Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
(7)	8.459	8.453	0.006	29661653	2117.466	2117.466
(8)	9.612	9.609	0.003	25654338	2258.441	2258.441
Average of peak concentrations:						2100.00
Tetrachloro-m-xylene(surr)	1.374	1.376	0.002	76522228	191.378	191.378
Decachlorobiphenyl(surr)	10.219	10.214	0.004	54910645	179.169	179.169

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS INITIAL CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

Calibration Files:

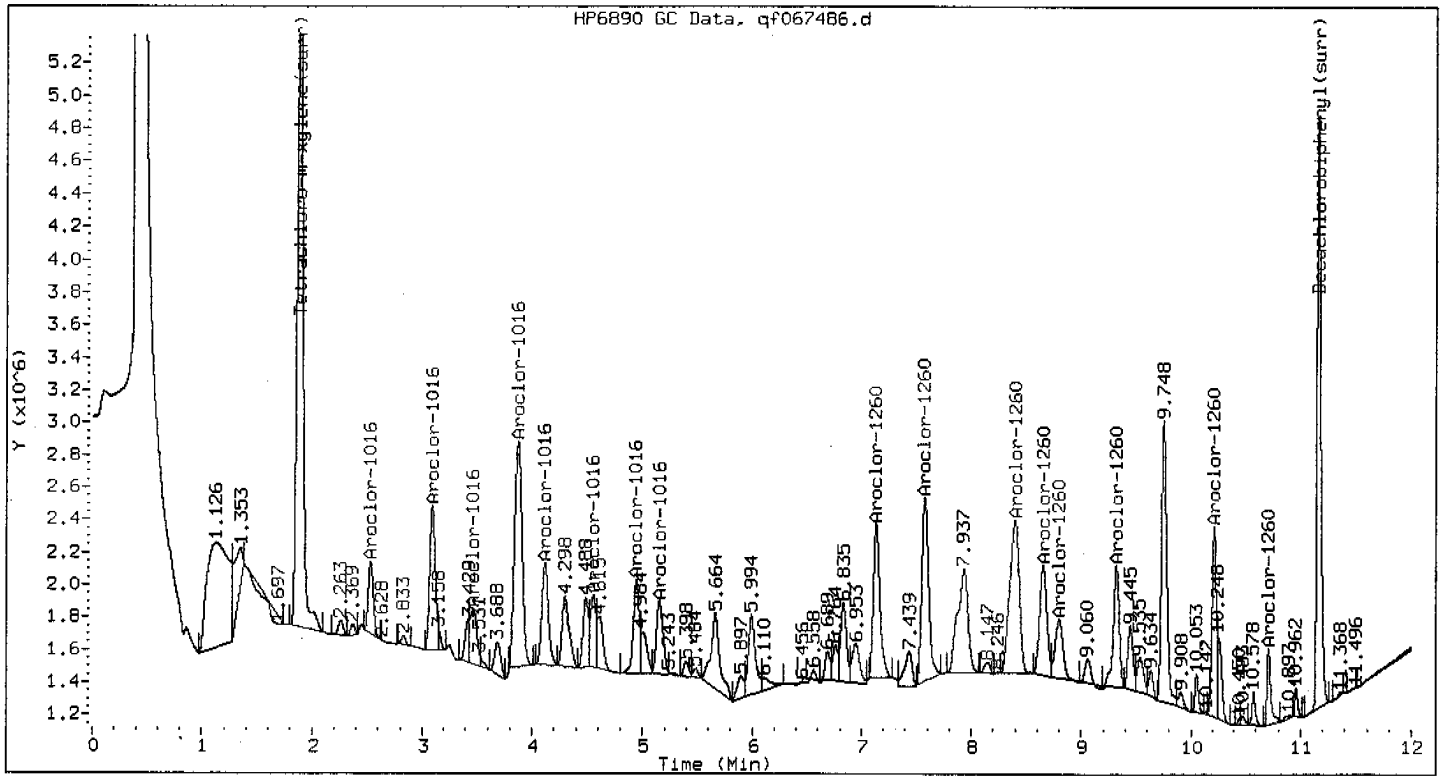
/chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067486.d
/chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067487.d
/chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067488.d
/chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067489.d
/chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067490.d

Compound		Level 1	Level 2	Level 3	Level 4	Level 5	Coefficients a0	Coefficients a1	Coefficients a2	%RSD or R^2
Aroclor-1016	1	14105.32	14429.59	12827.58	12366.26	10728.59		12891.47		11.50377
	2	33774.42	30247.93	25472.82	24615.38	20580.45		26938.20		19.07833
	3	14378.03	13931.60	11148.07	10940.97	8795.96		11838.93		19.52343
	4	66084.33	56702.41	48462.03	47064.80	40606.81		51784.07		18.99275
	5	25587.36	25072.69	21874.30	21171.70	18647.31		22470.67		12.81047
	6	16906.70	15927.58	13295.29	11890.11	11469.66		13897.87		17.42672
	7	20924.99	17924.83	15790.59	15052.92	13373.19		16613.30		17.52858
	8	18750.28	17213.51	15939.31	15454.45	13911.87		16253.88		11.25057
Aroclor-1260	1	39275.62	36139.69	31502.39	31378.39	28108.55		33280.93		13.23828
	2	48685.34	42231.56	36256.10	36020.62	32584.86		39155.69		16.23728
	3	57778.27	57599.08	50987.20	51560.19	44804.13		52545.77		10.25949
	4	32347.13	31515.74	27268.52	27355.88	24511.88		28599.83		11.40745
	5	17370.35	20214.77	15272.98	15795.36	15368.72		16804.44		12.40265
	6	28242.01	28620.80	25393.20	25564.58	23439.72		26252.06		8.23408
	7	31752.25	27275.52	25451.03	26006.06	24296.64		26956.30		10.71098
	8	11220.77	9697.01	9146.81	9442.04	8229.23		9547.17		11.39209
Tetrachloro-m-xylene(surr)		579125.52	594561.50	502439.65	550444.75	524645.97		550243.48		6.88372
Decachlorobiphenyl(surr)		343941.60	320802.80	275203.02	269114.99	254530.53		292718.59		12.93534

Comments:

* = %RSD exceeded maximum upper limit. Linear regression used for quantitation.

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/06Qf8082.m
Sample Info : SG1660L1_00003 D
Lab ID : SG1660L1_00003 D
Inj Date : 14-DEC-2007 18:37
Operator : 615
Cpnd Sublist: AR16600S

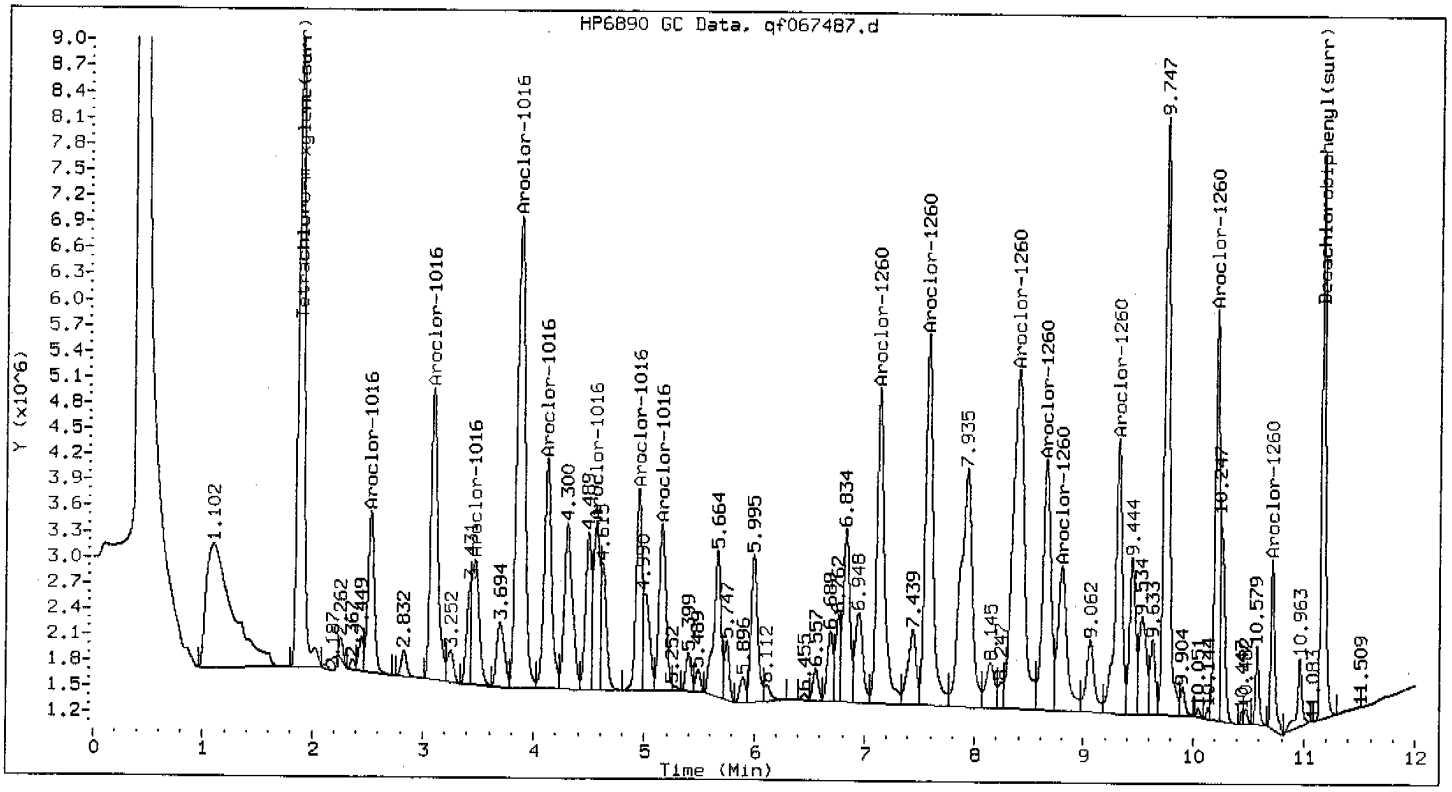
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_1

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1016	(M)	2.530	2.517	0.013	1410532	100.000	100.000
(2)		3.094	3.082	0.012	3377442	100.000	100.000
(3)		3.471	3.454	0.016	1437803	100.000	100.000
(4)		3.873	3.859	0.015	6608433	100.000	100.000
(5)		4.118	4.104	0.014	2558736	100.000	100.000
(6)		4.560	4.544	0.016	1690670	100.000	100.000
(7)		4.944	4.933	0.011	2092499	100.000	100.000
(8)		5.155	5.144	0.011	1875028	100.000	100.000
Average of peak concentrations:							100.00
Aroclor-1260	(M)	7.134	7.124	0.011	3927562	100.000	100.000
(2)		7.578	7.565	0.012	4868534	100.000	100.000
(3)		8.401	8.387	0.014	5777827	100.000	100.000
(4)		8.656	8.642	0.014	3234713	100.000	100.000
(5)		8.803	8.789	0.013	1737035	100.000	100.000
(6)		9.319	9.312	0.007	2824201	100.000	100.000

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.215	10.211	0.004	3175225	100.000	100.000
(8)	10.713	10.709	0.004	1122077	100.000	100.000
Average of peak concentrations:						100.00
Tetrachloro-m-xylene(surr)	1.888	1.876	0.011	14478138	25.000	25.000
Decachlorobiphenyl(surr)	11.160	11.154	0.006	8598540	25.000	25.000

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/06Qf8082.m
Sample Info : SG1660L2_00003 D
Lab ID : SG1660L2_00003 D
Inj Date : 14-DEC-2007 18:54
Operator : 615
Cpnd Sublist: AR16600S

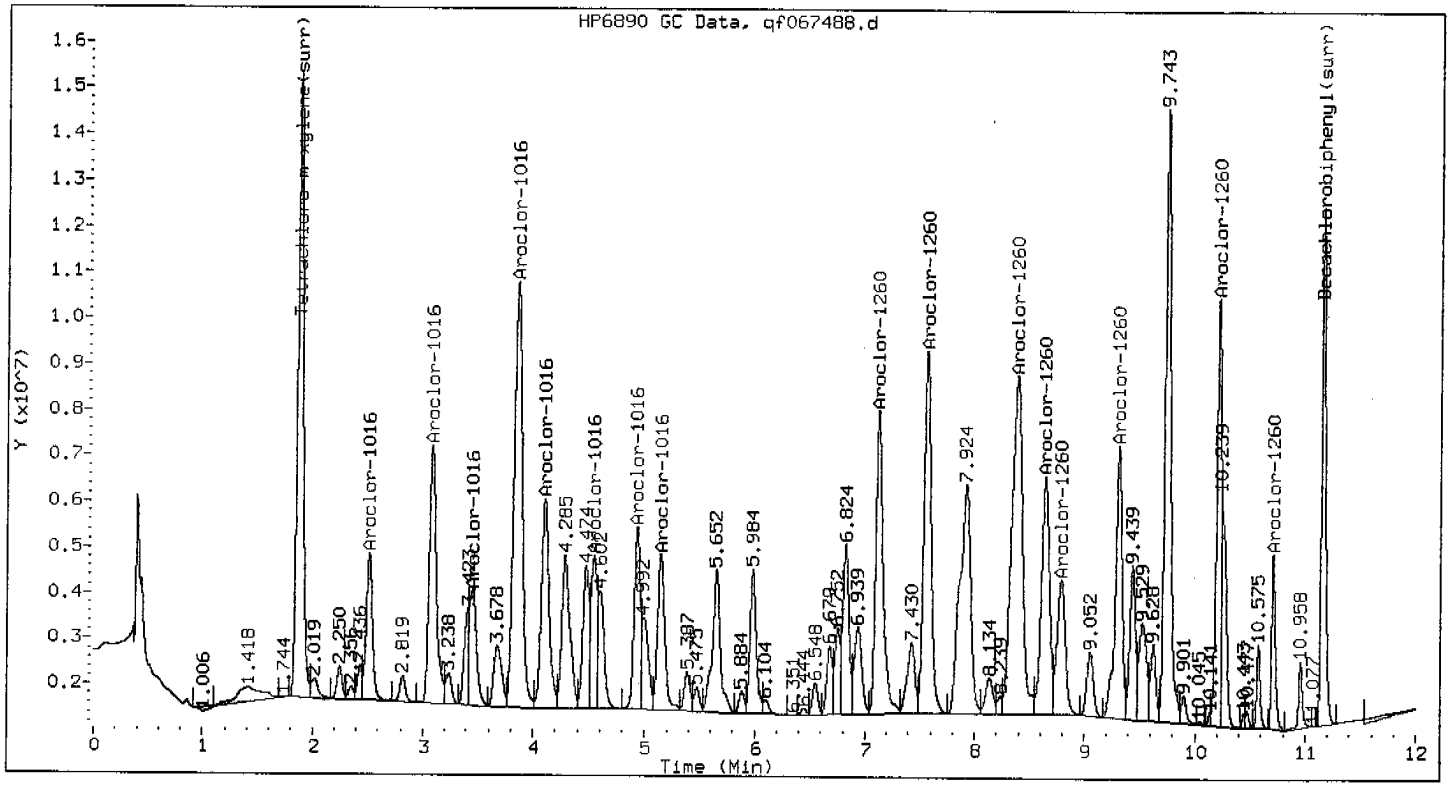
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_2

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1016	(M)	2.529	2.517	0.012	7214793	505.682	505.682
(2)		3.096	3.082	0.014	15123963	472.459	472.459
(3)		3.471	3.454	0.016	6965802	492.115	492.115
(4)		3.874	3.859	0.015	28351203	461.796	461.796
(5)		4.120	4.104	0.015	12536344	494.920	494.920
(6)		4.559	4.544	0.015	7963791	485.090	485.090
(7)		4.946	4.933	0.013	8962417	461.388	461.388
(8)		5.157	5.144	0.013	8606753	478.634	478.634
Average of peak concentrations:							480.00
Aroclor-1260	(M)	7.133	7.124	0.010	18069844	479.209	479.209
(2)		7.576	7.565	0.010	21115781	464.507	464.507
(3)		8.399	8.387	0.012	28799541	499.223	499.223
(4)		8.654	8.642	0.012	15757872	493.491	493.491
(5)		8.800	8.789	0.010	10107384	537.840	537.840
(6)		9.319	9.312	0.007	14310400	503.331	503.331

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
(7)		10.215	10.211	0.004	13637759	462.079	462.079
(8)		10.713	10.709	0.005	4848505	463.577	463.577
Average of peak concentrations:							490.00
Tetrachloro-m-xylene(surr)		1.886	1.876	0.010	29728075	50.658	50.658
Decachlorobiphenyl(surr)	(M)	11.162	11.154	0.007	16040140	48.260	48.260

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/06Qf8082.m
Sample Info : SG1660L3_00003 D
Lab ID : SG1660L3_00003 D
Inj Date : 14-DEC-2007 19:08
Operator : 615
Cpnd Sublist: AR16600S

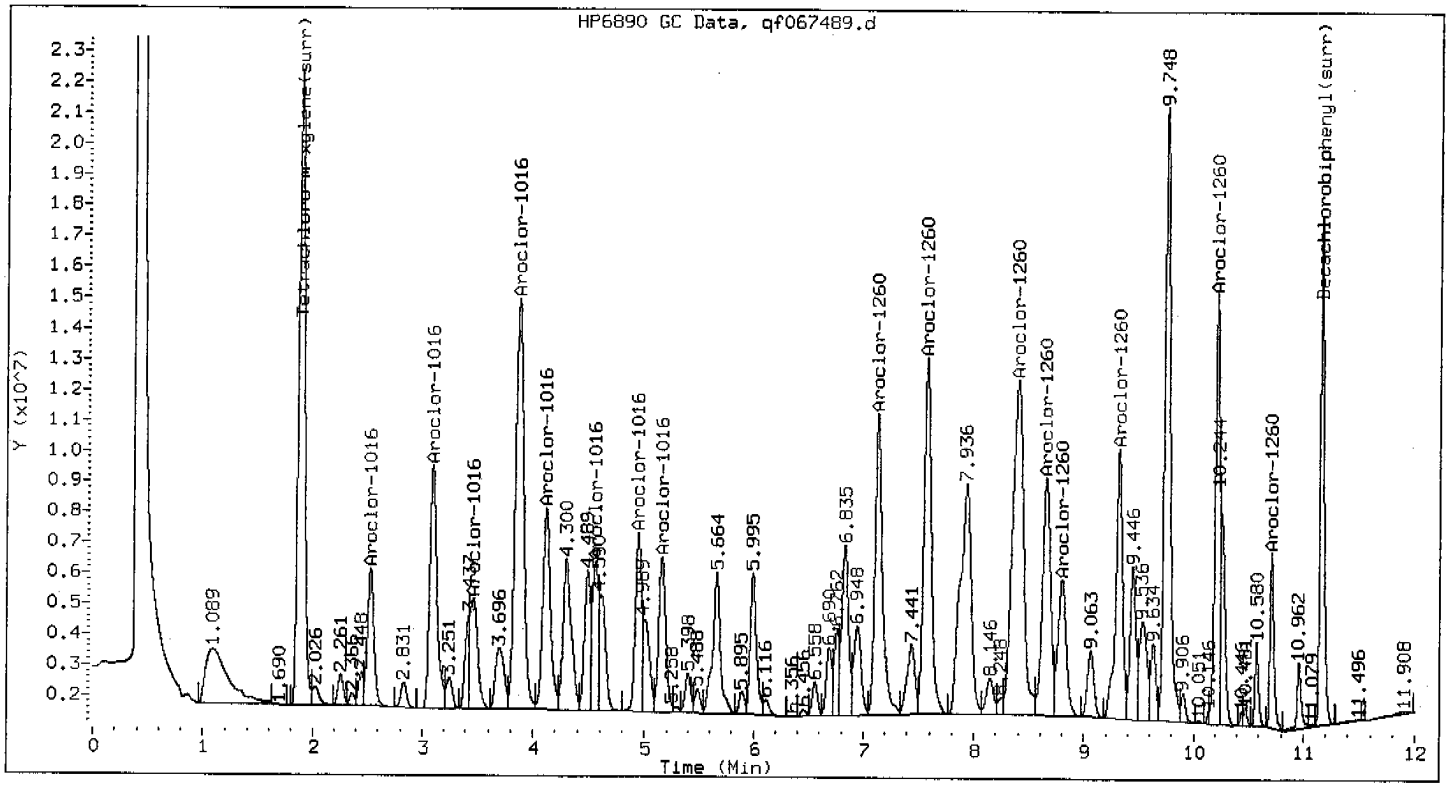
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1016	(M)	2.517	2.517	0.000	12827581	930.378	930.378
(2)		3.082	3.082	0.000	25472823	853.884	853.884
(3)		3.454	3.454	0.000	11148071	847.597	847.597
(4)		3.859	3.859	0.000	48462025	848.976	848.976
(5)		4.104	4.104	0.000	21874303	904.715	904.715
(6)		4.544	4.544	0.000	13295287	864.648	864.648
(7)		4.933	4.933	0.000	15790593	866.973	866.973
(8)		5.144	5.144	0.000	15939305	921.292	921.292
Average of peak concentrations:							880.00
Aroclor-1260	(M)	7.124	7.124	0.000	31502393	883.925	883.925
(2)		7.565	7.565	0.000	36256095	855.278	855.278
(3)		8.387	8.387	0.000	50987197	919.436	919.436
(4)		8.642	8.642	0.000	27268524	897.666	897.666
(5)		8.789	8.789	0.000	15272981	866.829	866.829
(6)		9.312	9.312	0.000	25393202	926.128	926.128

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.211	10.211	0.000	25451035	903.814	903.814
(8)	10.709	10.709	0.000	9146811	912.716	912.716
Average of peak concentrations:						900.00
Tetrachloro-m-xylene(surr)	1.876	1.876	0.000	50243965	89.929	89.929
Decachlorobiphenyl(surr)	11.154	11.154	0.000	27520302	87.836	87.836

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/06Qf8082.m
Sample Info : SG1660L4_00003 D
Lab ID : SG1660L4_00003 D
Inj Date : 14-DEC-2007 19:25
Operator : 615
Cpnd Sublist: AR16600S

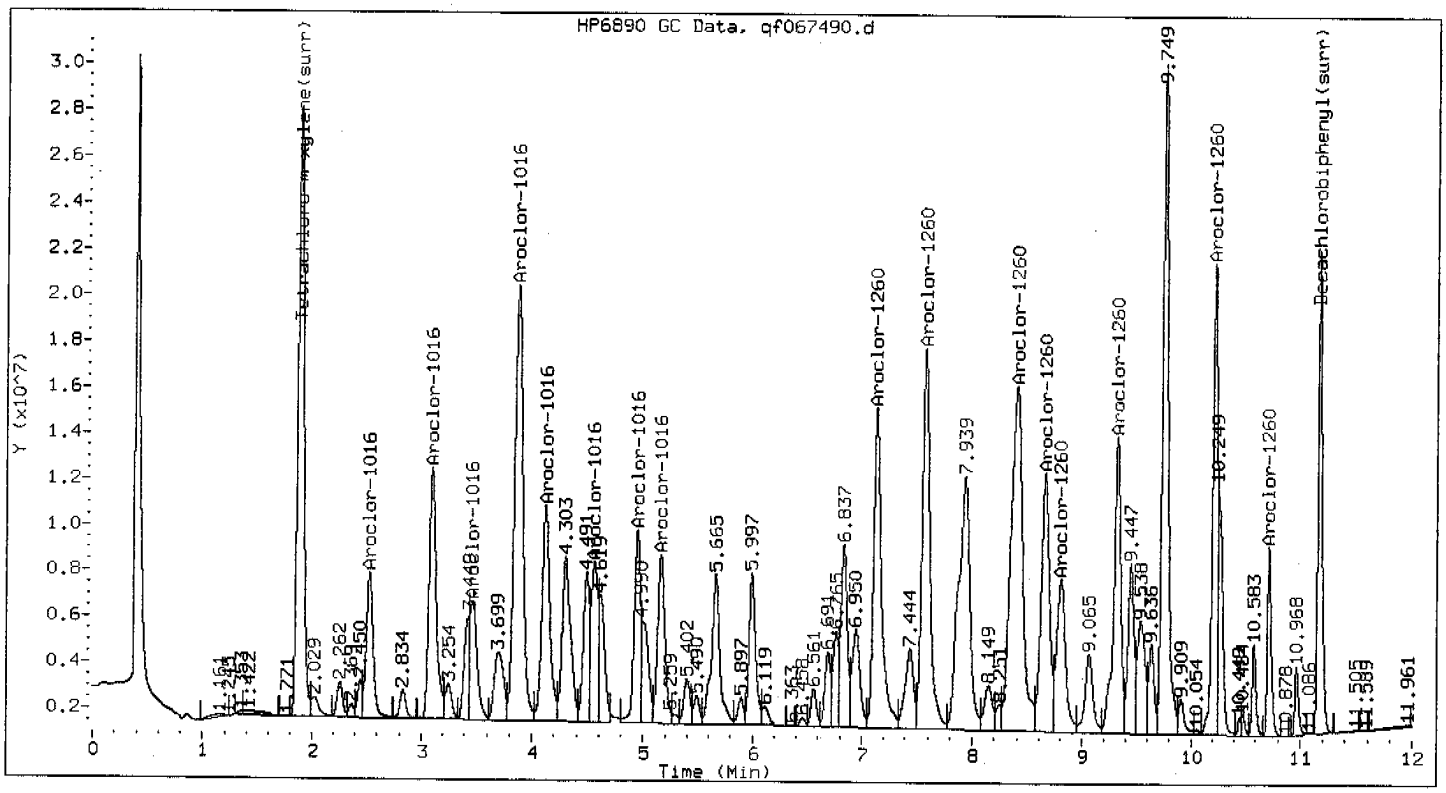
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_4

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1016	(M)	2.529	2.517	0.012	18549389	1380.966	1380.966
(2)		3.095	3.082	0.013	36923067	1294.291	1294.291
(3)		3.470	3.454	0.015	16411460	1302.531	1302.531
(4)		3.873	3.859	0.015	70597196	1293.501	1293.501
(5)		4.120	4.104	0.015	31757557	1355.625	1355.625
(6)		4.559	4.544	0.014	17835164	1229.594	1229.594
(7)		4.946	4.933	0.013	22579375	1295.927	1295.927
(8)		5.156	5.144	0.012	23181682	1376.635	1376.635
Average of peak concentrations:							1300.00
Aroclor-1260	(M)	7.134	7.124	0.010	47067590	1361.357	1361.357
(2)		7.576	7.565	0.011	54030932	1324.339	1324.339
(3)		8.400	8.387	0.013	77340285	1419.578	1419.578
(4)		8.654	8.642	0.012	41033823	1385.257	1385.257
(5)		8.801	8.789	0.011	23693037	1380.442	1380.442
(6)		9.320	9.312	0.008	38346866	1422.618	1422.618

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
(7)	10.215	10.211	0.004	39009097	1412.287	1412.287
(8)	10.713	10.709	0.005	14163066	1433.994	1433.994
Average of peak concentrations:						1400.00
Tetrachloro-m-xylene(surr)	1.886	1.876	0.009	82566713	148.330	148.330
Decachlorobiphenyl(surr)	11.160	11.154	0.005	40367249	133.549	133.549

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/06Qf8082.m
Sample Info : SG1660L5_00003 D
Lab ID : SG1660L5_00003 D
Inj Date : 14-DEC-2007 19:41
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_5

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1016	(M)	2.531	2.517	0.014	26821478	2080.560	2080.560
(2)		3.097	3.082	0.015	51451127	1909.969	1909.969
(3)		3.471	3.454	0.017	21989889	1857.423	1857.423
(4)		3.876	3.859	0.018	101517018	1960.391	1960.391
(5)		4.122	4.104	0.018	46618266	2074.627	2074.627
(6)		4.561	4.544	0.017	28674143	2063.205	2063.205
(7)		4.947	4.933	0.014	33432975	2012.422	2012.422
(8)		5.159	5.144	0.015	34779687	2139.777	2139.777
Average of peak concentrations:							2000.00
Aroclor-1260	(M)	7.136	7.124	0.013	70271380	2111.461	2111.461
(2)		7.579	7.565	0.013	81462138	2080.467	2080.467
(3)		8.403	8.387	0.016	112010337	2131.672	2131.672
(4)		8.658	8.642	0.016	61279711	2142.660	2142.660
(5)		8.804	8.789	0.014	38421804	2286.408	2286.408
(6)		9.322	9.312	0.010	58599309	2232.179	2232.179

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
(7)		10.218	10.211	0.007	60741596	2253.336	2253.336
(8)		10.717	10.709	0.008	20573079	2154.887	2154.887
Average of peak concentrations:							2200.00
Tetrachloro-m-xylene(surr)	(M)	1.887	1.876	0.011	104929195	190.696	190.696
Decachlorobiphenyl(surr)		11.166	11.154	0.012	50906106	173.908	173.908

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

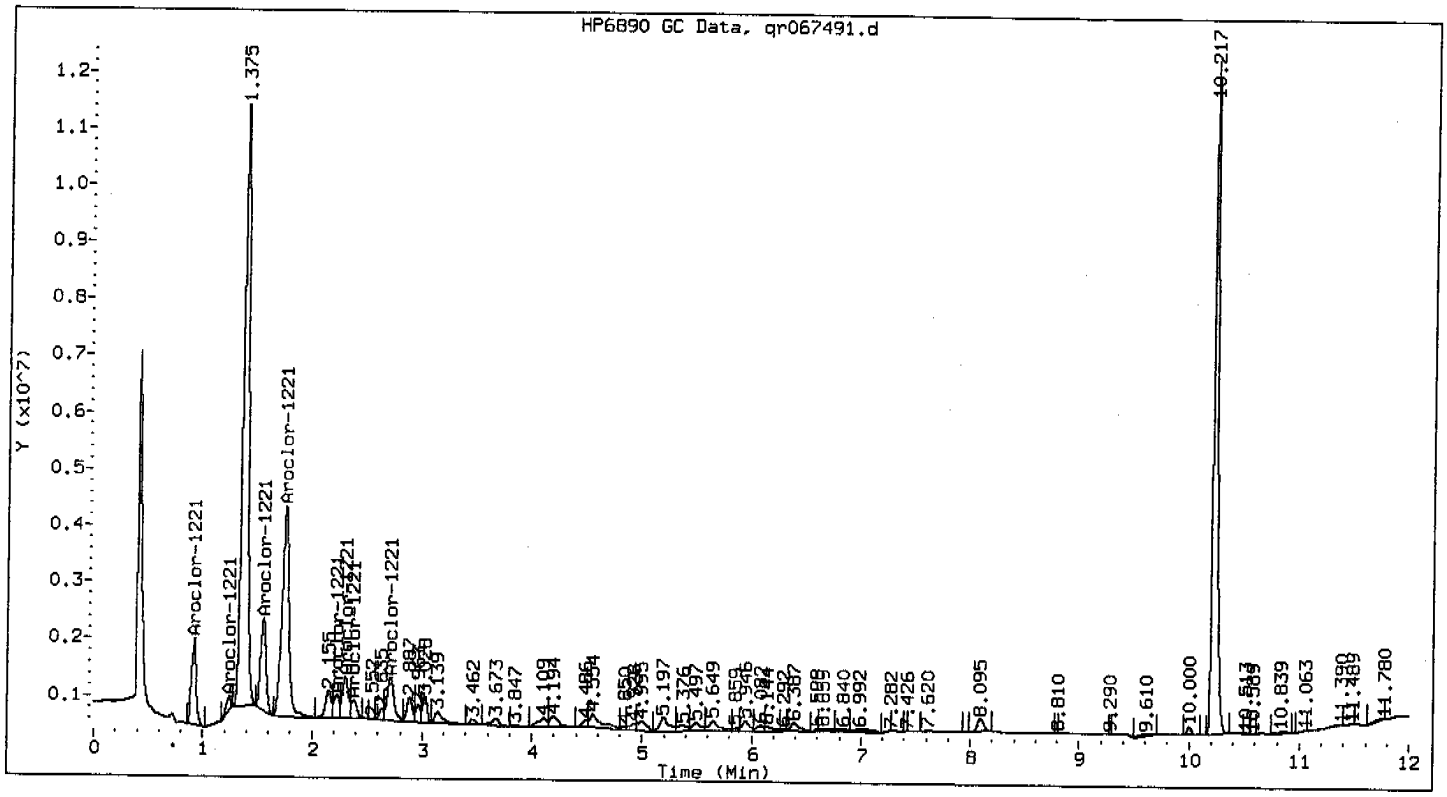
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067491.d

Compound		Midpoint Standard Response Factor
Aroclor-1221		4601.01
	2	634.54
	3	5715.21
	4	17014.46
	5	1371.07
	6	2666.77
	7	1118.09
	8	3336.59

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1221L3_00003 D
Lab ID : SG1221L3_00003 D
Inj Date : 14-DEC-2007 19:56
Operator : 615
Cpnd Sublist: AR12210

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1221	(M)	0.920	0.920	0.000	4601005	1000.000	1000.000
(2)		1.245	1.245	0.000	634536	1000.000	1000.000
(3)		1.553	1.553	0.000	5715206	1000.000	1000.000
(4)		1.754	1.754	0.000	17014456	1000.000	1000.000
(5)		2.228	2.228	0.000	1371070	1000.000	1000.000
(6)		2.305	2.305	0.000	2666768	1000.000	1000.000
(7)		2.383	2.383	0.000	1118085	1000.000	1000.000
(8)		2.715	2.715	0.000	3336593	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

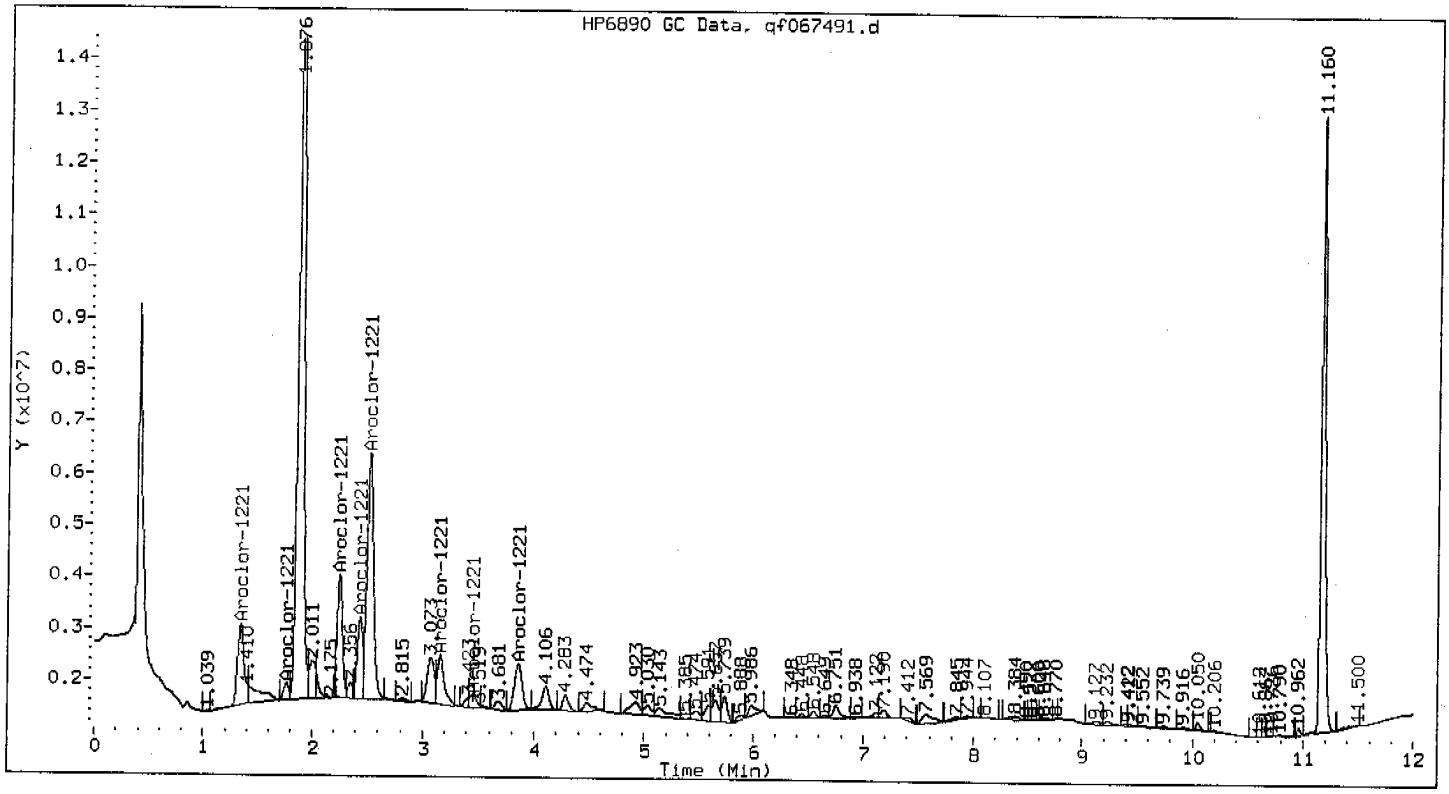
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067491.d

Compound	Midpoint Standard Response Factor
Aroclor-1221	6575.77
2	1082.61
3	8017.25
4	5103.09
5	19625.21
6	4268.82
7	1042.90
8	4249.10

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/06Qf8082.m
Sample Info : SG1221L3_00003 D
Lab ID : SG1221L3_00003 D
Inj Date : 14-DEC-2007 19:56
Operator : 615
Cpnd Sublist: AR12210

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1221	(M)	1.344	1.344	0.000	6575771	1000.000	1000.000
(2)		1.763	1.763	0.000	1082614	1000.000	1000.000
(3)		2.251	2.251	0.000	8017249	1000.000	1000.000
(4)		2.436	2.436	0.000	5103088	1000.000	1000.000
(5)		2.519	2.519	0.000	19625206	1000.000	1000.000
(6)		3.159	3.159	0.000	4268818	1000.000	1000.000
(7)		3.454	3.454	0.000	1042902	1000.000	1000.000
(8)		3.860	3.860	0.000	4249104	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

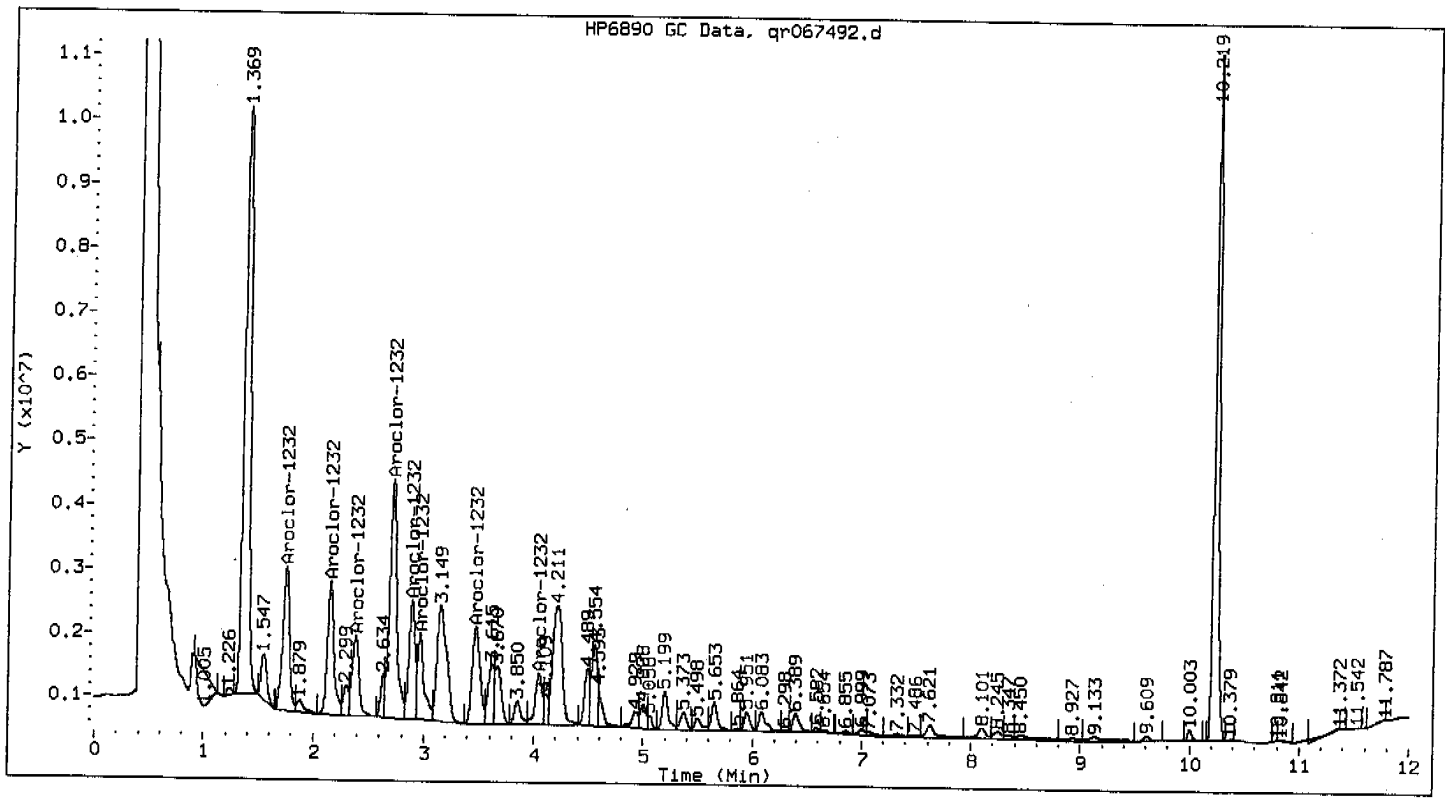
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067492.d

Compound		Midpoint Standard Response Factor
Aroclor-1232		9897.62
	2	8655.90
	3	5573.23
	4	17266.38
	5	6938.11
	6	5740.78
	7	7503.74
	8	3434.97

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1232L3_00002 D
Lab ID : SG1232L3_00002 D
Inj Date : 14-DEC-2007 20:13
Operator : 615
Cpnd Sublist: AR12320

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1232	(M)	1.750	1.750	0.000	9897616	1000.000	1000.000
(2)		2.153	2.153	0.000	8655904	1000.000	1000.000
(3)		2.384	2.384	0.000	5573228	1000.000	1000.000
(4)		2.713	2.713	0.000	17266382	1000.000	1000.000
(5)		2.889	2.889	0.000	6938113	1000.000	1000.000
(6)		2.963	2.963	0.000	5740780	1000.000	1000.000
(7)		3.468	3.468	0.000	7503745	1000.000	1000.000
(8)		4.043	4.043	0.000	3434966	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

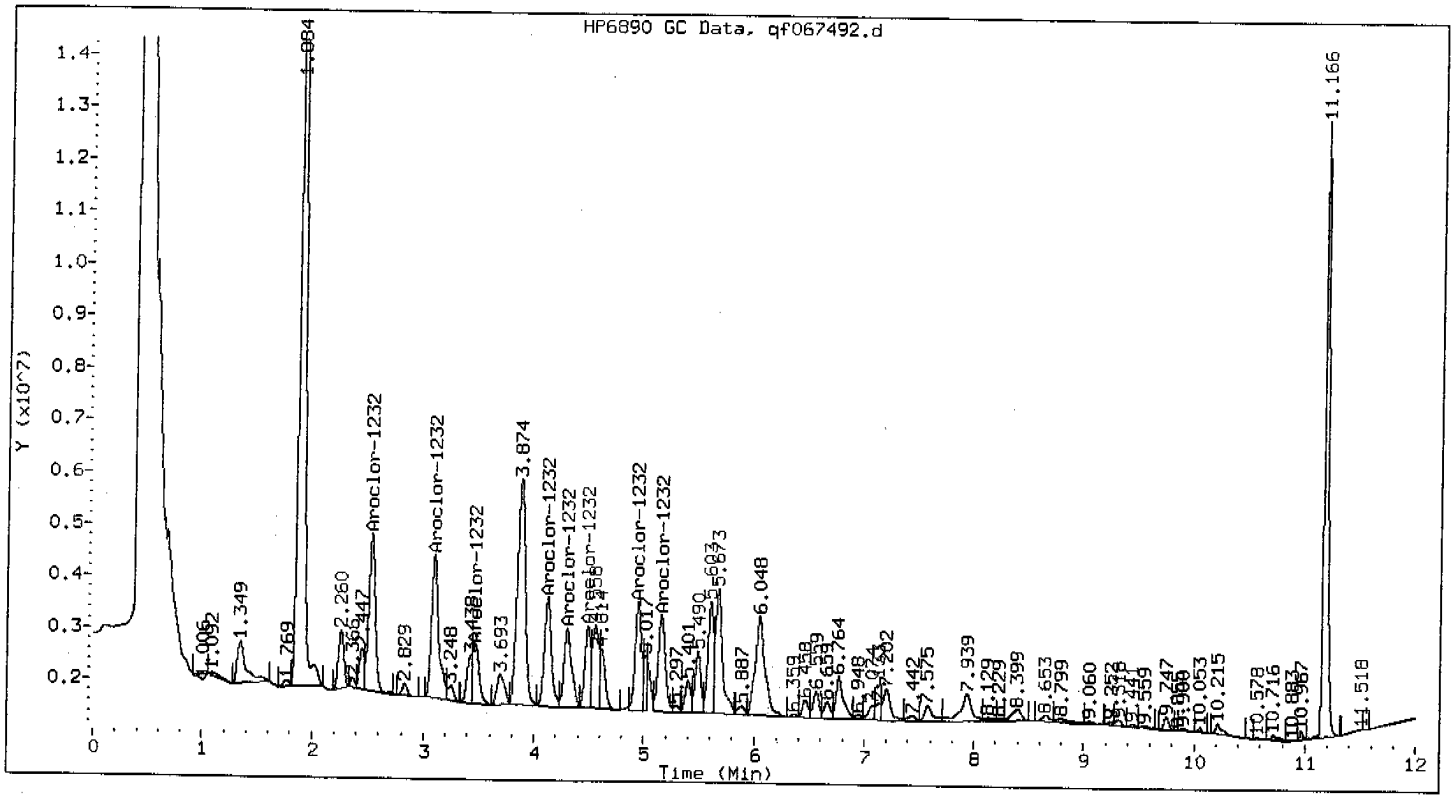
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067492.d

Compound		Midpoint Standard Response Factor
Aroclor-1232		12174.52
	2	13025.10
	3	4940.18
	4	9539.62
	5	7457.41
	6	5707.79
	7	8261.18
	8	8439.28

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/06Qf8082.m
Sample Info : SG1232L3_00002 D
Lab ID : SG1232L3_00002 D
Inj Date : 14-DEC-2007 20:13
Operator : 615
Cpnd Sublist: AR12320

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

12/14/07

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1232	(M)	2.529	2.529	0.000	12174523	1000.000	1000.000
(2)		3.094	3.094	0.000	13025096	1000.000	1000.000
(3)		3.470	3.470	0.000	4940179	1000.000	1000.000
(4)		4.120	4.120	0.000	9539616	1000.000	1000.000
(5)		4.300	4.300	0.000	7457408	1000.000	1000.000
(6)		4.489	4.489	0.000	5707793	1000.000	1000.000
(7)		4.945	4.945	0.000	8261177	1000.000	1000.000
(8)		5.157	5.157	0.000	8439283	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

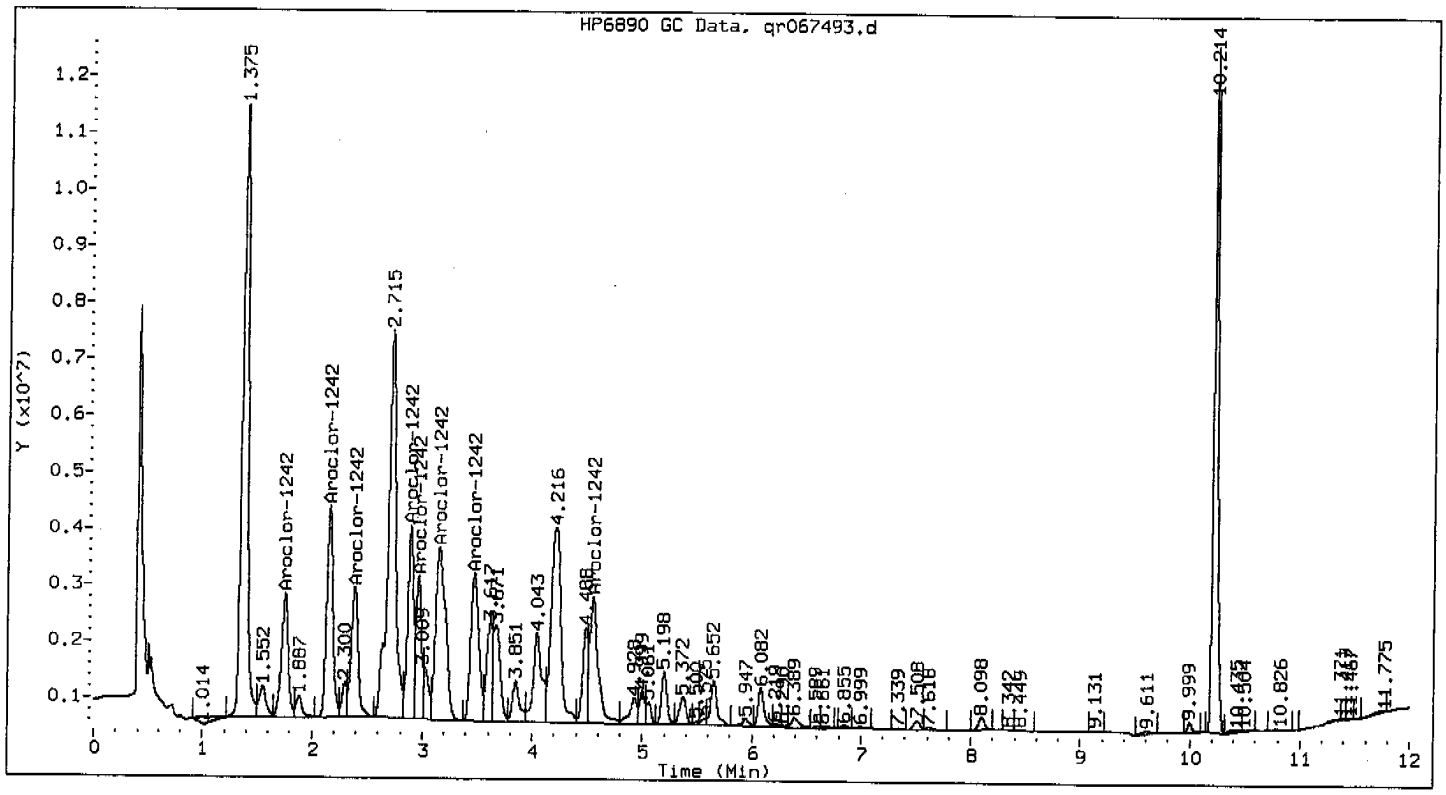
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067493.d

Compound	Midpoint Standard Response Factor
Aroclor-1242	9472.10
2	14734.16
3	10203.25
4	12776.26
5	8576.43
6	19641.00
7	13238.48
8	11420.74

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1242L3_00002 D
Lab ID : SG1242L3_00002 D
Inj Date : 14-DEC-2007 20:29
Operator : 615
Cpnd Sublist: AR12420

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1242	(M)	1.755	1.755	0.000	9472100	1000.000	1000.000
(2)		2.155	2.155	0.000	14734158	1000.000	1000.000
(3)		2.385	2.385	0.000	10203254	1000.000	1000.000
(4)		2.889	2.889	0.000	12776261	1000.000	1000.000
(5)		2.965	2.965	0.000	8576429	1000.000	1000.000
(6)		3.152	3.152	0.000	19640999	1000.000	1000.000
(7)		3.469	3.469	0.000	13238476	1000.000	1000.000
(8)		4.554	4.554	0.000	11420737	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

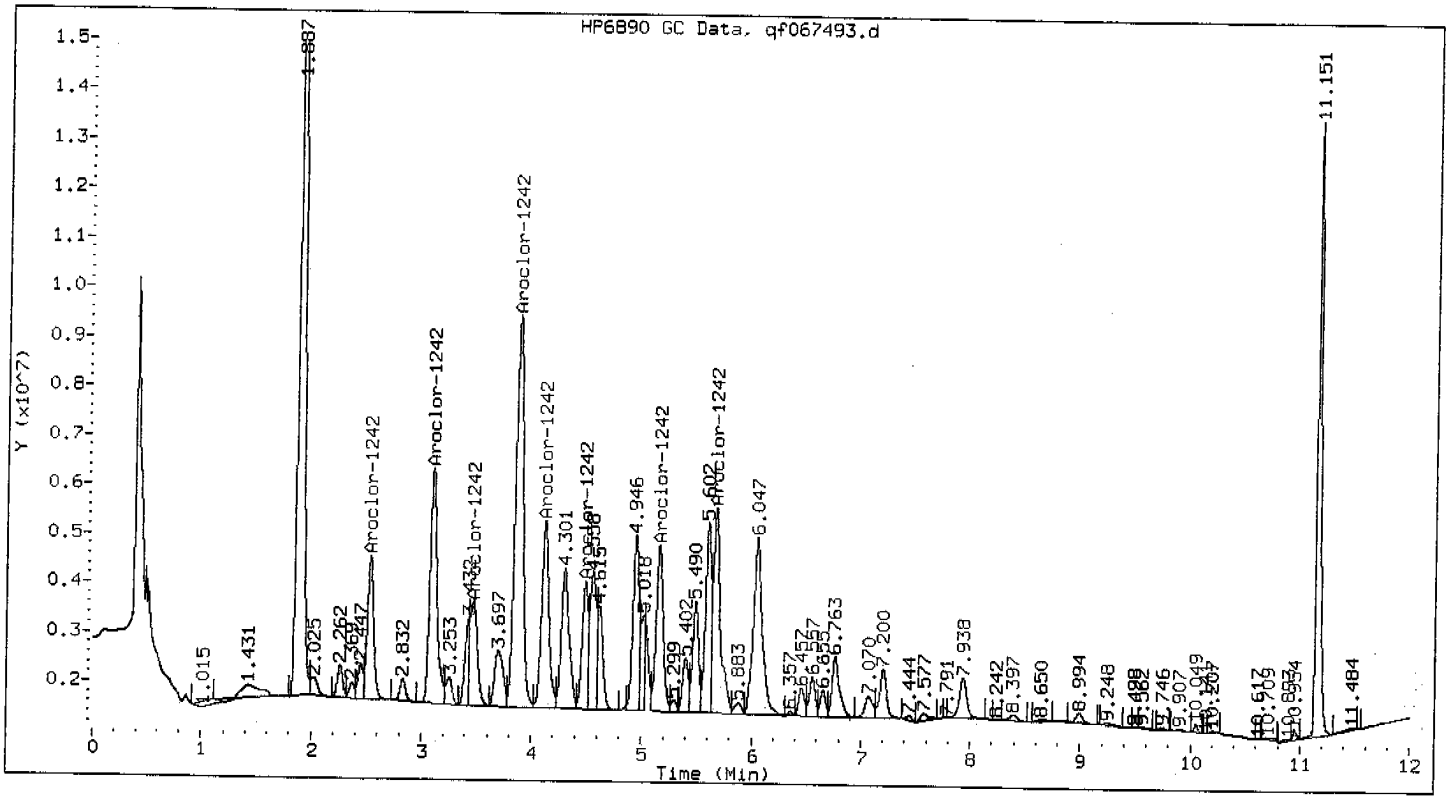
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067493.d

Compound	Midpoint Standard Response Factor
Aroclor-1242	11414.68
2	21636.12
3	10053.30
4	41038.13
5	17708.79
6	9494.04
7	15239.79
8	19163.82

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/06Qf8082.m
Sample Info : SG1242L3_00002 D
Lab ID : SG1242L3_00002 D
Inj Date : 14-DEC-2007 20:29
Operator : 615
Cpnd Sublist: AR12420

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1242	(M)	2.530	2.530	0.000	11414676	1000.000	1000.000
(2)		3.095	3.095	0.000	21636122	1000.000	1000.000
(3)		3.470	3.470	0.000	10053304	1000.000	1000.000
(4)		3.874	3.874	0.000	41038126	1000.000	1000.000
(5)		4.120	4.120	0.000	17708787	1000.000	1000.000
(6)		4.490	4.490	0.000	9494042	1000.000	1000.000
(7)		5.157	5.157	0.000	15239793	1000.000	1000.000
(8)		5.672	5.672	0.000	19163824	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

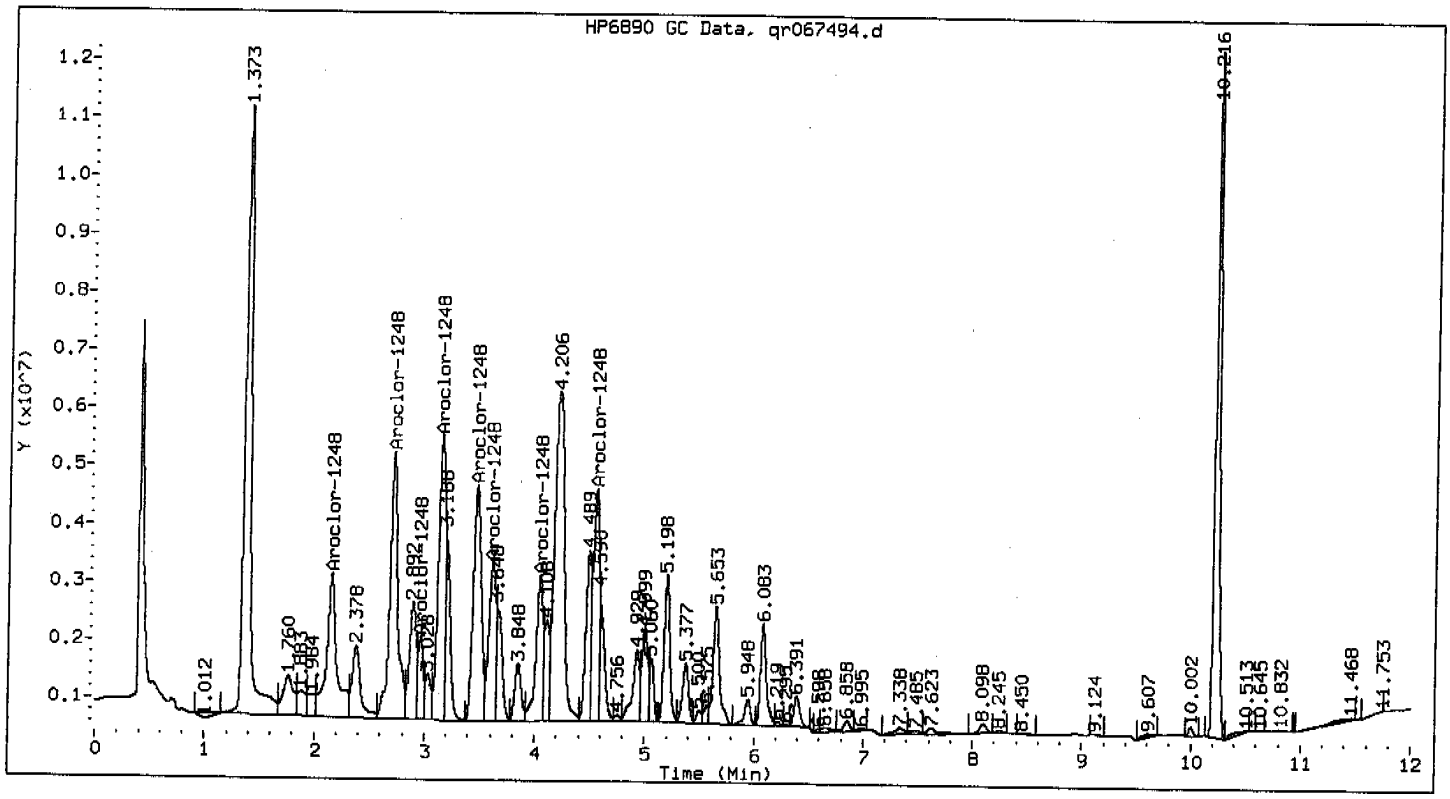
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067494.d

Compound	Midpoint Standard Response Factor
Aroclor-1248	15842.99
2	23678.40
3	4745.15
4	21756.72
5	20333.82
6	11410.80
7	10325.89
8	15055.66

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1248L3_00002 D
Lab ID : SG1248L3_00002 D
Inj Date : 14-DEC-2007 20:46
Operator : 615
Cpnd Sublist: AR12480

12/16/7

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1248	(M)	2.151	2.151	0.000	15842989	1000.000	1000.000
(2)		2.709	2.709	0.000	23678399	1000.000	1000.000
(3)		2.961	2.961	0.000	4745150	1000.000	1000.000
(4)		3.145	3.145	0.000	21756721	1000.000	1000.000
(5)		3.467	3.467	0.000	20333820	1000.000	1000.000
(6)		3.610	3.610	0.000	11410798	1000.000	1000.000
(7)		4.043	4.043	0.000	10325894	1000.000	1000.000
(8)		4.553	4.553	0.000	15055657	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

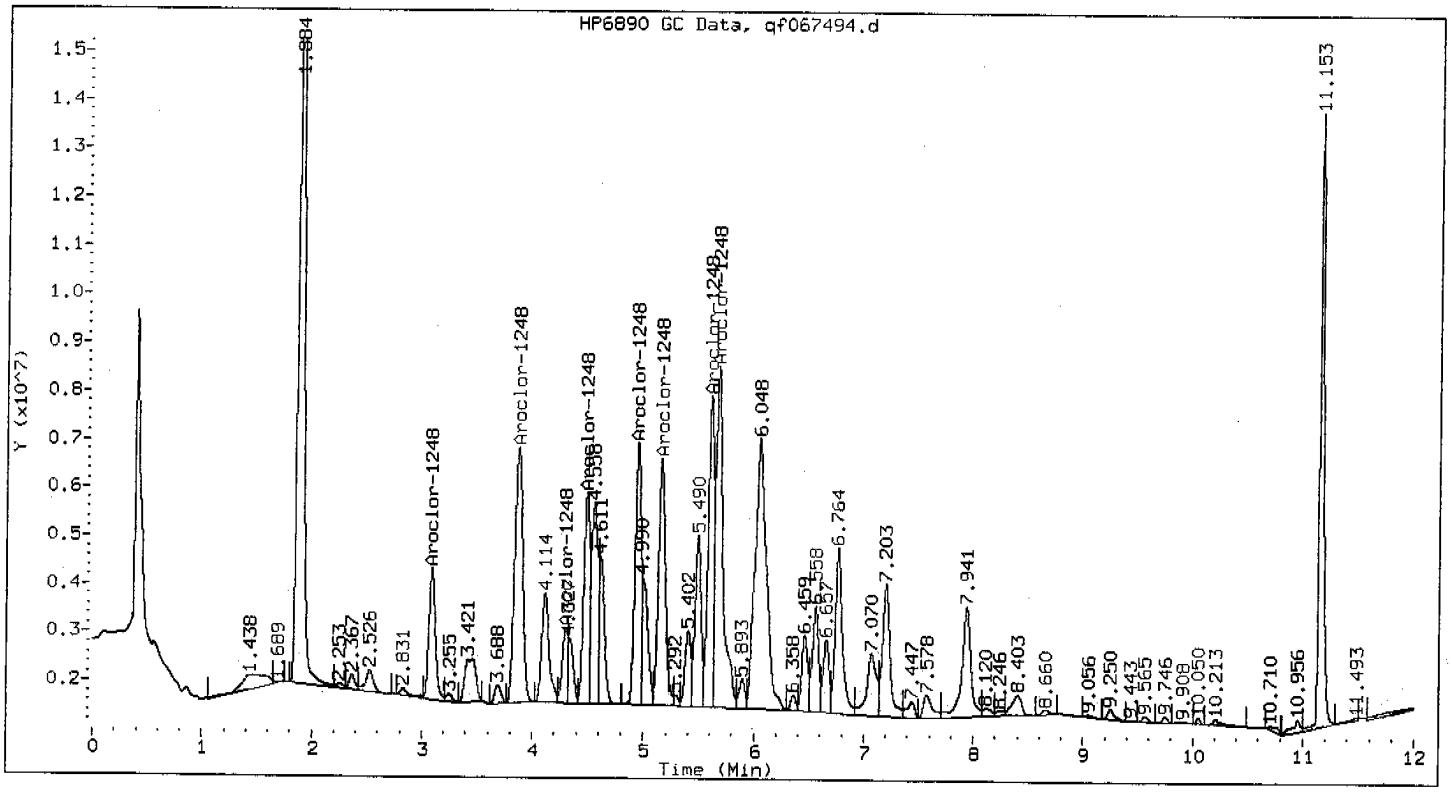
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067494.d

Compound	Midpoint Standard Response Factor
Aroclor-1248	11166.19
2	26866.68
3	5363.39
4	16246.12
5	20835.27
6	22818.91
7	22325.86
8	33520.84

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/06Qf8082.m
Sample Info : SG1248L3_00002 D
Lab ID : SG1248L3_00002 D
Inj Date : 14-DEC-2007 20:46
Operator : 615
Cpnd Sublist: AR12480

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1248	(M)	3.089	3.089	0.000	11166187	1000.000	1000.000
(2)		3.869	3.869	0.000	26866682	1000.000	1000.000
(3)		4.302	4.302	0.000	5363389	1000.000	1000.000
(4)		4.488	4.488	0.000	16246125	1000.000	1000.000
(5)		4.945	4.945	0.000	20835269	1000.000	1000.000
(6)		5.156	5.156	0.000	22818914	1000.000	1000.000
(7)		5.603	5.603	0.000	22325863	1000.000	1000.000
(8)		5.672	5.672	0.000	33520837	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

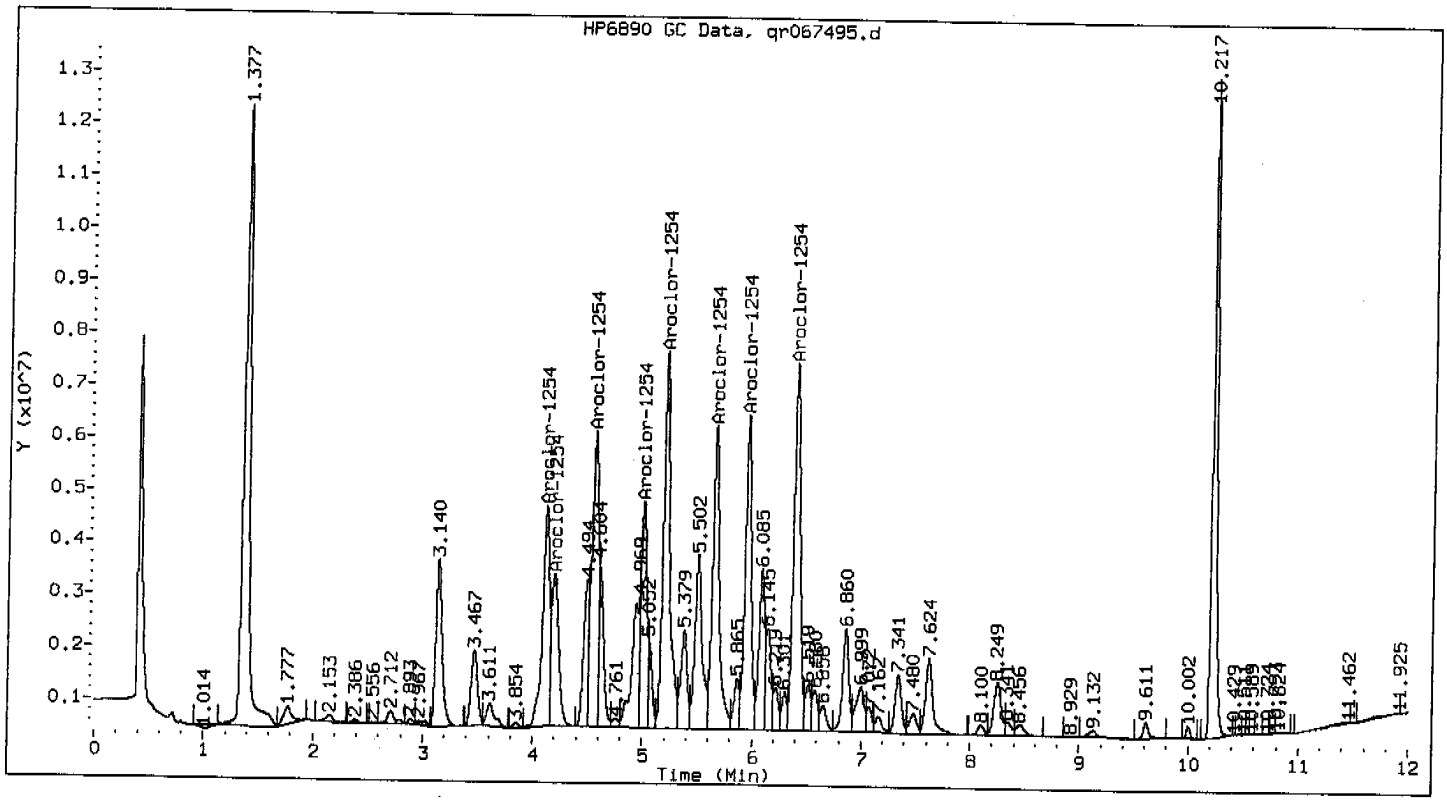
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067495.d

Compound	Midpoint Standard Response Factor
Aroclor-1254	18365.31
2	13462.66
3	23592.37
4	15954.84
5	31052.44
6	25195.45
7	23498.22
8	30324.97

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1254L3_00002 D
Lab ID : SG1254L3_00002 D
Inj Date : 14-DEC-2007 21:02
Operator : 615
Cpnd Sublist: AR12540

12/16/07

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1254	(M)	4.118	4.118	0.000	18365309	1000.000	1000.000
(2)		4.195	4.195	0.000	13462655	1000.000	1000.000
(3)		4.560	4.560	0.000	23592369	1000.000	1000.000
(4)		5.001	5.001	0.000	15954838	1000.000	1000.000
(5)		5.202	5.202	0.000	31052444	1000.000	1000.000
(6)		5.655	5.655	0.000	25195447	1000.000	1000.000
(7)		5.952	5.952	0.000	23498221	1000.000	1000.000
(8)		6.393	6.393	0.000	30324975	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

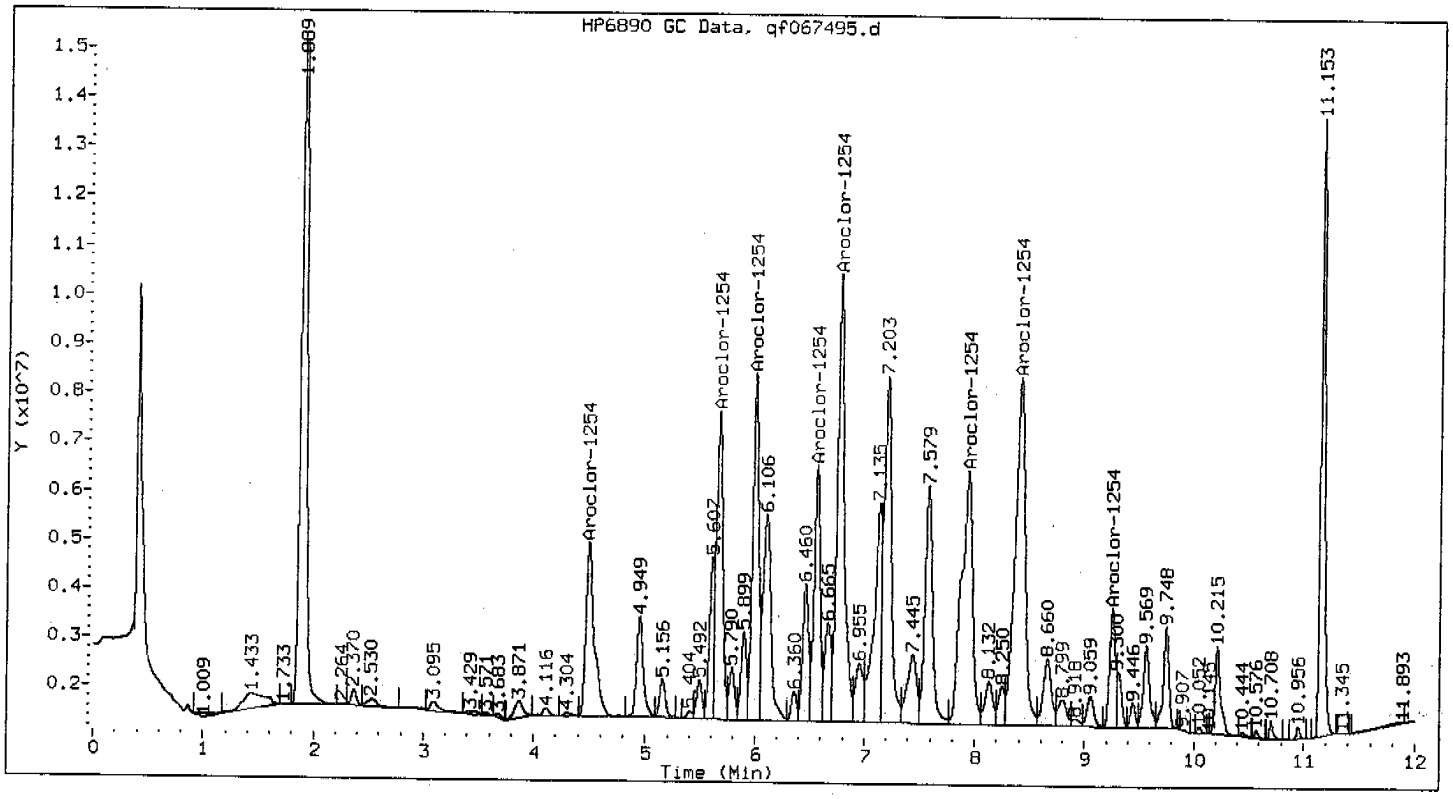
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067495.d

Compound		Midpoint Standard Response Factor
Aroclor-1254		18436.94
	2	26703.13
	3	27661.93
	4	20182.38
	5	42129.23
	6	36320.15
	7	45515.69
	8	9044.55

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/06Qf8082.m
Sample Info : SG1254L3_00002 D
Lab ID : SG1254L3_00002 D
Inj Date : 14-DEC-2007 21:02
Operator : 615
Cpnd Sublist: AR12540

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1254	(M)	4.492	4.492	0.000	18436935	1000.000	1000.000
(2)		5.665	5.665	0.000	26703127	1000.000	1000.000
(3)		5.998	5.998	0.000	27661928	1000.000	1000.000
(4)		6.561	6.561	0.000	20182380	1000.000	1000.000
(5)		6.766	6.766	0.000	42129229	1000.000	1000.000
(6)		7.938	7.938	0.000	36320147	1000.000	1000.000
(7)		8.406	8.406	0.000	45515692	1000.000	1000.000
(8)		9.254	9.254	0.000	9044545	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

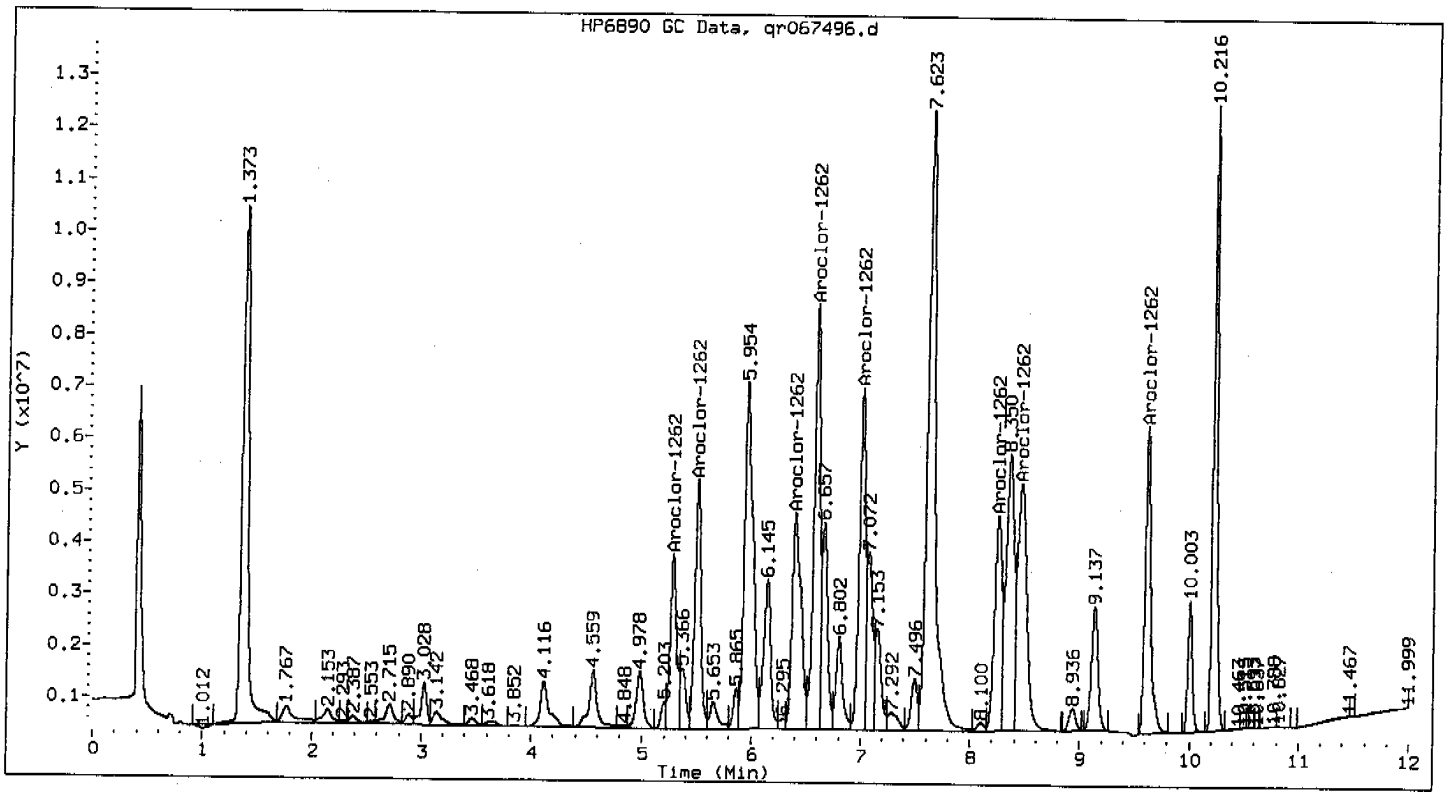
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067496.d

Compound	Midpoint Standard Response Factor
Aroclor-1262	14007.94
2	19102.38
3	23193.51
4	31473.19
5	26901.19
6	19125.68
7	29886.45
8	21347.19

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1262L3_00002 D
Lab ID : SG1262L3_00002 D
Inj Date : 14-DEC-2007 21:19
Operator : 615
Cpnd Sublist: AR12620

12/16/07

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1262	(M)	5.277	5.277	0.000	14007942	1000.000	1000.000
(2)		5.500	5.500	0.000	19102383	1000.000	1000.000
(3)		6.392	6.392	0.000	23193506	1000.000	1000.000
(4)		6.583	6.583	0.000	31473189	1000.000	1000.000
(5)		7.003	7.003	0.000	26901188	1000.000	1000.000
(6)		8.249	8.249	0.000	19125676	1000.000	1000.000
(7)		8.457	8.457	0.000	29886447	1000.000	1000.000
(8)		9.612	9.612	0.000	21347195	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

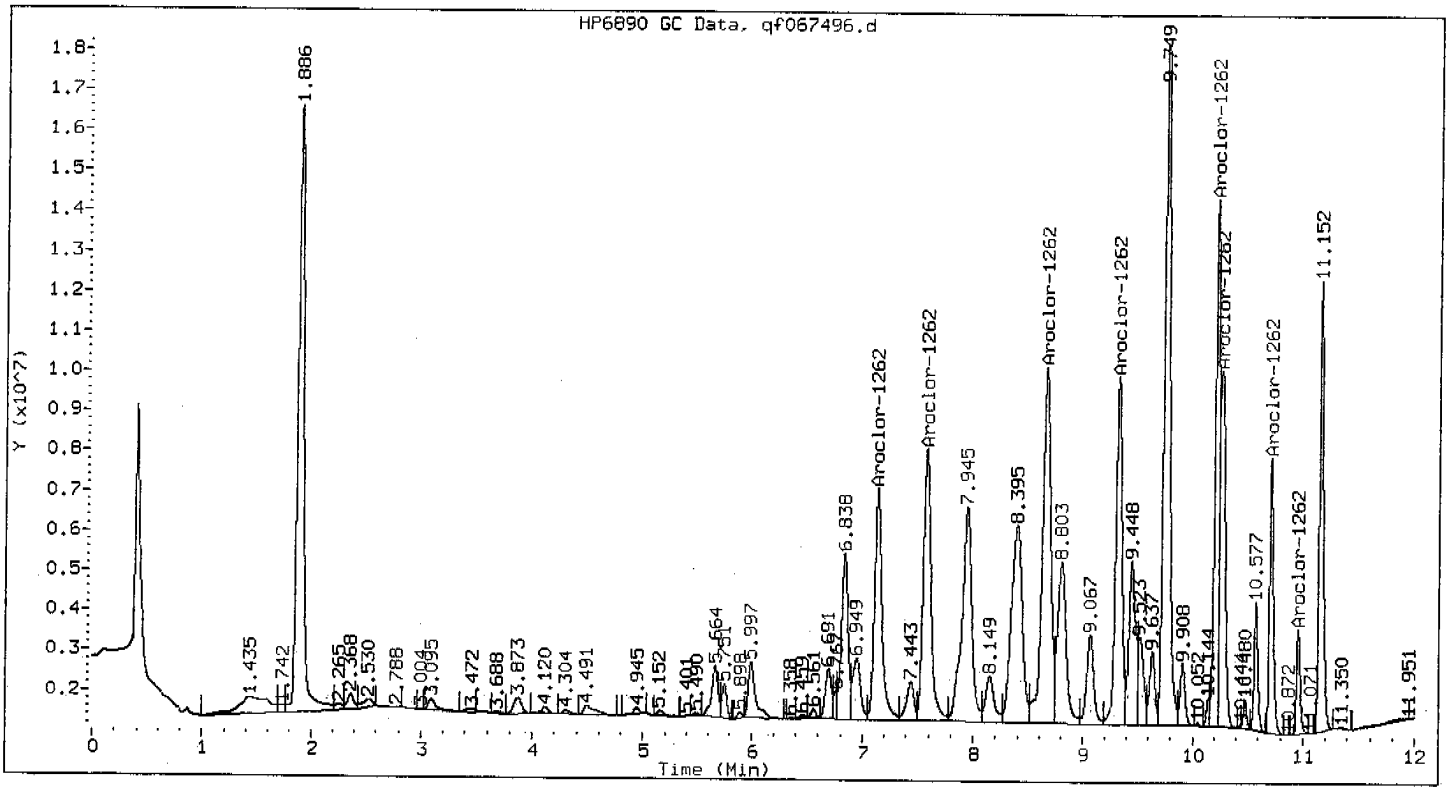
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067496.d

Compound		Midpoint Standard Response Factor
Aroclor-1262		27369.71
	2	32773.03
	3	49661.13
	4	35256.53
	5	36149.53
	6	28838.05
	7	16643.83
	8	5836.19

Comments:

+ = Multi-component peak not used in calibration of compound.



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Sample Info : SG1262L3_00002 D
Lab ID : SG1262L3_00002 D
Inj Date : 14-DEC-2007 21:19
Operator : 615
Cpnd Sublist: AR12620

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1262	(M)	7.136	7.136	0.000	27369711	1000.000	1000.000
(2)		7.578	7.578	0.000	32773031	1000.000	1000.000
(3)		8.657	8.657	0.000	49661130	1000.000	1000.000
(4)		9.323	9.323	0.000	35256527	1000.000	1000.000
(5)		10.213	10.213	0.000	36149530	1000.000	1000.000
(6)		10.261	10.261	0.000	28838046	1000.000	1000.000
(7)		10.709	10.709	0.000	16643826	1000.000	1000.000
(8)		10.957	10.957	0.000	5836187	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

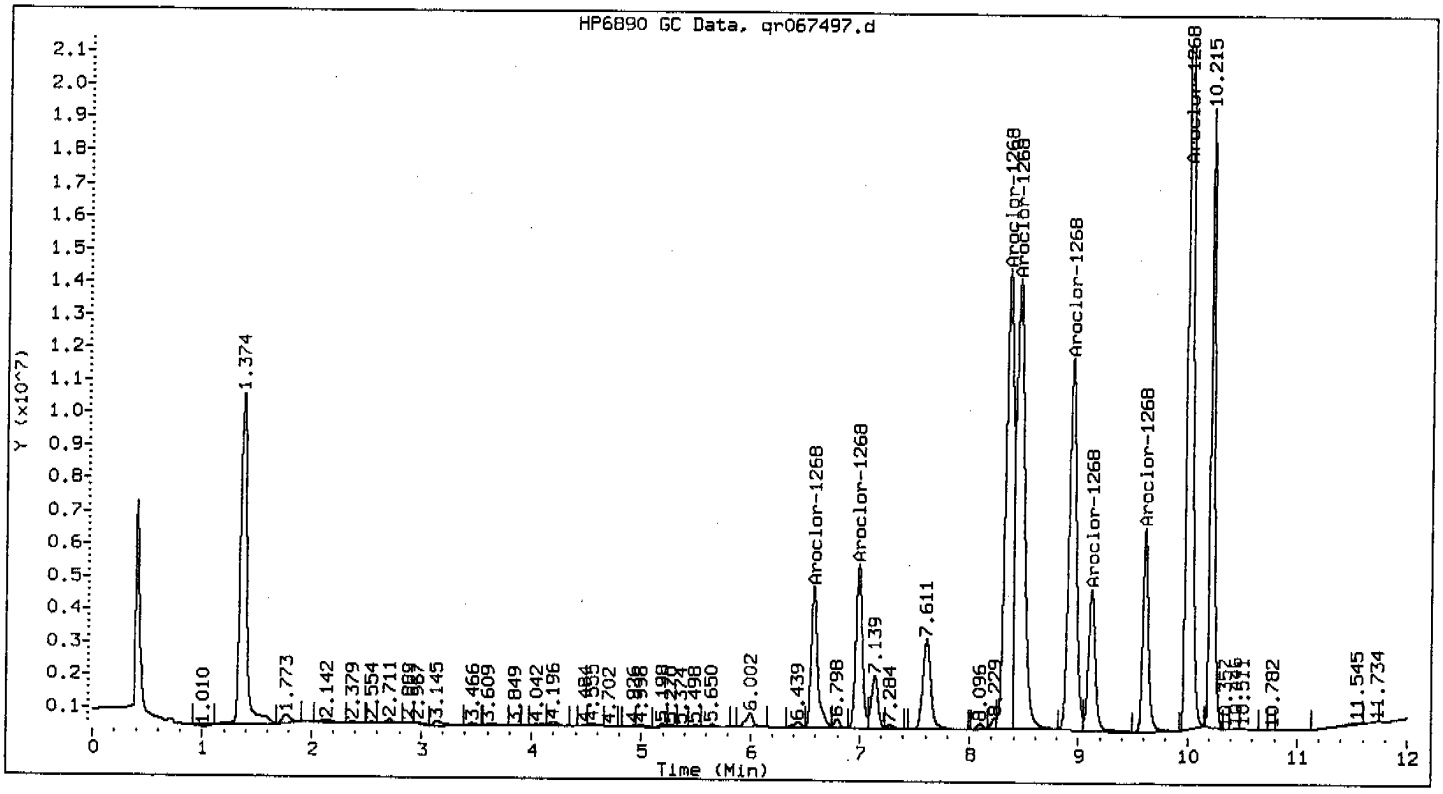
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067497.d

Compound		Midpoint Standard Response Factor
Aroclor-1268		17688.30
	2	20440.31
	3	65330.08
	4	76545.09
	5	55495.25
	6	19665.58
	7	21881.08
	8	107819.13

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1268L3_00002 D
Lab ID : SG1268L3_00002 D
Inj Date : 14-DEC-2007 21:35
Operator : 615
Cpnd Sublist: AR12680

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

12/14/7x

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1268	(M)	6.581	6.581	0.000	17688304	1000.000	1000.000
(2)		6.991	6.991	0.000	20440307	1000.000	1000.000
(3)		8.347	8.347	0.000	65330085	1000.000	1000.000
(4)		8.441	8.441	0.000	76545088	1000.000	1000.000
(5)		8.934	8.934	0.000	55495252	1000.000	1000.000
(6)		9.120	9.120	0.000	19665584	1000.000	1000.000
(7)		9.609	9.609	0.000	21881078	1000.000	1000.000
(8)		10.001	10.001	0.000	107819129	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

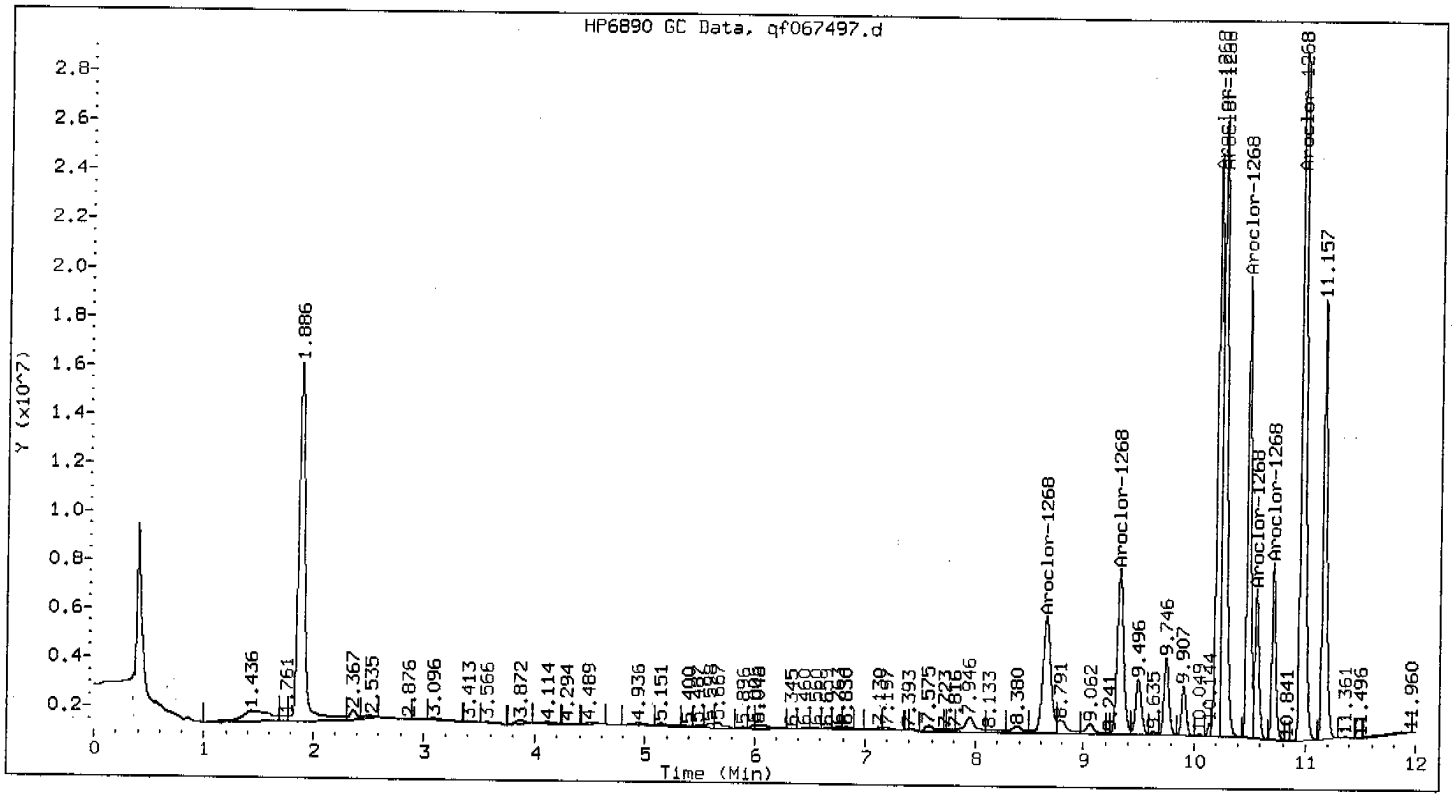
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067497.d

Compound		Midpoint Standard Response Factor
Aroclor-1268		26305.05
	2	27191.15
	3	54702.39
	4	78108.32
	5	44188.07
	6	15730.97
	7	17006.89
	8	92611.66

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/06Qf8082.m
Sample Info : SG1268L3_00002 D
Lab ID : SG1268L3_00002 D
Inj Date : 14-DEC-2007 21:35
Operator : 615
Cpnd Sublist: AR12680

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1268	(M)	8.653	8.653	0.000	26305047	1000.000	1000.000
(2)		9.326	9.326	0.000	27191152	1000.000	1000.000
(3)		10.211	10.211	0.000	54702392	1000.000	1000.000
(4)		10.257	10.257	0.000	78108319	1000.000	1000.000
(5)		10.483	10.483	0.000	44188065	1000.000	1000.000
(6)		10.561	10.561	0.000	15730969	1000.000	1000.000
(7)		10.711	10.711	0.000	17006892	1000.000	1000.000
(8)		10.961	10.961	0.000	92611662	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalg.b/qr067537.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalg.b/06Qr8082.m

Sample Information: SG1660L3_00003 G
Injection Date: 15-DEC-2007 08:50

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.741	1000	1046.70	4.67
Aroclor-1016	2	2.146	1000	1001.08	0.11
Aroclor-1016	3	2.379	1000	1017.34	1.73
Aroclor-1016	4	2.710	1000	969.99	3.00
Aroclor-1016	5	2.884	1000	1019.85	1.99
Aroclor-1016	6	2.960	1000	928.95	7.11
Aroclor-1016	7	3.464	1000	1015.99	1.60
Aroclor-1016	8	3.611	1000	1060.43	6.04
Aroclor-1260	1	5.497	1000	998.55	0.15
Aroclor-1260	2	5.951	1000	974.81	2.52
Aroclor-1260	3	6.390	1000	972.18	2.78
Aroclor-1260	4	6.581	1000	986.23	1.38
Aroclor-1260	5	7.001	1000	991.37	0.86
Aroclor-1260	6	8.248	1000	981.27	1.87
Aroclor-1260	7	8.456	1000	1053.11	5.31
Aroclor-1260	8	9.611	1000	1060.20	6.02

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.354	100	90.91	9.09
Decachlorobiphenyl(sur	10.216	100	104.14	4.14

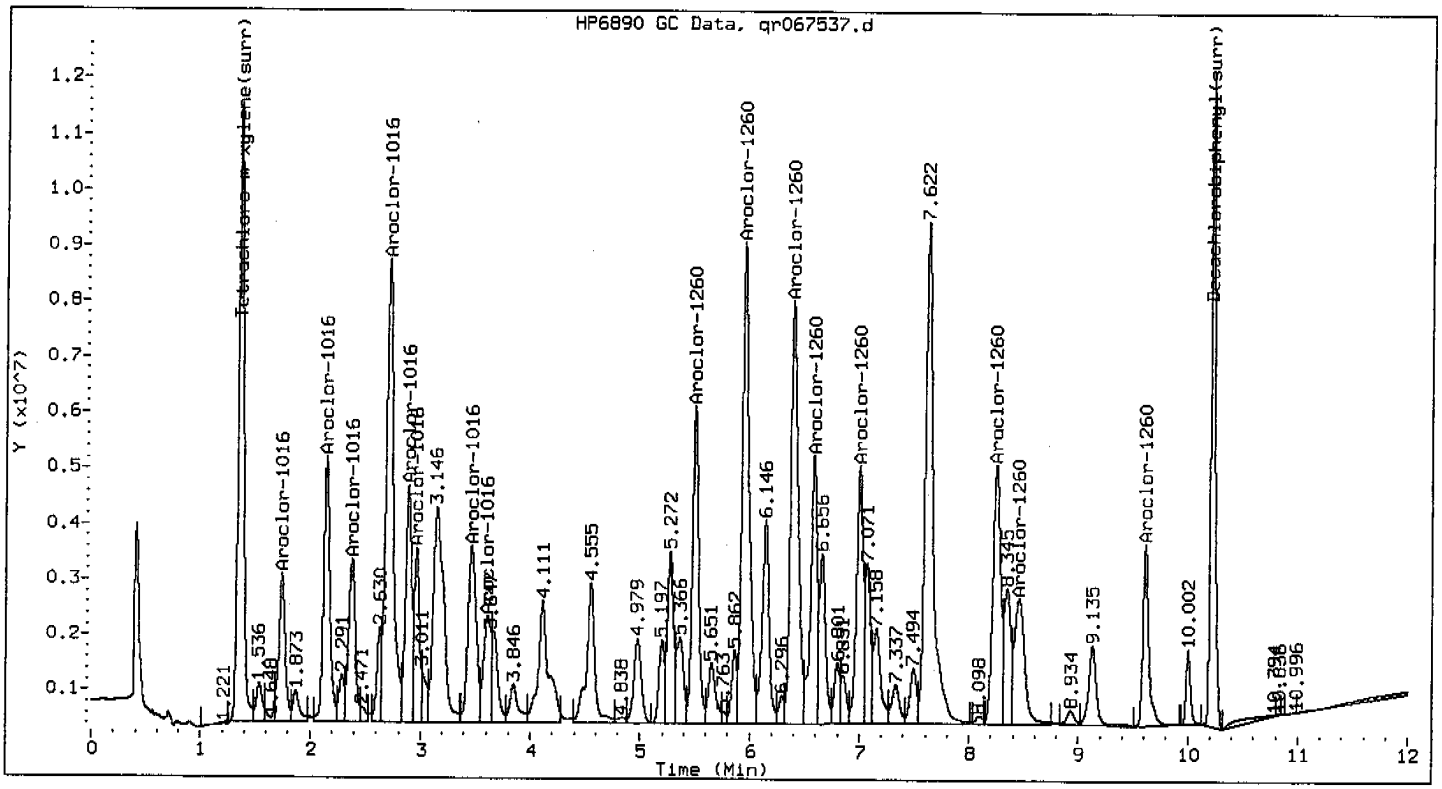
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalg.b/qr067537.d
Injection Date: 15-DEC-2007 08:50

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.741	
	2.155	(2.085 - 2.225)	2.146	
	2.384	(2.314 - 2.454)	2.379	
	2.713	(2.645 - 2.785)	2.710	
	2.888	(2.818 - 2.958)	2.884	
	2.963	(2.893 - 3.033)	2.960	
	3.465	(3.395 - 3.535)	3.464	
	3.613	(3.543 - 3.683)	3.611	
Aroclor-1260	5.495	(5.425 - 5.565)	5.497	
	5.948	(5.878 - 6.018)	5.951	
	6.387	(6.317 - 6.457)	6.390	
	6.578	(6.508 - 6.648)	6.581	
	6.998	(6.928 - 7.068)	7.001	
	8.243	(8.173 - 8.313)	8.248	
	8.453	(8.383 - 8.523)	8.456	
	9.609	(9.539 - 9.679)	9.611	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.354	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.216	



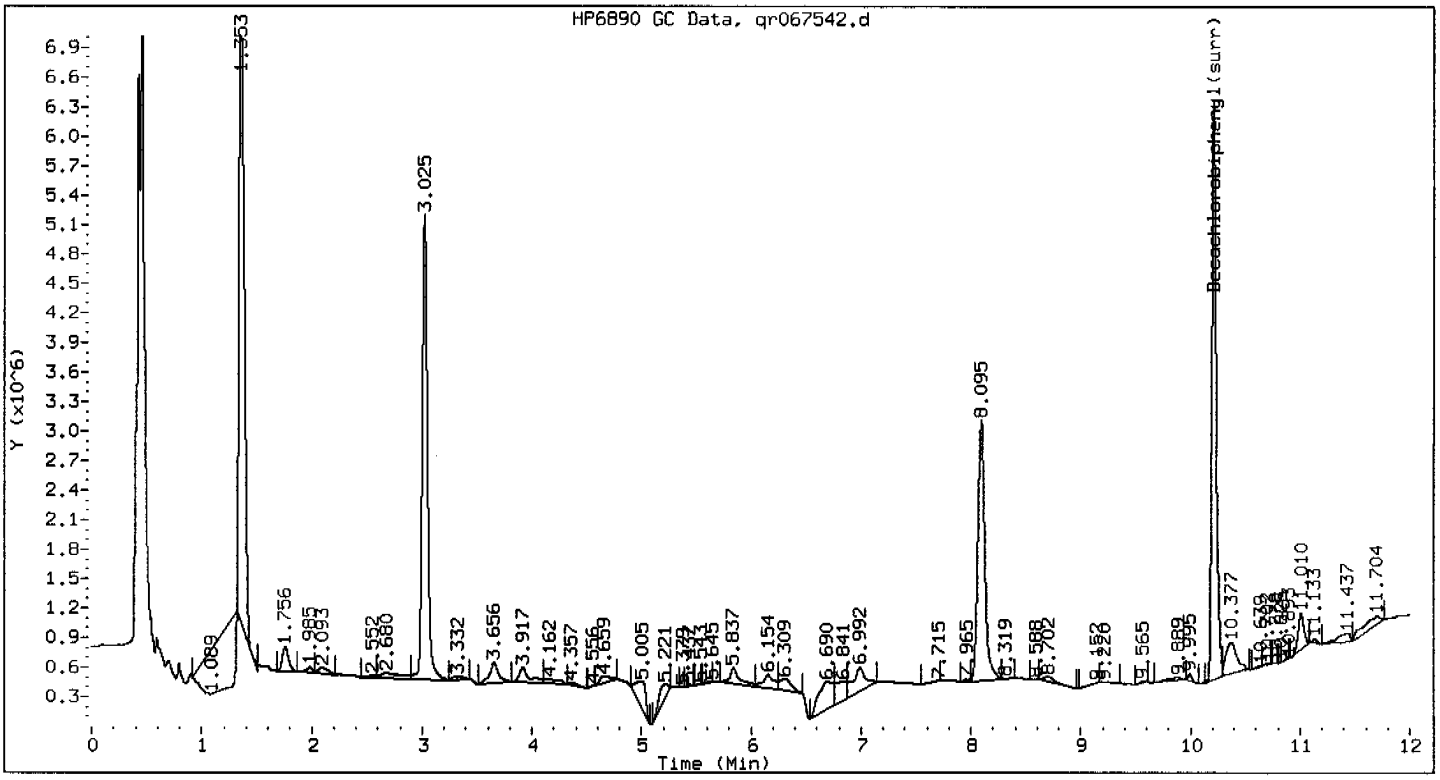
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalg.b/06Qr8082.m
Sample Info : SG1660L3_00003 G
Lab ID : SG1660L3_00003 G
Inj Date : 15-DEC-2007 08:50
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	1.741	1.741	0.000	10825046	1046.702	1046.702
(2)		2.146	2.146	0.000	19021498	1001.076	1001.076
(3)		2.379	2.379	0.000	12912949	1017.339	1017.339
(4)		2.710	2.710	0.000	39333175	969.993	969.993
(5)		2.884	2.884	0.000	16124242	1019.854	1019.854
(6)		2.960	2.960	0.000	10976036	928.948	928.948
(7)		3.464	3.464	0.000	16818285	1015.990	1015.990
(8)		3.611	3.611	0.000	8484608	1060.430	1060.430
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	5.497	5.497	0.000	22634500	998.548	998.548
(2)		5.951	5.951	0.000	39436514	974.814	974.814
(3)		6.390	6.390	0.000	36633397	972.183	972.183
(4)		6.581	6.581	0.000	19587728	986.231	986.231
(5)		7.001	7.001	0.000	19054946	991.368	991.368
(6)		8.248	8.248	0.000	22838396	981.267	981.267

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)		8.456	8.456	0.000	14752042	1053.109	1053.109
(8)		9.611	9.611	0.000	12043159	1060.202	1060.202
Average of peak concentrations:							1000.00
Tetrachloro-m-xylene(surr)	(M)	1.354	1.354	0.000	36352094	90.915	90.915
Decachlorobiphenyl(surr)		10.216	10.216	0.000	31915866	104.139	104.139

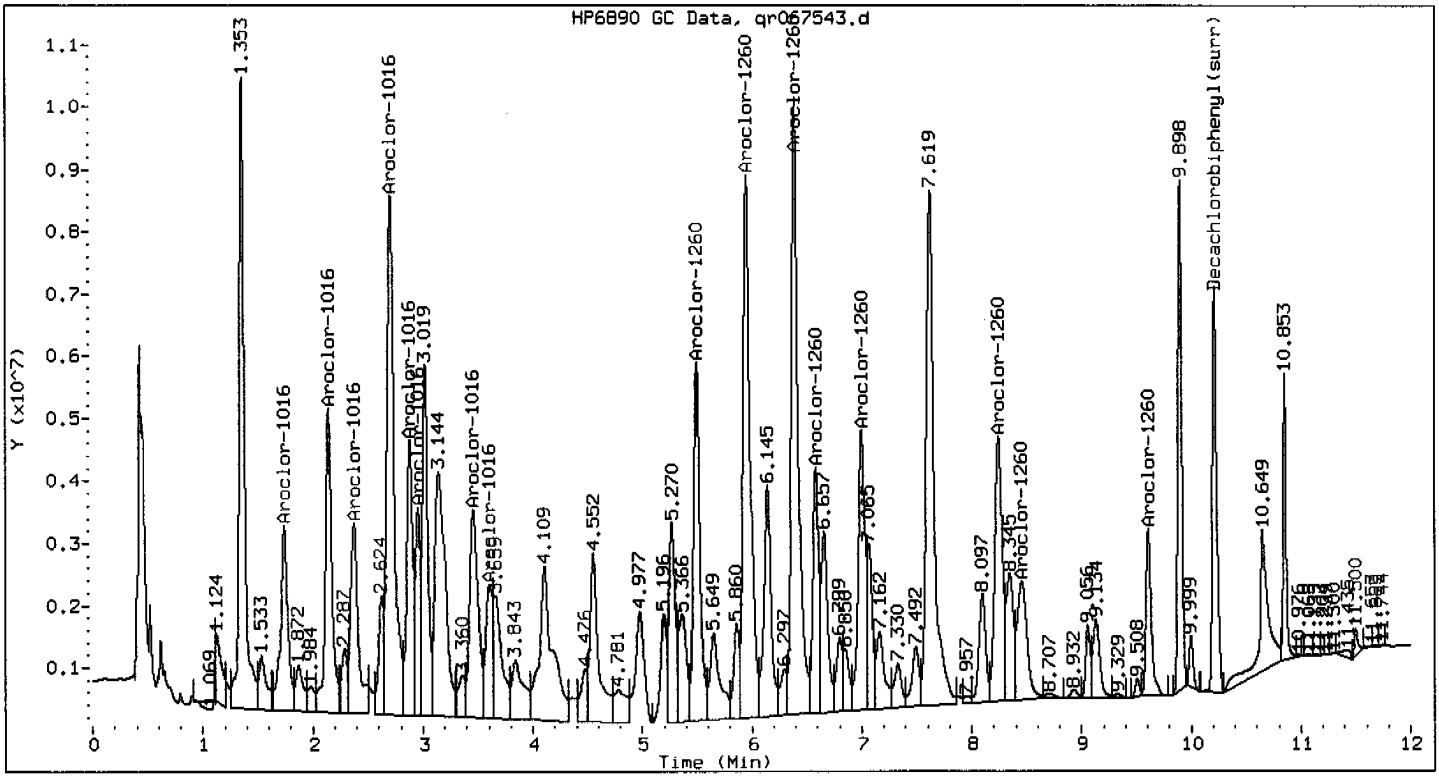
COMMENTS:
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalg.b/06Qr8082.m
Sample Info : wp347;mb77515
Lab ID : WP347 Inst ID : PESTGC8.i
Inj Date : 15-DEC-2007 10:10 Dil Factor : 1
Operator : 615 Sample Matrix : WATER
Cpnd Sublist: PCB8082+ Sample Type: BLANK

12/20/07

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
Decachlorobiphenyl(surr)	10.212	10.216	0.004	16054999	52.386	0.262



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalg.b/06Qr8082.m
Sample Info : 6355bs;bs62056
Lab ID : 6355BS
Inj Date : 15-DEC-2007 10:26
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: BS

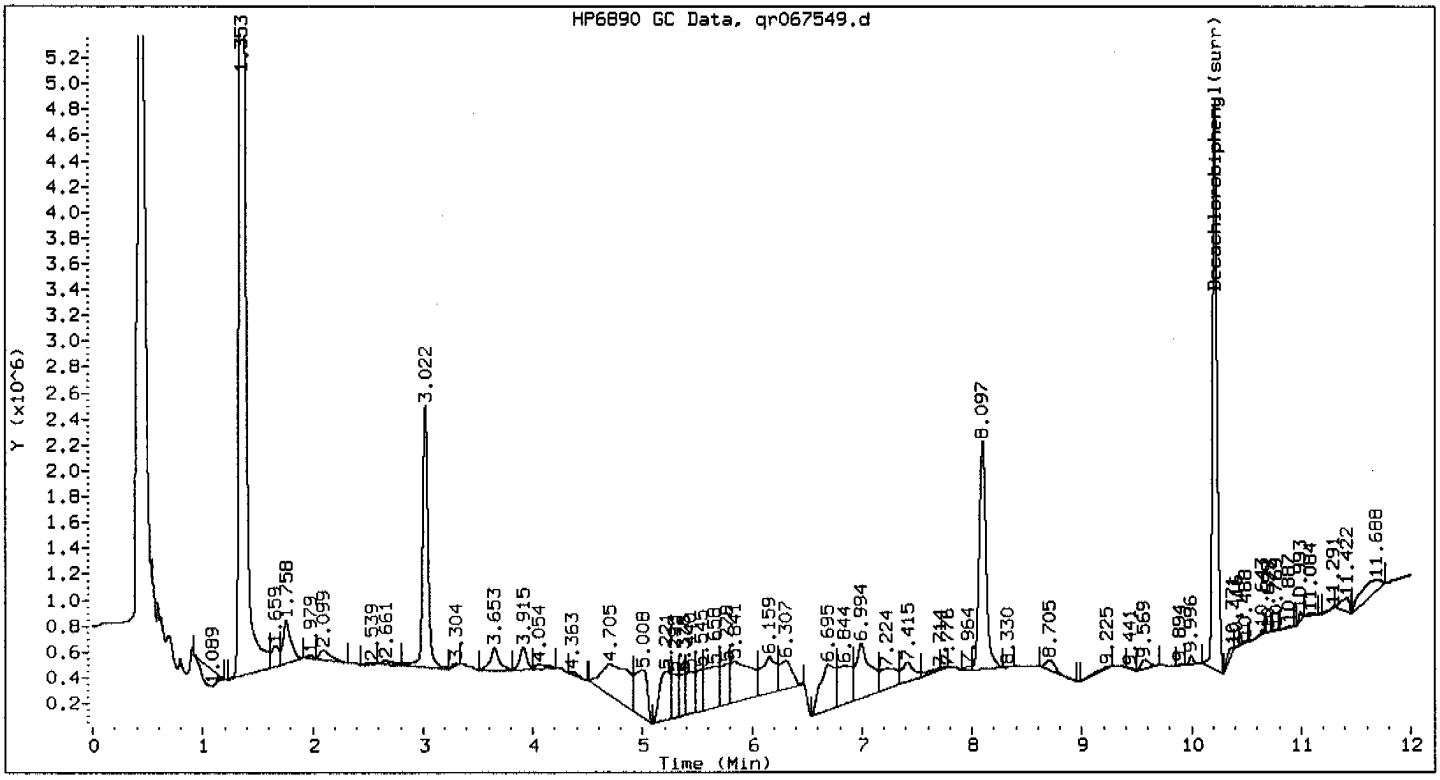
12/20/7

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
Aroclor-1016	(M)	1.740	1.741	0.000	13973706	1351.154	6.756
(2)		2.143	2.146	0.004	20600118	1084.157	5.421
(3)		2.376	2.379	0.003	14898424	1173.764	5.869
(4)		2.706	2.710	0.004	39216865	967.125	4.836
(5)		2.880	2.884	0.004	16709306	1056.860	5.284
(6)		2.956	2.960	0.004	9975735	844.288	4.221
(7)		3.459	3.464	0.005	18228087	1101.156	5.506
(8)		3.608	3.611	0.003	9650985	1206.207	6.031
Average of peak concentrations:							5.50
Aroclor-1260		5.496	5.497	0.001	24055194	1061.224	5.306
(2)		5.949	5.951	0.002	40466750	1000.280	5.001
(3)		6.386	6.390	0.004	43682233	1159.246	5.796
(4)		6.584	6.581	0.002	14640965	737.164	3.686
(5)		7.000	7.001	0.001	19220033	999.957	5.000
(6)		8.244	8.248	0.004	20625783	886.201	4.431

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
(7)	8.455	8.456	0.001	11760490	839.550	4.198
(8)	9.609	9.611	0.001	9024383	794.448	3.972
Average of peak concentrations:						4.70
Decachlorobiphenyl(surr)	10.213	10.216	0.004	17522003	57.173	0.286

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalg.b/06Qr8082.m
Sample Info : 884067;4040227
Lab ID : 884067
Inj Date : 15-DEC-2007 12:00
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: SAMPLE

12/20/07

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
Decachlorobiphenyl(surr)	10.211	10.216	0.005	12140857	39.615	0.198

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/qr067552.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m

Sample Information: SG1660L3_00003 H
Injection Date: 15-DEC-2007 12:48

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.740	1000	1039.95	4.00
Aroclor-1016	2	2.145	1000	1002.15	0.22
Aroclor-1016	3	2.378	1000	1001.46	0.15
Aroclor-1016	4	2.708	1000	967.77	3.22
Aroclor-1016	5	2.883	1000	1015.96	1.60
Aroclor-1016	6	2.958	1000	970.08	2.99
Aroclor-1016	7	3.462	1000	993.95	0.60
Aroclor-1016	8	3.609	1000	1099.12	9.91
Aroclor-1260	1	5.495	1000	971.02	2.90
Aroclor-1260	2	5.948	1000	955.41	4.46
Aroclor-1260	3	6.388	1000	951.52	4.85
Aroclor-1260	4	6.579	1000	958.96	4.10
Aroclor-1260	5	6.999	1000	959.11	4.09
Aroclor-1260	6	8.243	1000	958.44	4.16
Aroclor-1260	7	8.452	1000	1001.22	0.12
Aroclor-1260	8	9.609	1000	1094.61	9.46

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.354	100	93.03	6.97
Decachlorobiphenyl(sur	10.210	100	103.12	3.12

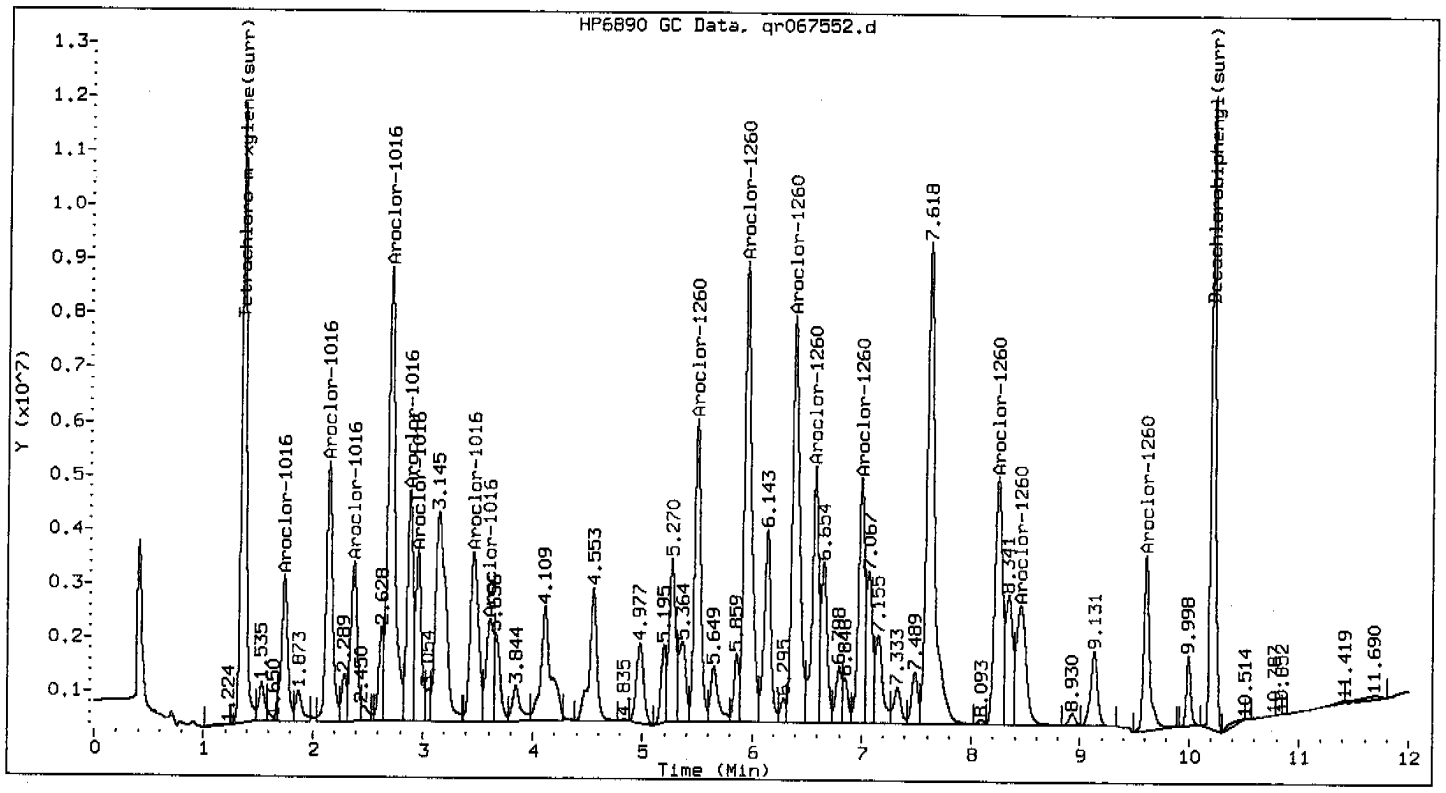
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/qr067552.d
Injection Date: 15-DEC-2007 12:48

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.740	
	2.155	(2.085 - 2.225)	2.145	
	2.384	(2.314 - 2.454)	2.378	
	2.713	(2.645 - 2.785)	2.708	
	2.888	(2.818 - 2.958)	2.883	
	2.963	(2.893 - 3.033)	2.958	
	3.465	(3.395 - 3.535)	3.462	
	3.613	(3.543 - 3.683)	3.609	
Aroclor-1260	5.495	(5.425 - 5.565)	5.495	
	5.948	(5.878 - 6.018)	5.948	
	6.387	(6.317 - 6.457)	6.388	
	6.578	(6.508 - 6.648)	6.579	
	6.998	(6.928 - 7.068)	6.999	
	8.243	(8.173 - 8.313)	8.243	
	8.453	(8.383 - 8.523)	8.452	
	9.609	(9.539 - 9.679)	9.609	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.354	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.210	



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : SG1660L3_00003 H
Lab ID : SG1660L3_00003 H
Inj Date : 15-DEC-2007 12:48
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	1.740	1.740	0.000	10755238	1039.952	1039.952
(2)		2.145	2.145	0.000	19041964	1002.153	1002.153
(3)		2.378	2.378	0.000	12711377	1001.458	1001.458
(4)		2.708	2.708	0.000	39243141	967.773	967.773
(5)		2.883	2.883	0.000	16062727	1015.964	1015.964
(6)		2.958	2.958	0.000	11461983	970.075	970.075
(7)		3.462	3.462	0.000	16453489	993.953	993.953
(8)		3.609	3.609	0.000	8794160	1099.119	1099.119
Average of peak concentrations:							1000.00
Aroclor-1260		5.495	5.495	0.000	22010548	971.022	971.022
(2)		5.948	5.948	0.000	38651401	955.407	955.407
(3)		6.388	6.388	0.000	35854713	951.518	951.518
(4)		6.579	6.579	0.000	19046049	958.958	958.958
(5)		6.999	6.999	0.000	18434958	959.112	959.112
(6)		8.243	8.243	0.000	22307190	958.444	958.444

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	8.452	8.452	0.000	14025133	1001.217	1001.217
(8)	9.609	9.609	0.000	12434042	1094.612	1094.612
Average of peak concentrations:						980.00
Tetrachloro-m-xylene(surr)	1.354	1.354	0.000	37199286	93.033	93.033
Decachlorobiphenyl(surr)	10.210	10.210	0.000	31603784	103.121	103.121

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalh.b/qf067552.d
Method: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalh.b/06Qf8082.m

Sample Information: SG1660L3_00003 H
Injection Date: 15-DEC-2007 12:48

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.521	1000	1079.90	7.99
Aroclor-1016	2	3.089	1000	999.38	0.06
Aroclor-1016	3	3.465	1000	885.97	11.40
Aroclor-1016	4	3.869	1000	976.88	2.31
Aroclor-1016	5	4.114	1000	1008.75	0.87
Aroclor-1016	6	4.554	1000	995.38	0.46
Aroclor-1016	7	4.941	1000	933.40	6.66
Aroclor-1016	8	5.153	1000	1008.53	0.85
Aroclor-1260	1	7.130	1000	1029.22	2.92
Aroclor-1260	2	7.573	1000	1001.02	0.10
Aroclor-1260	3	8.396	1000	1069.98	7.00
Aroclor-1260	4	8.651	1000	1047.81	4.78
Aroclor-1260	5	8.795	1000	1084.99	8.50
Aroclor-1260	6	9.317	1000	1062.19	6.22
Aroclor-1260	7	10.209	1000	1049.75	4.97
Aroclor-1260	8	10.699	1000	1019.45	1.95

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.874	100	99.25	0.75
Decachlorobiphenyl(sur	11.134	100	104.74	4.74

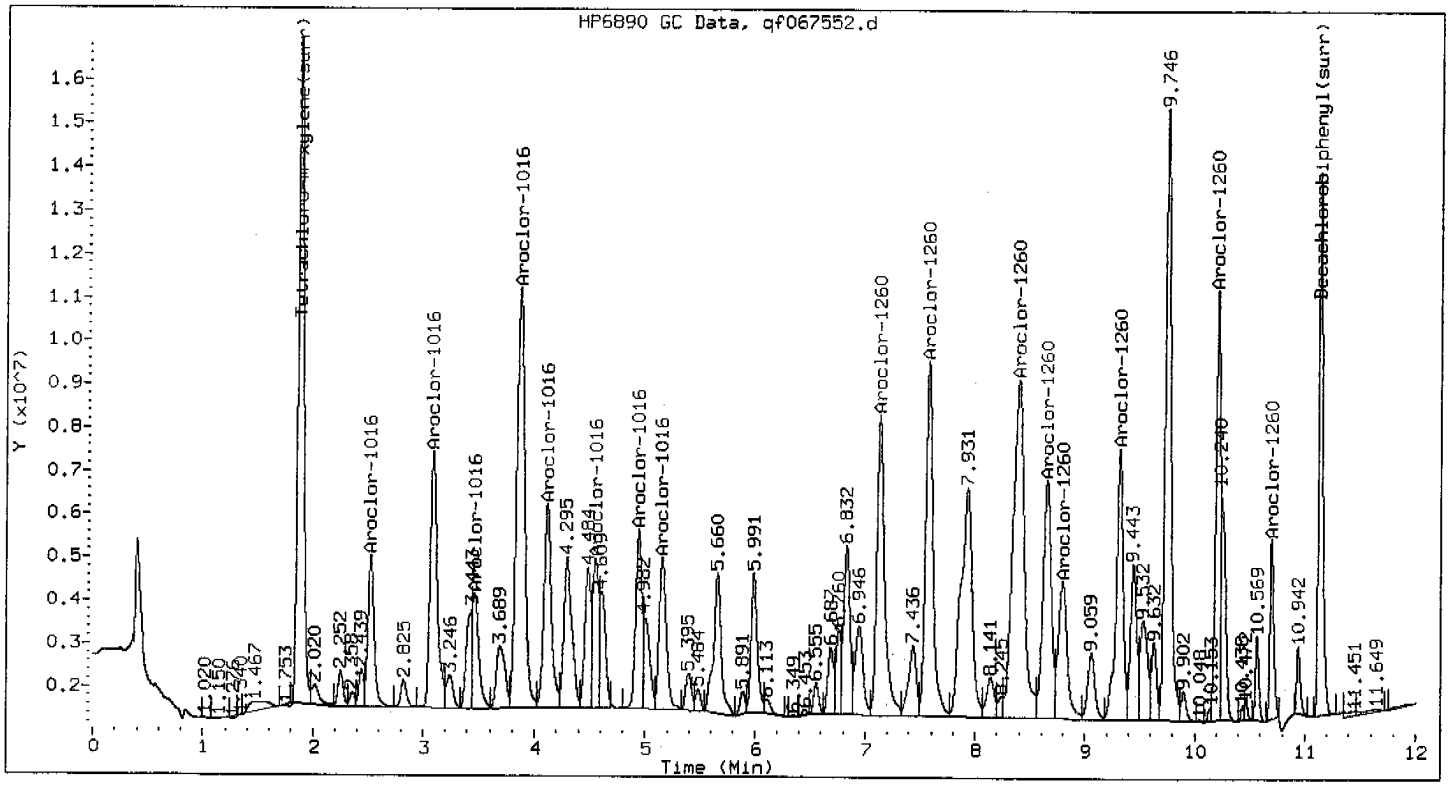
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalh.b/qf067552.d
Injection Date: 15-DEC-2007 12:48

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.517	(2.447 - 2.587)	2.521	
	3.082	(3.012 - 3.152)	3.089	
	3.454	(3.384 - 3.524)	3.465	
	3.859	(3.789 - 3.929)	3.869	
	4.104	(4.034 - 4.174)	4.114	
	4.544	(4.474 - 4.614)	4.554	
	4.933	(4.863 - 5.003)	4.941	
	5.144	(5.074 - 5.214)	5.153	
Aroclor-1260	7.124	(7.054 - 7.194)	7.130	
	7.565	(7.495 - 7.635)	7.573	
	8.387	(8.317 - 8.457)	8.396	
	8.642	(8.572 - 8.712)	8.651	
	8.789	(8.719 - 8.859)	8.795	
	9.312	(9.242 - 9.382)	9.317	
	10.211	(10.141 - 10.281)	10.209	
	10.709	(10.639 - 10.779)	10.699	
Tetrachloro-m-xylene(surr)	1.876	(1.826 - 1.926)	1.874	
Decachlorobiphenyl(surr)	11.154	(11.054 - 11.254)	11.134	



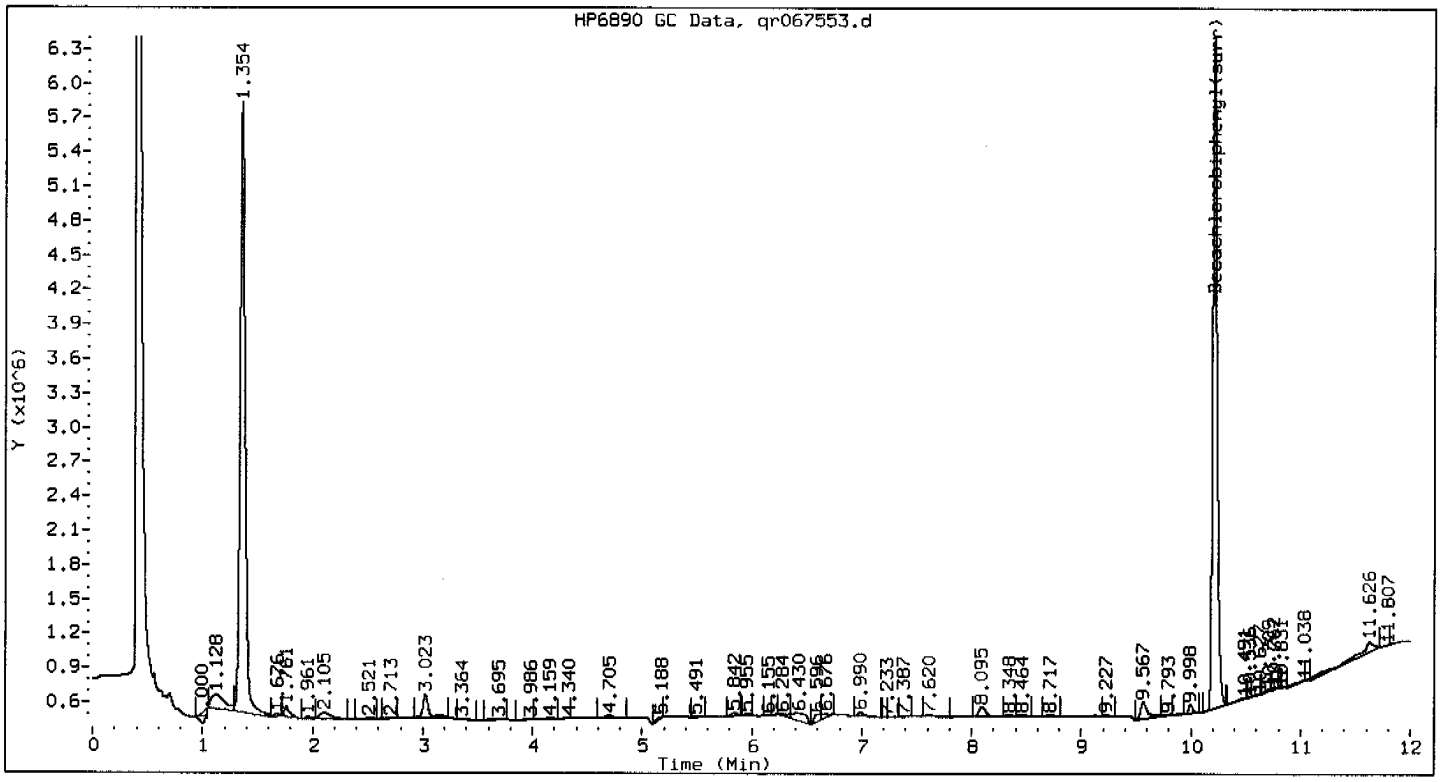
Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalh.b/06Qf8082.m
Sample Info : SG1660L3_00003 H
Lab ID : SG1660L3_00003 H
Inj Date : 15-DEC-2007 12:48
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.521	2.521	0.000	13921518	1079.902	1079.902
(2)		3.089	3.089	0.000	26921486	999.380	999.380
(3)		3.465	3.465	0.000	10488941	885.971	885.971
(4)		3.869	3.869	0.000	50586916	976.882	976.882
(5)		4.114	4.114	0.000	22667263	1008.749	1008.749
(6)		4.554	4.554	0.000	13833626	995.378	995.378
(7)		4.941	4.941	0.000	15506776	933.395	933.395
(8)		5.153	5.153	0.000	16392466	1008.526	1008.526
Average of peak concentrations:							990.00
Aroclor-1260	(M)	7.130	7.130	0.000	34253265	1029.216	1029.216
(2)		7.573	7.573	0.000	39195607	1001.019	1001.019
(3)		8.396	8.396	0.000	56223025	1069.982	1069.982
(4)		8.651	8.651	0.000	29967310	1047.814	1047.814
(5)		8.795	8.795	0.000	18232642	1084.990	1084.990
(6)		9.317	9.317	0.000	27884636	1062.188	1062.188

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)		10.209	10.209	0.000	28297315	1049.748	1049.748
(8)		10.699	10.699	0.000	9732877	1019.451	1019.451
Average of peak concentrations:							1000.00
Tetrachloro-m-xylene(surr)	(M)	1.874	1.874	0.000	54613835	99.254	99.254
Decachlorobiphenyl(surr)	(M)	11.134	11.134	0.000	30660146	104.743	104.743

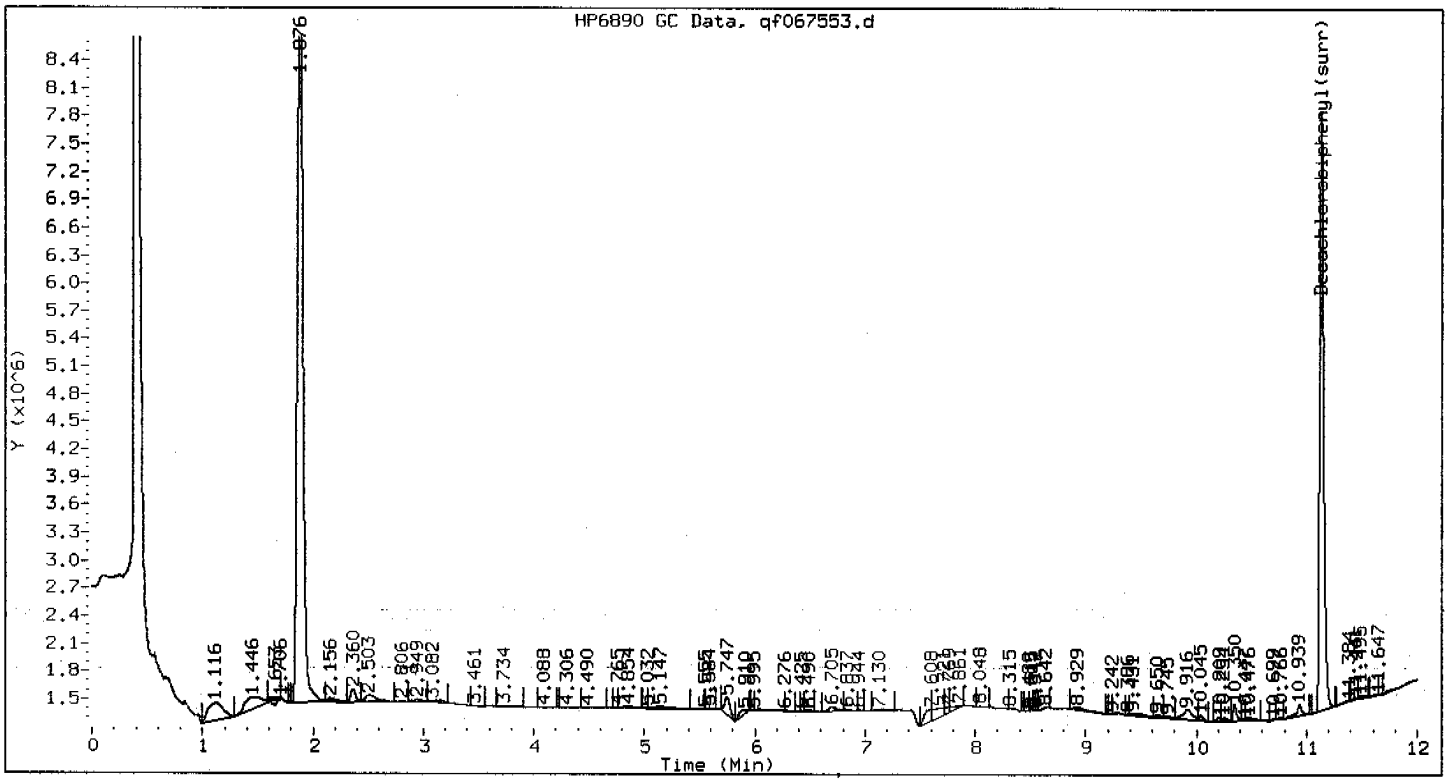
COMMENTS:
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : sp347y;mb77518
Lab ID : SP347Y
Inj Date : 15-DEC-2007 13:04
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

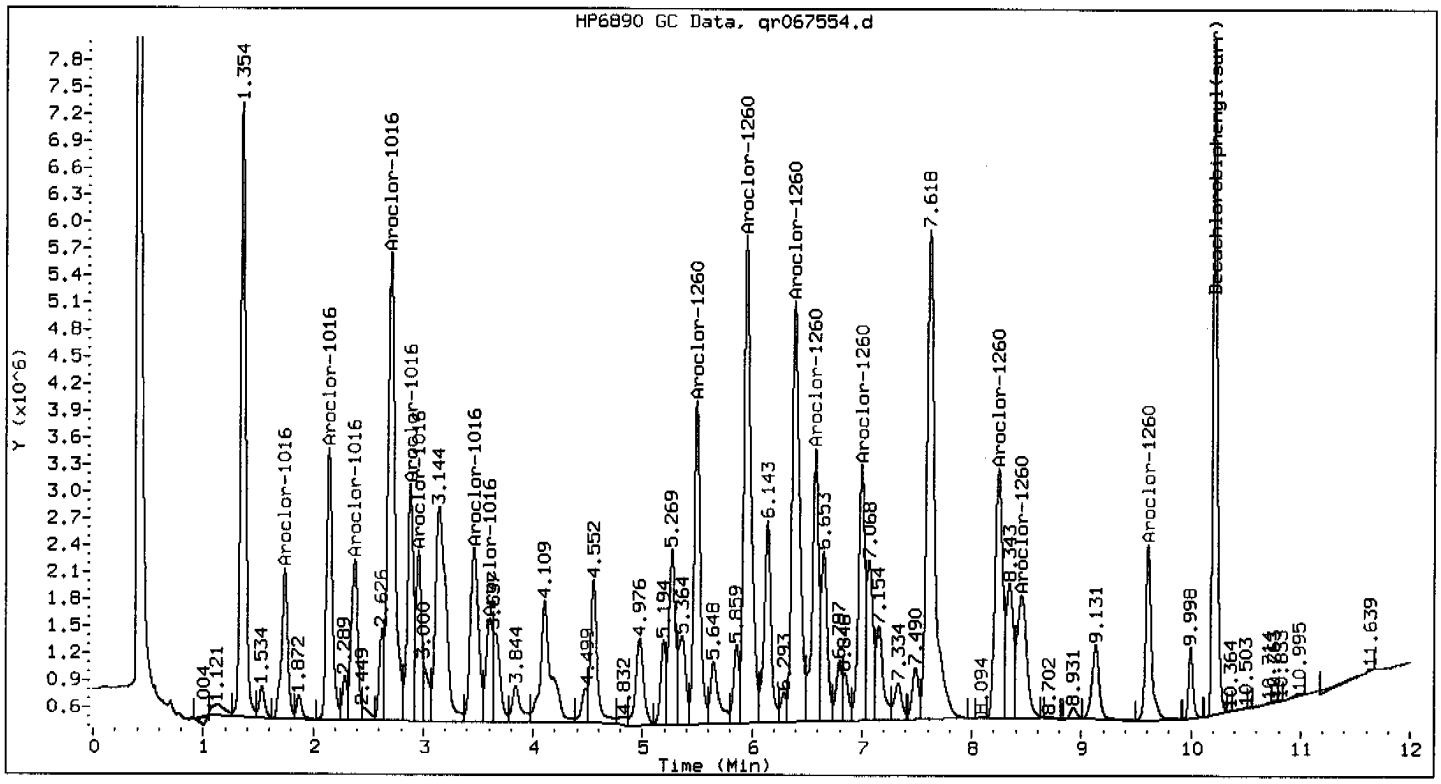
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.211	10.210	0.001	15828757	51.648	34.432



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalh.b/06Qf8082.m
Sample Info : sp347y;mb77518
Lab ID : SP347Y
Inj Date : 15-DEC-2007 13:04
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	11.131	11.134	0.002	15745421	53.790	35.860



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : 6361bs;bs62058
Lab ID : 6361BS
Inj Date : 15-DEC-2007 13:21
Operator : 615
Cpnd Sublist: PCB8082+

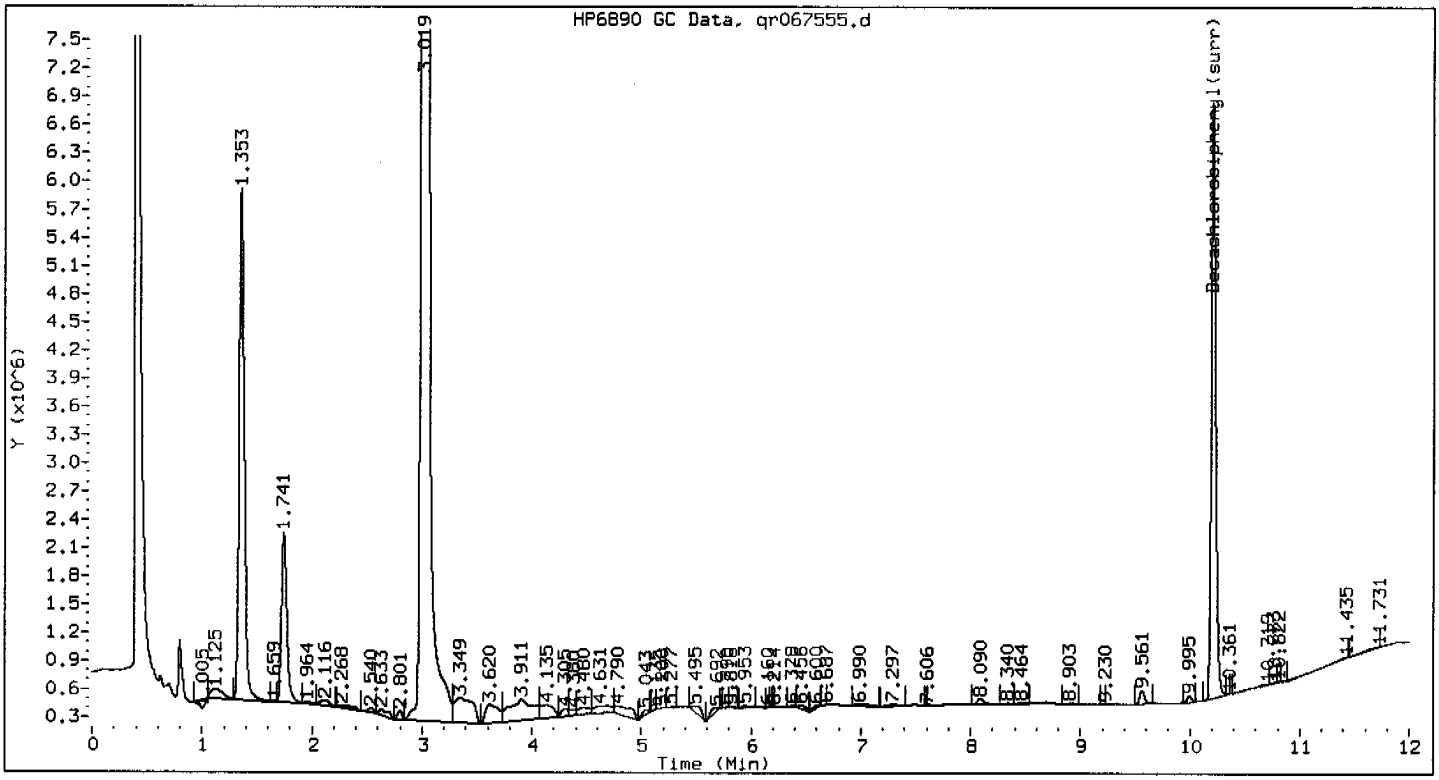
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	1.739	1.740	0.001	6561719	634.470	422.980
(2)		2.144	2.145	0.001	11411020	600.547	400.365
(3)		2.378	2.378	0.000	7482431	589.499	392.999
(4)		2.707	2.708	0.001	23972972	591.196	394.131
(5)		2.882	2.883	0.001	9768572	617.860	411.907
(6)		2.957	2.958	0.001	6322966	535.139	356.759
(7)		3.461	3.462	0.001	10057645	607.581	405.054
(8)		3.608	3.609	0.001	4615642	576.876	384.584
Average of peak concentrations:							400.00
Aroclor-1260		5.494	5.495	0.001	14547325	641.773	427.848
(2)		5.948	5.948	0.000	24944017	616.580	411.054
(3)		6.388	6.388	0.000	22591006	599.524	399.682
(4)		6.579	6.579	0.000	12385077	623.581	415.721
(5)		6.999	6.999	0.000	11770954	612.405	408.270
(6)		8.244	8.243	0.002	13326526	572.583	381.722

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	8.453	8.452	0.001	8359963	596.796	397.864
(8)	9.609	9.609	0.000	7278114	640.718	427.145
Average of peak concentrations:						410.00
Decachlorobiphenyl(surr)	10.211	10.210	0.001	20313589	66.282	44.188

COMMENTS:

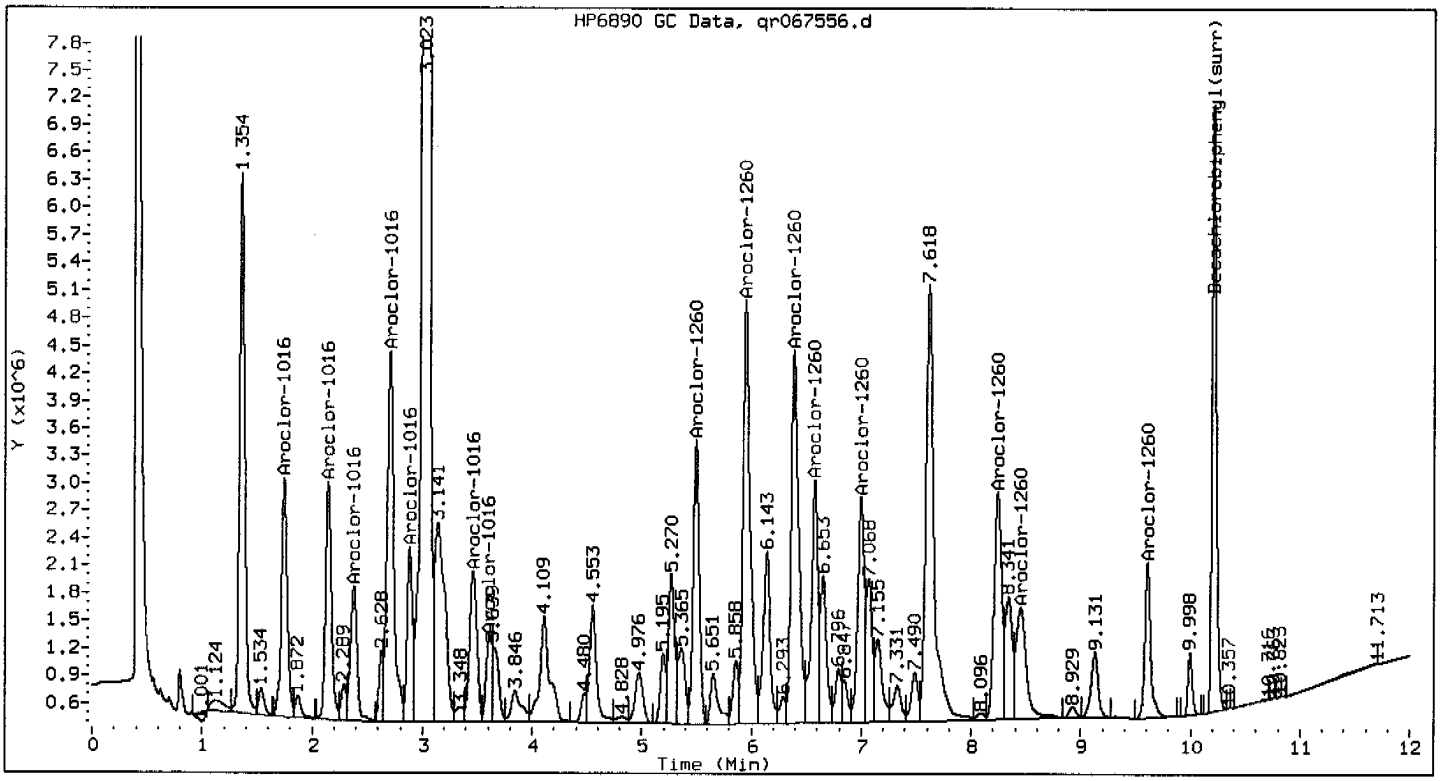
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : 884053;4040045
Lab ID : 884053
Inj Date : 15-DEC-2007 13:36
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.208	10.210	0.002	16622410	54.238	64.916



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : 884053ms;4047606
Lab ID : 884053MS
Inj Date : 15-DEC-2007 13:52
Operator : 615
Cpnd Sublist: PCB8082+

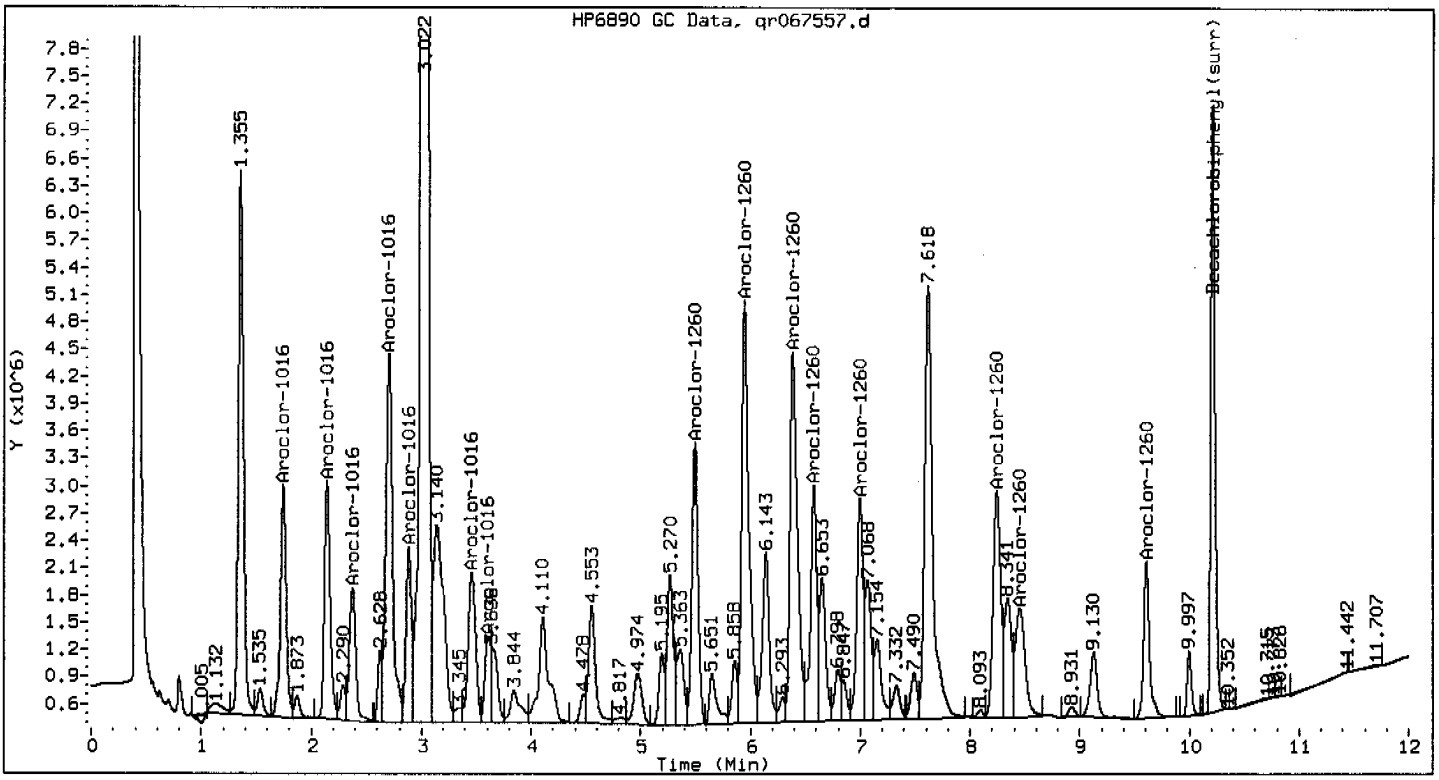
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: MS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	1.742	1.740	0.001	9573193	925.657	1107.908
(2)		2.146	2.145	0.001	9606102	505.556	605.094
(3)		2.378	2.378	0.001	6216474	489.761	586.189
(4)		2.708	2.708	0.000	17557132	432.975	518.223
(5)		2.885	2.883	0.002	6666816	421.674	504.697
(6)		------	2.958	------	------	------	------ (*)
(7)		3.462	3.462	0.000	7804736	471.483	564.312
(8)		3.612	3.609	0.003	3437246	429.597	514.179
Average of peak concentrations:							630.00
Aroclor-1260		5.495	5.495	0.000	12038847	531.108	635.677
(2)		5.948	5.948	0.001	21079041	521.044	623.631
(3)		6.387	6.388	0.001	19311898	512.502	613.408
(4)		6.578	6.579	0.000	10892644	548.438	656.419
(5)		6.998	6.999	0.000	10087770	524.835	628.168
(6)		8.242	8.243	0.001	11932756	512.699	613.643

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)	8.451	8.452	0.001	8047873	574.516	687.632
(8)	9.608	9.609	0.001	6338672	558.016	667.882
Average of peak concentrations:						640.00
Decachlorobiphenyl(surr)	10.210	10.210	0.000	17543535	57.243	68.514

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : 884053sd;4047607
Lab ID : 884053MSD
Inj Date : 15-DEC-2007 14:09
Operator : 615
Cpnd Sublist: PCB8082+

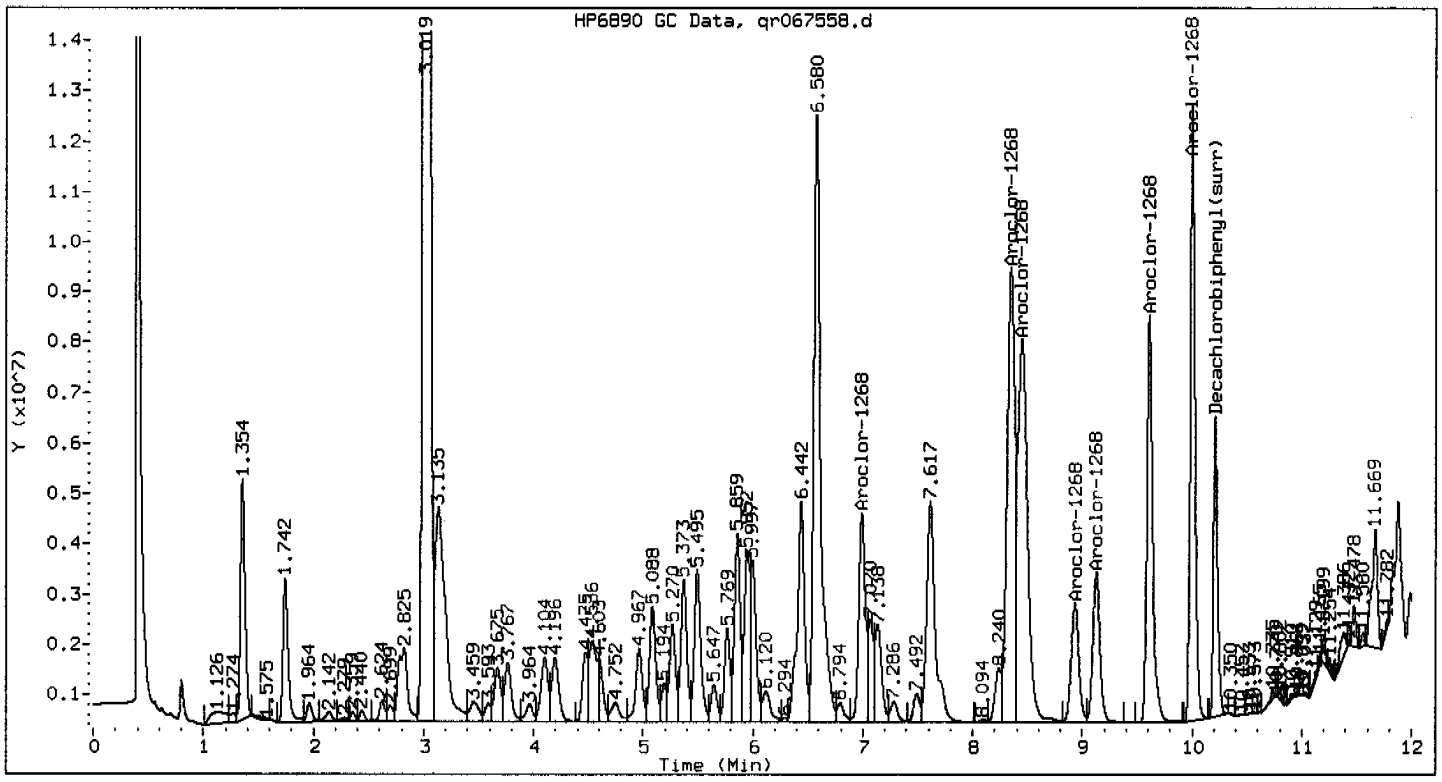
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: MSD

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	1.743	1.740	0.002	9350206	904.096	1082.101
(2)		2.145	2.145	0.000	9586595	504.530	603.866
(3)		2.378	2.378	0.001	6191909	487.826	583.873
(4)		2.707	2.708	0.001	17590713	433.803	519.214
(5)		2.884	2.883	0.001	6694244	423.409	506.774
(6)		------	2.958	------	------	------	------ (*)
(7)		3.460	3.462	0.002	7832227	473.144	566.300
(8)		3.611	3.609	0.002	3459843	432.421	517.560
Average of peak concentrations:							620.00
Aroclor-1260		5.495	5.495	0.000	12049801	531.591	636.255
(2)		5.948	5.948	0.000	21082541	521.130	623.735
(3)		6.387	6.388	0.001	19319592	512.706	613.652
(4)		6.578	6.579	0.000	10440751	525.686	629.187
(5)		6.998	6.999	0.000	9987418	519.614	621.919
(6)		8.242	8.243	0.001	11948634	513.381	614.460

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	8.452	8.452	0.000	7549934	538.970	645.086
(8)	9.608	9.609	0.001	6501706	572.368	685.060
Average of peak concentrations:						630.00
Decachlorobiphenyl(surr)	10.210	10.210	0.000	17721663	57.824	69.209

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



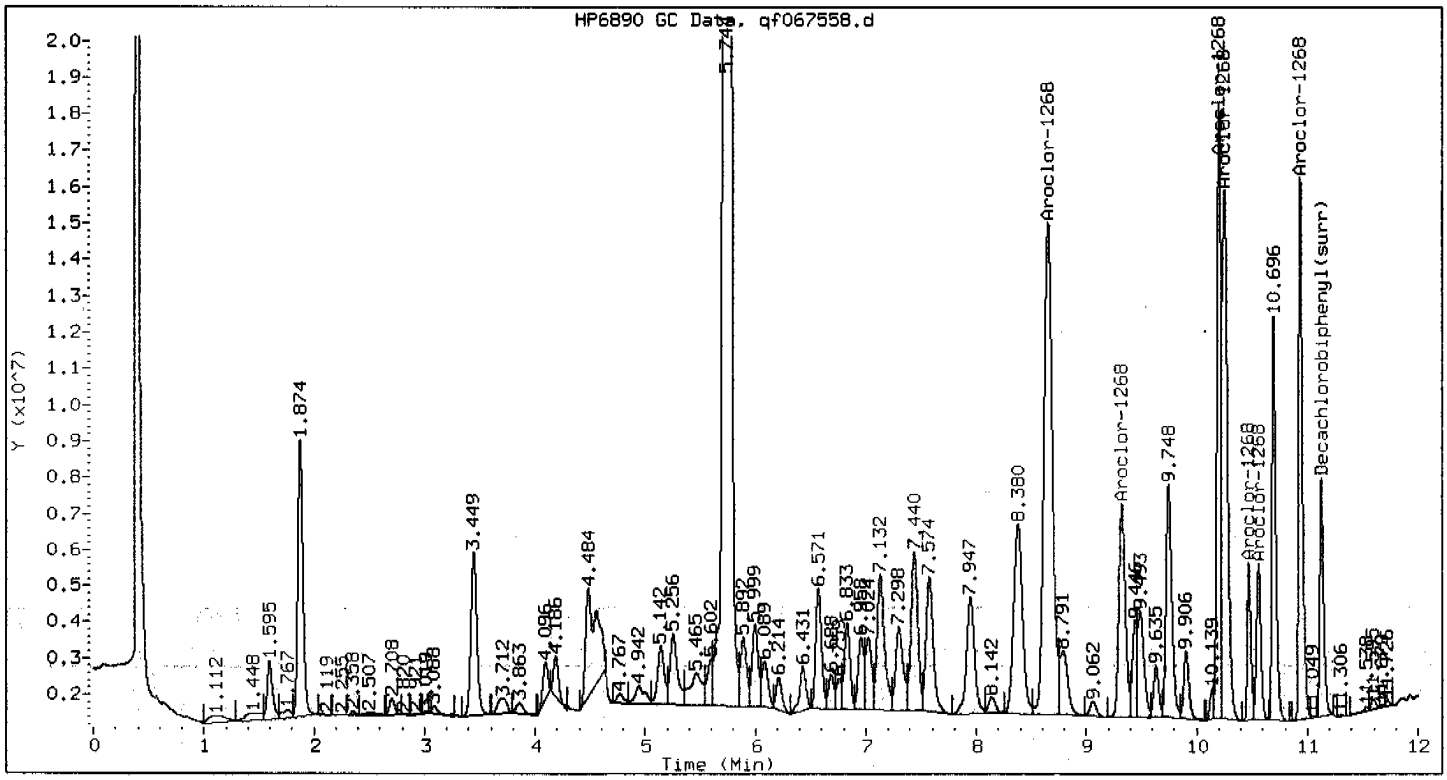
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : 884049;4040035
Lab ID : 884049
Inj Date : 15-DEC-2007 14:25
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1268	------	6.581	------	------	------	------ (*)
(2)	6.994	6.991	0.002	17117217	837.425	1195.467
(3)	8.347	8.347	0.000	44471820	680.725	971.770
(4)	8.446	8.441	0.005	46371719	605.809	864.824
(5)	8.934	8.934	0.000	11494727	207.130	295.689
(6)	9.129	9.120	0.009	13418398	682.329	974.060
(7)	9.609	9.609	0.001	29413138	1344.227	1918.954
(8)	9.999	10.001	0.001	36803898	341.349	487.293
Average of peak concentrations:						960.00
Decachlorobiphenyl(surr)	10.210	10.210	0.000	15550074	50.739	72.432

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



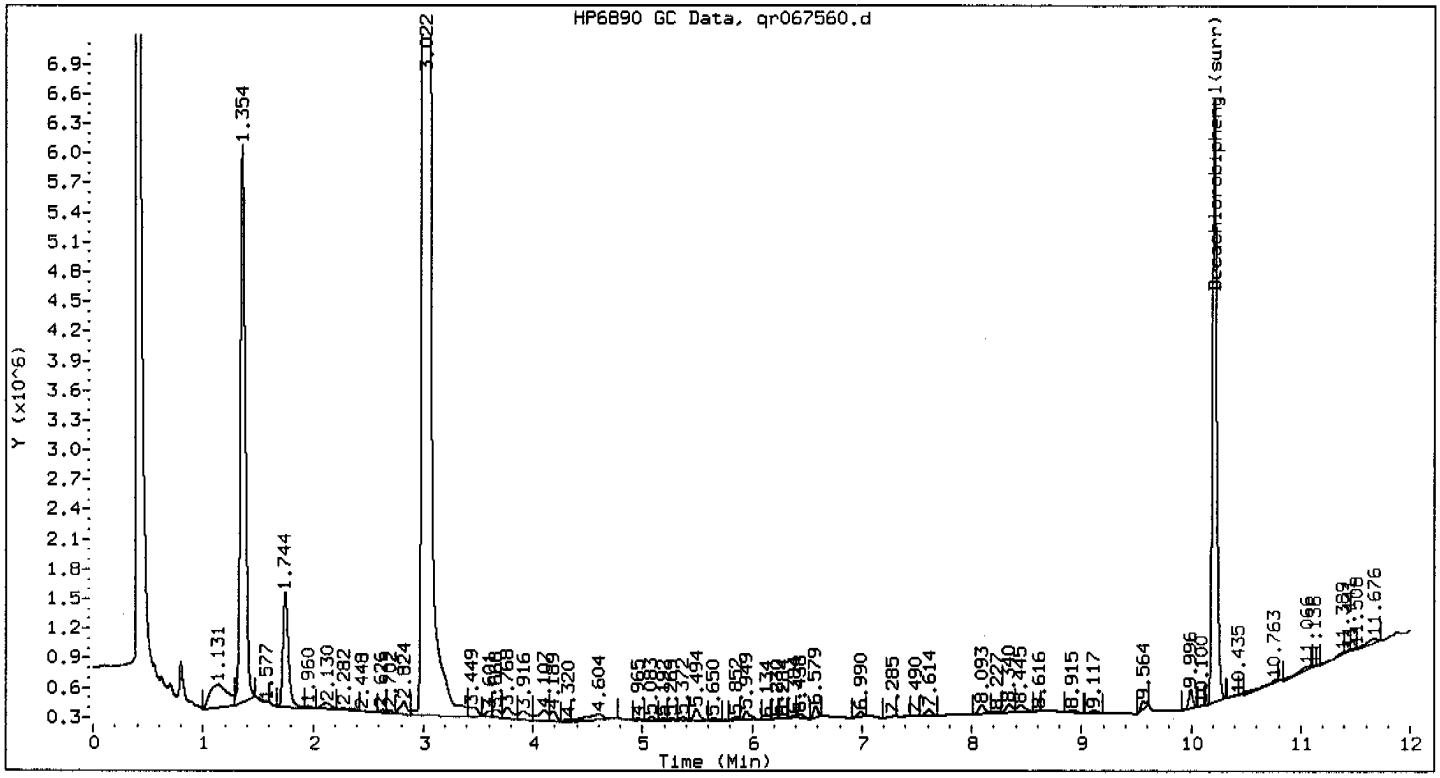
Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalh.b/06Qf8082.m
Sample Info : 884049;4040035
Lab ID : 884049
Inj Date : 15-DEC-2007 14:25
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1268	8.652	8.653	0.001	74274311	2823.576	4030.801
(2)	9.325	9.326	0.001	23675376	870.701	1242.971
(3)	10.206	10.211	0.005	40738735	744.734	1063.146
(4)	10.254	10.257	0.003	49362150	631.970	902.171
(5)	10.474	10.483	0.010	9810162	222.009	316.930
(6)	10.562	10.561	0.001	12004746	763.128	1089.405
(7)	------	10.711	------	------	------	------ (*)
(8)	10.938	10.961	0.024	35296308	381.122	544.071
Average of peak concentrations:						1300.00
Decachlorobiphenyl(surr)	11.126	11.134	0.008	15922093	54.394	77.650

COMMENTS:

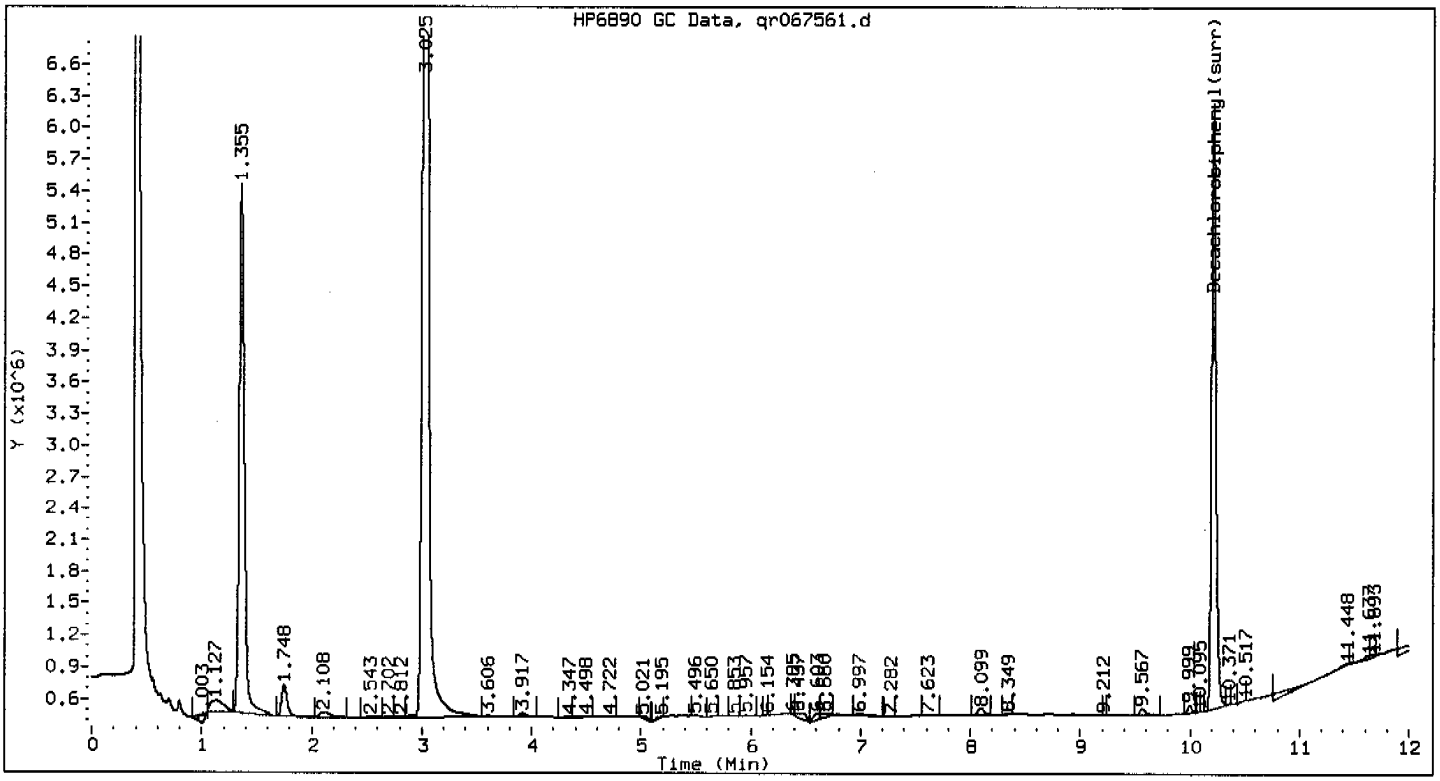
* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : 884052;4040042
Lab ID : 884052
Inj Date : 15-DEC-2007 14:58
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

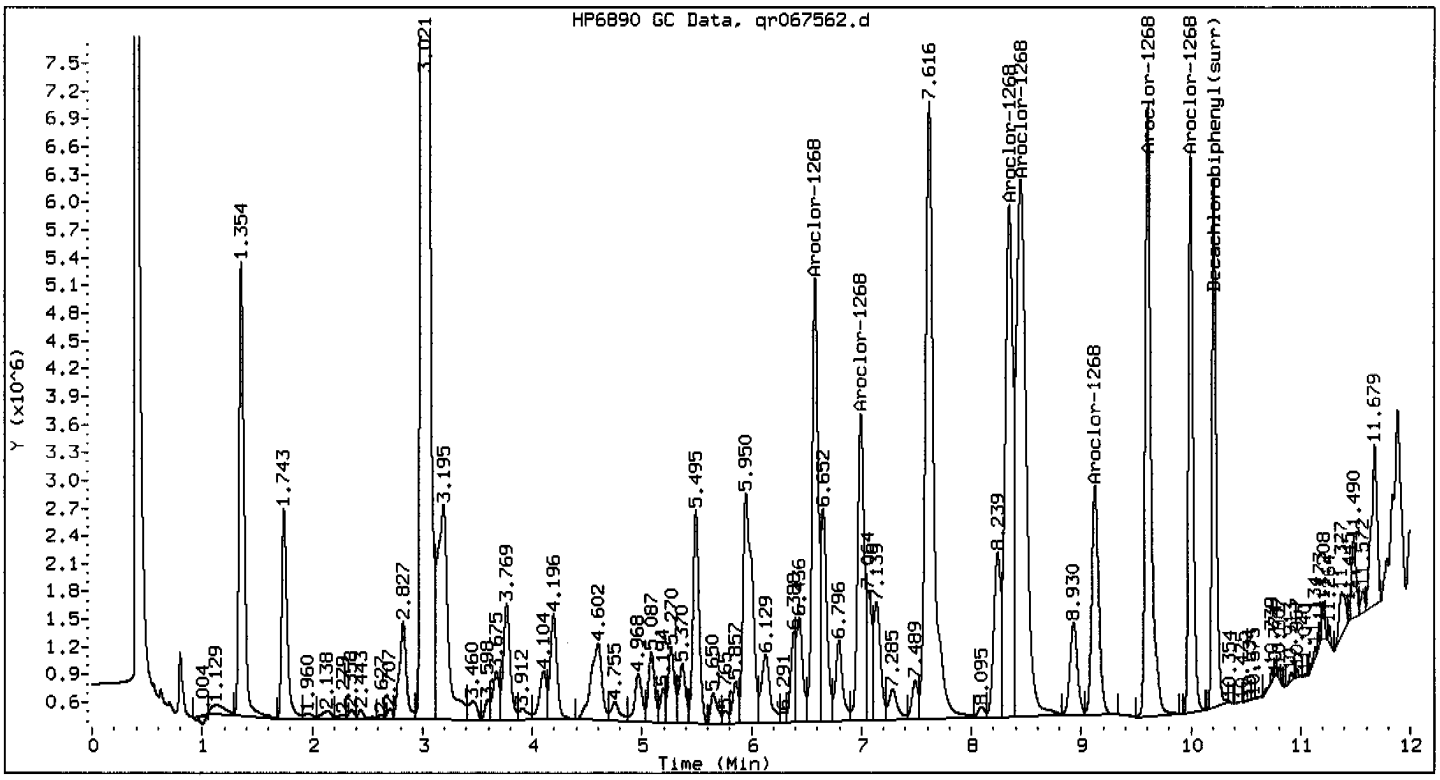
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.209	10.210	0.001	15943943	52.024	59.592



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : 884054;4040048
Lab ID : 884054
Inj Date : 15-DEC-2007 15:15
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.213	10.210	0.002	15279147	49.855	57.602



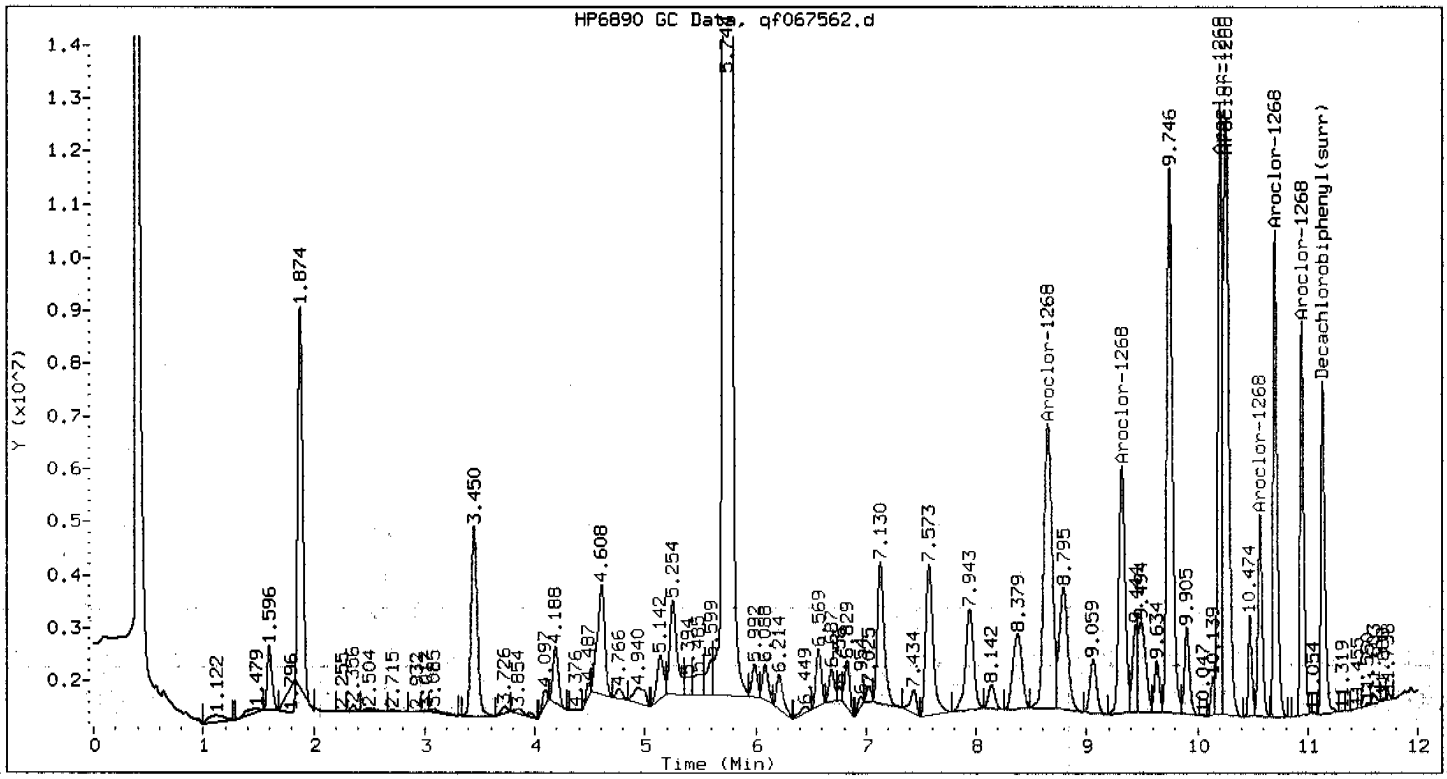
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : 884055;4040051
Lab ID : 884055
Inj Date : 15-DEC-2007 15:31
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1268	6.579	6.581	0.002	18091442	1022.791	1142.145
(2)	6.996	6.991	0.005	14060442	687.878	768.150
(3)	8.345	8.347	0.002	26708371	408.822	456.529
(4)	8.448	8.441	0.007	37303441	487.339	544.209
(5)	------	8.934	------	------	------	------ (*)
(6)	9.129	9.120	0.010	10957632	557.198	622.220
(7)	9.609	9.609	0.000	24401661	1115.195	1245.332
(8)	9.999	10.001	0.002	17841362	165.475	184.785
Average of peak concentrations:						710.00
Decachlorobiphenyl(surr)	10.210	10.210	0.000	15101183	49.274	55.024

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



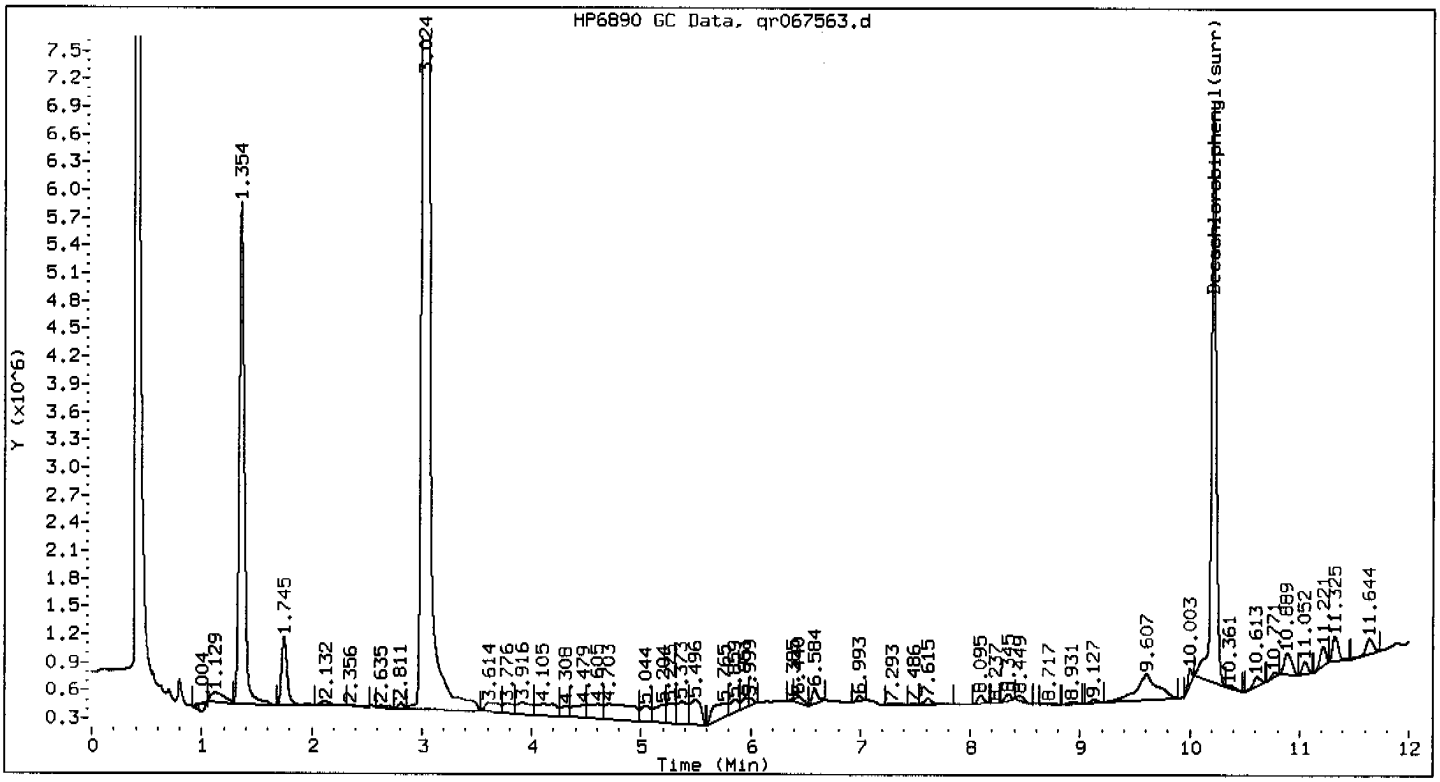
Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalh.b/06Qf8082.m
Sample Info : 884055;4040051
Lab ID : 884055
Inj Date : 15-DEC-2007 15:31
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1268	8.650	8.653	0.003	28373803	1078.645	719.097
(2)	9.320	9.326	0.006	18480331	679.645	453.097
(3)	10.206	10.211	0.004	28301735	517.377	344.918
(4)	10.258	10.257	0.001	39190377	501.744	334.496
(5)	------	10.483	------	------	------	------ (*)
(6)	10.567	10.561	0.006	9885214	628.392	418.928
(7)	10.699	10.711	0.013	22556484	1326.314	884.210
(8)	10.943	10.961	0.019	17374279	187.604	125.069
Average of peak concentrations:						470.00
Decachlorobiphenyl(surr)	11.134	11.134	0.000	15339387	52.403	34.935

COMMENTS:

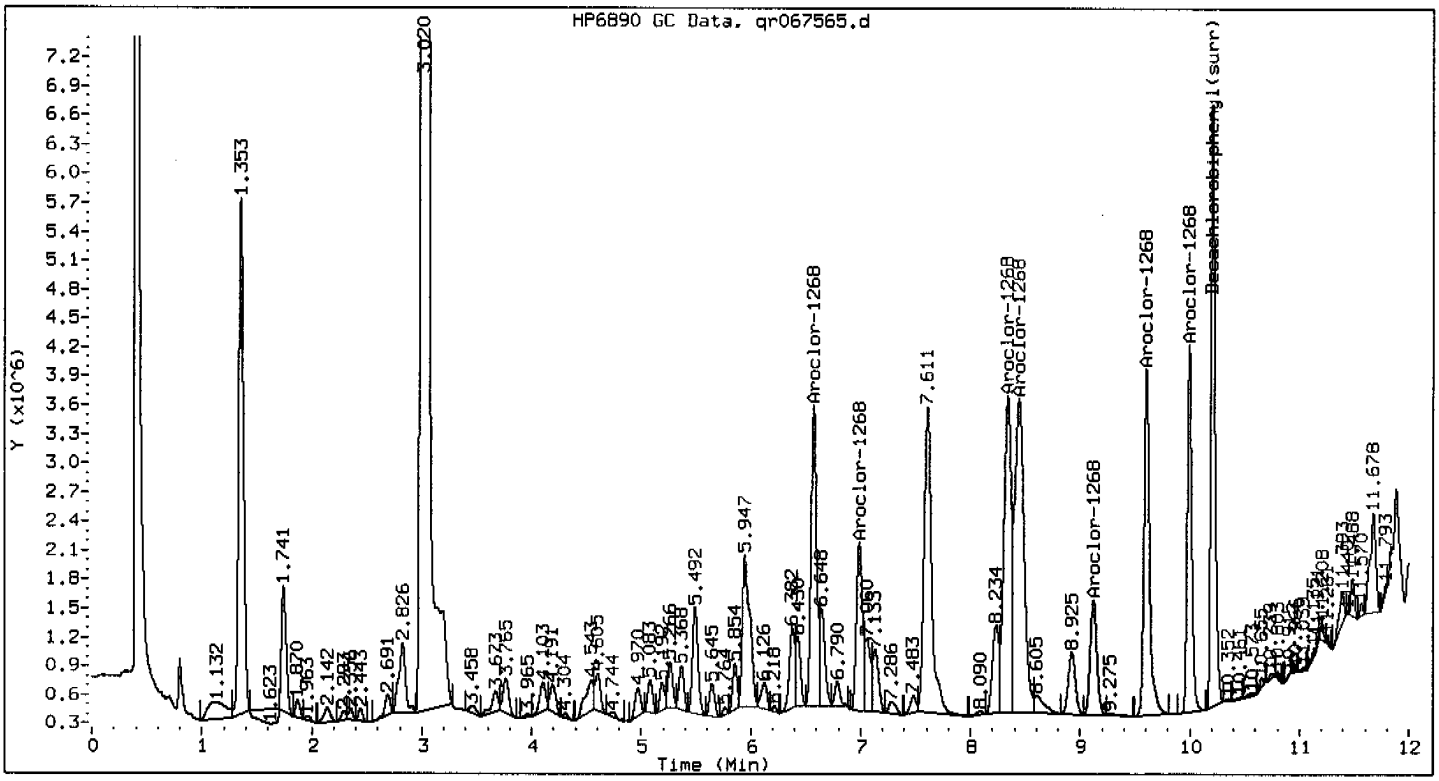
* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : 884056;4040054
Lab ID : 884056
Inj Date : 15-DEC-2007 15:47
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.212	10.210	0.002	18215497	59.436	67.617



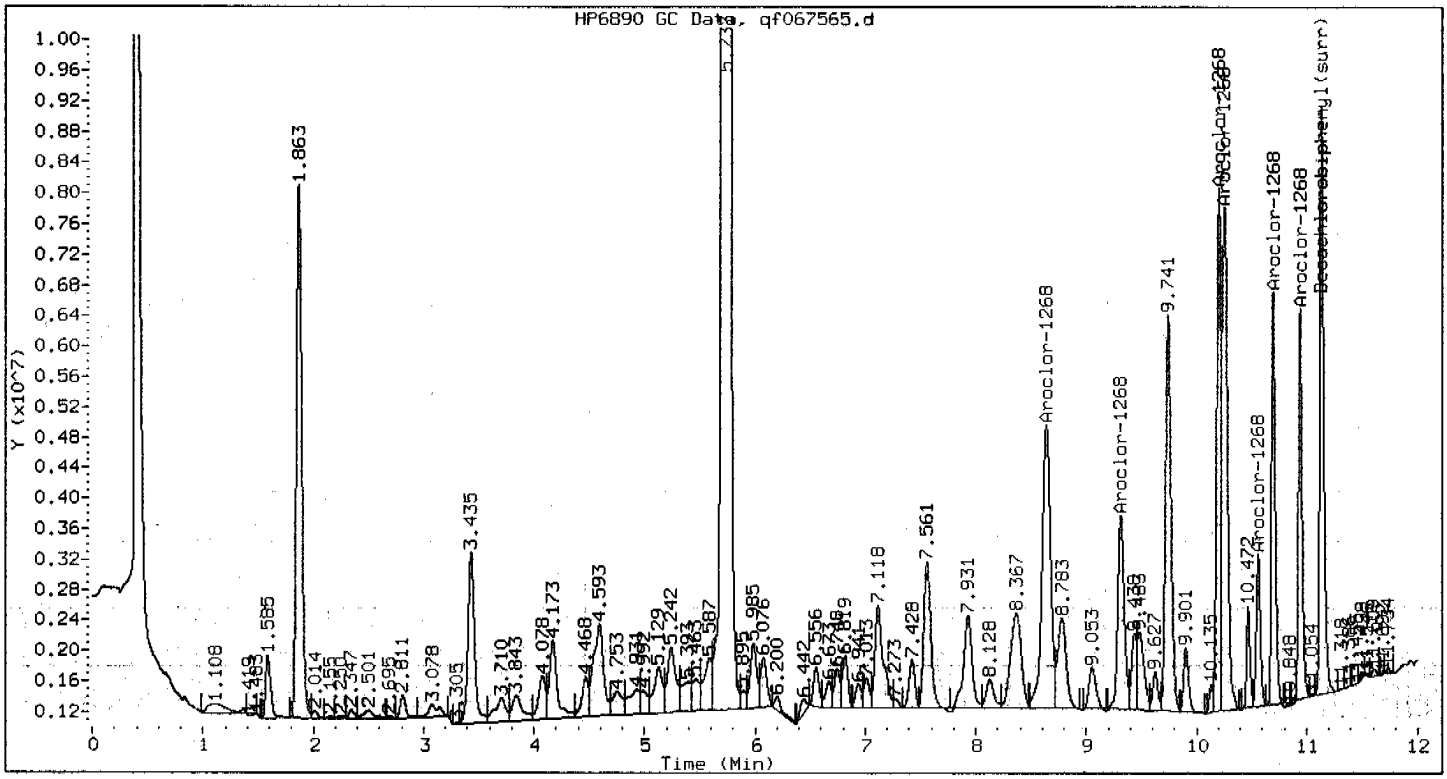
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : 884058;4040060
Lab ID : 884058
Inj Date : 15-DEC-2007 16:19
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1268	6.574	6.581	0.006	11112385	628.233	480.301
(2)	6.991	6.991	0.000	6915932	338.348	258.676
(3)	8.339	8.347	0.008	15546935	237.975	181.938
(4)	8.441	8.441	0.000	19369589	253.048	193.462
(5)	------	8.934	------	------	------	------ (*)
(6)	9.123	9.120	0.004	5059015	257.252	196.676
(7)	9.605	9.609	0.004	12689421	579.927	443.369
(8)	9.996	10.001	0.005	11130328	103.231	78.923
Average of peak concentrations:						260.00
Decachlorobiphenyl(surr)	10.208	10.210	0.002	16212328	52.900	40.443

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



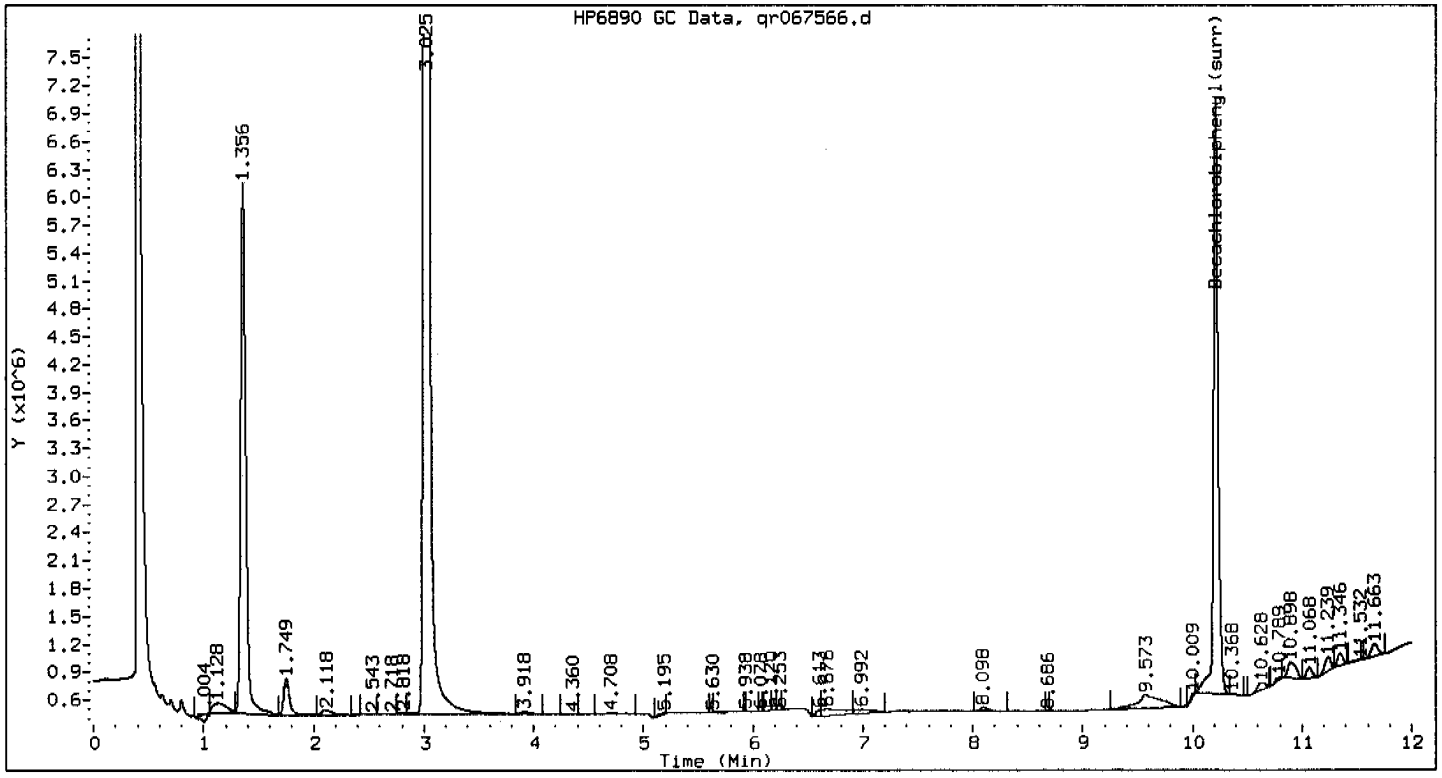
Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalh.b/06Qf8082.m
Sample Info : 884058;4040060
Lab ID : 884058
Inj Date : 15-DEC-2007 16:19
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1268	8.638	8.653	0.015	20174283	766.936	511.291
(2)	9.313	9.326	0.013	10193063	374.867	249.911
(3)	10.203	10.211	0.008	17028263	311.289	207.526
(4)	10.254	10.257	0.003	23036889	294.935	196.623
(5)	------	10.483	------	------	------	------ (*)
(6)	10.564	10.561	0.003	5118531	325.379	216.920
(7)	10.697	10.711	0.015	12794465	752.311	501.540
(8)	10.941	10.961	0.020	11566316	124.890	83.260
Average of peak concentrations:						280.00
Decachlorobiphenyl(surr)	11.132	11.134	0.002	18828841	64.324	42.883

COMMENTS:

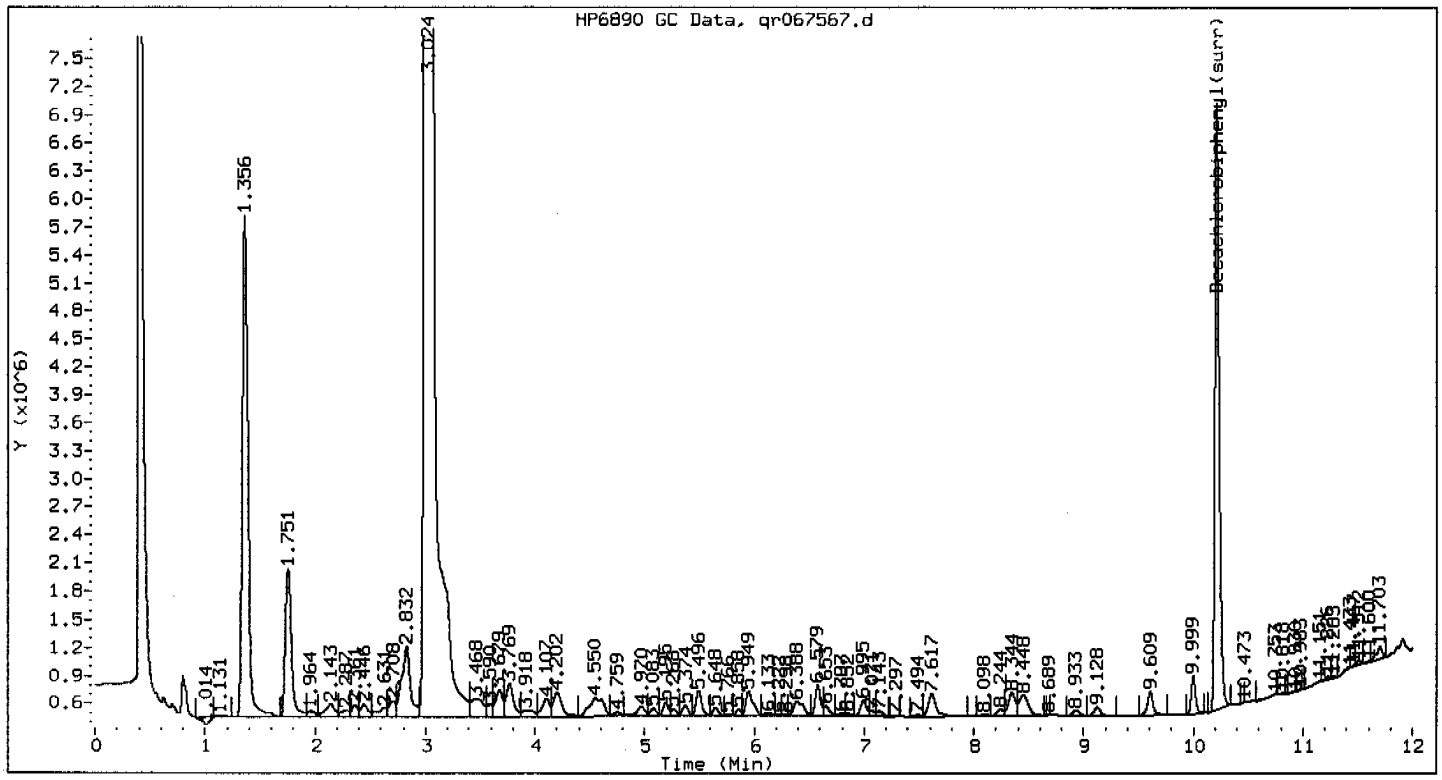
* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : 884059;4040063
Lab ID : 884059
Inj Date : 15-DEC-2007 16:35
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

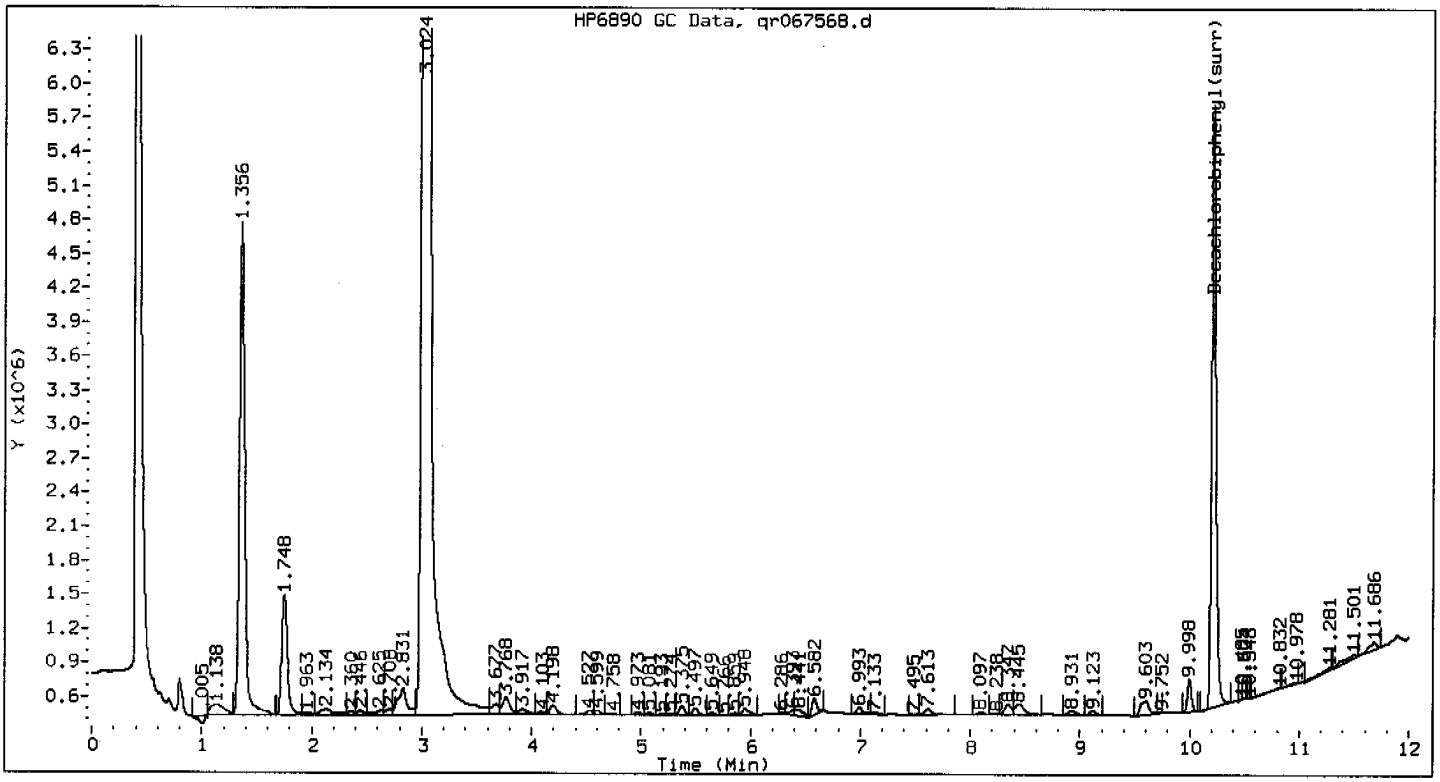
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.214	10.210	0.004	18357293	59.898	70.303



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : 884060;4040066
Lab ID : 884060
Inj Date : 15-DEC-2007 16:52
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

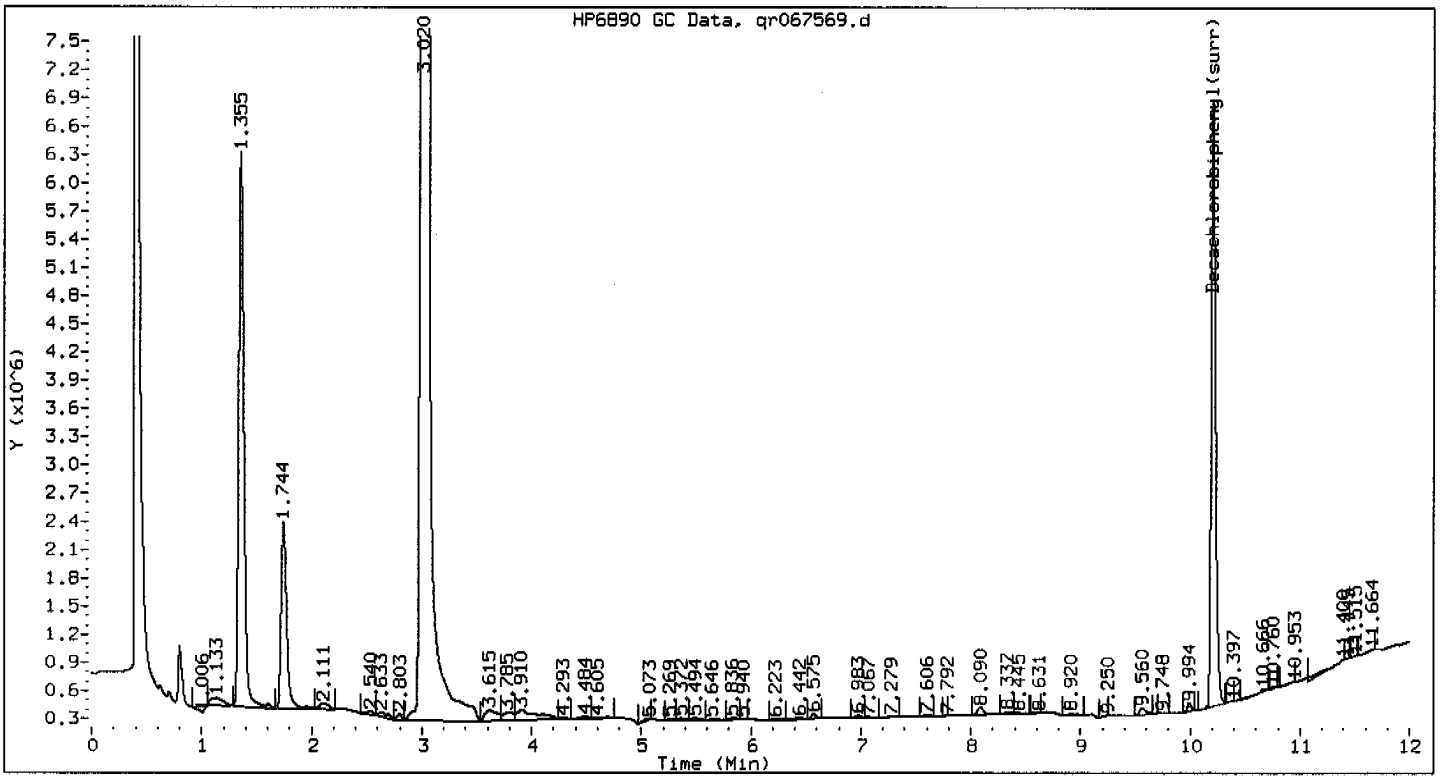
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.213	10.210	0.003	17194841	56.105	62.758



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : 884061;4040069
Lab ID : 884061
Inj Date : 15-DEC-2007 17:08
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

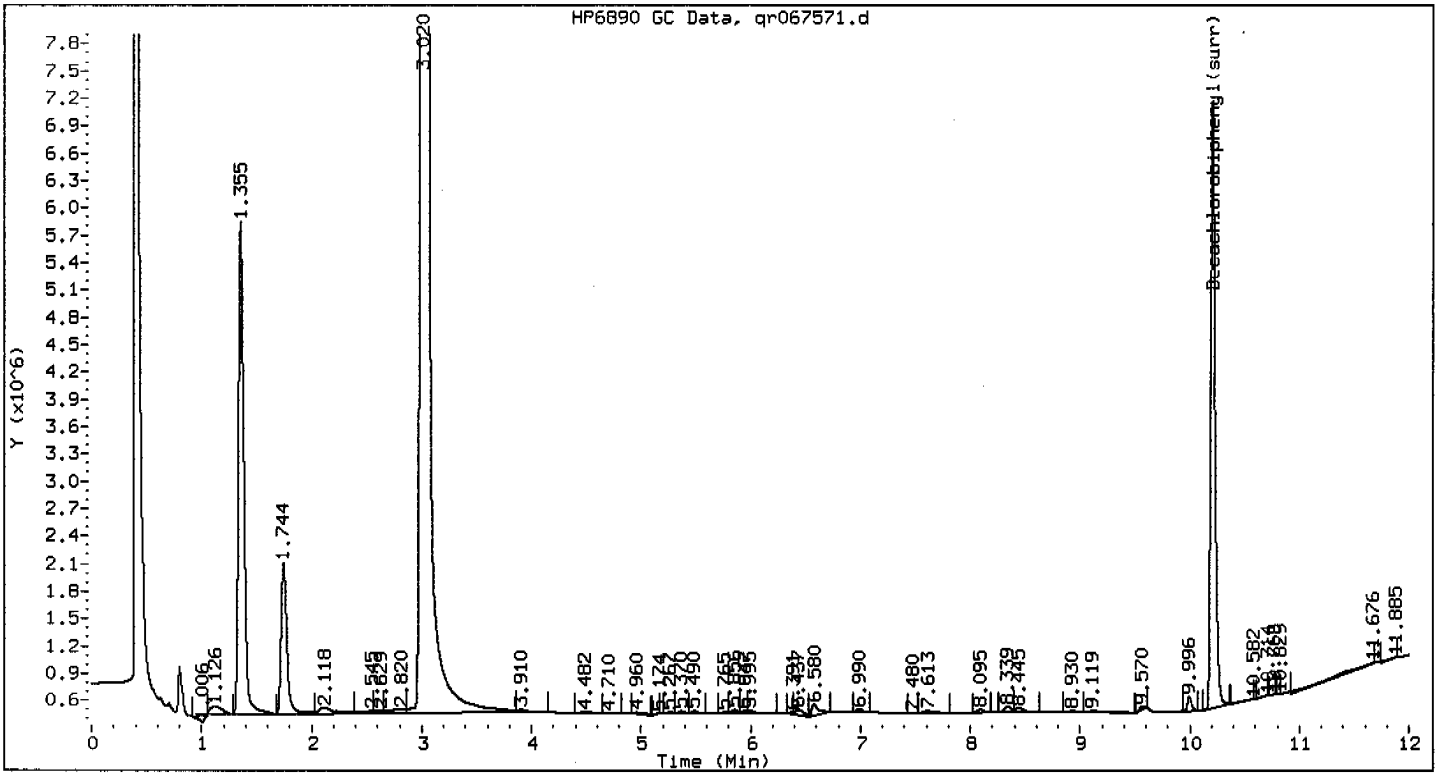
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.213	10.210	0.002	14117382	46.064	56.975



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : 884062;4040072
Lab ID : 884062
Inj Date : 15-DEC-2007 17:23
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

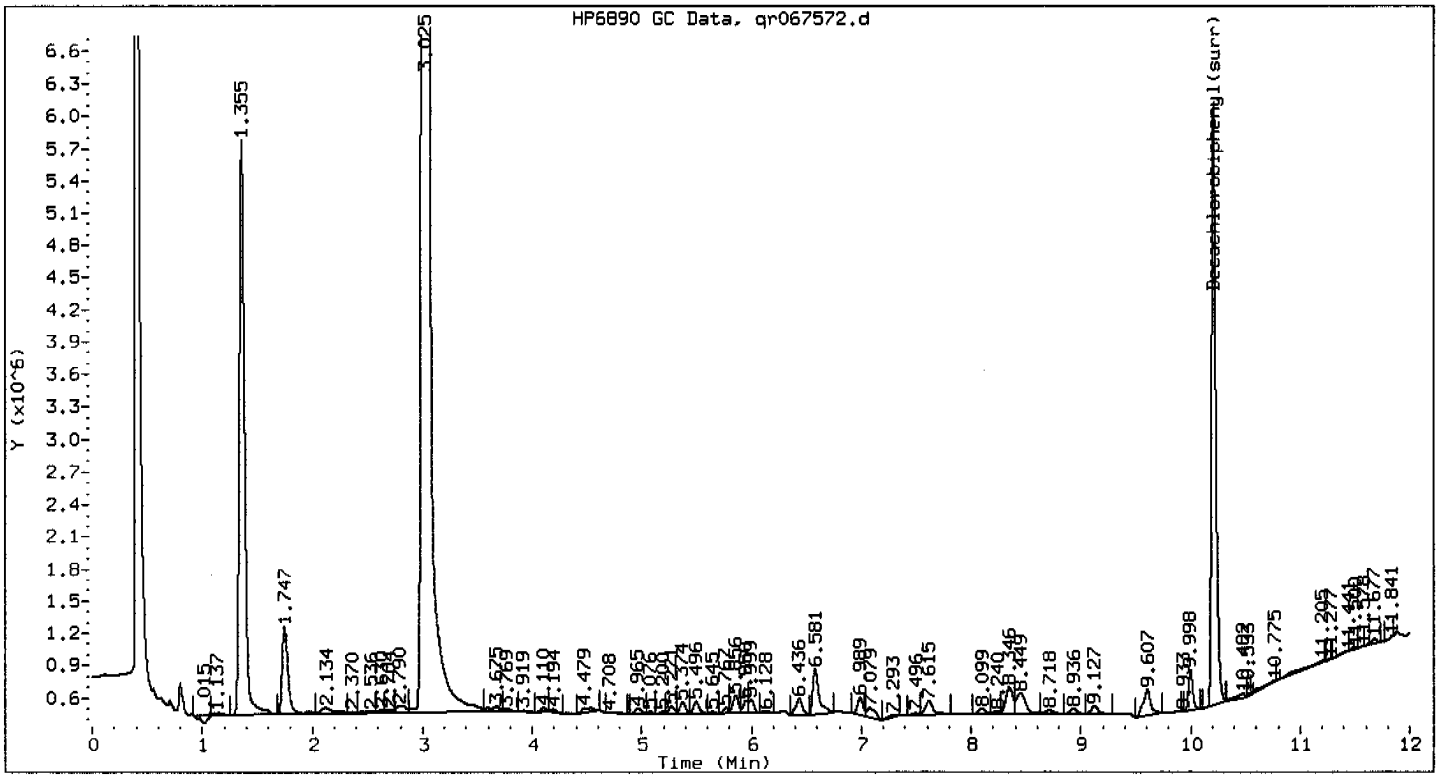
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.208	10.210	0.002	16789361	54.782	72.607



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : 884064;4040078
Lab ID : 884064
Inj Date : 15-DEC-2007 17:54
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.210	10.210	0.001	17769588	57.981	66.530



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b/06Qr8082.m
Sample Info : 884065;4040081
Lab ID : 884065
Inj Date : 15-DEC-2007 18:11
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.211	10.210	0.001	14658467	47.829	53.953

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/qr067574.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/06Qr8082.m

Sample Information: SG1660L3_00003 I
Injection Date: 15-DEC-2007 18:44

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.743	1000	1021.68	2.17
Aroclor-1016	2	2.148	1000	1033.85	3.39
Aroclor-1016	3	2.380	1000	1020.95	2.09
Aroclor-1016	4	2.710	1000	970.23	2.98
Aroclor-1016	5	2.884	1000	1022.78	2.28
Aroclor-1016	6	2.960	1000	972.12	2.79
Aroclor-1016	7	3.463	1000	1013.25	1.32
Aroclor-1016	8	3.612	1000	1045.41	4.54
Aroclor-1260	1	5.496	1000	963.77	3.62
Aroclor-1260	2	5.948	1000	931.54	6.85
Aroclor-1260	3	6.388	1000	919.45	8.05
Aroclor-1260	4	6.578	1000	943.57	5.64
Aroclor-1260	5	6.998	1000	924.90	7.51
Aroclor-1260	6	8.243	1000	921.14	7.89
Aroclor-1260	7	8.451	1000	961.51	3.85
Aroclor-1260	8	9.608	1000	1021.08	2.11

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.355	100	94.02	5.98
Decachlorobiphenyl(sur	10.209	100	100.97	0.97

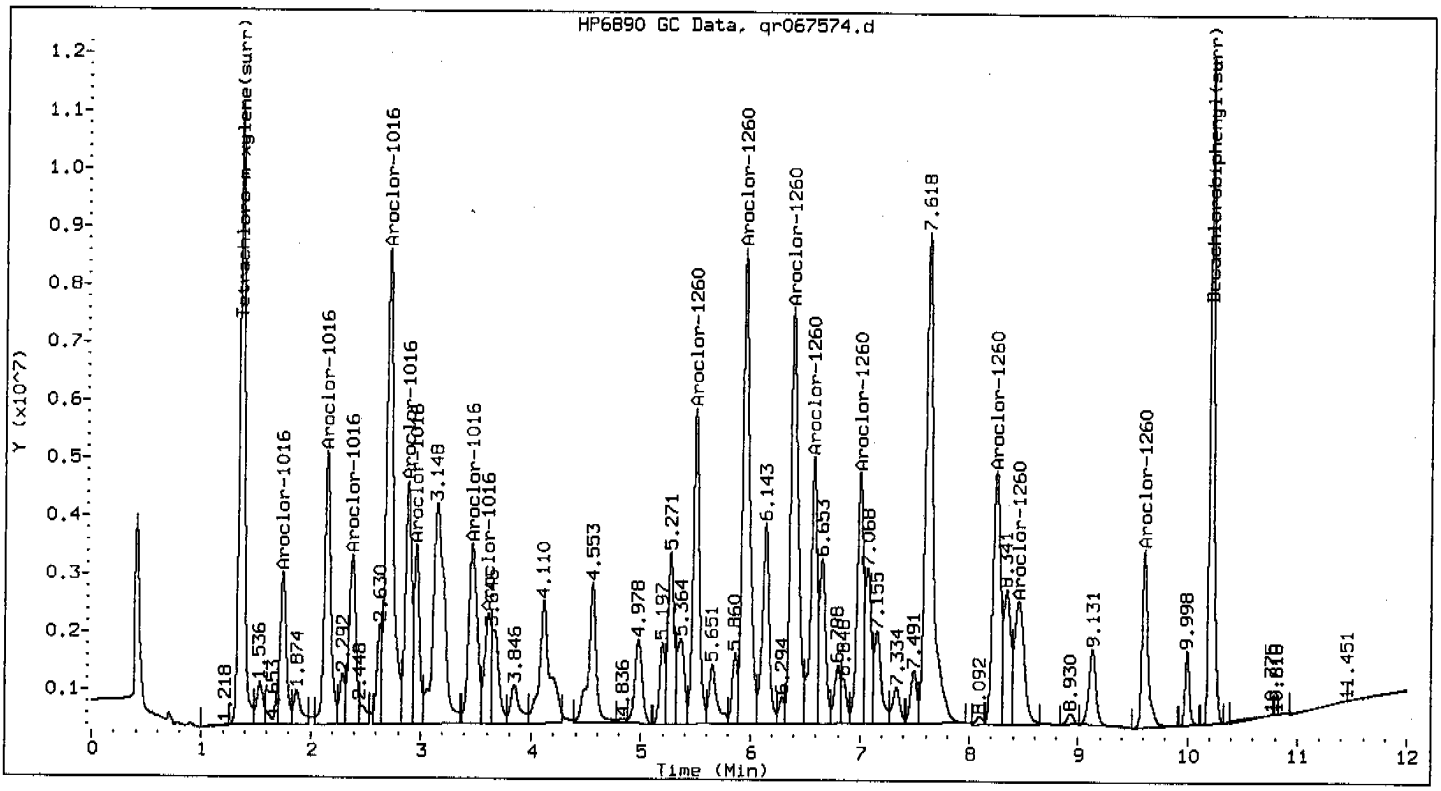
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/qr067574.d
Injection Date: 15-DEC-2007 18:44

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.743	
	2.155	(2.085 - 2.225)	2.148	
	2.384	(2.314 - 2.454)	2.380	
	2.713	(2.645 - 2.785)	2.710	
	2.888	(2.818 - 2.958)	2.884	
	2.963	(2.893 - 3.033)	2.960	
	3.465	(3.395 - 3.535)	3.463	
	3.613	(3.543 - 3.683)	3.612	
Aroclor-1260	5.495	(5.425 - 5.565)	5.496	
	5.948	(5.878 - 6.018)	5.948	
	6.387	(6.317 - 6.457)	6.388	
	6.578	(6.508 - 6.648)	6.578	
	6.998	(6.928 - 7.068)	6.998	
	8.243	(8.173 - 8.313)	8.243	
	8.453	(8.383 - 8.523)	8.451	
	9.609	(9.539 - 9.679)	9.608	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.355	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.209	



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/06Qr8082.m
Sample Info : SG1660L3_00003 I
Lab ID : SG1660L3_00003 I
Inj Date : 15-DEC-2007 18:44
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	1.743	1.743	0.000	10566271	1021.680	1021.680
(2)		2.148	2.148	0.000	19644322	1033.855	1033.855
(3)		2.380	2.380	0.000	12958725	1020.945	1020.945
(4)		2.710	2.710	0.000	39342730	970.229	970.229
(5)		2.884	2.884	0.000	16170550	1022.783	1022.783
(6)		2.960	2.960	0.000	11486093	972.116	972.116
(7)		3.463	3.463	0.000	16772912	1013.249	1013.249
(8)		3.612	3.612	0.000	8364424	1045.409	1045.409
Average of peak concentrations:							1000.00
Aroclor-1260		5.496	5.496	0.000	21846202	963.771	963.771
(2)		5.948	5.948	0.000	37685902	931.542	931.542
(3)		6.388	6.388	0.000	34646461	919.453	919.453
(4)		6.578	6.578	0.000	18740340	943.565	943.565
(5)		6.998	6.998	0.000	17777340	924.899	924.899
(6)		8.243	8.243	0.000	21438960	921.140	921.140

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)	8.451	8.451	0.000	13468934	961.511	961.511
(8)	9.608	9.608	0.000	11598785	1021.082	1021.082
Average of peak concentrations:						950.00
Tetrachloro-m-xylene(surr)	1.355	1.355	0.000	37594189	94.021	94.021
Decachlorobiphenyl(surr)	10.209	10.209	0.000	30945226	100.972	100.972

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icali.b/qf067574.d
Method: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icali.b/06Qf8082.m

Sample Information: SG1660L3_00003 I
Injection Date: 15-DEC-2007 18:44

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.523	1000	1093.10	9.31
Aroclor-1016	2	3.090	1000	995.00	0.50
Aroclor-1016	3	3.465	1000	1058.02	5.80
Aroclor-1016	4	3.870	1000	973.88	2.61
Aroclor-1016	5	4.115	1000	1011.13	1.11
Aroclor-1016	6	4.555	1000	955.67	4.43
Aroclor-1016	7	4.942	1000	947.00	5.30
Aroclor-1016	8	5.153	1000	1017.49	1.75
Aroclor-1260	1	7.130	1000	1023.97	2.40
Aroclor-1260	2	7.572	1000	1001.66	0.17
Aroclor-1260	3	8.395	1000	1079.87	7.99
Aroclor-1260	4	8.649	1000	1054.56	5.46
Aroclor-1260	5	8.794	1000	1099.31	9.93
Aroclor-1260	6	9.316	1000	1087.43	8.74
Aroclor-1260	7	10.208	1000	1112.70	11.27
Aroclor-1260	8	10.698	1000	1139.05	13.91

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.874	100	97.43	2.57
Decachlorobiphenyl(sur	11.132	100	110.16	10.16

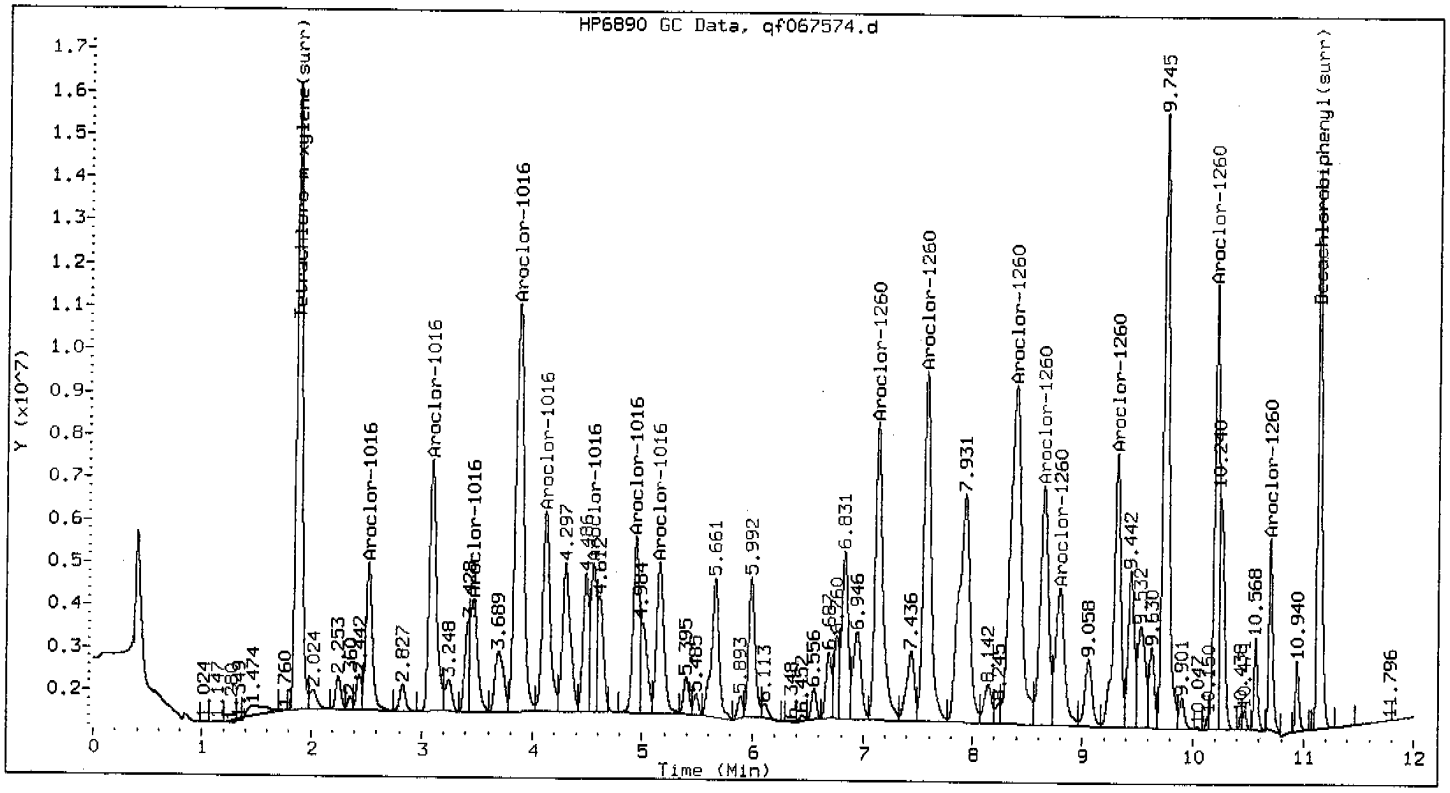
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icali.b/qf067574.d
Injection Date: 15-DEC-2007 18:44

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.517	(2.447 - 2.587)	2.523	
	3.082	(3.012 - 3.152)	3.090	
	3.454	(3.384 - 3.524)	3.465	
	3.859	(3.789 - 3.929)	3.870	
	4.104	(4.034 - 4.174)	4.115	
	4.544	(4.474 - 4.614)	4.555	
	4.933	(4.863 - 5.003)	4.942	
	5.144	(5.074 - 5.214)	5.153	
Aroclor-1260	7.124	(7.054 - 7.194)	7.130	
	7.565	(7.495 - 7.635)	7.572	
	8.387	(8.317 - 8.457)	8.395	
	8.642	(8.572 - 8.712)	8.649	
	8.789	(8.719 - 8.859)	8.794	
	9.312	(9.242 - 9.382)	9.316	
	10.211	(10.141 - 10.281)	10.208	
	10.709	(10.639 - 10.779)	10.698	
Tetrachloro-m-xylene(surr)	1.876	(1.826 - 1.926)	1.874	
Decachlorobiphenyl(surr)	11.154	(11.054 - 11.254)	11.132	



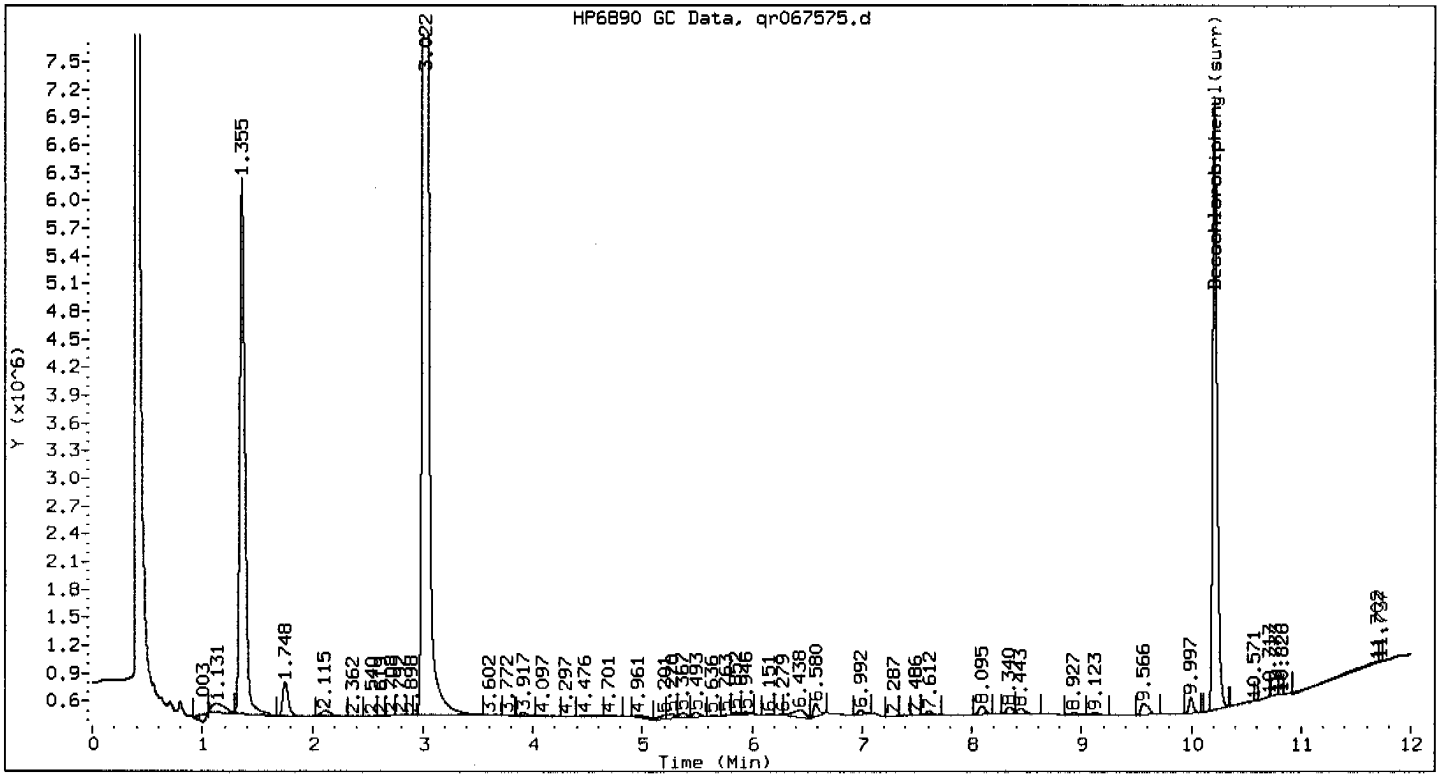
Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icali.b/06Qf8082.m
Sample Info : SG1660L3_00003 I
Lab ID : SG1660L3_00003 I
Inj Date : 15-DEC-2007 18:44
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.523	2.523	0.000	14091626	1093.097	1093.097
(2)		3.090	3.090	0.000	26803424	994.997	994.997
(3)		3.465	3.465	0.000	12525859	1058.023	1058.023
(4)		3.870	3.870	0.000	50431477	973.880	973.880
(5)		4.115	4.115	0.000	22720719	1011.128	1011.128
(6)		4.555	4.555	0.000	13281735	955.667	955.667
(7)		4.942	4.942	0.000	15732874	947.004	947.004
(8)		5.153	5.153	0.000	16538139	1017.488	1017.488
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.130	7.130	0.000	34078646	1023.969	1023.969
(2)		7.572	7.572	0.000	39220815	1001.663	1001.663
(3)		8.395	8.395	0.000	56742568	1079.869	1079.869
(4)		8.649	8.649	0.000	30160147	1054.557	1054.557
(5)		8.794	8.794	0.000	18473240	1099.307	1099.307
(6)		9.316	9.316	0.000	28547233	1087.428	1087.428

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)		10.208	10.208	0.000	29994176	1112.696	1112.696
(8)		10.698	10.698	0.000	10874755	1139.055	1139.055
Average of peak concentrations:							1100.00
Tetrachloro-m-xylene(surr)	(M)	1.874	1.874	0.000	53609861	97.429	97.429
Decachlorobiphenyl(surr)	(M)	11.132	11.132	0.000	32245960	110.160	110.160

COMMENTS:
M - Compound response manually integrated.

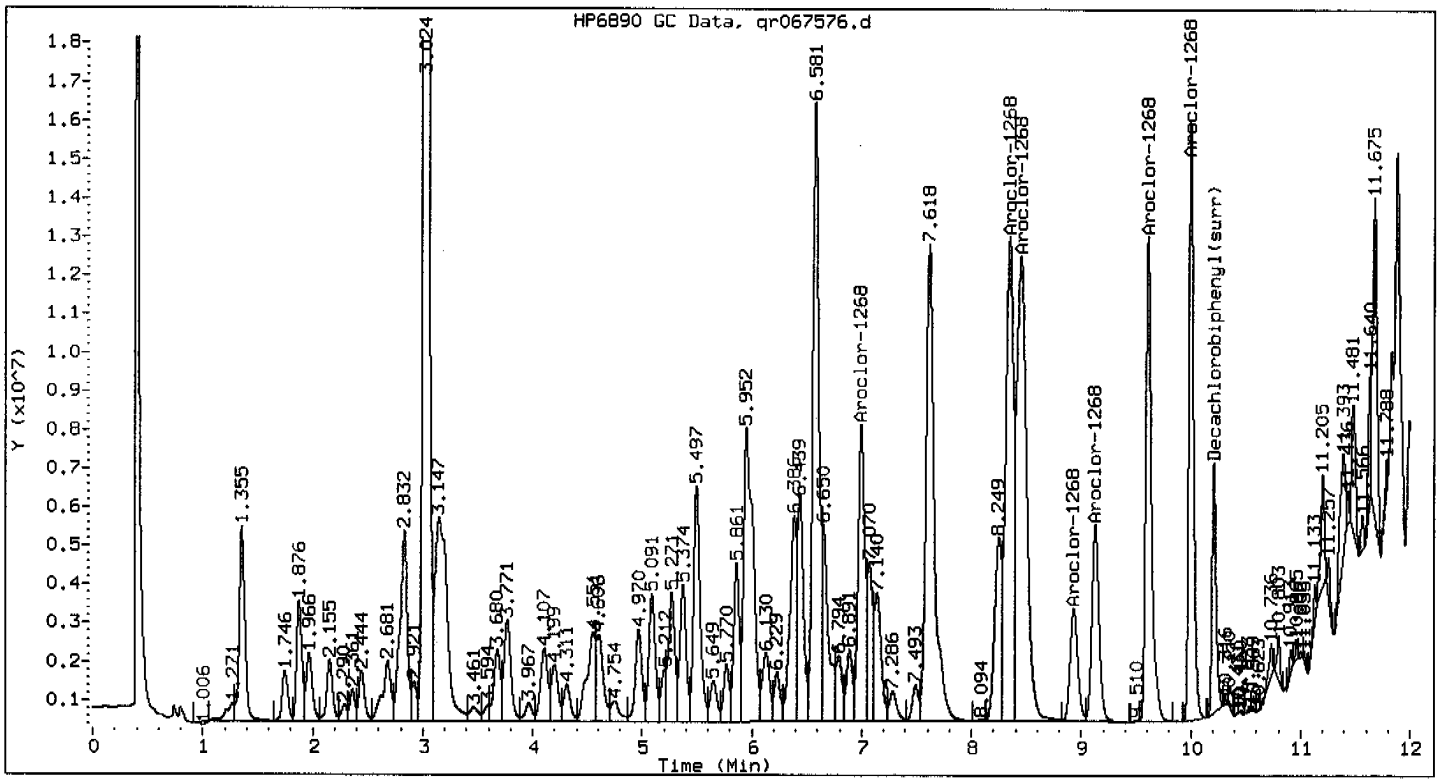


Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/06Qr8082.m
Sample Info : 884066;4040084
Lab ID : 884066
Inj Date : 15-DEC-2007 19:00
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

12/21/7

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.212	10.209	0.002	17656609	57.612	72.332



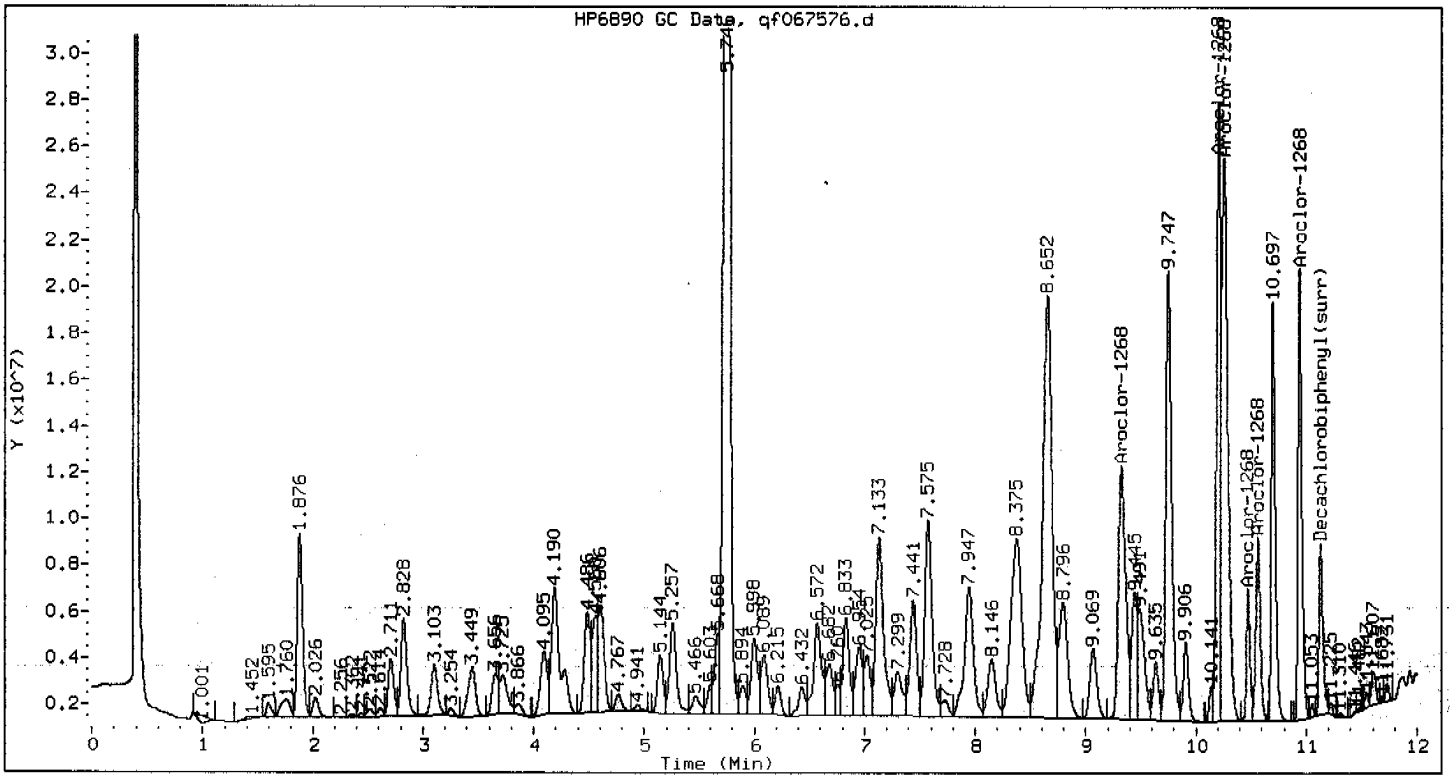
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/06Qr8082.m
Sample Info : 884069;4040093
Lab ID : 884069
Inj Date : 15-DEC-2007 19:16
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1268	------	6.581	------	------	------	------ (*)
(2)	6.996	6.991	0.005	31680195	1549.888	2010.231
(3)	8.346	8.347	0.001	62976674	963.977	1250.294
(4)	8.449	8.441	0.008	76005049	992.945	1287.866
(5)	8.933	8.934	0.001	14125622	254.537	330.139
(6)	9.130	9.120	0.010	23101415	1174.713	1523.622
(7)	9.609	9.609	0.000	45643568	2085.984	2705.556
(8)	9.999	10.001	0.002	46788057	433.949	562.840
Average of peak concentrations:						1400.00
Decachlorobiphenyl(surr)	10.211	10.209	0.001	16607660	54.189	70.285

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



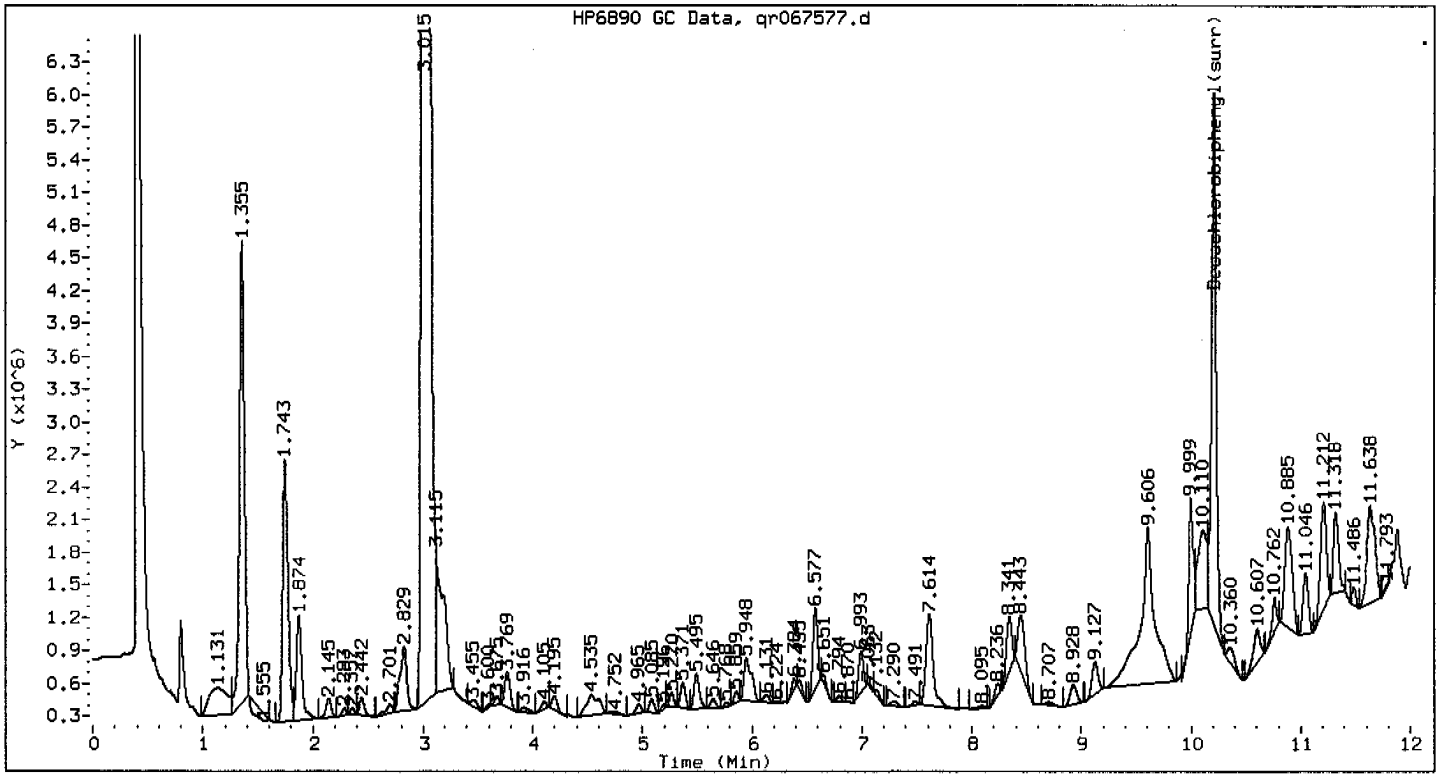
Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icali.b/06Qf8082.m
Sample Info : 884069;4040093
Lab ID : 884069
Inj Date : 15-DEC-2007 19:16
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1268	------	8.653	------	------	------	------ (*)
(2)	9.324	9.326	0.002	51424905	1891.237	2452.966
(3)	10.207	10.211	0.003	65209701	1192.081	1546.150
(4)	10.256	10.257	0.001	92067079	1178.710	1528.807
(5)	10.475	10.483	0.008	12942781	292.902	379.899
(6)	10.566	10.561	0.004	21502339	1366.879	1772.866
(7)	------	10.711	------	------	------	------ (*)
(8)	10.940	10.961	0.022	45895946	495.574	642.768
Average of peak concentrations:						1400.00
Decachlorobiphenyl(surr)	11.130	11.132	0.002	17937967	61.281	79.482

COMMENTS:

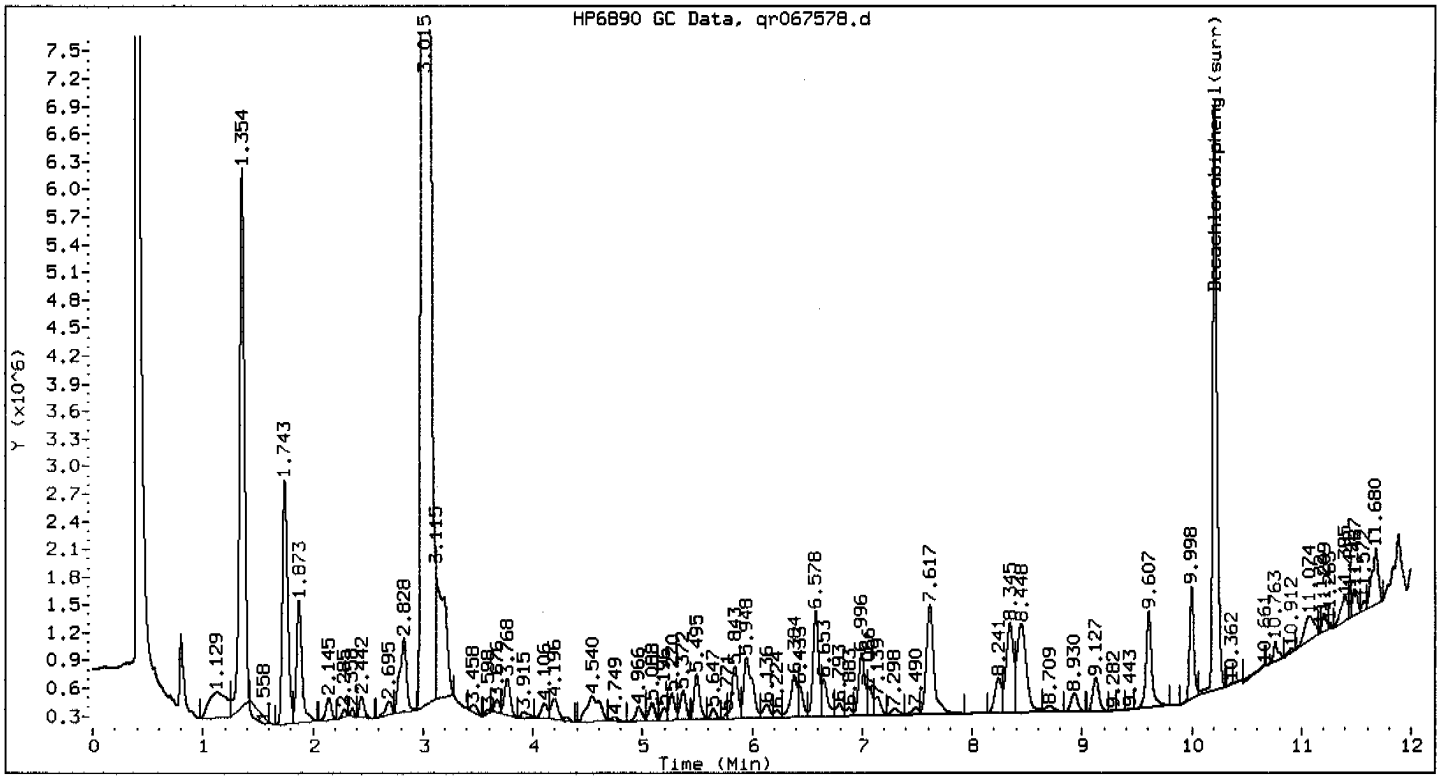
* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/06Qr8082.m
Sample Info : 884070;4040096
Lab ID : 884070
Inj Date : 15-DEC-2007 19:33
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

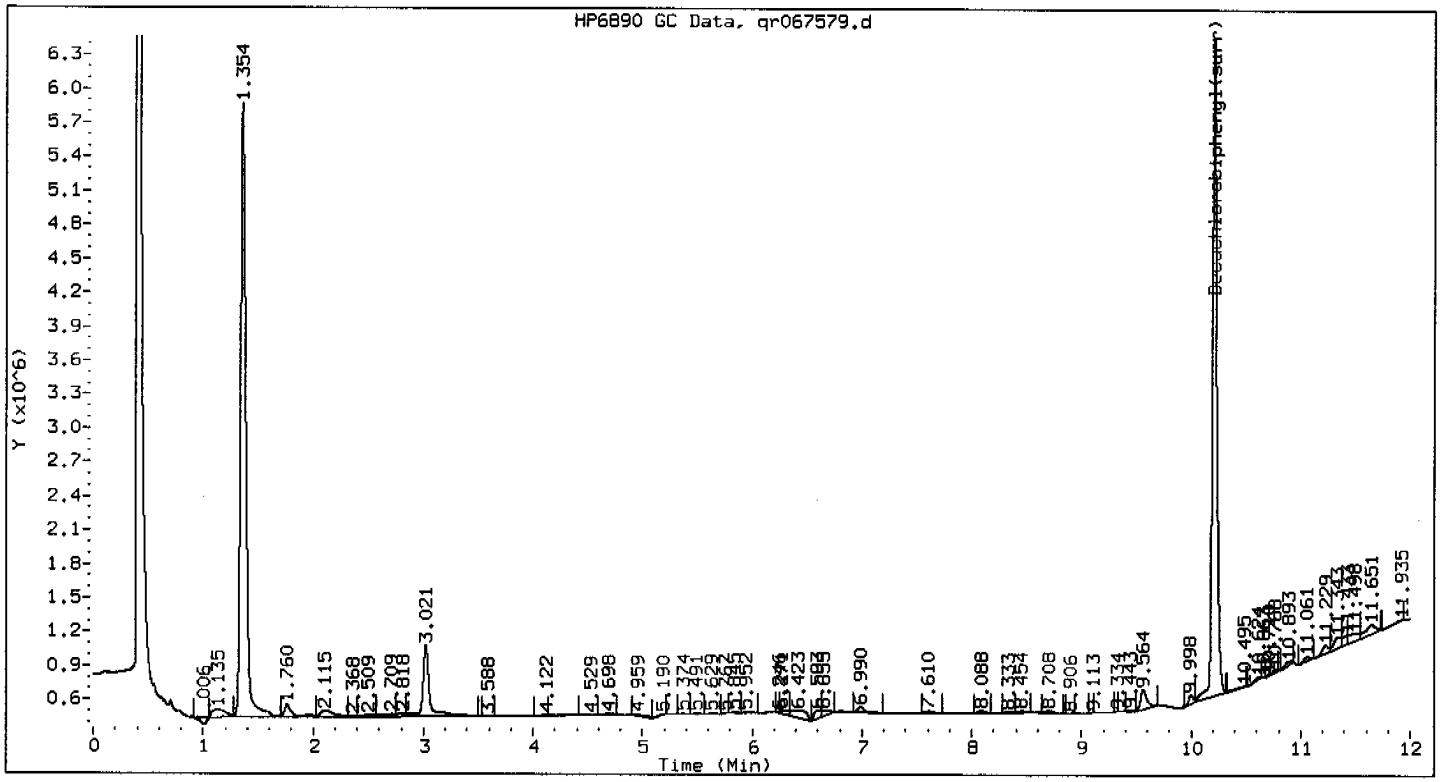
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.209	10.209	0.000	13681427	44.641	41.277



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/06Qr8082.m
Sample Info : 884071;4040099
Lab ID : 884071
Inj Date : 15-DEC-2007 19:49
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

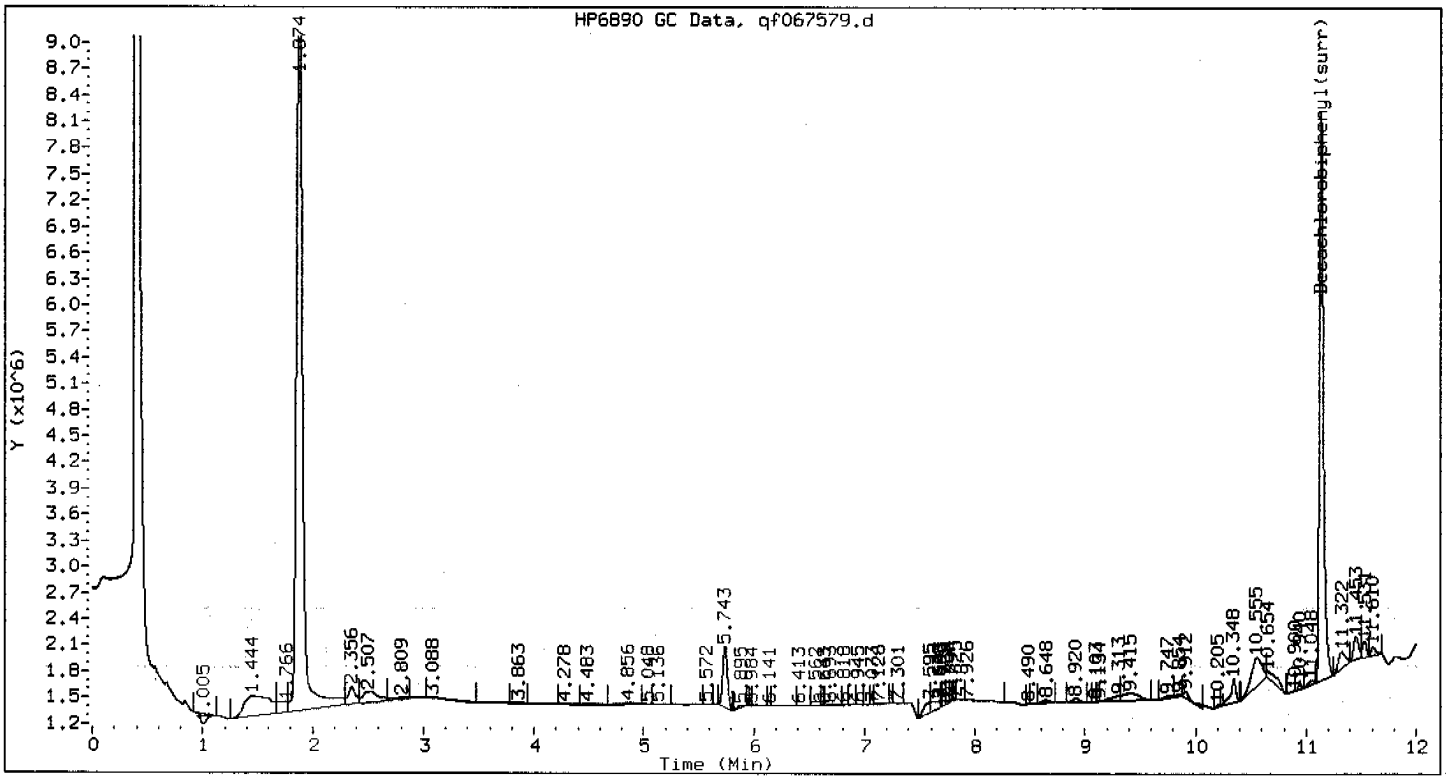
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.211	10.209	0.002	16685105	54.442	44.424



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/06Qr8082.m
Sample Info : sp347z;mb77519
Lab ID : SP347Z
Inj Date : 15-DEC-2007 20:06
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

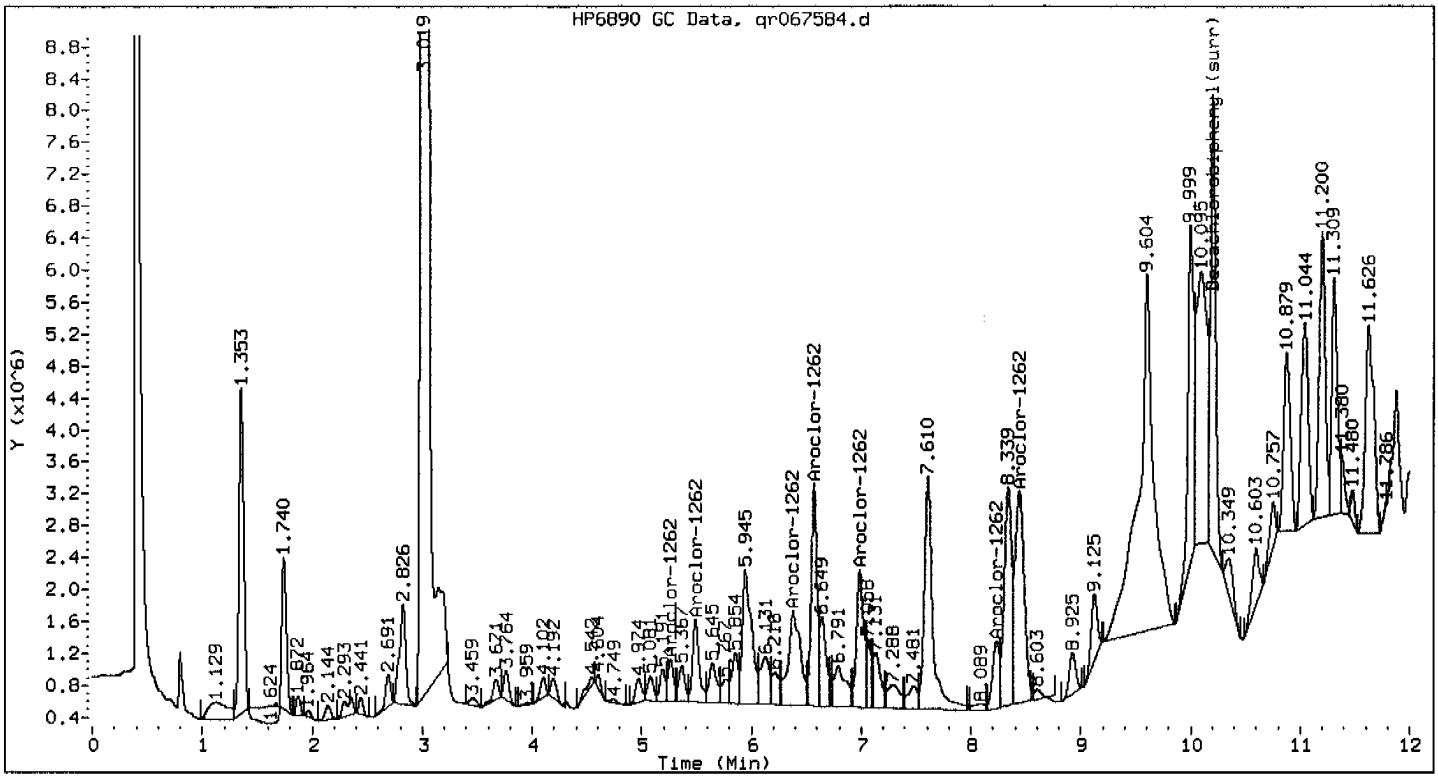
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.209	10.209	0.000	15933328	51.989	34.659



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icali.b/06Qf8082.m
Sample Info : sp347z;mb77519
Lab ID : SP347Z
Inj Date : 15-DEC-2007 20:06
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	11.133	11.132	0.001	16173413	55.252	36.835



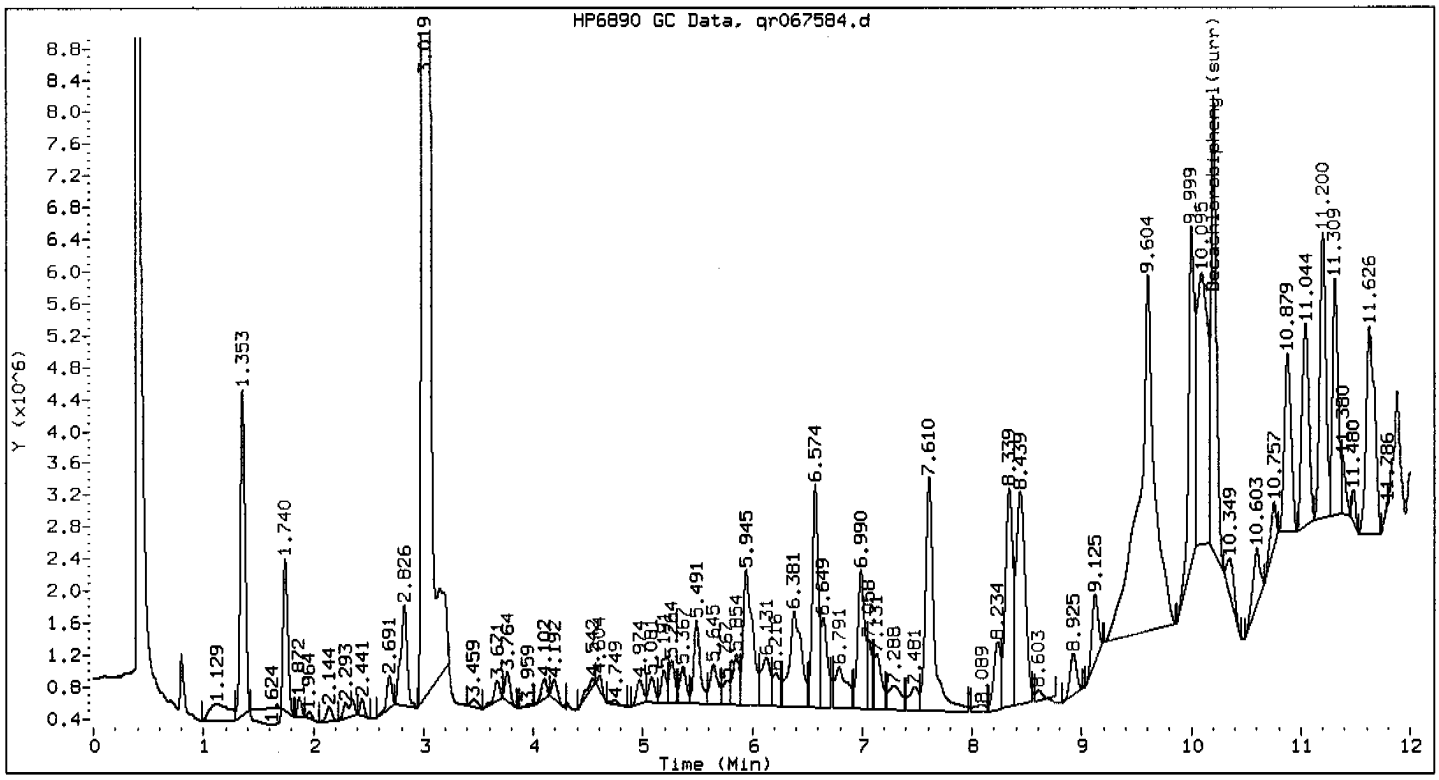
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/06Qr8082.m
Sample Info : 884077;4040117
Lab ID : 884077
Inj Date : 15-DEC-2007 21:24
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	5.264	5.277	0.012	1962315	140.086	196.612
(2)	5.491	5.500	0.009	4264164	223.227	313.301
(3)	6.381	6.392	0.011	9234983	398.171	558.837
(4)	6.574	6.583	0.009	10651010	338.415	474.969
(5)	6.990	7.003	0.013	7640005	284.003	398.600
(6)	8.234	8.249	0.015	3625025	189.537	266.017
(7)	8.439	8.457	0.017	15293153	511.709	718.188
(8)	------	9.612	------	------	------	------ (*)
Average of peak concentrations:						420.00
Decachlorobiphenyl(surr)	10.206	10.209	0.003	17985937	58.687	82.367

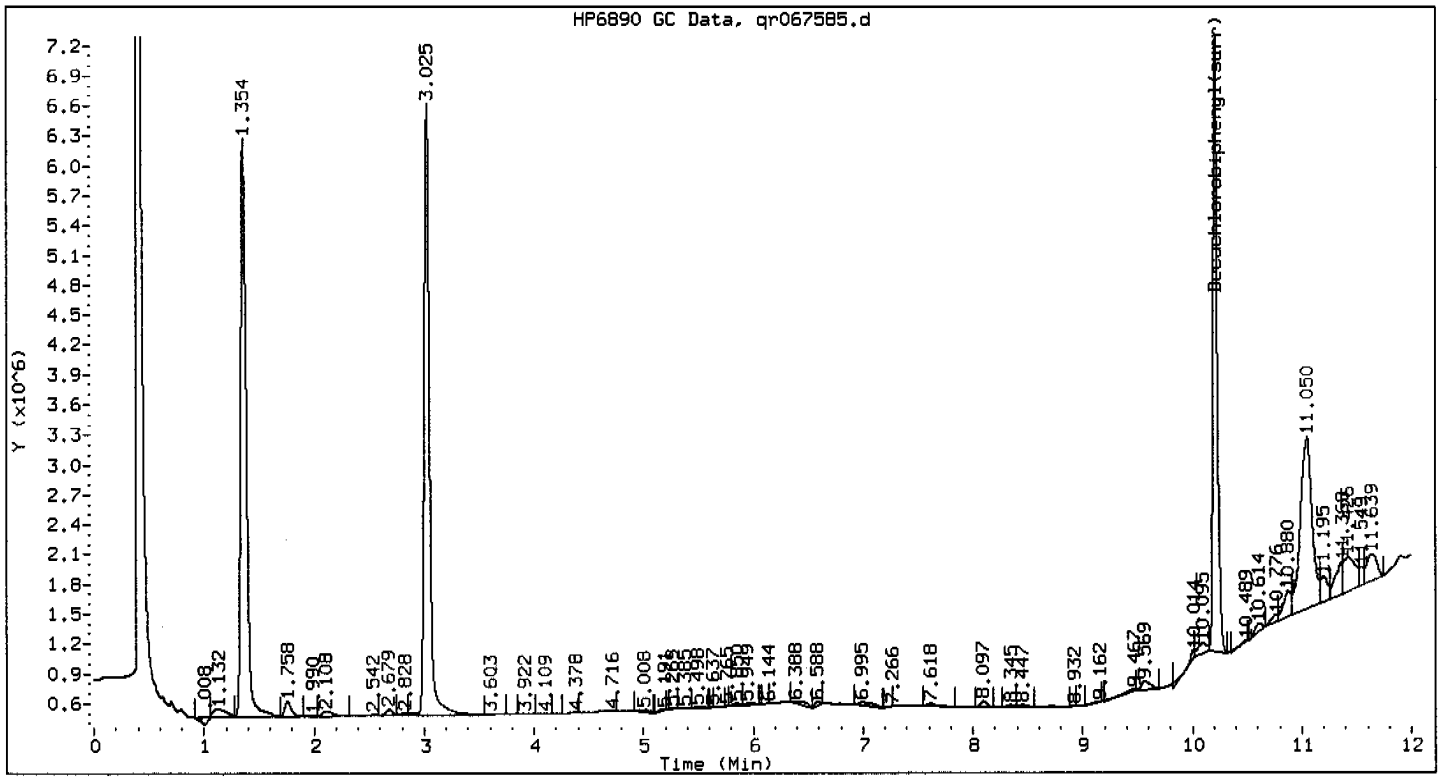
COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/06Qr8082.m
Sample Info : 884077;4040117
Lab ID : 884077
Inj Date : 15-DEC-2007 21:24
Operator : 615
Cpnd Sublist: PCB8082+
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

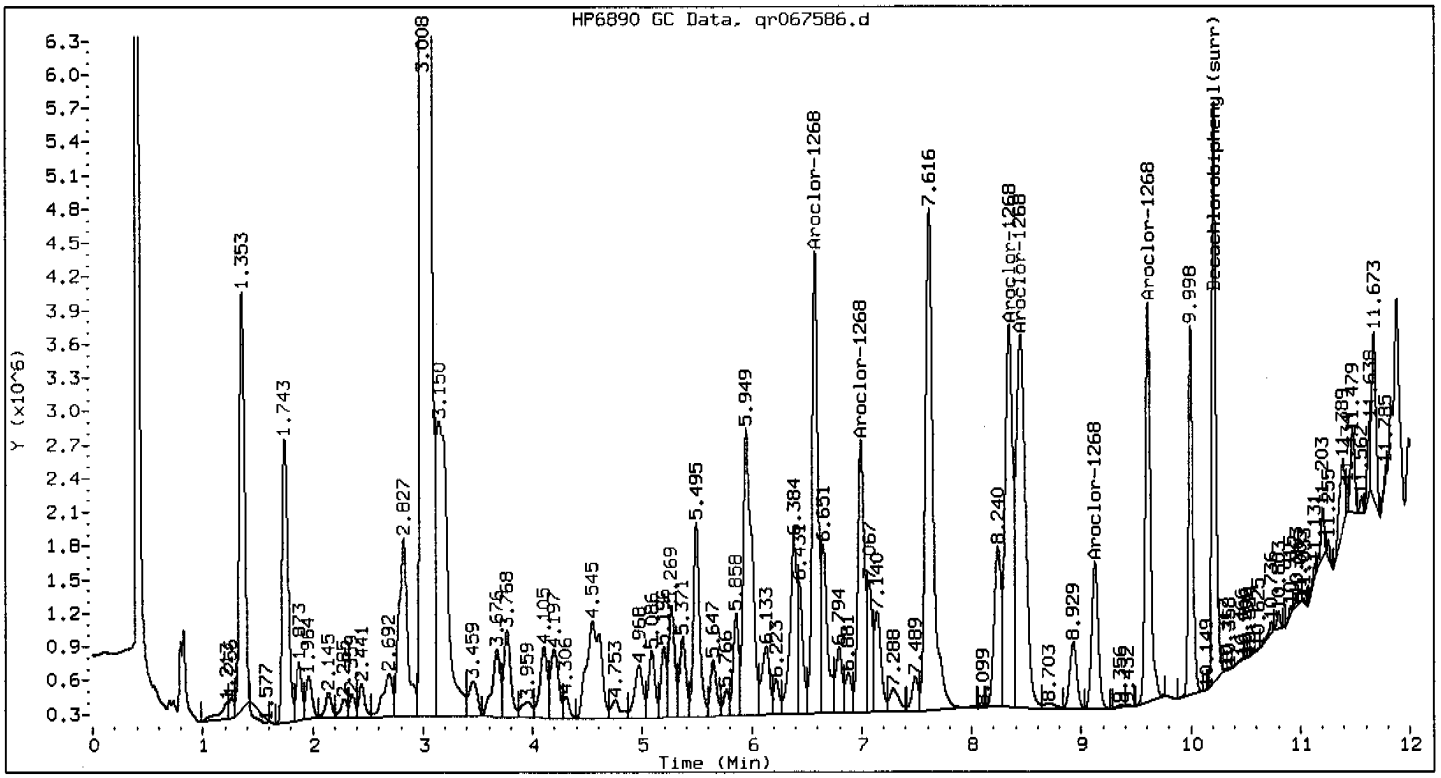
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.206	10.209	0.003	17985937	58.687	46.800



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/06Qr8082.m
Sample Info : 884073;4040105
Lab ID : 884073
Inj Date : 15-DEC-2007 21:40
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.210	10.209	0.001	16138866	52.660	59.503

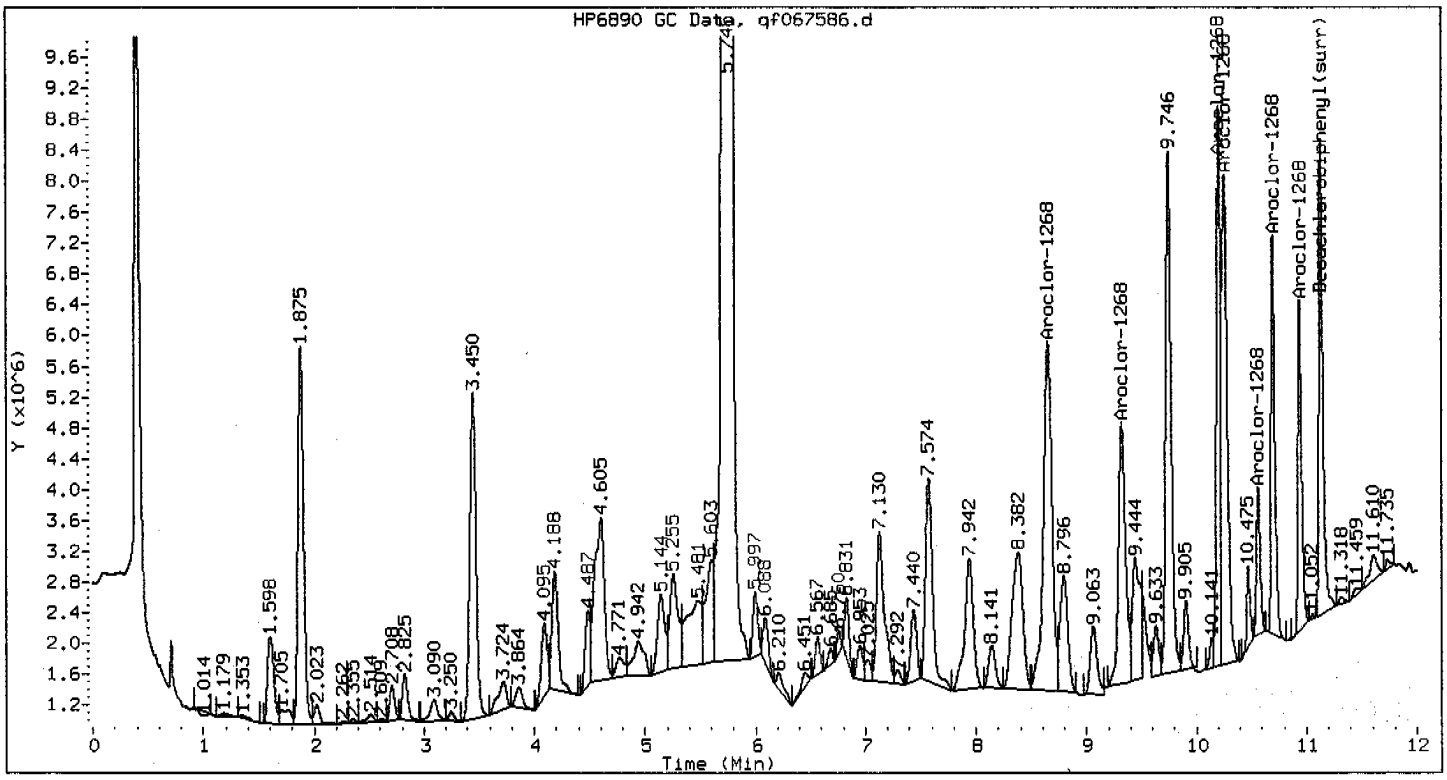


Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/06Qr8082.m
Sample Info : 884074;4040108
Lab ID : 884074
Inj Date : 15-DEC-2007 21:57
Operator : 615
Cpnd Sublist: PCB8082+
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1268	6.578	6.581	0.003	15544931	878.825	693.353
(2)	6.995	6.991	0.004	9963543	487.446	384.573
(3)	8.344	8.347	0.004	16434815	251.566	198.474
(4)	8.446	8.441	0.005	19721232	257.642	203.268
(5)	------	8.934	------	------	------	------ (*)
(6)	9.127	9.120	0.007	5379178	273.533	215.805
(7)	9.607	9.609	0.002	11940569	545.703	430.535
(8)	------	10.001	------	------	------	------ (*)
Average of peak concentrations:						350.00
Decachlorobiphenyl(surr)	10.210	10.209	0.001	13037169	42.539	33.562

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.

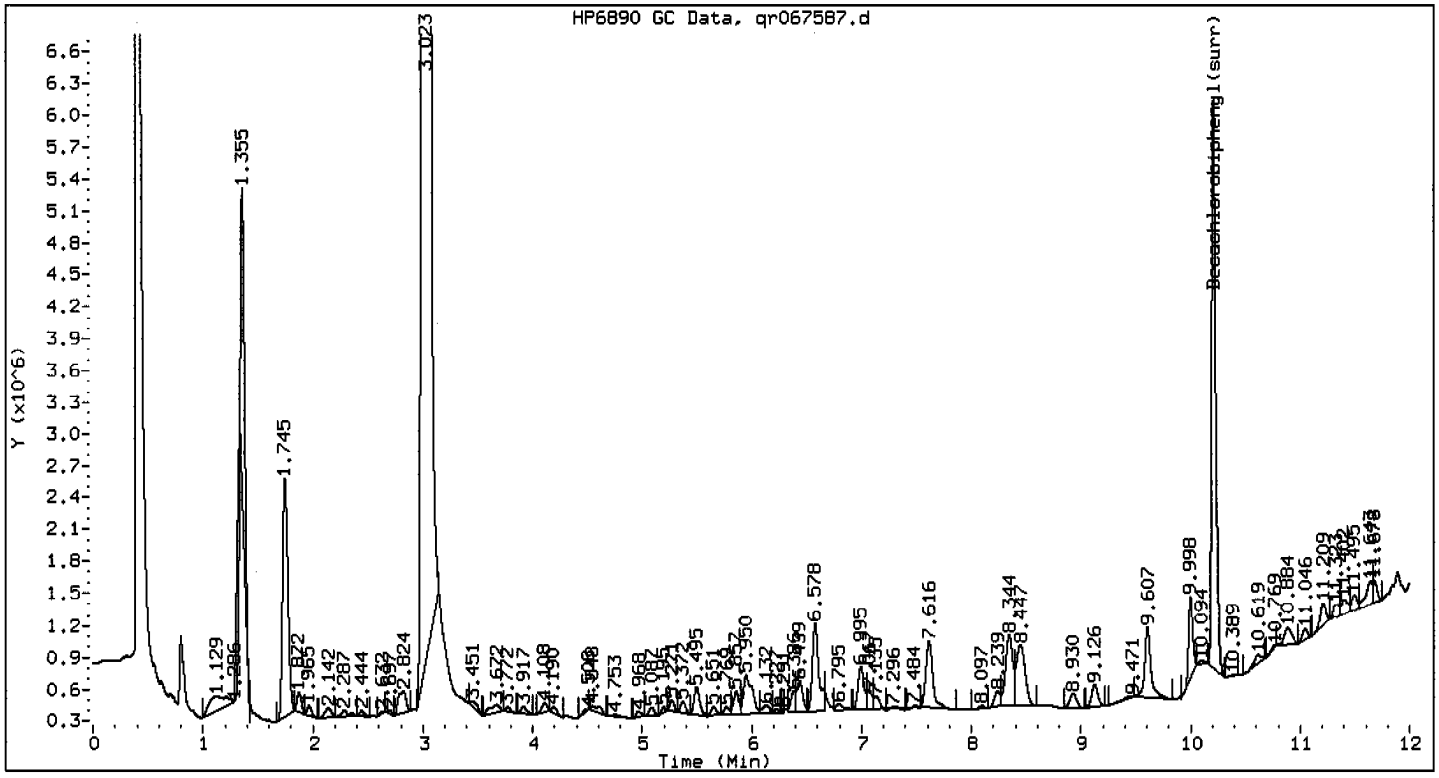


Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icali.b/06Qf8082.m
Sample Info : 884074;4040108
Lab ID : 884074
Inj Date : 15-DEC-2007 21:57
Operator : 615
Cpnd Sublist: PCB8082+
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1268	8.651	8.653	0.002	24956214	948.723	748.500
(2)	9.320	9.326	0.006	15037037	553.012	436.302
(3)	10.207	10.211	0.004	18002629	329.101	259.646
(4)	10.257	10.257	0.000	22328643	285.868	225.537
(5)	------	10.483	------	------	------	------ (*)
(6)	10.566	10.561	0.005	4588000	291.654	230.102
(7)	10.697	10.711	0.015	12256087	720.654	568.563
(8)	10.939	10.961	0.022	10030924	108.312	85.453
Average of peak concentrations:						360.00
Decachlorobiphenyl(surr)	11.129	11.132	0.002	15199464	51.925	40.967

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.

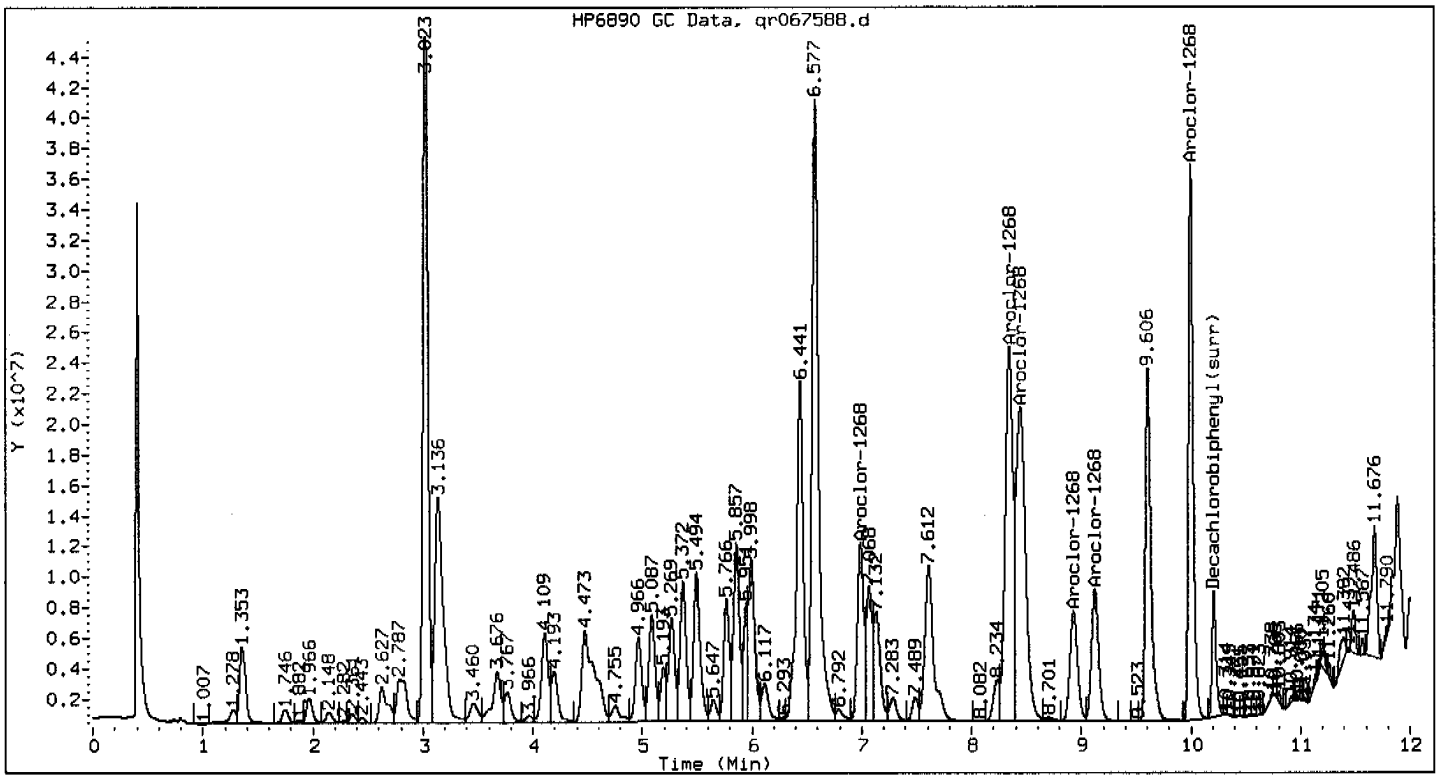


Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/06Qr8082.m
Sample Info : 884075;4040111
Lab ID : 884075
Inj Date : 15-DEC-2007 22:13
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

12/21/7

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.211	10.209	0.001	13599506	44.374	33.427



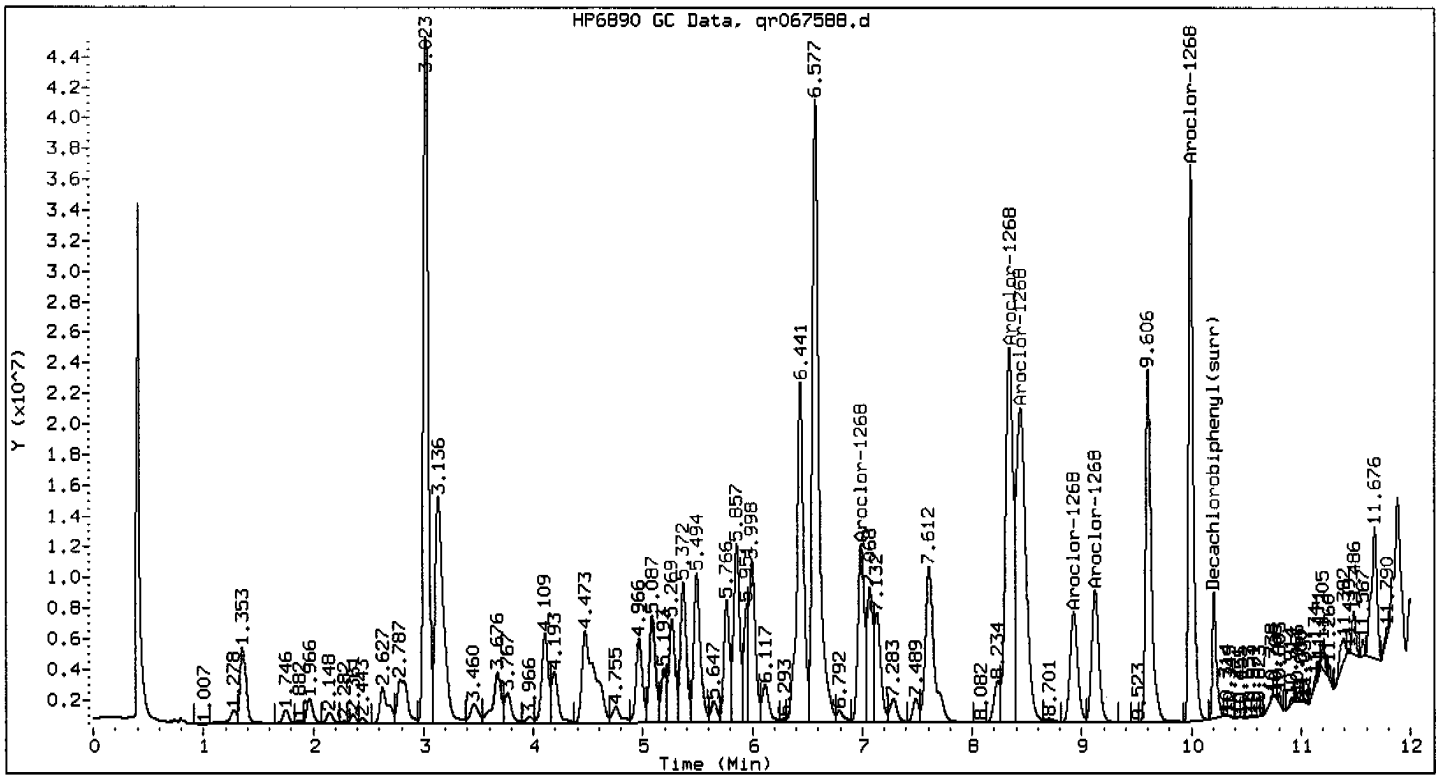
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/06Qr8082.m
Sample Info : 884076;4040114
Lab ID : 884076
Inj Date : 15-DEC-2007 22:29
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1268	------	6.581	------	------	------	------ (*)
(2)	6.990	6.991	0.002	45630267	2232.367	2035.902
(3)	8.342	8.347	0.005	119289382	1825.949	1665.252
(4)	8.441	8.441	0.001	124605709	1627.873	1484.609
(5)	8.929	8.934	0.005	34762220	626.400	571.272
(6)	9.123	9.120	0.003	39032957	1984.836	1810.156
(7)	------	9.609	------	------	------	------ (*)
(8)	9.996	10.001	0.005	107370118	995.836	908.195
Average of peak concentrations:						1400.00
Decachlorobiphenyl(surr)	10.208	10.209	0.001	20938959	68.322	62.309

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.

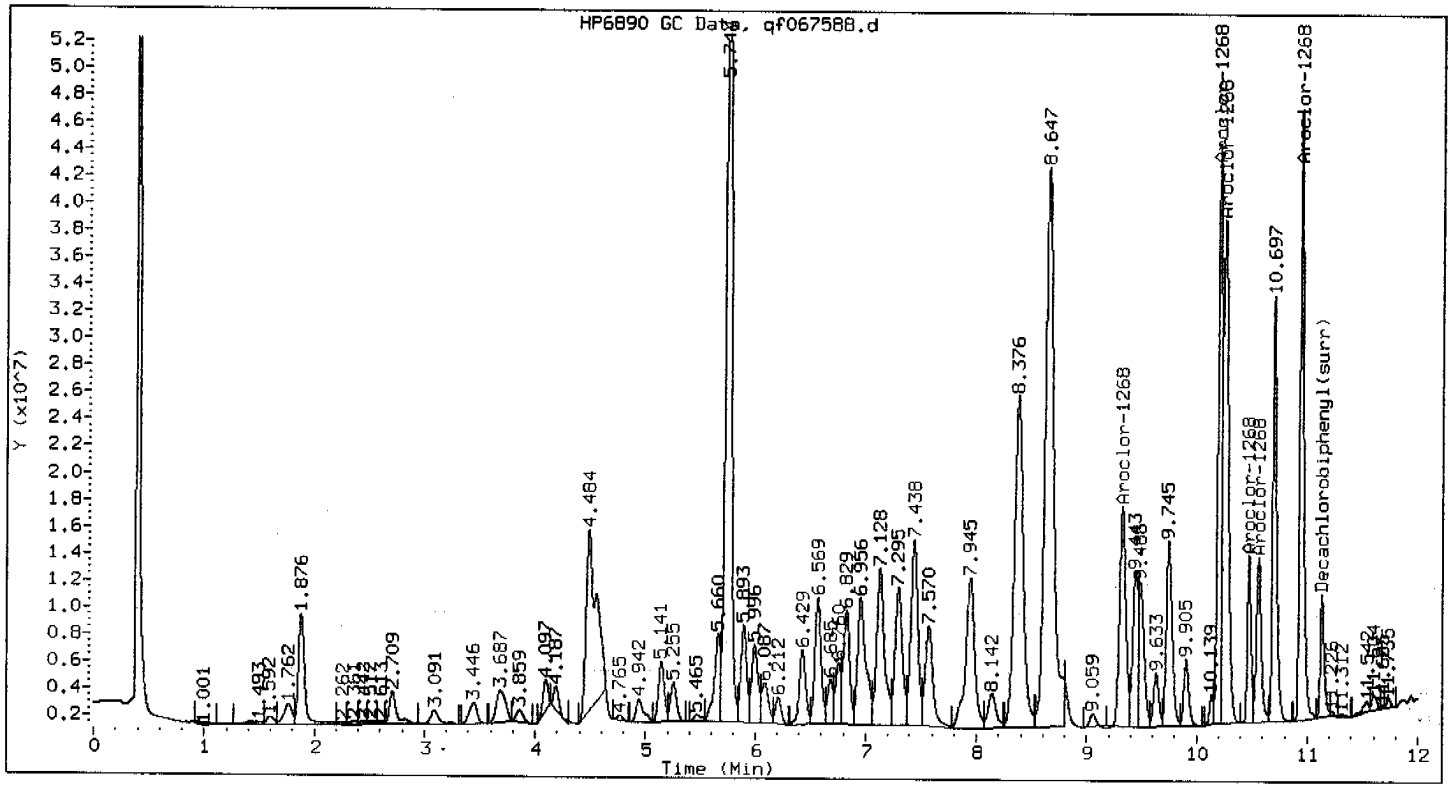


Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/06Qr8082.m
Sample Info : 884076;4040114
Lab ID : 884076
Inj Date : 15-DEC-2007 22:29
Operator : 615
Cpnd Sublist: PCB8082+
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1268	------	6.581	------	------	------	------ (*)
(2)	6.990	6.991	0.002	45630267	2232.367	2035.902
(3)	8.342	8.347	0.005	119289382	1825.949	1665.252
(4)	8.441	8.441	0.001	124605709	1627.873	1484.609
(5)	8.929	8.934	0.005	34762220	626.400	571.272
(6)	9.123	9.120	0.003	39032957	1984.836	1810.156
(7)	------	9.609	------	------	------	------ (*)
(8)	9.996	10.001	0.005	107370118	995.836	908.195
Average of peak concentrations:						1400.00
Decachlorobiphenyl(surr)	10.208	10.209	0.001	20938959	68.322	62.309

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



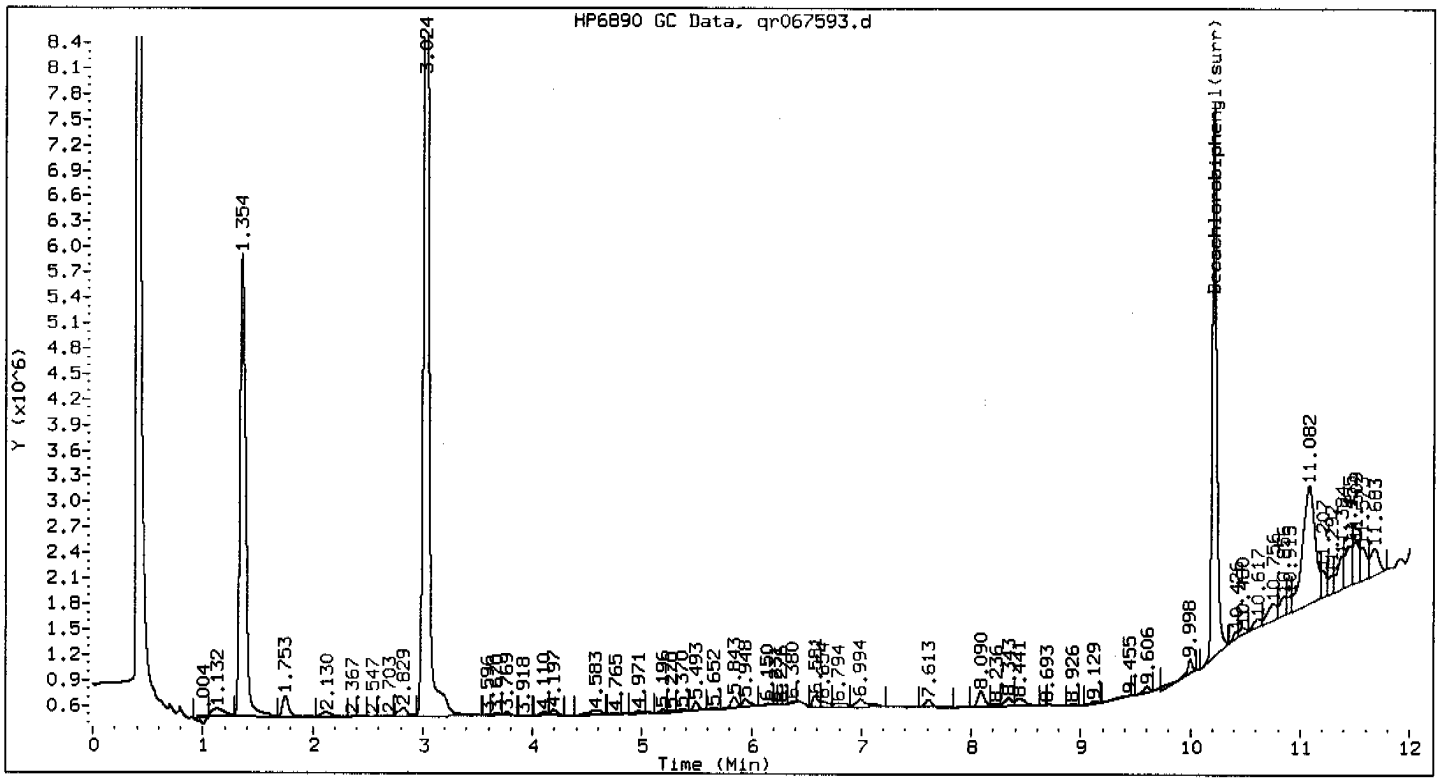
Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icali.b/06Qf8082.m
Sample Info : 884076;4040114
Lab ID : 884076
Inj Date : 15-DEC-2007 22:29
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1268	------	8.653	------	------	------	------ (*)
(2)	9.322	9.326	0.004	64541231	2373.611	2164.716
(3)	10.204	10.211	0.007	102773986	1878.784	1713.437
(4)	10.254	10.257	0.003	126667264	1621.687	1478.967
(5)	10.474	10.483	0.009	28964305	655.478	597.791
(6)	10.562	10.561	0.001	37076132	2356.888	2149.465
(7)	------	10.711	------	------	------	------ (*)
(8)	10.940	10.961	0.022	107796276	1163.960	1061.523
Average of peak concentrations:						1500.00
Decachlorobiphenyl(surr)	11.131	11.132	0.001	21926741	74.907	68.315

COMMENTS:

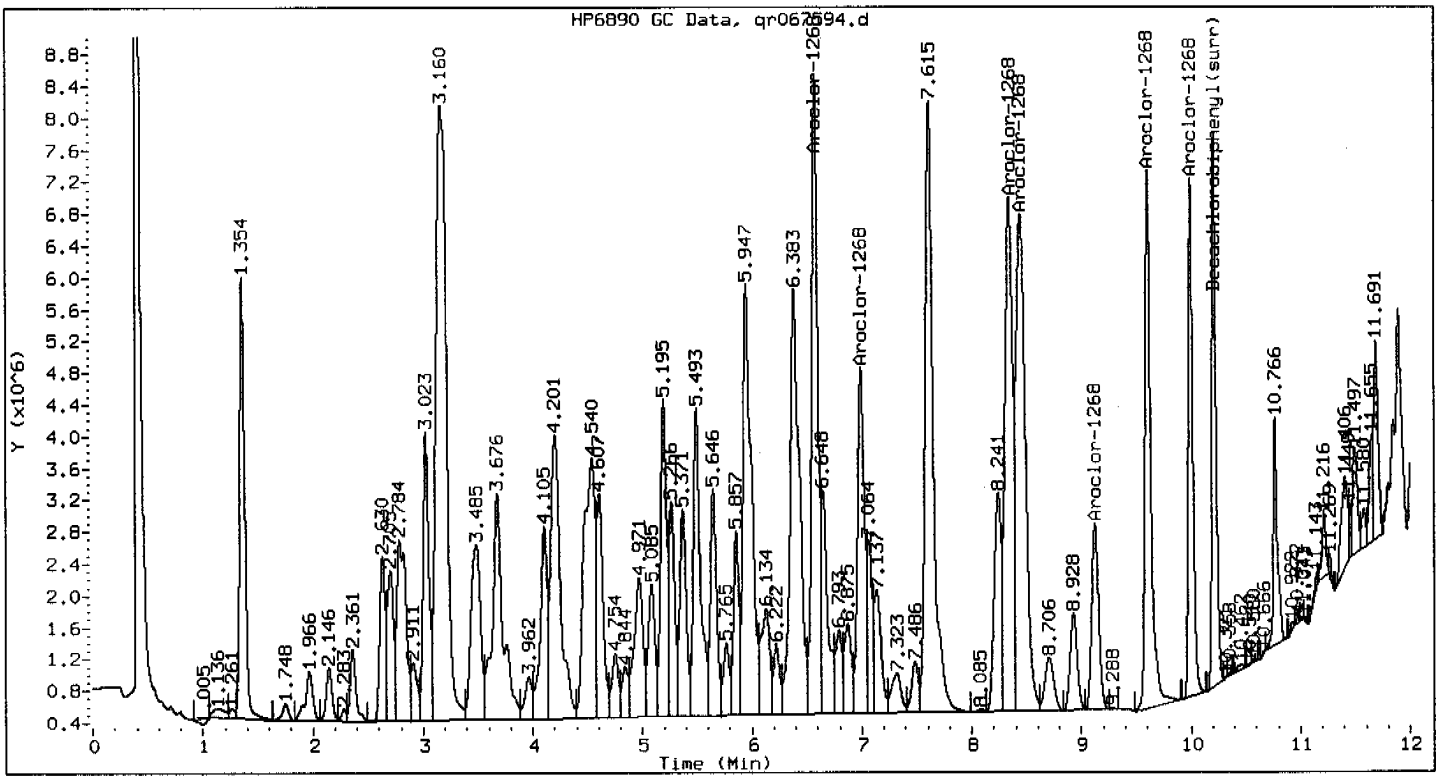
* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/06Qr8082.m
Sample Info : 884081;4040129
Lab ID : 884081
Inj Date : 15-DEC-2007 23:52
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.211	10.209	0.002	17894179	58.387	73.443

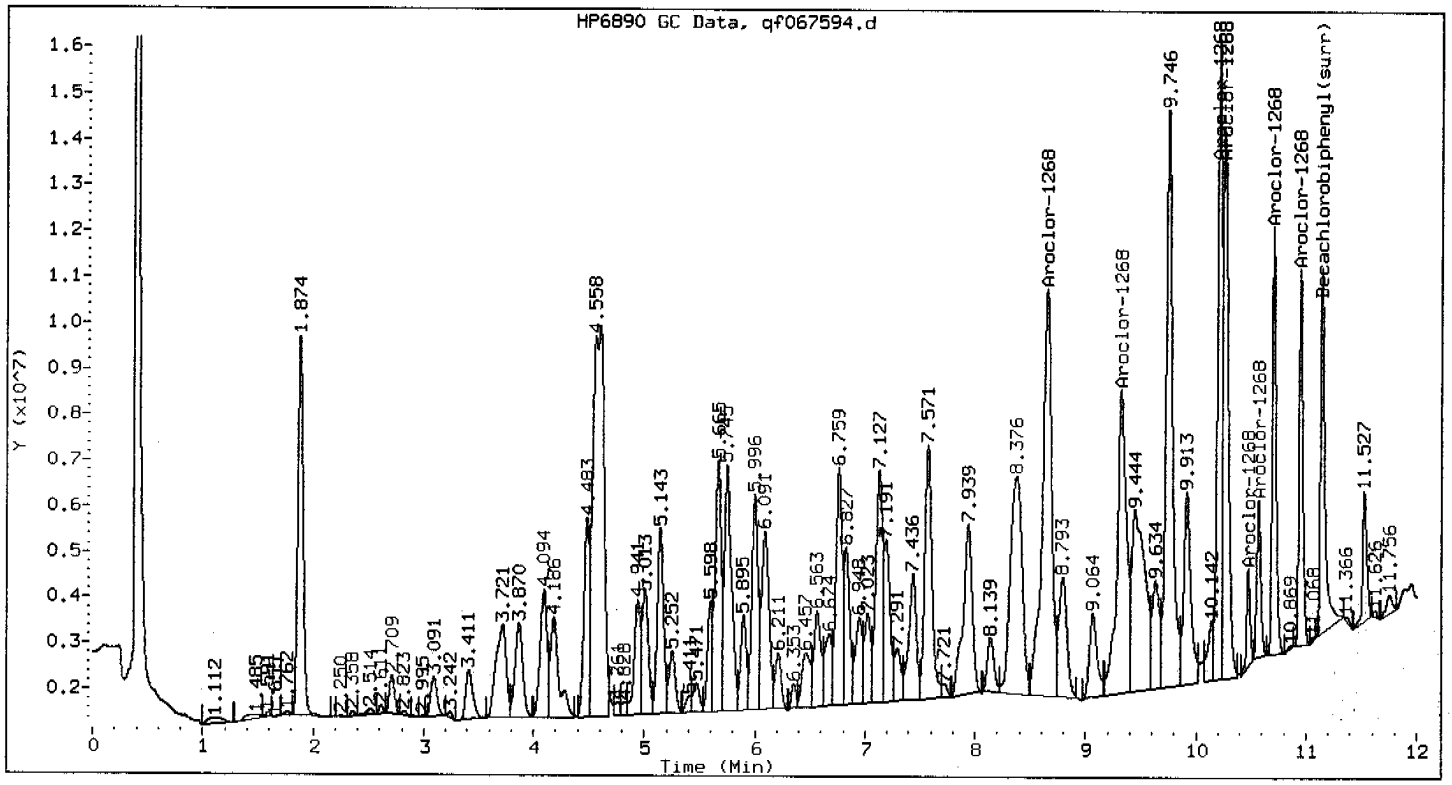


Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b/06Qr8082.m
Sample Info : 884082;4040132
Lab ID : 884082
Inj Date : 16-DEC-2007 00:08
Operator : 615
Cpnd Sublist: PCB8082+
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1268	6.577	6.581	0.003	31200322	1763.896	1442.859
(2)	6.994	6.991	0.002	18380398	899.223	735.561
(3)	8.342	8.347	0.005	31254493	478.409	391.337
(4)	8.445	8.441	0.004	38067723	497.324	406.809
(5)	------	8.934	------	------	------	------ (*)
(6)	9.126	9.120	0.006	10176760	517.491	423.305
(7)	9.606	9.609	0.003	25055126	1145.059	936.654
(8)	9.997	10.001	0.003	19244228	178.486	146.001
Average of peak concentrations:						640.00
Decachlorobiphenyl(surr)	10.211	10.209	0.001	17970159	58.635	47.963

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icali.b/06Qf8082.m
Sample Info : 884082;4040132
Lab ID : 884082
Inj Date : 16-DEC-2007 00:08
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1268	8.648	8.653	0.005	53308824	2026.563	1657.720
(2)	9.320	9.326	0.007	38836541	1428.279	1168.326
(3)	10.208	10.211	0.003	35832628	655.047	535.826
(4)	10.257	10.257	0.000	43271172	553.989	453.161
(5)	10.477	10.483	0.006	4690182	106.141	86.823
(6)	10.570	10.561	0.008	8623795	548.205	448.429
(7)	10.702	10.711	0.009	22359938	1314.757	1075.466
(8)	10.948	10.961	0.013	18848491	203.522	166.480
Average of peak concentrations:						700.00
Decachlorobiphenyl(surr)	11.141	11.132	0.009	22015674	75.211	61.522

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalj.b/qr067596.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalj.b/06Qr8082.m

Sample Information: SG1660L3_00003 J
Injection Date: 16-DEC-2007 00:40

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.738	1000	1089.13	8.91
Aroclor-1016	2	2.142	1000	1057.11	5.71
Aroclor-1016	3	2.375	1000	1056.33	5.63
Aroclor-1016	4	2.704	1000	1026.07	2.61
Aroclor-1016	5	2.878	1000	1079.85	7.98
Aroclor-1016	6	2.953	1000	1033.33	3.33
Aroclor-1016	7	3.456	1000	1065.14	6.51
Aroclor-1016	8	3.602	1000	1110.63	11.06
Aroclor-1260	1	5.488	1000	1044.65	4.46
Aroclor-1260	2	5.942	1000	1022.59	2.26
Aroclor-1260	3	6.381	1000	1016.75	1.68
Aroclor-1260	4	6.572	1000	1041.85	4.19
Aroclor-1260	5	6.991	1000	1043.71	4.37
Aroclor-1260	6	8.232	1000	1050.76	5.08
Aroclor-1260	7	8.442	1000	1125.32	12.53
Aroclor-1260	8	9.602	1000	999.71	0.03

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.353	100	97.31	2.69
Decachlorobiphenyl(sur	10.206	100	103.86	3.86

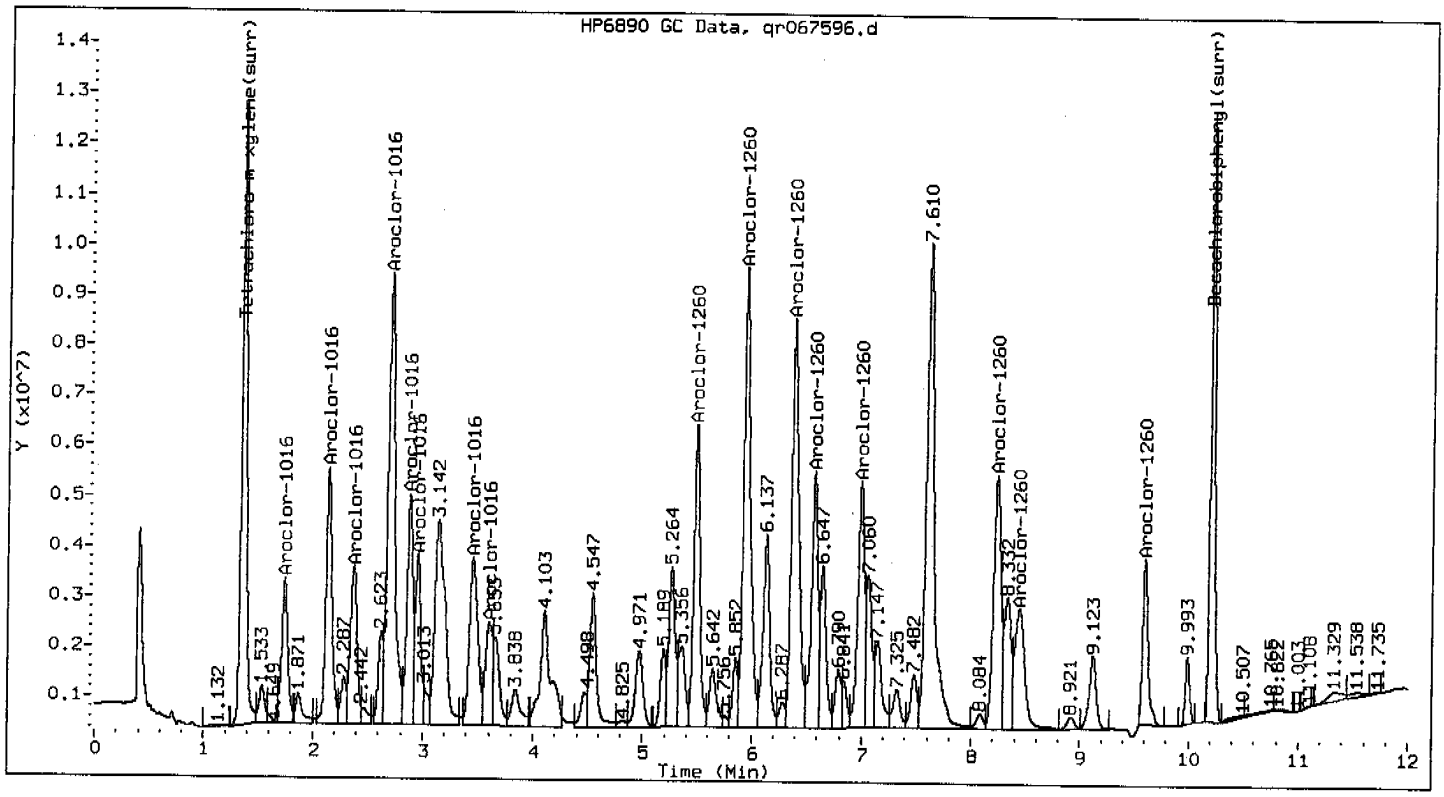
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalj.b/qr067596.d
Injection Date: 16-DEC-2007 00:40

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.738	
	2.155	(2.085 - 2.225)	2.142	
	2.384	(2.314 - 2.454)	2.375	
	2.713	(2.645 - 2.785)	2.704	
	2.888	(2.818 - 2.958)	2.878	
	2.963	(2.893 - 3.033)	2.953	
	3.465	(3.395 - 3.535)	3.456	
	3.613	(3.543 - 3.683)	3.602	
Aroclor-1260	5.495	(5.425 - 5.565)	5.488	
	5.948	(5.878 - 6.018)	5.942	
	6.387	(6.317 - 6.457)	6.381	
	6.578	(6.508 - 6.648)	6.572	
	6.998	(6.928 - 7.068)	6.991	
	8.243	(8.173 - 8.313)	8.232	
	8.453	(8.383 - 8.523)	8.442	
	9.609	(9.539 - 9.679)	9.602	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.353	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.206	



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalj.b/06Qr8082.m
Sample Info : SG1660L3_00003 J
Lab ID : SG1660L3_00003 J
Inj Date : 16-DEC-2007 00:40
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	1.738	1.738	0.000	11263850	1089.131	1089.131
(2)		2.142	2.142	0.000	20086230	1057.112	1057.112
(3)		2.375	2.375	0.000	13407870	1056.331	1056.331
(4)		2.704	2.704	0.000	41607040	1026.069	1026.069
(5)		2.878	2.878	0.000	17072746	1079.847	1079.847
(6)		2.953	2.953	0.000	12209358	1033.329	1033.329
(7)		3.456	3.456	0.000	17631878	1065.139	1065.139
(8)		3.602	3.602	0.000	8886300	1110.635	1110.635
Average of peak concentrations:							1100.00
Aroclor-1260	(M)	5.488	5.488	0.000	23679508	1044.650	1044.650
(2)		5.942	5.942	0.000	41369426	1022.593	1022.593
(3)		6.381	6.381	0.000	38312837	1016.752	1016.752
(4)		6.572	6.572	0.000	20692492	1041.855	1041.855
(5)		6.991	6.991	0.000	20060972	1043.709	1043.709
(6)		8.232	8.232	0.000	24455735	1050.757	1050.757

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)		8.442	8.442	0.000	15763608	1125.322	1125.322
(8)		9.602	9.602	0.000	11356065	999.714	999.714
Average of peak concentrations:							1000.00
Tetrachloro-m-xylene(surr)	(M)	1.353	1.353	0.000	38908630	97.308	97.308
Decachlorobiphenyl(surr)	(M)	10.206	10.206	0.000	31829201	103.856	103.856

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalj.b/qf067596.d
Method: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalj.b/06Qf8082.m

Sample Information: SG1660L3_00003 J
Injection Date: 16-DEC-2007 00:40

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.507	1000	1111.31	11.13
Aroclor-1016	2	3.074	1000	1051.27	5.13
Aroclor-1016	3	3.444	1000	1142.16	14.22
Aroclor-1016	4	3.849	1000	1019.55	1.96
Aroclor-1016	5	4.096	1000	1036.89	3.69
Aroclor-1016	6	4.537	1000	1036.36	3.64
Aroclor-1016	7	4.925	1000	1057.13	5.71
Aroclor-1016	8	5.137	1000	1110.10	11.01
Aroclor-1260	1	7.117	1000	1124.69	12.47
Aroclor-1260	2	7.558	1000	1077.89	7.79
Aroclor-1260	3	8.378	1000	1106.51	10.65
Aroclor-1260	4	8.634	1000	1076.81	7.68
Aroclor-1260	5	8.778	1000	1061.20	6.12
Aroclor-1260	6	9.307	1000	1062.11	6.21
Aroclor-1260	7	10.202	1000	1164.74	16.47<-
Aroclor-1260	8	10.692	1000	1471.27	47.13<-

12/16/17

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.860	100	103.21	3.21
Decachlorobiphenyl(sur	11.122	100	107.21	7.21

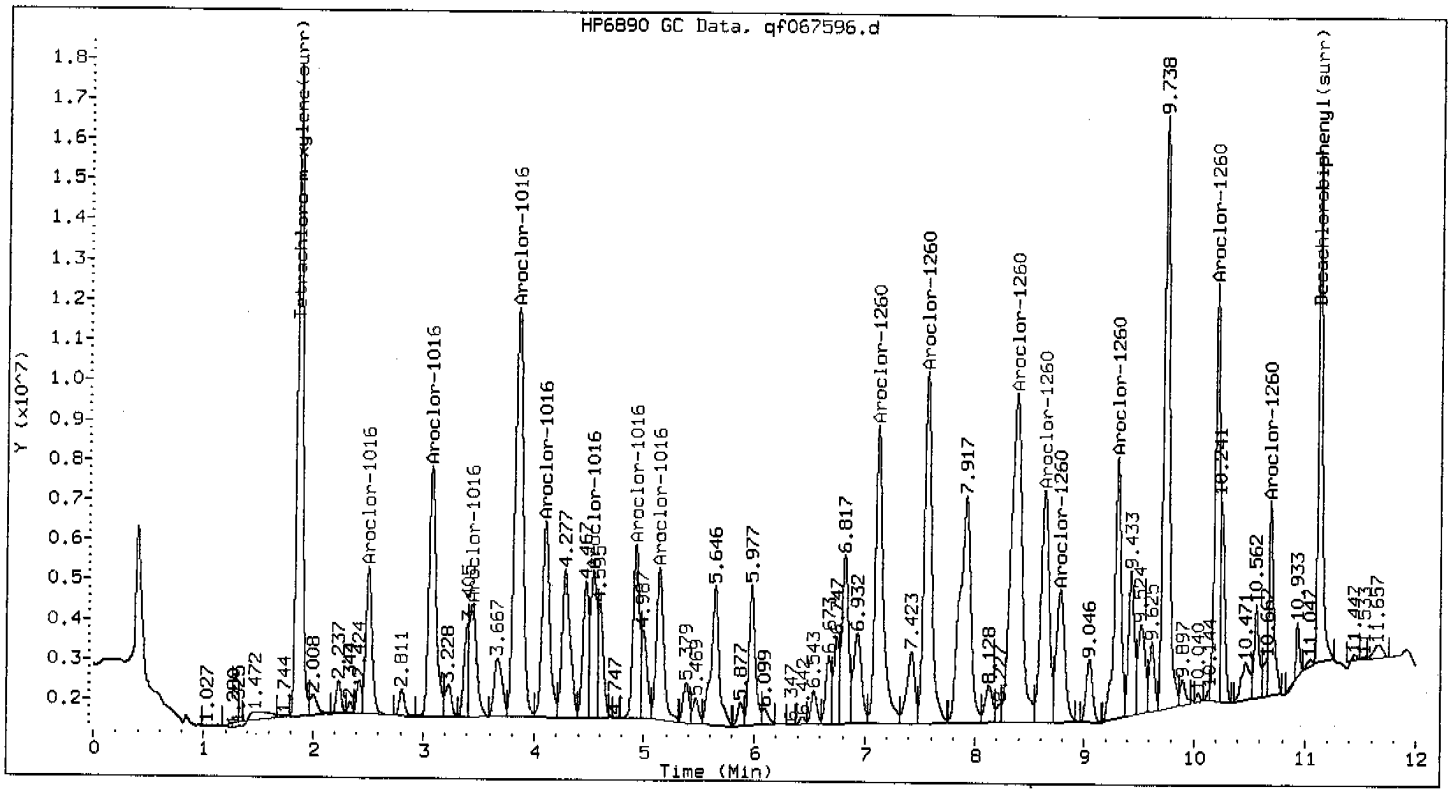
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalj.b/qf067596.d
Injection Date: 16-DEC-2007 00:40

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.517	(2.447 - 2.587)	2.507	
	3.082	(3.012 - 3.152)	3.074	
	3.454	(3.384 - 3.524)	3.444	
	3.859	(3.789 - 3.929)	3.849	
	4.104	(4.034 - 4.174)	4.096	
	4.544	(4.474 - 4.614)	4.537	
	4.933	(4.863 - 5.003)	4.925	
	5.144	(5.074 - 5.214)	5.137	
Aroclor-1260	7.124	(7.054 - 7.194)	7.117	
	7.565	(7.495 - 7.635)	7.558	
	8.387	(8.317 - 8.457)	8.378	
	8.642	(8.572 - 8.712)	8.634	
	8.789	(8.719 - 8.859)	8.778	
	9.312	(9.242 - 9.382)	9.307	
	10.211	(10.141 - 10.281)	10.202	
	10.709	(10.639 - 10.779)	10.692	
Tetrachloro-m-xylene(surr)	1.876	(1.826 - 1.926)	1.860	
Decachlorobiphenyl(surr)	11.154	(11.054 - 11.254)	11.122	



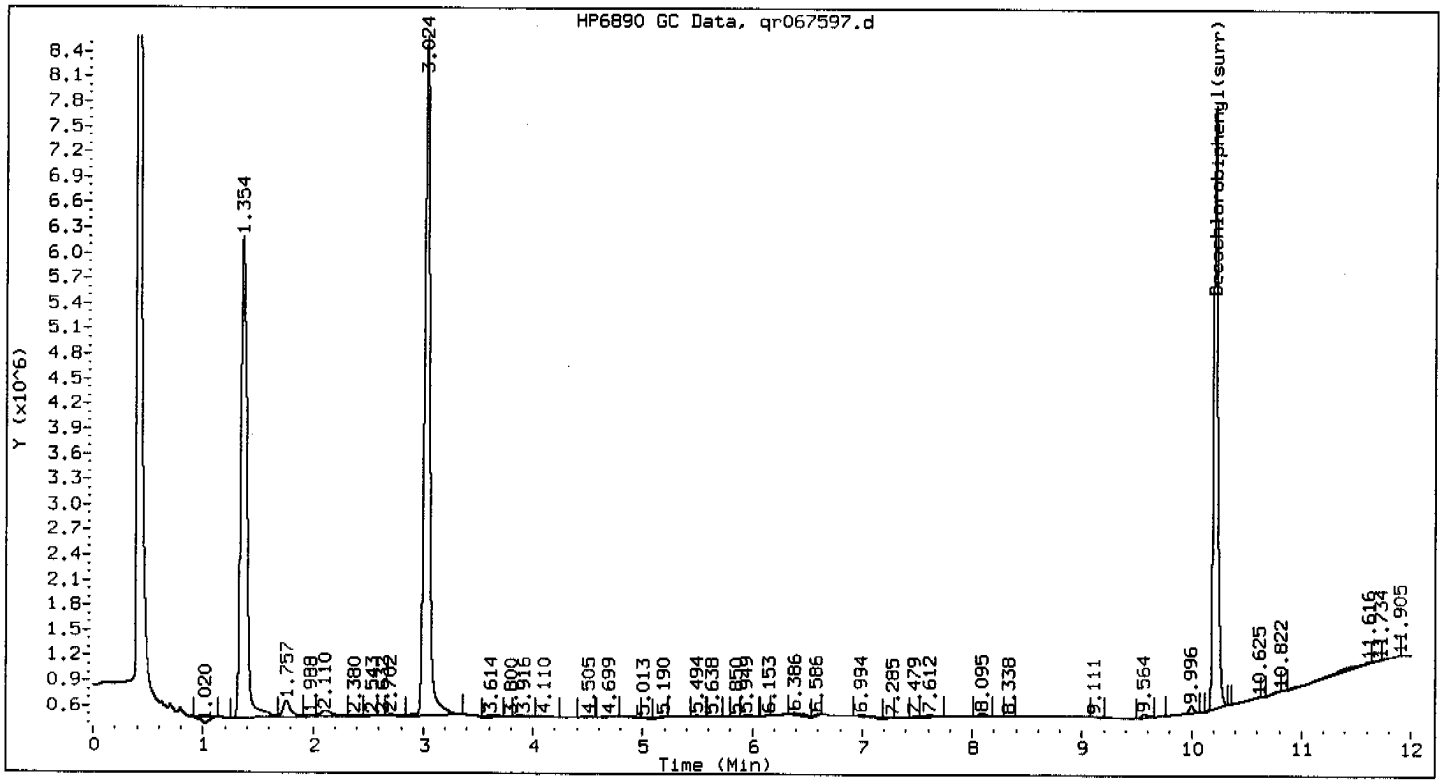
Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalj.b/06Qf8082.m
Sample Info : SG1660L3_00003 J
Lab ID : SG1660L3_00003 J
Inj Date : 16-DEC-2007 00:40
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.507	2.507	0.000	14326430	1111.311	1111.311
(2)		3.074	3.074	0.000	28319281	1051.269	1051.269
(3)		3.444	3.444	0.000	13521969	1142.162	1142.162
(4)		3.849	3.849	0.000	52796698	1019.555	1019.555
(5)		4.096	4.096	0.000	23299597	1036.889	1036.889
(6)		4.537	4.537	0.000	14403141	1036.356	1036.356
(7)		4.925	4.925	0.000	17562449	1057.132	1057.132
(8)		5.137	5.137	0.000	18043397	1110.098	1110.098
Average of peak concentrations:							1100.00
Aroclor-1260	(M)	7.117	7.117	0.000	37430702	1124.689	1124.689
(2)		7.558	7.558	0.000	42205336	1077.885	1077.885
(3)		8.378	8.378	0.000	58142340	1106.508	1106.508
(4)		8.634	8.634	0.000	30796684	1076.813	1076.813
(5)		8.778	8.778	0.000	17832935	1061.204	1061.204
(6)		9.307	9.307	0.000	27882487	1062.107	1062.107

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)		10.202	10.202	0.000	31397198	1164.744	1164.744
(8)		10.692	10.692	0.000	14046444	1471.267	1471.267
Average of peak concentrations:							1100.00
Tetrachloro-m-xylene(surr)		1.860	1.860	0.000	56792351	103.213	103.213
Decachlorobiphenyl(surr)	(M)	11.122	11.122	0.000	31383581	107.214	107.214

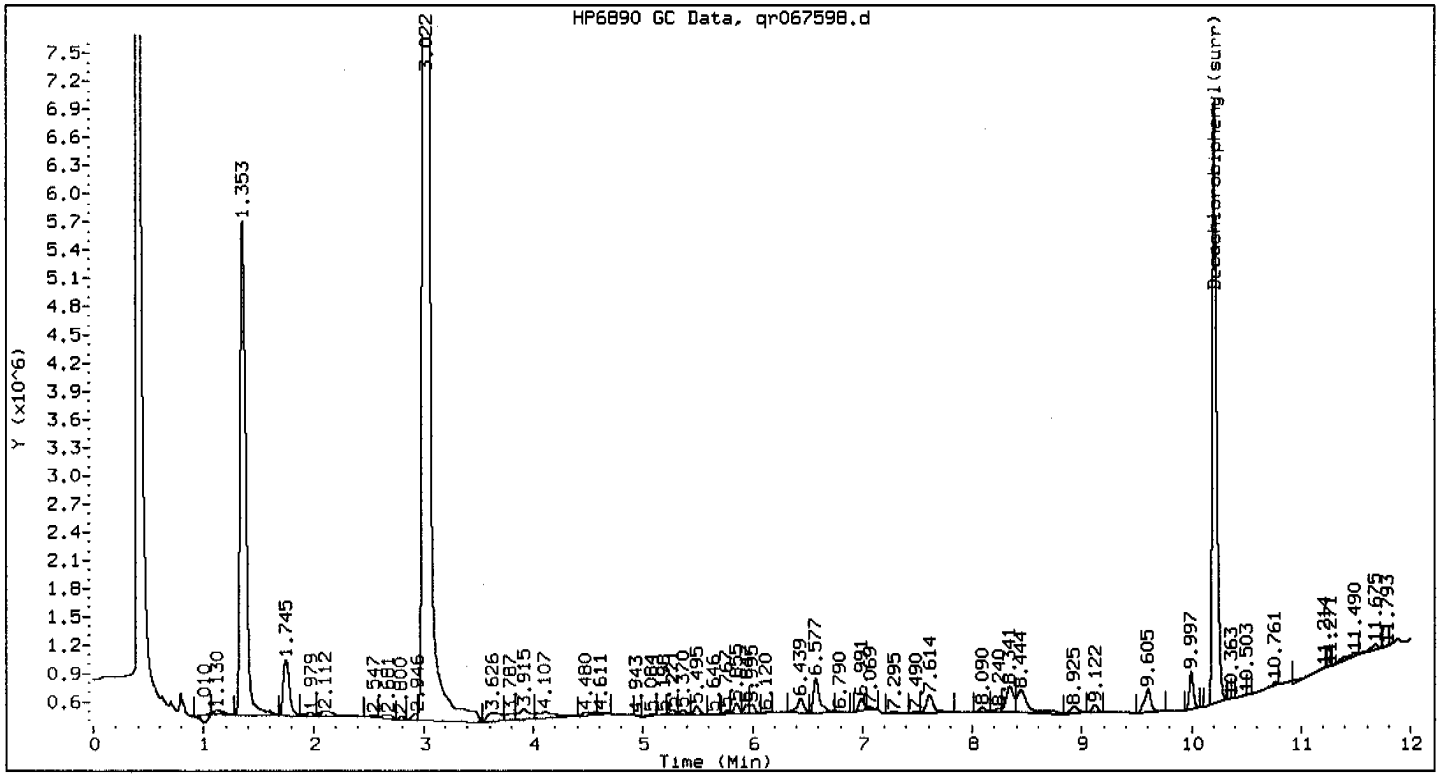
COMMENTS:
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalj.b/06Qr8082.m
Sample Info : 884083;4040135
Lab ID : 884083
Inj Date : 16-DEC-2007 00:56
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.210	10.206	0.004	18795111	61.327	73.534

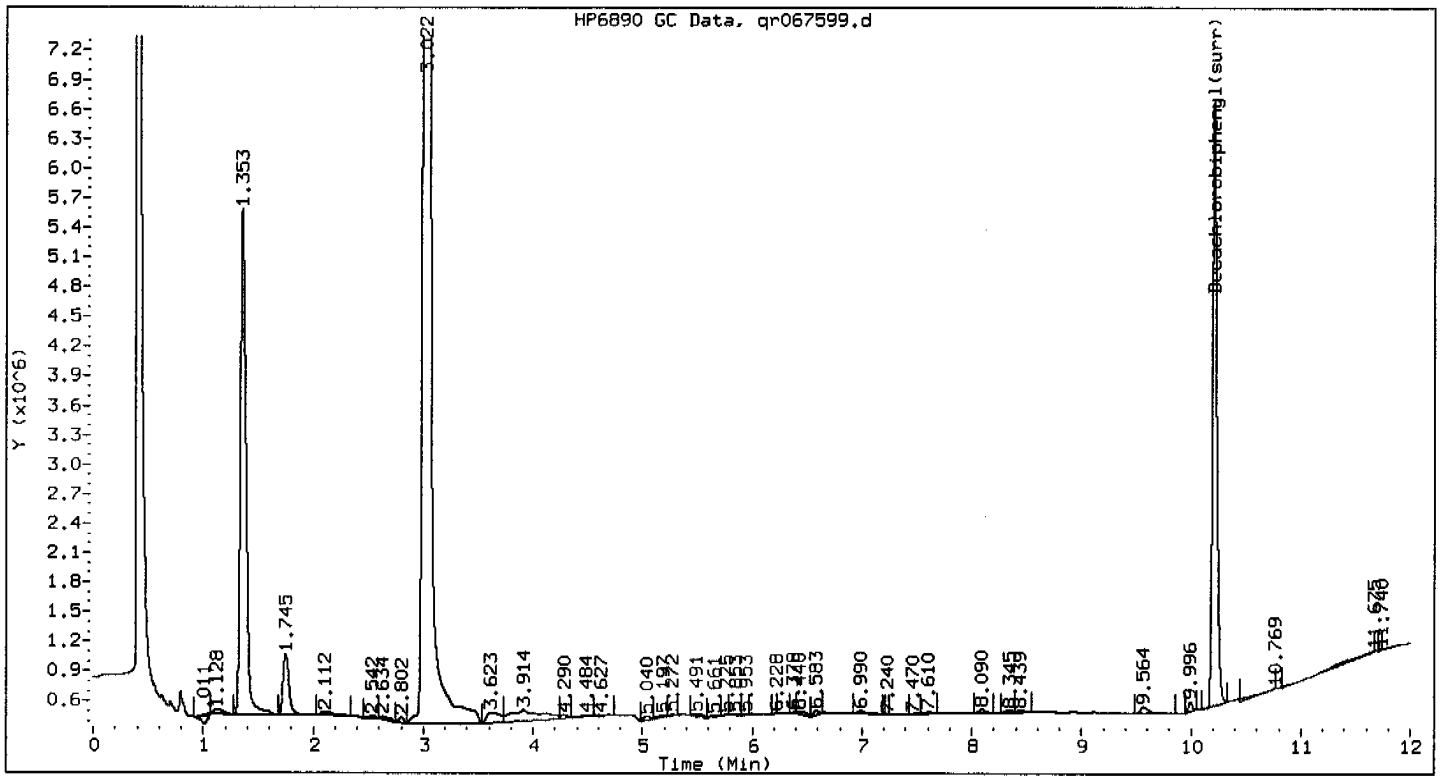


Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalj.b/06Qr8082.m
Sample Info : 884084;4040138
Lab ID : 884084
Inj Date : 16-DEC-2007 01:13
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

12/21/7

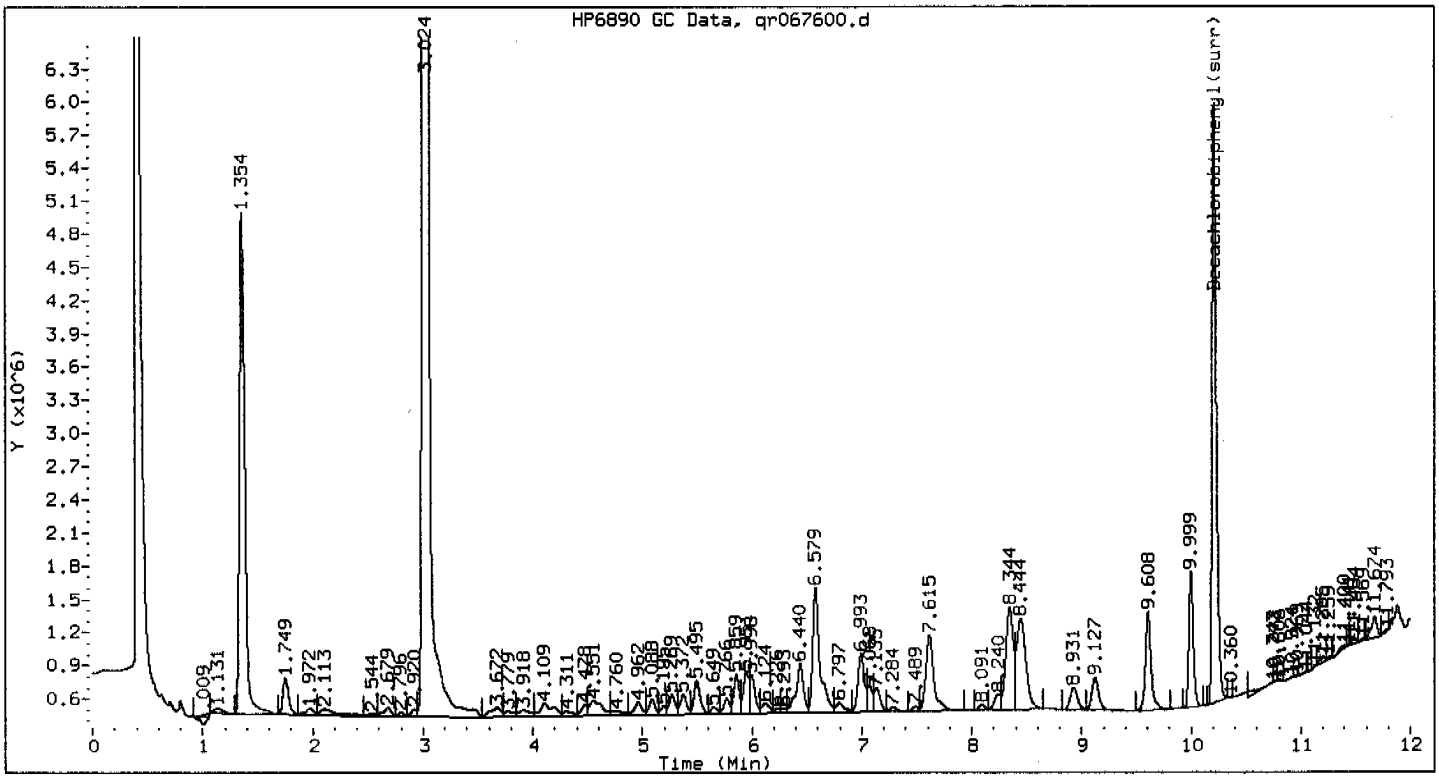
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.210	10.206	0.004	16846755	54.970	65.323



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalj.b/06Qr8082.m
Sample Info : 884085;4040141
Lab ID : 884085
Inj Date : 16-DEC-2007 01:29
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

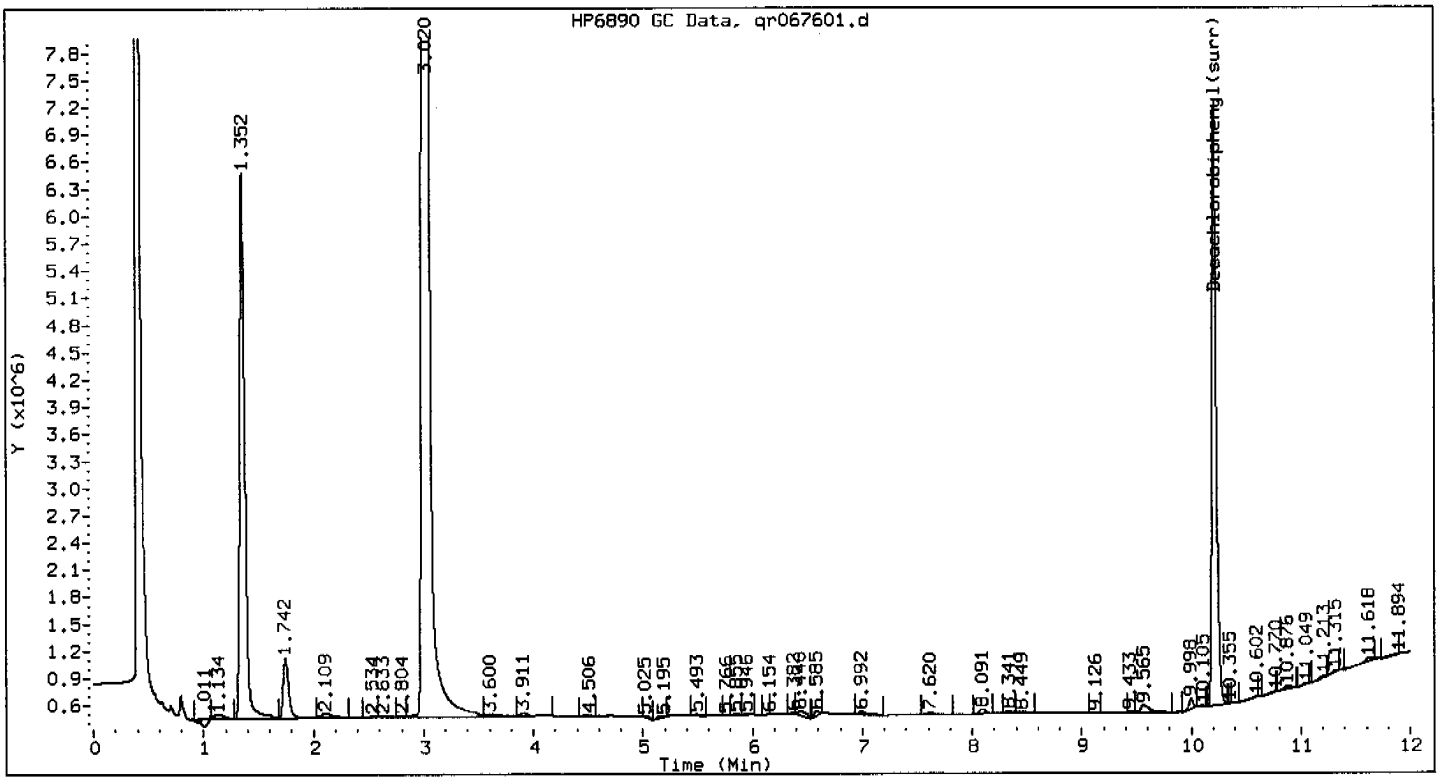
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.209	10.206	0.003	16103256	52.544	68.955



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalj.b/06Qr8082.m
Sample Info : 884086;4040144
Lab ID : 884086
Inj Date : 16-DEC-2007 01:46
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

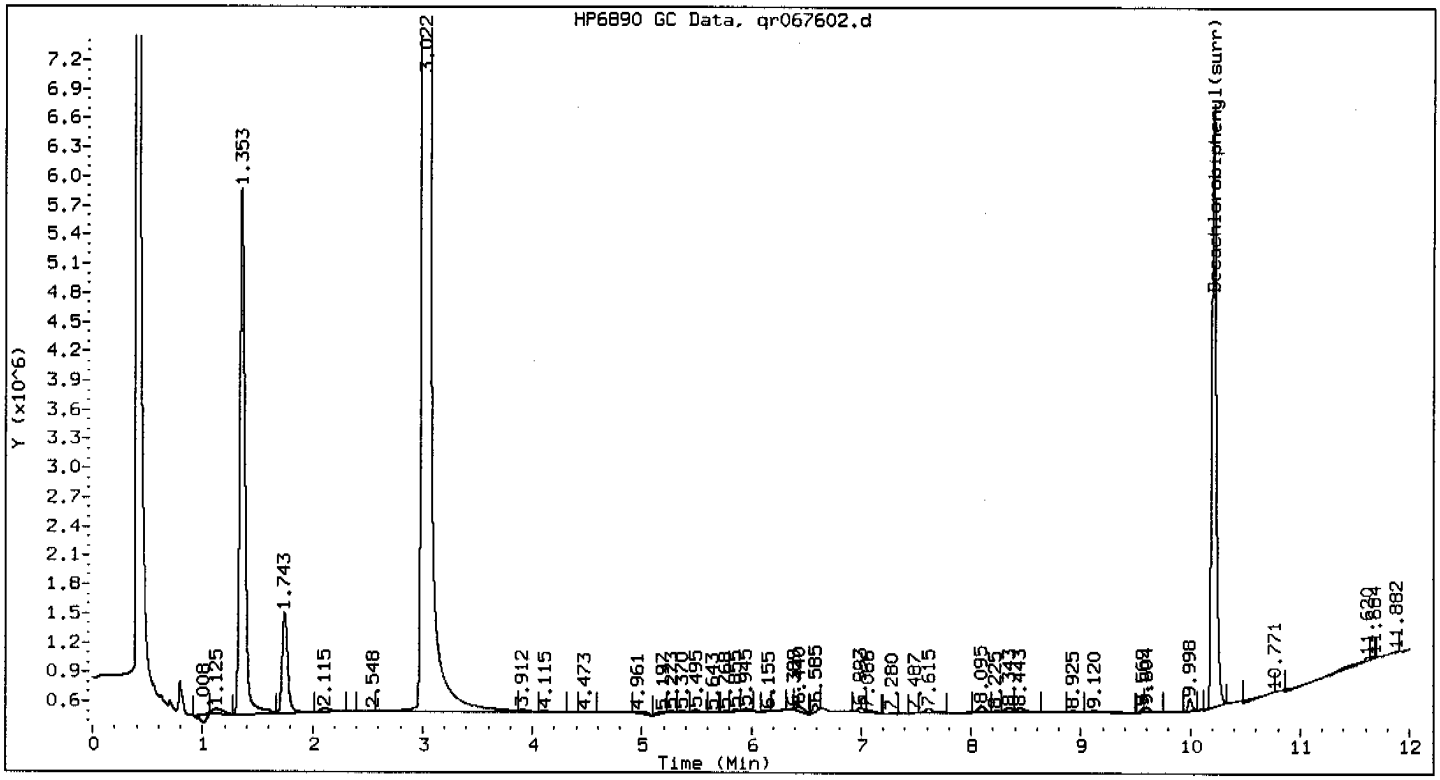
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.210	10.206	0.005	14249408	46.495	59.380



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalj.b/06Qr8082.m
Sample Info : 884087;4040147
Lab ID : 884087
Inj Date : 16-DEC-2007 02:02
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

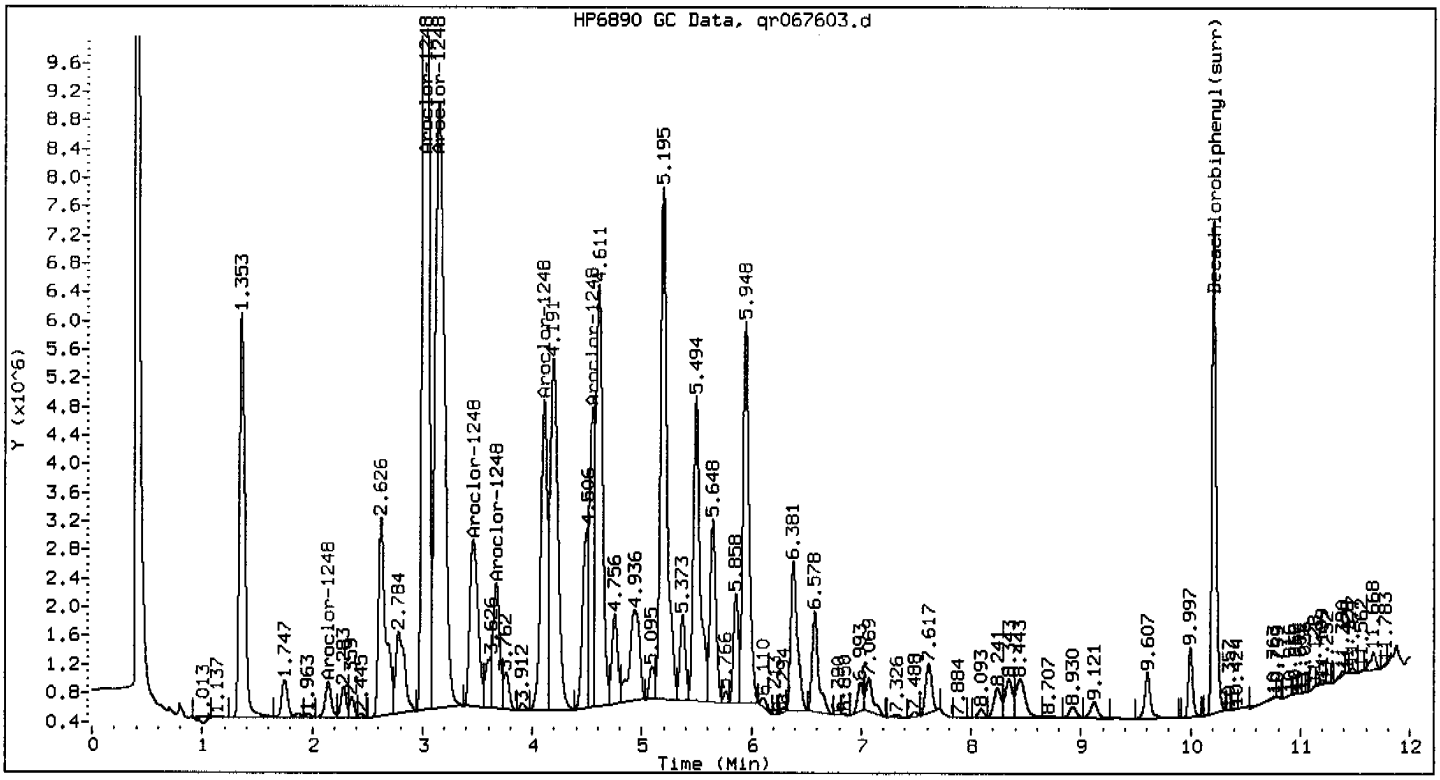
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.210	10.206	0.004	17517724	57.159	73.281



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalj.b/06Qr8082.m
Sample Info : 884088;4040150
Lab ID : 884088
Inj Date : 16-DEC-2007 02:19
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.210	10.206	0.005	16512277	53.878	59.666



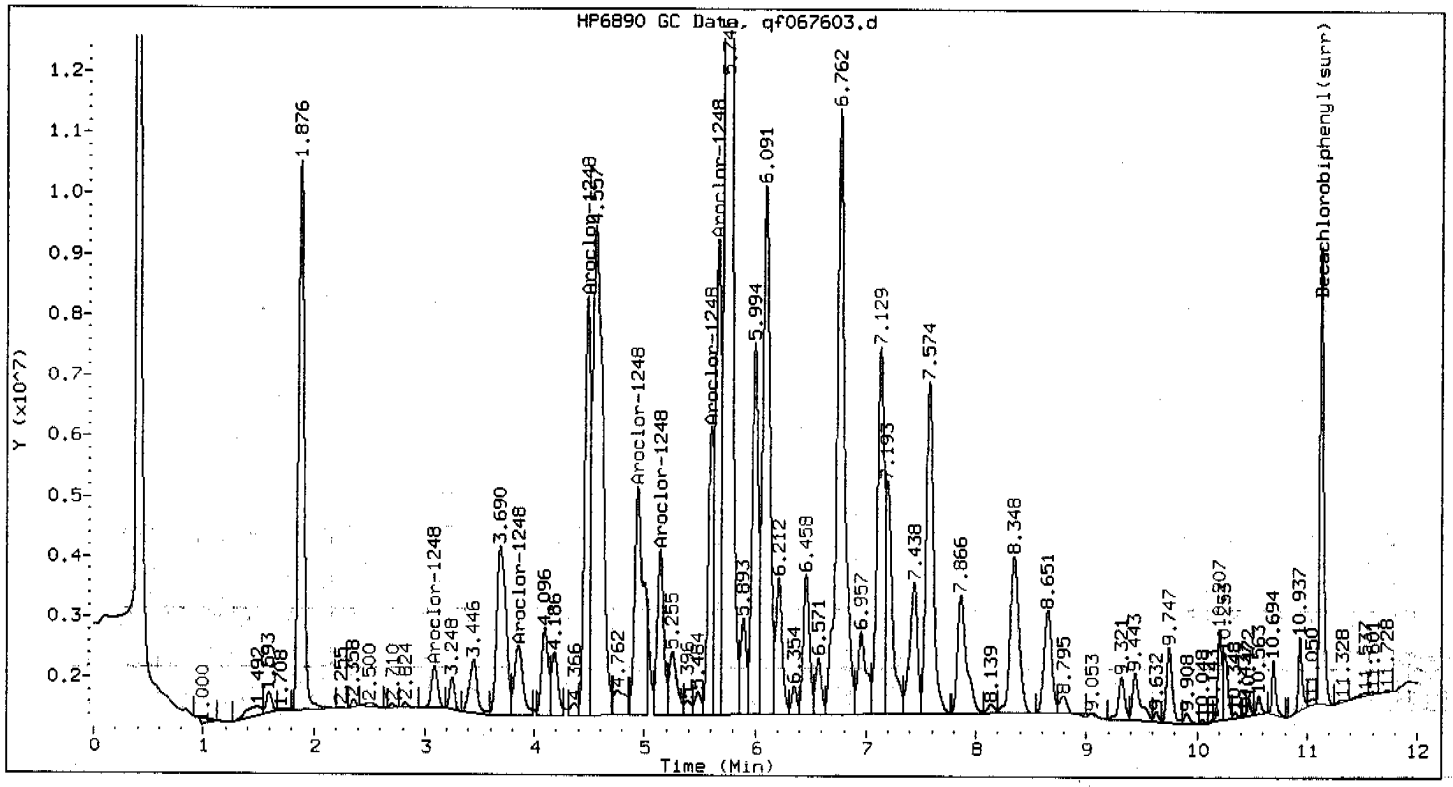
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalj.b/06Qr8082.m
Sample Info : 884090;4040154
Lab ID : 884090
Inj Date : 16-DEC-2007 02:35
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1248	(M)	------	2.151	------	------	------	------	(*)
(2)		------	2.709	------	------	------	------	(*)
(3)		------	2.961	------	------	------	------	(*)
(4)		------	3.145	------	------	------	------	(*)
(5)		3.463	3.467	0.004	12103196	595.225	855.208	
(6)		3.674	3.610	0.064	7702680	675.034	969.877	
(7)		4.108	4.043	0.065	17341371	1679.406	2412.940	
(8)		4.551	4.553	0.002	14024213	931.491	1338.350	
Average of peak concentrations:							1400.00	
Decachlorobiphenyl(surr)		10.209	10.206	0.004	17899608	58.405	83.915	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalj.b/06Qf8082.m
Sample Info : 884090;4040154
Lab ID : 884090
Inj Date : 16-DEC-2007 02:35
Operator : 615
Cpnd Sublist: PCB8082+

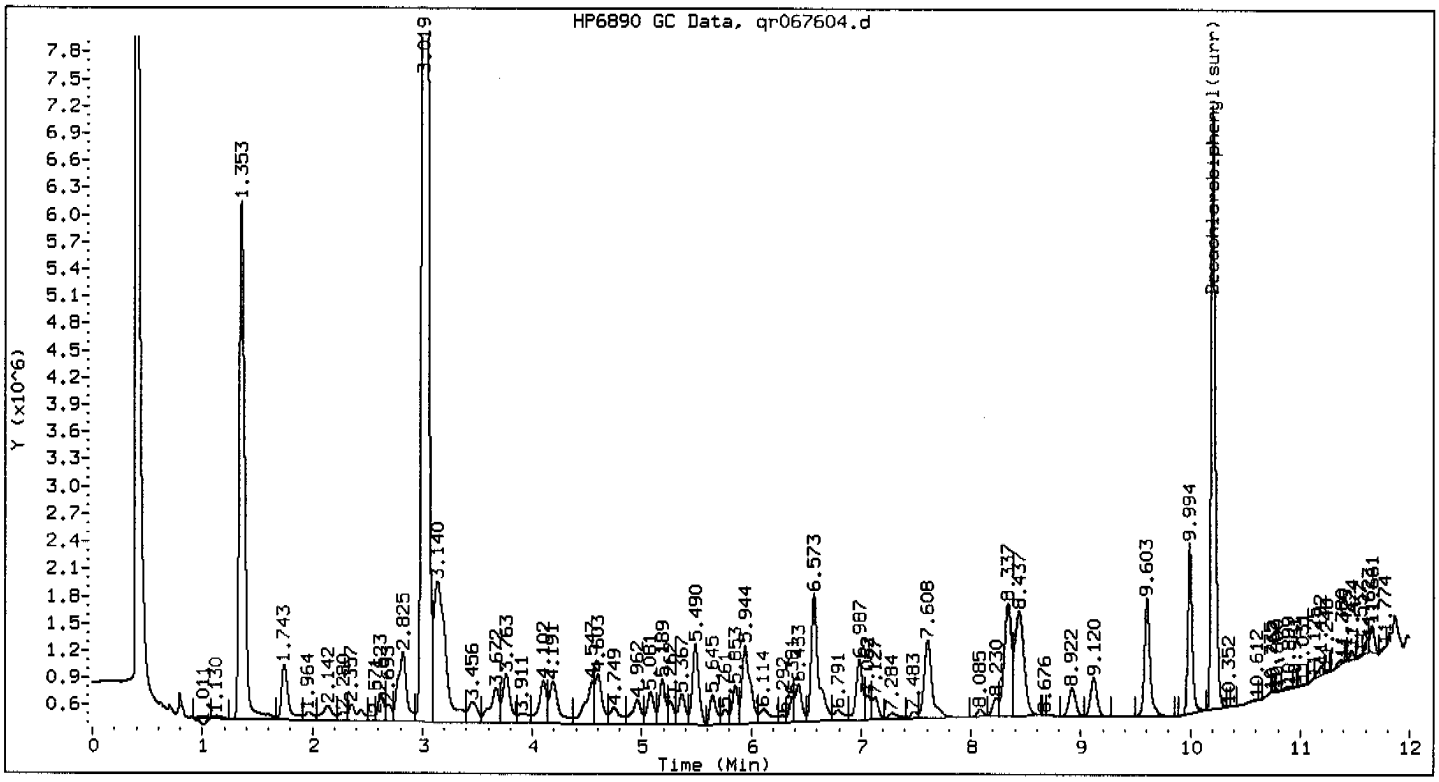
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

12/21/07

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1248	3.088	3.089	0.002	2744710	245.805	353.169
(2)	3.856	3.869	0.013	6248461	232.573	334.156
(3)	------	4.302	------	------	------	------ (*)
(4)	4.484	4.488	0.004	25141542	1547.541	2223.478
(5)	4.942	4.945	0.003	20773792	997.049	1432.542
(6)	5.145	5.156	0.011	11232993	492.267	707.280
(7)	5.601	5.603	0.002	14117791	632.351	908.551
(8)	5.663	5.672	0.009	28025408	836.059	1201.235
Average of peak concentrations:						1000.00
Decachlorobiphenyl(surr)	11.126	11.122	0.004	18117708	61.895	88.929

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalj.b/06Qr8082.m
Sample Info : 884091;4040157
Lab ID : 884091
Inj Date : 16-DEC-2007 02:50
Operator : 615
Cpnd Sublist: PCB8082+

12/21/7

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.206	10.206	0.000	17294426	56.430	78.868

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalk.b/qr067606.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalk.b/06Qr8082.m

Sample Information: SG1660L3_00003 K
Injection Date: 16-DEC-2007 03:23

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.739	1000	1107.70	10.77
Aroclor-1016	2	2.144	1000	1075.38	7.54
Aroclor-1016	3	2.376	1000	1087.69	8.77
Aroclor-1016	4	2.706	1000	1001.41	0.14
Aroclor-1016	5	2.881	1000	1075.33	7.53
Aroclor-1016	6	2.956	1000	1027.28	2.73
Aroclor-1016	7	3.459	1000	1072.58	7.26
Aroclor-1016	8	3.606	1000	948.65	5.14
Aroclor-1260	1	5.492	1000	1042.34	4.23
Aroclor-1260	2	5.944	1000	1005.28	0.53
Aroclor-1260	3	6.384	1000	1000.09	0.01
Aroclor-1260	4	6.575	1000	1017.73	1.77
Aroclor-1260	5	6.994	1000	1025.23	2.52
Aroclor-1260	6	8.238	1000	1012.61	1.26
Aroclor-1260	7	8.448	1000	1096.03	9.60
Aroclor-1260	8	9.606	1000	1087.36	8.74

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.351	100	95.97	4.03
Decachlorobiphenyl(sur	10.209	100	106.02	6.02

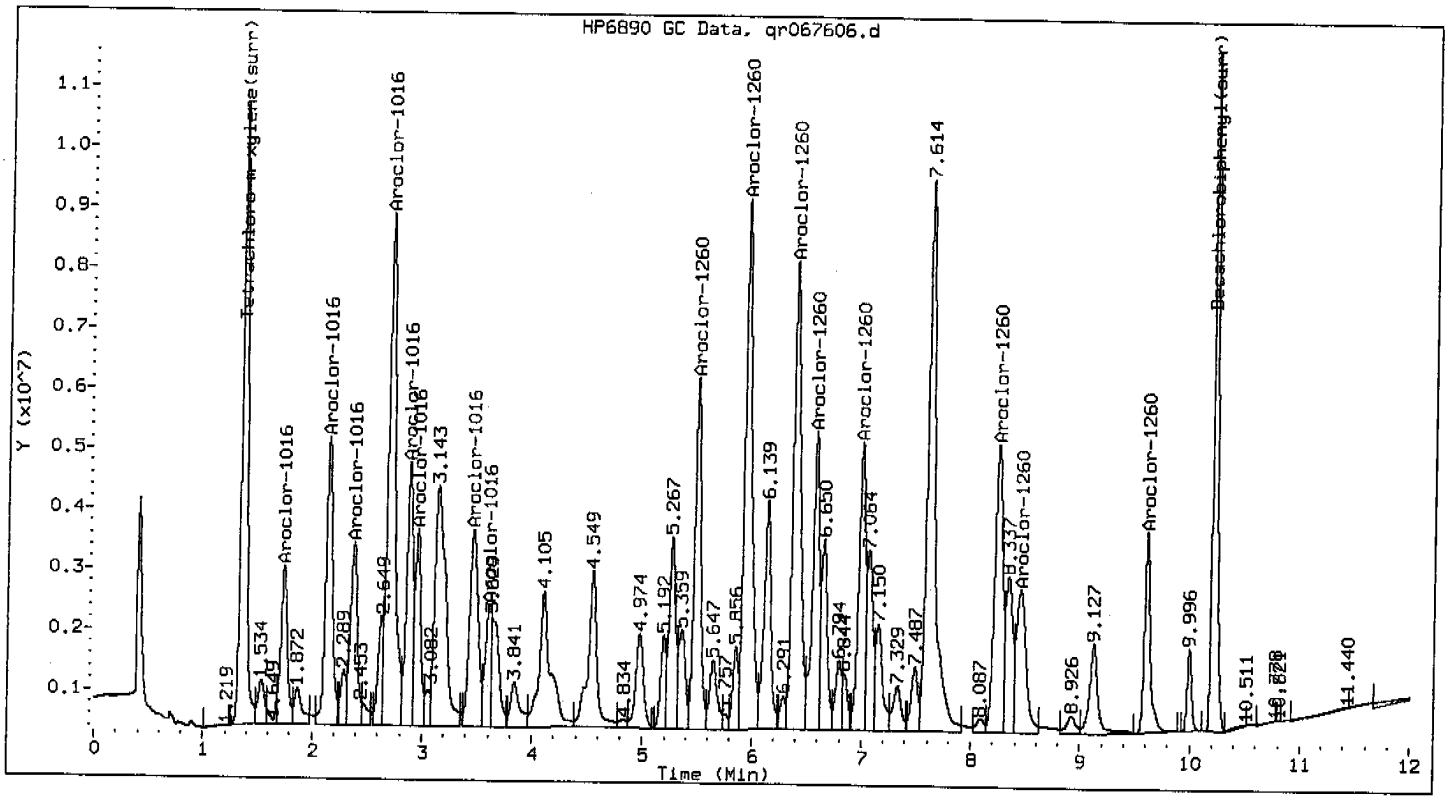
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalk.b/qr067606.d
Injection Date: 16-DEC-2007 03:23

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.739	
	2.155	(2.085 - 2.225)	2.144	
	2.384	(2.314 - 2.454)	2.376	
	2.713	(2.645 - 2.785)	2.706	
	2.888	(2.818 - 2.958)	2.881	
	2.963	(2.893 - 3.033)	2.956	
	3.465	(3.395 - 3.535)	3.459	
	3.613	(3.543 - 3.683)	3.606	
Aroclor-1260	5.495	(5.425 - 5.565)	5.492	
	5.948	(5.878 - 6.018)	5.944	
	6.387	(6.317 - 6.457)	6.384	
	6.578	(6.508 - 6.648)	6.575	
	6.998	(6.928 - 7.068)	6.994	
	8.243	(8.173 - 8.313)	8.238	
	8.453	(8.383 - 8.523)	8.448	
	9.609	(9.539 - 9.679)	9.606	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.351	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.209	



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalk.b/06Qr8082.m
Sample Info : SG1660L3_00003 K
Lab ID : SG1660L3_00003 K
Inj Date : 16-DEC-2007 03:23
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	1.739	1.739	0.000	11455879	1107.699	1107.699
(2)		2.144	2.144	0.000	20433296	1075.377	1075.377
(3)		2.376	2.376	0.000	13805950	1087.694	1087.694
(4)		2.706	2.706	0.000	40607053	1001.408	1001.408
(5)		2.881	2.881	0.000	17001349	1075.331	1075.331
(6)		2.956	2.956	0.000	12137925	1027.283	1027.283
(7)		3.459	3.459	0.000	17755094	1072.583	1072.583
(8)		3.606	3.606	0.000	7590240	948.650	948.650
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	5.492	5.492	0.000	23627160	1042.340	1042.340
(2)		5.944	5.944	0.000	40668847	1005.276	1005.276
(3)		6.384	6.384	0.000	37684960	1000.089	1000.089
(4)		6.575	6.575	0.000	20213257	1017.726	1017.726
(5)		6.994	6.994	0.000	19705744	1025.227	1025.227
(6)		8.238	8.238	0.000	23567910	1012.611	1012.611

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)		8.448	8.448	0.000	15353250	1096.028	1096.028
(8)		9.606	9.606	0.000	12351668	1087.361	1087.361
Average of peak concentrations:							1000.00
Tetrachloro-m-xylene(surr)	(M)	1.351	1.351	0.000	38374587	95.973	95.973
Decachlorobiphenyl(surr)		10.209	10.209	0.000	32492440	106.020	106.020

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalk.b/qf067606.d
Method: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalk.b/06Qf8082.m

Sample Information: SG1660L3_00003 K
Injection Date: 16-DEC-2007 03:23

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.520	1000	1129.63	12.96
Aroclor-1016	2	3.088	1000	1050.36	5.04
Aroclor-1016	3	3.461	1000	1072.18	7.22
Aroclor-1016	4	3.866	1000	1024.46	2.45
Aroclor-1016	5	4.112	1000	1075.74	7.57
Aroclor-1016	6	4.551	1000	998.85	0.12
Aroclor-1016	7	4.939	1000	990.54	0.95
Aroclor-1016	8	5.151	1000	1039.79	3.98
Aroclor-1260	1	7.128	1000	1046.61	4.66
Aroclor-1260	2	7.569	1000	1022.94	2.29
Aroclor-1260	3	8.390	1000	1097.79	9.78
Aroclor-1260	4	8.647	1000	1084.79	8.48
Aroclor-1260	5	8.791	1000	1117.73	11.77
Aroclor-1260	6	9.314	1000	1125.22	12.52
Aroclor-1260	7	10.208	1000	1141.22	14.12
Aroclor-1260	8	10.698	1000	1068.45	6.84

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.872	100	101.40	1.40
Decachlorobiphenyl(sur	11.132	100	111.07	11.07

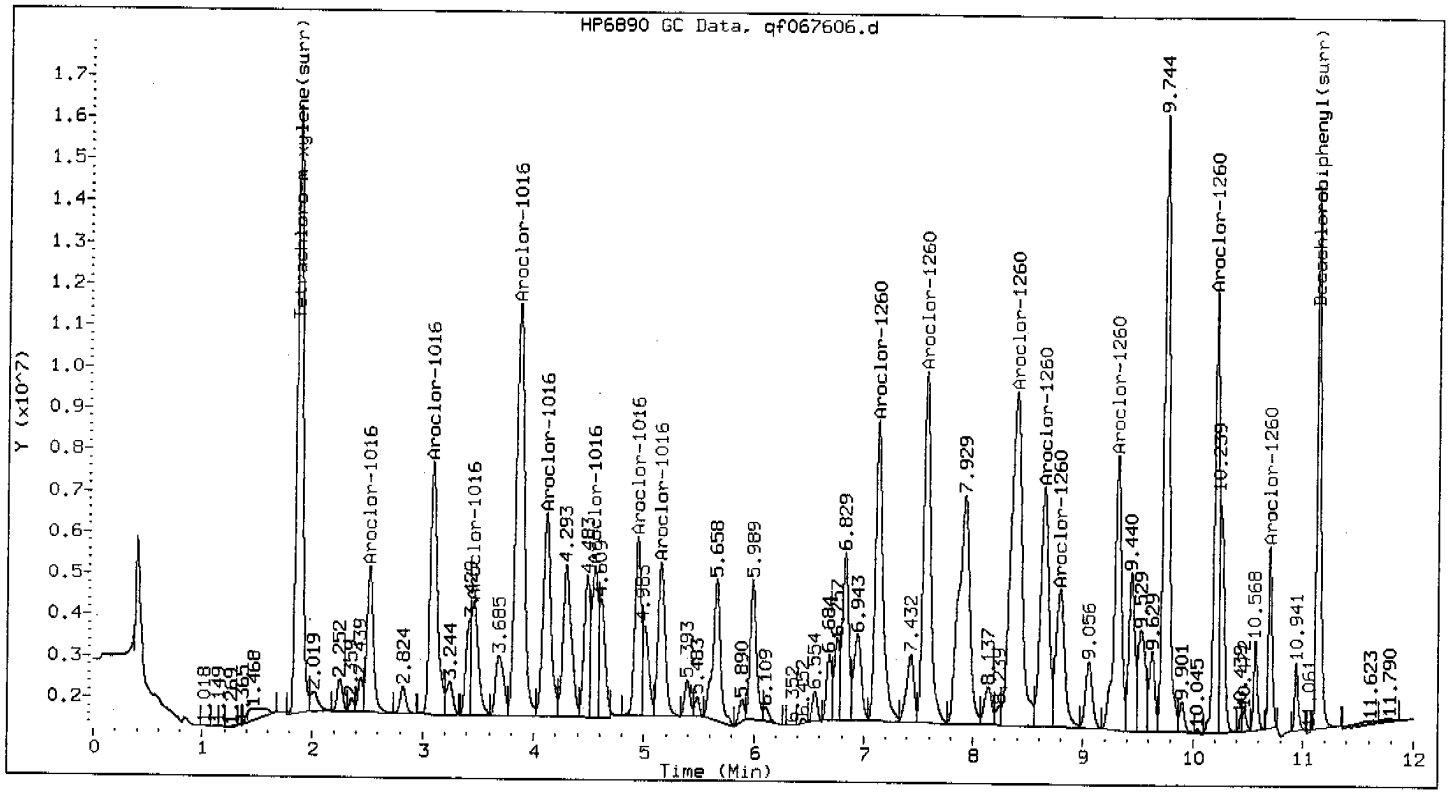
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalk.b/qf067606.d
Injection Date: 16-DEC-2007 03:23

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.517	(2.447 - 2.587)	2.520	
	3.082	(3.012 - 3.152)	3.088	
	3.454	(3.384 - 3.524)	3.461	
	3.859	(3.789 - 3.929)	3.866	
	4.104	(4.034 - 4.174)	4.112	
	4.544	(4.474 - 4.614)	4.551	
	4.933	(4.863 - 5.003)	4.939	
	5.144	(5.074 - 5.214)	5.151	
Aroclor-1260	7.124	(7.054 - 7.194)	7.128	
	7.565	(7.495 - 7.635)	7.569	
	8.387	(8.317 - 8.457)	8.390	
	8.642	(8.572 - 8.712)	8.647	
	8.789	(8.719 - 8.859)	8.791	
	9.312	(9.242 - 9.382)	9.314	
	10.211	(10.141 - 10.281)	10.208	
	10.709	(10.639 - 10.779)	10.698	
Tetrachloro-m-xylene(surr)	1.876	(1.826 - 1.926)	1.872	
Decachlorobiphenyl(surr)	11.154	(11.054 - 11.254)	11.132	



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalk.b/06Qf8082.m
Sample Info : SG1660L3_00003 K
Lab ID : SG1660L3_00003 K
Inj Date : 16-DEC-2007 03:23
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.520	2.520	0.000	14562631	1129.633	1129.633
(2)		3.088	3.088	0.000	28294896	1050.363	1050.363
(3)		3.461	3.461	0.000	12693470	1072.181	1072.181
(4)		3.866	3.866	0.000	53050836	1024.462	1024.462
(5)		4.112	4.112	0.000	24172532	1075.737	1075.737
(6)		4.551	4.551	0.000	13881843	998.847	998.847
(7)		4.939	4.939	0.000	16456063	990.535	990.535
(8)		5.151	5.151	0.000	16900631	1039.790	1039.790
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.128	7.128	0.000	34832046	1046.607	1046.607
(2)		7.569	7.569	0.000	40054016	1022.942	1022.942
(3)		8.390	8.390	0.000	57684271	1097.791	1097.791
(4)		8.647	8.647	0.000	31024760	1084.788	1084.788
(5)		8.791	8.791	0.000	18782871	1117.733	1117.733
(6)		9.314	9.314	0.000	29539227	1125.215	1125.215

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)		10.208	10.208	0.000	30763121	1141.222	1141.222
(8)		10.698	10.698	0.000	10200635	1068.446	1068.446
Average of peak concentrations:							1100.00
Tetrachloro-m-xylene(surr)	(M)	1.872	1.872	0.000	55792429	101.396	101.396
Decachlorobiphenyl(surr)	(M)	11.132	11.132	0.000	32511255	111.067	111.067

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07a.b/qr067609.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Qr8082.m

Sample Information: SG1660L3_00003 A
Injection Date: 17-DEC-2007 16:31

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.753	1000	1133.78	13.38
Aroclor-1016	2	2.154	1000	1074.51	7.45
Aroclor-1016	3	2.383	1000	1095.03	9.50
Aroclor-1016	4	2.712	1000	1038.35	3.83
Aroclor-1016	5	2.886	1000	1145.63	14.56
Aroclor-1016	6	2.962	1000	990.80	0.92
Aroclor-1016	7	3.461	1000	1103.60	10.36
Aroclor-1016	8	3.608	1000	1091.44	9.14
Aroclor-1260	1	5.490	1000	1060.18	6.02
Aroclor-1260	2	5.943	1000	1050.86	5.09
Aroclor-1260	3	6.381	1000	1057.03	5.70
Aroclor-1260	4	6.573	1000	1061.43	6.14
Aroclor-1260	5	6.991	1000	1105.99	10.60
Aroclor-1260	6	8.235	1000	1126.06	12.61
Aroclor-1260	7	8.441	1000	1124.24	12.42
Aroclor-1260	8	9.603	1000	1075.90	7.59

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.372	100	105.98	5.98
Decachlorobiphenyl(sur	10.207	100	107.49	7.49

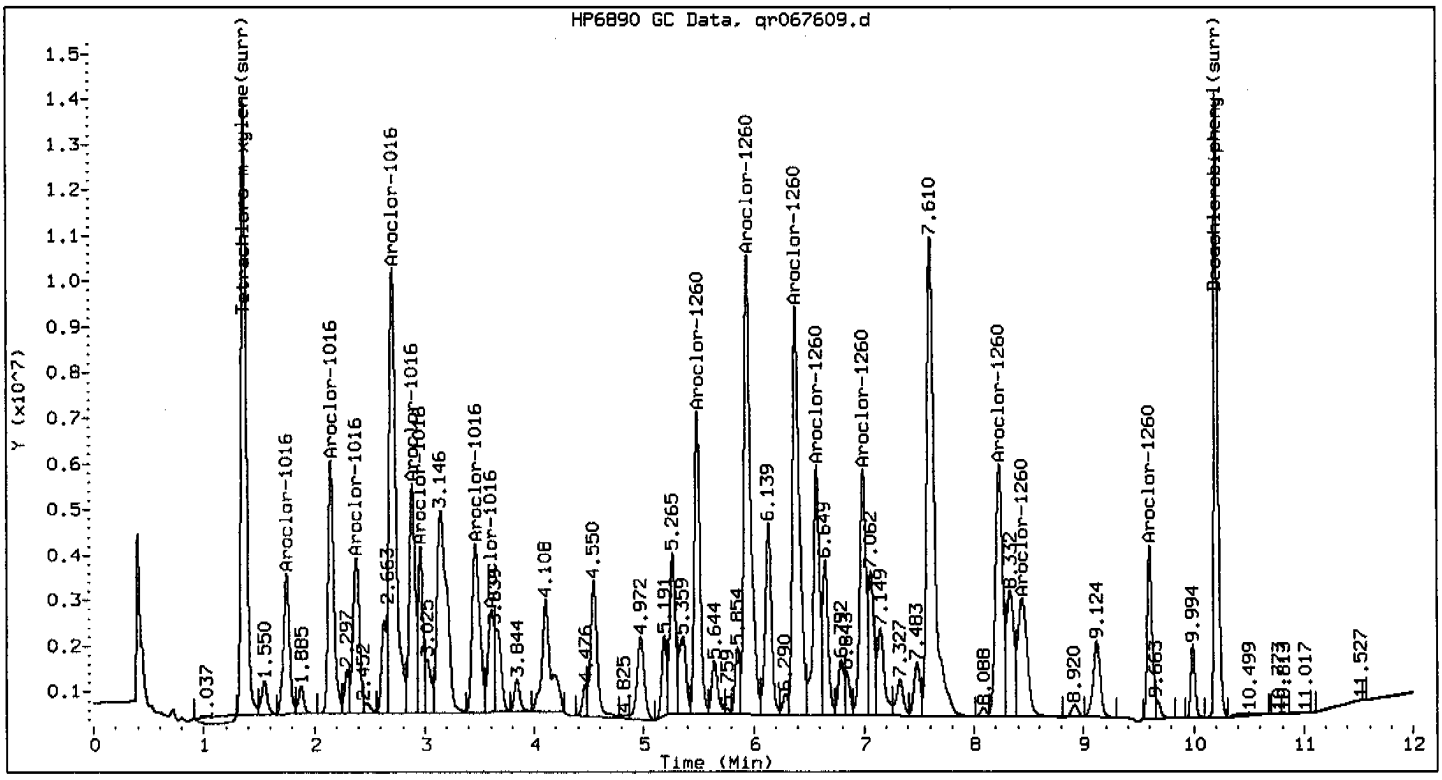
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07a.b/qr067609.d
Injection Date: 17-DEC-2007 16:31

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.753	
	2.155	(2.085 - 2.225)	2.154	
	2.384	(2.314 - 2.454)	2.383	
	2.713	(2.645 - 2.785)	2.712	
	2.888	(2.818 - 2.958)	2.886	
	2.963	(2.893 - 3.033)	2.962	
	3.465	(3.395 - 3.535)	3.461	
	3.613	(3.543 - 3.683)	3.608	
Aroclor-1260	5.495	(5.425 - 5.565)	5.490	
	5.948	(5.878 - 6.018)	5.943	
	6.387	(6.317 - 6.457)	6.381	
	6.578	(6.508 - 6.648)	6.573	
	6.998	(6.928 - 7.068)	6.991	
	8.243	(8.173 - 8.313)	8.235	
	8.453	(8.383 - 8.523)	8.441	
	9.609	(9.539 - 9.679)	9.603	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.372	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.207	



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Qr8082.m
Sample Info : SG1660L3_00003 A
Lab ID : SG1660L3_00003 A
Inj Date : 17-DEC-2007 16:31
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	1.753	1.753	0.000	11725570	1133.776	1133.776
(2)		2.154	2.154	0.000	20416782	1074.508	1074.508
(3)		2.383	2.383	0.000	13899114	1095.033	1095.033
(4)		2.712	2.712	0.000	42104940	1038.347	1038.347
(5)		2.886	2.886	0.000	18112855	1145.634	1145.634
(6)		2.962	2.962	0.000	11706865	990.801	990.801
(7)		3.461	3.461	0.000	18268605	1103.604	1103.604
(8)		3.608	3.608	0.000	8732758	1091.445	1091.445
Average of peak concentrations:							1100.00
Aroclor-1260	(M)	5.490	5.490	0.000	24031529	1060.180	1060.180
(2)		5.943	5.943	0.000	42513089	1050.863	1050.863
(3)		6.381	6.381	0.000	39830522	1057.029	1057.029
(4)		6.573	6.573	0.000	21081223	1061.427	1061.427
(5)		6.991	6.991	0.000	21258131	1105.993	1105.993
(6)		8.235	8.235	0.000	26208448	1126.064	1126.064

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	8.441	8.441	0.000	15748415	1124.237	1124.237
(8)	9.603	9.603	0.000	12221525	1075.904	1075.904
Average of peak concentrations:						1100.00
Tetrachloro-m-xylene(surr)	1.372	1.372	0.000	42377122	105.983	105.983
Decachlorobiphenyl(surr)	10.207	10.207	0.000	32944019	107.494	107.494

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07a.b/qf067609.d
Method: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07a.b/06Qf8082.m

Sample Information: SG1660L3_00003 A
Injection Date: 17-DEC-2007 16:31

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.518	1000	1087.88	8.79
Aroclor-1016	2	3.083	1000	1021.22	2.12
Aroclor-1016	3	3.454	1000	1072.31	7.23
Aroclor-1016	4	3.858	1000	1009.82	0.98
Aroclor-1016	5	4.104	1000	1042.85	4.29
Aroclor-1016	6	4.543	1000	954.18	4.58
Aroclor-1016	7	4.930	1000	948.45	5.15
Aroclor-1016	8	5.142	1000	1020.47	2.05
Aroclor-1260	1	7.120	1000	1057.18	5.72
Aroclor-1260	2	7.560	1000	1039.52	3.95
Aroclor-1260	3	8.382	1000	1111.02	11.10
Aroclor-1260	4	8.636	1000	1103.21	10.32
Aroclor-1260	5	8.781	1000	1123.71	12.37
Aroclor-1260	6	9.308	1000	1064.82	6.48
Aroclor-1260	7	10.204	1000	1103.09	10.31
Aroclor-1260	8	10.695	1000	894.69	10.53

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.876	100	105.83	5.83
Decachlorobiphenyl(sur	11.132	100	89.17	10.83

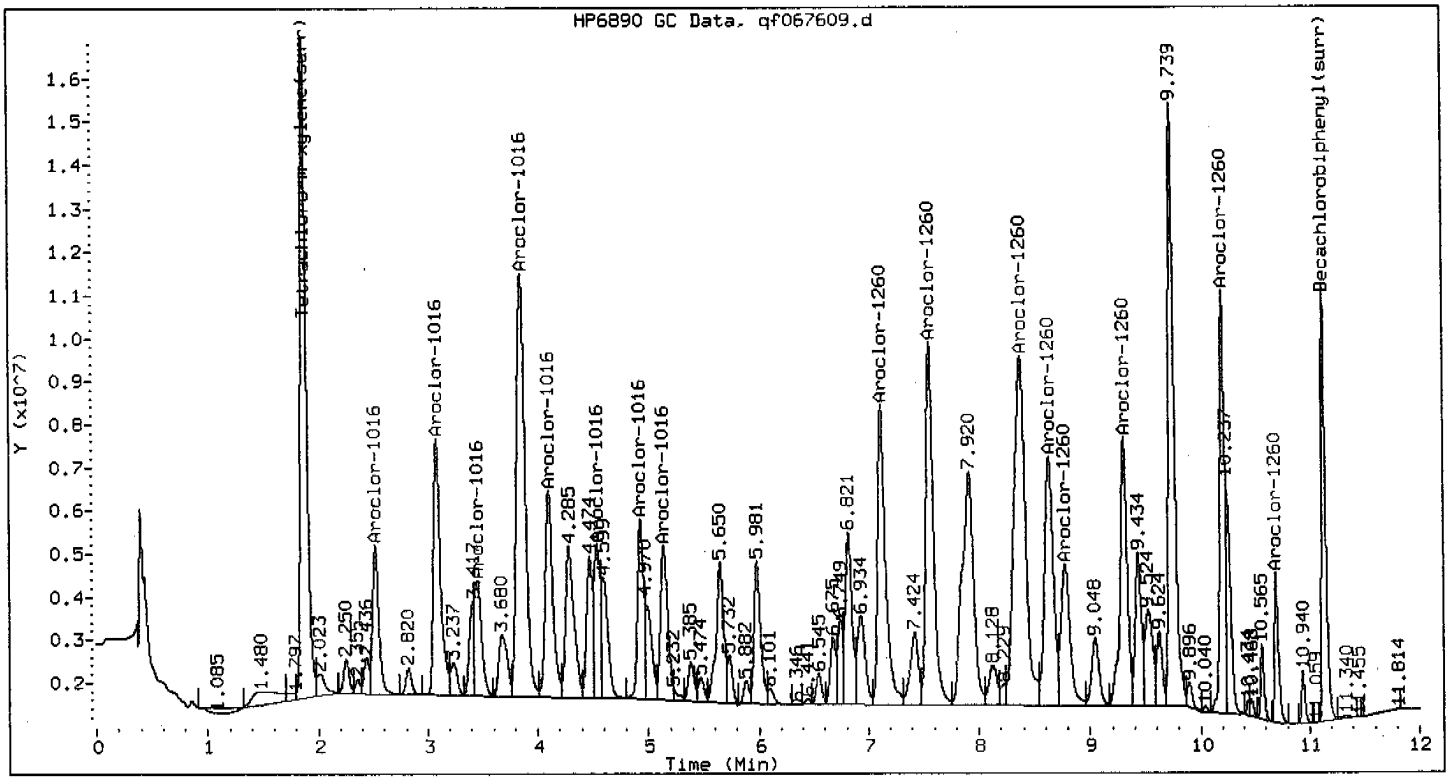
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07a.b/qf067609.d
Injection Date: 17-DEC-2007 16:31

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.517	(2.447 - 2.587)	2.518	
	3.082	(3.012 - 3.152)	3.083	
	3.454	(3.384 - 3.524)	3.454	
	3.859	(3.789 - 3.929)	3.858	
	4.104	(4.034 - 4.174)	4.104	
	4.544	(4.474 - 4.614)	4.543	
	4.933	(4.863 - 5.003)	4.930	
	5.144	(5.074 - 5.214)	5.142	
Aroclor-1260	7.124	(7.054 - 7.194)	7.120	
	7.565	(7.495 - 7.635)	7.560	
	8.387	(8.317 - 8.457)	8.382	
	8.642	(8.572 - 8.712)	8.636	
	8.789	(8.719 - 8.859)	8.781	
	9.312	(9.242 - 9.382)	9.308	
	10.211	(10.141 - 10.281)	10.204	
	10.709	(10.639 - 10.779)	10.695	
Tetrachloro-m-xylene(surr)	1.876	(1.826 - 1.926)	1.876	
Decachlorobiphenyl(surr)	11.154	(11.054 - 11.254)	11.132	



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07a.b/06Qf8082.m
Sample Info : SG1660L3_00003 A
Lab ID : SG1660L3_00003 A
Inj Date : 17-DEC-2007 16:31
Operator : 615
Cpnd Sublist: AR16600S

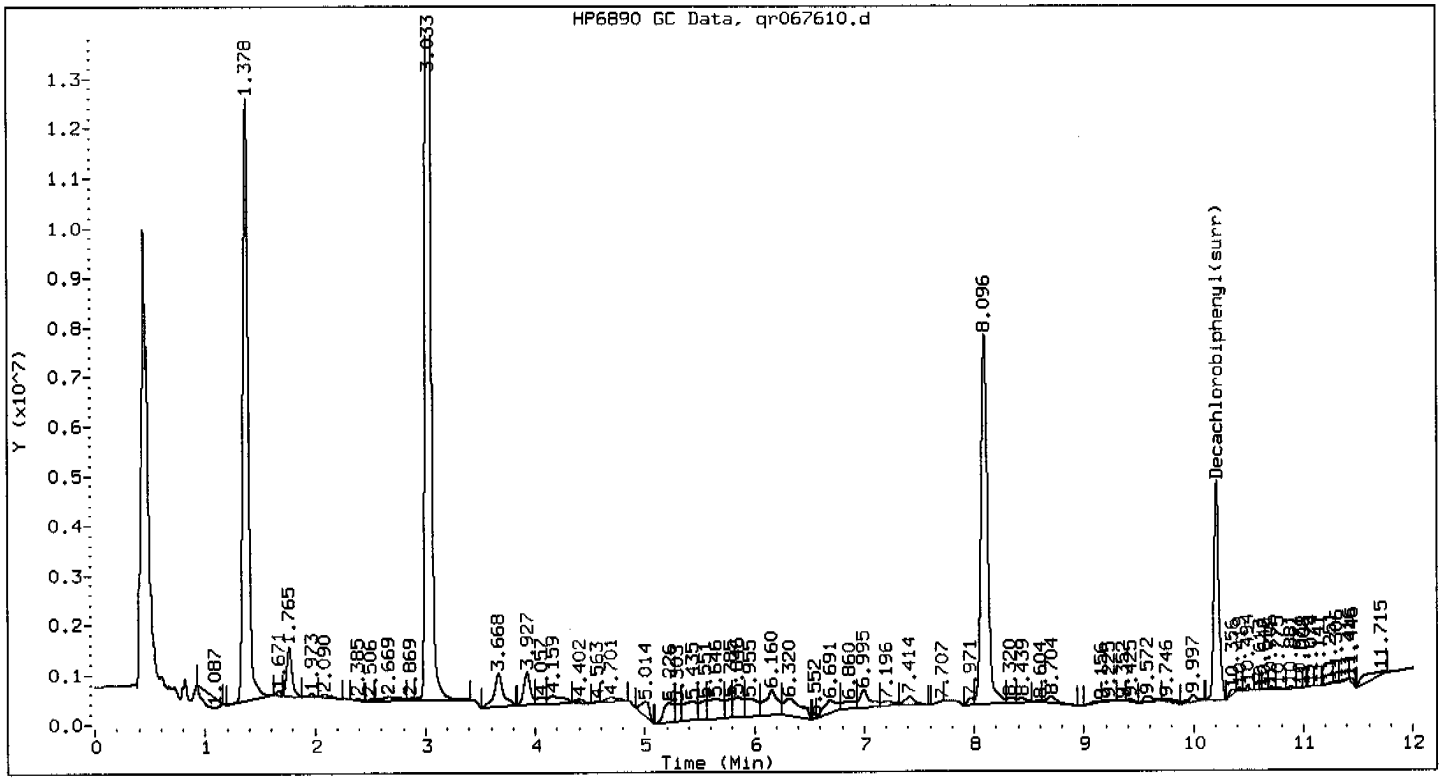
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

12/19/07

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.518	2.518	0.000	14024391	1087.882	1087.882
(2)		3.083	3.083	0.000	27509896	1021.223	1021.223
(3)		3.454	3.454	0.000	12695001	1072.310	1072.310
(4)		3.858	3.858	0.000	52292754	1009.823	1009.823
(5)		4.104	4.104	0.000	23433593	1042.852	1042.852
(6)		4.543	4.543	0.000	13261069	954.180	954.180
(7)		4.930	4.930	0.000	15756892	948.450	948.450
(8)		5.142	5.142	0.000	16586565	1020.468	1020.468
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.120	7.120	0.000	35183987	1057.182	1057.182
(2)		7.560	7.560	0.000	40703277	1039.524	1039.524
(3)		8.382	8.382	0.000	58379286	1111.018	1111.018
(4)		8.636	8.636	0.000	31551627	1103.210	1103.210
(5)		8.781	8.781	0.000	18883265	1123.707	1123.707
(6)		9.308	9.308	0.000	27953660	1064.818	1064.818

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.204	10.204	0.000	29735210	1103.089	1103.089
(8)	10.695	10.695	0.000	8541776	894.692	894.692
Average of peak concentrations:						1100.00
Tetrachloro-m-xylene(surr)	1.876	1.876	0.000	58234870	105.835	105.835
Decachlorobiphenyl(surr)	11.132	11.132	0.000	26103079	89.175	89.175

COMMENTS:
M - Compound response manually integrated.



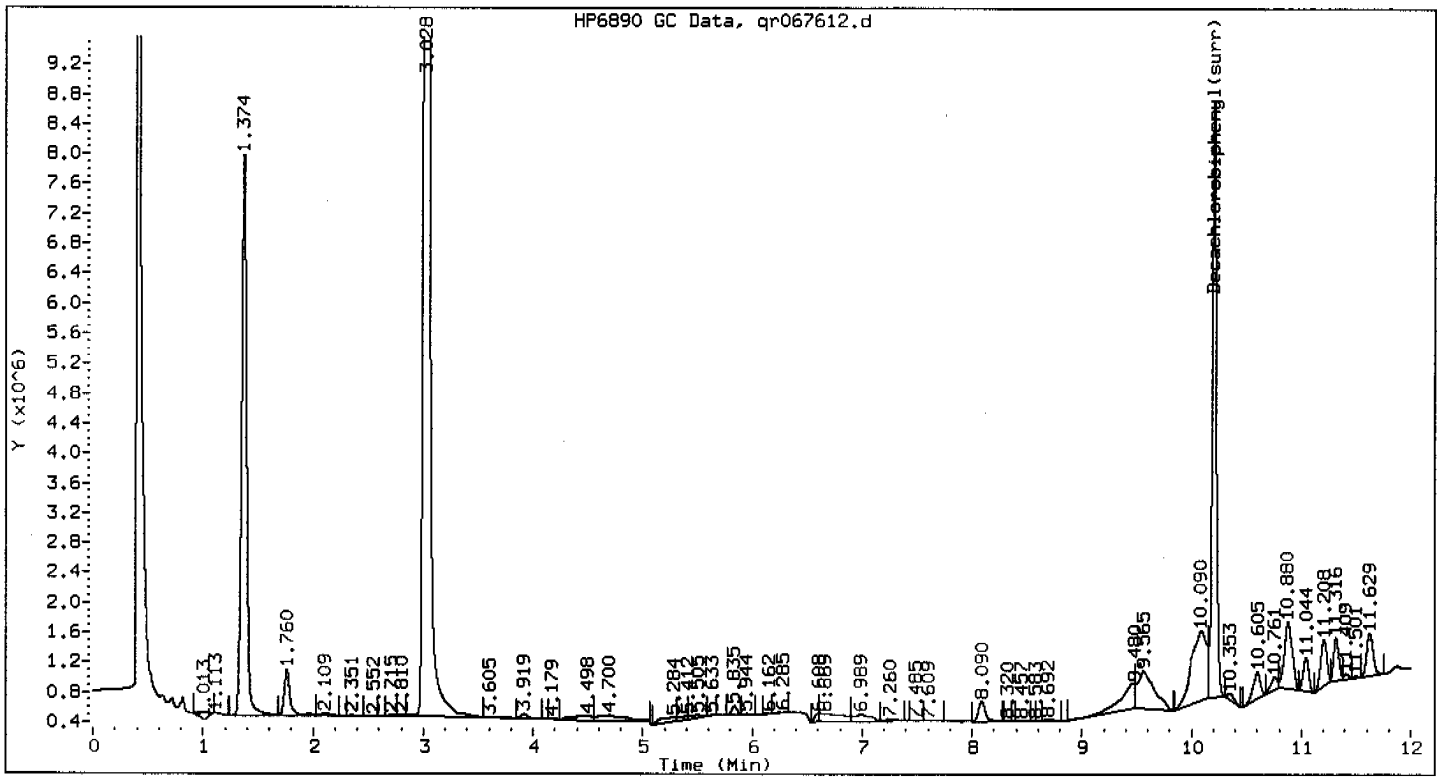
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Qr8082.m
Sample Info : 884050;4040038
Lab ID : 884050
Inj Date : 17-DEC-2007 18:15
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
Decachlorobiphenyl(surr)	(M)	10.211	10.207	0.004	13850618	45.193	0.226

COMMENTS:

M - Compound response manually integrated.

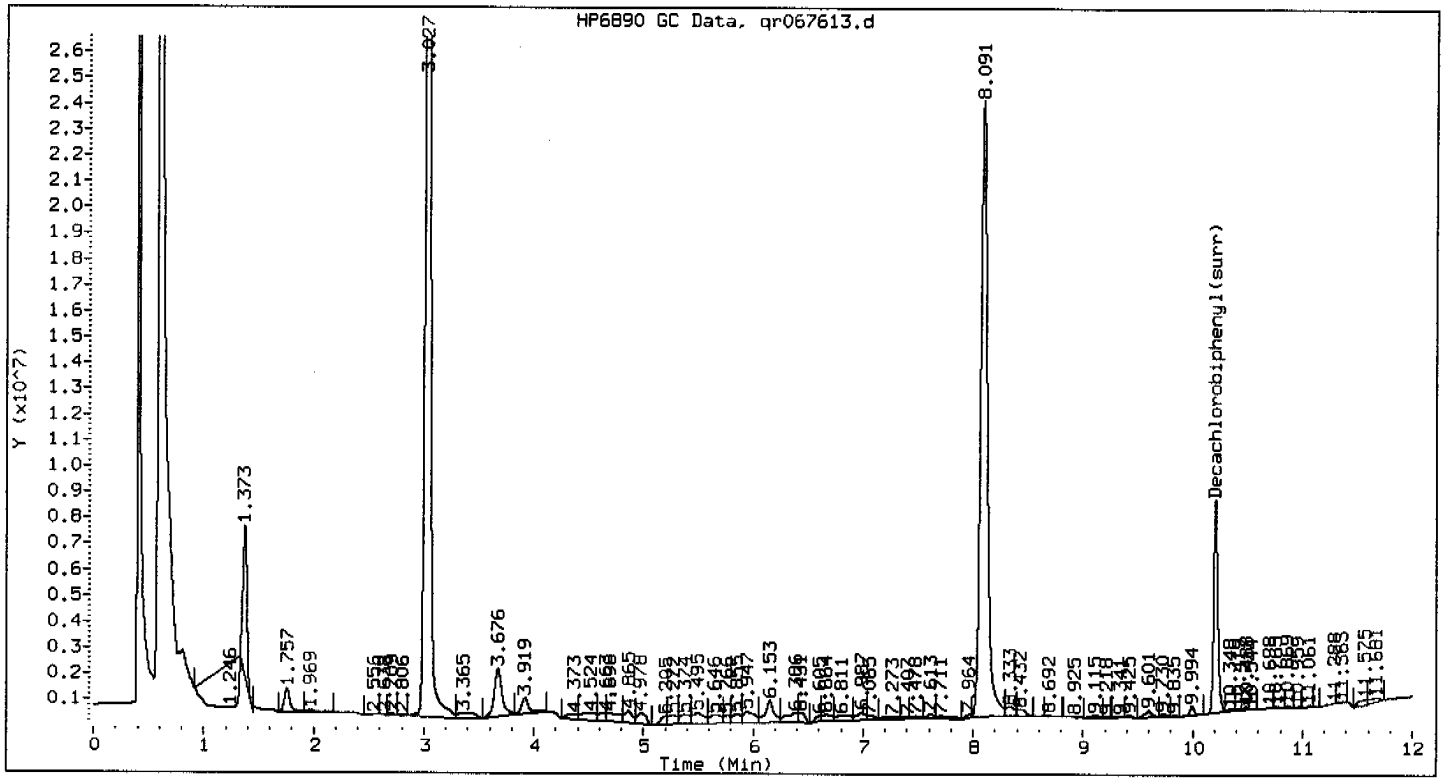


Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Qr8082.m
Sample Info : 884057;4040057
Lab ID : 884057
Inj Date : 17-DEC-2007 18:46
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

12/21/7

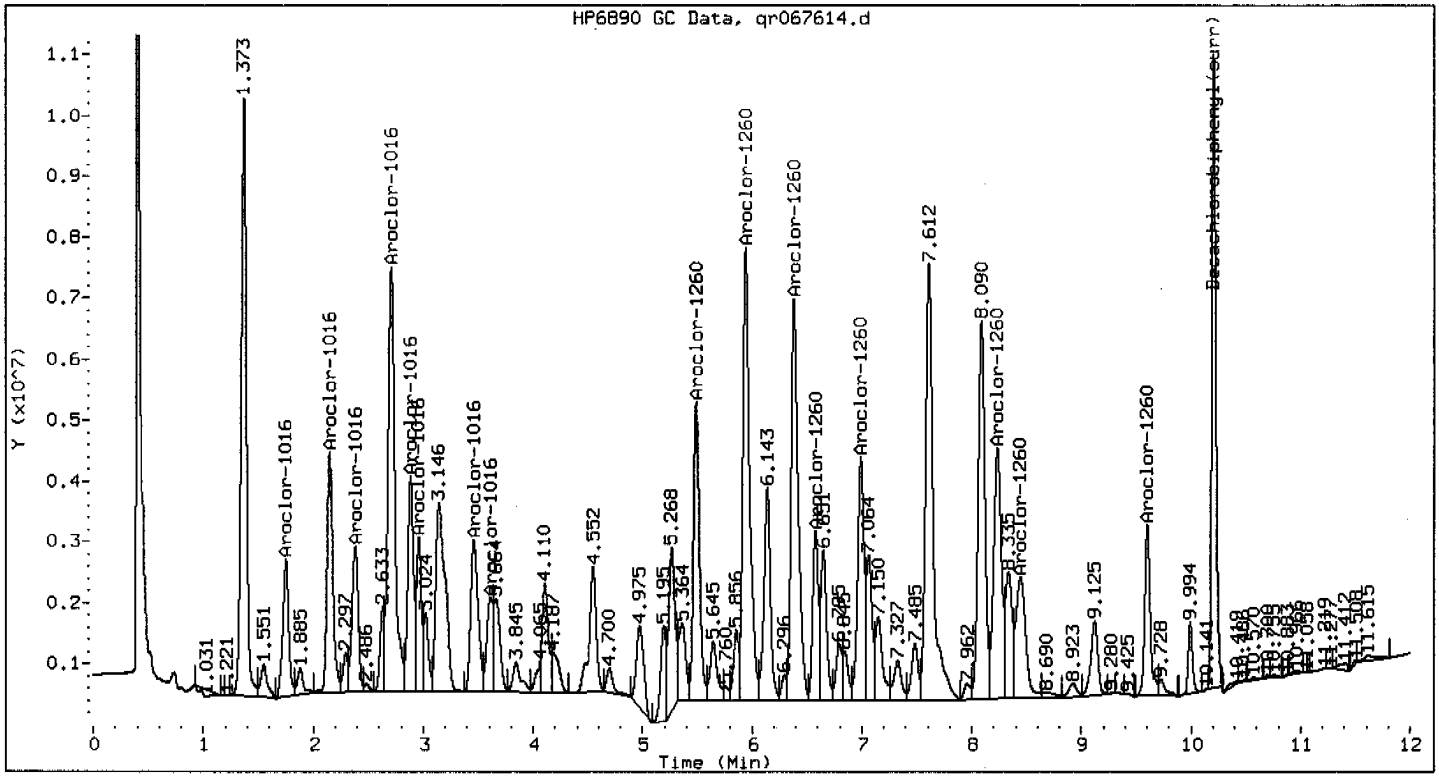
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.208	10.207	0.001	19982870	65.203	72.327



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Qr8082.m
Sample Info : 884063;4040075
Lab ID : 884063
Inj Date : 17-DEC-2007 19:03
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.208	10.207	0.001	21115963	68.900	86.666



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Qr8082.m
Sample Info : 6362bs;bs62059
Lab ID : 6362BS
Inj Date : 17-DEC-2007 19:19
Operator : 615
Cpnd Sublist: PCB8082+

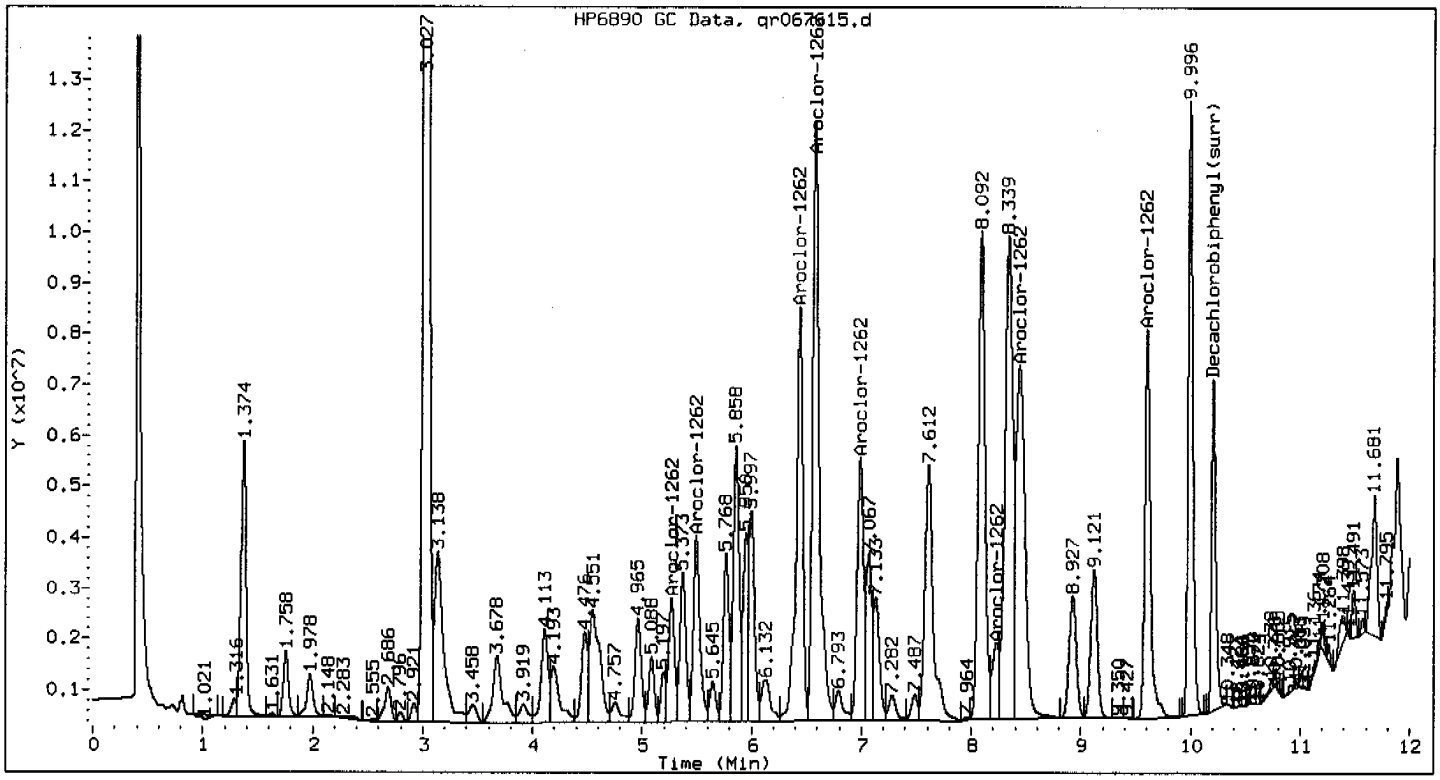
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	1.753	1.753	0.000	8359411	808.293	538.862
(2)		2.154	2.154	0.000	14580484	767.352	511.568
(3)		2.384	2.383	0.001	9513985	749.554	499.702
(4)		2.711	2.712	0.001	30839120	760.522	507.014
(5)		2.886	2.886	0.000	12742230	805.943	537.295
(6)		2.962	2.962	0.000	8000035	677.076	451.384
(7)		3.461	3.461	0.000	11801097	712.903	475.268
(8)		3.613	3.608	0.005	6163211	770.296	513.530
Average of peak concentrations:							500.00
Aroclor-1260		5.493	5.490	0.003	18830627	830.736	553.824
(2)		5.945	5.943	0.002	32308533	798.621	532.414
(3)		6.384	6.381	0.003	29973983	795.454	530.303
(4)		6.580	6.573	0.008	9735375	490.170	326.780
(5)		6.993	6.991	0.002	16303796	848.235	565.490
(6)		8.235	8.235	0.000	20186743	867.337	578.225

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)		8.445	8.441	0.003	12093214	863.302	575.535
(8)		9.603	9.603	0.000	9745187	857.903	571.935
Average of peak concentrations:							530.00
Decachlorobiphenyl(surr)	(M)	10.207	10.207	0.000	26047183	84.990	56.660

COMMENTS:

M - Compound response manually integrated.

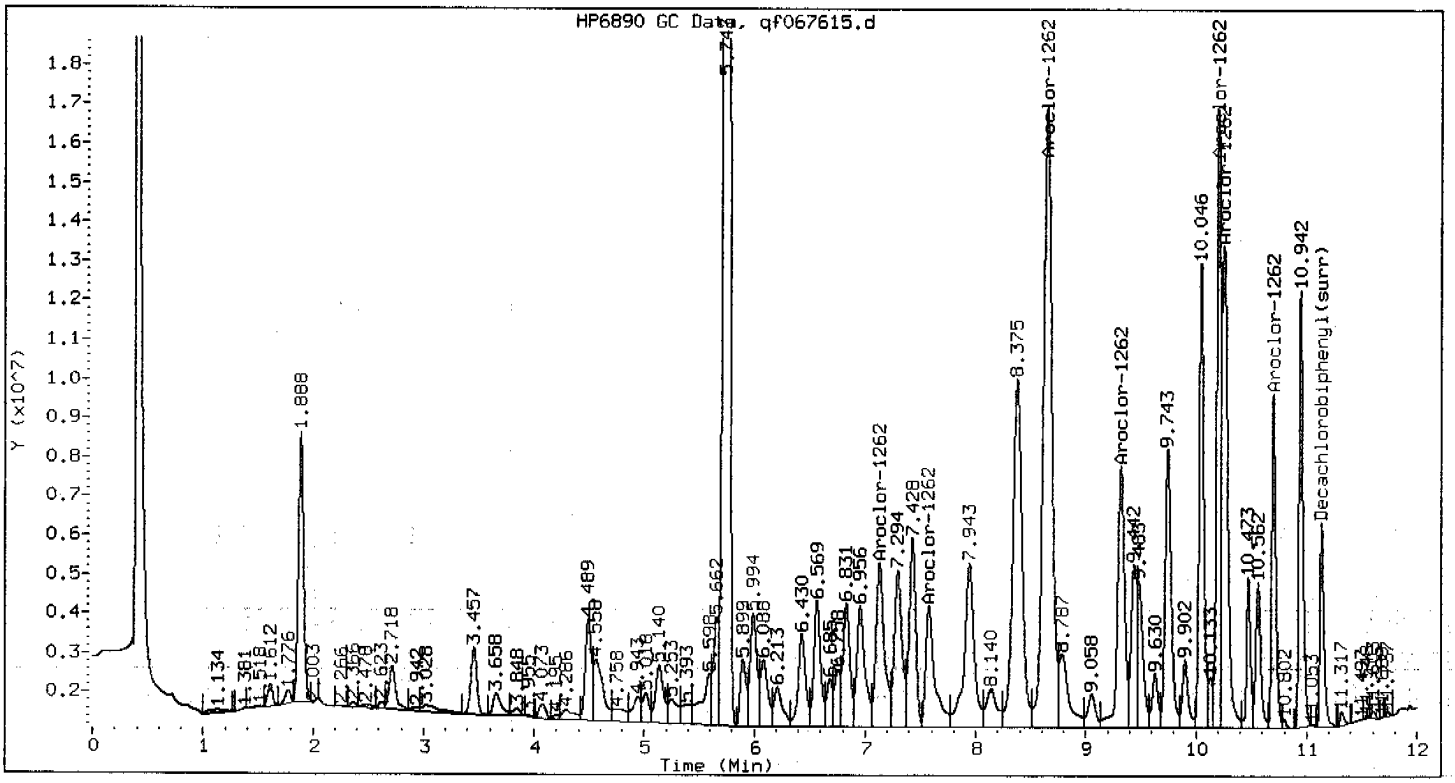


Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Qr8082.m
Sample Info : 884078;4040120
Lab ID : 884078
Inj Date : 17-DEC-2007 19:36
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

12/21/07

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	5.271	5.277	0.006	9324543	665.661	796.722
(2)	5.495	5.500	0.005	15313557	801.657	959.494
(3)	6.439	6.392	0.048	34385981	1482.569	1774.470
(4)	6.580	6.583	0.003	50409170	1601.654	1917.001
(5)	6.989	7.003	0.014	20581543	765.079	915.714
(6)	8.231	8.249	0.018	6230999	325.792	389.937
(7)	8.440	8.457	0.017	40438320	1353.065	1619.468
(8)	9.605	9.612	0.007	27379949	1282.602	1535.131
Average of peak concentrations:						1200.00
Decachlorobiphenyl(surr)	10.208	10.207	0.001	17402760	56.784	67.964



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07a.b/06Qf8082.m
Sample Info : 884078;4040120
Lab ID : 884078
Inj Date : 17-DEC-2007 19:36
Operator : 615
Cpnd Sublist: PCB8082+

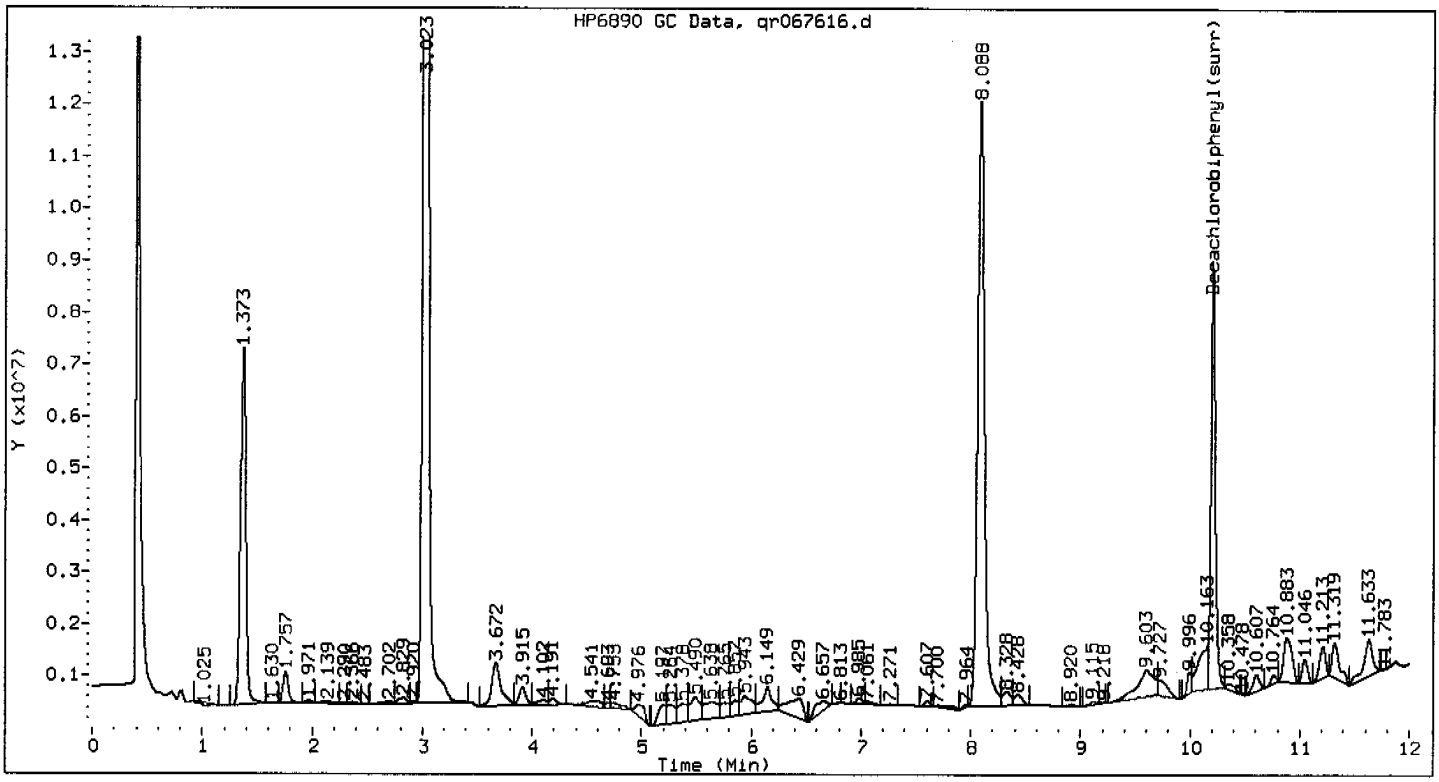
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

12/21/7

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	7.128	7.136	0.007	21712361	793.299	949.490
(2)	7.575	7.578	0.003	17659139	538.831	644.921
(3)	8.647	8.657	0.010	89252922	1797.239	2151.094
(4)	9.321	9.323	0.002	29711060	842.711	1008.631
(5)	10.203	10.213	0.009	40643285	1124.310	1345.673
(6)	10.251	10.261	0.010	43880357	1521.613	1821.201
(7)	10.697	10.709	0.012	21596031	1297.540	1553.010
(8)	------	10.957	------	------	------	------ (*)
Average of peak concentrations:						1400.00
Decachlorobiphenyl(surr)	11.133	11.132	0.001	13189988	45.060	53.932

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



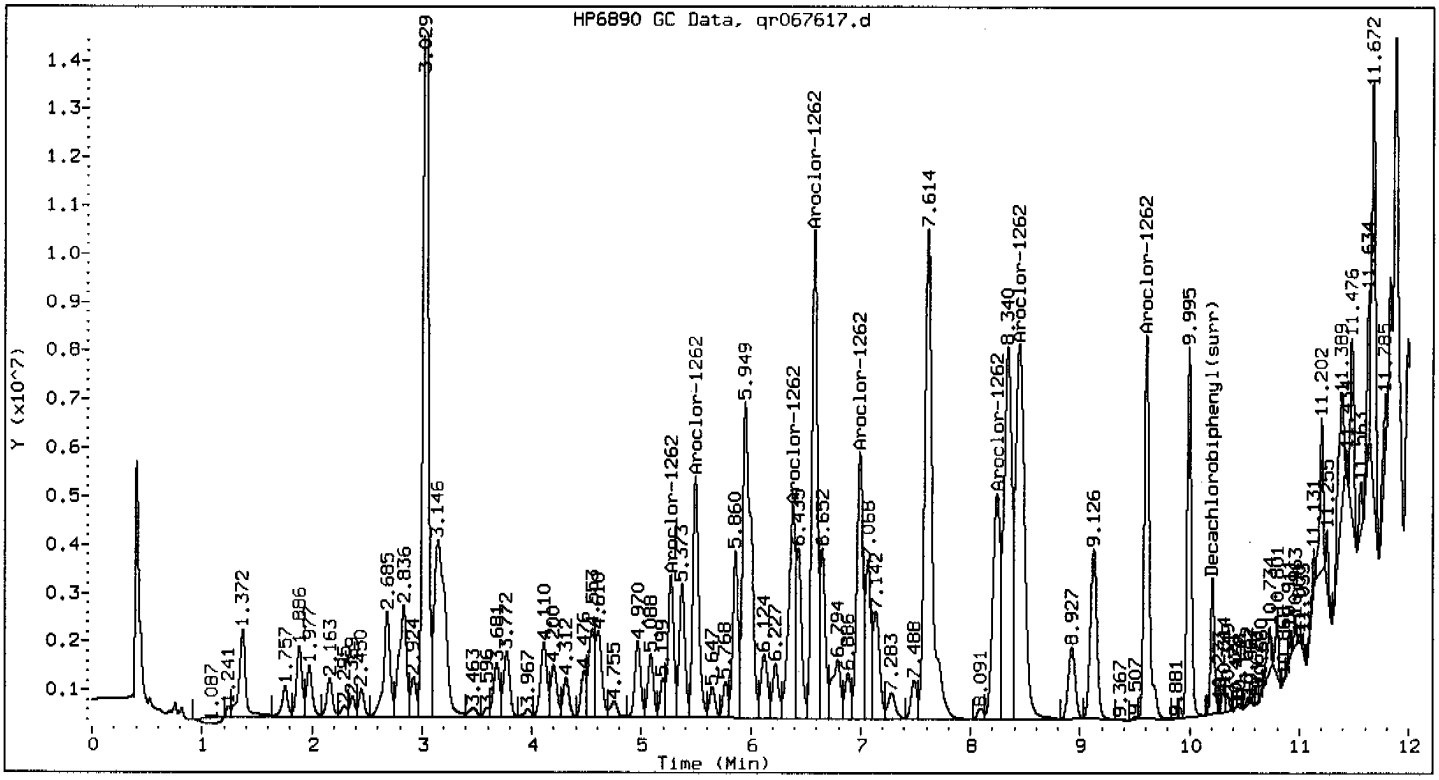
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Qr8082.m
Sample Info : 884080;4040126
Lab ID : 884080
Inj Date : 17-DEC-2007 19:51
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	(M)	10.206	10.207	0.001	22655000	73.921	100.779

COMMENTS:

M - Compound response manually integrated.



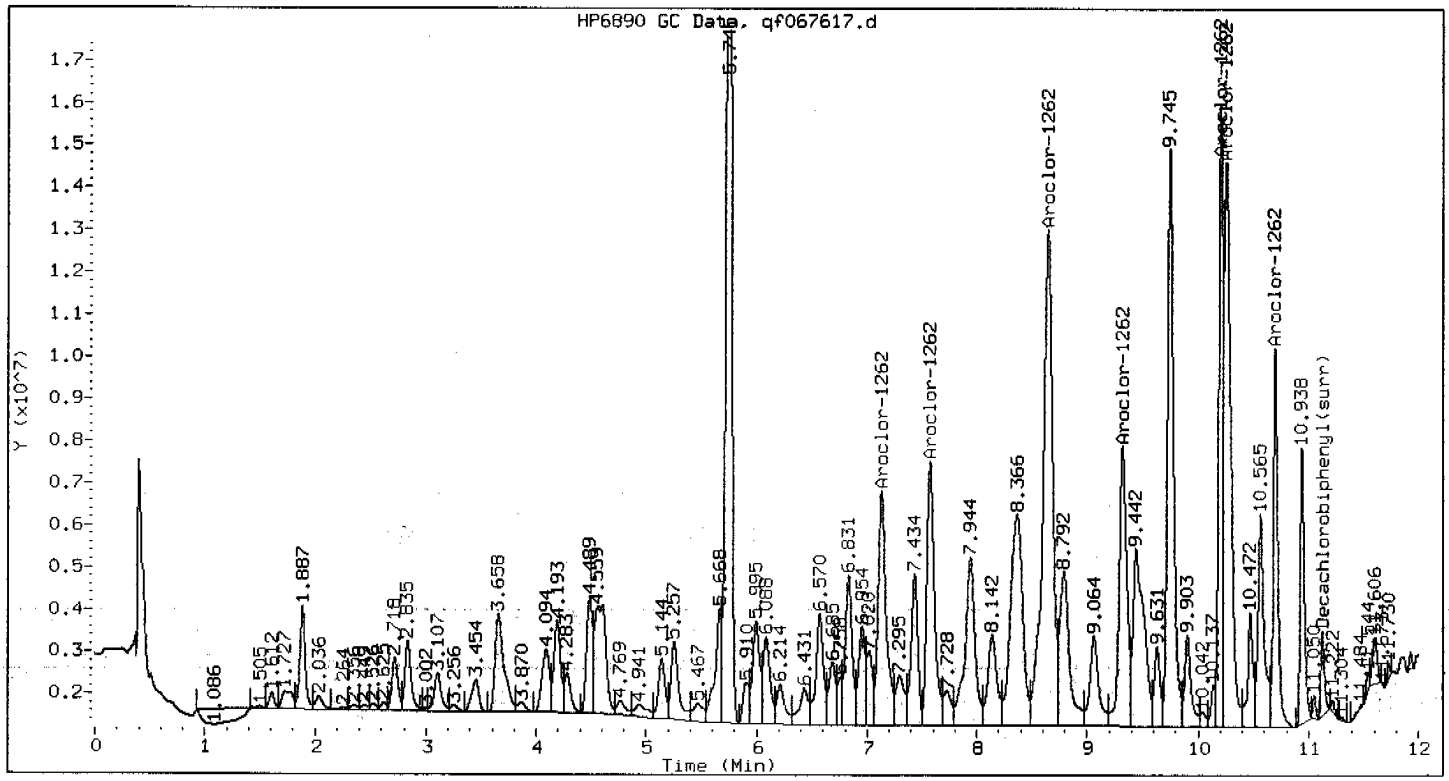
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Qr8082.m
Sample Info : 884068;4040090
Lab ID : 884068
Inj Date : 17-DEC-2007 20:07
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262		5.271	5.277	0.005	10837290	773.653	3420.218
(2)		5.495	5.500	0.005	19146516	1002.310	4431.080
(3)		6.383	6.392	0.009	18699914	806.256	3564.352
(4)		6.580	6.583	0.003	35263703	1120.436	4953.299
(5)		6.994	7.003	0.010	21204932	788.253	3484.760
(6)		8.243	8.249	0.006	22124120	1156.776	5113.951
(7)		8.444	8.457	0.013	45770180	1531.469	6770.422
(8)		9.605	9.612	0.007	26110818	1223.150	5407.382
Average of peak concentrations:							4600.00
Decachlorobiphenyl(surr)	(M)	10.208	10.207	0.001	6470081	21.111	93.331

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07a.b/06Qf8082.m
Sample Info : 884068;4040090
Lab ID : 884068
Inj Date : 17-DEC-2007 20:07
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: SAMPLE

12/21/7

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	(M)	7.130	7.136	0.006	28801158	1052.300	4652.080
(2)		7.573	7.578	0.005	30625275	934.466	4131.148
(3)		8.648	8.657	0.009	74271871	1495.574	6611.731
(4)		9.319	9.323	0.004	31964624	906.630	4008.090
(5)		10.205	10.213	0.008	37796139	1045.550	4622.237
(6)		10.255	10.261	0.006	56718310	1966.788	8694.905
(7)		10.695	10.709	0.015	24973412	1500.461	6633.338
(8)		------	10.957	------	------	------	------ (*)
Average of peak concentrations:							5600.00
Decachlorobiphenyl(surr)		11.127	11.132	0.005	4373408	14.941	66.051

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07b.b/qr067631.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07b.b/06Qr8082.m

Sample Information: SG1660L3_00003 B
Injection Date: 18-DEC-2007 01:39

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.756	1000	1141.40	14.14
Aroclor-1016	2	2.157	1000	1076.72	7.67
Aroclor-1016	3	2.387	1000	1085.20	8.52
Aroclor-1016	4	2.715	1000	1022.67	2.27
Aroclor-1016	5	2.889	1000	1107.61	10.76
Aroclor-1016	6	2.965	1000	958.33	4.17
Aroclor-1016	7	3.468	1000	1108.19	10.82
Aroclor-1016	8	3.615	1000	942.59	5.74
Aroclor-1260	1	5.496	1000	1121.79	12.18
Aroclor-1260	2	5.948	1000	1101.55	10.15
Aroclor-1260	3	6.388	1000	1107.11	10.71
Aroclor-1260	4	6.578	1000	1108.67	10.87
Aroclor-1260	5	6.998	1000	1140.03	14.00
Aroclor-1260	6	8.242	1000	1136.61	13.66
Aroclor-1260	7	8.450	1000	1122.49	12.25
Aroclor-1260	8	9.608	1000	1105.52	10.55

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.376	100	105.91	5.91
Decachlorobiphenyl(sur	10.210	100	110.23	10.23

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07b.b/qr067631.d
Injection Date: 18-DEC-2007 01:39

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.756	
	2.155	(2.085 - 2.225)	2.157	
	2.384	(2.314 - 2.454)	2.387	
	2.713	(2.645 - 2.785)	2.715	
	2.888	(2.818 - 2.958)	2.889	
	2.963	(2.893 - 3.033)	2.965	
	3.465	(3.395 - 3.535)	3.468	
	3.613	(3.543 - 3.683)	3.615	
Aroclor-1260	5.495	(5.425 - 5.565)	5.496	
	5.948	(5.878 - 6.018)	5.948	
	6.387	(6.317 - 6.457)	6.388	
	6.578	(6.508 - 6.648)	6.578	
	6.998	(6.928 - 7.068)	6.998	
	8.243	(8.173 - 8.313)	8.242	
	8.453	(8.383 - 8.523)	8.450	
	9.609	(9.539 - 9.679)	9.608	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.376	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.210	

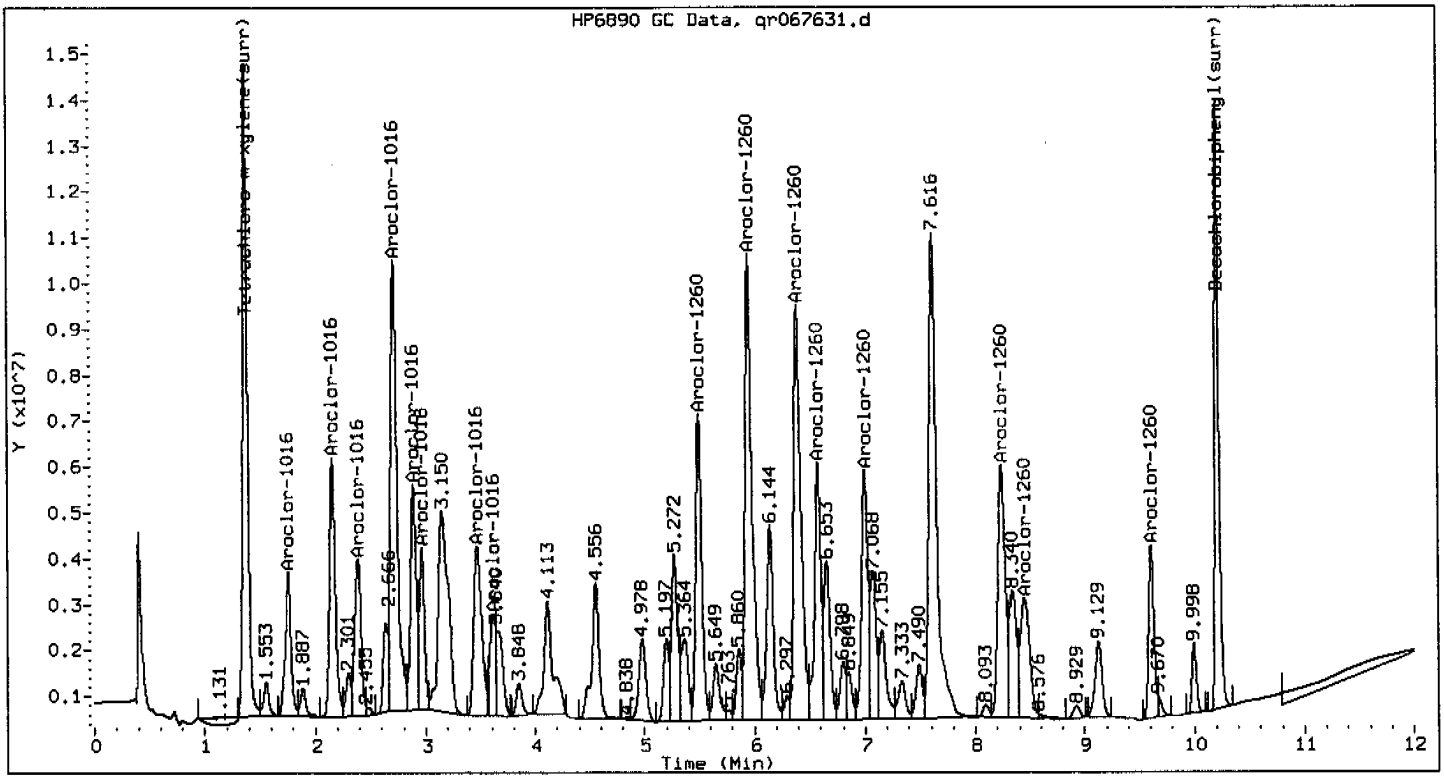
MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07b.b/qr067631.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07b.b/06Qr8082.m

Sample Information: SG1660L3_00003 B
Injection Date: 18-DEC-2007 01:39

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.756	1000	1141.40	14.14
Aroclor-1016	2	2.157	1000	1076.72	7.67
Aroclor-1016	3	2.387	1000	1085.20	8.52
Aroclor-1016	4	2.715	1000	1022.67	2.27
Aroclor-1016	5	2.889	1000	1107.61	10.76
Aroclor-1016	6	2.965	1000	958.33	4.17
Aroclor-1016	7	3.468	1000	1108.19	10.82
Aroclor-1016	8	3.615	1000	942.59	5.74
Aroclor-1260	1	5.496	1000	1121.79	12.18
Aroclor-1260	2	5.948	1000	1101.55	10.15
Aroclor-1260	3	6.388	1000	1107.11	10.71
Aroclor-1260	4	6.578	1000	1108.67	10.87
Aroclor-1260	5	6.998	1000	1140.03	14.00
Aroclor-1260	6	8.242	1000	1136.61	13.66
Aroclor-1260	7	8.450	1000	1122.49	12.25
Aroclor-1260	8	9.608	1000	1105.52	10.55

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.376	100	105.91	5.91
Decachlorobiphenyl(sur	10.210	100	110.23	10.23



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07b.b/06Qr8082.m
Sample Info : SG1660L3_00003 B
Lab ID : SG1660L3_00003 B
Inj Date : 18-DEC-2007 01:39
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	1.756	1.756	0.000	11804381	1141.396	1141.396
(2)		2.157	2.157	0.000	20458902	1076.725	1076.725
(3)		2.387	2.387	0.000	13774309	1085.201	1085.201
(4)		2.715	2.715	0.000	41469123	1022.667	1022.667
(5)		2.889	2.889	0.000	17511645	1107.607	1107.607
(6)		2.965	2.965	0.000	11323265	958.335	958.335
(7)		3.468	3.468	0.000	18344546	1108.191	1108.191
(8)		3.615	3.615	0.000	7541794	942.595	942.595
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	5.496	5.496	0.000	25428108	1121.791	1121.791
(2)		5.948	5.948	0.000	44563549	1101.547	1101.547
(3)		6.388	6.388	0.000	41717680	1107.110	1107.110
(4)		6.578	6.578	0.000	22019611	1108.675	1108.675
(5)		6.998	6.998	0.000	21912419	1140.034	1140.034
(6)		8.242	8.242	0.000	26453920	1136.611	1136.611

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)		8.450	8.450	0.000	15723939	1122.490	1122.490
(8)		9.608	9.608	0.000	12557961	1105.521	1105.521
Average of peak concentrations:							1100.00
Tetrachloro-m-xylene(surr)	(M)	1.376	1.376	0.000	42349456	105.914	105.914
Decachlorobiphenyl(surr)		10.210	10.210	0.000	33783788	110.234	110.234

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07b.b/qf067631.d
Method: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07b.b/06Qf8082.m

Sample Information: SG1660L3_00003 B
Injection Date: 18-DEC-2007 01:39

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.532	1000	1035.06	3.51
Aroclor-1016	2	3.098	1000	1027.39	2.74
Aroclor-1016	3	3.473	1000	1135.02	13.50
Aroclor-1016	4	3.875	1000	1007.28	0.73
Aroclor-1016	5	4.120	1000	1037.72	3.77
Aroclor-1016	6	4.558	1000	1003.77	0.38
Aroclor-1016	7	4.946	1000	946.79	5.32
Aroclor-1016	8	5.156	1000	1015.68	1.57
Aroclor-1260	1	7.132	1000	1068.08	6.81
Aroclor-1260	2	7.573	1000	1045.19	4.52
Aroclor-1260	3	8.395	1000	1108.83	10.88
Aroclor-1260	4	8.650	1000	1090.84	9.08
Aroclor-1260	5	8.796	1000	1080.04	8.00
Aroclor-1260	6	9.316	1000	1046.56	4.66
Aroclor-1260	7	10.208	1000	1080.02	8.00
Aroclor-1260	8	10.698	1000	1069.23	6.92

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.890	100	109.71	9.71
Decachlorobiphenyl(sur	11.132	100	103.15	3.15

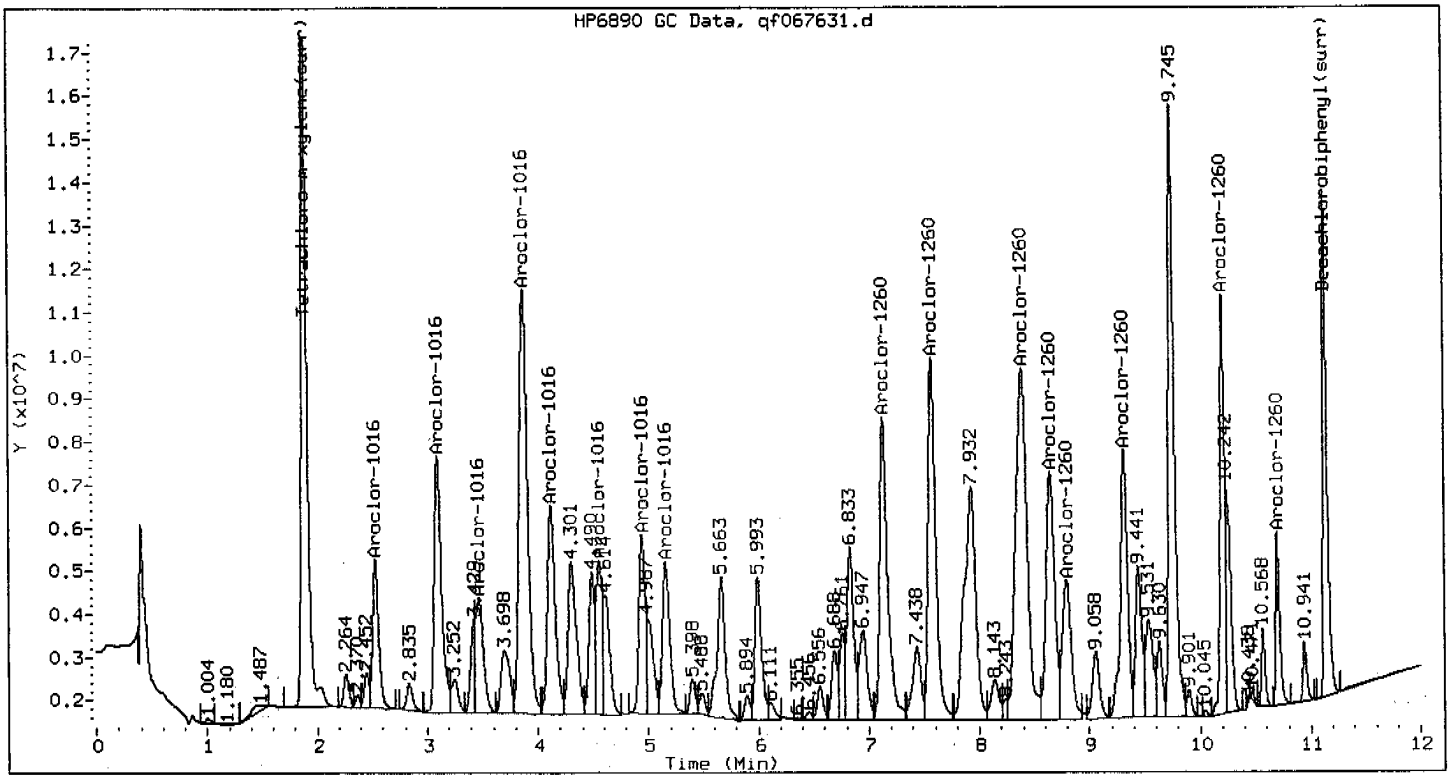
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07b.b/qf067631.d
Injection Date: 18-DEC-2007 01:39

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.517	(2.447 - 2.587)	2.532	
	3.082	(3.012 - 3.152)	3.098	
	3.454	(3.384 - 3.524)	3.473	
	3.859	(3.789 - 3.929)	3.875	
	4.104	(4.034 - 4.174)	4.120	
	4.544	(4.474 - 4.614)	4.558	
	4.933	(4.863 - 5.003)	4.946	
	5.144	(5.074 - 5.214)	5.156	
Aroclor-1260	7.124	(7.054 - 7.194)	7.132	
	7.565	(7.495 - 7.635)	7.573	
	8.387	(8.317 - 8.457)	8.395	
	8.642	(8.572 - 8.712)	8.650	
	8.789	(8.719 - 8.859)	8.796	
	9.312	(9.242 - 9.382)	9.316	
	10.211	(10.141 - 10.281)	10.208	
	10.709	(10.639 - 10.779)	10.698	
Tetrachloro-m-xylene(surr)	1.876	(1.826 - 1.926)	1.890	
Decachlorobiphenyl(surr)	11.154	(11.054 - 11.254)	11.132	



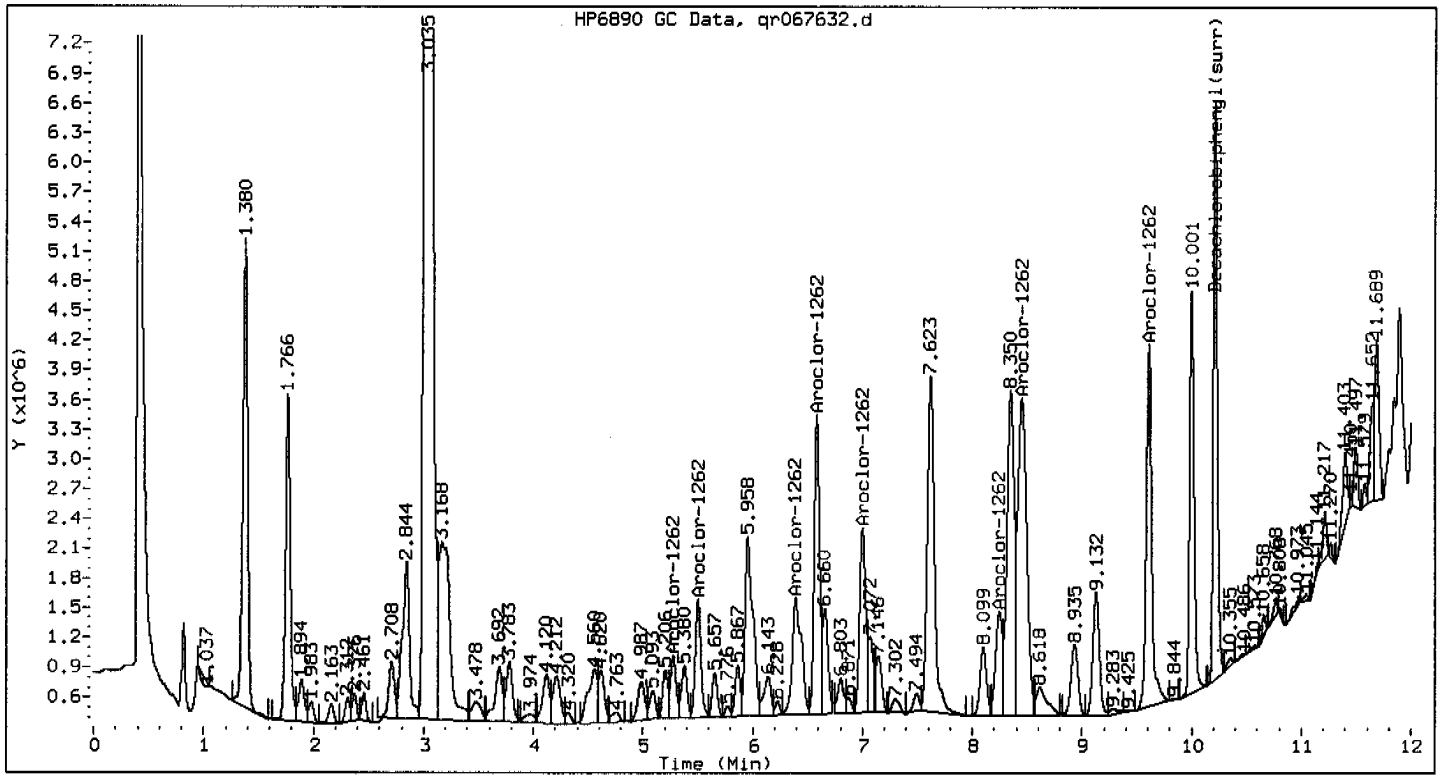
Method : /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07b.b/06Qf8082.m
Sample Info : SG1660L3_00003 B
Lab ID : SG1660L3_00003 B
Inj Date : 18-DEC-2007 01:39
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.532	2.532	0.000	13343420	1035.058	1035.058
(2)		3.098	3.098	0.000	27675991	1027.388	1027.388
(3)		3.473	3.473	0.000	13437369	1135.016	1135.016
(4)		3.875	3.875	0.000	52161188	1007.282	1007.282
(5)		4.120	4.120	0.000	23318333	1037.723	1037.723
(6)		4.558	4.558	0.000	13950281	1003.771	1003.771
(7)		4.946	4.946	0.000	15729271	946.788	946.788
(8)		5.156	5.156	0.000	16508717	1015.678	1015.678
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.132	7.132	0.000	35546541	1068.075	1068.075
(2)		7.573	7.573	0.000	40925214	1045.192	1045.192
(3)		8.395	8.395	0.000	58264070	1108.825	1108.825
(4)		8.650	8.650	0.000	31197902	1090.842	1090.842
(5)		8.796	8.796	0.000	18149450	1080.039	1080.039
(6)		9.316	9.316	0.000	27474266	1046.556	1046.556

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)		10.208	10.208	0.000	29113319	1080.019	1080.019
(8)		10.698	10.698	0.000	10208093	1069.227	1069.227
Average of peak concentrations:							1100.00
Tetrachloro-m-xylene(surr)	(M)	1.890	1.890	0.000	60369370	109.714	109.714
Decachlorobiphenyl(surr)		11.132	11.132	0.000	30192734	103.146	103.146

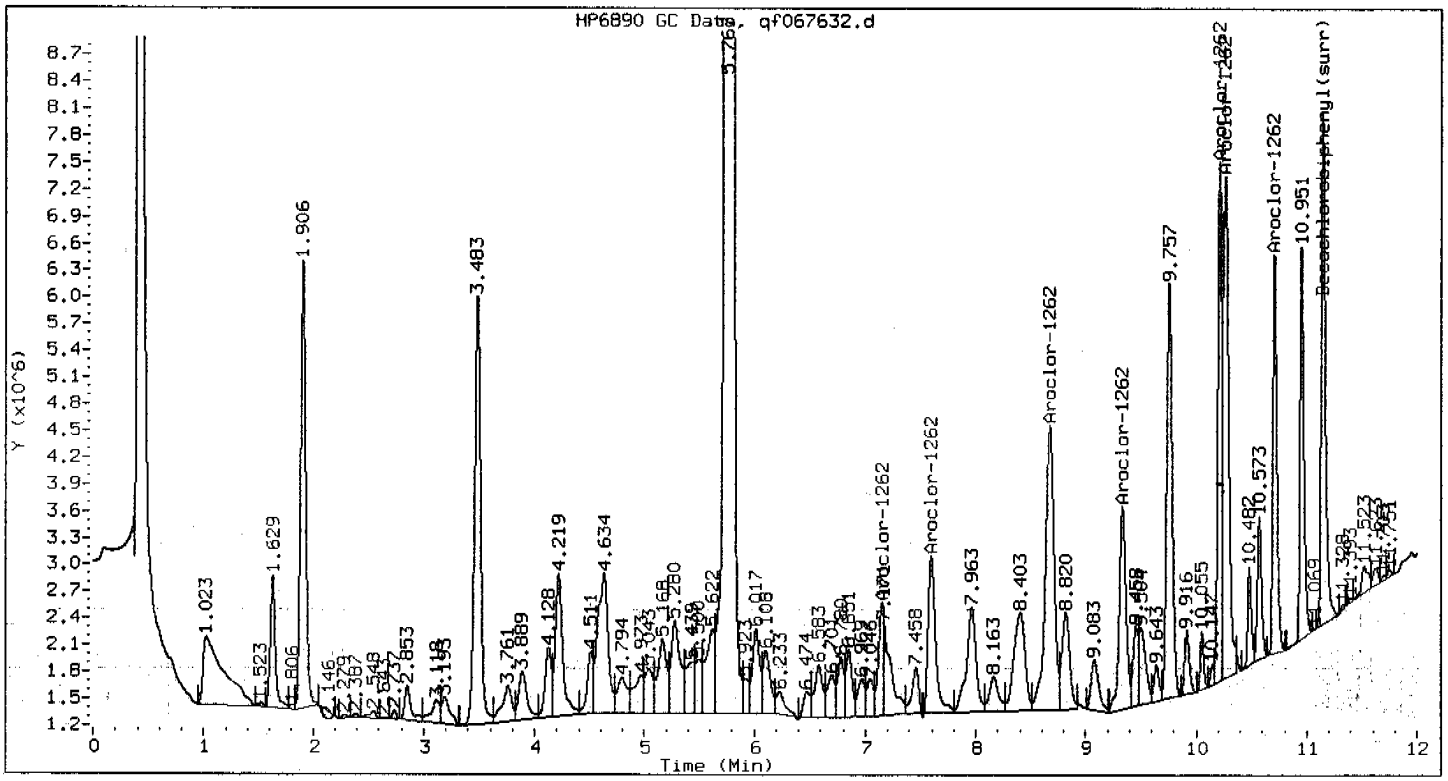
COMMENTS:
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07b.b/06Qr8082.m
Sample Info : 884072;4040102
Lab ID : 884072
Inj Date : 18-DEC-2007 02:08
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	5.279	5.277	0.003	2175183	155.282	123.829
(2)	5.504	5.500	0.004	4239480	221.935	176.981
(3)	6.392	6.392	0.000	6756815	291.324	232.315
(4)	6.586	6.583	0.003	10484137	333.113	265.641
(5)	7.002	7.003	0.002	7444722	276.743	220.688
(6)	8.246	8.249	0.003	4481906	234.340	186.874
(7)	8.451	8.457	0.006	18010468	602.630	480.566
(8)	9.610	9.612	0.002	12680456	594.010	473.693
Average of peak concentrations:						270.00
Decachlorobiphenyl(surr)	10.213	10.210	0.003	14407251	47.010	37.488



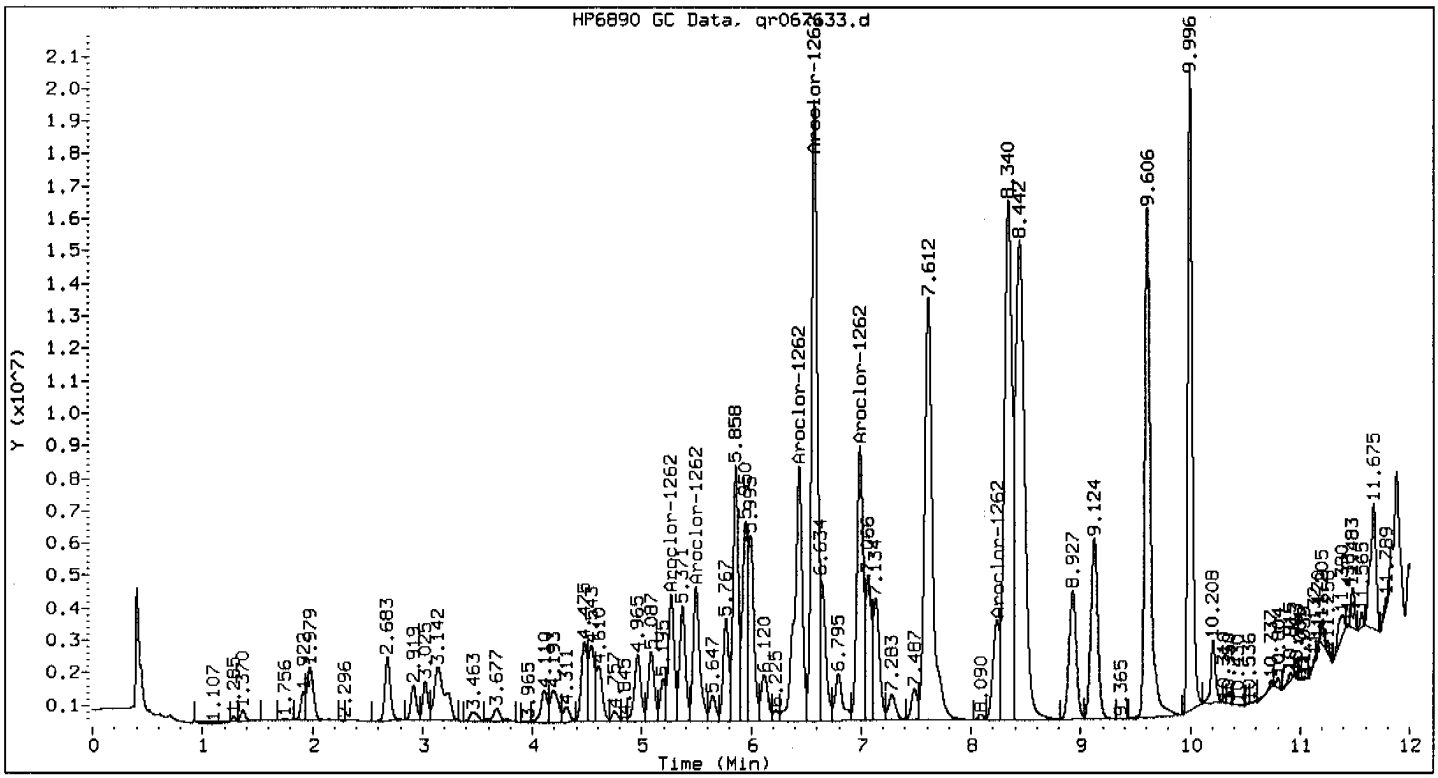
Method : /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07b.b/06Qf8082.m
Sample Info : 884072;4040102
Lab ID : 884072
Inj Date : 18-DEC-2007 02:08
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	(M)	7.150	7.136	0.014	4219291	154.159	122.934
(2)		7.595	7.578	0.017	8203934	250.326	199.622
(3)		8.675	8.657	0.018	17927925	361.005	287.883
(4)		9.335	9.323	0.013	9637768	273.361	217.991
(5)		10.214	10.213	0.002	14016080	387.725	309.191
(6)		10.266	10.261	0.005	20254641	702.358	560.094
(7)		10.706	10.709	0.003	10996694	660.707	526.880
(8)		------	10.957	------	------	------	------ (*)
Average of peak concentrations:							320.00
Decachlorobiphenyl(surr)		11.143	11.132	0.011	14922658	50.980	40.654

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07b.b/06Qr8082.m
Sample Info : 884079;4040123
Lab ID : 884079
Inj Date : 18-DEC-2007 02:25
Operator : 615
Cpnd Sublist: PCB8082+

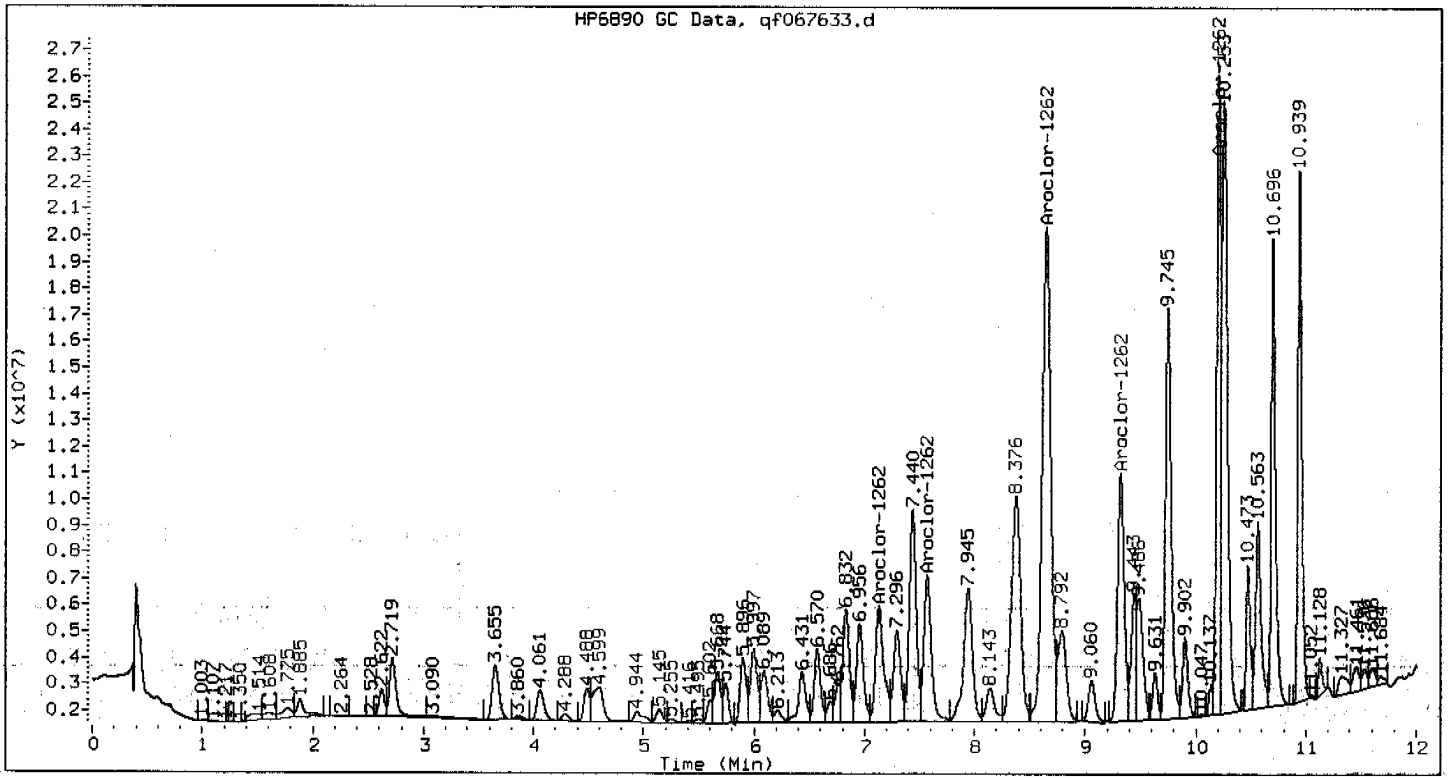
Inst ID : PESTGC8.i
Dil Factor : 20
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	(M)	5.270	5.277	0.007	14587048	1041.341	23938.879	
(2)		5.494	5.500	0.006	17500718	916.154	21061.003	
(3)		6.439	6.392	0.047	38809728	1673.301	38466.700	
(4)		6.577	6.583	0.006	70878978	2252.043	51771.104	
(5)		6.991	7.003	0.012	33627545	1250.039	28736.538	
(6)		8.238	8.249	0.011	12017843	628.362	14445.097	
(7)		------	8.457	------	------	------	------	(*)
(8)		------	9.612	------	------	------	------	(*)

Average of peak concentrations: 30000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07b.b/06Qf8082.m
Sample Info : 884079;4040123
Lab ID : 884079
Inj Date : 18-DEC-2007 02:25
Operator : 615
Cpnd Sublist: PCB8082+

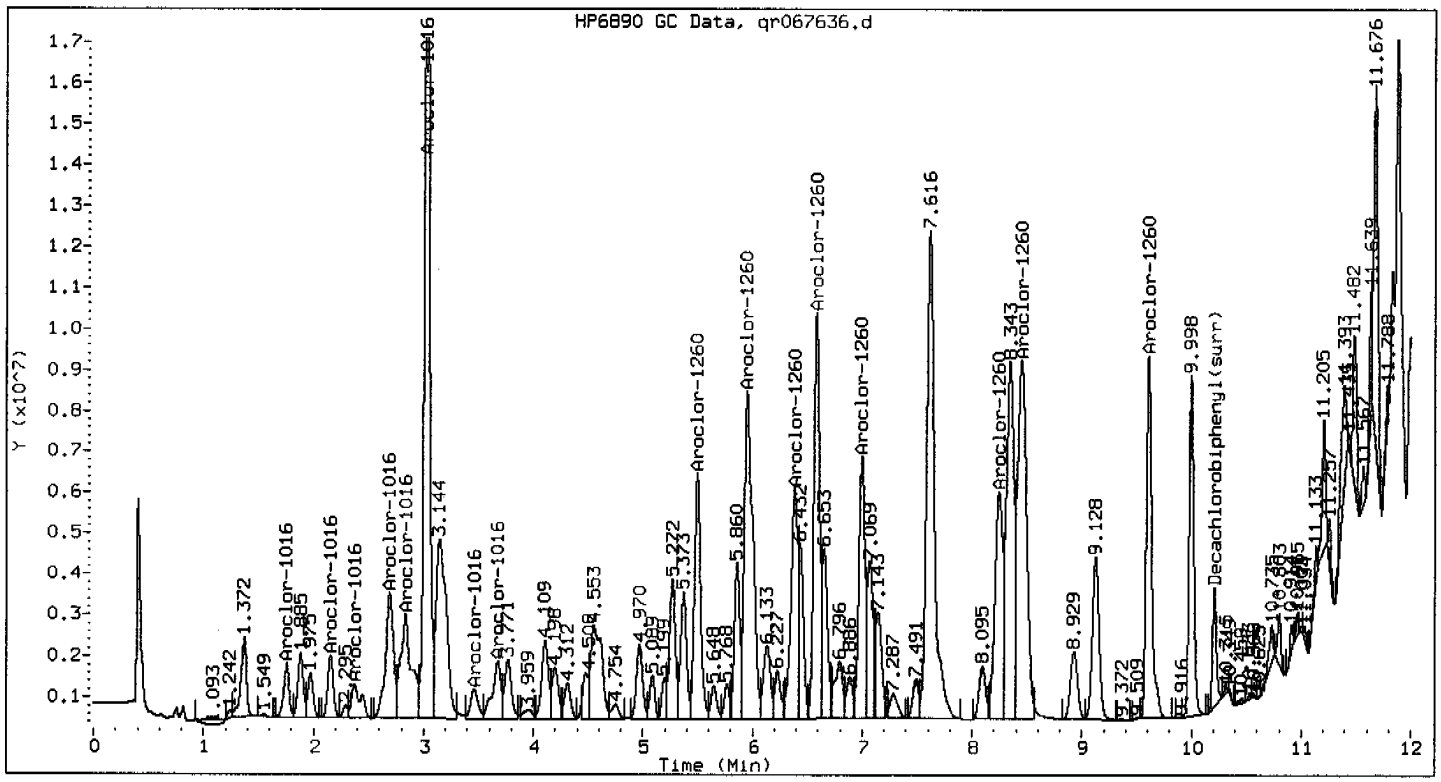
Inst ID : PESTGC8.i
Dil Factor : 20
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	7.130	7.136	0.005	22906001	836.911	19239.324	
(2)	7.572	7.578	0.006	27122451	827.584	19024.930	
(3)	8.649	8.657	0.008	103509870	2084.324	47915.487	
(4)	9.320	9.323	0.002	38961503	1105.086	25404.281	
(5)	10.204	10.213	0.009	58930256	1630.180	37475.412	
(6)	------	10.261	------	------	------	------	(*)
(7)	------	10.709	------	------	------	------	(*)
(8)	------	10.957	------	------	------	------	(*)

Average of peak concentrations: 30000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.

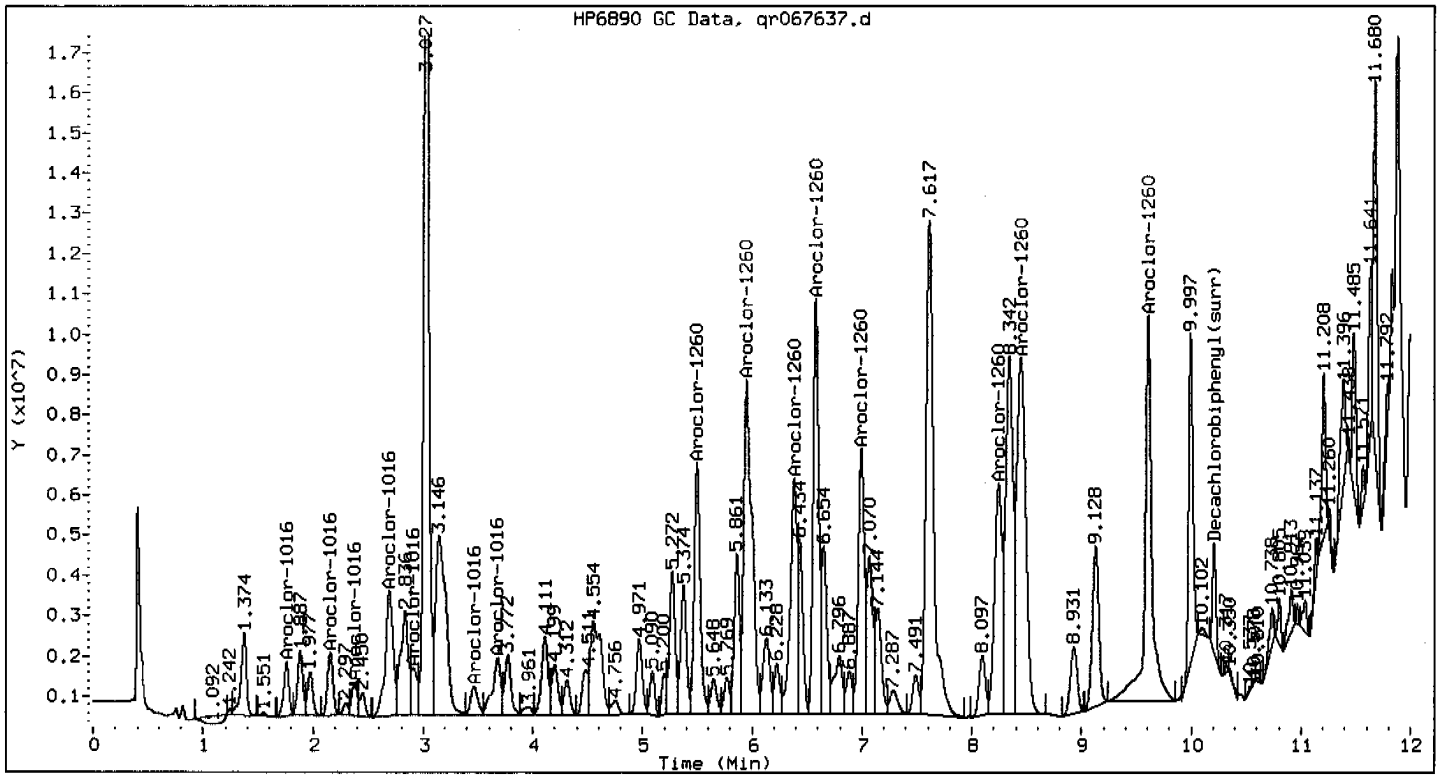


Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07b.b/06Qr8082.m
Sample Info : 884068ms;4047608
Lab ID : 884068MS
Inj Date : 18-DEC-2007 03:14
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: MS

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	1.756	1.756	0.000	4448267	430.114	1901.479
(2)	2.157	2.157	0.000	5352496	281.695	1245.335
(3)	2.374	2.387	0.012	4811628	379.081	1675.868
(4)	2.690	2.715	0.025	15038535	370.864	1639.542
(5)	2.835	2.889	0.054	17614986	1114.144	4925.480
(6)	3.026	2.965	0.061	74289315	6287.413	27795.815
(7)	3.463	3.468	0.005	3355541	202.708	896.144
(8)	3.678	3.615	0.063	7527905	940.859	4159.412
Average of peak concentrations:						5500.00
Aroclor-1260	5.496	5.496	0.000	23747355	1047.643	4631.489
(2)	5.950	5.948	0.002	43225059	1068.462	4723.526
(3)	6.385	6.388	0.003	23952066	635.644	2810.096
(4)	6.583	6.578	0.004	36172233	1821.251	8051.507
(5)	6.996	6.998	0.002	25303010	1316.435	5819.784
(6)	8.244	8.242	0.002	26439409	1135.987	5022.048

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	8.447	8.450	0.003	51748270	3694.171	16331.438
(8)	9.608	9.608	0.001	30579273	2692.001	11900.976
Average of peak concentrations:						7400.00
Decachlorobiphenyl(surr)	10.210	10.210	0.000	7140504	23.299	103.001



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07b.b/06Qr8082.m
Sample Info : 884068sd;4047609
Lab ID : 884068MSD
Inj Date : 18-DEC-2007 03:31
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: MSD

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	1.758	1.756	0.002	4246015	410.558	1815.023
(2)		2.159	2.157	0.002	5195219	273.417	1208.742
(3)		2.375	2.387	0.012	2807244	221.167	977.750
(4)		2.692	2.715	0.024	14956390	368.839	1630.586
(5)		2.912	2.889	0.023	4746198	300.196	1327.126
(6)		------	2.965	------	------	------	------ (*)
(7)		3.462	3.468	0.005	3038811	183.574	811.557
(8)		3.678	3.615	0.063	7234041	904.131	3997.042
Average of peak concentrations:							1700.00
Aroclor-1260		5.497	5.496	0.001	23958802	1056.971	4672.728
(2)		5.951	5.948	0.002	43631097	1078.498	4767.897
(3)		6.386	6.388	0.002	25265937	670.511	2964.241
(4)		6.582	6.578	0.004	36326842	1829.035	8085.921
(5)		6.996	6.998	0.002	25645401	1334.249	5898.536
(6)		8.245	8.242	0.003	27137507	1165.982	5154.649

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	8.447	8.450	0.003	51425476	3671.128	16229.566
(8)	9.607	9.608	0.001	43181600	3801.428	16805.605
Average of peak concentrations:						8100.00
Decachlorobiphenyl(surr)	10.209	10.210	0.001	5967219	19.471	86.077

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b/qr067648.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Qr8082.m

Sample Information: SG1660L3_00003 C
Injection Date: 18-DEC-2007 07:14

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.756	1000	1112.69	11.27
Aroclor-1016	2	2.157	1000	1058.94	5.89
Aroclor-1016	3	2.387	1000	1078.91	7.89
Aroclor-1016	4	2.715	1000	1050.10	5.01
Aroclor-1016	5	2.890	1000	1107.80	10.78
Aroclor-1016	6	2.966	1000	1018.37	1.84
Aroclor-1016	7	3.467	1000	1075.05	7.50
Aroclor-1016	8	3.615	1000	1118.86	11.89
Aroclor-1260	1	5.495	1000	1055.51	5.55
Aroclor-1260	2	5.947	1000	1032.32	3.23
Aroclor-1260	3	6.386	1000	1043.28	4.33
Aroclor-1260	4	6.577	1000	1051.60	5.16
Aroclor-1260	5	6.996	1000	1077.20	7.72
Aroclor-1260	6	8.240	1000	1074.75	7.47
Aroclor-1260	7	8.448	1000	1079.79	7.98
Aroclor-1260	8	9.605	1000	1122.45	12.24

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.375	100	106.27	6.27
Decachlorobiphenyl(sur	10.209	100	102.63	2.63

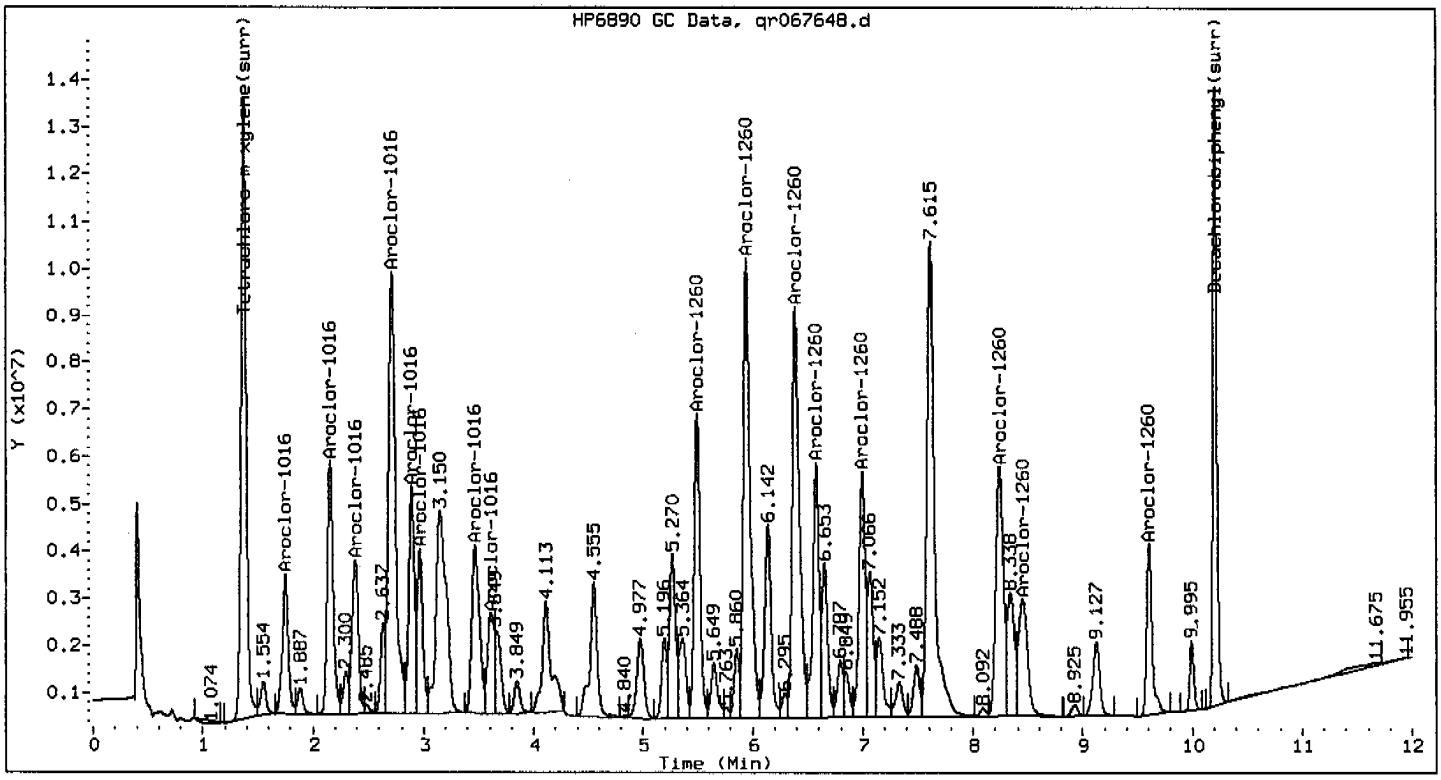
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b/qr067648.d
Injection Date: 18-DEC-2007 07:14

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.756	
	2.155	(2.085 - 2.225)	2.157	
	2.384	(2.314 - 2.454)	2.387	
	2.713	(2.645 - 2.785)	2.715	
	2.888	(2.818 - 2.958)	2.890	
	2.963	(2.893 - 3.033)	2.966	
	3.465	(3.395 - 3.535)	3.467	
	3.613	(3.543 - 3.683)	3.615	
Aroclor-1260	5.495	(5.425 - 5.565)	5.495	
	5.948	(5.878 - 6.018)	5.947	
	6.387	(6.317 - 6.457)	6.386	
	6.578	(6.508 - 6.648)	6.577	
	6.998	(6.928 - 7.068)	6.996	
	8.243	(8.173 - 8.313)	8.240	
	8.453	(8.383 - 8.523)	8.448	
	9.609	(9.539 - 9.679)	9.605	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.375	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.209	



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Qr8082.m
Sample Info : SG1660L3_00003 C
Lab ID : SG1660L3_00003 C
Inj Date : 18-DEC-2007 07:14
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

12/19/7

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	1.756	1.756	0.000	11507462	1112.686	1112.686
(2)		2.157	2.157	0.000	20121060	1058.945	1058.945
(3)		2.387	2.387	0.000	13694460	1078.910	1078.910
(4)		2.715	2.715	0.000	42581591	1050.102	1050.102
(5)		2.890	2.890	0.000	17514760	1107.804	1107.804
(6)		2.966	2.966	0.000	12032556	1018.365	1018.365
(7)		3.467	3.467	0.000	17795860	1075.045	1075.045
(8)		3.615	3.615	0.000	8952134	1118.863	1118.863
Average of peak concentrations:							1100.00
Aroclor-1260		5.495	5.495	0.000	23925698	1055.511	1055.511
(2)		5.947	5.947	0.000	41762875	1032.319	1032.319
(3)		6.386	6.386	0.000	39312630	1043.285	1043.285
(4)		6.577	6.577	0.000	20886133	1051.605	1051.605
(5)		6.996	6.996	0.000	20704639	1077.197	1077.197
(6)		8.240	8.240	0.000	25014132	1074.749	1074.749

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)		8.448	8.448	0.000	15125859	1079.795	1079.795
(8)		9.605	9.605	0.000	12750233	1122.448	1122.448
Average of peak concentrations:							1100.00
Tetrachloro-m-xylene(surr)	(M)	1.375	1.375	0.000	42492598	106.272	106.272
Decachlorobiphenyl(surr)		10.209	10.209	0.000	31452648	102.628	102.628

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07c.b/qf067648.d
Method: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07c.b/06Qf8082.m

Sample Information: SG1660L3_00003 C
Injection Date: 18-DEC-2007 07:14

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.532	1000	986.21	1.38
Aroclor-1016	2	3.096	1000	981.93	1.81
Aroclor-1016	3	3.470	1000	900.33	9.97
Aroclor-1016	4	3.874	1000	962.87	3.71
Aroclor-1016	5	4.120	1000	976.58	2.34
Aroclor-1016	6	4.557	1000	1013.17	1.32
Aroclor-1016	7	4.943	1000	946.57	5.34
Aroclor-1016	8	5.155	1000	955.49	4.45
Aroclor-1260	1	7.127	1000	982.52	1.75
Aroclor-1260	2	7.569	1000	974.24	2.58
Aroclor-1260	3	8.387	1000	956.59	4.34
Aroclor-1260	4	8.645	1000	991.79	0.82
Aroclor-1260	5	8.790	1000	953.26	4.67
Aroclor-1260	6	9.312	1000	997.75	0.23
Aroclor-1260	7	10.206	1000	1084.08	8.41
Aroclor-1260	8	10.699	1000	1043.39	4.34

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.890	100	107.82	7.82
Decachlorobiphenyl(sur	11.135	100	102.98	2.98

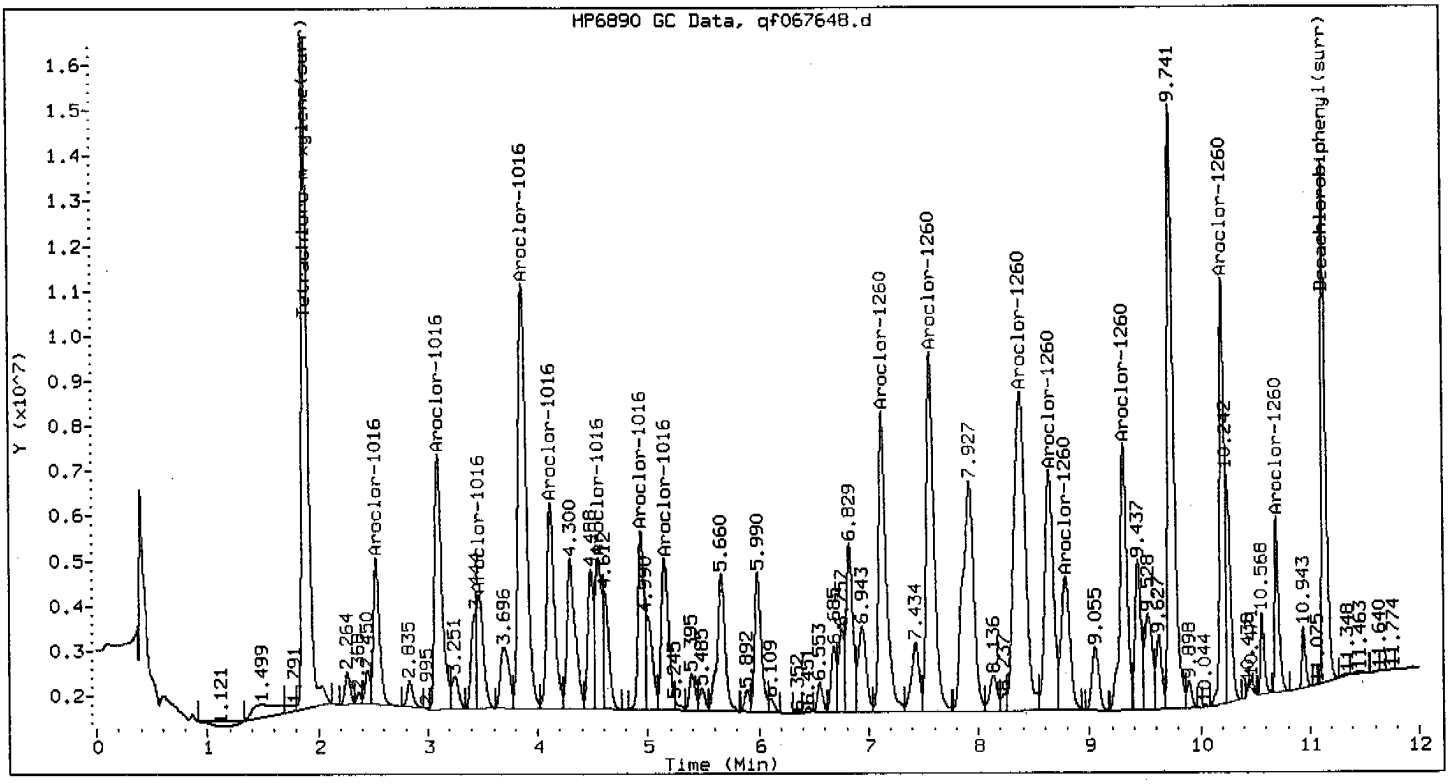
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07c.b/qf067648.d
Injection Date: 18-DEC-2007 07:14

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.517	(2.447 - 2.587)	2.532	
	3.082	(3.012 - 3.152)	3.096	
	3.454	(3.384 - 3.524)	3.470	
	3.859	(3.789 - 3.929)	3.874	
	4.104	(4.034 - 4.174)	4.120	
	4.544	(4.474 - 4.614)	4.557	
	4.933	(4.863 - 5.003)	4.943	
	5.144	(5.074 - 5.214)	5.155	
Aroclor-1260	7.124	(7.054 - 7.194)	7.127	
	7.565	(7.495 - 7.635)	7.569	
	8.387	(8.317 - 8.457)	8.387	
	8.642	(8.572 - 8.712)	8.645	
	8.789	(8.719 - 8.859)	8.790	
	9.312	(9.242 - 9.382)	9.312	
	10.211	(10.141 - 10.281)	10.206	
	10.709	(10.639 - 10.779)	10.699	
Tetrachloro-m-xylene(surr)	1.876	(1.826 - 1.926)	1.890	
Decachlorobiphenyl(surr)	11.154	(11.054 - 11.254)	11.135	



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07c.b/06Qf8082.m
Sample Info : SG1660L3_00003 C
Lab ID : SG1660L3_00003 C
Inj Date : 18-DEC-2007 07:14
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

12/19/7

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.532	2.532	0.000	12713747	986.214	986.214
(2)		3.096	3.096	0.000	26451396	981.929	981.929
(3)		3.470	3.470	0.000	10658886	900.325	900.325
(4)		3.874	3.874	0.000	49861375	962.871	962.871
(5)		4.120	4.120	0.000	21944307	976.575	976.575
(6)		4.557	4.557	0.000	14080879	1013.168	1013.168
(7)		4.943	4.943	0.000	15725644	946.569	946.569
(8)		5.155	5.155	0.000	15530422	955.490	955.490
Average of peak concentrations:							960.00
Aroclor-1260	(M)	7.127	7.127	0.000	32699187	982.520	982.520
(2)		7.569	7.569	0.000	38146891	974.236	974.236
(3)		8.387	8.387	0.000	50264782	956.590	956.590
(4)		8.645	8.645	0.000	28365100	991.793	991.793
(5)		8.790	8.790	0.000	16019050	953.263	953.263
(6)		9.312	9.312	0.000	26192950	997.748	997.748

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.206	10.206	0.000	29222670	1084.076	1084.076
(8)	10.699	10.699	0.000	9961382	1043.385	1043.385
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	1.890	1.890	0.000	59325883	107.818	107.818
Decachlorobiphenyl(surr)	11.135	11.135	0.000	30142971	102.976	102.976

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/qr067710.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m

Sample Information: SG1660L3_00003 G
Injection Date: 19-DEC-2007 04:38

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.759	1000	1125.13	12.51
Aroclor-1016	2	2.159	1000	1067.14	6.71
Aroclor-1016	3	2.388	1000	1092.35	9.24
Aroclor-1016	4	2.717	1000	1084.08	8.41
Aroclor-1016	5	2.892	1000	1082.51	8.25
Aroclor-1016	6	2.967	1000	1088.01	8.80
Aroclor-1016	7	3.469	1000	1081.92	8.19
Aroclor-1016	8	3.616	1000	1131.52	13.15
Aroclor-1260	1	5.497	1000	1118.29	11.83
Aroclor-1260	2	5.948	1000	1100.08	10.01
Aroclor-1260	3	6.388	1000	1111.40	11.14
Aroclor-1260	4	6.578	1000	1120.69	12.07
Aroclor-1260	5	6.997	1000	1149.25	14.93
Aroclor-1260	6	8.240	1000	1131.44	13.14
Aroclor-1260	7	8.449	1000	1131.27	13.13
Aroclor-1260	8	9.606	1000	1097.01	9.70

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.380	100	104.34	4.34
Decachlorobiphenyl(sur	10.207	100	101.94	1.94

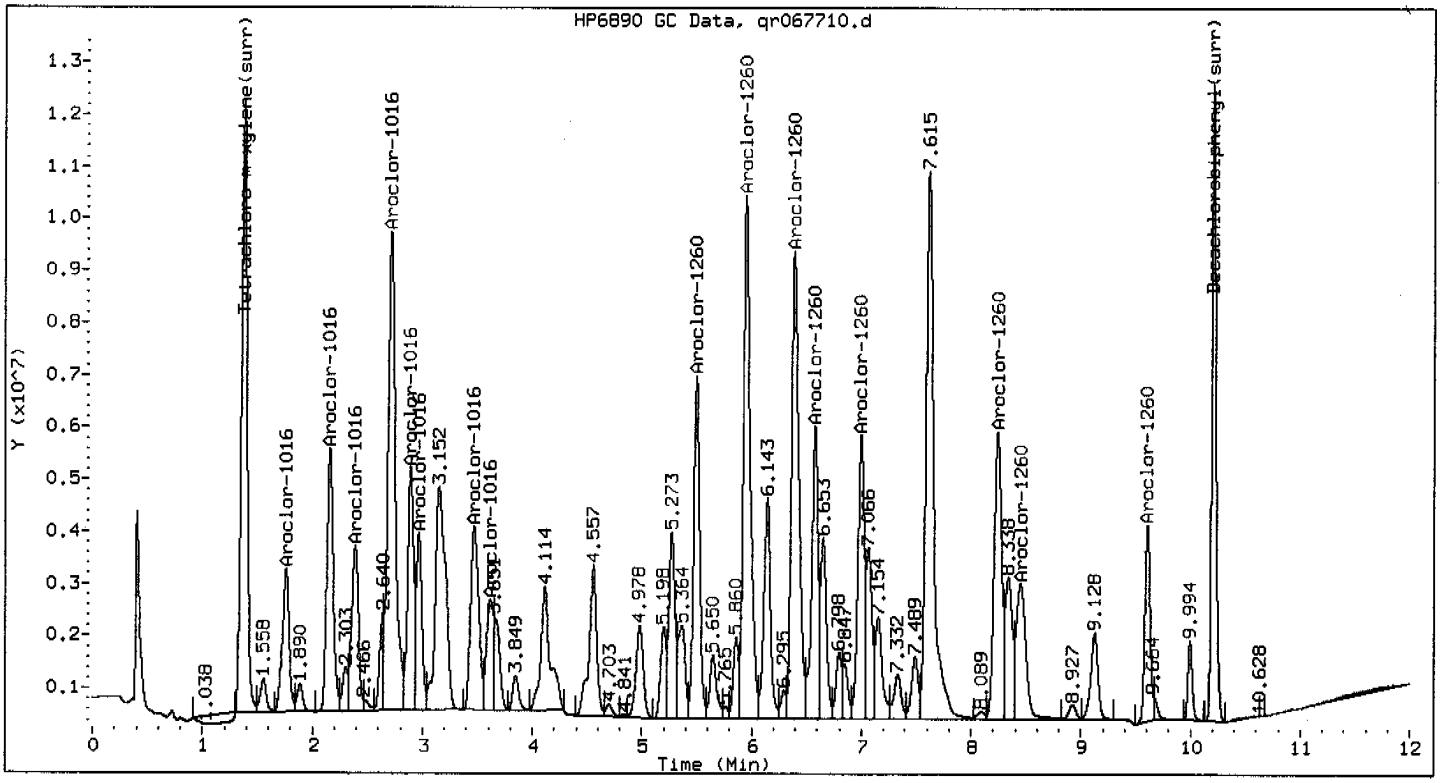
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/qr067710.d
Injection Date: 19-DEC-2007 04:38

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.759	
	2.155	(2.085 - 2.225)	2.159	
	2.384	(2.314 - 2.454)	2.388	
	2.713	(2.645 - 2.785)	2.717	
	2.888	(2.818 - 2.958)	2.892	
	2.963	(2.893 - 3.033)	2.967	
	3.465	(3.395 - 3.535)	3.469	
	3.613	(3.543 - 3.683)	3.616	
Aroclor-1260	5.495	(5.425 - 5.565)	5.497	
	5.948	(5.878 - 6.018)	5.948	
	6.387	(6.317 - 6.457)	6.388	
	6.578	(6.508 - 6.648)	6.578	
	6.998	(6.928 - 7.068)	6.997	
	8.243	(8.173 - 8.313)	8.240	
	8.453	(8.383 - 8.523)	8.449	
	9.609	(9.539 - 9.679)	9.606	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.380	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.207	



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m
Sample Info : SG1660L3_00003 G
Lab ID : SG1660L3_00003 G
Inj Date : 19-DEC-2007 04:38
Operator : 615
Cpnd Sublist: AR16600S

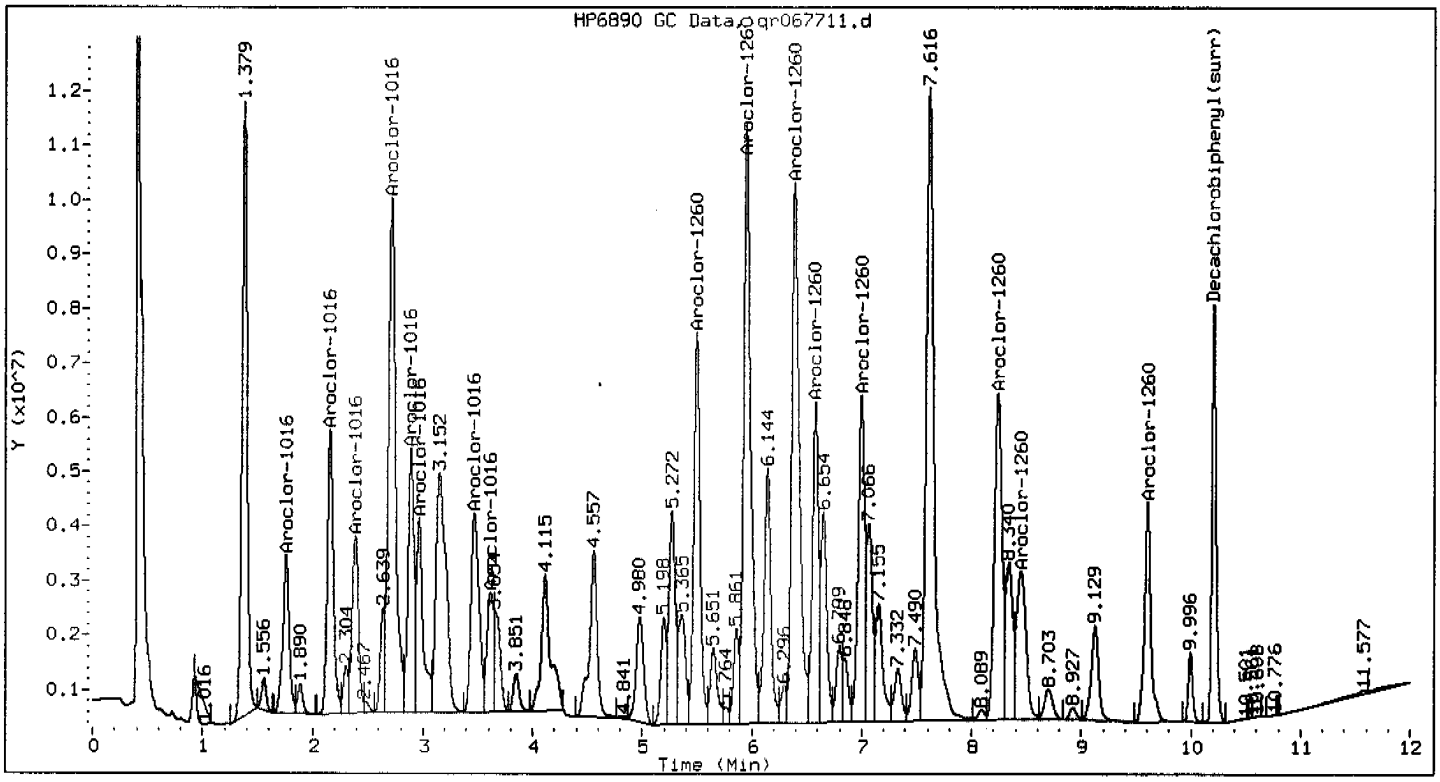
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	1.759	1.759	0.000	11636205	1125.135	1125.135
(2)		2.159	2.159	0.000	20276722	1067.137	1067.137
(3)		2.388	2.388	0.000	13865063	1092.351	1092.351
(4)		2.717	2.717	0.000	43959555	1084.084	1084.084
(5)		2.892	2.892	0.000	17114884	1082.512	1082.512
(6)		2.967	2.967	0.000	12855434	1088.009	1088.009
(7)		3.469	3.469	0.000	17909632	1081.918	1081.918
(8)		3.616	3.616	0.000	9053428	1131.523	1131.523
Average of peak concentrations:							1100.00
Aroclor-1260	(M)	5.497	5.497	0.000	25348856	1118.295	1118.295
(2)		5.948	5.948	0.000	44504141	1100.079	1100.079
(3)		6.388	6.388	0.000	41879237	1111.398	1111.398
(4)		6.578	6.578	0.000	22258349	1120.695	1120.695
(5)		6.997	6.997	0.000	22089597	1149.252	1149.252
(6)		8.240	8.240	0.000	26333570	1131.440	1131.440

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)		8.449	8.449	0.000	15846877	1131.266	1131.266
(8)		9.606	9.606	0.000	12461265	1097.009	1097.009
Average of peak concentrations:							1100.00
Tetrachloro-m-xylene(surr)	(M)	1.380	1.380	0.000	41719251	104.338	104.338
Decachlorobiphenyl(surr)		10.207	10.207	0.000	31242998	101.943	101.943

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m
Sample Info : 6362bs;bs62087
Lab ID : 6362BS
Inj Date : 19-DEC-2007 04:55
Operator : 615
Cpnd Sublist: PCB8082+

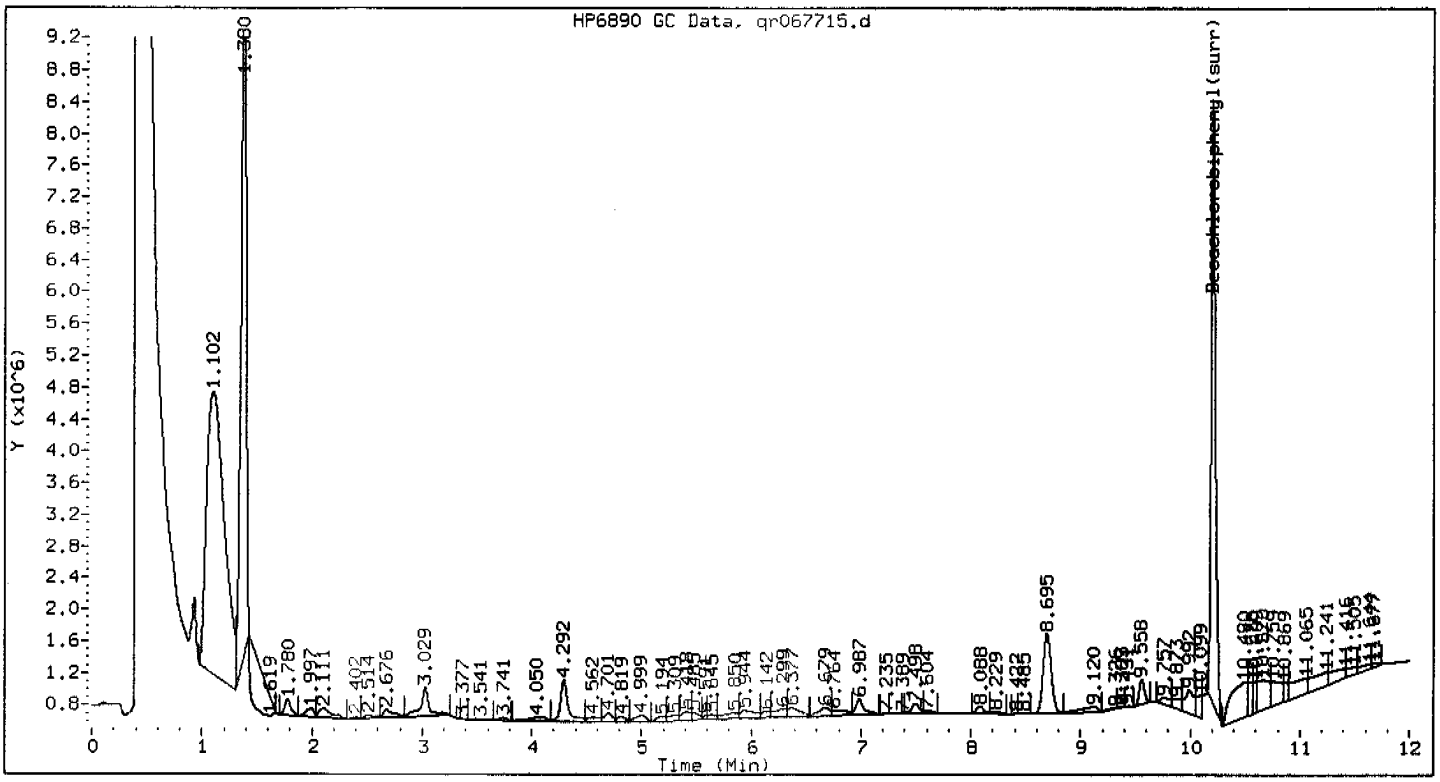
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: BS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
Aroclor-1016	(M)	1.759	1.759	0.000	11713908	1132.648	5.663
(2)		2.160	2.159	0.001	19765641	1040.239	5.201
(3)		2.390	2.388	0.001	13692197	1078.732	5.394
(4)		2.718	2.717	0.001	43764414	1079.272	5.396
(5)		2.892	2.892	0.000	17980067	1137.235	5.686
(6)		2.966	2.967	0.000	15059871	1274.579	6.373
(7)		3.470	3.469	0.001	18497377	1117.424	5.587
(8)		3.616	3.616	0.000	9559297	1194.748	5.974
Average of peak concentrations:							5.60
Aroclor-1260		5.497	5.497	0.001	28540284	1259.089	6.295
(2)		5.949	5.948	0.000	49804050	1231.085	6.155
(3)		6.388	6.388	0.000	47831615	1269.363	6.347
(4)		6.579	6.578	0.001	22362436	1125.936	5.630
(5)		6.997	6.997	0.001	24722981	1286.258	6.431
(6)		8.241	8.240	0.001	29264311	1257.361	6.287

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
(7)	8.449	8.449	0.000	16465451	1175.425	5.877
(8)	9.606	9.606	0.000	16310833	1435.900	7.179
Average of peak concentrations:						6.30
Decachlorobiphenyl(surr)	10.207	10.207	0.001	19965331	65.145	0.326

COMMENTS:

M - Compound response manually integrated.



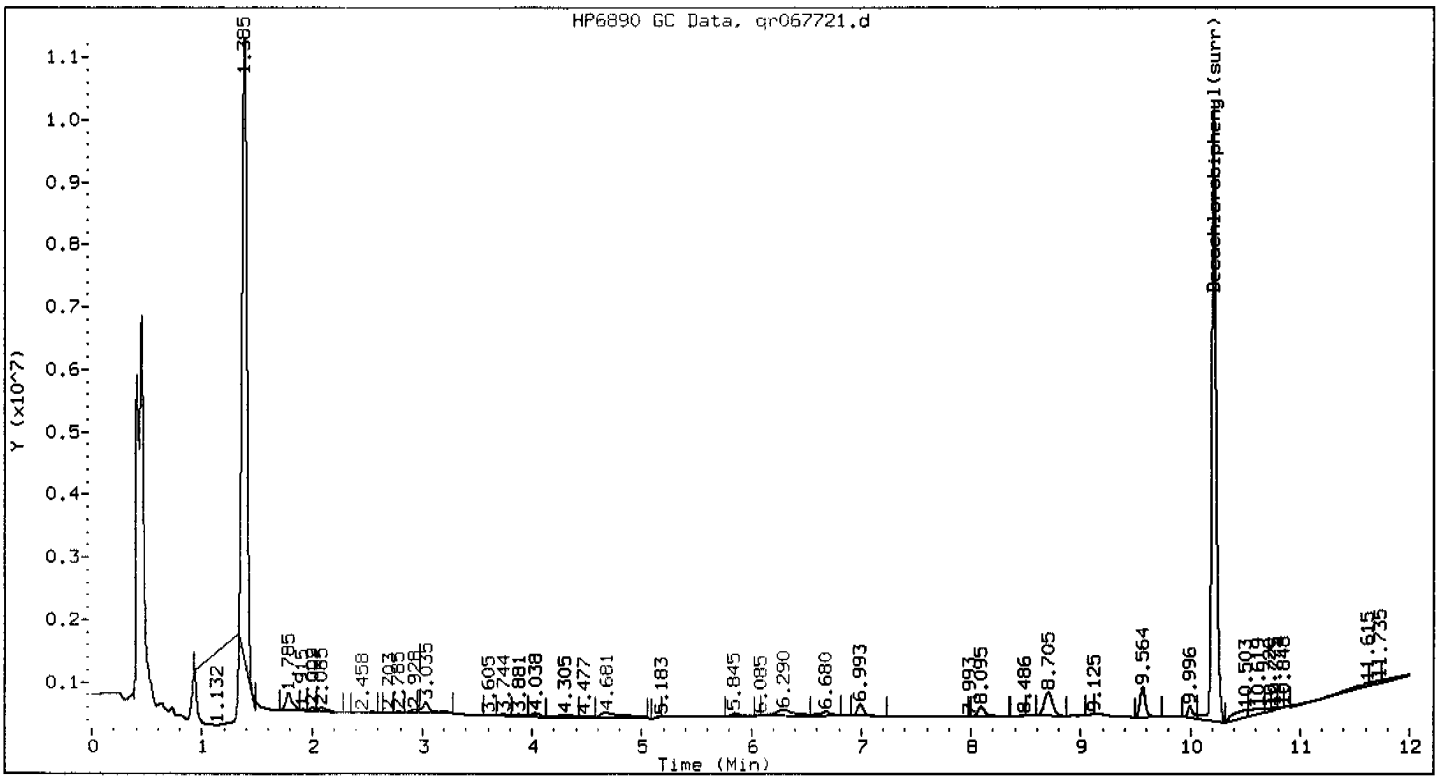
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m
Sample Info : 884089;4040153
Lab ID : 884089
Inj Date : 19-DEC-2007 05:56
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
Decachlorobiphenyl(surr)	(M)	10.206	10.207	0.001	19834507	64.718	0.324

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m
Sample Info : wp348a;mb77558
Lab ID : WP348A
Inj Date : 19-DEC-2007 07:44
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: BLANK

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
Decachlorobiphenyl(surr)	10.212	10.207	0.005	26753074	87.293	0.436

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07h.b/qr067723.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07h.b/06Qr8082.m

Sample Information: SG1660L3_00003 H
Injection Date: 19-DEC-2007 08:14

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.763	1000	1134.20	13.42
Aroclor-1016	2	2.162	1000	1073.27	7.33
Aroclor-1016	3	2.391	1000	1098.80	9.88
Aroclor-1016	4	2.719	1000	1071.99	7.20
Aroclor-1016	5	2.893	1000	1149.03	14.90
Aroclor-1016	6	2.969	1000	1017.88	1.79
Aroclor-1016	7	3.469	1000	1101.78	10.18
Aroclor-1016	8	3.616	1000	1072.10	7.21
Aroclor-1260	1	5.494	1000	1095.19	9.52
Aroclor-1260	2	5.945	1000	1084.21	8.42
Aroclor-1260	3	6.384	1000	1093.08	9.31
Aroclor-1260	4	6.574	1000	1068.03	6.80
Aroclor-1260	5	6.992	1000	1132.21	13.22
Aroclor-1260	6	8.232	1000	1146.09	14.61
Aroclor-1260	7	8.441	1000	1111.22	11.12
Aroclor-1260	8	9.601	1000	1133.20	13.32

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.384	100	108.13	8.13
Decachlorobiphenyl(sur	10.208	100	115.45	15.45<-

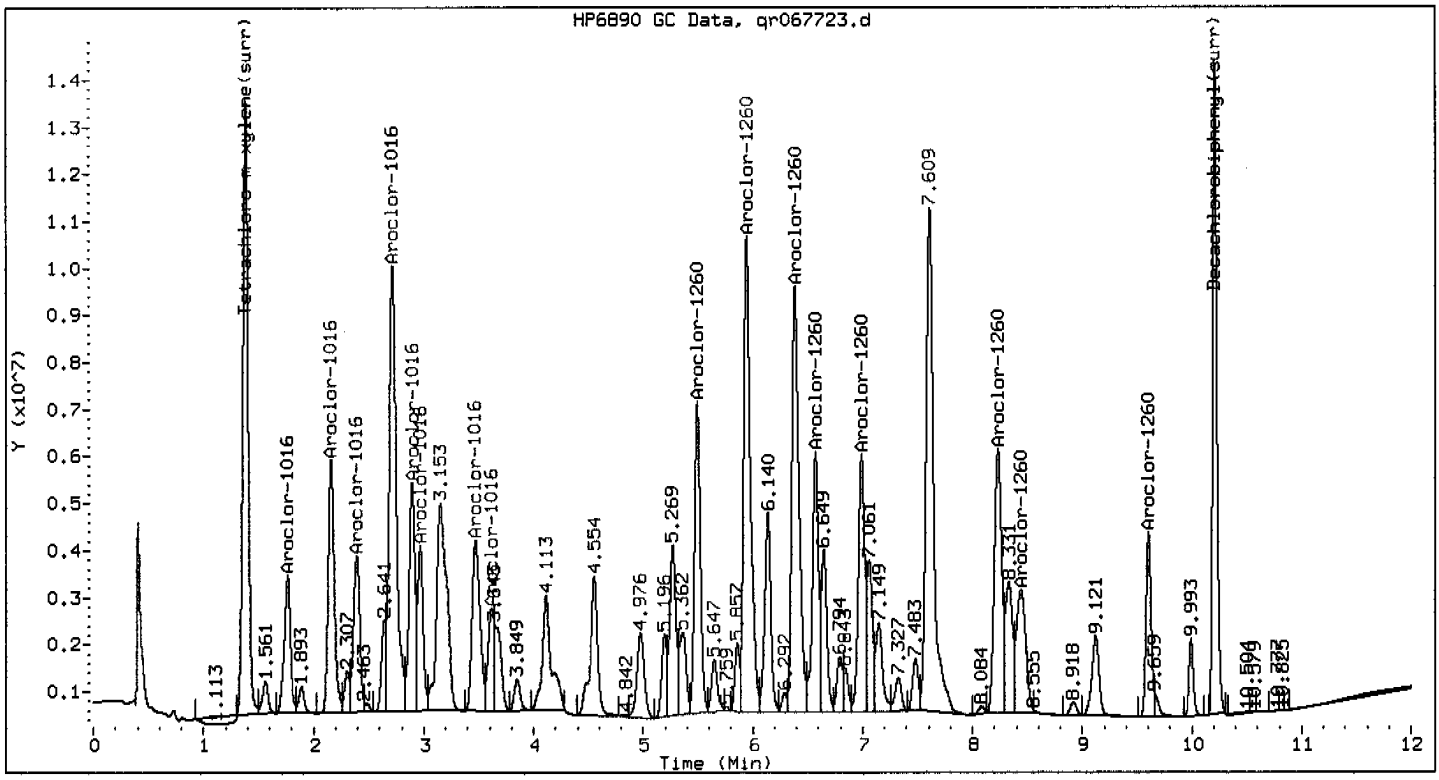
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07h.b/qr067723.d
Injection Date: 19-DEC-2007 08:14

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.763	
	2.155	(2.085 - 2.225)	2.162	
	2.384	(2.314 - 2.454)	2.391	
	2.713	(2.645 - 2.785)	2.719	
	2.888	(2.818 - 2.958)	2.893	
	2.963	(2.893 - 3.033)	2.969	
	3.465	(3.395 - 3.535)	3.469	
	3.613	(3.543 - 3.683)	3.616	
Aroclor-1260	5.495	(5.425 - 5.565)	5.494	
	5.948	(5.878 - 6.018)	5.945	
	6.387	(6.317 - 6.457)	6.384	
	6.578	(6.508 - 6.648)	6.574	
	6.998	(6.928 - 7.068)	6.992	
	8.243	(8.173 - 8.313)	8.232	
	8.453	(8.383 - 8.523)	8.441	
	9.609	(9.539 - 9.679)	9.601	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.384	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.208	



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07h.b/06Qr8082.m
Sample Info : SG1660L3_00003 H
Lab ID : SG1660L3_00003 H
Inj Date : 19-DEC-2007 08:14
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	1.763	1.763	0.000	11729916	1134.196	1134.196
(2)		2.162	2.162	0.000	20393303	1073.273	1073.273
(3)		2.391	2.391	0.000	13946878	1098.797	1098.797
(4)		2.719	2.719	0.000	43469289	1071.993	1071.993
(5)		2.893	2.893	0.000	18166621	1149.034	1149.034
(6)		2.969	2.969	0.000	12026768	1017.875	1017.875
(7)		3.469	3.469	0.000	18238336	1101.775	1101.775
(8)		3.616	3.616	0.000	8578007	1072.104	1072.104
Average of peak concentrations:							1100.00
Aroclor-1260	(M)	5.494	5.494	0.000	24825021	1095.185	1095.185
(2)		5.945	5.945	0.000	43862137	1084.209	1084.209
(3)		6.384	6.384	0.000	41189017	1093.081	1093.081
(4)		6.574	6.574	0.000	21212312	1068.028	1068.028
(5)		6.992	6.992	0.000	21762076	1132.212	1132.212
(6)		8.232	8.232	0.000	26674566	1146.091	1146.091

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)		8.441	8.441	0.000	15566015	1111.216	1111.216
(8)		9.601	9.601	0.000	12872354	1133.198	1133.198
Average of peak concentrations:							1100.00
Tetrachloro-m-xylene(surr)	(M)	1.384	1.384	0.000	43236185	108.131	108.131
Decachlorobiphenyl(surr)	(M)	10.208	10.208	0.000	35381610	115.447	115.447

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS INITIAL CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

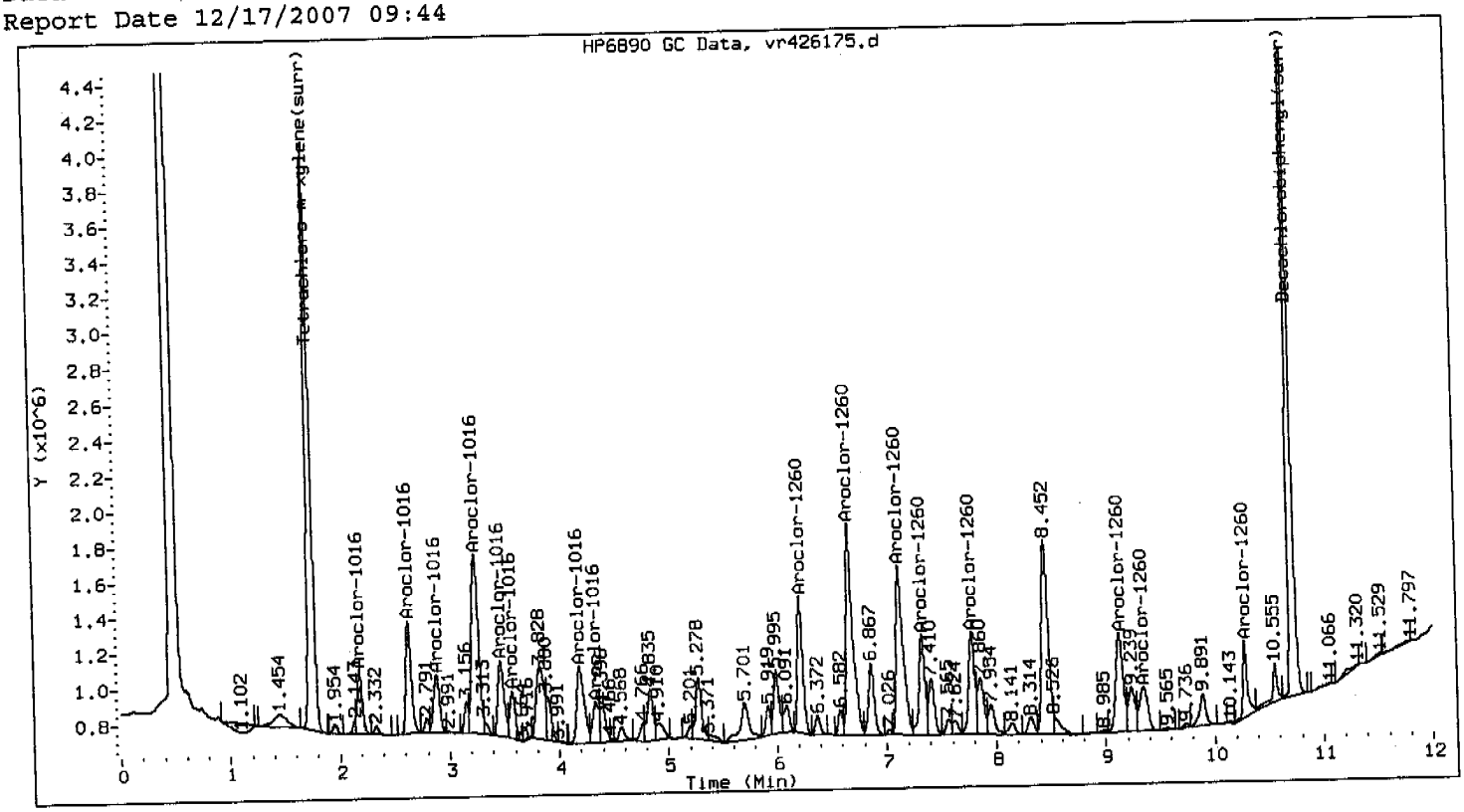
Calibration Files:

/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426175.d
/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426176.d
/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426178.d
/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426179.d

Compound		Level 1	Level 2	Level 3	Level 4	Level 5	Coefficients a0	a1	a2	%RSD or R^2
Aroclor-1016	1	11583.38	9286.73	9058.32	8990.51	7649.71		9313.73		15.27001
	2	21284.11	17332.76	15387.37	15264.93	13003.80		16454.60		18.86855
	3	12393.20	10629.55	10143.70	10334.67	8987.33		10497.69		11.70893
	4	43075.43	37343.09	31900.47	31803.96	27245.49		34273.69		17.74877
	5	16464.95	16143.60	14051.72	14509.93	12538.25		14741.69		10.89584
	6	9460.29	9461.48	8450.61	9156.76	8117.68		8929.36		6.86884
	7	20653.14	16826.38	14604.64	14687.46	12755.42		15905.41		18.98867
	8	8577.19	7535.22	7037.37	6504.22	6150.41		7160.88		13.27313
Aroclor-1260	1	27734.97	21643.42	20646.70	20574.71	17649.09		21649.78		17.15831
	2	48210.69	37771.61	36248.94	36395.45	31272.06		37979.75		16.40151
	3	41732.11	35136.68	34531.40	35281.46	30588.24		35453.98		11.28857
	4	21178.02	17600.65	17209.57	17552.09	15134.30		17734.93		12.27142
	5	22448.28	18362.90	18030.79	18537.51	15980.54		18672.00		12.56831
	6	25568.21	22810.36	22574.84	23382.07	20473.55		22961.80		7.95144
	7	12781.94	11723.62	11680.43	12190.19	10754.85		11826.21		6.30722
	8	11826.30	10037.41	10306.98	10469.40	9239.53		10375.92		9.04490
Tetrachloro-m-xylene		381813.40	370792.78	323574.10	330119.12	310926.27		343445.13		9.03315
Decachlorobiphenyl(s		393788.52	356724.06	303152.09	300274.62	281047.76		326997.41		14.29393

Comments:
* = %RSD exceeded maximum upper limit. Non-linear curve used for quantitation.

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1660L1_00003A
Lab ID : SG1660L1_00003A
Inj Date : 14-DEC-2007 09:45
Operator : 615 12-17-07
Cpnd Sublist: AR16600S

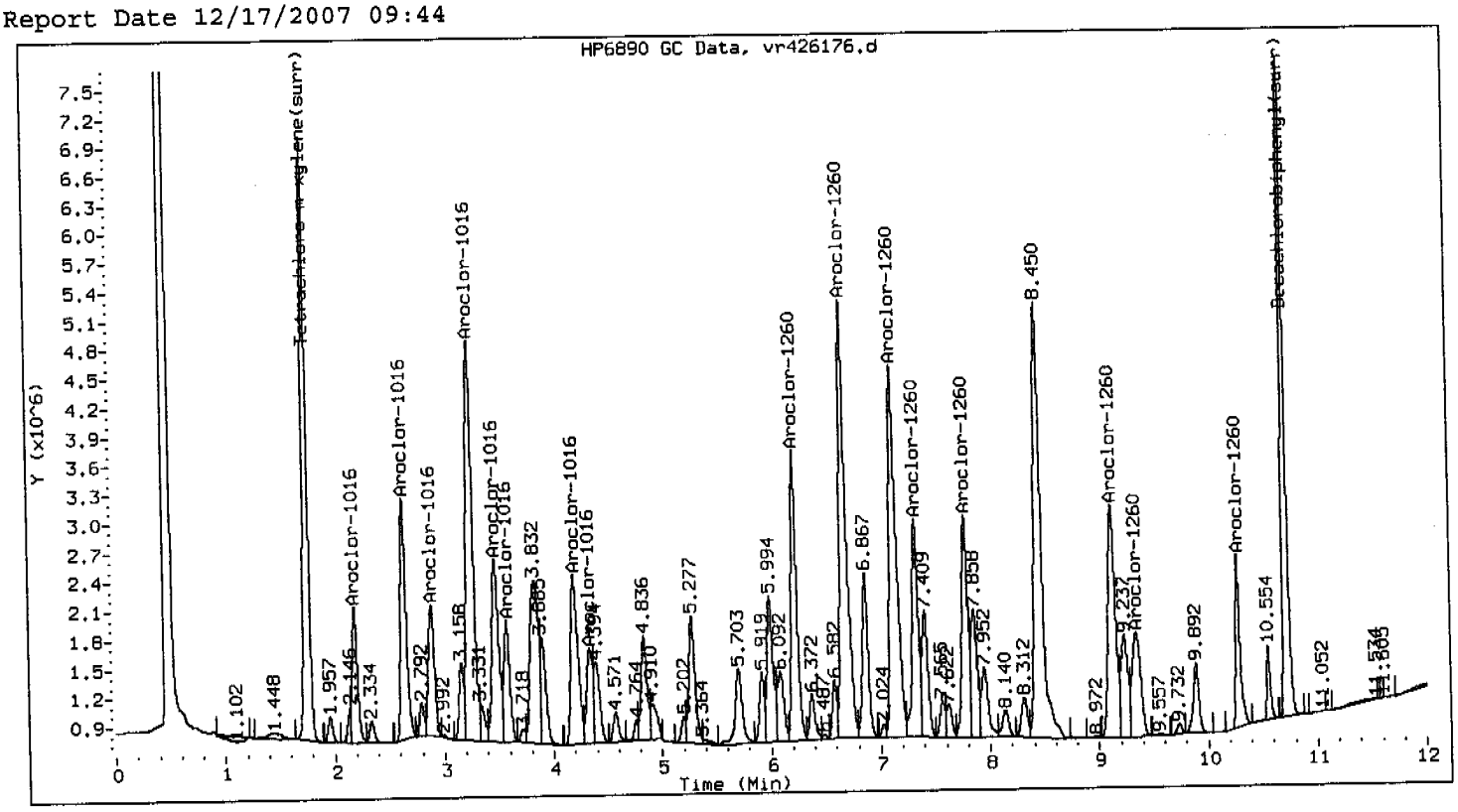
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_1

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.186	2.186	0.000	1158338	124.369	124.369
(2)		2.633	2.634	0.001	2128411	129.351	129.351
(3)		2.886	2.888	0.001	1239320	118.056	118.056
(4)		3.249	3.250	0.001	4307543	125.681	125.681
(5)		3.470	3.471	0.001	1646495	111.690	111.690
(6)		3.575	3.576	0.001	946029	105.946	105.946
(7)		4.190	4.191	0.001	2065314	129.850	129.850
(8)		4.334	4.336	0.002	857719	119.778	119.778
Average of peak concentrations:							120.00
Aroclor-1260	(M)	6.221	6.221	0.000	2614737	122.572	122.572
(2)		6.672	6.672	0.001	4821069	126.938	126.938
(3)		7.123	7.123	0.000	4173211	117.708	117.708
(4)		7.329	7.328	0.001	2117802	119.414	119.414
(5)		7.783	7.784	0.001	2244828	120.224	120.224
(6)		9.131	9.131	0.000	2556821	111.351	111.351

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.349	9.348	0.001	1278194	108.081	108.081
(8)	10.280	10.281	0.001	1182630	113.978	113.978
Average of peak concentrations:						120.00
Tetrachloro-m-xylene(surr)	1.749	1.750	0.001	9545335	27.793	27.793
Decachlorobiphenyl(surr)	10.713	10.713	0.001	9844713	30.106	30.106

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1660L2_00003A
Lab ID : SG1660L2_00003A
Inj Date : 14-DEC-2007 10:00
Operator : 615 12-17-07
Cpnd Sublist: AR16600S

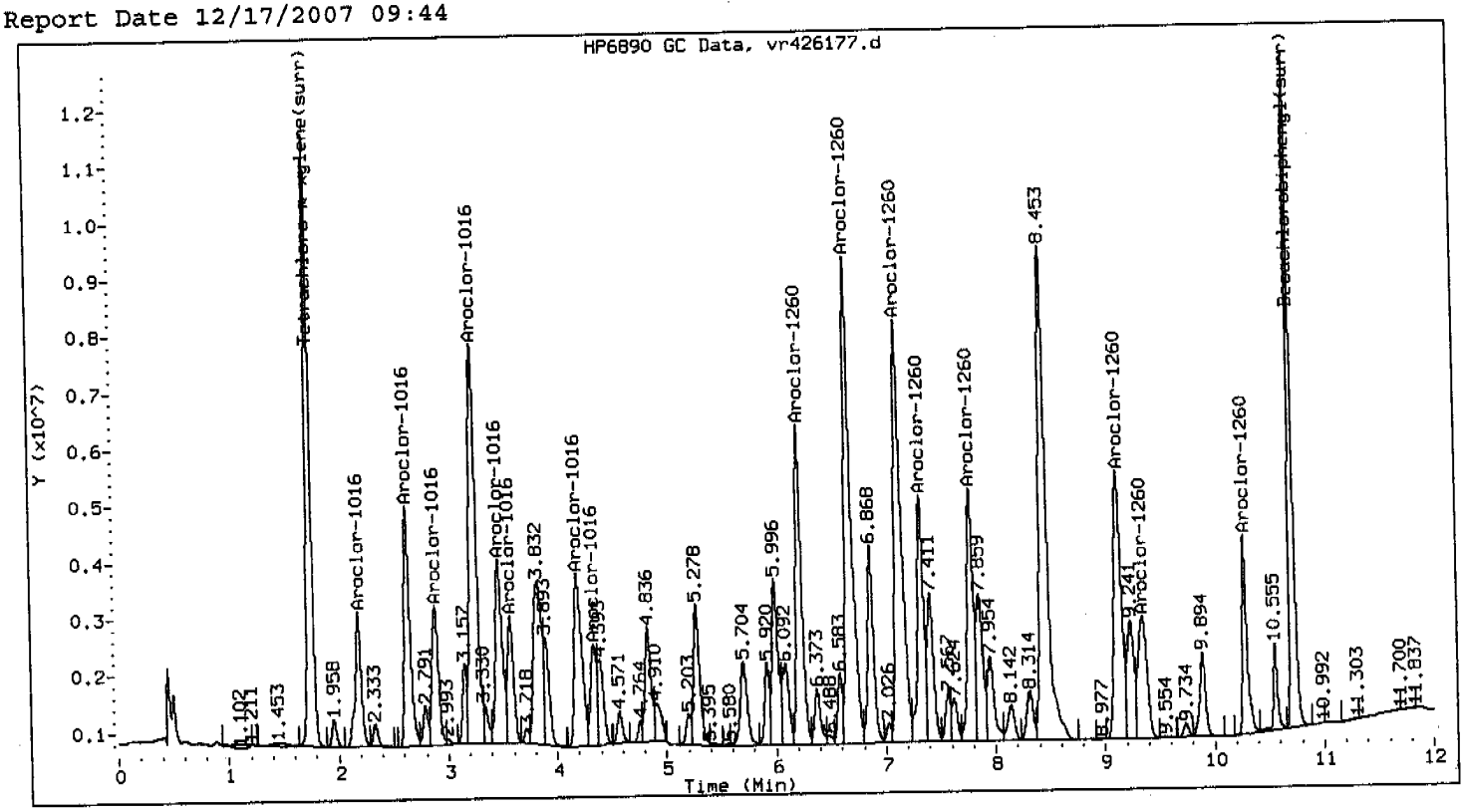
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_2

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.186	2.186	0.000	4643365	498.550	498.550
(2)		2.635	2.634	0.001	8666380	526.685	526.685
(3)		2.889	2.888	0.002	5314777	506.281	506.281
(4)		3.251	3.250	0.001	18671543	544.778	544.778
(5)		3.472	3.471	0.001	8071799	547.549	547.549
(6)		3.577	3.576	0.002	4730738	529.796	529.796
(7)		4.192	4.191	0.001	8413191	528.952	528.952
(8)		4.336	4.336	0.000	3767610	526.138	526.138
Average of peak concentrations:							530.00
Aroclor-1260		6.220	6.221	0.001	10821708	507.293	507.293
(2)		6.671	6.672	0.001	18885803	497.260	497.260
(3)		7.122	7.123	0.002	17568341	495.525	495.525
(4)		7.327	7.328	0.001	8800324	496.214	496.214
(5)		7.782	7.784	0.003	9181448	491.723	491.723
(6)		9.127	9.131	0.003	11405179	496.702	496.702

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.347	9.348	0.002	5861812	495.663	495.663
(8)	10.279	10.281	0.002	5018703	483.687	483.687
Average of peak concentrations:						500.00
Tetrachloro-m-xylene(surr)	1.751	1.750	0.001	18539639	53.981	53.981
Decachlorobiphenyl(surr)	10.712	10.713	0.000	17836203	54.545	54.545

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1660L3_00003C
Lab ID : SG1660L3_00003C
Inj Date : 14-DEC-2007 10:15
Operator : 615 12-17-07
Cpnd Sublist: AR16600S

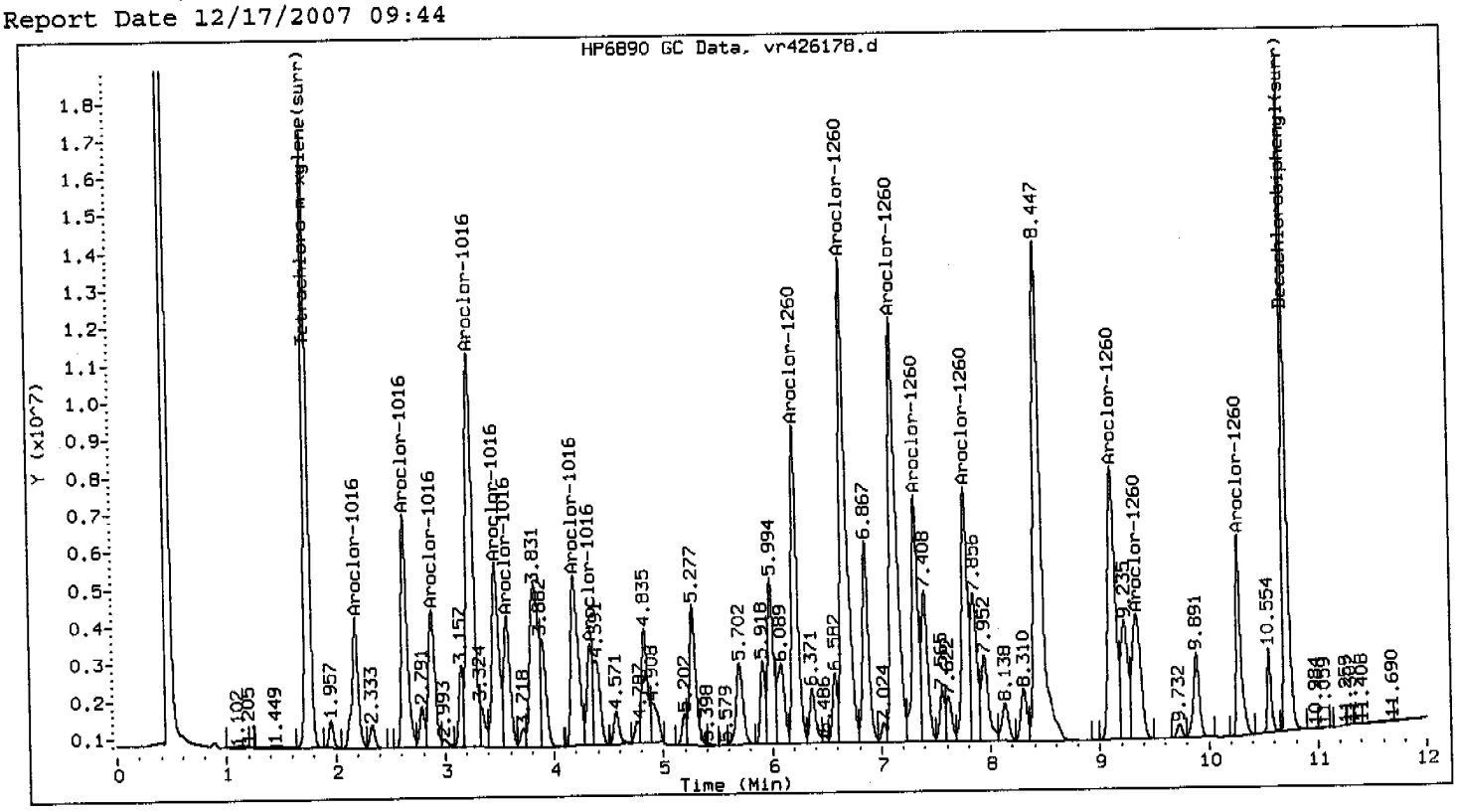
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.186	2.186	0.000	9058324	972.577	972.577
(2)		2.634	2.634	0.000	15387370	935.141	935.141
(3)		2.888	2.888	0.000	10143702	966.279	966.279
(4)		3.250	3.250	0.000	31900473	930.757	930.757
(5)		3.471	3.471	0.000	14051721	953.196	953.196
(6)		3.576	3.576	0.000	8450610	946.384	946.384
(7)		4.191	4.191	0.000	14604640	918.219	918.219
(8)		4.336	4.336	0.000	7037368	982.752	982.752
Average of peak concentrations:							950.00
Aroclor-1260		6.221	6.221	0.000	20646702	967.863	967.863
(2)		6.672	6.672	0.000	36248939	954.428	954.428
(3)		7.123	7.123	0.000	34531400	973.978	973.978
(4)		7.328	7.328	0.000	17209568	970.377	970.377
(5)		7.784	7.784	0.000	18030786	965.659	965.659
(6)		9.131	9.131	0.000	22574837	983.147	983.147

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.348	9.348	0.000	11680431	987.673	987.673
(8)	10.281	10.281	0.000	10306981	993.356	993.356
Average of peak concentrations:						970.00
Tetrachloro-m-xylene(surr)	1.750	1.750	0.000	32357410	94.214	94.214
Decachlorobiphenyl(surr)	10.713	10.713	0.000	30315209	92.708	92.708

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1660L4_00003C
Lab ID : SG1660L4_00003C
Inj Date : 14-DEC-2007 10:30
Operator : 615 12-17-07
Cpnd Sublist: AR16600S

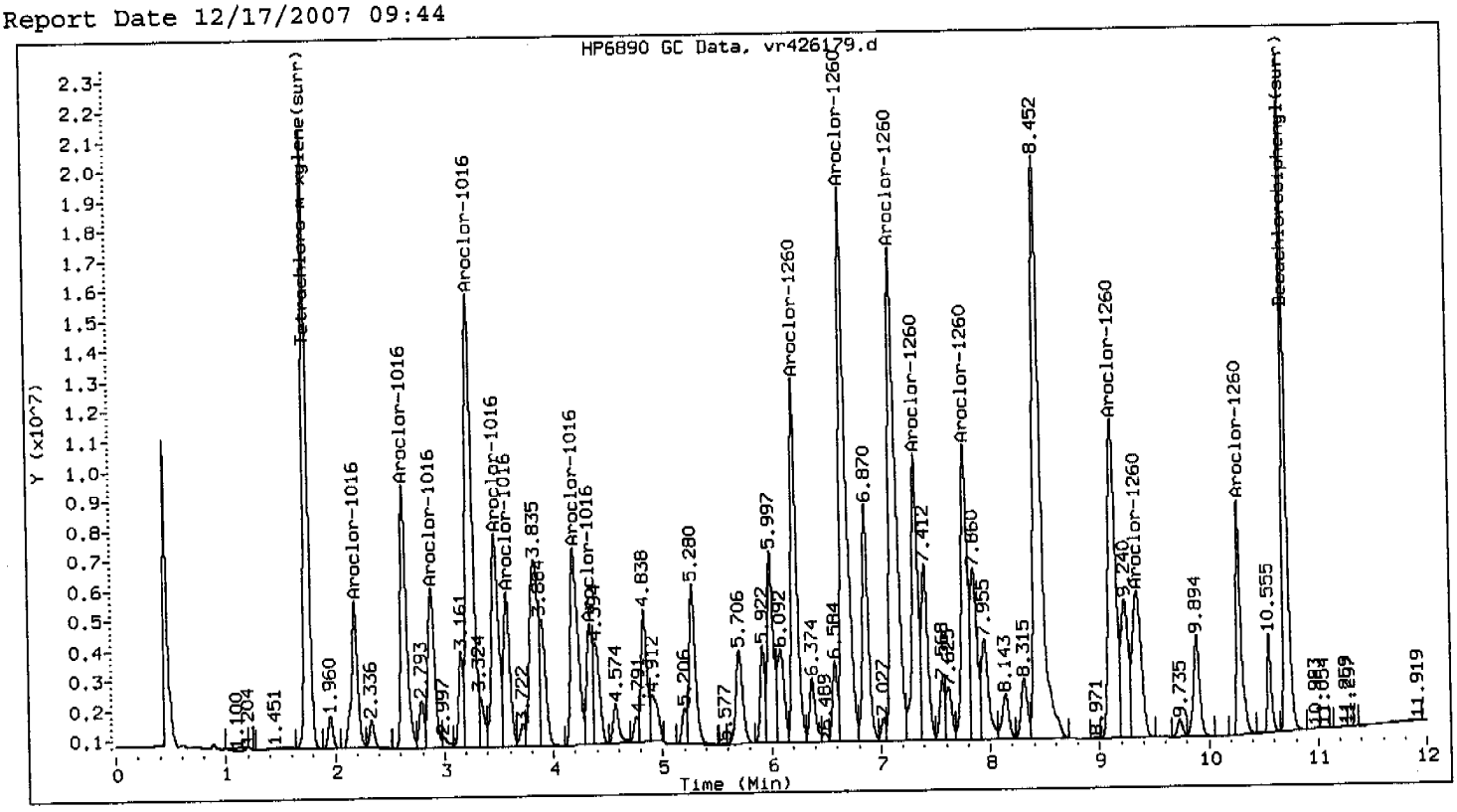
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_4

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.186	2.186	0.000	13485766	1447.944	1447.944
(2)		2.634	2.634	0.000	22897398	1391.550	1391.550
(3)		2.888	2.888	0.001	15502003	1476.706	1476.706
(4)		3.250	3.250	0.000	47705939	1391.912	1391.912
(5)		3.471	3.471	0.000	21764895	1476.418	1476.418
(6)		3.577	3.576	0.001	13735145	1538.200	1538.200
(7)		4.190	4.191	0.001	22031186	1385.138	1385.138
(8)		4.336	4.336	0.000	9756333	1362.449	1362.449
Average of peak concentrations:							1400.00
Aroclor-1260		6.219	6.221	0.002	30862068	1446.732	1446.732
(2)		6.670	6.672	0.002	54593170	1437.428	1437.428
(3)		7.121	7.123	0.003	52922183	1492.701	1492.701
(4)		7.326	7.328	0.003	26328139	1484.536	1484.536
(5)		7.780	7.784	0.004	27806272	1489.196	1489.196
(6)		9.126	9.131	0.005	35073110	1527.454	1527.454

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.344	9.348	0.004	18285291	1546.167	1546.167
(8)	10.278	10.281	0.003	15704096	1513.513	1513.513
Average of peak concentrations:						1500.00
Tetrachloro-m-xylene(surr)	1.750	1.750	0.000	49517868	144.180	144.180
Decachlorobiphenyl(surr)	10.712	10.713	0.001	45041193	137.742	137.742

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1660L5_00003C
Lab ID : SG1660L5_00003C
Inj Date : 14-DEC-2007 10:46
Operator : 615 12-17-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_5

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.187	2.186	0.002	19124282	2053.343	2053.343
(2)		2.637	2.634	0.002	32509496	1975.709	1975.709
(3)		2.891	2.888	0.003	22468333	2140.312	2140.312
(4)		3.253	3.250	0.003	68113713	1987.347	1987.347
(5)		3.474	3.471	0.003	31345628	2126.325	2126.325
(6)		3.580	3.576	0.004	20294212	2272.750	2272.750
(7)		4.194	4.191	0.003	31888549	2004.887	2004.887
(8)		4.339	4.336	0.003	15376016	2147.224	2147.224
Average of peak concentrations:							2100.00
Aroclor-1260		6.222	6.221	0.001	44122715	2068.357	2068.357
(2)		6.672	6.672	0.001	78180144	2058.469	2058.469
(3)		7.123	7.123	0.000	76470606	2156.898	2156.898
(4)		7.329	7.328	0.001	37835761	2133.404	2133.404
(5)		7.784	7.784	0.000	39951342	2139.639	2139.639
(6)		9.130	9.131	0.001	51183863	2229.087	2229.087

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.349	9.348	0.001	26887116	2273.520	2273.520
(8)	10.281	10.281	0.000	23098827	2226.195	2226.195
Average of peak concentrations:						2200.00
Tetrachloro-m-xylene(surr)	1.752	1.750	0.002	62185254	181.063	181.063
Decachlorobiphenyl(surr)	10.712	10.713	0.000	56209551	171.896	171.896

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS INITIAL CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

Calibration Files:

/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426175.d
/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426176.d
/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426178.d
/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426179.d

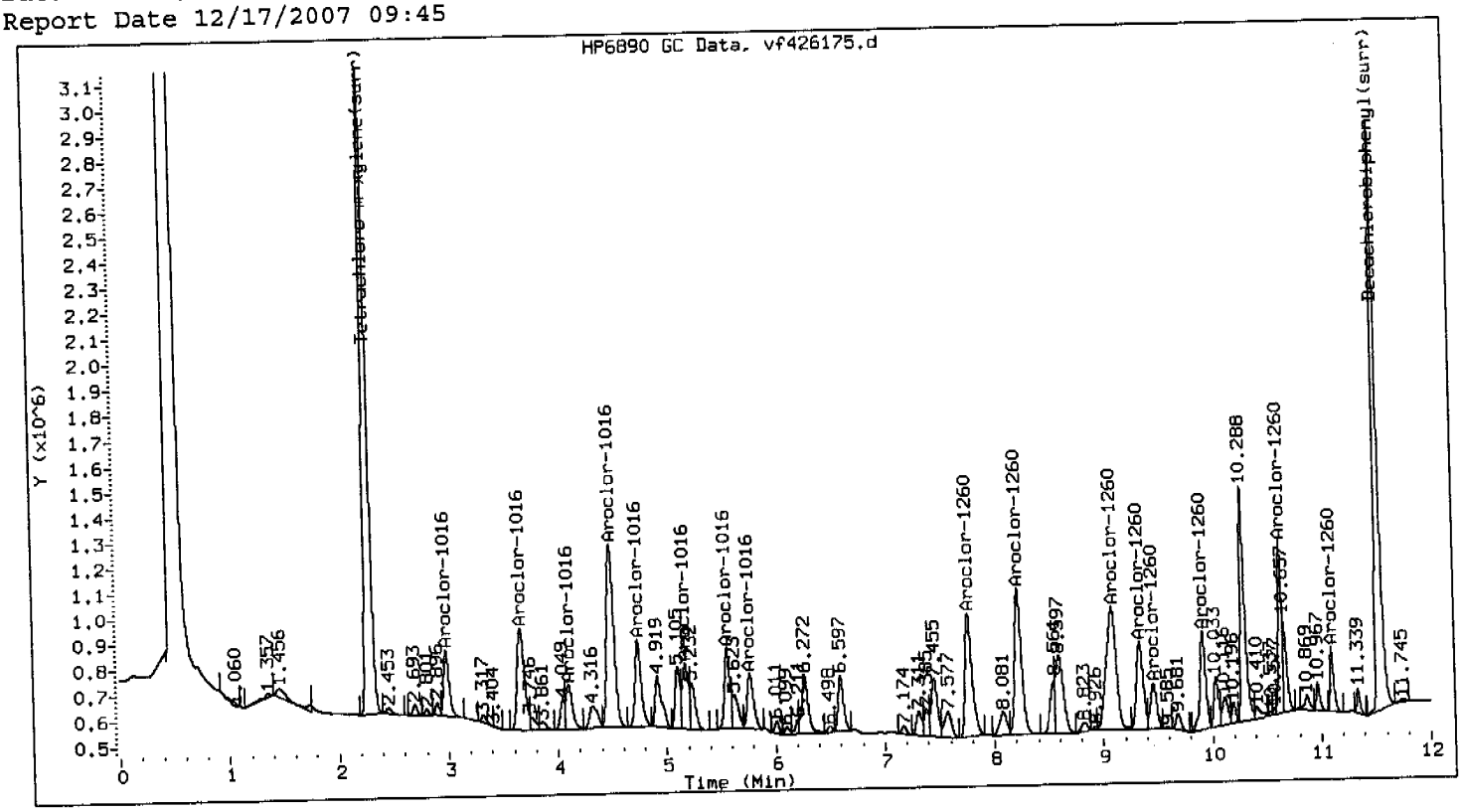
Compound		Level 1	Level 2	Level 3	Level 4	Level 5	Coefficients a0	a1	a2	%RSD or R^2
Aroclor-1016	1	8858.47	8234.93	7114.58	7140.50	6180.95		7505.89		13.97802
	2	18459.20	18103.17	16003.20	16111.42	13747.75		16484.95		11.50176
	3	6943.60	6549.34	6409.82	6606.64	5665.90		6435.06		7.34392
	4	32862.22	30869.87	28169.66	28720.58	24540.51		29032.57		10.76377
	5	13573.27	12770.51	12275.82	12616.13	10557.46		12358.64		9.01247
	6	9271.51	8623.40	7770.91	8061.33	6885.38		8122.51		11.06142
	7	11191.66	10104.98	9052.64	9238.54	7719.07		9461.38		13.63855
	8	8929.66	9137.85	8573.52	9230.33	7807.77		8735.83		6.60408
Aroclor-1260	1	21001.82	18988.55	18972.82	19610.64	17155.78		19145.92		7.23525
	2	24957.95	22014.96	21658.69	22338.83	19521.10		22098.31		8.78572
	3	31111.38	29641.05	29967.76	31372.21	27851.34		29988.75		4.67559
	4	15073.00	14130.62	13967.87	14399.97	12676.53		14049.60		6.23421
	5	6940.75	7488.46	7652.87	7935.46	7178.56		7439.22		5.25258
	6	13856.82	13483.47	13683.75	14518.70	12932.87		13695.12		4.21107
	7	15736.09	14725.64	14348.51	15793.99	12783.96		14677.64		8.38813
	8	5792.90	5600.22	5731.15	6171.71	5672.18		5793.63		3.84989
Tetrachloro-m-xylene		329407.52	333507.48	307583.83	323274.62	307723.35		320299.36		3.77922
Decachlorobiphenyl(s		257822.96	246061.36	216980.50	222850.93	211980.99		231139.35		8.57373

Comments:

* = %RSD exceeded maximum upper limit. Non-linear curve used for quantitation.

+ = Multi-component peak not used in calibration of compound.

Report Date 12/17/2007 09:45



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1660L1_00003A
Lab ID : SG1660L1_00003A
Inj Date : 14-DEC-2007 09:45
Operator : 615 (12-17-07)
Cpnd Sublist: AR16600S

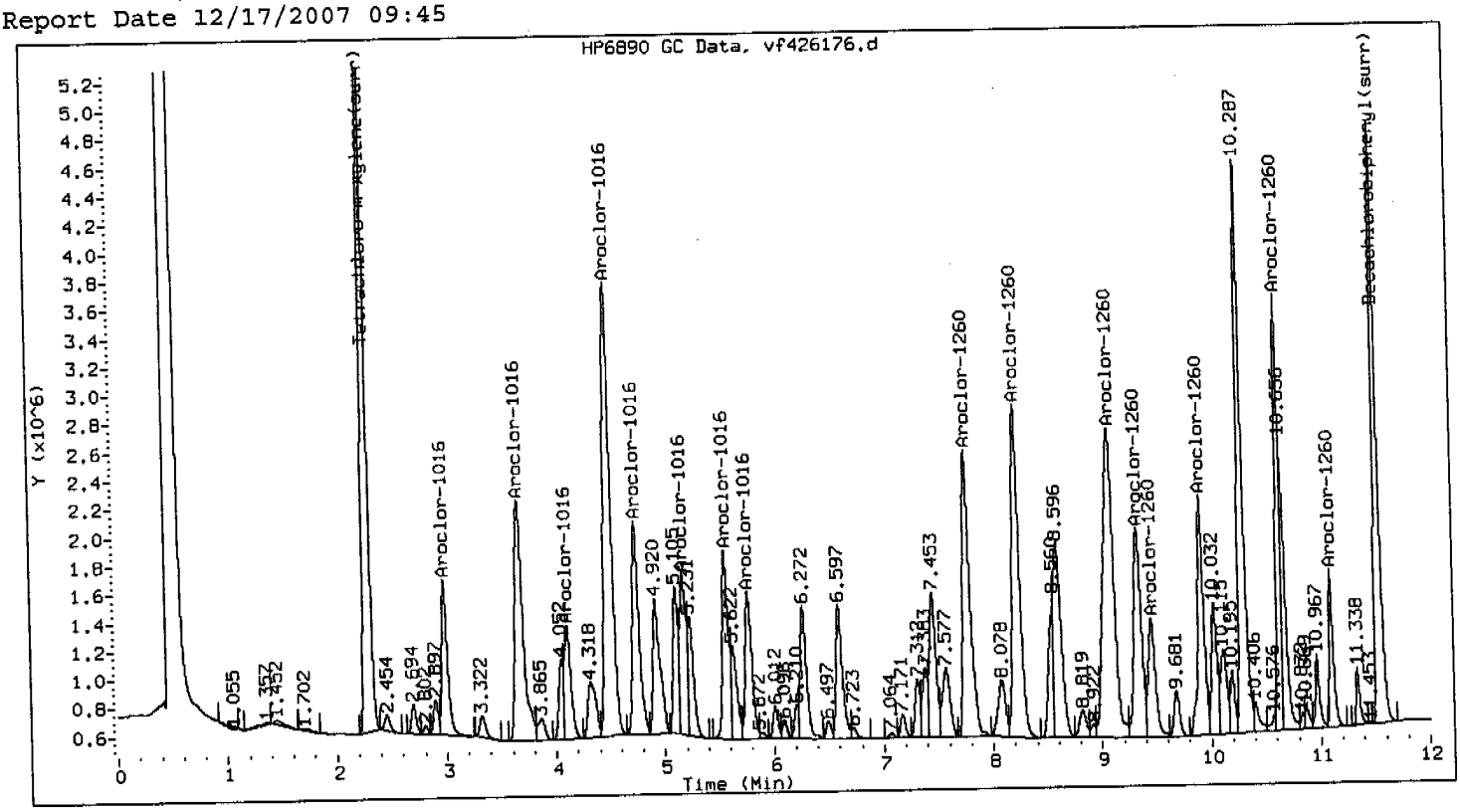
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_1

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.982	2.983	0.000	885847	118.020	118.020
(2)		3.664	3.667	0.003	1845920	111.976	111.976
(3)		4.105	4.107	0.002	694360	107.903	107.903
(4)		4.496	4.498	0.002	3286222	113.191	113.191
(5)		4.741	4.742	0.001	1357327	109.828	109.828
(6)		5.173	5.175	0.002	927151	114.146	114.146
(7)		5.559	5.562	0.003	1119166	118.288	118.288
(8)		5.768	5.770	0.002	892966	102.219	102.219
Average of peak concentrations:							110.00
Aroclor-1260	(M)	7.767	7.768	0.001	2100182	109.693	109.693
(2)		8.222	8.223	0.001	2495795	112.941	112.941
(3)		9.086	9.088	0.002	3111138	103.744	103.744
(4)		9.337	9.338	0.001	1507300	107.284	107.284
(5)		9.461	9.463	0.002	694075	93.299	93.299
(6)		9.916	9.919	0.003	1385682	101.181	101.181

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.631	10.633	0.001	1573609	107.211	107.211
(8)	11.096	11.098	0.001	579290	99.987	99.987
Average of peak concentrations:						100.00
Tetrachloro-m-xylene(surr)	2.280	2.281	0.001	8235188	25.711	25.711
Decachlorobiphenyl(surr)	11.526	11.524	0.002	6445574	27.886	27.886

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1660L2_00003A
Lab ID : SG1660L2_00003A
Inj Date : 14-DEC-2007 10:00
Operator : 615 12-17-07
Cpnd Sublist: AR16600S

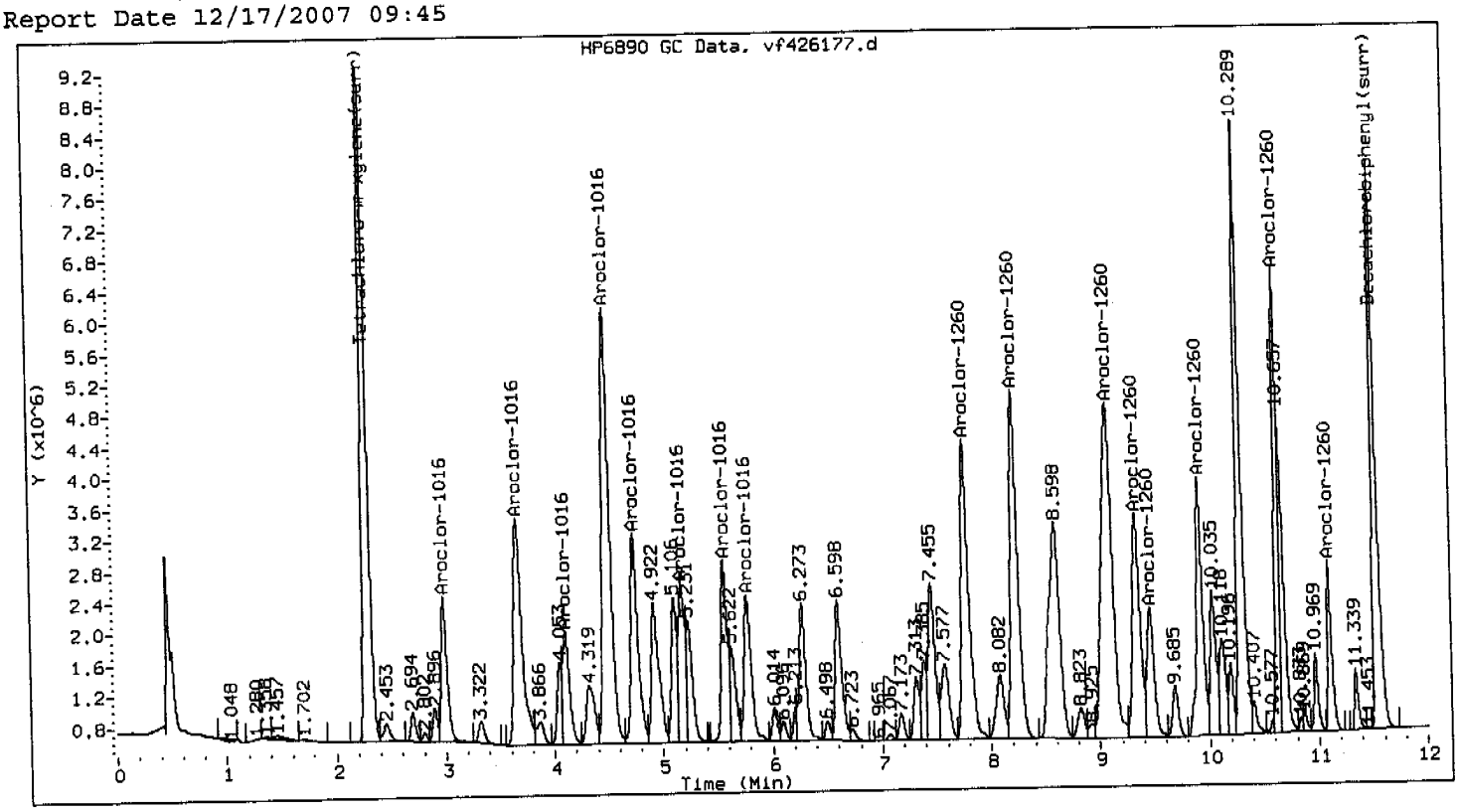
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_2

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.984	2.983	0.002	4117463	548.565	548.565
(2)		3.667	3.667	0.000	9051585	549.082	549.082
(3)		4.107	4.107	0.000	3274669	508.879	508.879
(4)		4.497	4.498	0.001	15434935	531.642	531.642
(5)		4.742	4.742	0.000	6385254	516.663	516.663
(6)		5.174	5.175	0.001	4311701	530.834	530.834
(7)		5.561	5.562	0.001	5052492	534.012	534.012
(8)		5.768	5.770	0.002	4568925	523.010	523.010
Average of peak concentrations:							530.00
Aroclor-1260	(M)	7.767	7.768	0.002	9494277	495.890	495.890
(2)		8.222	8.223	0.002	11007481	498.114	498.114
(3)		9.085	9.088	0.003	14820527	494.203	494.203
(4)		9.335	9.338	0.003	7065308	502.883	502.883
(5)		9.459	9.463	0.003	3744231	503.310	503.310
(6)		9.916	9.919	0.003	6741737	492.273	492.273

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.632	10.633	0.001	7362820	501.635	501.635
(8)	11.097	11.098	0.001	2800112	483.308	483.308
Average of peak concentrations:						500.00
Tetrachloro-m-xylene(surr)	2.281	2.281	0.000	16675374	52.062	52.062
Decachlorobiphenyl(surr)	11.525	11.524	0.001	12303068	53.228	53.228

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1660L3_00003C
Lab ID : SG1660L3_00003C
Inj Date : 14-DEC-2007 10:15
Operator : 615
Cpnd Sublist: AR16600S 12-17-07

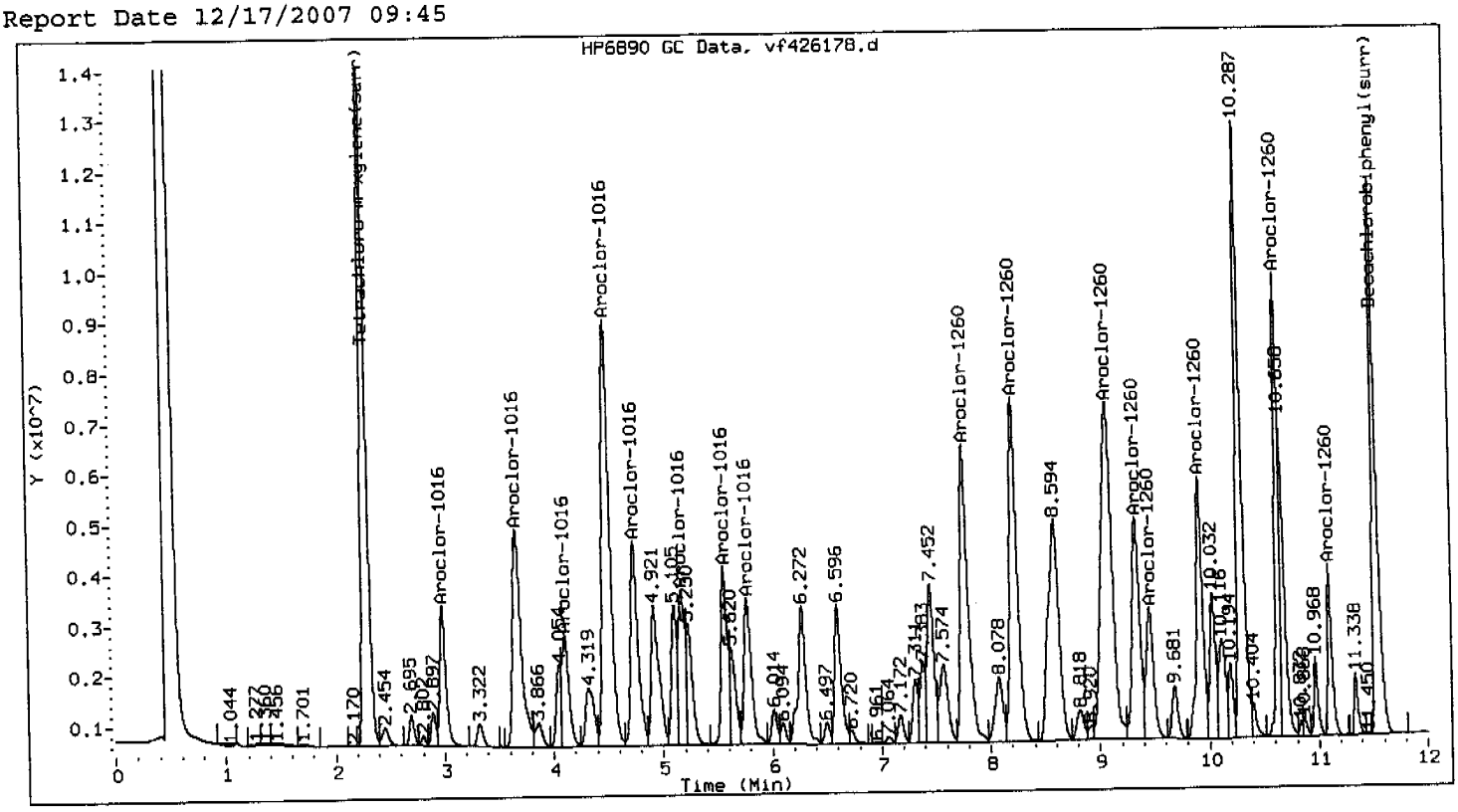
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.983	2.983	0.000	7114577	947.866	947.866
(2)		3.667	3.667	0.000	16003205	970.777	970.777
(3)		4.107	4.107	0.000	6409819	996.078	996.078
(4)		4.498	4.498	0.000	28169658	970.278	970.278
(5)		4.742	4.742	0.000	12275819	993.299	993.299
(6)		5.175	5.175	0.000	7770913	956.714	956.714
(7)		5.562	5.562	0.000	9052636	956.799	956.799
(8)		5.770	5.770	0.000	8573523	981.421	981.421
Average of peak concentrations:							970.00
Aroclor-1260	(M)	7.768	7.768	0.000	18972824	990.959	990.959
(2)		8.223	8.223	0.000	21658689	980.106	980.106
(3)		9.088	9.088	0.000	29967758	999.300	999.300
(4)		9.338	9.338	0.000	13967866	994.183	994.183
(5)		9.463	9.463	0.000	7652870	1028.719	1028.719
(6)		9.919	9.919	0.000	13683755	999.170	999.170

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.633	10.633	0.000	14348512	977.576	977.576
(8)	11.098	11.098	0.000	5731154	989.216	989.216
Average of peak concentrations:						990.00
Tetrachloro-m-xylene(surr)	2.281	2.281	0.000	30758383	96.030	96.030
Decachlorobiphenyl(surr)	11.524	11.524	0.000	21698050	93.874	93.874

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1660L4_00003C
Lab ID : SG1660L4_00003C
Inj Date : 14-DEC-2007 10:30
Operator : 615
Cpnd Sublist: AR16600S

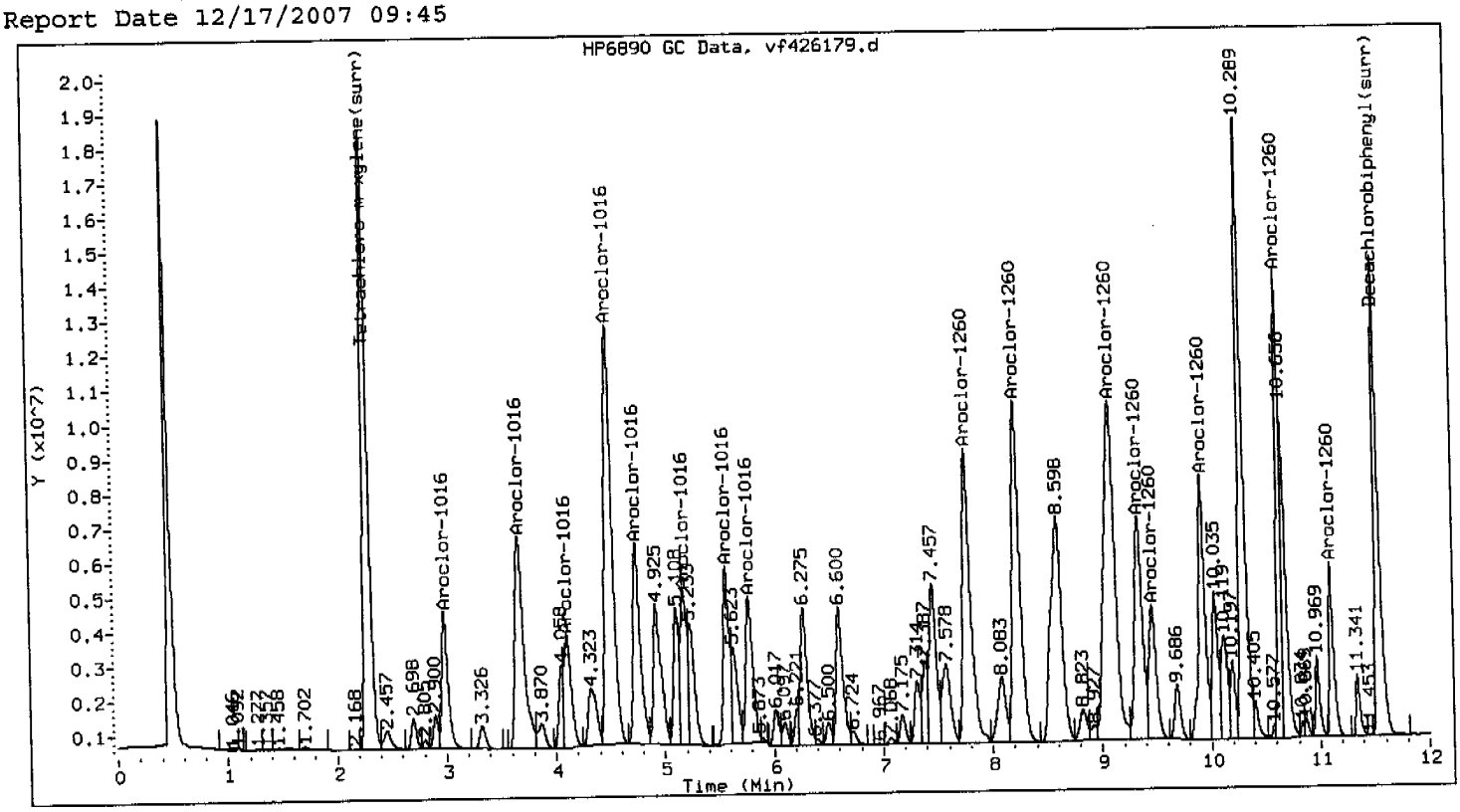
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_4

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.983	2.983	0.001	10710757	1426.981	1426.981
(2)		3.667	3.667	0.000	24167133	1466.012	1466.012
(3)		4.106	4.107	0.001	9909957	1539.995	1539.995
(4)		4.497	4.498	0.001	43080876	1483.881	1483.881
(5)		4.742	4.742	0.000	18924202	1531.253	1531.253
(6)		5.173	5.175	0.002	12092002	1488.703	1488.703
(7)		5.561	5.562	0.001	13857808	1464.671	1464.671
(8)		5.769	5.770	0.001	13845497	1584.910	1584.910
Average of peak concentrations:							1500.00
Aroclor-1260	(M)	7.765	7.768	0.003	29415957	1536.408	1536.408
(2)		8.220	8.223	0.003	33508247	1516.326	1516.326
(3)		9.083	9.088	0.005	47058313	1569.199	1569.199
(4)		9.334	9.338	0.004	21599955	1537.407	1537.407
(5)		9.458	9.463	0.004	11903196	1600.059	1600.059
(6)		9.916	9.919	0.003	21778054	1590.205	1590.205

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.632	10.633	0.001	23690981	1614.087	1614.087
(8)	11.097	11.098	0.001	9257564	1597.885	1597.885
Average of peak concentrations:						1600.00
Tetrachloro-m-xylene(surr)	2.281	2.281	0.000	48491193	151.393	151.393
Decachlorobiphenyl(surr)	11.523	11.524	0.001	33427639	144.621	144.621

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1660L5_00003C
Lab ID : SG1660L5_00003C
Inj Date : 14-DEC-2007 10:46
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_5

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.987	2.983	0.004	15452374	2058.701	2058.701
(2)		3.671	3.667	0.004	34369380	2084.894	2084.894
(3)		4.110	4.107	0.003	14164762	2201.186	2201.186
(4)		4.501	4.498	0.002	61351274	2113.188	2113.188
(5)		4.746	4.742	0.004	26393657	2135.644	2135.644
(6)		5.177	5.175	0.002	17213443	2119.228	2119.228
(7)		5.564	5.562	0.002	19297669	2039.626	2039.626
(8)		5.773	5.770	0.003	19519435	2234.412	2234.412
Average of peak concentrations:							2100.00
Aroclor-1260	(M)	7.769	7.768	0.001	42889441	2240.134	2240.134
(2)		8.224	8.223	0.001	48802754	2208.439	2208.439
(3)		9.089	9.088	0.001	69628348	2321.816	2321.816
(4)		9.339	9.338	0.001	31691326	2255.675	2255.675
(5)		9.462	9.463	0.000	17946399	2412.403	2412.403
(6)		9.919	9.919	0.000	32332179	2360.853	2360.853

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.632	10.633	0.000	31959891	2177.455	2177.455
(8)	11.098	11.098	0.001	14180459	2447.593	2447.593
Average of peak concentrations:						2300.00
Tetrachloro-m-xylene(surr)	2.283	2.281	0.002	61544671	192.147	192.147
Decachlorobiphenyl(surr)	11.526	11.524	0.002	42396199	183.423	183.423

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

Midpoint Calibration File:

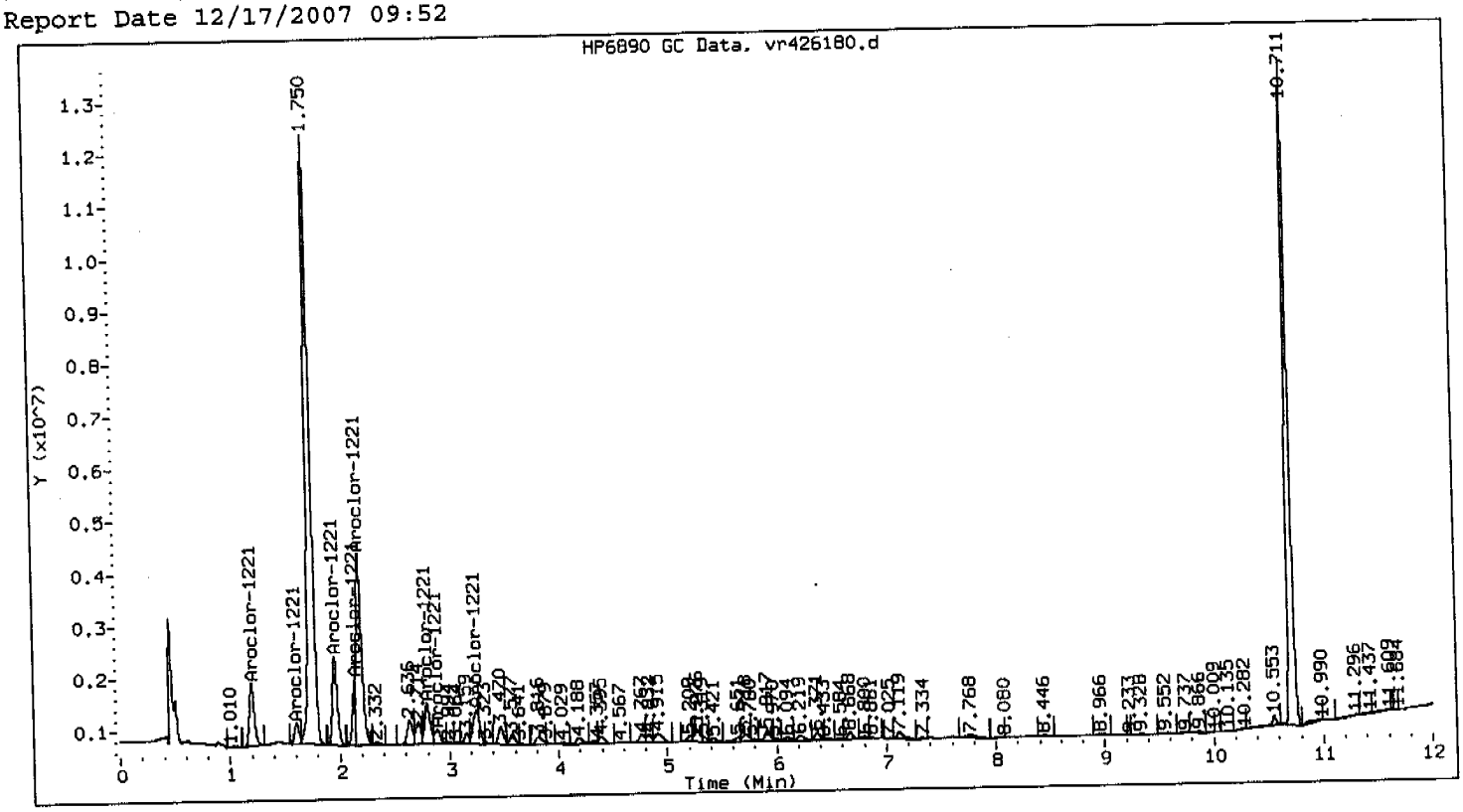
/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426180.d

Compound	Midpoint Standard Response Factor
Aroclor-1221	3708.28
2	1168.76
3	5114.35
4	2073.84
5	12833.67
6	2587.10
7	963.16
8	2743.61

Comments:

+ = Multi-component peak not used in calibration of compound.

Report Date 12/17/2007 09:52



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1221L3_00004C
Lab ID : SG1221L3_00004C
Inj Date : 14-DEC-2007 11:01
Operator : 615 R 12-17-07
Cpnd Sublist: AR12210

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1221	(M)	1.200	1.200	0.000	3708278	1000.000	1000.000
(2)		1.605	1.605	0.000	1168757	1000.000	1000.000
(3)		1.959	1.959	0.000	5114351	1000.000	1000.000
(4)		2.143	2.143	0.000	2073844	1000.000	1000.000
(5)		2.186	2.186	0.000	12833673	1000.000	1000.000
(6)		2.796	2.796	0.000	2587097	1000.000	1000.000
(7)		2.889	2.889	0.000	963164	1000.000	1000.000
(8)		3.252	3.252	0.000	2743605	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

Midpoint Calibration File:

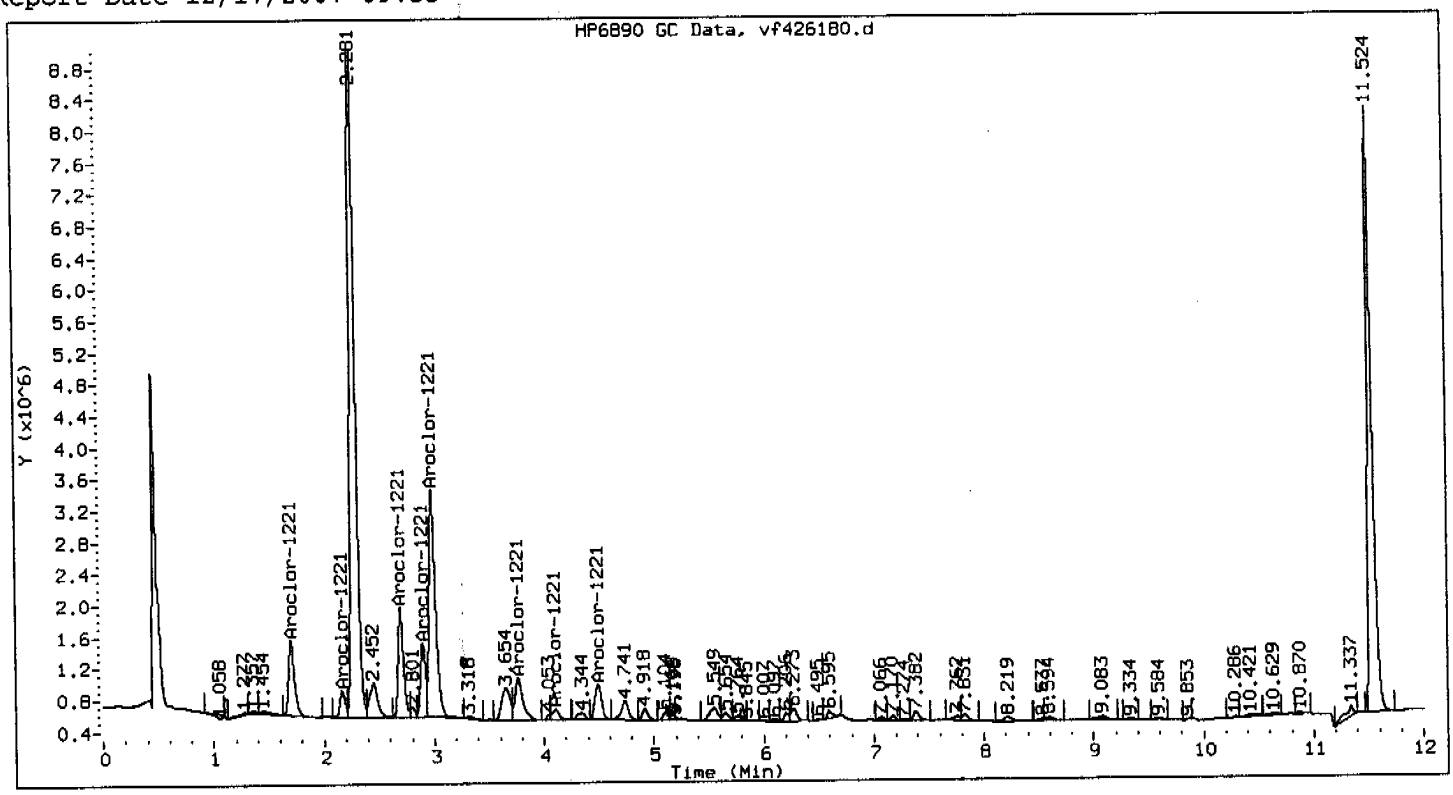
/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426180.d

Compound	Midpoint Standard Response Factor
Aroclor-1221	3458.62
2	1158.56
3	4648.66
4	2957.35
5	11633.25
6	2699.26
7	606.24
8	1961.19

Comments:

+ = Multi-component peak not used in calibration of compound.

Report Date 12/17/2007 09:53



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1221L3_00004C
Lab ID : SG1221L3_00004C
Inj Date : 14-DEC-2007 11:01
Operator : 615 12-17-07
Cpnd Sublist: AR12210

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1221	(M)	1.701	1.701	0.000	3458621	1000.000	1000.000
(2)		2.166	2.166	0.000	1158557	1000.000	1000.000
(3)		2.696	2.696	0.000	4648663	1000.000	1000.000
(4)		2.898	2.898	0.000	2957350	1000.000	1000.000
(5)		2.985	2.985	0.000	11633245	1000.000	1000.000
(6)		3.766	3.766	0.000	2699259	1000.000	1000.000
(7)		4.106	4.106	0.000	606236	1000.000	1000.000
(8)		4.496	4.496	0.000	1961191	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

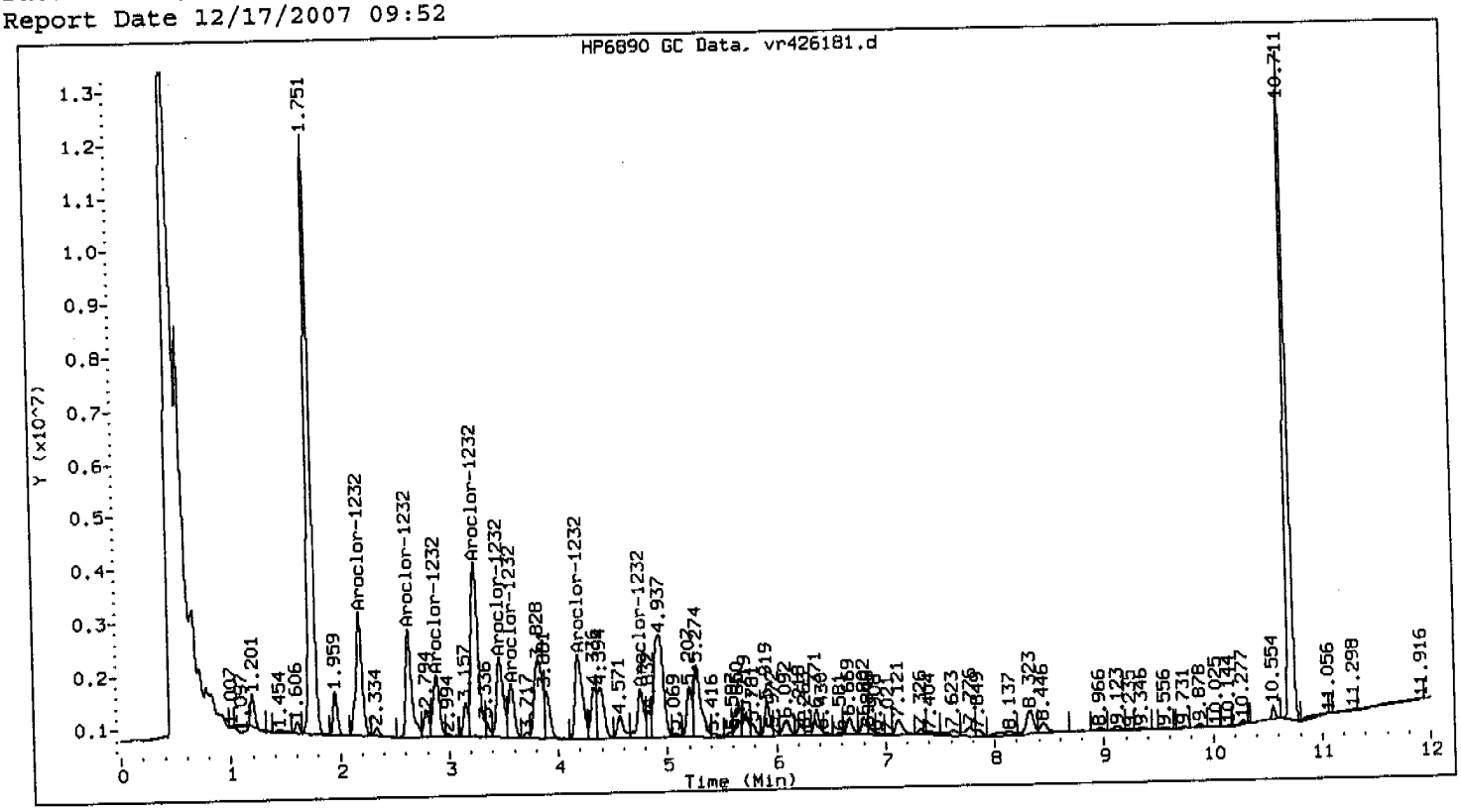
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426181.d

Compound	Midpoint Standard Response Factor
Aroclor-1232	8758.14
2	7681.58
3	4689.36
4	14759.36
5	6311.33
6	3744.79
7	7451.27
8	3666.37

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1232L3_00003C
Lab ID : SG1232L3_00003C
Inj Date : 14-DEC-2007 11:16
Operator : 615
Cpnd Sublist: AR12320

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

12-17-07

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1232	(M)	2.186	2.186	0.000	8758143	1000.000	1000.000
(2)		2.635	2.635	0.000	7681584	1000.000	1000.000
(3)		2.889	2.889	0.000	4689363	1000.000	1000.000
(4)		3.251	3.251	0.000	14759361	1000.000	1000.000
(5)		3.471	3.471	0.000	6311326	1000.000	1000.000
(6)		3.577	3.577	0.000	3744788	1000.000	1000.000
(7)		4.191	4.191	0.000	7451265	1000.000	1000.000
(8)		4.762	4.762	0.000	3666366	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

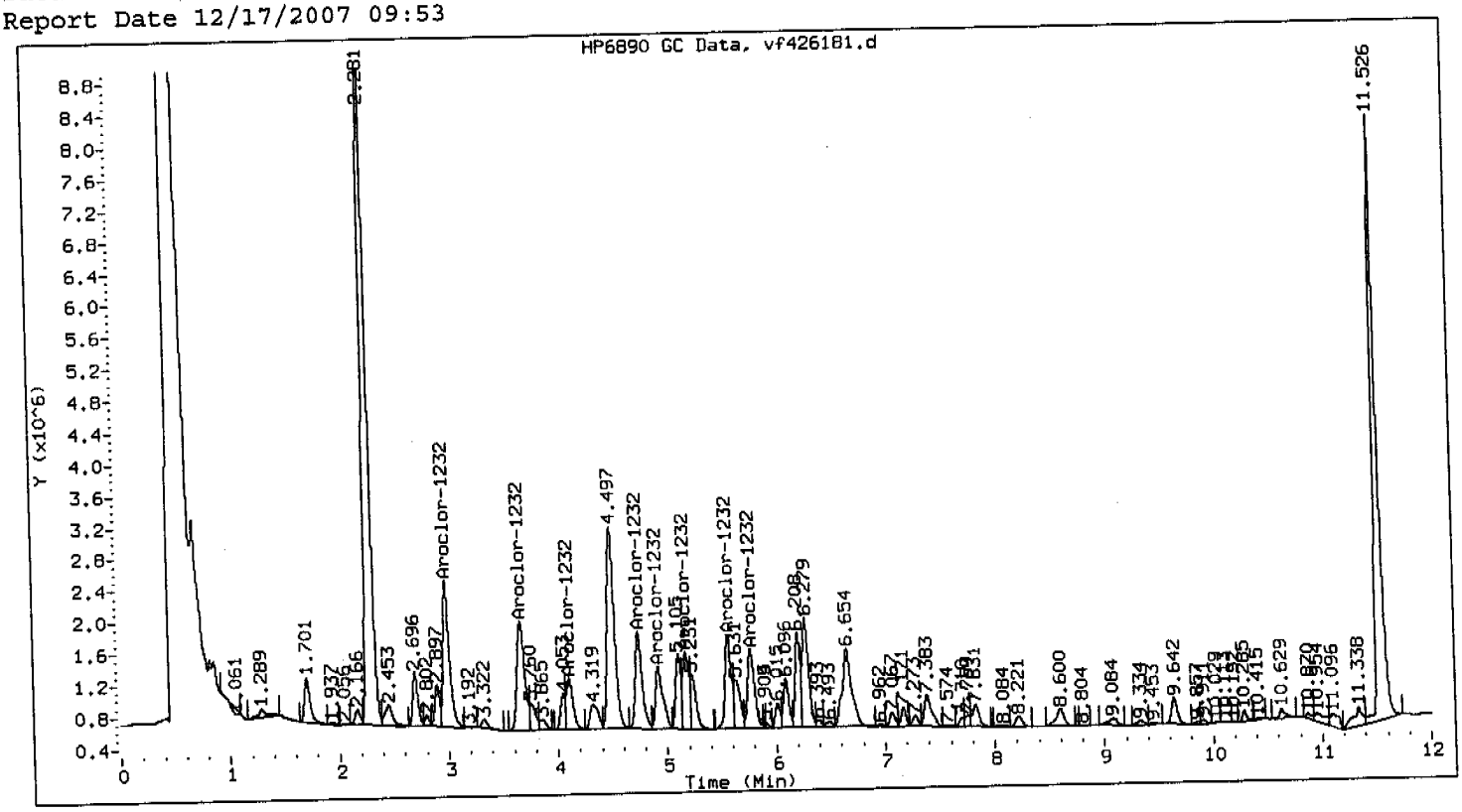
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426181.d

Compound	Midpoint Standard Response Factor
Aroclor-1232	7264.93
2	6826.55
3	2718.26
4	5305.45
5	3682.26
6	3756.87
7	4563.05
8	4324.03

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1232L3_00003C
Lab ID : SG1232L3_00003C
Inj Date : 14-DEC-2007 11:16
Operator : 615 12-17-07
Cpnd Sublist: AR12320

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1232	(M)	2.985	2.985	0.000	7264928	1000.000	1000.000
(2)		3.666	3.666	0.000	6826549	1000.000	1000.000
(3)		4.106	4.106	0.000	2718265	1000.000	1000.000
(4)		4.741	4.741	0.000	5305450	1000.000	1000.000
(5)		4.920	4.920	0.000	3682261	1000.000	1000.000
(6)		5.174	5.174	0.000	3756868	1000.000	1000.000
(7)		5.561	5.561	0.000	4563050	1000.000	1000.000
(8)		5.768	5.768	0.000	4324029	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

Midpoint Calibration File:

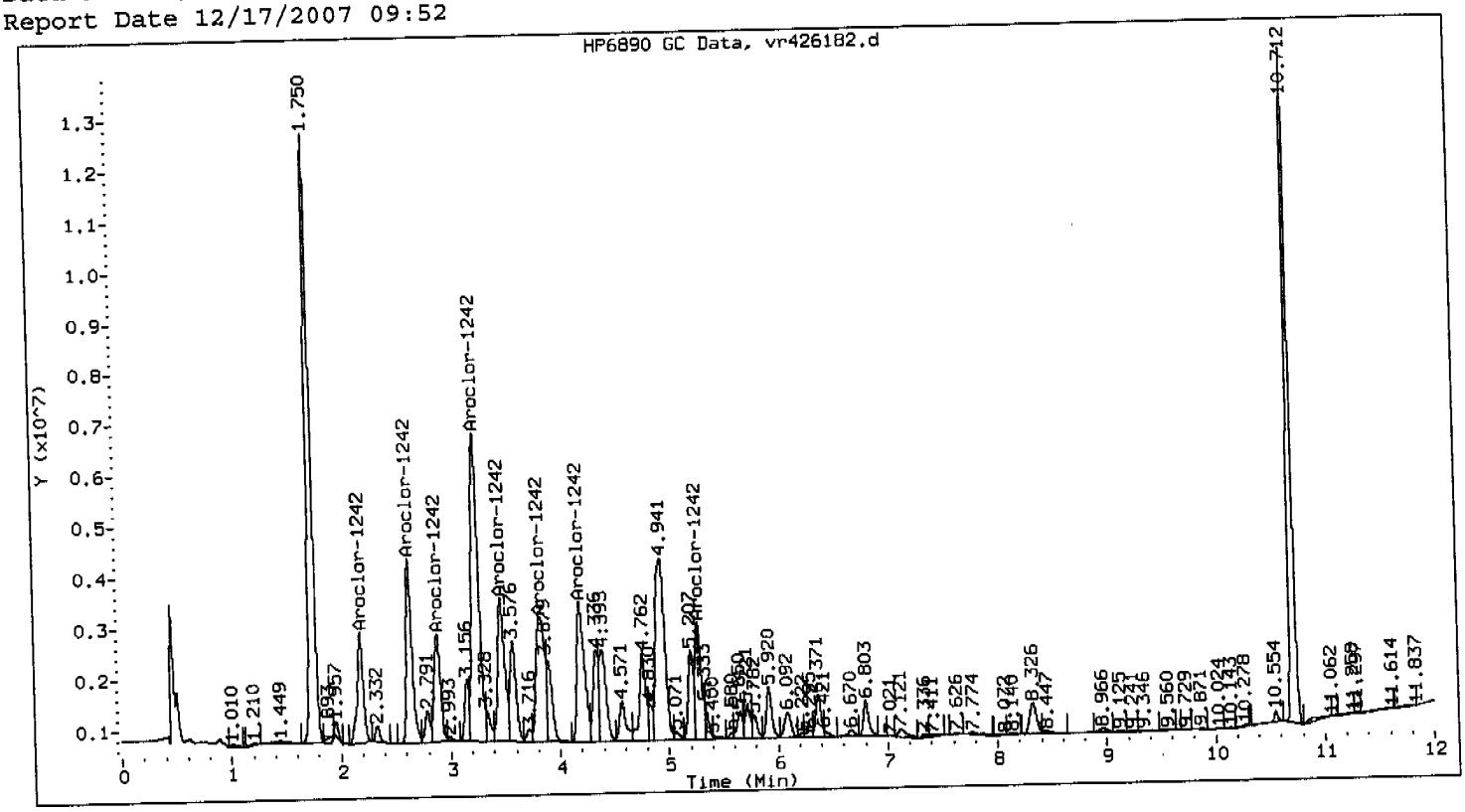
/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426182.d

Compound		Midpoint Standard Response Factor
Aroclor-1242		8078.13
	2	13197.75
	3	8765.70
	4	27399.17
	5	12202.11
	6	13134.37
	7	13217.98
	8	9028.62

Comments:

+ = Multi-component peak not used in calibration of compound.

Report Date 12/17/2007 09:52



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1242L3_00003C
Lab ID : SG1242L3_00003C
Inj Date : 14-DEC-2007 11:31
Operator : 615
Cpnd Sublist: AR12420 12-17-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1242	(M)	2.186	2.186	0.000	8078129	1000.000	1000.000
(2)		2.634	2.634	0.000	13197752	1000.000	1000.000
(3)		2.888	2.888	0.000	8765701	1000.000	1000.000
(4)		3.250	3.250	0.000	27399172	1000.000	1000.000
(5)		3.470	3.470	0.000	12202112	1000.000	1000.000
(6)		3.831	3.831	0.000	13134369	1000.000	1000.000
(7)		4.191	4.191	0.000	13217984	1000.000	1000.000
(8)		5.275	5.275	0.000	9028618	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

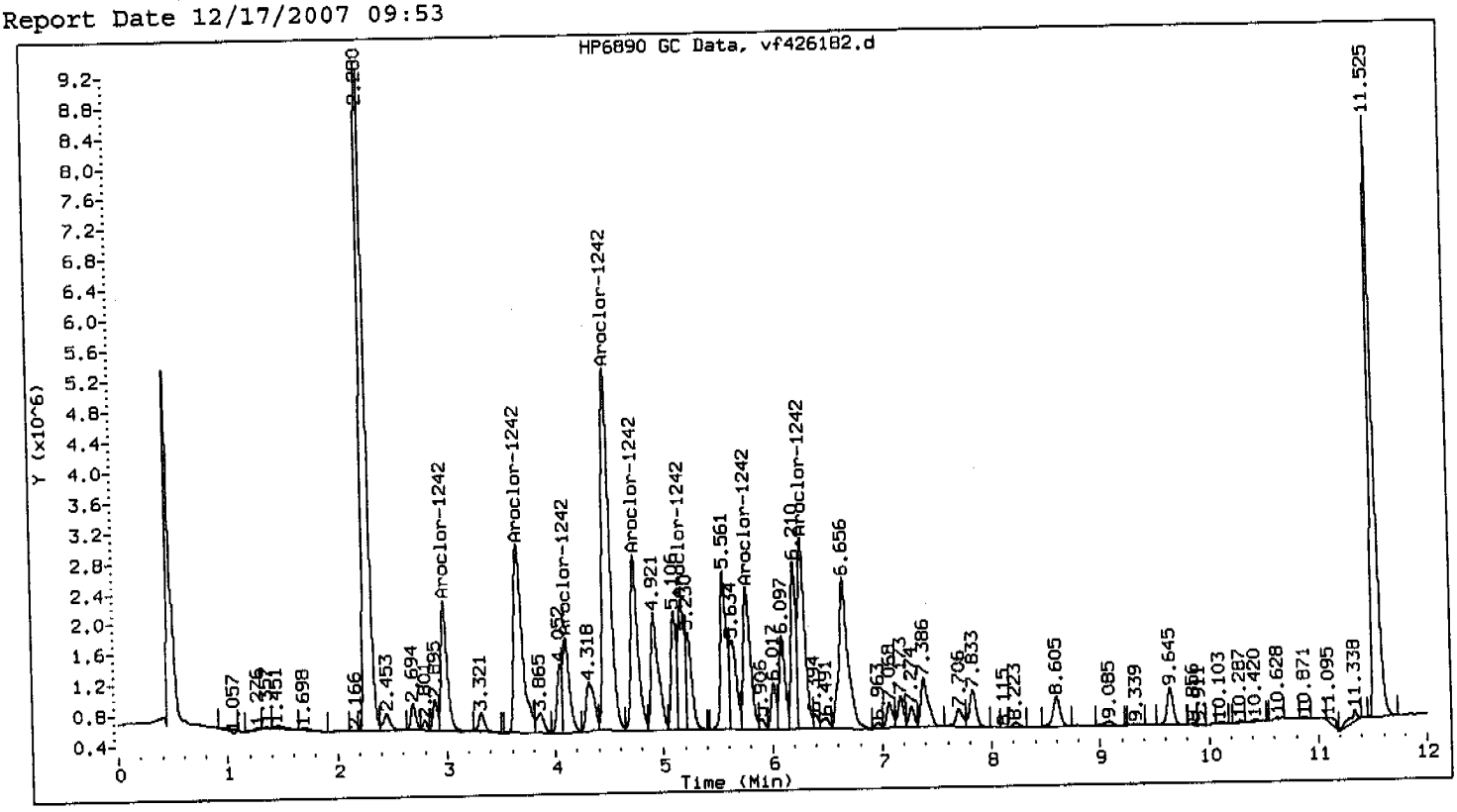
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426182.d

Compound	Midpoint Standard Response Factor
Aroclor-1242	6501.65
2	13523.76
3	5351.74
4	23791.68
5	10290.77
6	6752.69
7	8428.30
8	10122.35

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1242L3_00003C
Lab ID : SG1242L3_00003C
Inj Date : 14-DEC-2007 11:31
Operator : 615 LS 12-17-07
Cpnd Sublist: AR12420

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1242	(M)	2.982	2.982	0.000	6501649	1000.000	1000.000
(2)		3.665	3.665	0.000	13523762	1000.000	1000.000
(3)		4.106	4.106	0.000	5351743	1000.000	1000.000
(4)		4.497	4.497	0.000	23791680	1000.000	1000.000
(5)		4.741	4.741	0.000	10290774	1000.000	1000.000
(6)		5.175	5.175	0.000	6752690	1000.000	1000.000
(7)		5.770	5.770	0.000	8428299	1000.000	1000.000
(8)		6.281	6.281	0.000	10122353	1000.000	1000.000
Average of peak concentrations:							1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

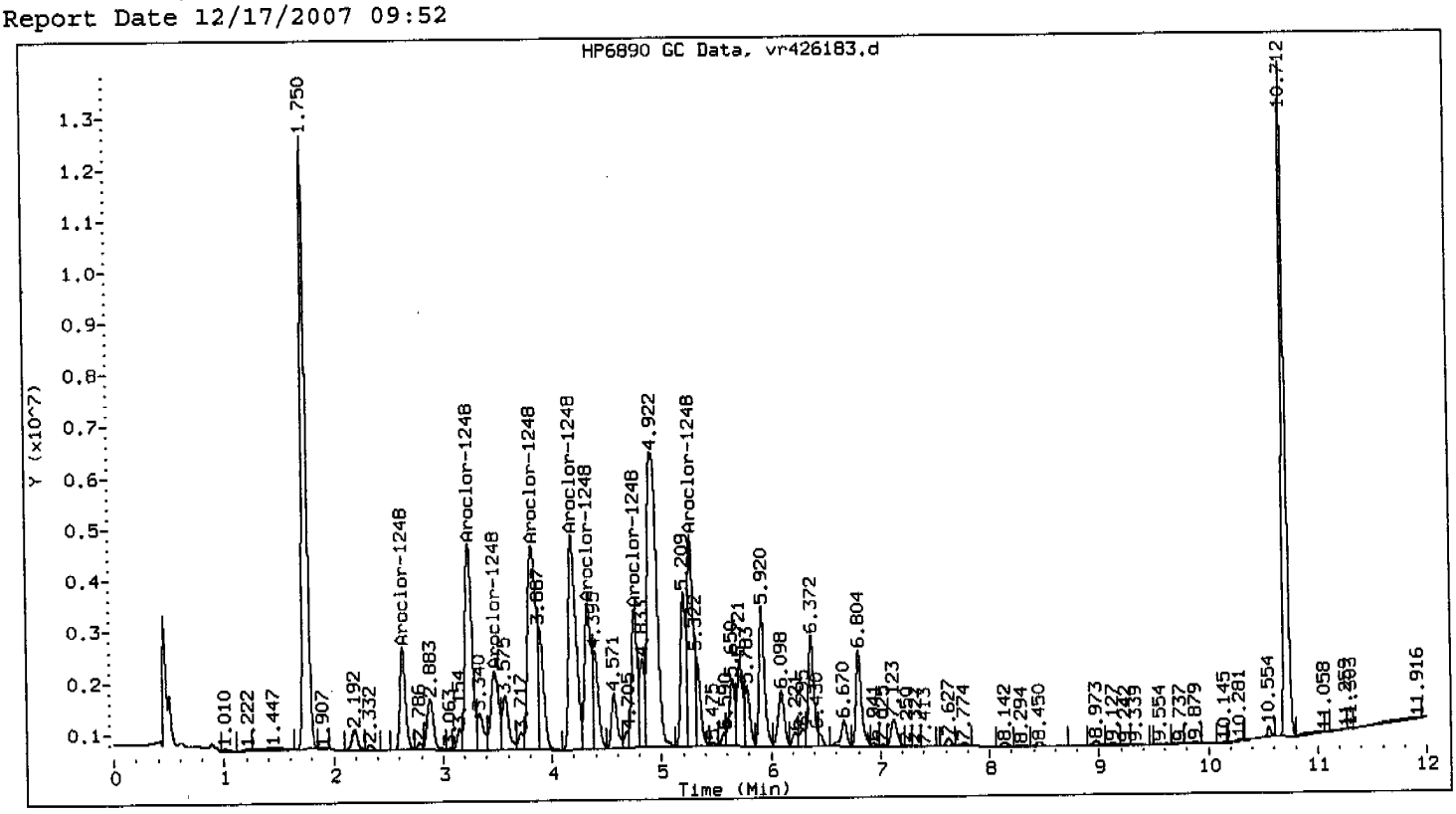
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426183.d

Compound		Midpoint Standard Response Factor
Aroclor-1248		6887.13
	2	18072.84
	3	7733.76
	4	22514.01
	5	19800.69
	6	11588.51
	7	9958.54
	8	15707.73

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1248L3_00003C
Lab ID : SG1248L3_00003C
Inj Date : 14-DEC-2007 11:46
Operator : 615
Cpnd Sublist: AR12480

12-17-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	(M)	2.631	2.631	0.000	6887128	1000.000	1000.000
(2)		3.245	3.245	0.000	18072837	1000.000	1000.000
(3)		3.475	3.475	0.000	7733758	1000.000	1000.000
(4)		3.825	3.825	0.000	22514007	1000.000	1000.000
(5)		4.190	4.190	0.000	19800695	1000.000	1000.000
(6)		4.334	4.334	0.000	11588511	1000.000	1000.000
(7)		4.762	4.762	0.000	9958541	1000.000	1000.000
(8)		5.274	5.274	0.000	15707732	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

Midpoint Calibration File:

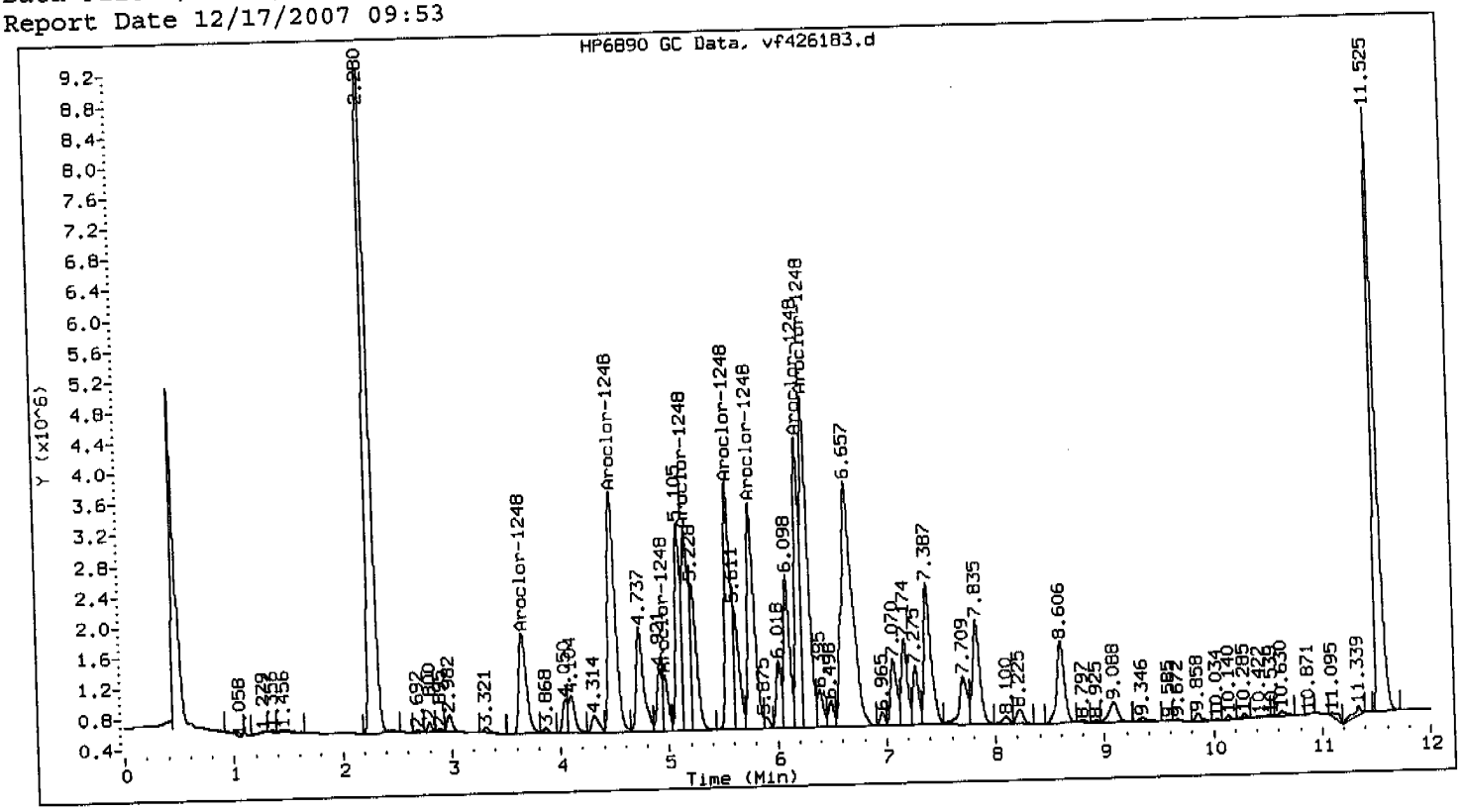
/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426183.d

Compound		Midpoint Standard Response Factor
Aroclor-1248		6460.24
	2	15500.28
	3	2320.48
	4	10207.20
	5	12505.83
	6	12938.47
	7	12661.43
	8	17965.96

Comments:

+ = Multi-component peak not used in calibration of compound.

Report Date 12/17/2007 09:53



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Sample Info : SG1248L3_00003C
Lab ID : SG1248L3_00003C
Inj Date : 14-DEC-2007 11:46
Operator : 615 12-17-07
Cpnd Sublist: AR12480

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	(M)	3.661	3.661	0.000	6460239	1000.000	1000.000
(2)		4.494	4.494	0.000	15500279	1000.000	1000.000
(3)		4.967	4.967	0.000	2320477	1000.000	1000.000
(4)		5.174	5.174	0.000	10207201	1000.000	1000.000
(5)		5.562	5.562	0.000	12505835	1000.000	1000.000
(6)		5.770	5.770	0.000	12938471	1000.000	1000.000
(7)		6.210	6.210	0.000	12661435	1000.000	1000.000
(8)		6.280	6.280	0.000	17965958	1000.000	1000.000
Average of peak concentrations:							1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

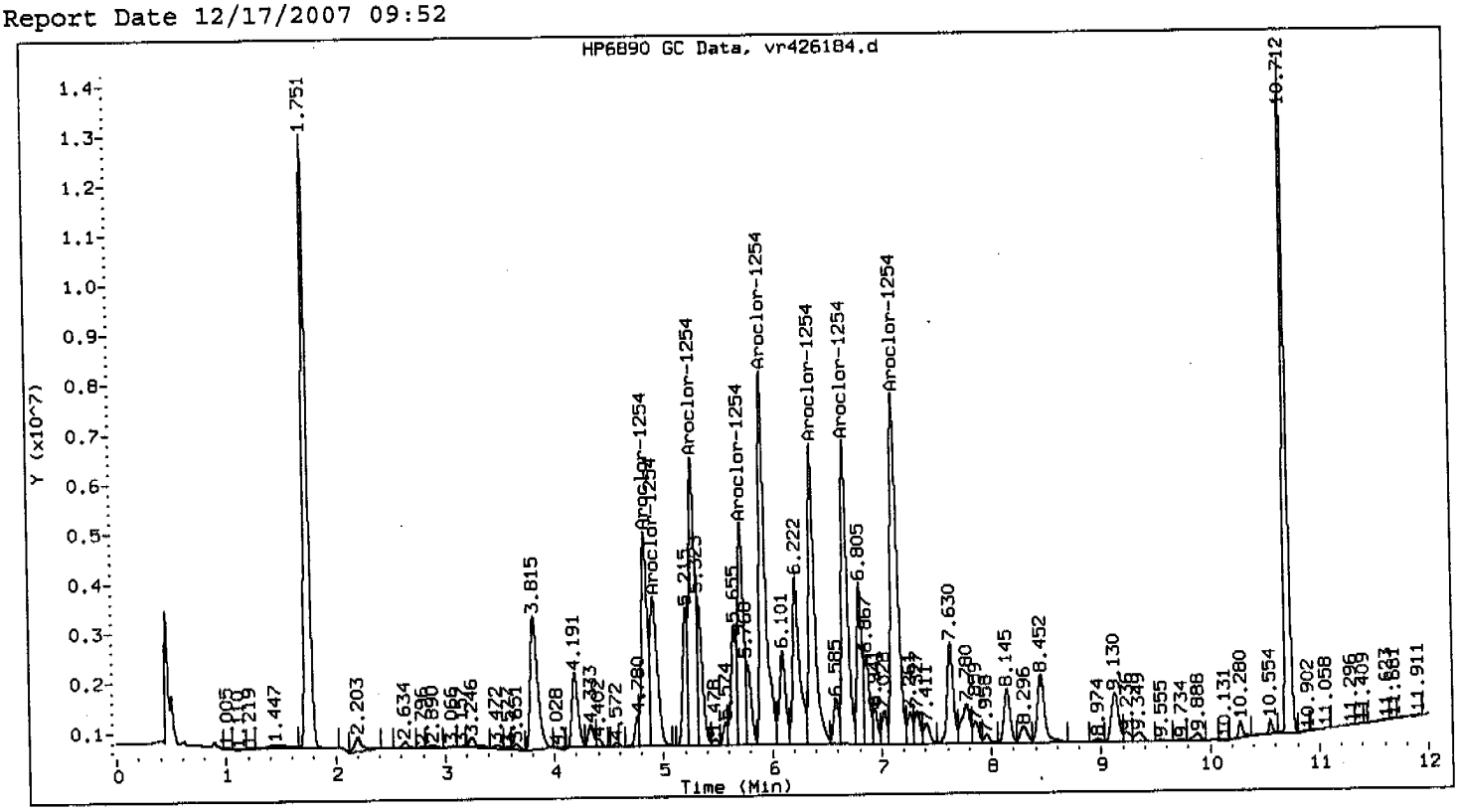
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426184.d

Compound	Midpoint Standard Response Factor
Aroclor-1254	16078.45
2	13235.92
3	22567.45
4	16883.87
5	29972.77
6	23757.46
7	22619.28
8	30268.01

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1254L3_00003C
Lab ID : SG1254L3_00003C
Inj Date : 14-DEC-2007 12:02
Operator : 615
Cpnd Sublist: AR12540

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1254	(M)	4.839	4.839	0.000	16078451	1000.000	1000.000
(2)		4.914	4.914	0.000	13235918	1000.000	1000.000
(3)		5.279	5.279	0.000	22567453	1000.000	1000.000
(4)		5.722	5.722	0.000	16883872	1000.000	1000.000
(5)		5.922	5.922	0.000	29972772	1000.000	1000.000
(6)		6.373	6.373	0.000	23757464	1000.000	1000.000
(7)		6.672	6.672	0.000	22619281	1000.000	1000.000
(8)		7.125	7.125	0.000	30268007	1000.000	1000.000
Average of peak concentrations:							1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

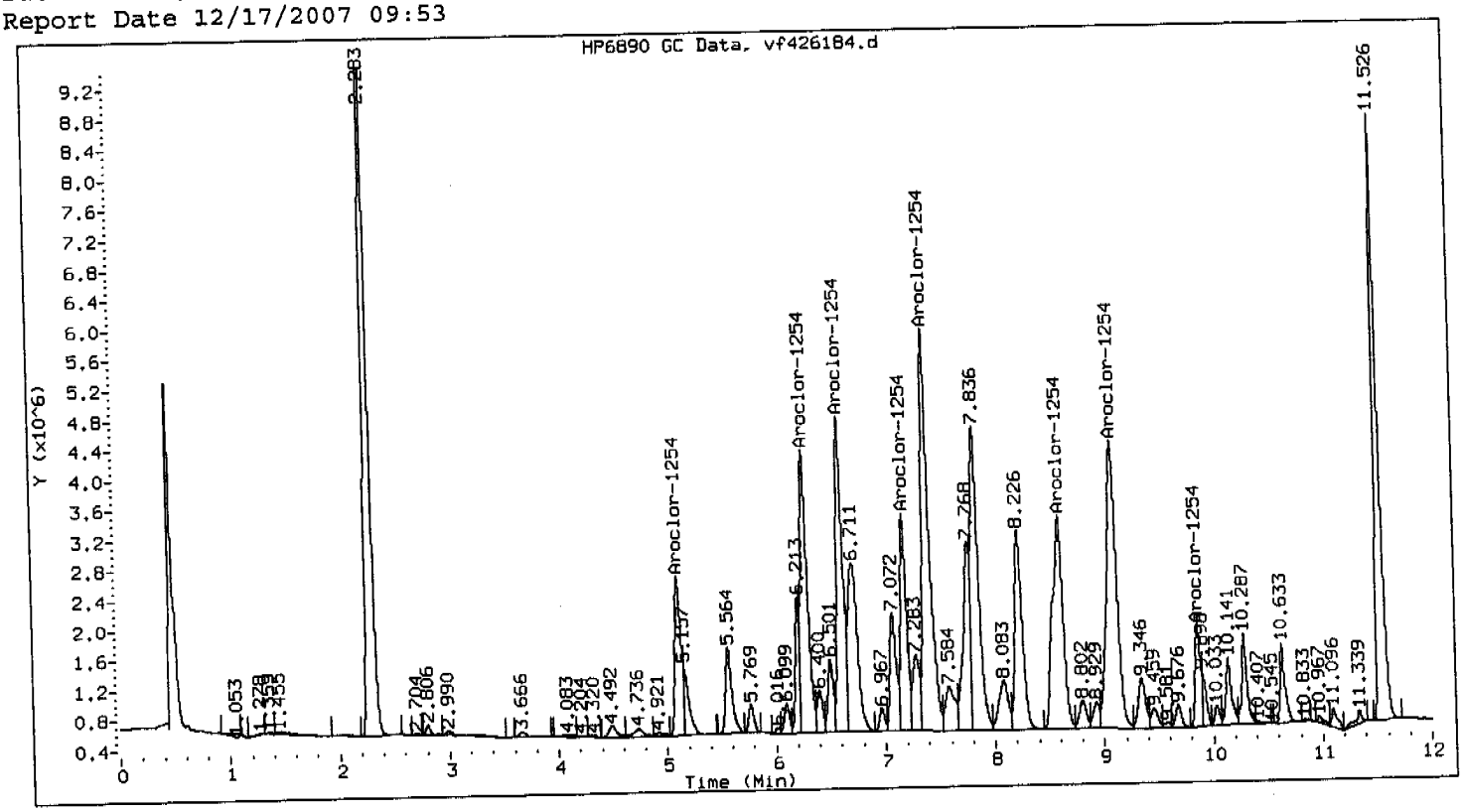
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426184.d

Compound		Midpoint Standard Response Factor
Aroclor-1254		8253.47
	2	16041.57
	3	16700.28
	4	11370.51
	5	25118.40
	6	19428.62
	7	24421.86
	8	4499.11

Comments:

+ = Multi-component peak not used in calibration of compound.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Y (x10^6)
Time (Min)
Aroclor-1254
Aroclor-1254
Aroclor-1254

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

Midpoint Calibration File:

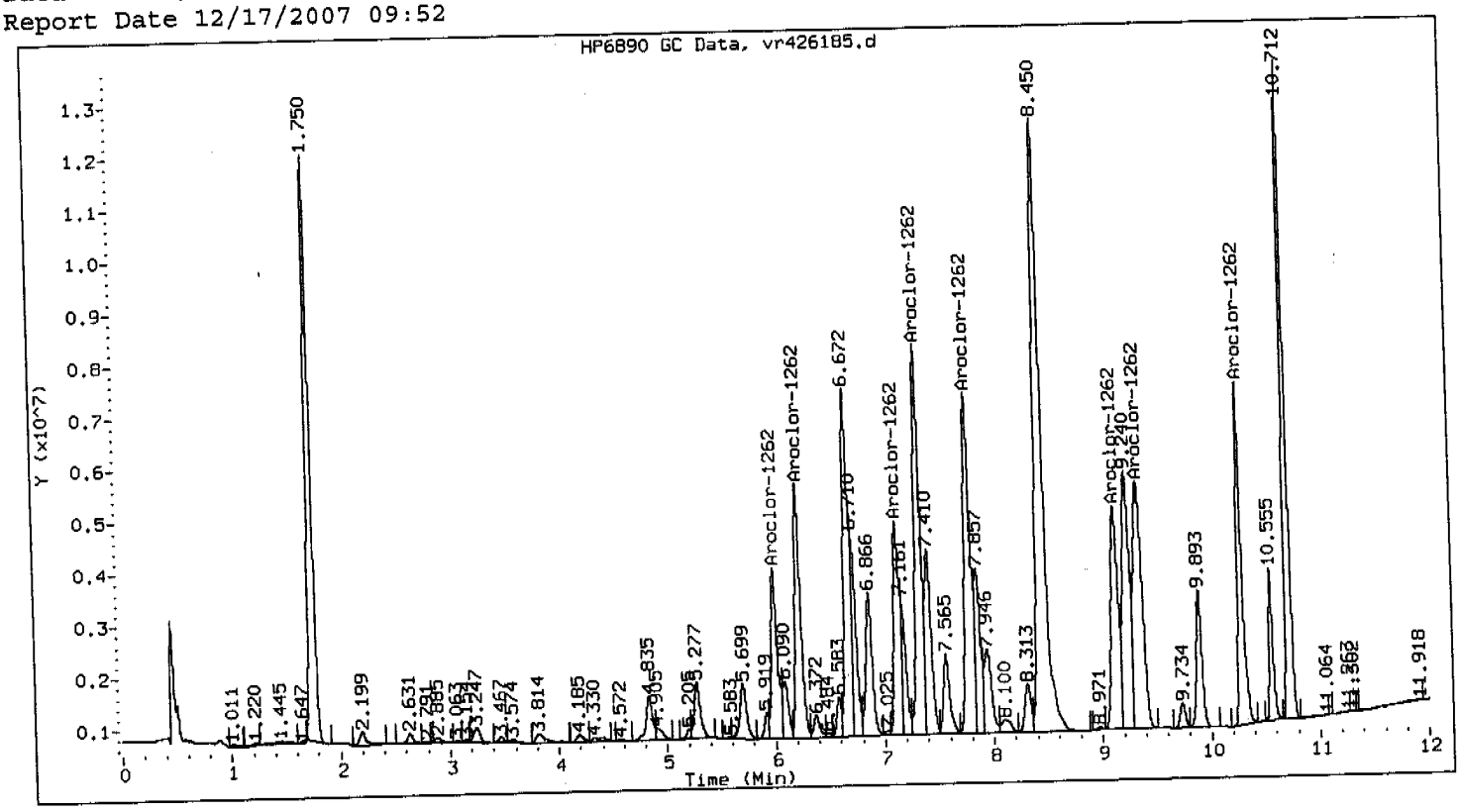
/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426185.d

Compound	Midpoint Standard Response Factor
Aroclor-1262	12726.99
2	18021.31
3	15291.71
4	28238.06
5	26180.36
6	19760.64
7	26253.76
8	19419.68

Comments:

+ = Multi-component peak not used in calibration of compound.

Report Date 12/17/2007 09:52



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1262L3_00003C
Lab ID : SG1262L3_00003C
Inj Date : 14-DEC-2007 12:17
Operator : 615
Cpnd Sublist: AR1262

12-17-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1262	(M)	5.995	5.995	0.000	12726985	1000.000	1000.000
(2)		6.220	6.220	0.000	18021307	1000.000	1000.000
(3)		7.122	7.122	0.000	15291710	1000.000	1000.000
(4)		7.329	7.329	0.000	28238060	1000.000	1000.000
(5)		7.782	7.782	0.000	26180360	1000.000	1000.000
(6)		9.128	9.128	0.000	19760643	1000.000	1000.000
(7)		9.345	9.345	0.000	26253765	1000.000	1000.000
(8)		10.280	10.280	0.000	19419681	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

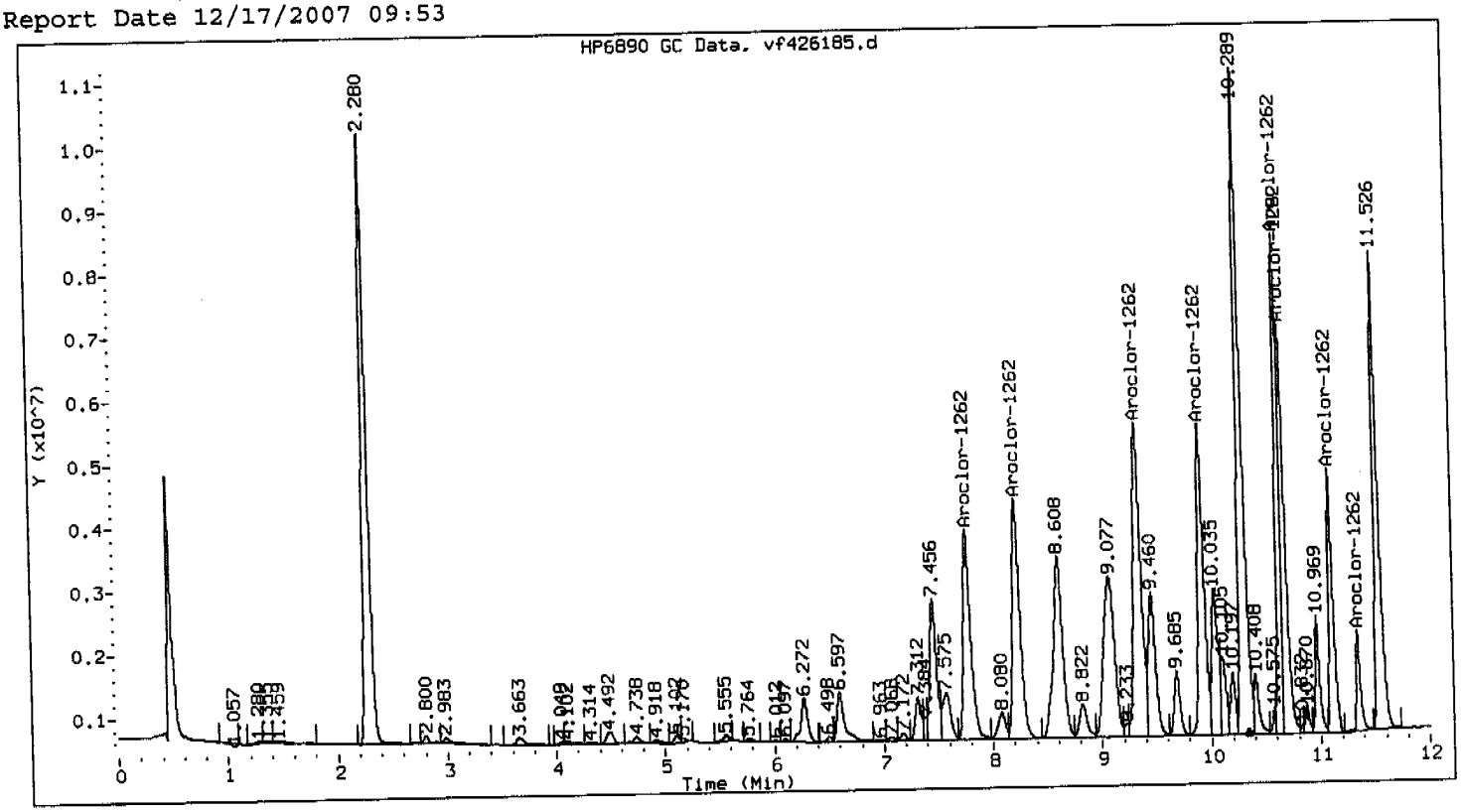
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426185.d

Compound		Midpoint Standard Response Factor
Aroclor-1262		15612.47
	2	18206.77
	3	24504.83
	4	19019.84
	5	17374.65
	6	21215.62
	7	11638.44
	8	4234.47

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1262L3_00003C
Lab ID : SG1262L3_00003C
Inj Date : 14-DEC-2007 12:17
Operator : 615
Cpnd Sublist: AR12620

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	7.767	7.767	0.000	15612466	1000.000	1000.000
(2)	8.223	8.223	0.000	18206769	1000.000	1000.000
(3)	9.337	9.337	0.000	24504827	1000.000	1000.000
(4)	9.919	9.919	0.000	19019840	1000.000	1000.000
(5)	10.630	10.630	0.000	17374647	1000.000	1000.000
(6)	10.663	10.663	0.000	21215617	1000.000	1000.000
(7)	11.098	11.098	0.000	11638440	1000.000	1000.000
(8)	11.340	11.340	0.000	4234474	1000.000	1000.000

Average of peak concentrations: 1000.00

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

Midpoint Calibration File:

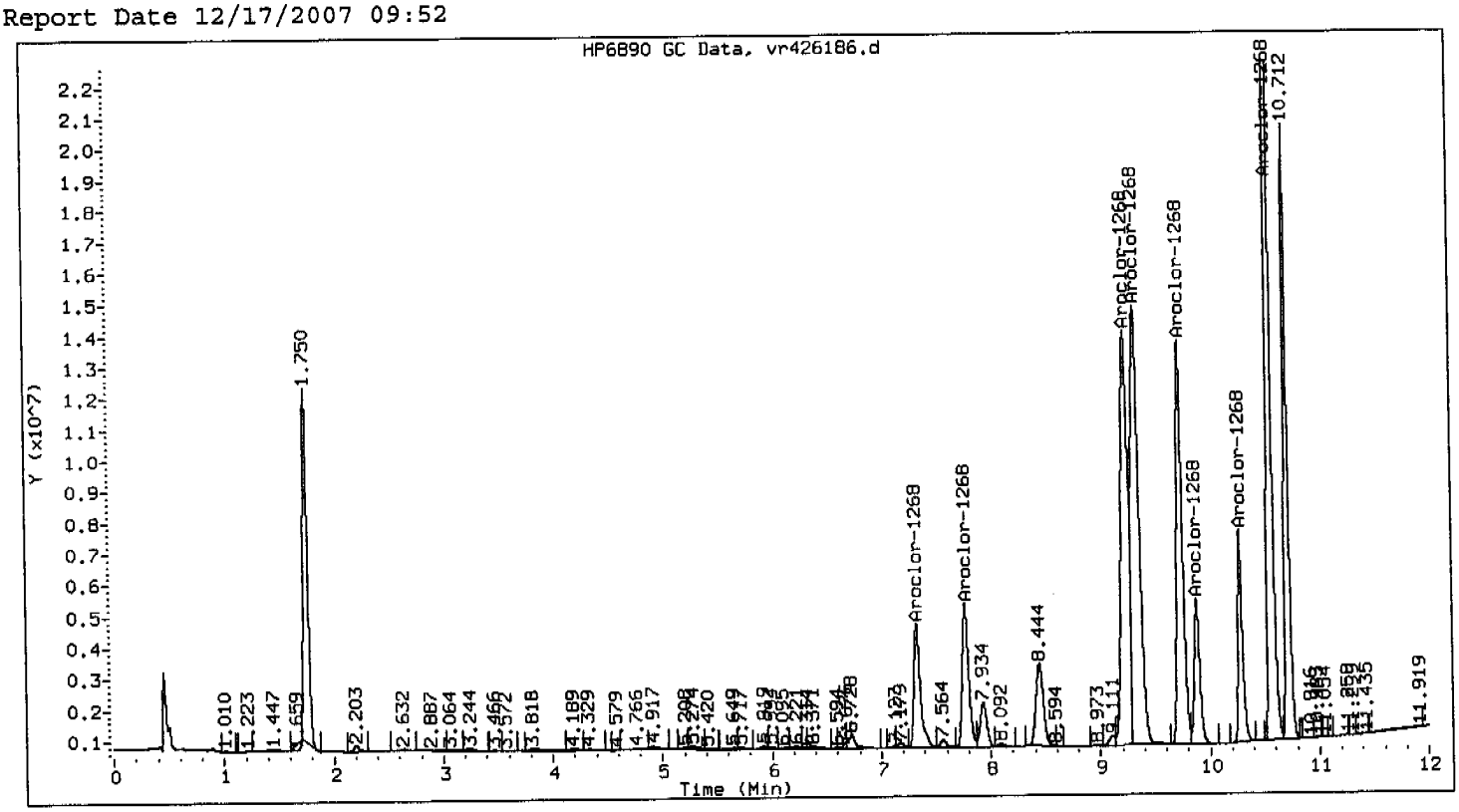
/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426186.d

Compound		Midpoint Standard Response Factor
Aroclor-1268		16201.56
	2	19027.43
	3	61216.72
	4	70326.93
	5	48573.39
	6	16513.44
	7	19018.22
	8	97852.65

Comments:

+ = Multi-component peak not used in calibration of compound.

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426186.d Page 1
Report Date 12/17/2007 09:52



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG11268L3_00003C
Lab ID : SG11268L3_00003C
Inj Date : 14-DEC-2007 12:32
Operator : 615
Cpnd Sublist: AR12680

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1268	7.329	7.329	0.000	16201561	1000.000	1000.000
(2)	7.774	7.774	0.000	19027426	1000.000	1000.000
(3)	9.240	9.240	0.000	61216722	1000.000	1000.000
(4)	9.334	9.334	0.000	70326933	1000.000	1000.000
(5)	9.735	9.735	0.000	48573395	1000.000	1000.000
(6)	9.883	9.883	0.000	16513443	1000.000	1000.000
(7)	10.280	10.280	0.000	19018222	1000.000	1000.000
(8)	10.555	10.555	0.000	97852645	1000.000	1000.000

Average of peak concentrations: 1000.00

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

Midpoint Calibration File:

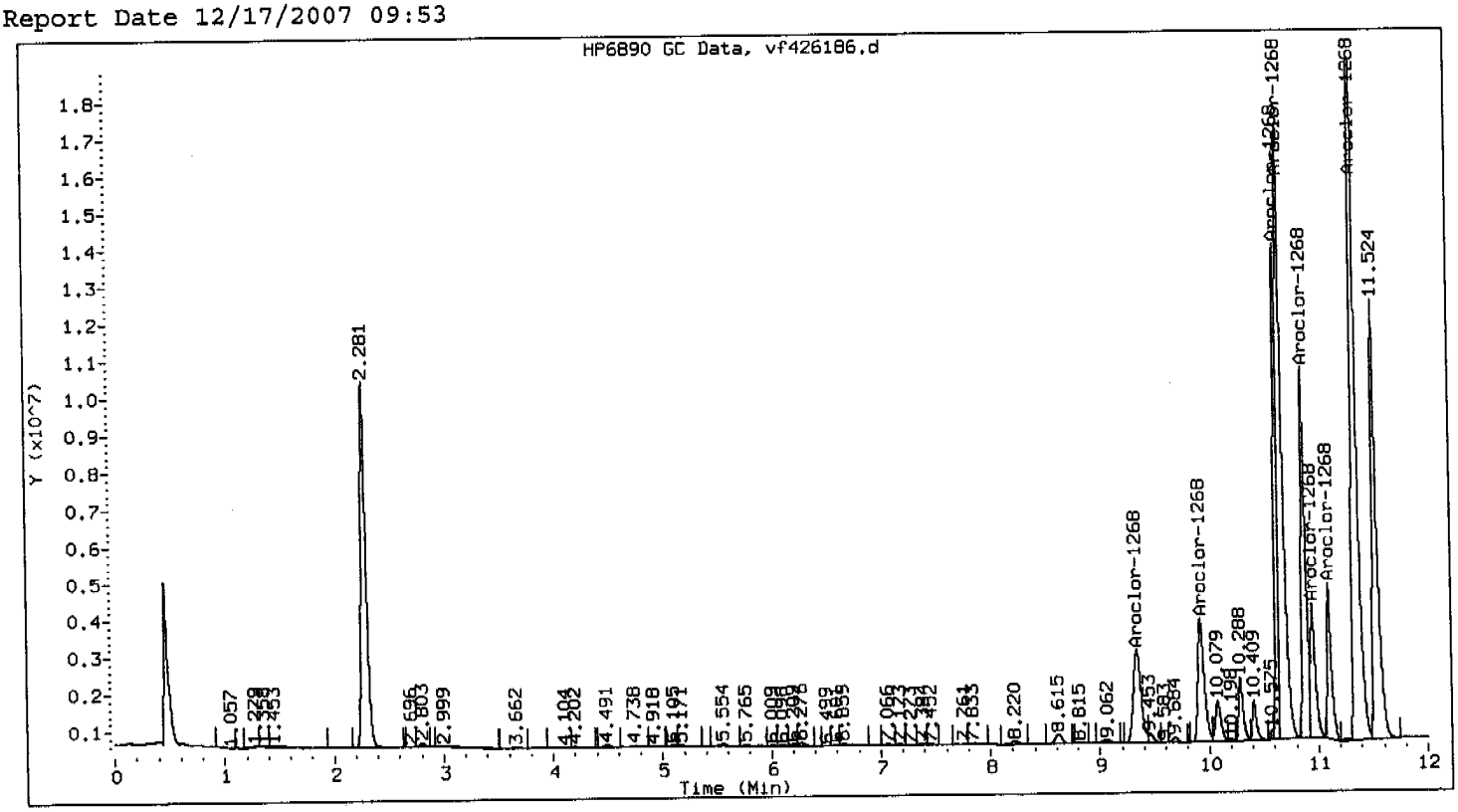
/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426186.d

Compound	Midpoint Standard Response Factor
Aroclor-1268	12519.56
2	13624.97
3	23736.46
4	54067.00
5	26547.38
6	10817.37
7	11234.27
8	72285.77

Comments:

+ = Multi-component peak not used in calibration of compound.

Report Date 12/17/2007 09:53



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG11268L3_00003C
Lab ID : SG11268L3_00003C
Inj Date : 14-DEC-2007 12:32
Operator : 615 12-17-07
Cpnd Sublist: AR12680

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1268	9.339	9.339	0.000	12519562	1000.000	1000.000
(2)	9.923	9.923	0.000	13624974	1000.000	1000.000
(3)	10.628	10.628	0.000	23736462	1000.000	1000.000
(4)	10.664	10.664	0.000	54066996	1000.000	1000.000
(5)	10.872	10.872	0.000	26547376	1000.000	1000.000
(6)	10.949	10.949	0.000	10817370	1000.000	1000.000
(7)	11.097	11.097	0.000	11234273	1000.000	1000.000
(8)	11.340	11.340	0.000	72285770	1000.000	1000.000

Average of peak concentrations: 1000.00

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b/vr426214.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Vr8082.m

Sample Information: SG1660L3_00003A
Injection Date: 17-DEC-2007 08:20

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.187	1000	992.26	0.77
Aroclor-1016	2	2.635	1000	988.84	1.12
Aroclor-1016	3	2.889	1000	1044.95	4.50
Aroclor-1016	4	3.249	1000	973.48	2.65
Aroclor-1016	5	3.471	1000	1049.02	4.90
Aroclor-1016	6	3.576	1000	1058.88	5.89
Aroclor-1016	7	4.191	1000	976.35	2.36
Aroclor-1016	8	4.336	1000	1004.14	0.41
Aroclor-1260	1	6.220	1000	1011.90	1.19
Aroclor-1260	2	6.672	1000	988.47	1.15
Aroclor-1260	3	7.123	1000	1003.29	0.33
Aroclor-1260	4	7.329	1000	1003.47	0.35
Aroclor-1260	5	7.783	1000	1012.56	1.26
Aroclor-1260	6	9.129	1000	1049.21	4.92
Aroclor-1260	7	9.349	1000	1102.50	10.25
Aroclor-1260	8	10.280	1000	1102.53	10.25

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.752	100	100.06	0.06
Decachlorobiphenyl(sur	10.712	100	89.15	10.85

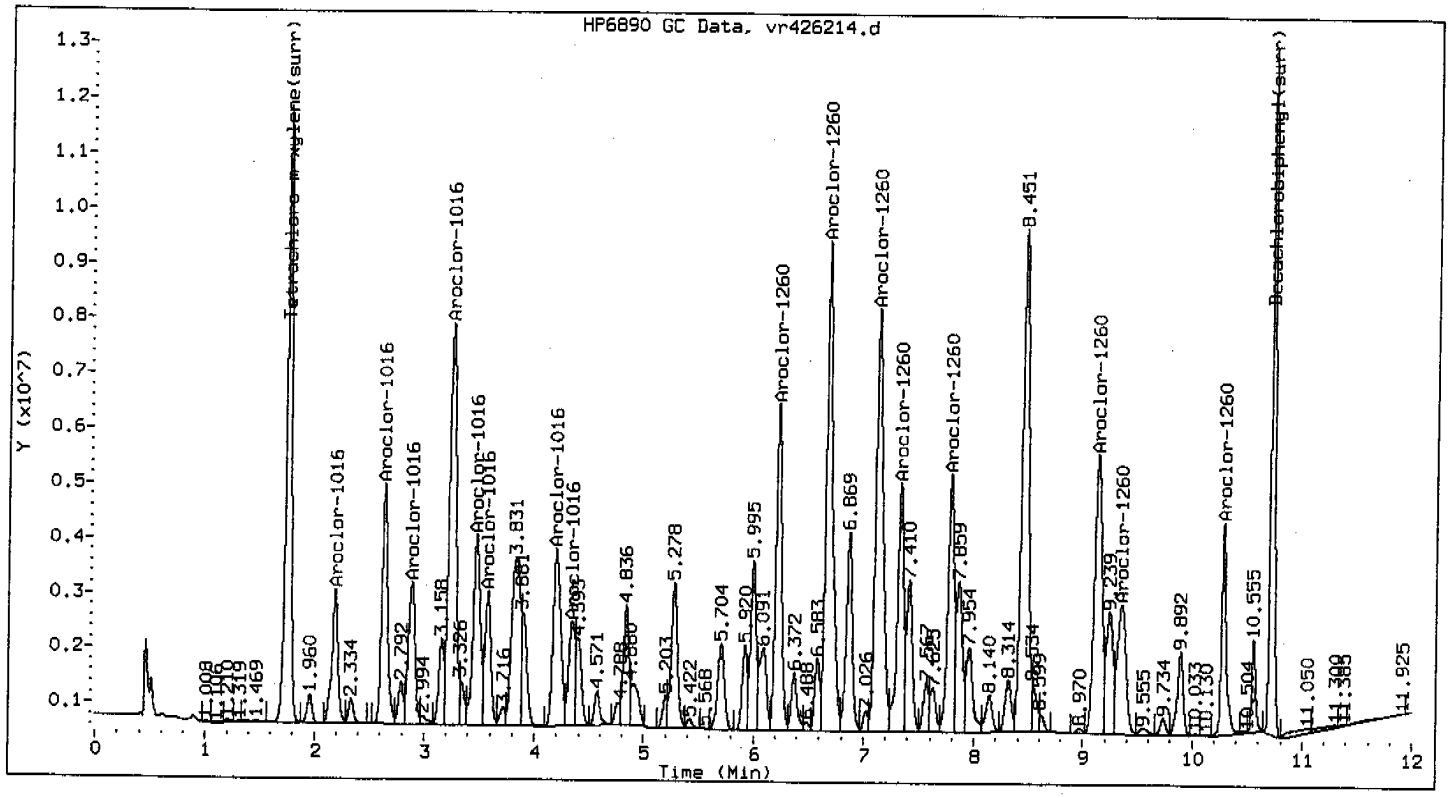
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b/vr426214.d
Injection Date: 17-DEC-2007 08:20

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.187	
	2.634	(2.564 - 2.704)	2.635	
	2.888	(2.818 - 2.958)	2.889	
	3.250	(3.180 - 3.320)	3.249	
	3.471	(3.401 - 3.541)	3.471	
	3.576	(3.506 - 3.646)	3.576	
	4.191	(4.121 - 4.261)	4.191	
	4.336	(4.266 - 4.406)	4.336	
Aroclor-1260	6.221	(6.151 - 6.291)	6.220	
	6.672	(6.602 - 6.742)	6.672	
	7.123	(7.053 - 7.193)	7.123	
	7.328	(7.258 - 7.398)	7.329	
	7.784	(7.714 - 7.854)	7.783	
	9.131	(9.061 - 9.201)	9.129	
	9.348	(9.278 - 9.418)	9.349	
	10.281	(10.211 - 10.351)	10.280	
Tetrachloro-m-xylene(surr)	1.750	(1.700 - 1.800)	1.752	
Decachlorobiphenyl(surr)	10.713	(10.613 - 10.813)	10.712	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Vr8082.m
Sample Info : SG1660L3_00003A
Lab ID : SG1660L3_00003A
Inj Date : 17-DEC-2007 08:20
Operator : 615 12-17-07
Cpnd Sublist: AR1660OS

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.187	2.187	0.000	9241622	992.258	992.258
(2)		2.635	2.635	0.000	16270923	988.838	988.838
(3)		2.889	2.889	0.000	10969613	1044.955	1044.955
(4)		3.249	3.249	0.000	33364610	973.476	973.476
(5)		3.471	3.471	0.000	15464353	1049.022	1049.022
(6)		3.576	3.576	0.000	9455146	1058.882	1058.882
(7)		4.191	4.191	0.000	15529292	976.353	976.353
(8)		4.336	4.336	0.000	7190519	1004.139	1004.139
Average of peak concentrations:							1000.00
Aroclor-1260		6.220	6.220	0.000	21586117	1011.900	1011.900
(2)		6.672	6.672	0.000	37541707	988.466	988.466
(3)		7.123	7.123	0.000	35570572	1003.289	1003.289
(4)		7.329	7.329	0.000	17796498	1003.472	1003.472
(5)		7.783	7.783	0.000	18906457	1012.556	1012.556
(6)		9.129	9.129	0.000	24091780	1049.211	1049.211

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)	9.349	9.349	0.000	13038361	1102.497	1102.497
(8)	10.280	10.280	0.000	11439742	1102.528	1102.528
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	1.752	1.752	0.000	34364907	100.059	100.059
Decachlorobiphenyl(surr)	10.712	10.712	0.000	29151040	89.148	89.148

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07a.b/vf426214.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07a.b/06Vf8082.m

Sample Information: SG1660L3_00003A
Injection Date: 17-DEC-2007 08:20

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.983	1000	992.94	0.71
Aroclor-1016	2	3.665	1000	1004.06	0.41
Aroclor-1016	3	4.105	1000	1025.53	2.55
Aroclor-1016	4	4.498	1000	987.35	1.27
Aroclor-1016	5	4.742	1000	985.63	1.44
Aroclor-1016	6	5.175	1000	1001.24	0.12
Aroclor-1016	7	5.561	1000	1016.96	1.70
Aroclor-1016	8	5.770	1000	1022.31	2.23
Aroclor-1260	1	7.767	1000	1025.73	2.57
Aroclor-1260	2	8.223	1000	1022.39	2.24
Aroclor-1260	3	9.086	1000	1044.58	4.46
Aroclor-1260	4	9.337	1000	1052.58	5.26
Aroclor-1260	5	9.461	1000	1090.53	9.05
Aroclor-1260	6	9.919	1000	1064.41	6.44
Aroclor-1260	7	10.632	1000	1073.81	7.38
Aroclor-1260	8	11.097	1000	1083.80	8.38

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.281	100	96.44	3.56
Decachlorobiphenyl(sur	11.526	100	95.17	4.83

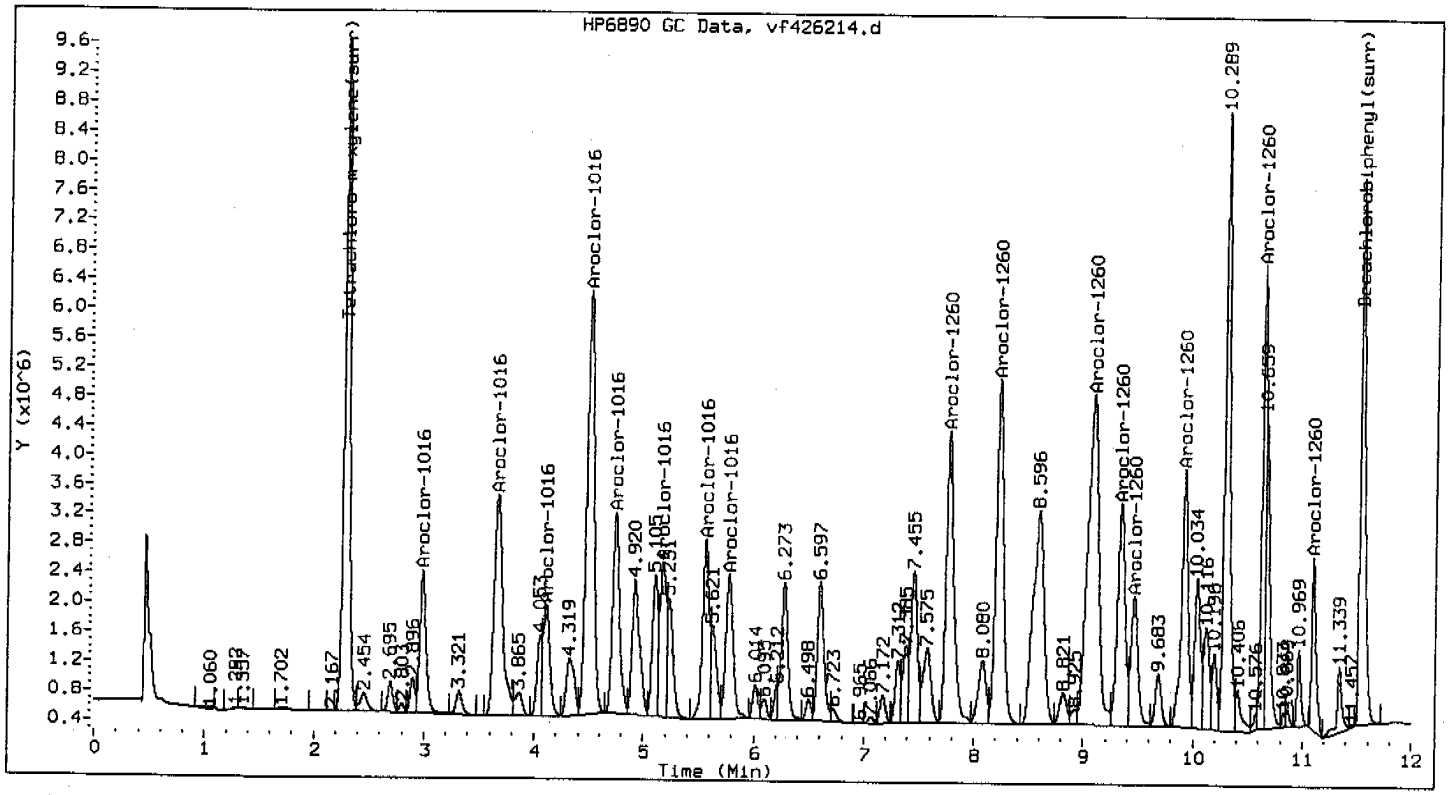
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07a.b/vf426214.d
Injection Date: 17-DEC-2007 08:20

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.983	
	3.667	(3.597 - 3.737)	3.665	
	4.107	(4.037 - 4.177)	4.105	
	4.498	(4.428 - 4.568)	4.498	
	4.742	(4.672 - 4.812)	4.742	
	5.175	(5.105 - 5.245)	5.175	
	5.562	(5.492 - 5.632)	5.561	
	5.770	(5.700 - 5.840)	5.770	
Aroclor-1260	7.768	(7.698 - 7.838)	7.767	
	8.223	(8.153 - 8.293)	8.223	
	9.088	(9.018 - 9.158)	9.086	
	9.338	(9.268 - 9.408)	9.337	
	9.463	(9.393 - 9.533)	9.461	
	9.919	(9.849 - 9.989)	9.919	
	10.633	(10.563 - 10.703)	10.632	
	11.098	(11.028 - 11.168)	11.097	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.281	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.526	



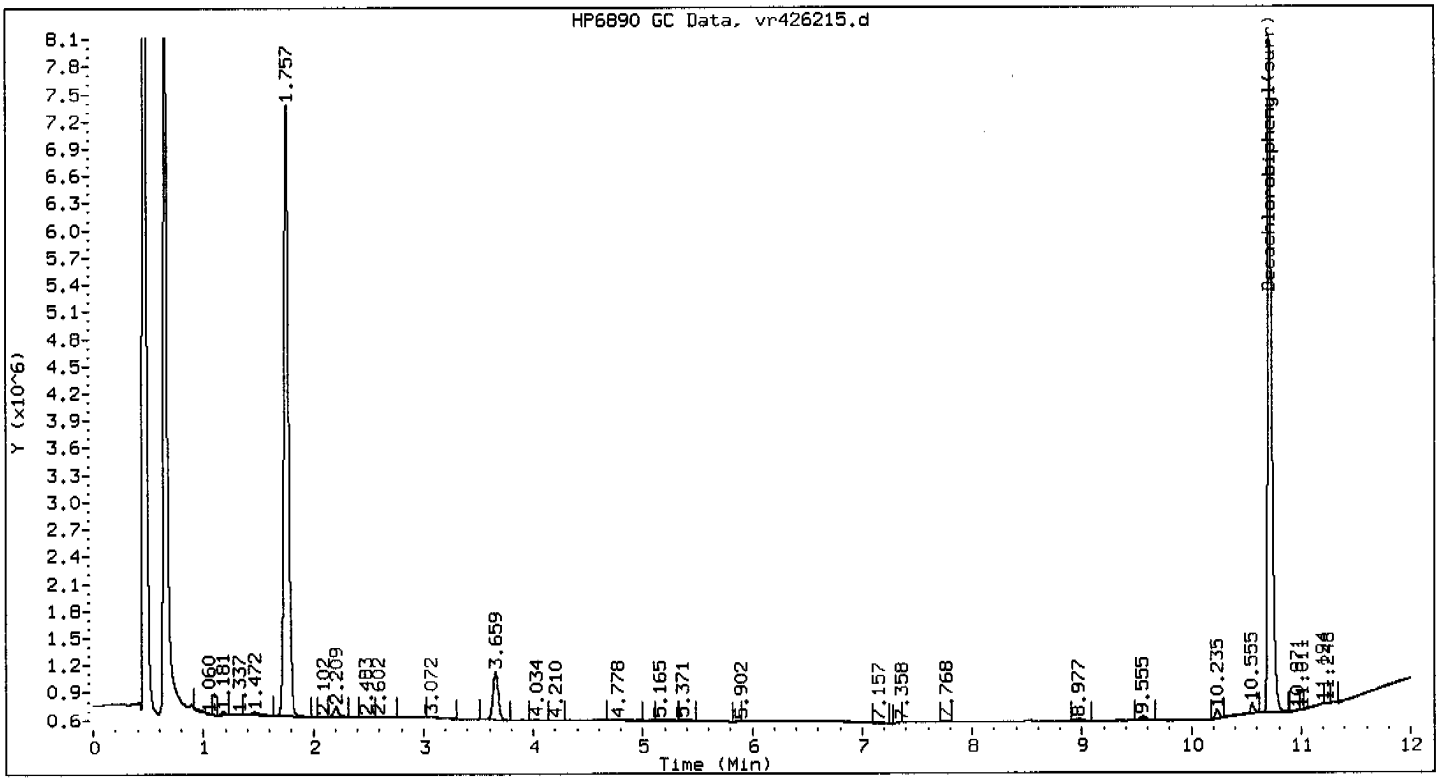
Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07a.b/06Vf8082.m
Sample Info : SG1660L3_00003A
Lab ID : SG1660L3_00003A
Inj Date : 17-DEC-2007 08:20
Operator : 615
Cpnd Sublist: AR16600s 12-17-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.983	2.983	0.000	7452885	992.939	992.939
(2)		3.665	3.665	0.000	16551842	1004.058	1004.058
(3)		4.105	4.105	0.000	6599343	1025.529	1025.529
(4)		4.498	4.498	0.000	28665179	987.346	987.346
(5)		4.742	4.742	0.000	12180991	985.626	985.626
(6)		5.175	5.175	0.000	8132607	1001.243	1001.243
(7)		5.561	5.561	0.000	9621804	1016.956	1016.956
(8)		5.770	5.770	0.000	8930685	1022.306	1022.306
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.767	7.767	0.000	19638510	1025.728	1025.728
(2)		8.223	8.223	0.000	22593166	1022.394	1022.394
(3)		9.086	9.086	0.000	31325723	1044.583	1044.583
(4)		9.337	9.337	0.000	14788293	1052.578	1052.578
(5)		9.461	9.461	0.000	8112673	1090.527	1090.527
(6)		9.919	9.919	0.000	14577184	1064.407	1064.407

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)		10.632	10.632	0.000	15760963	1073.808	1073.808
(8)		11.097	11.097	0.000	6279165	1083.804	1083.804
Average of peak concentrations:							1000.00
Tetrachloro-m-xylene(surr)		2.281	2.281	0.000	30889633	96.440	96.440
Decachlorobiphenyl(surr)	(M)	11.526	11.526	0.000	21998179	95.173	95.173

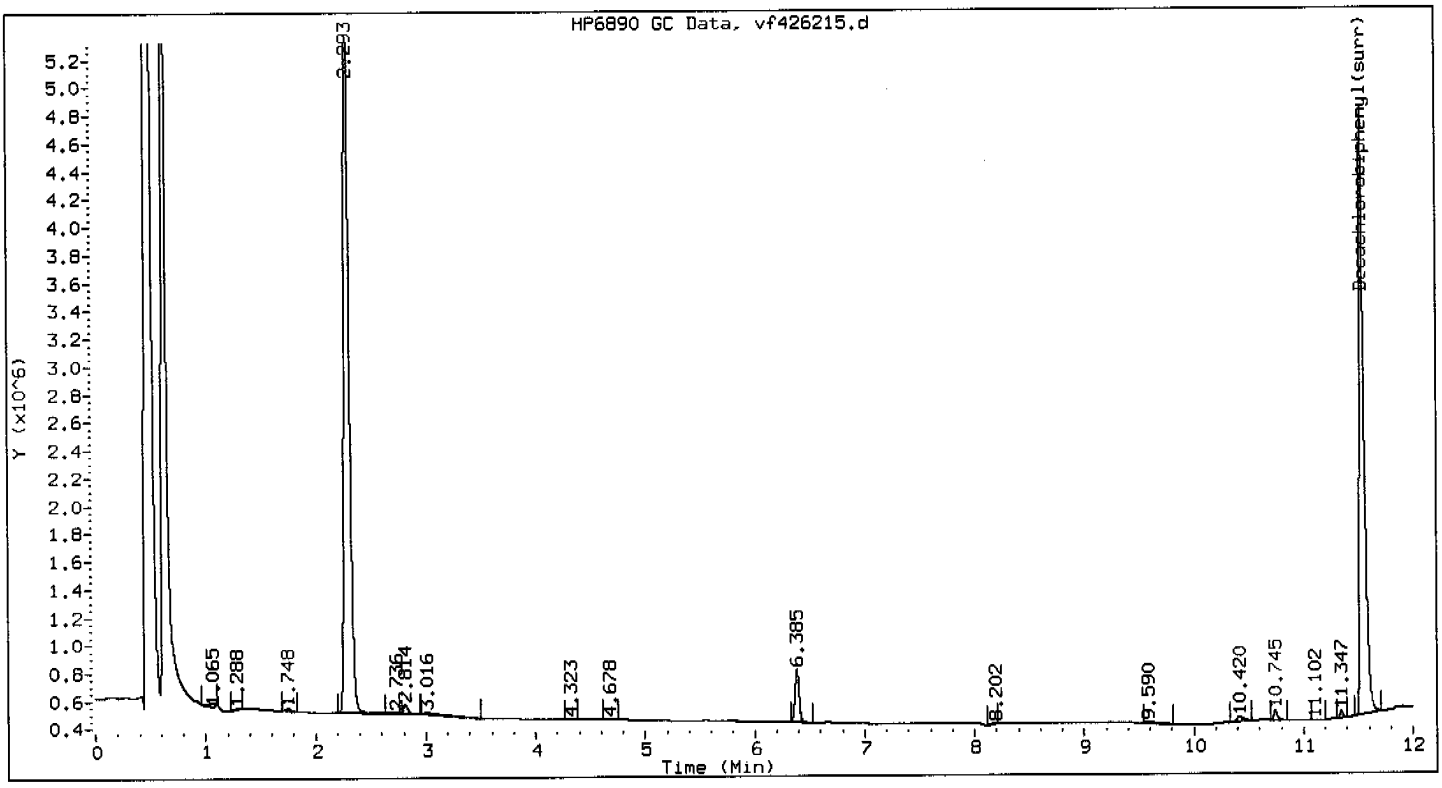
COMMENTS:
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Vr8082.m
Sample Info : SP348J;MB77563
Lab ID : SP348J
Inj Date : 17-DEC-2007 08:46
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

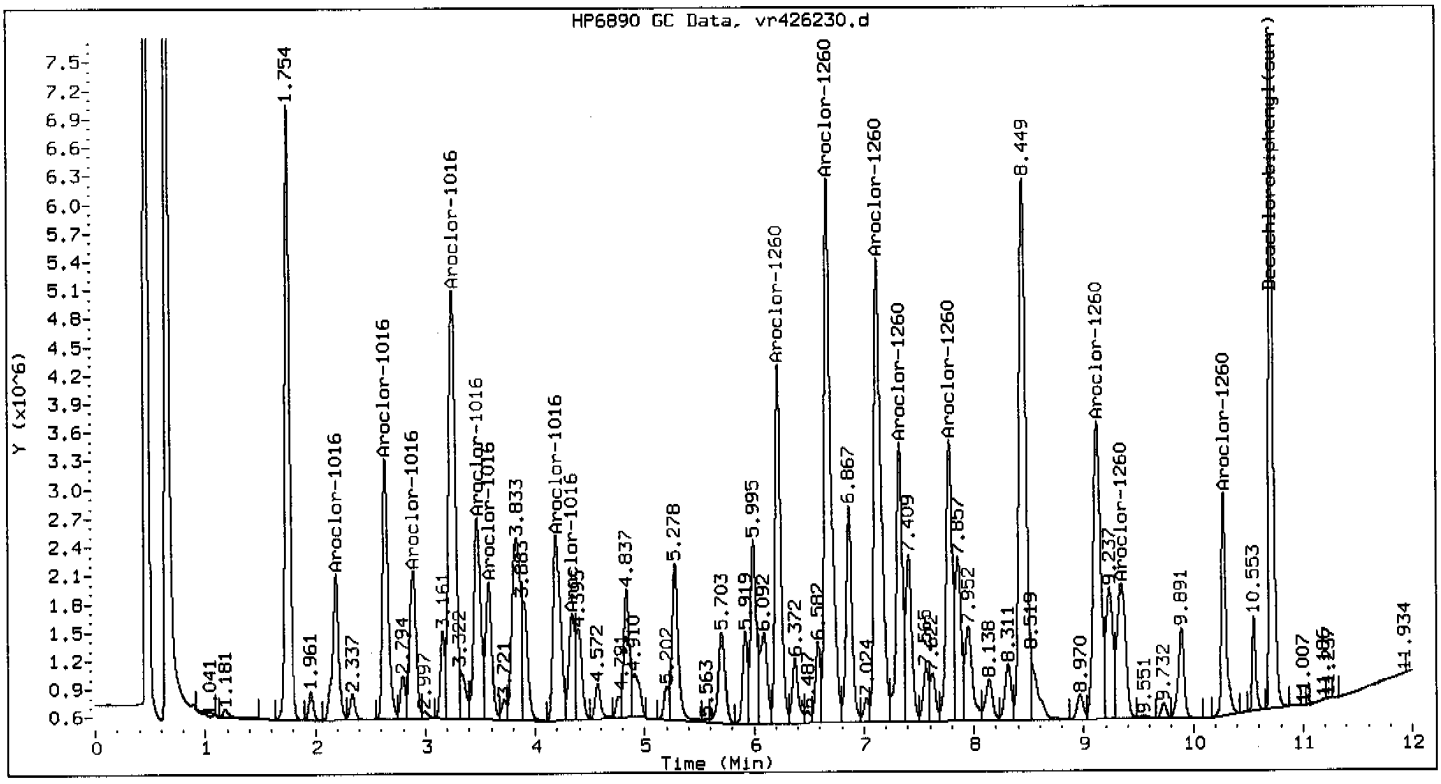
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.714	10.712	0.002	19364225	59.218	39.479



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07a.b/06Vf8082.m
Sample Info : SP348J;MB77563
Lab ID : SP348J
Inj Date : 17-DEC-2007 08:46
Operator : 615
Cpnd Sublist: PCB8082+ 12-19-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	11.535	11.526	0.009	12557038	54.327	36.218



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Vr8082.m
Sample Info : 6366BS;BS62091
Lab ID : 6366BS
Inj Date : 17-DEC-2007 12:36
Operator : 615
Cpnd Sublist: PCB8082+ 12-19-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.190	2.187	0.003	5927421	636.417	424.278
(2)		2.637	2.635	0.002	9847449	598.462	398.975
(3)		2.892	2.889	0.003	6443024	613.756	409.171
(4)		3.253	3.249	0.004	20174278	588.623	392.415
(5)		3.474	3.471	0.003	9290900	630.247	420.164
(6)		3.580	3.576	0.004	5648357	632.560	421.707
(7)		4.192	4.191	0.001	9283972	583.699	389.133
(8)		4.337	4.336	0.001	4356270	608.343	405.562
Average of peak concentrations:							410.00
Aroclor-1260		6.220	6.220	0.000	13898076	651.505	434.337
(2)		6.672	6.672	0.000	24280575	639.303	426.202
(3)		7.122	7.123	0.000	22700350	640.277	426.851
(4)		7.327	7.329	0.001	11356128	640.326	426.884
(5)		7.781	7.783	0.002	12006912	643.044	428.696
(6)		9.127	9.129	0.002	14857263	647.042	431.362

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.346	9.349	0.003	7863720	664.940	443.293
(8)	10.279	10.280	0.001	6766678	652.152	434.768
Average of peak concentrations:						430.00
Decachlorobiphenyl(surr)	10.712	10.712	0.000	20045129	61.301	40.867

COMMENTS:

M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b/vr426233.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b/06Vr8082.m

Sample Information: SG166013_00003B
Injection Date: 17-DEC-2007 13:22

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.190	1000	1053.08	5.31
Aroclor-1016	2	2.639	1000	1026.08	2.61
Aroclor-1016	3	2.893	1000	1091.84	9.18
Aroclor-1016	4	3.255	1000	994.57	0.54
Aroclor-1016	5	3.475	1000	1066.24	6.62
Aroclor-1016	6	3.581	1000	1132.36	13.24
Aroclor-1016	7	4.194	1000	1019.45	1.94
Aroclor-1016	8	4.339	1000	984.13	1.59
Aroclor-1260	1	6.222	1000	1056.71	5.67
Aroclor-1260	2	6.674	1000	1037.48	3.75
Aroclor-1260	3	7.124	1000	1063.98	6.40
Aroclor-1260	4	7.330	1000	1029.92	2.99
Aroclor-1260	5	7.784	1000	1059.06	5.91
Aroclor-1260	6	9.130	1000	1074.24	7.42
Aroclor-1260	7	9.350	1000	1123.99	12.40
Aroclor-1260	8	10.281	1000	1125.84	12.58

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.755	100	102.92	2.92
Decachlorobiphenyl(sur	10.713	100	92.77	7.23

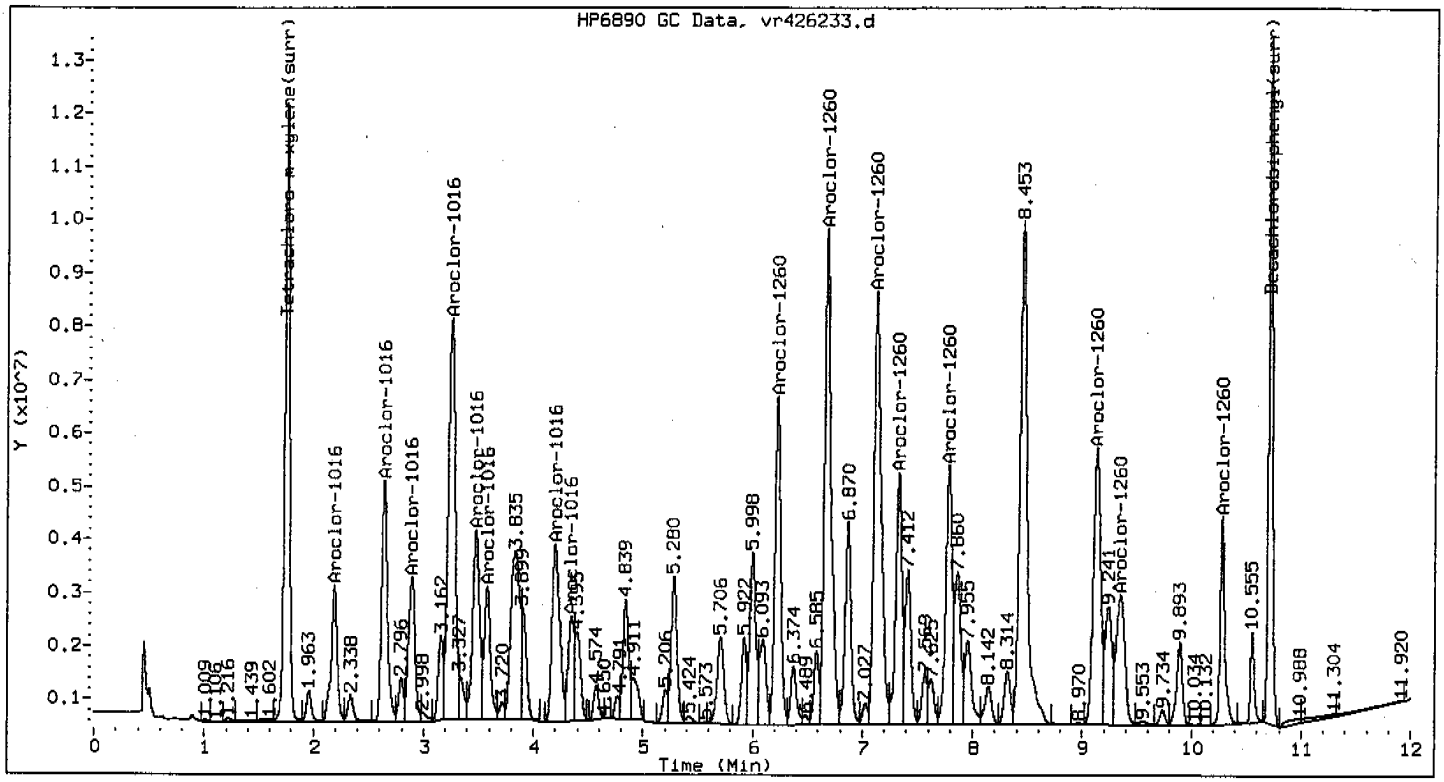
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b/vr426233.d
Injection Date: 17-DEC-2007 13:22

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.190	
	2.634	(2.564 - 2.704)	2.639	
	2.888	(2.818 - 2.958)	2.893	
	3.250	(3.180 - 3.320)	3.255	
	3.471	(3.401 - 3.541)	3.475	
	3.576	(3.506 - 3.646)	3.581	
	4.191	(4.121 - 4.261)	4.194	
	4.336	(4.266 - 4.406)	4.339	
Aroclor-1260	6.221	(6.151 - 6.291)	6.222	
	6.672	(6.602 - 6.742)	6.674	
	7.123	(7.053 - 7.193)	7.124	
	7.328	(7.258 - 7.398)	7.330	
	7.784	(7.714 - 7.854)	7.784	
	9.131	(9.061 - 9.201)	9.130	
	9.348	(9.278 - 9.418)	9.350	
	10.281	(10.211 - 10.351)	10.281	
Tetrachloro-m-xylene(surr)	1.750	(1.700 - 1.800)	1.755	
Decachlorobiphenyl(surr)	10.713	(10.613 - 10.813)	10.713	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b/06Vr8082.m
Sample Info : SG166013_00003B
Lab ID : SG166013_00003B
Inj Date : 17-DEC-2007 13:22
Operator : 615 12-17-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.190	2.190	0.000	9808072	1053.077	1053.077
(2)		2.639	2.639	0.000	16883650	1026.075	1026.075
(3)		2.893	2.893	0.000	11461755	1091.836	1091.836
(4)		3.255	3.255	0.000	34087696	994.573	994.573
(5)		3.475	3.475	0.000	15718115	1066.236	1066.236
(6)		3.581	3.581	0.000	10111227	1132.357	1132.357
(7)		4.194	4.194	0.000	16214690	1019.445	1019.445
(8)		4.339	4.339	0.000	7047259	984.133	984.133
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	6.222	6.222	0.000	22542069	1056.713	1056.713
(2)		6.674	6.674	0.000	39403392	1037.484	1037.484
(3)		7.124	7.124	0.000	37722445	1063.983	1063.983
(4)		7.330	7.330	0.000	18265471	1029.915	1029.915
(5)		7.784	7.784	0.000	19774769	1059.060	1059.060
(6)		9.130	9.130	0.000	24666376	1074.235	1074.235

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)		9.350	9.350	0.000	13292540	1123.990	1123.990
(8)		10.281	10.281	0.000	11681666	1125.844	1125.844
Average of peak concentrations:							1100.00
Tetrachloro-m-xylene(surr)		1.755	1.755	0.000	35347370	102.920	102.920
Decachlorobiphenyl(surr)	(M)	10.713	10.713	0.000	30336957	92.774	92.774

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07b.b/vf426233.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07b.b/06Vf8082.m

Sample Information: SG166013_00003B
Injection Date: 17-DEC-2007 13:22

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.987	1000	1023.56	2.36
Aroclor-1016	2	3.670	1000	1035.30	3.53
Aroclor-1016	3	4.109	1000	1041.11	4.11
Aroclor-1016	4	4.501	1000	1026.81	2.68
Aroclor-1016	5	4.745	1000	1026.92	2.69
Aroclor-1016	6	5.177	1000	1046.13	4.61
Aroclor-1016	7	5.564	1000	1062.62	6.26
Aroclor-1016	8	5.772	1000	1041.77	4.18
Aroclor-1260	1	7.769	1000	1076.81	7.68
Aroclor-1260	2	8.224	1000	1053.85	5.38
Aroclor-1260	3	9.088	1000	1072.43	7.24
Aroclor-1260	4	9.339	1000	1084.33	8.43
Aroclor-1260	5	9.462	1000	1129.82	12.98
Aroclor-1260	6	9.919	1000	1078.36	7.84
Aroclor-1260	7	10.633	1000	1016.75	1.68
Aroclor-1260	8	11.098	1000	1133.97	13.40

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.285	100	99.77	0.23
Decachlorobiphenyl(sur	11.529	100	99.86	0.14

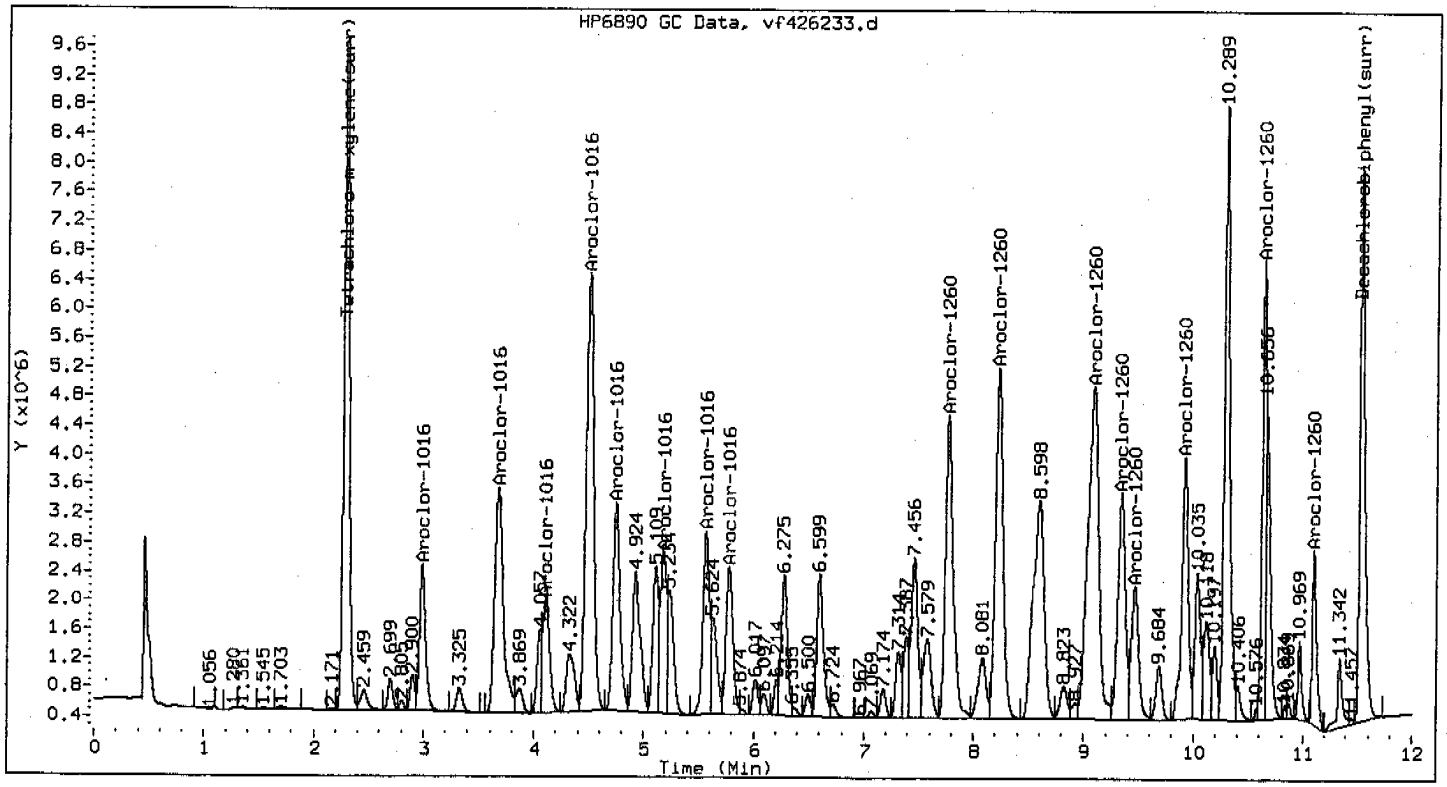
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07b.b/vf426233.d
Injection Date: 17-DEC-2007 13:22

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.987	
	3.667	(3.597 - 3.737)	3.670	
	4.107	(4.037 - 4.177)	4.109	
	4.498	(4.428 - 4.568)	4.501	
	4.742	(4.672 - 4.812)	4.745	
	5.175	(5.105 - 5.245)	5.177	
	5.562	(5.492 - 5.632)	5.564	
	5.770	(5.700 - 5.840)	5.772	
Aroclor-1260	7.768	(7.698 - 7.838)	7.769	
	8.223	(8.153 - 8.293)	8.224	
	9.088	(9.018 - 9.158)	9.088	
	9.338	(9.268 - 9.408)	9.339	
	9.463	(9.393 - 9.533)	9.462	
	9.919	(9.849 - 9.989)	9.919	
	10.633	(10.563 - 10.703)	10.633	
	11.098	(11.028 - 11.168)	11.098	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.285	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.529	



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07b.b/06Vf8082.m
Sample Info : SG166013_00003B
Lab ID : SG166013_00003B
Inj Date : 17-DEC-2007 13:22
Operator : 615
Cpnd Sublist: AR16600S

12-17-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.987	2.987	0.000	7682720	1023.559	1023.559
(2)		3.670	3.670	0.000	17066852	1035.299	1035.299
(3)		4.109	4.109	0.000	6699604	1041.110	1041.110
(4)		4.501	4.501	0.000	29810990	1026.812	1026.812
(5)		4.745	4.745	0.000	12691326	1026.919	1026.919
(6)		5.177	5.177	0.000	8497201	1046.130	1046.130
(7)		5.564	5.564	0.000	10053863	1062.622	1062.622
(8)		5.772	5.772	0.000	9100747	1041.773	1041.773
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.769	7.769	0.000	20616574	1076.813	1076.813
(2)		8.224	8.224	0.000	23288207	1053.846	1053.846
(3)		9.088	9.088	0.000	32160937	1072.433	1072.433
(4)		9.339	9.339	0.000	15234389	1084.329	1084.329
(5)		9.462	9.462	0.000	8404953	1129.816	1129.816
(6)		9.919	9.919	0.000	14768288	1078.361	1078.361

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.633	10.633	0.000	14923516	1016.752	1016.752
(8)	11.098	11.098	0.000	6569806	1133.970	1133.970
Average of peak concentrations:						1100.00
Tetrachloro-m-xylene(surr)	2.285	2.285	0.000	31954981	99.766	99.766
Decachlorobiphenyl(surr)	11.529	11.529	0.000	23081575	99.860	99.860

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/vr426259.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Vr8082.m

Sample Information: SG1660L3_00003C
Injection Date: 17-DEC-2007 20:10

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.190	1000	1012.56	1.26
Aroclor-1016	2	2.638	1000	991.80	0.82
Aroclor-1016	3	2.891	1000	1051.26	5.13
Aroclor-1016	4	3.253	1000	976.30	2.37
Aroclor-1016	5	3.474	1000	1053.60	5.36
Aroclor-1016	6	3.579	1000	1081.58	8.16
Aroclor-1016	7	4.193	1000	984.98	1.50
Aroclor-1016	8	4.338	1000	1054.78	5.48
Aroclor-1260	1	6.221	1000	1035.81	3.58
Aroclor-1260	2	6.673	1000	1017.59	1.76
Aroclor-1260	3	7.123	1000	1043.56	4.36
Aroclor-1260	4	7.329	1000	1030.25	3.02
Aroclor-1260	5	7.784	1000	1038.55	3.85
Aroclor-1260	6	9.129	1000	1051.78	5.18
Aroclor-1260	7	9.349	1000	1090.56	9.06
Aroclor-1260	8	10.280	1000	1051.52	5.15

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.755	100	100.09	0.09
Decachlorobiphenyl(sur	10.713	100	90.38	9.62

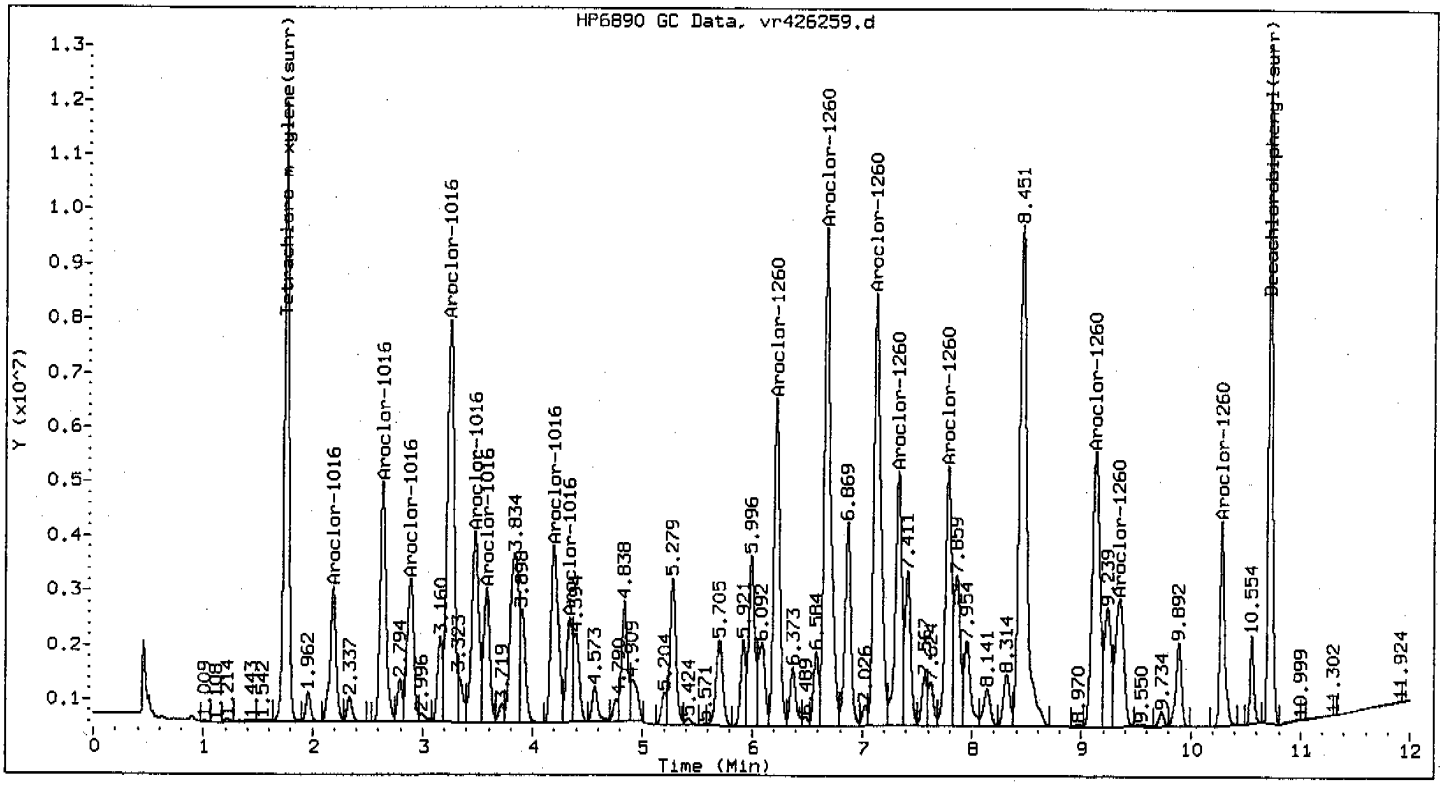
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/vr426259.d
Injection Date: 17-DEC-2007 20:10

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.190	
	2.634	(2.564 - 2.704)	2.638	
	2.888	(2.818 - 2.958)	2.891	
	3.250	(3.180 - 3.320)	3.253	
	3.471	(3.401 - 3.541)	3.474	
	3.576	(3.506 - 3.646)	3.579	
	4.191	(4.121 - 4.261)	4.193	
	4.336	(4.266 - 4.406)	4.338	
Aroclor-1260	6.221	(6.151 - 6.291)	6.221	
	6.672	(6.602 - 6.742)	6.673	
	7.123	(7.053 - 7.193)	7.123	
	7.328	(7.258 - 7.398)	7.329	
	7.784	(7.714 - 7.854)	7.784	
	9.131	(9.061 - 9.201)	9.129	
	9.348	(9.278 - 9.418)	9.349	
	10.281	(10.211 - 10.351)	10.280	
Tetrachloro-m-xylene (surr)	1.750	(1.700 - 1.800)	1.755	
Decachlorobiphenyl (surr)	10.713	(10.613 - 10.813)	10.713	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Vr8082.m
Sample Info : SG1660L3_00003C
Lab ID : SG1660L3_00003C
Inj Date : 17-DEC-2007 20:10
Operator : 615 12-18-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.190	2.190	0.000	9430726	1012.562	1012.562
(2)		2.638	2.638	0.000	16319678	991.801	991.801
(3)		2.891	2.891	0.000	11035761	1051.256	1051.256
(4)		3.253	3.253	0.000	33461335	976.298	976.298
(5)		3.474	3.474	0.000	15531866	1053.601	1053.601
(6)		3.579	3.579	0.000	9657816	1081.579	1081.579
(7)		4.193	4.193	0.000	15666502	984.980	984.980
(8)		4.338	4.338	0.000	7553120	1054.775	1054.775
Average of peak concentrations:							1000.00
Aroclor-1260		6.221	6.221	0.000	22096186	1035.811	1035.811
(2)		6.673	6.673	0.000	38647675	1017.586	1017.586
(3)		7.123	7.123	0.000	36998349	1043.560	1043.560
(4)		7.329	7.329	0.000	18271397	1030.249	1030.249
(5)		7.784	7.784	0.000	19391716	1038.545	1038.545
(6)		9.129	9.129	0.000	24150707	1051.777	1051.777

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.349	9.349	0.000	12897156	1090.557	1090.557
(8)	10.280	10.280	0.000	10910477	1051.519	1051.519
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	1.755	1.755	0.000	34374341	100.087	100.087
Decachlorobiphenyl(surr)	10.713	10.713	0.000	29553689	90.379	90.379

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07c.b/vf426259.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07c.b/06Vf8082.m

Sample Information: SG1660L3_00003C
Injection Date: 17-DEC-2007 20:10

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.986	1000	1003.13	0.31
Aroclor-1016	2	3.669	1000	1015.63	1.56
Aroclor-1016	3	4.109	1000	1033.41	3.34
Aroclor-1016	4	4.500	1000	1026.37	2.64
Aroclor-1016	5	4.744	1000	1046.26	4.63
Aroclor-1016	6	5.176	1000	1039.87	3.99
Aroclor-1016	7	5.563	1000	1020.31	2.03
Aroclor-1016	8	5.771	1000	1041.19	4.12
Aroclor-1260	1	7.768	1000	1053.51	5.35
Aroclor-1260	2	8.223	1000	1030.98	3.10
Aroclor-1260	3	9.086	1000	1049.09	4.91
Aroclor-1260	4	9.336	1000	1056.15	5.61
Aroclor-1260	5	9.460	1000	1095.69	9.57
Aroclor-1260	6	9.918	1000	1051.84	5.18
Aroclor-1260	7	10.632	1000	939.80	6.02
Aroclor-1260	8	11.096	1000	1033.42	3.34

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.284	100	97.97	2.03
Decachlorobiphenyl(sur	11.523	100	99.02	0.98

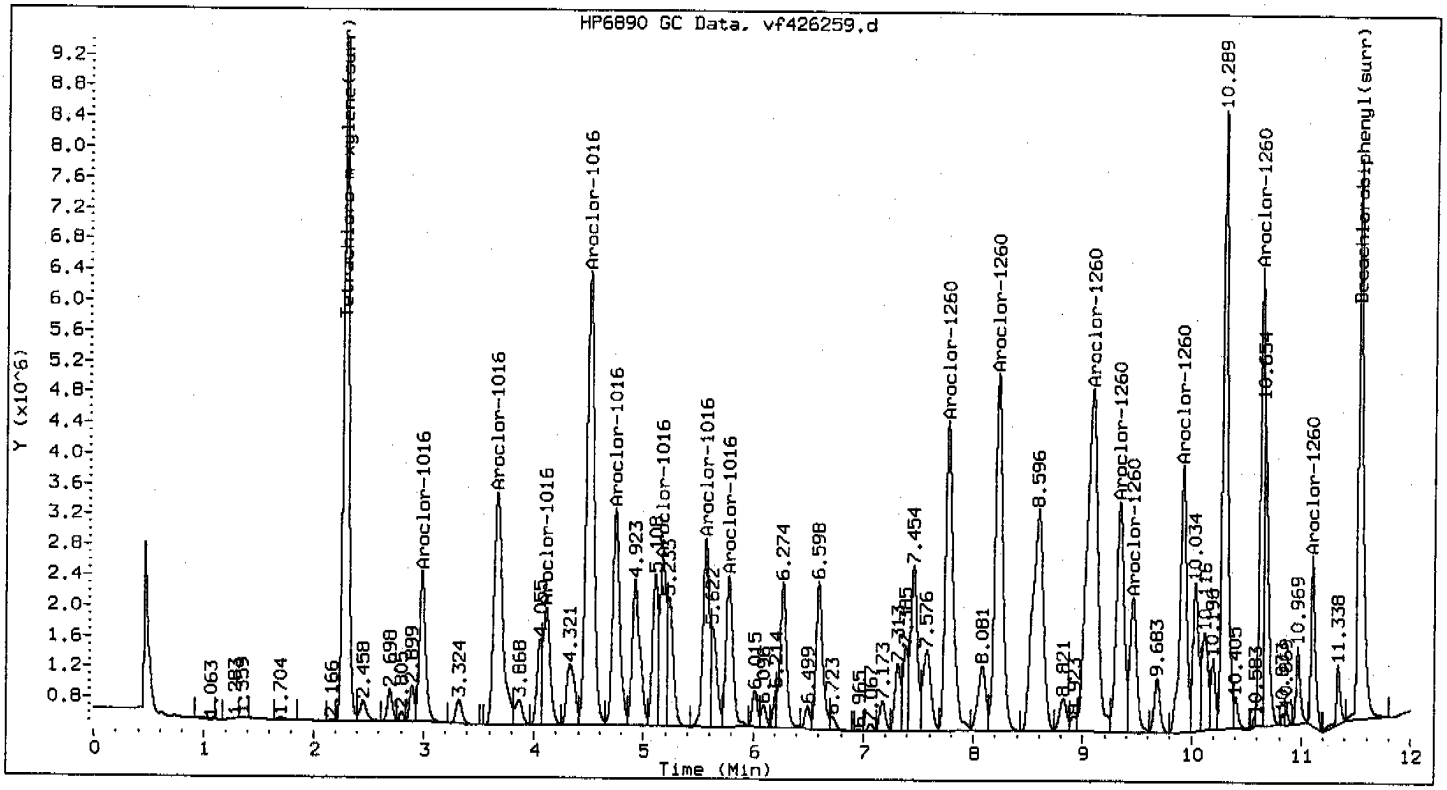
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07c.b/vf426259.d
Injection Date: 17-DEC-2007 20:10

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.986	
	3.667	(3.597 - 3.737)	3.669	
	4.107	(4.037 - 4.177)	4.109	
	4.498	(4.428 - 4.568)	4.500	
	4.742	(4.672 - 4.812)	4.744	
	5.175	(5.105 - 5.245)	5.176	
	5.562	(5.492 - 5.632)	5.563	
	5.770	(5.700 - 5.840)	5.771	
Aroclor-1260	7.768	(7.698 - 7.838)	7.768	
	8.223	(8.153 - 8.293)	8.223	
	9.088	(9.018 - 9.158)	9.086	
	9.338	(9.268 - 9.408)	9.336	
	9.463	(9.393 - 9.533)	9.460	
	9.919	(9.849 - 9.989)	9.918	
	10.633	(10.563 - 10.703)	10.632	
	11.098	(11.028 - 11.168)	11.096	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.284	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.523	



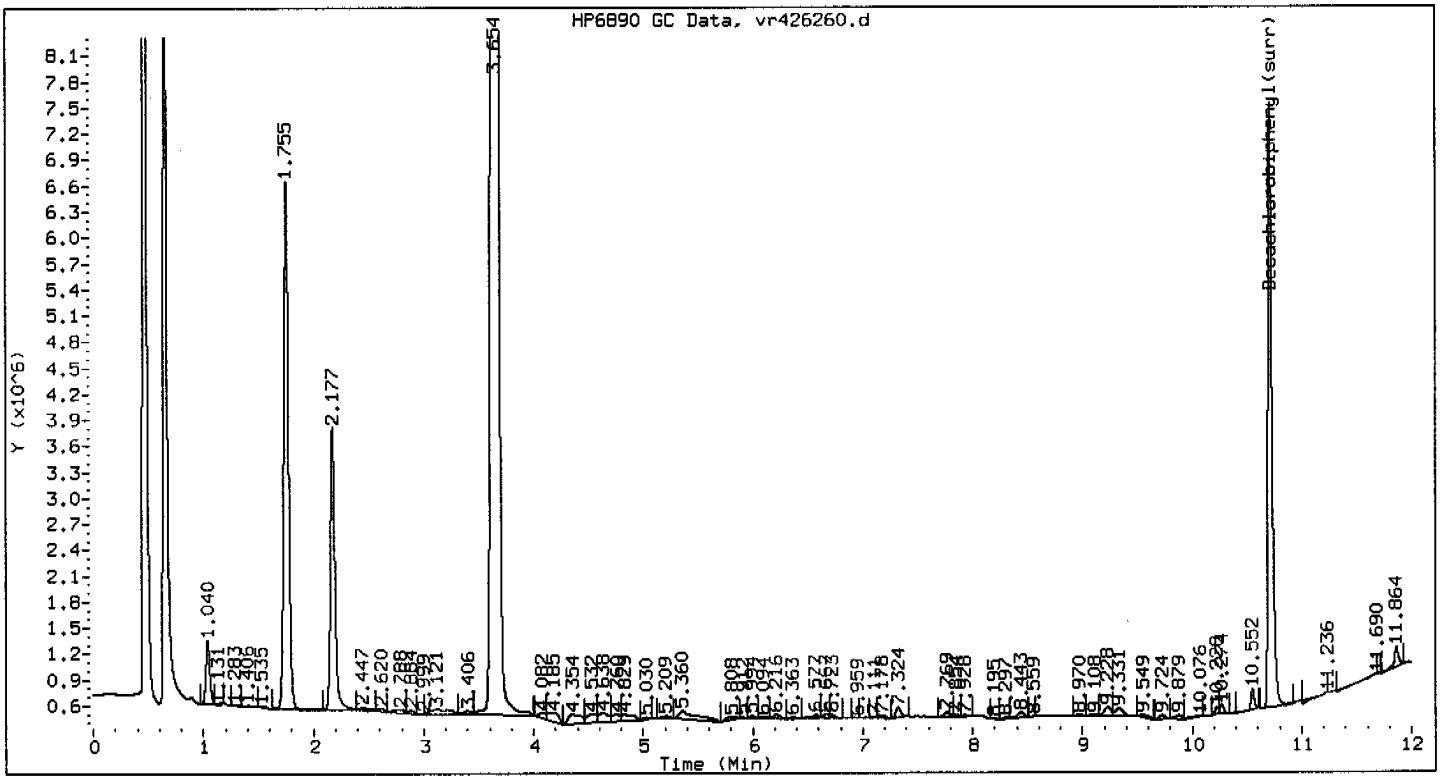
Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07c.b/06Vf8082.m
Sample Info : SG1660L3_00003C
Lab ID : SG1660L3_00003C
Inj Date : 17-DEC-2007 20:10
Operator : 615 12-18-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.986	2.986	0.000	7529415	1003.135	1003.135
(2)		3.669	3.669	0.000	16742688	1015.635	1015.635
(3)		4.109	4.109	0.000	6650045	1033.408	1033.408
(4)		4.500	4.500	0.000	29798280	1026.374	1026.374
(5)		4.744	4.744	0.000	12930349	1046.260	1046.260
(6)		5.176	5.176	0.000	8446340	1039.869	1039.869
(7)		5.563	5.563	0.000	9653538	1020.310	1020.310
(8)		5.771	5.771	0.000	9095695	1041.194	1041.194
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.768	7.768	0.000	20170345	1053.506	1053.506
(2)		8.223	8.223	0.000	22782918	1030.980	1030.980
(3)		9.086	9.086	0.000	31460918	1049.091	1049.091
(4)		9.336	9.336	0.000	14838446	1056.147	1056.147
(5)		9.460	9.460	0.000	8151063	1095.688	1095.688
(6)		9.918	9.918	0.000	14405019	1051.836	1051.836

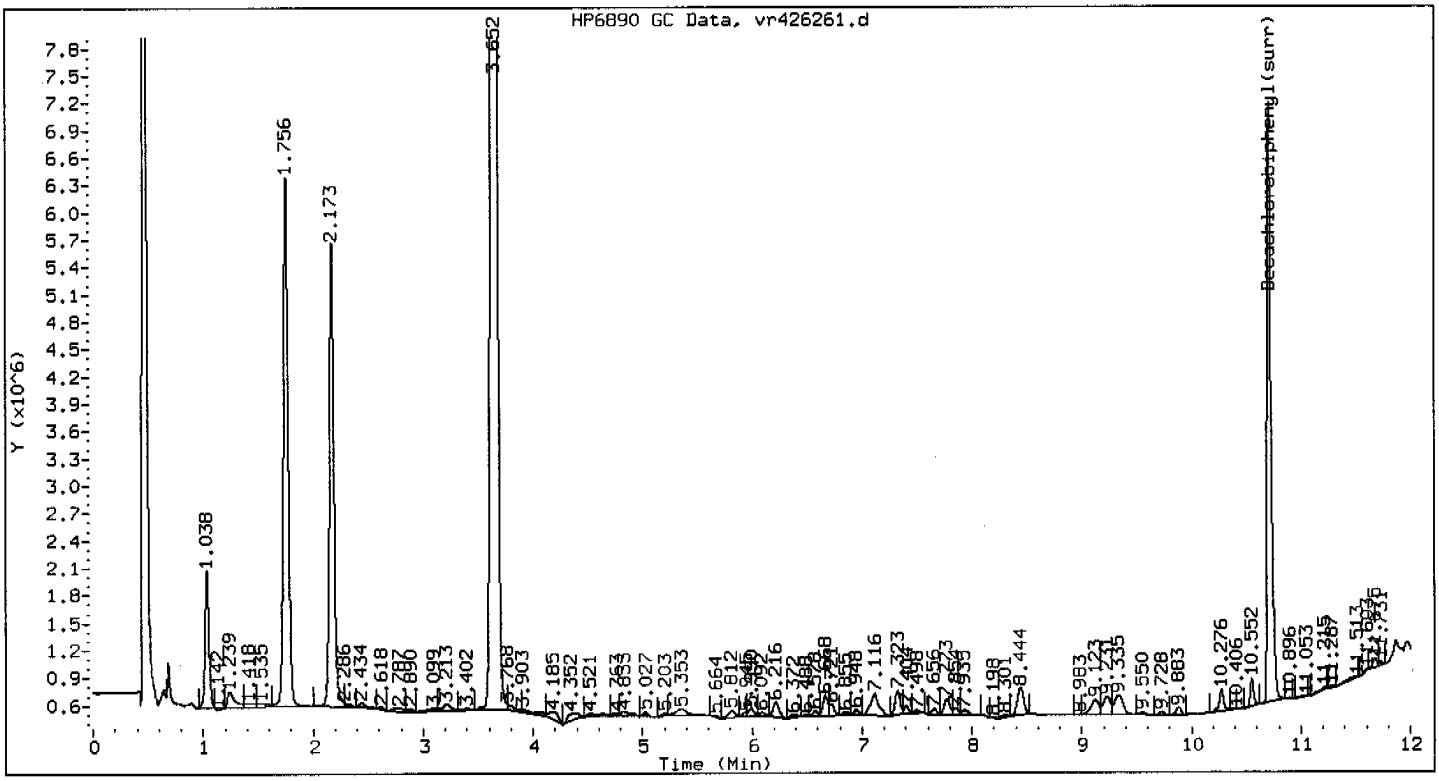
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.632	10.632	0.000	13794014	939.798	939.798
(8)	11.096	11.096	0.000	5987235	1033.416	1033.416
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	2.284	2.284	0.000	31378835	97.967	97.967
Decachlorobiphenyl(surr)	11.523	11.523	0.000	22888202	99.023	99.023

COMMENTS:
M - Compound response manually integrated.



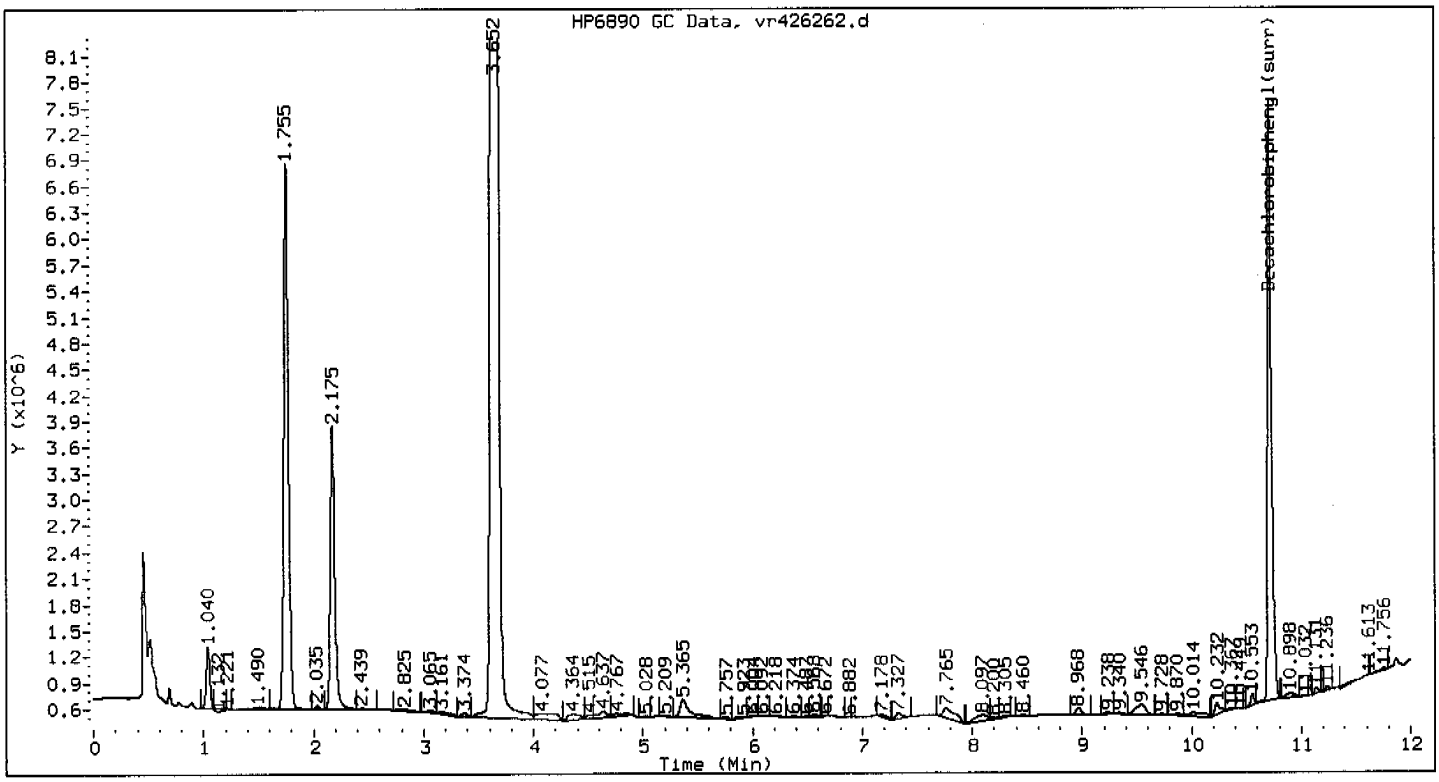
Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Vr8082.m
Sample Info : 884092;4040160
Lab ID : 884092 Inst ID : PESTGC9.i
Inj Date : 17-DEC-2007 20:25 Dil Factor : 1
Operator : 615 Sample Matrix : SOIL
Cpnd Sublist: PCB8082+ Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.711	10.713	0.002	17437221	53.325	62.042



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Vr8082.m
Sample Info : 884093;4040163
Lab ID : 884093 Inst ID : PESTGC9.i
Inj Date : 17-DEC-2007 20:40 Dil Factor : 1
Operator : 615 12-19-07 Sample Matrix : SOIL
Cpnd Sublist: PCB8082+ Sample Type: SAMPLE

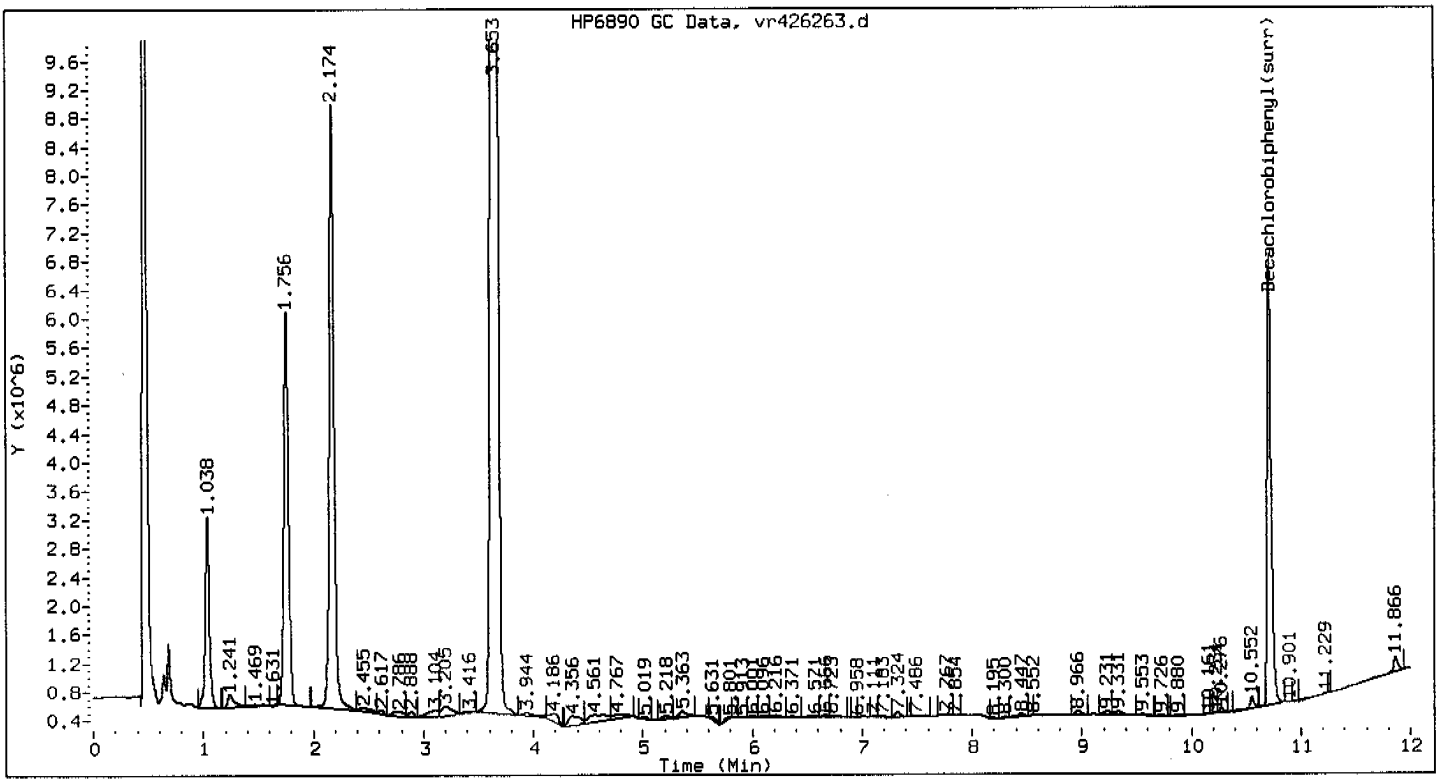
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.711	10.713	0.002	16194472	49.525	58.958



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Vr8082.m
Sample Info : 884094;4040166
Lab ID : 884094
Inj Date : 17-DEC-2007 20:56
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

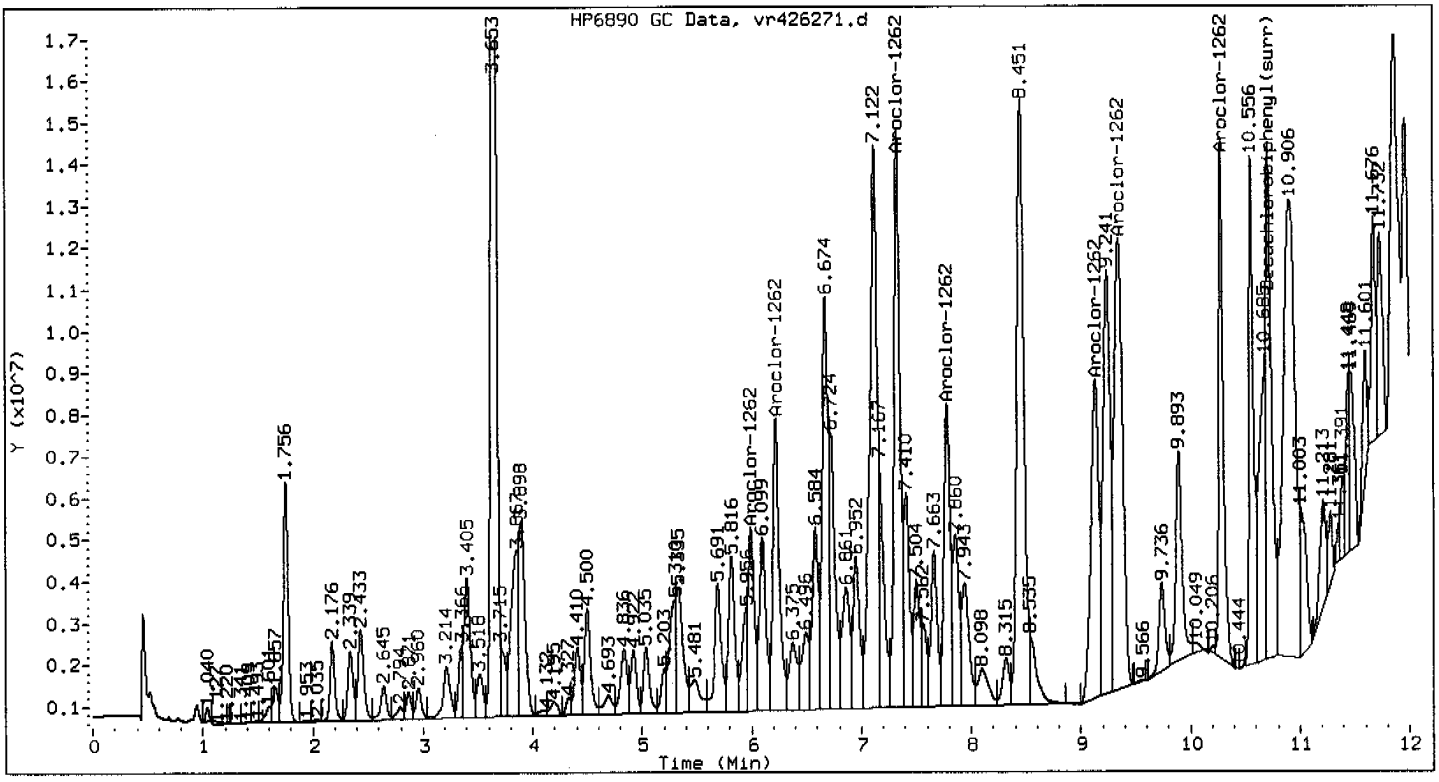
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.712	10.713	0.001	16690704	51.042	59.909



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Vr8082.m
Sample Info : 884095;4040169
Lab ID : 884095
Inj Date : 17-DEC-2007 21:11
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.711	10.713	0.002	15489424	47.369	58.697



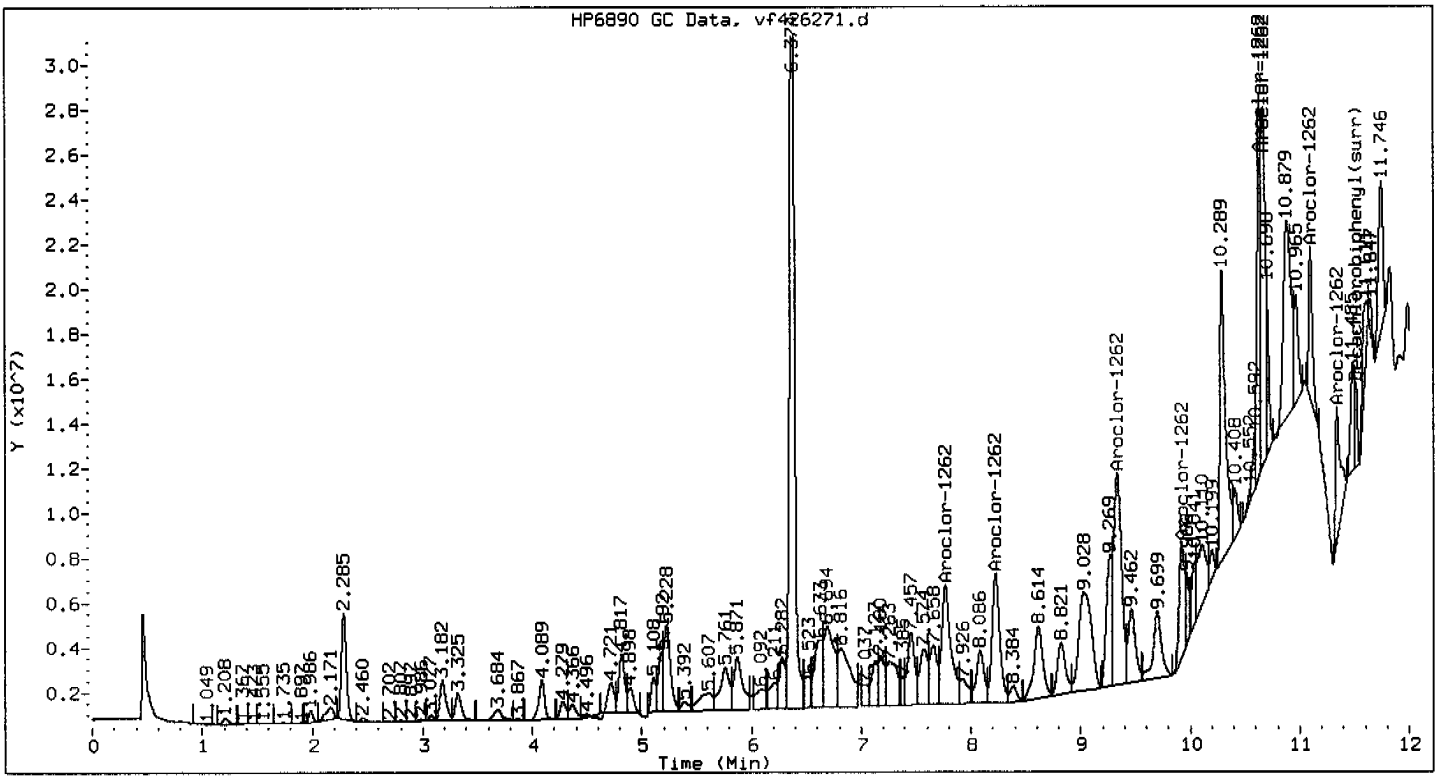
Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Vr8082.m
Sample Info : 884103;4040193
Lab ID : 884103
Inj Date : 17-DEC-2007 23:13
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	(M)	5.996	5.995	0.000	17558451	1379.624	1490.679	
(2)		6.222	6.220	0.002	29740515	1650.297	1783.141	
(3)		------	7.122	------	------	------	------	(*)
(4)		7.329	7.329	0.000	53905789	1908.976	2062.643	
(5)		7.782	7.782	0.000	29773036	1137.228	1228.771	
(6)		9.134	9.128	0.006	38560669	1951.387	2108.468	
(7)		9.345	9.345	0.001	58693264	2235.613	2415.573	
(8)		10.281	10.280	0.000	35322574	1818.906	1965.323	
Average of peak concentrations:							1900.00	
Decachlorobiphenyl(surr)	(M)	10.711	10.713	0.001	45567445	139.351	150.568	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



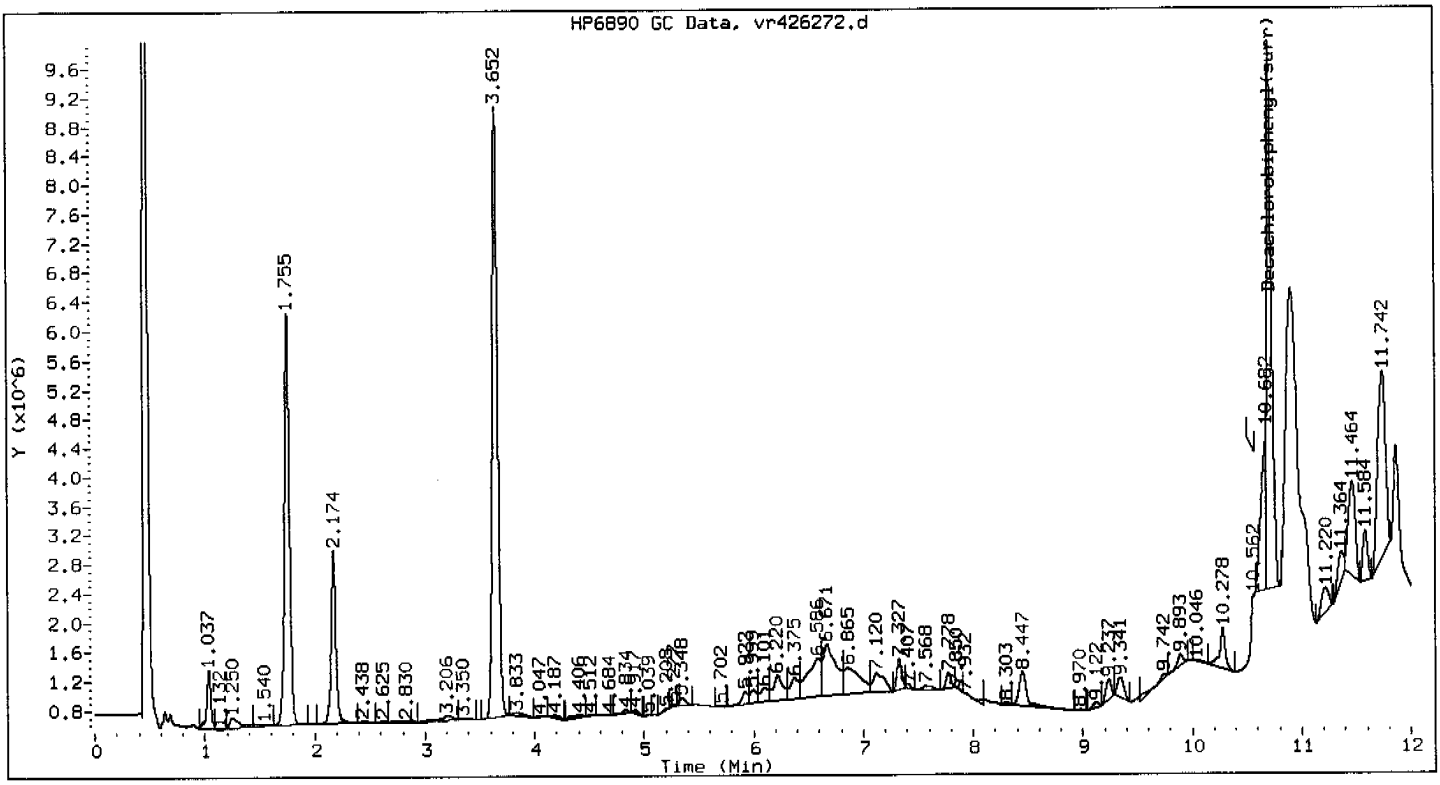
Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07c.b/06Vf8082.m
Sample Info : 884103;4040193
Lab ID : 884103
Inj Date : 17-DEC-2007 23:13
Operator : 615 12-19-07
Cpnd Sublist: PCB8082

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1262	(M)	7.767	7.767	0.000	31634040	2026.204	2189.307
(2)		8.224	8.223	0.001	28453047	1562.773	1688.572
(3)		9.335	9.337	0.002	48763834	1989.969	2150.155
(4)		9.922	9.919	0.003	16945887	890.958	962.678
(5)		10.631	10.630	0.000	36715592	2113.171	2283.275
(6)		10.662	10.663	0.001	42114430	1985.067	2144.859
(7)		11.096	11.098	0.002	15874770	1363.995	1473.792
(8)		------	11.340	------	------	------	------ (*)
Average of peak concentrations:							1800.00
Decachlorobiphenyl(surr)	(M)	11.512	11.523	0.010	6151069	26.612	28.754

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



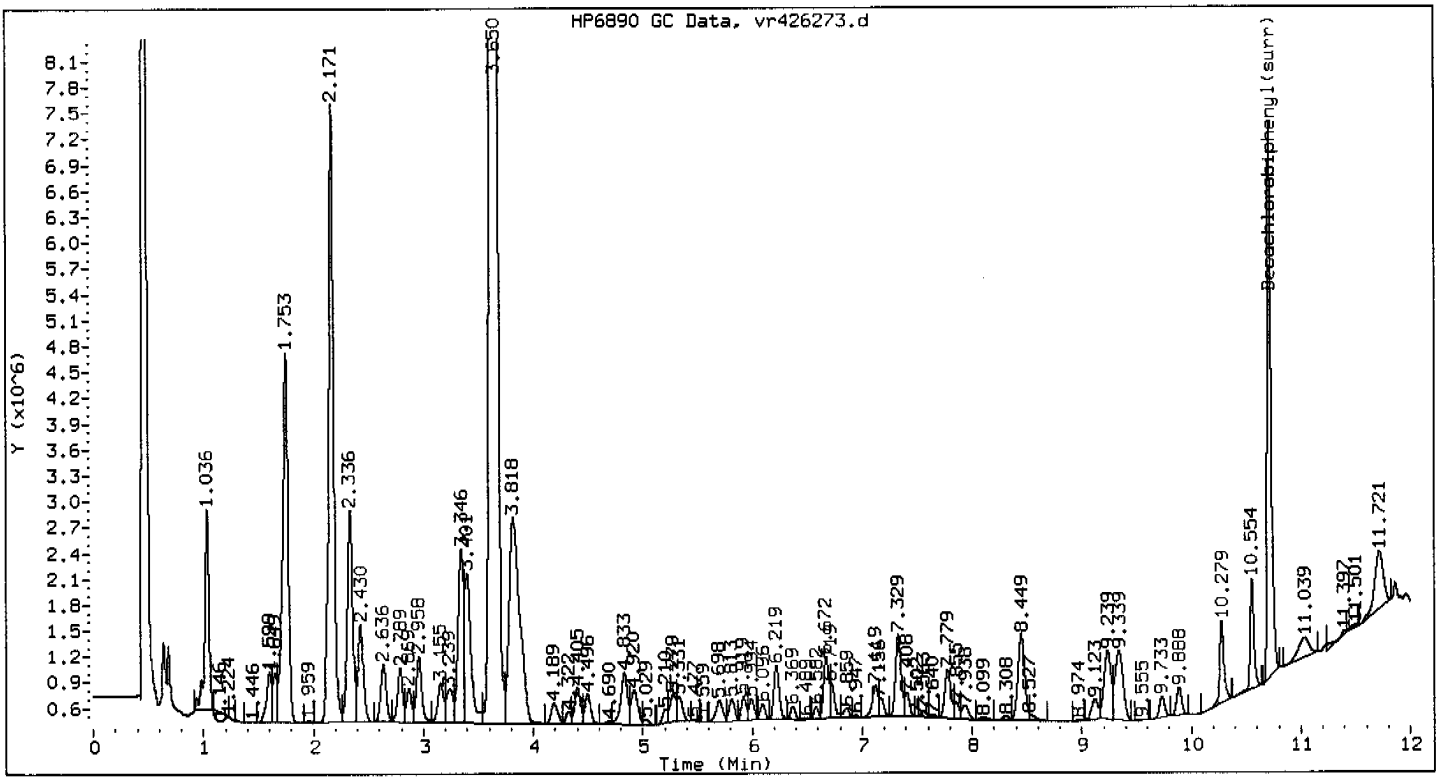
Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Vr8082.m
Sample Info : 884105;4040199
Lab ID : 884105
Inj Date : 17-DEC-2007 23:28
Operator : 615 LS 12-19-07
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	(M)	10.712	10.713	0.001	21610785	66.089	74.173

COMMENTS:

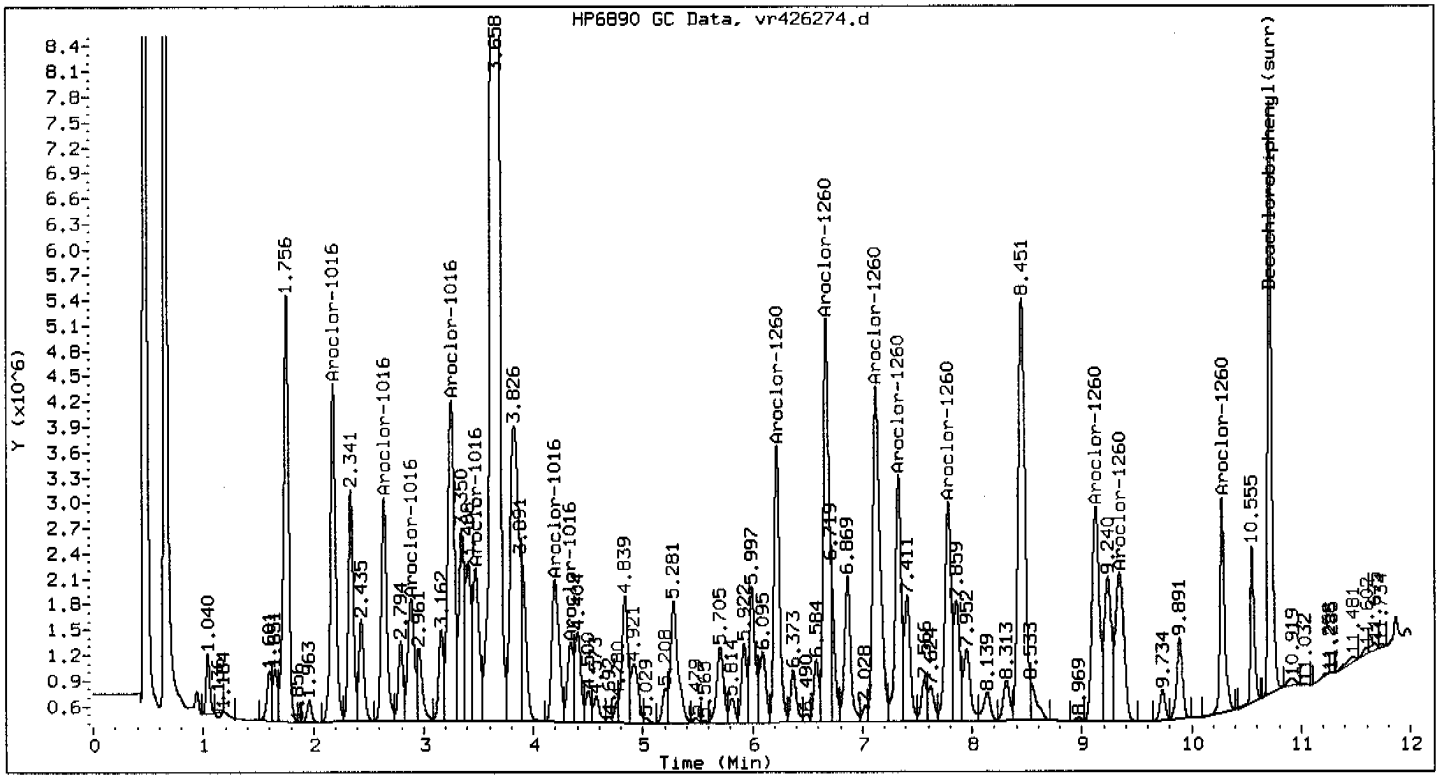
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Vr8082.m
Sample Info : 884104;4040196
Lab ID : 884104
Inj Date : 17-DEC-2007 23:43
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.712	10.713	0.001	15501419	47.405	37.534



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Vr8082.m
Sample Info : 884104MS;405104
Lab ID : 884104MS
Inj Date : 17-DEC-2007 23:58
Operator : 615
Cpnd Sublist: PCB8082+ 12-19-07

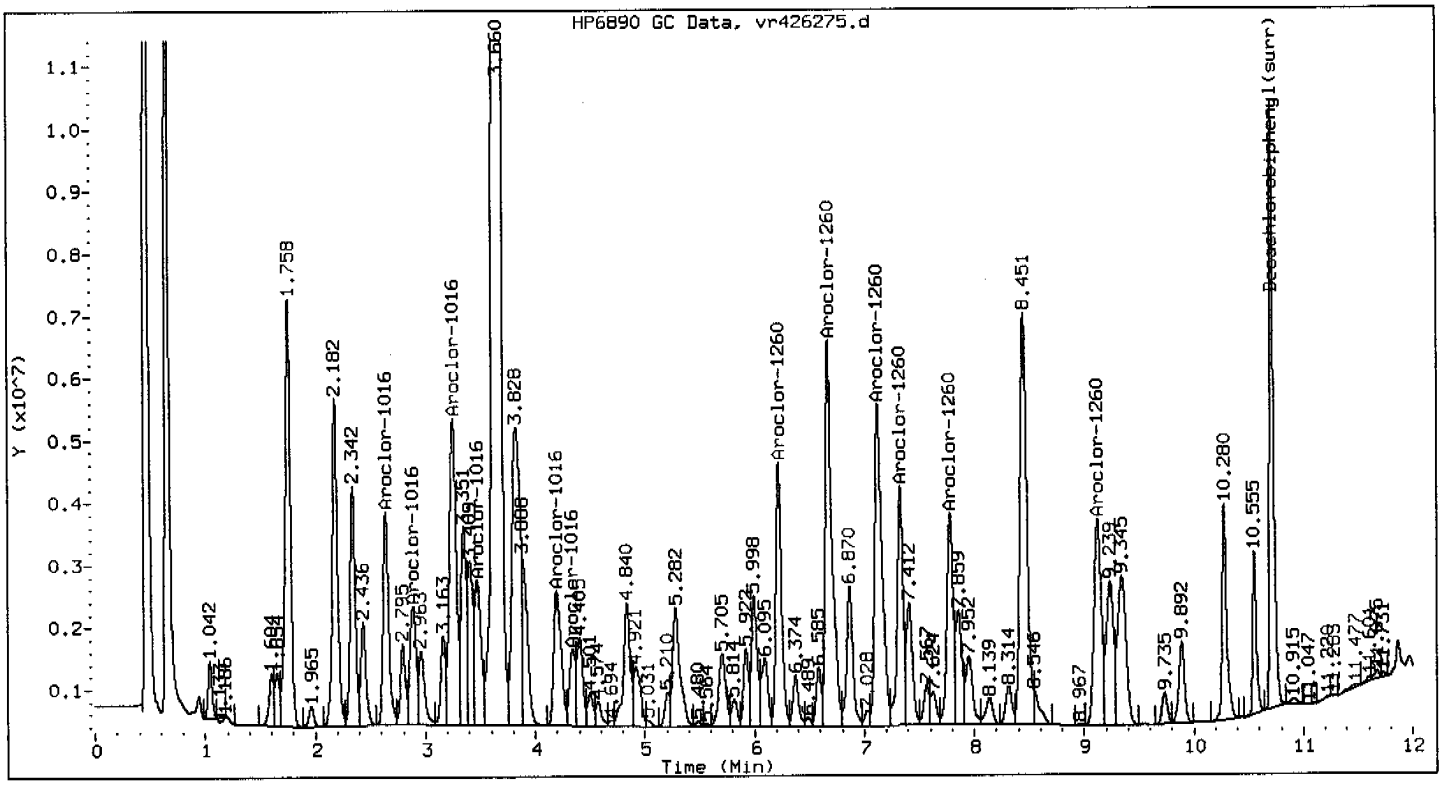
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: MS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	------	2.190	------	------	------	------ (*)
(2)		2.641	2.638	0.003	9252837	562.325	445.230
(3)		2.889	2.891	0.002	6018336	573.301	453.920
(4)		3.256	3.253	0.003	16482084	480.896	380.757
(5)		3.475	3.474	0.001	7609614	516.197	408.707
(6)		------	3.579	------	------	------	------ (*)
(7)		4.195	4.193	0.002	7783329	489.351	387.451
(8)		4.339	4.338	0.001	3321348	463.818	367.235
Average of peak concentrations:							410.00
Aroclor-1260	(M)	6.222	6.221	0.001	11747249	550.680	436.010
(2)		6.673	6.673	0.000	16698793	439.676	348.121
(3)		7.124	7.123	0.001	18443432	520.208	411.883
(4)		7.330	7.329	0.001	11293132	636.774	504.175
(5)		7.783	7.784	0.001	10465136	560.472	443.763
(6)		9.129	9.129	0.000	11797636	513.794	406.804

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.345	9.349	0.004	9374892	792.722	627.650
(8)	10.280	10.280	0.001	7242638	698.023	552.671
Average of peak concentrations:						470.00
Decachlorobiphenyl(surr)	10.712	10.713	0.001	17065437	52.188	41.321

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Vr8082.m
Sample Info : 884104SD;4051046
Lab ID : 884104MSD
Inj Date : 18-DEC-2007 00:14
Operator : 615
Cpnd Sublist: PCB8082+ 12-19-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: MSD

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	------	2.190	------	------	------	------ (*)
(2)		2.642	2.638	0.004	12149155	738.344	584.596
(3)		2.889	2.891	0.002	7605144	724.459	573.602
(4)		3.256	3.253	0.003	21418398	624.923	494.792
(5)		3.474	3.474	0.001	9749530	661.358	523.640
(6)		------	3.579	------	------	------	------ (*)
(7)		4.196	4.193	0.003	10157943	638.647	505.659
(8)		4.340	4.338	0.002	4403091	614.881	486.842
Average of peak concentrations:							530.00
Aroclor-1260		6.222	6.221	0.001	15207452	712.885	564.438
(2)		6.674	6.673	0.001	26507381	697.935	552.601
(3)		7.124	7.123	0.001	23970833	676.111	535.322
(4)		7.330	7.329	0.001	14826327	835.996	661.913
(5)		7.783	7.784	0.001	13767133	737.314	583.780
(6)		9.128	9.129	0.002	15407063	670.987	531.264

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)	
(7)	------	9.349	------	------	------	------	(*)
(8)	------	10.280	------	------	------	------	(*)
Average of peak concentrations:						570.00	
Decachlorobiphenyl(surr)	10.712	10.713	0.001	23793758	72.764	57.612	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/vr426283.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Vr8082.m

Sample Information: SG1660L3_000003D
Injection Date: 18-DEC-2007 02:15

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.191	1000	1005.70	0.57
Aroclor-1016	2	2.639	1000	989.68	1.03
Aroclor-1016	3	2.894	1000	1046.71	4.67
Aroclor-1016	4	3.255	1000	971.31	2.87
Aroclor-1016	5	3.476	1000	1055.03	5.50
Aroclor-1016	6	3.582	1000	1119.51	11.95
Aroclor-1016	7	4.195	1000	982.20	1.78
Aroclor-1016	8	4.341	1000	1029.39	2.94
Aroclor-1260	1	6.223	1000	1052.25	5.22
Aroclor-1260	2	6.674	1000	1027.73	2.77
Aroclor-1260	3	7.125	1000	1054.72	5.47
Aroclor-1260	4	7.332	1000	985.33	1.47
Aroclor-1260	5	7.785	1000	1048.41	4.84
Aroclor-1260	6	9.132	1000	1046.98	4.70
Aroclor-1260	7	9.350	1000	1088.01	8.80
Aroclor-1260	8	10.281	1000	1052.42	5.24

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.756	100	98.89	1.11
Decachlorobiphenyl(sur	10.713	100	91.01	8.99

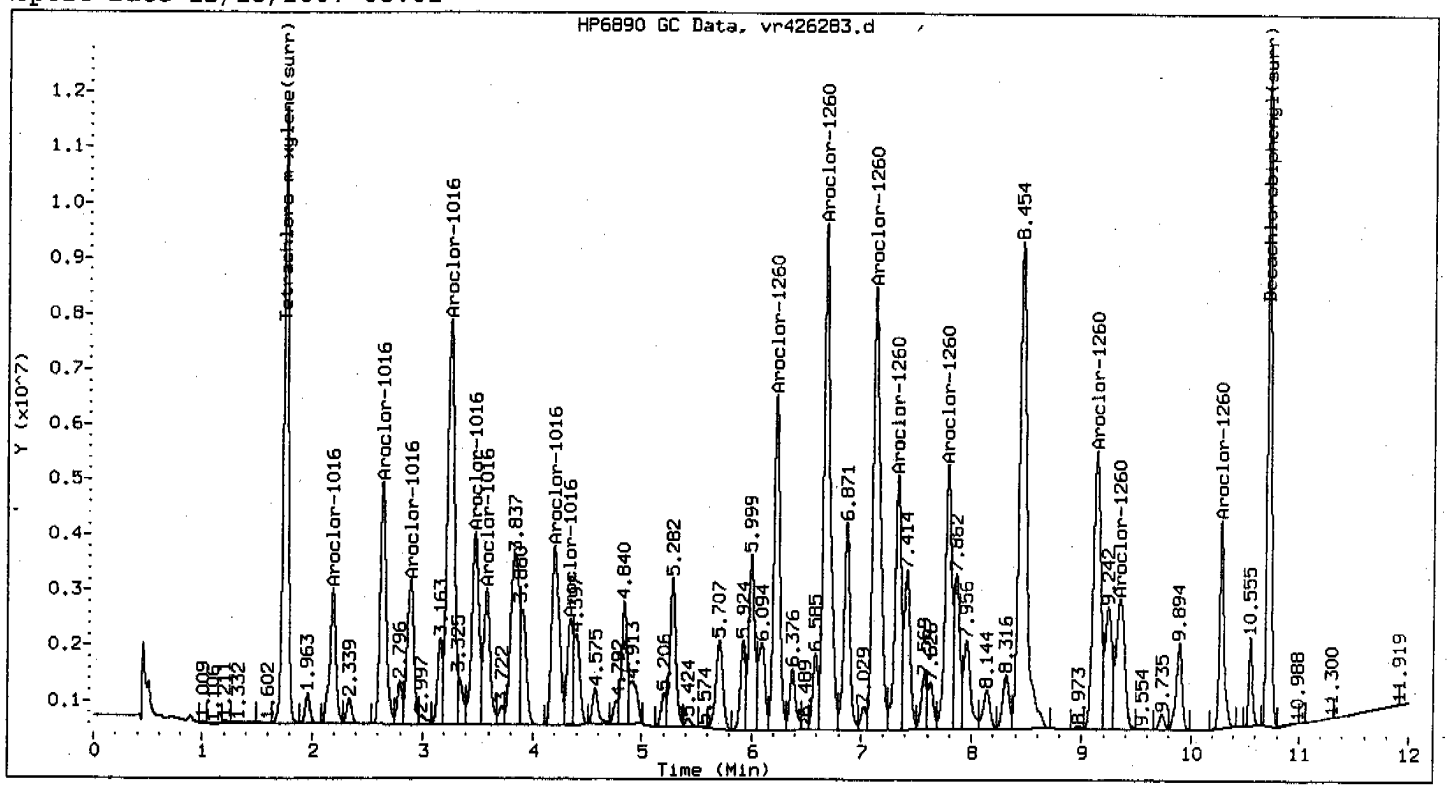
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/vr426283.d
Injection Date: 18-DEC-2007 02:15

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.191	
	2.634	(2.564 - 2.704)	2.639	
	2.888	(2.818 - 2.958)	2.894	
	3.250	(3.180 - 3.320)	3.255	
	3.471	(3.401 - 3.541)	3.476	
	3.576	(3.506 - 3.646)	3.582	
	4.191	(4.121 - 4.261)	4.195	
	4.336	(4.266 - 4.406)	4.341	
Aroclor-1260	6.221	(6.151 - 6.291)	6.223	
	6.672	(6.602 - 6.742)	6.674	
	7.123	(7.053 - 7.193)	7.125	
	7.328	(7.258 - 7.398)	7.332	
	7.784	(7.714 - 7.854)	7.785	
	9.131	(9.061 - 9.201)	9.132	
	9.348	(9.278 - 9.418)	9.350	
	10.281	(10.211 - 10.351)	10.281	
Tetrachloro-m-xylene(surr)	1.750	(1.700 - 1.800)	1.756	
Decachlorobiphenyl(surr)	10.713	(10.613 - 10.813)	10.713	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Vr8082.m
Sample Info : SG1660L3_000003D
Lab ID : SG1660L3_000003D
Inj Date : 18-DEC-2007 02:15
Operator : 615 B 12-18-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.191	2.191	0.000	9366805	1005.698	1005.698
(2)		2.639	2.639	0.000	16284773	989.679	989.679
(3)		2.894	2.894	0.000	10988079	1046.714	1046.714
(4)		3.255	3.255	0.000	33290292	971.308	971.308
(5)		3.476	3.476	0.000	15552920	1055.030	1055.030
(6)		3.582	3.582	0.000	9996517	1119.510	1119.510
(7)		4.195	4.195	0.000	15622268	982.199	982.199
(8)		4.341	4.341	0.000	7371366	1029.394	1029.394
Average of peak concentrations:							1000.00
Aroclor-1260		6.223	6.223	0.000	22446788	1052.246	1052.246
(2)		6.674	6.674	0.000	39032761	1027.726	1027.726
(3)		7.125	7.125	0.000	37393969	1054.719	1054.719
(4)		7.332	7.332	0.000	17474680	985.326	985.326
(5)		7.785	7.785	0.000	19575926	1048.411	1048.411
(6)		9.132	9.132	0.000	24040518	1046.979	1046.979

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.350	9.350	0.000	12867031	1088.010	1088.010
(8)	10.281	10.281	0.000	10919828	1052.420	1052.420
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	1.756	1.756	0.000	33964362	98.893	98.893
Decachlorobiphenyl(surr)	10.713	10.713	0.000	29759409	91.008	91.008

COMMENTS:

M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07d.b/vf426283.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07d.b/06Vf8082.m

Sample Information: SG1660L3_000003D
Injection Date: 18-DEC-2007 02:15

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.987	1000	1006.12	0.61
Aroclor-1016	2	3.671	1000	1016.56	1.66
Aroclor-1016	3	4.110	1000	937.26	6.27
Aroclor-1016	4	4.502	1000	1023.76	2.38
Aroclor-1016	5	4.745	1000	1037.13	3.71
Aroclor-1016	6	5.177	1000	1038.50	3.85
Aroclor-1016	7	5.564	1000	1032.12	3.21
Aroclor-1016	8	5.773	1000	1034.37	3.44
Aroclor-1260	1	7.769	1000	1054.74	5.47
Aroclor-1260	2	8.225	1000	1031.10	3.11
Aroclor-1260	3	9.088	1000	1047.35	4.73
Aroclor-1260	4	9.339	1000	1047.40	4.74
Aroclor-1260	5	9.461	1000	1060.44	6.04
Aroclor-1260	6	9.919	1000	1064.01	6.40
Aroclor-1260	7	10.633	1000	971.94	2.81
Aroclor-1260	8	11.096	1000	1084.71	8.47

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.285	100	98.13	1.87
Decachlorobiphenyl(sur	11.520	100	95.71	4.29

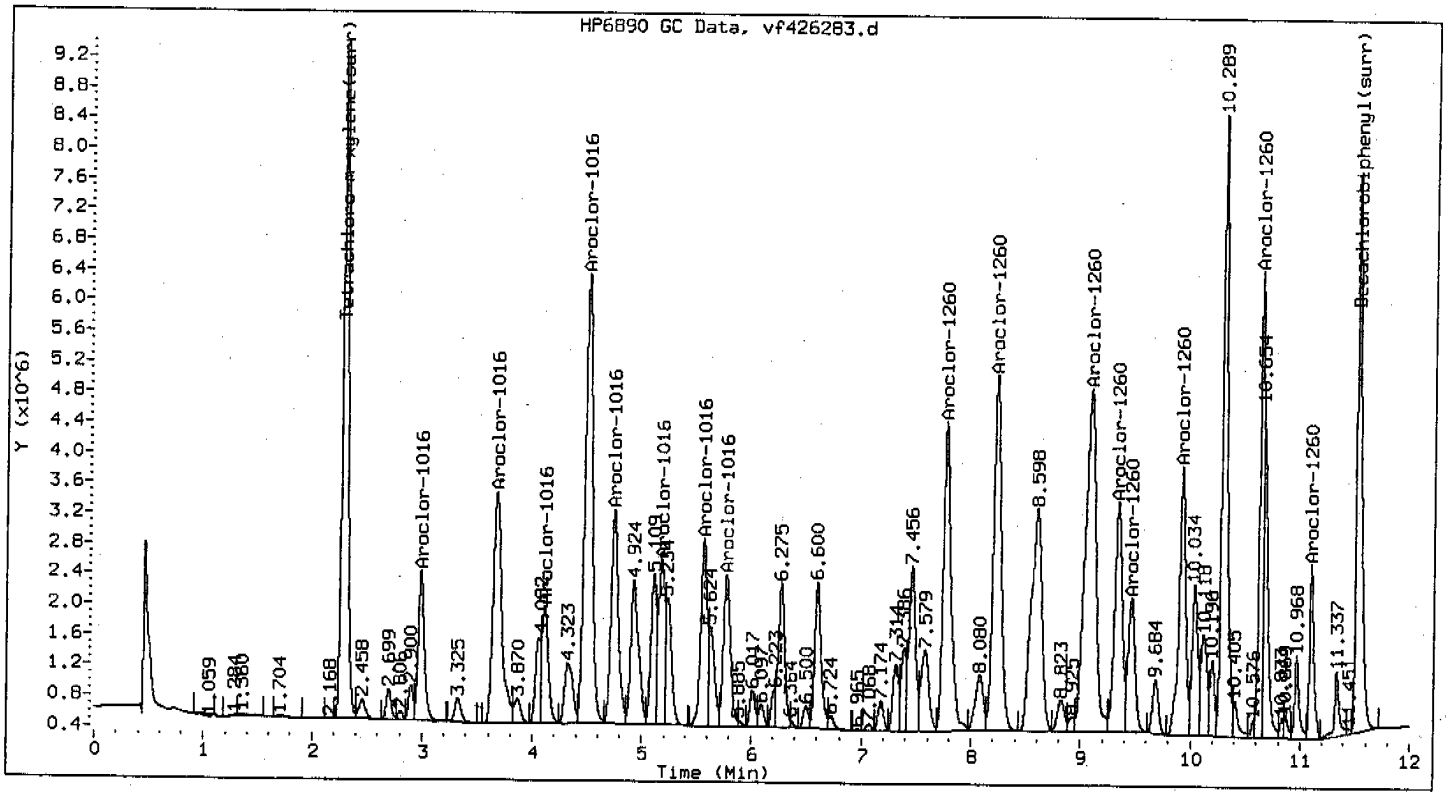
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07d.b/vf426283.d
Injection Date: 18-DEC-2007 02:15

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.987	
	3.667	(3.597 - 3.737)	3.671	
	4.107	(4.037 - 4.177)	4.110	
	4.498	(4.428 - 4.568)	4.502	
	4.742	(4.672 - 4.812)	4.745	
	5.175	(5.105 - 5.245)	5.177	
	5.562	(5.492 - 5.632)	5.564	
	5.770	(5.700 - 5.840)	5.773	
Aroclor-1260	7.768	(7.698 - 7.838)	7.769	
	8.223	(8.153 - 8.293)	8.225	
	9.088	(9.018 - 9.158)	9.088	
	9.338	(9.268 - 9.408)	9.339	
	9.463	(9.393 - 9.533)	9.461	
	9.919	(9.849 - 9.989)	9.919	
	10.633	(10.563 - 10.703)	10.633	
	11.098	(11.028 - 11.168)	11.096	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.285	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.520	



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07d.b/06Vf8082.m
Sample Info : SG1660L3_000003D
Lab ID : SG1660L3_000003D
Inj Date : 18-DEC-2007 02:15
Operator : 615 12-18-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.987	2.987	0.000	7551806	1006.118	1006.118
(2)		3.671	3.671	0.000	16757937	1016.560	1016.560
(3)		4.110	4.110	0.000	6031307	937.257	937.257
(4)		4.502	4.502	0.000	29722303	1023.757	1023.757
(5)		4.745	4.745	0.000	12817465	1037.126	1037.126
(6)		5.177	5.177	0.000	8435237	1038.502	1038.502
(7)		5.564	5.564	0.000	9765239	1032.116	1032.116
(8)		5.773	5.773	0.000	9036069	1034.369	1034.369
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.769	7.769	0.000	20193996	1054.741	1054.741
(2)		8.225	8.225	0.000	22785661	1031.104	1031.104
(3)		9.088	9.088	0.000	31408605	1047.346	1047.346
(4)		9.339	9.339	0.000	14715508	1047.397	1047.397
(5)		9.461	9.461	0.000	7888851	1060.440	1060.440
(6)		9.919	9.919	0.000	14571790	1064.013	1064.013

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.633	10.633	0.000	14265847	971.944	971.944
(8)	11.096	11.096	0.000	6284440	1084.715	1084.715
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	2.285	2.285	0.000	31432522	98.135	98.135
Decachlorobiphenyl(surr)	11.520	11.520	0.000	22123343	95.714	95.714

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/vr426333.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m

Sample Information: SG1660L3_00003G
Injection Date: 18-DEC-2007 15:05

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.188	1000	1033.01	3.30
Aroclor-1016	2	2.636	1000	1031.15	3.11
Aroclor-1016	3	2.888	1000	1086.57	8.66
Aroclor-1016	4	3.250	1000	1014.86	1.49
Aroclor-1016	5	3.472	1000	1101.50	10.15
Aroclor-1016	6	3.578	1000	1100.00	10.00
Aroclor-1016	7	4.192	1000	1007.56	0.76
Aroclor-1016	8	4.337	1000	1112.22	11.22
Aroclor-1260	1	6.220	1000	1073.18	7.32
Aroclor-1260	2	6.671	1000	1046.60	4.66
Aroclor-1260	3	7.122	1000	1071.67	7.17
Aroclor-1260	4	7.328	1000	1001.77	0.18
Aroclor-1260	5	7.783	1000	1056.97	5.70
Aroclor-1260	6	9.128	1000	1055.73	5.57
Aroclor-1260	7	9.348	1000	1103.98	10.40
Aroclor-1260	8	10.279	1000	1081.51	8.15

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.753	100	103.86	3.86
Decachlorobiphenyl(sur	10.712	100	86.50	13.50

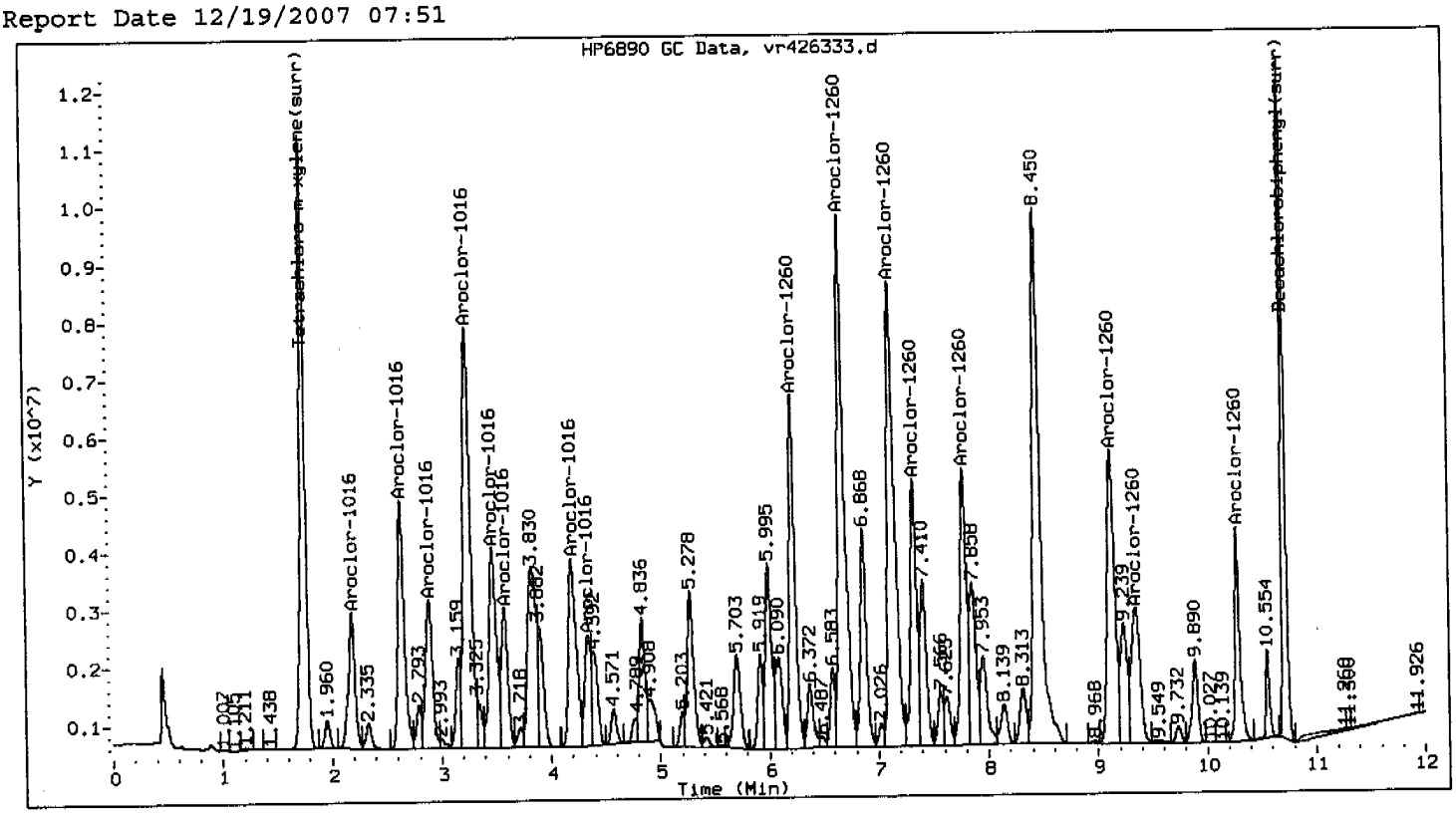
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/vr426333.d
Injection Date: 18-DEC-2007 15:05

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.188	
	2.634	(2.564 - 2.704)	2.636	
	2.888	(2.818 - 2.958)	2.888	
	3.250	(3.180 - 3.320)	3.250	
	3.471	(3.401 - 3.541)	3.472	
	3.576	(3.506 - 3.646)	3.578	
	4.191	(4.121 - 4.261)	4.192	
	4.336	(4.266 - 4.406)	4.337	
Aroclor-1260	6.221	(6.151 - 6.291)	6.220	
	6.672	(6.602 - 6.742)	6.671	
	7.123	(7.053 - 7.193)	7.122	
	7.328	(7.258 - 7.398)	7.328	
	7.784	(7.714 - 7.854)	7.783	
	9.131	(9.061 - 9.201)	9.128	
	9.348	(9.278 - 9.418)	9.348	
	10.281	(10.211 - 10.351)	10.279	
Tetrachloro-m-xylene(surr)	1.750	(1.700 - 1.800)	1.753	
Decachlorobiphenyl(surr)	10.713	(10.613 - 10.813)	10.712	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m
Sample Info : SG1660L3_00003G
Lab ID : SG1660L3_00003G
Inj Date : 18-DEC-2007 15:05
Operator : 615
Cpnd Sublist: AR16600S 12-18-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.188	2.188	0.000	9621150	1033.007	1033.007
(2)		2.636	2.636	0.000	16967082	1031.146	1031.146
(3)		2.888	2.888	0.000	11406429	1086.565	1086.565
(4)		3.250	3.250	0.000	34783007	1014.860	1014.860
(5)		3.472	3.472	0.000	16237908	1101.496	1101.496
(6)		3.578	3.578	0.000	9822277	1099.997	1099.997
(7)		4.192	4.192	0.000	16025634	1007.559	1007.559
(8)		4.337	4.337	0.000	7964509	1112.225	1112.225
Average of peak concentrations:							1100.00
Aroclor-1260		6.220	6.220	0.000	22893385	1073.182	1073.182
(2)		6.671	6.671	0.000	39749688	1046.602	1046.602
(3)		7.122	7.122	0.000	37994847	1071.667	1071.667
(4)		7.328	7.328	0.000	17766366	1001.773	1001.773
(5)		7.783	7.783	0.000	19735672	1056.966	1056.966
(6)		9.128	9.128	0.000	24241535	1055.733	1055.733

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.348	9.348	0.000	13055852	1103.976	1103.976
(8)	10.279	10.279	0.000	11221688	1081.512	1081.512
Average of peak concentrations:						1100.00
Tetrachloro-m-xylene(surr)	1.753	1.753	0.000	35668986	103.856	103.856
Decachlorobiphenyl(surr)	10.712	10.712	0.000	28286884	86.505	86.505

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/vf426333.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/06Vf8082.m

Sample Information: SG1660L3_00003G
Injection Date: 18-DEC-2007 15:05

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.983	1000	1050.54	5.05
Aroclor-1016	2	3.666	1000	1049.03	4.90
Aroclor-1016	3	4.105	1000	1091.43	9.14
Aroclor-1016	4	4.497	1000	1049.25	4.92
Aroclor-1016	5	4.741	1000	1042.61	4.26
Aroclor-1016	6	5.174	1000	1069.29	6.93
Aroclor-1016	7	5.560	1000	1025.51	2.55
Aroclor-1016	8	5.769	1000	1072.28	7.23
Aroclor-1260	1	7.766	1000	1070.69	7.07
Aroclor-1260	2	8.221	1000	1049.70	4.97
Aroclor-1260	3	9.084	1000	1067.34	6.73
Aroclor-1260	4	9.334	1000	1079.94	7.99
Aroclor-1260	5	9.459	1000	1124.90	12.49
Aroclor-1260	6	9.916	1000	1075.48	7.55
Aroclor-1260	7	10.632	1000	1070.72	7.07
Aroclor-1260	8	11.097	1000	1141.34	14.13

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.282	100	100.83	0.83
Decachlorobiphenyl(sur	11.525	100	98.58	1.42

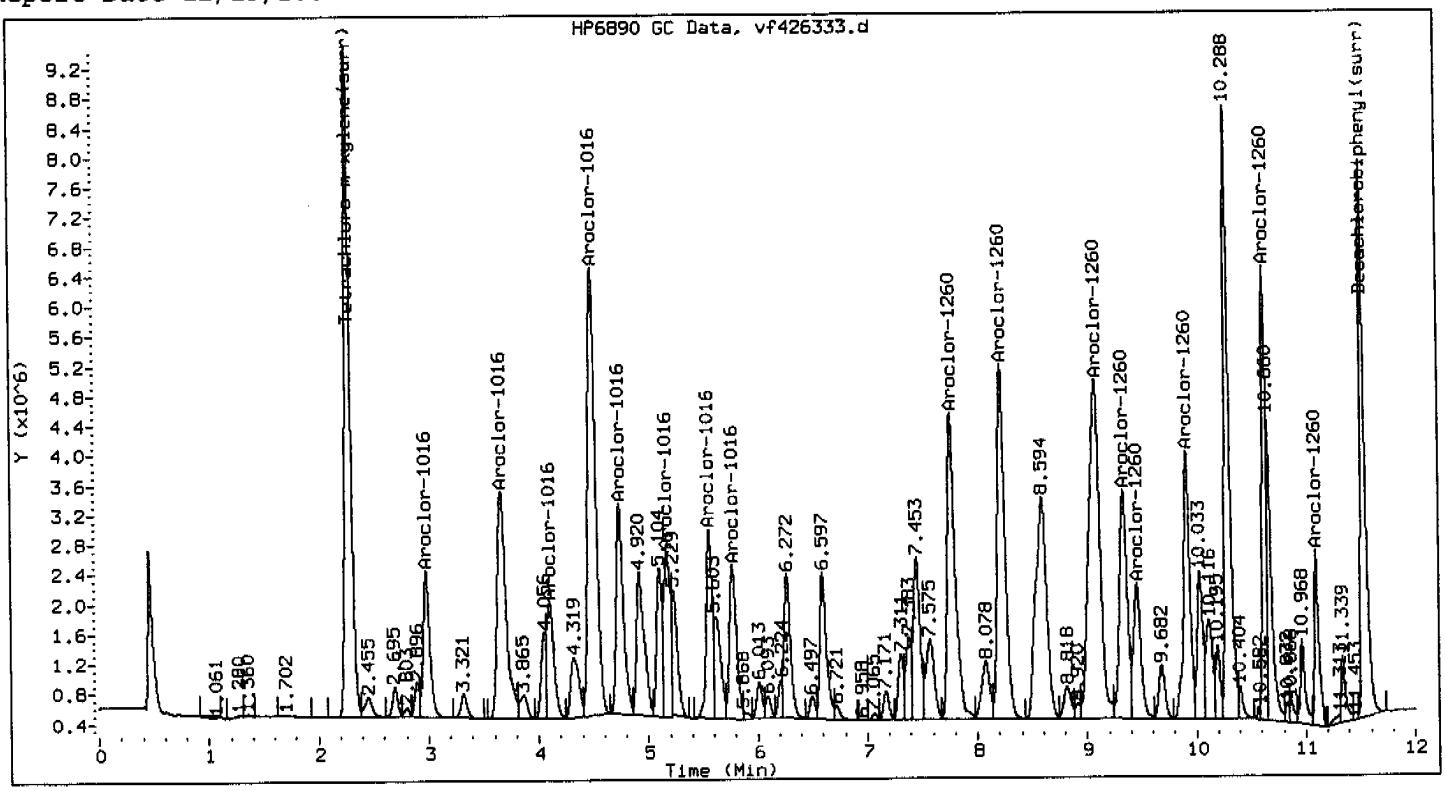
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/vf426333.d
Injection Date: 18-DEC-2007 15:05

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.983	
	3.667	(3.597 - 3.737)	3.666	
	4.107	(4.037 - 4.177)	4.105	
	4.498	(4.428 - 4.568)	4.497	
	4.742	(4.672 - 4.812)	4.741	
	5.175	(5.105 - 5.245)	5.174	
	5.562	(5.492 - 5.632)	5.560	
	5.770	(5.700 - 5.840)	5.769	
Aroclor-1260	7.768	(7.698 - 7.838)	7.766	
	8.223	(8.153 - 8.293)	8.221	
	9.088	(9.018 - 9.158)	9.084	
	9.338	(9.268 - 9.408)	9.334	
	9.463	(9.393 - 9.533)	9.459	
	9.919	(9.849 - 9.989)	9.916	
	10.633	(10.563 - 10.703)	10.632	
	11.098	(11.028 - 11.168)	11.097	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.282	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.525	



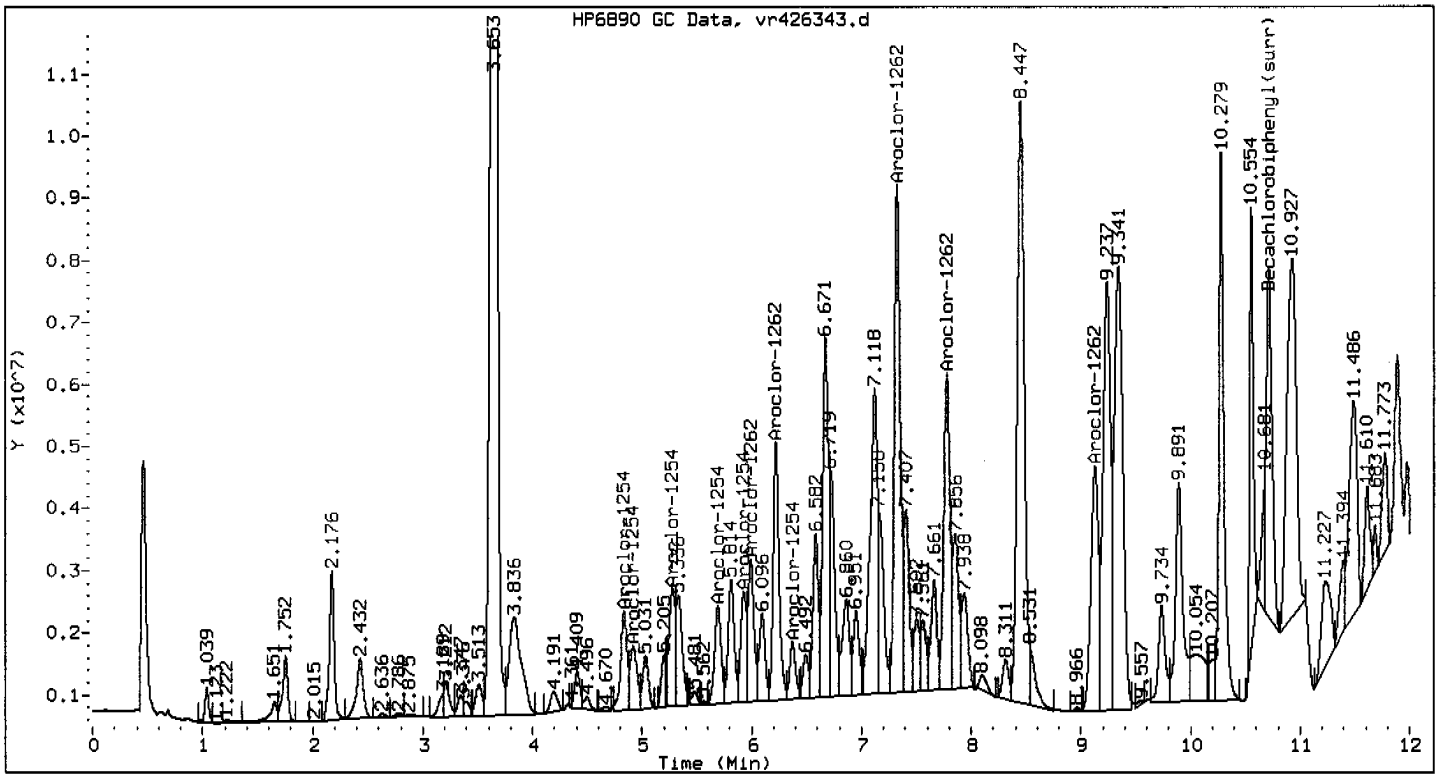
Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/06Vf8082.m
Sample Info : SG1660L3_00003G
Lab ID : SG1660L3_00003G
Inj Date : 18-DEC-2007 15:05
Operator : 615 kg 12-18-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.983	2.983	0.000	7885255	1050.543	1050.543
(2)		3.666	3.666	0.000	17293258	1049.033	1049.033
(3)		4.105	4.105	0.000	7023409	1091.429	1091.429
(4)		4.497	4.497	0.000	30462322	1049.247	1049.247
(5)		4.741	4.741	0.000	12885267	1042.612	1042.612
(6)		5.174	5.174	0.000	8685341	1069.293	1069.293
(7)		5.560	5.560	0.000	9702773	1025.514	1025.514
(8)		5.769	5.769	0.000	9367216	1072.276	1072.276
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.766	7.766	0.000	20499264	1070.686	1070.686
(2)		8.221	8.221	0.000	23196604	1049.701	1049.701
(3)		9.084	9.084	0.000	32008227	1067.341	1067.341
(4)		9.334	9.334	0.000	15172674	1079.937	1079.937
(5)		9.459	9.459	0.000	8368392	1124.902	1124.902
(6)		9.916	9.916	0.000	14728842	1075.481	1075.481

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.632	10.632	0.000	15715676	1070.722	1070.722
(8)	11.097	11.097	0.000	6612497	1141.338	1141.338
Average of peak concentrations:						1100.00
Tetrachloro-m-xylene(surr)	2.282	2.282	0.000	32296971	100.834	100.834
Decachlorobiphenyl(surr)	11.525	11.525	0.000	22786505	98.583	98.583

COMMENTS:
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m
Sample Info : 884096;4040172
Lab ID : 884096
Inj Date : 18-DEC-2007 18:10
Operator : 615
Cpnd Sublist: PCB8082+ R 12-15-07

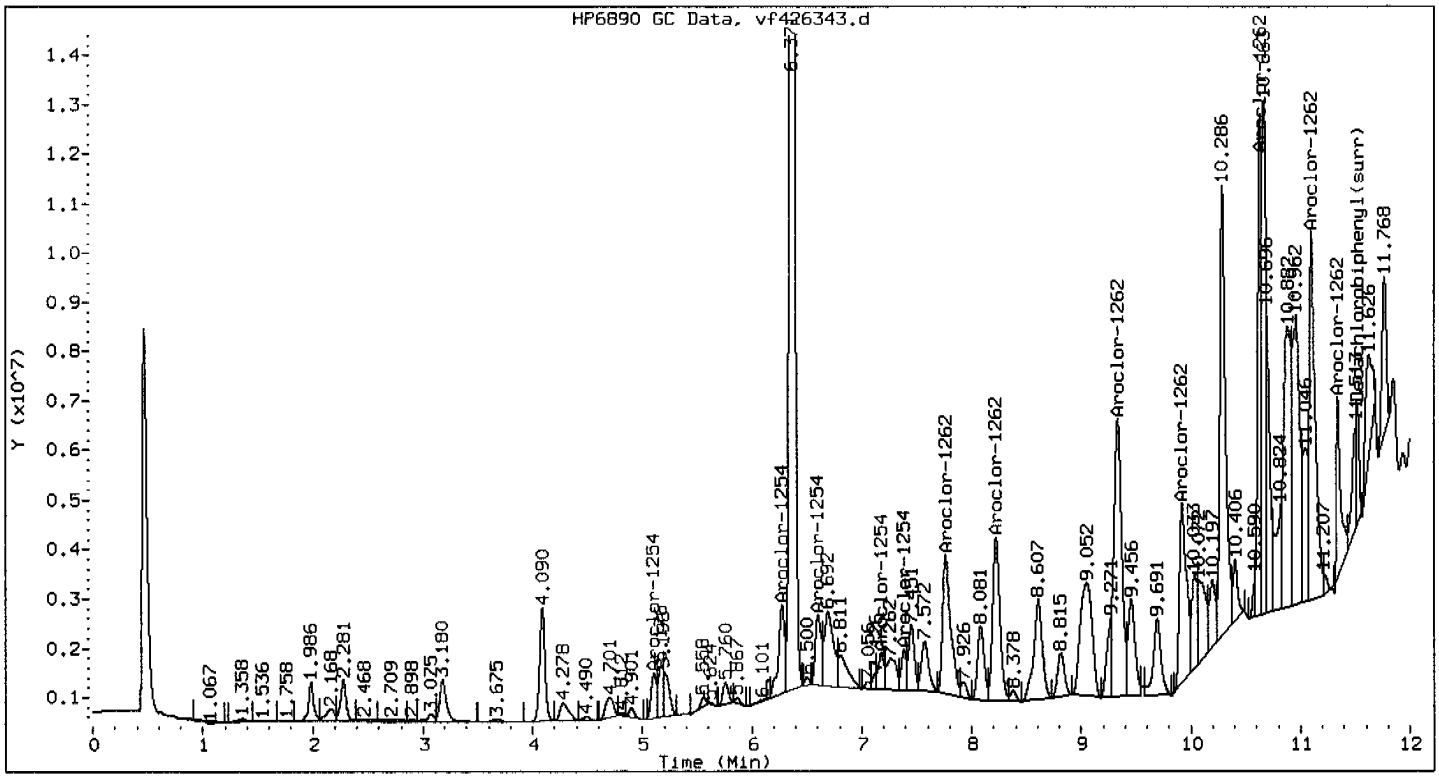
Inst ID : PESTGC9.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254	(M)	4.836	4.839	0.003	6514969	405.199	1509.120	
(2)		4.921	4.914	0.007	4456647	336.709	1254.036	
(3)		5.280	5.279	0.001	7336955	325.112	1210.846	
(4)		5.693	5.722	0.029	6597594	390.763	1455.356	
(5)		5.927	5.922	0.005	6174367	205.999	767.222	
(6)		6.371	6.373	0.002	3358974	141.386	526.577	
(7)		------	6.672	------	------	------	------	(*)
(8)		------	7.125	------	------	------	------	(*)
Average of peak concentrations:							1100.00	
Aroclor-1262	(M)	5.993	5.995	0.002	8578983	674.078	2510.533	
(2)		6.220	6.220	0.001	15539423	862.281	3211.473	
(3)		------	7.122	------	------	------	------	(*)
(4)		7.327	7.329	0.002	30988158	1097.390	4087.113	
(5)		7.779	7.782	0.003	20631822	788.065	2935.065	
(6)		9.128	9.128	0.000	18947365	958.844	3571.112	

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
(7)		------	9.345	------	------	------	------	(*)
(8)		------	10.280	------	------	------	------	(*)
Average of peak concentrations:							3300.00	
Decachlorobiphenyl(surr)	(M)	10.712	10.712	0.000	20161278	61.656	229.630	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/06Vf8082.m
Sample Info : 884096;4040172
Lab ID : 884096
Inj Date : 18-DEC-2007 18:10
Operator : 615
Cpnd Sublist: PCB8082+

12-19-07

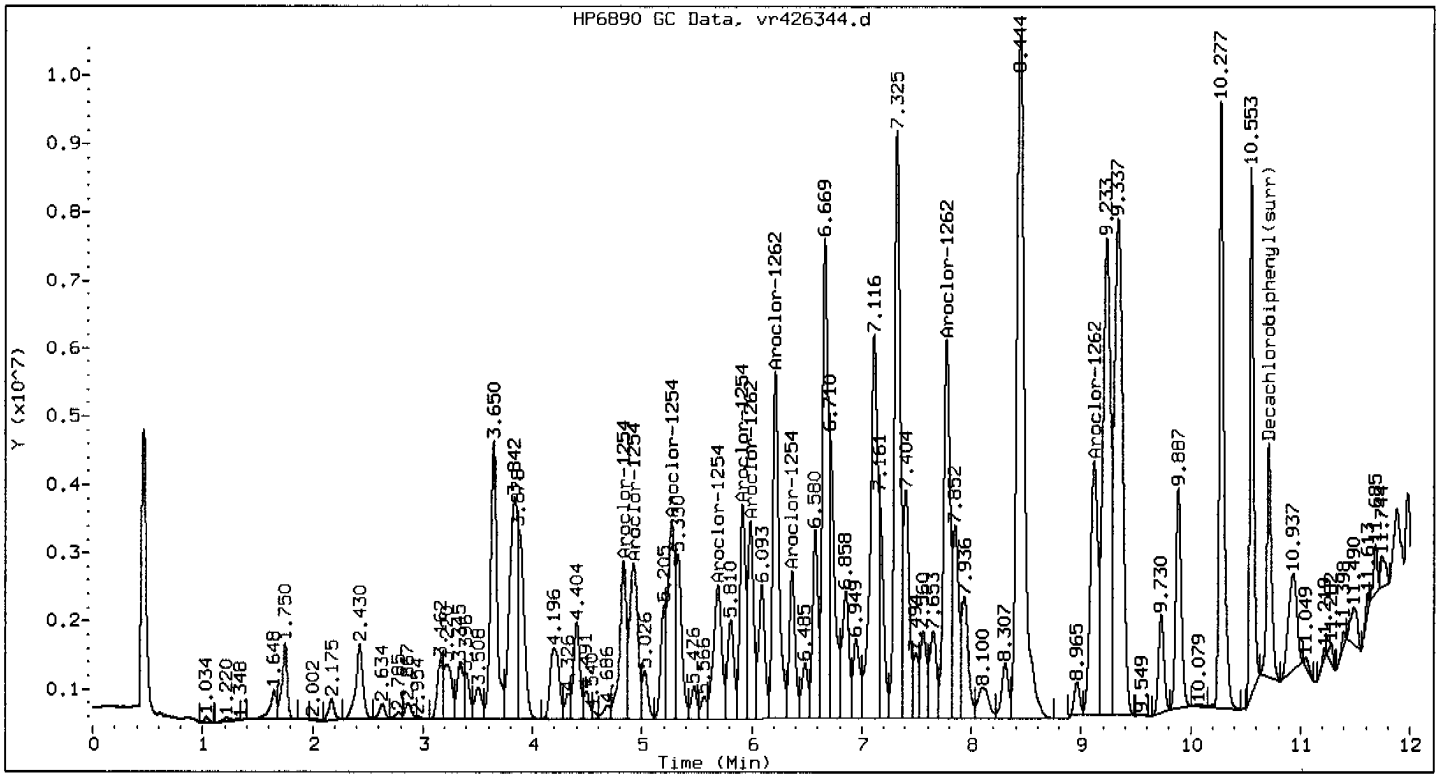
Inst ID : PESTGC9.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254		5.105	5.108	0.003	3082419	373.470	1390.948	
(2)		6.275	6.274	0.001	7149509	445.686	1659.912	
(3)		6.601	6.601	0.000	5517210	330.366	1230.415	
(4)		7.177	7.176	0.001	2742709	241.212	898.370	
(5)		7.382	7.390	0.007	2512660	100.033	372.561	
(6)		------	8.604	------	------	------	------	(*)
(7)		------	9.094	------	------	------	------	(*)
(8)		------	9.861	------	------	------	------	(*)
Average of peak concentrations:							1100.00	
Aroclor-1262	(M)	7.764	7.767	0.003	14469493	926.791	3451.736	
(2)		8.220	8.223	0.003	15500597	851.365	3170.818	
(3)		9.332	9.337	0.005	28539828	1164.661	4337.659	
(4)		------	9.919	------	------	------	------	(*)
(5)		10.629	10.630	0.002	20302847	1168.533	4352.078	
(6)		------	10.663	------	------	------	------	(*)

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
(7)		------	11.098	------	------	------	------	(*)
(8)		------	11.340	------	------	------	------	(*)
Average of peak concentrations:							3800.00	
Decachlorobiphenyl(surr)	(M)	11.524	11.525	0.001	4161646	18.005	67.057	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



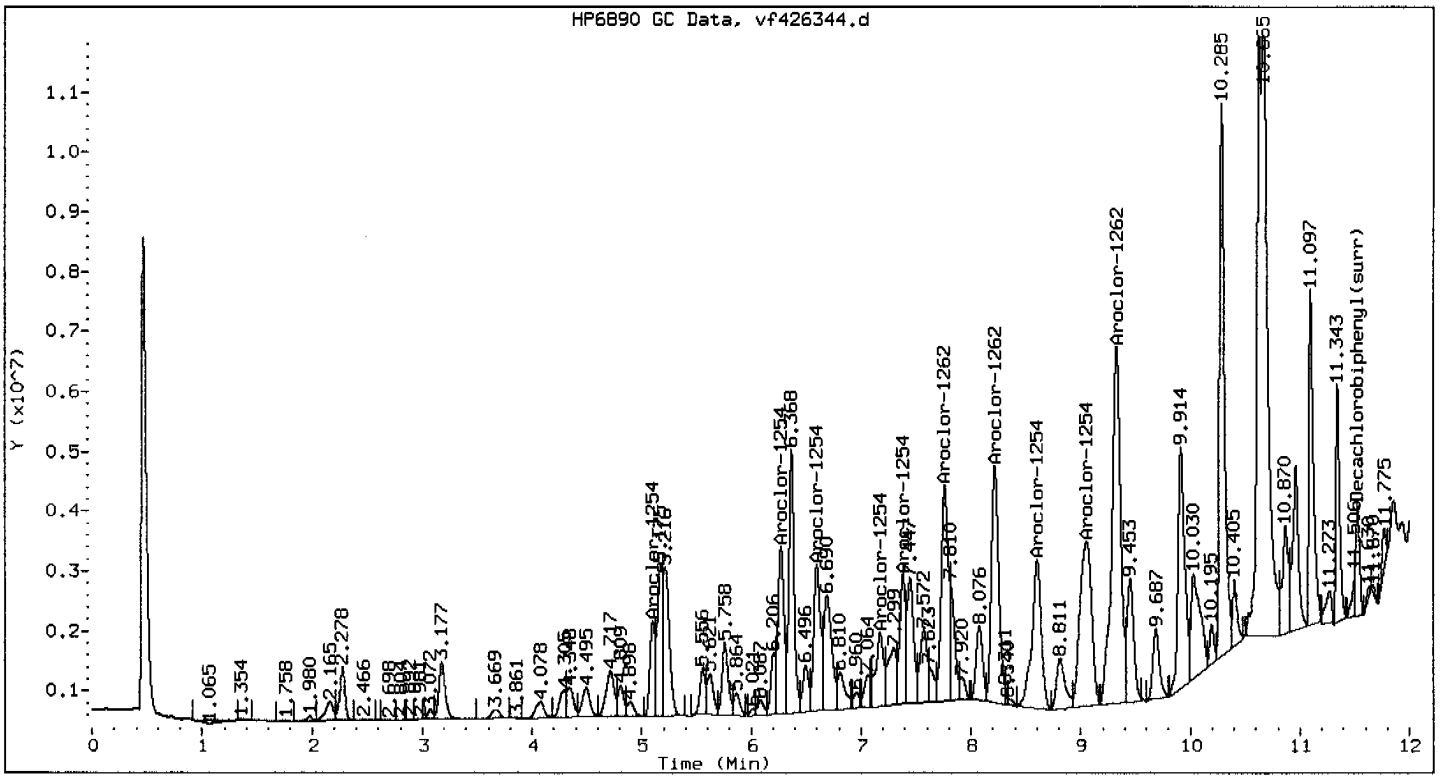
Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m
Sample Info : 884097;4040175
Lab ID : 884097 Inst ID : PESTGC9.i
Inj Date : 18-DEC-2007 18:25 Dil Factor : 5
Operator : 615 Sample Matrix : SOIL
Cpnd Sublist: PCB8082+ 12-15-07 Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254	(M)	4.832	4.839	0.007	10112956	628.976	2314.112	
(2)		4.922	4.914	0.008	11645469	879.838	3237.080	
(3)		5.272	5.279	0.007	12453934	551.854	2030.367	
(4)		5.693	5.722	0.029	10373710	614.415	2260.542	
(5)		5.919	5.922	0.003	11243021	375.108	1380.088	
(6)		6.368	6.373	0.005	8148678	342.994	1261.937	
(7)		------	6.672	------	------	------	------	(*)
(8)		------	7.125	------	------	------	------	(*)
Average of peak concentrations:							2100.00	
Aroclor-1262	(M)	5.990	5.995	0.005	10814334	849.717	3126.258	
(2)		6.217	6.220	0.003	20406832	1132.372	4166.197	
(3)		------	7.122	------	------	------	------	(*)
(4)		------	7.329	------	------	------	------	(*)
(5)		7.775	7.782	0.007	22993622	878.278	3231.338	
(6)		9.122	9.128	0.006	17517596	886.489	3261.550	

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)	
(7)	------	9.345	------	------	------	------	(*)
(8)	------	10.280	------	------	------	------	(*)
Average of peak concentrations:						3400.00	
Decachlorobiphenyl(surr)	10.710	10.712	0.001	10140166	31.010	114.091	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



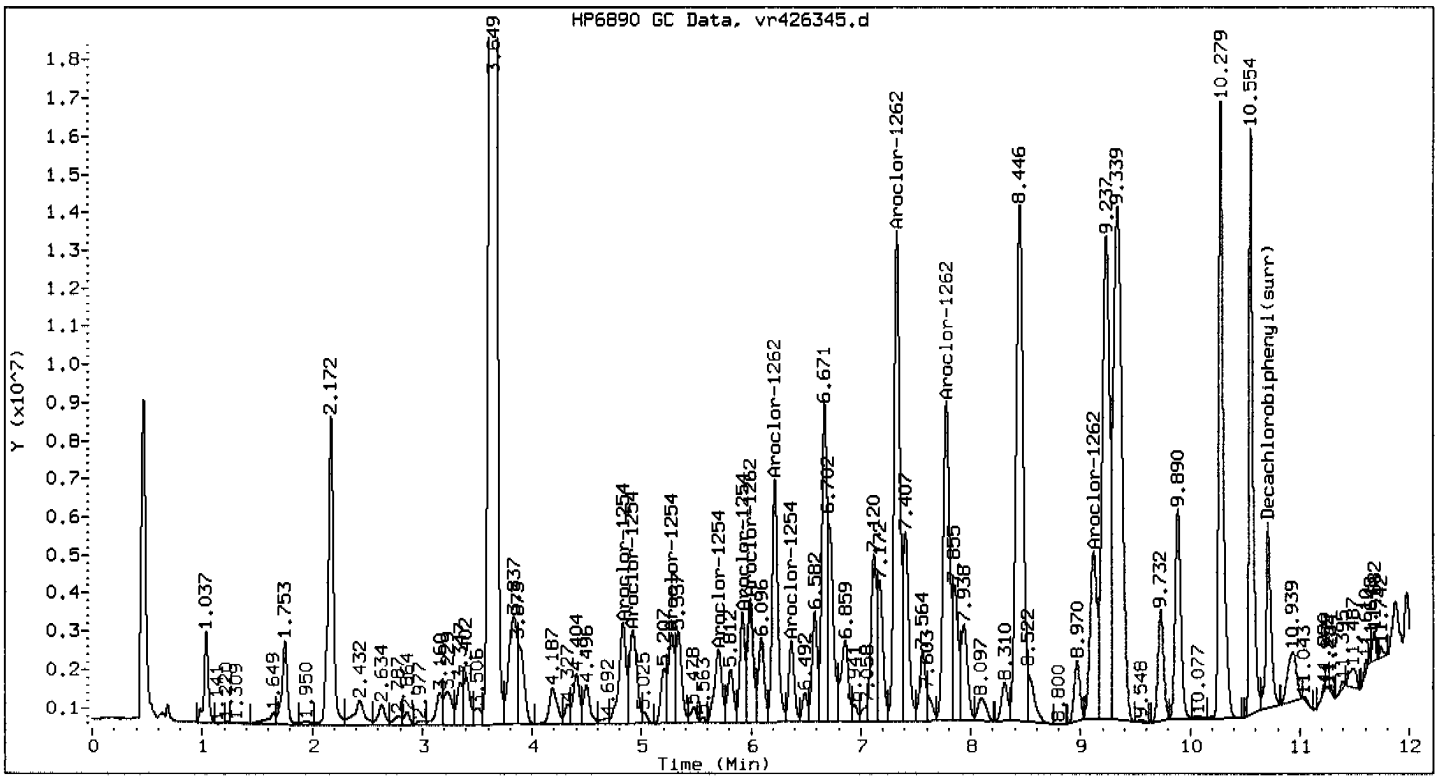
Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/06Vf8082.m
Sample Info : 884097;4040175
Lab ID : 884097 Inst ID : PESTGC9.i
Inj Date : 18-DEC-2007 18:25 Dil Factor : 5
Operator : 615 Sample Matrix : SOIL
Cpnd Sublist: PCB8082+ Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254		5.101	5.108	0.007	5126844	621.175	2285.411	
(2)		6.272	6.274	0.002	11263181	702.125	2583.240	
(3)		6.597	6.601	0.003	10210244	611.382	2249.381	
(4)		7.174	7.176	0.003	6499227	571.586	2102.965	
(5)		7.381	7.390	0.008	7949367	316.476	1164.370	
(6)		8.601	8.604	0.003	14953176	769.647	2831.666	
(7)		9.057	9.094	0.037	20579685	842.675	3100.348	
(8)		------	9.861	------	------	------	------	(*)
Average of peak concentrations:							2300.00	
Aroclor-1262	(M)	7.760	7.767	0.007	16054228	1028.295	3783.280	
(2)		8.216	8.223	0.007	18436617	1012.624	3725.623	
(3)		9.328	9.337	0.009	33494498	1366.853	5028.893	
(4)		------	9.919	------	------	------	------	(*)
(5)		------	10.630	------	------	------	------	(*)
(6)		------	10.663	------	------	------	------	(*)

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)	
(7)		------	11.098	------	------	------	------	(*)
(8)		------	11.340	------	------	------	------	(*)
Average of peak concentrations:							4200.00	
Decachlorobiphenyl(surr)	(M)	11.528	11.525	0.003	4235756	18.326	67.423	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m
Sample Info : 884099;4040181
Lab ID : 884099 Inst ID : PESTGC9.i
Inj Date : 18-DEC-2007 18:40 Dil Factor : 2
Operator : 615 Sample Matrix : SOIL
Cpnd Sublist: PCB8082+ Sample Type: SAMPLE

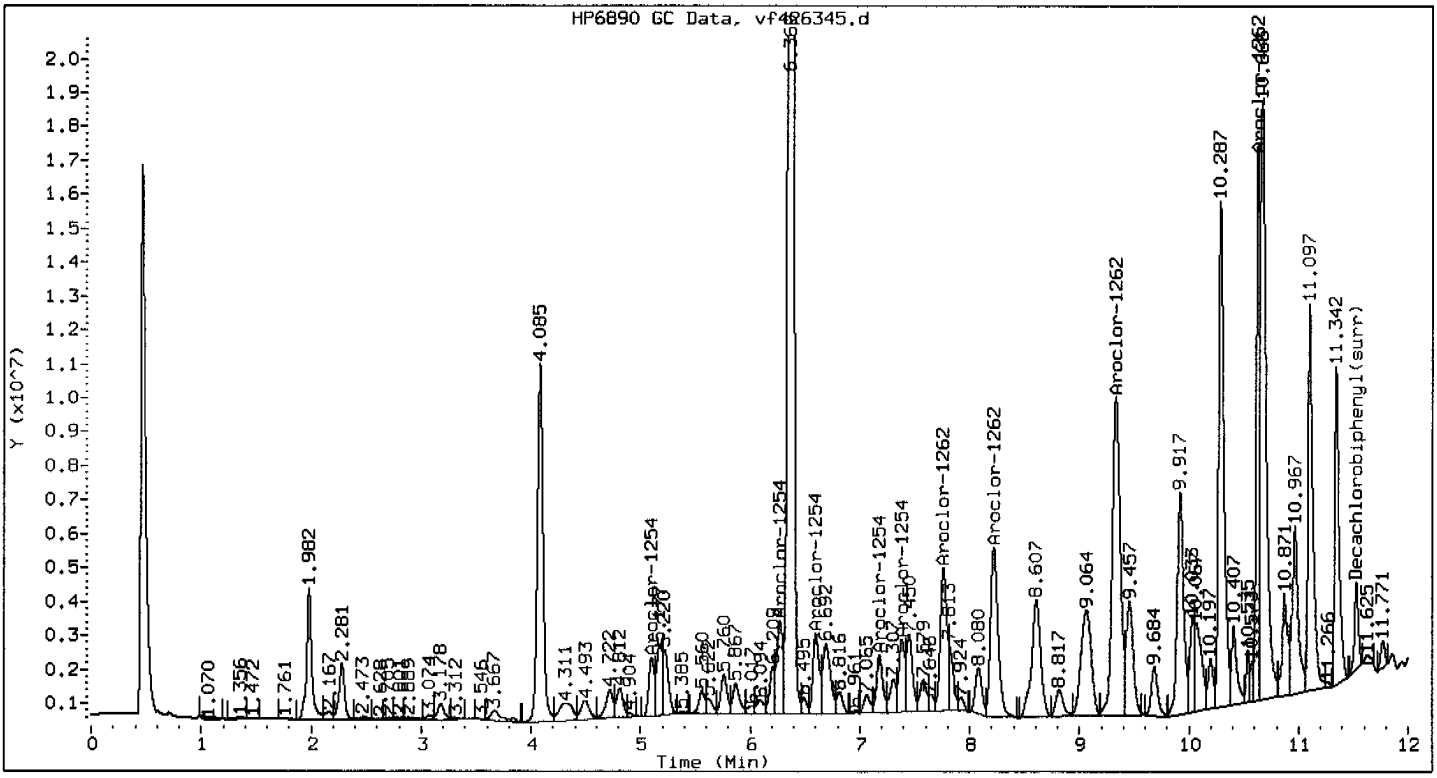
12-19-07

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254	(M)	4.832	4.839	0.006	11701973	727.805	1110.305	
(2)		4.922	4.914	0.008	11527415	870.919	1328.633	
(3)		5.275	5.279	0.004	8433681	373.710	570.114	
(4)		5.702	5.722	0.021	9000513	533.083	813.247	
(5)		5.920	5.922	0.002	9502787	317.047	483.672	
(6)		6.369	6.373	0.004	7387749	310.965	474.394	
(7)		------	6.672	------	------	------	------	(*)
(8)		------	7.125	------	------	------	------	(*)
Average of peak concentrations:							800.00	
Aroclor-1262	(M)	5.994	5.995	0.001	11930794	937.441	1430.116	
(2)		6.219	6.220	0.001	23146946	1284.421	1959.452	
(3)		------	7.122	------	------	------	------	(*)
(4)		7.328	7.329	0.001	47209275	1671.831	2550.467	
(5)		7.778	7.782	0.004	34295322	1309.964	1998.419	
(6)		9.123	9.128	0.005	19452533	984.408	1501.766	

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
(7)	------	9.345	------	------	------	------	(*)
(8)	------	10.280	------	------	------	------	(*)
Average of peak concentrations:						1900.00	
Decachlorobiphenyl(surr)	10.712	10.712	0.000	14892379	45.543	69.478	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/06Vf8082.m
Sample Info : 884099;4040181
Lab ID : 884099
Inj Date : 18-DEC-2007 18:40
Operator : 615
Cpnd Sublist: PCB8082+

12-19-07

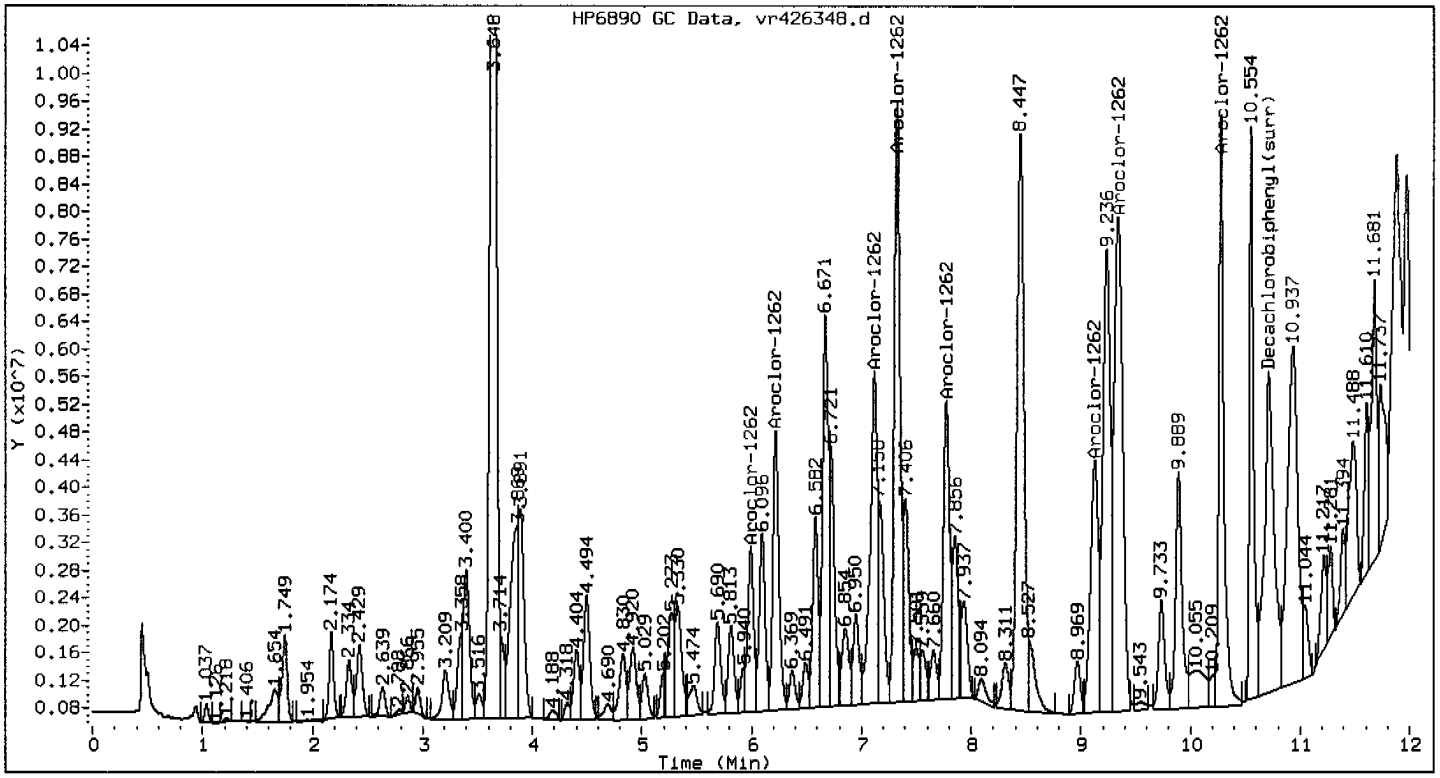
Inst ID : PESTGC9.i
Dil Factor : 2
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254		5.102	5.108	0.006	5856232	709.548	1082.453	
(2)		6.272	6.274	0.001	10295972	641.831	979.147	
(3)		6.600	6.601	0.001	9116822	545.908	832.812	
(4)		7.178	7.176	0.002	6767834	595.209	908.023	
(5)		7.384	7.390	0.006	7628706	303.710	463.326	
(6)		------	8.604	------	------	------	------	(*)
(7)		------	9.094	------	------	------	------	(*)
(8)		------	9.861	------	------	------	------	(*)
Average of peak concentrations:							850.00	
Aroclor-1262	(M)	7.762	7.767	0.005	17745482	1136.623	1733.978	
(2)		8.221	8.223	0.002	24108933	1324.174	2020.098	
(3)		9.333	9.337	0.004	47567188	1941.135	2961.305	
(4)		------	9.919	------	------	------	------	(*)
(5)		10.627	10.630	0.003	32233388	1855.197	2830.201	
(6)		------	10.663	------	------	------	------	(*)

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
(7)	------	11.098	------	------	------	------	(*)
(8)	------	11.340	------	------	------	------	(*)
Average of peak concentrations:						2400.00	
Decachlorobiphenyl(surr)	11.527	11.525	0.002	6203765	26.840	40.946	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

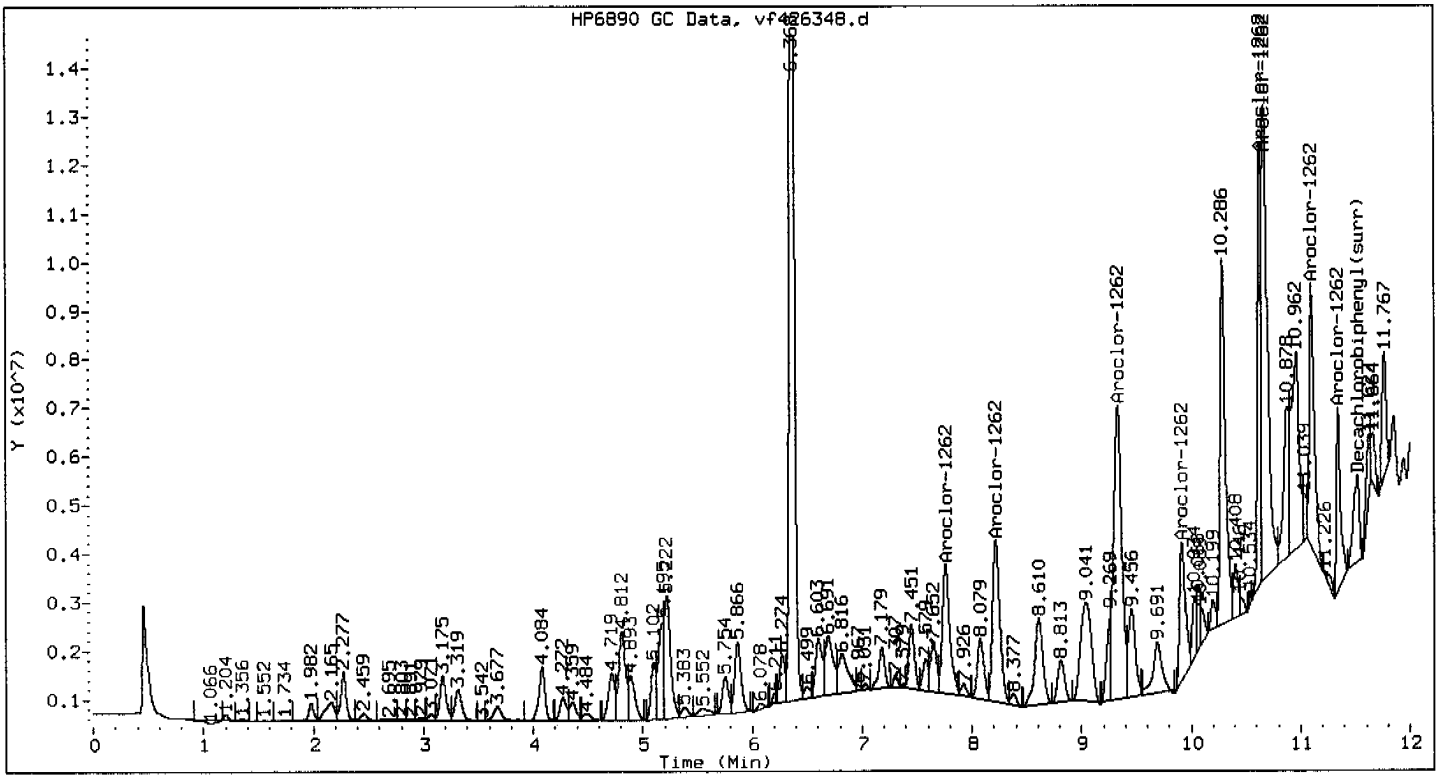


Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m
Sample Info : 884102;4040190
Lab ID : 884102 Inst ID : PESTGC9.i
Inj Date : 18-DEC-2007 19:25 Dil Factor : 5
Operator : 615 Sample Matrix : SOIL
Cpnd Sublist: PCB8082+ Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	(M)	5.994	5.995	0.002	9075714	713.108	3981.619
(2)		6.219	6.220	0.002	15566105	863.761	4822.787
(3)		7.119	7.122	0.004	22183353	1450.678	8099.823
(4)		7.328	7.329	0.001	32558416	1152.998	6437.731
(5)		7.778	7.782	0.004	17462778	667.018	3724.278
(6)		9.129	9.128	0.001	18253886	923.750	5157.731
(7)		9.340	9.345	0.005	39679309	1511.376	8438.727
(8)		10.279	10.280	0.002	27446275	1413.323	7891.249
Average of peak concentrations:							6100.00
Decachlorobiphenyl(surr)		10.714	10.712	0.002	28747378	87.913	490.861

COMMENTS:

M - Compound response manually integrated.



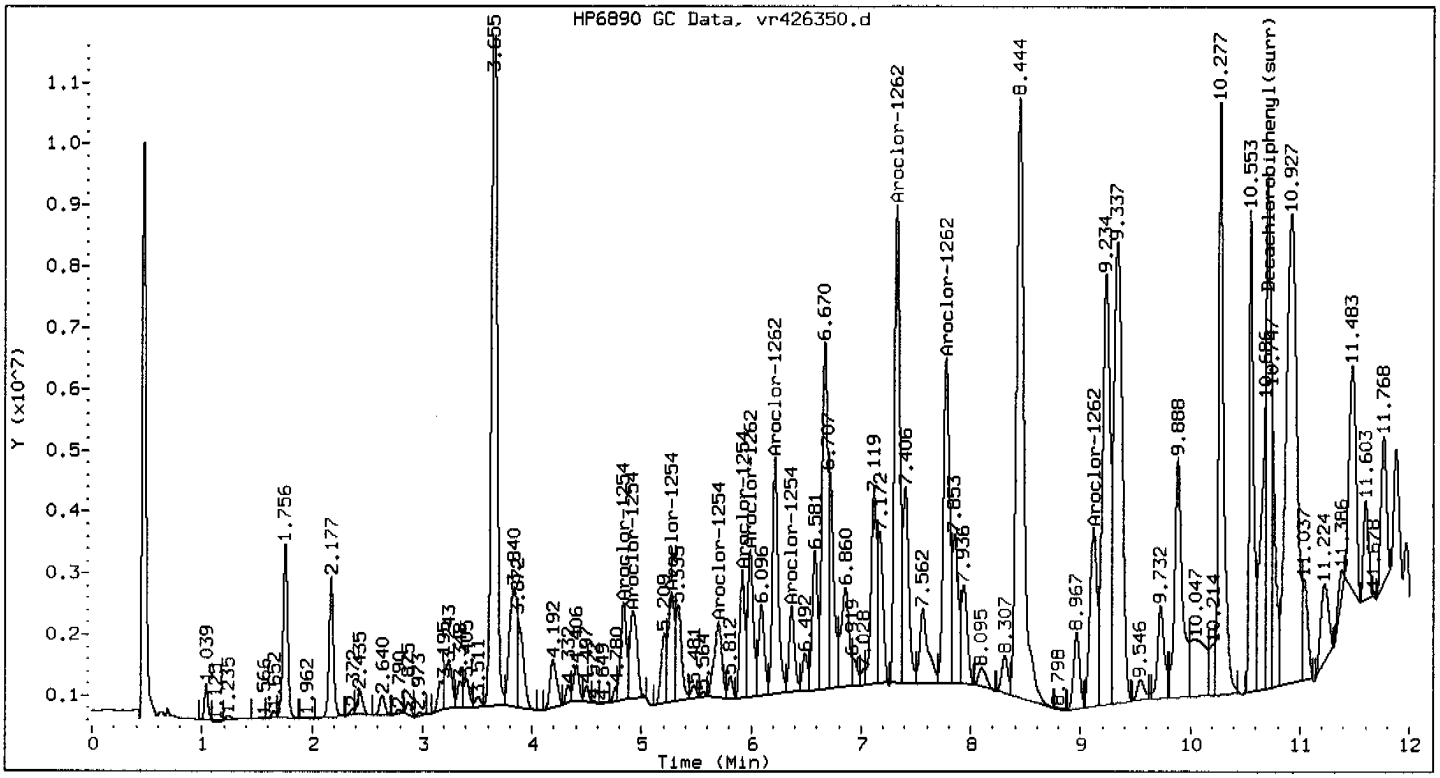
Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/06Vf8082.m
Sample Info : 884102;4040190
Lab ID : 884102
Inj Date : 18-DEC-2007 19:25
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	(M)	7.763	7.767	0.004	12510433	801.311	4474.096
(2)		8.219	8.223	0.004	15470620	849.718	4744.378
(3)		9.331	9.337	0.006	30936236	1262.455	7048.882
(4)		9.917	9.919	0.002	10666519	560.810	3131.268
(5)		10.629	10.630	0.002	17456072	1004.686	5609.639
(6)		10.664	10.663	0.001	38492426	1814.344	10130.340
(7)		11.097	11.098	0.001	16621805	1428.182	7974.213
(8)		11.341	11.340	0.001	9532482	2251.161	12569.296
Average of peak concentrations:							7000.00
Decachlorobiphenyl(surr)		11.521	11.525	0.004	6860063	29.679	165.714

COMMENTS:

M - Compound response manually integrated.



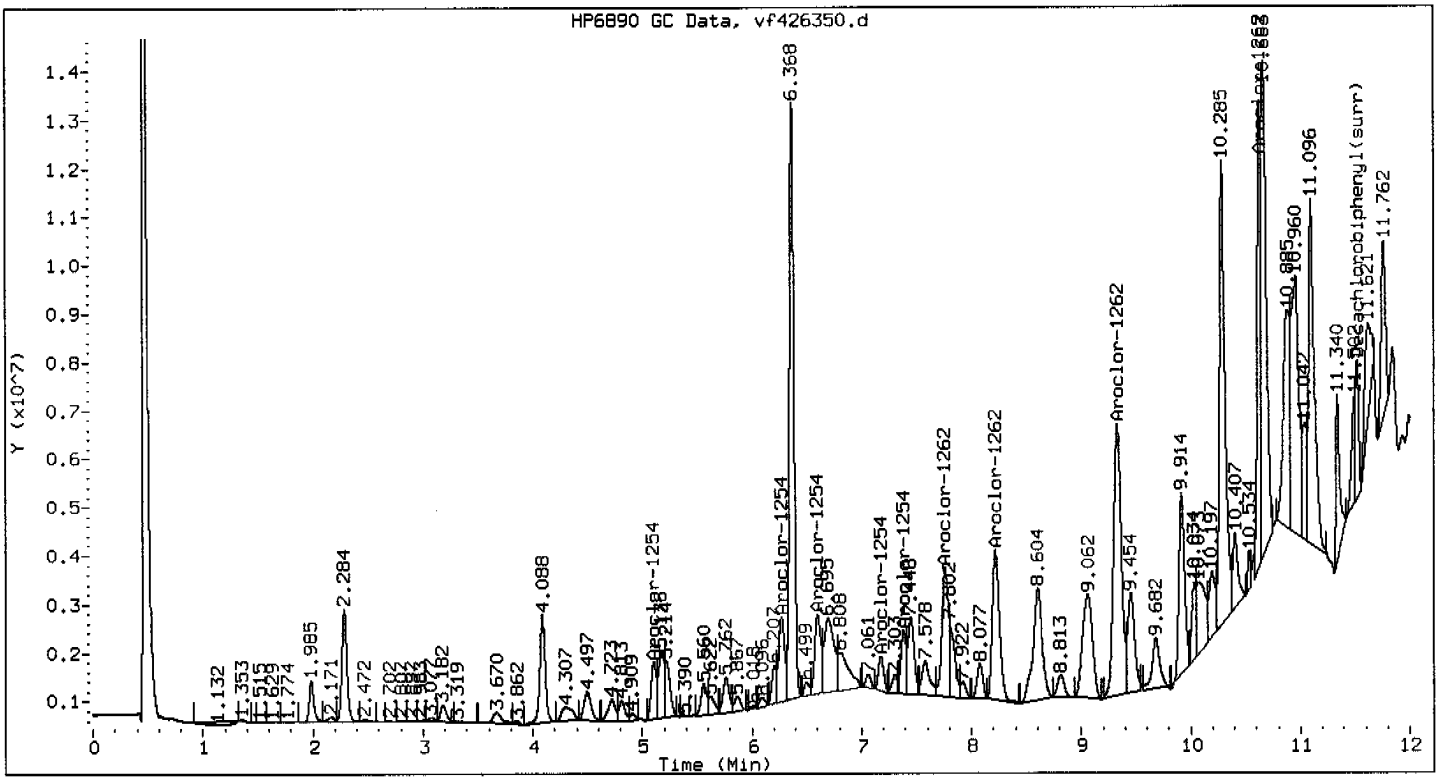
Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m
Sample Info : 884098;4040178
Lab ID : 884098 Inst ID : PESTGC9.i
Inj Date : 18-DEC-2007 19:56 Dil Factor : 2
Operator : 615 Sample Matrix : SOIL
Cpnd Sublist: PCB8082+ DS 12-19-07 Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254	(M)	4.836	4.839	0.003	5710324	355.154	572.598	
(2)		4.921	4.914	0.007	6748847	509.889	822.070	
(3)		5.275	5.279	0.004	6970033	308.853	497.950	
(4)		5.702	5.722	0.020	6044894	358.028	577.231	
(5)		5.919	5.922	0.003	6581403	219.579	354.018	
(6)		6.370	6.373	0.003	4936712	207.796	335.020	
(7)		------	6.672	------	------	------	------	(*)
(8)		------	7.125	------	------	------	------	(*)
Average of peak concentrations:							530.00	
Aroclor-1262		5.993	5.995	0.002	8687302	682.589	1100.507	
(2)		6.219	6.220	0.001	14330834	795.216	1282.090	
(3)		------	7.122	------	------	------	------	(*)
(4)		7.327	7.329	0.001	27773405	983.545	1585.724	
(5)		7.777	7.782	0.006	21342694	815.218	1314.337	
(6)		9.121	9.128	0.007	13087533	662.303	1067.800	

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
(7)		------	9.345	------	------	------	------	(*)
(8)		------	10.280	------	------	------	------	(*)
Average of peak concentrations:							1300.00	
Decachlorobiphenyl(surr)	(M)	10.711	10.712	0.001	25216981	77.117	124.332	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/06Vf8082.m
Sample Info : 884098;4040178
Lab ID : 884098
Inj Date : 18-DEC-2007 19:56
Operator : 615
Cpnd Sublist: PCB8082+

12-19-07

Inst ID : PESTGC9.i
Dil Factor : 2
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254	(M)	5.104	5.108	0.004	3891910	471.549	760.256	
(2)		6.272	6.274	0.001	6494507	404.855	652.728	
(3)		6.598	6.601	0.002	6619307	396.359	639.031	
(4)		7.175	7.176	0.001	2393346	210.487	339.358	
(5)		7.382	7.390	0.007	4291786	170.862	275.473	
(6)		------	8.604	------	------	------	------	(*)
(7)		------	9.094	------	------	------	------	(*)
(8)		------	9.861	------	------	------	------	(*)
Average of peak concentrations:							530.00	
Aroclor-1262	(M)	7.762	7.767	0.006	10804158	692.021	1115.713	
(2)		8.217	8.223	0.006	14008745	769.425	1240.508	
(3)		9.330	9.337	0.007	27682242	1129.665	1821.306	
(4)		------	9.919	------	------	------	------	(*)
(5)		10.627	10.630	0.003	18978713	1092.322	1761.100	
(6)		------	10.663	------	------	------	------	(*)

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
(7)		------	11.098	------	------	------	------	(*)
(8)		------	11.340	------	------	------	------	(*)
Average of peak concentrations:							1500.00	
Decachlorobiphenyl(surr)	(M)	11.521	11.525	0.004	6034186	26.106	42.090	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07h.b/vr426368.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07h.b/06Vr8082.m

Sample Information: SG1660L3_00003H
Injection Date: 19-DEC-2007 00:31

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.189	1000	1043.67	4.37
Aroclor-1016	2	2.637	1000	1019.89	1.99
Aroclor-1016	3	2.890	1000	1083.44	8.34
Aroclor-1016	4	3.252	1000	1009.98	1.00
Aroclor-1016	5	3.473	1000	1077.62	7.76
Aroclor-1016	6	3.578	1000	1120.51	12.05
Aroclor-1016	7	4.193	1000	1005.56	0.56
Aroclor-1016	8	4.338	1000	999.70	0.03
Aroclor-1260	1	6.220	1000	1072.66	7.27
Aroclor-1260	2	6.672	1000	1049.67	4.97
Aroclor-1260	3	7.122	1000	1077.15	7.71
Aroclor-1260	4	7.328	1000	1024.75	2.48
Aroclor-1260	5	7.782	1000	1064.93	6.49
Aroclor-1260	6	9.128	1000	1061.50	6.15
Aroclor-1260	7	9.347	1000	1101.20	10.12
Aroclor-1260	8	10.279	1000	1133.83	13.38

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.755	100	102.30	2.30
Decachlorobiphenyl(sur	10.711	100	93.28	6.72

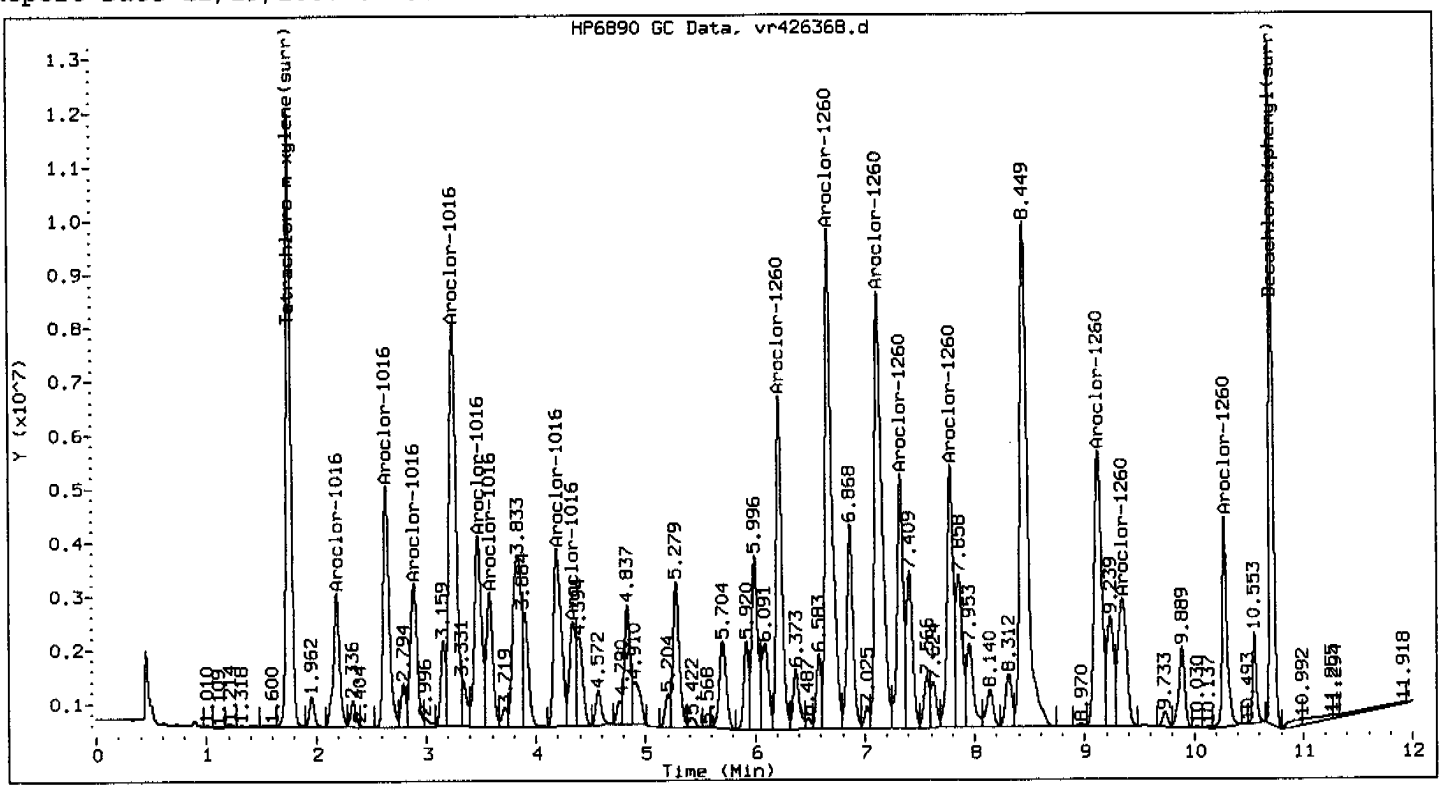
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07h.b/vr426368.d
Injection Date: 19-DEC-2007 00:31

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.189	
	2.634	(2.564 - 2.704)	2.637	
	2.888	(2.818 - 2.958)	2.890	
	3.250	(3.180 - 3.320)	3.252	
	3.471	(3.401 - 3.541)	3.473	
	3.576	(3.506 - 3.646)	3.578	
	4.191	(4.121 - 4.261)	4.193	
	4.336	(4.266 - 4.406)	4.338	
Aroclor-1260	6.221	(6.151 - 6.291)	6.220	
	6.672	(6.602 - 6.742)	6.672	
	7.123	(7.053 - 7.193)	7.122	
	7.328	(7.258 - 7.398)	7.328	
	7.784	(7.714 - 7.854)	7.782	
	9.131	(9.061 - 9.201)	9.128	
	9.348	(9.278 - 9.418)	9.347	
	10.281	(10.211 - 10.351)	10.279	
Tetrachloro-m-xylene(surr)	1.750	(1.700 - 1.800)	1.755	
Decachlorobiphenyl(surr)	10.713	(10.613 - 10.813)	10.711	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07h.b/06Vr8082.m
Sample Info : SG1660L3_00003H
Lab ID : SG1660L3_00003H
Inj Date : 19-DEC-2007 00:31
Operator : 615 JS 12-18-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.189	2.189	0.000	9720479	1043.672	1043.672
(2)		2.637	2.637	0.000	16781947	1019.894	1019.894
(3)		2.890	2.890	0.000	11373592	1083.437	1083.437
(4)		3.252	3.252	0.000	34615800	1009.982	1009.982
(5)		3.473	3.473	0.000	15886003	1077.624	1077.624
(6)		3.578	3.578	0.000	10005457	1120.512	1120.512
(7)		4.193	4.193	0.000	15993779	1005.556	1005.556
(8)		4.338	4.338	0.000	7158726	999.699	999.699
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	6.220	6.220	0.000	22882263	1072.660	1072.660
(2)		6.672	6.672	0.000	39866068	1049.666	1049.666
(3)		7.122	7.122	0.000	38189221	1077.149	1077.149
(4)		7.328	7.328	0.000	18173953	1024.755	1024.755
(5)		7.782	7.782	0.000	19884286	1064.925	1064.925
(6)		9.128	9.128	0.000	24373903	1061.498	1061.498

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)		9.347	9.347	0.000	13022973	1101.196	1101.196
(8)		10.279	10.279	0.000	11764561	1133.833	1133.833
Average of peak concentrations:							1100.00
Tetrachloro-m-xylene(surr)		1.755	1.755	0.000	35134122	102.299	102.299
Decachlorobiphenyl(surr)	(M)	10.711	10.711	0.000	30502091	93.279	93.279

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07h.b/vf426368.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07h.b/06Vf8082.m

Sample Information: SG1660L3_00003H
Injection Date: 19-DEC-2007 00:31

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.984	1000	1042.47	4.25
Aroclor-1016	2	3.666	1000	1049.62	4.96
Aroclor-1016	3	4.106	1000	1102.91	10.29
Aroclor-1016	4	4.498	1000	1052.97	5.30
Aroclor-1016	5	4.741	1000	1046.69	4.67
Aroclor-1016	6	5.173	1000	1056.24	5.62
Aroclor-1016	7	5.560	1000	1041.39	4.14
Aroclor-1016	8	5.769	1000	1047.95	4.79
Aroclor-1260	1	7.764	1000	1107.73	10.77
Aroclor-1260	2	8.220	1000	1084.17	8.42
Aroclor-1260	3	9.083	1000	1089.79	8.98
Aroclor-1260	4	9.333	1000	1098.65	9.87
Aroclor-1260	5	9.457	1000	1116.84	11.68
Aroclor-1260	6	9.914	1000	1104.40	10.44
Aroclor-1260	7	10.631	1000	1119.40	11.94
Aroclor-1260	8	11.094	1000	1154.26	15.43<-

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.283	100	101.46	1.46
Decachlorobiphenyl(sur	11.522	100	99.17	0.83

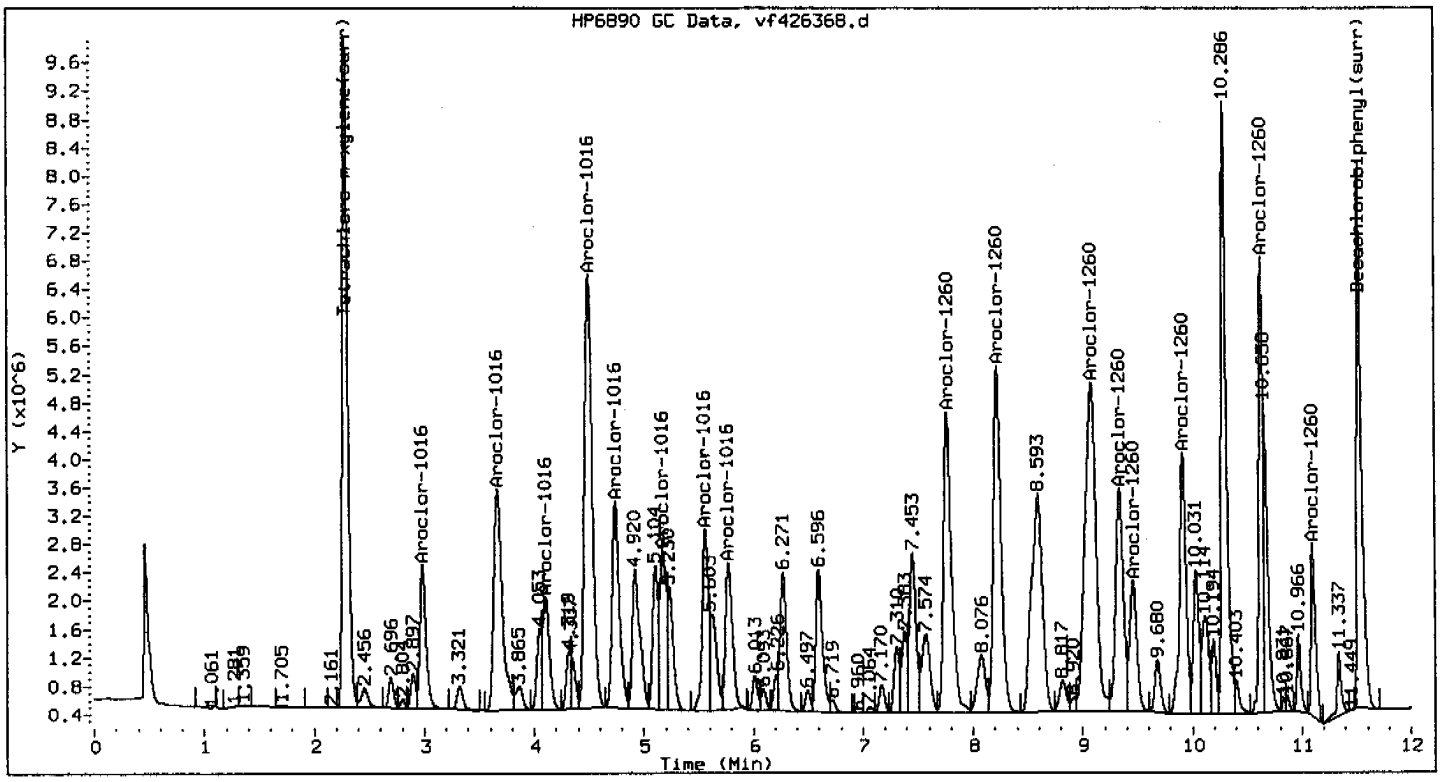
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07h.b/vf426368.d
Injection Date: 19-DEC-2007 00:31

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.984	
	3.667	(3.597 - 3.737)	3.666	
	4.107	(4.037 - 4.177)	4.106	
	4.498	(4.428 - 4.568)	4.498	
	4.742	(4.672 - 4.812)	4.741	
	5.175	(5.105 - 5.245)	5.173	
	5.562	(5.492 - 5.632)	5.560	
	5.770	(5.700 - 5.840)	5.769	
Aroclor-1260	7.768	(7.698 - 7.838)	7.764	
	8.223	(8.153 - 8.293)	8.220	
	9.088	(9.018 - 9.158)	9.083	
	9.338	(9.268 - 9.408)	9.333	
	9.463	(9.393 - 9.533)	9.457	
	9.919	(9.849 - 9.989)	9.914	
	10.633	(10.563 - 10.703)	10.631	
	11.098	(11.028 - 11.168)	11.094	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.283	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.522	



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07h.b/06Vf8082.m
Sample Info : SG1660L3_00003H
Lab ID : SG1660L3_00003H
Inj Date : 19-DEC-2007 00:31
Operator : 615 12-19-07
Cpnd Sublist: AR166008

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.984	2.984	0.000	7824696	1042.475	1042.475
(2)		3.666	3.666	0.000	17302909	1049.619	1049.619
(3)		4.106	4.106	0.000	7097287	1102.909	1102.909
(4)		4.498	4.498	0.000	30570353	1052.968	1052.968
(5)		4.741	4.741	0.000	12935673	1046.691	1046.691
(6)		5.173	5.173	0.000	8579297	1056.238	1056.238
(7)		5.560	5.560	0.000	9852949	1041.386	1041.386
(8)		5.769	5.769	0.000	9154706	1047.949	1047.949
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.764	7.764	0.000	21208479	1107.728	1107.728
(2)		8.220	8.220	0.000	23958281	1084.168	1084.168
(3)		9.083	9.083	0.000	32681344	1089.787	1089.787
(4)		9.333	9.333	0.000	15435648	1098.654	1098.654
(5)		9.457	9.457	0.000	8308383	1116.835	1116.835
(6)		9.914	9.914	0.000	15124935	1104.403	1104.403

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.631	10.631	0.000	16430126	1119.399	1119.399
(8)	11.094	11.094	0.000	6687376	1154.263	1154.263
Average of peak concentrations:						1100.00
Tetrachloro-m-xylene(surr)	2.283	2.283	0.000	32497192	101.459	101.459
Decachlorobiphenyl(surr)	11.522	11.522	0.000	22923182	99.175	99.175

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07j.b/vr426401.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07j.b/06Vr8082.m

Sample Information: SG1660L3_00003J
Injection Date: 19-DEC-2007 09:49

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.189	1000	945.15	5.49
Aroclor-1016	2	2.636	1000	951.38	4.86
Aroclor-1016	3	2.889	1000	1004.43	0.44
Aroclor-1016	4	3.252	1000	924.09	7.59
Aroclor-1016	5	3.473	1000	978.68	2.13
Aroclor-1016	6	3.578	1000	1012.70	1.27
Aroclor-1016	7	4.191	1000	936.22	6.38
Aroclor-1016	8	4.335	1000	1014.99	1.50
Aroclor-1260	1	6.217	1000	1004.89	0.49
Aroclor-1260	2	6.668	1000	991.32	0.87
Aroclor-1260	3	7.118	1000	1015.46	1.55
Aroclor-1260	4	7.323	1000	1008.57	0.86
Aroclor-1260	5	7.777	1000	1006.30	0.63
Aroclor-1260	6	9.120	1000	1013.80	1.38
Aroclor-1260	7	9.340	1000	1076.61	7.66
Aroclor-1260	8	10.276	1000	1049.27	4.93

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.753	100	94.87	5.13
Decachlorobiphenyl(sur	10.709	100	97.77	2.23

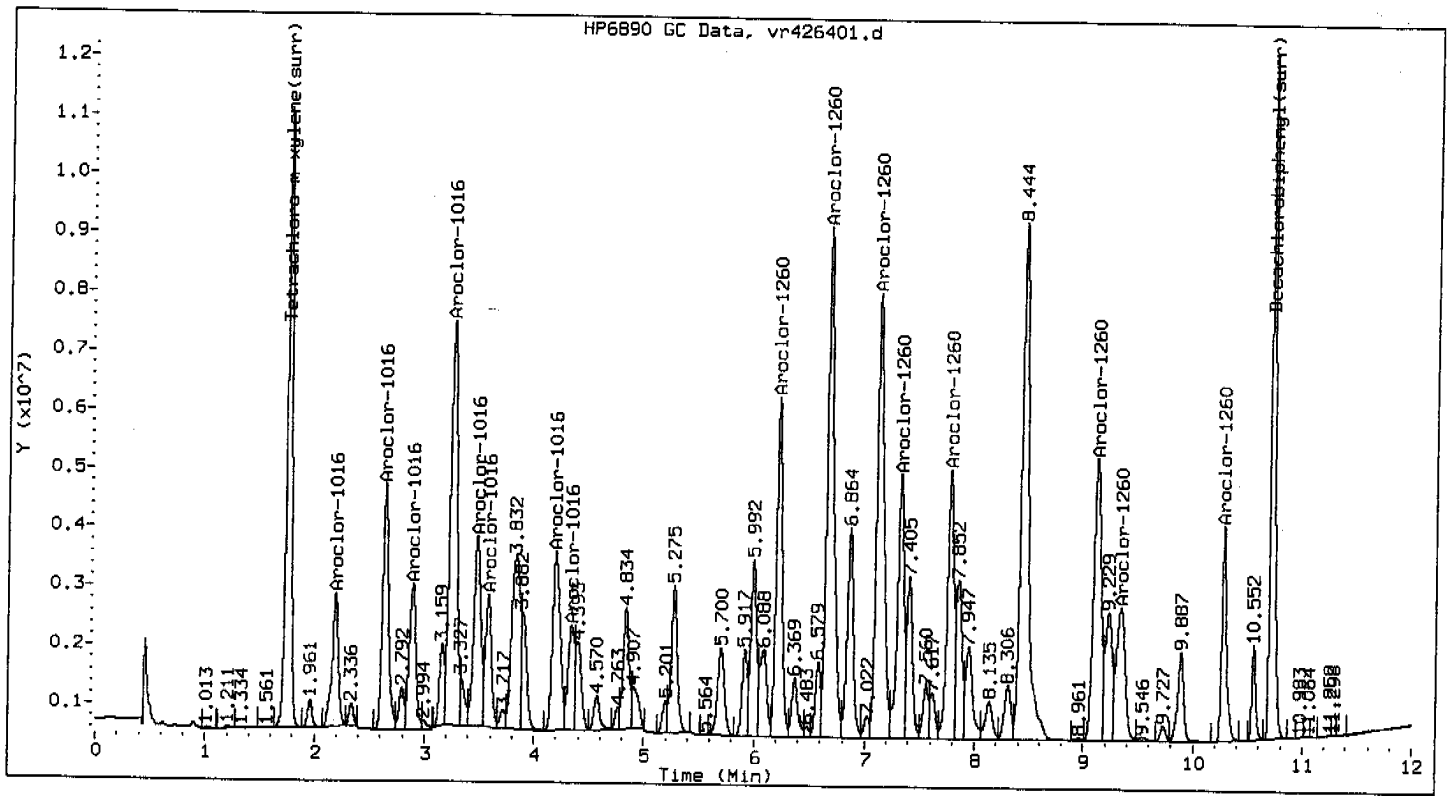
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07j.b/vr426401.d
Injection Date: 19-DEC-2007 09:49

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.189	
	2.634	(2.564 - 2.704)	2.636	
	2.888	(2.818 - 2.958)	2.889	
	3.250	(3.180 - 3.320)	3.252	
	3.471	(3.401 - 3.541)	3.473	
	3.576	(3.506 - 3.646)	3.578	
	4.191	(4.121 - 4.261)	4.191	
	4.336	(4.266 - 4.406)	4.335	
Aroclor-1260	6.221	(6.151 - 6.291)	6.217	
	6.672	(6.602 - 6.742)	6.668	
	7.123	(7.053 - 7.193)	7.118	
	7.328	(7.258 - 7.398)	7.323	
	7.784	(7.714 - 7.854)	7.777	
	9.131	(9.061 - 9.201)	9.120	
	9.348	(9.278 - 9.418)	9.340	
	10.281	(10.211 - 10.351)	10.276	
Tetrachloro-m-xylene(surr)	1.750	(1.700 - 1.800)	1.753	
Decachlorobiphenyl(surr)	10.713	(10.613 - 10.813)	10.709	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07j.b/06Vr8082.m
Sample Info : SG1660L3_00003J
Lab ID : SG1660L3_00003J
Inj Date : 19-DEC-2007 09:49
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.189	2.189	0.000	8802855	945.148	945.148
(2)		2.636	2.636	0.000	15654617	951.383	951.383
(3)		2.889	2.889	0.000	10544215	1004.432	1004.432
(4)		3.252	3.252	0.000	31671974	924.090	924.090
(5)		3.473	3.473	0.000	14427440	978.683	978.683
(6)		3.578	3.578	0.000	9042789	1012.702	1012.702
(7)		4.191	4.191	0.000	14890976	936.221	936.221
(8)		4.335	4.335	0.000	7268252	1014.994	1014.994
Average of peak concentrations:							970.00
Aroclor-1260		6.217	6.217	0.000	21436542	1004.889	1004.889
(2)		6.668	6.668	0.000	37650044	991.319	991.319
(3)		7.118	7.118	0.000	36002119	1015.461	1015.461
(4)		7.323	7.323	0.000	17886955	1008.572	1008.572
(5)		7.777	7.777	0.000	18789677	1006.302	1006.302
(6)		9.120	9.120	0.000	23278773	1013.804	1013.804

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.340	9.340	0.000	12732232	1076.612	1076.612
(8)	10.276	10.276	0.000	10887093	1049.265	1049.265
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	1.753	1.753	0.000	32583172	94.872	94.872
Decachlorobiphenyl(surr)	10.709	10.709	0.000	31970881	97.771	97.771

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07j.b/vf426401.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07j.b/06Vf8082.m

Sample Information: SG1660L3_00003J
Injection Date: 19-DEC-2007 09:49

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.982	1000	991.99	0.80
Aroclor-1016	2	3.664	1000	1007.68	0.77
Aroclor-1016	3	4.103	1000	1126.62	12.66
Aroclor-1016	4	4.495	1000	1027.64	2.76
Aroclor-1016	5	4.738	1000	1051.19	5.12
Aroclor-1016	6	5.169	1000	1040.34	4.03
Aroclor-1016	7	5.556	1000	962.44	3.76
Aroclor-1016	8	5.765	1000	1035.42	3.54
Aroclor-1260	1	7.758	1000	1046.28	4.63
Aroclor-1260	2	8.213	1000	1042.96	4.30
Aroclor-1260	3	9.072	1000	1057.35	5.74
Aroclor-1260	4	9.324	1000	1060.89	6.09
Aroclor-1260	5	9.449	1000	1079.66	7.97
Aroclor-1260	6	9.908	1000	1097.81	9.78
Aroclor-1260	7	10.627	1000	1087.95	8.80
Aroclor-1260	8	11.093	1000	1080.22	8.02

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.282	100	97.85	2.15
Decachlorobiphenyl(sur	11.523	100	100.35	0.35

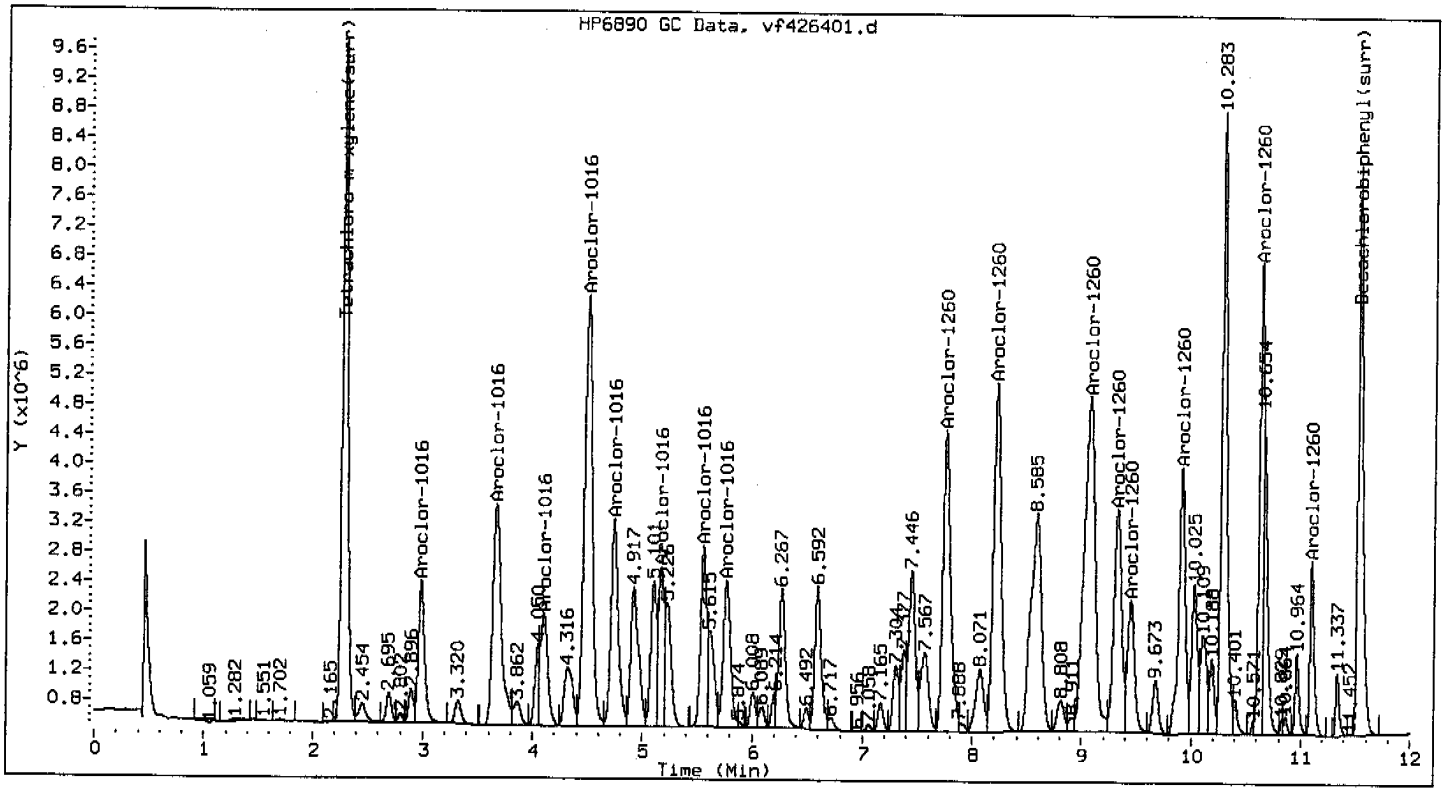
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07j.b/vf426401.d
Injection Date: 19-DEC-2007 09:49

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.982	
	3.667	(3.597 - 3.737)	3.664	
	4.107	(4.037 - 4.177)	4.103	
	4.498	(4.428 - 4.568)	4.495	
	4.742	(4.672 - 4.812)	4.738	
	5.175	(5.105 - 5.245)	5.169	
	5.562	(5.492 - 5.632)	5.556	
	5.770	(5.700 - 5.840)	5.765	
Aroclor-1260	7.768	(7.698 - 7.838)	7.758	
	8.223	(8.153 - 8.293)	8.213	
	9.088	(9.018 - 9.158)	9.072	
	9.338	(9.268 - 9.408)	9.324	
	9.463	(9.393 - 9.533)	9.449	
	9.919	(9.849 - 9.989)	9.908	
	10.633	(10.563 - 10.703)	10.627	
	11.098	(11.028 - 11.168)	11.093	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.282	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.523	



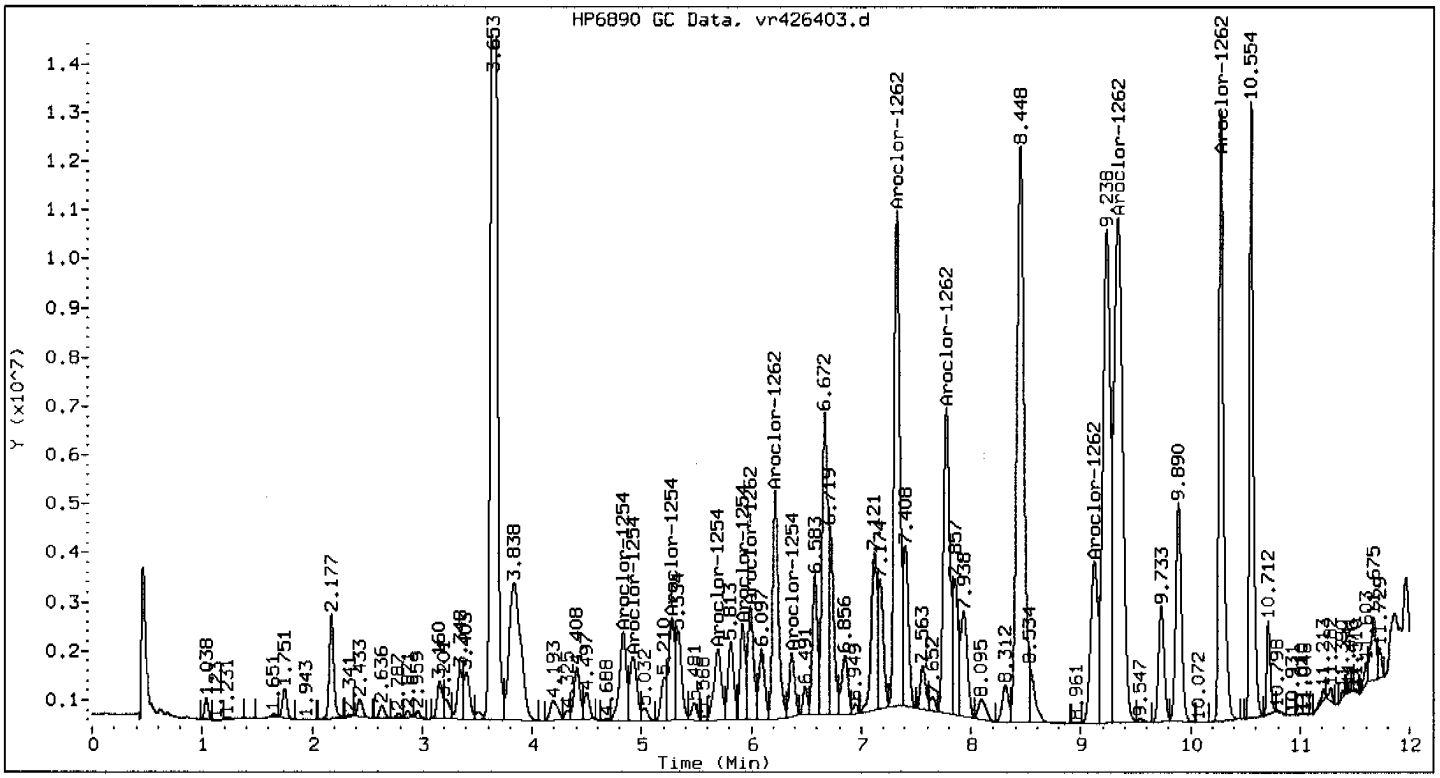
Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07j.b/06Vf8082.m
Sample Info : SG1660L3_00003J
Lab ID : SG1660L3_00003J
Inj Date : 19-DEC-2007 09:49
Operator : 615 12-19-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.982	2.982	0.000	7445745	991.988	991.988
(2)		3.664	3.664	0.000	16611509	1007.677	1007.677
(3)		4.103	4.103	0.000	7249899	1126.625	1126.625
(4)		4.495	4.495	0.000	29835038	1027.640	1027.640
(5)		4.738	4.738	0.000	12991271	1051.189	1051.189
(6)		5.169	5.169	0.000	8450208	1040.345	1040.345
(7)		5.556	5.556	0.000	9105999	962.439	962.439
(8)		5.765	5.765	0.000	9045230	1035.418	1035.418
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.758	7.758	0.000	20032019	1046.281	1046.281
(2)		8.213	8.213	0.000	23047608	1042.958	1042.958
(3)		9.072	9.072	0.000	31708744	1057.355	1057.355
(4)		9.324	9.324	0.000	14905038	1060.887	1060.887
(5)		9.449	9.449	0.000	8031794	1079.655	1079.655
(6)		9.908	9.908	0.000	15034645	1097.810	1097.810

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.627	10.627	0.000	15968571	1087.952	1087.952
(8)	11.093	11.093	0.000	6258379	1080.216	1080.216
Average of peak concentrations:						1100.00
Tetrachloro-m-xylene(surr)	2.282	2.282	0.000	31341836	97.852	97.852
Decachlorobiphenyl(surr)	11.523	11.523	0.000	23194328	100.348	100.348

COMMENTS:
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07j.b/06Vr8082.m
Sample Info : 884100;4040184
Lab ID : 884100
Inj Date : 19-DEC-2007 12:40
Operator : 615 ks 12-19-07
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 10
Sample Matrix : SOIL
Sample Type: SAMPLE

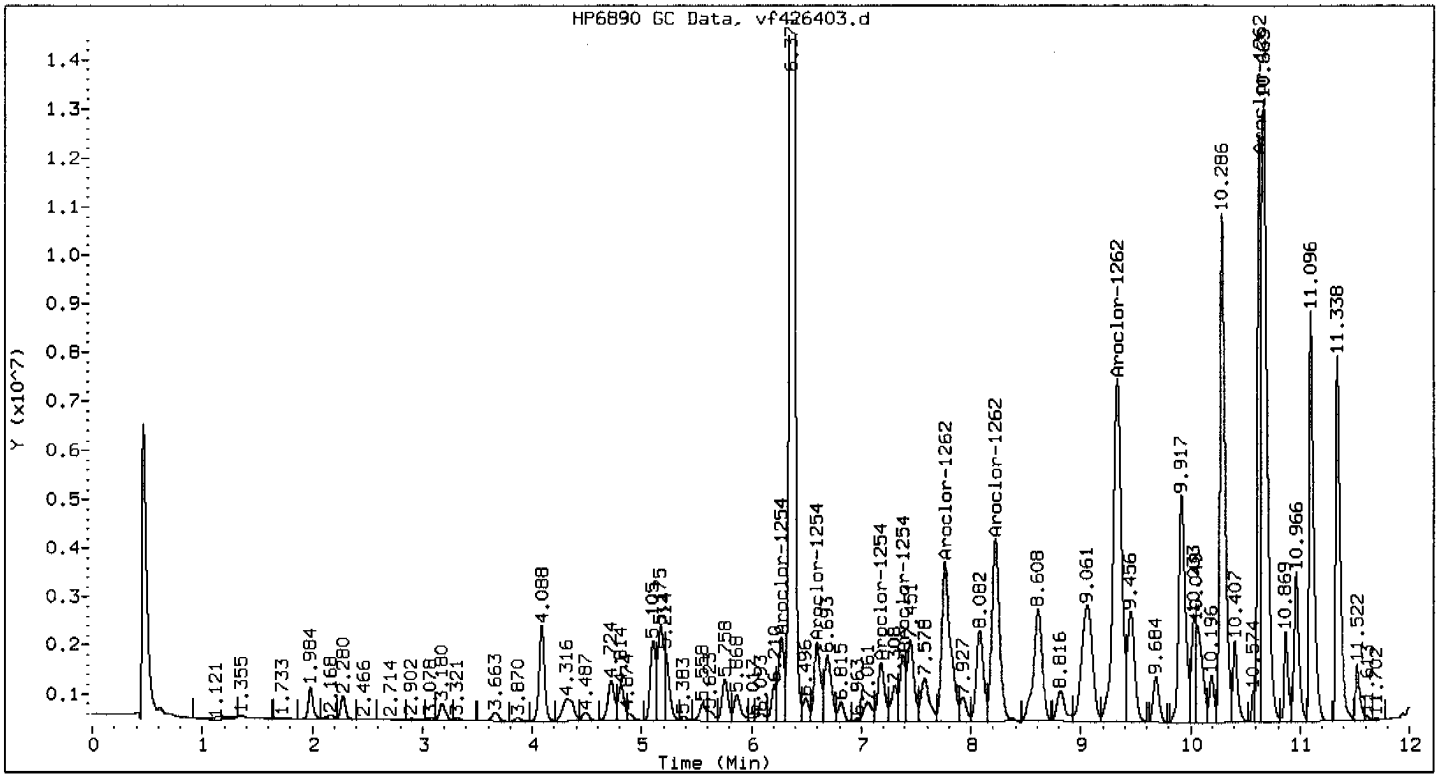
Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254	(M)	4.834	4.839	0.005	7909975	491.961	3588.339	
(2)		4.923	4.914	0.010	6138902	463.806	3382.978	
(3)		5.277	5.279	0.002	8347718	369.901	2698.036	
(4)		5.697	5.722	0.025	6869032	406.840	2967.468	
(5)		5.921	5.922	0.001	6501004	216.897	1582.035	
(6)		6.372	6.373	0.001	4394951	184.992	1349.325	
(7)		------	6.672	------	------	------	------	(*)
(8)		------	7.125	------	------	------	------	(*)
Average of peak concentrations:							2600.00	
Aroclor-1262		5.994	5.995	0.001	8438311	663.025	4836.070	
(2)		6.220	6.220	0.000	17590360	976.087	7119.524	
(3)		------	7.122	------	------	------	------	(*)
(4)		7.328	7.329	0.001	37304607	1321.075	9635.853	
(5)		7.779	7.782	0.003	25009944	955.294	6967.864	
(6)		9.126	9.128	0.002	14804234	749.178	5464.462	

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.340	9.345	0.005	57135026	2176.260	15873.525
(8)	10.279	10.280	0.001	36607411	1885.068	13749.581

Average of peak concentrations: 9100.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07j.b/06Vf8082.m
Sample Info : 884100;4040184
Lab ID : 884100
Inj Date : 19-DEC-2007 12:40
Operator : 615 KS 12-19-07
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 10
Sample Matrix : SOIL
Sample Type: SAMPLE

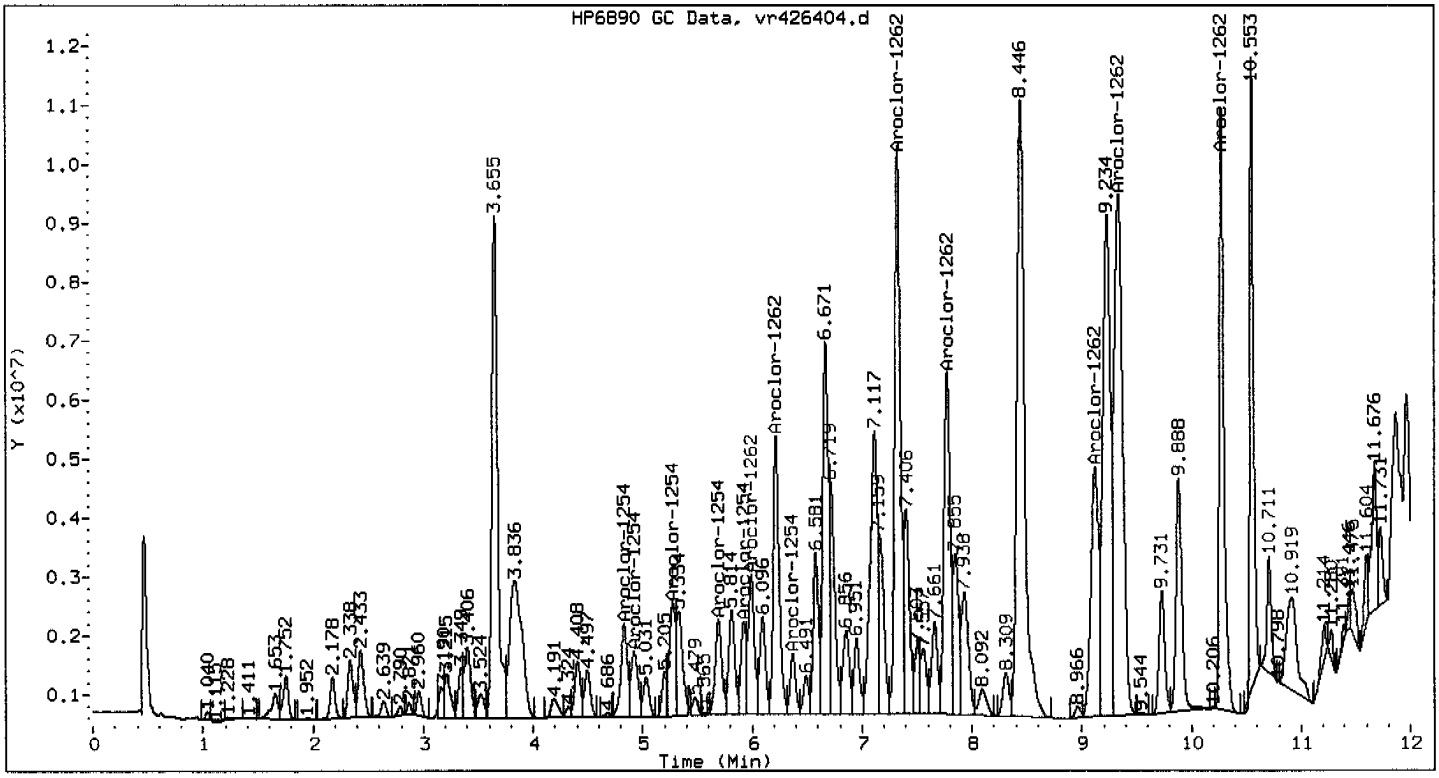
Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254	(M)	------	5.108	------	------	------	------	(*)
(2)		6.272	6.274	0.002	6537521	407.536	2972.547	
(3)		6.598	6.601	0.002	6384976	382.328	2788.676	
(4)		7.179	7.176	0.003	5245973	461.366	3365.181	
(5)		7.383	7.390	0.006	4768299	189.833	1384.631	
(6)		------	8.604	------	------	------	------	(*)
(7)		------	9.094	------	------	------	------	(*)
(8)		------	9.861	------	------	------	------	(*)
Average of peak concentrations:							2600.00	
Aroclor-1262	(M)	7.764	7.767	0.003	18360478	1176.014	8577.782	
(2)		8.219	8.223	0.004	18292355	1004.701	7328.233	
(3)		9.333	9.337	0.005	37268545	1520.865	11093.111	
(4)		------	9.919	------	------	------	------	(*)
(5)		10.628	10.630	0.003	23182350	1334.263	9732.043	
(6)		------	10.663	------	------	------	------	(*)

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
(7)	------	11.098	------	------	------	------	(*)
(8)	------	11.340	------	------	------	------	(*)

Average of peak concentrations: 9200.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07j.b/06Vr8082.m
Sample Info : 884101;4040187
Lab ID : 884101
Inj Date : 19-DEC-2007 12:55
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 10
Sample Matrix : SOIL
Sample Type: SAMPLE

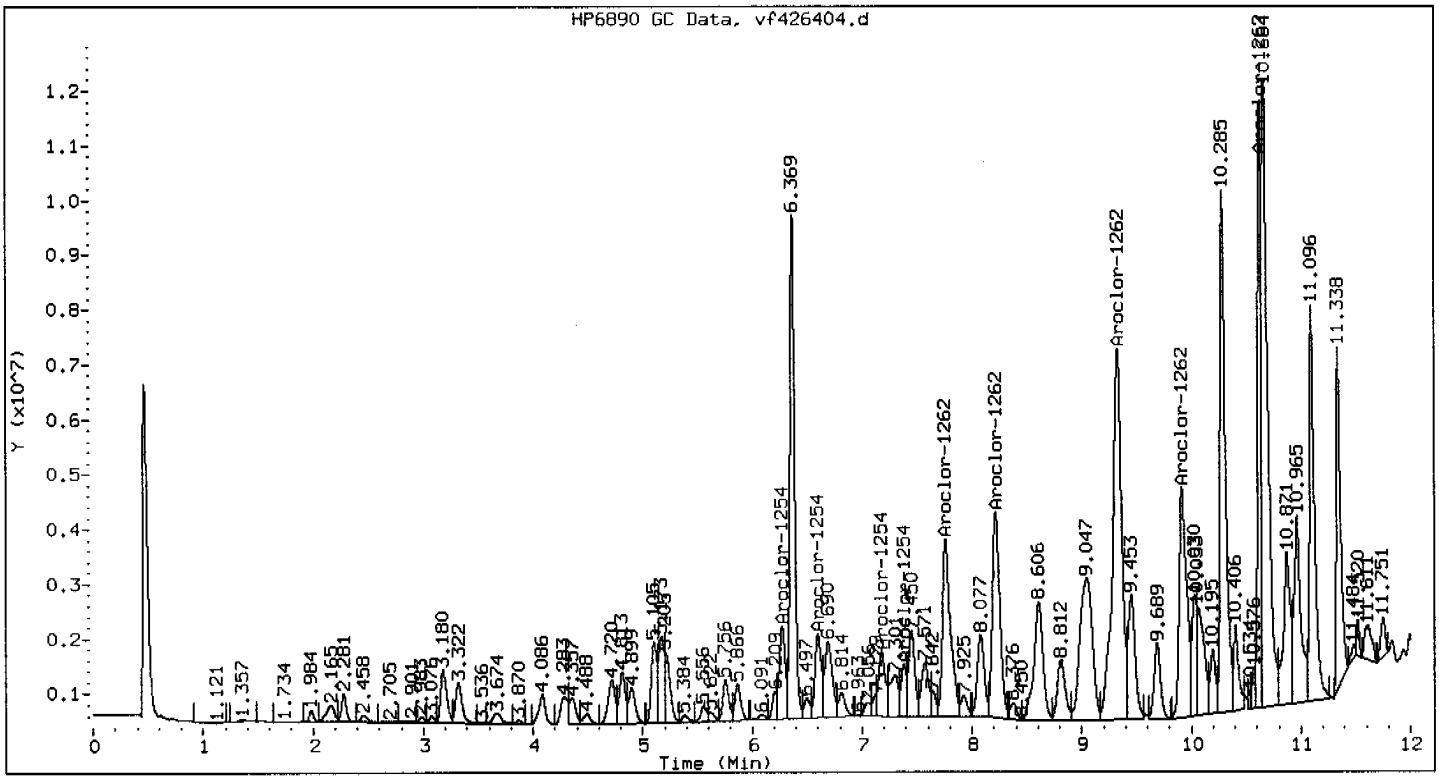
Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254	(M)	4.835	4.839	0.004	6465639	402.131	3277.349	
(2)		4.923	4.914	0.009	4763366	359.882	2933.022	
(3)		5.278	5.279	0.001	7381225	327.074	2665.639	
(4)		5.694	5.722	0.028	6696166	396.601	3232.285	
(5)		5.924	5.922	0.002	5322003	177.561	1447.117	
(6)		6.370	6.373	0.003	3633157	152.927	1246.349	
(7)		------	6.672	------	------	------	------	(*)
(8)		------	7.125	------	------	------	------	(*)
Average of peak concentrations:							2500.00	
Aroclor-1262	(M)	5.993	5.995	0.002	9017908	708.566	5774.783	
(2)		6.219	6.220	0.002	17847001	990.328	8071.131	
(3)		------	7.122	------	------	------	------	(*)
(4)		7.326	7.329	0.002	36167584	1280.810	10438.548	
(5)		7.776	7.782	0.006	23326779	891.003	7261.638	
(6)		9.127	9.128	0.001	20651016	1045.058	8517.179	

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.337	9.345	0.008	49203096	1874.135	15274.123
(8)	10.278	10.280	0.002	29774325	1533.204	12495.547

Average of peak concentrations: 9700.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07j.b/06Vf8082.m
Sample Info : 884101;4040187
Lab ID : 884101 Inst ID : PESTGC9.i
Inj Date : 19-DEC-2007 12:55 Dil Factor : 10
Operator : 615 Sample Matrix : SOIL
Cpnd Sublist: PCB8082+ k 12-19-07 Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254	(M)	------	5.108	------	------	------	------	(*)
(2)		6.272	6.274	0.002	6545181	408.014	3325.296	
(3)		6.597	6.601	0.003	6277912	375.917	3063.705	
(4)		7.176	7.176	0.000	5089532	447.608	3647.986	
(5)		7.381	7.390	0.009	3102903	123.531	1006.773	
(6)		------	8.604	------	------	------	------	(*)
(7)		------	9.094	------	------	------	------	(*)
(8)		------	9.861	------	------	------	------	(*)
Average of peak concentrations:							2800.00	
Aroclor-1262		7.762	7.767	0.005	16843229	1078.832	8792.437	
(2)		8.217	8.223	0.006	18048717	991.319	8079.210	
(3)		9.329	9.337	0.008	39299844	1603.759	13070.573	
(4)		------	9.919	------	------	------	------	(*)
(5)		10.627	10.630	0.003	22345742	1286.112	10481.760	
(6)		------	10.663	------	------	------	------	(*)

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)	
(7)	------	11.098	------	------	------	------	(*)
(8)	------	11.340	------	------	------	------	(*)
Average of peak concentrations:						10000.00	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07k.b/vr426411.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07k.b/06Vr8082.m

Sample Information: SG1660L3_00003K
Injection Date: 19-DEC-2007 16:52

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.190	1000	995.39	0.46
Aroclor-1016	2	2.638	1000	976.50	2.35
Aroclor-1016	3	2.892	1000	1017.20	1.72
Aroclor-1016	4	3.253	1000	961.37	3.86
Aroclor-1016	5	3.475	1000	1035.59	3.56
Aroclor-1016	6	3.580	1000	1078.30	7.83
Aroclor-1016	7	4.193	1000	953.86	4.61
Aroclor-1016	8	4.338	1000	1008.88	0.89
Aroclor-1260	1	6.218	1000	1014.34	1.43
Aroclor-1260	2	6.668	1000	1000.64	0.06
Aroclor-1260	3	7.119	1000	1025.85	2.58
Aroclor-1260	4	7.324	1000	995.94	0.41
Aroclor-1260	5	7.778	1000	1015.30	1.53
Aroclor-1260	6	9.121	1000	1028.76	2.88
Aroclor-1260	7	9.340	1000	1065.55	6.56
Aroclor-1260	8	10.277	1000	1032.20	3.22

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.755	100	98.47	1.53
Decachlorobiphenyl(sur	10.710	100	92.48	7.52

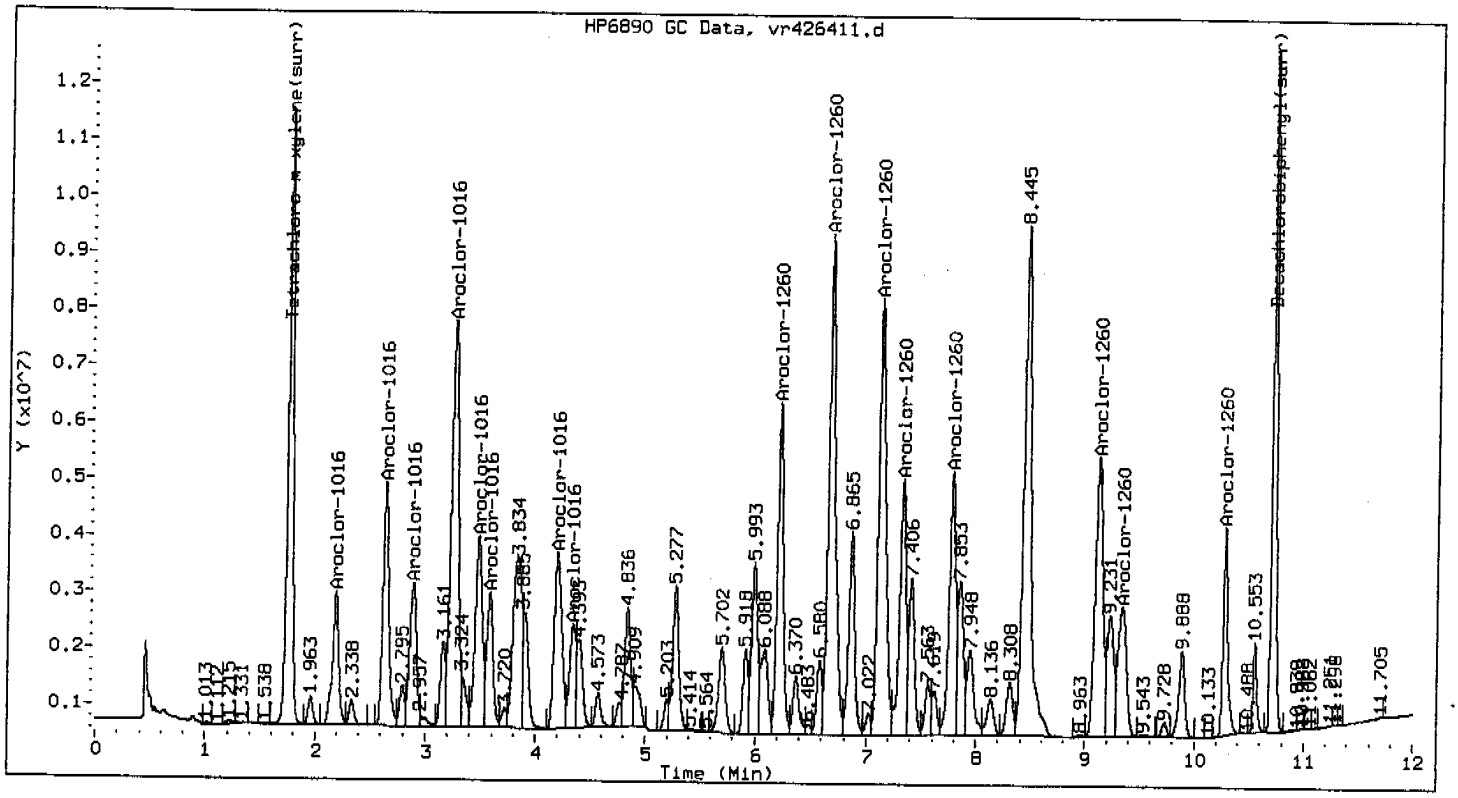
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07k.b/vr426411.d
Injection Date: 19-DEC-2007 16:52

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.190	
	2.634	(2.564 - 2.704)	2.638	
	2.888	(2.818 - 2.958)	2.892	
	3.250	(3.180 - 3.320)	3.253	
	3.471	(3.401 - 3.541)	3.475	
	3.576	(3.506 - 3.646)	3.580	
	4.191	(4.121 - 4.261)	4.193	
	4.336	(4.266 - 4.406)	4.338	
Aroclor-1260	6.221	(6.151 - 6.291)	6.218	
	6.672	(6.602 - 6.742)	6.668	
	7.123	(7.053 - 7.193)	7.119	
	7.328	(7.258 - 7.398)	7.324	
	7.784	(7.714 - 7.854)	7.778	
	9.131	(9.061 - 9.201)	9.121	
	9.348	(9.278 - 9.418)	9.340	
	10.281	(10.211 - 10.351)	10.277	
Tetrachloro-m-xylene(surr)	1.750	(1.700 - 1.800)	1.755	
Decachlorobiphenyl(surr)	10.713	(10.613 - 10.813)	10.710	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07k.b/06Vr8082.m
Sample Info : SG1660L3_00003K
Lab ID : SG1660L3_00003K
Inj Date : 19-DEC-2007 16:52
Operator : 615 12-20-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.190	2.190	0.000	9270762	995.386	995.386
(2)		2.638	2.638	0.000	16067832	976.495	976.495
(3)		2.892	2.892	0.000	10678206	1017.196	1017.196
(4)		3.253	3.253	0.000	32949660	961.369	961.369
(5)		3.475	3.475	0.000	15266325	1035.589	1035.589
(6)		3.580	3.580	0.000	9628576	1078.305	1078.305
(7)		4.193	4.193	0.000	15171566	953.862	953.862
(8)		4.338	4.338	0.000	7224439	1008.876	1008.876
Average of peak concentrations:							1000.00
Aroclor-1260		6.218	6.218	0.000	21638207	1014.342	1014.342
(2)		6.668	6.668	0.000	38004116	1000.642	1000.642
(3)		7.119	7.119	0.000	36370426	1025.849	1025.849
(4)		7.324	7.324	0.000	17662860	995.936	995.936
(5)		7.778	7.778	0.000	18957639	1015.298	1015.298
(6)		9.121	9.121	0.000	23622110	1028.757	1028.757

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)	9.340	9.340	0.000	12601435	1065.552	1065.552
(8)	10.277	10.277	0.000	10710071	1032.204	1032.204
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	1.755	1.755	0.000	33817897	98.467	98.467
Decachlorobiphenyl(surr)	10.710	10.710	0.000	30240717	92.480	92.480

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07k.b/vf426411.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07k.b/06Vf8082.m

Sample Information: SG1660L3_00003K
Injection Date: 19-DEC-2007 16:52

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.984	1000	1015.79	1.58
Aroclor-1016	2	3.667	1000	1018.50	1.85
Aroclor-1016	3	4.105	1000	1019.80	1.98
Aroclor-1016	4	4.497	1000	1023.21	2.32
Aroclor-1016	5	4.740	1000	1011.70	1.17
Aroclor-1016	6	5.172	1000	1033.15	3.32
Aroclor-1016	7	5.558	1000	1037.11	3.71
Aroclor-1016	8	5.766	1000	1076.41	7.64
Aroclor-1260	1	7.759	1000	1074.05	7.41
Aroclor-1260	2	8.214	1000	1053.43	5.34
Aroclor-1260	3	9.075	1000	1063.40	6.34
Aroclor-1260	4	9.327	1000	1079.57	7.96
Aroclor-1260	5	9.451	1000	1120.53	12.05
Aroclor-1260	6	9.910	1000	1084.33	8.43
Aroclor-1260	7	10.628	1000	1026.49	2.65
Aroclor-1260	8	11.094	1000	1101.23	10.12

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.283	100	99.59	0.41
Decachlorobiphenyl(sur	11.523	100	101.20	1.20

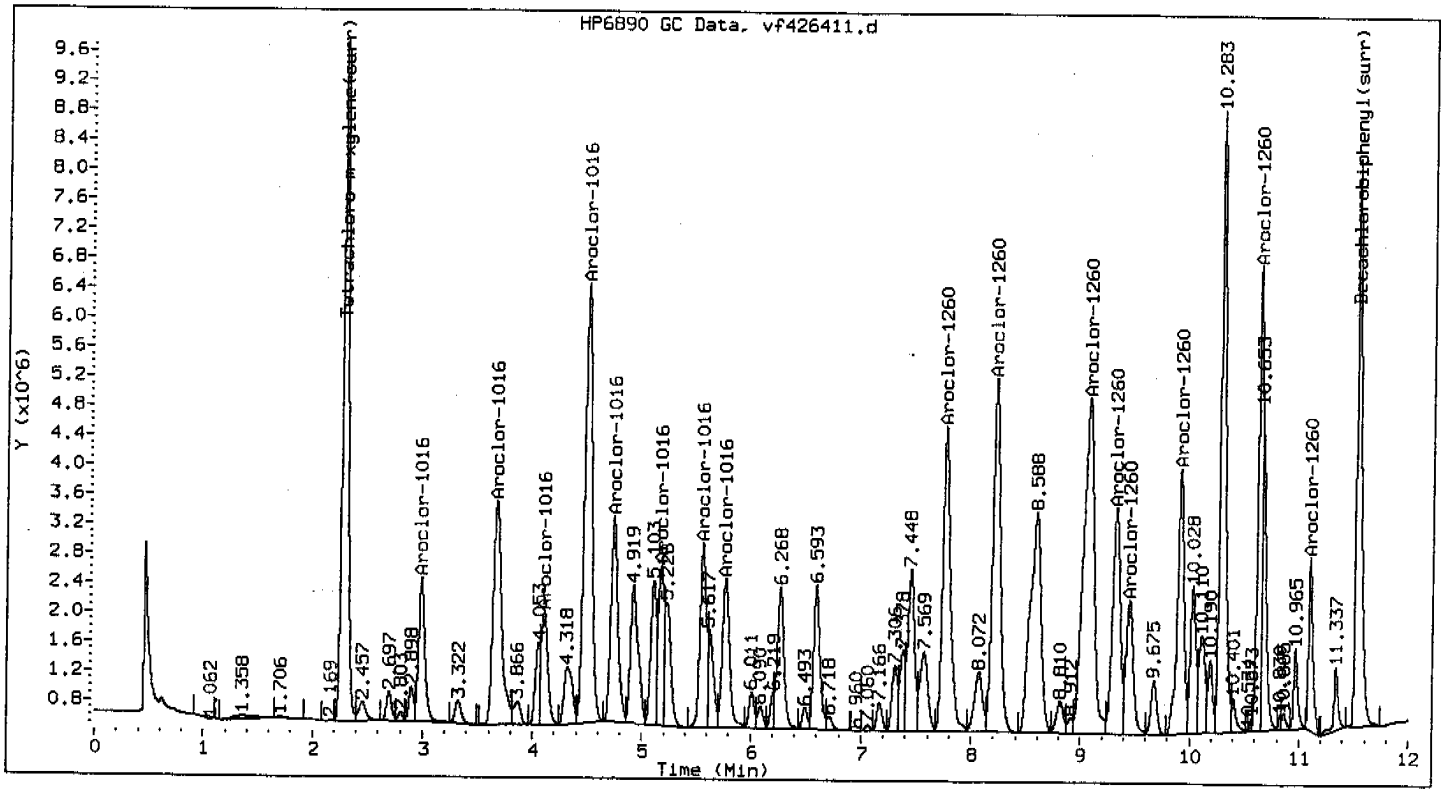
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07k.b/vf426411.d
Injection Date: 19-DEC-2007 16:52

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.984	
	3.667	(3.597 - 3.737)	3.667	
	4.107	(4.037 - 4.177)	4.105	
	4.498	(4.428 - 4.568)	4.497	
	4.742	(4.672 - 4.812)	4.740	
	5.175	(5.105 - 5.245)	5.172	
	5.562	(5.492 - 5.632)	5.558	
	5.770	(5.700 - 5.840)	5.766	
Aroclor-1260	7.768	(7.698 - 7.838)	7.759	
	8.223	(8.153 - 8.293)	8.214	
	9.088	(9.018 - 9.158)	9.075	
	9.338	(9.268 - 9.408)	9.327	
	9.463	(9.393 - 9.533)	9.451	
	9.919	(9.849 - 9.989)	9.910	
	10.633	(10.563 - 10.703)	10.628	
	11.098	(11.028 - 11.168)	11.094	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.283	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.523	



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07k.b/06Vf8082.m
Sample Info : SG1660L3_00003K
Lab ID : SG1660L3_00003K
Inj Date : 19-DEC-2007 16:52
Operator : 615 12-20-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.984	2.984	0.000	7624432	1015.794	1015.794
(2)		3.667	3.667	0.000	16789953	1018.502	1018.502
(3)		4.105	4.105	0.000	6562451	1019.796	1019.796
(4)		4.497	4.497	0.000	29706318	1023.207	1023.207
(5)		4.740	4.740	0.000	12503219	1011.699	1011.699
(6)		5.172	5.172	0.000	8391772	1033.150	1033.150
(7)		5.558	5.558	0.000	9812463	1037.107	1037.107
(8)		5.766	5.766	0.000	9403308	1076.407	1076.407
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.759	7.759	0.000	20563746	1074.054	1074.054
(2)		8.214	8.214	0.000	23279009	1053.430	1053.430
(3)		9.075	9.075	0.000	31889991	1063.399	1063.399
(4)		9.327	9.327	0.000	15167543	1079.571	1079.571
(5)		9.451	9.451	0.000	8335900	1120.534	1120.534
(6)		9.910	9.910	0.000	14850037	1084.330	1084.330

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.628	10.628	0.000	15066380	1026.485	1026.485
(8)	11.094	11.094	0.000	6380136	1101.232	1101.232
Average of peak concentrations:						1100.00
Tetrachloro-m-xylene(surr)	2.283	2.283	0.000	31897456	99.586	99.586
Decachlorobiphenyl(surr)	11.523	11.523	0.000	23391289	101.200	101.200

COMMENTS:
M - Compound response manually integrated.

Injection Log Book

SVOA GC Extractions

TestAmerica Edison

Matrix: SOLID | Analytical Method: 8082 | Surr Lot#/Amt: SP1533 50µ

Job #: 0590 | Prep Method: 3550B/3541 | QC Spike Lot#/Amt: SP1534 50µ

Client: Haley & Aldrich | F/B Initials: | Acid Initials:

Method Blank: SP3477Y | TBA Initials: | Florisil Initials:

QA Batch: 6361 | TBA Date: | Florisil Date:

Sample ID	Extract Date	Sample Amount	Final Volume	Spike Initial	Spike Witness	Florisil Sample Amount	Florisil Final Volume	Comments	Soxtherm Position	pH Herb
884049	12/13/07	15.04	10 mL	CS				PCBs method 3541 extraction	81	
884051		15.04						PCBs method 3541 extraction	82	
884052		15.00						PCBs method 3541 extraction	83	
884053		15.03						PCBs method 3541 extraction	84	
884054		14.95						PCBs method 3541 extraction	85	
884055		15.00						PCBs method 3541 extraction	86	
884056		15.00						PCBs method 3541 extraction	87	
884057		15.01						PCBs method 3541 extraction	88	
884058		15.03						PCBs method 3541 extraction	89	
884059		15.00						PCBs method 3541 extraction	90	
884060		15.04						PCBs method 3541 extraction	97	
884061		14.98						PCBs method 3541 extraction	98	
884062		15.00						PCBs method 3541 extraction	99	
884063		15.01						PCBs method 3541 extraction	100	
884064		15.03						PCBs method 3541 extraction	101	
884065		14.95						PCBs method 3541 extraction	102	
884066		14.96						PCBs method 3541 extraction	73 ~~103~~	
~~884068~~								PCBs method 3541 extractioN		
884069		15.01						PCBs method 3541 extraction	75	
884070		15.01						PCBs method 3541 extraction	76	
884071		14.97							77	
884053MS		14.98							75	
↓ MSD		15.00							76	
BS6361		29.99							74	
SP347Y		29.98							73	

Extracted By: [signature] | Relinquished By/Date: CS 12/13/07

Reviewed By: 12/13/7 | Received By/Date:

SVOA GC Extractions

TestAmerica Edison

Matrix: SOLID | Analytical Method: 8082 | Surr Lot#/Amt: SP1533 50uL

Job #: O590 | Prep Method: 3550B/3541 | QC Spike Lot#/Amt: SP1534 50uL

Client: Haley & Aldrich | F/B Initials: | Acid Initials:

Method Blank: SP3472 | TBA Initials: | Florisil Initials:

QA Batch: 6362 | TBA Date: | Florisil Date:

Sample ID	Extract Date	Sample Amount	Final Volume	Spike Initial	Spike Witness	Florisil Sample Amount	Florisil Final Volume	Comments	Soxtherm Position	pH Herb
~~884071~~								PCBs method 3541 extraction		
884072	12/13/07	15.01	10 mL	CS				PCBs method 3541 extraction	78	
884073		14.96						PCBs method 3541 extraction	79	
884074		15.03						PCBs method 3541 extraction	80	
884075		14.98						PCBs method 3541 extraction	81	
884076		14.95						PCBs method 3541 extraction	82	
884077		15.00						PCBs method 3541 extraction	83	
884078		15.03						PCBs method 3541 extraction	84	
884079		15.01						PCBs method 3541 extraction	85	
884080		15.04						PCBs extract and hold	86	
884081		14.98						PCBs extract and hold	87	
884082		14.95						PCBs extract and hold	88	
884083		14.96						PCBs extract and hold	89	
884084		14.98						PCBs extract and hold	90	
884085		15.01						PCBs extract and hold	97	
884086		15.03						PCBs extract and hold	98	
884087		14.99						PCBs extract and hold	99	
884088		14.98						PCBs extract and hold	100	
884090		15.01						PCBs extract and hold	101	
884091		15.04						PCBs extract and hold	102	
884068		15.01						MS/MSD	74	
884068 MS		15.01							79	
↳ MSD		15.03							80	
BS 6362		30.02							78	
SP3472		30.00							77	

Extracted By: CM | Relinquished By/Date: 12/13/07

Reviewed By: 12/13/7 | Received By/Date:

SP348J

SVOA GC Extractions

TestAmerica Edison

Matrix: SOLID | Analytical Method: 8082 | Surr Lot#/Amt: SP1531 / 5ml

Job #: O590 | Prep Method: 3550B/3541 | QC Spike Lot#/Amt: SP1530 / 5ml

Client: Haley & Aldrich | F/B Initials: J.H | Acid Initials: J.H

Method Blank: SP348J | TBA Initials: J.H | Florisil Initials:

QA Batch: C63606 | TBA Date: J.H 12-14-07 | Florisil Date:

Sample ID	Extract Date	Sample Amount	Final Volume	Spike Initial	Spike Witness	Florisil Sample Amount	Florisil Final Volume	Comments	Soxtherm Position	pH Herb
884092	12-14-07	15 g	10 mL	J.H	KH			PCBs extract and hold		
884093								PCBs extract and hold		
884094								PCBs extract and hold		
884095								PCBs method 3541 extraction		
884096								PCBs method 3541 extraction		
884097								PCBs method 3541 extraction		
884098								PCBs method 3541 extraction		
884099								PCBs method 3541 extraction		
884100								PCBs method 3541 extraction		
884101								PCBs method 3541 extraction		
884102								PCBs method 3541 extraction		
884103								PCBs method 3541 extraction		
884104								PCBs method 3541 extraction		
884105								PCBs method 3541 extraction		

884104 MS	12-14-07	15 g	10 mL	J.H	KH			PCB		
MSD		15 g								
BS 63606		30 g								
SP348S		30 g								

Extracted By: Jaime Hurtos | Relinquished By/Date: J H 12-14-07

Reviewed By: KH 12/14/7 | Received By/Date:

SP353A

SVOA GC Extractions

TestAmerica Edison

Matrix: SOLID
Job #: O590
Client: Haley & Aldrich
Method Blank: SP353A
QA Batch: 6361

Analytical Method: 8082
Prep Method: 3550B/3541
F/B Initials:
TBA Initials:
TBA Date:

Surr Lot#/Amt: SI537 Soul
QC Spike Lot#/Amt:
Acid Initials:
Florisil Initials:
Florisil Date:

Sample ID	Extract Date	Sample Amount	Final Volume	Spike		Florisil		Comments	Soxtherm Position	pH Herb
				Initial	Witness	Sample Amount	Final Volume			
884051RE	12/19/07	14.99	10 ml	G	KH			PCBs method 3541 extraction	82	

Extracted By: [signature]
Reviewed By: KH 12/19/7

Relinquished By/Date: G 12/19/07
Received By/Date:

WP347

SVOA GC Extractions

TestAmerica Edison

Matrix: WATER | Analytical Method: 8082 | Surr Lot#/Amt: SP 1537/500ul
Job #: O590 | Prep Method: 3510C | QC Spike Lot#/Amt:
Client: Haley & Aldrich | F/B Initials: BR | Acid Initials:
Method Blank: WP347 | TBA Initials: | Florisil Initials:
QA Batch: 6355 | TBA Date: | Florisil Date:

Sample ID	Extract Date	Sample Amount	Final Volume	Spike		Florisil		Comments	Soxtherm Position	pH Herb
				Initial	Witness	Sample Amount	Final Volume			
884050	12/13/07	1000 ml	5 ml	BR				PCB 8082		
884067	"	1000 ml	"	"				"		

Extracted By: [signature] | Relinquished By/Date: 12/13/07
Reviewed By: [signature] 12-13-07 | Received By/Date:

WP348A

SVOA GC Extractions

TestAmerica Edison

Matrix: WATER
Job #: O590
Client: Haley & Aldrich
Method Blank: WP348A
QA Batch: 03602

Analytical Method: 8082
Prep Method: 3510C
F/B Initials: BR
TBA Initials:
TBA Date:

Surr Lot#/Amt: SP1537/50ml
QC Spike Lot#/Amt:
Acid Initials:
Florisil Initials:
Florisil Date:

Sample ID	Extract Date	Sample Amount	Final Volume	Spike		Florisil		Comments	Soxtherm Position	pH Herb
				Initial	Witness	Sample Amount	Final Volume			
884089	12-14-07	1000 mL	5ml	BR				PCB extract and hold		

Extracted By: [signature]
Reviewed By: CH 12/14/7

Relinquished By/Date: 12-14-07
Received By/Date:

WP347

PEST Extractions

STL Edison

Matrix: WATER
Job #: 0742
Client: TA - EDISON
Refrigerator: _____
TBA Initials: _____
TBA Date: _____

Analytical Method: 8082
Prep Method: 3510C
QA Batch: 6355
Exit Initials: BR
~~F/B~~ Initials: _____
Acid Initials: _____

Extraction Log Book: _____
Surr Lot#/Amount: SP 1537 / 50 ul
Spike Lot#/Amount: SP 1534 / 50 ul
Clean-up Log Book: _____
Florisil Date: _____
Florisil Initials: _____

Sample ID	Extract Date	Sample Amount	Final Volume	Spike Initial	Spike Witness	Florisil Sample Amount	Florisil Final Volume	Comments	Soxtherm Position	pH Herb
885084	12/13/07	1000 ml	5 ml	BR	RyJ			8082 PCB		
MS	↓	↓	↓	↓	↓			↓		
MSD										
BS6355										
WP347										

885084-A
0742

885084-A
0742

Extracted By: [signature] RyJ 12-13-07

Relinquished By/Date: 12/13/07

Received By/Date: _____

0590

TestAmerica Edison

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

nt ID: PESTGC7.i

al Batch: /chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b

erated: 12/13/2007

ce	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
07 1650	or055010	1	HEX	09de		09dec07a		15	10	1	SAMPLE		E1SE17
07 1706	or055011	2	SGINSTBLK_00003_A			09dec07a		15	10	1	INSTBLANK		GN
07 1723	or055012	3	SG1660L3_00003_A					0	0	1	CALIB_3		G-updated
07 1739	or055013	4	SG1660L1_00003_A					0	0	1	CALIB_1		
07 1756	or055014	5	SG1660L2_00003_A					0	0	1	CALIB_2		
07 1812	or055015	6	SG1660L4_00003_A					0	0	1	CALIB_4		
07 1828	or055016	7	SG1660L5_00003_A					0	0	1	CALIB_5		
07 1845	or055017	8	SG1221L3_00003_A					0	0	1	CALIB_3		
07 1900	or055018	9	SG1232L3_00002_A					0	0	1	CALIB_3		
07 1916	or055019	10	SG1242L3_00002_A					0	0	1	CALIB_3		
07 1931	or055020	11	SG1248L3_00002_A					0	0	1	CALIB_3		
07 1948	or055021	12	SG1254L3_00002_A					0	0	1	CALIB_3		
07 2005	or055022	13	SG1262L3_00002_A					0	0	1	CALIB_3		
07 2020	or055023	14	SG1268L3_00002_A					0	0	1	CALIB_3		

Melissa Masters 12/13/07

0590

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

ument ID: PESTGC7.i

tical Batch: /chem1/PESTGC7.i/8082/rear/Dec07/12-20-07/20dec07a.b

Generated: 12/20/2007

1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
0/07 0114	or055403	1	HEX	20de		20dec07a		15	10	1	SAMPLE		E15E17
0/07 0130	or055404	2	SGINSTBLK_00003_A			20dec07a		15	10	1	INSTBLANK		GW
0/07 0145	or055405	3	SG1660L3_00003_A					0	0	1	CCALIB_3		G
0/07 0231	or055406	4	SP353A			SP353A	12/19/07	15	10	1	BLANK		GW
0/07 0247	or055407	5	SP353ABS		SP353ABS		12/19/07	15	10	1	BS		G
0/07 0303	or055408	6	884051	0590	6361	SP353A	12/19/07	15	10	1	SAMPLE		G;1262
0/07 0319	or055409	7	886548	0968	6381	SP353A	12/19/07	15	10	1	SAMPLE		Re-extract DCB high
0/07 0335	or055410	8	886549	0968	6381	SP353A	12/19/07	15	10	1	SAMPLE		Re-extract DCB high
0/07 0351	or055411	9	886550	0968	6381	SP353A	12/19/07	15	10	1	SAMPLE		RR-2X
0/07 0408	or055412	10	886551	0968	6381	SP353A	12/19/07	15	10	1	SAMPLE		GW
0/07 0424	or055413	11	886552	0968	6381	SP353A	12/19/07	15	10	1	SAMPLE		G;1248
0/07 0441	or055414	12	886511	0456	6384	SP353A	12/19/07	15	10	1	SAMPLE		GW
0/07 0458	or055415	13	886365	0930	6384	SP353A	12/19/07	15	10	1	SAMPLE		GW
0/07 0513	or055416	14	886366	0930	6384	SP353A	12/19/07	15	10	1	SAMPLE		GW

Melissa Masters 12/20/07

12/20/07

TestAmerica Edison

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

ıment ID: PESTGC7.i

:ical Batch: /chem1/PESTGC7.i/8082/rear/Dec07/12-20-07/20dec07a.b

Generated: 12/20/2007

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
)/07 0529	or055417	15	886640	O984	6384	SP353A	12/19/07	15	10	1	SAMPLE		G; 1242
)/07 0546	or055418	16	886641	O984	6384	SP353A	12/19/07	15	10	1	SAMPLE		G; below MDL
)/07 0603	or055419	17	886642	O984	6384	SP353A	12/19/07	15	10	1	SAMPLE		GM
)/07 0618	or055420	18	886643	O984	6384	SP353A	12/19/07	15	10	1	SAMPLE		GM
)/07 0635	or055421	19	886644	O984	6384	SP353A	12/19/07	15	10	1	SAMPLE		G; below MDL
)/07 0652	or055422	20	886645	O984	6384	SP353A	12/19/07	15	10	1	SAMPLE		G; 1248/1254
)/07 0708	or055423	21	886646	O984	6384	SP353A	12/19/07	15	10	1	SAMPLE	↓	G; 1248/1254

i: Melissa Masters Read and Understood by:

12/20/7 Date: 12/20/07

TestAmerica Edison

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

ument ID: PESTGC7.i

tical Batch: /chem1/PESTGC7.i/8082/rear/Dec07/12-20-07/20dec07b.b

Generated: 12/20/2007

1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
0/07 0725	or055424	22	SGINSTBLK_00003_B			20dec07b		15	10	1	INSTBLANK		GW3
0/07 0741	or055425	23	SG1660L3_00003_B	↓	↓	↓	↓	0	0	1	CCALIB_3	↓	6

d: Melissa Masters Read and Understood by: [signature]

12/20/07 Date: 12/20/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b

Date Generated: 12/15/2007

Page 1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/14/07 1748	qr067483	1	HEX	14de	NA	14dec07ica	NA	15	10	1	SAMPLE	NA	E2/ES1
12/14/07 1804	qr067484	1	HEX	14de		14dec07ica		15	10	1	SAMPLE		E2/ES1
12/14/07 1821	qr067485	2	SGINSTBLK_00003 D	NA		14dec07ica		15	10	1	INSTBLANK		G
12/14/07 1837	qr067486	3	SG1660L1_00003 D			NA		0	0	1	CALIB_1		G
12/14/07 1854	qr067487	4	SG1660L2_00003 D					0	0	1	CALIB_2		G
12/14/07 1908	qr067488	5	SG1660L3_00003 D					0	0	1	CALIB_3		G
12/14/07 1925	qr067489	6	SG1660L4_00003 D					0	0	1	CALIB_4		G
12/14/07 1941	qr067490	7	SG1660L5_00003 D					0	0	1	CALIB_5		G
12/14/07 1956	qr067491	8	SG1221L3_00003 D					0	0	1	CALIB_3		G
12/14/07 2013	qr067492	9	SG1232L3_00002 D					0	0	1	CALIB_3		G
12/14/07 2029	qr067493	10	SG1242L3_00002 D					0	0	1	CALIB_3		G
12/14/07 2046	qr067494	11	SG1248L3_00002 D					0	0	1	CALIB_3		G
12/14/07 2102	qr067495	12	SG1254L3_00002 D					0	0	1	CALIB_3		G
12/14/07 2119	qr067496	13	SG1262L3_00002 D					0	0	1	CALIB_3		G

Rudolf B. Quaz 12/15/7

12/17/07

TestAmerica Edison

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b

Date Generated: 12/15/2007

Page 2

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/14/07 2135	qr067497	14	SG1268L3_00002 D					0	0	1	CALIB_3		G
12/14/07 2152	qr067498	15	SGPCBICV_00003 D		SGPCBICV			15	10	1	BS		G

Signed: Carol B-Hug Read and Understood by: [illegible]

Date: 12/15/7 Date: 12/17/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalg.b

Date Generated: 12/16/2007

Page 1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/15/07 0833	qr067536	35	SGINSTBLK_00003 G	NA	NA	14dec07ica	NA	15	10	1	INSTBLANK	NA	G
12/15/07 0850	qr067537	36	SG1660L3_00003 G	↓	↓	NA	↓	0	0	1	CCALIB_3		G
12/15/07 0906	qr067538	37	883258	O478	6360	SP347W	12/13/07	15	10	1	SAMPLE		G, 1248
12/15/07 0922	qr067539	38	883259	O478	6360	SP347W	12/13/07	15	10	1	SAMPLE		G 1248
12/15/07 0938	qr067540	39	883260	O478	6360	SP347W	12/13/07	15	10	1	SAMPLE		X2
12/15/07 0953	qr067541	40	883261	O478	6360	SP347W	12/13/07	15	10	1	SAMPLE		X10
12/15/07 1010	qr067542	41	WP347	NA	NA	WP347	12/13/07	1000	5	1	BLANK		G NS
12/15/07 1026	qr067543	42	6355bs	↓	6355bs	NA	NA	1000	5	1	BS		G
12/15/07 1041	qr067544	43	885084	O742	6355	WP347	12/13/07	1000	5	1	SAMPLE		G DS
12/15/07 1056	qr067545	44	885084MS	O742	6355	WP347	12/13/07	1000	5	1	MS		G
12/15/07 1113	qr067546	45	885084MSD	O742	6355	WP347	12/13/07	1000	5	1	MSD		G
12/15/07 1128	qr067547	46	883764	O541	6355	WP347	12/13/07	1000	5	1	SAMPLE		G
12/15/07 1144	qr067548	47	884050	O590	6355	WP347	12/13/07	1000	5	1	SAMPLE		RR raw ACB low
12/15/07 1200	qr067549	48	884067	O590	6355	WP347	12/13/07	1000	5	1	SAMPLE		GNS

Carol B. Diaz 12/16/07

CMF 12/17/07

0590

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b

Date Generated: 12/16/2007

Page 1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/15/07 1232	qr067551	50	SGINSTBLK_00003 H	NA	NA	14dec07ica	NA	15	10	1	INSTBLANK	NA	G
12/15/07 1248	qr067552	51	SG1660L3_00003 H	↓	↓	NA	↓	0	0	1	CCALIB_3	↓	G
12/15/07 1304	qr067553	52	SP347Y	↓	↓	SP347Y	12/13/07	15	10	1	BLANK	↓	G NJ
12/15/07 1321	qr067554	53	6361BS		6361BS	NA	12/13/07	15	10	1	BS	↓	G
12/15/07 1336	qr067555	54	884053	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE	↓	G NJ
12/15/07 1352	qr067556	55	884053MS	0590	6361	SP347Y	12/13/07	15	10	1	MS	↓	G
12/15/07 1409	qr067557	56	884053MSD	0590	6361	SP347Y	12/13/07	15	10	1	MSD	↓	G
12/15/07 1425	qr067558	57	884049	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE	↓	G 1268
12/15/07 1442	qr067559	58	884051	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE	↓	bad Trj
12/15/07 1458	qr067560	59	884052	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE	↓	G NJ
12/15/07 1515	qr067561	60	884054	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE	↓	G NJ
12/15/07 1531	qr067562	61	884055	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE	↓	G 1268
12/15/07 1547	qr067563	62	884056	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE	↓	G NJ
12/15/07 1604	qr067564	53	884057	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE	↓	RR RAW 1014/1260 possible Contamination

Carol B. Ruaz
12/16/07

CJ 12/17/07

TestAmerica Edison

690

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalh.b

Date Generated: 12/16/2007

Page 2

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/15/07 1619	qr067565	64	884058	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE	NA	G,1268
12/15/07 1635	qr067566	65	884059	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE		G,DS
12/15/07 1652	qr067567	66	884060	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE		G,DS
12/15/07 1708	qr067568	67	884061	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE		G,DS
12/15/07 1723	qr067569	68	884062	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE		G,DS
12/15/07 1739	qr067570	69	884063	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE		bad Inj
12/15/07 1754	qr067571	70	884064	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE		G,DS
12/15/07 1811	qr067572	71	884065	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE		G,DS

igned: Carol B. Diaz Read and Understood by: CMJ

ite: 12/16/7 Date: 12/17/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b

Date Generated: 12/16/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/15/07 1827	qr067573	72	SGINSTBLK_00003 I	NA	NA	14dec07ica	NA	15	10	1	INSTBLANK	NA	G
12/15/07 1844	qr067574	73	SG1660L3_00003 I	↓	↓	NA	↓	0	0	1	CCALIB_3		G
12/15/07 1900	qr067575	74	884066	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE		G
12/15/07 1916	qr067576	75	884069	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE		G ND
12/15/07 1933	qr067577	76	884070	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE		G 1268
12/15/07 1949	qr067578	77	884071	0590	6361	SP347Y	12/13/07	15	10	1	SAMPLE		G ND
12/15/07 2006	qr067579	78	SP347Z ✓			SP347Z	12/13/07	15	10	1	BLANK		G ND LMDL
12/15/07 2022	qr067580	79	6362BS		6362BS		12/13/07	15	10	1	BS		GND
12/15/07 2037	qr067581	80	884068	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		Bad Inj
12/15/07 2054	qr067582	81	884068MS	0590	6362	SP347Z	12/13/07	15	10	1	MS		XS
12/15/07 2109	qr067583	82	884068MSD	0590	6362	SP347Z	12/13/07	15	10	1	MSD		XS
12/15/07 2124	qr067584	83	~~884072~~ ds 884077 ✓	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		XS
12/15/07 2140	qr067585	84	884073 ✓	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		G ~~1262~~ ND CJB 12/21/07
12/15/07 2157	qr067586	85	884074 ✓	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		GND
													G ~~1262~~ 1268 CJB 12/21/07

Carol B. Long 12/16/7

CJB 12/17/07

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

nstrument ID: PESTGC8.i

nalytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icali.b

ate Generated: 12/16/2007

age 2

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/15/07 2213	qr067587	86	884075 ✓	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE	DA	GUS LMDL
12/15/07 2229	qr067588	87	884076 ✓	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		G 1268 1268
12/15/07 2246	qr067589	88	884077	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		X20
12/15/07 2302	qr067590	89	884078	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		RR possible Carry Over
12/15/07 2319	qr067591	90	884079	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		X10 1268
12/15/07 2336	qr067592	91	884080	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		RR Carry Over
12/15/07 2352	qr067593	92	884081 ✓	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		GUS
12/16/07 0008	qr067594	93	884082 ✓	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		G ~~1268~~ 1268 CM 12/21/07

.gned: Carol B-Aug Read and Understood by: CM

te: 12/16/7 Date: 12/17/07

TestAmerica Edison

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0590

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

nstrument ID: PESTGC8.i

nalytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalj.b

ate Generated: 12/16/2007

age 1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/16/07 0025	qr067595	94	SGINSTBLK_00003 J			14dec07ica		15	10	1	INSTBLANK		G
12/16/07 0040	qr067596	95	SG1660L3_00003 J					0	0	1	CCALIB_3		G
12/16/07 0056	qr067597	96	884083	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		G
12/16/07 0113	qr067598	97	884084	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		G
12/16/07 0129	qr067599	98	884085	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		G
12/16/07 0146	qr067600	99	884086	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		G LMSL
12/16/07 0202	qr067601	100	884087	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		G
12/16/07 0219	qr067602	1	884088	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		G
12/16/07 0235	qr067603	2	884090	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		G 1248
12/16/07 0250	qr067604	3	884091	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		G LMSL

gned: Carol B Quiz Read and Understood by: CBQ

ite: 12/16/7 Date: 12/17/07

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalk.b

Date Generated: 12/16/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/16/07 0307	qr067605	4	SGINSTBLK_00003 K	NA	NA	14dec07ica	NA	15	10	1	INSTBLANK	NA	G
12/16/07 0323	qr067606	5	SG1660L3_00003 K	↓	↓	NA	↓	0	0	1	CCALIB_3	↓	G

igned: Carol B Adams Read and Understood by: CMJ

ate: 12/16/7 Date: 12/17/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07a.b

Date Generated: 12/18/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/17/07 1559	qr067607	1	HEX	17de	NA	17dec07a	NA	15	10	1	SAMPLE	NA	G
12/17/07 1616	qr067608	2	SGINSTBLK_00003 A	NA		17dec07a		15	10	1	INSTBLANK		G
12/17/07 1631	qr067609	3	SG1660L3_00003 A			NA		0	0	1	CCALIB_3		G
12/17/07 1815	qr067610	4	884050	O590	6355	WP347	12/13/07	1000	5	1	SAMPLE		G ND
12/17/07 1830	qr067611	5	884051	O590	6361	SP347Y	12/13/07	15	10	1	SAMPLE		~~RR~~ Sent for RE ~~RR~~ Raw LOQ High ~~1000~~ Raw RSY
12/17/07 1846	qr067612	6	884057	O590	6361	SP347Y	12/13/07	15	10	1	SAMPLE		G ND
12/17/07 1903	qr067613	7	884063	O590	6361	SP347Y	12/13/07	15	10	1	SAMPLE		G ND
12/17/07 1919	qr067614	8	6362BS	NA	6362BS	NA	12/13/07	15	10	1	BS		G
12/17/07 1936	qr067615	9	884078	O590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		G 1262 ✓
12/17/07 1951	qr067616	10	884080	O590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		G ND EH
12/17/07 2007	qr067617	11	884068	O590	6362	SP347Z	12/13/07	15	10	5	SAMPLE		G 1262 ✓
12/17/07 2024	qr067618	12	884072	O590	6362	SP347Z	12/13/07	15	10	20	SAMPLE		2R 1:1
12/17/07 2039	qr067619	13	884079	O590	6362	SP347Z	12/13/07	15	10	10	SAMPLE		X20
12/17/07 2056	qr067620	14	883222	O478	6360	SP347W	12/13/07	15	10	250	SAMPLE		G 1248

Rachel B. Nelson 12/18/7

CMJ 12/19/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07b.b

Date Generated: 12/18/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/18/07 0123	qr067630	24	SGINSTBLK_00003 B	NA	NA	17dec07b	NA	15	10	1	INSTBLANK	NA	GDD
12/18/07 0139	qr067631	25	SG1660L3_00003 B	↓	↓	NA	↓	0	0	1	CCALIB_3		G
12/18/07 0208	qr067632	26	884072	0590	6362	SP347Z	12/13/07	15	10	1	SAMPLE		G 1262 ✓
12/18/07 0225	qr067633	27	884079	0590	6362	SP347Z	12/13/07	15	10	20	SAMPLE		G 1262 ✓
12/18/07 0241	qr067634	28	883223	0478	6360	SP347W	12/13/07	15	10	1	SAMPLE		G 1248
12/18/07 0258	qr067635	29	883224	0478	6360	SP347W	12/13/07	15	10	5	SAMPLE		G 1248
12/18/07 0314	qr067636	30	884068MS	0590	6362	SP347Z	12/13/07	15	10	5	MS		G
12/18/07 0331	qr067637	31	884068MSD	0590	6362	SP347Z	12/13/07	15	10	5	MSD		G
12/18/07 0435	qr067638	32	6371bs	17de	NA	17dec07b	NA	15	10	1	SAMPLE		G
12/18/07 0452	qr067639	33	885747	0836	6371	WP351A	12/17/07	920	5	1	SAMPLE		GND
12/18/07 0508	qr067640	34	885747MS	0836	6371	WP351A	12/17/07	920	5	1	MS		G
12/18/07 0525	qr067641	35	885747MSD	0836	6371	WP351A	12/17/07	920	5	1	MSD		G
12/18/07 0540	qr067642	36	885745	0836	6371	WP351A	12/17/07	1000	5	1	SAMPLE		GND
12/18/07 0555	qr067643	37	885746	0836	6371	WP351A	12/17/07	1000	5	1	SAMPLE		GND

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b

Date Generated: 12/18/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/18/07 0658	qr067647	41	SGINSTBLK_00003 C	17de	NA	17dec07c	NA	15	10	1	SAMPLE	NA	G
12/18/07 0714	qr067648	42	SG1660L3_00003 C	NA		NA	↓	0	0	1	CCALIB_3		G
12/18/07 0729	qr067649	43	SP351X			SP351X	12/17/07	15	10	1	BLANK		G ND
12/18/07 0746	qr067650	44	6375BS		6375BS	NA	12/17/07	15	10	1	BS		G
12/18/07 0802	qr067651	45	884978	O729	6375	SP351X	12/17/07	15	10	1	SAMPLE		X20
12/18/07 0819	qr067652	46	884978MS	O729	6375	SP351X	12/17/07	15	10	1	MS		X20
12/18/07 0834	qr067653	47	884978MSD	O729	6375	SP351X	12/17/07	15	10	1	MSD		X20
12/18/07 0849	qr067654	48	884966	O729	6375	SP351X	12/17/07	15	10	1	SAMPLE		X10
12/18/07 0904	qr067655	49	884967	O729	6375	SP351X	12/17/07	15	10	1	SAMPLE		X100
12/18/07 0920	qr067656	50	884968	O729	6375	SP351X	12/17/07	15	10	1	SAMPLE		X50
12/18/07 0935	qr067657	51	884969	O729	6375	SP351X	12/17/07	15	10	1	SAMPLE		X10
12/18/07 0950	qr067658	52	884970	O729	6375	SP351X	12/17/07	15	10	1	SAMPLE		RL Carryover
12/18/07 1005	qr067659	53	884971	O729	6375	SP351X	12/17/07	15	10	1	SAMPLE		RL Carryover
12/18/07 1020	qr067660	54	884972	O729	6375	SP351X	12/17/07	15	10	1	SAMPLE		G 1260

Carol B. Laug
12/18/7

CMJ 12/19/07

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b

Date Generated: 12/19/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/19/07 0421	qr067709	3	SGINSTBLK_00003 G	NA	NA	17dec07g	NA	15	10	1	INSTBLANK	NA	G
12/19/07 0438	qr067710	4	SG1660L3_00003 G	↓	↓	NA	↓	0	0	1	CCALIB_3	↓	G
12/19/07 0455	qr067711	5	6362BS	↓	6362BS	↓	12/14/07	1000	5	1	BS		G
12/19/07 0510	qr067712	6	885321	O779	6362	WP348A	12/14/07	1000	5	1	SAMPLE		G NS
12/19/07 0526	qr067713	7	885321MS	O779	6362	WP348A	12/14/07	1000	5	1	MS		G
12/19/07 0541	qr067714	8	885321MSD	O779	6362	WP348A	12/14/07	1000	5	1	MSD		G
12/19/07 0556	qr067715	9	884089	O590	6362	WP348A	12/14/07	1000	5	1	SAMPLE		G NS
12/19/07 0611	qr067716	10	884942	O729	6362	WP348A	12/14/07	1000	5	1	SAMPLE		G NS
12/19/07 0626	qr067717	11	884965	O729	6362	WP348A	12/14/07	1000	5	1	SAMPLE		G NS
12/19/07 0641	qr067718	12	884979	O729	6362	WP348A	12/14/07	1000	5	1	SAMPLE		G NS
12/19/07 0656	qr067719	13	884990	O729	6362	WP348A	12/14/07	1000	5	1	SAMPLE		G NS
12/19/07 0711	qr067720	14	884991	O729	6362	WP348A	12/14/07	1000	5	1	SAMPLE		G NS
12/19/07 0744	qr067721	15	WP348A	NA	NA	WP348A	12/14/07	1000	5	1	BLANK		G NS

Signed: Carol B Quaz Read and Understood by: _____

Date: 12/19/7 Date: _____

TestAmerica Edison

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

nstrument ID: PESTGC8.i

nalytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07h.b

ate Generated: 12/19/2007

age 1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/19/07 0759	qr067722	16	SGINSTBLK_00003 H			17dec07h		15	10	1	BLANK	DA	
12/19/07 0814	qr067723	17	SG1660L3_00003 H					0	0	1	CCALIB_3		Only G for closing
12/19/07 0830	qr067724	18	884978	O729	6375	SP351X	12/17/07	15	10	10	SAMPLE		
12/19/07 0845	qr067725	19	884978MS	O729	6375	SP351X	12/17/07	15	10	10	MS		
12/19/07 0902	qr067726	20	884978MSD	O729	6375	SP351X	12/17/07	15	10	10	MSD		
12/19/07 0933	qr067727	21	884966	O729	6375	SP351X	12/17/07	15	10	10	SAMPLE		
12/19/07 1003	qr067728	22	884967	O729	6375	SP351X	12/17/07	15	10	100	SAMPLE		
12/19/07 1035	qr067729	23	884968	O729	6375	SP351X	12/17/07	15	10	50	SAMPLE		
12/19/07 1106	qr067730	24	884969	O729	6375	SP351X	12/17/07	15	10	10	SAMPLE		
12/19/07 1153	qr067731	25	884970	O729	6375	SP351X	12/17/07	15	10	1	SAMPLE		
12/19/07 1208	qr067732	26	884971	O729	6375	SP351X	12/17/07	15	10	1	SAMPLE		
12/19/07 1223	qr067733	27	884980	O729	6375	SP351X	12/17/07	15	10	200	SAMPLE		
12/19/07 1238	qr067734	28	884980	O729	6375	SP351X	12/17/07	15	10	500	SAMPLE		
12/19/07 1326	qr067735	29	884981	O729	6375	SP351X	12/17/07	15	10	1	SAMPLE		

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Carol B. Ley
10/19/7

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b

Date Generated: 12/17/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/14/07 0844	vr426171	1	HEXANE	14de	-	14dec07aic	-	15	10	1	SAMPLE	-	-
12/14/07 0859	vr426172	2	HEXANE	14de	-	14dec07aic	-	15	10	1	SAMPLE	-	-
12/14/07 0914	vr426173	3	HEXANE	14de	-	14dec07aic	-	15	10	1	SAMPLE	-	-
12/14/07 0930	vr426174	4	SGINSTBLK_00003C	-	-	14dec07aic	-	15	10	1	INSTBLANK	-	ND
12/14/07 0945	vr426175	5	SG1660L1_00003A	-	-	-	-	0	0	1	CALIB_1	-	updated
12/14/07 1000	vr426176	6	SG1660L2_00003A	-	-	-	-	0	0	1	CALIB_2	-	
12/14/07 1015	vr426177	7	SG1660L3_00003C	-	-	-	-	0	0	1	CALIB_3	-	
12/14/07 1030	vr426178	8	SG1660L4_00003C	-	-	-	-	0	0	1	CALIB_4	-	
12/14/07 1046	vr426179	9	SG1660L5_00003C	-	-	-	-	0	0	1	CALIB_5	-	
12/14/07 1101	vr426180	10	SG1221L3_00004C	-	-	-	-	0	0	1	CALIB_3	-	updated
12/14/07 1116	vr426181	11	SG1232L3_00003C	-	-	-	-	0	0	1	CALIB_3	-	
12/14/07 1131	vr426182	12	SG1242L3_00003C	-	-	-	-	0	0	1	CALIB_3	-	
12/14/07 1146	vr426183	13	SG1248L3_00003C	-	-	-	-	0	0	1	CALIB_3	-	
12/14/07 1202	vr426184	14	SG1254L3_00003C	-	-	-	-	0	0	1	CALIB_3	-	

D. Shawlt 12-17-07

CHB 12/17/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b

Date Generated: 12/17/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/14/07 1217	vr426185	15	SG1262L3_00003C					0	0	1	CALIB_3		injected
12/14/07 1232	vr426186	16	SG11268L3_00003C					0	0	1	CALIB_3		
12/14/07 1247	vr426187	17	SG1660L3-ICV		SG1660L3			15	10	1	BS		G

Signed: D. Shanthi Read and Understood by:

Date: 12-17-07 Date: 12/17/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b

Date Generated: 12/17/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/17/07 0750	vr426212	1	HEXANE	17de	—	17dec07a	—	15	10	1	SAMPLE	-	-
12/17/07 0805	vr426213	2	SGINSTBLK_00003A	_	-	17dec07a	-	15	10	1	INSTBLANK	-	G NJ
12/17/07 0820	vr426214	3	SG1660L3_00003A	-	-	-	-	0	0	1	CCALIB_3	-	G R hF
12/17/07 0846	vr426215	4	SP348J	-	-	SP348J	12/14/07	15	10	1	BLANK	-	G NJ
12/17/07 0901	vr426216	5	885487	O811	6296	SP348J	12/14/07	15	10	1	SAMPLE		Re ext hepic surr
12/17/07 0917	vr426217	6	885475	O808	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	G NJ
12/17/07 0932	vr426218	7	885476	O808	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	G NJ
12/17/07 0947	vr426219	8	885477	O808	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	G NJ
12/17/07 1003	vr426220	9	883262	O478	6347	SP347V	12/13/07	15	10	500	SAMPLE	-	R R X 500 x 2) x 100
12/17/07 1018	vr426221	10	883263	O478	6347	SP347V	12/13/07	15	10	10	SAMPLE	-	G 1242
12/17/07 1033	vr426222	11	883262	O478	6347	SP347V	12/13/07	15	10	100	SAMPLE	-	G
12/17/07 1049	vr426223	12	SP349	-	-	SP349	12/15/07	15	10	1	BLANK	-	G NJ
12/17/07 1104	vr426224	13	885516	O814	6368	SP349	12/15/07	15	10	1	SAMPLE	-	G NJ
12/17/07 1119	vr426225	14	885517	O814	6368	SP349	12/15/07	15	10	1	SAMPLE	-	G NJ

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12-17-07

12/17/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b

Date Generated: 12/17/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/17/07 1135	vr426226	15	885518	0814	6368	SP349	12/15/07	15	10	1	SAMPLE	-	GCNG
12/17/07 1150	vr426227	16	885519	0814	6368	SP349	12/15/07	15	10	1	SAMPLE	-	GCNG
12/17/07 1205	vr426228	17	885520	0814	6368	SP349	12/15/07	15	10	1	SAMPLE	-	GCNG
12/17/07 1221	vr426229	18	hjexane	17de	-	17dec07a	-	15	10	1	SAMPLE	-	-
12/17/07 1236	vr426230	19	6366BS	-	6366BS	-	12/14/07	15	10	1	BS	-	G
12/17/07 1252	vr426231	20	6368BS	-	6368BS	-	12/15/07	15	10	1	BS	-	RR (double spiked)

Signed: D. Sherratt Read and Understood by: [signature]

Date: 12-17-07 Date: 12/17/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b

Date Generated: 12/18/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/17/07 1307	vr426232	21	SGINSTBLK_00003B	_	_	17dec07b	_	15	10	1	INSTBLANK	_	GND
12/17/07 1322	vr426233	22	SG16601l3_00003B	_	_	_	_	0	0	1	CCALIB_3	_	GR&F
12/17/07 1348	vr426234	1	885487	0811	6296	SP348J	12/14/07	15	10	1	SAMPLE	_	Recut- (high surr)
12/17/07 1404	vr426235	2	884941	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	_	RRx10
12/17/07 1419	vr426236	3	HEXANE	17de		17dec07b		15	10	1	SAMPLE	_	_
12/17/07 1434	vr426237	4	884944	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	_	RRx5
12/17/07 1450	vr426238	5	884945	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	_	RRx5 x10
12/17/07 1505	vr426239	6	884946	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	_	RRx50
12/17/07 1520	vr426240	7	884946MS	0729	6365	SP348D	12/14/07	15	10	1	MS	_	RRx50
12/17/07 1536	vr426241	8	884946MSD	0729	6365	SP348D	12/14/07	15	10	1	MSD	_	RRx50
12/17/07 1551	vr426242	9	884947	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	_	RRx50
12/17/07 1606	vr426243	10	884952	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	_	RR carryover
12/17/07 1621	vr426244	11	884953	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	_	RR carryover
12/17/07 1637	vr426245	12	884954	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	_	GND

D. Shuett 12-18-07

Sita Heart 12-18-07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/17/07 1955	vr426258	24	SGINSTBLK_00003C			17dec07c		15	10	1	INSTBLANK	-	tg ND
12/17/07 2010	vr426259	25	SG1660L3_00003C					0	0	1	CCALIB_3	-	CLR hF
12/17/07 2025	vr426260	26	884092	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	G ND
12/17/07 2040	vr426261	27	884093	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	G ND
12/17/07 2056	vr426262	28	884094	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	G ND
12/17/07 2111	vr426263	29	884095	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	~~RRX5~~ G ND AS 12-18-07
12/17/07 2126	vr426264	30	884096	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	RRX5
12/17/07 2141	vr426265	31	884097	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	RRX5
12/17/07 2156	vr426266	32	884098	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	RRx2
12/17/07 2212	vr426267	33	884099	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	RRX2
12/17/07 2227	vr426268	34	884100	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	RRX5
12/17/07 2242	vr426269	35	884101	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	RRX5
12/17/07 2257	vr426270	36	884102	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	RRX5
12/17/07 2313	vr426271	37	884103	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	G 1262

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12-18-07

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b

Date Generated: 12/18/2007

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/17/07 2328	vr426272	38	884105	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	G N D
12/17/07 2343	vr426273	39	884104	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	G N D
12/17/07 2358	vr426274	40	884104MS	NA	-	17dec07c	-	15	10	1	MS	-	G
12/18/07 0014	vr426275	41	884104MSD	0590	6366	SP348J	12/14/07	15	10	1	MSD	-	G
12/18/07 0029	vr426276	42	HEXANE	17de	-	17dec07c	-	15	10	1	SAMPLE	-	-
12/18/07 0044	vr426277	43	HEXANE	17de	-	17dec07c	-	15	10	1	SAMPLE	-	-
12/18/07 0059	vr426278	44	HEXANE	17de	-	17dec07c	-	15	10	1	SAMPLE	-	-
12/18/07 0114	vr426279	45	HEXANE	17de	-	17dec07c	-	15	10	1	SAMPLE	-	-
12/18/07 0129	vr426280	46	HEXANE	17de	-	17dec07c	-	15	10	1	SAMPLE	-	-
12/18/07 0145	vr426281	47	6368BS	-	6368BS	SP349	12/15/07	15	10	1	BS	-	G (double Spiked

Signed: D. Stanley Read and Understood by:

Date: 12-18-07 Date: 12/19/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b

Date Generated: 12/18/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/18/07 0200	vr426282	48	SGINSTBLK_00003D	-	-	17dec07d	-	15	10	1	INSTBLANK	-	G ND
12/18/07 0215	vr426283	49	SG1660L3_000003D	-	-	-	-	0	0	1	CCALIB_3	-	G R+F
12/18/07 0230	vr426284	50	884948	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	R R x 2 F
12/18/07 0246	vr426285	51	884949	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	R R
12/18/07 0301	vr426286	52	884950	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	G ND
12/18/07 0316	vr426287	53	884951	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	G ND
12/18/07 0331	vr426288	54	884958	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	G ND
12/18/07 0346	vr426289	55	884959	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	G ND
12/18/07 0402	vr426290	56	884960	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	G ND
12/18/07 0417	vr426291	57	884961	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	G ND (Surr high)
12/18/07 0432	vr426292	58	884962	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	G ND
12/18/07 0447	vr426293	59	884963	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	G 12 62
12/18/07 0503	vr426294	60	884964	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	G ND
12/18/07 0518	vr426295	61	884964MS	0729	6368	SP349	12/15/07	15	10	1	MS	-	G

D. Smith 12-18-07

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ANALYTICAL INJECTION LOG SUMMARY

ıstrument ID: PESTGC9.i

ıalytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b

ıte Generated: 12/19/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/18/07 1450	vr426332	16	SGINSTBLK_0000G	-	-	17dec07g	-	15	10	1	INSTBLANK	-	G ~9
12/18/07 1505	vr426333	17	SG1660L3_00003G	-	-	-	-	0	0	1	CCALIB_3	-	G R4F
12/18/07 1553	vr426334	1	HEXANE	17de		17dec07g		15	10	1	SAMPLE	-	-
12/18/07 1608	vr426335	2	884941	O729	6365	SP348D	12/14/07	15	10	10	SAMPLE	-	G 124F, 62
12/18/07 1623	vr426336	3	884945	O729	6365	SP348D	12/14/07	15	10	5	SAMPLE	-	G 54, 62
12/18/07 1638	vr426337	4	884946	O729	6365	SP348D	12/14/07	15	10	50	SAMPLE	-	RRX100
12/18/07 1654	vr426338	5	884946MS	O729	6365	SP348D	12/14/07	15	10	50	MS	-	RRX100
12/18/07 1709	vr426339	6	884946MSD	O729	6365	SP348D	12/14/07	15	10	50	MSD	-	RRX 100
12/18/07 1724	vr426340	7	884943	O729	6365	SP348D	12/14/07	15	10	20	SAMPLE	-	G 54, 62
12/18/07 1739	vr426341	8	884944	O729	6365	SP348D	12/14/07	15	10	2	SAMPLE	-	G 54, 62
12/18/07 1754	vr426342	9	884947	O729	6365	SP348D	12/14/07	15	10	50	SAMPLE	-	RRX250
12/18/07 1810	vr426343	10	884096	O590	6366	SP348J	12/14/07	15	10	5	SAMPLE	-	G 54, 62
12/18/07 1825	vr426344	11	884097	O590	6366	SP348J	12/14/07	15	10	5	SAMPLE	-	G 54, 62
12/18/07 1840	vr426345	12	884099	O590	6366	SP348J	12/14/07	15	10	2	SAMPLE	-	G 54, 62

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

ıstrument ID: PESTGC9.i

ıalytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b

ıte Generated: 12/19/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/18/07 1855	vr426346	13	884100	0590	6366	SP348J	12/14/07	15	10	5	SAMPLE		RRX10
12/18/07 1910	vr426347	14	884101	0590	6366	SP348J	12/14/07	15	10	5	SAMPLE		RRX10
12/18/07 1925	vr426348	15	884102	0590	6366	SP348J	12/14/07	15	10	5	SAMPLE		G 1262
12/18/07 1941	vr426349	16	884948	0729	6368	SP349	12/15/07	15	10	25	SAMPLE		RRX100
12/18/07 1956	vr426350	17	884098	0590	6366	SP348J	12/14/07	15	10	2	SAMPLE		G 1254,62
12/18/07 2011	vr426351	18	hexane	17de		17dec07g		15	10	1	SAMPLE		—
12/18/07 2026	vr426352	19	hexane	17de		17dec07g		15	10	1	SAMPLE		—
12/18/07 2042	vr426353	20	hexane	17de		17dec07g		15	10	1	SAMPLE		—
12/18/07 2057	vr426354	21	hexane	17de		17dec07g		15	10	1	SAMPLE		—
12/18/07 2112	vr426355	22	884949	0729	6368	SP349	12/15/07	15	10	1	SAMPLE		G 1262
12/18/07 2128	vr426356	23	hexane	17de		17dec07g		15	10	1	SAMPLE		—
12/18/07 2143	vr426357	24	884952	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE		G 1254,62
12/18/07 2158	vr426358	25	hexane	17de		17dec07g		15	10	1	SAMPLE		—
12/18/07 2213	vr426359	26	884953	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE		G 1254,62

D. Shantl
12-19-07

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ANALYTICAL INJECTION LOG SUMMARY

strument ID: PESTGC9.i

alytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b

te Generated: 12/19/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/IW	FV	DIL FAC	SampleType	LOT	COMMENTS
2/18/07 2229	vr426360	27	hexane	17de	—	17dec07g		15	10	1	SAMPLE	—	—
2/18/07 2244	vr426361	28	hexane	17de	—	17dec07g		15	10	1	SAMPLE	—	—
2/18/07 2259	vr426362	29	hexane	17de	—	17dec07g		15	10	1	SAMPLE	—	—
2/18/07 2315	vr426363	30	hexane	17de	—	17dec07g		15	10	1	SAMPLE	—	—
2/18/07 2330	vr426364	31	hexane	17de	—	17dec07g		15	10	1	SAMPLE	—	—
2/18/07 2345	vr426365	32	884954	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE		G20

igned: to sent It Read and Understood by: Sylvia Cuch

ate: 12-19-07 Date: 12-19-7

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

trument ID: PESTGC9.i

lytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07h.b

e Generated: 12/19/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
/19/07 0000	vr426366	33	SGINSTBLK_00003H			17dec07h		15	10	1	INSTBLANK		GND
/19/07 0016	vr426367	34	SG1660L3_00003H	17de		17dec07h		15	10	1	SAMPLE		not used (G)
/19/07 0031	vr426368	35	SG1660L3_00003H					0	0	1	CCALIB_3		G R+F
/19/07 0046	vr426369	100	HEX	17de		17dec07h		15	10	1	SAMPLE		
/19/07 0101	vr426370	100	HEX	17de		17dec07h		15	10	1	SAMPLE		
/19/07 0116	vr426371	36	6383BS			6383BS	SP352V	12/18/07	15	10	1	BS		G
/19/07 0131	vr426372	37	886200	0913	6383	SP352V	12/18/07	15	10	1	SAMPLE		GND
/19/07 0147	vr426373	38	886200MS	0913	6383	SP352V	12/18/07	15	10	1	MS		G
/19/07 0202	vr426374	39	886200MSD	0913	6383	SP352V	12/18/07	15	10	1	MSD		G
/19/07 0217	vr426375	40	886187	0913	6383	SP352V	12/18/07	15	10	1	SAMPLE		G 1248
/19/07 0232	vr426376	41	886188	0913	6383	SP352V	12/18/07	15	10	1	SAMPLE		RRX2
/19/07 0247	vr426377	42	886189	0913	6383	SP352V	12/18/07	15	10	1	SAMPLE		G 1248
/19/07 0303	vr426378	43	886190	0913	6383	SP352V	12/18/07	15	10	1	SAMPLE		GND
/19/07 0318	vr426379	44	886191	0913	6383	SP352V	12/18/07	15	10	1	SAMPLE		G 1248

D. Shaeffer
12-19-07

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ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07j.b

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/19/07 0933	vr426400	6	SGINSTBLK_00003J			17dec07j		15	10	1	INSTBLANK	-	GND
12/19/07 0949	vr426401	7	SG1660L3_00003J					0	0	1	CCALIB_3	-	GR+F
12/19/07 1225	vr426402	8	HEXANE	17de		17dec07j		15	10	1	SAMPLE	-	-
12/19/07 1240	vr426403	9	884100	0590	6366	SP348J	12/14/07	15	10	10	SAMPLE	-	G 54,62
12/19/07 1255	vr426404	10	884101	0590	6366	SP348J	12/14/07	15	10	10	SAMPLE	-	G 54,62
12/19/07 1311	vr426405	11	884948	0729	6368	SP349	12/15/07	15	10	100	SAMPLE	-	G 68
12/19/07 1326	vr426406	12	884947	0729	6365	SP348D	12/14/07	15	10	250	SAMPLE	-	G 54,62
12/19/07 1341	vr426407	13	884946	0729	6365	SP348D	12/14/07	15	10	100	SAMPLE	-	G 54,62
12/19/07 1356	vr426408	14	884946MS	0729	6365	SP348D	12/14/07	15	10	100	MS	-	not cxd
12/19/07 1412	vr426409	15	884946MSD	0729	6365	SP348D	12/14/07	15	10	100	MSD	-	not cxd

Signed: D. Scott Read and Understood by: Scott Chen

Date: 12-19-07 Date: 12-19-07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07k.b

Date Generated: 12/20/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/19/07 1637	vr426410	1	SGINSTBLK_00003K			17dec07k		15	10	1	INSTBLANK		Cano
12/19/07 1652	vr426411	2	SG1660L3_00003K					0	0	1	CCALIB_3		CRtF

Signed: D Shaeffer Read and Understood by: Smith

Date: 12-20-07 Date: 12-19-07

Percent Solids Log

Job Number	Sample Number	Bottle ID	Tare Weight (g)	Wet Weight (g)	Dry Weight (g)	Percent Solids (%)	Percent Moisture (%)
BLANK		184	1.04	5.2	5.2	100	0
O590	884049	162	1.04	5.46	2.55	46.7	53.3
O590	884051	615	1.02	5.74	3.11	54.2	45.8
O590	884052	95	1.07	5.76	3.35	58.2	41.8
O590	884053	558	1.08	5.55	3.09	55.7	44.3
O590	884054	14	1.02	5.46	3.15	57.7	42.3
O590	884055	58	1.05	5.81	3.47	59.7	40.3
O590	884056	627	1.04	5.43	3.18	58.6	41.4
O590	884057	255	1	5.49	3.3	60.1	39.9
O590	884058	566	1.08	5.31	4.63	87.2	12.8
O590	884059	289	1.09	5.12	2.91	56.8	43.2
O590	884060	513	1.06	5.15	3.07	59.6	40.4
O590	884061	567	1.07	5.29	2.85	53.9	46.1
O590	884062	608	1.08	5.45	2.74	50.3	49.7
O590	884063	361	1.06	5.42	2.87	53	47
O590	884064	87	1.07	5.92	3.44	58.1	41.9
O590	884065	116	1.06	5.3	3.13	59.1	40.9
O590	884066	373	1.02	5.01	2.66	53.1	46.9
O590	884068	269	1.07	5.66	4.27	75.4	24.6
	DUP 884068	115	1.04	5.8	4.38	75.5	24.5
O590	884069	76	1	5.29	2.72	51.4	48.6
O590	884070	325	1.05	5.31	3.83	72.1	27.9
O590	884071	71	1.03	5.3	4.33	81.7	18.3
O590	884072	250	1.06	5.79	4.84	83.6	16.4
O590	884073	174	1.01	5.73	3.38	59	41
O590	884074	287	1.04	5.1	4.31	84.5	15.5
O590	884075	252	1.03	5.46	4.83	88.5	11.5
O590	884076	228	1.01	5.91	4.32	73.1	26.9
O590	884077	263	1	5.41	2.57	47.5	52.5
O590	884078	291	1.08	5.39	3	55.7	44.3
O590	884079	230	1.03	5.81	3.37	58	42
O590	884080	195	1.1	5.5	2.69	48.9	51.1
O590	884081	568	1.07	5.32	2.82	53	47
O590	884082	54	1.07	5.35	4.36	81.5	18.5
O590	884083	613	1.05	5.38	2.99	55.6	44.4
O590	884084	142	1.17	5.08	2.85	56.1	43.9
O590	884085	52	1.05	4.31	2.19	50.8	49.2
O590	884086	65	1.12	5.23	2.73	52.2	47.8
O590	884087	304	1.11	5.21	2.71	52	48
O590	884088	81	1.06	5.15	3.1	60.2	39.8
O590	884090	557	1.07	5.43	2.52	46.4	53.6
O590	884091	61	1.08	5.12	2.44	47.7	52.3
O590	884092	15	1.06	5.34	3.06	57.3	42.7
	DUP 884092	619	1.06	5.2	2.96	56.9	43.1
O590	884093	349	1.03	5.3	2.97	56	44
O590	884094	352	1.04	5.62	3.19	56.8	43.2

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Percent Solids Log

Job Number	Sample Number	Bottle ID	Tare Weight (g)	Wet Weight (g)	Dry Weight (g)	Percent Solids (%)	Percent Moisture (%)
O590	884095	129	1.04	5.69	3.06	53.8	46.2
O590	884096	192	1.08	5.82	5.21	89.5	10.5
O590	884097	229	1.07	5.94	5.38	90.6	9.4
O590	884098	515	1.06	5.71	4.72	82.7	17.3
O590	884099	583	1.04	5.32	4.65	87.4	12.6
O590	884100	96	1.05	5.02	4.59	91.4	8.6
O590	884101	335	1.03	5.06	4.14	81.8	18.2
O590	884102	5	1.06	5.33	3.18	59.7	40.3
O590	884103	83	1	5.19	3.2	61.7	38.3
O590	884104	254	1.05	5.05	4.25	84.2	15.8
O590	884105	181	1.03	5.29	3.14	59.4	40.6
							100
O729	884941	555	1.07	5.44	4.66	85.7	14.3
O729	884943	602	1	5.46	4.29	78.6	21.4
O729	884944	559	1.08	5.01	3.28	65.5	34.5
O729	884945	127	1.06	5.88	3.67	62.4	37.6
O729	884946	621	1.03	5	3.19	63.8	36.2
O729	884947	309	0.98	5.83	3.92	67.2	32.8
O729	884948	582	1.09	5.42	2.68	49.4	50.6
O729	884949	620	1.04	5.24	2.68	51.1	48.9
O729	884950	157	1.09	5.44	3.18	58.5	41.5
O729	884951	27	1.05	5.52	3.67	66.5	33.5
O729	884952	296	1.11	5.44	2.31	42.5	57.5
O729	884953	275	1.06	5.56	2.48	44.6	55.4
O729	884954	529	1.12	5.64	3.27	58	42
O729	884955	622	1.07	5.75	3.41	59.3	40.7
O729	884956	311	1.05	5.87	4.61	78.5	21.5
O729	884957	101	1.07	5.38	2.61	48.5	51.5
O729	884958	45	1.14	5.34	3.18	59.6	40.4
O729	884959	509	1.04	5.74	3.29	57.3	42.7
	DUP 884959	74	1.03	5.9	3.48	59	41
O729	884960	139	1.06	5.76	3.05	53	47
O729	884961	616	1.03	5.6	2.79	49.8	50.2
O729	884962	16	1.05	5.06	2.76	54.5	45.5
O729	884963	332	1.07	5.31	2.8	52.7	47.3
O729	884964	618	1.05	5.34	3.16	59.2	40.8
O729	884966	249	1.05	5	2.71	54.2	45.8
O729	884967	223	1.07	5.82	2.89	49.7	50.3
O729	884968	502	1	5.58	2.9	52	48
O729	884969	34	1.09	5.51	3.23	58.6	41.4
O729	884970	33	1.06	5.46	2.83	51.8	48.2
O729	884971	609	1.06	5.75	2.96	51.5	48.5
O729	884972	277	1.03	5.87	3.53	60.1	39.9
O729	884973	70	1.05	5.34	3.27	61.2	38.8
O729	884974	19	1.04	5.42	3.11	57.4	42.6
O729	884975	153	1.03	5.02	2.88	57.4	42.6
O729	884976	302	1.01	5.73	3.42	59.7	40.3

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Jan 15, 2008

Haley & Aldrich
3840 Packard Rd, suite 100
Ann Arbor, MI 48108-2280

Attention: Ms. Ban N. Aragona

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. O729 - BP Hastings

Dear Ms. Aragona:

Enclosed are the results you requested for the following sample(s) received at our laboratory on December 12, 2007.

Lab No.	Client ID	Analysis Required
884941	HA211-121007-1536	PCBs
884942	2217-121007-1540	PCBs
884943	HA211-121007-1555	PCBs
884944	HA211-121007-1600	PCBs
884945	2217-121007-1602	PCBs
884946	HA211-121007-1623	PCBs
884947	2217-121007-1625	PCBs
884948	HA220-121007-1652	PCBs
884949	HA220-121007-1655	PCBs
884950	HA220-121007-1706	PCBs
884951	HA220-121007-1710	PCBs
884952	HA221-121107-0919	PCBs
884953	2217-121107-0921	PCBs
884954	HA221-121107-0928	PCBs
884955	2217-121107-0930	PCBs
884956	HA221-121107-0944	PCBs

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Federal ID #:23-29199996

Laboratory Results
Job No. O729 - BP Hastings (cont'd)

Lab No.	Client ID	Analysis Required
884957	HA221-121107-0946	PCBs
884958	HA221-121107-1002	PCBs
884959	2217-121107-1004	PCBs
884960	HA222-121107-1035	PCBs
884961	HA222-121107-1037	PCBs
884962	HA222-121107-1111	PCBs
884963	HA222-121107-1113	PCBs
884964	HA222-121107-1117	PCBs
884965	2217-121107-1335	PCBs
884966	HA224-121107-1403	PCBs
884967	HA224-121107-1420	PCBs
884968	HA224-121107-1422	PCBs
884969	HA224-121107-1442	PCBs
884970	HA223-121107-1518	PCBs
884971	2217-121107-1520	PCBs
884972	HA223-121107-1615	PCBs

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Laboratory Results
Job No. O729 - BP Hastings (cont'd)

Lab No.	Client ID	Analysis Required
884973	HA223-121107-1617	PCBs
884974	HA223-121107-1630	PCBs
884975	2217-121107-1632	PCBs
884976	HA223-121107-1634	PCBs
884977	HA223-121107-1636	PCBs
884978	HA225A-121107-1654	PCBs
884979	2217-121107-1701	PCBs
884980	HA225A-121107-1705	PCBs
884981	HA225A-121107-1707	PCBs
884982	HA225A-121107-1710	PCBs
884983	HA225A-121107-1725	PCBs
884984	HA225A-121107-1738	PCBs
884985	HA203B-121107-1815	PCBs
884986	HA203B-121107-1818	PCBs
884987	HA203B-121107-1820	PCBs
884988	HA203B-121107-1830	PCBs

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Laboratory Results
Job No. O729 - BP Hastings (cont'd)

Lab No.	Client ID	Analysis Required
884989	HA203B-121107-1832	PCBs
884990	2217-121107-1910	PCBs
884991	2217-121107-1915	PCBs
884992	HA223-121107-1620	PCBs

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TestAmerica Edison has following Laboratory Certifications: New Jersey(12028), New York(11452), Pennsylvania(68-00522), Connecticut(PH-0200), Rhode Island(LAO00132)

An invoice for our services is also enclosed. If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

Matt Morse
Project Manager

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Sample Data Summary Package

SDG: O729

Site: BP Hastings

Lab/Client ID Cross Referrence

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
					PCBs 8082		
121007-1536	884941				❖		
121007-1540	884942				❖		
121007-1555	884943				❖		
121007-1600	884944				❖		
121007-1602	884945				❖		
121007-1623	884946				❖		
121007-1625	884947				❖		
121007-1652	884948				❖		
121007-1655	884949				❖		
121007-1706	884950				❖		
121007-1710	884951				❖		
121107-0919	884952				❖		
2217-121107-0921	884953				❖		
121107-0928	884954				❖		
121107-0930	884955				❖		
121107-0944	884956				❖		
121107-0946	884957				❖		
121107-1002	884958				❖		
2217-121107-1004	884959				❖		
121107-1035	884960				❖		
121107-1037	884961				❖		
121107-1111	884962				❖		
121107-1113	884963				❖		
121107-1117	884964				❖		
2217-121107-1335	884965				❖		
121107-1403	884966				❖		
121107-1420	884967				❖		
121107-1422	884968				❖		
121107-1442	884969				❖		
121107-1518	884970				❖		
2217-121107-1520	884971				❖		
121107-1615	884972				❖		
121107-1617	884973				❖		
121107-1630	884974				❖		
2217-121107-1632	884975				❖		
121107-1634	884976				❖		
121107-1636	884977				❖		
121107-1654	884978				❖		
2217-121107-1701	884979				❖		
121107-1705	884980				❖		
121107-1707	884981				❖		
121107-1710	884982				❖		
121107-1725	884983				❖		
121107-1738	884984				❖		
121107-1815	884985				❖		
121107-1818	884986				❖		
121107-1820	884987				❖		
121107-1830	884988				❖		
121107-1832	884989				❖		
2217-121107-1910	884990				❖		
2217-121107-1915	884991				❖		
121107-1620	884992				❖		

Sample Preparation and Analysis Summary

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Parameters	Date Rec'd at Lab	Date Analyzed
884941	SOLID	% SOLIDS	12/12/07	12/17/07
884943	SOLID	% SOLIDS	12/12/07	12/17/07
884944	SOLID	% SOLIDS	12/12/07	12/17/07
884945	SOLID	% SOLIDS	12/12/07	12/17/07
884946	SOLID	% SOLIDS	12/12/07	12/17/07
884947	SOLID	% SOLIDS	12/12/07	12/17/07
884948	SOLID	% SOLIDS	12/12/07	12/17/07
884949	SOLID	% SOLIDS	12/12/07	12/17/07
884950	SOLID	% SOLIDS	12/12/07	12/17/07
884951	SOLID	% SOLIDS	12/12/07	12/17/07
884952	SOLID	% SOLIDS	12/12/07	12/17/07
884953	SOLID	% SOLIDS	12/12/07	12/17/07
884954	SOLID	% SOLIDS	12/12/07	12/17/07
884955	SOLID	% SOLIDS	12/12/07	12/17/07
884956	SOLID	% SOLIDS	12/12/07	12/17/07
884957	SOLID	% SOLIDS	12/12/07	12/17/07
884958	SOLID	% SOLIDS	12/12/07	12/17/07
884959	SOLID	% SOLIDS	12/12/07	12/17/07
884960	SOLID	% SOLIDS	12/12/07	12/17/07

10/95

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Parameters	Date Rec'd at Lab	Date Analyzed
884961	SOLID	% SOLIDS	12/12/07	12/17/07
884962	SOLID	% SOLIDS	12/12/07	12/17/07
884963	SOLID	% SOLIDS	12/12/07	12/17/07
884964	SOLID	% SOLIDS	12/12/07	12/17/07
884966	SOLID	% SOLIDS	12/12/07	12/17/07
884967	SOLID	% SOLIDS	12/12/07	12/17/07
884968	SOLID	% SOLIDS	12/12/07	12/17/07
884969	SOLID	% SOLIDS	12/12/07	12/17/07
884970	SOLID	% SOLIDS	12/12/07	12/17/07
884971	SOLID	% SOLIDS	12/12/07	12/17/07
884972	SOLID	% SOLIDS	12/12/07	12/17/07
884973	SOLID	% SOLIDS	12/12/07	12/17/07
884974	SOLID	% SOLIDS	12/12/07	12/17/07
884975	SOLID	% SOLIDS	12/12/07	12/17/07
884976	SOLID	% SOLIDS	12/12/07	12/17/07
884977	SOLID	% SOLIDS	12/12/07	12/17/07
884978	SOLID	% SOLIDS	12/12/07	12/17/07
884980	SOLID	% SOLIDS	12/12/07	12/17/07
884981	SOLID	% SOLIDS	12/12/07	12/17/07

10/95

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Parameters	Date Rec'd at Lab	Date Analyzed
884982	SOLID	% SOLIDS	12/12/07	12/17/07
884983	SOLID	% SOLIDS	12/12/07	12/17/07
884984	SOLID	% SOLIDS	12/12/07	12/17/07
884985	SOLID	% SOLIDS	12/12/07	12/17/07
884986	SOLID	% SOLIDS	12/12/07	12/17/07
884987	SOLID	% SOLIDS	12/12/07	12/17/07
884988	SOLID	% SOLIDS	12/12/07	12/17/07
884989	SOLID	% SOLIDS	12/12/07	12/17/07
884992	SOLID	% SOLIDS	12/12/07	12/17/07

10/95

Non-Conformance Summary

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SDG NARRATIVE

TEST AMERICA

SDG No. O729

Test America Sample	Client ID
884941	HA211-121007-1536
884942	2217-121007-1540
884943	HA211-121007-1555
884944	HA211-121007-1600
884945	2217-121007-1602
884946	HA211-121007-1623
884947	2217-121007-1625
884948	HA220-121007-1652
884949	HA220-121007-1655
884950	HA220-121007-1706
884951	HA220-121007-1710
884952	HA221-121107-0919
884953	2217-121107-0921
884954	HA221-121107-0928
884955	2217-121107-0930
884956	HA221-121107-0944
884957	HA221-121107-0946
884958	HA221-121107-1002
884959	2217-121107-1004
884960	HA222-121107-1035
884961	HA222-121107-1037
884962	HA222-121107-1111
884963	HA222-121107-1113
884964	HA222-121107-1117
884965	2217-121107-1335
884966	HA224-121107-1403
884967	HA224-121107-1420
884968	HA224-121107-1422
884969	HA224-121107-1442
884970	HA223-121107-1518
884971	2217-121107-1520
884972	HA223-121107-1615
884973	HA223-121107-1617

884974	HA223-121107-1630
884975	2217-121107-1632
884976	HA223-121107-1634
884977	HA223-121107-1636
884978	HA225A-121107-1654
884979	2217-121107-1701
884980	HA225A-121107-1705
884981	HA225A-121107-1707
884982	HA225A-121107-1710
884983	HA225A-121107-1725
884984	HA225A-121107-1738
884985	HA2038-121107-1815
884986	HA203B-121107-1818
884987	HA203B-121107-1820
884988	HA203B-121107-1830
884989	HA203B-121107-1832
884990	2217-121107-1910
884991	2217-121107-1915
884992	HA223-121107-1620

Sample Receipt:

Sample delivery conforms with requirements.

Pesticides/PCBs:

PCB QA batch 6365: MS/MSD recoveries are diluted out. (Blank spike recoveries are within Q.C. limits).

PCB QA batch 6375: MS/MSD recoveries are diluted out. (Blank spike recoveries are within Q.C. limits).

PCB sample 884975: DCB surrogate standard recovery is biased high.(PCBs all ND for this sample). Sample results reported without qualifiers.

PCB sample 884987: DCB surrogate standard recovery is biased high.(high recovery attributed to the presence of Aroclor 1262 in the sample.

I certify that the data package is in compliance with the protocols in NYSDEC ASP B both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this data package has been authorized by the Laboratory Director or their designee, as verified by the following signature.

Matt Morse 1/14/08

Matt Morse
Project Manager

Results/QC Summary

GC ORGANICS SURROGATE RECOVERY

Matrix: SOIL Level: LOW Lab Job No: 0729

	LABORATORY SAMPLE NO.	S1 1 %REC	#	S1 2 %REC	#	TOT OUT
01	SP349	121		114		0
02	6368BS	60				0
03	884955	78				0
04	884956	76		116		0
05	884957	89		104		0
06	SP348D	105		106		0
07	6365BS	110				0
08	884950	83				0
09	884951	83				0
10	884958	103				0
11	884959	105				0
12	884960	138				0
13	884961	137				0
14	884962	100				0
15	884963	100		128		0
16	884964	118				0
17	884964MS	114				0
18	884964MSD	113				0
19	SP351X	117		112		0
20	884972	101				0
21	884973	60		107		0
22	884974	66				0
23	884975	61				0
24	884976	78				0
25	884977	88				0
26	884983	96		160*		1
27	884984	140		104		0
28	884985	111		145		0
29	SP351Y	121		104		0
30	SP351YBS	111				0

ADVISORY QC LIMITS

S1 = Decachlorobiphenyl(sur (60-151)

Column to be used to flag recovery values
* Values outside of advisory QC limits
D Surrogate diluted out
R Surrogate removed during H2SO4 cleanup procedure
** Not detected due to coeluting interference

GC ORGANICS SURROGATE RECOVERY

Matrix: SOIL Level: LOW Lab Job No: 0729

	LABORATORY SAMPLE NO.	S1 1 %REC	#	S1 2 %REC	#	TOT OUT
01	884941	0	D	0	D	0
02	884945	513	*	357	*	2
03	884946MS	0	D			0
04	884946MSD	0	D			0
05	884943	0	D	0	D	0
06	884944	110		106		0
07	884949	114		110		0
08	884952	92		88		0
09	884953	95		86		0
10	884954	88				0
11	884948	0	D	0	D	0
12	884947	0	D	0	D	0
13	884946	0	D	0	D	0
14	884978	0	D	0	D	0
15	884978MS	0	D			0
16	884978MSD	0	D			0
17	884966	0	D	0	D	0
18	884967	0	D	0	D	0
19	884968	0	D	0	D	0
20	884969	0	D	0	D	0
21	884970	127		128		0
22	884971	139		130		0
23	884980	0	D	0	D	0
24	884981	218	*	219	*	2
25	884982	228	*	137		1
26	884986	373	*	266	*	2
27	884987	174	*	190	*	2
28	884988	0	D	0	D	0
29	884989	0	D	0	D	0
30	884992	108				0
31	884972MS	97				0
32	884972MSD	96				0
33	SP002W	104		132		0
34	6429BS	108				0

		ADVISORY QC LIMITS
S1	= Decachlorobiphenyl(sur	(60-151)

\# Column to be used to flag recovery values
* Values outside of advisory QC limits
D Surrogate diluted out
R Surrogate removed during H2SO4 cleanup procedure
** Not detected due to coeluting interference

GC ORGANICS SURROGATE RECOVERY

Matrix: WATER Level: LOW Lab Job No: 0729

	LABORATORY SAMPLE NO.	S1 1 %REC	#	S1 2 %REC	#	TOT OUT
01	6362BS	65				0
02	884942	56				0
03	884965	60				0
04	884979	72				0
05	884990	54				0
06	884991	66				0
07	WP348A	87				0
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

		ADVISORY QC LIMITS
S1	= Decachlorobiphenyl(sur	(32-134)

Column to be used to flag recovery values
* Values outside of advisory QC limits
D Surrogate diluted out
R Surrogate removed during H2SO4 cleanup procedure
** Not detected due to coeluting interference

GC BLANK SPIKE RECOVERY
METHOD 8082

QA Batch: 6365

Compound	SPIKE ADDED (ug/kg)	BS CONCENTRATION (ug/kg)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	330	400	121	70-160
Aroclor-1260	330	430	130	42-186

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 2 outside limits

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8082

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 884946

MS Sample from Lab Job No: 0729

QA Batch: 6365

Compound	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	520	0.00	0.00	D	70-160
Aroclor-1260	520	220000**	93000	D	42-186

Compound	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	520	0.00	D	n/a	29	70-160
Aroclor-1260	520	330000	D	n/a	24	42-186

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
** Non-target coeluting interference
D Diluted out
RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 4 outside limits

COMMENTS: Blank spike recoveries within Q.C.limts.

GC BLANK SPIKE RECOVERY
METHOD 8082

QA Batch: 6368

Compound	SPIKE ADDED (ug/kg)	BS CONCENTRATION (ug/kg)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	670	730	109	70-160
Aroclor-1260	670	760	113	42-186

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 2 outside limits

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8082

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 884964

MS Sample from Lab Job No: 0729

QA Batch: 6368

Compound	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	1100	140	1200	96	70-160
Aroclor-1260	1100	12	1200	108	42-186

Compound	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	1100	1200	96	0	29	70-160
Aroclor-1260	1100	1300	117	8	24	42-186

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 4 outside limits

COMMENTS: _____

GC BLANK SPIKE RECOVERY
METHOD 8082

QA Batch: 6375

Compound	SPIKE ADDED (ug/kg)	BS CONCENTRATION (ug/kg)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	330	410	124	70-160
Aroclor-1260	330	430	130	42-186

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 2 outside limits

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8082

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 884978

MS Sample from Lab Job No: O729

QA Batch: 6375

Compound	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	390	3000**	4300	D	70-160
Aroclor-1260	390	32000**	50000	D	42-186

Compound	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	390	4300	D	n/a	29	70-160
Aroclor-1260	390	53000	D	n/a	24	42-186

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
** Non-target Co-eluting interference.
RPD: 0 out of 2 outside limits
Spike Recovery: 4 out of 4 outside limits

COMMENTS: Blank spike within QC limits

GC BLANK SPIKE RECOVERY
METHOD 8082

QA Batch: 6429

Compound	SPIKE ADDED (ug/kg)	BS CONCENTRATION (ug/kg)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	330	350	106	58-158
Aroclor-1260	330	340	103	66-150

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 2 outside limits

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8082

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 884972

MS Sample from Lab Job No: 0729

QA Batch: 6429

Compound	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	550	0.00	520	95	58-158
Aroclor-1260	550	290+	720	78	66-150

Compound	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	550	550	100	6	17	58-158
Aroclor-1260	550	780	89	13	17	66-150

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
+ Non-target coeluting interference
RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 4 outside limits

COMMENTS: _____

GC BLANK SPIKE RECOVERY
METHOD 8082

QA Batch: 6362

Compound	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	5.0	5.6	112 *	67-111
Aroclor-1260	5.0	6.3	126 *	66-123

Column to be used to flag recovery values with an asterik

Spike Recovery: 2 out of 2 outside limits

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8082

Matrix: WATER

Level: LOW

Matrix Spike - Lab Sample No.: 885321

MS Sample from Lab Job No: 0779

QA Batch: 6362

Compound	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	5.0	0.00	4.6	92	70-160
Aroclor-1260	5.0	0.00	5.8	116	42-186

Compound	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	5.0	4.5	90	2	29	70-160
Aroclor-1260	5.0	5.7	114	2	24	42-186

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 4 outside limits

COMMENTS: _____

Analytical Results Summary

Client ID: **121007-1536**
Site: BP Hastings

Lab Sample ID: **884941**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426335.d
Rear File ID: vr426335.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 10.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	780	R
Aroclor-1221	ND	780	R
Aroclor-1232	ND	780	R
Aroclor-1242	ND	780	R
Aroclor-1248	4600	780	F
Aroclor-1254	ND	780	R
Aroclor-1260	ND	780	R
Aroclor-1262	14000	780	F
Aroclor-1268	ND	780	R

Client ID: **121007-1540**
Site: BP Hastings

Lab Sample ID: **884942**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i

Matrix: WATER
Sample Volume: 1000 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Front File ID: qf067716.d
Rear File ID: qr067716.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/l	Quantitation Limit Units: ug/l	Column
Aroclor-1016	ND	0.50	R
Aroclor-1221	ND	0.50	R
Aroclor-1232	ND	0.50	R
Aroclor-1242	ND	0.50	R
Aroclor-1248	ND	0.50	R
Aroclor-1254	ND	0.50	R
Aroclor-1260	ND	0.50	R
Aroclor-1262	ND	0.50	R
Aroclor-1268	ND	0.50	R

Client ID: **121007-1555**
Site: BP Hastings

Lab Sample ID: **884943**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426340.d
Rear File ID: vr426340.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 20.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	1700	R
Aroclor-1221	ND	1700	R
Aroclor-1232	ND	1700	R
Aroclor-1242	ND	1700	R
Aroclor-1248	ND	1700	R
Aroclor-1254	8900	1700	F
Aroclor-1260	ND	1700	R
Aroclor-1262	24000	1700	F
Aroclor-1268	ND	1700	R

Client ID: **121007-1600**
Site: BP Hastings

Lab Sample ID: **884944**
Lab Job No: O729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426341.d
Rear File ID: vr426341.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 2.0
% Moisture: 34

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	200	R
Aroclor-1221	ND	200	R
Aroclor-1232	ND	200	R
Aroclor-1242	ND	200	R
Aroclor-1248	ND	200	R
Aroclor-1254	620	200	F
Aroclor-1260	ND	200	R
Aroclor-1262	1400	200	F
Aroclor-1268	ND	200	R

Client ID: **121007-1602**
Site: BP Hastings

Lab Sample ID: **884945**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426336.d
Rear File ID: vr426336.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 5.0
% Moisture: 38

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	540	R
Aroclor-1221	ND	540	R
Aroclor-1232	ND	540	R
Aroclor-1242	ND	540	R
Aroclor-1248	ND	540	R
Aroclor-1254	4100	540	F
Aroclor-1260	ND	540	R
Aroclor-1262	9800	540	F
Aroclor-1268	ND	540	R

Client ID: **121007-1623**
Site: BP Hastings

Lab Sample ID: **884946**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426407.d
Rear File ID: vr426407.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 100.0
% Moisture: 36

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	10000	R
Aroclor-1221	ND	10000	R
Aroclor-1232	ND	10000	R
Aroclor-1242	ND	10000	R
Aroclor-1248	ND	10000	R
Aroclor-1254	60000	10000	F
Aroclor-1260	ND	10000	R
Aroclor-1262	170000	10000	F
Aroclor-1268	ND	10000	R

Client ID: **121007-1625**
Site: BP Hastings

Lab Sample ID: **884947**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426406.d
Rear File ID: vr426406.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 250.0
% Moisture: 33

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	25000	R
Aroclor-1221	ND	25000	R
Aroclor-1232	ND	25000	R
Aroclor-1242	ND	25000	R
Aroclor-1248	ND	25000	R
Aroclor-1254	87000	25000	F
Aroclor-1260	ND	25000	R
Aroclor-1262	370000	25000	F
Aroclor-1268	ND	25000	R

Client ID: **121007-1652**
Site: BP Hastings

Lab Sample ID: **884948**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426405.d
Rear File ID: vr426405.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 100.0
% Moisture: 51

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	14000	R
Aroclor-1221	ND	14000	R
Aroclor-1232	ND	14000	R
Aroclor-1242	ND	14000	R
Aroclor-1248	ND	14000	R
Aroclor-1254	ND	14000	R
Aroclor-1260	ND	14000	R
Aroclor-1262	ND	14000	R
Aroclor-1268	160000	14000	R

Client ID: **121007-1655**
Site: BP Hastings

Lab Sample ID: **884949**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426355.d
Rear File ID: vr426355.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 49

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	130	R
Aroclor-1221	ND	130	R
Aroclor-1232	ND	130	R
Aroclor-1242	ND	130	R
Aroclor-1248	ND	130	R
Aroclor-1254	ND	130	R
Aroclor-1260	ND	130	R
Aroclor-1262	480	130	F
Aroclor-1268	ND	130	R

Client ID: **121007-1706**
Site: BP Hastings

Lab Sample ID: **884950**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426286.d
Rear File ID: vr426286.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 42

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	ND	110	R
Aroclor-1268	ND	110	R

Client ID: **121007-1710**
Site: BP Hastings

Lab Sample ID: **884951**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426287.d
Rear File ID: vr426287.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 34

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	100	R
Aroclor-1221	ND	100	R
Aroclor-1232	ND	100	R
Aroclor-1242	ND	100	R
Aroclor-1248	ND	100	R
Aroclor-1254	ND	100	R
Aroclor-1260	ND	100	R
Aroclor-1262	ND	100	R
Aroclor-1268	ND	100	R

Client ID: **121107-0919**
Site: BP Hastings

Lab Sample ID: **884952**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426357.d
Rear File ID: vr426357.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 58

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	160	R
Aroclor-1221	ND	160	R
Aroclor-1232	ND	160	R
Aroclor-1242	ND	160	R
Aroclor-1248	ND	160	R
Aroclor-1254	310	160	F
Aroclor-1260	ND	160	R
Aroclor-1262	360	160	F
Aroclor-1268	ND	160	R

Client ID: **2217-121107-0921**
Site: BP Hastings

Lab Sample ID: **884953**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426359.d
Rear File ID: vr426359.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 55

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	150	R
Aroclor-1221	ND	150	R
Aroclor-1232	ND	150	R
Aroclor-1242	ND	150	R
Aroclor-1248	ND	150	R
Aroclor-1254	280	150	R
Aroclor-1260	ND	150	R
Aroclor-1262	270	150	F
Aroclor-1268	ND	150	R

Client ID: **121107-0928**
Site: BP Hastings

Lab Sample ID: **884954**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426365.d
Rear File ID: vr426365.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 42

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	120	R
Aroclor-1221	ND	120	R
Aroclor-1232	ND	120	R
Aroclor-1242	ND	120	R
Aroclor-1248	ND	120	R
Aroclor-1254	ND	120	R
Aroclor-1260	ND	120	R
Aroclor-1262	ND	120	R
Aroclor-1268	ND	120	R

Client ID: **121107-0930**
Site: BP Hastings

Lab Sample ID: **884955**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/17/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426246.d
Rear File ID: vr426246.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 41

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	ND	110	R
Aroclor-1268	ND	110	R

Client ID: **121107-0944**
Site: BP Hastings

Lab Sample ID: **884956**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/17/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426248.d
Rear File ID: vr426248.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 22

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	85	R
Aroclor-1221	ND	85	R
Aroclor-1232	ND	85	R
Aroclor-1242	ND	85	R
Aroclor-1248	400	85	F
Aroclor-1254	ND	85	R
Aroclor-1260	ND	85	R
Aroclor-1262	450	85	F
Aroclor-1268	ND	85	R

Client ID: **121107-0946**
Site: BP Hastings

Lab Sample ID: **884957**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/17/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426249.d
Rear File ID: vr426249.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 52

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	140	R
Aroclor-1221	ND	140	R
Aroclor-1232	ND	140	R
Aroclor-1242	ND	140	R
Aroclor-1248	930	140	F
Aroclor-1254	ND	140	R
Aroclor-1260	ND	140	R
Aroclor-1262	830	140	F
Aroclor-1268	ND	140	R

Client ID: **121107-1002**
Site: BP Hastings

Lab Sample ID: **884958**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426288.d
Rear File ID: vr426288.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 40

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	ND	110	R
Aroclor-1268	ND	110	R

Client ID: **2217-121107-1004**
Site: BP Hastings

Lab Sample ID: **884959**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426289.d
Rear File ID: vr426289.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 43

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	120	R
Aroclor-1221	ND	120	R
Aroclor-1232	ND	120	R
Aroclor-1242	ND	120	R
Aroclor-1248	ND	120	R
Aroclor-1254	ND	120	R
Aroclor-1260	ND	120	R
Aroclor-1262	ND	120	R
Aroclor-1268	ND	120	R

Client ID: **121107-1035**
Site: BP Hastings

Lab Sample ID: **884960**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426290.d
Rear File ID: vr426290.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 47

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	130	R
Aroclor-1221	ND	130	R
Aroclor-1232	ND	130	R
Aroclor-1242	ND	130	R
Aroclor-1248	ND	130	R
Aroclor-1254	ND	130	R
Aroclor-1260	ND	130	R
Aroclor-1262	ND	130	R
Aroclor-1268	ND	130	R

Client ID: **121107-1037**
Site: BP Hastings

Lab Sample ID: **884961**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426291.d
Rear File ID: vr426291.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 50

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	130	R
Aroclor-1221	ND	130	R
Aroclor-1232	ND	130	R
Aroclor-1242	ND	130	R
Aroclor-1248	ND	130	R
Aroclor-1254	ND	130	R
Aroclor-1260	ND	130	R
Aroclor-1262	ND	130	R
Aroclor-1268	ND	130	R

Client ID: **121107-1111**
Site: BP Hastings

Lab Sample ID: **884962**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426292.d
Rear File ID: vr426292.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 46

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	120	R
Aroclor-1221	ND	120	R
Aroclor-1232	ND	120	R
Aroclor-1242	ND	120	R
Aroclor-1248	ND	120	R
Aroclor-1254	ND	120	R
Aroclor-1260	ND	120	R
Aroclor-1262	ND	120	R
Aroclor-1268	ND	120	R

Client ID: **121107-1113**
Site: BP Hastings

Lab Sample ID: **884963**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426293.d
Rear File ID: vr426293.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 47

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	130	R
Aroclor-1221	ND	130	R
Aroclor-1232	ND	130	R
Aroclor-1242	ND	130	R
Aroclor-1248	ND	130	R
Aroclor-1254	ND	130	R
Aroclor-1260	ND	130	R
Aroclor-1262	230	130	R
Aroclor-1268	ND	130	R

Client ID: **121107-1117**
Site: BP Hastings

Lab Sample ID: **884964**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426294.d
Rear File ID: vr426294.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 41

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	ND	110	R
Aroclor-1268	ND	110	R

Client ID: **2217-121107-1335**
Site: BP Hastings

Lab Sample ID: **884965**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i

Matrix: WATER
Sample Volume: 1000 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Front File ID: qf067717.d
Rear File ID: qr067717.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/l	Quantitation Limit Units: ug/l	Column
Aroclor-1016	ND	0.50	R
Aroclor-1221	ND	0.50	R
Aroclor-1232	ND	0.50	R
Aroclor-1242	ND	0.50	R
Aroclor-1248	ND	0.50	R
Aroclor-1254	ND	0.50	R
Aroclor-1260	ND	0.50	R
Aroclor-1262	ND	0.50	R
Aroclor-1268	ND	0.50	R

Client ID: **121107-1403**
Site: BP Hastings

Lab Sample ID: **884966**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067764.d
Rear File ID: qr067764.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 10.0
% Moisture: 46

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	1200	R
Aroclor-1221	ND	1200	R
Aroclor-1232	ND	1200	R
Aroclor-1242	ND	1200	R
Aroclor-1248	ND	1200	R
Aroclor-1254	ND	1200	R
Aroclor-1260	ND	1200	R
Aroclor-1262	17000	1200	F
Aroclor-1268	ND	1200	R

Client ID: **121107-1420**
Site: BP Hastings

Lab Sample ID: **884967**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067766.d
Rear File ID: qr067766.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 100.0
% Moisture: 50

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	13000	R
Aroclor-1221	ND	13000	R
Aroclor-1232	ND	13000	R
Aroclor-1242	ND	13000	R
Aroclor-1248	ND	13000	R
Aroclor-1254	ND	13000	R
Aroclor-1260	ND	13000	R
Aroclor-1262	170000	13000	R
Aroclor-1268	ND	13000	R

Client ID: **121107-1422**
Site: BP Hastings

Lab Sample ID: **884968**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067768.d
Rear File ID: qr067768.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 250.0
% Moisture: 48

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	32000	R
Aroclor-1221	ND	32000	R
Aroclor-1232	ND	32000	R
Aroclor-1242	ND	32000	R
Aroclor-1248	ND	32000	R
Aroclor-1254	ND	32000	R
Aroclor-1260	ND	32000	R
Aroclor-1262	250000	32000	F
Aroclor-1268	ND	32000	R

Client ID: **121107-1442**
Site: BP Hastings

Lab Sample ID: **884969**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067770.d
Rear File ID: qr067770.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 50.0
% Moisture: 41

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	5700	R
Aroclor-1221	ND	5700	R
Aroclor-1232	ND	5700	R
Aroclor-1242	ND	5700	R
Aroclor-1248	ND	5700	R
Aroclor-1254	ND	5700	R
Aroclor-1260	ND	5700	R
Aroclor-1262	56000	5700	F
Aroclor-1268	ND	5700	R

Client ID: **121107-1518**
Site: BP Hastings

Lab Sample ID: **884970**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067773.d
Rear File ID: qr067773.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 48

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	130	R
Aroclor-1221	ND	130	R
Aroclor-1232	ND	130	R
Aroclor-1242	ND	130	R
Aroclor-1248	ND	130	R
Aroclor-1254	ND	130	R
Aroclor-1260	ND	130	R
Aroclor-1262	1500	130	F
Aroclor-1268	ND	130	R

Client ID: **2217-121107-1520**
Site: BP Hastings

Lab Sample ID: **884971**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067774.d
Rear File ID: qr067774.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 48

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	130	R
Aroclor-1221	ND	130	R
Aroclor-1232	ND	130	R
Aroclor-1242	ND	130	R
Aroclor-1248	ND	130	R
Aroclor-1254	ND	130	R
Aroclor-1260	ND	130	R
Aroclor-1262	570	130	F
Aroclor-1268	ND	130	R

Client ID: **121107-1615**
Site: BP Hastings

Lab Sample ID: **884972**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067660.d
Rear File ID: qr067660.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 40

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	970	110	F
Aroclor-1268	ND	110	R

Client ID: **121107-1617**
Site: BP Hastings

Lab Sample ID: **884973**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067661.d
Rear File ID: qr067661.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 39

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	420	110	R
Aroclor-1268	ND	110	R

Client ID: **121107-1630**
Site: BP Hastings

Lab Sample ID: **884974**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067662.d
Rear File ID: qr067662.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 43

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	120	R
Aroclor-1221	ND	120	R
Aroclor-1232	ND	120	R
Aroclor-1242	ND	120	R
Aroclor-1248	ND	120	R
Aroclor-1254	ND	120	R
Aroclor-1260	ND	120	R
Aroclor-1262	ND	120	R
Aroclor-1268	ND	120	R

Client ID: **2217-121107-1632**
Site: BP Hastings

Lab Sample ID: **884975**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067663.d
Rear File ID: qr067663.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 43

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	120	R
Aroclor-1221	ND	120	R
Aroclor-1232	ND	120	R
Aroclor-1242	ND	120	R
Aroclor-1248	ND	120	R
Aroclor-1254	ND	120	R
Aroclor-1260	ND	120	R
Aroclor-1262	ND	120	R
Aroclor-1268	ND	120	R

Client ID: **121107-1634**
Site: BP Hastings

Lab Sample ID: **884976**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067664.d
Rear File ID: qr067664.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 40

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	ND	110	R
Aroclor-1268	ND	110	R

Client ID: **121107-1636**
Site: BP Hastings

Lab Sample ID: **884977**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067665.d
Rear File ID: qr067665.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 42

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	ND	110	R
Aroclor-1268	ND	110	R

Client ID: **121107-1654**
Site: BP Hastings

Lab Sample ID: **884978**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067760.d
Rear File ID: qr067760.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 10.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	780	R
Aroclor-1221	ND	780	R
Aroclor-1232	ND	780	R
Aroclor-1242	ND	780	R
Aroclor-1248	ND	780	R
Aroclor-1254	ND	780	R
Aroclor-1260	ND	780	R
Aroclor-1262	16000	780	F
Aroclor-1268	ND	780	R

Client ID: **2217-121107-1701**
Site: BP Hastings

Lab Sample ID: **884979**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i

Matrix: WATER
Sample Volume: 1000 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Front File ID: qf067718.d
Rear File ID: qr067718.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/l	Quantitation Limit Units: ug/l	Column
Aroclor-1016	ND	0.50	R
Aroclor-1221	ND	0.50	R
Aroclor-1232	ND	0.50	R
Aroclor-1242	ND	0.50	R
Aroclor-1248	ND	0.50	R
Aroclor-1254	ND	0.50	R
Aroclor-1260	ND	0.50	R
Aroclor-1262	ND	0.50	R
Aroclor-1268	ND	0.50	R

Client ID: **121107-1705**
Site: BP Hastings

Lab Sample ID: **884980**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067775.d
Rear File ID: qr067775.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 500.0
% Moisture: 37

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	53000	R
Aroclor-1221	ND	53000	R
Aroclor-1232	ND	53000	R
Aroclor-1242	ND	53000	R
Aroclor-1248	ND	53000	R
Aroclor-1254	ND	53000	R
Aroclor-1260	ND	53000	R
Aroclor-1262	400000	53000	R
Aroclor-1268	ND	53000	R

Client ID: **121107-1707**
Site: BP Hastings

Lab Sample ID: **884981**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067778.d
Rear File ID: qr067778.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 5.0
% Moisture: 43

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	590	R
Aroclor-1221	ND	590	R
Aroclor-1232	ND	590	R
Aroclor-1242	ND	590	R
Aroclor-1248	ND	590	R
Aroclor-1254	ND	590	R
Aroclor-1260	ND	590	R
Aroclor-1262	5800	590	R
Aroclor-1268	ND	590	R

Client ID: **121107-1710**
Site: BP Hastings

Lab Sample ID: **884982**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067779.d
Rear File ID: qr067779.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 41

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	ND	110	R
Aroclor-1268	ND	110	R

Client ID: **121107-1725**
Site: BP Hastings

Lab Sample ID: **884983**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067671.d
Rear File ID: qr067671.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 51

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	140	R
Aroclor-1221	ND	140	R
Aroclor-1232	ND	140	R
Aroclor-1242	ND	140	R
Aroclor-1248	ND	140	R
Aroclor-1254	ND	140	R
Aroclor-1260	ND	140	R
Aroclor-1262	1600	140	F
Aroclor-1268	ND	140	R

Client ID: **121107-1738**
Site: BP Hastings

Lab Sample ID: **884984**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067672.d
Rear File ID: qr067672.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 39

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	310	110	R
Aroclor-1268	ND	110	R

Client ID: **121107-1815**
Site: BP Hastings

Lab Sample ID: **884985**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067673.d
Rear File ID: qr067673.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 58

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	160	R
Aroclor-1221	ND	160	R
Aroclor-1232	ND	160	R
Aroclor-1242	ND	160	R
Aroclor-1248	ND	160	R
Aroclor-1254	ND	160	R
Aroclor-1260	ND	160	R
Aroclor-1262	260	160	R
Aroclor-1268	ND	160	R

Client ID: **121107-1818**
Site: BP Hastings

Lab Sample ID: **884986**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067780.d
Rear File ID: qr067780.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 5.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	400	R
Aroclor-1221	ND	400	R
Aroclor-1232	ND	400	R
Aroclor-1242	ND	400	R
Aroclor-1248	ND	400	R
Aroclor-1254	ND	400	R
Aroclor-1260	ND	400	R
Aroclor-1262	4800	400	F
Aroclor-1268	ND	400	R

Client ID: **121107-1820**
Site: BP Hastings

Lab Sample ID: **884987**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067781.d
Rear File ID: qr067781.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 5.0
% Moisture: 45

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	610	R
Aroclor-1221	ND	610	R
Aroclor-1232	ND	610	R
Aroclor-1242	ND	610	R
Aroclor-1248	ND	610	R
Aroclor-1254	ND	610	R
Aroclor-1260	ND	610	R
Aroclor-1262	11000	610	F
Aroclor-1268	ND	610	R

Client ID: **121107-1830**
Site: BP Hastings

Lab Sample ID: **884988**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067782.d
Rear File ID: qr067782.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 20.0
% Moisture: 47

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	2500	R
Aroclor-1221	ND	2500	R
Aroclor-1232	ND	2500	R
Aroclor-1242	ND	2500	R
Aroclor-1248	ND	2500	R
Aroclor-1254	ND	2500	R
Aroclor-1260	ND	2500	R
Aroclor-1262	37000	2500	R
Aroclor-1268	ND	2500	R

Client ID: **121107-1832**
Site: BP Hastings

Lab Sample ID: **884989**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067783.d
Rear File ID: qr067783.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 20.0
% Moisture: 46

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	2500	R
Aroclor-1221	ND	2500	R
Aroclor-1232	ND	2500	R
Aroclor-1242	ND	2500	R
Aroclor-1248	ND	2500	R
Aroclor-1254	ND	2500	R
Aroclor-1260	ND	2500	R
Aroclor-1262	43000	2500	R
Aroclor-1268	ND	2500	R

Client ID: **2217-121107-1910**
Site: BP Hastings

Lab Sample ID: **884990**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i

Matrix: WATER
Sample Volume: 1000 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Front File ID: qf067719.d
Rear File ID: qr067719.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/l	Quantitation Limit Units: ug/l	Column
Aroclor-1016	ND	0.50	R
Aroclor-1221	ND	0.50	R
Aroclor-1232	ND	0.50	R
Aroclor-1242	ND	0.50	R
Aroclor-1248	ND	0.50	R
Aroclor-1254	ND	0.50	R
Aroclor-1260	ND	0.50	R
Aroclor-1262	ND	0.50	R
Aroclor-1268	ND	0.50	R

Client ID: **2217-121107-1915**
Site: BP Hastings

Lab Sample ID: **884991**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i

Matrix: WATER
Sample Volume: 1000 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Front File ID: qf067720.d
Rear File ID: qr067720.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/l	Quantitation Limit Units: ug/l	Column
Aroclor-1016	ND	0.50	R
Aroclor-1221	ND	0.50	R
Aroclor-1232	ND	0.50	R
Aroclor-1242	ND	0.50	R
Aroclor-1248	ND	0.50	R
Aroclor-1254	ND	0.50	R
Aroclor-1260	ND	0.50	R
Aroclor-1262	ND	0.50	R
Aroclor-1268	ND	0.50	R

Client ID: **121107-1620**
Site: BP Hastings

Lab Sample ID: **884992**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067785.d
Rear File ID: qr067785.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 41

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	ND	110	R
Aroclor-1268	ND	110	R

General Information

Chain of Custody

0729

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Chain of Custody Record

On-site Time: 0730	Temp: 40's
Off-site Time: 1700	Temp: 40's
Sky Conditions: Overcast	
Meteorological Events:	
Wind Speed:	Direction:

Project Name: Hastings-on-Hudson, OU-1
BP BU/AR Region/Enfos Segment: East Coast/ OBC Non-Mining
State or Lead Regulatory Agency: NYSDEC
Requested Due Date (mm/dd/yy):
Chain of Custody Number:

Lab Name:	TestAmerica ~~Burlington~~	BP/AR Facility No.:	OU-1	Consultant/Contractor:	Haley & Aldrich
Address: 777 New Durham ~~Rd~~ Edison NJ 08817	30 ~~Community Drive, Suite~~ 11 South ~~Burlington, VT 05403~~	BP/AR Facility Address:	1 River Street, Hastings-on-Hudson, NY 10706	Address:	3840 Packard Road Ann Arbor, MI 48108-2280
Lab PM: Matt ~~Kris Duseblon~~		Site Lat/Long:	N40° 59' 30"/W73° 53' 07"		
Tele/Fax: 732 549 3900	802.660.1990	California Global ID No.:		Consultant/Contractor Project No.:	28612
BP/AR PM Contact:	Joe Sontchi	Enfos Project No.:	001D2-0068	Consultant/Contractor PM:	Ban Aragona
Address:	28100 Torch Parkway Warrenville, IL 60555	Provision or RCOP (circle one)		Tele/Fax:	734-451-4917/734-451-4967
		Phase/WBS:	Site Characterization	Report Type & QC Level:	Level IV
		Sub Phase/Task:	Analytical/Contractor Labor	E-mail EDD To:	baragona@haleyaldrich.com
Tele/Fax:	630.836.7117	Cost Element:	Contract Labor, Matrls, Eqpmnt, Contractor T&E, Subcont Cost	Invoice to:	Consultant or BP or Atlantic Richfield Co. (circle one)

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Sediment/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: Total PCBs	Requested Analysis: TCLP Metals	Requested Analysis: TCLP VOCs	Requested Analysis: Reactivity	Requested Analysis: Ignitability	Requested Analysis: Corrosivity	Requested Analysis: Percent Oil	Sample Point Lat/Long and Comments
1	~~HA201A-121007-1350~~	~~1350~~	12/12	X				1	X					X							0729
2	HA211-121007-1536	1536		X				1	X					X							884941
3	~~HA~~2217-121007-1540	1540			X			1	X					X							884942
4	HA211-121007-1555	1555		X				1	X					X							884943
5	HA211-121007-1600	1600		X				1	X					X							884944
6	2217-121007-1602	1602		X				1	X					X							884945
7	HA211-121007-1623	1623		X				3	X					X							MS/MSD 884946 884947
8	220-121007-1625	1625		X				1	X					X							Hold 884948
9	HA220-121007-1652	1652		X				1	X					X							Hold 884949
10	HA220-121007-1655	1655	↓	X				1	X					X							

		Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name:	Ana Mora		12/12	1600		12/12/07	245
Sampler's Company:	~~Parsons~~ Haley & Aldrich		12/14/07	1505		12/14/07	505
Shipment Date:	12/12/07						
Shipment Method:	~~FedEx~~ Lab Pickup						
Shipment Tracking No:							

Special Instructions:

Custody Seals In Place Yes ___ No ___ Temp Blank Yes ___ No ___ Cooler Temperature on Receipt ___ °F/C Trip Blank Yes ___ No ___

Distribution: White Copy - Laboratory / Yellow Copy - BP/Atlantic Richfield Co. / Pink Copy - Consultant/Contractor

3°C 2°C 3°C

BP COC Rev. 4 10/1/04

TestAmerica Edison

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Chain of Custody Record

Project Name: Hastings-on-Hudson, OU-1
BP BU/AR Region/Enfos Segment: East Coast/ OBC Non-Mining
State or Lead Regulatory Agency: NYSDEC
Requested Due Date (mm/dd/yy):
Chain of Custody Number:

On-site Time: 0730	Temp: 40's
Off-site Time: 1700	Temp: 40's
Sky Conditions: Overcast	
Meteorological Events:	
Wind Speed:	Direction:

Lab Name:	TestAmerica ~~Burlington~~	BP/AR Facility No.:	OU-1	Consultant/Contractor:	Haley & Aldrich
Address: 777 New Durham Rd	~~30 Community Drive, Suite 11~~	BP/AR Facility Address:	1 River Street, Hastings-on-Hudson, NY 10706	Address:	3840 Packard Road
Edison NJ 08817	~~South Burlington, VT 05403~~	Site Lat/Long:	N40° 59' 30"/W73° 53' 07"		Ann Arbor, MI 48108-2280
Lab PM: Matt Mattei Morris	~~Kris Dusablon~~	California Global ID No.:		Consultant/Contractor Project No.:	28612
Tele/Fax: 732 549-3900	~~802.660.1990~~	Enfos Project No.:	001D2-0068	Consultant/Contractor PM:	Ban Aragona
BP/AR PM Contact:	Joe Sontchi	Provision or RCOP (circle one)		Tele/Fax:	734-451-4917/734-451-4967
Address:	28100 Torch Parkway	Phase/WBS:	Site Characterization	Report Type & QC Level:	Level IV
	Warrenville, IL 60555	Sub Phase/Task:	Analytical/Contractor Labor	E-mail EDD To:	baragona@haleyaldrich.com
Tele/Fax:	630.836.7117	Cost Element:	Contract Labor, Matrls, Eqpmnt, Contractor T&E, Subcont Cost	Invoice to:	Consultant or BP or Atlantic Richfield Co. (circle one)

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Sediment/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: Total PCBs	Requested Analysis: TCLP Metals	Requested Analysis: TCLP VOCs	Requested Analysis: Reactivity	Requested Analysis: Ignitability	Requested Analysis: Corrosivity	Requested Analysis: Percent Oil	Sample Point Lat/Long and Comments
1	HA220-121007-1706	1706	12/6	X				1	X					X							Hold 884950
2	HA220-121007-1710	1710	12/10	X				1	X					X							Hold 884951
3	HA221-121107-0919	0919	12/11	X				1	X					X							884952
4	2217-121107-0921	0921		X				1	X					X							884953
5	HA221-121107-0928	0928		X				1	X					X							884954
6	2217-121107-0930	0930		X				1	X					X							884955
7	HA221-121107-0944	0944		X				1	X					X							884956
8	HA221-121107-0946	0946		X				1	X					X							884957
9	HA221-121107-1002	1002		X				1	X					X							884958
10	2217-121107-1004	1004	↓	X				1	X					X							884959

0729

Sampler's Name:	Ana Mora	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation
Sampler's Company:	~~Parsons~~ Lab PickUp	[signature] / H&A	12/12	1600	[signature] / TestAmerica
Shipment Date:	12/12/07	[signature]	12/12/07	1700	[signature]
Shipment Method:	~~Fed Ex~~ Lab PickUp				
Shipment Tracking No:					

Date	Time
12/12/07	2145
12-12-07	2305

Special Instructions:

Custody Seals In Place Yes ___ No ___ Temp Blank Yes ___ No ___ Cooler Temperature on Receipt ___ °F/C Trip Blank Yes ___ No ___

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3°C 2°C 3°C

BP COC Rev. 4 10/1/04

TestAmerica Edison

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2007019

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Chain of Custody Record

On-site Time: 0730	Temp: 40's
Off-site Time: 1700	Temp: 40's
Sky Conditions: Overcast	
Meteorological Events:	
Wind Speed:	Direction:

Project Name: Hastings-on-Hudson, OU-1
BP BU/AR Region/Enfos Segment: East Coast/ OBC Non-Mining
State or Lead Regulatory Agency: NYSDEC
Requested Due Date (mm/dd/yy):
Chain of Custody Number:

Lab Name:	TestAmerica ~~Burlington~~	BP/AR Facility No.:	OU-1	Consultant/Contractor:	Haley & Aldrich
Address:	777 New Durham Rd ~~30 Community Drive, Suite~~ 11	BP/AR Facility Address:	1 River Street, Hastings-on-Hudson, NY 10706	Address:	3840 Packard Road
	Edison NJ 08817 ~~South Burlington, VT 05403~~	Site Lat/Long:	N40° 59' 30"/W73° 53' 07"		Ann Arbor, MI 48108-2280
Lab PM:	Matt Morris ~~Kris Dusablon~~	California Global ID No.:		Consultant/Contractor Project No.:	28612
Tele/Fax:	732-593-2515 ~~802.660.1990~~	Enfos Project No.:	001D2-0068	Consultant/Contractor PM:	Ban Aragona
BP/AR PM Contact:	Joe Sontchi	Provision or RCOP (circle one)		Tele/Fax:	734-451-4917/734-451-4967
Address:	28100 Torch Parkway	Phase/WBS:	Site Characterization	Report Type & QC Level:	Level IV
	Warrenville, IL 60555	Sub Phase/Task:	Analytical/Contractor Labor	E-mail EDD To:	baragona@haleyaldrich.com
Tele/Fax:	630.836.7117	Cost Element:	Contract Labor, Matrls, Eqpmnt, Contractor T&E, Subcont Cost	Invoice to:	Consultant or BP or Atlantic Richfield Co. (circle one)

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Sediment/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: Total PCBs	Requested Analysis: TCLP Metals	Requested Analysis: TCLP VOCs	Requested Analysis: Reactivity	Requested Analysis: Ignitability	Requested Analysis: Corrosivity	Requested Analysis: Percent Oil	Sample Point Lat/Long and Comments
1	~~HA222-121107-1245~~	~~1245~~	~~12/11~~	X				1	X					X							0729
2	HA222-121107-1035	1035	12/11	X				1	X												884960
3	HA222-121107-1037	1037		X				1	X												884961
4	HA222-121107-1111	1111		X				1	X												884962
5	~~HA222-1113~~ HA222-121107-1113	1113		X				1	X												884963
6	HA222-121107-1117	1117		X				3	X												MS/MSD 884964
7	2217-121107-1335	1335			X			1	X												884965
8	HA224-121107-1403	1403		X				1	X												884966
9	HA224-121107-1420	1420		X				1	X												884967
10	HA224-121107-1422	1422	↓	X				1	X												884968

		Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name:	Ana Mora						
Sampler's Company:	~~Parsons~~ Haley & Aldrich		12/12	1600		12/12/07	1505
Shipment Date:	12/12/07		12/12/07	1700			
Shipment Method:	~~Fed Ex~~ Lab Pickup						
Shipment Tracking No:							

Special Instructions:

Custody Seals In Place Yes ___ No ___ Temp Blank Yes ___ No ___ Cooler Temperature on Receipt ___ °F/C Trip Blank Yes ___ No ___

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3°C 2°C 3°C

BP COC Rev. 4 10/1/04

TestAmerica Edison

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2007020

Chain of Custody Record

On-site Time:	0730 Temp: 40's
Off-site Time:	1700 Temp: 40's
Sky Conditions:	Overcast
Meteorological Events:	
Wind Speed:	Direction:

Project Name: Hastings-on-Hudson, OU-1
BP BU/AR Region/Enfos Segment: East Coast/ OBC Non-Mining
State or Lead Regulatory Agency: NYSDEC
Requested Due Date (mm/dd/yy):
Chain of Custody Number:

Lab Name:	TestAmerica ~~Burlington~~	BP/AR Facility No.:	OU-1	Consultant/Contractor:	Haley & Aldrich
Address:	777 New Durham Rd ~~30 Community Drive, Suite 11~~	BP/AR Facility Address:	1 River Street, Hastings-on-Hudson, NY 10706	Address:	3840 Packard Road
	Edison NJ 08817 ~~South Burlington, VT 05403~~	Site Lat/Long:	N40° 59' 30"/W73° 53' 07"		Ann Arbor, MI 48108-2280
Lab PM:	Matt Morris ~~Kris Dusablon~~	California Global ID No.:		Consultant/Contractor Project No.:	28612
Tele/Fax:	732 549 3679 ~~802.660.1990~~	Enfos Project No.:	001D2-0068	Consultant/Contractor PM:	Ban Aragona
BP/AR PM Contact:	Joe Sontchi	Provision or RCOP (circle one)		Tele/Fax:	734-451-4917/734-451-4967
Address:	28100 Torch Parkway	Phase/WBS:	Site Characterization	Report Type & QC Level:	Level IV
	Warrenville, IL 60555	Sub Phase/Task:	Analytical/Contractor Labor	E-mail EDD To:	baragona@haleyaldrich.com
Tele/Fax:	630.836.7117	Cost Element:	Contract Labor, Matrls, Eqpmnt, Contractor T&E, Subcont Cost	Invoice to:	Consultant or BP or Atlantic Richfield Co. (circle one)

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Sediment/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: Total PCBs	Requested Analysis: TCLP Metals	Requested Analysis: TCLP VOCs	Requested Analysis: Reactivity	Requested Analysis: Ignitability	Requested Analysis: Corrosivity	Requested Analysis: Percent Oil	Sample Point Lat/Long and Comments
1	HA224-121107-1442	1442	12/11	X				1	X					X							884969
2	HA223-121107-1518	1518		X				1	X					X							884970
3	2217-121107-1520	1520		X				1	X					X							884971
4	HA223-121107-1615	1615		X				3	X					X							MS/MSD 884972
5	HA223-121107-1617	1617		X				1	X					X							884973
6	~~HA223-121107-1620~~	~~1620~~		X				1	X					X							
7	HA223-121107-1630	1630		X				1	X					X							884974
8	2217-121107-1632	1632		X				1	X					X							884975
9	HA223-121107-1634	1634	↓	X				1	X					X							884976
10	HA223-121107-1636	1636		X				1	X					X							884977

		Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name:	Ana Mora						
Sampler's Company:	~~Parsons~~ Haley & Aldrich		12/12	1600		12/12/07	2350
Shipment Date:	12/12/07		12/12/07	5pm		12:1207	505
Shipment Method:	~~Fed Ex~~ Lab Pick up						
Shipment Tracking No:							

Special Instructions:

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TestAmerica Edison

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Chain of Custody Record

2007021

Project Name: Hastings-on-Hudson, OU-1
BP BU/AR Region/Enfos Segment: East Coast/ OBC Non-Mining
State or Lead Regulatory Agency: NYSDEC
Requested Due Date (mm/dd/yy):
Chain of Custody Number:

On-site Time:	Temp:
Off-site Time:	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

Lab Name:	TestAmerica ~~Burlington~~	BP/AR Facility No.:	OU-1	Consultant/Contractor:	Haley & Aldrich
Address: 777 New Durham Rd	~~30 Community Drive, Suite 11~~	BP/AR Facility Address:	1 River Street, Hastings-on-Hudson, NY 10706	Address:	3840 Packard Road
Edison NJ 08817	~~South Burlington, VT 05403~~	Site Lat/Long:	N40° 59' 30"/W73° 53' 07"		Ann Arbor, MI 48108-2280
Lab PM: Matt Morris	~~Kris Dusablon~~	California Global ID No.:		Consultant/Contractor Project No.:	28612
Tele/Fax: 732 593 2515	~~802.660.1990~~	Enfos Project No.:	001D2-0068	Consultant/Contractor PM:	Ban Aragona
BP/AR PM Contact:	Joe Sontchi	Provision or RCOP (circle one)		Tele/Fax:	734-451-4917/734-451-4967
Address:	28100 Torch Parkway	Phase/WBS:	Site Characterization	Report Type & QC Level:	Level IV
	Warrenville, IL 60555	Sub Phase/Task:	Analytical/Contractor Labor	E-mail EDD To:	baragona@haleyaldrich.com
Tele/Fax:	630.836.7117	Cost Element:	Contract Labor, Matrls, Eqpmnt, Contractor T&E, Subcont Cost	Invoice to:	Consultant or BP or Atlantic Richfield Co. (circle one)

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Sediment/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: Total PCBs	Requested Analysis: TCLP Metals	Requested Analysis: TCLP VOCs	Requested Analysis: Reactivity	Requested Analysis: Ignitability	Requested Analysis: Corrosivity	Requested Analysis: Percent Oil	Sample Point Lat/Long and Comments
1	HA225A-121107-1654	1654	12/11	X				3	X					X							MS/MSD 884978
2	22M-121107-1701	1701			X			1	X					X							884979
3	HA225A-121107-1705	1705		X				1	X					X							884980
4	HA225A-121107-1707	1707		X				1	X					X							884981
5	HA225A-121107-1710	1710		X				1	X					X							884982
6	HA225A-121107-1725	1725		X				1	X					X							884983
7	HA225A-121107-1738	1738		X				1	X					X							884984
8	HA203B-121107-1815	1815		X				1	X					X							884985
9	HA203B-121107-1818	1818		X				1	X					X							884986
10	HA203B-121107-1820	1820	↓	X				1	X					X							884987

0729

		Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name:	Ana Mora						
Sampler's Company:	~~Parsons~~ Haley & Aldrich		12/12/07	1600			
Shipment Date:	12/12/07		12/12/07	5:30p		12-12-07	1750
Shipment Method:	~~Fed Ex~~ Lab Pick Up						
Shipment Tracking No:							

Special Instructions:

Custody Seals In Place Yes ___ No ___ Temp Blank Yes ___ No ___ | Cooler Temperature on Receipt ___ °F/C Trip Blank Yes ___ No ___

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3°C 2°C 3°C

TestAmerica Edison

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TestAmerica Edison

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Chain of Custody Record

2007022

On-site Time: 0730	Temp: 40's
Off-site Time: 1700	Temp: 40's
Sky Conditions: Overcast	
Meteorological Events:	
Wind Speed:	Direction:

Project Name: Hastings-on-Hudson, OU-1
BP BU/AR Region/Enfos Segment: East Coast/ OBC Non-Mining
State or Lead Regulatory Agency: NYSDEC
Requested Due Date (mm/dd/yy):
Chain of Custody Number:

Lab Name:	TestAmerica ~~Burlington~~	BP/AR Facility No.:	OU-1	Consultant/Contractor:	Haley & Aldrich
Address: 777 New Durham RD	30 ~~Community Drive, Suite 11~~	BP/AR Facility Address:	1 River Street, Hastings-on-Hudson, NY 10706	Address:	3840 Packard Road
Edison NJ 08817	South ~~Burlington, VT 05403~~	Site Lat/Long:	N40° 59' 30"/W73° 53' 07"		Ann Arbor, MI 48108-2280
Lab PM: Matt Morris	Kris ~~Dusablon~~	California Global ID No.:		Consultant/Contractor Project No.:	28612
Tele/Fax: 732 593 2515	802.660.1990	Enfos Project No.:	001D2-0068	Consultant/Contractor PM:	Ban Aragona
BP/AR PM Contact:	Joe Sontchi	Provision or RCOP (circle one)		Tele/Fax:	734-451-4917/734-451-4967
Address:	28100 Torch Parkway	Phase/WBS:	Site Characterization	Report Type & QC Level:	Level IV
	Warrenville, IL 60555	Sub Phase/Task:	Analytical/Contractor Labor	E-mail EDD To:	baragona@haleyaldrich.com
Tele/Fax:	630.836.7117	Cost Element:	Contract Labor, Matrls, Eqpmnt, Contractor T&E, Subcont Cost	Invoice to:	Consultant or BP or Atlantic Richfield Co. (circle one)

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Sediment/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: Total PCBs	TCLP Metals	TCLP VOCs	Reactivity	Ignitability	Corrosivity	Percent Oil				Sample Point Lat/Long and Comments
																								0729
1	HA203B-121107-1830	1830	12/11	X				1	X					X										884988
2	HA203B-121107-1832	1832	↓	X				1	X					X										884989
3	2217-121107-1910	1910			X			1	X					X										884990
4	2217-121107-1915	1915	↓		X			1	X					X										884991
5	HA223-121107-1620	1620	↓	X				1	X					X										884992
6																								
7																								
8																								
9																								
10																								

Sampler's Name:	Ana Mora	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	~~Parsons~~ Haley & Aldrich		12/12/07	1600	Test America	12/12/07	2015
Shipment Date:	12/12/07		12/12/07	505		12-12-07	505
Shipment Method:	~~Fed Ex~~ Lab Pick Up						
Shipment Tracking No:							

Special Instructions:

Custody Seals In Place Yes ___ No ___ Temp Blank Yes ___ No ___ Cooler Temperature on Receipt ___ °F/C Trip Blank Yes ___ No ___

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BP COC Rev. 4 10/1/04

SAMPLE RECEIPT LOG/VARIANCE REPORT

STL Edison Job Number: 0729

Date Received: 12-13-07 Time Received: 1705 Time Staged: 1030

Client Name: Haley & Aldrich No. of Coolers Received: 3

Project No. /Job or Site Name: BP Hastings

Method of Shipment: STL Courier ✓ Client Courier _____ FedEx _____ Other _____

Is an air bill included with shipment? Yes _____ No ✓ (Attach copy to chain of custody form)

Air Bill No. _____

Cooler Temp 3,2,3 Ice Present: Yes ✓ No _____ Thermometer ID: 68

Custody Seal Intact: Yes _____ No ✓ Custody Seal No. _____

Head space in VOA? Yes _____ No ✓ Note: _____

Sample Control Technician: CH

Comments:

- ☐ Illegible COC
- ☐ No client/site name
- ☐ Number of containers does not match COC
- ☐ No sample time*
- ☐ No sample date*
- ☐ No matrix *
- ☐ No sample ID*
- ☐ No TAT
- ☐ Analysis doesn't match bottle received*
- ☐ Samples received outside of holding time*
- ☐ No COC received
- ☐ Sample ID's don't match COC ID's*
- ☐ Sample time/date doesn't match COC*
- ☐ Temperature outside acceptable range*
- ☐ No cooler, samples received by hand
- ☐ Sample unpreserved *
- ☐ pH outside specified range*
- ☐ Wrong preservative sticker on bottle*
- ☐ Wrong preservative for request analysis
- ☐ Broken sample *
- ☐ Label missing/illegible/washed off*
- ☐ Sample missing*
- ☐ Wrong sample container*
- ☐ Limited volume*
- ☐ No analysis indicated
- ☐ MEOH w/o % solid

*** Please note sample # below**

Project Manager Review: MSMoore Date: 12/13/07

Number of Unused methanol vials/Encores returned: _____

Scale returned: Yes _____ No _____ N/A _____ Scale ID: _____

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: O729 **Site:** BP Hastings

Client: Haley & Aldrich

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
WATER							
884942	12/10/2007	12/12/2007	12/14/2007	Romero, Beisley	12/19/2007	Diaz, Carol	6362
884965	12/11/2007	12/12/2007	12/14/2007	Romero, Beisley	12/19/2007	Diaz, Carol	6362
884979	12/11/2007	12/12/2007	12/14/2007	Romero, Beisley	12/19/2007	Diaz, Carol	6362
884990	12/11/2007	12/12/2007	12/14/2007	Romero, Beisley	12/19/2007	Diaz, Carol	6362
884991	12/11/2007	12/12/2007	12/14/2007	Romero, Beisley	12/19/2007	Diaz, Carol	6362
SOLID							
884941	12/10/2007	12/12/2007	12/14/2007	Alinea, Archie	12/18/2007	Diaz, Carol	6365
884943	12/10/2007	12/12/2007	12/14/2007	Alinea, Archie	12/18/2007	Diaz, Carol	6365
884944	12/10/2007	12/12/2007	12/14/2007	Alinea, Archie	12/18/2007	Diaz, Carol	6365
884945	12/10/2007	12/12/2007	12/14/2007	Alinea, Archie	12/18/2007	Diaz, Carol	6365
884946	12/10/2007	12/12/2007	12/14/2007	Alinea, Archie	12/19/2007	Diaz, Carol	6365
884947	12/10/2007	12/12/2007	12/14/2007	Alinea, Archie	12/19/2007	Diaz, Carol	6365
884948	12/10/2007	12/12/2007	12/15/2007	Huertas, Jamie	12/19/2007	Diaz, Carol	6368
884949	12/10/2007	12/12/2007	12/15/2007	Huertas, Jamie	12/18/2007	Diaz, Carol	6368
884950	12/10/2007	12/12/2007	12/15/2007	Huertas, Jamie	12/18/2007	Diaz, Carol	6368
884951	12/10/2007	12/12/2007	12/15/2007	Huertas, Jamie	12/18/2007	Diaz, Carol	6368
884952	12/10/2007	12/12/2007	12/14/2007	Alinea, Archie	12/18/2007	Diaz, Carol	6365
884953	12/11/2007	12/12/2007	12/14/2007	Alinea, Archie	12/18/2007	Diaz, Carol	6365
884954	12/11/2007	12/12/2007	12/14/2007	Alinea, Archie	12/18/2007	Diaz, Carol	6365
884955	12/11/2007	12/12/2007	12/14/2007	Alinea, Archie	12/17/2007	Diaz, Carol	6365
884956	12/11/2007	12/12/2007	12/14/2007	Alinea, Archie	12/17/2007	Diaz, Carol	6365
884957	12/11/2007	12/12/2007	12/14/2007	Alinea, Archie	12/17/2007	Diaz, Carol	6365
884958	12/11/2007	12/12/2007	12/15/2007	Huertas, Jamie	12/18/2007	Diaz, Carol	6368

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: O729 **Site:** BP Hastings

Client: Haley & Aldrich

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
884959	12/11/2007	12/12/2007	12/15/2007	Huertas, Jamie	12/18/2007	Diaz, Carol	6368
884960	12/11/2007	12/12/2007	12/15/2007	Huertas, Jamie	12/18/2007	Diaz, Carol	6368
884961	12/11/2007	12/12/2007	12/15/2007	Huertas, Jamie	12/18/2007	Diaz, Carol	6368
884962	12/11/2007	12/12/2007	12/15/2007	Huertas, Jamie	12/18/2007	Diaz, Carol	6368
884963	12/11/2007	12/12/2007	12/15/2007	Huertas, Jamie	12/18/2007	Diaz, Carol	6368
884964	12/11/2007	12/12/2007	12/15/2007	Huertas, Jamie	12/18/2007	Diaz, Carol	6368
884966	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/20/2007	Diaz, Carol	6375
884967	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/20/2007	Diaz, Carol	6375
884968	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/20/2007	Diaz, Carol	6375
884969	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/20/2007	Diaz, Carol	6375
884970	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/20/2007	Diaz, Carol	6375
884971	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/20/2007	Diaz, Carol	6375
884972	12/11/2007	12/12/2007	1/2/2007	Huertas, Jamie	1/3/2008	Masters, Melissa	6429
884973	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/18/2007	Diaz, Carol	6375
884974	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/18/2007	Diaz, Carol	6375
884975	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/18/2007	Diaz, Carol	6375
884976	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/18/2007	Diaz, Carol	6375
884977	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/18/2007	Diaz, Carol	6375
884978	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/20/2007	Diaz, Carol	6375
884980	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/20/2007	Diaz, Carol	6375
884981	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/20/2007	Diaz, Carol	6375
884982	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/20/2007	Diaz, Carol	6375
884983	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/18/2007	Diaz, Carol	6375
884984	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/18/2007	Diaz, Carol	6375
884985	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/18/2007	Diaz, Carol	6375
884986	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/20/2007	Diaz, Carol	6375

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: O729 **Site:** BP Hastings

Client: Haley & Aldrich

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
884987	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/20/2007	Diaz, Carol	6368
884988	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/20/2007	Diaz, Carol	6368
884989	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/20/2007	Diaz, Carol	6368
884992	12/11/2007	12/12/2007	12/17/2007	Alinea, Archie	12/20/2007	Diaz, Carol	6368

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in “Methods for Chemical Analysis of Water and Wastewater” (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication “Test Methods for Evaluating Solid Waste” (SW-846, 3rd Edition); samples are digested according to Method 3050B “Acid Digestion of Soil, Sediments and Sludges.”

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS –1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication “Test Methods for Evaluating Solid Waste” (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability - Method 1020A

Corrosivity - Water pH Method 9040B
Soil pH Method 9045C

Reactivity - Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release

Toxicity - TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Non-Conformance Summary

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SDG NARRATIVE

TEST AMERICA

SDG No. O729

Test America Sample	Client ID
884941	HA211-121007-1536
884942	2217-121007-1540
884943	HA211-121007-1555
884944	HA211-121007-1600
884945	2217-121007-1602
884946	HA211-121007-1623
884947	2217-121007-1625
884948	HA220-121007-1652
884949	HA220-121007-1655
884950	HA220-121007-1706
884951	HA220-121007-1710
884952	HA221-121107-0919
884953	2217-121107-0921
884954	HA221-121107-0928
884955	2217-121107-0930
884956	HA221-121107-0944
884957	HA221-121107-0946
884958	HA221-121107-1002
884959	2217-121107-1004
884960	HA222-121107-1035
884961	HA222-121107-1037
884962	HA222-121107-1111
884963	HA222-121107-1113
884964	HA222-121107-1117
884965	2217-121107-1335
884966	HA224-121107-1403
884967	HA224-121107-1420
884968	HA224-121107-1422
884969	HA224-121107-1442
884970	HA223-121107-1518
884971	2217-121107-1520
884972	HA223-121107-1615
884973	HA223-121107-1617

884974	HA223-121107-1630
884975	2217-121107-1632
884976	HA223-121107-1634
884977	HA223-121107-1636
884978	HA225A-121107-1654
884979	2217-121107-1701
884980	HA225A-121107-1705
884981	HA225A-121107-1707
884982	HA225A-121107-1710
884983	HA225A-121107-1725
884984	HA225A-121107-1738
884985	HA2038-121107-1815
884986	HA203B-121107-1818
884987	HA203B-121107-1820
884988	HA203B-121107-1830
884989	HA203B-121107-1832
884990	2217-121107-1910
884991	2217-121107-1915
884992	HA223-121107-1620

Sample Receipt:

Sample delivery conforms with requirements.

Pesticides/PCBs:

PCB QA batch 6365: MS/MSD recoveries are diluted out. (Blank spike recoveries are within Q.C. limits).

PCB QA batch 6375: MS/MSD recoveries are diluted out. (Blank spike recoveries are within Q.C. limits).

PCB sample 884975: DCB surrogate standard recovery is biased high.(PCBs all ND for this sample). Sample results reported without qualifiers.

PCB sample 884987: DCB surrogate standard recovery is biased high.(high recovery attributed to the presence of Aroclor 1262 in the sample.

I certify that the data package is in compliance with the protocols in NYSDEC ASP B both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this data package has been authorized by the Laboratory Director or their designee, as verified by the following signature.

Matt Morse 1/14/08

Matt Morse
Project Manager

GC Forms and Data

Method 8082 (PCBs) Results Summary

Client ID: **121007-1536**
Site: BP Hastings

Lab Sample ID: **884941**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426335.d
Rear File ID: vr426335.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 10.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	780	R
Aroclor-1221	ND	780	R
Aroclor-1232	ND	780	R
Aroclor-1242	ND	780	R
Aroclor-1248	4600	780	F
Aroclor-1254	ND	780	R
Aroclor-1260	ND	780	R
Aroclor-1262	14000	780	F
Aroclor-1268	ND	780	R

Client ID: **121007-1540**
Site: BP Hastings

Lab Sample ID: **884942**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i

Matrix: WATER
Sample Volume: 1000 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Front File ID: qf067716.d
Rear File ID: qr067716.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/l	Quantitation Limit Units: ug/l	Column
Aroclor-1016	ND	0.50	R
Aroclor-1221	ND	0.50	R
Aroclor-1232	ND	0.50	R
Aroclor-1242	ND	0.50	R
Aroclor-1248	ND	0.50	R
Aroclor-1254	ND	0.50	R
Aroclor-1260	ND	0.50	R
Aroclor-1262	ND	0.50	R
Aroclor-1268	ND	0.50	R

Client ID: **121007-1555**
Site: BP Hastings

Lab Sample ID: **884943**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426340.d
Rear File ID: vr426340.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 20.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	1700	R
Aroclor-1221	ND	1700	R
Aroclor-1232	ND	1700	R
Aroclor-1242	ND	1700	R
Aroclor-1248	ND	1700	R
Aroclor-1254	8900	1700	F
Aroclor-1260	ND	1700	R
Aroclor-1262	24000	1700	F
Aroclor-1268	ND	1700	R

Client ID: **121007-1600**
Site: BP Hastings

Lab Sample ID: **884944**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426341.d
Rear File ID: vr426341.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 2.0
% Moisture: 34

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	200	R
Aroclor-1221	ND	200	R
Aroclor-1232	ND	200	R
Aroclor-1242	ND	200	R
Aroclor-1248	ND	200	R
Aroclor-1254	620	200	F
Aroclor-1260	ND	200	R
Aroclor-1262	1400	200	F
Aroclor-1268	ND	200	R

Client ID: **121007-1602**
Site: BP Hastings

Lab Sample ID: **884945**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426336.d
Rear File ID: vr426336.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 5.0
% Moisture: 38

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	540	R
Aroclor-1221	ND	540	R
Aroclor-1232	ND	540	R
Aroclor-1242	ND	540	R
Aroclor-1248	ND	540	R
Aroclor-1254	4100	540	F
Aroclor-1260	ND	540	R
Aroclor-1262	9800	540	F
Aroclor-1268	ND	540	R

Client ID: **121007-1623**
Site: BP Hastings

Lab Sample ID: **884946**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426407.d
Rear File ID: vr426407.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 100.0
% Moisture: 36

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	10000	R
Aroclor-1221	ND	10000	R
Aroclor-1232	ND	10000	R
Aroclor-1242	ND	10000	R
Aroclor-1248	ND	10000	R
Aroclor-1254	60000	10000	F
Aroclor-1260	ND	10000	R
Aroclor-1262	170000	10000	F
Aroclor-1268	ND	10000	R

Client ID: **121007-1625**
Site: BP Hastings

Lab Sample ID: **884947**
Lab Job No: O729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426406.d
Rear File ID: vr426406.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 250.0
% Moisture: 33

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	25000	R
Aroclor-1221	ND	25000	R
Aroclor-1232	ND	25000	R
Aroclor-1242	ND	25000	R
Aroclor-1248	ND	25000	R
Aroclor-1254	87000	25000	F
Aroclor-1260	ND	25000	R
Aroclor-1262	370000	25000	F
Aroclor-1268	ND	25000	R

Client ID: **121007-1652**
Site: BP Hastings

Lab Sample ID: **884948**
Lab Job No: O729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426405.d
Rear File ID: vr426405.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 100.0
% Moisture: 51

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	14000	R
Aroclor-1221	ND	14000	R
Aroclor-1232	ND	14000	R
Aroclor-1242	ND	14000	R
Aroclor-1248	ND	14000	R
Aroclor-1254	ND	14000	R
Aroclor-1260	ND	14000	R
Aroclor-1262	ND	14000	R
Aroclor-1268	160000	14000	R

Client ID: **121007-1655**
Site: BP Hastings

Lab Sample ID: **884949**
Lab Job No: O729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426355.d
Rear File ID: vr426355.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 49

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	130	R
Aroclor-1221	ND	130	R
Aroclor-1232	ND	130	R
Aroclor-1242	ND	130	R
Aroclor-1248	ND	130	R
Aroclor-1254	ND	130	R
Aroclor-1260	ND	130	R
Aroclor-1262	480	130	F
Aroclor-1268	ND	130	R

Client ID: **121007-1706**
Site: BP Hastings

Lab Sample ID: **884950**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426286.d
Rear File ID: vr426286.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 42

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	ND	110	R
Aroclor-1268	ND	110	R

Client ID: **121007-1710**
Site: BP Hastings

Lab Sample ID: **884951**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426287.d
Rear File ID: vr426287.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 34

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	100	R
Aroclor-1221	ND	100	R
Aroclor-1232	ND	100	R
Aroclor-1242	ND	100	R
Aroclor-1248	ND	100	R
Aroclor-1254	ND	100	R
Aroclor-1260	ND	100	R
Aroclor-1262	ND	100	R
Aroclor-1268	ND	100	R

Client ID: **121107-0919**
Site: BP Hastings

Lab Sample ID: **884952**
Lab Job No: 0729

Date Sampled: 12/10/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426357.d
Rear File ID: vr426357.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 58

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	160	R
Aroclor-1221	ND	160	R
Aroclor-1232	ND	160	R
Aroclor-1242	ND	160	R
Aroclor-1248	ND	160	R
Aroclor-1254	310	160	F
Aroclor-1260	ND	160	R
Aroclor-1262	360	160	F
Aroclor-1268	ND	160	R

Client ID: **2217-121107-0921**
Site: BP Hastings

Lab Sample ID: **884953**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426359.d
Rear File ID: vr426359.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 55

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	150	R
Aroclor-1221	ND	150	R
Aroclor-1232	ND	150	R
Aroclor-1242	ND	150	R
Aroclor-1248	ND	150	R
Aroclor-1254	280	150	R
Aroclor-1260	ND	150	R
Aroclor-1262	270	150	F
Aroclor-1268	ND	150	R

Client ID: **121107-0928**
Site: BP Hastings

Lab Sample ID: **884954**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426365.d
Rear File ID: vr426365.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 42

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	120	R
Aroclor-1221	ND	120	R
Aroclor-1232	ND	120	R
Aroclor-1242	ND	120	R
Aroclor-1248	ND	120	R
Aroclor-1254	ND	120	R
Aroclor-1260	ND	120	R
Aroclor-1262	ND	120	R
Aroclor-1268	ND	120	R

Client ID: **121107-0930**
Site: BP Hastings

Lab Sample ID: **884955**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/17/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426246.d
Rear File ID: vr426246.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 41

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	ND	110	R
Aroclor-1268	ND	110	R

Client ID: **121107-0944**
Site: BP Hastings

Lab Sample ID: **884956**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/17/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426248.d
Rear File ID: vr426248.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 22

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	85	R
Aroclor-1221	ND	85	R
Aroclor-1232	ND	85	R
Aroclor-1242	ND	85	R
Aroclor-1248	400	85	F
Aroclor-1254	ND	85	R
Aroclor-1260	ND	85	R
Aroclor-1262	450	85	F
Aroclor-1268	ND	85	R

Client ID: **121107-0946**
Site: BP Hastings

Lab Sample ID: **884957**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/17/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426249.d
Rear File ID: vr426249.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 52

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	140	R
Aroclor-1221	ND	140	R
Aroclor-1232	ND	140	R
Aroclor-1242	ND	140	R
Aroclor-1248	930	140	F
Aroclor-1254	ND	140	R
Aroclor-1260	ND	140	R
Aroclor-1262	830	140	F
Aroclor-1268	ND	140	R

Client ID: **121107-1002**
Site: BP Hastings

Lab Sample ID: **884958**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426288.d
Rear File ID: vr426288.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 40

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	ND	110	R
Aroclor-1268	ND	110	R

Client ID: **2217-121107-1004**
Site: BP Hastings

Lab Sample ID: **884959**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426289.d
Rear File ID: vr426289.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 43

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	120	R
Aroclor-1221	ND	120	R
Aroclor-1232	ND	120	R
Aroclor-1242	ND	120	R
Aroclor-1248	ND	120	R
Aroclor-1254	ND	120	R
Aroclor-1260	ND	120	R
Aroclor-1262	ND	120	R
Aroclor-1268	ND	120	R

Client ID: **121107-1035**
Site: BP Hastings

Lab Sample ID: **884960**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426290.d
Rear File ID: vr426290.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 47

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	130	R
Aroclor-1221	ND	130	R
Aroclor-1232	ND	130	R
Aroclor-1242	ND	130	R
Aroclor-1248	ND	130	R
Aroclor-1254	ND	130	R
Aroclor-1260	ND	130	R
Aroclor-1262	ND	130	R
Aroclor-1268	ND	130	R

Client ID: **121107-1037**
Site: BP Hastings

Lab Sample ID: **884961**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426291.d
Rear File ID: vr426291.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 50

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	130	R
Aroclor-1221	ND	130	R
Aroclor-1232	ND	130	R
Aroclor-1242	ND	130	R
Aroclor-1248	ND	130	R
Aroclor-1254	ND	130	R
Aroclor-1260	ND	130	R
Aroclor-1262	ND	130	R
Aroclor-1268	ND	130	R

Client ID: **121107-1111**
Site: BP Hastings

Lab Sample ID: **884962**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426292.d
Rear File ID: vr426292.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 46

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	120	R
Aroclor-1221	ND	120	R
Aroclor-1232	ND	120	R
Aroclor-1242	ND	120	R
Aroclor-1248	ND	120	R
Aroclor-1254	ND	120	R
Aroclor-1260	ND	120	R
Aroclor-1262	ND	120	R
Aroclor-1268	ND	120	R

Client ID: **121107-1113**
Site: BP Hastings

Lab Sample ID: **884963**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426293.d
Rear File ID: vr426293.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 47

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	130	R
Aroclor-1221	ND	130	R
Aroclor-1232	ND	130	R
Aroclor-1242	ND	130	R
Aroclor-1248	ND	130	R
Aroclor-1254	ND	130	R
Aroclor-1260	ND	130	R
Aroclor-1262	230	130	R
Aroclor-1268	ND	130	R

Client ID: **121107-1117**
Site: BP Hastings

Lab Sample ID: **884964**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/15/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426294.d
Rear File ID: vr426294.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 41

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	ND	110	R
Aroclor-1268	ND	110	R

Client ID: **2217-121107-1335**
Site: BP Hastings

Lab Sample ID: **884965**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i

Matrix: WATER
Sample Volume: 1000 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Front File ID: qf067717.d
Rear File ID: qr067717.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/l	Quantitation Limit Units: ug/l	Column
Aroclor-1016	ND	0.50	R
Aroclor-1221	ND	0.50	R
Aroclor-1232	ND	0.50	R
Aroclor-1242	ND	0.50	R
Aroclor-1248	ND	0.50	R
Aroclor-1254	ND	0.50	R
Aroclor-1260	ND	0.50	R
Aroclor-1262	ND	0.50	R
Aroclor-1268	ND	0.50	R

Client ID: **121107-1403**
Site: BP Hastings

Lab Sample ID: **884966**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067764.d
Rear File ID: qr067764.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 10.0
% Moisture: 46

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	1200	R
Aroclor-1221	ND	1200	R
Aroclor-1232	ND	1200	R
Aroclor-1242	ND	1200	R
Aroclor-1248	ND	1200	R
Aroclor-1254	ND	1200	R
Aroclor-1260	ND	1200	R
Aroclor-1262	17000	1200	F
Aroclor-1268	ND	1200	R

Client ID: **121107-1420**
Site: BP Hastings

Lab Sample ID: **884967**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067766.d
Rear File ID: qr067766.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 100.0
% Moisture: 50

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	13000	R
Aroclor-1221	ND	13000	R
Aroclor-1232	ND	13000	R
Aroclor-1242	ND	13000	R
Aroclor-1248	ND	13000	R
Aroclor-1254	ND	13000	R
Aroclor-1260	ND	13000	R
Aroclor-1262	170000	13000	R
Aroclor-1268	ND	13000	R

Client ID: **121107-1422**
Site: BP Hastings

Lab Sample ID: **884968**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067768.d
Rear File ID: qr067768.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 250.0
% Moisture: 48

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	32000	R
Aroclor-1221	ND	32000	R
Aroclor-1232	ND	32000	R
Aroclor-1242	ND	32000	R
Aroclor-1248	ND	32000	R
Aroclor-1254	ND	32000	R
Aroclor-1260	ND	32000	R
Aroclor-1262	250000	32000	F
Aroclor-1268	ND	32000	R

Client ID: **121107-1442**
Site: BP Hastings

Lab Sample ID: **884969**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067770.d
Rear File ID: qr067770.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 50.0
% Moisture: 41

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	5700	R
Aroclor-1221	ND	5700	R
Aroclor-1232	ND	5700	R
Aroclor-1242	ND	5700	R
Aroclor-1248	ND	5700	R
Aroclor-1254	ND	5700	R
Aroclor-1260	ND	5700	R
Aroclor-1262	56000	5700	F
Aroclor-1268	ND	5700	R

Client ID: **121107-1518**
Site: BP Hastings

Lab Sample ID: **884970**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067773.d
Rear File ID: qr067773.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 48

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	130	R
Aroclor-1221	ND	130	R
Aroclor-1232	ND	130	R
Aroclor-1242	ND	130	R
Aroclor-1248	ND	130	R
Aroclor-1254	ND	130	R
Aroclor-1260	ND	130	R
Aroclor-1262	1500	130	F
Aroclor-1268	ND	130	R

Client ID: **2217-121107-1520**
Site: BP Hastings

Lab Sample ID: **884971**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067774.d
Rear File ID: qr067774.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 48

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	130	R
Aroclor-1221	ND	130	R
Aroclor-1232	ND	130	R
Aroclor-1242	ND	130	R
Aroclor-1248	ND	130	R
Aroclor-1254	ND	130	R
Aroclor-1260	ND	130	R
Aroclor-1262	570	130	F
Aroclor-1268	ND	130	R

Client ID: **121107-1615**
Site: BP Hastings

Lab Sample ID: **884972**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067660.d
Rear File ID: qr067660.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 40

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	970	110	F
Aroclor-1268	ND	110	R

Client ID: **121107-1617**
Site: BP Hastings

Lab Sample ID: **884973**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067661.d
Rear File ID: qr067661.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 39

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	420	110	R
Aroclor-1268	ND	110	R

Client ID: **121107-1630**
Site: BP Hastings

Lab Sample ID: **884974**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067662.d
Rear File ID: qr067662.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 43

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	120	R
Aroclor-1221	ND	120	R
Aroclor-1232	ND	120	R
Aroclor-1242	ND	120	R
Aroclor-1248	ND	120	R
Aroclor-1254	ND	120	R
Aroclor-1260	ND	120	R
Aroclor-1262	ND	120	R
Aroclor-1268	ND	120	R

Client ID: **2217-121107-1632**
Site: BP Hastings

Lab Sample ID: **884975**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067663.d
Rear File ID: qr067663.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 43

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	120	R
Aroclor-1221	ND	120	R
Aroclor-1232	ND	120	R
Aroclor-1242	ND	120	R
Aroclor-1248	ND	120	R
Aroclor-1254	ND	120	R
Aroclor-1260	ND	120	R
Aroclor-1262	ND	120	R
Aroclor-1268	ND	120	R

Client ID: **121107-1634**
Site: BP Hastings

Lab Sample ID: **884976**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067664.d
Rear File ID: qr067664.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 40

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	ND	110	R
Aroclor-1268	ND	110	R

Client ID: **121107-1636**
Site: BP Hastings

Lab Sample ID: **884977**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067665.d
Rear File ID: qr067665.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 42

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	ND	110	R
Aroclor-1268	ND	110	R

Client ID: **121107-1654**
Site: BP Hastings

Lab Sample ID: **884978**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067760.d
Rear File ID: qr067760.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 10.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	780	R
Aroclor-1221	ND	780	R
Aroclor-1232	ND	780	R
Aroclor-1242	ND	780	R
Aroclor-1248	ND	780	R
Aroclor-1254	ND	780	R
Aroclor-1260	ND	780	R
Aroclor-1262	16000	780	F
Aroclor-1268	ND	780	R

Client ID: **2217-121107-1701**
Site: BP Hastings

Lab Sample ID: **884979**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i

Matrix: WATER
Sample Volume: 1000 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Front File ID: qf067718.d
Rear File ID: qr067718.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/l	Quantitation Limit Units: ug/l	Column
Aroclor-1016	ND	0.50	R
Aroclor-1221	ND	0.50	R
Aroclor-1232	ND	0.50	R
Aroclor-1242	ND	0.50	R
Aroclor-1248	ND	0.50	R
Aroclor-1254	ND	0.50	R
Aroclor-1260	ND	0.50	R
Aroclor-1262	ND	0.50	R
Aroclor-1268	ND	0.50	R

Client ID: **121107-1705**
Site: BP Hastings

Lab Sample ID: **884980**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067775.d
Rear File ID: qr067775.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 500.0
% Moisture: 37

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	53000	R
Aroclor-1221	ND	53000	R
Aroclor-1232	ND	53000	R
Aroclor-1242	ND	53000	R
Aroclor-1248	ND	53000	R
Aroclor-1254	ND	53000	R
Aroclor-1260	ND	53000	R
Aroclor-1262	400000	53000	R
Aroclor-1268	ND	53000	R

Client ID: **121107-1707**
Site: BP Hastings

Lab Sample ID: **884981**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067778.d
Rear File ID: qr067778.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 5.0
% Moisture: 43

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	590	R
Aroclor-1221	ND	590	R
Aroclor-1232	ND	590	R
Aroclor-1242	ND	590	R
Aroclor-1248	ND	590	R
Aroclor-1254	ND	590	R
Aroclor-1260	ND	590	R
Aroclor-1262	5800	590	R
Aroclor-1268	ND	590	R

Client ID: **121107-1710**
Site: BP Hastings

Lab Sample ID: **884982**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067779.d
Rear File ID: qr067779.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 41

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	ND	110	R
Aroclor-1268	ND	110	R

Client ID: **121107-1725**
Site: BP Hastings

Lab Sample ID: **884983**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067671.d
Rear File ID: qr067671.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 51

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	140	R
Aroclor-1221	ND	140	R
Aroclor-1232	ND	140	R
Aroclor-1242	ND	140	R
Aroclor-1248	ND	140	R
Aroclor-1254	ND	140	R
Aroclor-1260	ND	140	R
Aroclor-1262	1600	140	F
Aroclor-1268	ND	140	R

Client ID: **121107-1738**
Site: BP Hastings

Lab Sample ID: **884984**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067672.d
Rear File ID: qr067672.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 39

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	310	110	R
Aroclor-1268	ND	110	R

Client ID: **121107-1815**
Site: BP Hastings

Lab Sample ID: **884985**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067673.d
Rear File ID: qr067673.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 58

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	160	R
Aroclor-1221	ND	160	R
Aroclor-1232	ND	160	R
Aroclor-1242	ND	160	R
Aroclor-1248	ND	160	R
Aroclor-1254	ND	160	R
Aroclor-1260	ND	160	R
Aroclor-1262	260	160	R
Aroclor-1268	ND	160	R

Client ID: **121107-1818**
Site: BP Hastings

Lab Sample ID: **884986**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067780.d
Rear File ID: qr067780.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 5.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	400	R
Aroclor-1221	ND	400	R
Aroclor-1232	ND	400	R
Aroclor-1242	ND	400	R
Aroclor-1248	ND	400	R
Aroclor-1254	ND	400	R
Aroclor-1260	ND	400	R
Aroclor-1262	4800	400	F
Aroclor-1268	ND	400	R

Client ID: **121107-1820**
Site: BP Hastings

Lab Sample ID: **884987**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067781.d
Rear File ID: qr067781.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 5.0
% Moisture: 45

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	610	R
Aroclor-1221	ND	610	R
Aroclor-1232	ND	610	R
Aroclor-1242	ND	610	R
Aroclor-1248	ND	610	R
Aroclor-1254	ND	610	R
Aroclor-1260	ND	610	R
Aroclor-1262	11000	610	F
Aroclor-1268	ND	610	R

Client ID: **121107-1830**
Site: BP Hastings

Lab Sample ID: **884988**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067782.d
Rear File ID: qr067782.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 20.0
% Moisture: 47

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	2500	R
Aroclor-1221	ND	2500	R
Aroclor-1232	ND	2500	R
Aroclor-1242	ND	2500	R
Aroclor-1248	ND	2500	R
Aroclor-1254	ND	2500	R
Aroclor-1260	ND	2500	R
Aroclor-1262	37000	2500	R
Aroclor-1268	ND	2500	R

Client ID: **121107-1832**
Site: BP Hastings

Lab Sample ID: **884989**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067783.d
Rear File ID: qr067783.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 20.0
% Moisture: 46

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	2500	R
Aroclor-1221	ND	2500	R
Aroclor-1232	ND	2500	R
Aroclor-1242	ND	2500	R
Aroclor-1248	ND	2500	R
Aroclor-1254	ND	2500	R
Aroclor-1260	ND	2500	R
Aroclor-1262	43000	2500	R
Aroclor-1268	ND	2500	R

Client ID: **2217-121107-1910**
Site: BP Hastings

Lab Sample ID: **884990**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i

Matrix: WATER
Sample Volume: 1000 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Front File ID: qf067719.d
Rear File ID: qr067719.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/l	Quantitation Limit Units: ug/l	Column
Aroclor-1016	ND	0.50	R
Aroclor-1221	ND	0.50	R
Aroclor-1232	ND	0.50	R
Aroclor-1242	ND	0.50	R
Aroclor-1248	ND	0.50	R
Aroclor-1254	ND	0.50	R
Aroclor-1260	ND	0.50	R
Aroclor-1262	ND	0.50	R
Aroclor-1268	ND	0.50	R

Client ID: **2217-121107-1915**
Site: BP Hastings

Lab Sample ID: **884991**
Lab Job No: O729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/14/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i

Matrix: WATER
Sample Volume: 1000 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Front File ID: qf067720.d
Rear File ID: qr067720.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/l	Quantitation Limit Units: ug/l	Column
Aroclor-1016	ND	0.50	R
Aroclor-1221	ND	0.50	R
Aroclor-1232	ND	0.50	R
Aroclor-1242	ND	0.50	R
Aroclor-1248	ND	0.50	R
Aroclor-1254	ND	0.50	R
Aroclor-1260	ND	0.50	R
Aroclor-1262	ND	0.50	R
Aroclor-1268	ND	0.50	R

Client ID: **121107-1620**
Site: BP Hastings

Lab Sample ID: **884992**
Lab Job No: 0729

Date Sampled: 12/11/07
Date Received: 12/12/07
Date Extracted: 12/17/07
Date Analyzed: 12/20/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067785.d
Rear File ID: qr067785.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 41

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	110	R
Aroclor-1221	ND	110	R
Aroclor-1232	ND	110	R
Aroclor-1242	ND	110	R
Aroclor-1248	ND	110	R
Aroclor-1254	ND	110	R
Aroclor-1260	ND	110	R
Aroclor-1262	ND	110	R
Aroclor-1268	ND	110	R

QA Summary

GC ORGANICS SURROGATE RECOVERY

Matrix: SOIL Level: LOW Lab Job No: 0729

	LABORATORY SAMPLE NO.	S1 1 %REC #	S1 2 %REC #	TOT OUT
01	SP349	121	114	0
02	6368BS	60		0
03	884955	78		0
04	884956	76	116	0
05	884957	89	104	0
06	SP348D	105	106	0
07	6365BS	110		0
08	884950	83		0
09	884951	83		0
10	884958	103		0
11	884959	105		0
12	884960	138		0
13	884961	137		0
14	884962	100		0
15	884963	100	128	0
16	884964	118		0
17	884964MS	114		0
18	884964MSD	113		0
19	SP351X	117	112	0
20	884972	101		0
21	884973	60	107	0
22	884974	66		0
23	884975	61		0
24	884976	78		0
25	884977	88		0
26	884983	96	160*	1
27	884984	140	104	0
28	884985	111	145	0
29	SP351Y	121	104	0
30	SP351YBS	111		0

		ADVISORY QC LIMITS
S1	= Decachlorobiphenyl(sur	(60-151)

Column to be used to flag recovery values
* Values outside of advisory QC limits
D Surrogate diluted out
R Surrogate removed during H2SO4 cleanup procedure
** Not detected due to coeluting interference

GC ORGANICS SURROGATE RECOVERY

Matrix: SOIL Level: LOW Lab Job No: 0729

	LABORATORY SAMPLE NO.	S1 1 %REC #	S1 2 %REC #	TOT OUT
01	884941	0D	0D	0
02	884945	513*	357*	2
03	884946MS	0D		0
04	884946MSD	0D		0
05	884943	0D	0D	0
06	884944	110	106	0
07	884949	114	110	0
08	884952	92	88	0
09	884953	95	86	0
10	884954	88		0
11	884948	0D	0D	0
12	884947	0D	0D	0
13	884946	0D	0D	0
14	884978	0D	0D	0
15	884978MS	0D		0
16	884978MSD	0D		0
17	884966	0D	0D	0
18	884967	0D	0D	0
19	884968	0D	0D	0
20	884969	0D	0D	0
21	884970	127	128	0
22	884971	139	130	0
23	884980	0D	0D	0
24	884981	218*	219*	2
25	884982	228*	137	1
26	884986	373*	266*	2
27	884987	174*	190*	2
28	884988	0D	0D	0
29	884989	0D	0D	0
30	884992	108		0
31	884972MS	97		0
32	884972MSD	96		0
33	SP002W	104	132	0
34	6429BS	108		0

		ADVISORY QC LIMITS
S1	= Decachlorobiphenyl(sur	(60-151)

Column to be used to flag recovery values
* Values outside of advisory QC limits
D Surrogate diluted out
R Surrogate removed during H2SO4 cleanup procedure
** Not detected due to coeluting interference

GC ORGANICS SURROGATE RECOVERY

Matrix: WATER Level: LOW Lab Job No: 0729

	LABORATORY SAMPLE NO.	S1 1 %REC	#	S1 2 %REC	#	TOT OUT
01	6362BS	65				0
02	884942	56				0
03	884965	60				0
04	884979	72				0
05	884990	54				0
06	884991	66				0
07	WP348A	87				0
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

ADVISORY
QC LIMITS

S1 = Decachlorobiphenyl(sur (32-134)

Column to be used to flag recovery values
* Values outside of advisory QC limits
D Surrogate diluted out
R Surrogate removed during H2SO4 cleanup procedure
** Not detected due to coeluting interference

GC BLANK SPIKE RECOVERY
METHOD 8082

QA Batch: 6365

Compound	SPIKE ADDED (ug/kg)	BS CONCENTRATION (ug/kg)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	330	400	121	70-160
Aroclor-1260	330	430	130	42-186

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 2 outside limits

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8082

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 884946

MS Sample from Lab Job No: 0729

QA Batch: 6365

Compound	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	520	0.00	0.00	D	70-160
Aroclor-1260	520	220000**	93000	D	42-186

Compound	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	520	0.00	D	n/a	29	70-160
Aroclor-1260	520	330000	D	n/a	24	42-186

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
** Non-target coeluting interference
D Diluted out
RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 4 outside limits

COMMENTS: Blank spike recoveries within Q.C.limts.

GC BLANK SPIKE RECOVERY
METHOD 8082

QA Batch: 6368

Compound	SPIKE ADDED (ug/kg)	BS CONCENTRATION (ug/kg)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	670	730	109	70-160
Aroclor-1260	670	760	113	42-186

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 2 outside limits

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8082

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 884964

MS Sample from Lab Job No: 0729

QA Batch: 6368

Compound	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	1100	140	1200	96	70-160
Aroclor-1260	1100	12	1200	108	42-186

Compound	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	1100	1200	96	0	29	70-160
Aroclor-1260	1100	1300	117	8	24	42-186

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 4 outside limits

COMMENTS: _____

GC BLANK SPIKE RECOVERY
METHOD 8082

QA Batch: sp351ybs

Compound	SPIKE ADDED (ug/kg)	BS CONCENTRATION (ug/kg)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	330	440	133	70-160
Aroclor-1260	330	430	130	42-186

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 2 outside limits

GC BLANK SPIKE RECOVERY
METHOD 8082

QA Batch: 6375

Compound	SPIKE ADDED (ug/kg)	BS CONCENTRATION (ug/kg)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	330	410	124	70-160
Aroclor-1260	330	430	130	42-186

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 2 outside limits

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8082

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 884978

MS Sample from Lab Job No: 0729

QA Batch: 6375

Compound	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	390	3000**	4300	D	70-160
Aroclor-1260	390	32000**	50000	D	42-186

Compound	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	390	4300	D	n/a	29	70-160
Aroclor-1260	390	53000	D	n/a	24	42-186

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
** Non-target Co-eluting interference.
RPD: 0 out of 2 outside limits
Spike Recovery: 4 out of 4 outside limits

COMMENTS: Blank spike within QC limits

GC BLANK SPIKE RECOVERY
METHOD 8082

QA Batch: 6429

Compound	SPIKE ADDED (ug/kg)	BS CONCENTRATION (ug/kg)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	330	350	106	58-158
Aroclor-1260	330	340	103	66-150

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 2 outside limits

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8082

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 884972

MS Sample from Lab Job No: 0729

QA Batch: 6429

Compound	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	550	0.00	520	95	58-158
Aroclor-1260	550	290+	720	78	66-150

Compound	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	550	550	100	6	17	58-158
Aroclor-1260	550	780	89	13	17	66-150

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
+ Non-target coeluting interference
RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 4 outside limits

COMMENTS: _____

GC BLANK SPIKE RECOVERY
METHOD 8082

QA Batch: 6362

Compound	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	5.0	5.6	112 *	67-111
Aroclor-1260	5.0	6.3	126 *	66-123

Column to be used to flag recovery values with an asterik

Spike Recovery: 2 out of 2 outside limits

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8082

Matrix: WATER

Level: LOW

Matrix Spike - Lab Sample No.: 885321

MS Sample from Lab Job No: O779

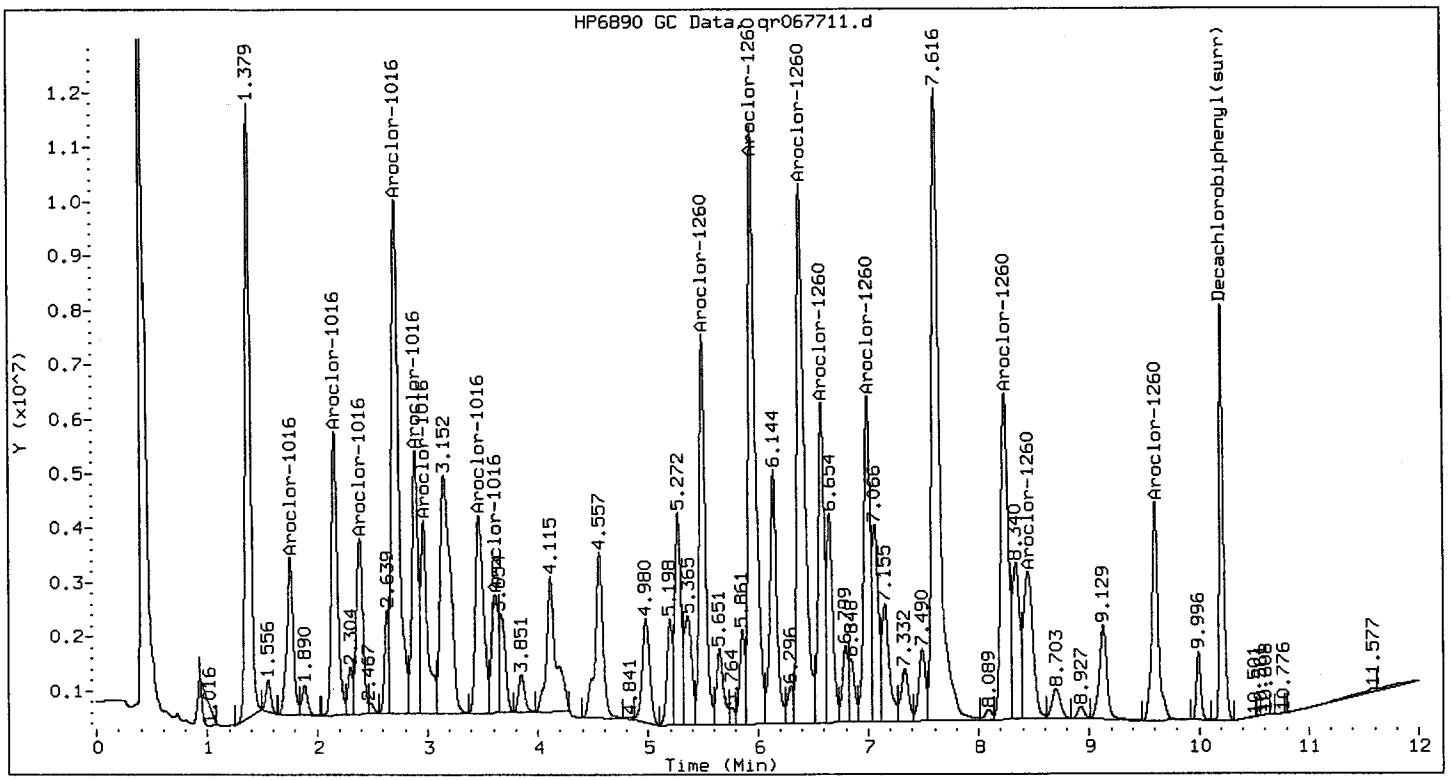
QA Batch: 6362

Compound	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	5.0	0.00	4.6	92	70-160
Aroclor-1260	5.0	0.00	5.8	116	42-186

Compound	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	5.0	4.5	90	2	29	70-160
Aroclor-1260	5.0	5.7	114	2	24	42-186

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 4 outside limits

COMMENTS: _____



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m
Sample Info : 6362bs;bs62087
Lab ID : 6362BS
Inj Date : 19-DEC-2007 04:55
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: BS

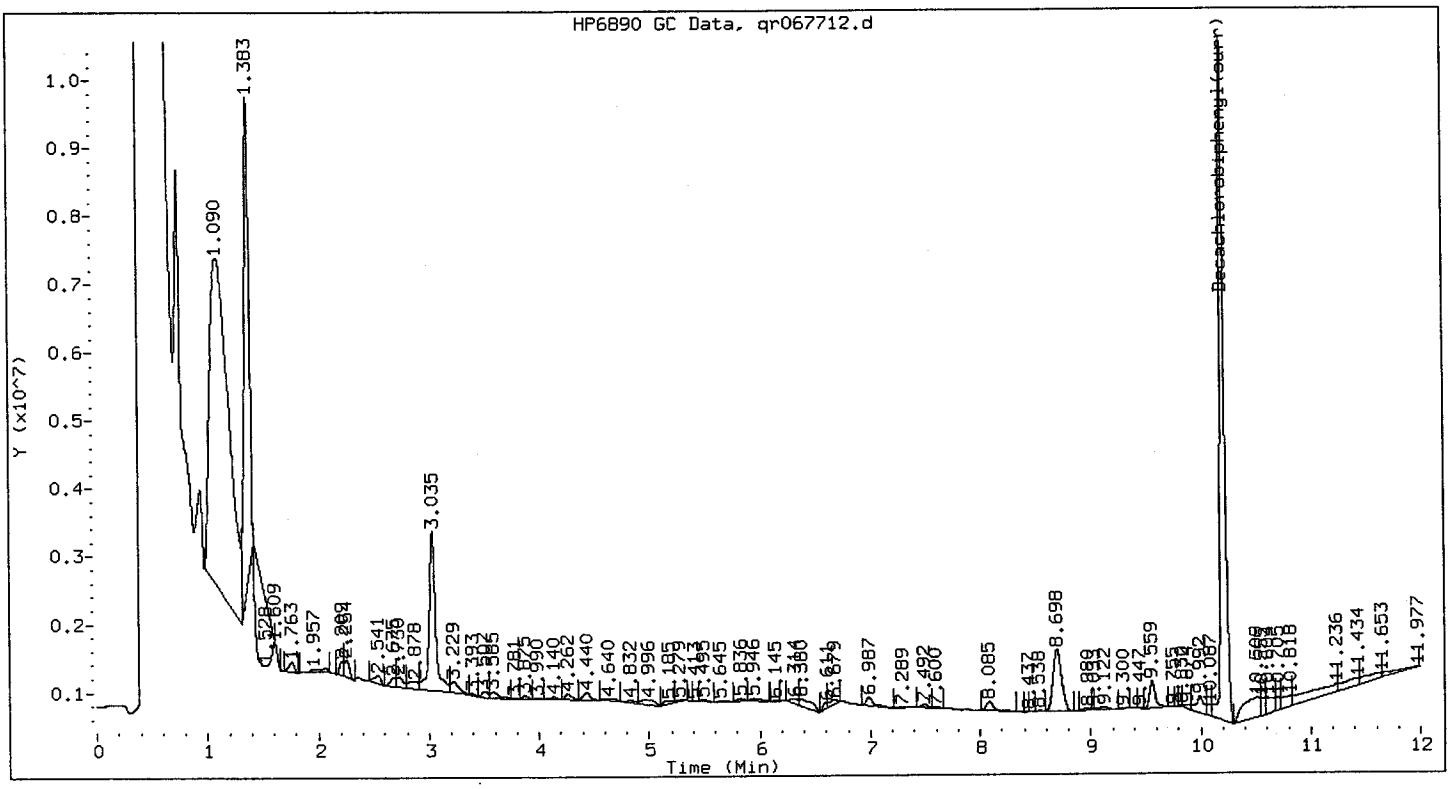
12/20/07

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/L)
Aroclor-1016	(M)	1.759	1.759	0.000	11713908	1132.648	5.663
(2)		2.160	2.159	0.001	19765641	1040.239	5.201
(3)		2.390	2.388	0.001	13692197	1078.732	5.394
(4)		2.718	2.717	0.001	43764414	1079.272	5.396
(5)		2.892	2.892	0.000	17980067	1137.235	5.686
(6)		2.966	2.967	0.000	15059871	1274.579	6.373
(7)		3.470	3.469	0.001	18497377	1117.424	5.587
(8)		3.616	3.616	0.000	9559297	1194.748	5.974
Average of peak concentrations:							5.60
Aroclor-1260		5.497	5.497	0.001	28540284	1259.089	6.295
(2)		5.949	5.948	0.000	49804050	1231.085	6.155
(3)		6.388	6.388	0.000	47831615	1269.363	6.347
(4)		6.579	6.578	0.001	22362436	1125.936	5.630
(5)		6.997	6.997	0.001	24722981	1286.258	6.431
(6)		8.241	8.240	0.001	29264311	1257.361	6.287

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/L)
(7)	8.449	8.449	0.000	16465451	1175.425	5.877
(8)	9.606	9.606	0.000	16310833	1435.900	7.179
Average of peak concentrations:						6.30
Decachlorobiphenyl(surr)	10.207	10.207	0.001	19965331	65.145	0.326

COMMENTS:

M - Compound response manually integrated.

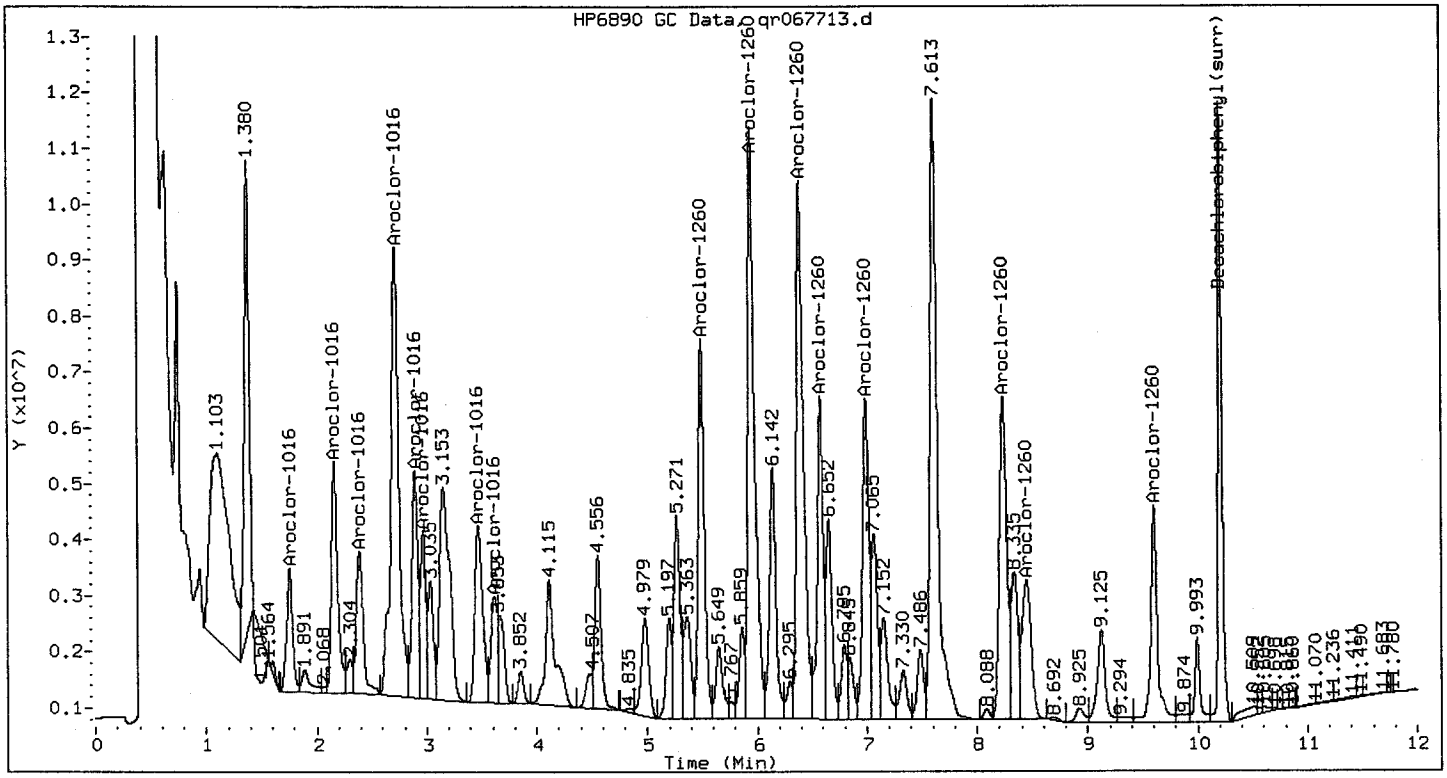


Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m
Sample Info : 885321;4047671
Lab ID : 885321
Inj Date : 19-DEC-2007 05:10
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: SAMPLE

12/20/07

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/L)
Decachlorobiphenyl(surr)	10.206	10.207	0.000	28153067	91.861	0.459



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m
Sample Info : 885321ms;4050774
Lab ID : 885321MS
Inj Date : 19-DEC-2007 05:26
Operator : 615
Cpnd Sublist: PCB8082+

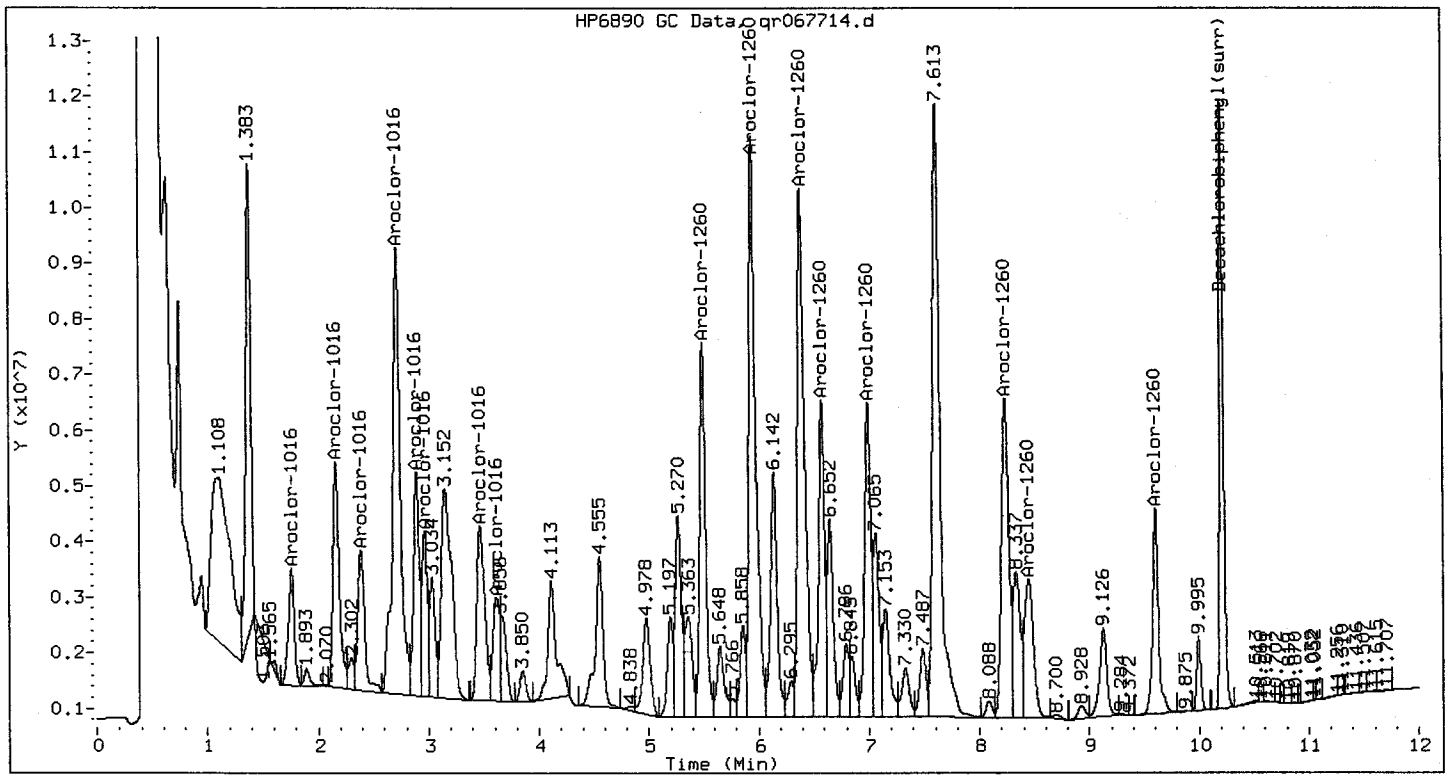
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: MS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/L)
Aroclor-1016	(M)	1.760	1.759	0.000	8422035	814.348	4.072
(2)		2.161	2.159	0.002	16851188	886.856	4.434
(3)		2.390	2.388	0.002	11543234	909.427	4.547
(4)		2.720	2.717	0.003	40365000	995.439	4.977
(5)		2.893	2.892	0.001	15074321	953.447	4.767
(6)		2.968	2.967	0.001	9947294	841.881	4.209
(7)		3.471	3.469	0.002	15816820	955.492	4.777
(8)		3.617	3.616	0.001	7924106	990.377	4.952
Average of peak concentrations:							4.60
Aroclor-1260		5.495	5.497	0.001	25872961	1141.417	5.707
(2)		5.947	5.948	0.001	45736377	1130.538	5.653
(3)		6.385	6.388	0.002	43602632	1157.134	5.786
(4)		6.576	6.578	0.001	22328470	1124.226	5.621
(5)		6.995	6.997	0.002	22792544	1185.824	5.929
(6)		8.236	8.240	0.004	27021462	1160.996	5.805

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/L)
(7)	8.445	8.449	0.004	14403922	1028.258	5.141
(8)	9.603	9.606	0.003	15901093	1399.829	6.999
Average of peak concentrations:						5.80
Decachlorobiphenyl(surr)	10.205	10.207	0.001	27759097	90.576	0.453

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m
Sample Info : 885321sd;4050775
Lab ID : 885321MSD
Inj Date : 19-DEC-2007 05:41
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: MSD

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/L)
Aroclor-1016	(M)	1.761	1.759	0.002	7945246	768.246	3.841
(2)		2.162	2.159	0.003	16079871	846.262	4.231
(3)		2.391	2.388	0.003	11193786	881.896	4.409
(4)		2.718	2.717	0.002	40356899	995.239	4.976
(5)		2.893	2.892	0.001	14975627	947.205	4.736
(6)		2.967	2.967	0.000	9848946	833.557	4.168
(7)		3.468	3.469	0.001	15744675	951.134	4.756
(8)		3.615	3.616	0.001	8295817	1036.835	5.184
Average of peak concentrations:							4.50
Aroclor-1260		5.495	5.497	0.002	26064840	1149.882	5.749
(2)		5.947	5.948	0.002	46073556	1138.872	5.694
(3)		6.385	6.388	0.002	43512037	1154.729	5.774
(4)		6.577	6.578	0.001	22212268	1118.375	5.592
(5)		6.995	6.997	0.002	22712234	1181.645	5.908
(6)		8.238	8.240	0.002	26895728	1155.593	5.778

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/L)
(7)	8.446	8.449	0.003	14369537	1025.803	5.129
(8)	9.604	9.606	0.002	13621670	1199.163	5.996
Average of peak concentrations:						5.70
Decachlorobiphenyl(surr)	10.208	10.207	0.001	26411728	86.179	0.431

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS METHOD BLANK SUMMARY

LAB SAMPLE NO.

SP002W

Matrix: SOIL

Level: LOW

Instrument ID: PESTGC7

Date Analyzed: 01/03/08

Time Analyzed: 1151

Lab File ID: OR055683

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	121107-1615	884972	or055680.d	01/03/08
02	121107-1615M	884972MS	or055681.d	01/03/08
03	121107-1615M	884972MSD	or055682.d	01/03/08
04	6429BS	6429BS	or055684.d	01/03/08
05				
06				
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COMMENTS:

Client ID: **SP002W**
Site:

Lab Sample ID: **SP002W**
Lab Job No: O729

Date Sampled: _____
Date Received: _____
Date Extracted: 01/02/08
Date Analyzed: 01/03/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC7.i
Front File ID: of055683.d
Rear File ID: or055683.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 0

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	67	R
Aroclor-1221	ND	67	R
Aroclor-1232	ND	67	R
Aroclor-1242	ND	67	R
Aroclor-1248	ND	67	R
Aroclor-1254	ND	67	R
Aroclor-1260	ND	67	R
Aroclor-1262	ND	67	R
Aroclor-1268	ND	67	R

GC ORGANICS METHOD BLANK SUMMARY

LAB SAMPLE NO.

SP351X

Matrix: SOIL

Level: LOW

Instrument ID: PESTGC8

Date Analyzed: 12/18/07

Time Analyzed: 0729

Lab File ID: QR067649

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	6375BS	6375BS	qr067650.d	12/18/07
02	121107-1615	884972	qr067660.d	12/18/07
03	121107-1617	884973	qr067661.d	12/18/07
04	121107-1630	884974	qr067662.d	12/18/07
05	2217-121107-	884975	qr067663.d	12/18/07
06	121107-1634	884976	qr067664.d	12/18/07
07	121107-1636	884977	qr067665.d	12/18/07
08	121107-1725	884983	qr067671.d	12/18/07
09	121107-1738	884984	qr067672.d	12/18/07
10	121107-1815	884985	qr067673.d	12/18/07
11	121107-1654	884978	qr067760.d	12/20/07
12	121107-1654M	884978MS	qr067761.d	12/20/07
13	121107-1654M	884978MSD	qr067762.d	12/20/07
14	121107-1403	884966	qr067764.d	12/20/07
15	121107-1420	884967	qr067766.d	12/20/07
16	121107-1422	884968	qr067768.d	12/20/07
17	121107-1442	884969	qr067770.d	12/20/07
18	121107-1518	884970	qr067773.d	12/20/07
19	2217-121107-	884971	qr067774.d	12/20/07
20	121107-1705	884980	qr067775.d	12/20/07
21	121107-1707	884981	qr067778.d	12/20/07
22	121107-1710	884982	qr067779.d	12/20/07
23	121107-1818	884986	qr067780.d	12/20/07
24				
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COMMENTS:

Client ID: **SP351X**
Site:

Lab Sample ID: **SP351X**
Lab Job No: 0729

Date Sampled: _____
Date Received: _____
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067649.d
Rear File ID: qr067649.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 0

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	67	R
Aroclor-1221	ND	67	R
Aroclor-1232	ND	67	R
Aroclor-1242	ND	67	R
Aroclor-1248	ND	67	R
Aroclor-1254	ND	67	R
Aroclor-1260	ND	67	R
Aroclor-1262	ND	67	R
Aroclor-1268	ND	67	R

GC ORGANICS METHOD BLANK SUMMARY

LAB SAMPLE NO.

SP351Y

Matrix: SOIL

Level: LOW

Instrument ID: PESTGC8

Date Analyzed: 12/18/07

Time Analyzed: 1523

Lab File ID: QR067675

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SP351YBS	SP351YBS	qr067676.d	12/18/07
02	121107-1820	884987	qr067781.d	12/20/07
03	121107-1830	884988	qr067782.d	12/20/07
04	121107-1832	884989	qr067783.d	12/20/07
05	121107-1620	884992	qr067785.d	12/20/07
06				
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COMMENTS:

Client ID: **SP351Y**
Site:

Lab Sample ID: **SP351Y**
Lab Job No: O729

Date Sampled: _____
Date Received: _____
Date Extracted: 12/17/07
Date Analyzed: 12/18/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf067675.d
Rear File ID: qr067675.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 0

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	67	R
Aroclor-1221	ND	67	R
Aroclor-1232	ND	67	R
Aroclor-1242	ND	67	R
Aroclor-1248	ND	67	R
Aroclor-1254	ND	67	R
Aroclor-1260	ND	67	R
Aroclor-1262	ND	67	R
Aroclor-1268	ND	67	R

GC ORGANICS METHOD BLANK SUMMARY

LAB SAMPLE NO.

WP348A

Matrix: WATER

Level: LOW

Instrument ID: PESTGC8

Date Analyzed: 12/19/07

Time Analyzed: 0744

Lab File ID: QR067721

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	6362BS	6362BS	qr067711.d	12/19/07
02	121007-1540	884942	qr067716.d	12/19/07
03	2217-121107-	884965	qr067717.d	12/19/07
04	2217-121107-	884979	qr067718.d	12/19/07
05	2217-121107-	884990	qr067719.d	12/19/07
06	2217-121107-	884991	qr067720.d	12/19/07
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COMMENTS:

Client ID: **WP348A**
Site:

Lab Sample ID: **WP348A**
Lab Job No: O729

Date Sampled: _____
Date Received: _____
Date Extracted: 12/14/07
Date Analyzed: 12/19/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i

Matrix: WATER
Sample Volume: 1000 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Front File ID: qf067721.d
Rear File ID: qr067721.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/l	Quantitation Limit Units: ug/l	Column
Aroclor-1016	ND	0.50	R
Aroclor-1221	ND	0.50	R
Aroclor-1232	ND	0.50	R
Aroclor-1242	ND	0.50	R
Aroclor-1248	ND	0.50	R
Aroclor-1254	ND	0.50	R
Aroclor-1260	ND	0.50	R
Aroclor-1262	ND	0.50	R
Aroclor-1268	ND	0.50	R

GC ORGANICS METHOD BLANK SUMMARY

LAB SAMPLE NO.

SP348D

Matrix: SOIL

Level: LOW

Instrument ID: PESTGC9

Date Analyzed: 12/17/07

Time Analyzed: 1924

Lab File ID: VR426256

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	121107-0930	884955	vr426246.d	12/17/07
02	121107-0944	884956	vr426248.d	12/17/07
03	121107-0946	884957	vr426249.d	12/17/07
04	6365BS	6365BS	vr426257.d	12/17/07
05	121007-1536	884941	vr426335.d	12/18/07
06	121007-1602	884945	vr426336.d	12/18/07
07	121007-1623M	884946MS	vr426338.d	12/18/07
08	121007-1623M	884946MSD	vr426339.d	12/18/07
09	121007-1555	884943	vr426340.d	12/18/07
10	121007-1600	884944	vr426341.d	12/18/07
11	121107-0919	884952	vr426357.d	12/18/07
12	2217-121107-	884953	vr426359.d	12/18/07
13	121107-0928	884954	vr426365.d	12/18/07
14	121007-1625	884947	vr426406.d	12/19/07
15	121007-1623	884946	vr426407.d	12/19/07
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COMMENTS:

Client ID: **SP348D**
Site:

Lab Sample ID: **SP348D**
Lab Job No: 0729

Date Sampled: _____
Date Received: _____
Date Extracted: 12/14/07
Date Analyzed: 12/17/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426256.d
Rear File ID: vr426256.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 0

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	67	R
Aroclor-1221	ND	67	R
Aroclor-1232	ND	67	R
Aroclor-1242	ND	67	R
Aroclor-1248	ND	67	R
Aroclor-1254	ND	67	R
Aroclor-1260	ND	67	R
Aroclor-1262	ND	67	R
Aroclor-1268	ND	67	R

GC ORGANICS METHOD BLANK SUMMARY

LAB SAMPLE NO.

SP349

Matrix: SOIL

Level: LOW

Instrument ID: PESTGC9

Date Analyzed: 12/17/07

Time Analyzed: 1049

Lab File ID: VR426223

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	6368BS	6368BS	vr426231.d	12/17/07
02	121007-1706	884950	vr426286.d	12/18/07
03	121007-1710	884951	vr426287.d	12/18/07
04	121107-1002	884958	vr426288.d	12/18/07
05	2217-121107-	884959	vr426289.d	12/18/07
06	121107-1035	884960	vr426290.d	12/18/07
07	121107-1037	884961	vr426291.d	12/18/07
08	121107-1111	884962	vr426292.d	12/18/07
09	121107-1113	884963	vr426293.d	12/18/07
10	121107-1117	884964	vr426294.d	12/18/07
11	121107-1117M	884964MS	vr426295.d	12/18/07
12	121107-1117M	884964MSD	vr426296.d	12/18/07
13	121007-1655	884949	vr426355.d	12/18/07
14	121007-1652	884948	vr426405.d	12/19/07
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COMMENTS:

Client ID: **SP349**
Site:

Lab Sample ID: **SP349**
Lab Job No: 0729

Date Sampled: _____
Date Received: _____
Date Extracted: 12/15/07
Date Analyzed: 12/17/07
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i
Front File ID: vf426223.d
Rear File ID: vr426223.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 0

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	67	R
Aroclor-1221	ND	67	R
Aroclor-1232	ND	67	R
Aroclor-1242	ND	67	R
Aroclor-1248	ND	67	R
Aroclor-1254	ND	67	R
Aroclor-1260	ND	67	R
Aroclor-1262	ND	67	R
Aroclor-1268	ND	67	R

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC7.i/8082/rear/Jan08/01-03-08/03jan08a.b, as of 01/10/2008 19:27)

Instrument ID: PESTGC7.i Column ID: StxCLP1 Primary Column

Dates of Analysis: 01/03/08 to 01/03/08

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 9.507

Lab Sample ID	Data File	Injection Time	RT	DLT RT
884972	or055680.d	03-JAN-2008 11:01	9.505	0.002
884972MS	or055681.d	03-JAN-2008 11:18	9.505	0.002
884972MSD	or055682.d	03-JAN-2008 11:35	9.505	0.002
SP002W	or055683.d	03-JAN-2008 11:51	9.508	0.001
6429BS	or055684.d	03-JAN-2008 12:07	9.507	0.000

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC7.i/8082/front/Jan08/01-03-08/03jan08a.b, as of 01/10/2008 19:27)

Instrument ID: PESTGC7.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 01/03/08 to 01/03/08

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.775

Lab Sample ID	Data File	Injection Time	RT	DLT RT
884972	of055680.d	03-JAN-2008 11:01	10.775	0.000
SP002W	of055683.d	03-JAN-2008 11:51	10.777	0.002

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b, as of 01/10/2008 19:27)

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

Dates of Analysis: 12/18/07 to 12/18/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.209

Lab Sample ID	Data File	Injection Time	RT	DLT RT
SP351X	qr067649.d	18-DEC-2007 07:29	10.208	0.001
884972	qr067660.d	18-DEC-2007 10:20	10.206	0.003
884973	qr067661.d	18-DEC-2007 10:35	10.207	0.002
884974	qr067662.d	18-DEC-2007 10:52	10.207	0.002
884975	qr067663.d	18-DEC-2007 11:08	10.211	0.002
884976	qr067664.d	18-DEC-2007 11:25	10.212	0.003
884977	qr067665.d	18-DEC-2007 11:40	10.210	0.001

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07c.b, as of 01/10/2008 19:27)

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 12/18/07 to 12/18/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 11.135

Lab Sample ID	Data File	Injection Time	RT	DLT RT
SP351X	qf067649.d	18-DEC-2007 07:29	11.126	0.009
884972	qf067660.d	18-DEC-2007 10:20	11.121	0.014
884973	qf067661.d	18-DEC-2007 10:35	11.123	0.012
884974	qf067662.d	18-DEC-2007 10:52	11.132	0.003
884975	qf067663.d	18-DEC-2007 11:08	11.149	0.014
884976	qf067664.d	18-DEC-2007 11:25	11.157	0.022
884977	qf067665.d	18-DEC-2007 11:40	11.147	0.012

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07d.b,
as of 01/10/2008 19:27)

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

Dates of Analysis: 12/18/07 to 12/18/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.209

Lab Sample ID	Data File	Injection Time	RT	DLT RT
884983	qr067671.d	18-DEC-2007 13:16	10.207	0.002
884984	qr067672.d	18-DEC-2007 13:31	10.206	0.003
884985	qr067673.d	18-DEC-2007 13:47	10.207	0.002
SP351Y	qr067675.d	18-DEC-2007 15:23	10.210	0.001
SP351YBS	qr067676.d	18-DEC-2007 15:39	10.209	0.000

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07d.b,
as of 01/10/2008 19:27)

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 12/18/07 to 12/18/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 11.135

Lab Sample ID	Data File	Injection Time	RT	DLT RT
884983	qf067671.d	18-DEC-2007 13:16	11.137	0.002
884984	qf067672.d	18-DEC-2007 13:31	11.131	0.004
884985	qf067673.d	18-DEC-2007 13:47	11.132	0.003
SP351Y	qf067675.d	18-DEC-2007 15:23	11.138	0.003

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b, as of 01/10/2008 19:27)

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

Dates of Analysis: 12/19/07 to 12/19/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.207

Lab Sample ID	Data File	Injection Time	RT	DLT RT
6362BS	qr067711.d	19-DEC-2007 04:55	10.207	0.000
884942	qr067716.d	19-DEC-2007 06:11	10.206	0.001
884965	qr067717.d	19-DEC-2007 06:26	10.209	0.002
884979	qr067718.d	19-DEC-2007 06:41	10.210	0.003
884990	qr067719.d	19-DEC-2007 06:56	10.209	0.002
884991	qr067720.d	19-DEC-2007 07:11	10.208	0.001
WP348A	qr067721.d	19-DEC-2007 07:44	10.212	0.005

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07g.b, as of 01/10/2008 19:27)

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 12/19/07 to 12/19/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 11.118

Lab Sample ID	Data File	Injection Time	RT	DLT RT
884942	qf067716.d	19-DEC-2007 06:11	11.128	0.010
884965	qf067717.d	19-DEC-2007 06:26	11.139	0.021
884979	qf067718.d	19-DEC-2007 06:41	11.143	0.025
884990	qf067719.d	19-DEC-2007 06:56	11.142	0.026
884991	qf067720.d	19-DEC-2007 07:11	11.140	0.022
wp348a	qf067721.d	19-DEC-2007 07:44	11.141	0.023

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b, as of 01/10/2008 19:27)

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

Dates of Analysis: 12/20/07 to 12/20/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.208

Lab Sample ID	Data File	Injection Time	RT	DLT RT
884978	qr067760.d	20-DEC-2007 03:55	0.000 D	
884978MS	qr067761.d	20-DEC-2007 04:10	0.000 D	
884978MSD	qr067762.d	20-DEC-2007 04:27	0.000 D	
884966	qr067764.d	20-DEC-2007 04:58	0.000 D	
884967	qr067766.d	20-DEC-2007 05:31	0.000 D	
884968	qr067768.d	20-DEC-2007 06:03	0.000 D	
884969	qr067770.d	20-DEC-2007 06:33	0.000 D	
884970	qr067773.d	20-DEC-2007 07:21	10.213	0.005
884971	qr067774.d	20-DEC-2007 07:37	10.212	0.004
884980	qr067775.d	20-DEC-2007 07:52	0.000 D	
884981	qr067778.d	20-DEC-2007 08:39	10.210	0.002
884982	qr067779.d	20-DEC-2007 08:55	10.216	0.008
884986	qr067780.d	20-DEC-2007 09:12	10.211	0.003
884987	qr067781.d	20-DEC-2007 09:27	10.214	0.006
884988	qr067782.d	20-DEC-2007 09:43	0.000 D	
884989	qr067783.d	20-DEC-2007 09:58	0.000 D	
884992	qr067785.d	20-DEC-2007 10:30	10.211	0.003

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b, as of 01/10/2008 19:27)

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 12/20/07 to 12/20/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 11.137

Lab Sample ID	Data File	Injection Time	RT	DLT RT
884978	qf067760.d	20-DEC-2007 03:55	0.000 D	
884966	qf067764.d	20-DEC-2007 04:58	0.000 D	
884967	qf067766.d	20-DEC-2007 05:31	0.000 D	
884968	qf067768.d	20-DEC-2007 06:03	0.000 D	
884969	qf067770.d	20-DEC-2007 06:33	0.000 D	
884970	qf067773.d	20-DEC-2007 07:21	11.156	0.019
884971	qf067774.d	20-DEC-2007 07:37	11.153	0.016
884980	qf067775.d	20-DEC-2007 07:52	0.000 D	
884981	qf067778.d	20-DEC-2007 08:39	11.152	0.015
884982	qf067779.d	20-DEC-2007 08:55	11.170	0.033
884986	qf067780.d	20-DEC-2007 09:12	11.152	0.015
884987	qf067781.d	20-DEC-2007 09:27	11.157	0.020
884988	qf067782.d	20-DEC-2007 09:43	0.000 D	
884989	qf067783.d	20-DEC-2007 09:58	0.000 D	
884992	qf067785.d	20-DEC-2007 10:30	11.154	0.017

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b,
as of 01/10/2008 19:27)

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

Dates of Analysis: 12/17/07 to 12/17/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.712

Lab Sample ID	Data File	Injection Time	RT	DLT RT
SP349	vr426223.d	17-DEC-2007 10:49	10.713	0.001
6368BS	vr426231.d	17-DEC-2007 12:52	10.713	0.001

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07a.b, as of 01/10/2008 19:27)

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 12/17/07 to 12/17/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 11.526

Lab Sample ID	Data File	Injection Time	RT	DLT RT
SP349	vf426223.d	17-DEC-2007 10:49	11.526	0.000

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b, as of 01/10/2008 19:27)

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

Dates of Analysis: 12/17/07 to 12/17/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.713

Lab Sample ID	Data File	Injection Time	RT	DLT RT
884955	vr426246.d	17-DEC-2007 16:52	10.712	0.001
884956	vr426248.d	17-DEC-2007 17:22	10.711	0.002
884957	vr426249.d	17-DEC-2007 17:38	10.711	0.002
SP348D	vr426256.d	17-DEC-2007 19:24	10.711	0.002
6365BS	vr426257.d	17-DEC-2007 19:40	10.711	0.002

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07b.b,
as of 01/10/2008 19:27)

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 12/17/07 to 12/17/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 11.529

Lab Sample ID	Data File	Injection Time	RT	DLT RT
884955	vf426246.d	17-DEC-2007 16:52	11.524	0.005
884956	vf426248.d	17-DEC-2007 17:22	11.524	0.005
884957	vf426249.d	17-DEC-2007 17:38	11.525	0.004
SP348D	vf426256.d	17-DEC-2007 19:24	11.523	0.006

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b, as of 01/10/2008 19:27)

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

Dates of Analysis: 12/18/07 to 12/18/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.713

Lab Sample ID	Data File	Injection Time	RT	DLT RT
884950	vr426286.d	18-DEC-2007 03:01	10.712	0.001
884951	vr426287.d	18-DEC-2007 03:16	10.713	0.000
884958	vr426288.d	18-DEC-2007 03:31	10.713	0.000
884959	vr426289.d	18-DEC-2007 03:46	10.713	0.000
884960	vr426290.d	18-DEC-2007 04:02	10.712	0.001
884961	vr426291.d	18-DEC-2007 04:17	10.712	0.001
884962	vr426292.d	18-DEC-2007 04:32	10.712	0.001
884963	vr426293.d	18-DEC-2007 04:47	10.712	0.001
884964	vr426294.d	18-DEC-2007 05:03	10.712	0.001
884964MS	vr426295.d	18-DEC-2007 05:18	10.713	0.000
884964MSD	vr426296.d	18-DEC-2007 05:33	10.712	0.001

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07d.b, as of 01/10/2008 19:27)

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 12/18/07 to 12/18/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 11.520

Lab Sample ID	Data File	Injection Time	RT	DLT RT
884950	vf426286.d	18-DEC-2007 03:01	11.422	0.098
884951	vf426287.d	18-DEC-2007 03:16	11.521	0.001
884958	vf426288.d	18-DEC-2007 03:31	11.521	0.001
884959	vf426289.d	18-DEC-2007 03:46	11.520	0.000
884960	vf426290.d	18-DEC-2007 04:02	11.521	0.001
884961	vf426291.d	18-DEC-2007 04:17	11.520	0.000
884962	vf426292.d	18-DEC-2007 04:32	11.520	0.000
884963	vf426293.d	18-DEC-2007 04:47	11.521	0.001
884964	vf426294.d	18-DEC-2007 05:03	11.520	0.000

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b, as of 01/10/2008 19:27)

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

Dates of Analysis: 12/18/07 to 12/18/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.712

Lab Sample ID	Data File	Injection Time	RT	DLT RT
884941	vr426335.d	18-DEC-2007 16:08	0.000 D	
884945	vr426336.d	18-DEC-2007 16:23	10.718	0.006
884946MS	vr426338.d	18-DEC-2007 16:54	0.000 D	
884946MSD	vr426339.d	18-DEC-2007 17:09	0.000 D	
884943	vr426340.d	18-DEC-2007 17:24	0.000 D	
884944	vr426341.d	18-DEC-2007 17:39	10.713	0.001
884949	vr426355.d	18-DEC-2007 21:12	10.711	0.001
884952	vr426357.d	18-DEC-2007 21:43	10.711	0.001
884953	vr426359.d	18-DEC-2007 22:13	10.710	0.002
884954	vr426365.d	18-DEC-2007 23:45	10.710	0.002

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b, as of 01/10/2008 19:27)

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 12/18/07 to 12/18/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 11.525

Lab Sample ID	Data File	Injection Time	RT	DLT RT
884941	vf426335.d	18-DEC-2007 16:08	0.000 D	
884945	vf426336.d	18-DEC-2007 16:23	11.528	0.003
884943	vf426340.d	18-DEC-2007 17:24	0.000 D	
884944	vf426341.d	18-DEC-2007 17:39	11.523	0.002
884949	vf426355.d	18-DEC-2007 21:12	11.525	0.000
884952	vf426357.d	18-DEC-2007 21:43	11.526	0.001
884953	vf426359.d	18-DEC-2007 22:13	11.524	0.001
884954	vf426365.d	18-DEC-2007 23:45	11.522	0.003

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07j.b, as of 01/10/2008 19:27)

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

Dates of Analysis: 12/19/07 to 12/19/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.709

Lab Sample ID	Data File	Injection Time	RT	DLT RT
884948	vr426405.d	19-DEC-2007 13:11	0.000 D	
884947	vr426406.d	19-DEC-2007 13:26	0.000 D	
884946	vr426407.d	19-DEC-2007 13:41	0.000 D	

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07j.b,
as of 01/10/2008 19:27)

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 12/19/07 to 12/19/07

Retention Time Shift Marker - Decachlorobiphenyl(surr)
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 11.523

Lab Sample ID	Data File	Injection Time	RT	DLT RT
884948	vf426405.d	19-DEC-2007 13:11	0.000 D	
884947	vf426406.d	19-DEC-2007 13:26	0.000 D	
884946	vf426407.d	19-DEC-2007 13:41	0.000 D	

D = Surrogate diluted out.

Analytical Sequence

GC ORGANICS ANALYTICAL SEQUENCE SUMMARY

Instrument ID: PESTGC7.i Column ID: StxCLP1 Primary Column

	Lab Sample ID	Client Sample ID	Lab File ID	Sample Type	Inj. Date	Inj. Time
1	SG1660L3_00003_A		or055012.d	CALIB_3	12/09/07	1723
2	SG1660L1_00003_A		or055013.d	CALIB_1	12/09/07	1739
3	SG1660L2_00003_A		or055014.d	CALIB_2	12/09/07	1756
4	SG1660L4_00003_A		or055015.d	CALIB_4	12/09/07	1812
5	SG1660L5_00003_A		or055016.d	CALIB_5	12/09/07	1828
6	SG1221L3_00003_A		or055017.d	CALIB_3	12/09/07	1845
7	SG1232L3_00002_A		or055018.d	CALIB_3	12/09/07	1900
8	SG1242L3_00002_A		or055019.d	CALIB_3	12/09/07	1916
9	SG1248L3_00002_A		or055020.d	CALIB_3	12/09/07	1931
10	SG1254L3_00002_A		or055021.d	CALIB_3	12/09/07	1948
11	SG1262L3_00002_A		or055022.d	CALIB_3	12/09/07	2005
12	SG1268L3_00002_A		or055023.d	CALIB_3	12/09/07	2020
13	SG1660L3_00003_A		or055675.d	CCALIB_3	01/03/08	0922
14	884972	121107-1615	or055680.d	SAMPLE	01/03/08	1101
15	884972MS	121107-1615MS	or055681.d	MS	01/03/08	1118
16	884972MSD	121107-1615MSD	or055682.d	MSD	01/03/08	1135
17	SP002W		or055683.d	BLANK	01/03/08	1151
18	6429BS		or055684.d	BS	01/03/08	1207
19	SG1660L3_00003_B		or055686.d	CCALIB_3	01/03/08	1240

GC ORGANICS ANALYTICAL SEQUENCE SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

	Lab Sample ID	Client Sample ID	Lab File ID	Sample Type	Inj. Date	Inj. Time
1	SG1660L1_00003 D		qr067486.d	CALIB_1	12/14/07	1837
2	SG1660L2_00003 D		qr067487.d	CALIB_2	12/14/07	1854
3	SG1660L3_00003 D		qr067488.d	CALIB_3	12/14/07	1908
4	SG1660L4_00003 D		qr067489.d	CALIB_4	12/14/07	1925
5	SG1660L5_00003 D		qr067490.d	CALIB_5	12/14/07	1941
6	SG1221L3_00003 D		qr067491.d	CALIB_3	12/14/07	1956
7	SG1232L3_00002 D		qr067492.d	CALIB_3	12/14/07	2013
8	SG1242L3_00002 D		qr067493.d	CALIB_3	12/14/07	2029
9	SG1248L3_00002 D		qr067494.d	CALIB_3	12/14/07	2046
10	SG1254L3_00002 D		qr067495.d	CALIB_3	12/14/07	2102
11	SG1262L3_00002 D		qr067496.d	CALIB_3	12/14/07	2119
12	SG1268L3_00002 D		qr067497.d	CALIB_3	12/14/07	2135
13	SG1660L3_00003 C		qr067648.d	CCALIB_3	12/18/07	0714
14	SP351X		qr067649.d	BLANK	12/18/07	0729
15	884972	121107-1615	qr067660.d	SAMPLE	12/18/07	1020
16	884973	121107-1617	qr067661.d	SAMPLE	12/18/07	1035
17	884974	121107-1630	qr067662.d	SAMPLE	12/18/07	1052
18	884975	2217-121107-16	qr067663.d	SAMPLE	12/18/07	1108
19	884976	121107-1634	qr067664.d	SAMPLE	12/18/07	1125
20	884977	121107-1636	qr067665.d	SAMPLE	12/18/07	1140
21	SG1660L3_00003 D		qr067670.d	CCALIB_3	12/18/07	1301
22	884983	121107-1725	qr067671.d	SAMPLE	12/18/07	1316
23	884984	121107-1738	qr067672.d	SAMPLE	12/18/07	1331
24	884985	121107-1815	qr067673.d	SAMPLE	12/18/07	1347
25	SP351Y		qr067675.d	BLANK	12/18/07	1523
26	sp351yBS		qr067676.d	BS	12/18/07	1539
27	SG1660L3_00003 E		qr067682.d	CCALIB_3	12/18/07	1714
28	SG1660L3_00003 G		qr067710.d	CCALIB_3	12/19/07	0438
29	6362BS		qr067711.d	BS	12/19/07	0455
30	884942	121007-1540	qr067716.d	SAMPLE	12/19/07	0611
31	884965	2217-121107-13	qr067717.d	SAMPLE	12/19/07	0626
32	884979	2217-121107-17	qr067718.d	SAMPLE	12/19/07	0641

GC ORGANICS ANALYTICAL SEQUENCE SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

	Lab Sample ID	Client Sample ID	Lab File ID	Sample Type	Inj. Date	Inj. Time
33	884990	2217-121107-19	qr067719.d	SAMPLE	12/19/07	0656
34	884991	2217-121107-19	qr067720.d	SAMPLE	12/19/07	0711
35	WP348A		qr067721.d	BLANK	12/19/07	0744
36	SG1660L3_00003 H		qr067723.d	CCALIB_3	12/19/07	0814
37	SG1660L3_00003 B		qr067757.d	CCALIB_3	12/20/07	0301
38	884978	121107-1654	qr067760.d	SAMPLE	12/20/07	0355
39	884978MS	121107-1654MS	qr067761.d	MS	12/20/07	0410
40	884978MSD	121107-1654MSD	qr067762.d	MSD	12/20/07	0427
41	884966	121107-1403	qr067764.d	SAMPLE	12/20/07	0458
42	884967	121107-1420	qr067766.d	SAMPLE	12/20/07	0531
43	884968	121107-1422	qr067768.d	SAMPLE	12/20/07	0603
44	884969	121107-1442	qr067770.d	SAMPLE	12/20/07	0633
45	884970	121107-1518	qr067773.d	SAMPLE	12/20/07	0721
46	884971	2217-121107-15	qr067774.d	SAMPLE	12/20/07	0737
47	884980	121107-1705	qr067775.d	SAMPLE	12/20/07	0752
48	884981	121107-1707	qr067778.d	SAMPLE	12/20/07	0839
49	884982	121107-1710	qr067779.d	SAMPLE	12/20/07	0855
50	884986	121107-1818	qr067780.d	SAMPLE	12/20/07	0912
51	884987	121107-1820	qr067781.d	SAMPLE	12/20/07	0927
52	884988	121107-1830	qr067782.d	SAMPLE	12/20/07	0943
53	884989	121107-1832	qr067783.d	SAMPLE	12/20/07	0958
54	884992	121107-1620	qr067785.d	SAMPLE	12/20/07	1030
55	SG1660L3_00003 C		qr067788.d	CCALIB_3	12/20/07	1149

GC ORGANICS ANALYTICAL SEQUENCE SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

	Lab Sample ID	Client Sample ID	Lab File ID	Sample Type	Inj. Date	Inj. Time
1	SG1660L1_00003A		vr426175.d	CALIB_1	12/14/07	0945
2	SG1660L2_00003A		vr426176.d	CALIB_2	12/14/07	1000
3	SG1660L3_00003C		vr426177.d	CALIB_3	12/14/07	1015
4	SG1660L4_00003C		vr426178.d	CALIB_4	12/14/07	1030
5	SG1660L5_00003C		vr426179.d	CALIB_5	12/14/07	1046
6	SG1221L3_00004C		vr426180.d	CALIB_3	12/14/07	1101
7	SG1232L3_00003C		vr426181.d	CALIB_3	12/14/07	1116
8	SG1242L3_00003C		vr426182.d	CALIB_3	12/14/07	1131
9	SG1248L3_00003C		vr426183.d	CALIB_3	12/14/07	1146
10	SG1254L3_00003C		vr426184.d	CALIB_3	12/14/07	1202
11	SG1262L3_00003C		vr426185.d	CALIB_3	12/14/07	1217
12	SG11268L3_00003C		vr426186.d	CALIB_3	12/14/07	1232
13	SG1660L3_00003A		vr426214.d	CCALIB_3	12/17/07	0820
14	SP349		vr426223.d	BLANK	12/17/07	1049
15	6368BS		vr426231.d	BS	12/17/07	1252
16	SG1660l3_00003B		vr426233.d	CCALIB_3	12/17/07	1322
17	884955	121107-0930	vr426246.d	SAMPLE	12/17/07	1652
18	884956	121107-0944	vr426248.d	SAMPLE	12/17/07	1722
19	884957	121107-0946	vr426249.d	SAMPLE	12/17/07	1738
20	SP348D		vr426256.d	BLANK	12/17/07	1924
21	6365BS		vr426257.d	BS	12/17/07	1940
22	SG1660L3_00003C		vr426259.d	CCALIB_3	12/17/07	2010
23	SG1660L3_000003D		vr426283.d	CCALIB_3	12/18/07	0215
24	884950	121007-1706	vr426286.d	SAMPLE	12/18/07	0301
25	884951	121007-1710	vr426287.d	SAMPLE	12/18/07	0316
26	884958	121107-1002	vr426288.d	SAMPLE	12/18/07	0331
27	884959	2217-121107-10	vr426289.d	SAMPLE	12/18/07	0346
28	884960	121107-1035	vr426290.d	SAMPLE	12/18/07	0402
29	884961	121107-1037	vr426291.d	SAMPLE	12/18/07	0417
30	884962	121107-1111	vr426292.d	SAMPLE	12/18/07	0432
31	884963	121107-1113	vr426293.d	SAMPLE	12/18/07	0447
32	884964	121107-1117	vr426294.d	SAMPLE	12/18/07	0503

GC ORGANICS ANALYTICAL SEQUENCE SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

	Lab Sample ID	Client Sample ID	Lab File ID	Sample Type	Inj. Date	Inj. Time
33	884964MS	121107-1117MS	vr426295.d	MS	12/18/07	0518
34	884964MSD	121107-1117MSD	vr426296.d	MSD	12/18/07	0533
35	SG1660L3_00003E		vr426304.d	CCALIB_3	12/18/07	0735
36	SG1660L3_00003G		vr426333.d	CCALIB_3	12/18/07	1505
37	884941	121007-1536	vr426335.d	SAMPLE	12/18/07	1608
38	884945	121007-1602	vr426336.d	SAMPLE	12/18/07	1623
39	884946MS	121007-1623MS	vr426338.d	MS	12/18/07	1654
40	884946MSD	121007-1623MSD	vr426339.d	MSD	12/18/07	1709
41	884943	121007-1555	vr426340.d	SAMPLE	12/18/07	1724
42	884944	121007-1600	vr426341.d	SAMPLE	12/18/07	1739
43	884949	121007-1655	vr426355.d	SAMPLE	12/18/07	2112
44	884952	121107-0919	vr426357.d	SAMPLE	12/18/07	2143
45	884953	2217-121107-09	vr426359.d	SAMPLE	12/18/07	2213
46	884954	121107-0928	vr426365.d	SAMPLE	12/18/07	2345
47	SG1660L3_00003H		vr426368.d	CCALIB_3	12/19/07	0031
48	SG1660L3_00003J		vr426401.d	CCALIB_3	12/19/07	0949
49	884948	121007-1652	vr426405.d	SAMPLE	12/19/07	1311
50	884947	121007-1625	vr426406.d	SAMPLE	12/19/07	1326
51	884946	121007-1623	vr426407.d	SAMPLE	12/19/07	1341
52	SG1660L3_00003K		vr426411.d	CCALIB_3	12/19/07	1652

Raw Data

GC ORGANICS INITIAL CALIBRATION SUMMARY

Instrument ID: PESTGC7.i Column ID: StxCLP1 Primary Column

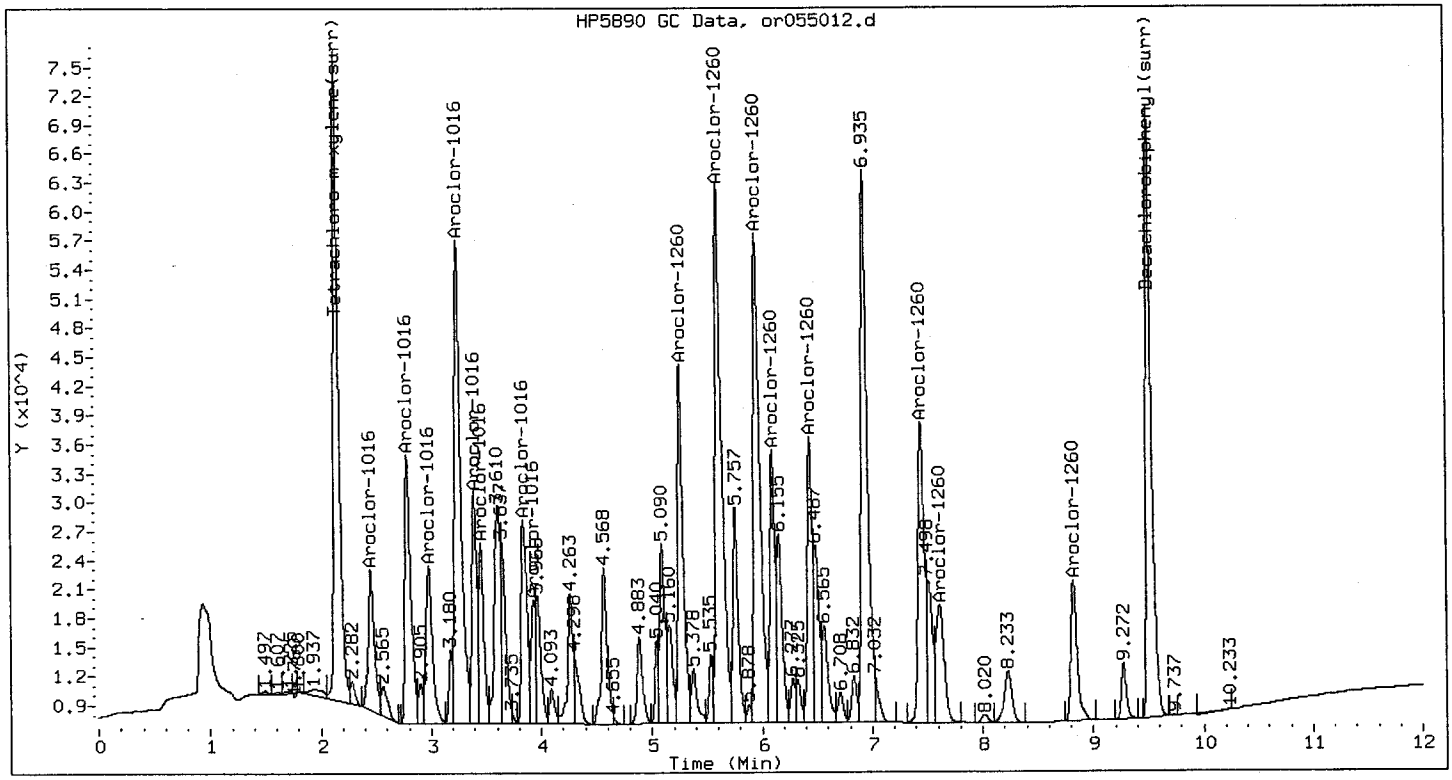
Calibration Files:

/chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/or055013.d
/chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/or055014.d
/chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/or055012.d
/chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/or055015.d
/chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/or055016.d

Compound		Level 1	Level 2	Level 3	Level 4	Level 5	Coefficients a0	Coefficients a1	Coefficients a2	%RSD or R^2
Aroclor-1016	1	59.54	63.36	56.22	55.63	52.96		57.54		6.96330
	2	128.21	115.59	102.25	101.93	96.28		108.85		11.88718
	3	71.50	72.83	67.78	70.81	69.80		70.54		2.68813
	4	212.29	217.53	204.01	209.97	206.10		209.98		2.53218
	5	85.42	81.45	72.82	73.48	72.07		77.05		7.80850
	6	51.17	56.58	57.03	61.99	63.65		58.08		8.49882
	7	87.07	86.13	79.17	80.48	78.57		82.28		4.87840
	8	30.50	32.11	30.93	32.47	32.48		31.70		2.90802
Aroclor-1260	1	150.83	128.45	126.67	128.77	123.88		131.72		8.24214
	2	267.78	230.34	226.39	229.77	218.04		234.46		8.21511
	3	212.31	203.95	210.22	215.87	209.08		210.29		2.08503
	4	105.58	88.63	87.41	89.75	87.78		91.83		8.42892
	5	113.20	94.44	97.92	99.52	95.30		100.08		7.60662
	6	117.07	115.34	123.75	129.11	127.55		122.56		5.01899
	7	55.99	55.45	62.76	66.72	69.45		62.07		10.10217
	8	52.23	52.12	57.09	61.67	62.82		57.19		8.83126
Tetrachloro-m-xylene(surr)		2129.36	2256.40	2170.94	2248.27	2365.28		2234.05		4.05749
Decachlorobiphenyl(surr)		2553.52	2471.42	2196.03	2226.51	2288.36		2347.17		6.69850

Comments:
* = %RSD exceeded maximum upper limit. Linear regression used for quantitation.

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/05Or8082.m
Sample Info : SG1660L3_00003_A
Lab ID : SG1660L3_00003_A
Inj Date : 09-DEC-2007 17:23
Operator : 632 12/10/07
Cpnd Sublist: AR16600S

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.452	2.452	0.000	56215	976.981	976.981
(2)		2.785	2.785	0.000	102249	939.347	939.347
(3)		2.983	2.983	0.000	67781	960.857	960.857
(4)		3.248	3.248	0.000	204009	971.560	971.560
(5)		3.393	3.393	0.000	72823	945.166	945.166
(6)		3.455	3.455	0.000	57027	981.793	981.793
(7)		3.837	3.837	0.000	79167	962.133	962.133
(8)		3.932	3.932	0.000	30931	975.805	975.805
Average of peak concentrations:							960.00
Aroclor-1260	(M)	5.260	5.260	0.000	126673	961.676	961.676
(2)		5.602	5.602	0.000	226393	965.576	965.576
(3)		5.948	5.948	0.000	210221	999.680	999.680
(4)		6.097	6.097	0.000	87410	951.891	951.891
(5)		6.437	6.437	0.000	97918	978.446	978.446
(6)		7.448	7.448	0.000	123749	1009.680	1009.680

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)		7.617	7.617	0.000	62756	1011.032	1011.032
(8)		8.823	8.823	0.000	57087	998.276	998.276
Average of peak concentrations:							980.00
Tetrachloro-m-xylene(surr)		2.145	2.145	0.000	217094	97.175	97.175
Decachlorobiphenyl(surr)	(M)	9.508	9.508	0.000	219603	93.561	93.561

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS INITIAL CALIBRATION SUMMARY

Instrument ID: PESTGC7.i Column ID: StxCLP2 Confirmatory Column

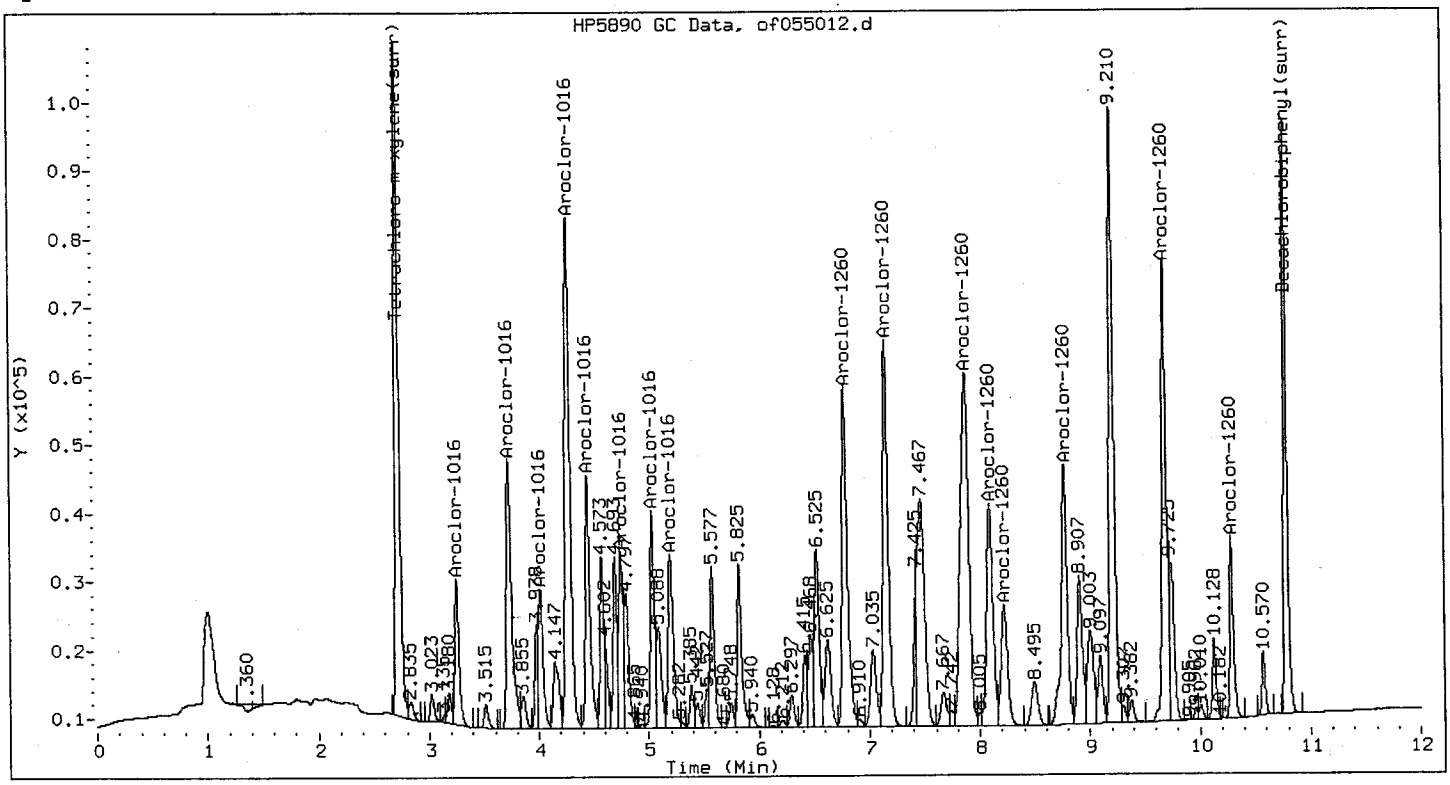
Calibration Files:

/chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/of055013.d
/chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/of055014.d
/chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/of055012.d
/chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/of055015.d
/chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/of055016.d

Compound		Level 1	Level 2	Level 3	Level 4	Level 5	Coefficients a0	Coefficients a1	Coefficients a2	%RSD or R^2
Aroclor-1016	1	70.52	63.45	56.55	57.14	53.64		60.26		11.21692
	2	179.63	161.59	134.92	130.64	121.07		145.57		16.66272
	3	74.21	68.29	59.88	55.85	56.17		62.88		12.85087
	4	319.16	280.44	245.29	239.05	227.81		262.35		14.23913
	5	136.88	123.47	106.41	102.15	98.76		113.53		14.22006
	6	97.24	79.96	72.22	67.21	65.25		76.37		16.98690
	7	103.89	90.59	79.87	76.41	73.96		84.94		14.53822
	8	94.37	89.73	81.89	81.48	79.50		85.40		7.44532
Aroclor-1260	1	234.56	173.42	166.65	165.90	154.81		179.07		17.71924
	2	261.94	198.34	187.47	186.53	173.18		201.49		17.34462
	3	306.89	254.81	268.21	267.03	255.37		270.46		7.87920
	4	168.62	135.52	131.47	132.40	124.65		138.53		12.47490
	5	86.91	71.51	72.15	73.67	71.29		75.11		8.87150
	6	171.10	148.97	145.94	148.60	140.82		151.09		7.71247
	7	228.53	188.93	188.08	201.00	179.40		197.19		9.70373
	8	66.94	61.32	60.08	60.35	57.02		61.14		5.91991
Tetrachloro-m-xylene(surr)		3108.36	2971.64	2643.77	2685.27	2762.82		2834.37		7.00296
Decachlorobiphenyl(surr)		2288.52	2038.12	1718.54	1689.95	1693.61		1885.75		14.24548

Comments:
* = %RSD exceeded maximum upper limit. Linear regression used for quantitation.

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/05Of8082.m
Sample Info : SG1660L3_00003_A
Lab ID : SG1660L3_00003_A
Inj Date : 09-DEC-2007 17:23
Operator : 632 MM 12/10/07
Cpnd Sublist: AR16600S

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	3.250	3.250	0.000	56552	1000.000	1000.000
(2)		3.725	3.725	0.000	134924	1000.000	1000.000
(3)		4.015	4.015	0.000	59879	1000.000	1000.000
(4)		4.273	4.273	0.000	245286	1000.000	1000.000
(5)		4.445	4.445	0.000	106411	1000.000	1000.000
(6)		4.750	4.750	0.000	72215	1000.000	1000.000
(7)		5.035	5.035	0.000	79873	1000.000	1000.000
(8)		5.195	5.195	0.000	81893	1000.000	1000.000
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	6.780	6.780	0.000	166650	1000.000	1000.000
(2)		7.153	7.153	0.000	187471	1000.000	1000.000
(3)		7.877	7.877	0.000	268210	1000.000	1000.000
(4)		8.093	8.093	0.000	131465	1000.000	1000.000
(5)		8.223	8.223	0.000	72153	1000.000	1000.000
(6)		8.772	8.772	0.000	145937	1000.000	1000.000

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)		9.687	9.687	0.000	188077	1000.000	1000.000
(8)		10.285	10.285	0.000	60078	1000.000	1000.000
Average of peak concentrations:							1000.00
Tetrachloro-m-xylene(surr)		2.722	2.722	0.000	264377	100.000	100.000
Decachlorobiphenyl(surr)	(M)	10.782	10.782	0.000	171854	100.000	100.000

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC7.i Column ID: StxCLP1 Primary Column

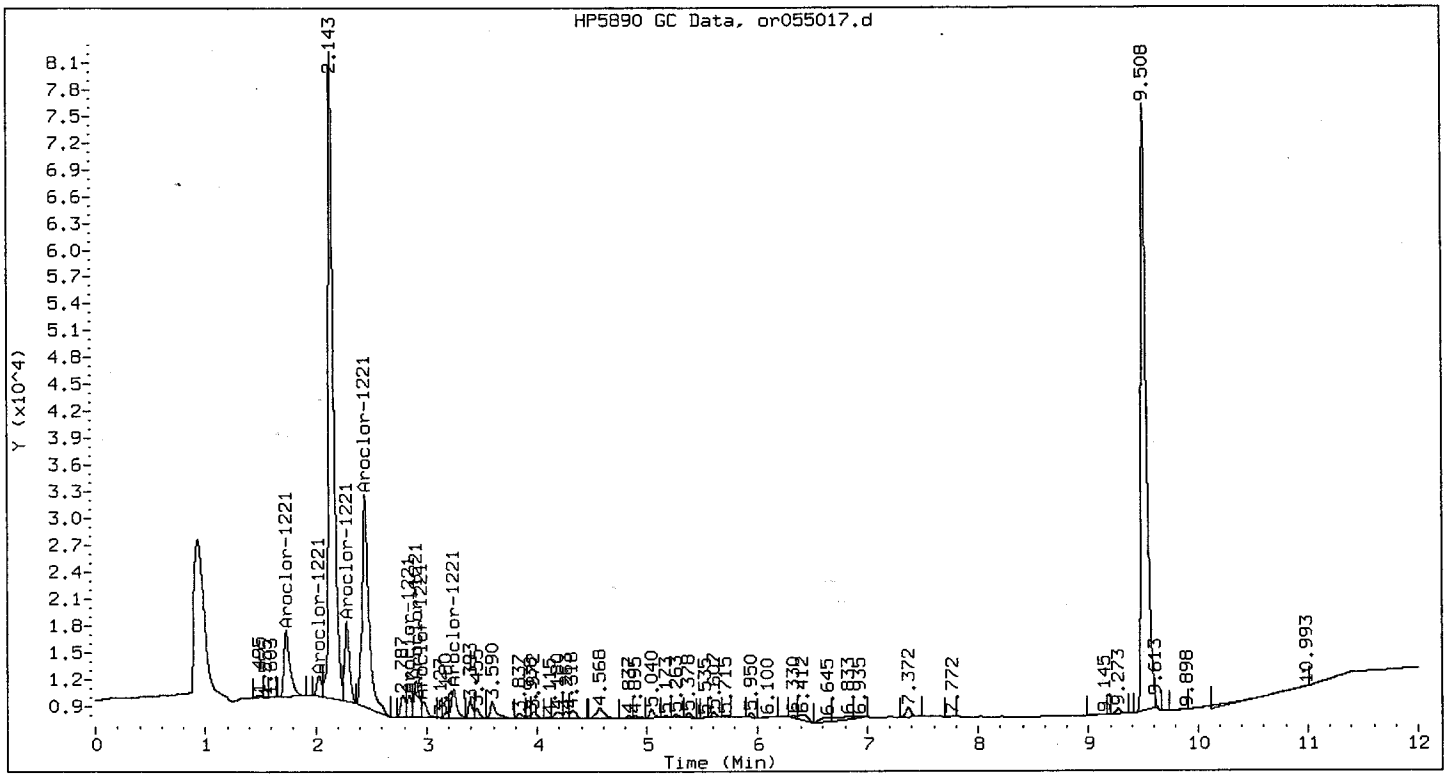
Midpoint Calibration File:

/chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/or055017.d

Compound		Midpoint Standard Response Factor
Aroclor-1221		27.15
	2	6.80
	3	27.00
	4	100.00
	5	6.93
	6	14.24
	7	5.45
	8	11.38

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/05Or8082.m
Sample Info : SG1221L3_00003_A
Lab ID : SG1221L3_00003_A
Inj Date : 09-DEC-2007 18:45
Operator : 632
Cpnd Sublist: AR12210

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1221	(M)	1.737	1.737	0.000	27146	1000.000	1000.000
(2)		2.028	2.028	0.000	6805	1000.000	1000.000
(3)		2.280	2.280	0.000	27000	1000.000	1000.000
(4)		2.448	2.448	0.000	100004	1000.000	1000.000
(5)		2.845	2.845	0.000	6934	1000.000	1000.000
(6)		2.910	2.910	0.000	14237	1000.000	1000.000
(7)		2.962	2.962	0.000	5450	1000.000	1000.000
(8)		3.248	3.248	0.000	11375	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

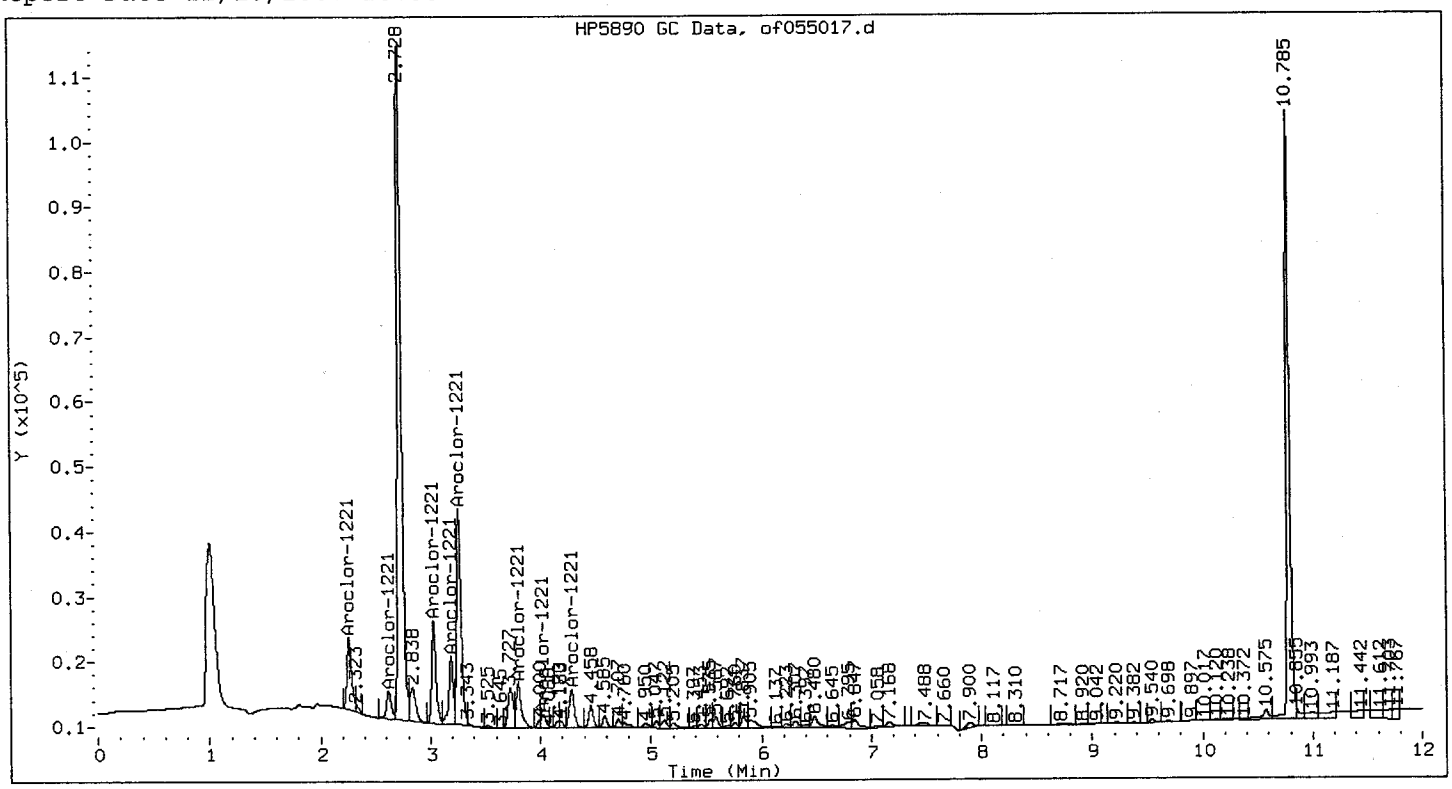
Instrument ID: PESTGC7.i Column ID: StxCLP2 Confirmatory Column

Midpoint Calibration File:

/chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/of055017.d

Compound	Midpoint Standard Response Factor
Aroclor-1221	32.13
2	13.16
3	40.81
4	28.38
5	95.40
6	23.25
7	6.15
8	20.23

Comments:
+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/05Of8082.m
Sample Info : SG1221L3_00003_A
Lab ID : SG1221L3_00003_A
Inj Date : 09-DEC-2007 18:45
Operator : 632
Cpnd Sublist: AR12210

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1221	(M)	2.257	2.257	0.000	32126	1000.000	1000.000
(2)		2.617	2.617	0.000	13156	1000.000	1000.000
(3)		3.030	3.030	0.000	40813	1000.000	1000.000
(4)		3.188	3.188	0.000	28379	1000.000	1000.000
(5)		3.258	3.258	0.000	95398	1000.000	1000.000
(6)		3.802	3.802	0.000	23254	1000.000	1000.000
(7)		4.028	4.028	0.000	6147	1000.000	1000.000
(8)		4.287	4.287	0.000	20228	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

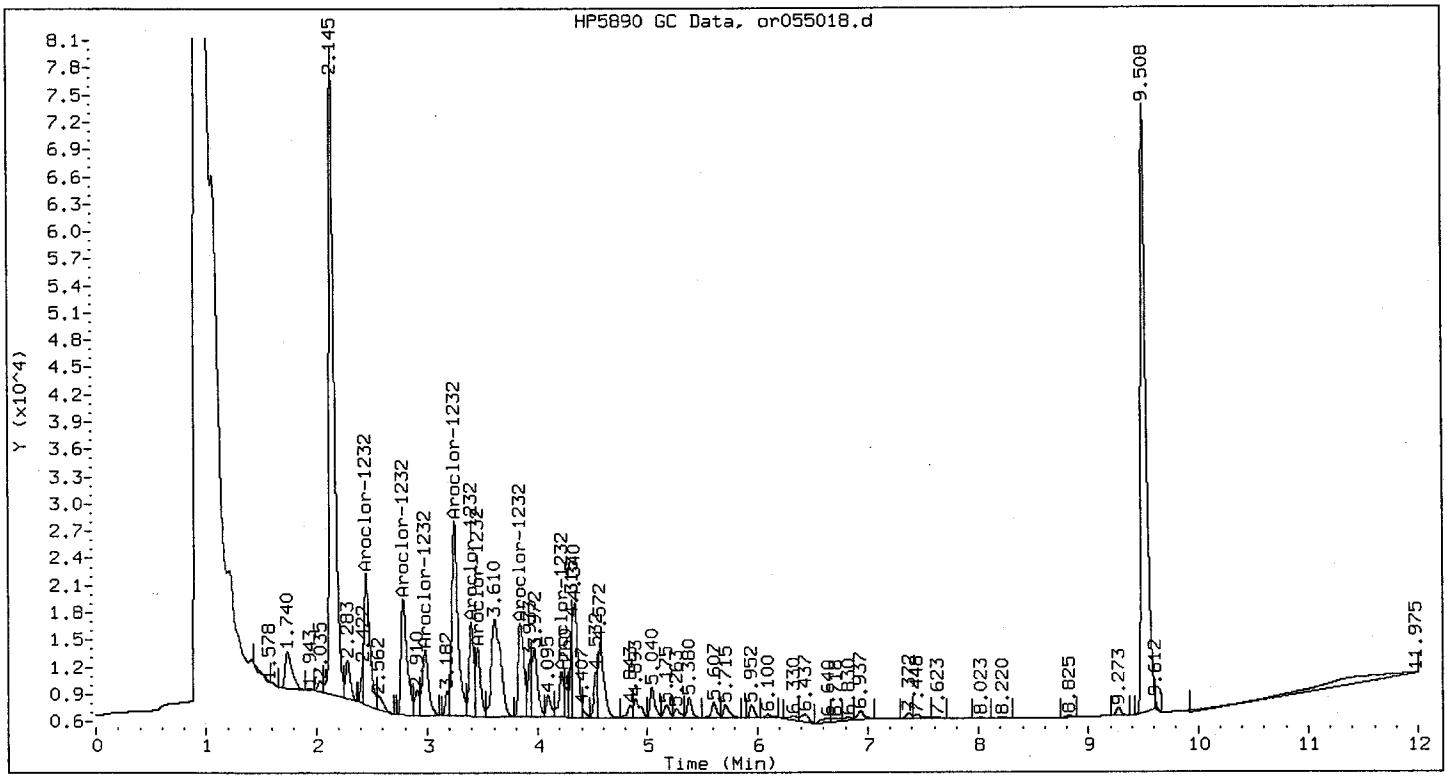
Instrument ID: PESTGC7.i Column ID: StxCLP1 Primary Column

Midpoint Calibration File:

/chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/or055018.d

Compound	Midpoint Standard Response Factor
Aroclor-1232	51.77
2	47.53
3	29.53
4	83.39
5	31.41
6	22.04
7	37.37
8	15.24

Comments:
+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/05Or8082.m
Sample Info : SG1232L3_00002_A
Lab ID : SG1232L3_00002_A
Inj Date : 09-DEC-2007 19:00
Operator : 632
Cpnd Sublist: AR12320
Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1232	(M)	2.452	2.452	0.000	51770	1000.000	1000.000
(2)		2.787	2.787	0.000	47532	1000.000	1000.000
(3)		2.983	2.983	0.000	29530	1000.000	1000.000
(4)		3.250	3.250	0.000	83391	1000.000	1000.000
(5)		3.395	3.395	0.000	31409	1000.000	1000.000
(6)		3.457	3.457	0.000	22041	1000.000	1000.000
(7)		3.838	3.838	0.000	37371	1000.000	1000.000
(8)		4.215	4.215	0.000	15239	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC7.i Column ID: StxCLP2 Confirmatory Column

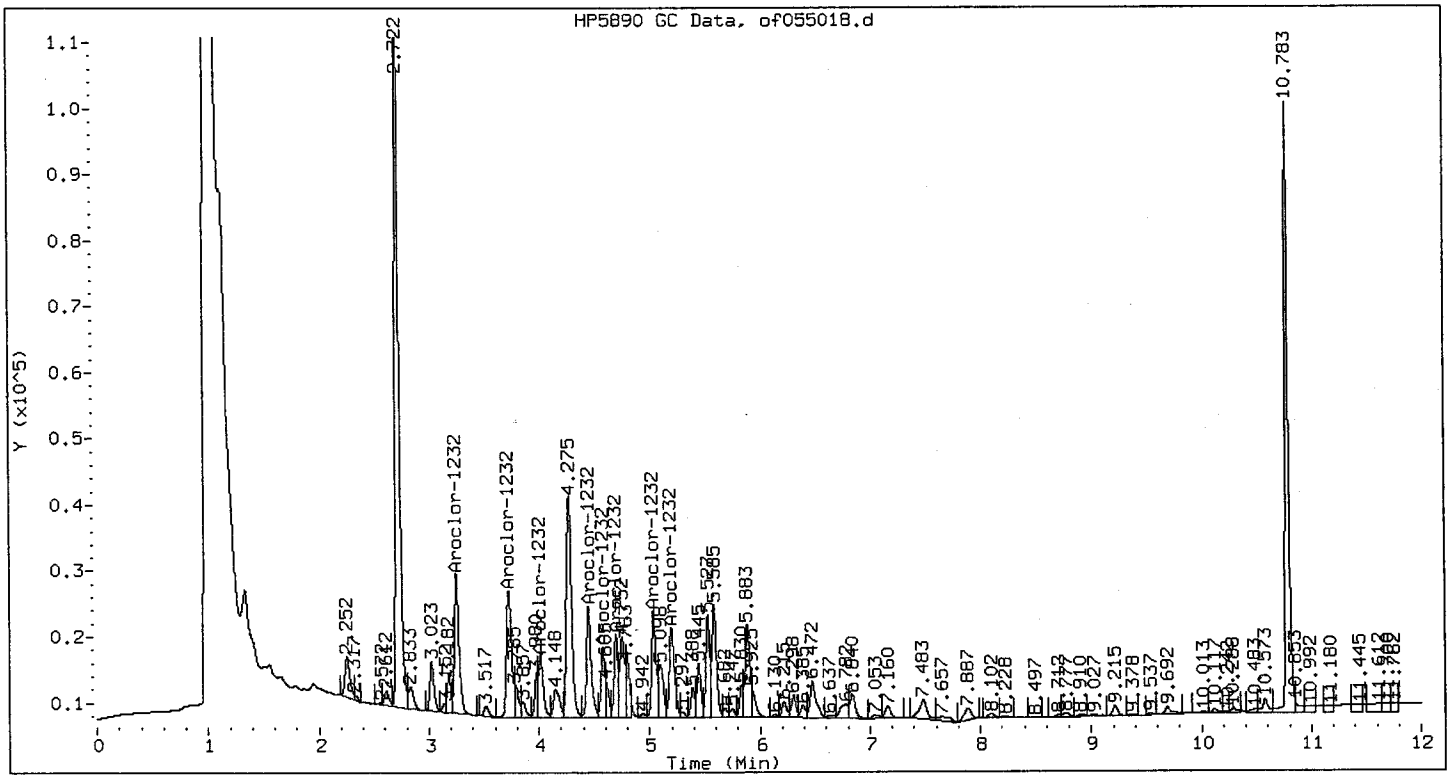
Midpoint Calibration File:

/chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/of055018.d

Compound		Midpoint Standard Response Factor
Aroclor-1232		59.67
	2	63.37
	3	28.17
	4	49.02
	5	26.04
	6	30.65
	7	40.83
	8	43.56

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/05Of8082.m
Sample Info : SG1232L3_00002_A
Lab ID : SG1232L3_00002_A
Inj Date : 09-DEC-2007 19:00
Operator : 632
Cpnd Sublist: AR12320

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1232	(M)	3.252	3.252	0.000	59675	1000.000	1000.000
(2)		3.727	3.727	0.000	63373	1000.000	1000.000
(3)		4.018	4.018	0.000	28166	1000.000	1000.000
(4)		4.447	4.447	0.000	49015	1000.000	1000.000
(5)		4.577	4.577	0.000	26044	1000.000	1000.000
(6)		4.697	4.697	0.000	30649	1000.000	1000.000
(7)		5.037	5.037	0.000	40833	1000.000	1000.000
(8)		5.197	5.197	0.000	43557	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

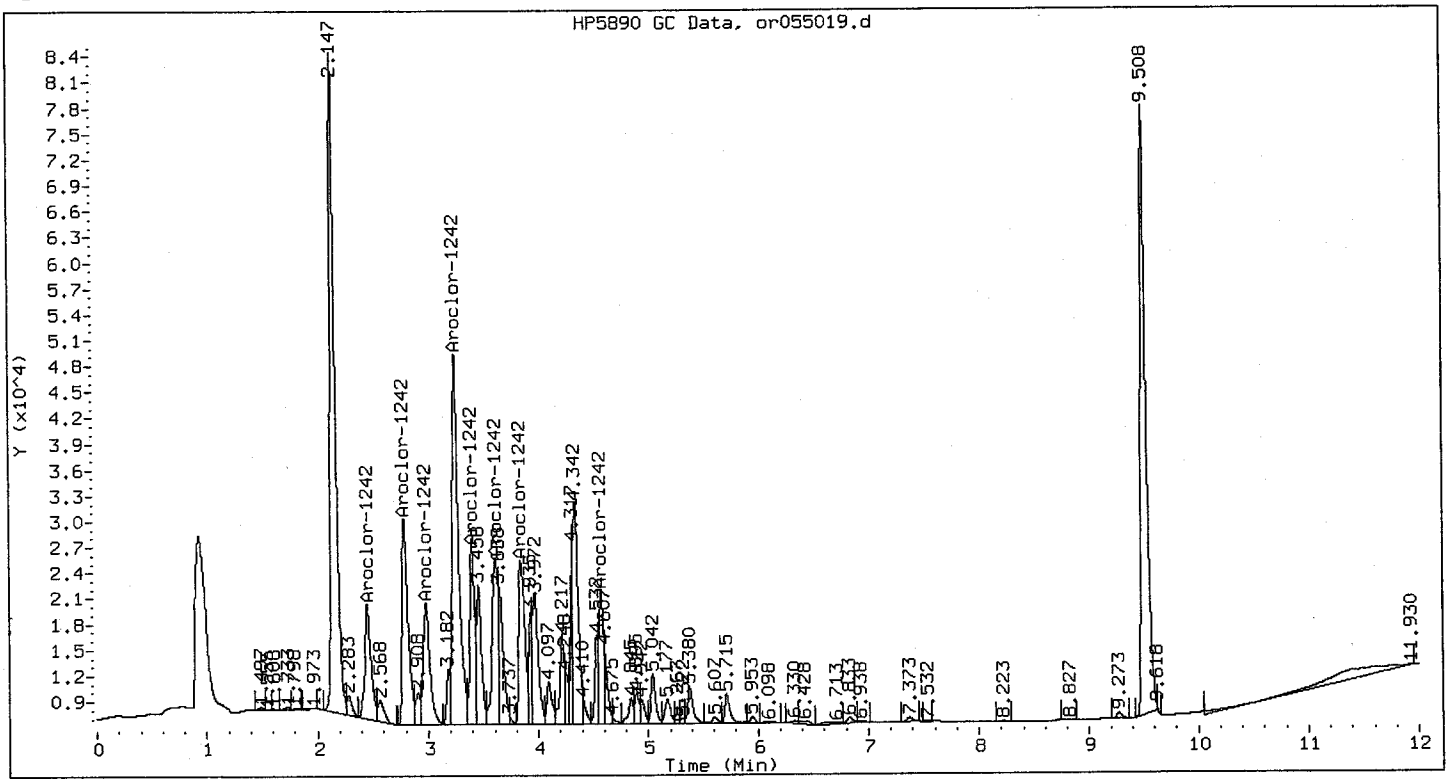
Instrument ID: PESTGC7.i Column ID: StxCLP1 Primary Column

Midpoint Calibration File:

/chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/or055019.d

Compound	Midpoint Standard Response Factor
Aroclor-1242	51.77
2	88.36
3	58.93
4	174.53
5	63.18
6	70.18
7	71.79
8	46.56

Comments:
+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/05Or8082.m
Sample Info : SG1242L3_00002_A
Lab ID : SG1242L3_00002_A
Inj Date : 09-DEC-2007 19:16
Operator : 632 12/10/07
Cpnd Sublist: AR12420

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1242	(M)	2.455	2.455	0.000	51770	1000.000	1000.000
(2)		2.788	2.788	0.000	88356	1000.000	1000.000
(3)		2.985	2.985	0.000	58931	1000.000	1000.000
(4)		3.252	3.252	0.000	174532	1000.000	1000.000
(5)		3.397	3.397	0.000	63182	1000.000	1000.000
(6)		3.613	3.613	0.000	70183	1000.000	1000.000
(7)		3.840	3.840	0.000	71794	1000.000	1000.000
(8)		4.573	4.573	0.000	46560	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

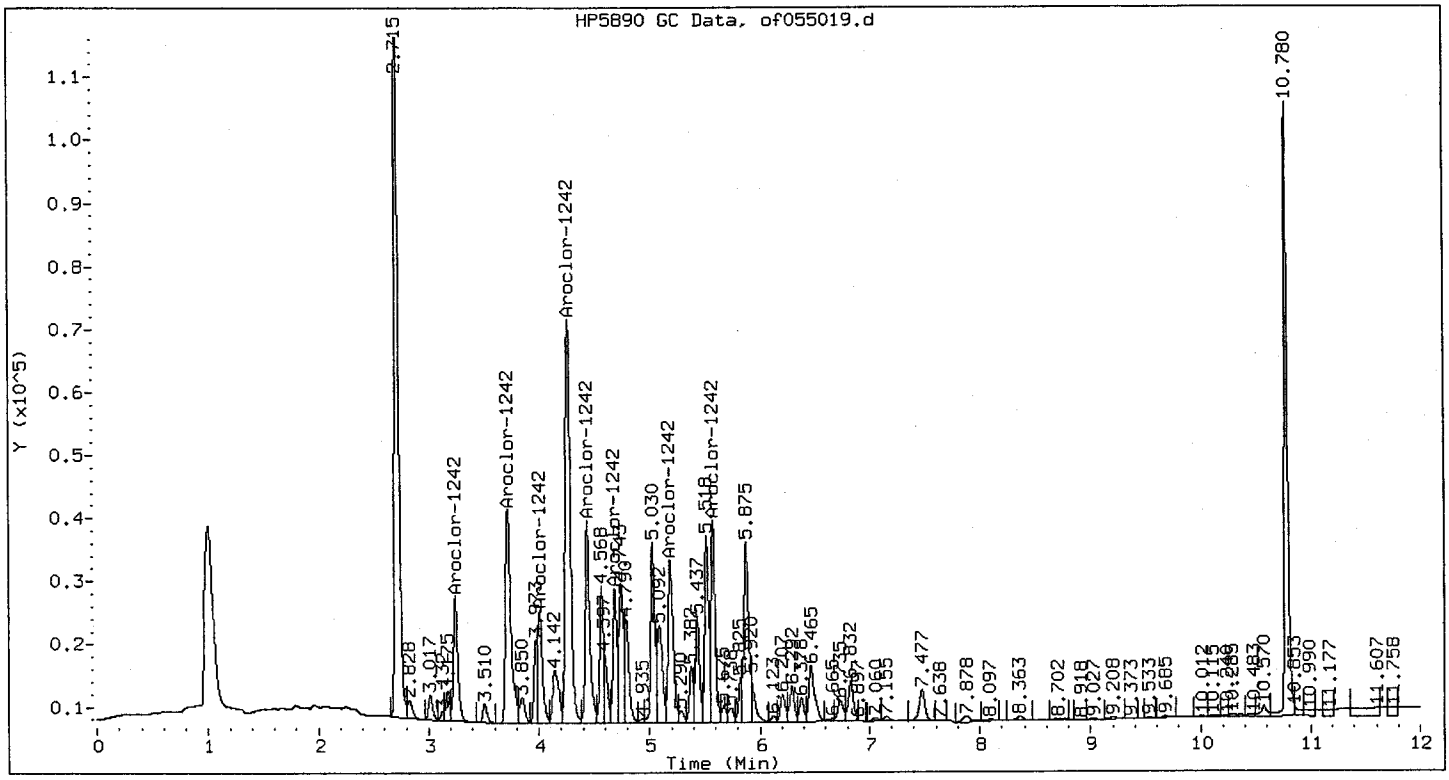
Instrument ID: PESTGC7.i Column ID: StxCLP2 Confirmatory Column

Midpoint Calibration File:

/chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/of055019.d

Compound	Midpoint Standard Response Factor
Aroclor-1242	54.72
2	118.45
3	52.18
4	212.51
5	92.47
6	50.40
7	83.30
8	87.95

Comments:
+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/05Of8082.m
Sample Info : SG1242L3_00002_A
Lab ID : SG1242L3_00002_A
Inj Date : 09-DEC-2007 19:16
Operator : 632 MM 12/10
Cpnd Sublist: AR12420

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1242	(M)	3.243	3.243	0.000	54720	1000.000	1000.000
(2)		3.718	3.718	0.000	118448	1000.000	1000.000
(3)		4.010	4.010	0.000	52182	1000.000	1000.000
(4)		4.268	4.268	0.000	212511	1000.000	1000.000
(5)		4.438	4.438	0.000	92467	1000.000	1000.000
(6)		4.688	4.688	0.000	50399	1000.000	1000.000
(7)		5.188	5.188	0.000	83296	1000.000	1000.000
(8)		5.578	5.578	0.000	87951	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC7.i Column ID: StxCLP1 Primary Column

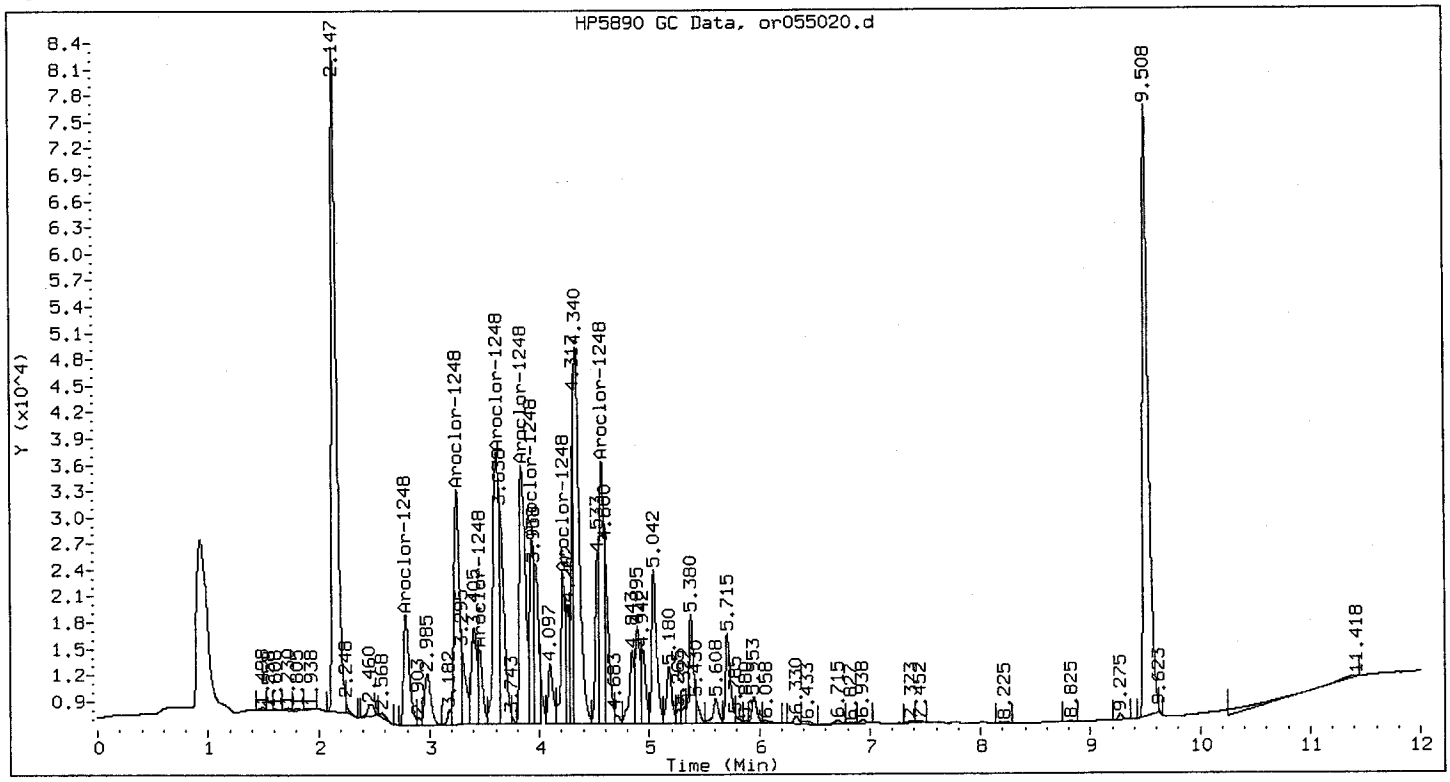
Midpoint Calibration File:

/chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/or055020.d

Compound		Midpoint Standard Response Factor
Aroclor-1248		43.52
	2	91.59
	3	24.14
	4	111.65
	5	109.65
	6	58.61
	7	47.17
	8	88.69

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/05Or8082.m
Sample Info : SG1248L3_00002_A
Lab ID : SG1248L3_00002_A
Inj Date : 09-DEC-2007 19:31
Operator : 632
Cpnd Sublist: AR12480
Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1248	(M)	2.788	2.788	0.000	43522	1000.000	1000.000
(2)		3.250	3.250	0.000	91586	1000.000	1000.000
(3)		3.457	3.457	0.000	24136	1000.000	1000.000
(4)		3.612	3.612	0.000	111646	1000.000	1000.000
(5)		3.840	3.840	0.000	109654	1000.000	1000.000
(6)		3.933	3.933	0.000	58610	1000.000	1000.000
(7)		4.218	4.218	0.000	47167	1000.000	1000.000
(8)		4.573	4.573	0.000	88693	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

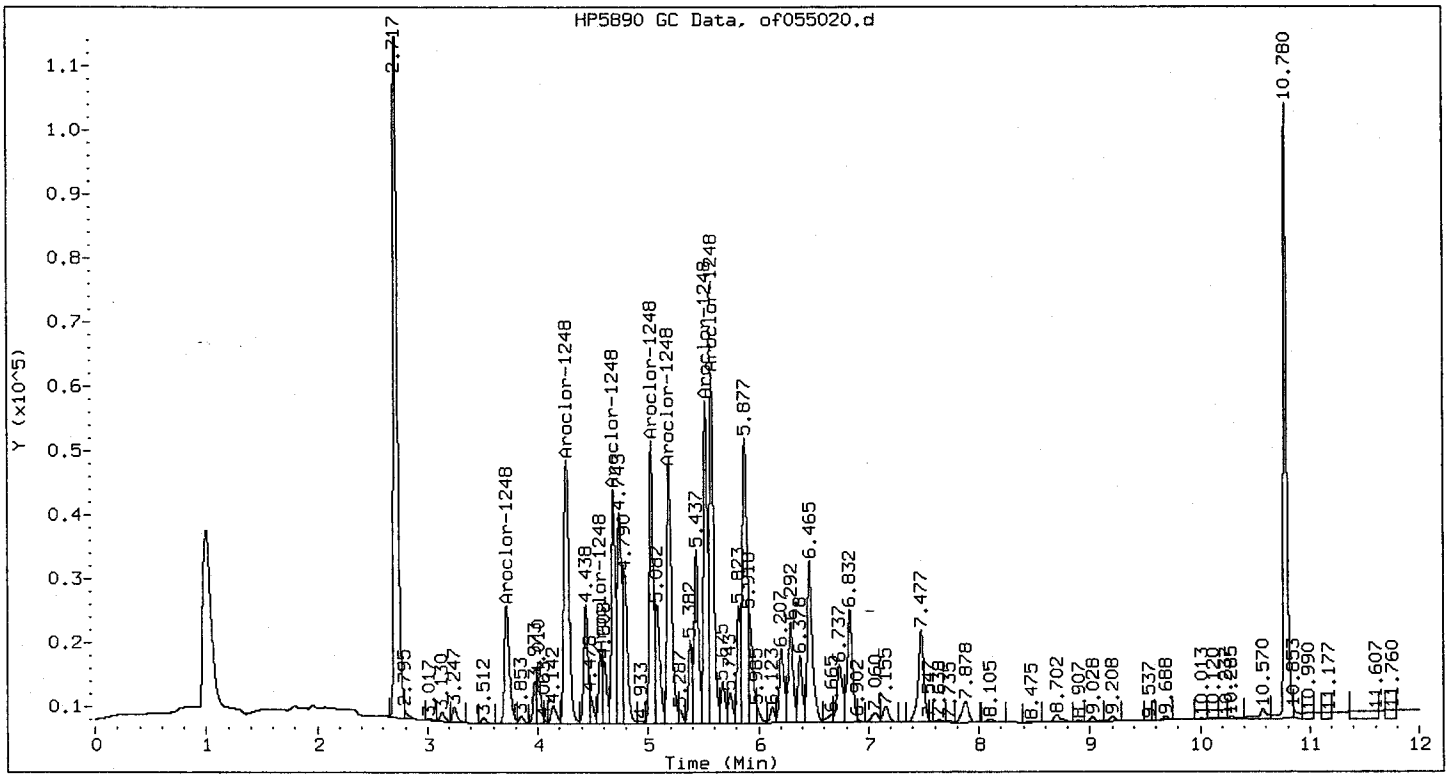
Instrument ID: PESTGC7.i Column ID: StxCLP2 Confirmatory Column

Midpoint Calibration File:

/chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/of055020.d

Compound		Midpoint Standard Response Factor
Aroclor-1248		57.88
	2	138.35
	3	25.02
	4	86.57
	5	108.91
	6	123.14
	7	121.81
	8	149.45

Comments:
+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/05Of8082.m
Sample Info : SG1248L3_00002_A
Lab ID : SG1248L3_00002_A
Inj Date : 09-DEC-2007 19:31
Operator : 632
Cpnd Sublist: AR12480
Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1248	(M)	3.718	3.718	0.000	57877	1000.000	1000.000
(2)		4.267	4.267	0.000	138349	1000.000	1000.000
(3)		4.570	4.570	0.000	25021	1000.000	1000.000
(4)		4.688	4.688	0.000	86570	1000.000	1000.000
(5)		5.030	5.030	0.000	108905	1000.000	1000.000
(6)		5.188	5.188	0.000	123139	1000.000	1000.000
(7)		5.520	5.520	0.000	121809	1000.000	1000.000
(8)		5.577	5.577	0.000	149452	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC7.i Column ID: StxCLP1 Primary Column

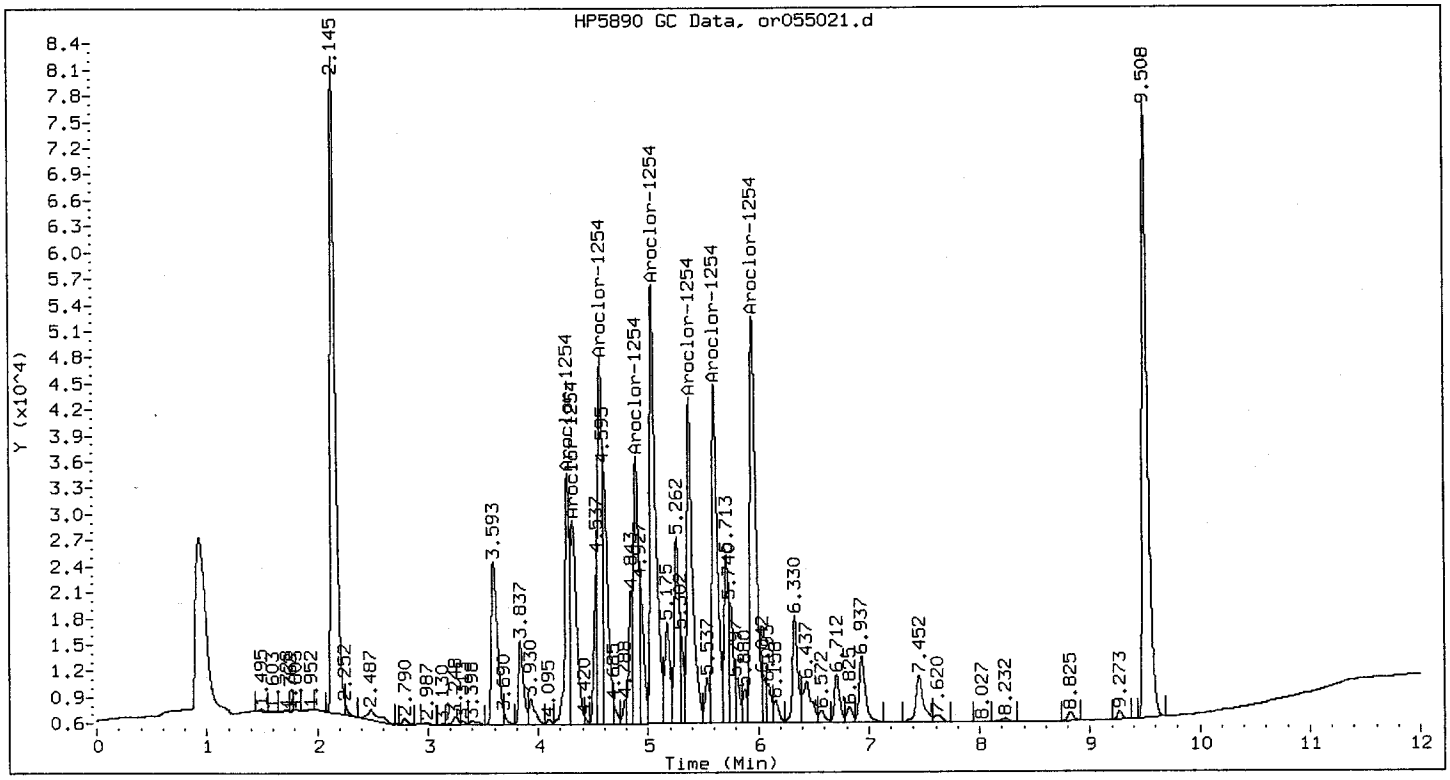
Midpoint Calibration File:

/chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/or055021.d

Compound		Midpoint Standard Response Factor
Aroclor-1254		81.75
	2	88.71
	3	120.37
	4	93.14
	5	183.40
	6	135.00
	7	135.27
	8	179.49

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/05Or8082.m
Sample Info : SG1254L3_00002_A
Lab ID : SG1254L3_00002_A
Inj Date : 09-DEC-2007 19:48
Operator : 632
Cpnd Sublist: AR12540

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1254	(M)	4.265	4.265	0.000	81752	1000.000	1000.000
(2)		4.313	4.313	0.000	88713	1000.000	1000.000
(3)		4.567	4.567	0.000	120366	1000.000	1000.000
(4)		4.892	4.892	0.000	93137	1000.000	1000.000
(5)		5.040	5.040	0.000	183399	1000.000	1000.000
(6)		5.378	5.378	0.000	135000	1000.000	1000.000
(7)		5.605	5.605	0.000	135267	1000.000	1000.000
(8)		5.952	5.952	0.000	179494	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC7.i Column ID: StxCLP2 Confirmatory Column

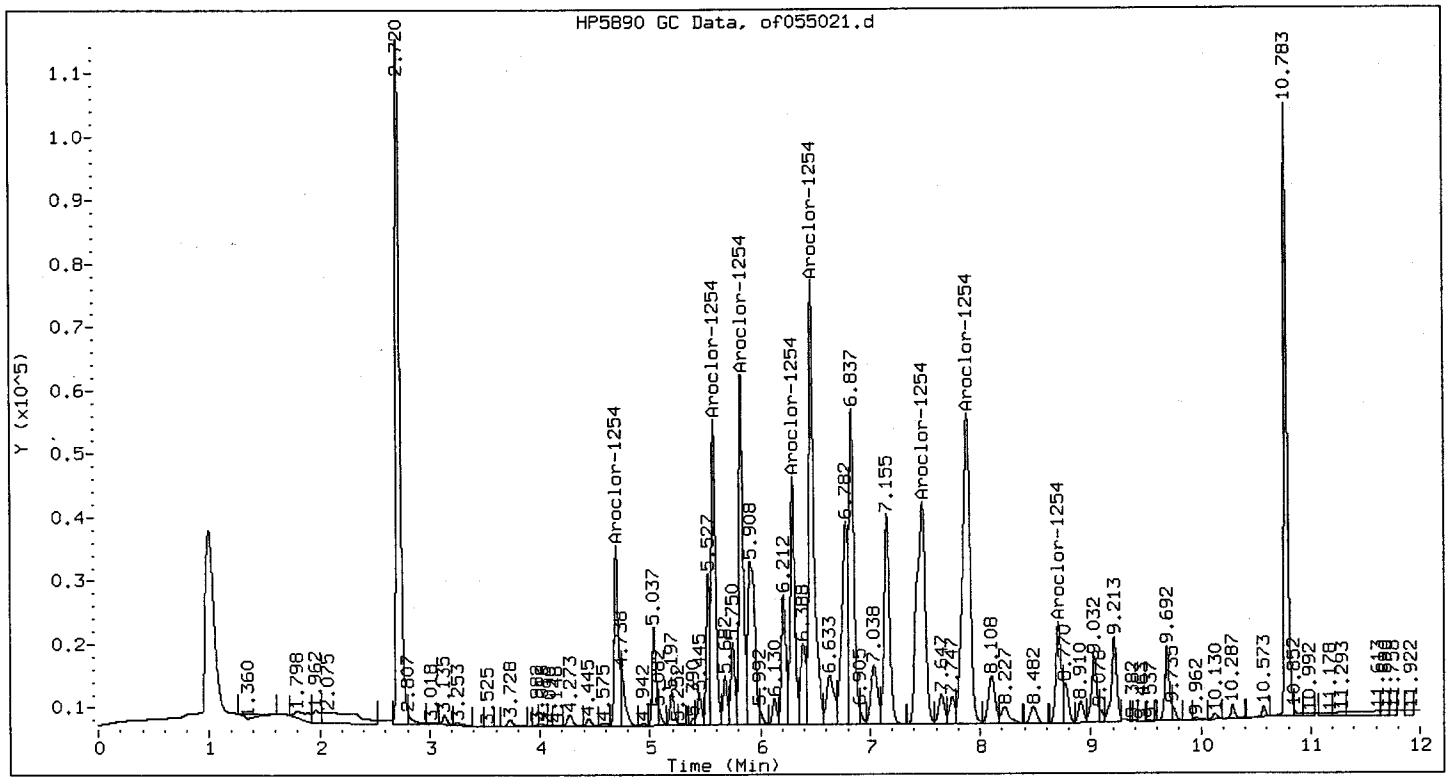
Midpoint Calibration File:

/chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/of055021.d

Compound	Midpoint Standard Response Factor
Aroclor-1254	73.58
2	133.91
3	144.40
4	109.53
5	232.25
6	189.25
7	231.26
8	54.93

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/05Of8082.m
Sample Info : SG1254L3_00002_A
Lab ID : SG1254L3_00002_A
Inj Date : 09-DEC-2007 19:48
Operator : 632
Cpnd Sublist: AR12540
Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1254	(M)	4.695	4.695	0.000	73579	1000.000	1000.000
(2)		5.577	5.577	0.000	133908	1000.000	1000.000
(3)		5.827	5.827	0.000	144402	1000.000	1000.000
(4)		6.297	6.297	0.000	109529	1000.000	1000.000
(5)		6.470	6.470	0.000	232247	1000.000	1000.000
(6)		7.478	7.478	0.000	189246	1000.000	1000.000
(7)		7.883	7.883	0.000	231258	1000.000	1000.000
(8)		8.708	8.708	0.000	54931	1000.000	1000.000
Average of peak concentrations:							1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC7.i Column ID: StxCLP1 Primary Column

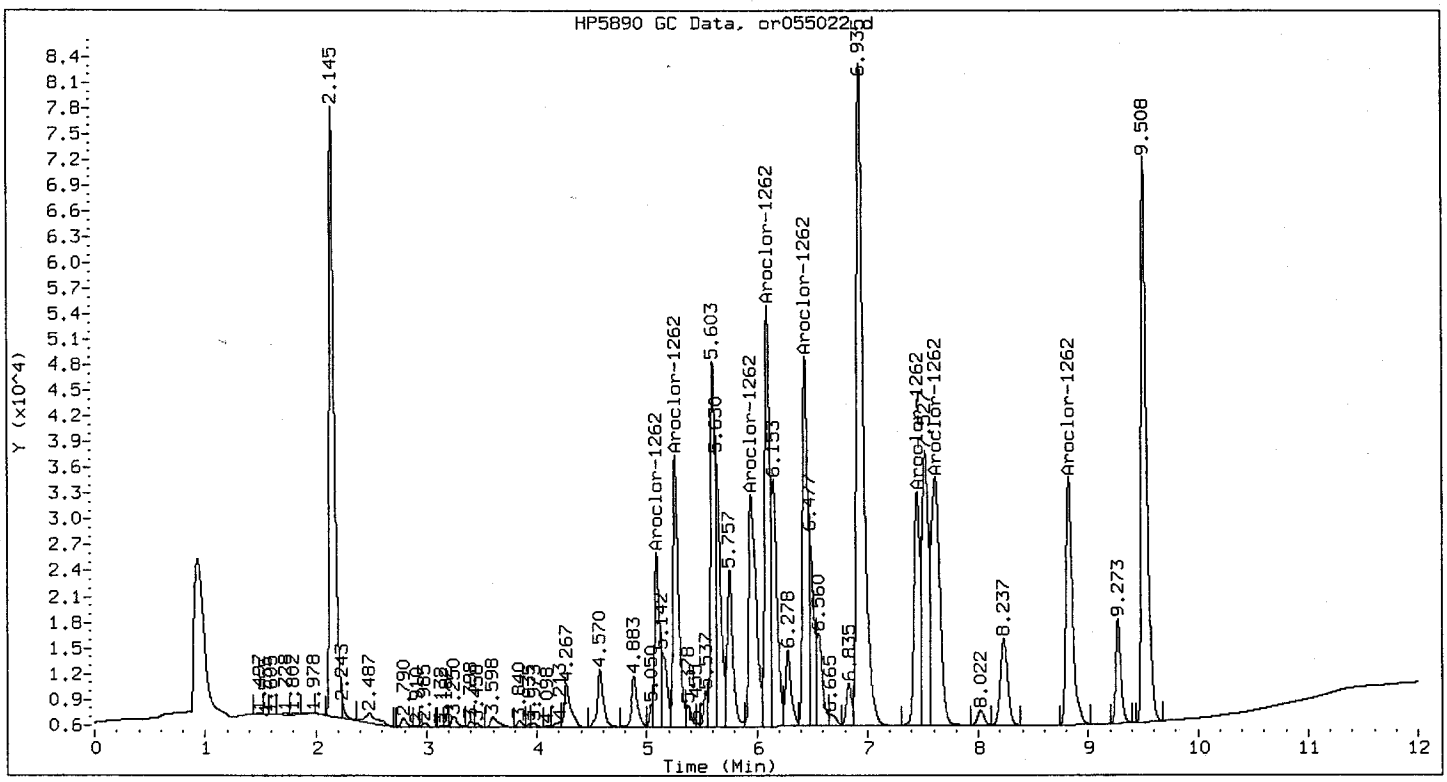
Midpoint Calibration File:

/chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/or055022.d

Compound		Midpoint Standard Response Factor
Aroclor-1262		66.67
	2	109.78
	3	123.32
	4	157.01
	5	139.68
	6	99.98
	7	157.01
	8	118.26

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/05Or8082.m
Sample Info : SG1262L3_00002_A
Lab ID : SG1262L3_00002_A
Inj Date : 09-DEC-2007 20:05
Operator : 632
Cpnd Sublist: AR12620

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1262	(M)	5.093	5.093	0.000	66673	1000.000	1000.000
(2)		5.262	5.262	0.000	109783	1000.000	1000.000
(3)		5.950	5.950	0.000	123320	1000.000	1000.000
(4)		6.098	6.098	0.000	157008	1000.000	1000.000
(5)		6.438	6.438	0.000	139677	1000.000	1000.000
(6)		7.452	7.452	0.000	99978	1000.000	1000.000
(7)		7.615	7.615	0.000	157007	1000.000	1000.000
(8)		8.825	8.825	0.000	118260	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC7.i Column ID: StxCLP2 Confirmatory Column

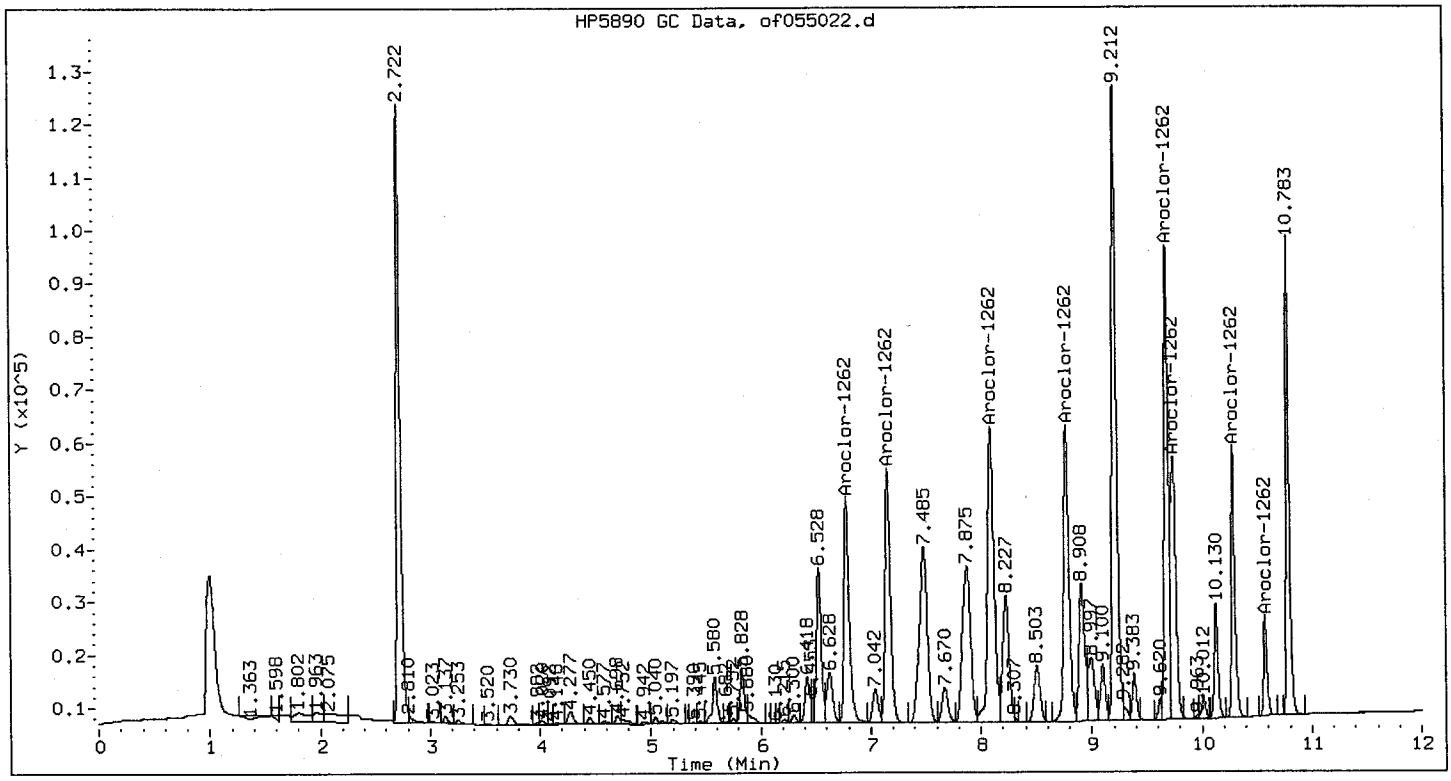
Midpoint Calibration File:

/chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/of055022.d

Compound		Midpoint Standard Response Factor
Aroclor-1262		138.96
	2	158.90
	3	229.18
	4	192.55
	5	231.56
	6	161.29
	7	111.93
	8	38.91

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/05Of8082.m
Sample Info : SG1262L3_00002_A
Lab ID : SG1262L3_00002_A
Inj Date : 09-DEC-2007 20:05
Operator : 632
Cpnd Sublist: AR12620

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1262	(M)	6.783	6.783	0.000	138962	1000.000	1000.000
(2)		7.157	7.157	0.000	158899	1000.000	1000.000
(3)		8.097	8.097	0.000	229176	1000.000	1000.000
(4)		8.775	8.775	0.000	192549	1000.000	1000.000
(5)		9.687	9.687	0.000	231555	1000.000	1000.000
(6)		9.743	9.743	0.000	161290	1000.000	1000.000
(7)		10.287	10.287	0.000	111932	1000.000	1000.000
(8)		10.572	10.572	0.000	38908	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC7.i Column ID: StxCLP1 Primary Column

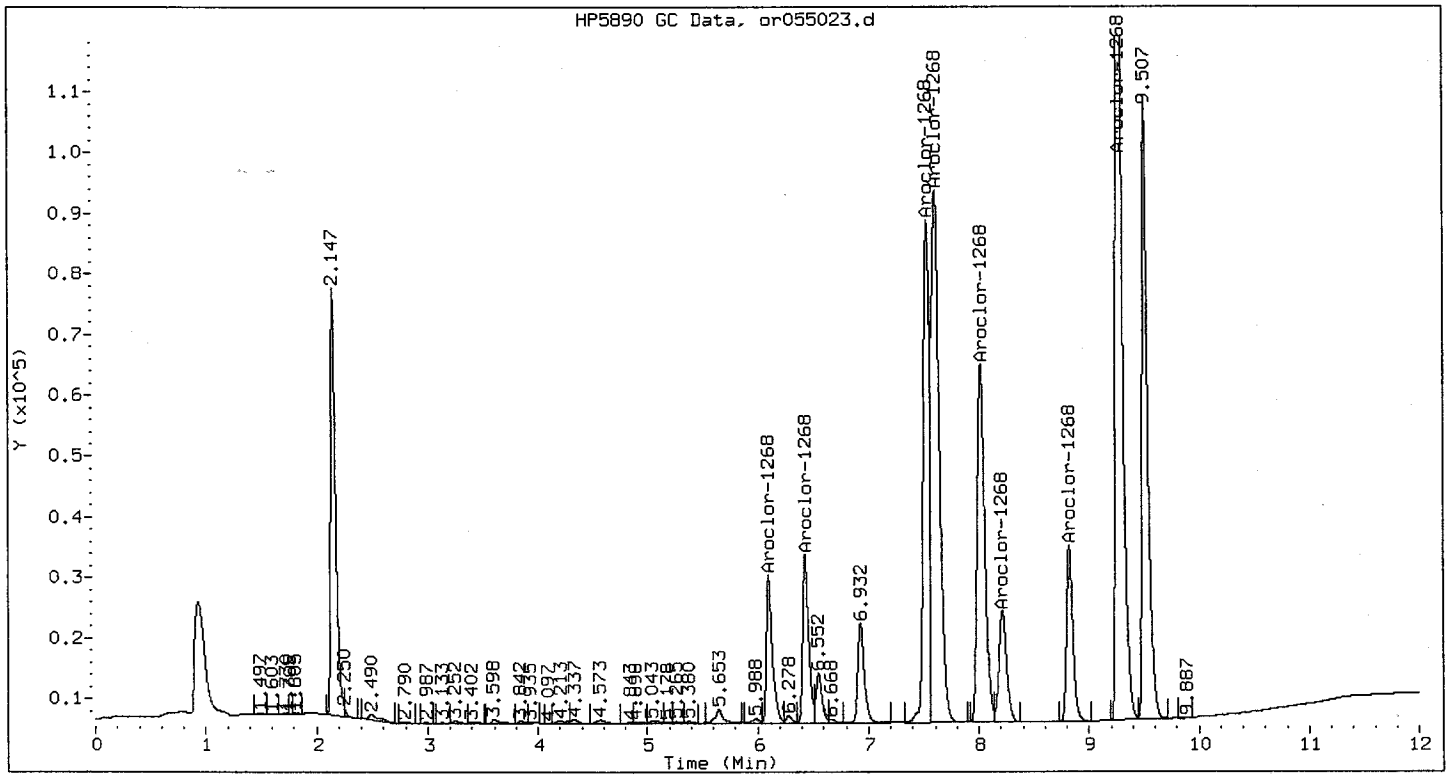
Midpoint Calibration File:

/chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/or055023.d

Compound		Midpoint Standard Response Factor
Aroclor-1268		90.45
	2	103.65
	3	323.19
	4	443.88
	5	284.61
	6	89.36
	7	115.26
	8	717.86

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/05Or8082.m
Sample Info : SG1268L3_00002_A
Lab ID : SG1268L3_00002_A
Inj Date : 09-DEC-2007 20:20
Operator : 632 12/10
Cpnd Sublist: AR12680

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1268	(M)	6.098	6.098	0.000	90448	1000.000	1000.000
(2)		6.430	6.430	0.000	103652	1000.000	1000.000
(3)		7.527	7.527	0.000	323186	1000.000	1000.000
(4)		7.603	7.603	0.000	443881	1000.000	1000.000
(5)		8.018	8.018	0.000	284608	1000.000	1000.000
(6)		8.215	8.215	0.000	89356	1000.000	1000.000
(7)		8.823	8.823	0.000	115263	1000.000	1000.000
(8)		9.270	9.270	0.000	717857	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC7.i Column ID: StxCLP2 Confirmatory Column

Midpoint Calibration File:

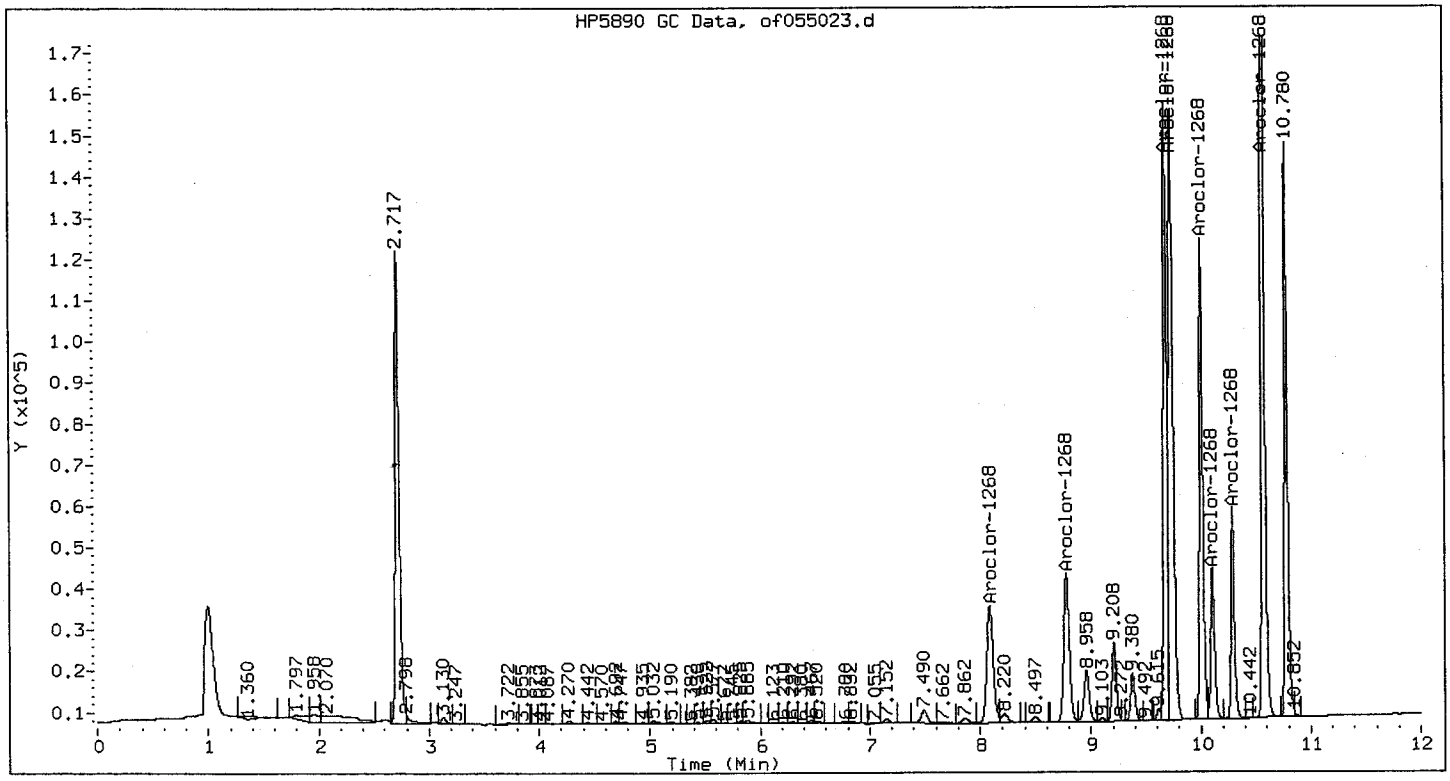
/chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/of055023.d

Compound		Midpoint Standard Response Factor
Aroclor-1268		113.60
	2	126.26
	3	333.26
	4	405.25
	5	239.82
	6	87.73
	7	104.91
	8	533.31

Comments:

+ = Multi-component peak not used in calibration of compound.

Data File: /chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/of055023.d Page 1
Report Date 12/10/2007 10:36



Method : /chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/05Of8082.m
Sample Info : SG1268L3_00002_A
Lab ID : SG1268L3_00002_A
Inj Date : 09-DEC-2007 20:20
Operator : 632
Cpnd Sublist: AR12680

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1268	(M)	8.088	8.088	0.000	113601	1000.000	1000.000
(2)		8.777	8.777	0.000	126264	1000.000	1000.000
(3)		9.680	9.680	0.000	333262	1000.000	1000.000
(4)		9.733	9.733	0.000	405253	1000.000	1000.000
(5)		10.007	10.007	0.000	239818	1000.000	1000.000
(6)		10.105	10.105	0.000	87734	1000.000	1000.000
(7)		10.283	10.283	0.000	104913	1000.000	1000.000
(8)		10.568	10.568	0.000	533306	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC7.i/8082/rear/Jan08/01-03-08/03jan08a.b/or055675.d
Method: /chem1/PESTGC7.i/8082/rear/Jan08/01-03-08/03jan08a.b/05Or8082.m

Sample Information: SG1660L3_00003_A
Injection Date: 03-JAN-2008 09:22

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.472	1000	991.35	0.86
Aroclor-1016	2	2.802	1000	997.10	0.29
Aroclor-1016	3	2.997	1000	1041.22	4.12
Aroclor-1016	4	3.262	1000	984.74	1.53
Aroclor-1016	5	3.407	1000	980.62	1.94
Aroclor-1016	6	3.467	1000	1051.24	5.12
Aroclor-1016	7	3.847	1000	1010.27	1.03
Aroclor-1016	8	3.940	1000	1034.42	3.44
Aroclor-1260	1	5.263	1000	1009.93	0.99
Aroclor-1260	2	5.607	1000	972.57	2.74
Aroclor-1260	3	5.953	1000	955.94	4.41
Aroclor-1260	4	6.098	1000	1020.38	2.04
Aroclor-1260	5	6.438	1000	904.05	9.59
Aroclor-1260	6	7.453	1000	784.91	21.51<-
Aroclor-1260	7	7.615	1000	1369.20	36.92<-
Aroclor-1260	8	8.825	1000	993.34	0.67

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.167	100	102.84	2.84
Decachlorobiphenyl(sur	9.507	100	101.01	1.01

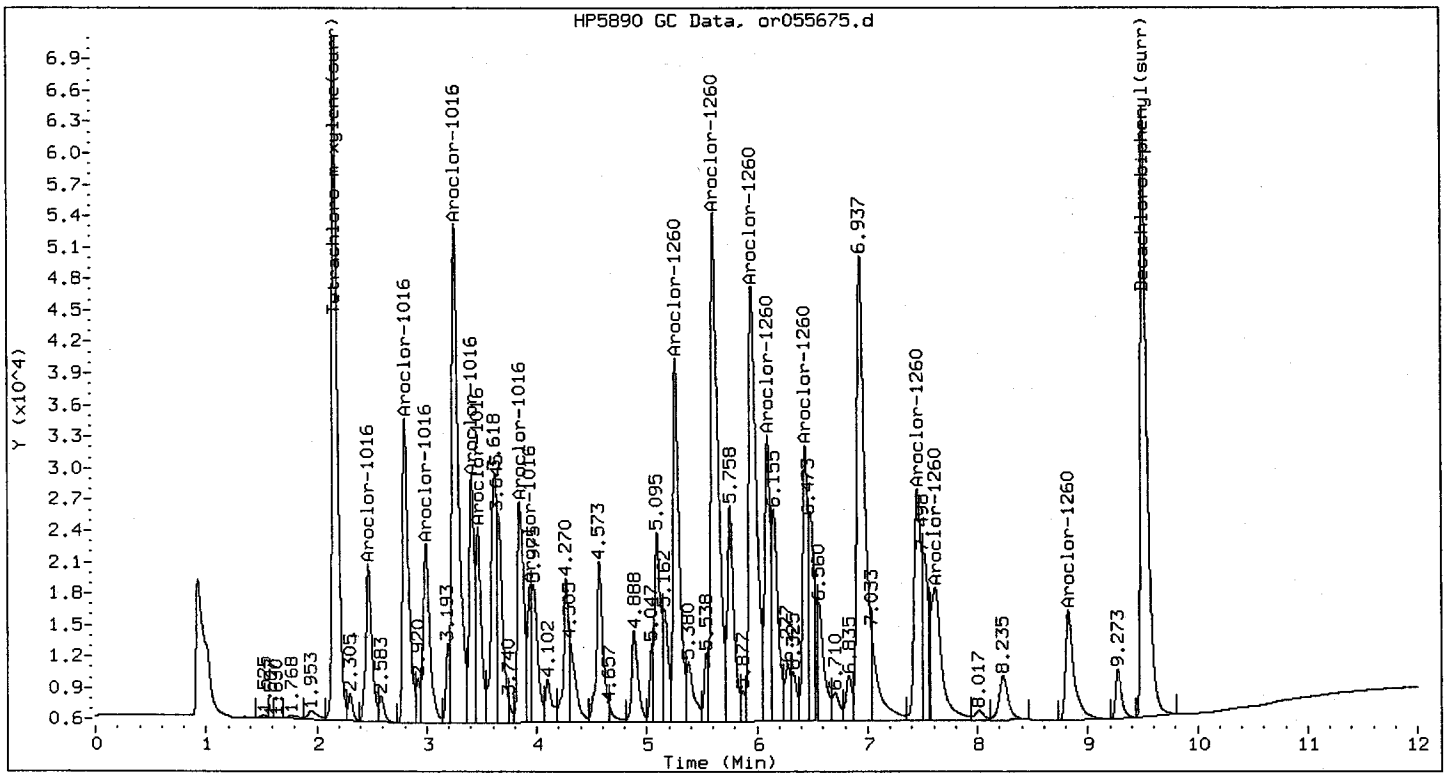
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC7.i

Midpoint Calibration File: /chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/or055012.d
Injection Date: 09-DEC-2007 17:23

Continuing Calibration File: /chem1/PESTGC7.i/8082/rear/Jan08/01-03-08/03jan08a.b/or055675.d
Injection Date: 03-JAN-2008 09:22

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.452	(2.382 - 2.522)	2.472	
	2.785	(2.715 - 2.855)	2.802	
	2.983	(2.913 - 3.053)	2.997	
	3.248	(3.178 - 3.318)	3.262	
	3.393	(3.323 - 3.463)	3.407	
	3.455	(3.385 - 3.525)	3.467	
	3.837	(3.767 - 3.907)	3.847	
	3.932	(3.862 - 4.002)	3.940	
Aroclor-1260	5.260	(5.190 - 5.330)	5.263	
	5.602	(5.532 - 5.672)	5.607	
	5.948	(5.878 - 6.018)	5.953	
	6.097	(6.027 - 6.167)	6.098	
	6.437	(6.367 - 6.507)	6.438	
	7.448	(7.378 - 7.518)	7.453	
	7.617	(7.547 - 7.687)	7.615	
	8.823	(8.753 - 8.893)	8.825	
Tetrachloro-m-xylene(surr)	2.145	(2.095 - 2.195)	2.167	
Decachlorobiphenyl(surr)	9.508	(9.408 - 9.608)	9.507	



Method : /chem1/PESTGC7.i/8082/rear/Jan08/01-03-08/03jan08a.b/05Or8082.m
Sample Info : SG1660L3_00003_A
Lab ID : SG1660L3_00003_A
Inj Date : 03-JAN-2008 09:22
Operator : 632 pm 1/3/08
Cpnd Sublist: AR16600S

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.472	2.472	0.000	57042	991.354	991.354
(2)		2.802	2.802	0.000	108535	997.095	997.095
(3)		2.997	2.997	0.000	73450	1041.220	1041.220
(4)		3.262	3.262	0.000	206776	984.738	984.738
(5)		3.407	3.407	0.000	75555	980.624	980.624
(6)		3.467	3.467	0.000	61061	1051.243	1051.243
(7)		3.847	3.847	0.000	83128	1010.272	1010.272
(8)		3.940	3.940	0.000	32789	1034.421	1034.421
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	5.263	5.263	0.000	133029	1009.930	1009.930
(2)		5.607	5.607	0.000	228032	972.566	972.566
(3)		5.953	5.953	0.000	201023	955.940	955.940
(4)		6.098	6.098	0.000	93699	1020.378	1020.378
(5)		6.438	6.438	0.000	90473	904.051	904.051
(6)		7.453	7.453	0.000	96200	784.905	784.905

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)		7.615	7.615	0.000	84988	1369.202	1369.202
(8)		8.825	8.825	0.000	56805	993.344	993.344
Average of peak concentrations:							1000.00
Tetrachloro-m-xylene(surr)		2.167	2.167	0.000	229753	102.841	102.841
Decachlorobiphenyl(surr)	(M)	9.507	9.507	0.000	237076	101.005	101.005

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC7.i/8082/front/Jan08/01-03-08/03jan08a.b/of055675.d
Method: /chem1/PESTGC7.i/8082/front/Jan08/01-03-08/03jan08a.b/05Of8082.m

Sample Information: SG1660L3_00003_A
Injection Date: 03-JAN-2008 09:22

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	3.252	1000	1104.40	10.44
Aroclor-1016	2	3.723	1000	1016.67	1.67
Aroclor-1016	3	4.012	1000	1043.25	4.33
Aroclor-1016	4	4.270	1000	1027.83	2.78
Aroclor-1016	5	4.440	1000	1053.90	5.39
Aroclor-1016	6	4.743	1000	1027.04	2.70
Aroclor-1016	7	5.028	1000	1032.06	3.21
Aroclor-1016	8	5.187	1000	1091.09	9.11
Aroclor-1260	1	6.768	1000	1008.94	0.89
Aroclor-1260	2	7.140	1000	1002.97	0.30
Aroclor-1260	3	7.860	1000	1081.70	8.17
Aroclor-1260	4	8.075	1000	1046.10	4.61
Aroclor-1260	5	8.205	1000	1107.07	10.71
Aroclor-1260	6	8.757	1000	1023.69	2.37
Aroclor-1260	7	9.678	1000	972.96	2.70
Aroclor-1260	8	10.278	1000	1041.54	4.15

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.730	100	104.51	4.51
Decachlorobiphenyl(sur	10.775	100	97.37	2.63

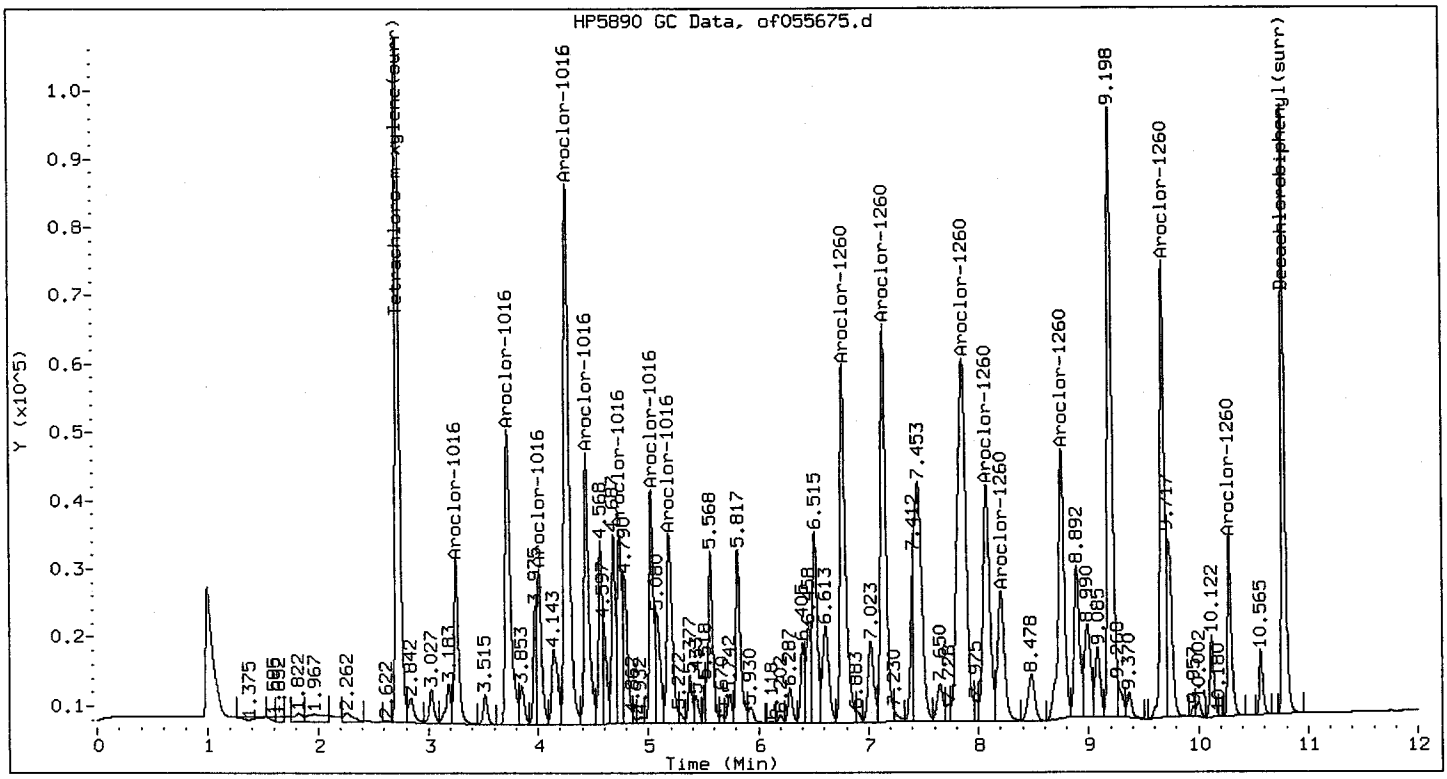
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC7.i

Midpoint Calibration File: /chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/of055012.d
Injection Date: 09-DEC-2007 17:23

Continuing Calibration File: /chem1/PESTGC7.i/8082/front/Jan08/01-03-08/03jan08a.b/of055675.d
Injection Date: 03-JAN-2008 09:22

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	3.250	(3.180 - 3.320)	3.252	
	3.725	(3.655 - 3.795)	3.723	
	4.015	(3.945 - 4.085)	4.012	
	4.273	(4.203 - 4.343)	4.270	
	4.445	(4.375 - 4.515)	4.440	
	4.750	(4.680 - 4.820)	4.743	
	5.035	(4.965 - 5.105)	5.028	
	5.195	(5.125 - 5.265)	5.187	
Aroclor-1260	6.780	(6.710 - 6.850)	6.768	
	7.153	(7.083 - 7.223)	7.140	
	7.877	(7.807 - 7.947)	7.860	
	8.093	(8.023 - 8.163)	8.075	
	8.223	(8.153 - 8.293)	8.205	
	8.772	(8.702 - 8.842)	8.757	
	9.687	(9.617 - 9.757)	9.678	
	10.285	(10.215 - 10.355)	10.278	
Tetrachloro-m-xylene(surr)	2.722	(2.672 - 2.772)	2.730	
Decachlorobiphenyl(surr)	10.782	(10.682 - 10.882)	10.775	

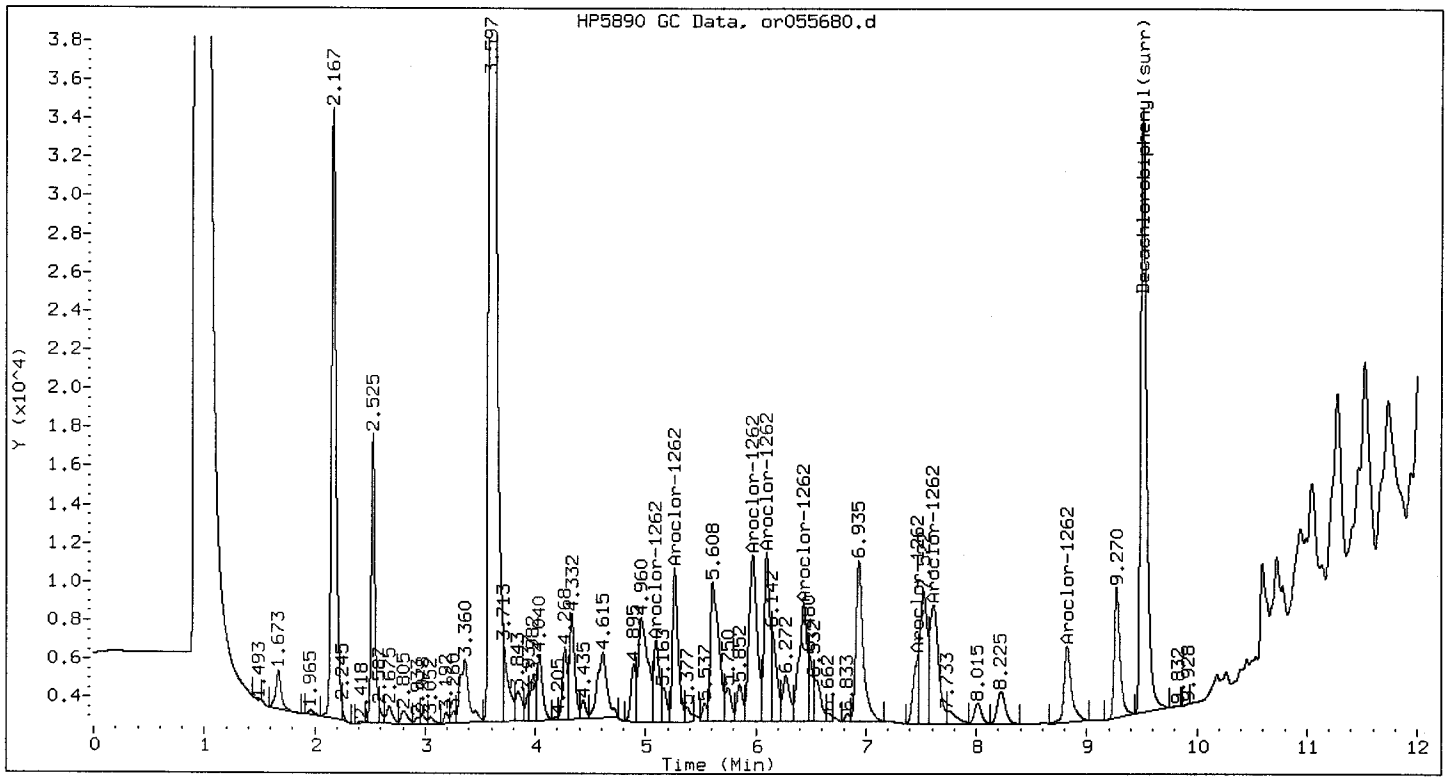


Method : /chem1/PESTGC7.i/8082/front/Jan08/01-03-08/03jan08a.b/05Of8082.m
Sample Info : SG1660L3_00003_A
Lab ID : SG1660L3_00003_A
Inj Date : 03-JAN-2008 09:22
Operator : 632 MM 1/3/08
Cpnd Sublist: AR16600S
Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	3.252	3.252	0.000	66553	1104.403	1104.403
(2)		3.723	3.723	0.000	147997	1016.673	1016.673
(3)		4.012	4.012	0.000	65599	1043.255	1043.255
(4)		4.270	4.270	0.000	269651	1027.833	1027.833
(5)		4.440	4.440	0.000	119653	1053.897	1053.897
(6)		4.743	4.743	0.000	78439	1027.036	1027.036
(7)		5.028	5.028	0.000	87667	1032.065	1032.065
(8)		5.187	5.187	0.000	93174	1091.093	1091.093
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	6.768	6.768	0.000	180671	1008.944	1008.944
(2)		7.140	7.140	0.000	202093	1002.973	1002.973
(3)		7.860	7.860	0.000	292558	1081.697	1081.697
(4)		8.075	8.075	0.000	144917	1046.102	1046.102
(5)		8.205	8.205	0.000	83149	1107.068	1107.068
(6)		8.757	8.757	0.000	154665	1023.691	1023.691

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)		9.678	9.678	0.000	191855	972.960	972.960
(8)		10.278	10.278	0.000	63681	1041.542	1041.542
Average of peak concentrations:							1000.00
Tetrachloro-m-xylene(surr)		2.730	2.730	0.000	296207	104.505	104.505
Decachlorobiphenyl(surr)	(M)	10.775	10.775	0.000	183607	97.366	97.366

COMMENTS:
M - Compound response manually integrated.



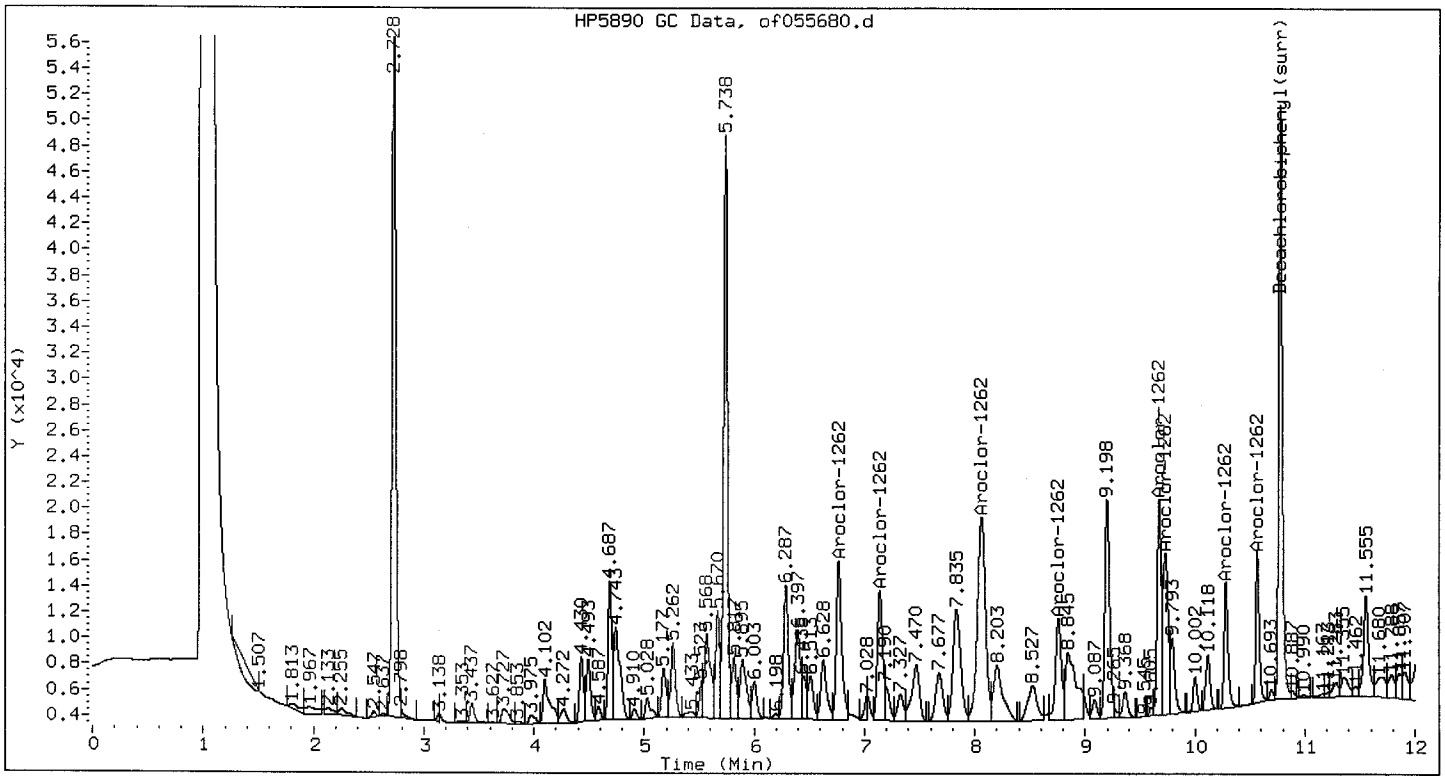
Method : /chem1/PESTGC7.i/8082/rear/Jan08/01-03-08/03jan08a.b/05Or8082.m
Sample Info : 884972;4045074
Lab ID : 884972
Inj Date : 03-JAN-2008 11:01
Operator : 632
Cpnd Sublist: PCB8082+

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1262	(M)	5.095	5.093	0.002	16186	242.767	269.292
(2)		5.263	5.262	0.002	28416	258.838	287.119
(3)		5.973	5.950	0.023	43854	355.611	394.466
(4)		6.098	6.098	0.000	31609	201.321	223.318
(5)		6.435	6.438	0.003	31671	226.745	251.519
(6)		------	7.452	------	------	------	------ (*)
(7)		------	7.615	------	------	------	------ (*)
(8)		8.822	8.825	0.003	18319	154.904	171.830
Average of peak concentrations:							270.00
Decachlorobiphenyl(surr)	(M)	9.505	9.507	0.002	115253	49.103	54.468

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

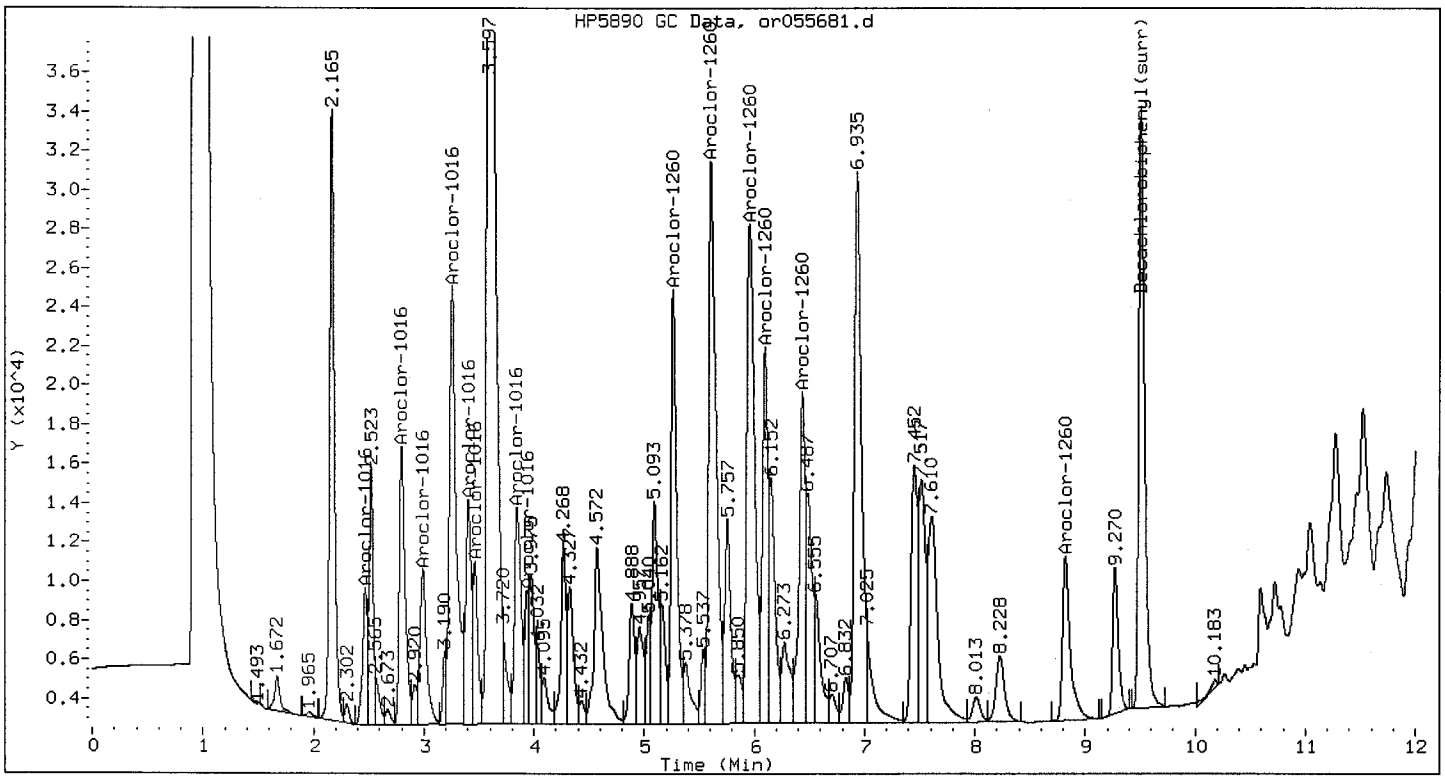


Method : /chem1/PESTGC7.i/8082/front/Jan08/01-03-08/03jan08a.b/05Of8082.m
Sample Info : 884972;4045074
Lab ID : 884972
Inj Date : 03-JAN-2008 11:01
Operator : 632 1/3/08
Cpnd Sublist: PCB8082+
Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1262	(M)	6.768	6.783	0.015	41547	298.981	331.648
(2)		7.140	7.157	0.017	34648	218.050	241.875
(3)		8.063	8.097	0.033	81562	355.892	394.778
(4)		8.758	8.775	0.017	28995	150.585	167.038
(5)		9.675	9.687	0.012	43502	187.869	208.396
(6)		9.732	9.743	0.012	41542	257.561	285.703
(7)		10.278	10.287	0.008	23367	208.761	231.570
(8)		------	10.572	------	------	------	------ (*)
Average of peak concentrations:							260.00
Decachlorobiphenyl(surr)	(M)	10.775	10.775	0.000	97957	51.946	57.622

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



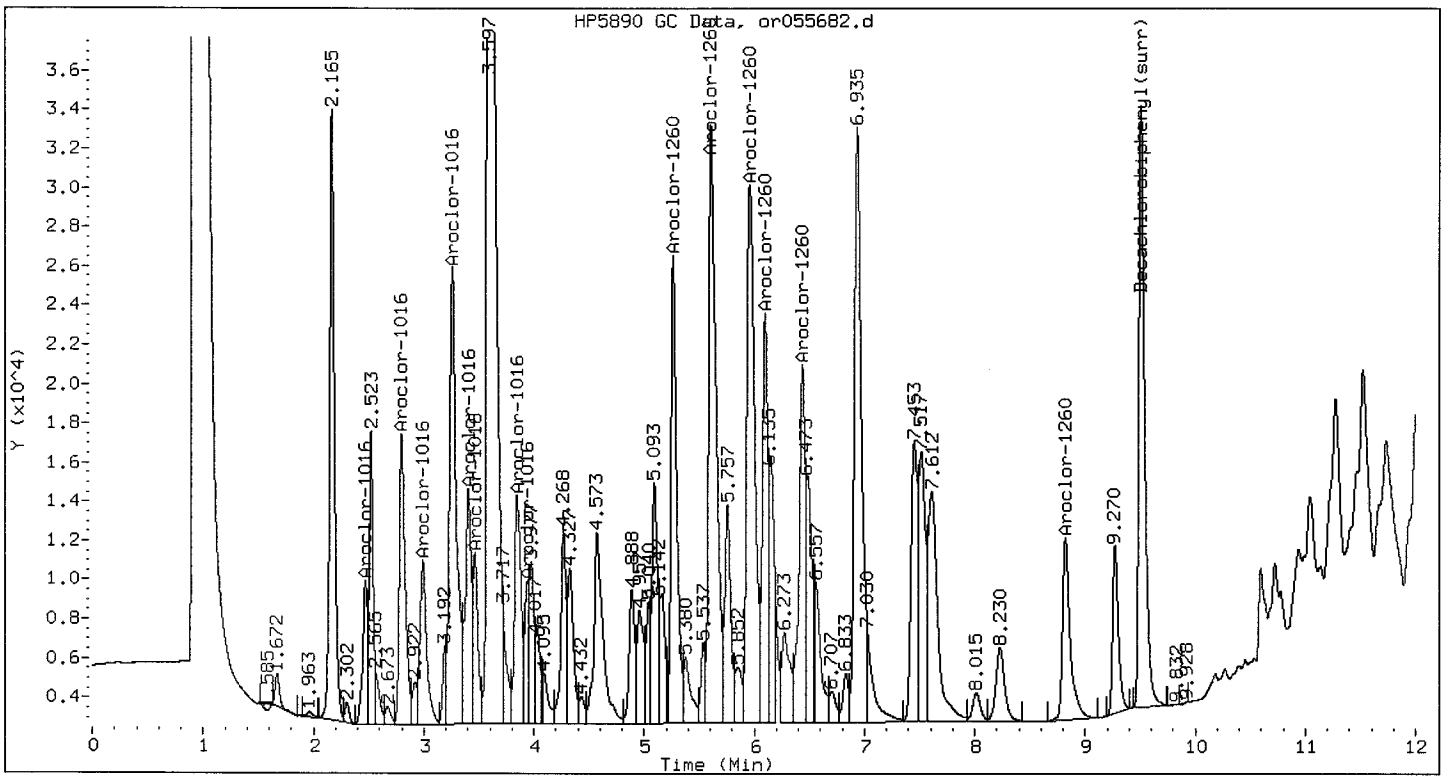
Method : /chem1/PESTGC7.i/8082/rear/Jan08/01-03-08/03jan08a.b/05Or8082.m
Sample Info : 884972ms;4070793
Lab ID : 884972MS
Inj Date : 03-JAN-2008 11:18
Operator : 632 1/3/08
Cpnd Sublist: PCB8082+
Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: MS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1016	(M)	2.470	2.472	0.002	20284	352.538	391.057
(2)		2.798	2.802	0.003	51514	473.260	524.969
(3)		2.993	2.997	0.003	34030	482.413	535.123
(4)		3.258	3.262	0.003	100742	479.768	532.188
(5)		3.403	3.407	0.003	39163	508.298	563.836
(6)		3.463	3.467	0.003	26144	450.117	499.298
(7)		3.843	3.847	0.003	44380	539.370	598.303
(8)		3.938	3.940	0.002	15616	492.679	546.510
Average of peak concentrations:							520.00
Aroclor-1260		5.262	5.263	0.002	82156	623.716	691.865
(2)		5.605	5.607	0.002	135417	577.560	640.666
(3)		5.957	5.953	0.003	126965	603.770	669.739
(4)		6.097	6.098	0.002	66382	722.907	801.893
(5)		6.437	6.438	0.002	66774	667.241	740.145
(6)		------	7.453	------	------	------	------ (*)

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)	
(7)		------	7.615	------	------	------	------	(*)
(8)		8.822	8.825	0.003	40797	713.428	791.378	
Average of peak concentrations:							720.00	
Decachlorobiphenyl(surr)	(M)	9.505	9.507	0.002	113485	48.350	53.633	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC7.i/8082/rear/Jan08/01-03-08/03jan08a.b/05Or8082.m
Sample Info : 884972sd;4070794
Lab ID : 884972MSD
Inj Date : 03-JAN-2008 11:35
Operator : 632 MM 1/3/08
Cpnd Sublist: PCB8082+

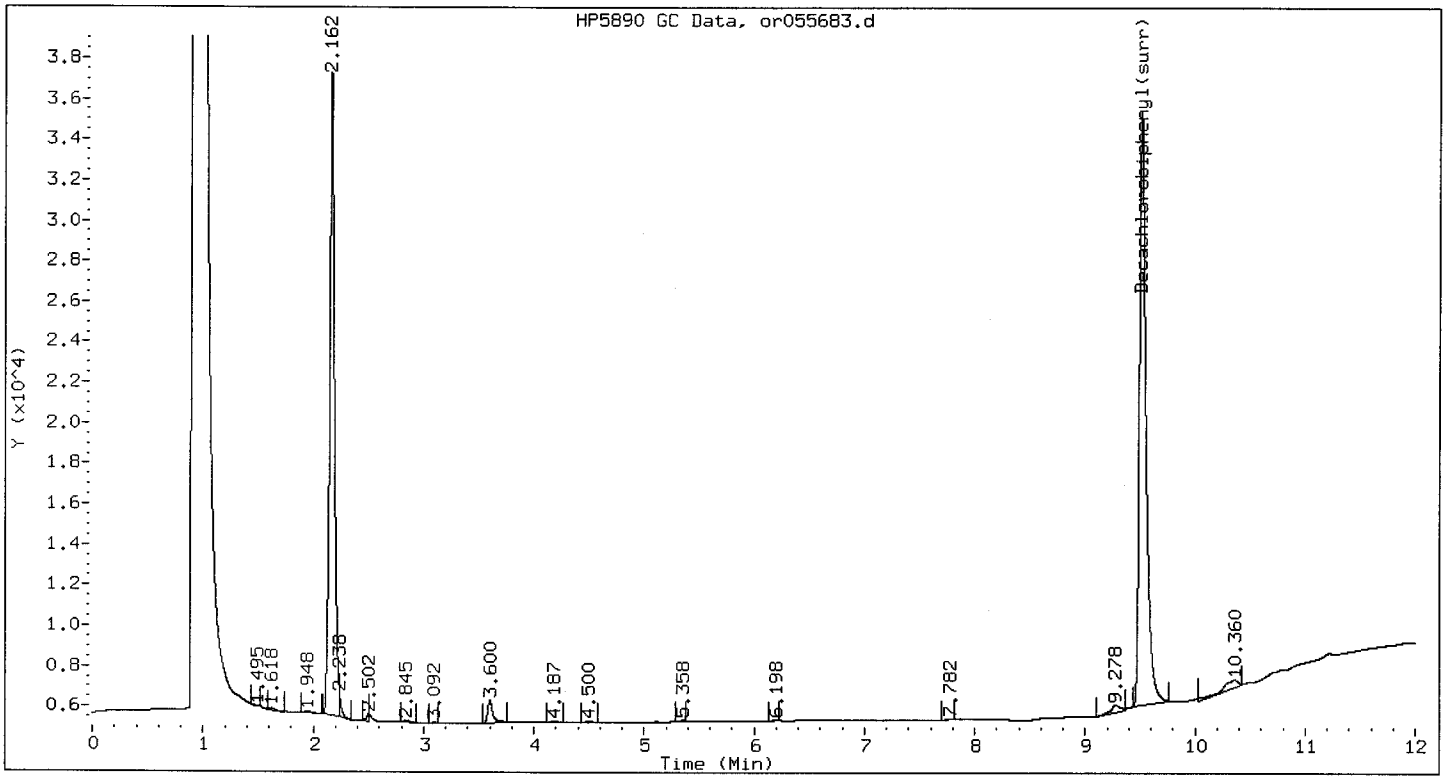
Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: MSD

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1016	(M)	2.470	2.472	0.002	20650	358.887	398.100
(2)		2.798	2.802	0.003	53869	494.894	548.967
(3)		2.995	2.997	0.002	35905	508.997	564.611
(4)		3.258	3.262	0.003	100862	480.341	532.824
(5)		3.403	3.407	0.003	46435	602.690	668.542
(6)		3.463	3.467	0.003	27494	473.355	525.074
(7)		3.845	3.847	0.002	47257	574.336	637.090
(8)		3.938	3.940	0.002	16096	507.820	563.306
Average of peak concentrations:							550.00
Aroclor-1260		5.262	5.263	0.002	88110	668.915	742.002
(2)		5.605	5.607	0.002	144545	616.492	683.851
(3)		5.958	5.953	0.005	137031	651.635	722.834
(4)		6.097	6.098	0.002	71721	781.048	866.387
(5)		6.437	6.438	0.002	72747	726.925	806.351
(6)		------	7.453	------	------	------	------ (*)

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)	
(7)		------	7.615	------	------	------	------	(*)
(8)		8.823	8.825	0.002	45006	787.029	873.022	
Average of peak concentrations:							780.00	
Decachlorobiphenyl(surr)	(M)	9.505	9.507	0.002	112930	48.114	53.371	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



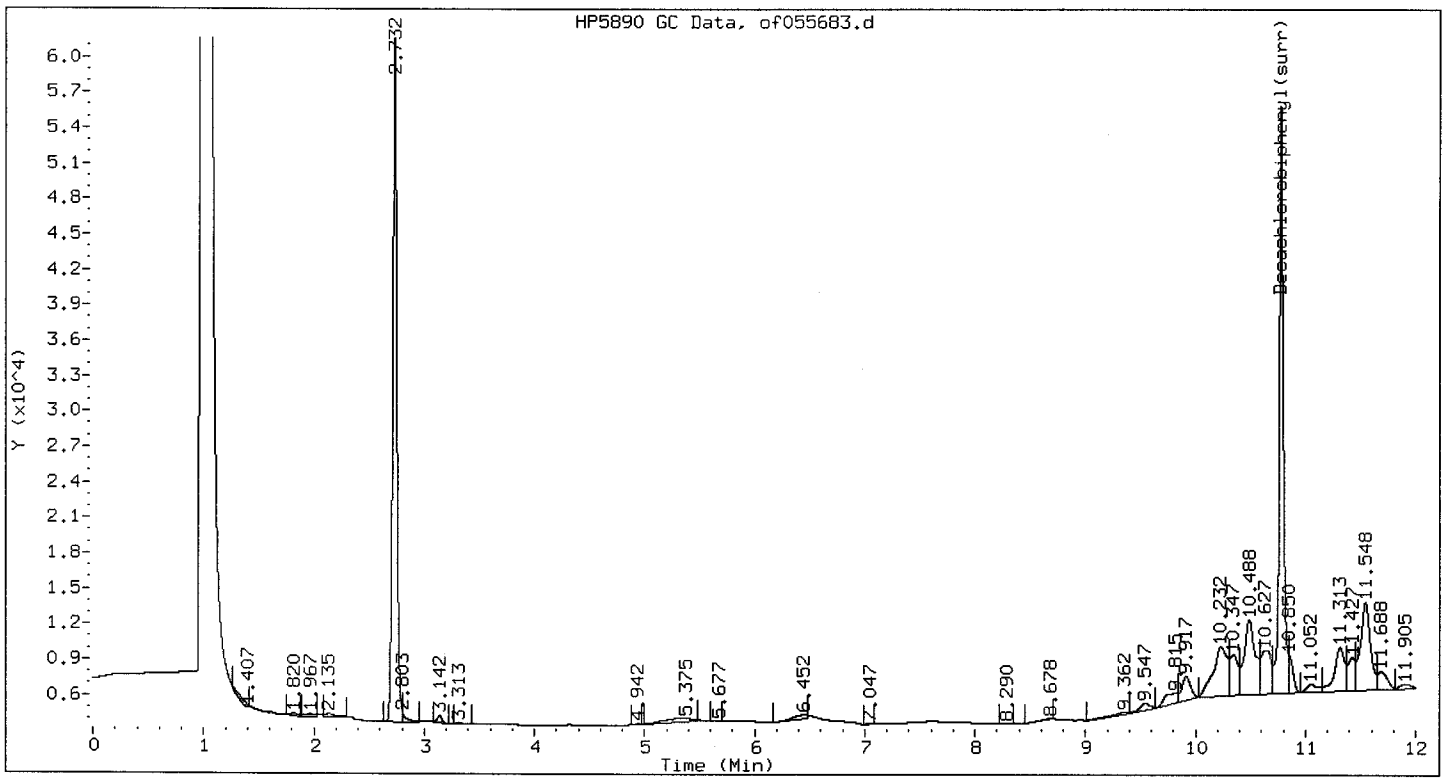
Method : /chem1/PESTGC7.i/8082/rear/Jan08/01-03-08/03jan08a.b/05Or8082.m
Sample Info : sp002w;mb78126
Lab ID : SP002W
Inj Date : 03-JAN-2008 11:51
Operator : 632 MM 1/3/08
Cpnd Sublist: PCB8082+

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	(M)	9.508	9.507	0.002	121610	51.812	34.541

COMMENTS:

M - Compound response manually integrated.

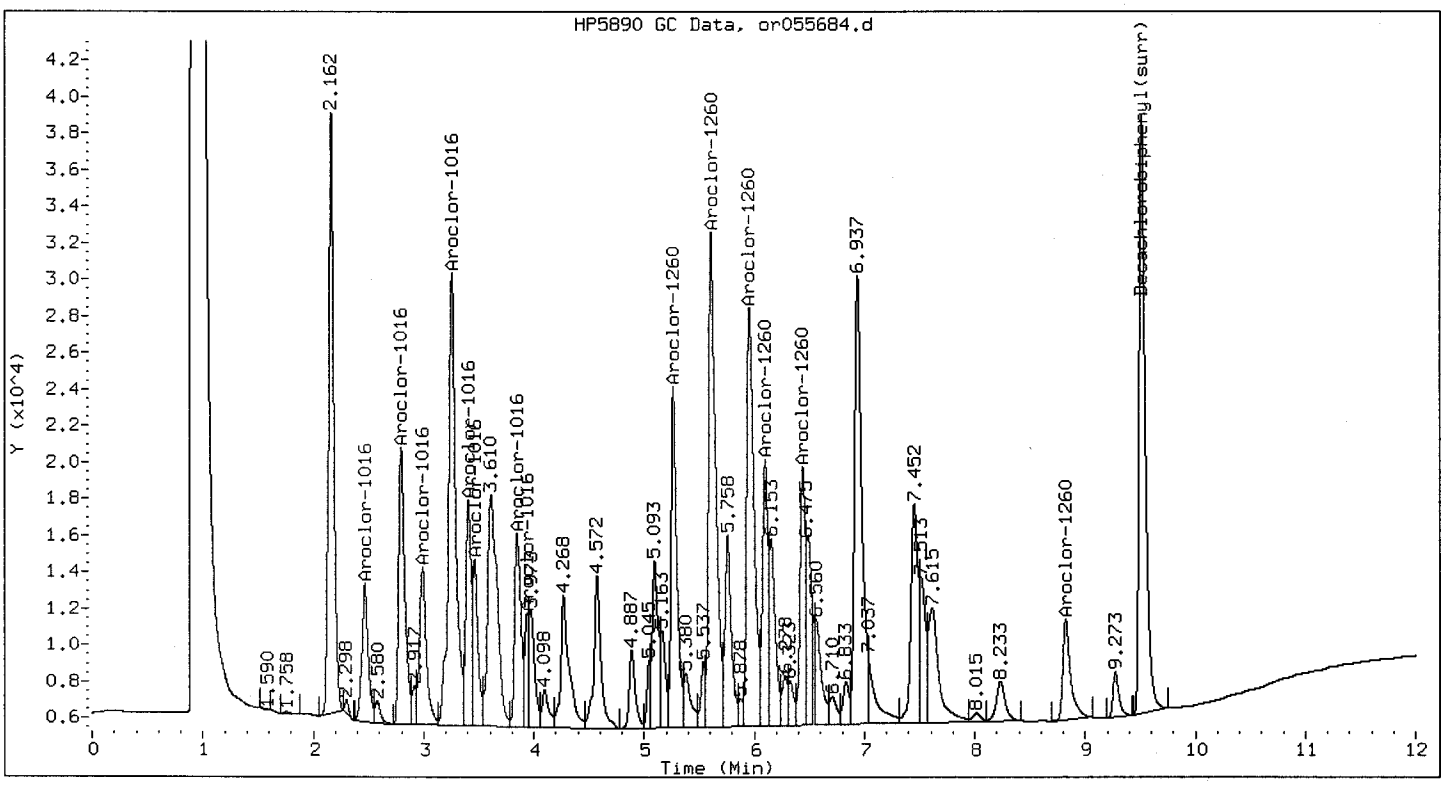


Method : /chem1/PESTGC7.i/8082/front/Jan08/01-03-08/03jan08a.b/05Of8082.m
Sample Info : sp002w;mb78126
Lab ID : SP002W
Inj Date : 03-JAN-2008 11:51
Operator : 632 MM 1/3/08
Cpnd Sublist: PCB8082+
Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	(M)	10.777	10.775	0.002	124676	66.115	44.077

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC7.i/8082/rear/Jan08/01-03-08/03jan08a.b/05Or8082.m
Sample Info : 6429bs;bs62531
Lab ID : 6429BS
Inj Date : 03-JAN-2008 12:07
Operator : 632 MM 1/3/08
Cpnd Sublist: PCB8082+

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1016	(M)	2.467	2.472	0.005	29802	517.949	345.300
(2)		2.797	2.802	0.005	58323	535.813	357.209
(3)		2.993	2.997	0.003	38227	541.908	361.272
(4)		3.257	3.262	0.005	115168	548.471	365.647
(5)		3.403	3.407	0.003	41867	543.392	362.261
(6)		3.463	3.467	0.003	29387	505.940	337.293
(7)		3.845	3.847	0.002	41044	498.818	332.545
(8)		3.940	3.940	0.000	15315	483.173	322.116
Average of peak concentrations:							350.00
Aroclor-1260	(M)	5.263	5.263	0.000	70351	534.095	356.063
(2)		5.607	5.607	0.000	123229	525.579	350.386
(3)		5.953	5.953	0.000	106970	508.686	339.124
(4)		6.098	6.098	0.000	50047	545.013	363.342
(5)		6.438	6.438	0.000	49581	495.440	330.293
(6)		------	7.453	------	------	------	------ (*)

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)	
(7)		------	7.615	------	------	------	------	(*)
(8)		8.823	8.825	0.002	26764	468.035	312.023	
Average of peak concentrations:							340.00	
Decachlorobiphenyl(surr)	(M)	9.507	9.507	0.000	126696	53.979	35.986	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC7.i/8082/rear/Jan08/01-03-08/03jan08b.b/or055686.d
Method: /chem1/PESTGC7.i/8082/rear/Jan08/01-03-08/03jan08b.b/05Or8082.m

Sample Information: SG1660L3_00003_B
Injection Date: 03-JAN-2008 12:40

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.468	1000	975.73	2.43
Aroclor-1016	2	2.798	1000	952.02	4.80
Aroclor-1016	3	2.995	1000	1020.40	2.04
Aroclor-1016	4	3.258	1000	993.54	0.65
Aroclor-1016	5	3.405	1000	986.34	1.37
Aroclor-1016	6	3.465	1000	1024.99	2.50
Aroclor-1016	7	3.845	1000	985.48	1.45
Aroclor-1016	8	3.940	1000	1004.04	0.40
Aroclor-1260	1	5.262	1000	972.53	2.75
Aroclor-1260	2	5.607	1000	945.72	5.43
Aroclor-1260	3	5.953	1000	922.04	7.80
Aroclor-1260	4	6.098	1000	1001.86	0.19
Aroclor-1260	5	6.438	1000	869.13	13.09
Aroclor-1260	6	7.453	1000	721.56	27.84<-
Aroclor-1260	7	7.615	1000	1225.77	22.58<-
Aroclor-1260	8	8.825	1000	965.91	3.41

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.165	100	92.03	7.97
Decachlorobiphenyl(sur	9.507	100	96.33	3.67

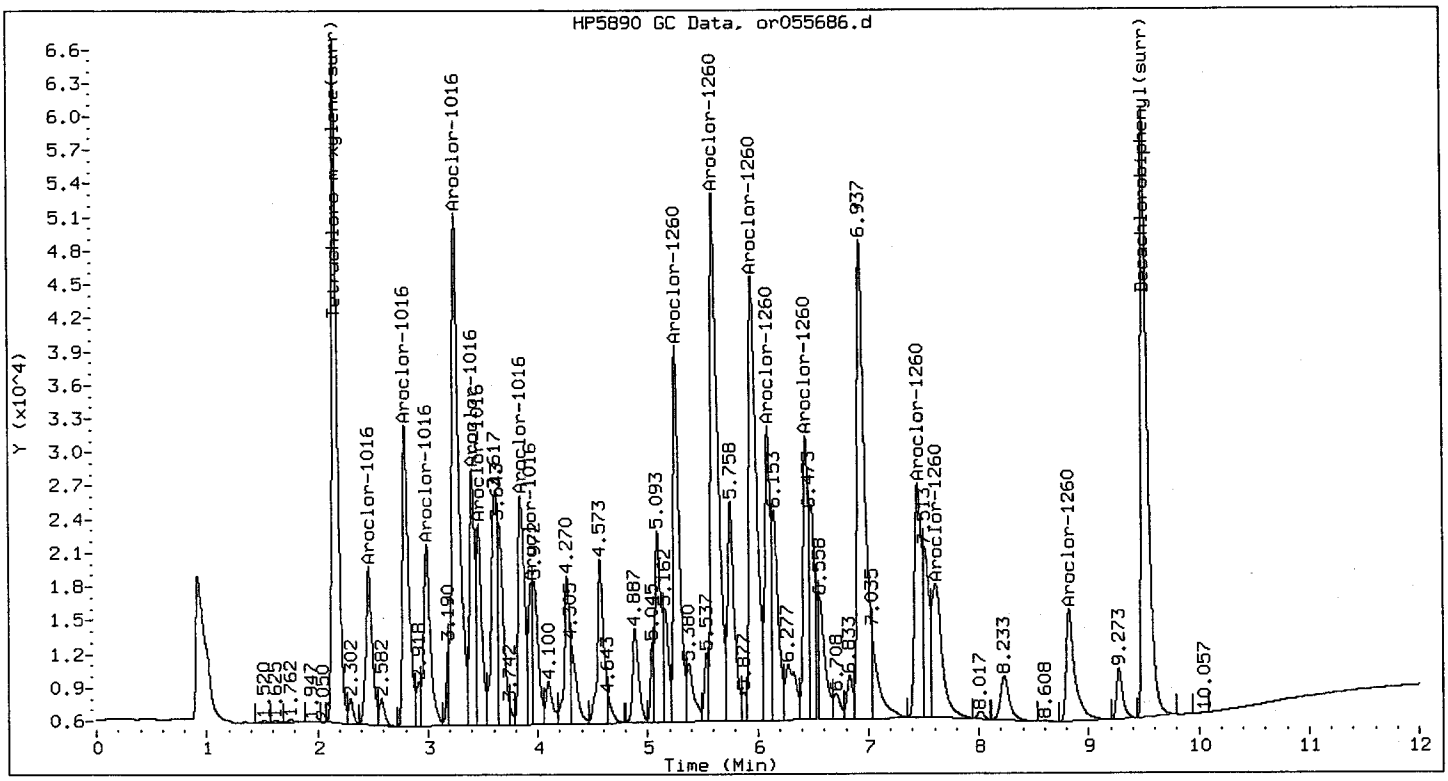
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC7.i

Midpoint Calibration File: /chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b/or055012.d
Injection Date: 09-DEC-2007 17:23

Continuing Calibration File: /chem1/PESTGC7.i/8082/rear/Jan08/01-03-08/03jan08b.b/or055686.d
Injection Date: 03-JAN-2008 12:40

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.452	(2.382 - 2.522)	2.468	
	2.785	(2.715 - 2.855)	2.798	
	2.983	(2.913 - 3.053)	2.995	
	3.248	(3.178 - 3.318)	3.258	
	3.393	(3.323 - 3.463)	3.405	
	3.455	(3.385 - 3.525)	3.465	
	3.837	(3.767 - 3.907)	3.845	
	3.932	(3.862 - 4.002)	3.940	
Aroclor-1260	5.260	(5.190 - 5.330)	5.262	
	5.602	(5.532 - 5.672)	5.607	
	5.948	(5.878 - 6.018)	5.953	
	6.097	(6.027 - 6.167)	6.098	
	6.437	(6.367 - 6.507)	6.438	
	7.448	(7.378 - 7.518)	7.453	
	7.617	(7.547 - 7.687)	7.615	
	8.823	(8.753 - 8.893)	8.825	
Tetrachloro-m-xylene(surr)	2.145	(2.095 - 2.195)	2.165	
Decachlorobiphenyl(surr)	9.508	(9.408 - 9.608)	9.507	



Method : /chem1/PESTGC7.i/8082/rear/Jan08/01-03-08/03jan08b.b/05Or8082.m
Sample Info : SG1660L3_00003_B
Lab ID : SG1660L3_00003_B
Inj Date : 03-JAN-2008 12:40
Operator : 632 1/3/08
Cpnd Sublist: AR16600S

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.468	2.468	0.000	56143	975.730	975.730
(2)		2.798	2.798	0.000	103628	952.016	952.016
(3)		2.995	2.995	0.000	71981	1020.396	1020.396
(4)		3.258	3.258	0.000	208625	993.543	993.543
(5)		3.405	3.405	0.000	75995	986.335	986.335
(6)		3.465	3.465	0.000	59536	1024.988	1024.988
(7)		3.845	3.845	0.000	81088	985.480	985.480
(8)		3.940	3.940	0.000	31826	1004.040	1004.040
Average of peak concentrations:							990.00
Aroclor-1260	(M)	5.262	5.262	0.000	128102	972.525	972.525
(2)		5.607	5.607	0.000	221737	945.718	945.718
(3)		5.953	5.953	0.000	193895	922.044	922.044
(4)		6.098	6.098	0.000	91999	1001.865	1001.865
(5)		6.438	6.438	0.000	86978	869.128	869.128
(6)		7.453	7.453	0.000	88436	721.558	721.558

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)		7.615	7.615	0.000	76085	1225.770	1225.770
(8)		8.825	8.825	0.000	55236	965.907	965.907
Average of peak concentrations:							950.00
Tetrachloro-m-xylene(surr)		2.165	2.165	0.000	205594	92.027	92.027
Decachlorobiphenyl(surr)	(M)	9.507	9.507	0.000	226101	96.329	96.329

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC7.i/8082/front/Jan08/01-03-08/03jan08b.b/of055686.d
Method: /chem1/PESTGC7.i/8082/front/Jan08/01-03-08/03jan08b.b/05Of8082.m

Sample Information: SG1660L3_00003_B
Injection Date: 03-JAN-2008 12:40

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	3.250	1000	1092.41	9.24
Aroclor-1016	2	3.722	1000	1002.42	0.24
Aroclor-1016	3	4.010	1000	1036.24	3.62
Aroclor-1016	4	4.268	1000	999.72	0.03
Aroclor-1016	5	4.438	1000	1020.46	2.05
Aroclor-1016	6	4.742	1000	1001.54	0.15
Aroclor-1016	7	5.027	1000	997.29	0.27
Aroclor-1016	8	5.187	1000	1050.61	5.06
Aroclor-1260	1	6.768	1000	979.72	2.03
Aroclor-1260	2	7.138	1000	990.96	0.90
Aroclor-1260	3	7.858	1000	1069.91	6.99
Aroclor-1260	4	8.075	1000	1022.98	2.30
Aroclor-1260	5	8.203	1000	1071.84	7.18
Aroclor-1260	6	8.755	1000	997.19	0.28
Aroclor-1260	7	9.678	1000	951.11	4.89
Aroclor-1260	8	10.278	1000	1041.39	4.14

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.727	100	104.13	4.13
Decachlorobiphenyl(sur	10.775	100	96.03	3.97

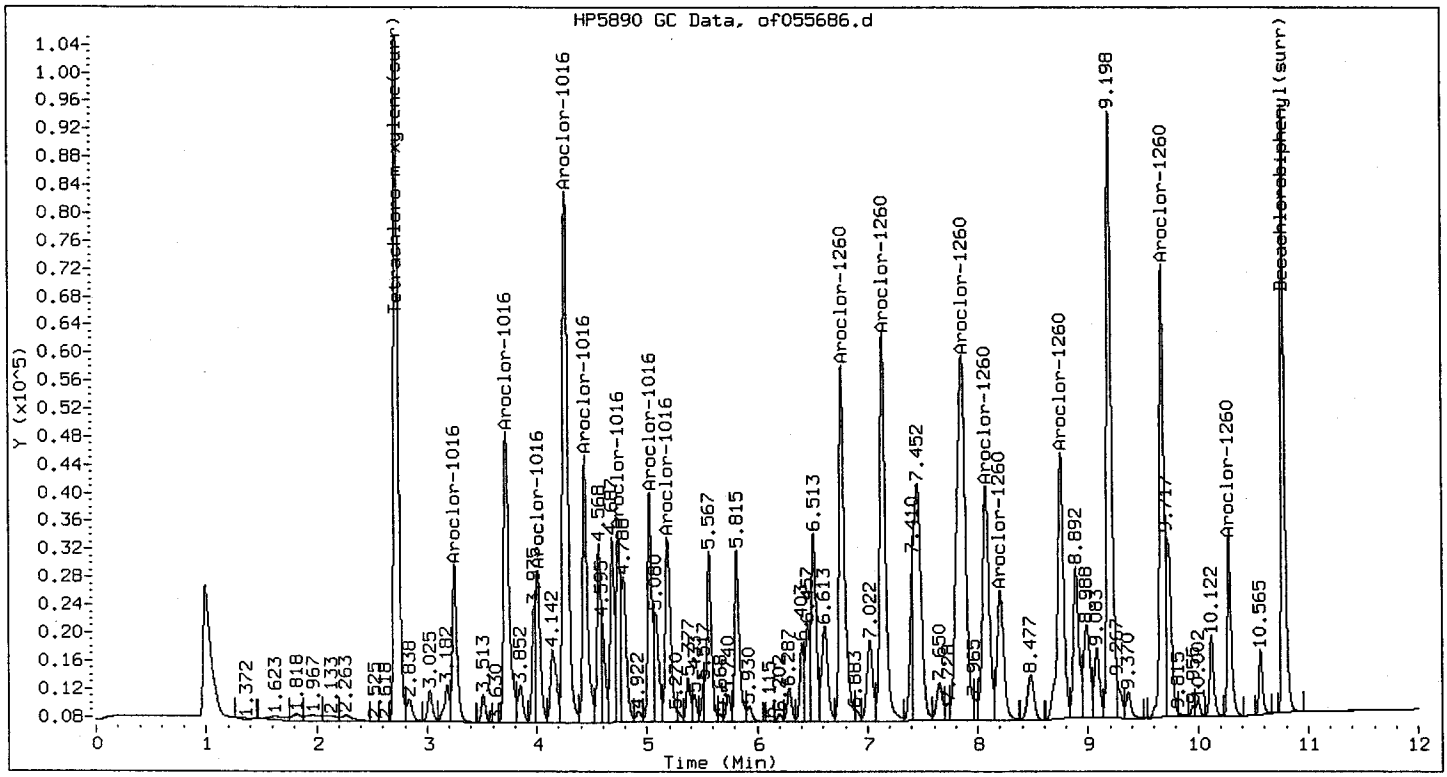
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC7.i

Midpoint Calibration File: /chem1/PESTGC7.i/8082/front/Dec07/12-09-07aical/09dec07a.b/of055012.d
Injection Date: 09-DEC-2007 17:23

Continuing Calibration File: /chem1/PESTGC7.i/8082/front/Jan08/01-03-08/03jan08b.b/of055686.d
Injection Date: 03-JAN-2008 12:40

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	3.250	(3.180 - 3.320)	3.250	
	3.725	(3.655 - 3.795)	3.722	
	4.015	(3.945 - 4.085)	4.010	
	4.273	(4.203 - 4.343)	4.268	
	4.445	(4.375 - 4.515)	4.438	
	4.750	(4.680 - 4.820)	4.742	
	5.035	(4.965 - 5.105)	5.027	
	5.195	(5.125 - 5.265)	5.187	
Aroclor-1260	6.780	(6.710 - 6.850)	6.768	
	7.153	(7.083 - 7.223)	7.138	
	7.877	(7.807 - 7.947)	7.858	
	8.093	(8.023 - 8.163)	8.075	
	8.223	(8.153 - 8.293)	8.203	
	8.772	(8.702 - 8.842)	8.755	
	9.687	(9.617 - 9.757)	9.678	
	10.285	(10.215 - 10.355)	10.278	
Tetrachloro-m-xylene(surr)	2.722	(2.672 - 2.772)	2.727	
Decachlorobiphenyl(surr)	10.782	(10.682 - 10.882)	10.775	



Method : /chem1/PESTGC7.i/8082/front/Jan08/01-03-08/03jan08b.b/05Of8082.m
Sample Info : SG1660L3_00003_B
Lab ID : SG1660L3_00003_B
Inj Date : 03-JAN-2008 12:40
Operator : 632 MM 1/3/08
Cpnd Sublist: AR16600S

Inst ID : PESTGC7.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	3.250	3.250	0.000	65830	1092.406	1092.406
(2)		3.722	3.722	0.000	145922	1002.419	1002.419
(3)		4.010	4.010	0.000	65158	1036.241	1036.241
(4)		4.268	4.268	0.000	262275	999.718	999.718
(5)		4.438	4.438	0.000	115857	1020.462	1020.462
(6)		4.742	4.742	0.000	76492	1001.543	1001.543
(7)		5.027	5.027	0.000	84713	997.289	997.289
(8)		5.187	5.187	0.000	89717	1050.611	1050.611
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	6.768	6.768	0.000	175437	979.715	979.715
(2)		7.138	7.138	0.000	199672	990.958	990.958
(3)		7.858	7.858	0.000	289371	1069.914	1069.914
(4)		8.075	8.075	0.000	141714	1022.981	1022.981
(5)		8.203	8.203	0.000	80503	1071.838	1071.838
(6)		8.755	8.755	0.000	150661	997.189	997.189

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)		9.678	9.678	0.000	187547	951.113	951.113
(8)		10.278	10.278	0.000	63672	1041.395	1041.395
Average of peak concentrations:							1000.00
Tetrachloro-m-xylene(surr)		2.727	2.727	0.000	295157	104.135	104.135
Decachlorobiphenyl(surr)	(M)	10.775	10.775	0.000	181088	96.030	96.030

COMMENTS:
M - Compound response manually integrated.

GC ORGANICS INITIAL CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

Calibration Files:

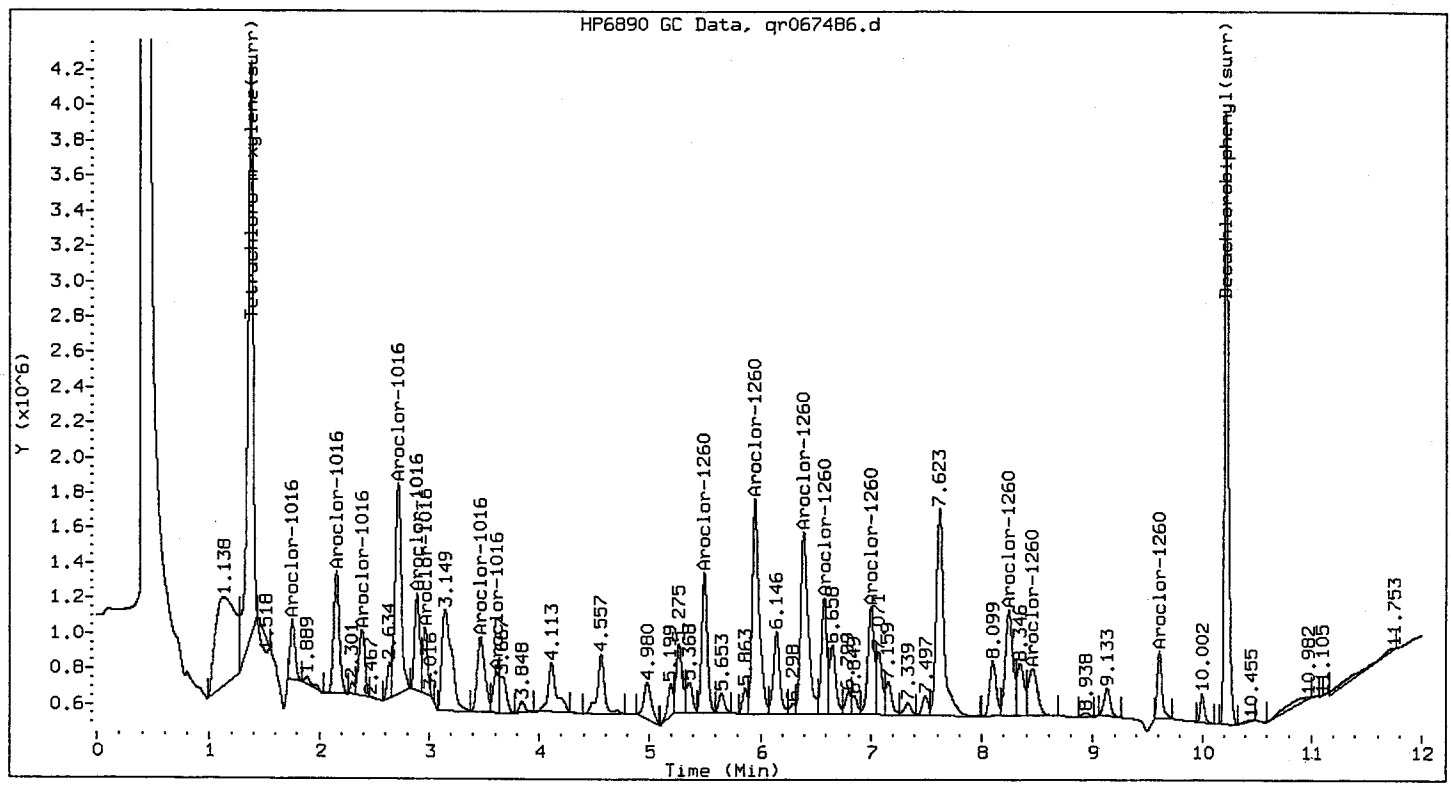
/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067486.d
/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067487.d
/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067489.d
/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067490.d

Compound		Level 1	Level 2	Level 3	Level 4	Level 5	Coefficients a0	a1	a2	%RSD or R^2
Aroclor-1016	1	10626.75	12300.09	10104.67	10098.68	8580.08		10342.05		12.91404
	2	23952.74	21074.07	17725.68	17362.47	14890.28		19001.05		18.61200
	3	14366.14	13620.65	11944.90	12564.99	10967.65		12692.87		10.57944
	4	49158.42	44400.58	38817.74	38128.16	32244.89		40549.96		15.92363
	5	17540.81	18309.86	15496.96	15229.63	12474.43		15810.34		14.42522
	6	11767.42	11371.73	12185.55	12449.32	11303.78		11815.56		4.23121
	7	20488.31	17473.01	15287.99	15885.25	13633.40		16553.59		15.66681
	8	8890.35	8076.98	7256.14	8469.89	7312.14		8001.10		8.93850
Aroclor-1260	1	28415.09	22846.31	21816.60	21731.50	18527.57		22667.41		15.87660
	2	52253.18	40379.62	38718.31	38366.79	32559.17		40455.41		17.86434
	3	49158.21	36950.81	35915.40	35823.42	30560.12		37681.59		18.26774
	4	23356.92	20117.76	19519.42	19495.20	16816.72		19861.20		11.75568
	5	23573.14	19197.65	18786.31	18627.08	15920.09		19220.85		14.33794
	6	28073.11	23008.82	23016.83	22698.76	19574.43		23274.39		13.10025
	7	15521.77	13894.75	14750.10	14009.15	11864.66		14008.09		9.74178
	8	11652.54	11523.24	11637.14	11721.90	10261.74		11359.31		5.43778
Tetrachloro-m-xylene(surr)		452979.20	390695.60	385394.33	387563.91	382611.14		399848.84		7.46482
Decachlorobiphenyl(surr)		359439.12	325057.22	285244.32	288075.51	274553.22		306473.88		11.48852

Comments:

* = %RSD exceeded maximum upper limit. Linear regression used for quantitation.

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1660L1_00003 D
Lab ID : SG1660L1_00003 D
Inj Date : 14-DEC-2007 18:37
Operator : 615
Cpnd Sublist: AR16600S

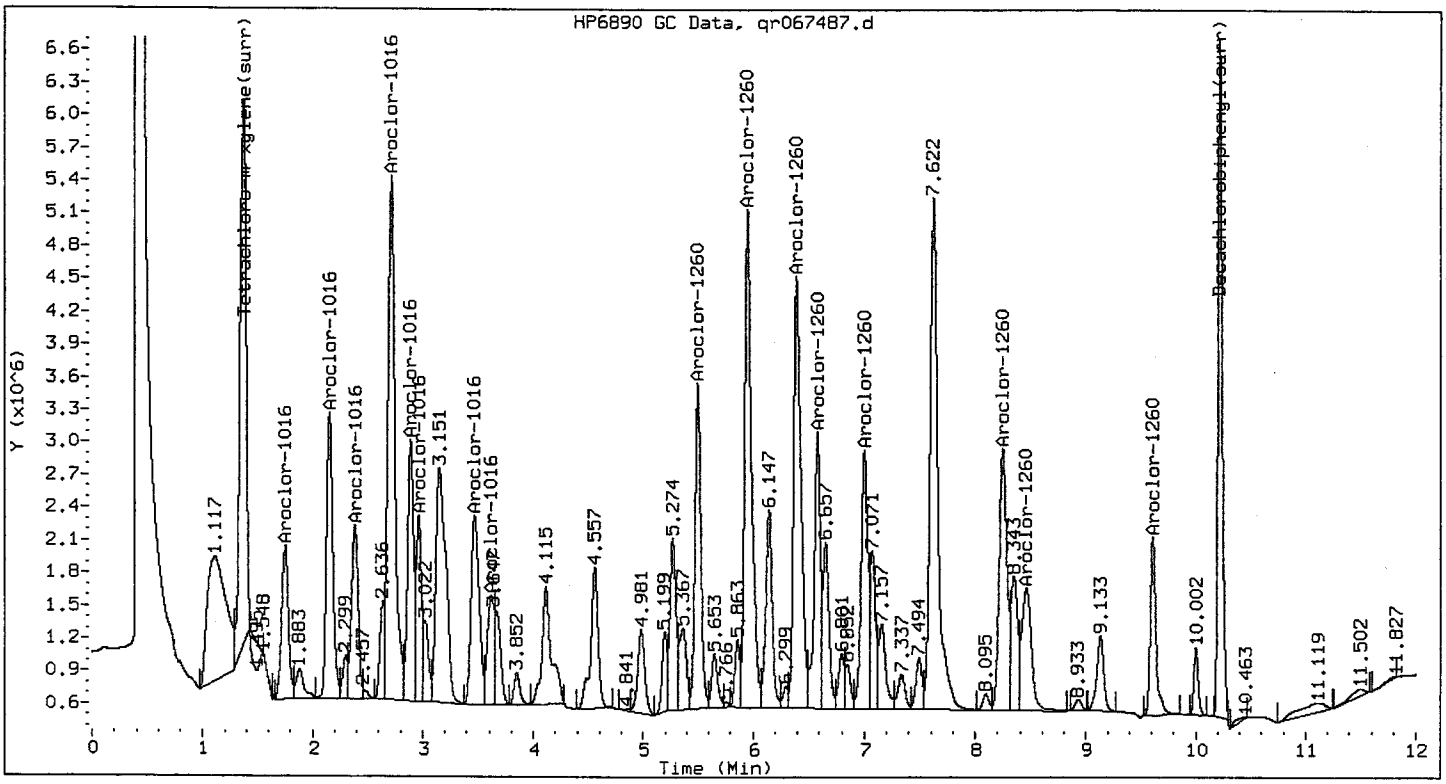
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_1

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1016	(M)	1.757	1.755	0.001	1062675	102.753	102.753
(2)		2.157	2.155	0.001	2395274	126.060	126.060
(3)		2.387	2.384	0.002	1436614	113.183	113.183
(4)		2.715	2.715	0.000	4915842	121.229	121.229
(5)		2.889	2.888	0.001	1754081	110.945	110.945
(6)		2.965	2.963	0.002	1176742	99.593	99.593
(7)		3.468	3.465	0.003	2048831	123.770	123.770
(8)		3.617	3.613	0.004	889035	111.114	111.114
Average of peak concentrations:							110.00
Aroclor-1260	(M)	5.498	5.495	0.003	2841509	125.357	125.357
(2)		5.952	5.948	0.004	5225318	129.162	129.162
(3)		6.391	6.387	0.004	4915821	130.457	130.457
(4)		6.583	6.578	0.005	2335692	117.601	117.601
(5)		7.002	6.998	0.004	2357314	122.644	122.644
(6)		8.248	8.243	0.006	2807311	120.618	120.618

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
(7)	8.458	8.453	0.005	1552177	110.806	110.806
(8)	9.611	9.609	0.002	1165254	102.581	102.581
Average of peak concentrations:						120.00
Tetrachloro-m-xylene(surr)	1.375	1.376	0.001	11324480	28.322	28.322
Decachlorobiphenyl(surr)	10.218	10.214	0.003	8985978	29.321	29.321

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1660L2_00003 D
Lab ID : SG1660L2_00003 D
Inj Date : 14-DEC-2007 18:54
Operator : 615
Cpnd Sublist: AR16600S

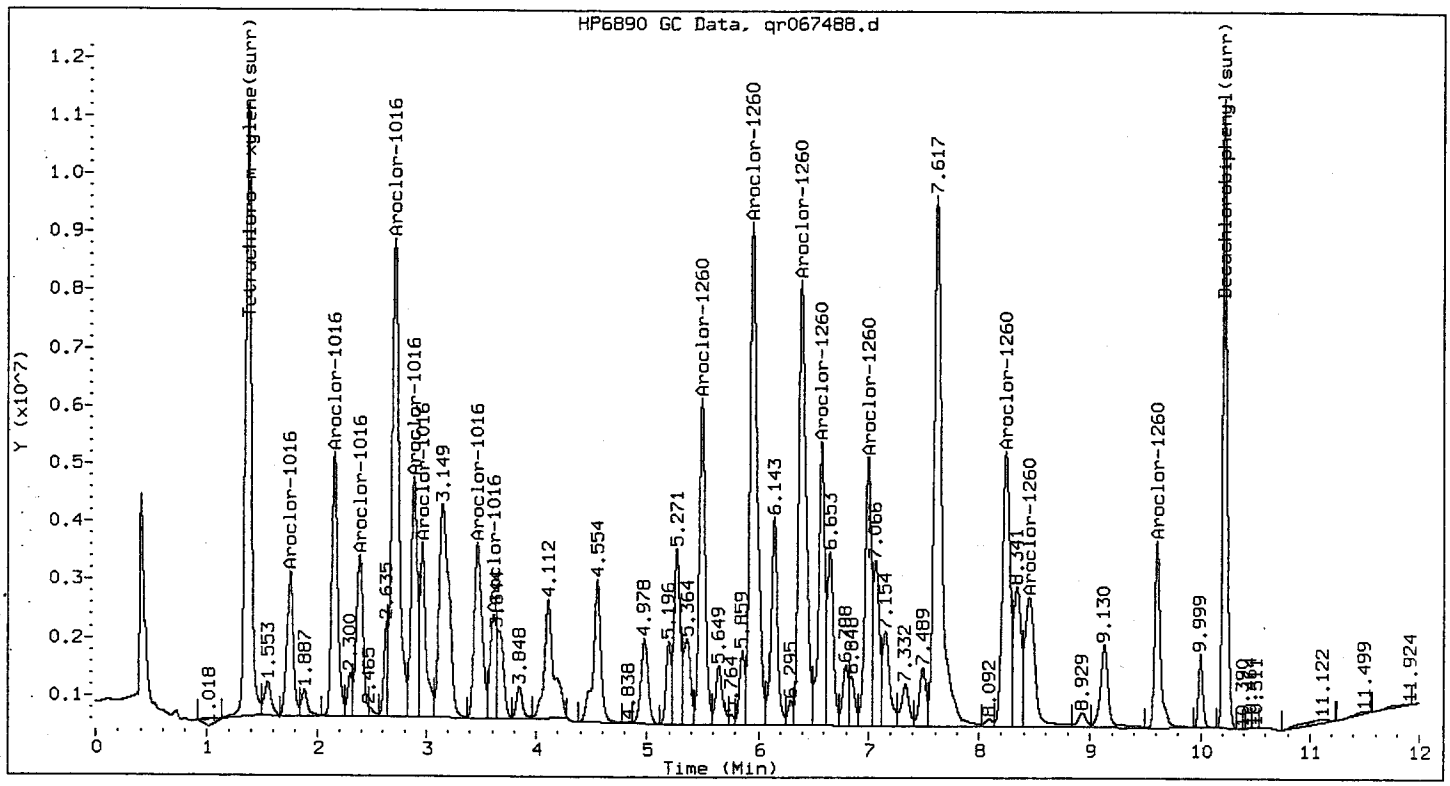
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_2

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	1.754	1.755	0.001	6150043	594.664	594.664
(2)		2.155	2.155	0.000	10537036	554.550	554.550
(3)		2.385	2.384	0.000	6810327	536.548	536.548
(4)		2.715	2.715	0.000	22200288	547.480	547.480
(5)		2.890	2.888	0.002	9154932	579.047	579.047
(6)		2.965	2.963	0.002	5685863	481.218	481.218
(7)		3.469	3.465	0.004	8736507	527.771	527.771
(8)		3.616	3.613	0.003	4038489	504.742	504.742
Average of peak concentrations:							540.00
Aroclor-1260	(M)	5.499	5.495	0.004	11423153	503.946	503.946
(2)		5.952	5.948	0.004	20189812	499.063	499.063
(3)		6.390	6.387	0.003	18475404	490.303	490.303
(4)		6.581	6.578	0.003	10058878	506.459	506.459
(5)		7.002	6.998	0.004	9598827	499.396	499.396
(6)		8.247	8.243	0.004	11504408	494.295	494.295

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
(7)		8.457	8.453	0.005	6947377	495.955	495.955
(8)		9.611	9.609	0.002	5761621	507.216	507.216
Average of peak concentrations:							500.00
Tetrachloro-m-xylene(surr)		1.374	1.376	0.002	19534780	48.855	48.855
Decachlorobiphenyl(surr)	(M)	10.217	10.214	0.002	16252861	53.032	53.032

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1660L3_00003 D
Lab ID : SG1660L3_00003 D
Inj Date : 14-DEC-2007 19:08
Operator : 615
Cpnd Sublist: AR16600S

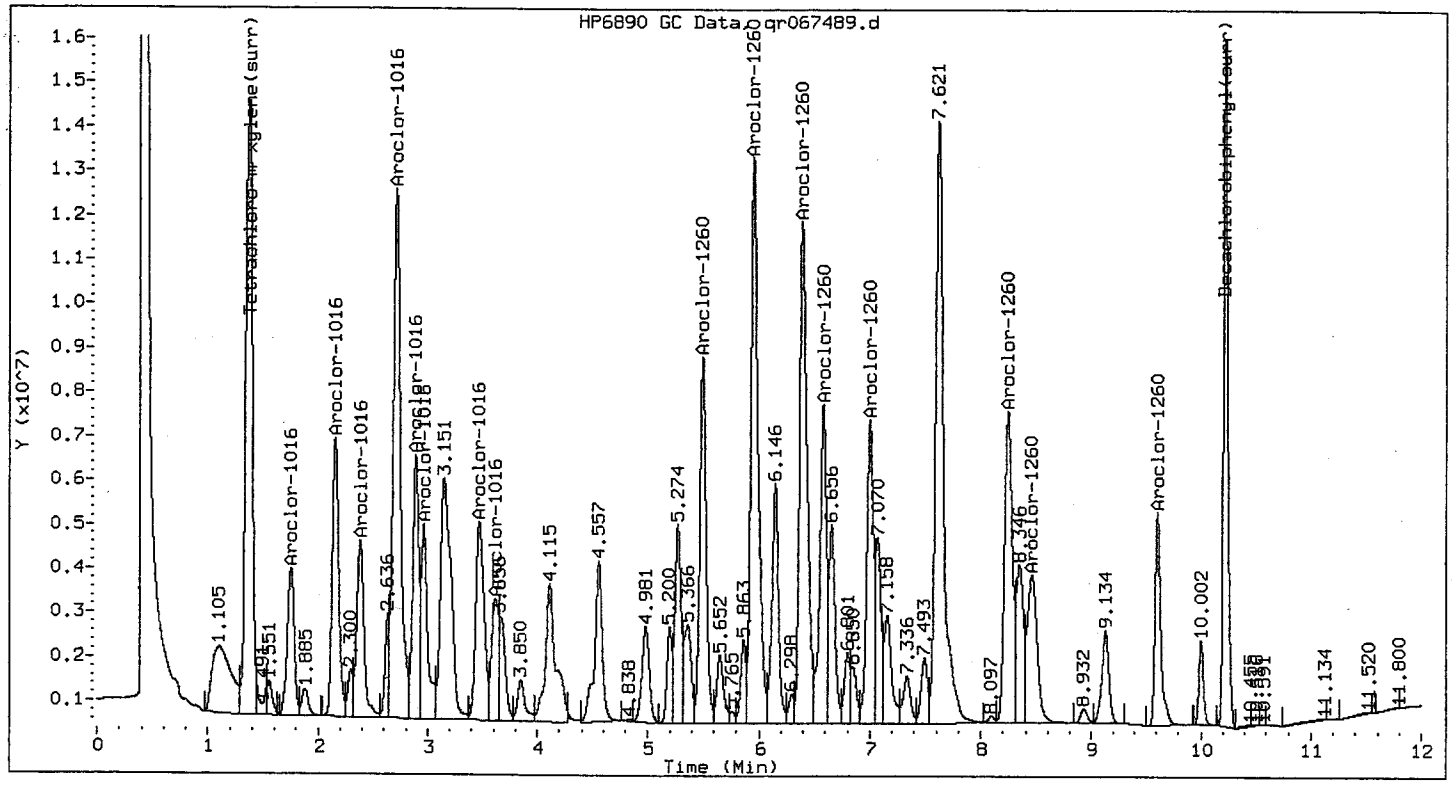
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	1.755	1.755	0.000	10104668	977.047	977.047
(2)		2.155	2.155	0.000	17725683	932.879	932.879
(3)		2.384	2.384	0.000	11944901	941.072	941.072
(4)		2.713	2.715	0.003	38817744	957.282	957.282
(5)		2.888	2.888	0.000	15496961	980.179	980.179
(6)		2.963	2.963	0.000	12185552	1031.314	1031.314
(7)		3.465	3.465	0.000	15287985	923.545	923.545
(8)		3.613	3.613	0.000	7256137	906.893	906.893
Average of peak concentrations:							960.00
Aroclor-1260		5.495	5.495	0.000	21816599	962.465	962.465
(2)		5.948	5.948	0.000	38718305	957.061	957.061
(3)		6.387	6.387	0.000	35915396	953.128	953.128
(4)		6.578	6.578	0.000	19519424	982.792	982.792
(5)		6.998	6.998	0.000	18786310	977.392	977.392
(6)		8.243	8.243	0.000	23016833	988.934	988.934

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
(7)	8.453	8.453	0.000	14750099	1052.970	1052.970
(8)	9.609	9.609	0.000	11637136	1024.458	1024.458
Average of peak concentrations:						990.00
Tetrachloro-m-xylene(surr)	1.376	1.376	0.000	38539433	96.385	96.385
Decachlorobiphenyl(surr)	10.214	10.214	0.000	28524432	93.073	93.073

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1660L4_00003 D
Lab ID : SG1660L4_00003 D
Inj Date : 14-DEC-2007 19:25
Operator : 615
Cpnd Sublist: AR16600S

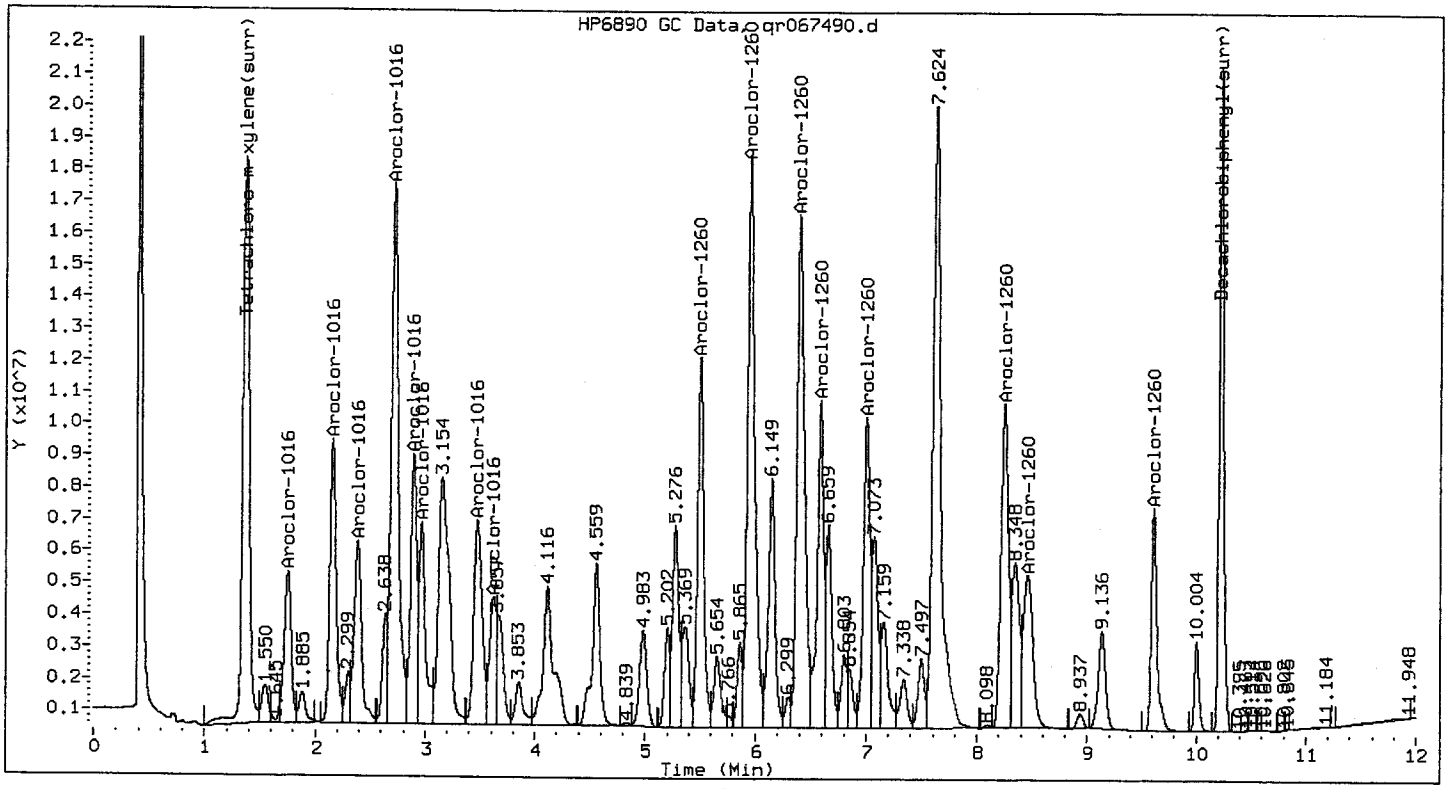
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_4

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1016	(M)	1.753	1.755	0.002	15148027	1530.442	1530.442
(2)		2.155	2.155	0.001	26043708	1404.532	1404.532
(3)		2.384	2.384	0.000	18847485	1516.104	1516.104
(4)		2.714	2.715	0.001	57192234	1333.311	1333.311
(5)		2.889	2.888	0.001	22844442	1395.458	1395.458
(6)		2.964	2.963	0.001	18673981	1566.234	1566.234
(7)		3.469	3.465	0.004	23827872	1504.652	1504.652
(8)		3.616	3.613	0.004	12704831	1691.780	1691.780
Average of peak concentrations:							1500.00
Aroclor-1260		5.499	5.495	0.004	32597254	1506.515	1506.515
(2)		5.951	5.948	0.004	57550178	1487.476	1487.476
(3)		6.391	6.387	0.004	53735130	1490.680	1490.680
(4)		6.581	6.578	0.003	29242793	1549.548	1549.548
(5)		7.001	6.998	0.004	27940613	1520.447	1520.447
(6)		8.247	8.243	0.004	34048134	1529.009	1529.009

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
(7)	8.457	8.453	0.005	21013721	1561.995	1561.995
(8)	9.611	9.609	0.002	17582852	1630.217	1630.217
Average of peak concentrations:						1500.00
Tetrachloro-m-xylene(surr)	1.374	1.376	0.002	58134587	155.777	155.777
Decachlorobiphenyl(surr)	10.216	10.214	0.002	43211326	147.649	147.649

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1660L5_00003 D
Lab ID : SG1660L5_00003 D
Inj Date : 14-DEC-2007 19:40
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_5

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1016	(M)	1.754	1.755	0.002	21450205	2074.076	2074.076
(2)		2.155	2.155	0.000	37225689	1959.139	1959.139
(3)		2.385	2.384	0.001	27419121	2160.199	2160.199
(4)		2.715	2.715	0.000	80612234	1926.627	1926.627
(5)		2.890	2.888	0.003	31186065	1857.205	1857.205
(6)		2.965	2.963	0.003	28259462	2262.472	2262.472
(7)		3.471	3.465	0.006	34083496	2058.979	2058.979
(8)		3.619	3.613	0.007	18280354	2284.730	2284.730
Average of peak concentrations:							2100.00
Aroclor-1260		5.501	5.495	0.006	46318934	2043.415	2043.415
(2)		5.953	5.948	0.005	81397930	2012.041	2012.041
(3)		6.392	6.387	0.005	76400305	2027.523	2027.523
(4)		6.583	6.578	0.005	42041789	2116.780	2116.780
(5)		7.004	6.998	0.006	39800230	2070.680	2070.680
(6)		8.250	8.243	0.008	48936065	2102.571	2102.571

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
(7)	8.459	8.453	0.006	29661653	2117.466	2117.466
(8)	9.612	9.609	0.003	25654338	2258.441	2258.441
Average of peak concentrations:						2100.00
Tetrachloro-m-xylene(surr)	1.374	1.376	0.002	76522228	191.378	191.378
Decachlorobiphenyl(surr)	10.219	10.214	0.004	54910645	179.169	179.169

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

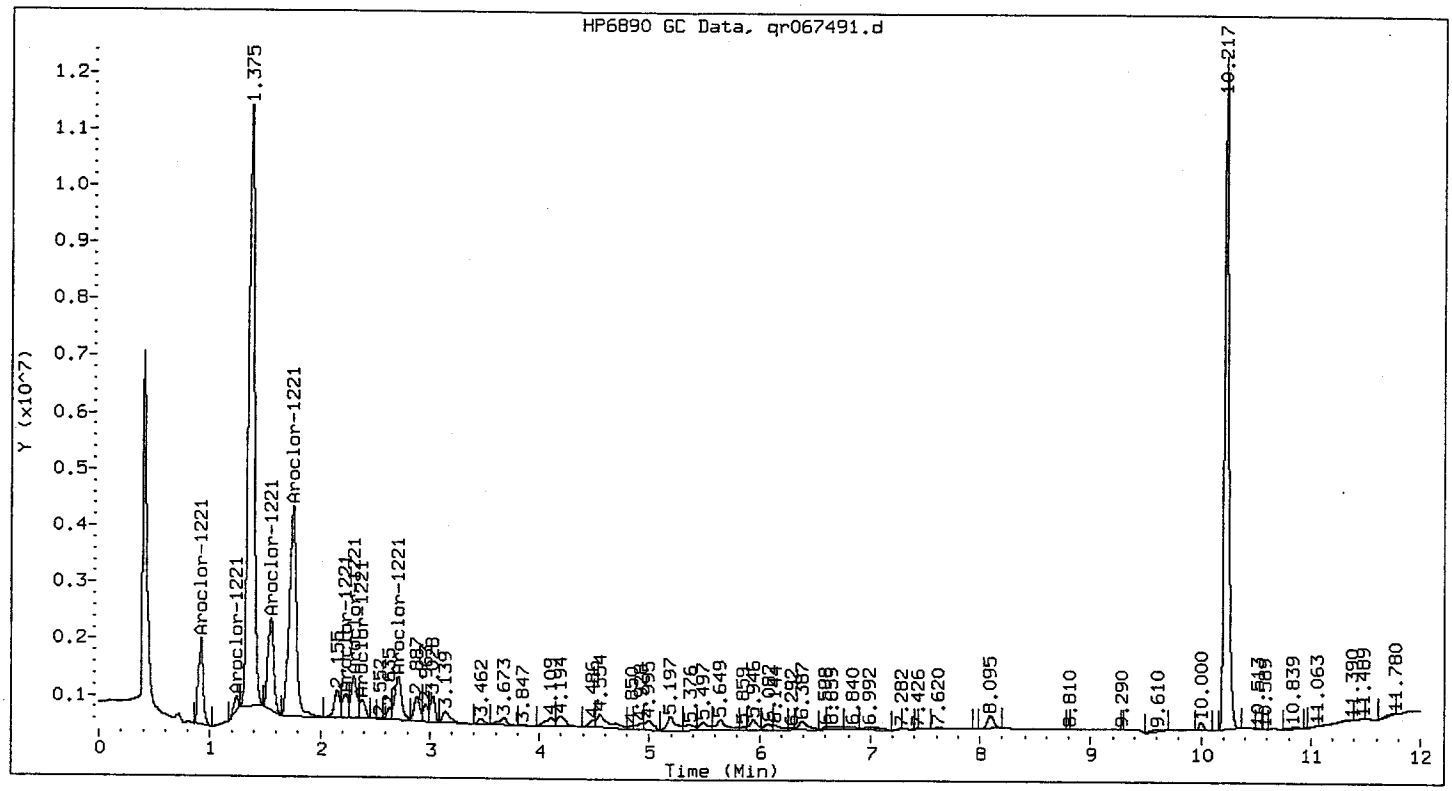
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067491.d

Compound		Midpoint Standard Response Factor
Aroclor-1221		4601.01
	2	634.54
	3	5715.21
	4	17014.46
	5	1371.07
	6	2666.77
	7	1118.09
	8	3336.59

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1221L3_00003 D
Lab ID : SG1221L3_00003 D
Inj Date : 14-DEC-2007 19:56
Operator : 615
Cpnd Sublist: AR12210

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1221	(M)	0.920	0.920	0.000	4601005	1000.000	1000.000
(2)		1.245	1.245	0.000	634536	1000.000	1000.000
(3)		1.553	1.553	0.000	5715206	1000.000	1000.000
(4)		1.754	1.754	0.000	17014456	1000.000	1000.000
(5)		2.228	2.228	0.000	1371070	1000.000	1000.000
(6)		2.305	2.305	0.000	2666768	1000.000	1000.000
(7)		2.383	2.383	0.000	1118085	1000.000	1000.000
(8)		2.715	2.715	0.000	3336593	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

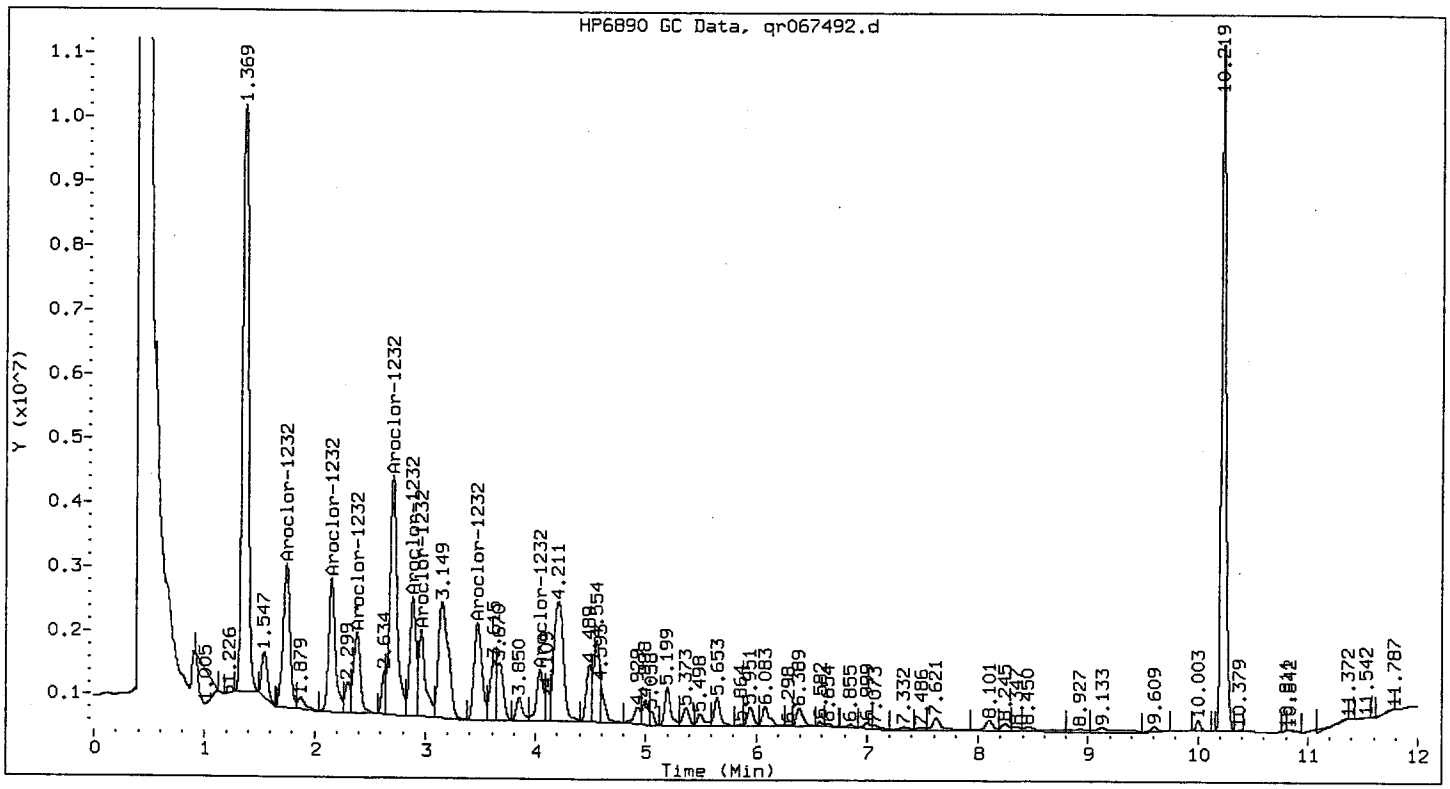
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067492.d

Compound	Midpoint Standard Response Factor
Aroclor-1232	9897.62
2	8655.90
3	5573.23
4	17266.38
5	6938.11
6	5740.78
7	7503.74
8	3434.97

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1232L3_00002 D
Lab ID : SG1232L3_00002 D
Inj Date : 14-DEC-2007 20:13
Operator : 615
Cpnd Sublist: AR12320

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1232	(M)	1.750	1.750	0.000	9897616	1000.000	1000.000
(2)		2.153	2.153	0.000	8655904	1000.000	1000.000
(3)		2.384	2.384	0.000	5573228	1000.000	1000.000
(4)		2.713	2.713	0.000	17266382	1000.000	1000.000
(5)		2.889	2.889	0.000	6938113	1000.000	1000.000
(6)		2.963	2.963	0.000	5740780	1000.000	1000.000
(7)		3.468	3.468	0.000	7503745	1000.000	1000.000
(8)		4.043	4.043	0.000	3434966	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

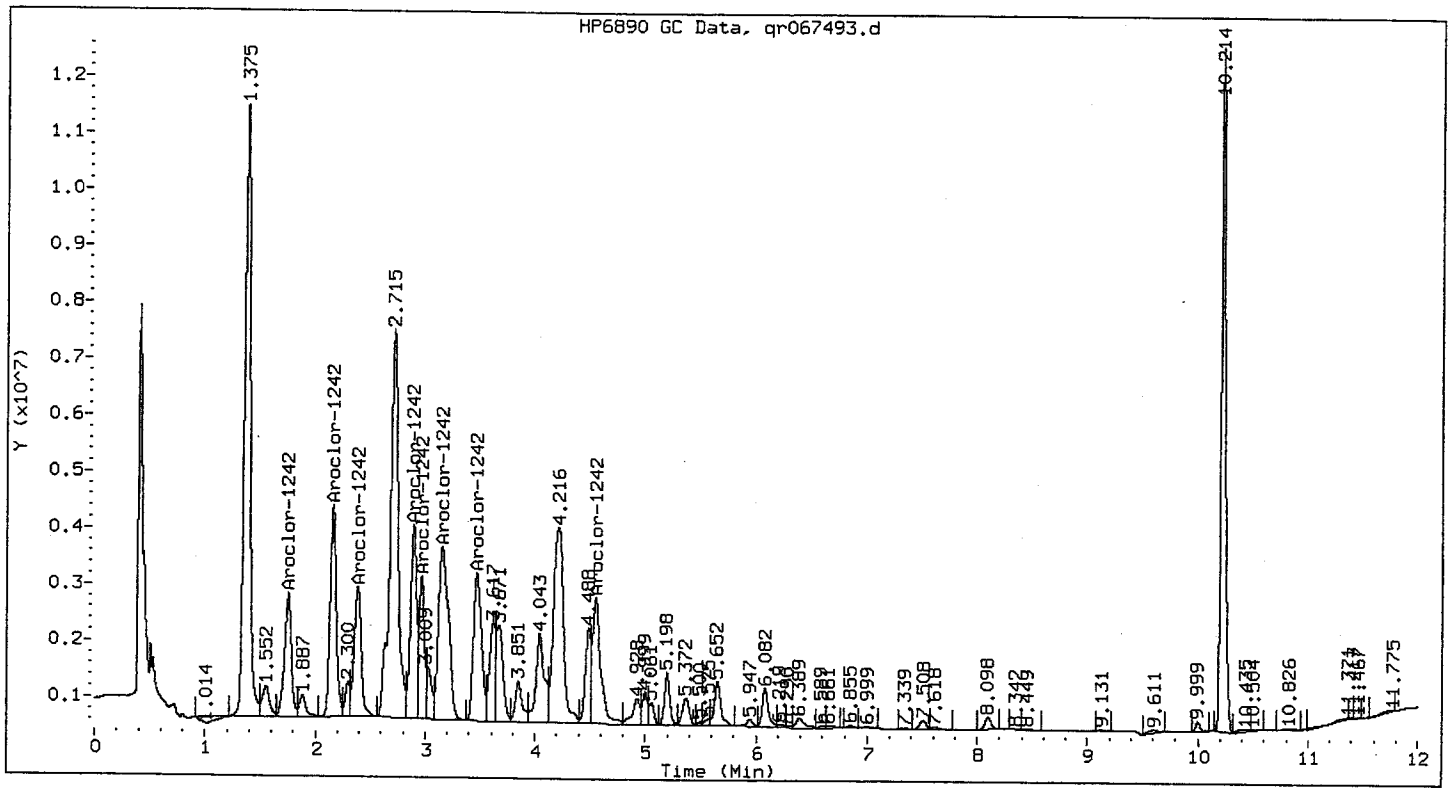
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067493.d

Compound	Midpoint Standard Response Factor
Aroclor-1242	9472.10
2	14734.16
3	10203.25
4	12776.26
5	8576.43
6	19641.00
7	13238.48
8	11420.74

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1242L3_00002 D
Lab ID : SG1242L3_00002 D
Inj Date : 14-DEC-2007 20:29
Operator : 615
Cpnd Sublist: AR12420

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1242	(M)	1.755	1.755	0.000	9472100	1000.000	1000.000
(2)		2.155	2.155	0.000	14734158	1000.000	1000.000
(3)		2.385	2.385	0.000	10203254	1000.000	1000.000
(4)		2.889	2.889	0.000	12776261	1000.000	1000.000
(5)		2.965	2.965	0.000	8576429	1000.000	1000.000
(6)		3.152	3.152	0.000	19640999	1000.000	1000.000
(7)		3.469	3.469	0.000	13238476	1000.000	1000.000
(8)		4.554	4.554	0.000	11420737	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

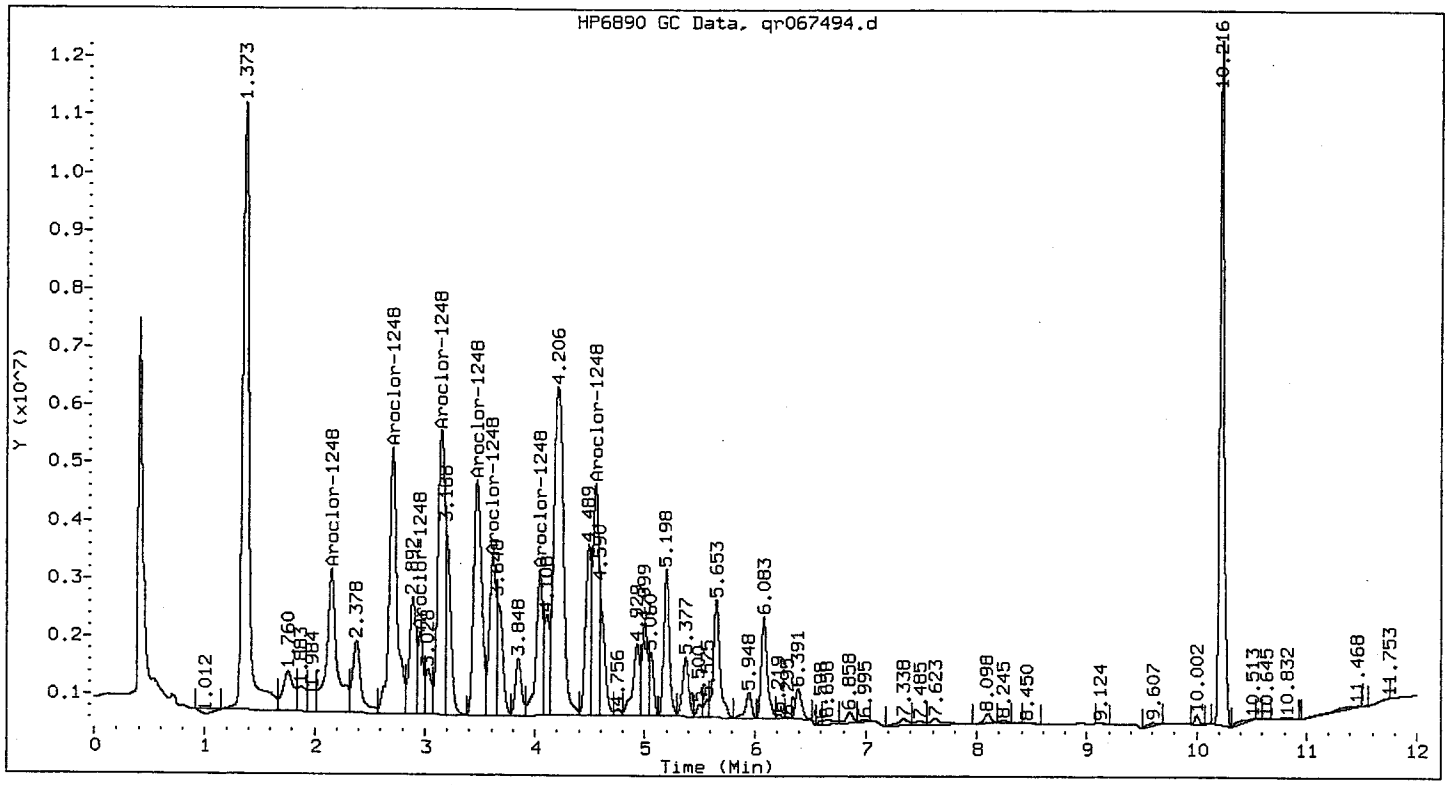
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067494.d

Compound		Midpoint Standard Response Factor
Aroclor-1248		15842.99
	2	23678.40
	3	4745.15
	4	21756.72
	5	20333.82
	6	11410.80
	7	10325.89
	8	15055.66

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1248L3_00002 D
Lab ID : SG1248L3_00002 D
Inj Date : 14-DEC-2007 20:46
Operator : 615
Cpnd Sublist: AR12480

12/14/7

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1248	(M)	2.151	2.151	0.000	15842989	1000.000	1000.000
(2)		2.709	2.709	0.000	23678399	1000.000	1000.000
(3)		2.961	2.961	0.000	4745150	1000.000	1000.000
(4)		3.145	3.145	0.000	21756721	1000.000	1000.000
(5)		3.467	3.467	0.000	20333820	1000.000	1000.000
(6)		3.610	3.610	0.000	11410798	1000.000	1000.000
(7)		4.043	4.043	0.000	10325894	1000.000	1000.000
(8)		4.553	4.553	0.000	15055657	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

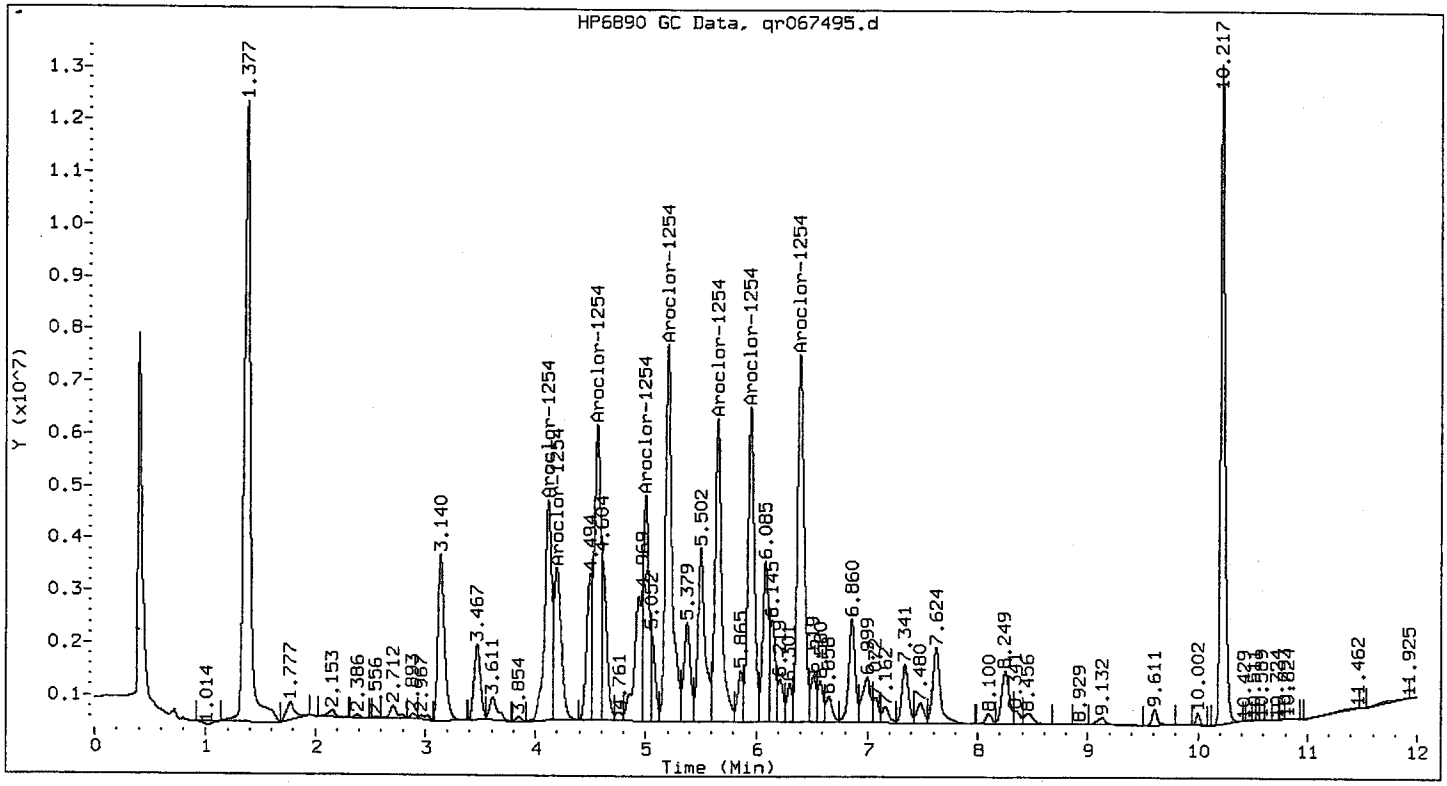
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067495.d

Compound	Midpoint Standard Response Factor
Aroclor-1254	18365.31
2	13462.66
3	23592.37
4	15954.84
5	31052.44
6	25195.45
7	23498.22
8	30324.97

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1254L3_00002 D
Lab ID : SG1254L3_00002 D
Inj Date : 14-DEC-2007 21:02
Operator : 615
Cpnd Sublist: AR12540

12/16/07

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1254	(M)	4.118	4.118	0.000	18365309	1000.000	1000.000
(2)		4.195	4.195	0.000	13462655	1000.000	1000.000
(3)		4.560	4.560	0.000	23592369	1000.000	1000.000
(4)		5.001	5.001	0.000	15954838	1000.000	1000.000
(5)		5.202	5.202	0.000	31052444	1000.000	1000.000
(6)		5.655	5.655	0.000	25195447	1000.000	1000.000
(7)		5.952	5.952	0.000	23498221	1000.000	1000.000
(8)		6.393	6.393	0.000	30324975	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

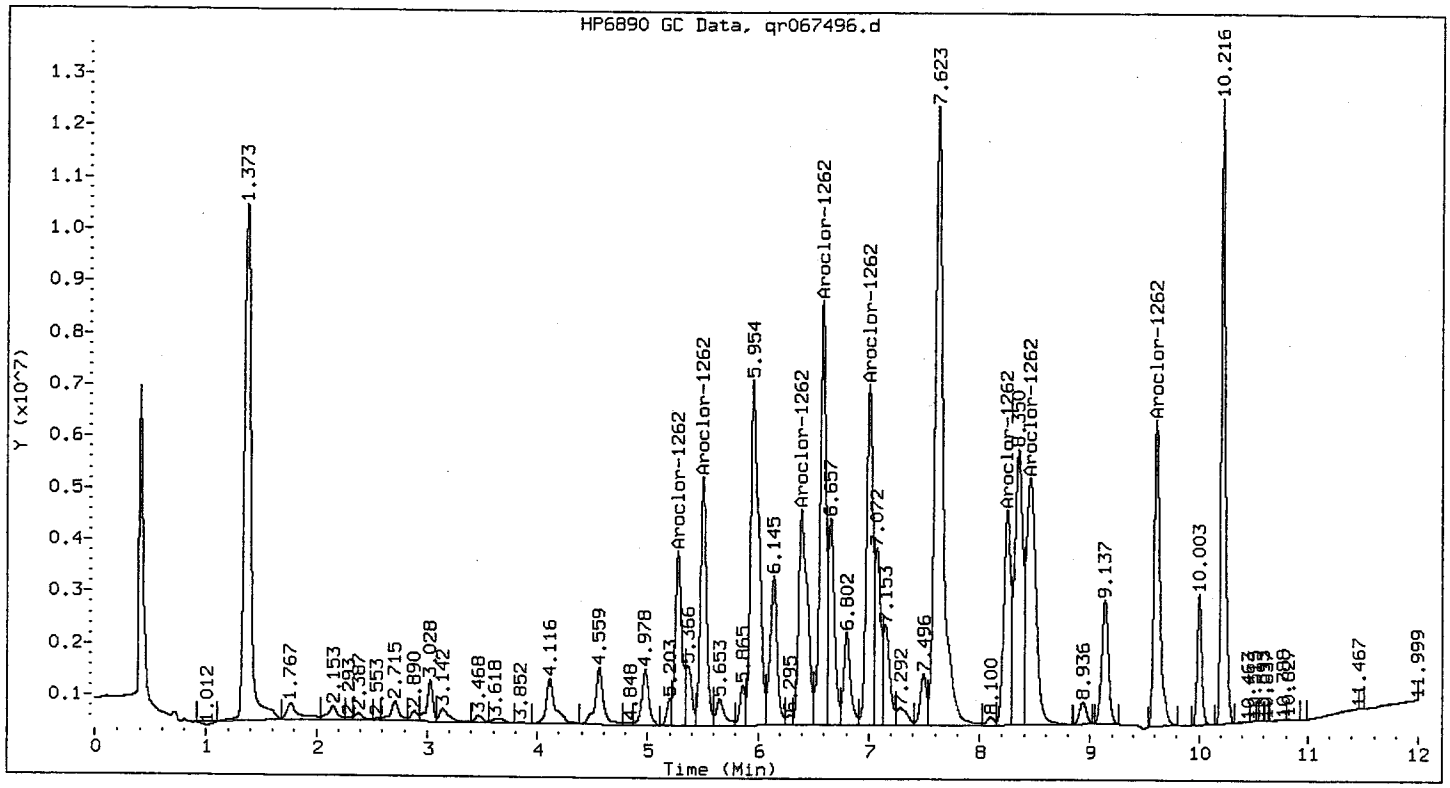
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067496.d

Compound	Midpoint Standard Response Factor
Aroclor-1262	14007.94
2	19102.38
3	23193.51
4	31473.19
5	26901.19
6	19125.68
7	29886.45
8	21347.19

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1262L3_00002 D
Lab ID : SG1262L3_00002 D
Inj Date : 14-DEC-2007 21:19
Operator : 615
Cpnd Sublist: AR12620

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1262	(M)	5.277	5.277	0.000	14007942	1000.000	1000.000
(2)		5.500	5.500	0.000	19102383	1000.000	1000.000
(3)		6.392	6.392	0.000	23193506	1000.000	1000.000
(4)		6.583	6.583	0.000	31473189	1000.000	1000.000
(5)		7.003	7.003	0.000	26901188	1000.000	1000.000
(6)		8.249	8.249	0.000	19125676	1000.000	1000.000
(7)		8.457	8.457	0.000	29886447	1000.000	1000.000
(8)		9.612	9.612	0.000	21347195	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

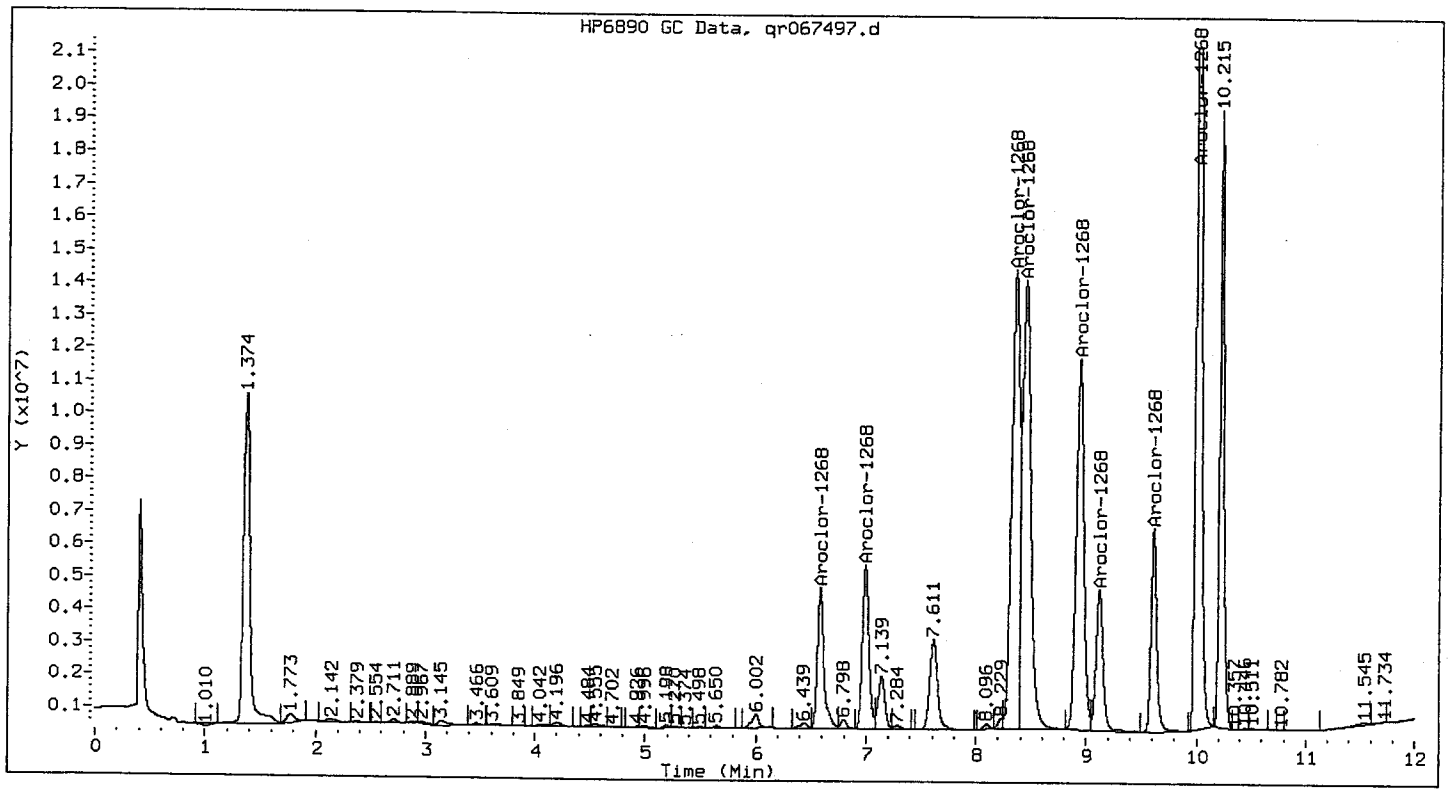
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067497.d

Compound	Midpoint Standard Response Factor
Aroclor-1268	17688.30
2	20440.31
3	65330.08
4	76545.09
5	55495.25
6	19665.58
7	21881.08
8	107819.13

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/06Qr8082.m
Sample Info : SG1268L3_00002 D
Lab ID : SG1268L3_00002 D
Inj Date : 14-DEC-2007 21:35
Operator : 615
Cpnd Sublist: AR12680

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (none)	FINAL (ug/kg)
Aroclor-1268	(M)	6.581	6.581	0.000	17688304	1000.000	1000.000
(2)		6.991	6.991	0.000	20440307	1000.000	1000.000
(3)		8.347	8.347	0.000	65330085	1000.000	1000.000
(4)		8.441	8.441	0.000	76545088	1000.000	1000.000
(5)		8.934	8.934	0.000	55495252	1000.000	1000.000
(6)		9.120	9.120	0.000	19665584	1000.000	1000.000
(7)		9.609	9.609	0.000	21881078	1000.000	1000.000
(8)		10.001	10.001	0.000	107819129	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b/qr067648.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Qr8082.m

Sample Information: SG1660L3_00003 C
Injection Date: 18-DEC-2007 07:14

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.756	1000	1112.69	11.27
Aroclor-1016	2	2.157	1000	1058.94	5.89
Aroclor-1016	3	2.387	1000	1078.91	7.89
Aroclor-1016	4	2.715	1000	1050.10	5.01
Aroclor-1016	5	2.890	1000	1107.80	10.78
Aroclor-1016	6	2.966	1000	1018.37	1.84
Aroclor-1016	7	3.467	1000	1075.05	7.50
Aroclor-1016	8	3.615	1000	1118.86	11.89
Aroclor-1260	1	5.495	1000	1055.51	5.55
Aroclor-1260	2	5.947	1000	1032.32	3.23
Aroclor-1260	3	6.386	1000	1043.28	4.33
Aroclor-1260	4	6.577	1000	1051.60	5.16
Aroclor-1260	5	6.996	1000	1077.20	7.72
Aroclor-1260	6	8.240	1000	1074.75	7.47
Aroclor-1260	7	8.448	1000	1079.79	7.98
Aroclor-1260	8	9.605	1000	1122.45	12.24

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.375	100	106.27	6.27
Decachlorobiphenyl(sur	10.209	100	102.63	2.63

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b/qr067648.d
Injection Date: 18-DEC-2007 07:14

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.756	
	2.155	(2.085 - 2.225)	2.157	
	2.384	(2.314 - 2.454)	2.387	
	2.713	(2.645 - 2.785)	2.715	
	2.888	(2.818 - 2.958)	2.890	
	2.963	(2.893 - 3.033)	2.966	
	3.465	(3.395 - 3.535)	3.467	
	3.613	(3.543 - 3.683)	3.615	
Aroclor-1260	5.495	(5.425 - 5.565)	5.495	
	5.948	(5.878 - 6.018)	5.947	
	6.387	(6.317 - 6.457)	6.386	
	6.578	(6.508 - 6.648)	6.577	
	6.998	(6.928 - 7.068)	6.996	
	8.243	(8.173 - 8.313)	8.240	
	8.453	(8.383 - 8.523)	8.448	
	9.609	(9.539 - 9.679)	9.605	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.375	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.209	

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07c.b/qf067648.d
Method: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07c.b/06Qf8082.m

Sample Information: SG1660L3_00003 C
Injection Date: 18-DEC-2007 07:14

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.532	1000	986.21	1.38
Aroclor-1016	2	3.096	1000	981.93	1.81
Aroclor-1016	3	3.470	1000	900.33	9.97
Aroclor-1016	4	3.874	1000	962.87	3.71
Aroclor-1016	5	4.120	1000	976.58	2.34
Aroclor-1016	6	4.557	1000	1013.17	1.32
Aroclor-1016	7	4.943	1000	946.57	5.34
Aroclor-1016	8	5.155	1000	955.49	4.45
Aroclor-1260	1	7.127	1000	982.52	1.75
Aroclor-1260	2	7.569	1000	974.24	2.58
Aroclor-1260	3	8.387	1000	956.59	4.34
Aroclor-1260	4	8.645	1000	991.79	0.82
Aroclor-1260	5	8.790	1000	953.26	4.67
Aroclor-1260	6	9.312	1000	997.75	0.23
Aroclor-1260	7	10.206	1000	1084.08	8.41
Aroclor-1260	8	10.699	1000	1043.39	4.34

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.890	100	107.82	7.82
Decachlorobiphenyl(sur	11.135	100	102.98	2.98

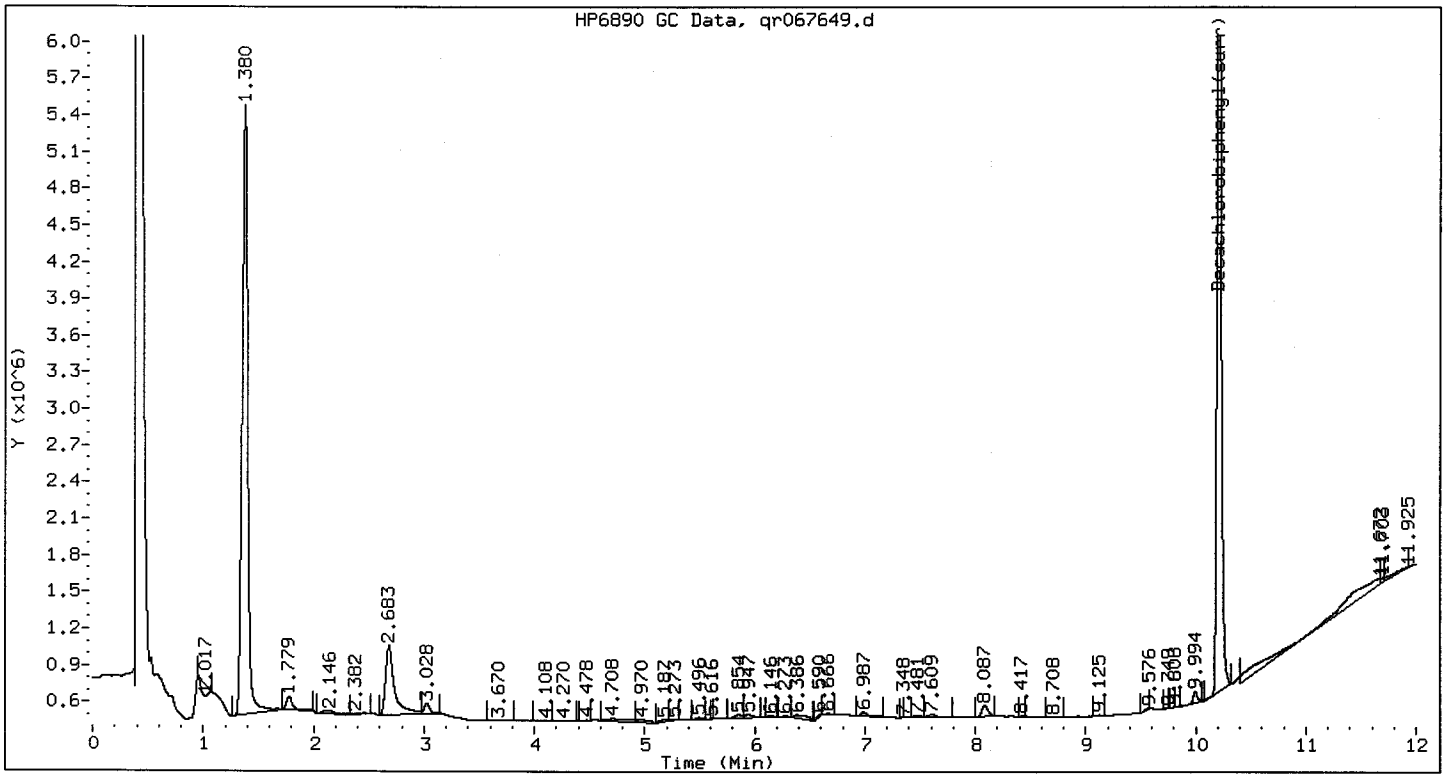
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07c.b/qf067648.d
Injection Date: 18-DEC-2007 07:14

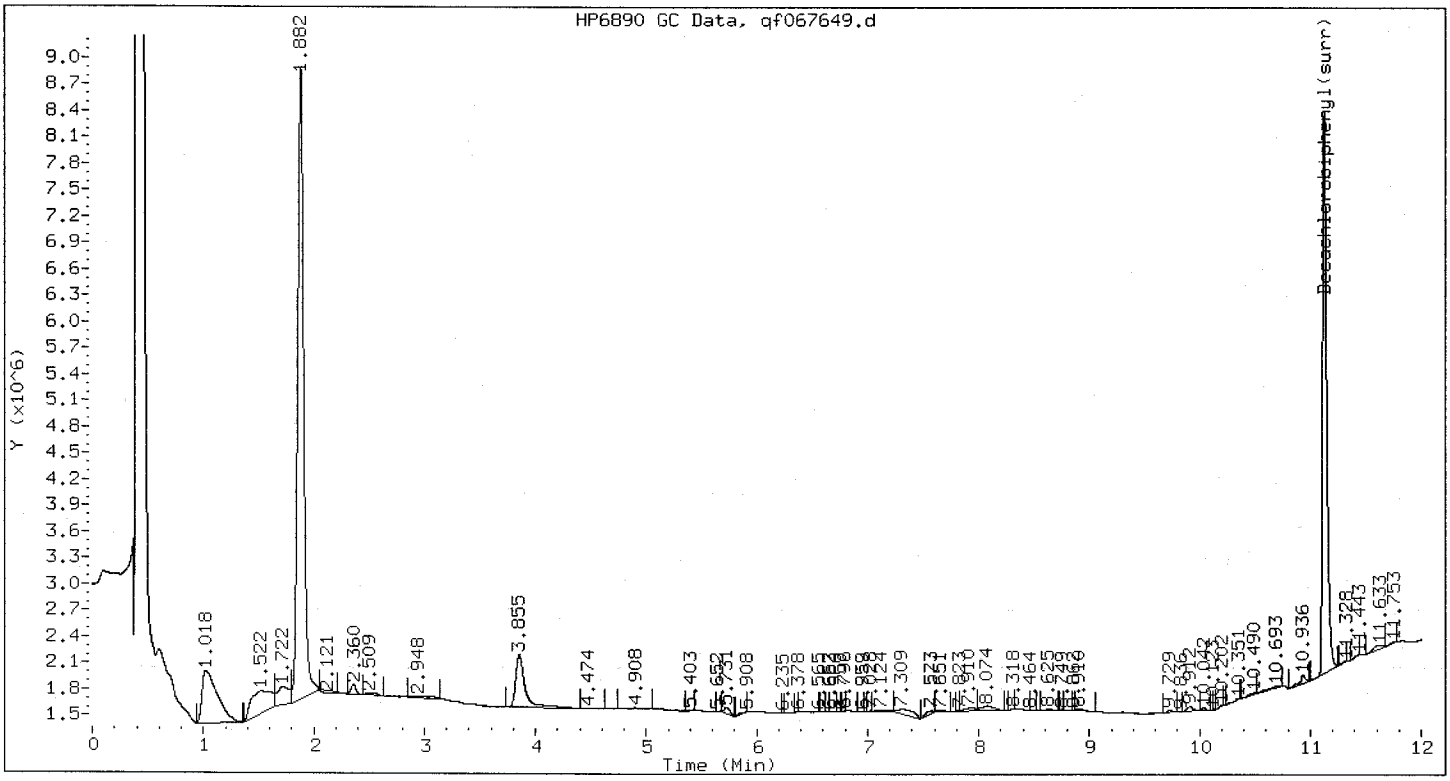
Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.517	(2.447 - 2.587)	2.532	
	3.082	(3.012 - 3.152)	3.096	
	3.454	(3.384 - 3.524)	3.470	
	3.859	(3.789 - 3.929)	3.874	
	4.104	(4.034 - 4.174)	4.120	
	4.544	(4.474 - 4.614)	4.557	
	4.933	(4.863 - 5.003)	4.943	
	5.144	(5.074 - 5.214)	5.155	
Aroclor-1260	7.124	(7.054 - 7.194)	7.127	
	7.565	(7.495 - 7.635)	7.569	
	8.387	(8.317 - 8.457)	8.387	
	8.642	(8.572 - 8.712)	8.645	
	8.789	(8.719 - 8.859)	8.790	
	9.312	(9.242 - 9.382)	9.312	
	10.211	(10.141 - 10.281)	10.206	
	10.709	(10.639 - 10.779)	10.699	
Tetrachloro-m-xylene(surr)	1.876	(1.826 - 1.926)	1.890	
Decachlorobiphenyl(surr)	11.154	(11.054 - 11.254)	11.135	



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Qr8082.m
Sample Info : sp351x;mb77623
Lab ID : SP351X
Inj Date : 18-DEC-2007 07:29
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.208	10.209	0.001	17978144	58.661	39.108

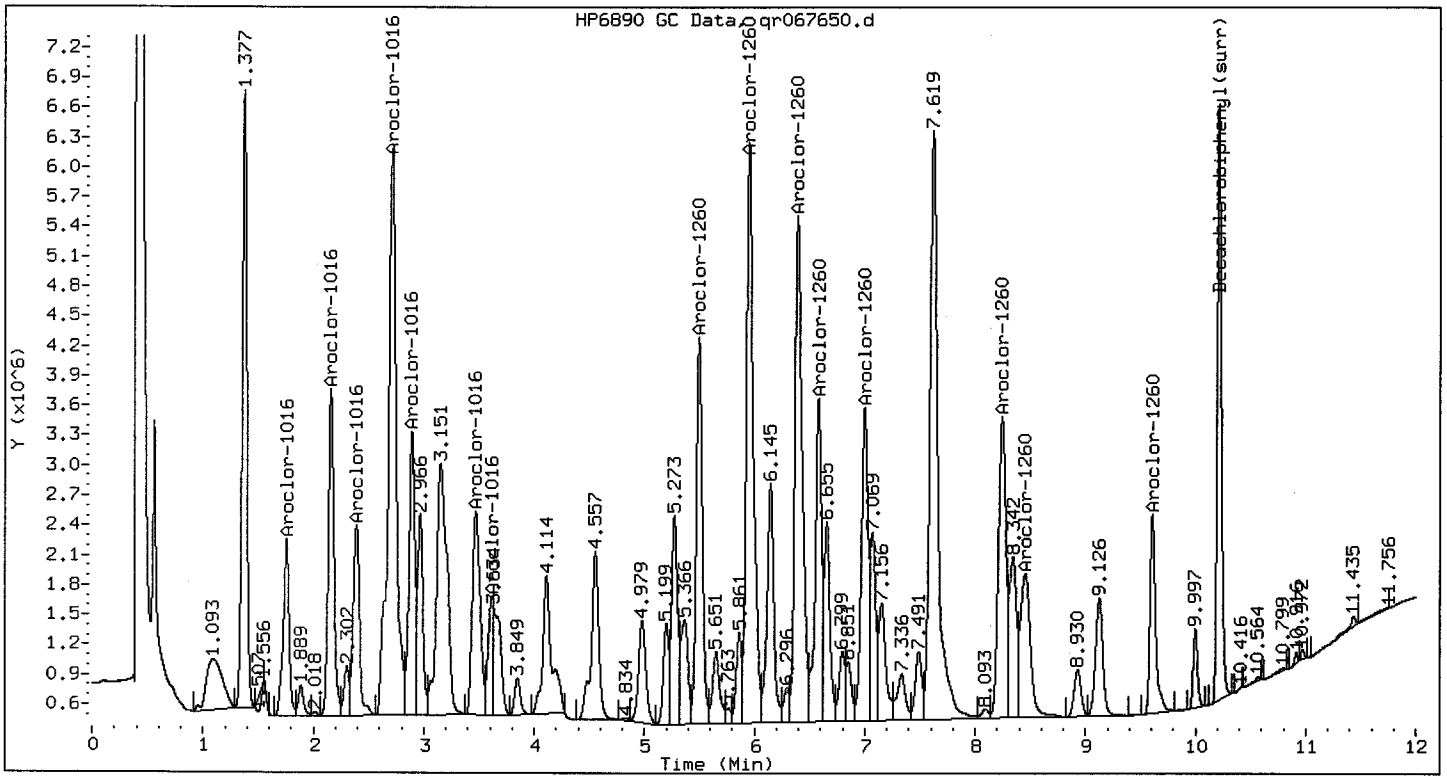


Method : /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07c.b/06Qf8082.m
Sample Info : sp351x;mb77623
Lab ID : SP351X
Inj Date : 18-DEC-2007 07:29
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

1/9/8

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	11.126	11.135	0.010	16404515	56.042	37.361



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Qr8082.m
Sample Info : 6375bs;bs62142
Lab ID : 6375BS
Inj Date : 18-DEC-2007 07:46
Operator : 615
Cpnd Sublist: PCB8082+

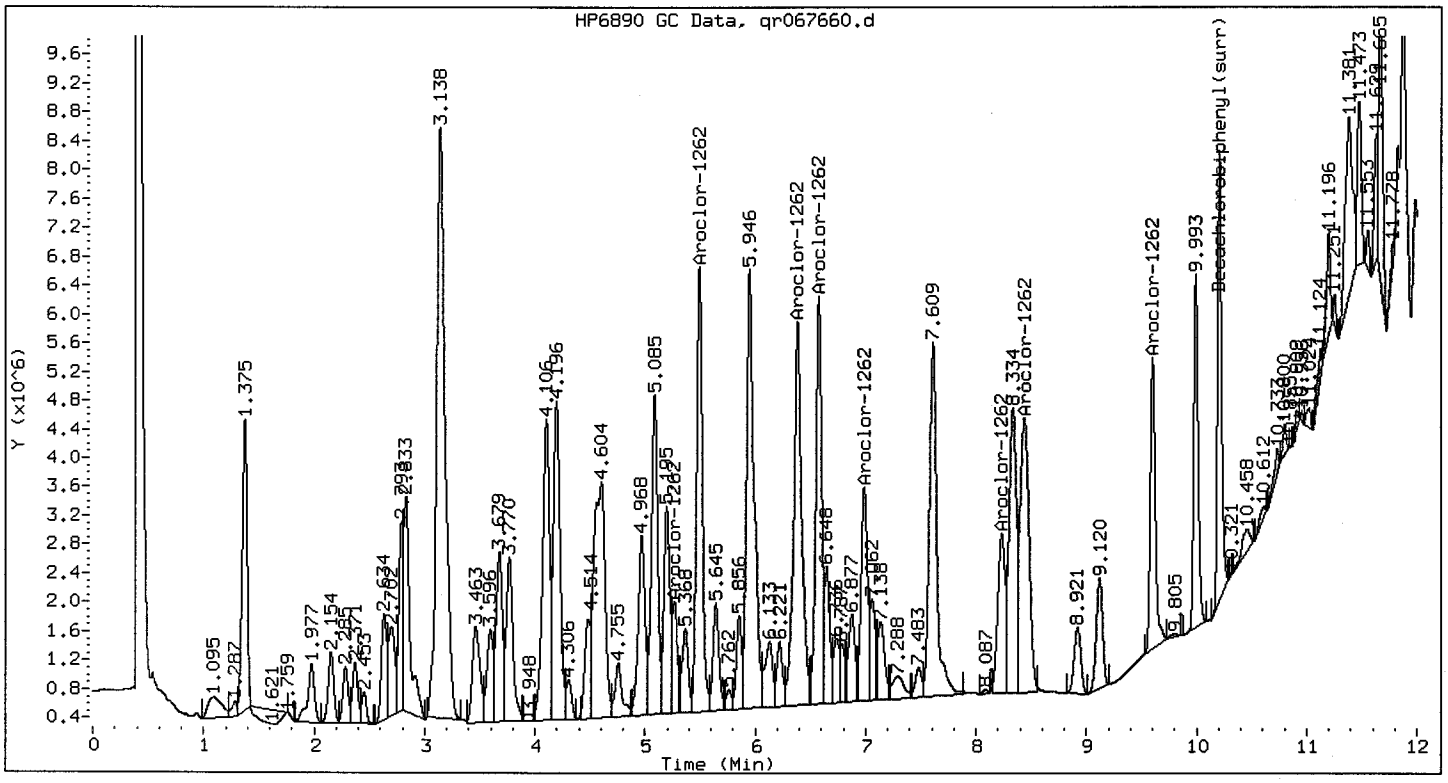
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	1.757	1.756	0.001	6588890	637.097	424.731
(2)		2.158	2.157	0.001	11553774	608.060	405.373
(3)		2.388	2.387	0.001	7952924	626.566	417.711
(4)		2.716	2.715	0.000	29318644	723.025	482.017
(5)		2.890	2.890	0.001	9973948	630.850	420.567
(6)		------	2.966	------	------	------	------ (*)
(7)		3.468	3.467	0.001	10075856	608.681	405.787
(8)		3.616	3.615	0.001	3995159	499.326	332.884
Average of peak concentrations:							410.00
Aroclor-1260		5.497	5.495	0.002	15020027	662.626	441.751
(2)		5.950	5.947	0.003	26102553	645.218	430.145
(3)		6.389	6.386	0.003	24105063	639.704	426.469
(4)		6.580	6.577	0.003	12870369	648.016	432.010
(5)		6.999	6.996	0.003	12867756	669.468	446.312
(6)		8.244	8.240	0.004	14661552	629.944	419.962

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	8.456	8.448	0.008	9183266	655.569	437.046
(8)	9.609	9.605	0.003	7150998	629.527	419.685
Average of peak concentrations:						430.00
Decachlorobiphenyl(surr)	10.211	10.209	0.002	15596804	50.891	33.927

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



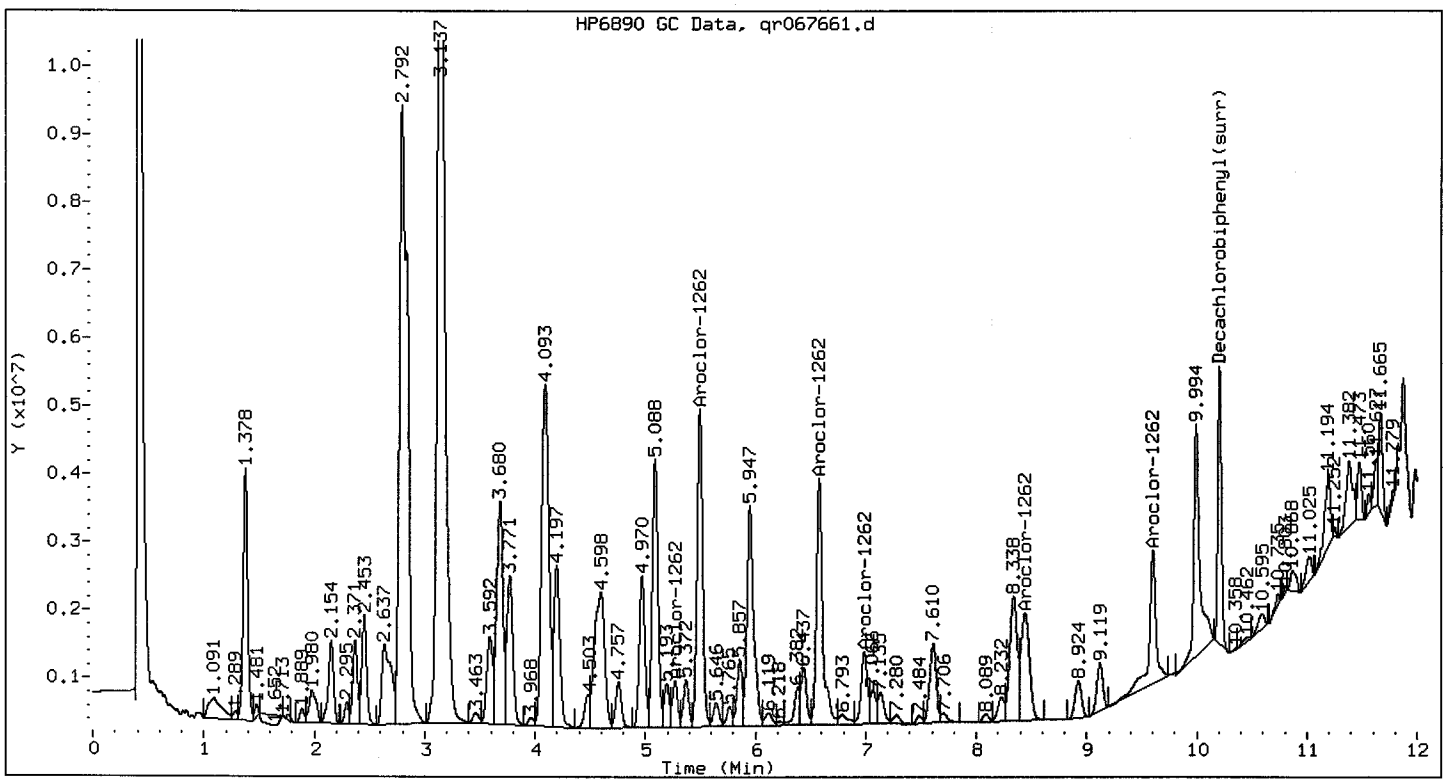
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Qr8082.m
Sample Info : 884972;4045074
Lab ID : 884972
Inj Date : 18-DEC-2007 10:20
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	(M)	5.265	5.277	0.012	5194580	370.831	411.349
(2)		5.492	5.500	0.008	22718295	1189.291	1319.236
(3)		6.380	6.392	0.011	27127856	1169.632	1297.428
(4)		6.573	6.583	0.010	20885874	663.608	736.116
(5)		6.990	7.003	0.014	12171373	452.447	501.883
(6)		8.235	8.249	0.015	10075403	526.800	584.359
(7)		8.437	8.457	0.020	21545598	720.915	799.684
(8)		9.601	9.612	0.010	12803606	599.779	665.313
Average of peak concentrations:							790.00
Decachlorobiphenyl(surr)		10.206	10.209	0.003	15421979	50.321	55.819

COMMENTS:

M - Compound response manually integrated.



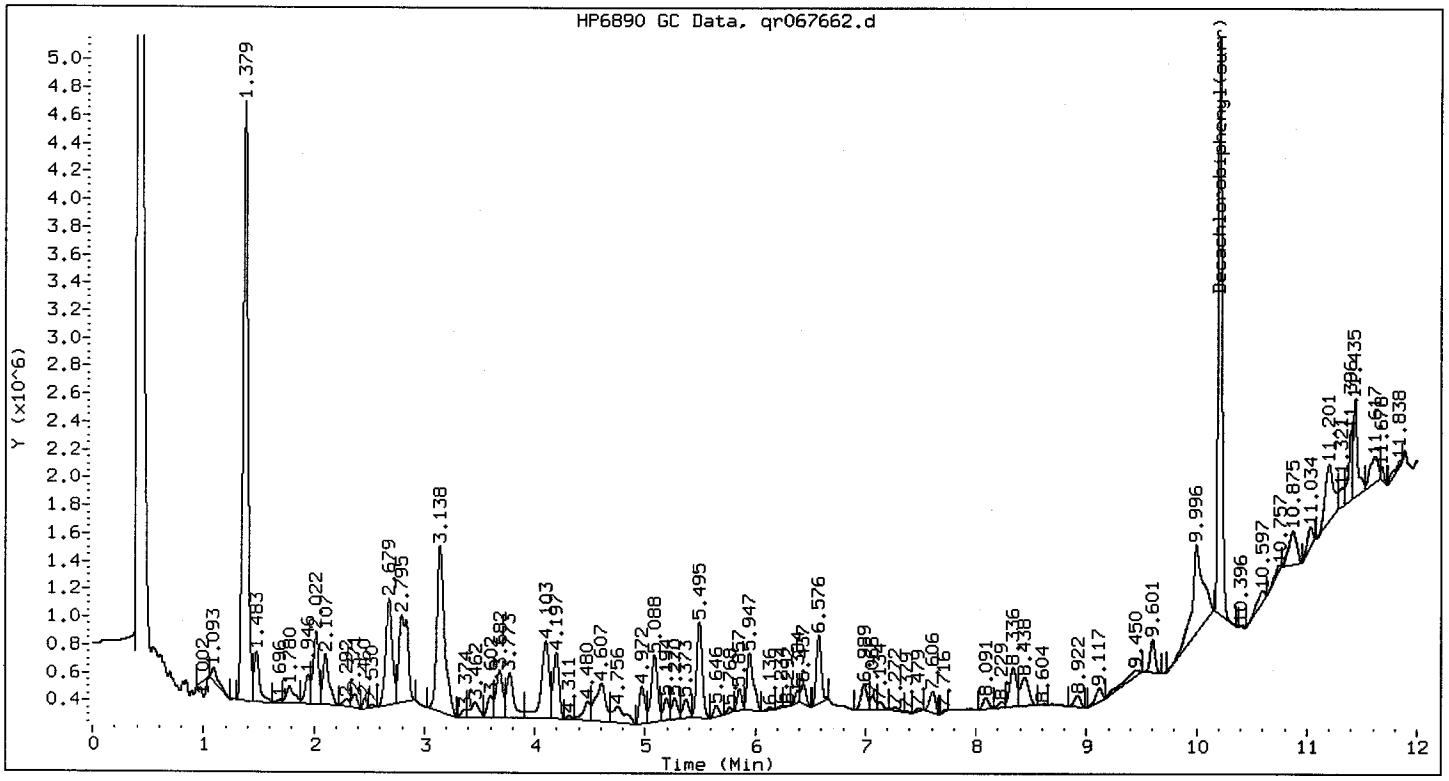
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Qr8082.m
Sample Info : 884973;4045076
Lab ID : 884973
Inj Date : 18-DEC-2007 10:35
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	5.270	5.277	0.007	2280865	162.827	177.371
(2)	5.494	5.500	0.006	16420746	859.618	936.403
(3)	------	6.392	------	------	------	------ (*)
(4)	6.575	6.583	0.008	14622047	464.587	506.086
(5)	6.989	7.003	0.014	4189687	155.744	169.655
(6)	------	8.249	------	------	------	------ (*)
(7)	8.440	8.457	0.017	8520513	285.096	310.562
(8)	9.603	9.612	0.008	8489772	397.700	433.224
Average of peak concentrations:						420.00
Decachlorobiphenyl(surr)	10.207	10.209	0.002	9266381	30.235	32.936

COMMENTS:

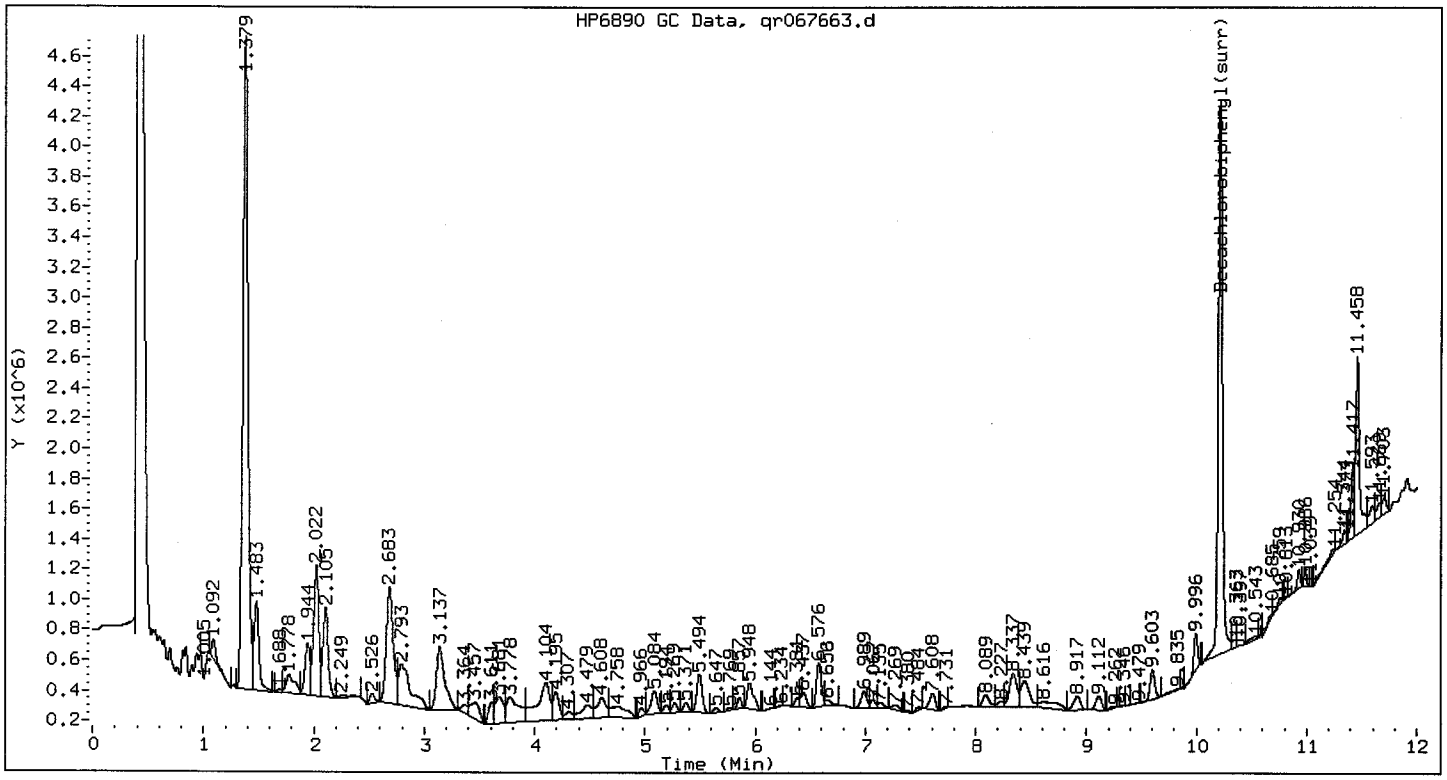
* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Qr8082.m
Sample Info : 884974;4045078
Lab ID : 884974
Inj Date : 18-DEC-2007 10:52
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.207	10.209	0.001	10124570	33.036	38.369



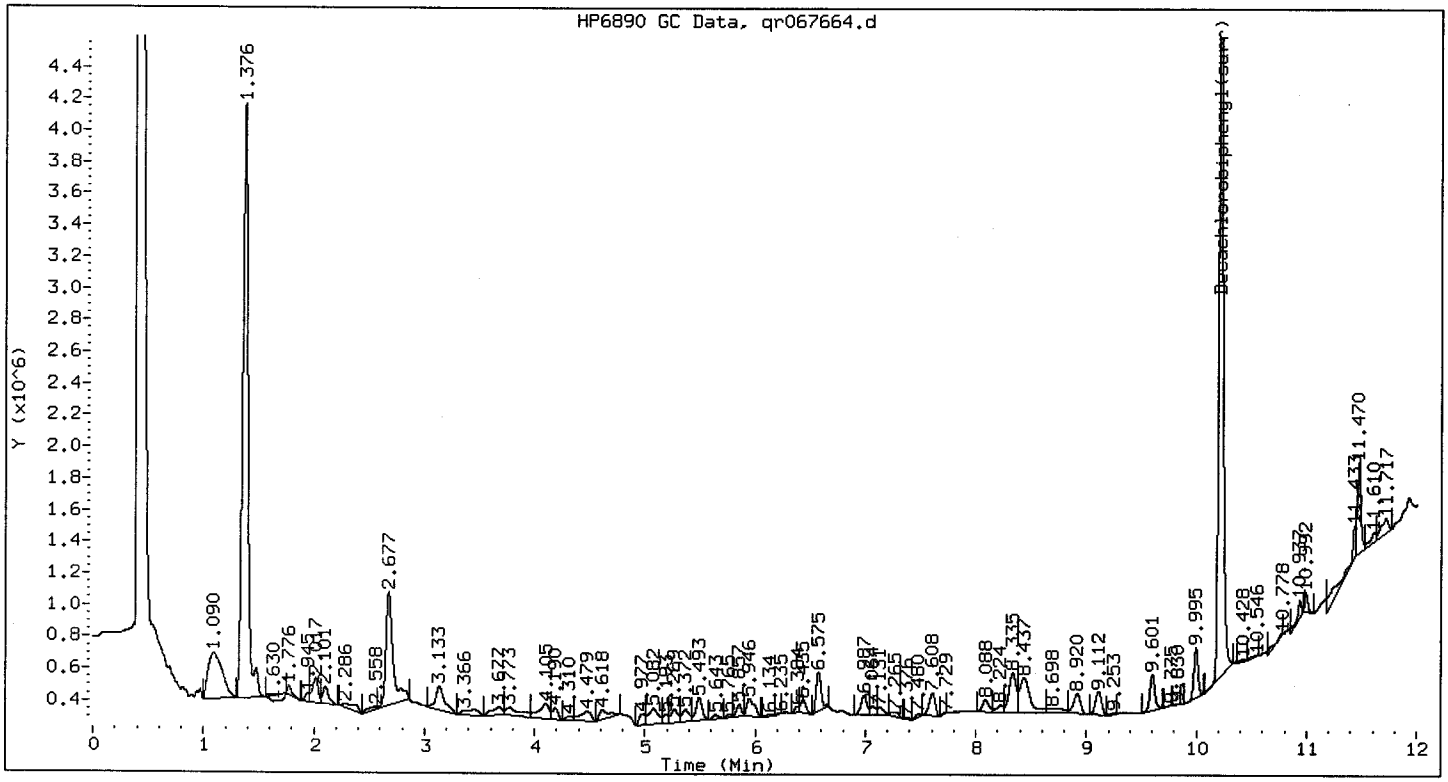
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Qr8082.m
Sample Info : 884975;4045080
Lab ID : 884975
Inj Date : 18-DEC-2007 11:08
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	(M)	10.211	10.209	0.002	9423769	30.749	35.713

COMMENTS:

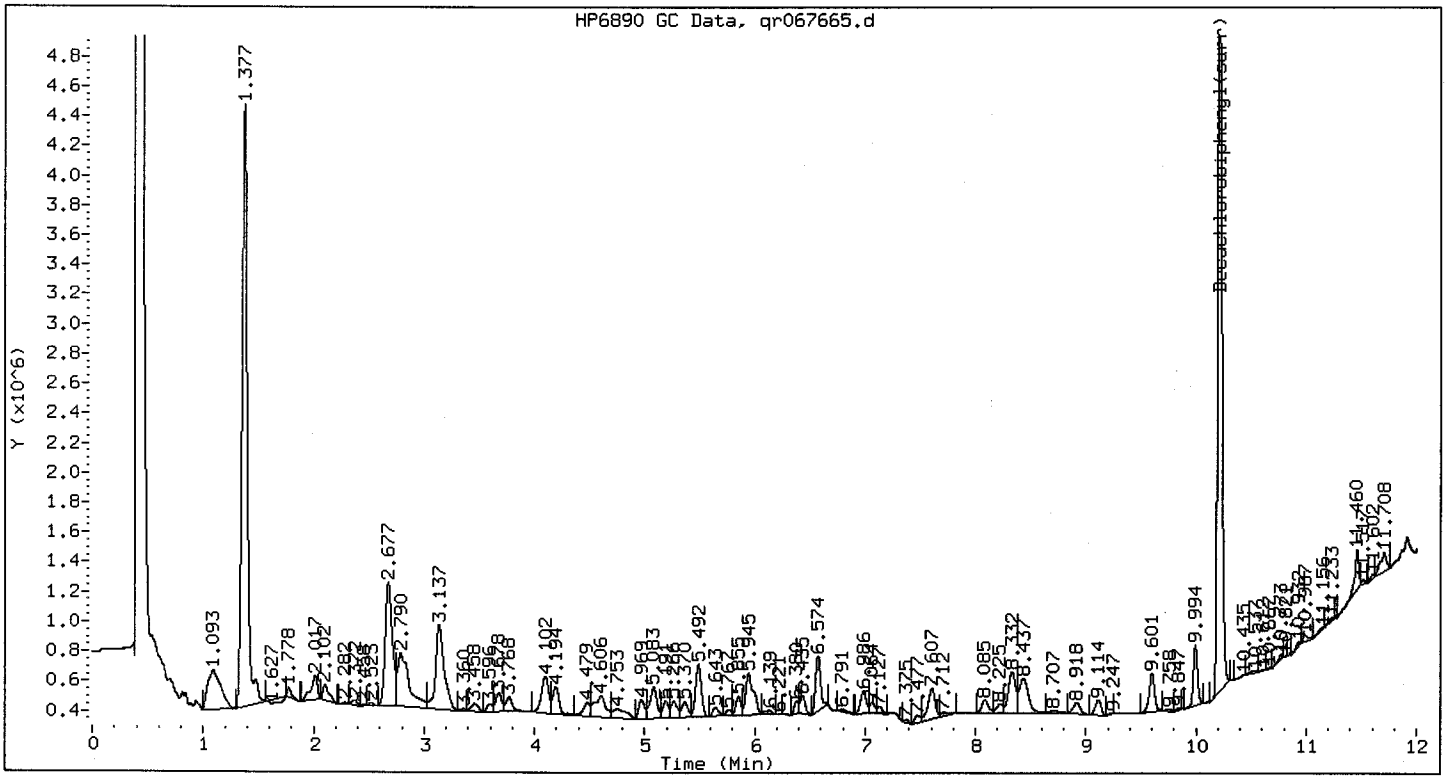
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Qr8082.m
Sample Info : 884976;4045082
Lab ID : 884976
Inj Date : 18-DEC-2007 11:25
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.212	10.209	0.003	11997423	39.147	43.715



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Qr8082.m
Sample Info : 884977;4045084
Lab ID : 884977
Inj Date : 18-DEC-2007 11:40
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.210	10.209	0.001	13428508	43.816	50.104

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07d.b/qr067670.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Qr8082.m

Sample Information: SG1660L3_00003 D
Injection Date: 18-DEC-2007 13:01

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.757	1000	1132.61	13.26
Aroclor-1016	2	2.159	1000	1055.65	5.57
Aroclor-1016	3	2.389	1000	1079.05	7.91
Aroclor-1016	4	2.717	1000	1077.34	7.73
Aroclor-1016	5	2.892	1000	1147.49	14.75
Aroclor-1016	6	2.967	1000	1060.90	6.09
Aroclor-1016	7	3.469	1000	1083.64	8.36
Aroclor-1016	8	3.617	1000	1097.43	9.74
Aroclor-1260	1	5.497	1000	1117.74	11.77
Aroclor-1260	2	5.949	1000	1082.69	8.27
Aroclor-1260	3	6.387	1000	1082.62	8.26
Aroclor-1260	4	6.577	1000	1088.01	8.80
Aroclor-1260	5	6.997	1000	1116.76	11.68
Aroclor-1260	6	8.241	1000	1045.88	4.59
Aroclor-1260	7	8.449	1000	1045.22	4.52
Aroclor-1260	8	9.607	1000	997.77	0.22

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.377	100	102.30	2.30
Decachlorobiphenyl(sur	10.209	100	113.77	13.77

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07d.b/qr067670.d
Injection Date: 18-DEC-2007 13:01

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.757	
	2.155	(2.085 - 2.225)	2.159	
	2.384	(2.314 - 2.454)	2.389	
	2.713	(2.645 - 2.785)	2.717	
	2.888	(2.818 - 2.958)	2.892	
	2.963	(2.893 - 3.033)	2.967	
	3.465	(3.395 - 3.535)	3.469	
	3.613	(3.543 - 3.683)	3.617	
Aroclor-1260	5.495	(5.425 - 5.565)	5.497	
	5.948	(5.878 - 6.018)	5.949	
	6.387	(6.317 - 6.457)	6.387	
	6.578	(6.508 - 6.648)	6.577	
	6.998	(6.928 - 7.068)	6.997	
	8.243	(8.173 - 8.313)	8.241	
	8.453	(8.383 - 8.523)	8.449	
	9.609	(9.539 - 9.679)	9.607	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.377	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.209	

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07d.b/qf067670.d
Method: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07d.b/06Qf8082.m

Sample Information: SG1660L3_00003 D
Injection Date: 18-DEC-2007 13:01

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.532	1000	1048.61	4.86
Aroclor-1016	2	3.097	1000	1020.47	2.05
Aroclor-1016	3	3.472	1000	934.75	6.53
Aroclor-1016	4	3.875	1000	984.87	1.51
Aroclor-1016	5	4.119	1000	996.88	0.31
Aroclor-1016	6	4.557	1000	911.43	8.86
Aroclor-1016	7	4.943	1000	940.20	5.98
Aroclor-1016	8	5.155	1000	974.53	2.55
Aroclor-1260	1	7.129	1000	977.49	2.25
Aroclor-1260	2	7.571	1000	955.26	4.47
Aroclor-1260	3	8.392	1000	1011.73	1.17
Aroclor-1260	4	8.647	1000	990.50	0.95
Aroclor-1260	5	8.792	1000	929.13	7.09
Aroclor-1260	6	9.313	1000	1084.97	8.50
Aroclor-1260	7	10.207	1000	940.77	5.92
Aroclor-1260	8	10.700	1000	940.66	5.93

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.891	100	112.69	12.69
Decachlorobiphenyl(sur	11.135	100	108.96	8.96

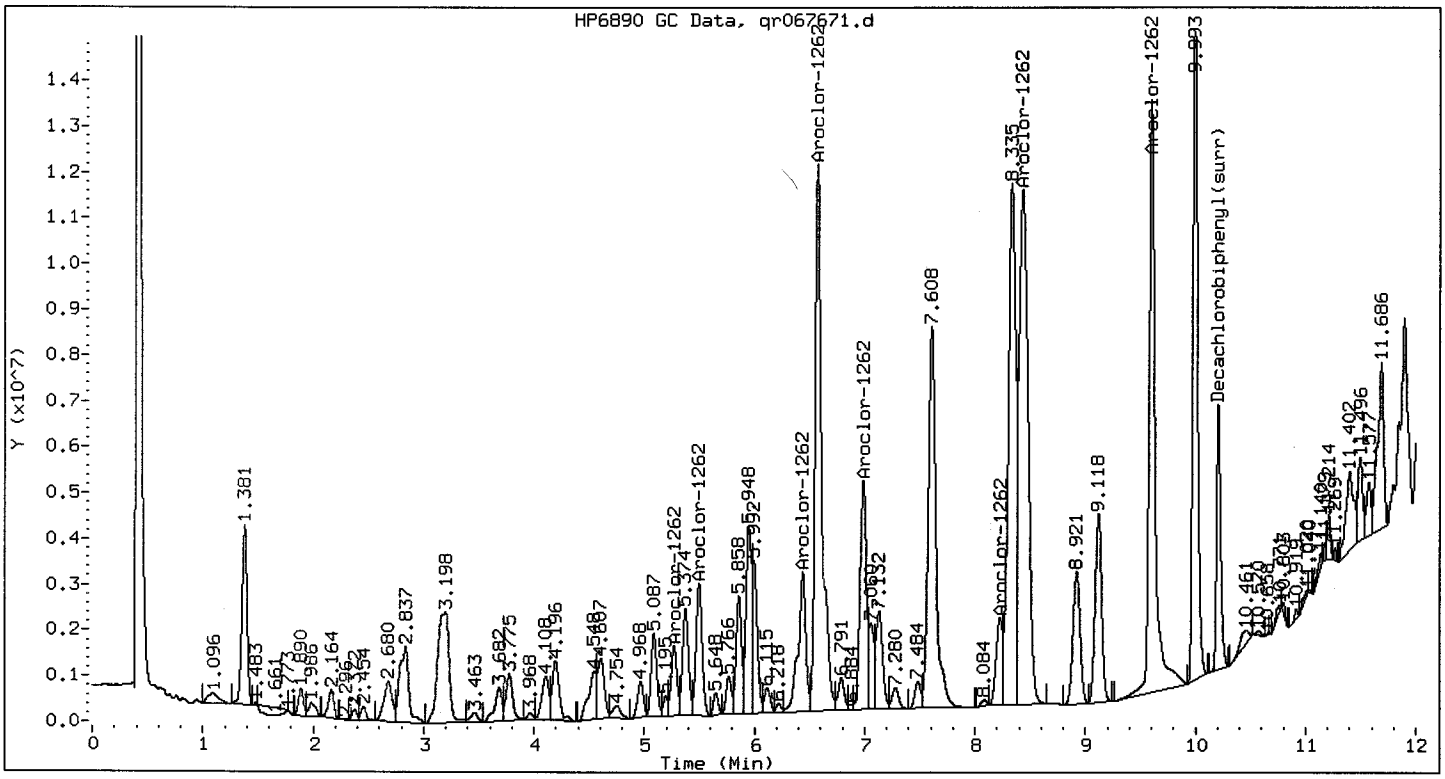
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07d.b/qf067670.d
Injection Date: 18-DEC-2007 13:01

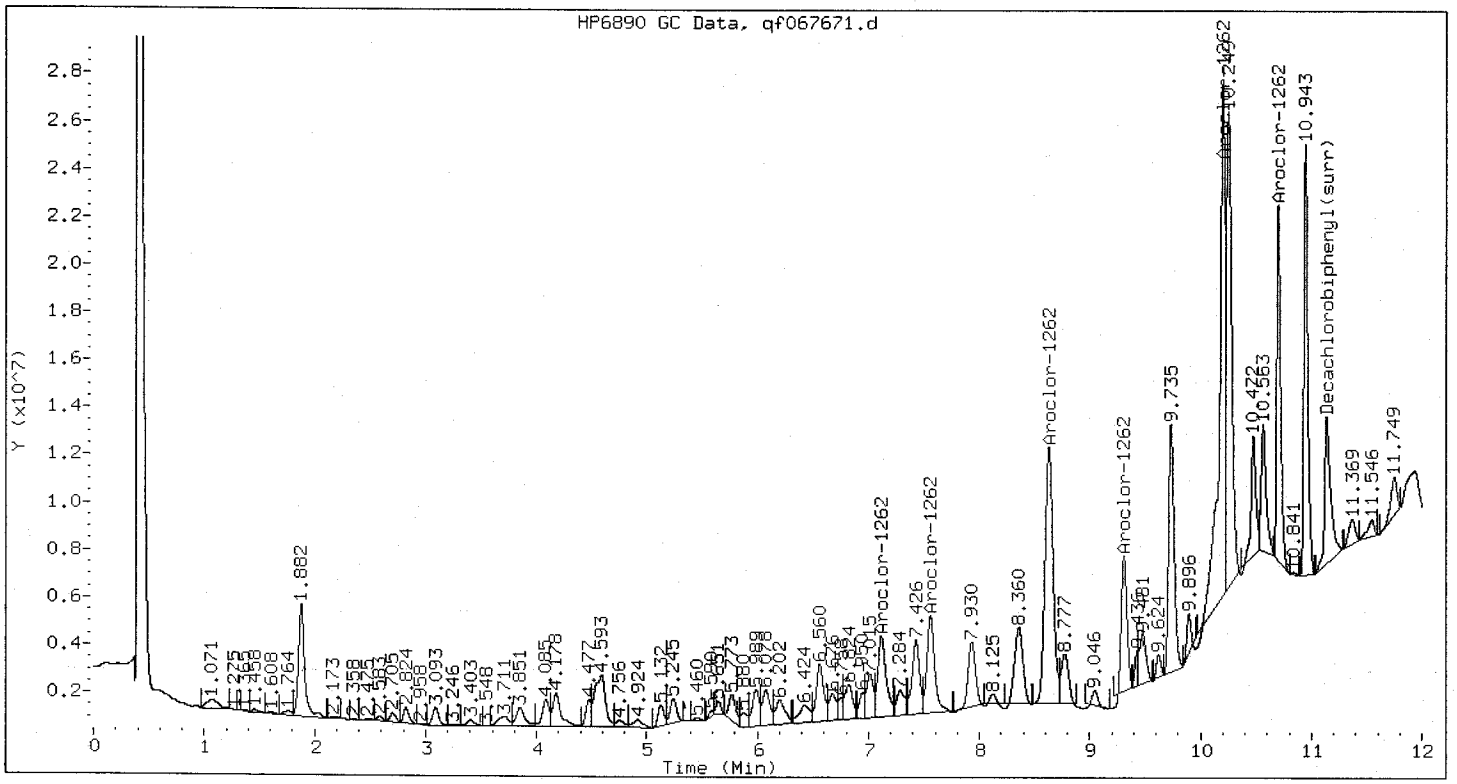
Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.517	(2.447 - 2.587)	2.532	
	3.082	(3.012 - 3.152)	3.097	
	3.454	(3.384 - 3.524)	3.472	
	3.859	(3.789 - 3.929)	3.875	
	4.104	(4.034 - 4.174)	4.119	
	4.544	(4.474 - 4.614)	4.557	
	4.933	(4.863 - 5.003)	4.943	
	5.144	(5.074 - 5.214)	5.155	
Aroclor-1260	7.124	(7.054 - 7.194)	7.129	
	7.565	(7.495 - 7.635)	7.571	
	8.387	(8.317 - 8.457)	8.392	
	8.642	(8.572 - 8.712)	8.647	
	8.789	(8.719 - 8.859)	8.792	
	9.312	(9.242 - 9.382)	9.313	
	10.211	(10.141 - 10.281)	10.207	
	10.709	(10.639 - 10.779)	10.700	
Tetrachloro-m-xylene(surr)	1.876	(1.826 - 1.926)	1.891	
Decachlorobiphenyl(surr)	11.154	(11.054 - 11.254)	11.135	



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Qr8082.m
Sample Info : 884983;4045096
Lab ID : 884983
Inj Date : 18-DEC-2007 13:16
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1262	5.271	5.277	0.005	5552862	396.408	541.541
(2)	5.497	5.500	0.003	11254844	589.185	804.898
(3)	6.437	6.392	0.045	14836736	639.694	873.898
(4)	6.574	6.583	0.009	52185075	1658.080	2265.137
(5)	6.987	7.003	0.016	20456691	760.438	1038.850
(6)	8.229	8.249	0.020	7588941	396.793	542.067
(7)	8.435	8.457	0.022	64156390	2146.672	2932.612
(8)	9.601	9.612	0.010	50790806	2379.273	3250.373
Average of peak concentrations:						1500.00
Decachlorobiphenyl(surr)	10.207	10.209	0.002	14759453	48.159	65.791



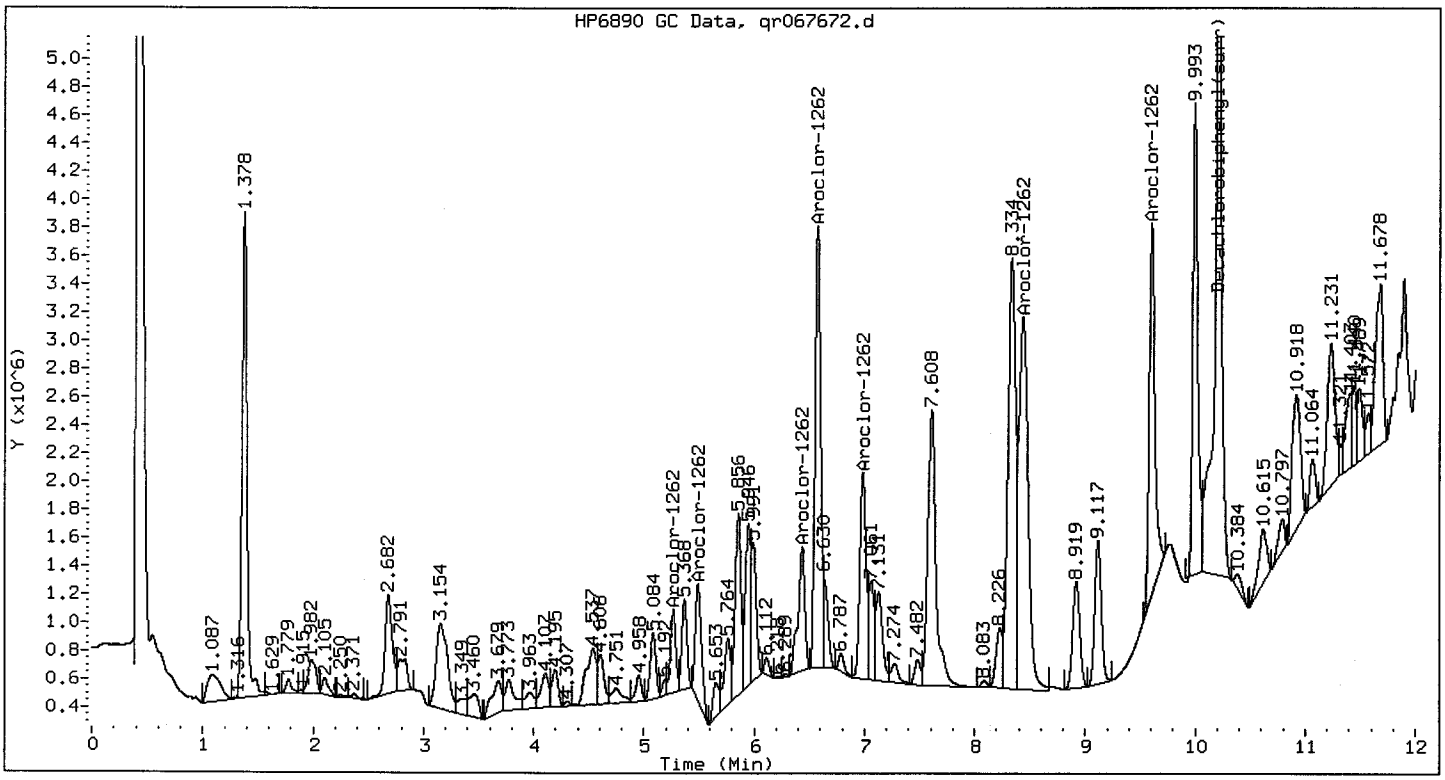
Method : /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07d.b/06Qf8082.m
Sample Info : 884983;4045096
Lab ID : 884983
Inj Date : 18-DEC-2007 13:16
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	7.118	7.136	0.018	17350913	633.946	866.046
(2)	7.558	7.578	0.020	19826183	604.954	826.440
(3)	8.632	8.657	0.025	55639191	1120.377	1530.570
(4)	9.310	9.323	0.013	19728488	559.570	764.440
(5)	10.199	10.213	0.014	75382746	2085.304	2848.775
(6)	------	10.261	------	------	------	------ (*)
(7)	10.697	10.709	0.012	36238150	2177.273	2974.416
(8)	------	10.957	------	------	------	------ (*)
Average of peak concentrations:						1600.00
Decachlorobiphenyl(surr)	11.137	11.135	0.002	23439440	80.075	109.392

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



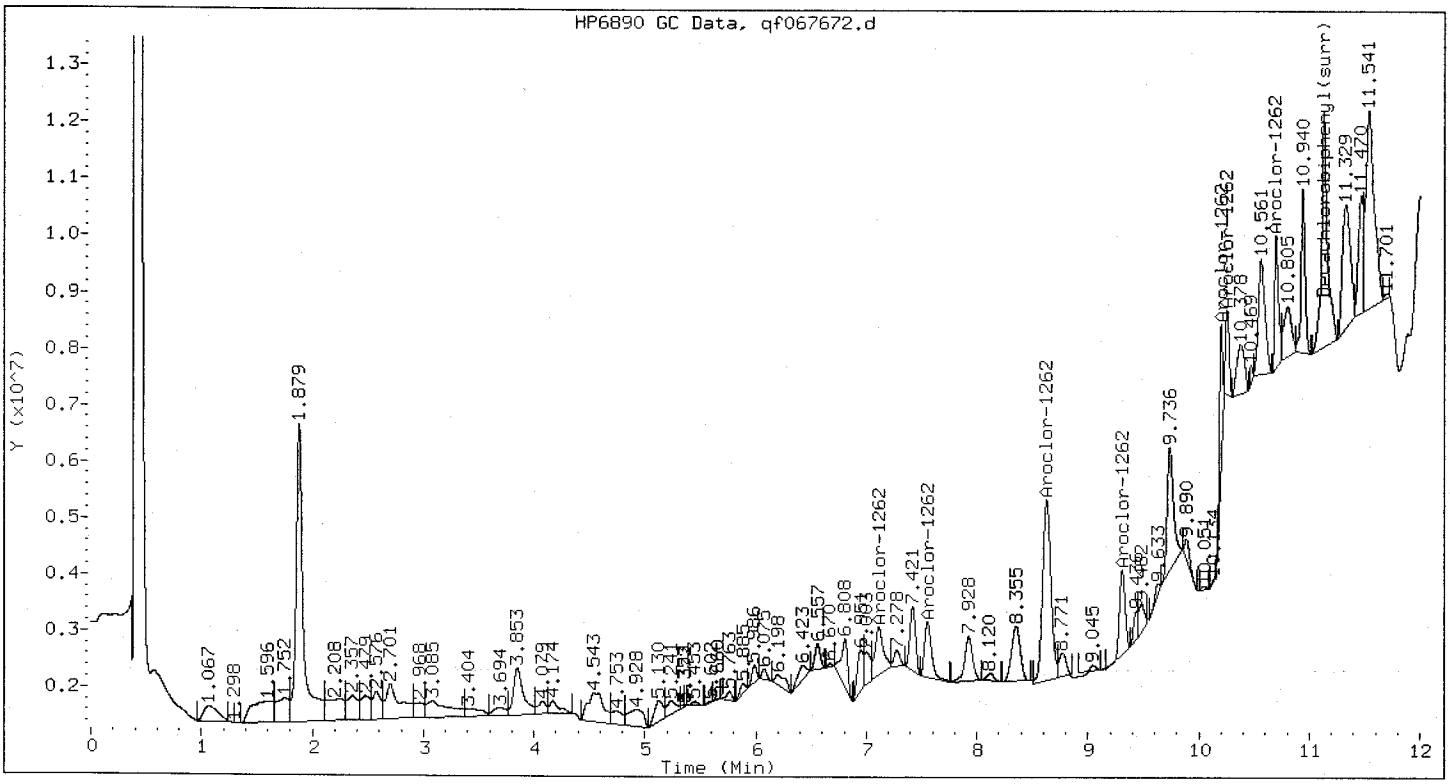
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Qr8082.m
Sample Info : 884984;4045098
Lab ID : 884984
Inj Date : 18-DEC-2007 13:31
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	(M)	5.267	5.277	0.010	2044359	145.943	158.720
(2)		5.492	5.500	0.008	3292182	172.344	187.432
(3)		6.436	6.392	0.044	3719977	160.389	174.430
(4)		6.573	6.583	0.009	11163535	354.700	385.753
(5)		6.987	7.003	0.017	5904621	219.493	238.709
(6)		------	8.249	------	------	------	------ (*)
(7)		8.435	8.457	0.022	15543570	520.088	565.620
(8)		9.603	9.612	0.009	9261837	433.867	471.851
Average of peak concentrations:							310.00
Decachlorobiphenyl(surr)	(M)	10.206	10.209	0.003	21463385	70.033	76.165

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



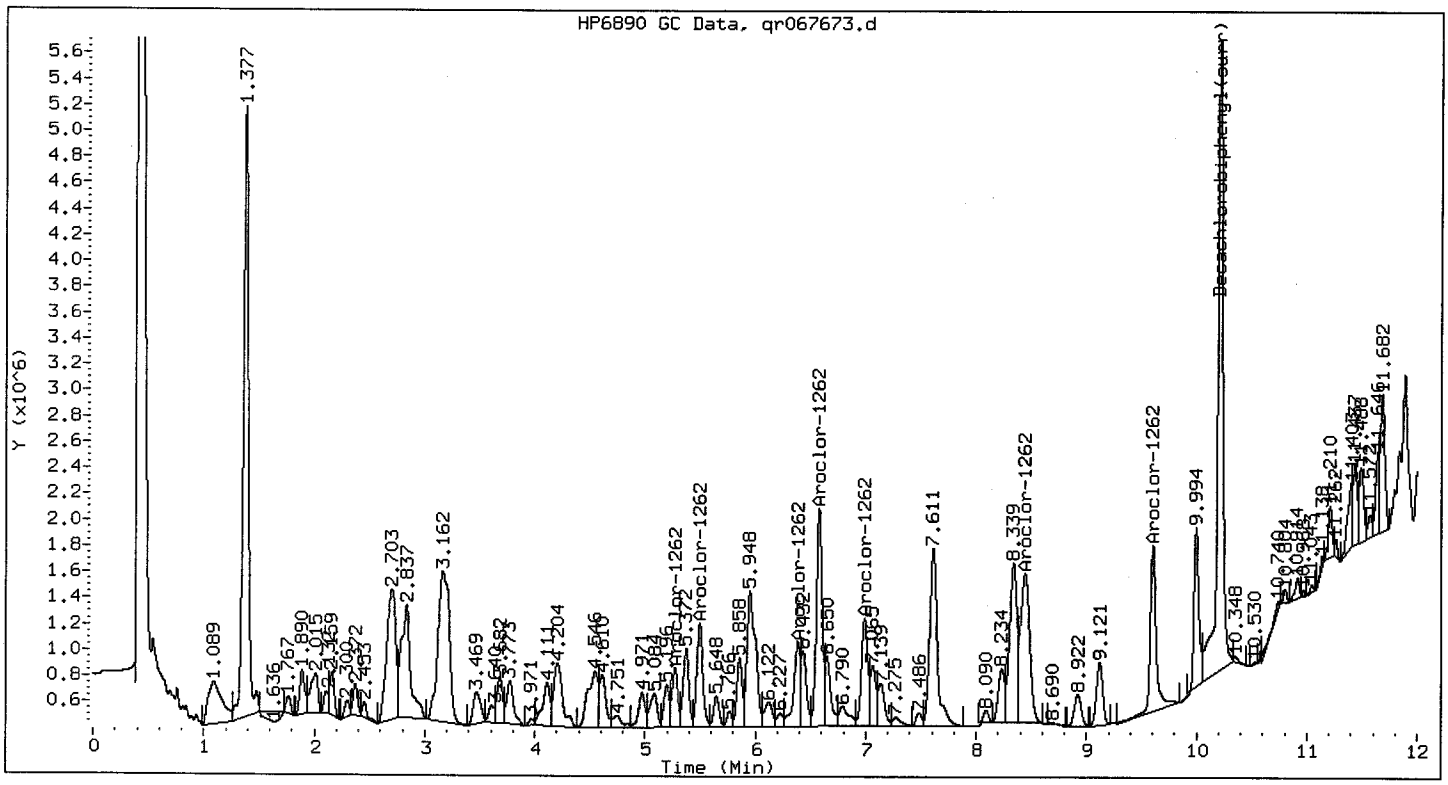
Method : /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07d.b/06Qf8082.m
Sample Info : 884984;4045098
Lab ID : 884984
Inj Date : 18-DEC-2007 13:31
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	7.113	7.136	0.022	4512282	164.864	179.298
(2)	7.554	7.578	0.024	4264731	130.129	141.522
(3)	8.629	8.657	0.027	16612358	334.514	363.800
(4)	9.308	9.323	0.015	5352033	151.803	165.093
(5)	10.198	10.213	0.014	4471404	123.692	134.521
(6)	10.253	10.261	0.008	3504687	121.530	132.170
(7)	10.695	10.709	0.014	5603361	336.663	366.137
(8)	------	10.957	------	------	------	------ (*)
Average of peak concentrations:						210.00
Decachlorobiphenyl(surr)	11.131	11.135	0.004	15148537	51.751	56.282

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



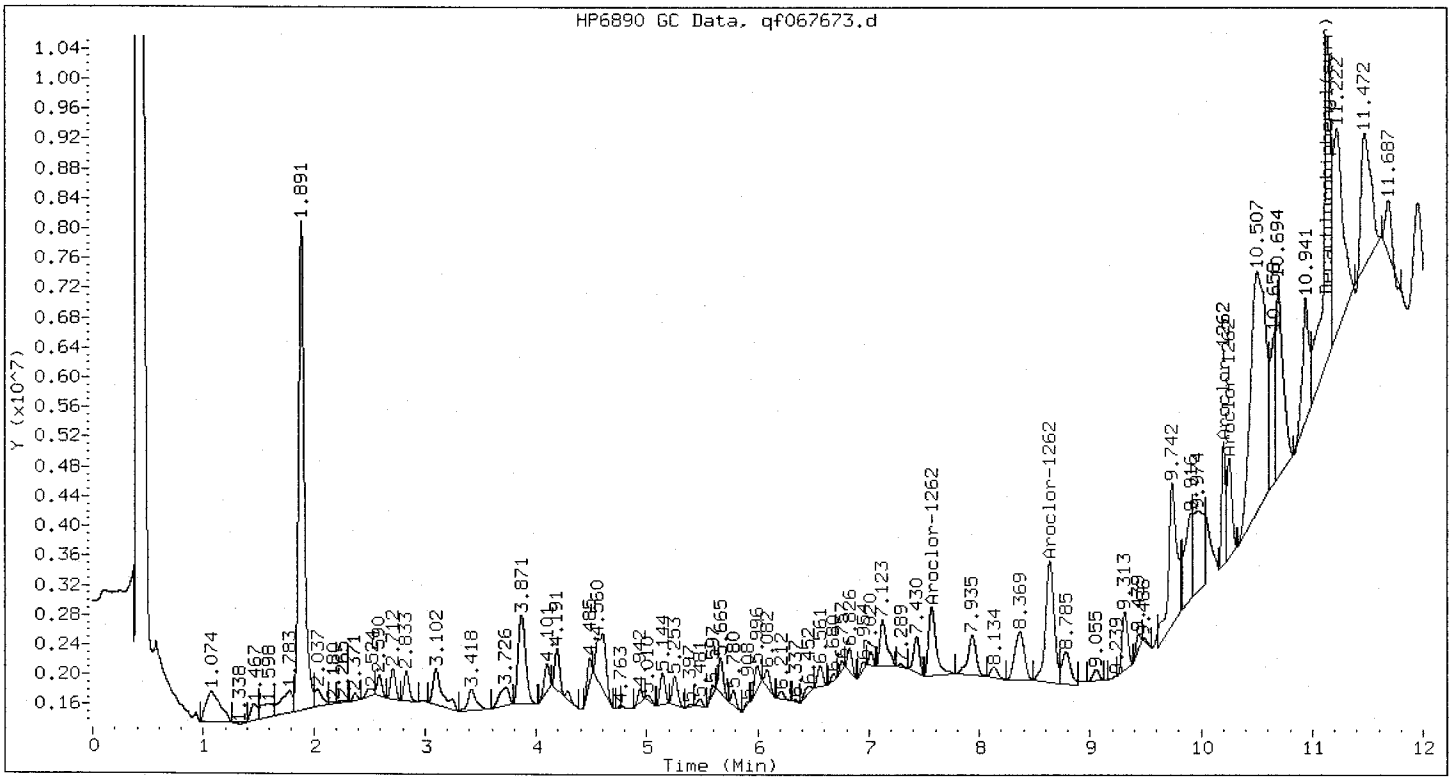
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Qr8082.m
Sample Info : 884985;4045100
Lab ID : 884985
Inj Date : 18-DEC-2007 13:47
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	5.270	5.277	0.007	1649882	117.782	187.402
(2)	5.496	5.500	0.004	3083205	161.404	256.809
(3)	6.383	6.392	0.008	2597359	111.986	178.181
(4)	6.577	6.583	0.006	6172701	196.126	312.054
(5)	6.992	7.003	0.012	3302405	122.761	195.323
(6)	------	8.249	------	------	------	------ (*)
(7)	8.441	8.457	0.016	6583795	220.294	350.507
(8)	9.603	9.612	0.008	4804495	225.064	358.098
Average of peak concentrations:						260.00
Decachlorobiphenyl(surr)	10.207	10.209	0.002	16979274	55.402	88.150

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



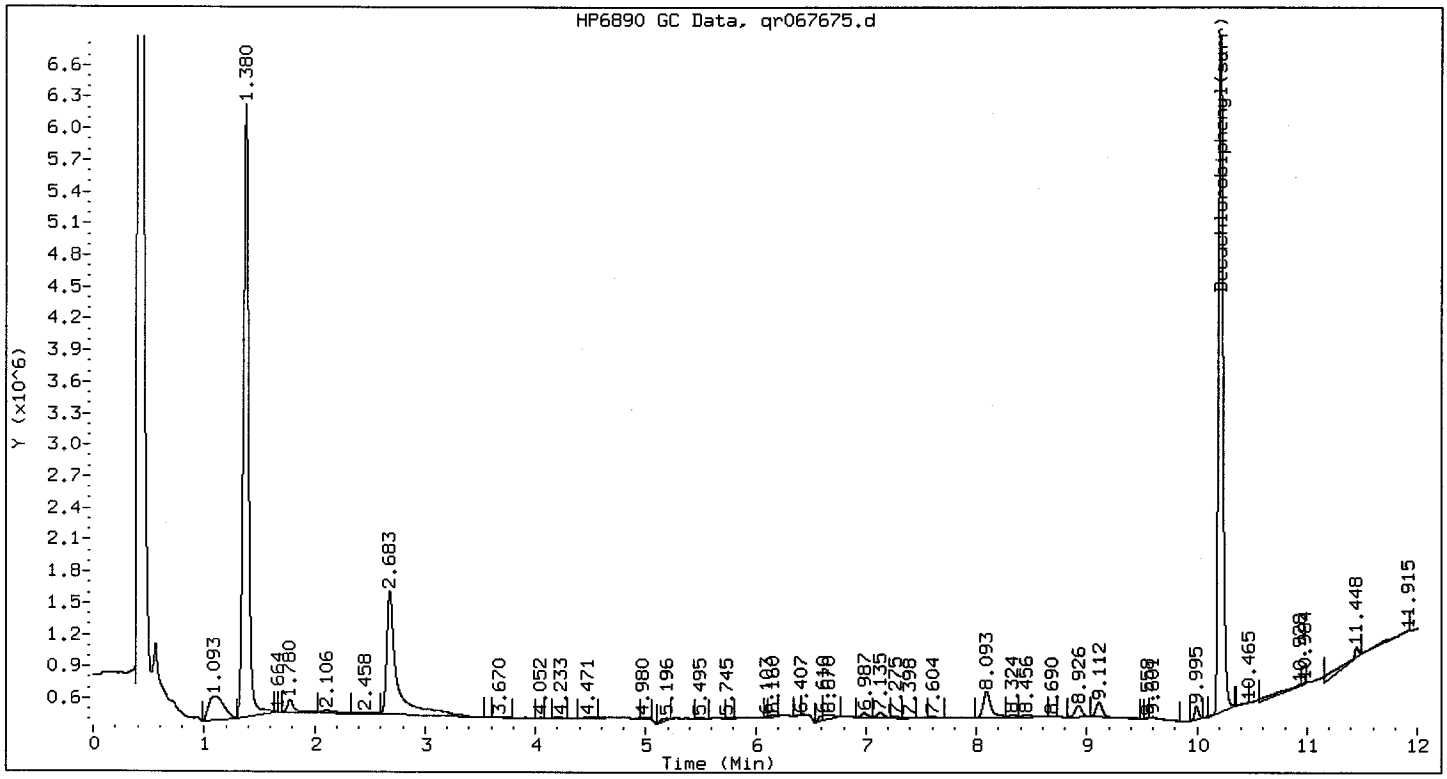
Method : /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07d.b/06Qf8082.m
Sample Info : 884985;4045100
Lab ID : 884985
Inj Date : 18-DEC-2007 13:47
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	------	7.136	------	------	------	------ (*)
(2)	7.567	7.578	0.011	4419566	134.854	214.564
(3)	8.640	8.657	0.017	8871389	178.638	284.230
(4)	------	9.323	------	------	------	------ (*)
(5)	10.202	10.213	0.011	3895740	107.767	171.468
(6)	10.253	10.261	0.008	4259991	147.721	235.038
(7)	------	10.709	------	------	------	------ (*)
(8)	------	10.957	------	------	------	------ (*)
Average of peak concentrations:						230.00
Decachlorobiphenyl(surr)	11.132	11.135	0.003	21202786	72.434	115.249

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.

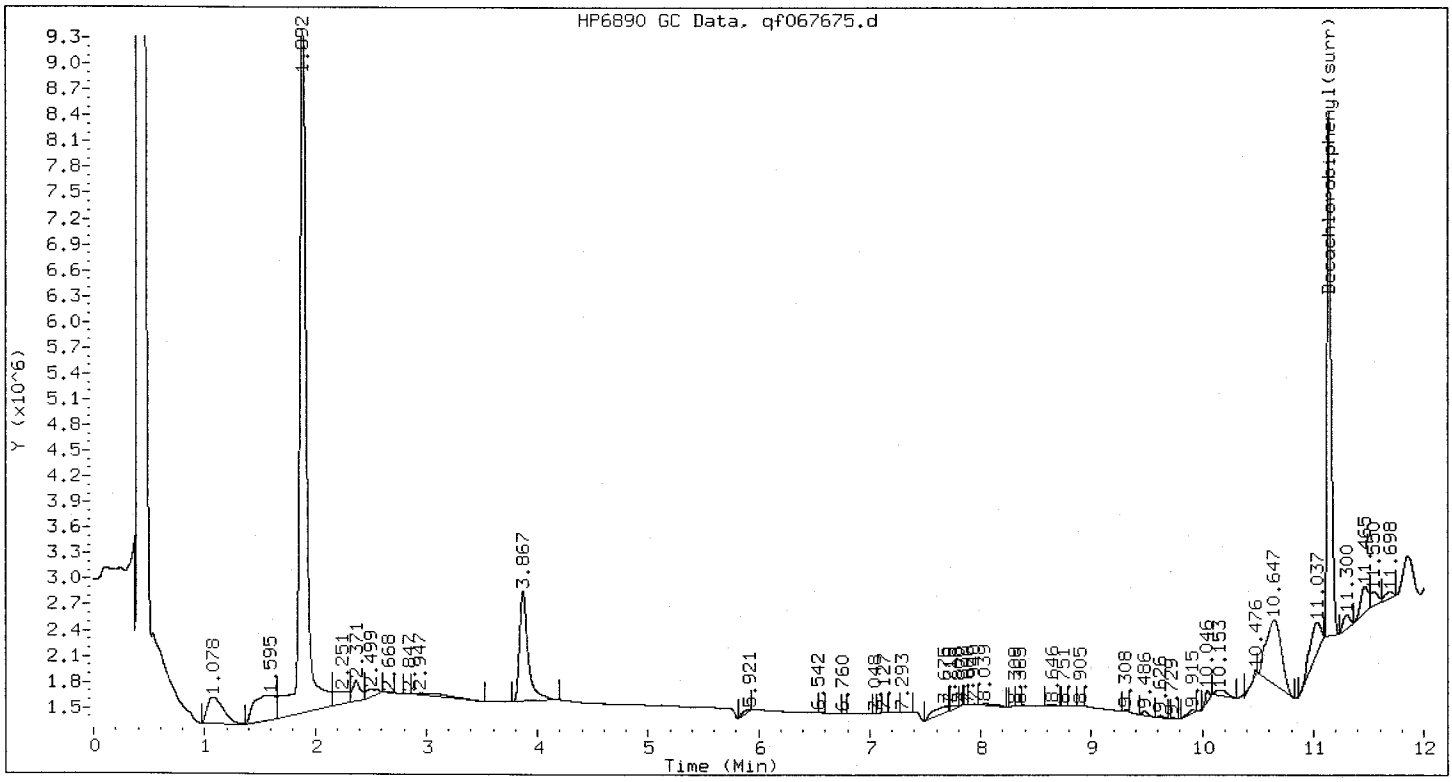


Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Qr8082.m
Sample Info : sp351y;mb77625
Lab ID : SP351Y
Inj Date : 18-DEC-2007 15:23
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

1/9/8

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.210	10.209	0.001	18524670	60.445	40.296

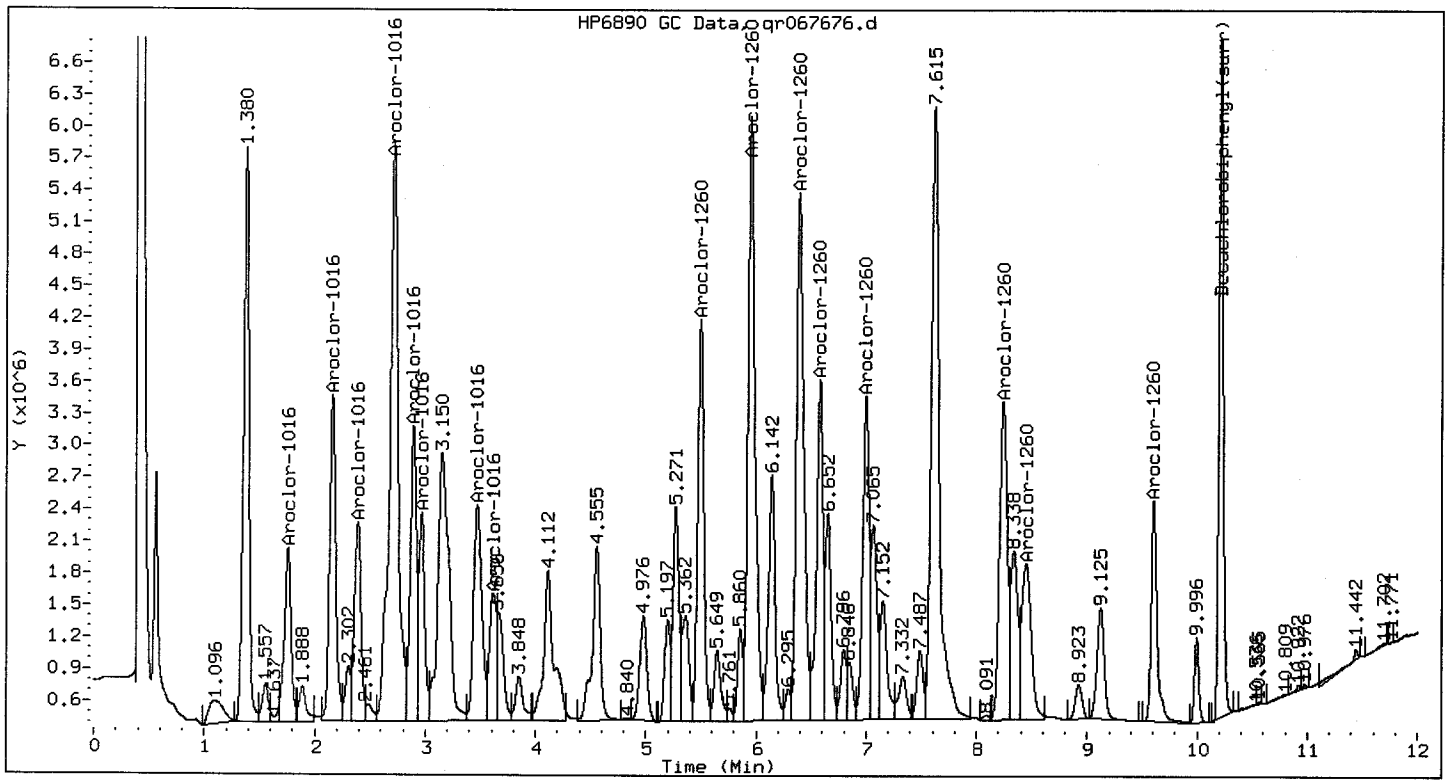


Method : /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07d.b/06Qf8082.m
Sample Info : sp351y;mb77625
Lab ID : SP351Y
Inj Date : 18-DEC-2007 15:23
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

1/9/8

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	11.138	11.135	0.003	15236783	52.053	34.702



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Qr8082.m
Sample Info : sp351y;mb77625
Lab ID : sp351yBS
Inj Date : 18-DEC-2007 15:39
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	1.758	1.757	0.001	6869708	664.250	442.833
(2)		2.158	2.159	0.001	12009329	632.035	421.357
(3)		2.387	2.389	0.002	8115549	639.379	426.252
(4)		2.715	2.717	0.003	29595361	729.849	486.566
(5)		2.891	2.892	0.001	10523288	665.595	443.730
(6)		2.966	2.967	0.002	7229217	611.839	407.892
(7)		3.468	3.469	0.001	10627271	641.992	427.995
(8)		3.616	3.617	0.001	5652603	706.478	470.986
Average of peak concentrations:							440.00
Aroclor-1260		5.496	5.497	0.001	14506806	639.985	426.657
(2)		5.948	5.949	0.001	25431782	628.637	419.092
(3)		6.386	6.387	0.001	23440463	622.067	414.711
(4)		6.577	6.577	0.001	12723718	640.632	427.088
(5)		6.996	6.997	0.002	12377119	643.942	429.295
(6)		8.240	8.241	0.001	14570090	626.014	417.343

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	8.448	8.449	0.001	8977461	640.877	427.251
(8)	9.606	9.607	0.001	7654082	673.816	449.210
Average of peak concentrations:						430.00
Decachlorobiphenyl(surr)	10.209	10.209	0.000	17078717	55.727	37.151

COMMENTS:

M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07e.b/qr067682.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07e.b/06Qr8082.m

Sample Information: SG1660L3_00003 E
Injection Date: 18-DEC-2007 17:14

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.760	1000	1146.78	14.68
Aroclor-1016	2	2.159	1000	1091.10	9.11
Aroclor-1016	3	2.389	1000	1111.89	11.19
Aroclor-1016	4	2.718	1000	1095.31	9.53
Aroclor-1016	5	2.892	1000	1144.46	14.45
Aroclor-1016	6	2.968	1000	1014.28	1.43
Aroclor-1016	7	3.469	1000	1084.65	8.47
Aroclor-1016	8	3.617	1000	1107.31	10.73
Aroclor-1260	1	5.496	1000	1104.92	10.49
Aroclor-1260	2	5.948	1000	1087.04	8.70
Aroclor-1260	3	6.387	1000	1092.64	9.26
Aroclor-1260	4	6.577	1000	1070.75	7.07
Aroclor-1260	5	6.996	1000	1121.64	12.16
Aroclor-1260	6	8.239	1000	1097.44	9.74
Aroclor-1260	7	8.449	1000	1028.29	2.83
Aroclor-1260	8	9.606	1000	1035.55	3.55

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.380	100	108.68	8.68
Decachlorobiphenyl(sur	10.211	100	111.26	11.26

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07e.b/qr067682.d
Injection Date: 18-DEC-2007 17:14

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.760	
	2.155	(2.085 - 2.225)	2.159	
	2.384	(2.314 - 2.454)	2.389	
	2.713	(2.645 - 2.785)	2.718	
	2.888	(2.818 - 2.958)	2.892	
	2.963	(2.893 - 3.033)	2.968	
	3.465	(3.395 - 3.535)	3.469	
	3.613	(3.543 - 3.683)	3.617	
Aroclor-1260	5.495	(5.425 - 5.565)	5.496	
	5.948	(5.878 - 6.018)	5.948	
	6.387	(6.317 - 6.457)	6.387	
	6.578	(6.508 - 6.648)	6.577	
	6.998	(6.928 - 7.068)	6.996	
	8.243	(8.173 - 8.313)	8.239	
	8.453	(8.383 - 8.523)	8.449	
	9.609	(9.539 - 9.679)	9.606	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.380	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.211	

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07e.b/qf067682.d
Method: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07e.b/06Qf8082.m

Sample Information: SG1660L3_00003 E
Injection Date: 18-DEC-2007 17:14

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.533	1000	1064.80	6.48
Aroclor-1016	2	3.097	1000	1018.58	1.86
Aroclor-1016	3	3.471	1000	1011.39	1.14
Aroclor-1016	4	3.874	1000	1002.10	0.21
Aroclor-1016	5	4.119	1000	1031.41	3.14
Aroclor-1016	6	4.557	1000	1027.56	2.76
Aroclor-1016	7	4.944	1000	1091.30	9.13
Aroclor-1016	8	5.154	1000	1085.46	8.55
Aroclor-1260	1	7.127	1000	999.63	0.04
Aroclor-1260	2	7.569	1000	982.08	1.79
Aroclor-1260	3	8.389	1000	1027.06	2.71
Aroclor-1260	4	8.644	1000	1004.21	0.42
Aroclor-1260	5	8.789	1000	935.61	6.44
Aroclor-1260	6	9.313	1000	1073.90	7.39
Aroclor-1260	7	10.207	1000	1098.19	9.82
Aroclor-1260	8	10.702	1000	983.29	1.67

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.891	100	99.32	0.68
Decachlorobiphenyl(sur	11.141	100	99.31	0.69

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-17-07/17dec07e.b/qf067682.d
Injection Date: 18-DEC-2007 17:14

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.517	(2.447 - 2.587)	2.533	
	3.082	(3.012 - 3.152)	3.097	
	3.454	(3.384 - 3.524)	3.471	
	3.859	(3.789 - 3.929)	3.874	
	4.104	(4.034 - 4.174)	4.119	
	4.544	(4.474 - 4.614)	4.557	
	4.933	(4.863 - 5.003)	4.944	
	5.144	(5.074 - 5.214)	5.154	
Aroclor-1260	7.124	(7.054 - 7.194)	7.127	
	7.565	(7.495 - 7.635)	7.569	
	8.387	(8.317 - 8.457)	8.389	
	8.642	(8.572 - 8.712)	8.644	
	8.789	(8.719 - 8.859)	8.789	
	9.312	(9.242 - 9.382)	9.313	
	10.211	(10.141 - 10.281)	10.207	
	10.709	(10.639 - 10.779)	10.702	
Tetrachloro-m-xylene(surr)	1.876	(1.826 - 1.926)	1.891	
Decachlorobiphenyl(surr)	11.154	(11.054 - 11.254)	11.141	

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/qr067710.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m

Sample Information: SG1660L3_00003 G
Injection Date: 19-DEC-2007 04:38

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.759	1000	1125.13	12.51
Aroclor-1016	2	2.159	1000	1067.14	6.71
Aroclor-1016	3	2.388	1000	1092.35	9.24
Aroclor-1016	4	2.717	1000	1084.08	8.41
Aroclor-1016	5	2.892	1000	1082.51	8.25
Aroclor-1016	6	2.967	1000	1088.01	8.80
Aroclor-1016	7	3.469	1000	1081.92	8.19
Aroclor-1016	8	3.616	1000	1131.52	13.15
Aroclor-1260	1	5.497	1000	1118.29	11.83
Aroclor-1260	2	5.948	1000	1100.08	10.01
Aroclor-1260	3	6.388	1000	1111.40	11.14
Aroclor-1260	4	6.578	1000	1120.69	12.07
Aroclor-1260	5	6.997	1000	1149.25	14.93
Aroclor-1260	6	8.240	1000	1131.44	13.14
Aroclor-1260	7	8.449	1000	1131.27	13.13
Aroclor-1260	8	9.606	1000	1097.01	9.70

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.380	100	104.34	4.34
Decachlorobiphenyl(sur	10.207	100	101.94	1.94

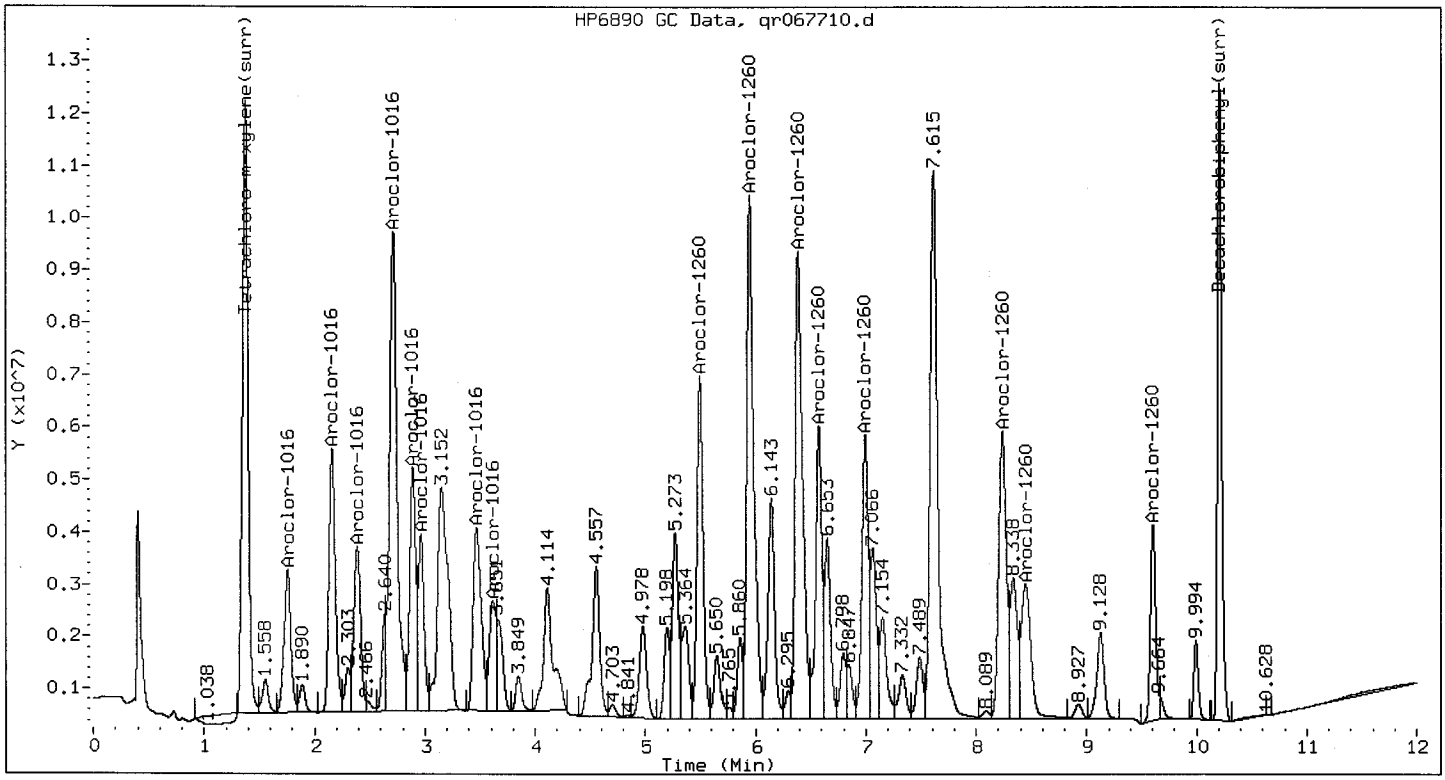
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/qr067710.d
Injection Date: 19-DEC-2007 04:38

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.759	
	2.155	(2.085 - 2.225)	2.159	
	2.384	(2.314 - 2.454)	2.388	
	2.713	(2.645 - 2.785)	2.717	
	2.888	(2.818 - 2.958)	2.892	
	2.963	(2.893 - 3.033)	2.967	
	3.465	(3.395 - 3.535)	3.469	
	3.613	(3.543 - 3.683)	3.616	
Aroclor-1260	5.495	(5.425 - 5.565)	5.497	
	5.948	(5.878 - 6.018)	5.948	
	6.387	(6.317 - 6.457)	6.388	
	6.578	(6.508 - 6.648)	6.578	
	6.998	(6.928 - 7.068)	6.997	
	8.243	(8.173 - 8.313)	8.240	
	8.453	(8.383 - 8.523)	8.449	
	9.609	(9.539 - 9.679)	9.606	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.380	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.207	



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m
Sample Info : SG1660L3_00003 G
Lab ID : SG1660L3_00003 G
Inj Date : 19-DEC-2007 04:38
Operator : 615
Cpnd Sublist: AR16600S

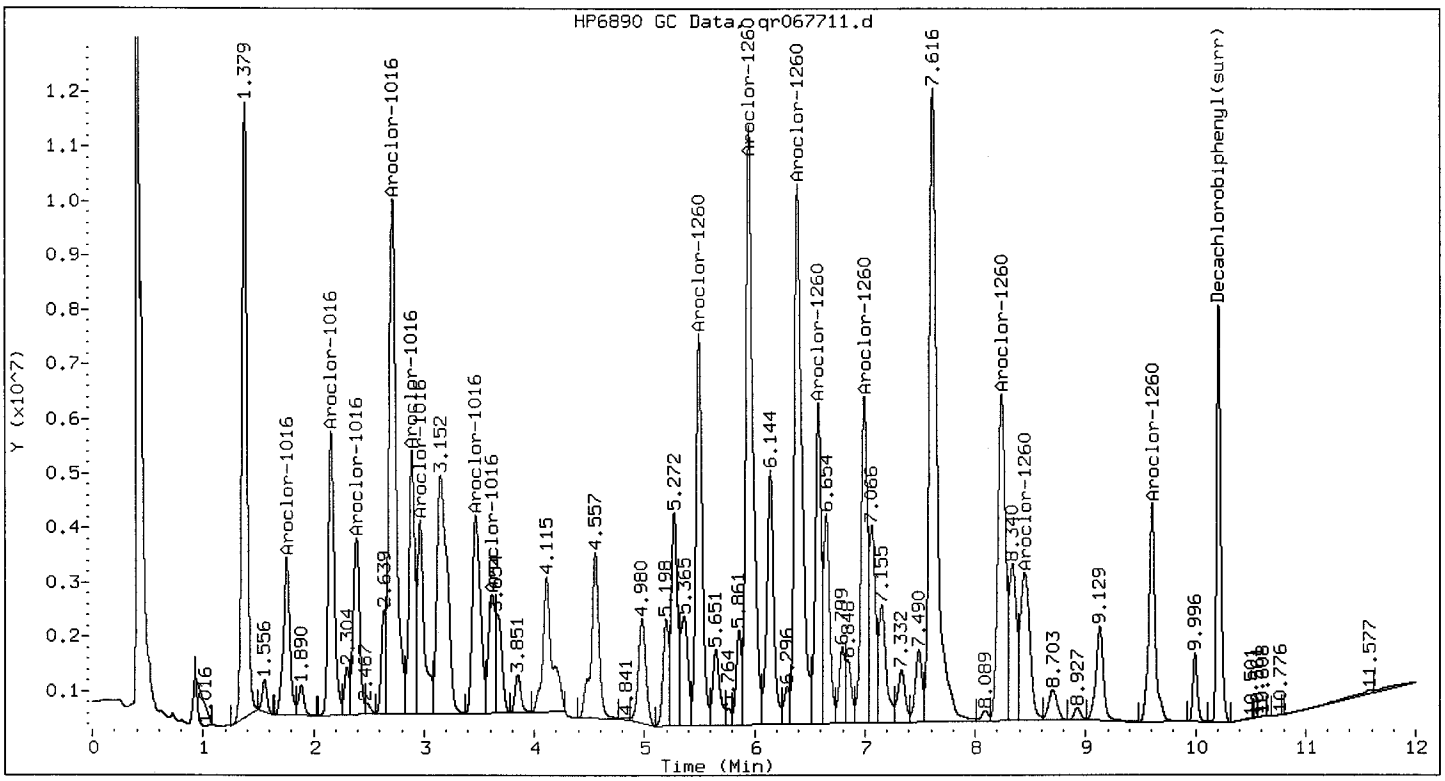
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	1.759	1.759	0.000	11636205	1125.135	1125.135
(2)		2.159	2.159	0.000	20276722	1067.137	1067.137
(3)		2.388	2.388	0.000	13865063	1092.351	1092.351
(4)		2.717	2.717	0.000	43959555	1084.084	1084.084
(5)		2.892	2.892	0.000	17114884	1082.512	1082.512
(6)		2.967	2.967	0.000	12855434	1088.009	1088.009
(7)		3.469	3.469	0.000	17909632	1081.918	1081.918
(8)		3.616	3.616	0.000	9053428	1131.523	1131.523
Average of peak concentrations:							1100.00
Aroclor-1260	(M)	5.497	5.497	0.000	25348856	1118.295	1118.295
(2)		5.948	5.948	0.000	44504141	1100.079	1100.079
(3)		6.388	6.388	0.000	41879237	1111.398	1111.398
(4)		6.578	6.578	0.000	22258349	1120.695	1120.695
(5)		6.997	6.997	0.000	22089597	1149.252	1149.252
(6)		8.240	8.240	0.000	26333570	1131.440	1131.440

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)		8.449	8.449	0.000	15846877	1131.266	1131.266
(8)		9.606	9.606	0.000	12461265	1097.009	1097.009
Average of peak concentrations:							1100.00
Tetrachloro-m-xylene(surr)	(M)	1.380	1.380	0.000	41719251	104.338	104.338
Decachlorobiphenyl(surr)		10.207	10.207	0.000	31242998	101.943	101.943

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m
Sample Info : 6362bs;bs62087
Lab ID : 6362BS
Inj Date : 19-DEC-2007 04:55
Operator : 615
Cpnd Sublist: PCB8082+

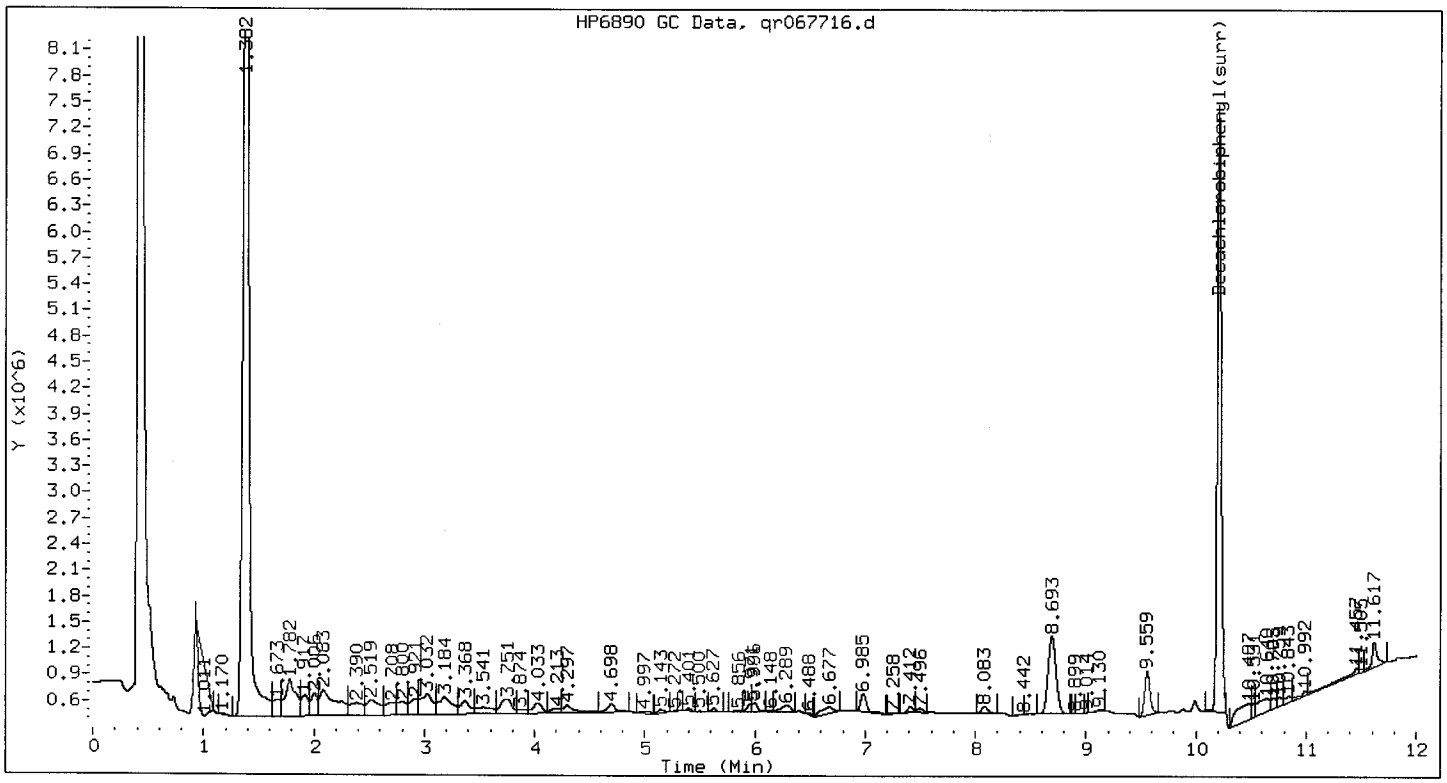
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: BS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
Aroclor-1016	(M)	1.759	1.759	0.000	11713908	1132.648	5.663
(2)		2.160	2.159	0.001	19765641	1040.239	5.201
(3)		2.390	2.388	0.001	13692197	1078.732	5.394
(4)		2.718	2.717	0.001	43764414	1079.272	5.396
(5)		2.892	2.892	0.000	17980067	1137.235	5.686
(6)		2.966	2.967	0.000	15059871	1274.579	6.373
(7)		3.470	3.469	0.001	18497377	1117.424	5.587
(8)		3.616	3.616	0.000	9559297	1194.748	5.974
Average of peak concentrations:							5.60
Aroclor-1260		5.497	5.497	0.001	28540284	1259.089	6.295
(2)		5.949	5.948	0.000	49804050	1231.085	6.155
(3)		6.388	6.388	0.000	47831615	1269.363	6.347
(4)		6.579	6.578	0.001	22362436	1125.936	5.630
(5)		6.997	6.997	0.001	24722981	1286.258	6.431
(6)		8.241	8.240	0.001	29264311	1257.361	6.287

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
(7)	8.449	8.449	0.000	16465451	1175.425	5.877
(8)	9.606	9.606	0.000	16310833	1435.900	7.179
Average of peak concentrations:						6.30
Decachlorobiphenyl(surr)	10.207	10.207	0.001	19965331	65.145	0.326

COMMENTS:

M - Compound response manually integrated.



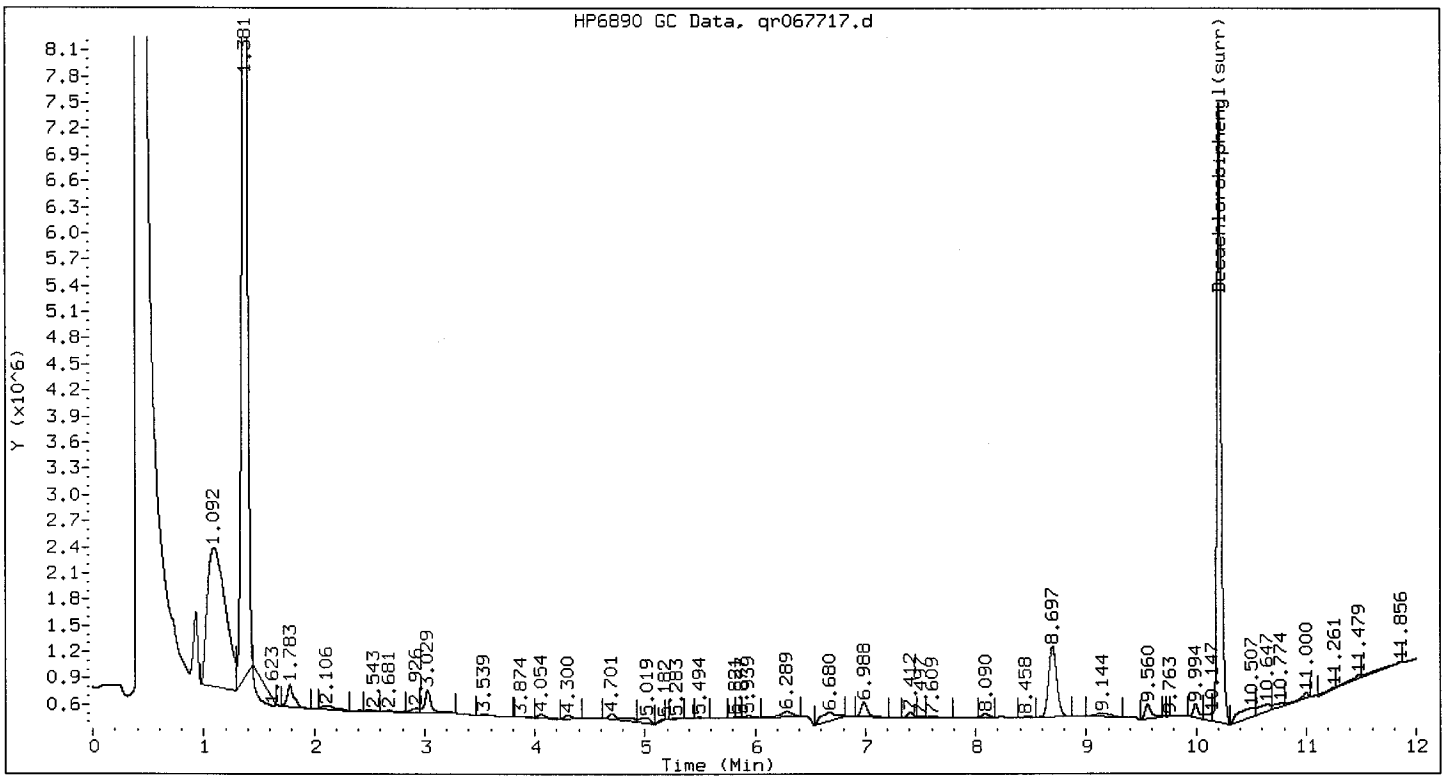
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m
Sample Info : 884942;4045016
Lab ID : 884942
Inj Date : 19-DEC-2007 06:11
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
Decachlorobiphenyl(surr)	(M)	10.206	10.207	0.001	17101632	55.801	0.279

COMMENTS:

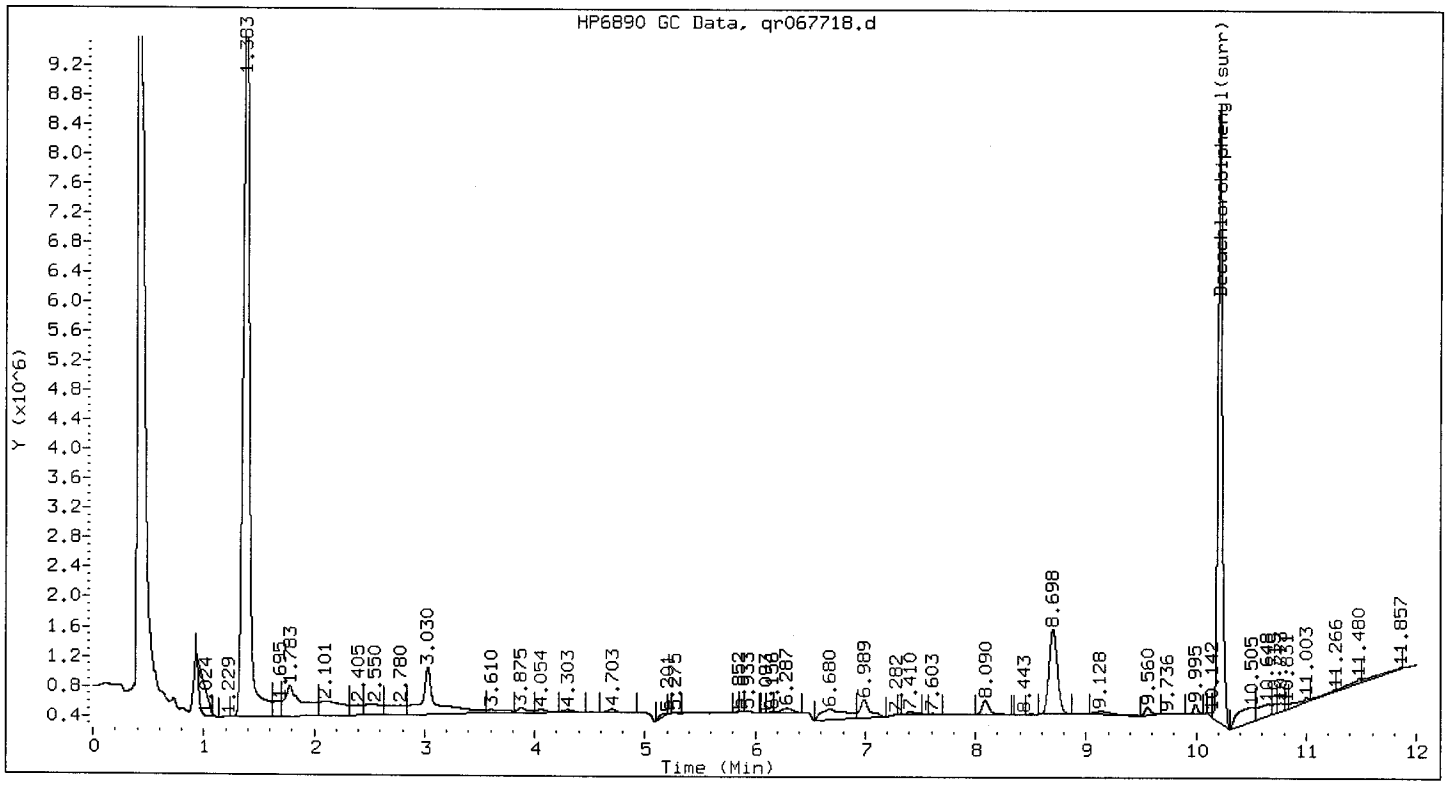
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m
Sample Info : 884965;4045061
Lab ID : 884965
Inj Date : 19-DEC-2007 06:26
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: SAMPLE

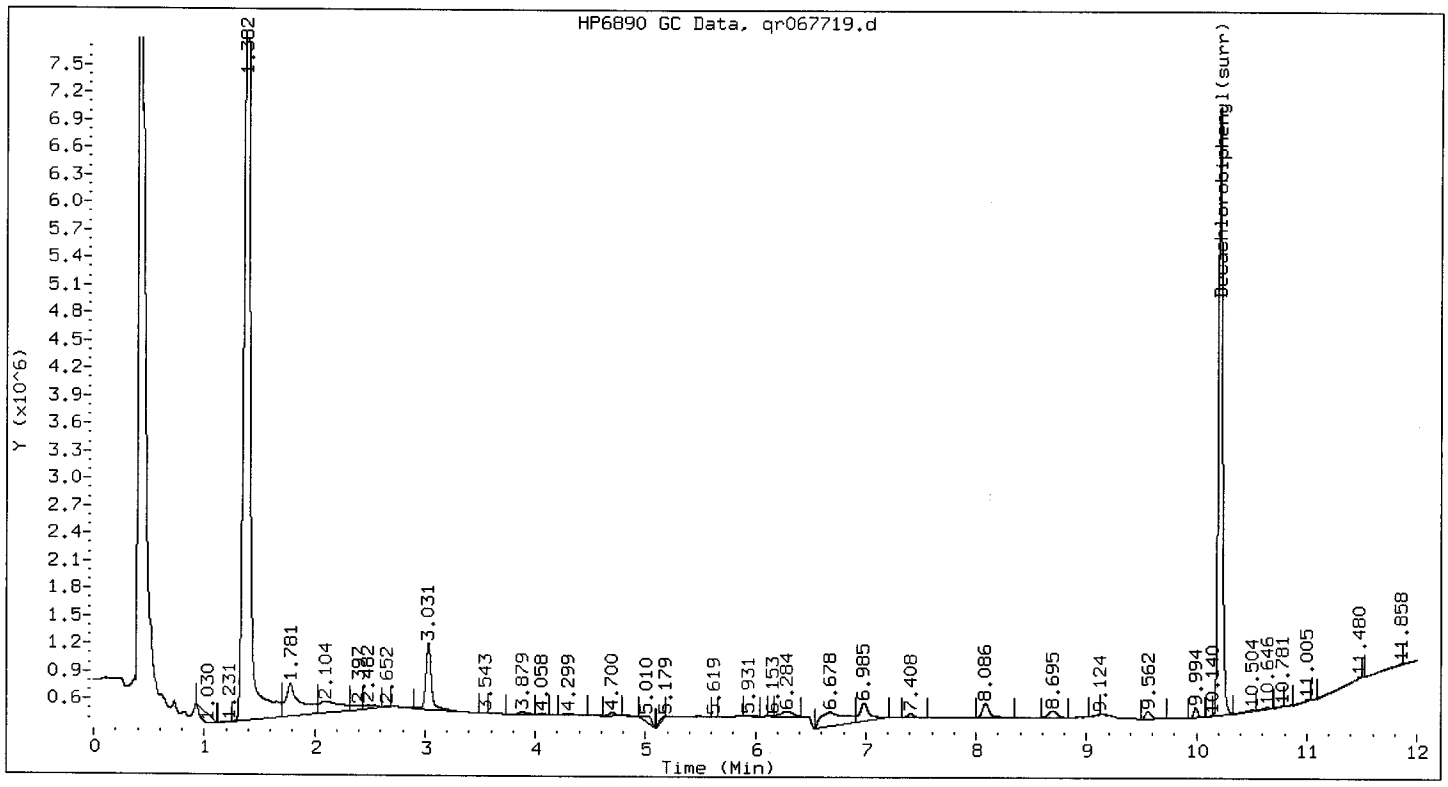
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
Decachlorobiphenyl(surr)	10.209	10.207	0.003	18430511	60.137	0.301



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m
Sample Info : 884979;4045114
Lab ID : 884979
Inj Date : 19-DEC-2007 06:41
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
Decachlorobiphenyl(surr)	10.210	10.207	0.004	22030434	71.884	0.359



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m
Sample Info : 884990;4045110
Lab ID : 884990
Inj Date : 19-DEC-2007 06:56
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: SAMPLE

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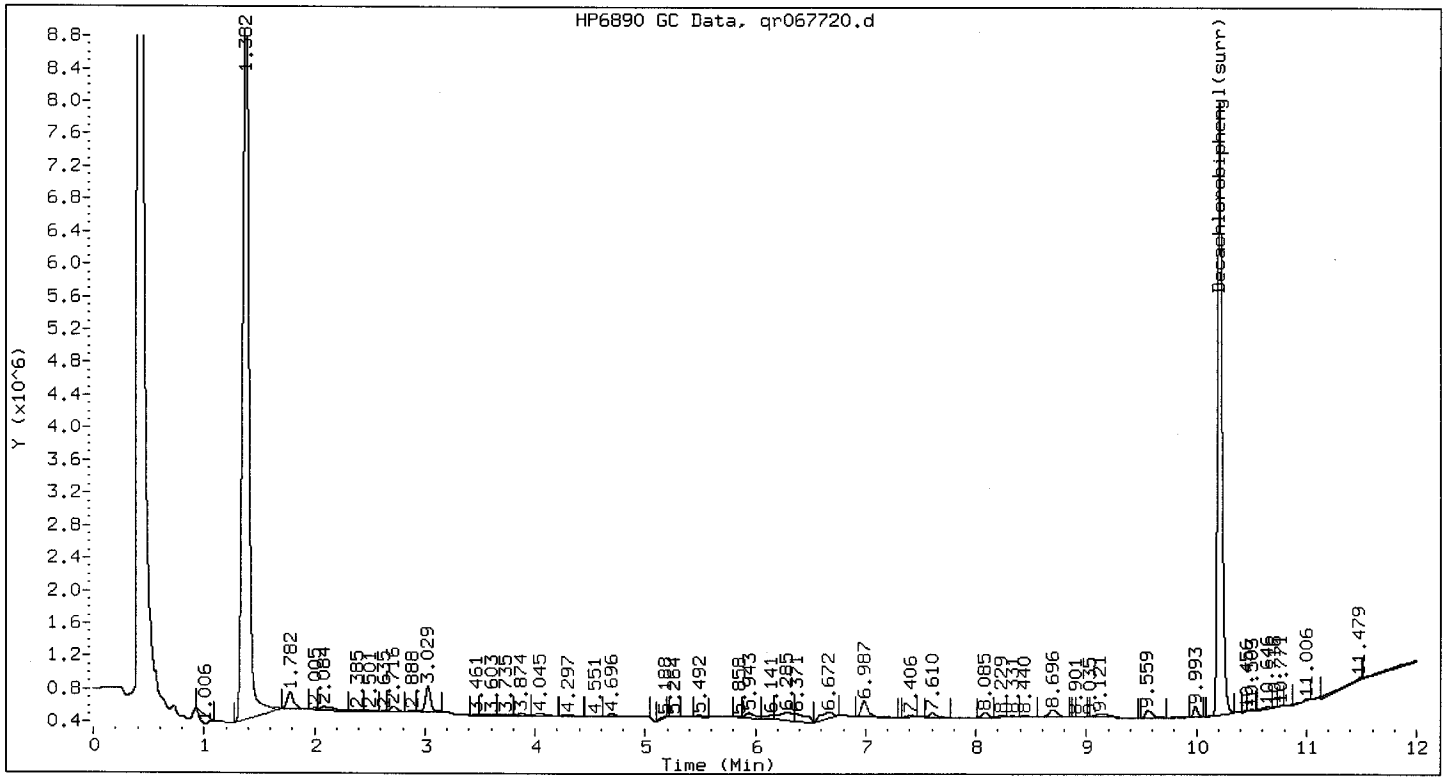
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
Decachlorobiphenyl(surr)	10.209	10.207	0.002	16429199	53.607	0.268

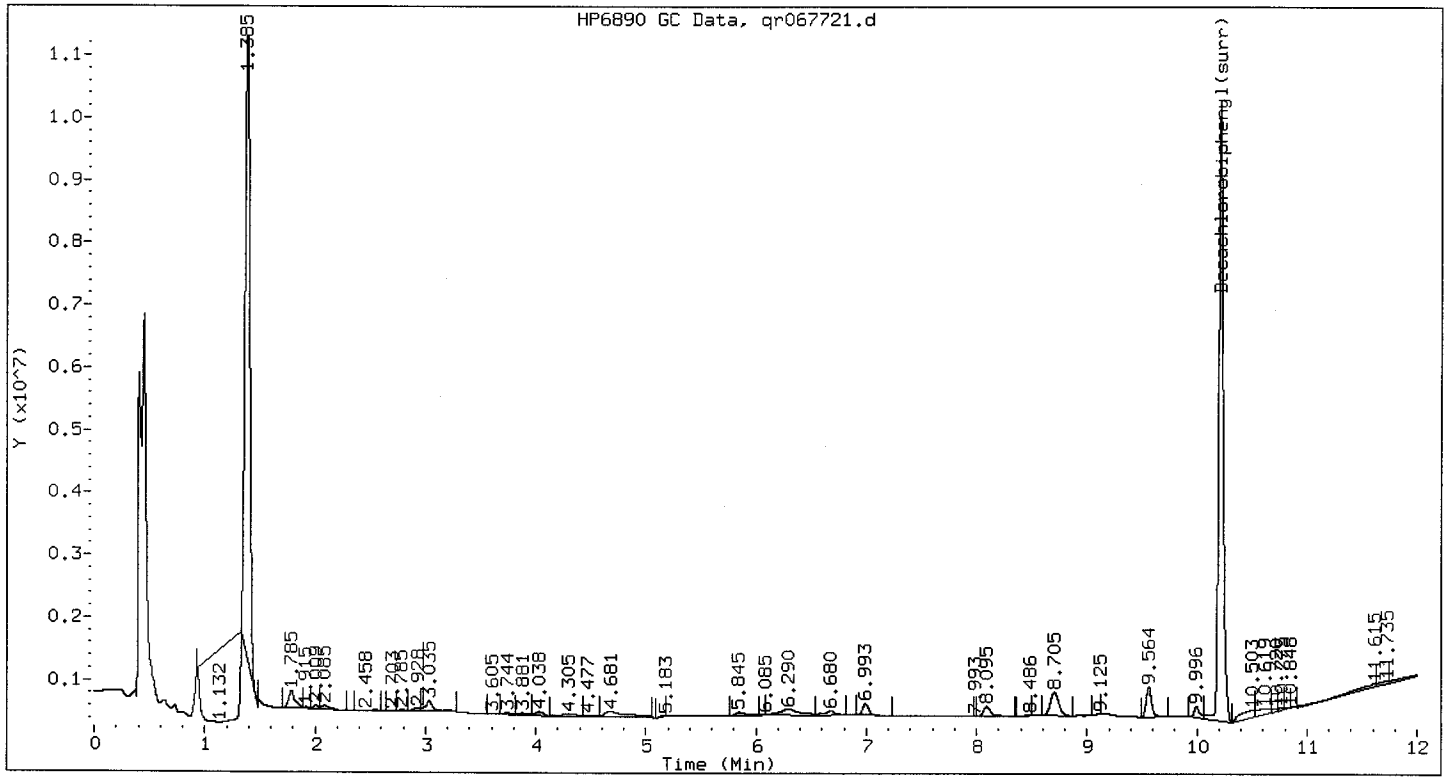


Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m
Sample Info : 884991;4045111
Lab ID : 884991
Inj Date : 19-DEC-2007 07:11
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: SAMPLE

12/20/07

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
Decachlorobiphenyl(surr)	10.208	10.207	0.001	20154870	65.764	0.329



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Qr8082.m
Sample Info : wp348a;mb77558
Lab ID : WP348A
Inj Date : 19-DEC-2007 07:44
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : WATER
Sample Type: BLANK

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
Decachlorobiphenyl(surr)	10.212	10.207	0.005	26753074	87.293	0.436

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07h.b/qr067723.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07h.b/06Qr8082.m

Sample Information: SG1660L3_00003 H
Injection Date: 19-DEC-2007 08:14

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.763	1000	1134.20	13.42
Aroclor-1016	2	2.162	1000	1073.27	7.33
Aroclor-1016	3	2.391	1000	1098.80	9.88
Aroclor-1016	4	2.719	1000	1071.99	7.20
Aroclor-1016	5	2.893	1000	1149.03	14.90
Aroclor-1016	6	2.969	1000	1017.88	1.79
Aroclor-1016	7	3.469	1000	1101.78	10.18
Aroclor-1016	8	3.616	1000	1072.10	7.21
Aroclor-1260	1	5.494	1000	1095.19	9.52
Aroclor-1260	2	5.945	1000	1084.21	8.42
Aroclor-1260	3	6.384	1000	1093.08	9.31
Aroclor-1260	4	6.574	1000	1068.03	6.80
Aroclor-1260	5	6.992	1000	1132.21	13.22
Aroclor-1260	6	8.232	1000	1146.09	14.61
Aroclor-1260	7	8.441	1000	1111.22	11.12
Aroclor-1260	8	9.601	1000	1133.20	13.32

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.384	100	108.13	8.13
Decachlorobiphenyl(sur	10.208	100	115.45	15.45<-

12/20/7

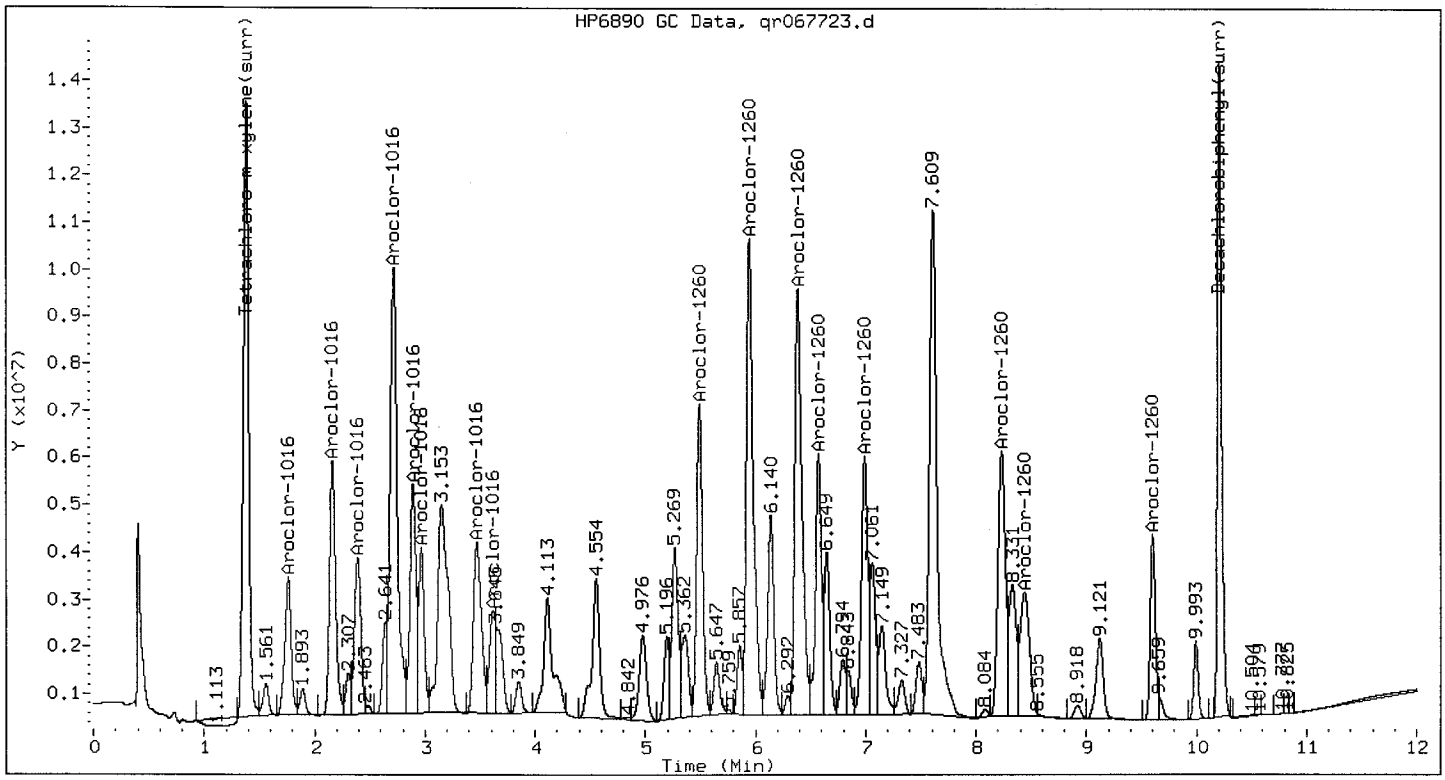
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07h.b/qr067723.d
Injection Date: 19-DEC-2007 08:14

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.763	
	2.155	(2.085 - 2.225)	2.162	
	2.384	(2.314 - 2.454)	2.391	
	2.713	(2.645 - 2.785)	2.719	
	2.888	(2.818 - 2.958)	2.893	
	2.963	(2.893 - 3.033)	2.969	
	3.465	(3.395 - 3.535)	3.469	
	3.613	(3.543 - 3.683)	3.616	
Aroclor-1260	5.495	(5.425 - 5.565)	5.494	
	5.948	(5.878 - 6.018)	5.945	
	6.387	(6.317 - 6.457)	6.384	
	6.578	(6.508 - 6.648)	6.574	
	6.998	(6.928 - 7.068)	6.992	
	8.243	(8.173 - 8.313)	8.232	
	8.453	(8.383 - 8.523)	8.441	
	9.609	(9.539 - 9.679)	9.601	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.384	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.208	



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07h.b/06Qr8082.m
Sample Info : SG1660L3_00003 H
Lab ID : SG1660L3_00003 H
Inj Date : 19-DEC-2007 08:14
Operator : 615
Cpnd Sublist: AR16600S

12/20/17

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	1.763	1.763	0.000	11729916	1134.196	1134.196
(2)		2.162	2.162	0.000	20393303	1073.273	1073.273
(3)		2.391	2.391	0.000	13946878	1098.797	1098.797
(4)		2.719	2.719	0.000	43469289	1071.993	1071.993
(5)		2.893	2.893	0.000	18166621	1149.034	1149.034
(6)		2.969	2.969	0.000	12026768	1017.875	1017.875
(7)		3.469	3.469	0.000	18238336	1101.775	1101.775
(8)		3.616	3.616	0.000	8578007	1072.104	1072.104
Average of peak concentrations:							1100.00
Aroclor-1260	(M)	5.494	5.494	0.000	24825021	1095.185	1095.185
(2)		5.945	5.945	0.000	43862137	1084.209	1084.209
(3)		6.384	6.384	0.000	41189017	1093.081	1093.081
(4)		6.574	6.574	0.000	21212312	1068.028	1068.028
(5)		6.992	6.992	0.000	21762076	1132.212	1132.212
(6)		8.232	8.232	0.000	26674566	1146.091	1146.091

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)		8.441	8.441	0.000	15566015	1111.216	1111.216
(8)		9.601	9.601	0.000	12872354	1133.198	1133.198
Average of peak concentrations:							1100.00
Tetrachloro-m-xylene(surr)	(M)	1.384	1.384	0.000	43236185	108.131	108.131
Decachlorobiphenyl(surr)	(M)	10.208	10.208	0.000	35381610	115.447	115.447

COMMENTS:

M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/qr067757.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/06Qr8082.m

Sample Information: SG1660L3_00003 B
Injection Date: 20-DEC-2007 03:01

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.761	1000	1108.01	10.80
Aroclor-1016	2	2.160	1000	1082.26	8.23
Aroclor-1016	3	2.388	1000	1131.34	13.13
Aroclor-1016	4	2.716	1000	1103.18	10.32
Aroclor-1016	5	2.891	1000	1131.66	13.17
Aroclor-1016	6	2.965	1000	1060.30	6.03
Aroclor-1016	7	3.468	1000	1095.99	9.60
Aroclor-1016	8	3.615	1000	1059.67	5.97
Aroclor-1260	1	5.495	1000	1117.43	11.74
Aroclor-1260	2	5.947	1000	1096.71	9.67
Aroclor-1260	3	6.386	1000	1097.93	9.79
Aroclor-1260	4	6.576	1000	1086.89	8.69
Aroclor-1260	5	6.995	1000	1135.31	13.53
Aroclor-1260	6	8.237	1000	1069.61	6.96
Aroclor-1260	7	8.445	1000	1001.99	0.20
Aroclor-1260	8	9.604	1000	1086.41	8.64

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.383	100	107.09	7.09
Decachlorobiphenyl(sur	10.208	100	104.13	4.13

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/qr067757.d
Injection Date: 20-DEC-2007 03:01

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.761	
	2.155	(2.085 - 2.225)	2.160	
	2.384	(2.314 - 2.454)	2.388	
	2.713	(2.645 - 2.785)	2.716	
	2.888	(2.818 - 2.958)	2.891	
	2.963	(2.893 - 3.033)	2.965	
	3.465	(3.395 - 3.535)	3.468	
	3.613	(3.543 - 3.683)	3.615	
Aroclor-1260	5.495	(5.425 - 5.565)	5.495	
	5.948	(5.878 - 6.018)	5.947	
	6.387	(6.317 - 6.457)	6.386	
	6.578	(6.508 - 6.648)	6.576	
	6.998	(6.928 - 7.068)	6.995	
	8.243	(8.173 - 8.313)	8.237	
	8.453	(8.383 - 8.523)	8.445	
	9.609	(9.539 - 9.679)	9.604	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.383	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.208	

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b/qf067757.d
Method: /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b/06Qf8082.m

Sample Information: SG1660L3_00003 B
Injection Date: 20-DEC-2007 03:01

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.534	1000	1068.04	6.80
Aroclor-1016	2	3.097	1000	1059.45	5.94
Aroclor-1016	3	3.472	1000	1066.26	6.63
Aroclor-1016	4	3.875	1000	1010.32	1.03
Aroclor-1016	5	4.120	1000	1014.30	1.43
Aroclor-1016	6	4.558	1000	870.06	12.99
Aroclor-1016	7	4.944	1000	964.86	3.51
Aroclor-1016	8	5.156	1000	1062.31	6.23
Aroclor-1260	1	7.129	1000	957.27	4.27
Aroclor-1260	2	7.570	1000	951.21	4.88
Aroclor-1260	3	8.390	1000	970.92	2.91
Aroclor-1260	4	8.648	1000	994.14	0.59
Aroclor-1260	5	8.792	1000	913.19	8.68
Aroclor-1260	6	9.313	1000	1000.65	0.06
Aroclor-1260	7	10.208	1000	925.90	7.41
Aroclor-1260	8	10.699	1000	866.36	13.36

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.894	100	116.61	16.61<-
Decachlorobiphenyl(sur	11.137	100	91.86	8.14

12/20/7

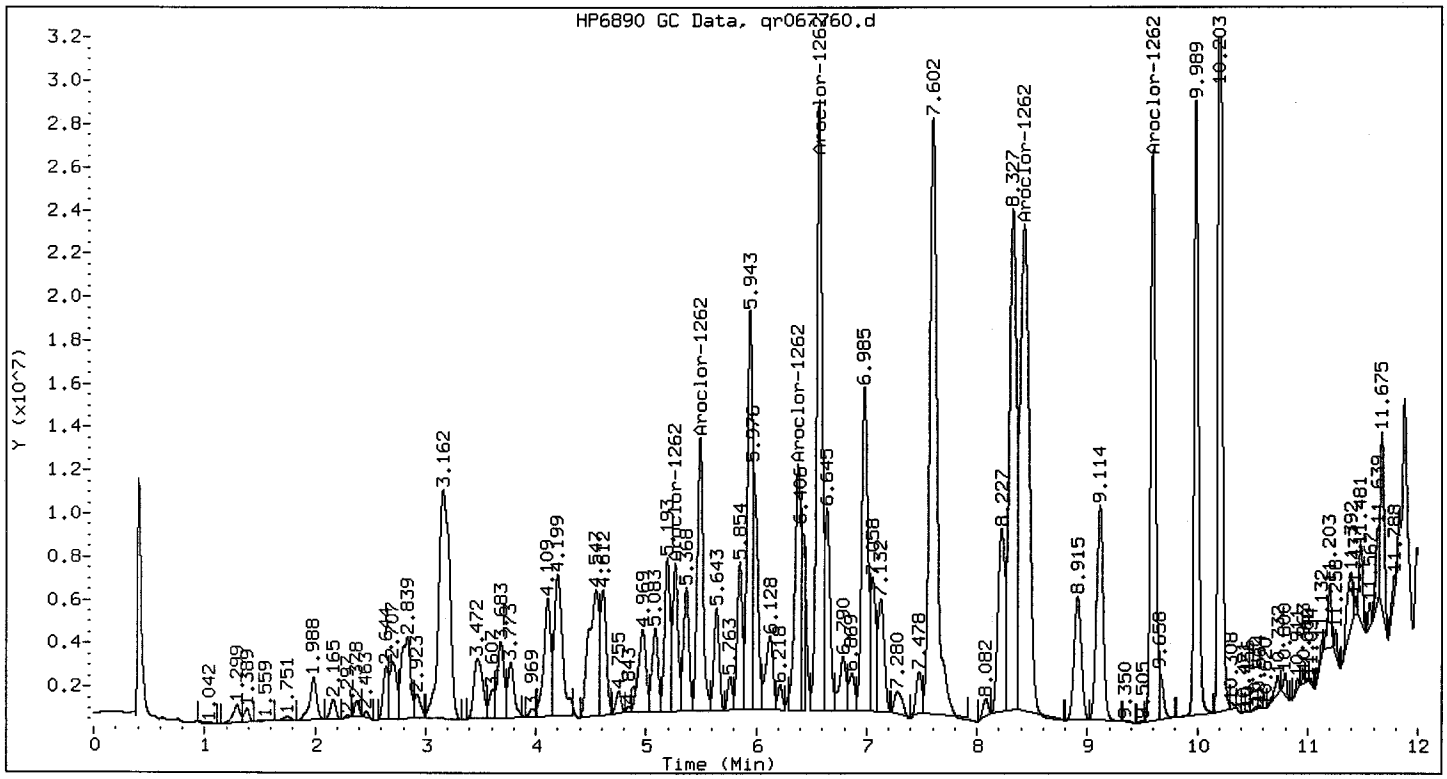
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b/qf067757.d
Injection Date: 20-DEC-2007 03:01

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.517	(2.447 - 2.587)	2.534	
	3.082	(3.012 - 3.152)	3.097	
	3.454	(3.384 - 3.524)	3.472	
	3.859	(3.789 - 3.929)	3.875	
	4.104	(4.034 - 4.174)	4.120	
	4.544	(4.474 - 4.614)	4.558	
	4.933	(4.863 - 5.003)	4.944	
	5.144	(5.074 - 5.214)	5.156	
Aroclor-1260	7.124	(7.054 - 7.194)	7.129	
	7.565	(7.495 - 7.635)	7.570	
	8.387	(8.317 - 8.457)	8.390	
	8.642	(8.572 - 8.712)	8.648	
	8.789	(8.719 - 8.859)	8.792	
	9.312	(9.242 - 9.382)	9.313	
	10.211	(10.141 - 10.281)	10.208	
	10.709	(10.639 - 10.779)	10.699	
Tetrachloro-m-xylene(surr)	1.876	(1.826 - 1.926)	1.894	
Decachlorobiphenyl(surr)	11.154	(11.054 - 11.254)	11.137	



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/06Qr8082.m
Sample Info : 884978;4045086
Lab ID : 884978
Inj Date : 20-DEC-2007 03:55
Operator : 615
Cpnd Sublist: PCB8082+

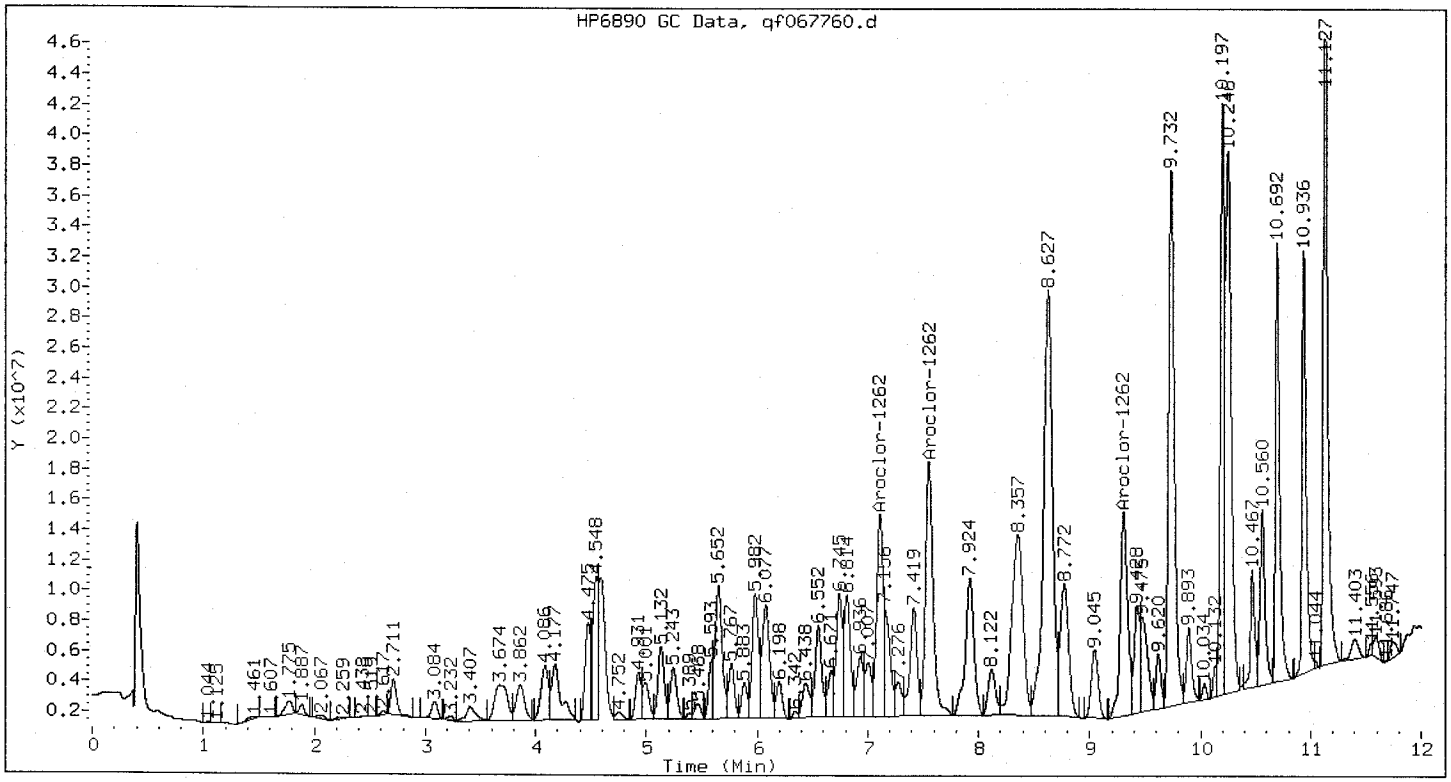
Inst ID : PESTGC8.i
Dil Factor : 10
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	(M)	5.267	5.277	0.010	24144367	1723.620	13408.167	
(2)		5.492	5.500	0.008	46193715	2418.217	18811.492	
(3)		6.378	6.392	0.013	40093129	1728.636	13447.188	
(4)		------	6.583	------	------	------	------	(*)
(5)		------	7.003	------	------	------	------	(*)
(6)		------	8.249	------	------	------	------	(*)
(7)		------	8.457	------	------	------	------	(*)
(8)		------	9.612	------	------	------	------	(*)

Average of peak concentrations: 15000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b/06Qf8082.m
Sample Info : 884978;4045086
Lab ID : 884978
Inj Date : 20-DEC-2007 03:55
Operator : 615
Cpnd Sublist: PCB8082+

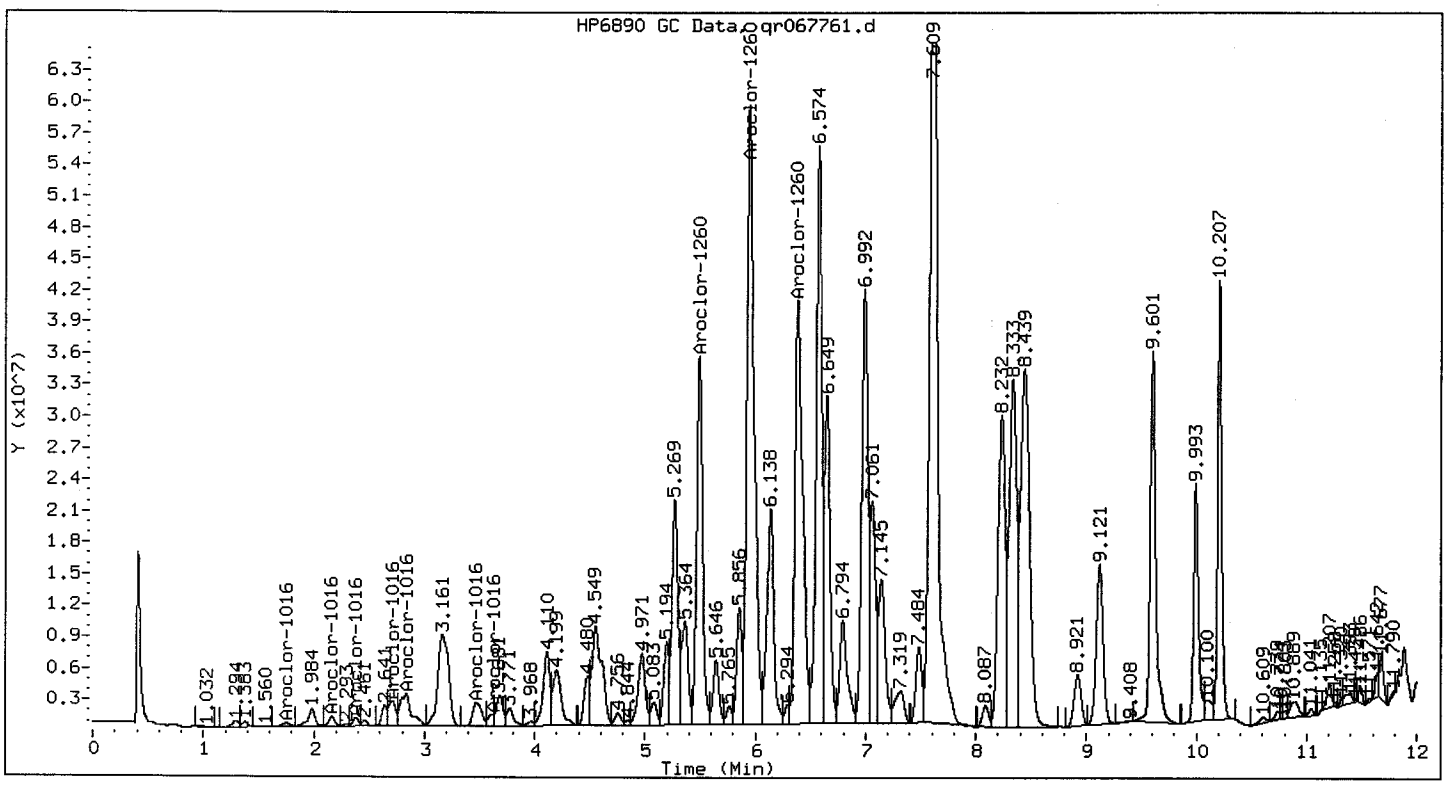
Inst ID : PESTGC8.i
Dil Factor : 10
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	(M)	7.112	7.136	0.024	55862568	2041.036	15877.371	
(2)		7.554	7.578	0.024	78965554	2409.468	18743.427	
(3)		------	8.657	------	------	------	------	(*)
(4)		9.304	9.323	0.018	62515471	1773.160	13793.545	
(5)		------	10.213	------	------	------	------	(*)
(6)		------	10.261	------	------	------	------	(*)
(7)		------	10.709	------	------	------	------	(*)
(8)		------	10.957	------	------	------	------	(*)

Average of peak concentrations: 16000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/06Qr8082.m
Sample Info : 884978ms;4052183
Lab ID : 884978MS
Inj Date : 20-DEC-2007 04:10
Operator : 615
Cpnd Sublist: PCB8082+

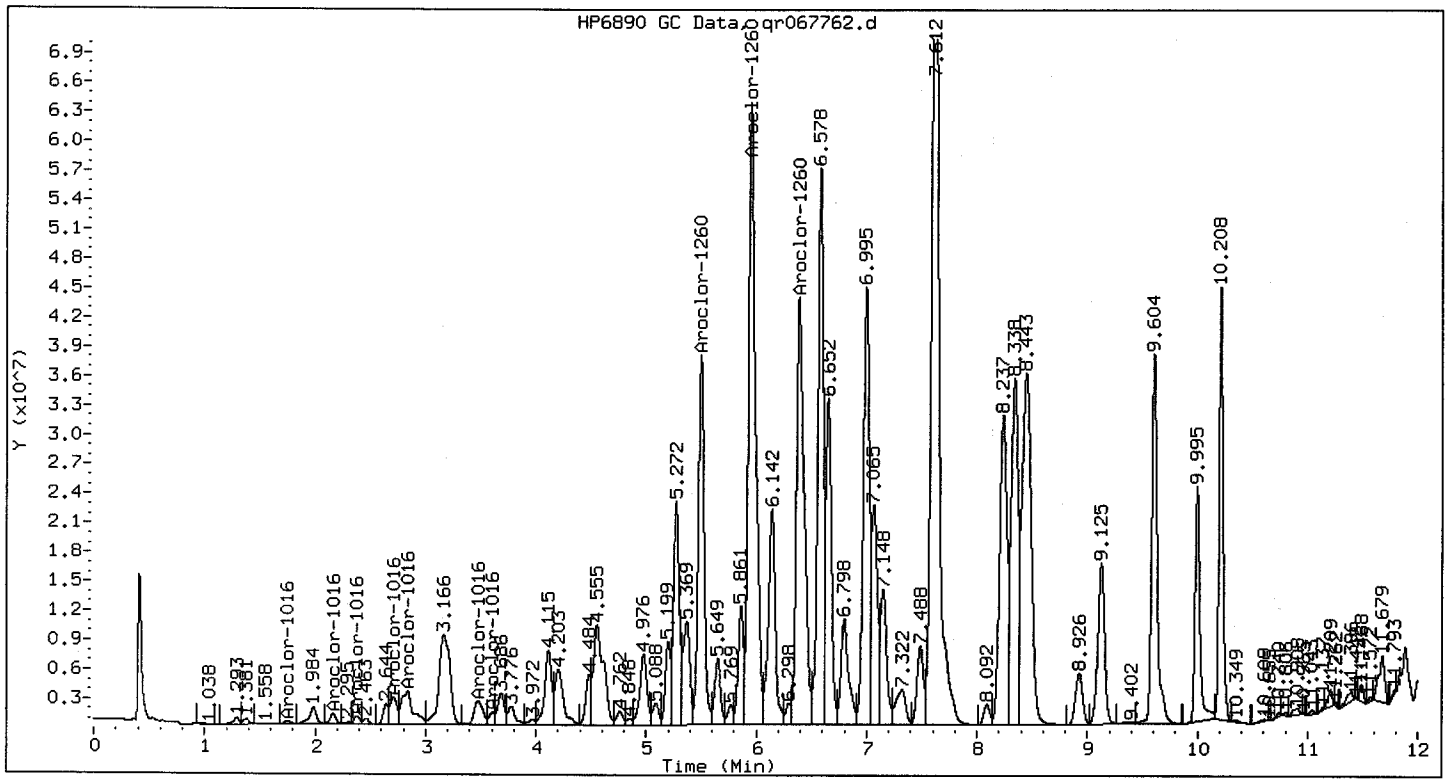
Inst ID : PESTGC8.i
Dil Factor : 10
Sample Matrix : SOIL
Sample Type: MS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1016	(M)	------	1.761	------	------	------	------	(*)
(2)		2.162	2.160	0.002	3588729	188.870	1469.234	
(3)		2.376	2.388	0.012	2787257	219.592	1708.226	
(4)		2.708	2.716	0.008	10304631	254.122	1976.833	
(5)		2.837	2.891	0.054	21859306	1382.596	10755.315	
(6)		------	2.965	------	------	------	------	(*)
(7)		3.469	3.468	0.000	12380683	747.915	5818.088	
(8)		3.632	3.615	0.017	4171313	521.343	4055.562	
Average of peak concentrations:							4300.00	
Aroclor-1260		5.493	5.495	0.002	132271844	5835.330	45393.466	
(2)		5.945	5.947	0.002	271832963	6719.322	52270.108	
(3)		6.382	6.386	0.004	201084505	5336.412	41512.347	
(4)		------	6.576	------	------	------	------	(*)
(5)		------	6.995	------	------	------	------	(*)
(6)		------	8.237	------	------	------	------	(*)

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)	
(7)	------	8.445	------	------	------	------	(*)
(8)	------	9.604	------	------	------	------	(*)
Average of peak concentrations:						46000.00	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/06Qr8082.m
Sample Info : 884978sd;4052182
Lab ID : 884978MSD
Inj Date : 20-DEC-2007 04:27
Operator : 615
Cpnd Sublist: PCB8082+

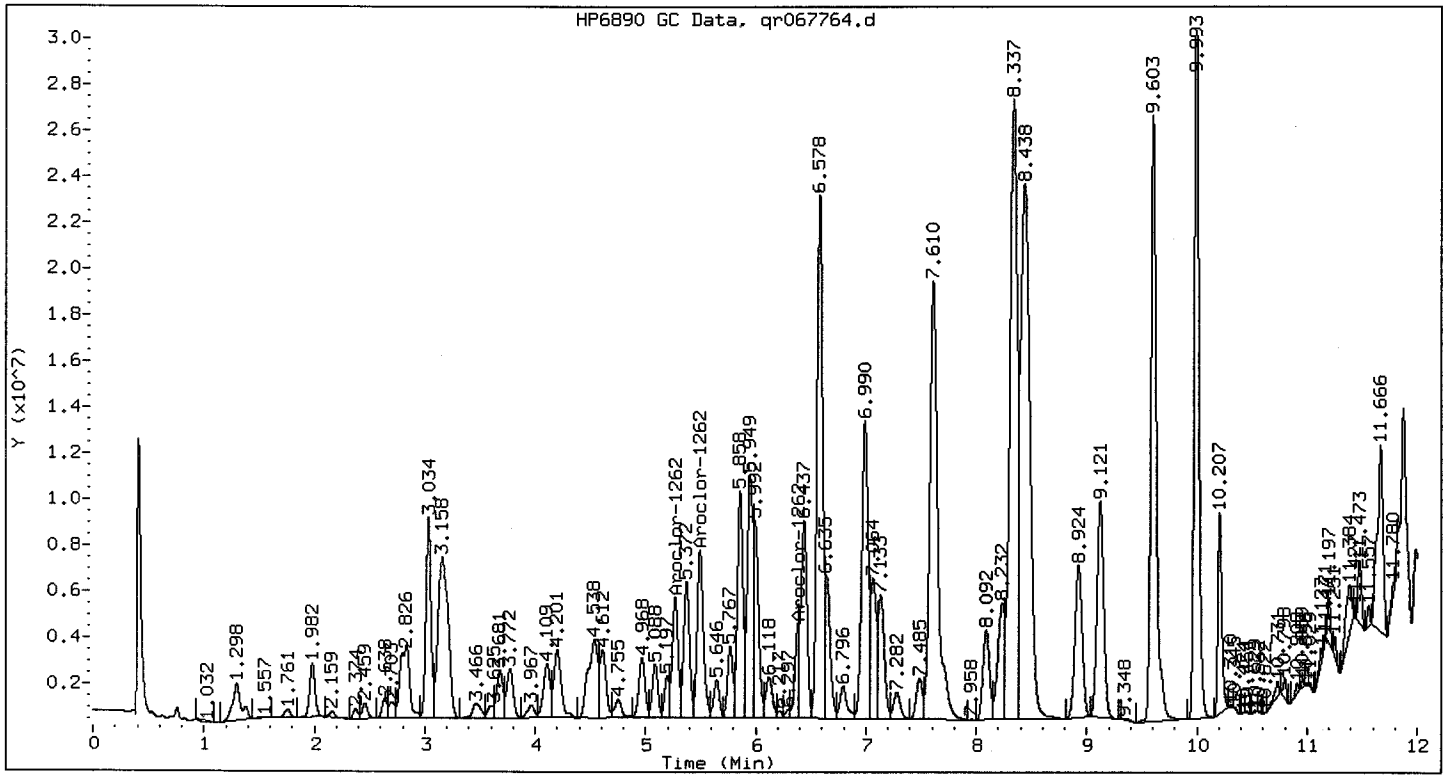
Inst ID : PESTGC8.i
Dil Factor : 10
Sample Matrix : SOIL
Sample Type: MSD

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	1.753	1.761	0.008	1701316	164.505	1279.694
(2)		2.163	2.160	0.003	4164317	219.162	1704.881
(3)		2.379	2.388	0.009	3241524	255.382	1986.632
(4)		2.712	2.716	0.003	12179676	300.362	2336.540
(5)		2.840	2.891	0.051	24977303	1579.808	12289.446
(6)		------	2.965	------	------	------	------ (*)
(7)		3.474	3.468	0.006	13819085	834.809	6494.040
(8)		3.610	3.615	0.005	4122019	515.182	4007.636
Average of peak concentrations:							4300.00
Aroclor-1260		5.497	5.495	0.002	140137264	6182.322	48092.746
(2)		5.949	5.947	0.002	285965717	7068.664	54987.661
(3)		6.385	6.386	0.001	213302862	5660.665	44034.733
(4)		------	6.576	------	------	------	------ (*)
(5)		------	6.995	------	------	------	------ (*)
(6)		------	8.237	------	------	------	------ (*)

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)	
(7)	------	8.445	------	------	------	------	(*)
(8)	------	9.604	------	------	------	------	(*)
Average of peak concentrations:						49000.00	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/06Qr8082.m
Sample Info : 884966;4045062
Lab ID : 884966
Inj Date : 20-DEC-2007 04:58
Operator : 615
Cpnd Sublist: PCB8082+

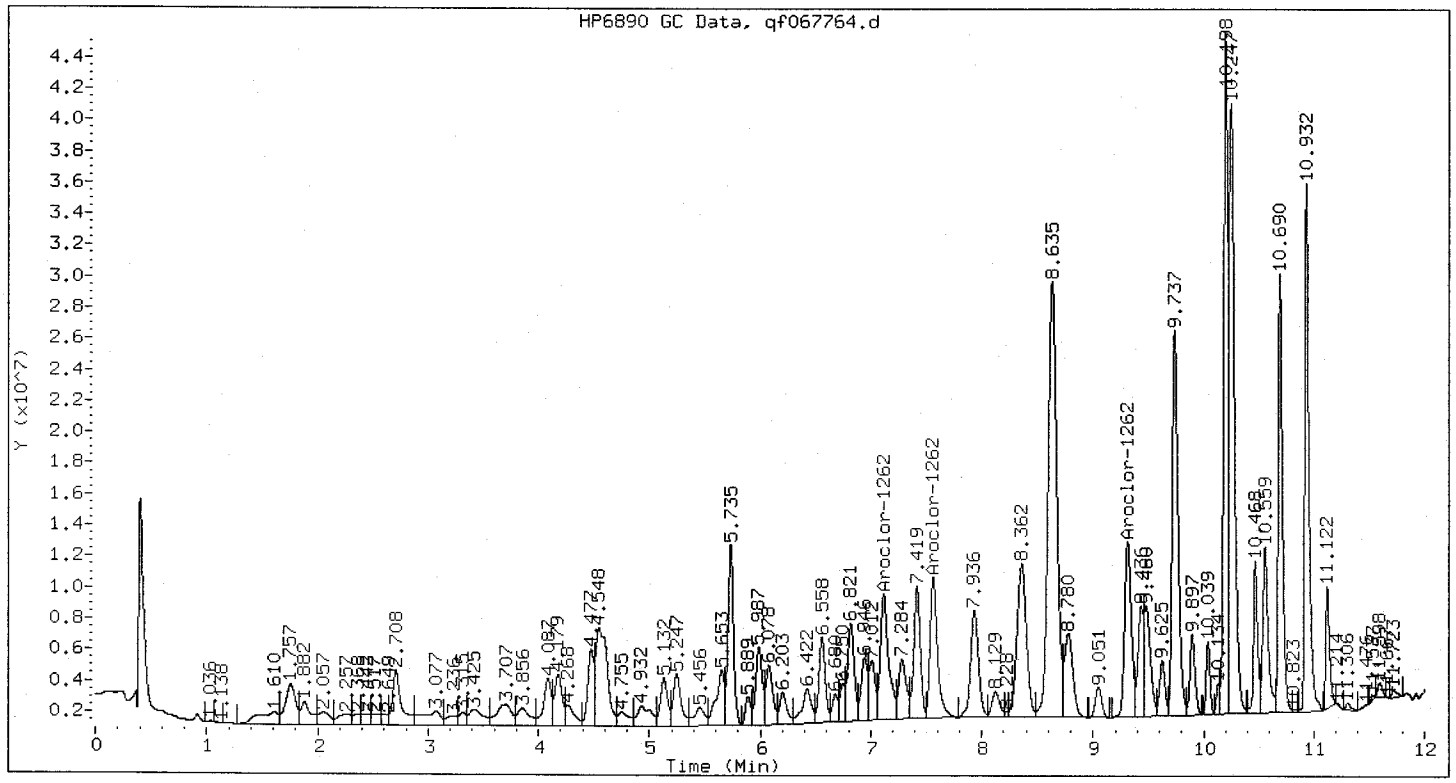
Inst ID : PESTGC8.i
Dil Factor : 10
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	(M)	5.270	5.277	0.007	19226190	1372.521	16882.173	
(2)		5.494	5.500	0.006	28714175	1503.172	18489.205	
(3)		6.384	6.392	0.008	10205104	439.998	5412.034	
(4)		------	6.583	------	------	------	------	(*)
(5)		------	7.003	------	------	------	------	(*)
(6)		------	8.249	------	------	------	------	(*)
(7)		------	8.457	------	------	------	------	(*)
(8)		------	9.612	------	------	------	------	(*)

Average of peak concentrations: 14000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b/06Qf8082.m
Sample Info : 884966;4045062
Lab ID : 884966
Inj Date : 20-DEC-2007 04:58
Operator : 615
Cpnd Sublist: PCB8082+

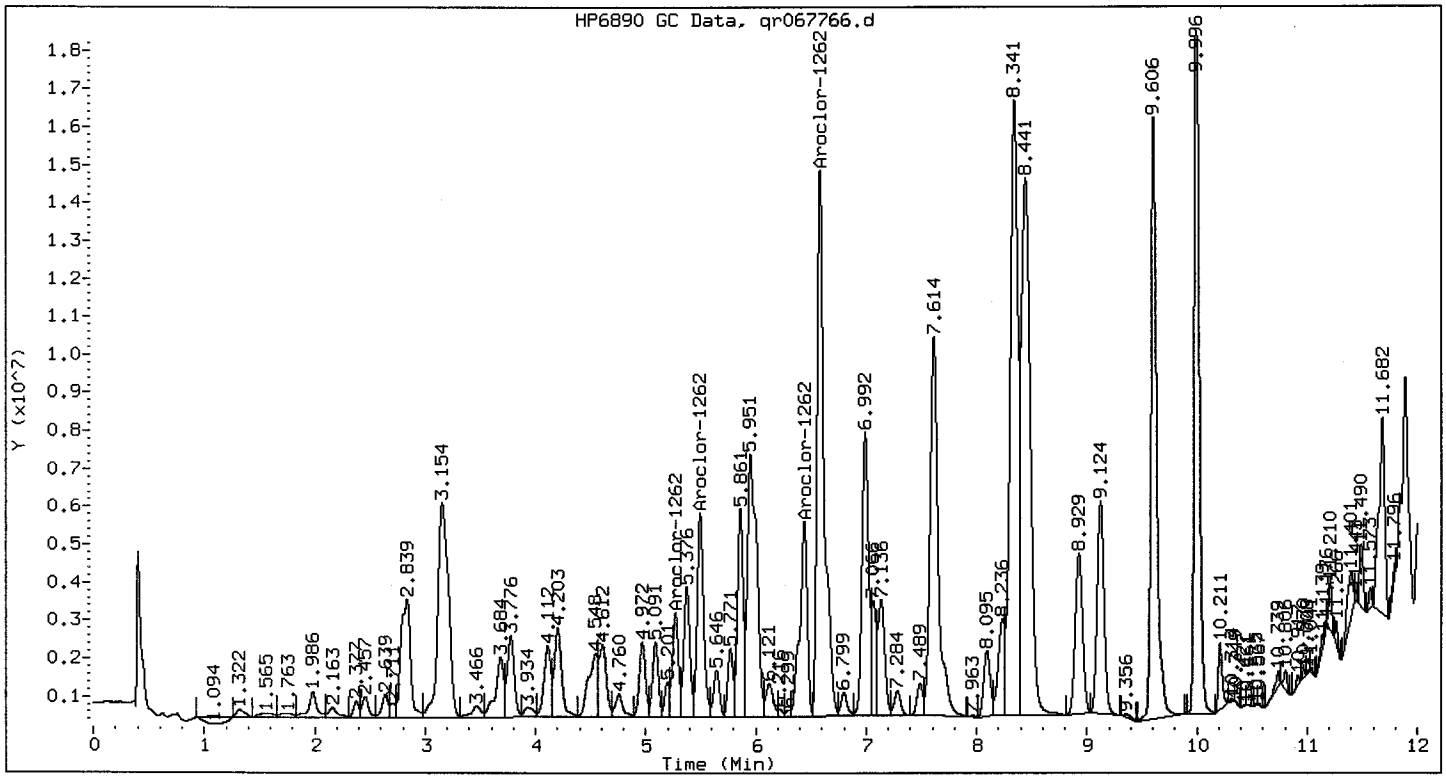
Inst ID : PESTGC8.i
Dil Factor : 10
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	7.119	7.136	0.017	41965173	1533.271	18859.417	
(2)	7.565	7.578	0.014	42199507	1287.629	15837.996	
(3)	------	8.657	------	------	------	------	(*)
(4)	9.312	9.323	0.011	48819512	1384.694	17031.910	
(5)	------	10.213	------	------	------	------	(*)
(6)	------	10.261	------	------	------	------	(*)
(7)	------	10.709	------	------	------	------	(*)
(8)	------	10.957	------	------	------	------	(*)

Average of peak concentrations: 17000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/06Qr8082.m
Sample Info : 884967;4045064
Lab ID : 884967
Inj Date : 20-DEC-2007 05:31
Operator : 615
Cpnd Sublist: PCB8082+

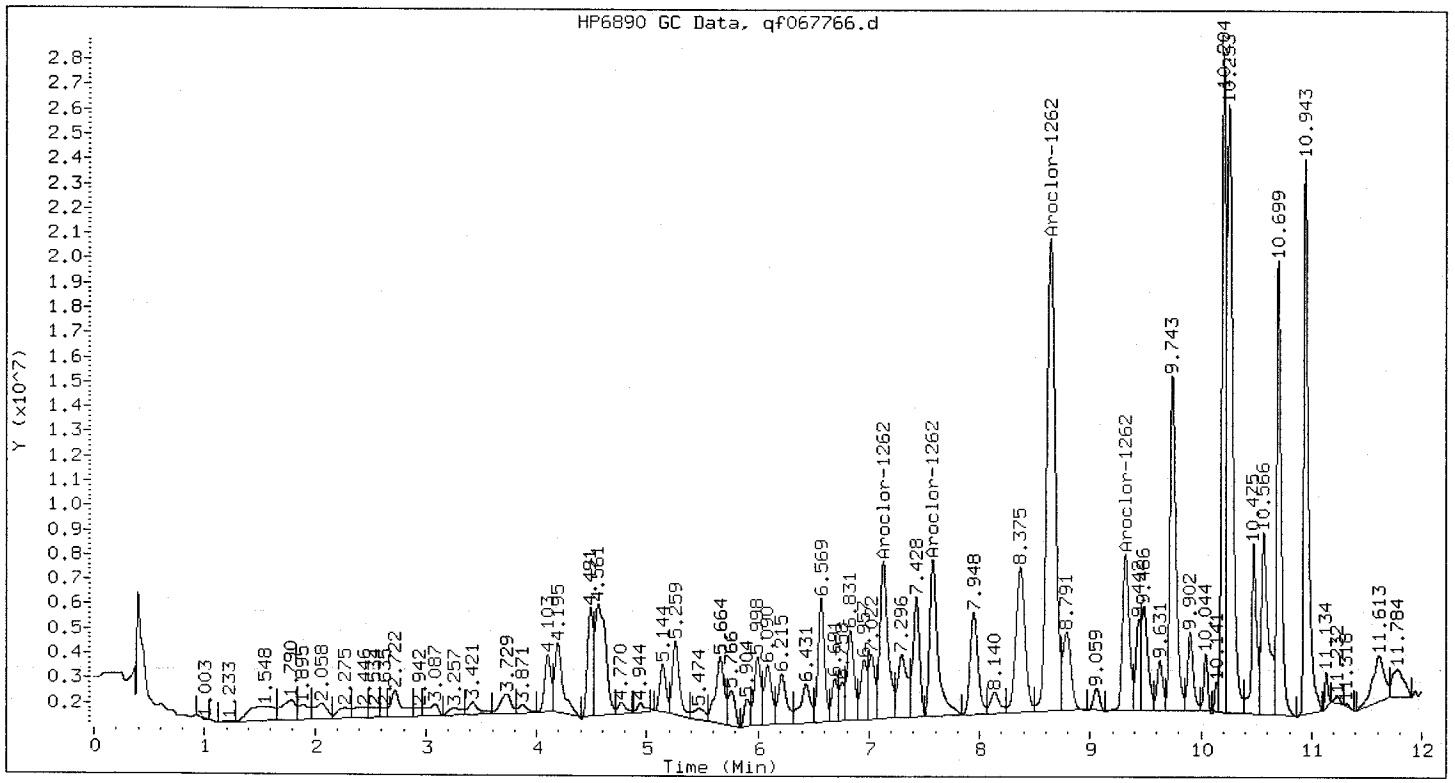
Inst ID : PESTGC8.i
Dil Factor : 100
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	5.273	5.277	0.004	10480066	748.152	100355.696	
(2)	5.497	5.500	0.003	21551071	1128.188	151333.001	
(3)	6.441	6.392	0.050	23857076	1028.610	137975.875	
(4)	6.582	6.583	0.000	64615641	2053.038	275390.686	
(5)	------	7.003	------	------	------	------	(*)
(6)	------	8.249	------	------	------	------	(*)
(7)	------	8.457	------	------	------	------	(*)
(8)	------	9.612	------	------	------	------	(*)

Average of peak concentrations: 170000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b/06Qf8082.m
Sample Info : 884967;4045064
Lab ID : 884967
Inj Date : 20-DEC-2007 05:31
Operator : 615
Cpnd Sublist: PCB8082+

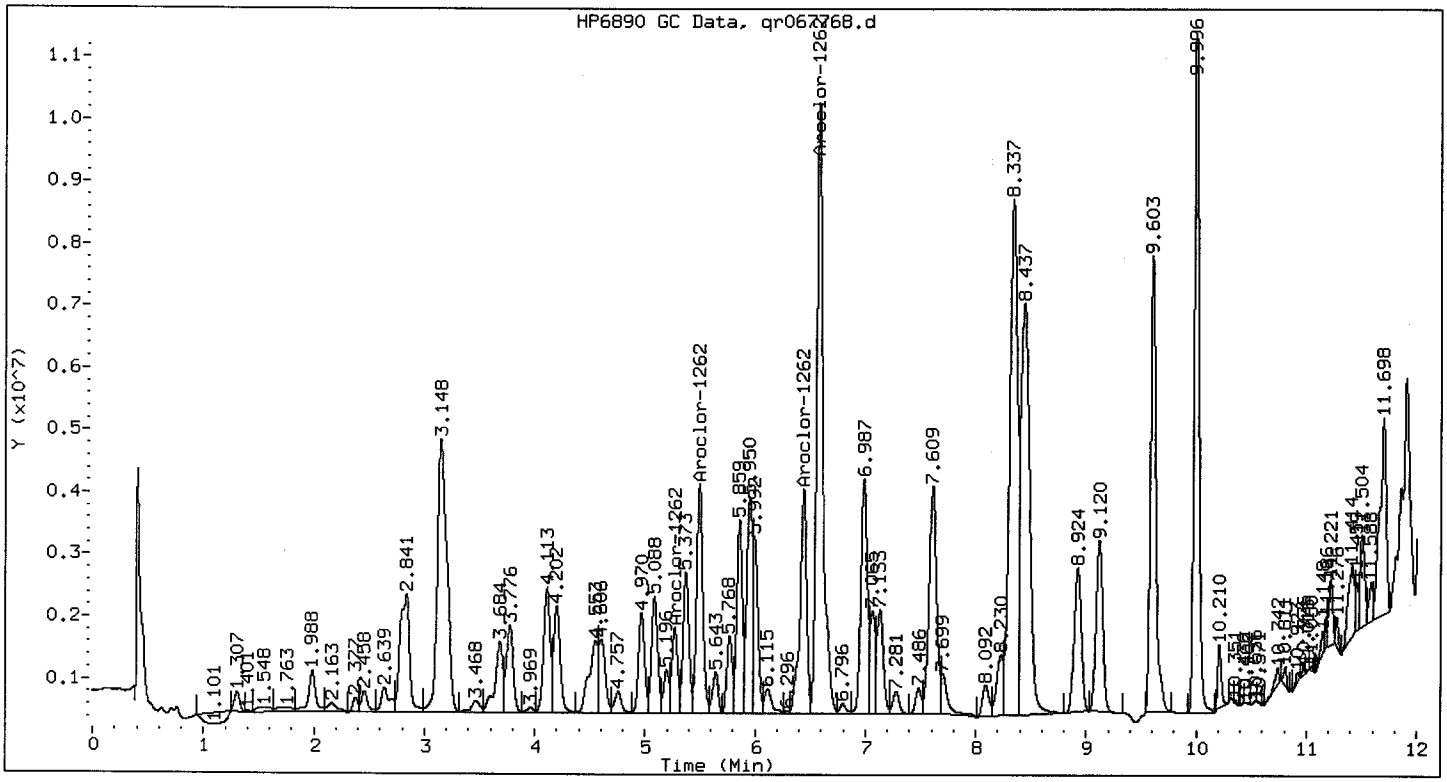
Inst ID : PESTGC8.i
Dil Factor : 100
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	7.130	7.136	0.006	32984106	1205.132	161654.150	
(2)	7.576	7.578	0.002	32819519	1001.418	134328.435	
(3)	8.647	8.657	0.010	104069757	2095.598	281099.644	
(4)	9.321	9.323	0.002	27431563	778.056	104367.042	
(5)	------	10.213	------	------	------	------	(*)
(6)	------	10.261	------	------	------	------	(*)
(7)	------	10.709	------	------	------	------	(*)
(8)	------	10.957	------	------	------	------	(*)

Average of peak concentrations: 170000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/06Qr8082.m
Sample Info : 884968;4045066
Lab ID : 884968
Inj Date : 20-DEC-2007 06:03
Operator : 615
Cpnd Sublist: PCB8082+

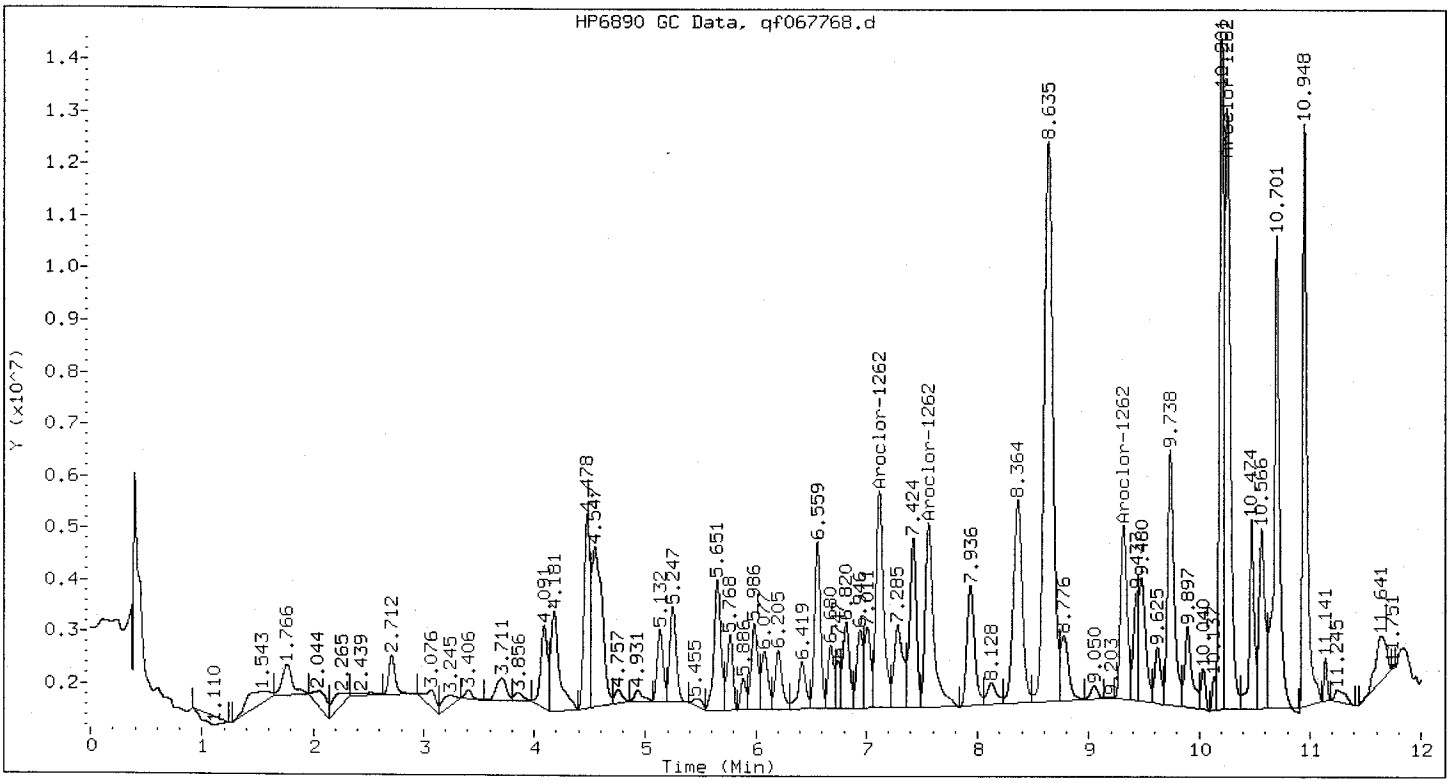
Inst ID : PESTGC8.i
Dil Factor : 250
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	(M)	5.271	5.277	0.005	5145554	367.331	117734.354	
(2)		5.495	5.500	0.005	14460840	757.018	242633.834	
(3)		6.439	6.392	0.047	15240222	657.090	210605.782	
(4)		6.577	6.583	0.005	40296739	1280.351	410369.001	
(5)		------	7.003	------	------	------	------	(*)
(6)		------	8.249	------	------	------	------	(*)
(7)		------	8.457	------	------	------	------	(*)
(8)		------	9.612	------	------	------	------	(*)

Average of peak concentrations: 240000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b/06Qf8082.m
Sample Info : 884968;4045066
Lab ID : 884968
Inj Date : 20-DEC-2007 06:03
Operator : 615
Cpnd Sublist: PCB8082+

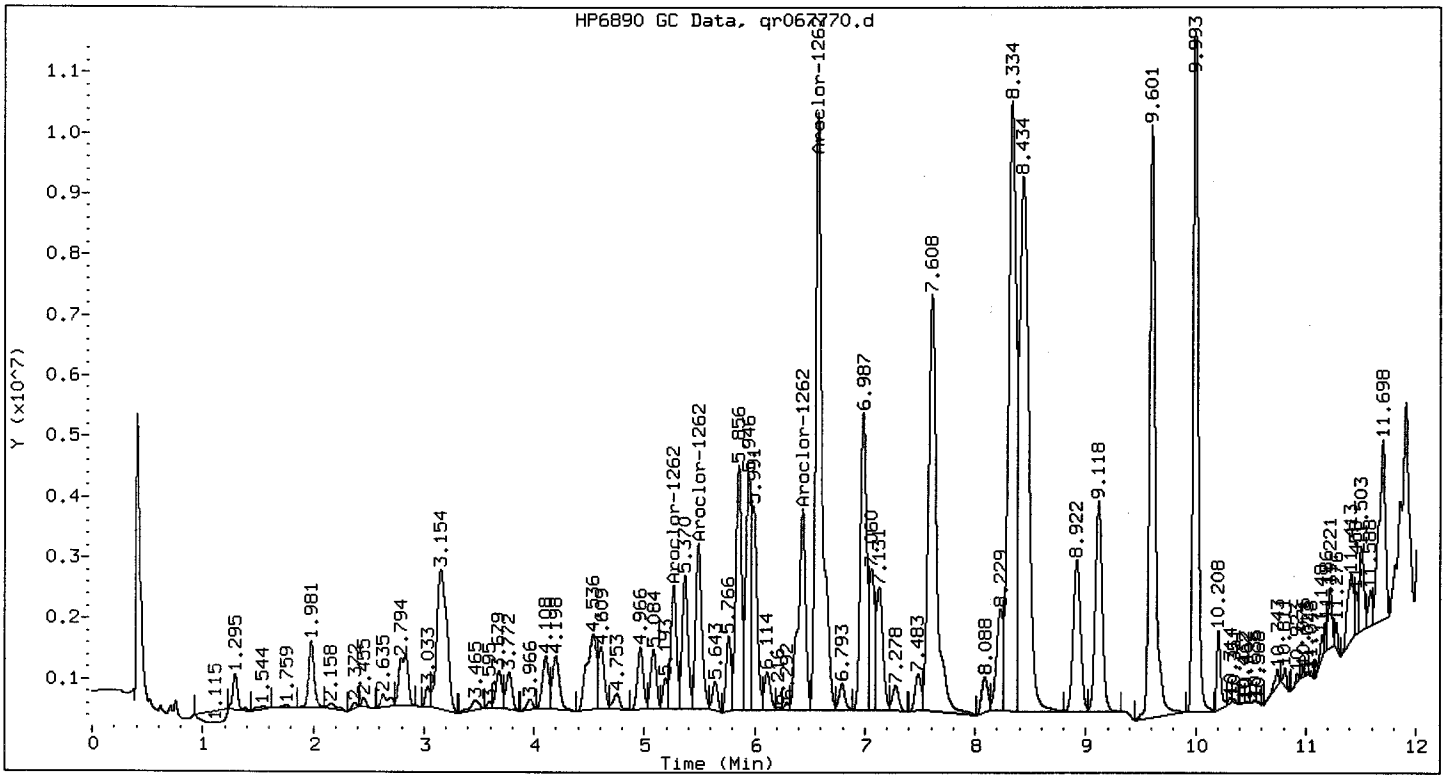
Inst ID : PESTGC8.i
Dil Factor : 250
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	7.119	7.136	0.017	19980604	730.026	233982.732	
(2)	7.561	7.578	0.017	18568305	566.573	181593.817	
(3)	------	8.657	------	------	------	------	(*)
(4)	9.315	9.323	0.008	14023385	397.753	127484.896	
(5)	------	10.213	------	------	------	------	(*)
(6)	10.251	10.261	0.010	42085308	1459.368	467746.004	
(7)	------	10.709	------	------	------	------	(*)
(8)	------	10.957	------	------	------	------	(*)

Average of peak concentrations: 250000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/06Qr8082.m
Sample Info : 884969;4045068
Lab ID : 884969
Inj Date : 20-DEC-2007 06:33
Operator : 615
Cpnd Sublist: PCB8082+

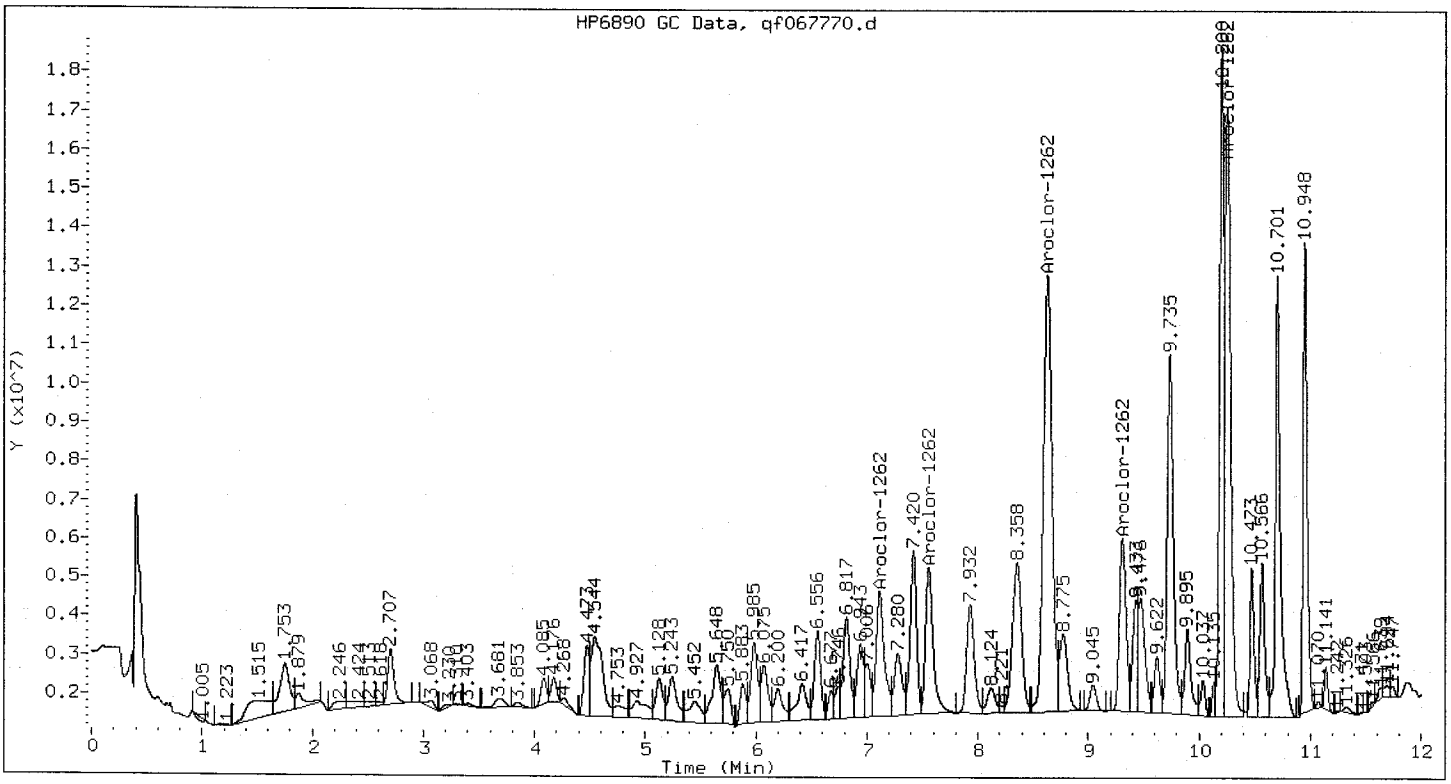
Inst ID : PESTGC8.i
Dil Factor : 50
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	5.268	5.277	0.008	7499264	535.358	30452.674	
(2)	5.493	5.500	0.007	10752582	562.892	32018.894	
(3)	6.436	6.392	0.044	15485624	667.671	37978.992	
(4)	6.575	6.583	0.007	42510998	1350.705	76831.917	
(5)	------	7.003	------	------	------	------	(*)
(6)	------	8.249	------	------	------	------	(*)
(7)	------	8.457	------	------	------	------	(*)
(8)	------	9.612	------	------	------	------	(*)

Average of peak concentrations: 44000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b/06Qf8082.m
Sample Info : 884969;4045068
Lab ID : 884969
Inj Date : 20-DEC-2007 06:33
Operator : 615
Cpnd Sublist: PCB8082+

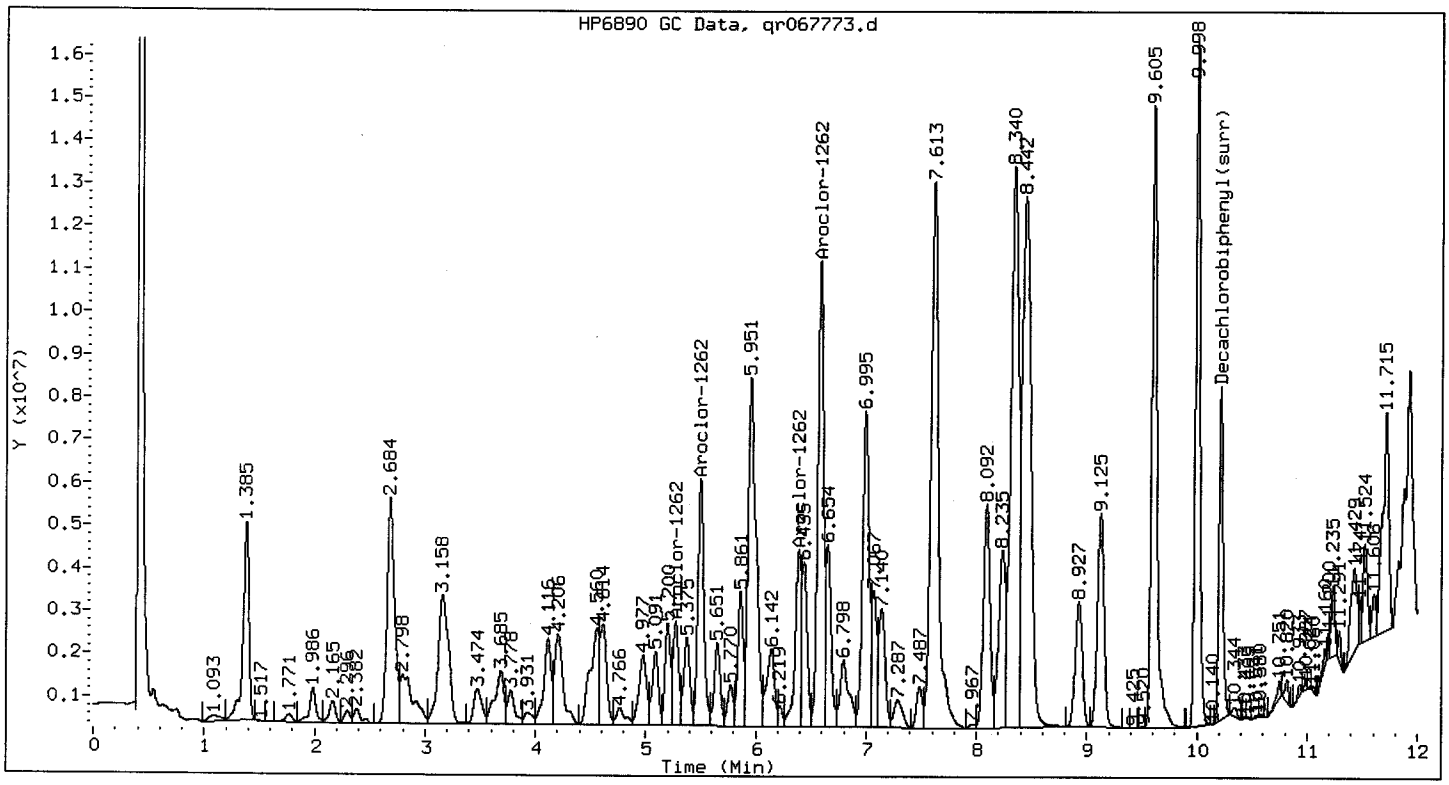
Inst ID : PESTGC8.i
Dil Factor : 50
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	7.116	7.136	0.020	16455892	601.245	34200.491	
(2)	7.558	7.578	0.021	18095139	552.135	31406.999	
(3)	8.631	8.657	0.026	61364711	1235.669	70288.330	
(4)	9.309	9.323	0.013	18675336	529.699	30130.756	
(5)	------	10.213	------	------	------	------	(*)
(6)	10.250	10.261	0.011	57604645	1997.522	113624.714	
(7)	------	10.709	------	------	------	------	(*)
(8)	------	10.957	------	------	------	------	(*)

Average of peak concentrations: 56000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



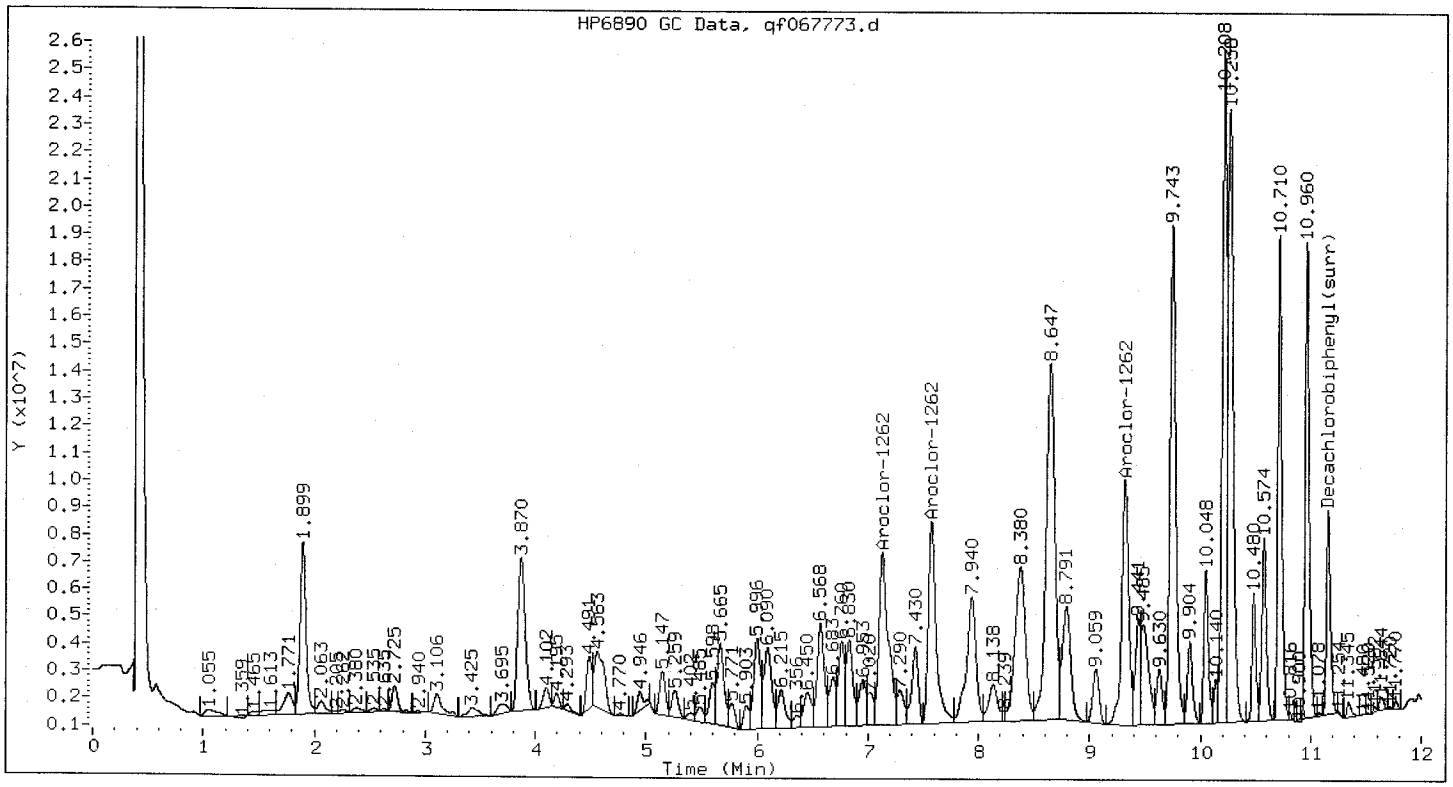
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/06Qr8082.m
Sample Info : 884970;4045070
Lab ID : 884970
Inj Date : 20-DEC-2007 07:21
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	5.274	5.277	0.003	8920577	636.823	819.592	
(2)	5.498	5.500	0.002	22085230	1156.150	1487.967	
(3)	6.387	6.392	0.005	15271974	658.459	847.438	
(4)	6.581	6.583	0.001	39065120	1241.219	1597.450	
(5)	------	7.003	------	------	------	------	(*)
(6)	------	8.249	------	------	------	------	(*)
(7)	------	8.457	------	------	------	------	(*)
(8)	------	9.612	------	------	------	------	(*)
Average of peak concentrations:						1200.00	
Decachlorobiphenyl(surr)	10.213	10.208	0.004	19525607	63.711	81.996	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b/06Qf8082.m
Sample Info : 884970;4045070
Lab ID : 884970
Inj Date : 20-DEC-2007 07:21
Operator : 615
Cpnd Sublist: PCB8082+

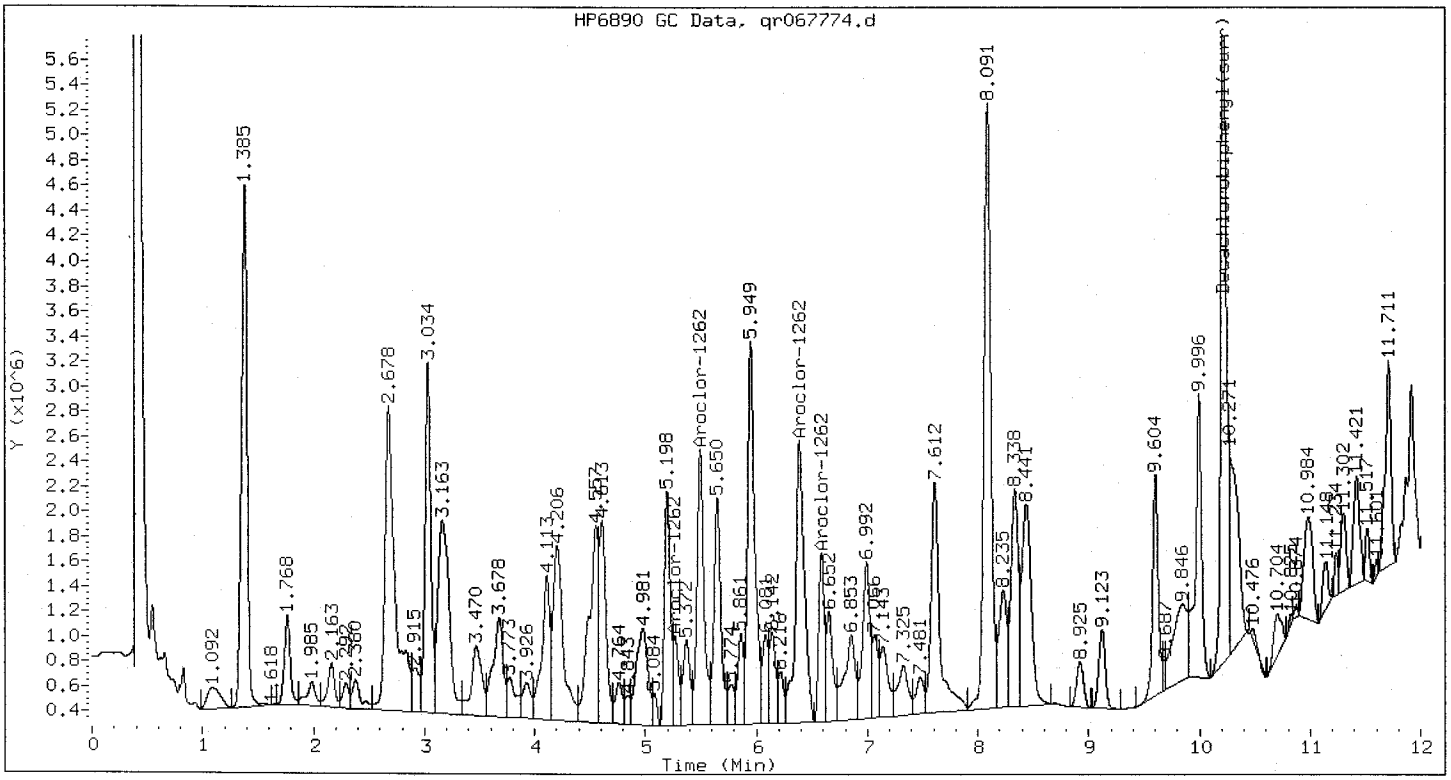
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

12/9/8

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	(M)	7.129	7.136	0.007	37104624	1355.682	1744.764
(2)		7.575	7.578	0.004	36631201	1117.724	1438.512
(3)		------	8.657	------	------	------	------ (*)
(4)		9.317	9.323	0.005	39665910	1125.066	1447.961
(5)		------	10.213	------	------	------	------ (*)
(6)		------	10.261	------	------	------	------ (*)
(7)		------	10.709	------	------	------	------ (*)
(8)		------	10.957	------	------	------	------ (*)
Average of peak concentrations:							1500.00
Decachlorobiphenyl(surr)		11.156	11.137	0.019	18691865	63.856	82.183

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



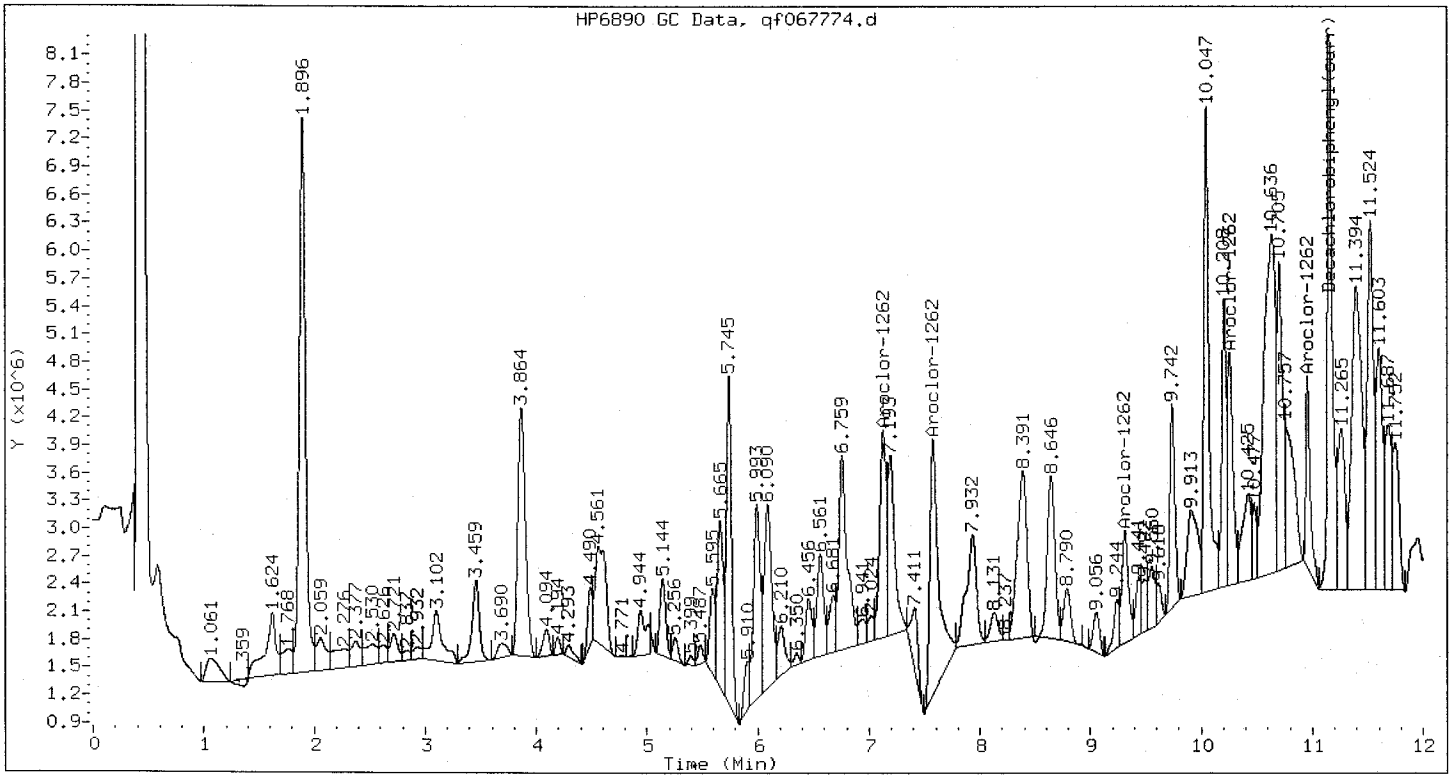
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/06Qr8082.m
Sample Info : 884971;4045072
Lab ID : 884971
Inj Date : 20-DEC-2007 07:37
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262		5.269	5.277	0.008	2330619	166.378	215.377	
	(2)	5.496	5.500	0.004	9717226	508.692	658.501	
	(3)	6.387	6.392	0.004	12726523	548.711	710.305	
	(4)	6.583	6.583	0.001	4802395	152.587	197.523	
	(5)	------	7.003	------	------	------	------	(*)
	(6)	------	8.249	------	------	------	------	(*)
	(7)	------	8.457	------	------	------	------	(*)
	(8)	------	9.612	------	------	------	------	(*)
Average of peak concentrations:							440.00	
Decachlorobiphenyl(surr)	(M)	10.212	10.208	0.004	21261787	69.376	89.807	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b/06Qf8082.m
Sample Info : 884971;4045072
Lab ID : 884971
Inj Date : 20-DEC-2007 07:37
Operator : 615
Cpnd Sublist: PCB8082+

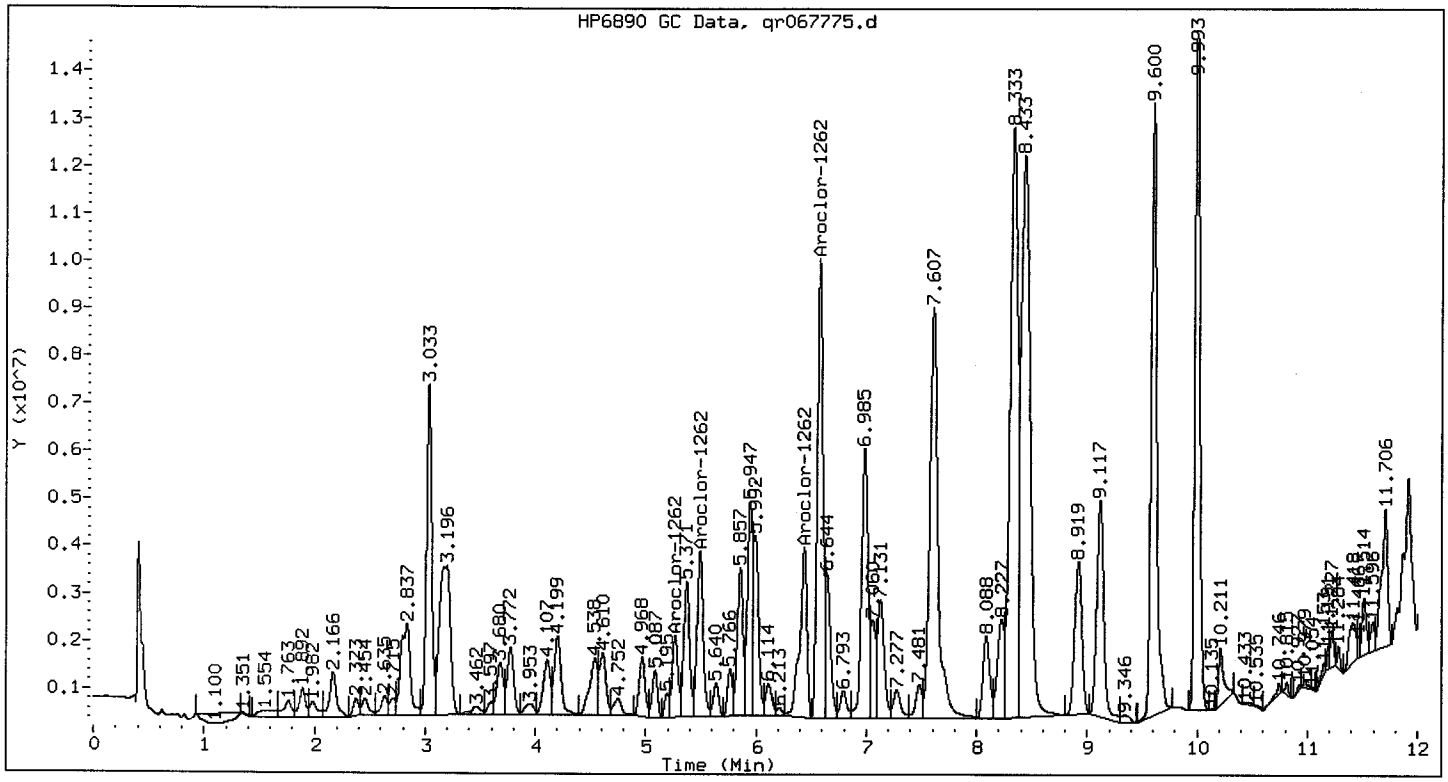
Inst ID : PESTGC8.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

1/9/8

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	(M)	7.128	7.136	0.008	9107930	332.774	430.775
(2)		7.576	7.578	0.003	15304132	466.973	604.496
(3)		------	8.657	------	------	------	------ (*)
(4)		9.316	9.323	0.007	5124357	145.345	188.149
(5)		------	10.213	------	------	------	------ (*)
(6)		10.257	10.261	0.004	8994756	311.906	403.762
(7)		------	10.709	------	------	------	------ (*)
(8)		10.956	10.957	0.000	5615853	962.247	1245.627
Average of peak concentrations:							570.00
Decachlorobiphenyl(surr)		11.153	11.137	0.016	19105695	65.270	84.492

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/06Qr8082.m
Sample Info : 884980;4045090
Lab ID : 884980
Inj Date : 20-DEC-2007 07:52
Operator : 615
Cpnd Sublist: PCB8082+

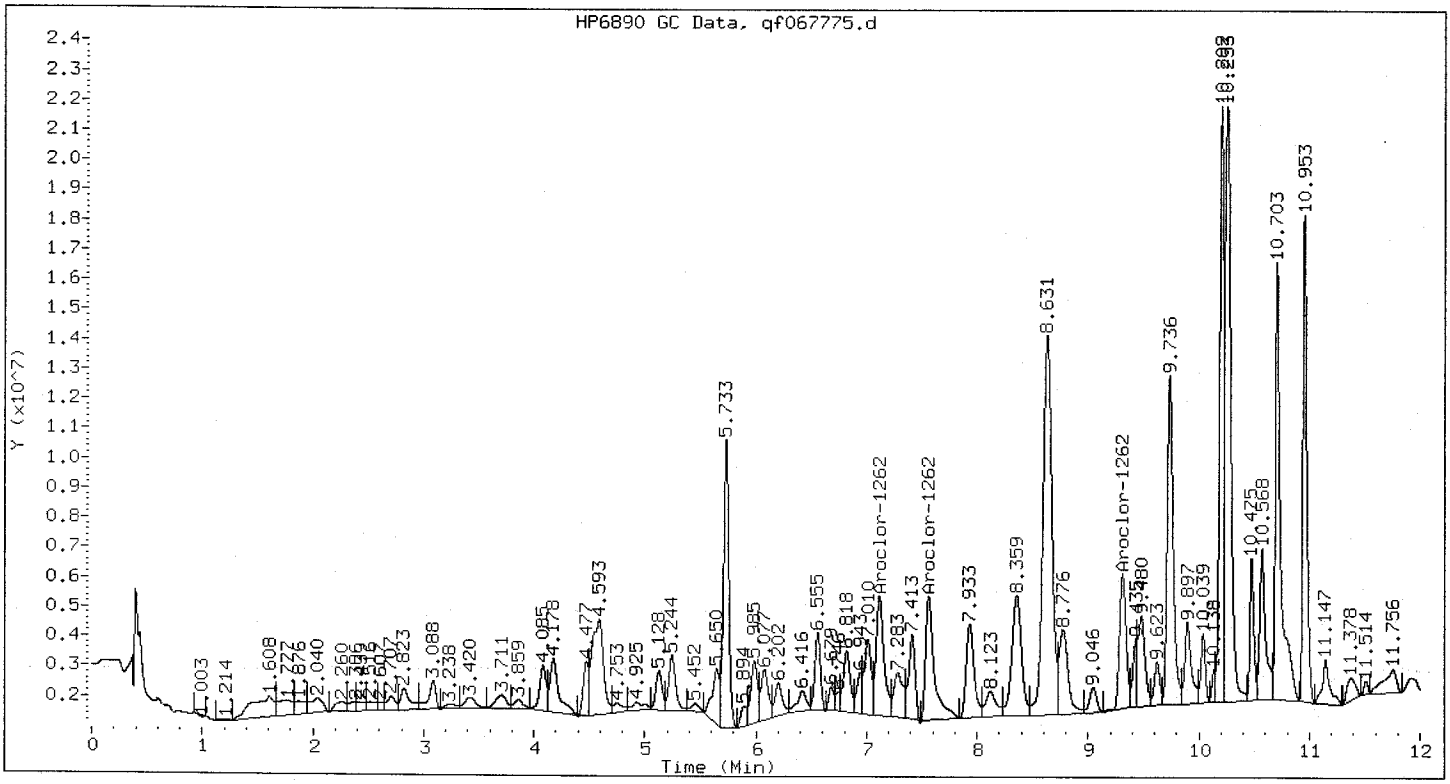
Inst ID : PESTGC8.i
Dil Factor : 500
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	5.268	5.277	0.008	6445636	460.142	243461.128	
(2)	5.493	5.500	0.007	13567340	710.243	375790.103	
(3)	6.435	6.392	0.043	16186547	697.891	369254.672	
(4)	6.577	6.583	0.006	35646597	1132.602	599260.305	
(5)	------	7.003	------	------	------	------	(*)
(6)	------	8.249	------	------	------	------	(*)
(7)	------	8.457	------	------	------	------	(*)
(8)	------	9.612	------	------	------	------	(*)

Average of peak concentrations: 400000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b/06Qf8082.m
Sample Info : 884980;4045090
Lab ID : 884980
Inj Date : 20-DEC-2007 07:52
Operator : 615
Cpnd Sublist: PCB8082+

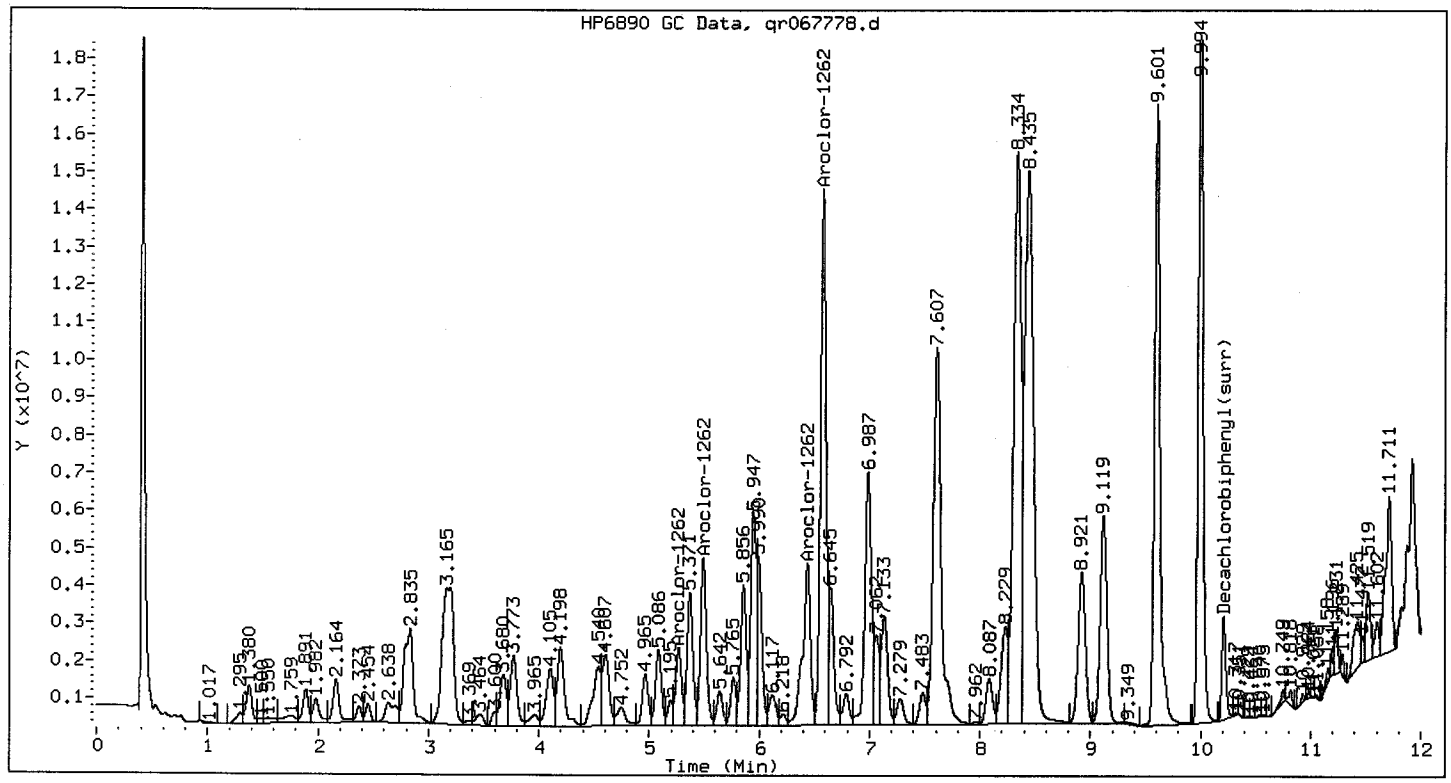
Inst ID : PESTGC8.i
Dil Factor : 500
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	7.116	7.136	0.020	20286315	741.196392167.093		
(2)	7.562	7.578	0.017	22413127	683.889361846.219		
(3)	------	8.657	------	------	------	------	(*)
(4)	9.310	9.323	0.012	19150186	543.167287390.007		
(5)	------	10.213	------	------	------	------	(*)
(6)	------	10.261	------	------	------	------	(*)
(7)	------	10.709	------	------	------	------	(*)
(8)	------	10.957	------	------	------	------	(*)

Average of peak concentrations: 350000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



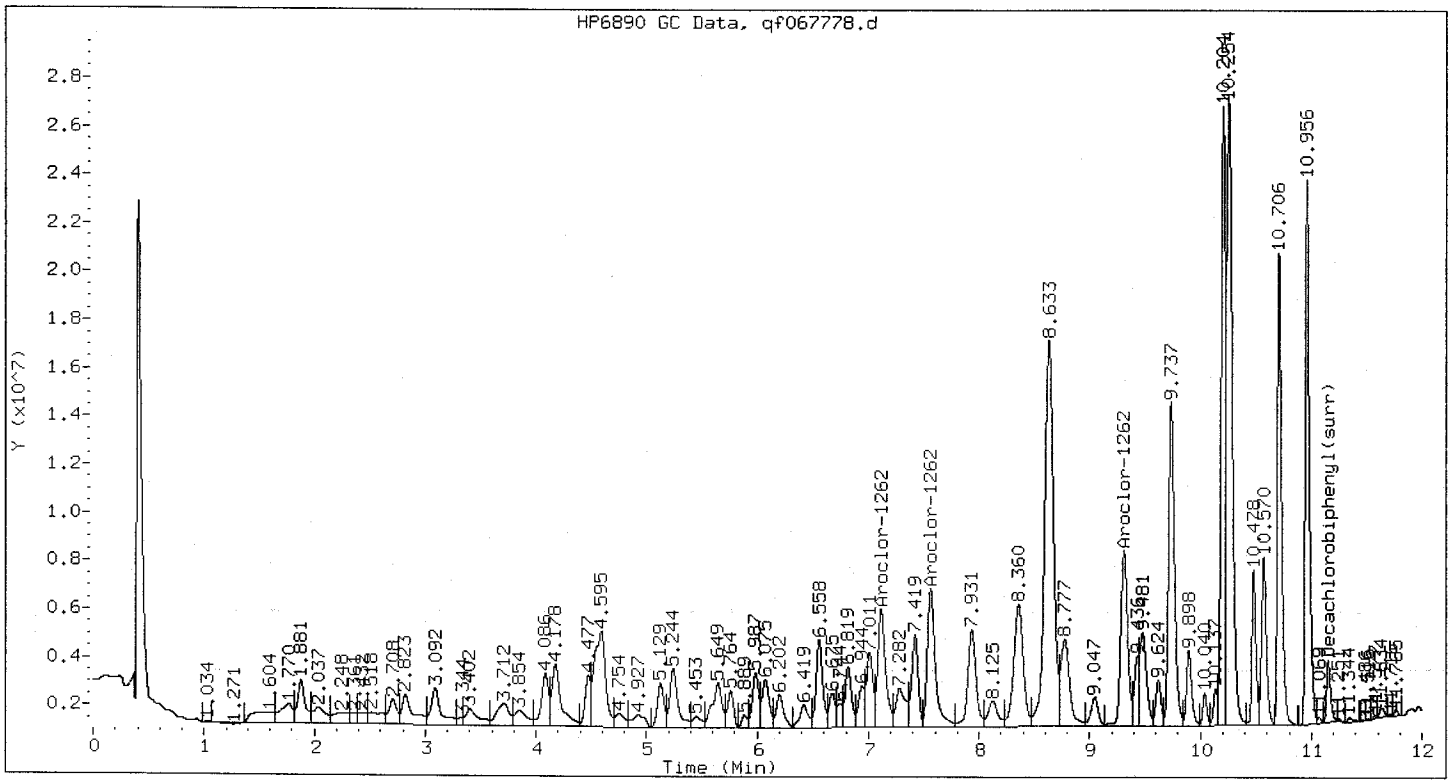
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/06Qr8082.m
Sample Info : 884981;4045092
Lab ID : 884981
Inj Date : 20-DEC-2007 08:39
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	5.269	5.277	0.008	7744054	552.833	3227.280	
(2)	5.493	5.500	0.007	16961693	887.936	5183.514	
(3)	6.436	6.392	0.044	21293210	918.068	5359.415	
(4)	6.575	6.583	0.007	51580956	1638.886	9567.341	
(5)	------	7.003	------	------	------	------	(*)
(6)	------	8.249	------	------	------	------	(*)
(7)	------	8.457	------	------	------	------	(*)
(8)	------	9.612	------	------	------	------	(*)
Average of peak concentrations:						5800.00	
Decachlorobiphenyl(surr)	10.210	10.208	0.002	6693487	21.840	127.497	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



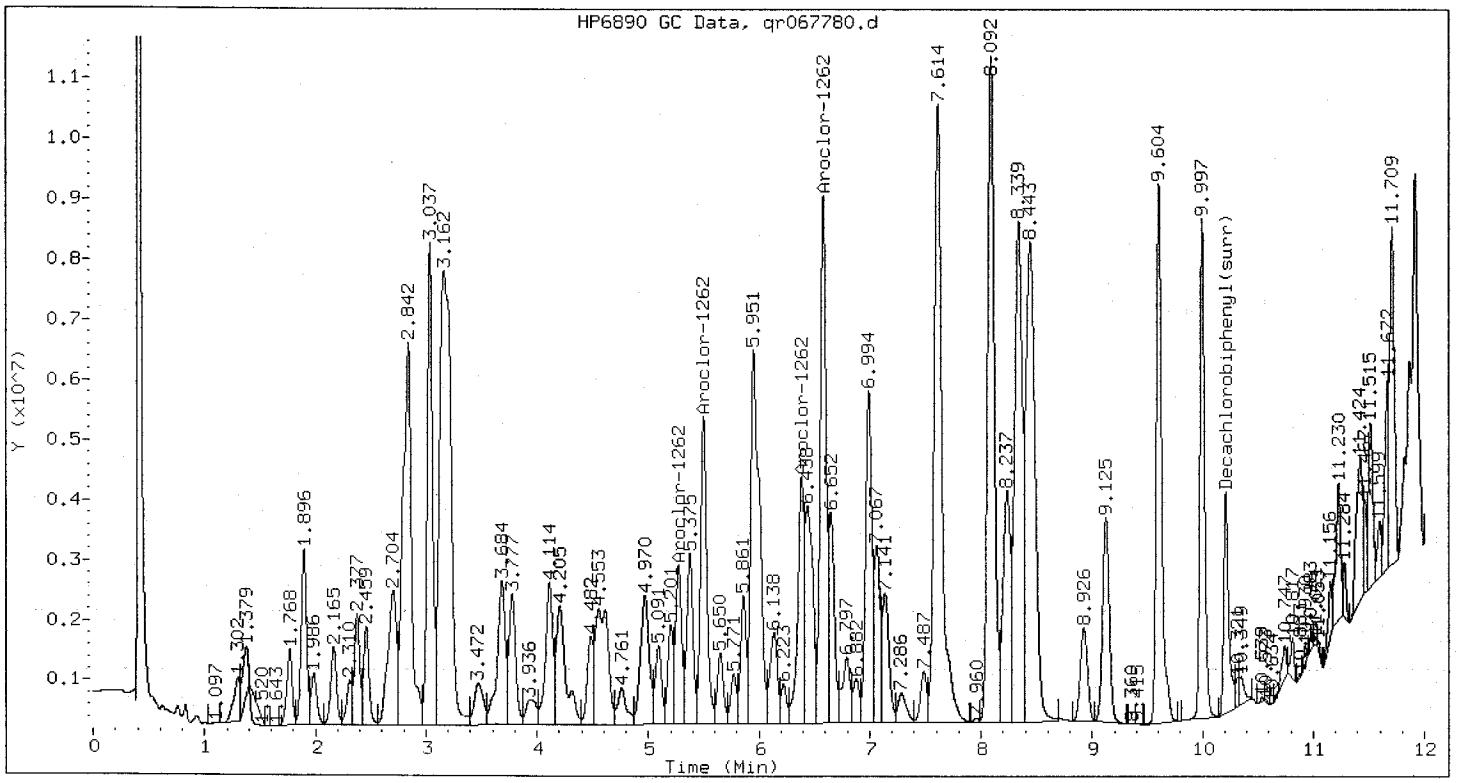
Method : /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b/06Qf8082.m
Sample Info : 884981;4045092
Lab ID : 884981
Inj Date : 20-DEC-2007 08:39
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	7.116	7.136	0.020	24307337	888.111	5184.535
(2)	7.559	7.578	0.019	29245016	892.350	5209.282
(3)	------	8.657	------	------	------	------ (*)
(4)	9.311	9.323	0.011	31692690	898.917	5247.618
(5)	------	10.213	------	------	------	------ (*)
(6)	------	10.261	------	------	------	------ (*)
(7)	------	10.709	------	------	------	------ (*)
(8)	------	10.957	------	------	------	------ (*)
Average of peak concentrations:						5200.00
Decachlorobiphenyl(surr)	11.152	11.137	0.015	6402559	21.873	127.687

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



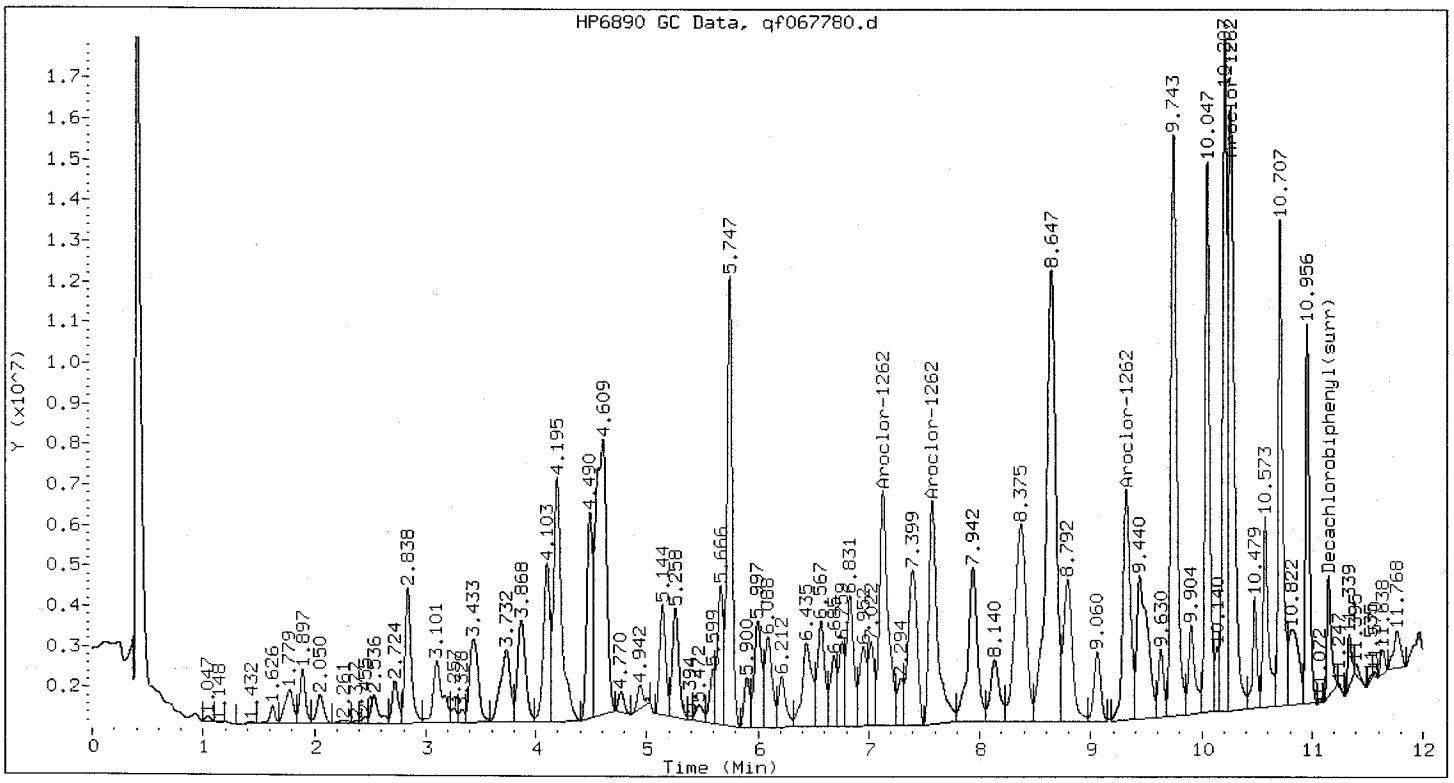
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/06Qr8082.m
Sample Info : 884986;4045102
Lab ID : 884986
Inj Date : 20-DEC-2007 09:12
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	(M)	5.272	5.277	0.004	10336940	737.934	2938.806	
(2)		5.497	5.500	0.003	20439426	1069.993	4261.225	
(3)		6.386	6.392	0.006	16691749	719.673	2866.083	
(4)		6.581	6.583	0.002	32613890	1036.244	4126.816	
(5)		------	7.003	------	------	------	------	(*)
(6)		------	8.249	------	------	------	------	(*)
(7)		------	8.457	------	------	------	------	(*)
(8)		------	9.612	------	------	------	------	(*)
Average of peak concentrations:							3500.00	
Decachlorobiphenyl(surr)		10.211	10.208	0.002	11420101	37.263	148.399	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b/06Qf8082.m
Sample Info : 884986;4045102
Lab ID : 884986
Inj Date : 20-DEC-2007 09:12
Operator : 615
Cpnd Sublist: PCB8082+

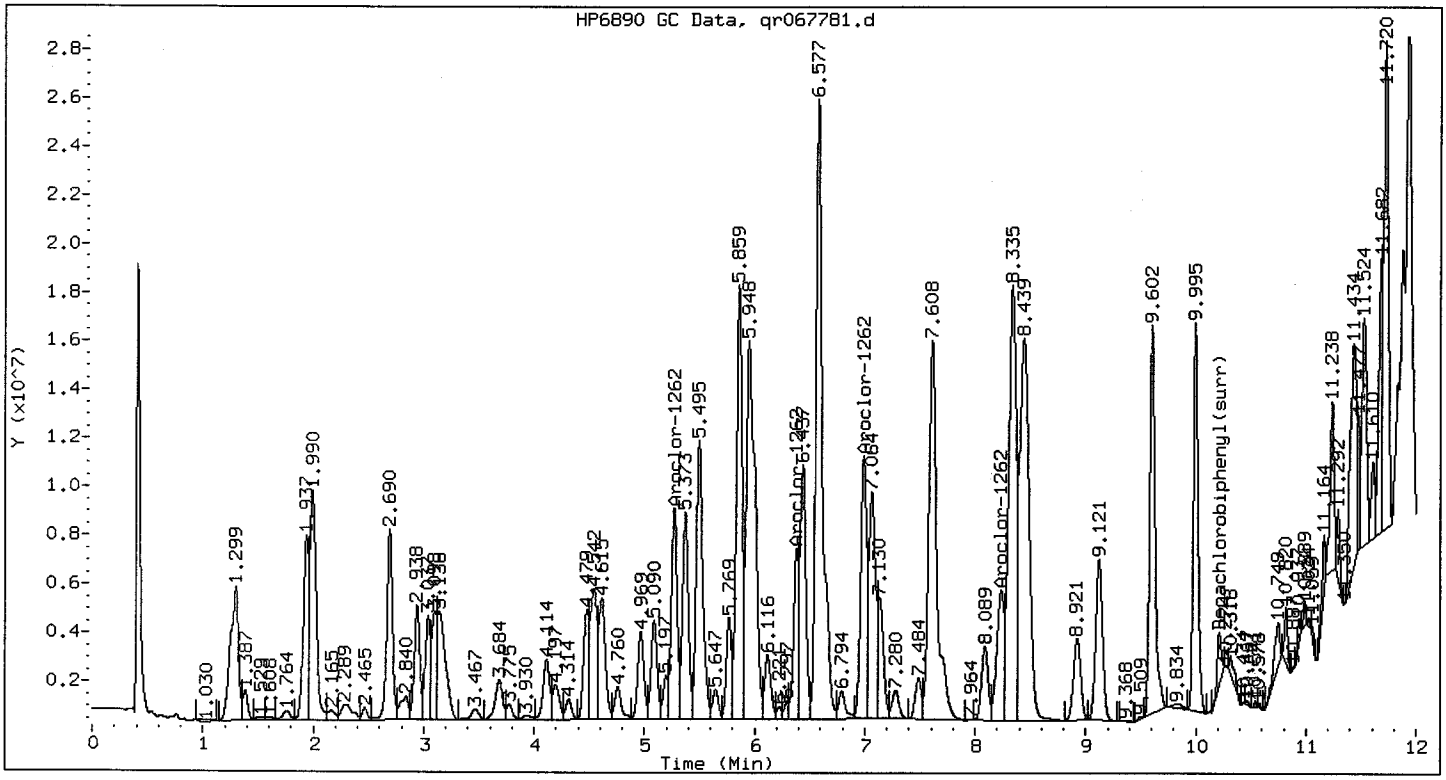
Inst ID : PESTGC8.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: SAMPLE

12/19/8

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	7.129	7.136	0.007	31212193	1140.392	4541.584
(2)	7.576	7.578	0.003	29246212	892.387	3553.909
(3)	------	8.657	------	------	------	------ (*)
(4)	9.317	9.323	0.005	26313772	746.352	2972.329
(5)	------	10.213	------	------	------	------ (*)
(6)	10.258	10.261	0.003	57591407	1997.063	7953.259
(7)	------	10.709	------	------	------	------ (*)
(8)	------	10.957	------	------	------	------ (*)
Average of peak concentrations:						4800.00
Decachlorobiphenyl(surr)	11.152	11.137	0.015	7784953	26.595	105.915

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



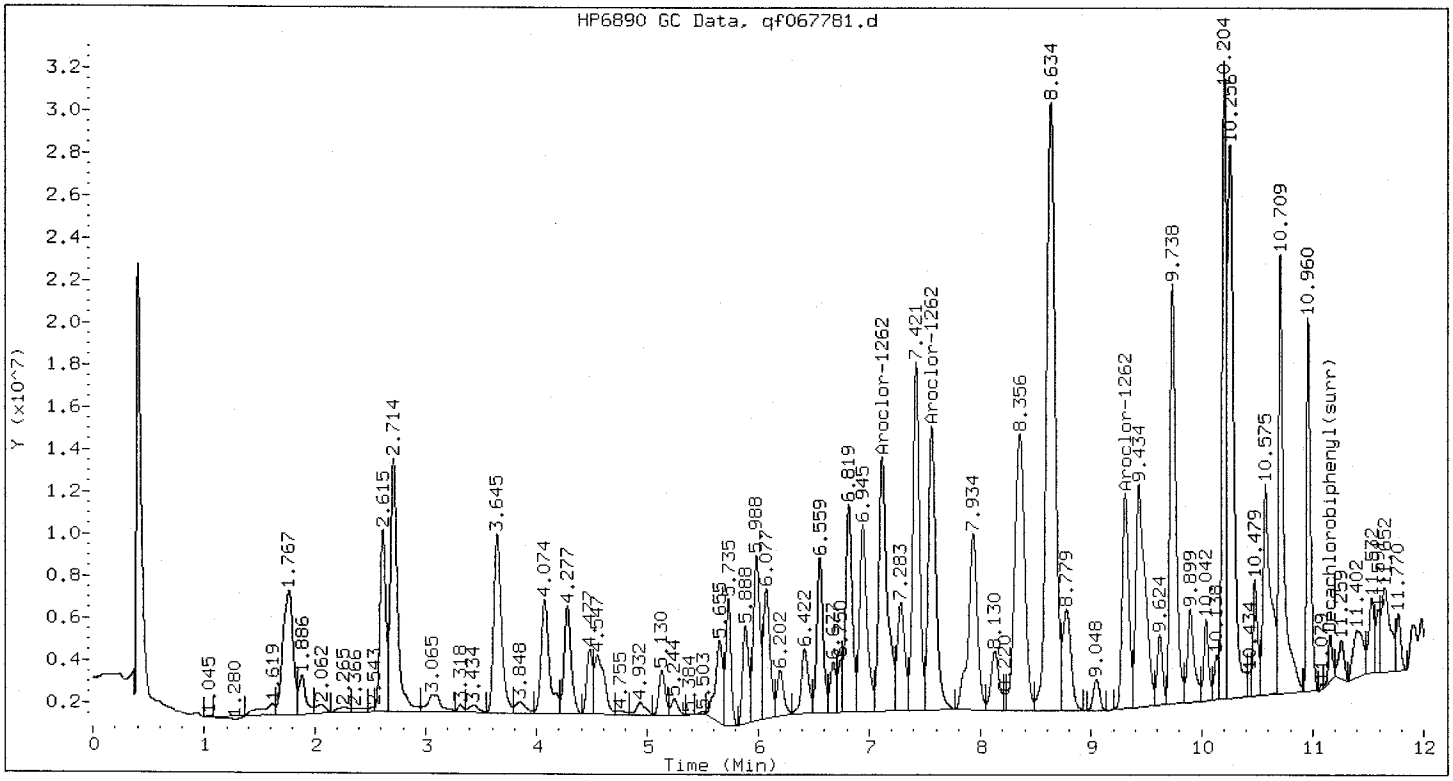
Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/06Qr8082.m
Sample Info : 884987;4045104
Lab ID : 884987
Inj Date : 20-DEC-2007 09:27
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	(M)	5.271	5.277	0.006	32232891	2301.044	13895.193
(2)		------	5.500	------	------	------	------ (*)
(3)		6.381	6.392	0.011	21164184	912.505	5510.294
(4)		------	6.583	------	------	------	------ (*)
(5)		6.989	7.003	0.014	41190290	1531.170	9246.195
(6)		8.234	8.249	0.016	23637730	1235.916	7463.261
(7)		------	8.457	------	------	------	------ (*)
(8)		------	9.612	------	------	------	------ (*)
Average of peak concentrations:							9000.00
Decachlorobiphenyl(surr)		10.214	10.208	0.005	5331300	17.396	105.046

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



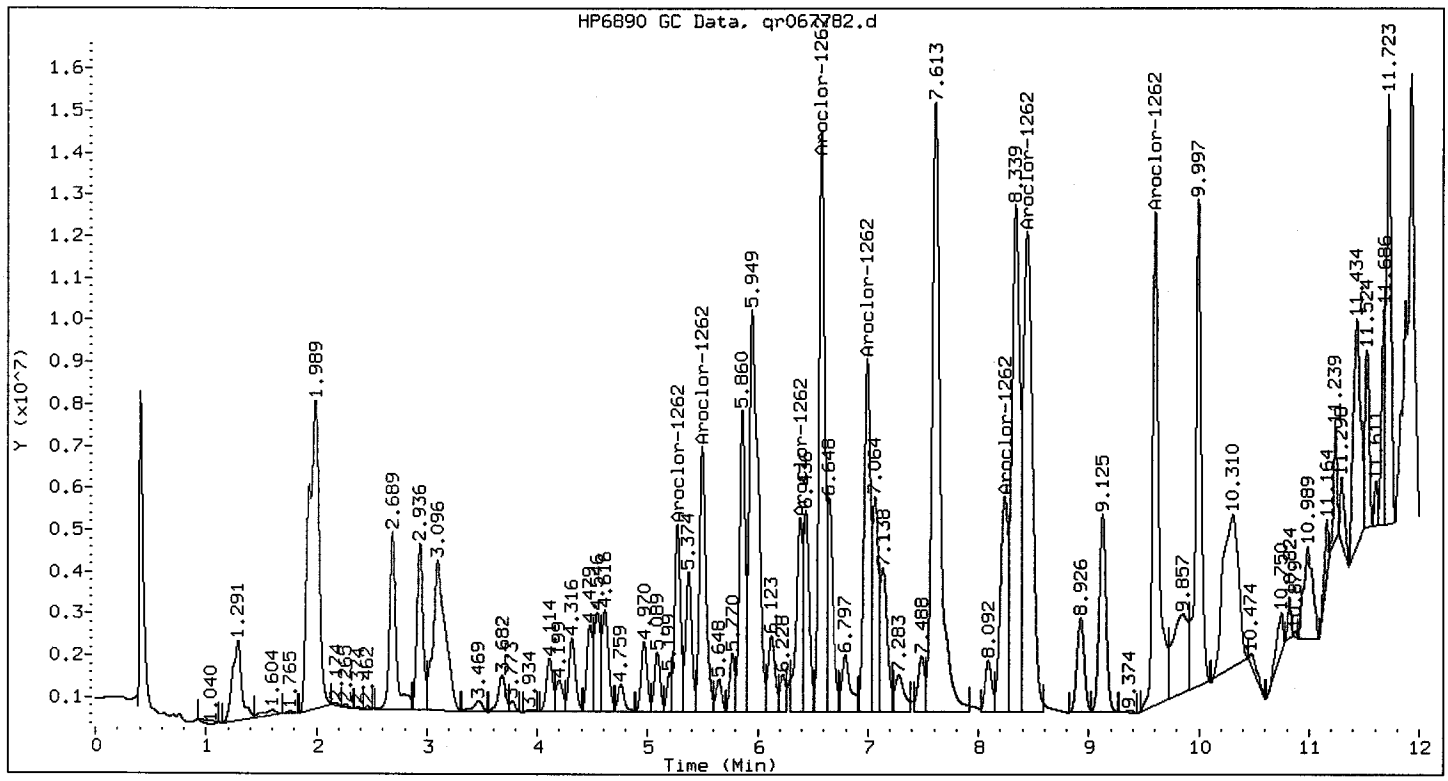
Method : /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b/06Qf8082.m
Sample Info : 884987;4045104
Lab ID : 884987
Inj Date : 20-DEC-2007 09:27
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	(M)	7.117	7.136	0.019	63350999	2314.639	13977.288	
(2)		7.561	7.578	0.017	63071025	1924.479	11621.253	
(3)		------	8.657	------	------	------	------	(*)
(4)		9.309	9.323	0.013	42342819	1200.992	7252.369	
(5)		------	10.213	------	------	------	------	(*)
(6)		------	10.261	------	------	------	------	(*)
(7)		------	10.709	------	------	------	------	(*)
(8)		------	10.957	------	------	------	------	(*)
Average of peak concentrations:							11000.00	
Decachlorobiphenyl(surr)		11.157	11.137	0.020	5555873	18.980	114.615	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

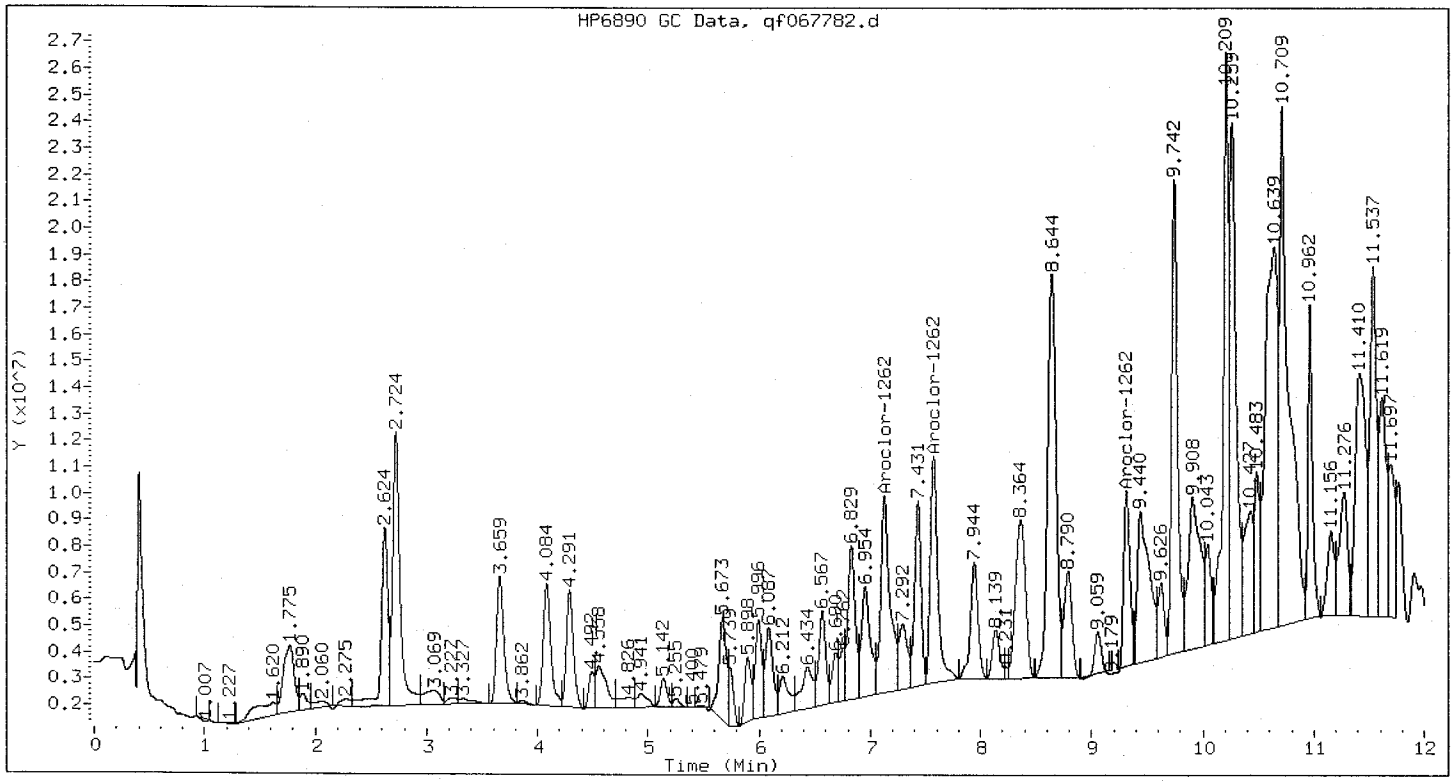


Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/06Qr8082.m
Sample Info : 884988;4045106
Lab ID : 884988
Inj Date : 20-DEC-2007 09:43
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 20
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1262	5.272	5.277	0.005	17049715	1217.146	30390.669
(2)	5.497	5.500	0.003	26417084	1382.921	34529.858
(3)	6.383	6.392	0.009	17768388	766.093	19128.420
(4)	6.579	6.583	0.003	52227430	1659.426	41433.858
(5)	6.994	7.003	0.010	33916459	1260.779	31480.130
(6)	8.240	8.249	0.009	23234201	1214.817	30332.514
(7)	8.441	8.457	0.016	68602130	2295.426	57314.009
(8)	9.604	9.612	0.007	46511065	2178.790	54401.759

Average of peak concentrations: 37000.00



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b/06Qf8082.m
Sample Info : 884988;4045106
Lab ID : 884988
Inj Date : 20-DEC-2007 09:43
Operator : 615
Cpnd Sublist: PCB8082+

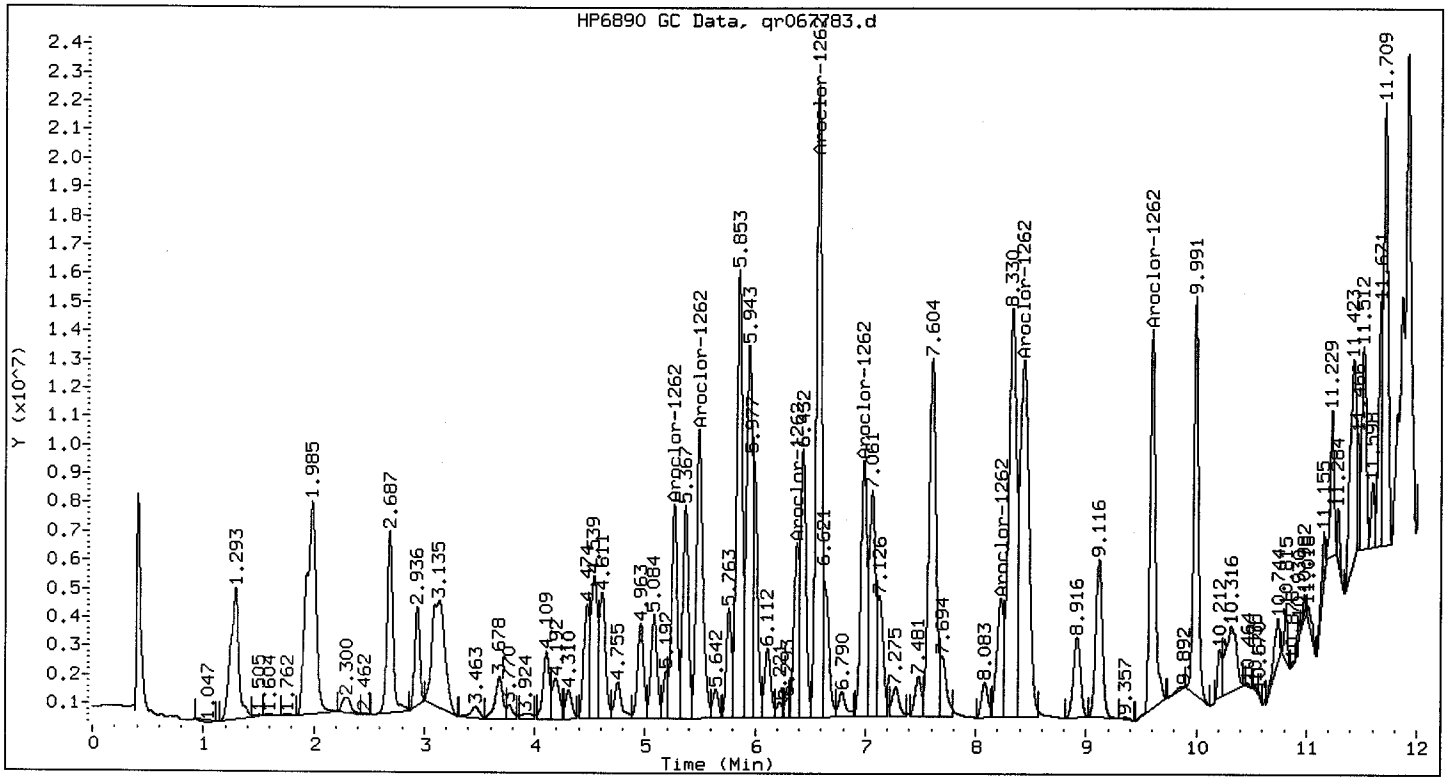
Inst ID : PESTGC8.i
Dil Factor : 20
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	7.128	7.136	0.008	43307600	1582.318	39508.577	
(2)	7.571	7.578	0.007	41391824	1262.984	31535.189	
(3)	------	8.657	------	------	------	------	(*)
(4)	9.315	9.323	0.007	26362827	747.743	18670.241	
(5)	------	10.213	------	------	------	------	(*)
(6)	------	10.261	------	------	------	------	(*)
(7)	------	10.709	------	------	------	------	(*)
(8)	------	10.957	------	------	------	------	(*)

Average of peak concentrations: 30000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b/06Qr8082.m
Sample Info : 884989;4045108
Lab ID : 884989
Inj Date : 20-DEC-2007 09:58
Operator : 615
Cpnd Sublist: PCB8082+

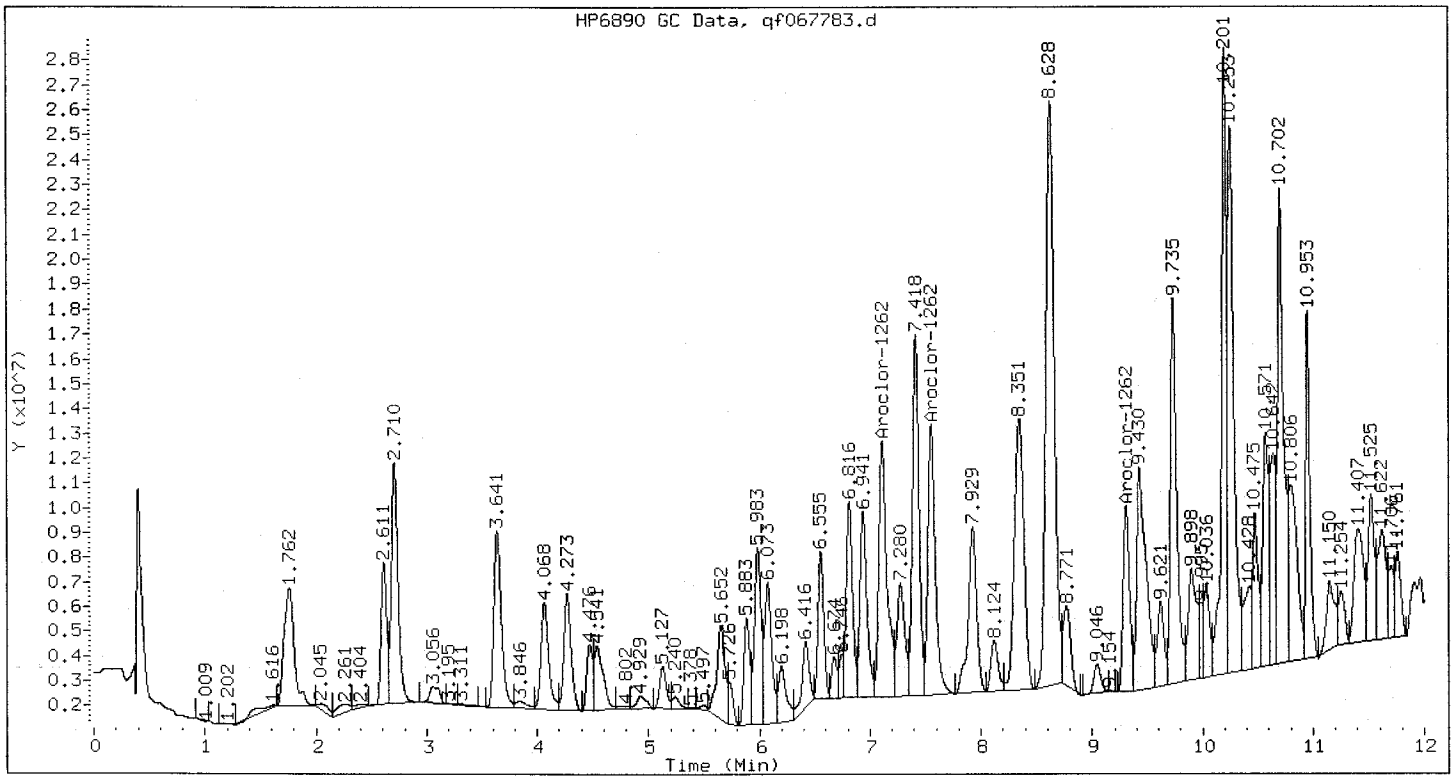
Inst ID : PESTGC8.i
Dil Factor : 20
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	(M)	5.266	5.277	0.011	27393440	1955.565	48196.300
(2)		5.491	5.500	0.010	41624222	2179.007	53703.184
(3)		6.376	6.392	0.015	18123182	781.390	19257.926
(4)		6.573	6.583	0.010	76531408	2431.638	59929.467
(5)		6.985	7.003	0.019	33510020	1245.671	30700.447
(6)		8.227	8.249	0.022	17550613	917.647	22616.060
(7)		8.433	8.457	0.024	72011448	2409.502	59383.901
(8)		9.599	9.612	0.013	44442093	2081.870	51309.189

Average of peak concentrations: 43000.00

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07b.b/06Qf8082.m
Sample Info : 884989;4045108
Lab ID : 884989
Inj Date : 20-DEC-2007 09:58
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i
Dil Factor : 20
Sample Matrix : SOIL
Sample Type: SAMPLE

1/9/08

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	(M)	7.115	7.136	0.021	53341190	1948.913	48032.364	
(2)		7.556	7.578	0.022	51314823	1565.764	38589.371	
(3)		------	8.657	------	------	------	------	(*)
(4)		9.306	9.323	0.016	30828067	874.393	21550.048	
(5)		------	10.213	------	------	------	------	(*)
(6)		------	10.261	------	------	------	------	(*)
(7)		------	10.709	------	------	------	------	(*)
(8)		------	10.957	------	------	------	------	(*)

Average of peak concentrations: 36000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07c.b/qr067788.d
Method: /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07c.b/06Qr8082.m

Sample Information: SG1660L3_00003 C
Injection Date: 20-DEC-2007 11:49

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.766	1000	1085.08	8.51
Aroclor-1016	2	2.165	1000	1089.60	8.96
Aroclor-1016	3	2.393	1000	1128.19	12.82
Aroclor-1016	4	2.720	1000	1097.37	9.74
Aroclor-1016	5	2.895	1000	1169.35	16.93<-
Aroclor-1016	6	2.970	1000	1014.24	1.42
Aroclor-1016	7	3.472	1000	1111.46	11.15
Aroclor-1016	8	3.619	1000	1088.61	8.86
Aroclor-1260	1	5.496	1000	1129.89	12.99
Aroclor-1260	2	5.947	1000	1109.32	10.93
Aroclor-1260	3	6.386	1000	1133.01	13.30
Aroclor-1260	4	6.577	1000	1062.59	6.26
Aroclor-1260	5	6.993	1000	1164.70	16.47<-
Aroclor-1260	6	8.235	1000	1191.33	19.13<-
Aroclor-1260	7	8.442	1000	1166.04	16.60<-
Aroclor-1260	8	9.602	1000	1274.41	27.44<-

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.387	100	109.07	9.07
Decachlorobiphenyl(sur	10.208	100	119.40	19.40<-

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b/qr067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07c.b/qr067788.d
Injection Date: 20-DEC-2007 11:49

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	1.755	(1.685 - 1.825)	1.766	
	2.155	(2.085 - 2.225)	2.165	
	2.384	(2.314 - 2.454)	2.393	
	2.713	(2.645 - 2.785)	2.720	
	2.888	(2.818 - 2.958)	2.895	
	2.963	(2.893 - 3.033)	2.970	
	3.465	(3.395 - 3.535)	3.472	
	3.613	(3.543 - 3.683)	3.619	
Aroclor-1260	5.495	(5.425 - 5.565)	5.496	
	5.948	(5.878 - 6.018)	5.947	
	6.387	(6.317 - 6.457)	6.386	
	6.578	(6.508 - 6.648)	6.577	
	6.998	(6.928 - 7.068)	6.993	
	8.243	(8.173 - 8.313)	8.235	
	8.453	(8.383 - 8.523)	8.442	
	9.609	(9.539 - 9.679)	9.602	
Tetrachloro-m-xylene(surr)	1.376	(1.326 - 1.426)	1.387	
Decachlorobiphenyl(surr)	10.214	(10.114 - 10.314)	10.208	

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07c.b/qf067788.d
Method: /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07c.b/06Qf8082.m

Sample Information: SG1660L3_00003 C
Injection Date: 20-DEC-2007 11:49

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.537	1000	1105.28	10.53
Aroclor-1016	2	3.100	1000	1076.31	7.63
Aroclor-1016	3	3.475	1000	1034.77	3.48
Aroclor-1016	4	3.877	1000	1056.09	5.61
Aroclor-1016	5	4.122	1000	1094.41	9.44
Aroclor-1016	6	4.557	1000	1085.87	8.59
Aroclor-1016	7	4.944	1000	1060.19	6.02
Aroclor-1016	8	5.154	1000	1092.89	9.29
Aroclor-1260	1	7.126	1000	1116.32	11.63
Aroclor-1260	2	7.566	1000	1083.26	8.33
Aroclor-1260	3	8.387	1000	1173.85	17.38<-
Aroclor-1260	4	8.640	1000	1160.09	16.01<-
Aroclor-1260	5	8.786	1000	1132.24	13.22
Aroclor-1260	6	9.309	1000	1062.52	6.25
Aroclor-1260	7	10.206	1000	1239.98	24.00<-
Aroclor-1260	8	10.702	1000	1305.28	30.53<-

12/20/7

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.898	100	112.20	12.20
Decachlorobiphenyl(sur	11.143	100	119.12	19.12<-

GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-14-07ical/14dec07icalc.b/qf067488.d
Injection Date: 14-DEC-2007 19:08

Continuing Calibration File: /chem1/PESTGC8.i/8082/front/Dec07/12-19-07/19dec07c.b/qf067788.d
Injection Date: 20-DEC-2007 11:49

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.517	(2.447 - 2.587)	2.537	
	3.082	(3.012 - 3.152)	3.100	
	3.454	(3.384 - 3.524)	3.475	
	3.859	(3.789 - 3.929)	3.877	
	4.104	(4.034 - 4.174)	4.122	
	4.544	(4.474 - 4.614)	4.557	
	4.933	(4.863 - 5.003)	4.944	
	5.144	(5.074 - 5.214)	5.154	
Aroclor-1260	7.124	(7.054 - 7.194)	7.126	
	7.565	(7.495 - 7.635)	7.566	
	8.387	(8.317 - 8.457)	8.387	
	8.642	(8.572 - 8.712)	8.640	
	8.789	(8.719 - 8.859)	8.786	
	9.312	(9.242 - 9.382)	9.309	
	10.211	(10.141 - 10.281)	10.206	
	10.709	(10.639 - 10.779)	10.702	
Tetrachloro-m-xylene(surr)	1.876	(1.826 - 1.926)	1.898	
Decachlorobiphenyl(surr)	11.154	(11.054 - 11.254)	11.143	

GC ORGANICS INITIAL CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

Calibration Files:

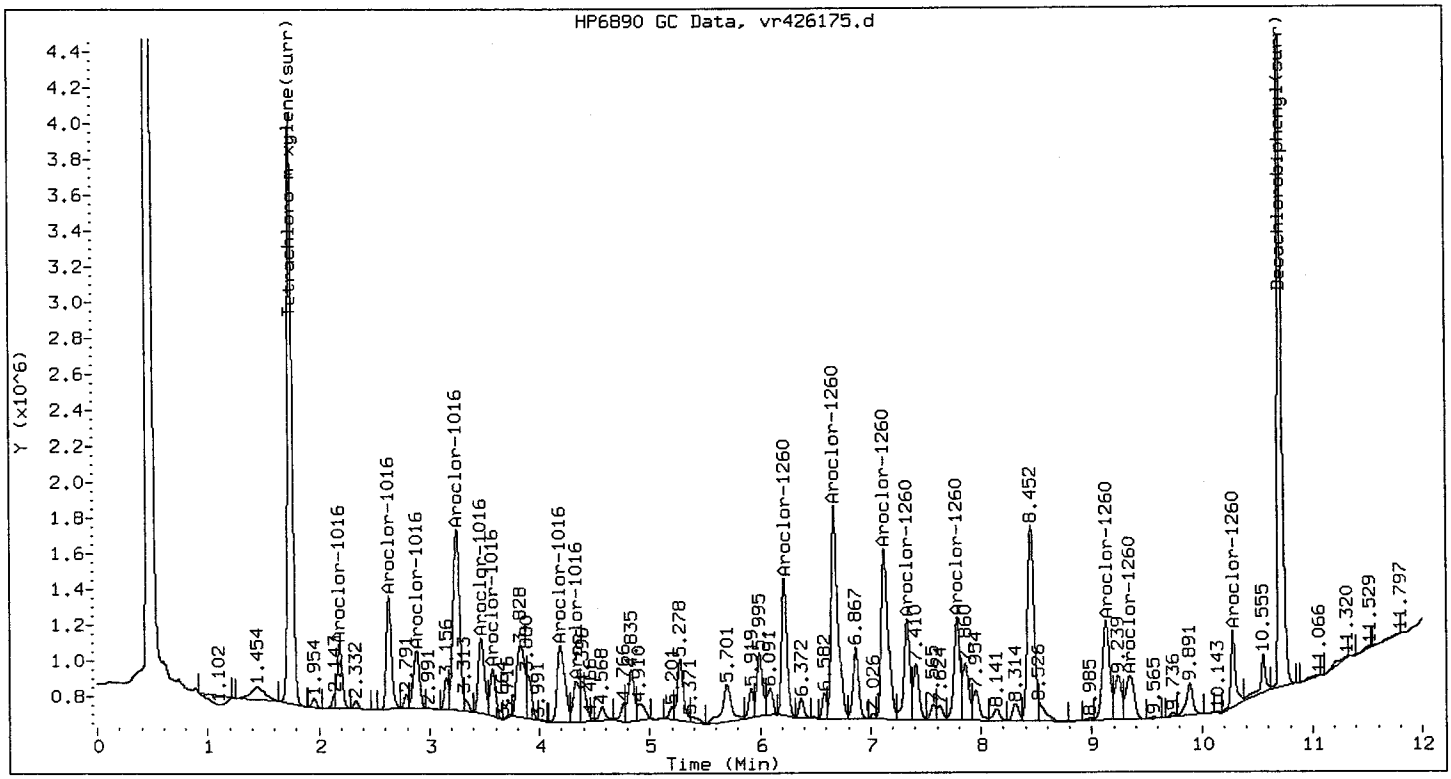
/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426175.d
/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426176.d
/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426178.d
/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426179.d

Compound		Level 1	Level 2	Level 3	Level 4	Level 5	Coefficients a0	Coefficients a1	Coefficients a2	%RSD or R^2
Aroclor-1016	1	11583.38	9286.73	9058.32	8990.51	7649.71		9313.73		15.27001
	2	21284.11	17332.76	15387.37	15264.93	13003.80		16454.60		18.86855
	3	12393.20	10629.55	10143.70	10334.67	8987.33		10497.69		11.70893
	4	43075.43	37343.09	31900.47	31803.96	27245.49		34273.69		17.74877
	5	16464.95	16143.60	14051.72	14509.93	12538.25		14741.69		10.89584
	6	9460.29	9461.48	8450.61	9156.76	8117.68		8929.36		6.86884
	7	20653.14	16826.38	14604.64	14687.46	12755.42		15905.41		18.98867
	8	8577.19	7535.22	7037.37	6504.22	6150.41		7160.88		13.27313
Aroclor-1260	1	27734.97	21643.42	20646.70	20574.71	17649.09		21649.78		17.15831
	2	48210.69	37771.61	36248.94	36395.45	31272.06		37979.75		16.40151
	3	41732.11	35136.68	34531.40	35281.46	30588.24		35453.98		11.28857
	4	21178.02	17600.65	17209.57	17552.09	15134.30		17734.93		12.27142
	5	22448.28	18362.90	18030.79	18537.51	15980.54		18672.00		12.56831
	6	25568.21	22810.36	22574.84	23382.07	20473.55		22961.80		7.95144
	7	12781.94	11723.62	11680.43	12190.19	10754.85		11826.21		6.30722
	8	11826.30	10037.41	10306.98	10469.40	9239.53		10375.92		9.04490
Tetrachloro-m-xylene		381813.40	370792.78	323574.10	330119.12	310926.27		343445.13		9.03315
Decachlorobiphenyl(s		393788.52	356724.06	303152.09	300274.62	281047.76		326997.41		14.29393

Comments:

* = %RSD exceeded maximum upper limit. Non-linear curve used for quantitation.

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1660L1_00003A
Lab ID : SG1660L1_00003A
Inj Date : 14-DEC-2007 09:45
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_1

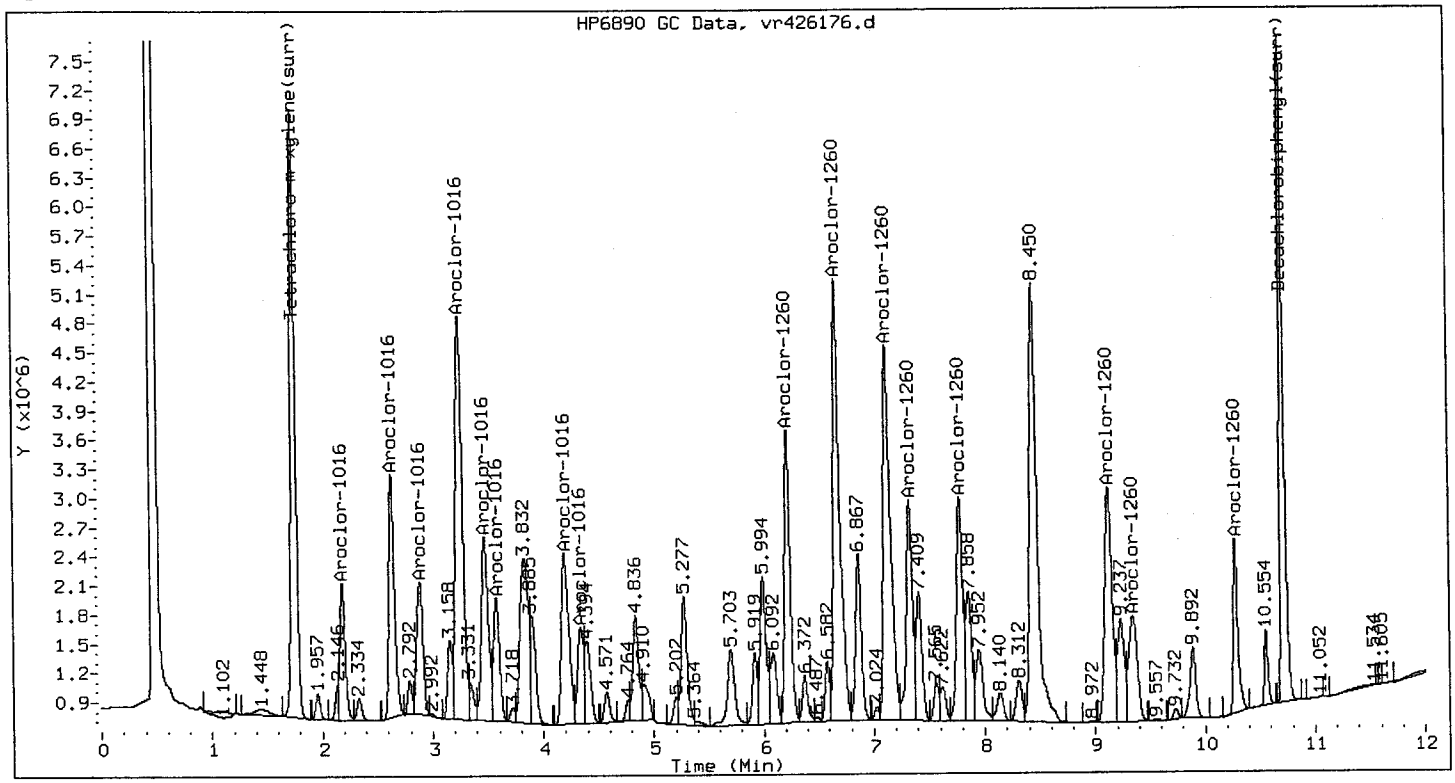
12-17-07

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.186	2.186	0.000	1158338	124.369	124.369
(2)		2.633	2.634	0.001	2128411	129.351	129.351
(3)		2.886	2.888	0.001	1239320	118.056	118.056
(4)		3.249	3.250	0.001	4307543	125.681	125.681
(5)		3.470	3.471	0.001	1646495	111.690	111.690
(6)		3.575	3.576	0.001	946029	105.946	105.946
(7)		4.190	4.191	0.001	2065314	129.850	129.850
(8)		4.334	4.336	0.002	857719	119.778	119.778
Average of peak concentrations:							120.00
Aroclor-1260	(M)	6.221	6.221	0.000	2614737	122.572	122.572
(2)		6.672	6.672	0.001	4821069	126.938	126.938
(3)		7.123	7.123	0.000	4173211	117.708	117.708
(4)		7.329	7.328	0.001	2117802	119.414	119.414
(5)		7.783	7.784	0.001	2244828	120.224	120.224
(6)		9.131	9.131	0.000	2556821	111.351	111.351

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.349	9.348	0.001	1278194	108.081	108.081
(8)	10.280	10.281	0.001	1182630	113.978	113.978
Average of peak concentrations:						120.00
Tetrachloro-m-xylene(surr)	1.749	1.750	0.001	9545335	27.793	27.793
Decachlorobiphenyl(surr)	10.713	10.713	0.001	9844713	30.106	30.106

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1660L2_00003A
Lab ID : SG1660L2_00003A
Inj Date : 14-DEC-2007 10:00
Operator : 615
Cpnd Sublist: AR16600S 12-17-07

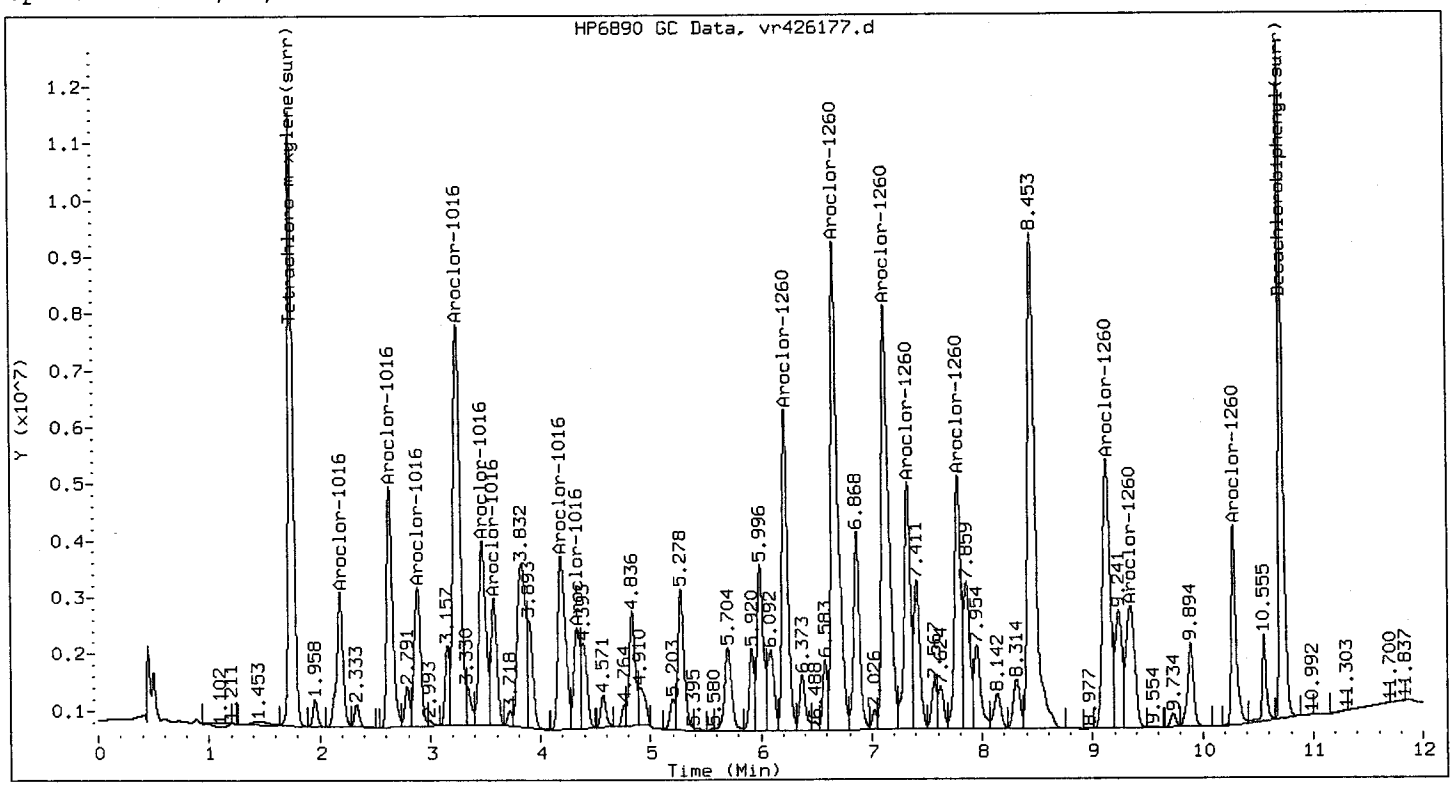
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_2

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.186	2.186	0.000	4643365	498.550	498.550
(2)		2.635	2.634	0.001	8666380	526.685	526.685
(3)		2.889	2.888	0.002	5314777	506.281	506.281
(4)		3.251	3.250	0.001	18671543	544.778	544.778
(5)		3.472	3.471	0.001	8071799	547.549	547.549
(6)		3.577	3.576	0.002	4730738	529.796	529.796
(7)		4.192	4.191	0.001	8413191	528.952	528.952
(8)		4.336	4.336	0.000	3767610	526.138	526.138
Average of peak concentrations:							530.00
Aroclor-1260		6.220	6.221	0.001	10821708	507.293	507.293
(2)		6.671	6.672	0.001	18885803	497.260	497.260
(3)		7.122	7.123	0.002	17568341	495.525	495.525
(4)		7.327	7.328	0.001	8800324	496.214	496.214
(5)		7.782	7.784	0.003	9181448	491.723	491.723
(6)		9.127	9.131	0.003	11405179	496.702	496.702

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.347	9.348	0.002	5861812	495.663	495.663
(8)	10.279	10.281	0.002	5018703	483.687	483.687
Average of peak concentrations:						500.00
Tetrachloro-m-xylene(surr)	1.751	1.750	0.001	18539639	53.981	53.981
Decachlorobiphenyl(surr)	10.712	10.713	0.000	17836203	54.545	54.545

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1660L3_00003C
Lab ID : SG1660L3_00003C
Inj Date : 14-DEC-2007 10:15
Operator : 615 12-17-07
Cpnd Sublist: AR16600S

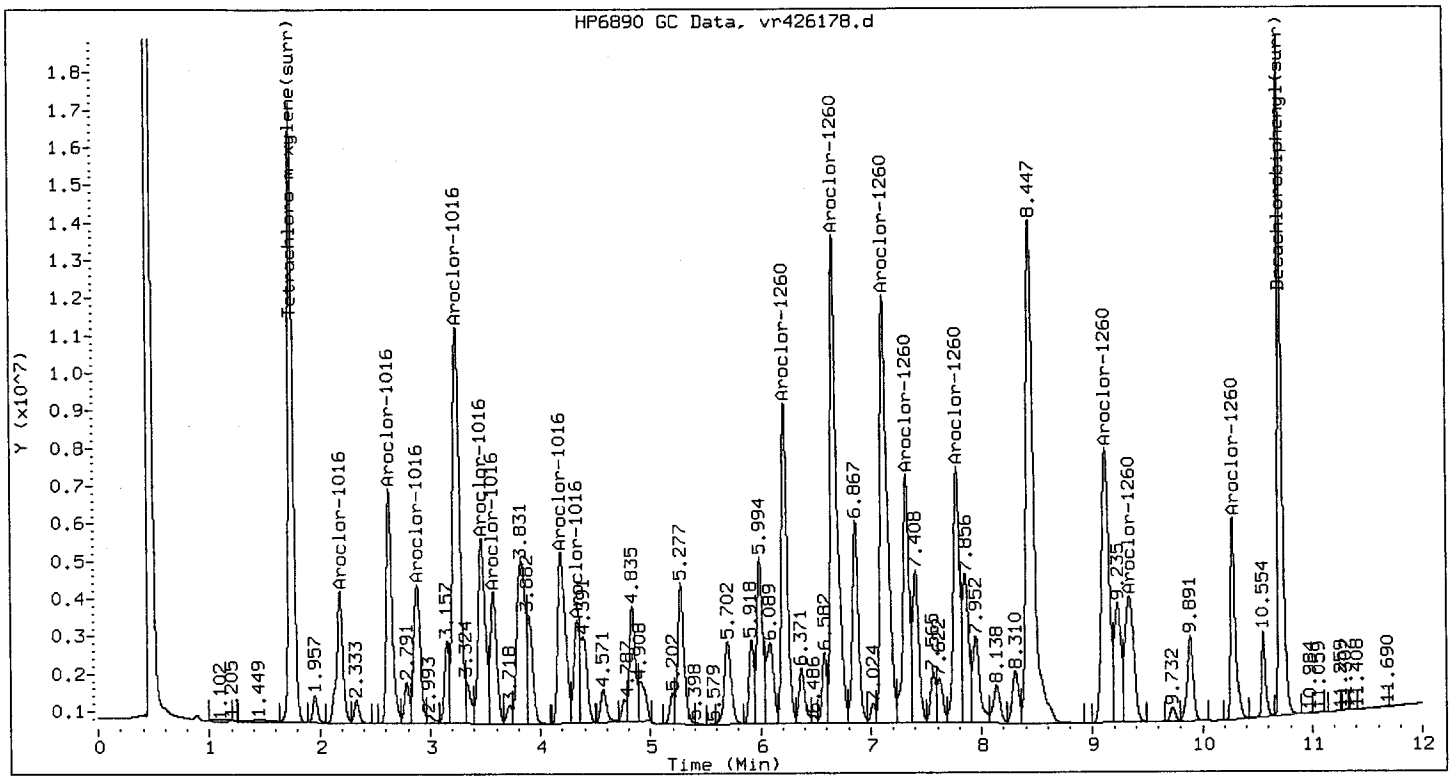
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.186	2.186	0.000	9058324	972.577	972.577
(2)		2.634	2.634	0.000	15387370	935.141	935.141
(3)		2.888	2.888	0.000	10143702	966.279	966.279
(4)		3.250	3.250	0.000	31900473	930.757	930.757
(5)		3.471	3.471	0.000	14051721	953.196	953.196
(6)		3.576	3.576	0.000	8450610	946.384	946.384
(7)		4.191	4.191	0.000	14604640	918.219	918.219
(8)		4.336	4.336	0.000	7037368	982.752	982.752
Average of peak concentrations:							950.00
Aroclor-1260		6.221	6.221	0.000	20646702	967.863	967.863
(2)		6.672	6.672	0.000	36248939	954.428	954.428
(3)		7.123	7.123	0.000	34531400	973.978	973.978
(4)		7.328	7.328	0.000	17209568	970.377	970.377
(5)		7.784	7.784	0.000	18030786	965.659	965.659
(6)		9.131	9.131	0.000	22574837	983.147	983.147

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.348	9.348	0.000	11680431	987.673	987.673
(8)	10.281	10.281	0.000	10306981	993.356	993.356
Average of peak concentrations:						970.00
Tetrachloro-m-xylene(surr)	1.750	1.750	0.000	32357410	94.214	94.214
Decachlorobiphenyl(surr)	10.713	10.713	0.000	30315209	92.708	92.708

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1660L4_00003C
Lab ID : SG1660L4_00003C
Inj Date : 14-DEC-2007 10:30
Operator : 615
Cpnd Sublist: AR16600S

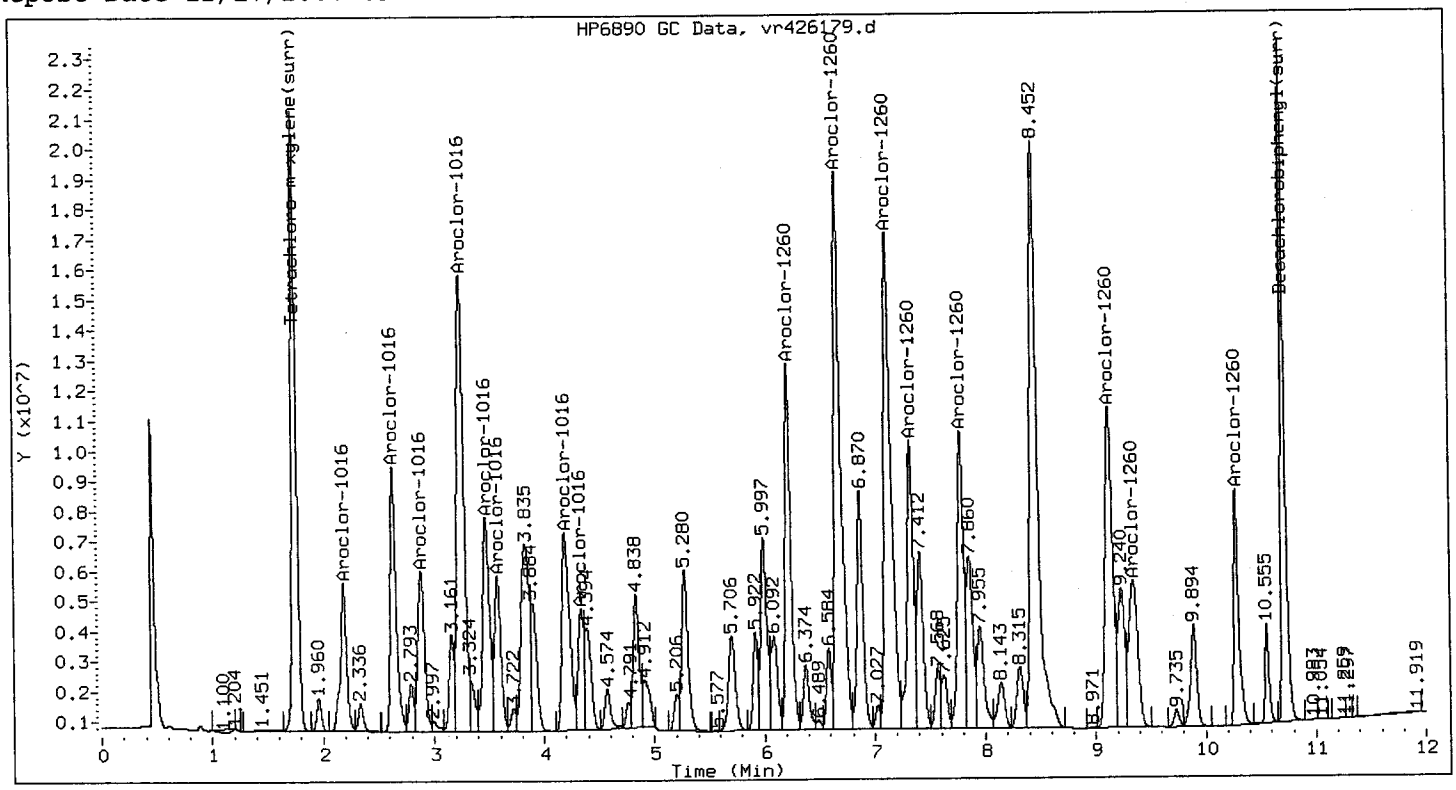
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_4

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.186	2.186	0.000	13485766	1447.944	1447.944
(2)		2.634	2.634	0.000	22897398	1391.550	1391.550
(3)		2.888	2.888	0.001	15502003	1476.706	1476.706
(4)		3.250	3.250	0.000	47705939	1391.912	1391.912
(5)		3.471	3.471	0.000	21764895	1476.418	1476.418
(6)		3.577	3.576	0.001	13735145	1538.200	1538.200
(7)		4.190	4.191	0.001	22031186	1385.138	1385.138
(8)		4.336	4.336	0.000	9756333	1362.449	1362.449
Average of peak concentrations:							1400.00
Aroclor-1260		6.219	6.221	0.002	30862068	1446.732	1446.732
(2)		6.670	6.672	0.002	54593170	1437.428	1437.428
(3)		7.121	7.123	0.003	52922183	1492.701	1492.701
(4)		7.326	7.328	0.003	26328139	1484.536	1484.536
(5)		7.780	7.784	0.004	27806272	1489.196	1489.196
(6)		9.126	9.131	0.005	35073110	1527.454	1527.454

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)	9.344	9.348	0.004	18285291	1546.167	1546.167
(8)	10.278	10.281	0.003	15704096	1513.513	1513.513
Average of peak concentrations:						1500.00
Tetrachloro-m-xylene(surr)	1.750	1.750	0.000	49517868	144.180	144.180
Decachlorobiphenyl(surr)	10.712	10.713	0.001	45041193	137.742	137.742

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1660L5_00003C
Lab ID : SG1660L5_00003C
Inj Date : 14-DEC-2007 10:46
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_5

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.187	2.186	0.002	19124282	2053.343	2053.343
(2)		2.637	2.634	0.002	32509496	1975.709	1975.709
(3)		2.891	2.888	0.003	22468333	2140.312	2140.312
(4)		3.253	3.250	0.003	68113713	1987.347	1987.347
(5)		3.474	3.471	0.003	31345628	2126.325	2126.325
(6)		3.580	3.576	0.004	20294212	2272.750	2272.750
(7)		4.194	4.191	0.003	31888549	2004.887	2004.887
(8)		4.339	4.336	0.003	15376016	2147.224	2147.224
Average of peak concentrations:							2100.00
Aroclor-1260		6.222	6.221	0.001	44122715	2068.357	2068.357
(2)		6.672	6.672	0.001	78180144	2058.469	2058.469
(3)		7.123	7.123	0.000	76470606	2156.898	2156.898
(4)		7.329	7.328	0.001	37835761	2133.404	2133.404
(5)		7.784	7.784	0.000	39951342	2139.639	2139.639
(6)		9.130	9.131	0.001	51183863	2229.087	2229.087

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.349	9.348	0.001	26887116	2273.520	2273.520
(8)	10.281	10.281	0.000	23098827	2226.195	2226.195
Average of peak concentrations:						2200.00
Tetrachloro-m-xylene(surr)	1.752	1.750	0.002	62185254	181.063	181.063
Decachlorobiphenyl(surr)	10.712	10.713	0.000	56209551	171.896	171.896

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS INITIAL CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

Calibration Files:

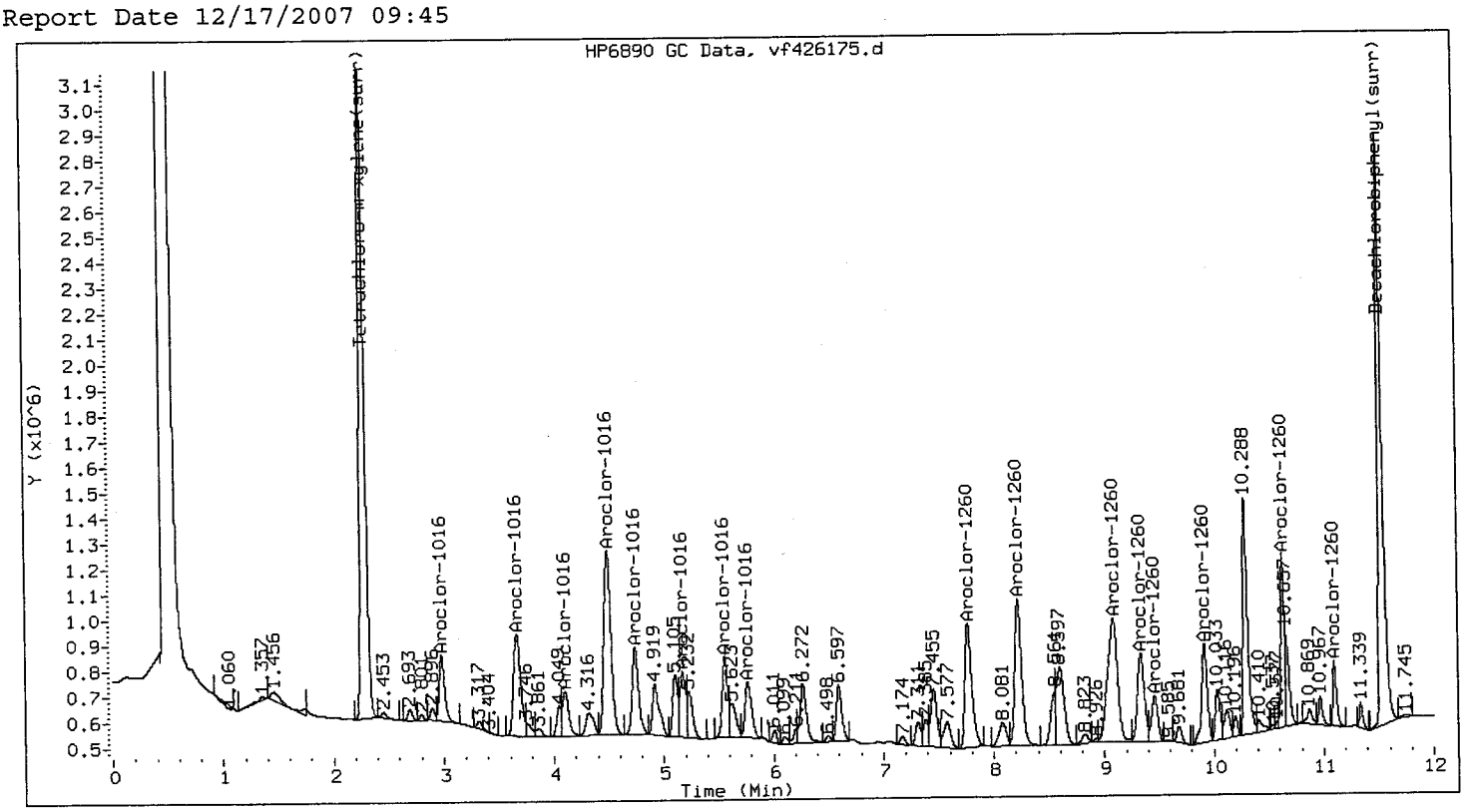
/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426175.d
/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426176.d
/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426178.d
/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426179.d

Compound		Level 1	Level 2	Level 3	Level 4	Level 5	Coefficients a0	Coefficients a1	Coefficients a2	%RSD or R^2
Aroclor-1016	1	8858.47	8234.93	7114.58	7140.50	6180.95		7505.89		13.97802
	2	18459.20	18103.17	16003.20	16111.42	13747.75		16484.95		11.50176
	3	6943.60	6549.34	6409.82	6606.64	5665.90		6435.06		7.34392
	4	32862.22	30869.87	28169.66	28720.58	24540.51		29032.57		10.76377
	5	13573.27	12770.51	12275.82	12616.13	10557.46		12358.64		9.01247
	6	9271.51	8623.40	7770.91	8061.33	6885.38		8122.51		11.06142
	7	11191.66	10104.98	9052.64	9238.54	7719.07		9461.38		13.63855
	8	8929.66	9137.85	8573.52	9230.33	7807.77		8735.83		6.60408
Aroclor-1260	1	21001.82	18988.55	18972.82	19610.64	17155.78		19145.92		7.23525
	2	24957.95	22014.96	21658.69	22338.83	19521.10		22098.31		8.78572
	3	31111.38	29641.05	29967.76	31372.21	27851.34		29988.75		4.67559
	4	15073.00	14130.62	13967.87	14399.97	12676.53		14049.60		6.23421
	5	6940.75	7488.46	7652.87	7935.46	7178.56		7439.22		5.25258
	6	13856.82	13483.47	13683.75	14518.70	12932.87		13695.12		4.21107
	7	15736.09	14725.64	14348.51	15793.99	12783.96		14677.64		8.38813
	8	5792.90	5600.22	5731.15	6171.71	5672.18		5793.63		3.84989
Tetrachloro-m-xylene		329407.52	333507.48	307583.83	323274.62	307723.35		320299.36		3.77922
Decachlorobiphenyl(s		257822.96	246061.36	216980.50	222850.93	211980.99		231139.35		8.57373

Comments:

* = %RSD exceeded maximum upper limit. Non-linear curve used for quantitation.

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1660L1_00003A
Lab ID : SG1660L1_00003A
Inj Date : 14-DEC-2007 09:45
Operator : 615 12-17-07
Cpnd Sublist: AR16600S

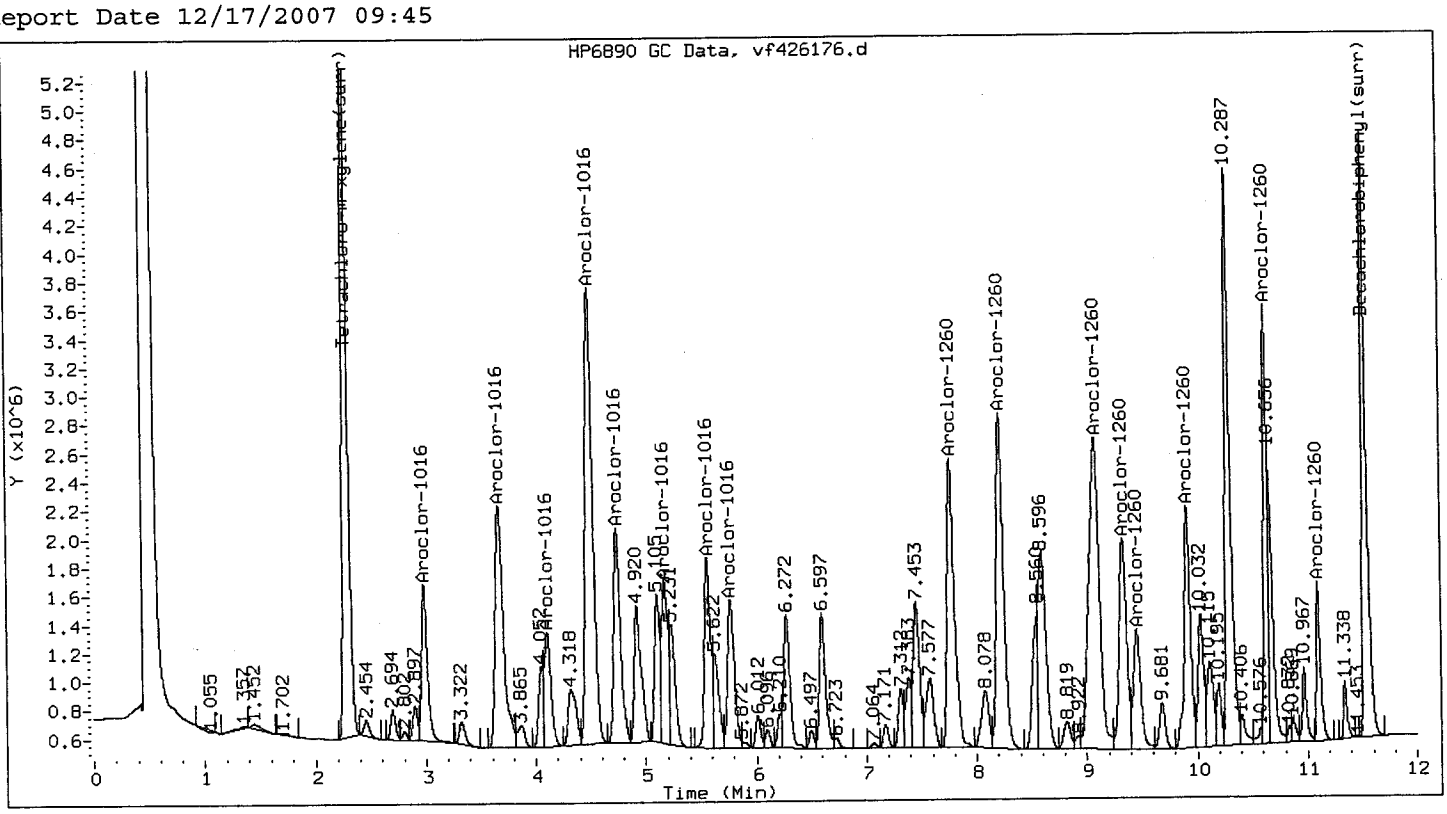
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_1

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.982	2.983	0.000	885847	118.020	118.020
(2)		3.664	3.667	0.003	1845920	111.976	111.976
(3)		4.105	4.107	0.002	694360	107.903	107.903
(4)		4.496	4.498	0.002	3286222	113.191	113.191
(5)		4.741	4.742	0.001	1357327	109.828	109.828
(6)		5.173	5.175	0.002	927151	114.146	114.146
(7)		5.559	5.562	0.003	1119166	118.288	118.288
(8)		5.768	5.770	0.002	892966	102.219	102.219
Average of peak concentrations:							110.00
Aroclor-1260	(M)	7.767	7.768	0.001	2100182	109.693	109.693
(2)		8.222	8.223	0.001	2495795	112.941	112.941
(3)		9.086	9.088	0.002	3111138	103.744	103.744
(4)		9.337	9.338	0.001	1507300	107.284	107.284
(5)		9.461	9.463	0.002	694075	93.299	93.299
(6)		9.916	9.919	0.003	1385682	101.181	101.181

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.631	10.633	0.001	1573609	107.211	107.211
(8)	11.096	11.098	0.001	579290	99.987	99.987
Average of peak concentrations:						100.00
Tetrachloro-m-xylene(surr)	2.280	2.281	0.001	8235188	25.711	25.711
Decachlorobiphenyl(surr)	11.526	11.524	0.002	6445574	27.886	27.886

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1660L2_00003A
Lab ID : SG1660L2_00003A
Inj Date : 14-DEC-2007 10:00
Operator : 615 AS 12-17-07
Cpnd Sublist: AR16600S

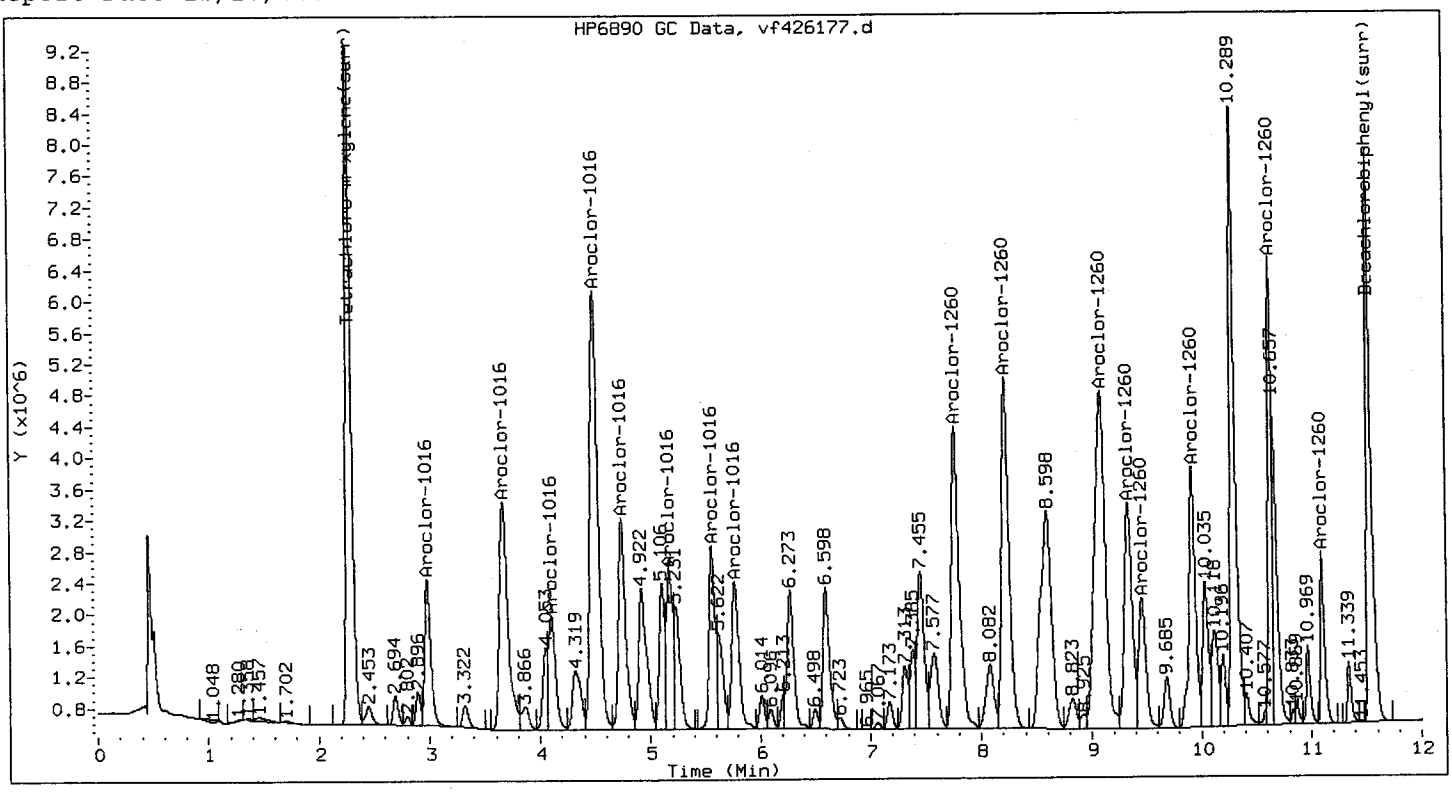
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_2

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.984	2.983	0.002	4117463	548.565	548.565
(2)		3.667	3.667	0.000	9051585	549.082	549.082
(3)		4.107	4.107	0.000	3274669	508.879	508.879
(4)		4.497	4.498	0.001	15434935	531.642	531.642
(5)		4.742	4.742	0.000	6385254	516.663	516.663
(6)		5.174	5.175	0.001	4311701	530.834	530.834
(7)		5.561	5.562	0.001	5052492	534.012	534.012
(8)		5.768	5.770	0.002	4568925	523.010	523.010
Average of peak concentrations:							530.00
Aroclor-1260	(M)	7.767	7.768	0.002	9494277	495.890	495.890
(2)		8.222	8.223	0.002	11007481	498.114	498.114
(3)		9.085	9.088	0.003	14820527	494.203	494.203
(4)		9.335	9.338	0.003	7065308	502.883	502.883
(5)		9.459	9.463	0.003	3744231	503.310	503.310
(6)		9.916	9.919	0.003	6741737	492.273	492.273

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.632	10.633	0.001	7362820	501.635	501.635
(8)	11.097	11.098	0.001	2800112	483.308	483.308
Average of peak concentrations:						500.00
Tetrachloro-m-xylene(surr)	2.281	2.281	0.000	16675374	52.062	52.062
Decachlorobiphenyl(surr)	11.525	11.524	0.001	12303068	53.228	53.228

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1660L3_00003C
Lab ID : SG1660L3_00003C
Inj Date : 14-DEC-2007 10:15
Operator : 615
Cpnd Sublist: AR16600S 12-6-07

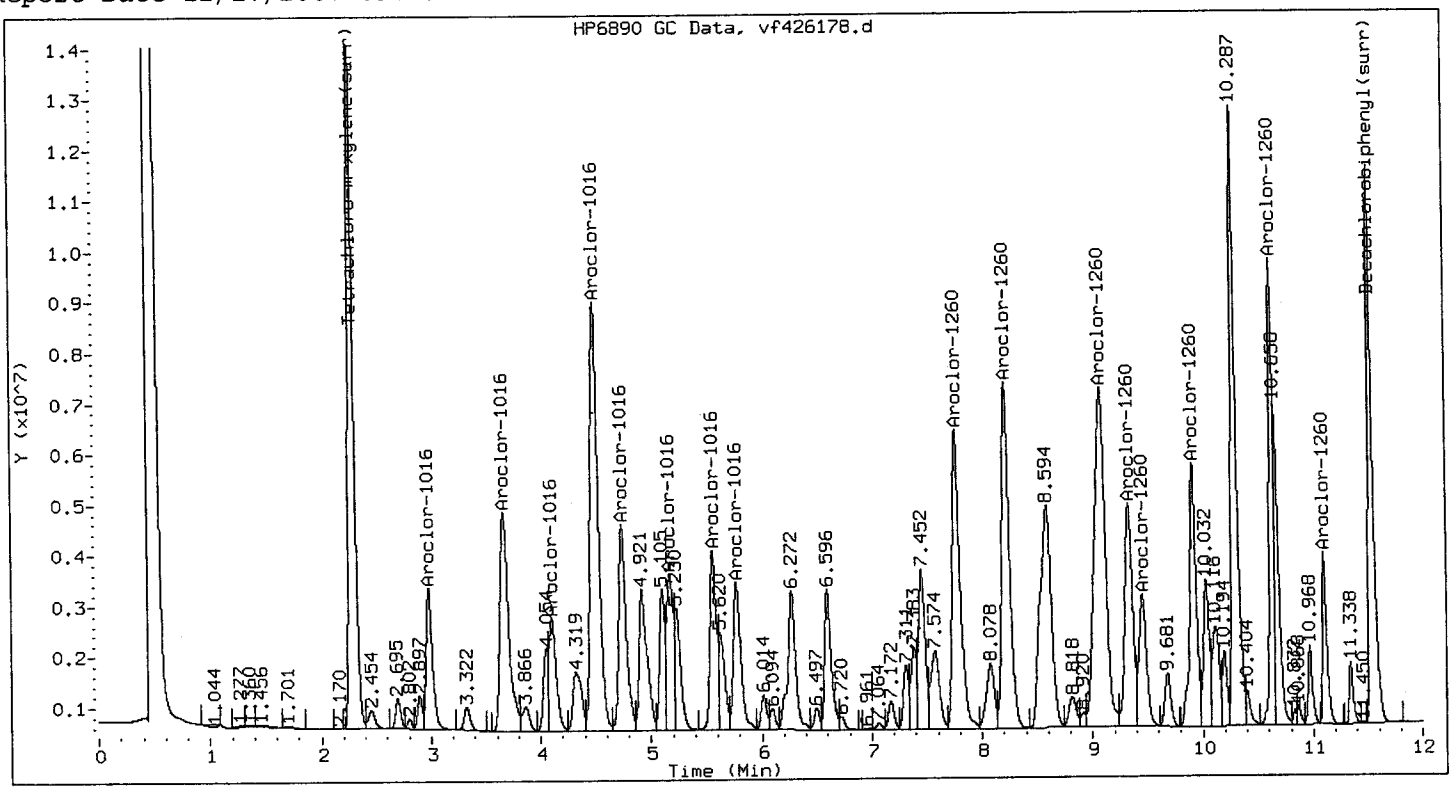
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.983	2.983	0.000	7114577	947.866	947.866
(2)		3.667	3.667	0.000	16003205	970.777	970.777
(3)		4.107	4.107	0.000	6409819	996.078	996.078
(4)		4.498	4.498	0.000	28169658	970.278	970.278
(5)		4.742	4.742	0.000	12275819	993.299	993.299
(6)		5.175	5.175	0.000	7770913	956.714	956.714
(7)		5.562	5.562	0.000	9052636	956.799	956.799
(8)		5.770	5.770	0.000	8573523	981.421	981.421
Average of peak concentrations:							970.00
Aroclor-1260	(M)	7.768	7.768	0.000	18972824	990.959	990.959
(2)		8.223	8.223	0.000	21658689	980.106	980.106
(3)		9.088	9.088	0.000	29967758	999.300	999.300
(4)		9.338	9.338	0.000	13967866	994.183	994.183
(5)		9.463	9.463	0.000	7652870	1028.719	1028.719
(6)		9.919	9.919	0.000	13683755	999.170	999.170

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.633	10.633	0.000	14348512	977.576	977.576
(8)	11.098	11.098	0.000	5731154	989.216	989.216
Average of peak concentrations:						990.00
Tetrachloro-m-xylene(surr)	2.281	2.281	0.000	30758383	96.030	96.030
Decachlorobiphenyl(surr)	11.524	11.524	0.000	21698050	93.874	93.874

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1660L4_00003C
Lab ID : SG1660L4_00003C
Inj Date : 14-DEC-2007 10:30
Operator : 615
Cpnd Sublist: AR16600S

12-17-07

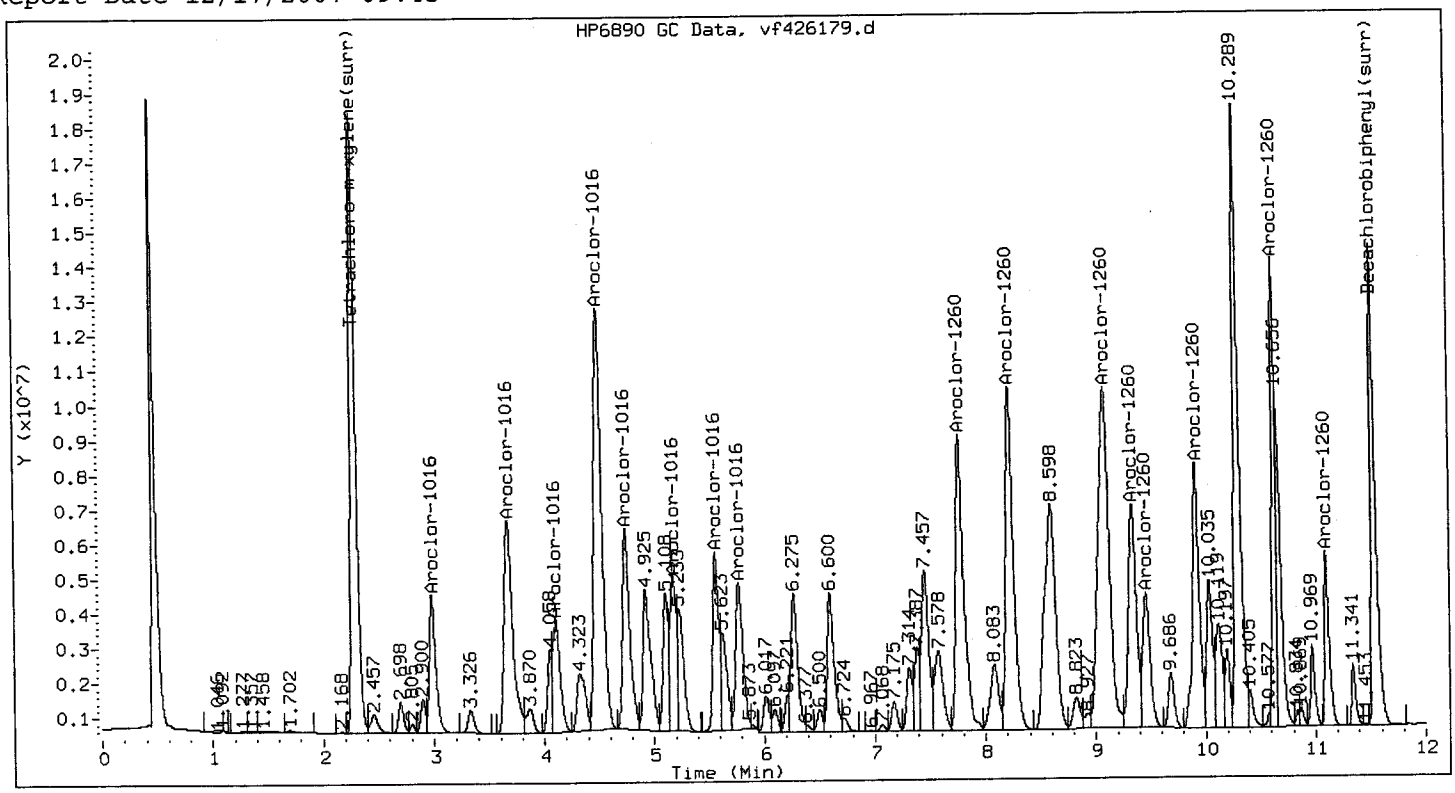
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_4

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.983	2.983	0.001	10710757	1426.981	1426.981
(2)		3.667	3.667	0.000	24167133	1466.012	1466.012
(3)		4.106	4.107	0.001	9909957	1539.995	1539.995
(4)		4.497	4.498	0.001	43080876	1483.881	1483.881
(5)		4.742	4.742	0.000	18924202	1531.253	1531.253
(6)		5.173	5.175	0.002	12092002	1488.703	1488.703
(7)		5.561	5.562	0.001	13857808	1464.671	1464.671
(8)		5.769	5.770	0.001	13845497	1584.910	1584.910
Average of peak concentrations:							1500.00
Aroclor-1260	(M)	7.765	7.768	0.003	29415957	1536.408	1536.408
(2)		8.220	8.223	0.003	33508247	1516.326	1516.326
(3)		9.083	9.088	0.005	47058313	1569.199	1569.199
(4)		9.334	9.338	0.004	21599955	1537.407	1537.407
(5)		9.458	9.463	0.004	11903196	1600.059	1600.059
(6)		9.916	9.919	0.003	21778054	1590.205	1590.205

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.632	10.633	0.001	23690981	1614.087	1614.087
(8)	11.097	11.098	0.001	9257564	1597.885	1597.885
Average of peak concentrations:						1600.00
Tetrachloro-m-xylene(surr)	2.281	2.281	0.000	48491193	151.393	151.393
Decachlorobiphenyl(surr)	11.523	11.524	0.001	33427639	144.621	144.621

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1660L5_00003C
Lab ID : SG1660L5_00003C
Inj Date : 14-DEC-2007 10:46
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_5

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.987	2.983	0.004	15452374	2058.701	2058.701
(2)		3.671	3.667	0.004	34369380	2084.894	2084.894
(3)		4.110	4.107	0.003	14164762	2201.186	2201.186
(4)		4.501	4.498	0.002	61351274	2113.188	2113.188
(5)		4.746	4.742	0.004	26393657	2135.644	2135.644
(6)		5.177	5.175	0.002	17213443	2119.228	2119.228
(7)		5.564	5.562	0.002	19297669	2039.626	2039.626
(8)		5.773	5.770	0.003	19519435	2234.412	2234.412
Average of peak concentrations:							2100.00
Aroclor-1260	(M)	7.769	7.768	0.001	42889441	2240.134	2240.134
(2)		8.224	8.223	0.001	48802754	2208.439	2208.439
(3)		9.089	9.088	0.001	69628348	2321.816	2321.816
(4)		9.339	9.338	0.001	31691326	2255.675	2255.675
(5)		9.462	9.463	0.000	17946399	2412.403	2412.403
(6)		9.919	9.919	0.000	32332179	2360.853	2360.853

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)	10.632	10.633	0.000	31959891	2177.455	2177.455
(8)	11.098	11.098	0.001	14180459	2447.593	2447.593
Average of peak concentrations:						2300.00
Tetrachloro-m-xylene(surr)	2.283	2.281	0.002	61544671	192.147	192.147
Decachlorobiphenyl(surr)	11.526	11.524	0.002	42396199	183.423	183.423

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

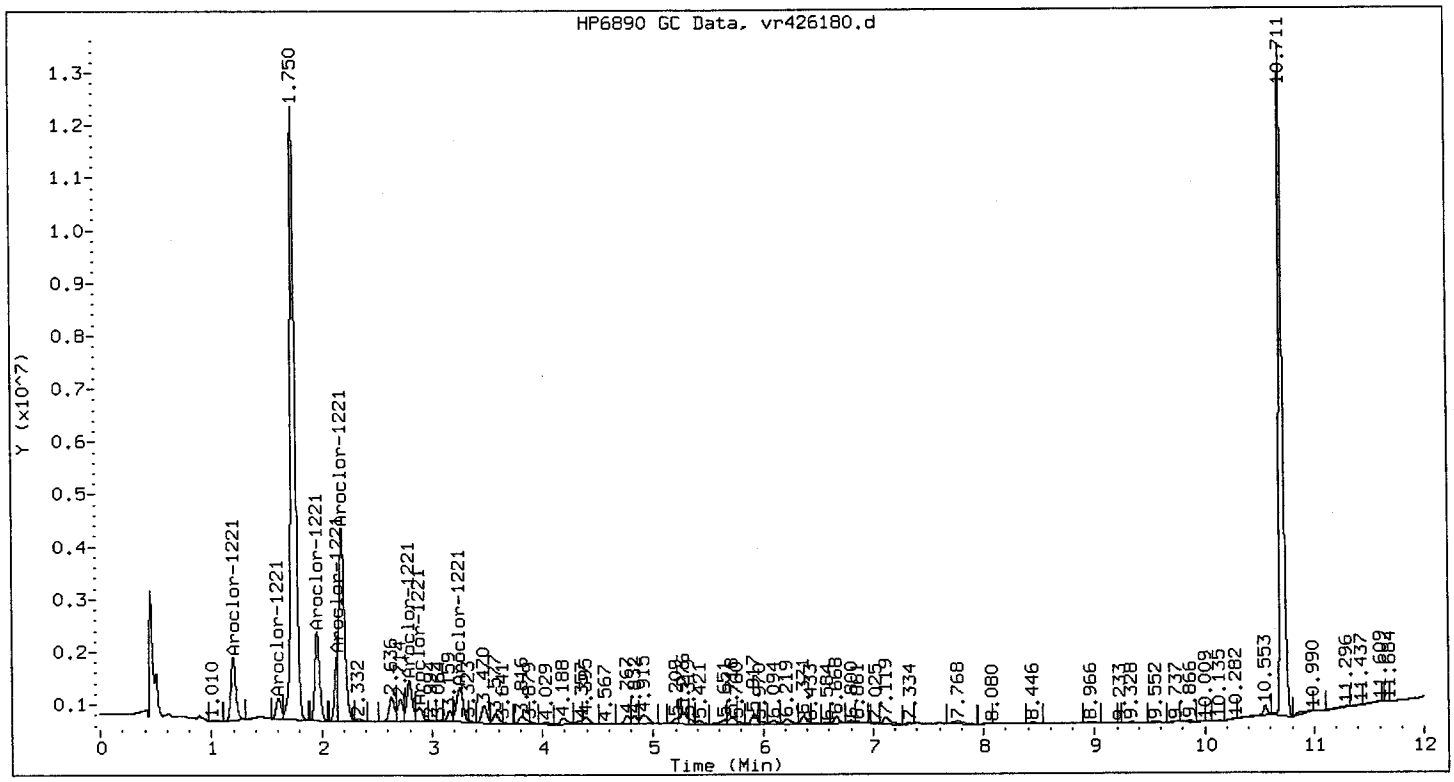
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426180.d

Compound		Midpoint Standard Response Factor
Aroclor-1221		3708.28
	2	1168.76
	3	5114.35
	4	2073.84
	5	12833.67
	6	2587.10
	7	963.16
	8	2743.61

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1221L3_00004C
Lab ID : SG1221L3_00004C
Inj Date : 14-DEC-2007 11:01
Operator : 615
Cpnd Sublist: AR12210 ks 12-17-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1221	(M)	1.200	1.200	0.000	3708278	1000.000	1000.000
(2)		1.605	1.605	0.000	1168757	1000.000	1000.000
(3)		1.959	1.959	0.000	5114351	1000.000	1000.000
(4)		2.143	2.143	0.000	2073844	1000.000	1000.000
(5)		2.186	2.186	0.000	12833673	1000.000	1000.000
(6)		2.796	2.796	0.000	2587097	1000.000	1000.000
(7)		2.889	2.889	0.000	963164	1000.000	1000.000
(8)		3.252	3.252	0.000	2743605	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

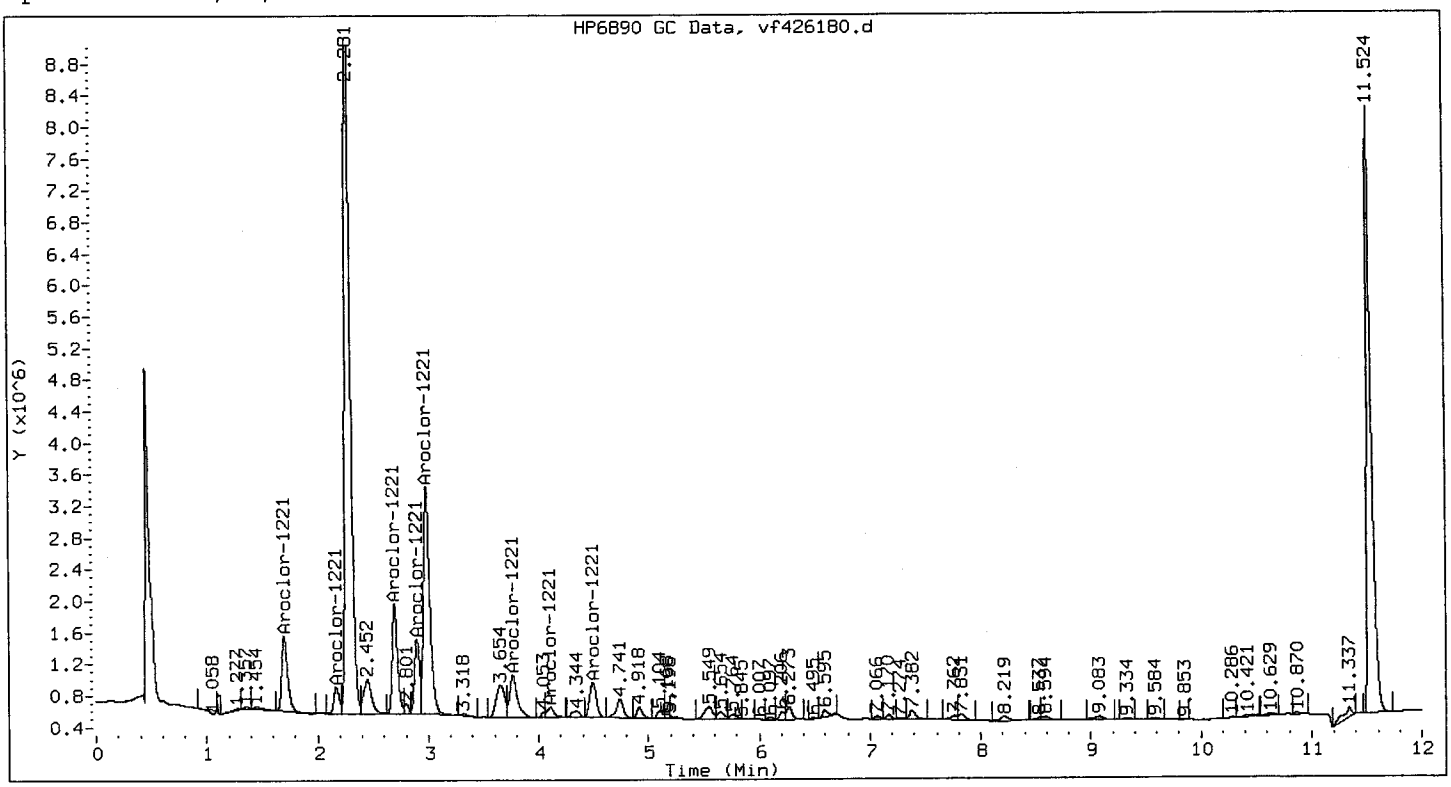
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426180.d

Compound	Midpoint Standard Response Factor
Aroclor-1221	3458.62
2	1158.56
3	4648.66
4	2957.35
5	11633.25
6	2699.26
7	606.24
8	1961.19

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1221L3_00004C
Lab ID : SG1221L3_00004C
Inj Date : 14-DEC-2007 11:01
Operator : 615
Cpnd Sublist: AR12210

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1221	(M)	1.701	1.701	0.000	3458621	1000.000	1000.000
(2)		2.166	2.166	0.000	1158557	1000.000	1000.000
(3)		2.696	2.696	0.000	4648663	1000.000	1000.000
(4)		2.898	2.898	0.000	2957350	1000.000	1000.000
(5)		2.985	2.985	0.000	11633245	1000.000	1000.000
(6)		3.766	3.766	0.000	2699259	1000.000	1000.000
(7)		4.106	4.106	0.000	606236	1000.000	1000.000
(8)		4.496	4.496	0.000	1961191	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

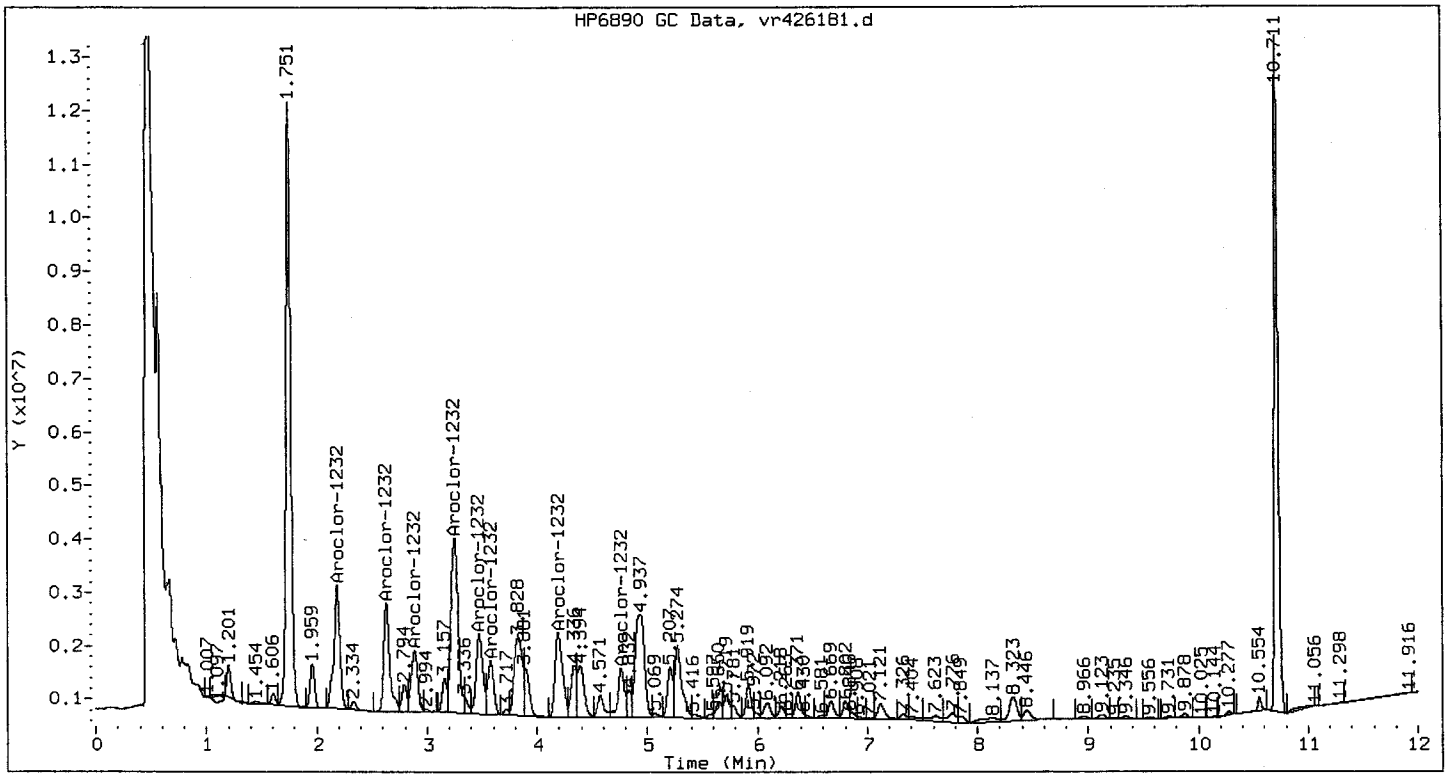
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426181.d

Compound		Midpoint Standard Response Factor
Aroclor-1232		8758.14
	2	7681.58
	3	4689.36
	4	14759.36
	5	6311.33
	6	3744.79
	7	7451.27
	8	3666.37

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1232L3_00003C
Lab ID : SG1232L3_00003C
Inj Date : 14-DEC-2007 11:16
Operator : 615
Cpnd Sublist: AR12320

12-17-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1232	(M)	2.186	2.186	0.000	8758143	1000.000	1000.000
(2)		2.635	2.635	0.000	7681584	1000.000	1000.000
(3)		2.889	2.889	0.000	4689363	1000.000	1000.000
(4)		3.251	3.251	0.000	14759361	1000.000	1000.000
(5)		3.471	3.471	0.000	6311326	1000.000	1000.000
(6)		3.577	3.577	0.000	3744788	1000.000	1000.000
(7)		4.191	4.191	0.000	7451265	1000.000	1000.000
(8)		4.762	4.762	0.000	3666366	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

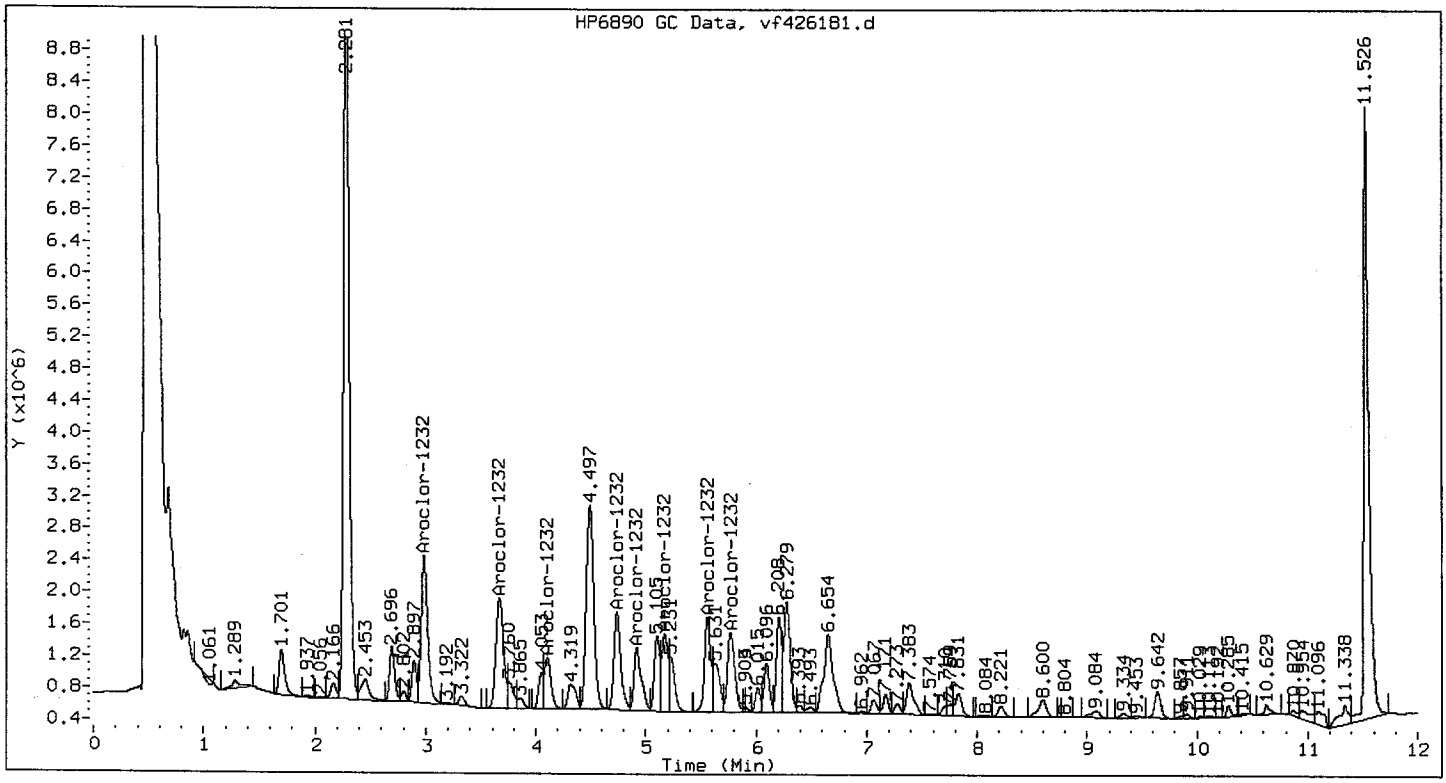
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426181.d

Compound	Midpoint Standard Response Factor
Aroclor-1232	7264.93
2	6826.55
3	2718.26
4	5305.45
5	3682.26
6	3756.87
7	4563.05
8	4324.03

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1232L3_00003C
Lab ID : SG1232L3_00003C
Inj Date : 14-DEC-2007 11:16
Operator : 615
Cpnd Sublist: AR12320

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1232	(M)	2.985	2.985	0.000	7264928	1000.000	1000.000
(2)		3.666	3.666	0.000	6826549	1000.000	1000.000
(3)		4.106	4.106	0.000	2718265	1000.000	1000.000
(4)		4.741	4.741	0.000	5305450	1000.000	1000.000
(5)		4.920	4.920	0.000	3682261	1000.000	1000.000
(6)		5.174	5.174	0.000	3756868	1000.000	1000.000
(7)		5.561	5.561	0.000	4563050	1000.000	1000.000
(8)		5.768	5.768	0.000	4324029	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

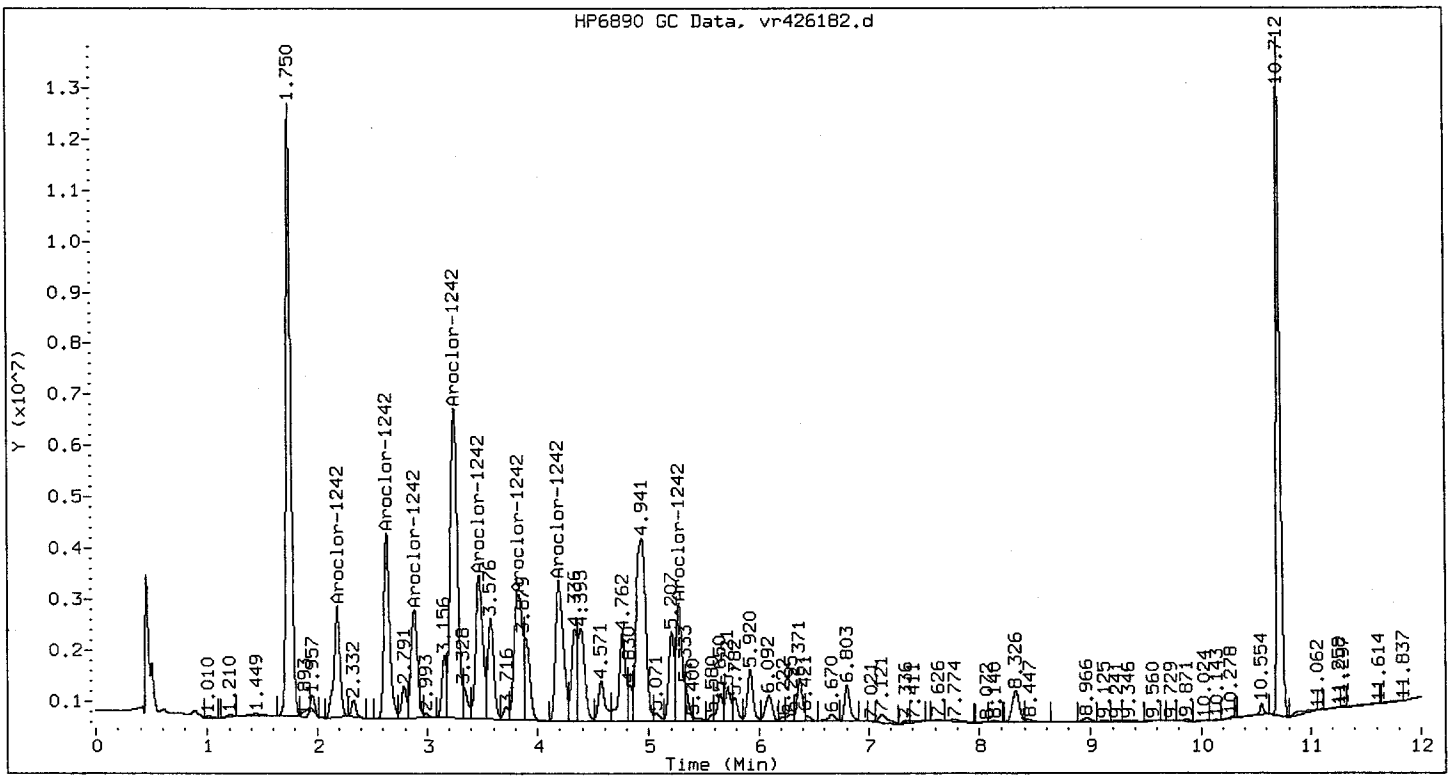
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426182.d

Compound		Midpoint Standard Response Factor
Aroclor-1242		8078.13
	2	13197.75
	3	8765.70
	4	27399.17
	5	12202.11
	6	13134.37
	7	13217.98
	8	9028.62

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1242L3_00003C
Lab ID : SG1242L3_00003C
Inj Date : 14-DEC-2007 11:31
Operator : 615 12-17-07
Cpnd Sublist: AR1242

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1242	(M)	2.186	2.186	0.000	8078129	1000.000	1000.000
(2)		2.634	2.634	0.000	13197752	1000.000	1000.000
(3)		2.888	2.888	0.000	8765701	1000.000	1000.000
(4)		3.250	3.250	0.000	27399172	1000.000	1000.000
(5)		3.470	3.470	0.000	12202112	1000.000	1000.000
(6)		3.831	3.831	0.000	13134369	1000.000	1000.000
(7)		4.191	4.191	0.000	13217984	1000.000	1000.000
(8)		5.275	5.275	0.000	9028618	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

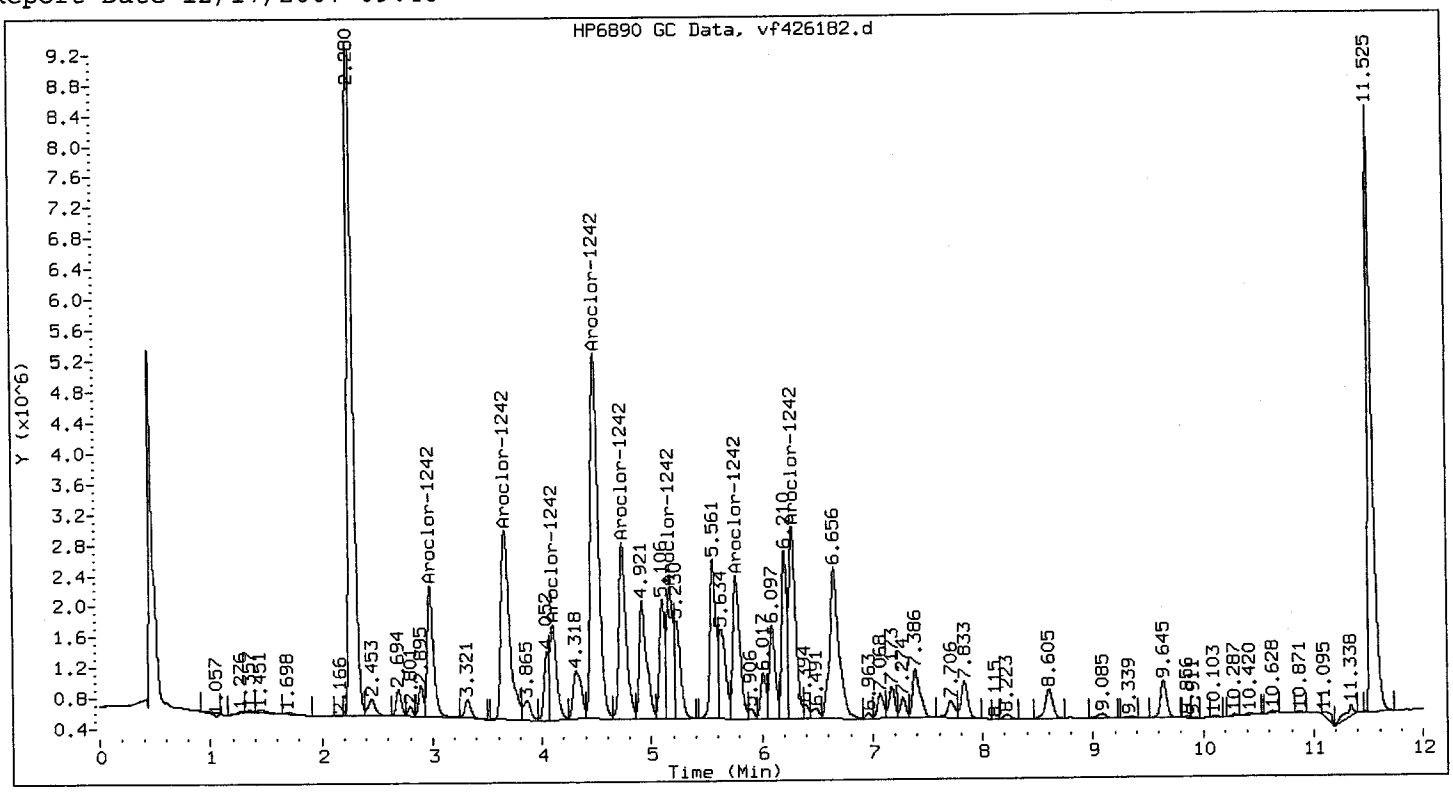
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426182.d

Compound	Midpoint Standard Response Factor
Aroclor-1242	6501.65
2	13523.76
3	5351.74
4	23791.68
5	10290.77
6	6752.69
7	8428.30
8	10122.35

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1242L3_00003C
Lab ID : SG1242L3_00003C
Inj Date : 14-DEC-2007 11:31
Operator : 615
Cpnd Sublist: AR12420 12-17-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1242	(M)	2.982	2.982	0.000	6501649	1000.000	1000.000
(2)		3.665	3.665	0.000	13523762	1000.000	1000.000
(3)		4.106	4.106	0.000	5351743	1000.000	1000.000
(4)		4.497	4.497	0.000	23791680	1000.000	1000.000
(5)		4.741	4.741	0.000	10290774	1000.000	1000.000
(6)		5.175	5.175	0.000	6752690	1000.000	1000.000
(7)		5.770	5.770	0.000	8428299	1000.000	1000.000
(8)		6.281	6.281	0.000	10122353	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

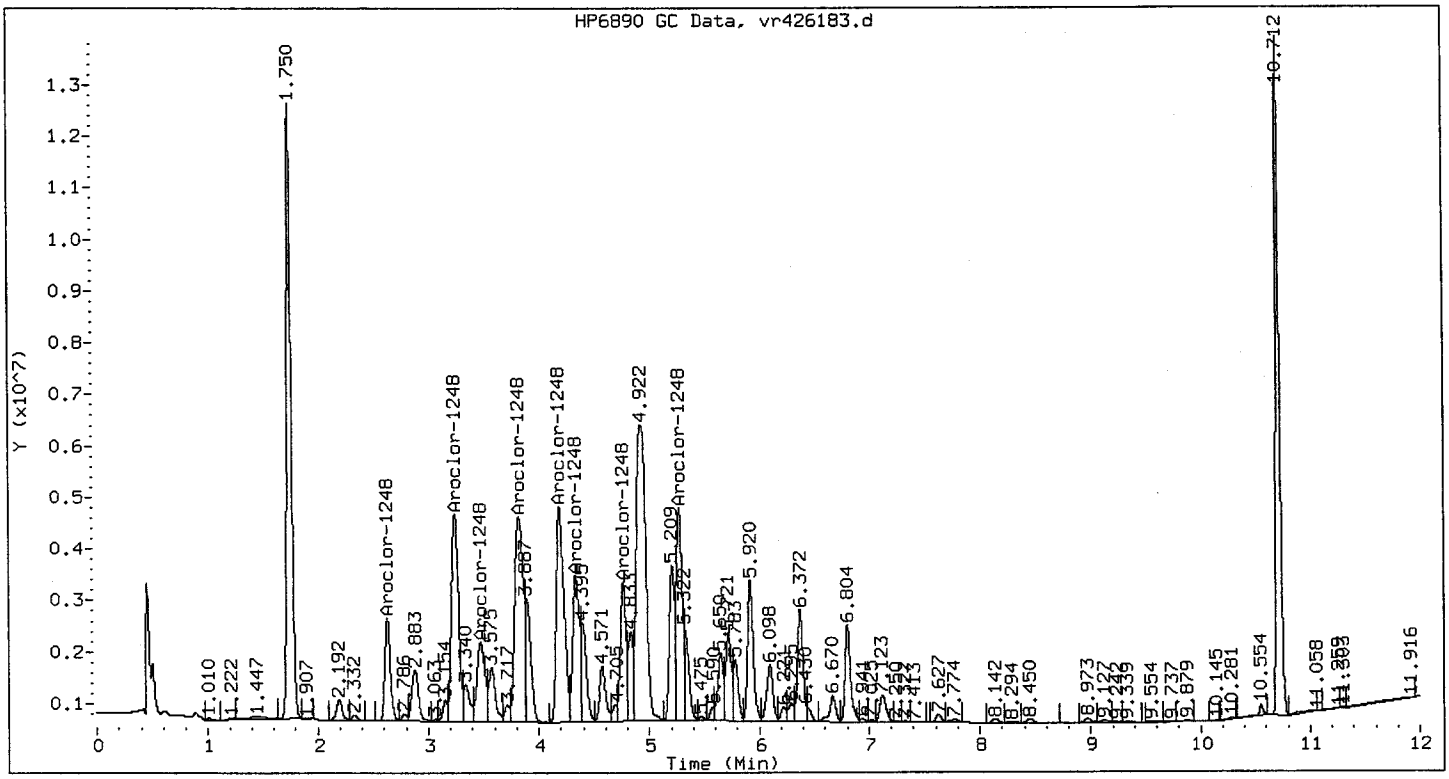
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426183.d

Compound		Midpoint Standard Response Factor
Aroclor-1248		6887.13
	2	18072.84
	3	7733.76
	4	22514.01
	5	19800.69
	6	11588.51
	7	9958.54
	8	15707.73

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1248L3_00003C
Lab ID : SG1248L3_00003C
Inj Date : 14-DEC-2007 11:46
Operator : 615
Cpnd Sublist: AR12480

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	(M)	2.631	2.631	0.000	6887128	1000.000	1000.000
(2)		3.245	3.245	0.000	18072837	1000.000	1000.000
(3)		3.475	3.475	0.000	7733758	1000.000	1000.000
(4)		3.825	3.825	0.000	22514007	1000.000	1000.000
(5)		4.190	4.190	0.000	19800695	1000.000	1000.000
(6)		4.334	4.334	0.000	11588511	1000.000	1000.000
(7)		4.762	4.762	0.000	9958541	1000.000	1000.000
(8)		5.274	5.274	0.000	15707732	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

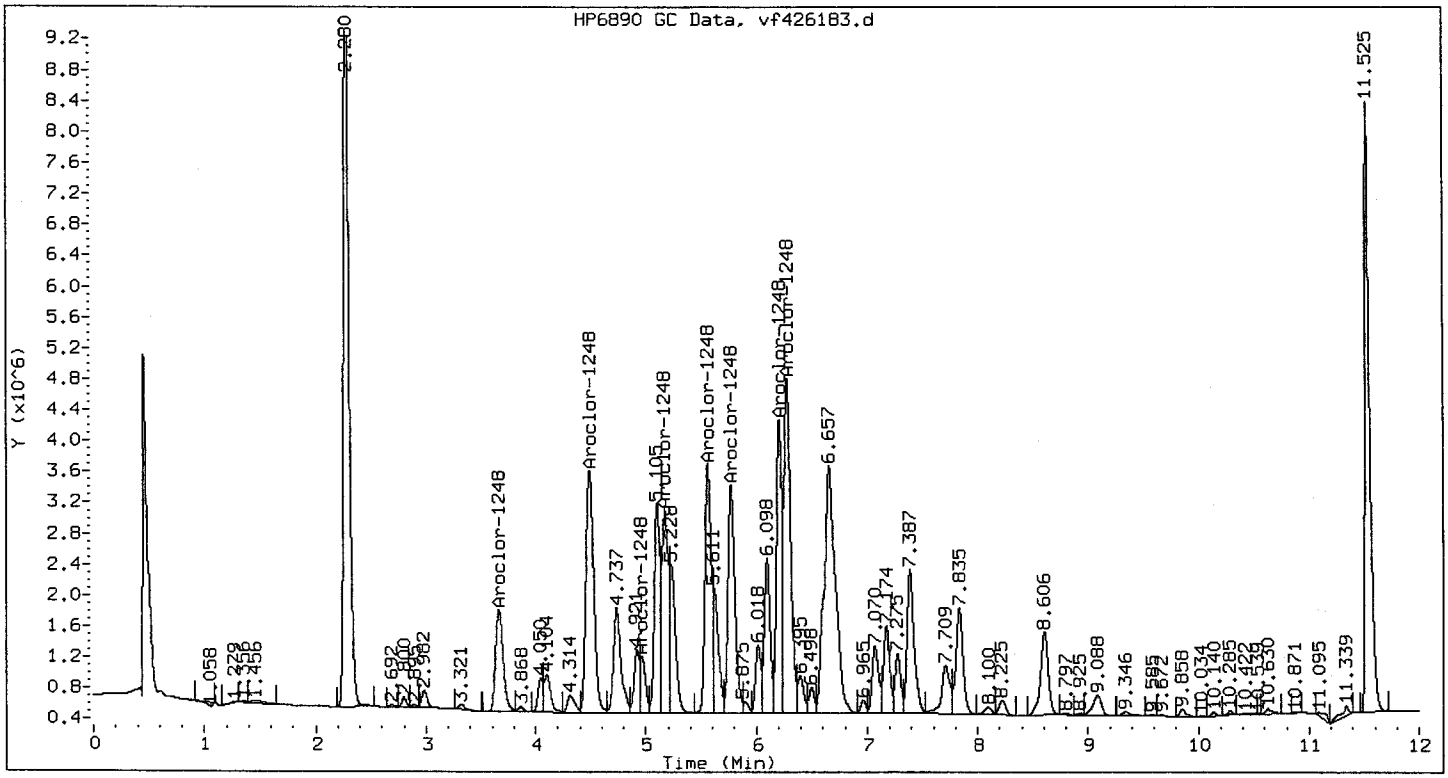
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426183.d

Compound	Midpoint Standard Response Factor
Aroclor-1248	6460.24
2	15500.28
3	2320.48
4	10207.20
5	12505.83
6	12938.47
7	12661.43
8	17965.96

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1248L3_00003C
Lab ID : SG1248L3_00003C
Inj Date : 14-DEC-2007 11:46
Operator : 615 12-17-07
Cpnd Sublist: AR12480

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	(M)	3.661	3.661	0.000	6460239	1000.000	1000.000
(2)		4.494	4.494	0.000	15500279	1000.000	1000.000
(3)		4.967	4.967	0.000	2320477	1000.000	1000.000
(4)		5.174	5.174	0.000	10207201	1000.000	1000.000
(5)		5.562	5.562	0.000	12505835	1000.000	1000.000
(6)		5.770	5.770	0.000	12938471	1000.000	1000.000
(7)		6.210	6.210	0.000	12661435	1000.000	1000.000
(8)		6.280	6.280	0.000	17965958	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

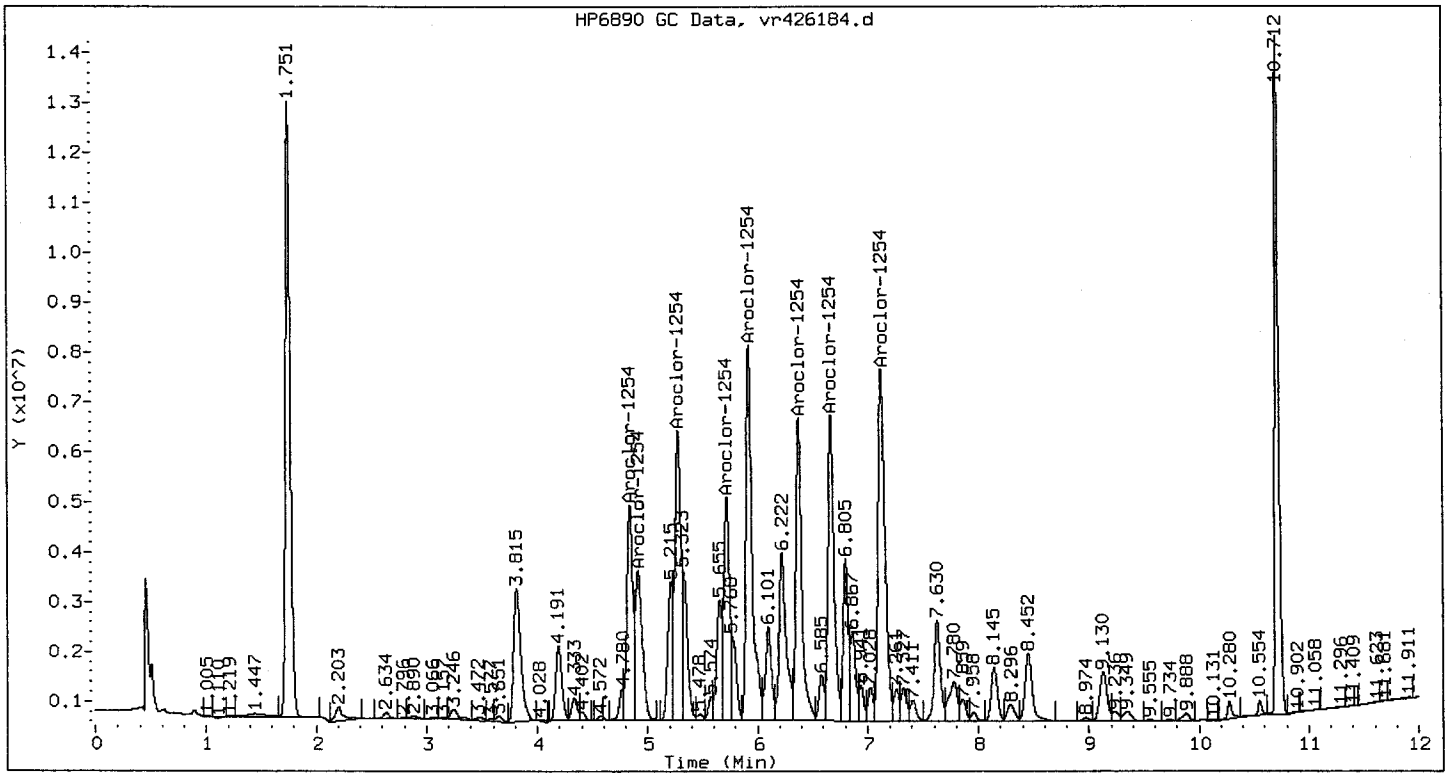
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426184.d

Compound	Midpoint Standard Response Factor
Aroclor-1254	16078.45
2	13235.92
3	22567.45
4	16883.87
5	29972.77
6	23757.46
7	22619.28
8	30268.01

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1254L3_00003C
Lab ID : SG1254L3_00003C
Inj Date : 14-DEC-2007 12:02
Operator : 615
Cpnd Sublist: AR12540

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1254	(M)	4.839	4.839	0.000	16078451	1000.000	1000.000
(2)		4.914	4.914	0.000	13235918	1000.000	1000.000
(3)		5.279	5.279	0.000	22567453	1000.000	1000.000
(4)		5.722	5.722	0.000	16883872	1000.000	1000.000
(5)		5.922	5.922	0.000	29972772	1000.000	1000.000
(6)		6.373	6.373	0.000	23757464	1000.000	1000.000
(7)		6.672	6.672	0.000	22619281	1000.000	1000.000
(8)		7.125	7.125	0.000	30268007	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

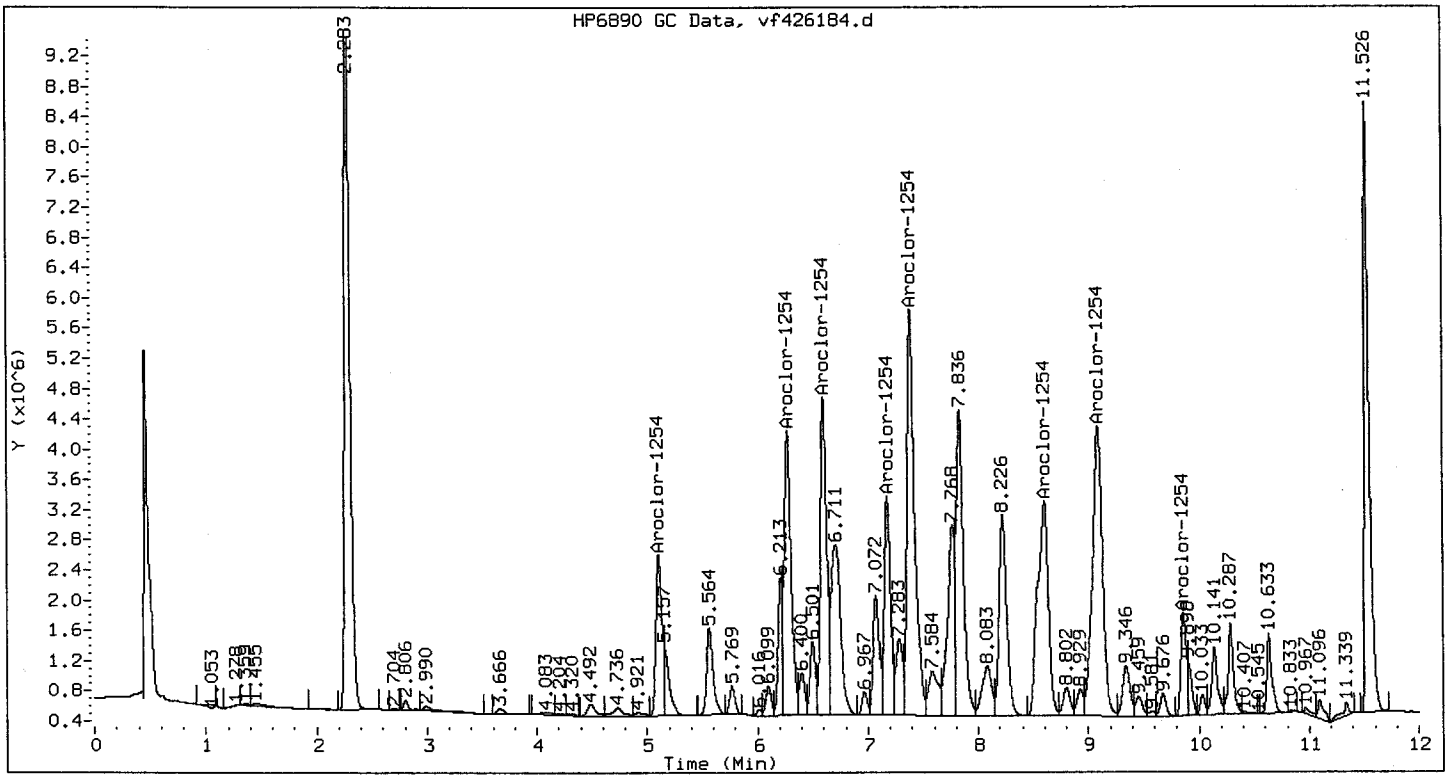
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426184.d

Compound		Midpoint Standard Response Factor
Aroclor-1254		8253.47
	2	16041.57
	3	16700.28
	4	11370.51
	5	25118.40
	6	19428.62
	7	24421.86
	8	4499.11

Comments:

+ = Multi-component peak not used in calibration of compound.


HP6890 GC Data, vf426184.d
Y (x10^6)
Time (Min)
Aroclor-1254
Aroclor-1254
Aroclor-1254

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

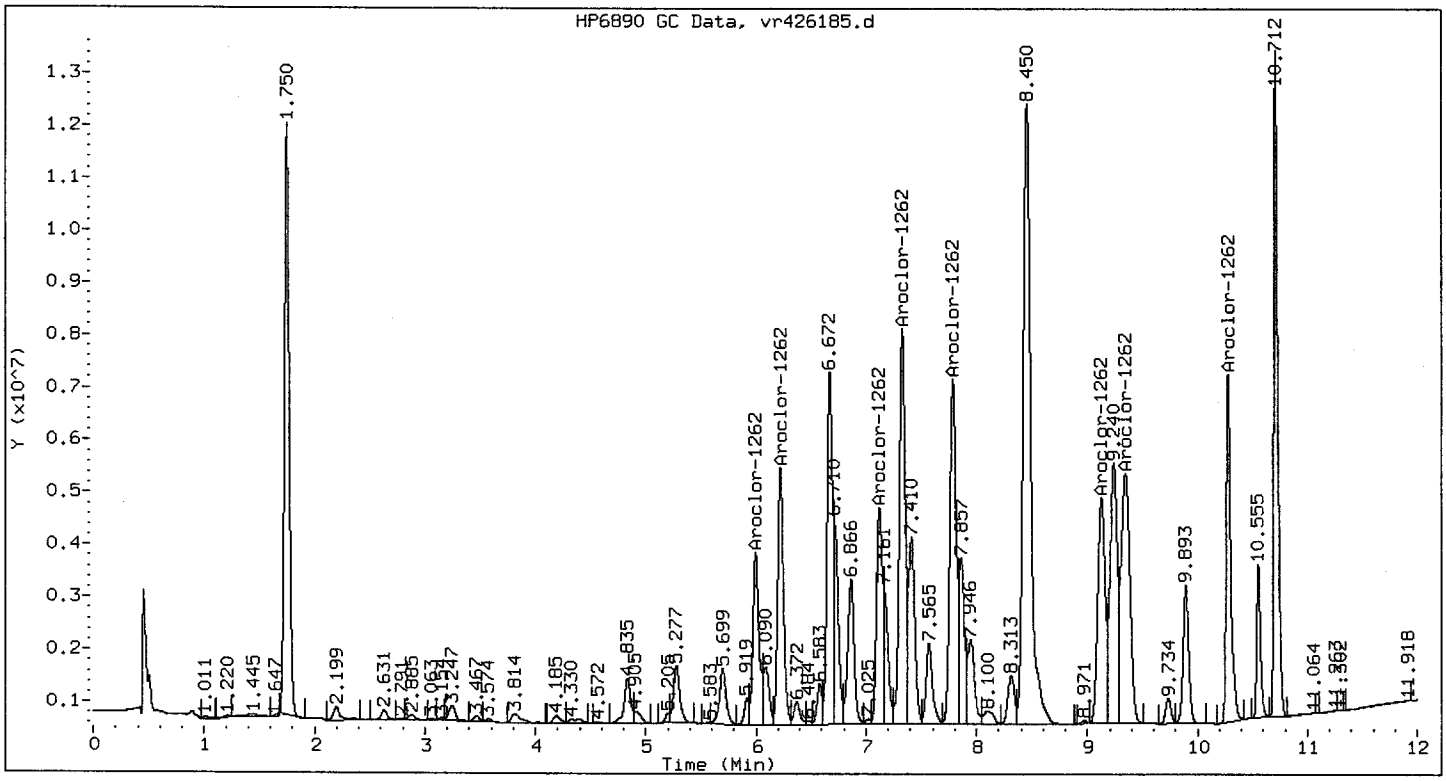
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426185.d

Compound		Midpoint Standard Response Factor
Aroclor-1262		12726.99
	2	18021.31
	3	15291.71
	4	28238.06
	5	26180.36
	6	19760.64
	7	26253.76
	8	19419.68

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG1262L3_00003C
Lab ID : SG1262L3_00003C
Inj Date : 14-DEC-2007 12:17
Operator : 615
Cpnd Sublist: AR1262 12-17-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	(M)	5.995	5.995	0.000	12726985	1000.000	1000.000
(2)		6.220	6.220	0.000	18021307	1000.000	1000.000
(3)		7.122	7.122	0.000	15291710	1000.000	1000.000
(4)		7.329	7.329	0.000	28238060	1000.000	1000.000
(5)		7.782	7.782	0.000	26180360	1000.000	1000.000
(6)		9.128	9.128	0.000	19760643	1000.000	1000.000
(7)		9.345	9.345	0.000	26253765	1000.000	1000.000
(8)		10.280	10.280	0.000	19419681	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

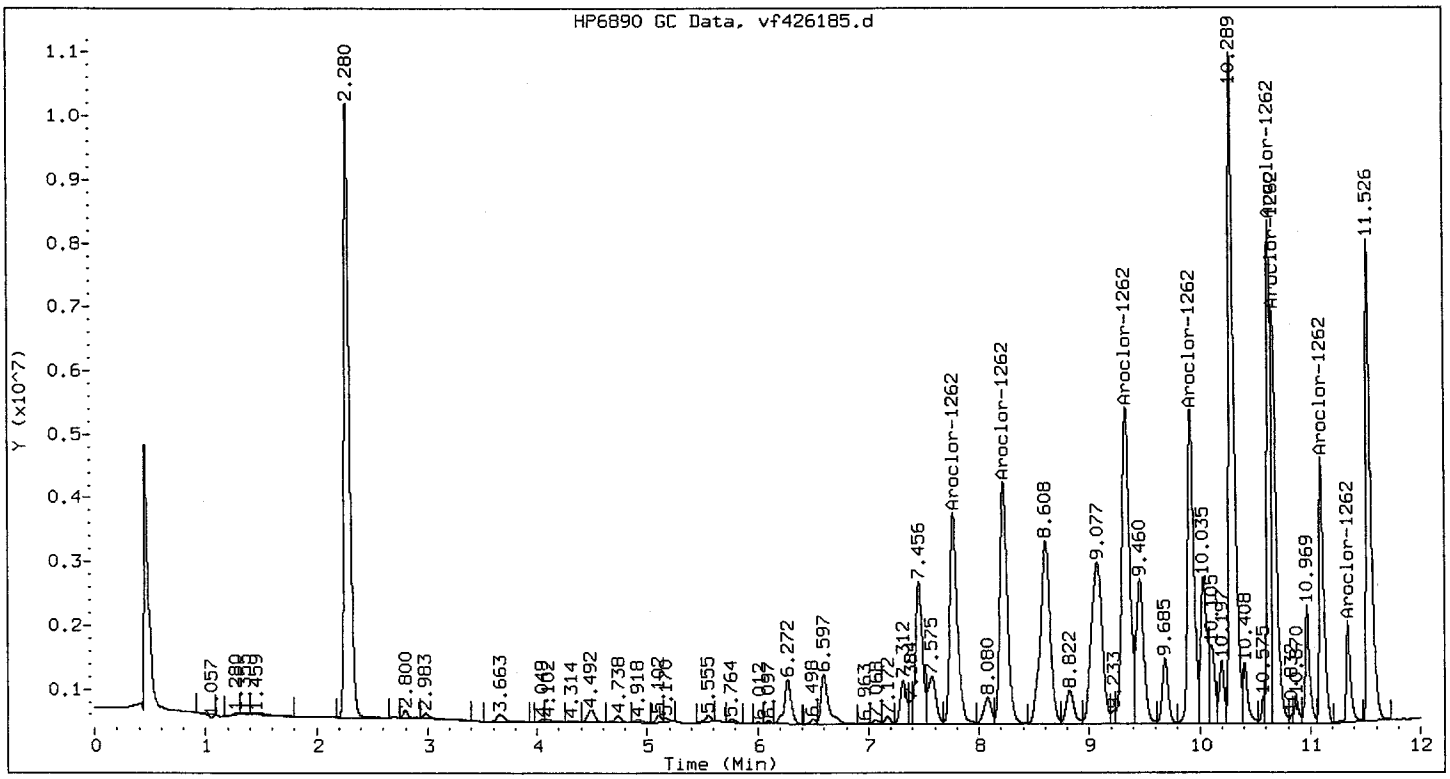
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426185.d

Compound		Midpoint Standard Response Factor
Aroclor-1262		15612.47
	2	18206.77
	3	24504.83
	4	19019.84
	5	17374.65
	6	21215.62
	7	11638.44
	8	4234.47

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG1262L3_00003C
Lab ID : SG1262L3_00003C
Inj Date : 14-DEC-2007 12:17
Operator : 615
Cpnd Sublist: AR12620 12-17-07
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1262	7.767	7.767	0.000	15612466	1000.000	1000.000
(2)	8.223	8.223	0.000	18206769	1000.000	1000.000
(3)	9.337	9.337	0.000	24504827	1000.000	1000.000
(4)	9.919	9.919	0.000	19019840	1000.000	1000.000
(5)	10.630	10.630	0.000	17374647	1000.000	1000.000
(6)	10.663	10.663	0.000	21215617	1000.000	1000.000
(7)	11.098	11.098	0.000	11638440	1000.000	1000.000
(8)	11.340	11.340	0.000	4234474	1000.000	1000.000

Average of peak concentrations: 1000.00

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP1 Primary Column

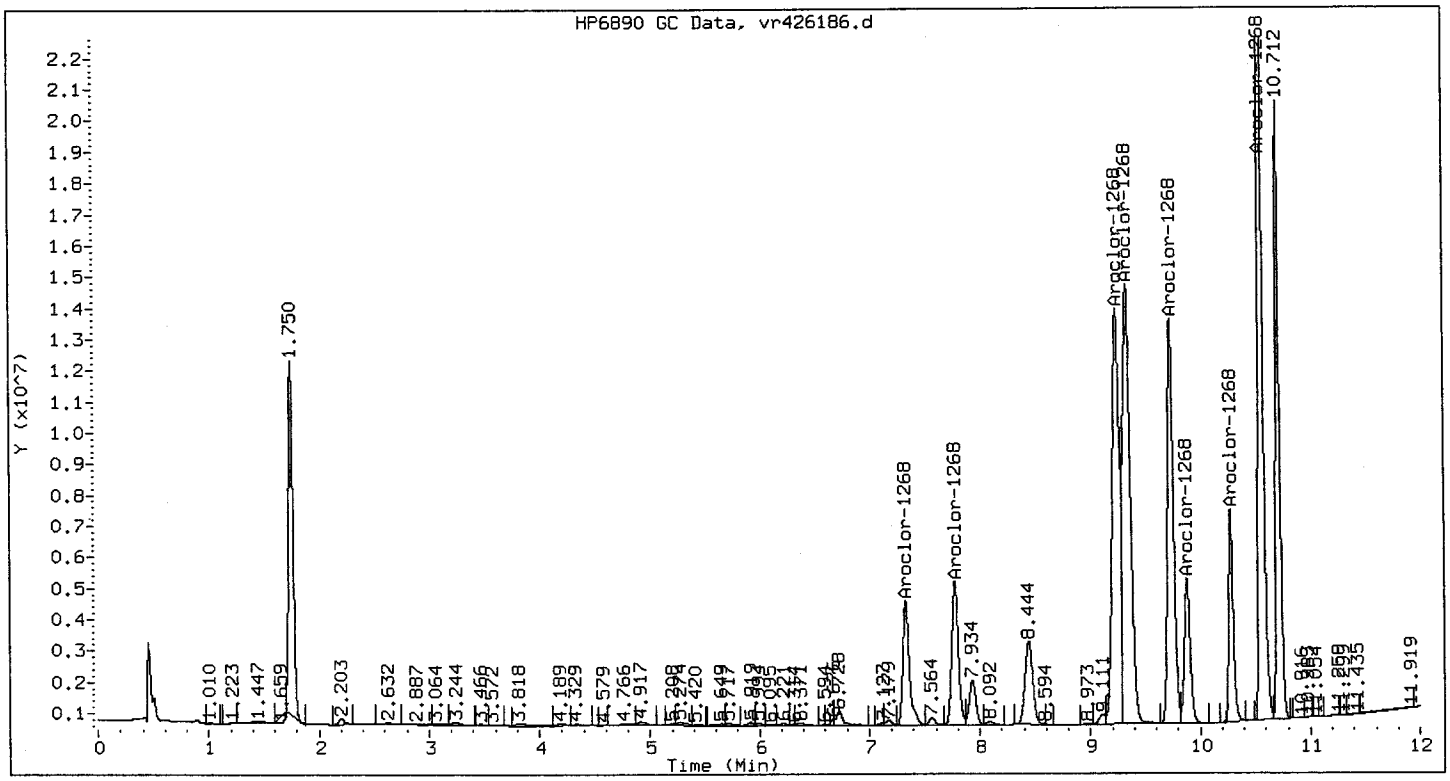
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426186.d

Compound		Midpoint Standard Response Factor
Aroclor-1268		16201.56
	2	19027.43
	3	61216.72
	4	70326.93
	5	48573.39
	6	16513.44
	7	19018.22
	8	97852.65

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/06Vr8082.m
Sample Info : SG11268L3_00003C
Lab ID : SG11268L3_00003C
Inj Date : 14-DEC-2007 12:32
Operator : 615
Cpnd Sublist: AR12680

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1268	7.329	7.329	0.000	16201561	1000.000	1000.000
(2)	7.774	7.774	0.000	19027426	1000.000	1000.000
(3)	9.240	9.240	0.000	61216722	1000.000	1000.000
(4)	9.334	9.334	0.000	70326933	1000.000	1000.000
(5)	9.735	9.735	0.000	48573395	1000.000	1000.000
(6)	9.883	9.883	0.000	16513443	1000.000	1000.000
(7)	10.280	10.280	0.000	19018222	1000.000	1000.000
(8)	10.555	10.555	0.000	97852645	1000.000	1000.000

Average of peak concentrations: 1000.00

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC9.i Column ID: StxCLP2 Confirmatory Column

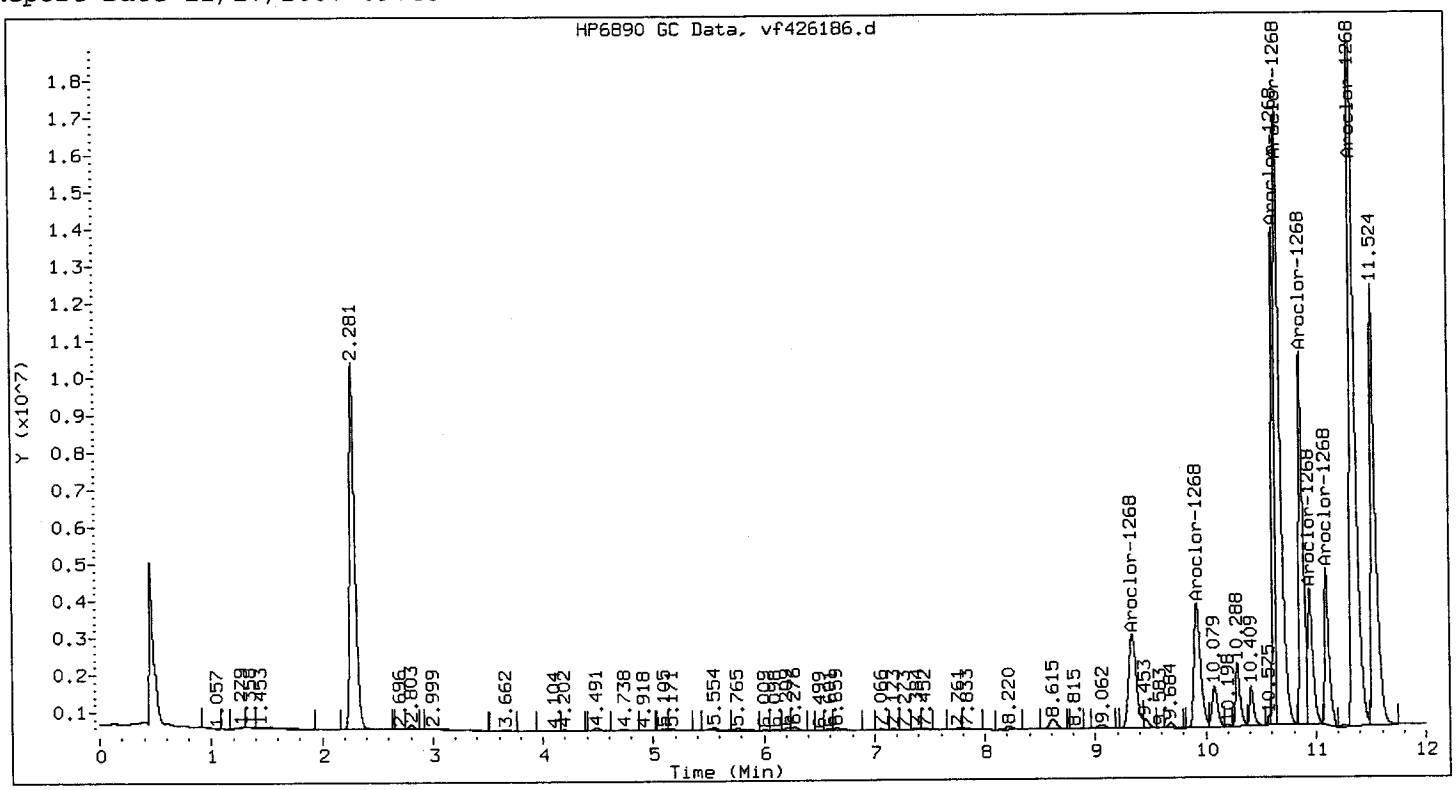
Midpoint Calibration File:

/chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426186.d

Compound	Midpoint Standard Response Factor
Aroclor-1268	12519.56
2	13624.97
3	23736.46
4	54067.00
5	26547.38
6	10817.37
7	11234.27
8	72285.77

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/06Vf8082.m
Sample Info : SG11268L3_00003C
Lab ID : SG11268L3_00003C
Inj Date : 14-DEC-2007 12:32
Operator : 615
Cpnd Sublist: AR12680
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CALIB_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1268	9.339	9.339	0.000	12519562	1000.000	1000.000
(2)	9.923	9.923	0.000	13624974	1000.000	1000.000
(3)	10.628	10.628	0.000	23736462	1000.000	1000.000
(4)	10.664	10.664	0.000	54066996	1000.000	1000.000
(5)	10.872	10.872	0.000	26547376	1000.000	1000.000
(6)	10.949	10.949	0.000	10817370	1000.000	1000.000
(7)	11.097	11.097	0.000	11234273	1000.000	1000.000
(8)	11.340	11.340	0.000	72285770	1000.000	1000.000
Average of peak concentrations:						1000.00

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b/vr426214.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Vr8082.m

Sample Information: SG1660L3_00003A
Injection Date: 17-DEC-2007 08:20

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.187	1000	992.26	0.77
Aroclor-1016	2	2.635	1000	988.84	1.12
Aroclor-1016	3	2.889	1000	1044.95	4.50
Aroclor-1016	4	3.249	1000	973.48	2.65
Aroclor-1016	5	3.471	1000	1049.02	4.90
Aroclor-1016	6	3.576	1000	1058.88	5.89
Aroclor-1016	7	4.191	1000	976.35	2.36
Aroclor-1016	8	4.336	1000	1004.14	0.41
Aroclor-1260	1	6.220	1000	1011.90	1.19
Aroclor-1260	2	6.672	1000	988.47	1.15
Aroclor-1260	3	7.123	1000	1003.29	0.33
Aroclor-1260	4	7.329	1000	1003.47	0.35
Aroclor-1260	5	7.783	1000	1012.56	1.26
Aroclor-1260	6	9.129	1000	1049.21	4.92
Aroclor-1260	7	9.349	1000	1102.50	10.25
Aroclor-1260	8	10.280	1000	1102.53	10.25

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.752	100	100.06	0.06
Decachlorobiphenyl(sur	10.712	100	89.15	10.85

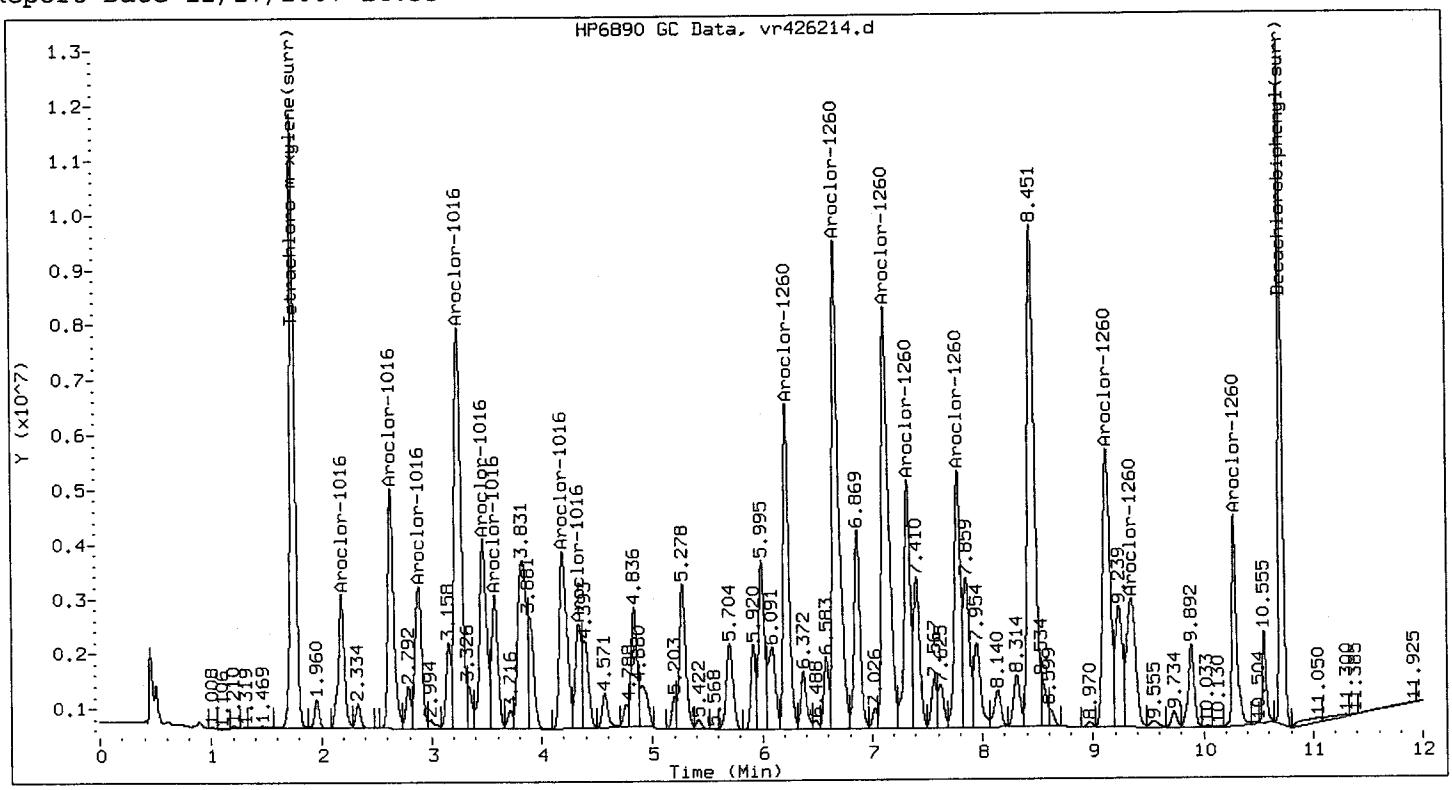
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b/vr426214.d
Injection Date: 17-DEC-2007 08:20

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.187	
	2.634	(2.564 - 2.704)	2.635	
	2.888	(2.818 - 2.958)	2.889	
	3.250	(3.180 - 3.320)	3.249	
	3.471	(3.401 - 3.541)	3.471	
	3.576	(3.506 - 3.646)	3.576	
	4.191	(4.121 - 4.261)	4.191	
	4.336	(4.266 - 4.406)	4.336	
Aroclor-1260	6.221	(6.151 - 6.291)	6.220	
	6.672	(6.602 - 6.742)	6.672	
	7.123	(7.053 - 7.193)	7.123	
	7.328	(7.258 - 7.398)	7.329	
	7.784	(7.714 - 7.854)	7.783	
	9.131	(9.061 - 9.201)	9.129	
	9.348	(9.278 - 9.418)	9.349	
	10.281	(10.211 - 10.351)	10.280	
Tetrachloro-m-xylene(surr)	1.750	(1.700 - 1.800)	1.752	
Decachlorobiphenyl(surr)	10.713	(10.613 - 10.813)	10.712	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Vr8082.m
Sample Info : SG1660L3_00003A
Lab ID : SG1660L3_00003A
Inj Date : 17-DEC-2007 08:20
Operator : 615 12-17-07
Cpnd Sublist: AR1660OS

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.187	2.187	0.000	9241622	992.258	992.258
(2)		2.635	2.635	0.000	16270923	988.838	988.838
(3)		2.889	2.889	0.000	10969613	1044.955	1044.955
(4)		3.249	3.249	0.000	33364610	973.476	973.476
(5)		3.471	3.471	0.000	15464353	1049.022	1049.022
(6)		3.576	3.576	0.000	9455146	1058.882	1058.882
(7)		4.191	4.191	0.000	15529292	976.353	976.353
(8)		4.336	4.336	0.000	7190519	1004.139	1004.139
Average of peak concentrations:							1000.00
Aroclor-1260		6.220	6.220	0.000	21586117	1011.900	1011.900
(2)		6.672	6.672	0.000	37541707	988.466	988.466
(3)		7.123	7.123	0.000	35570572	1003.289	1003.289
(4)		7.329	7.329	0.000	17796498	1003.472	1003.472
(5)		7.783	7.783	0.000	18906457	1012.556	1012.556
(6)		9.129	9.129	0.000	24091780	1049.211	1049.211

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.349	9.349	0.000	13038361	1102.497	1102.497
(8)	10.280	10.280	0.000	11439742	1102.528	1102.528
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	1.752	1.752	0.000	34364907	100.059	100.059
Decachlorobiphenyl(surr)	10.712	10.712	0.000	29151040	89.148	89.148

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07a.b/vf426214.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07a.b/06Vf8082.m

Sample Information: SG1660L3_00003A
Injection Date: 17-DEC-2007 08:20

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.983	1000	992.94	0.71
Aroclor-1016	2	3.665	1000	1004.06	0.41
Aroclor-1016	3	4.105	1000	1025.53	2.55
Aroclor-1016	4	4.498	1000	987.35	1.27
Aroclor-1016	5	4.742	1000	985.63	1.44
Aroclor-1016	6	5.175	1000	1001.24	0.12
Aroclor-1016	7	5.561	1000	1016.96	1.70
Aroclor-1016	8	5.770	1000	1022.31	2.23
Aroclor-1260	1	7.767	1000	1025.73	2.57
Aroclor-1260	2	8.223	1000	1022.39	2.24
Aroclor-1260	3	9.086	1000	1044.58	4.46
Aroclor-1260	4	9.337	1000	1052.58	5.26
Aroclor-1260	5	9.461	1000	1090.53	9.05
Aroclor-1260	6	9.919	1000	1064.41	6.44
Aroclor-1260	7	10.632	1000	1073.81	7.38
Aroclor-1260	8	11.097	1000	1083.80	8.38

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.281	100	96.44	3.56
Decachlorobiphenyl(sur	11.526	100	95.17	4.83

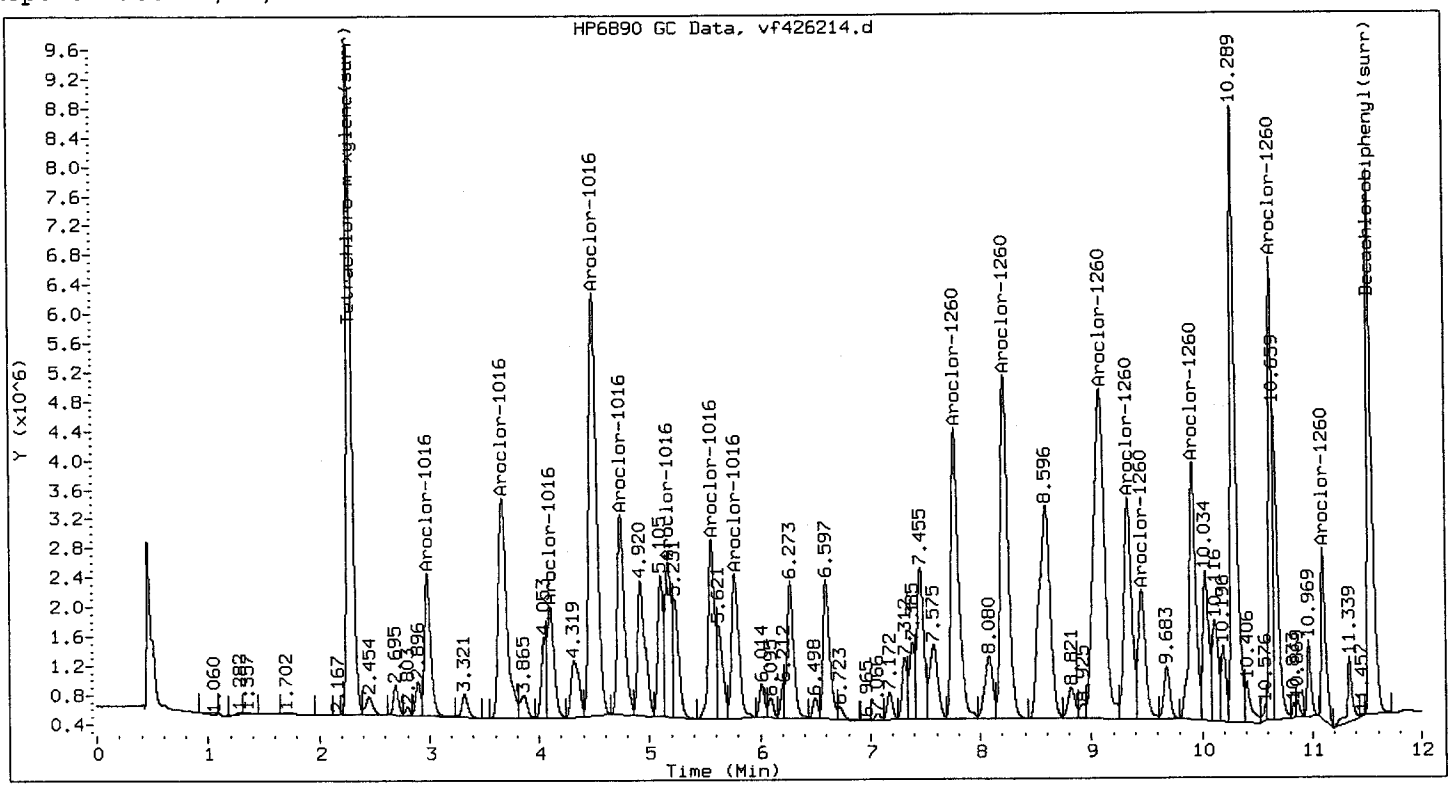
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07a.b/vf426214.d
Injection Date: 17-DEC-2007 08:20

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.983	
	3.667	(3.597 - 3.737)	3.665	
	4.107	(4.037 - 4.177)	4.105	
	4.498	(4.428 - 4.568)	4.498	
	4.742	(4.672 - 4.812)	4.742	
	5.175	(5.105 - 5.245)	5.175	
	5.562	(5.492 - 5.632)	5.561	
	5.770	(5.700 - 5.840)	5.770	
Aroclor-1260	7.768	(7.698 - 7.838)	7.767	
	8.223	(8.153 - 8.293)	8.223	
	9.088	(9.018 - 9.158)	9.086	
	9.338	(9.268 - 9.408)	9.337	
	9.463	(9.393 - 9.533)	9.461	
	9.919	(9.849 - 9.989)	9.919	
	10.633	(10.563 - 10.703)	10.632	
	11.098	(11.028 - 11.168)	11.097	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.281	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.526	



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07a.b/06Vf8082.m
Sample Info : SG1660L3_00003A
Lab ID : SG1660L3_00003A
Inj Date : 17-DEC-2007 08:20
Operator : 615
Cpnd Sublist: AR16600S

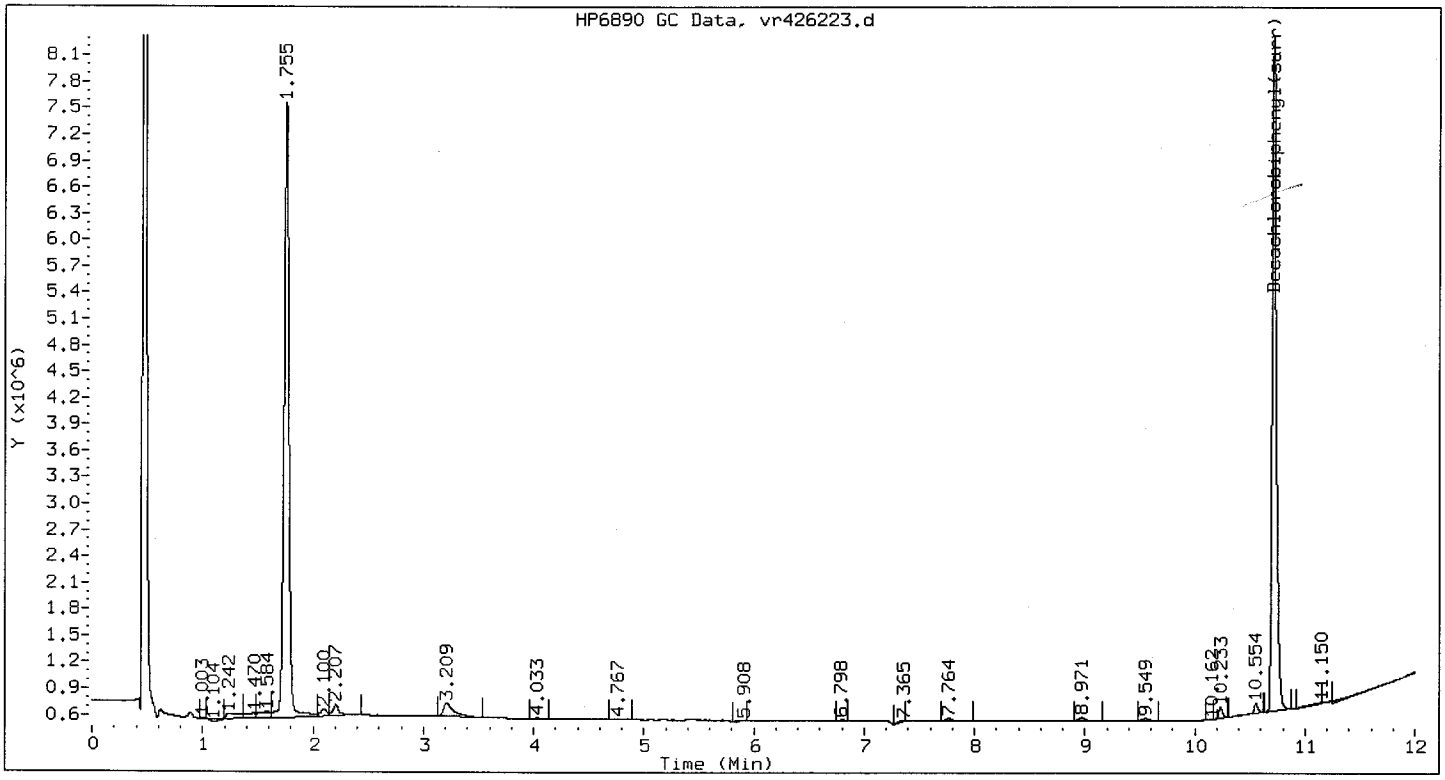
12-17-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.983	2.983	0.000	7452885	992.939	992.939
(2)		3.665	3.665	0.000	16551842	1004.058	1004.058
(3)		4.105	4.105	0.000	6599343	1025.529	1025.529
(4)		4.498	4.498	0.000	28665179	987.346	987.346
(5)		4.742	4.742	0.000	12180991	985.626	985.626
(6)		5.175	5.175	0.000	8132607	1001.243	1001.243
(7)		5.561	5.561	0.000	9621804	1016.956	1016.956
(8)		5.770	5.770	0.000	8930685	1022.306	1022.306
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.767	7.767	0.000	19638510	1025.728	1025.728
(2)		8.223	8.223	0.000	22593166	1022.394	1022.394
(3)		9.086	9.086	0.000	31325723	1044.583	1044.583
(4)		9.337	9.337	0.000	14788293	1052.578	1052.578
(5)		9.461	9.461	0.000	8112673	1090.527	1090.527
(6)		9.919	9.919	0.000	14577184	1064.407	1064.407

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)		10.632	10.632	0.000	15760963	1073.808	1073.808
(8)		11.097	11.097	0.000	6279165	1083.804	1083.804
Average of peak concentrations:							1000.00
Tetrachloro-m-xylene(surr)		2.281	2.281	0.000	30889633	96.440	96.440
Decachlorobiphenyl(surr)	(M)	11.526	11.526	0.000	21998179	95.173	95.173

COMMENTS:
M - Compound response manually integrated.

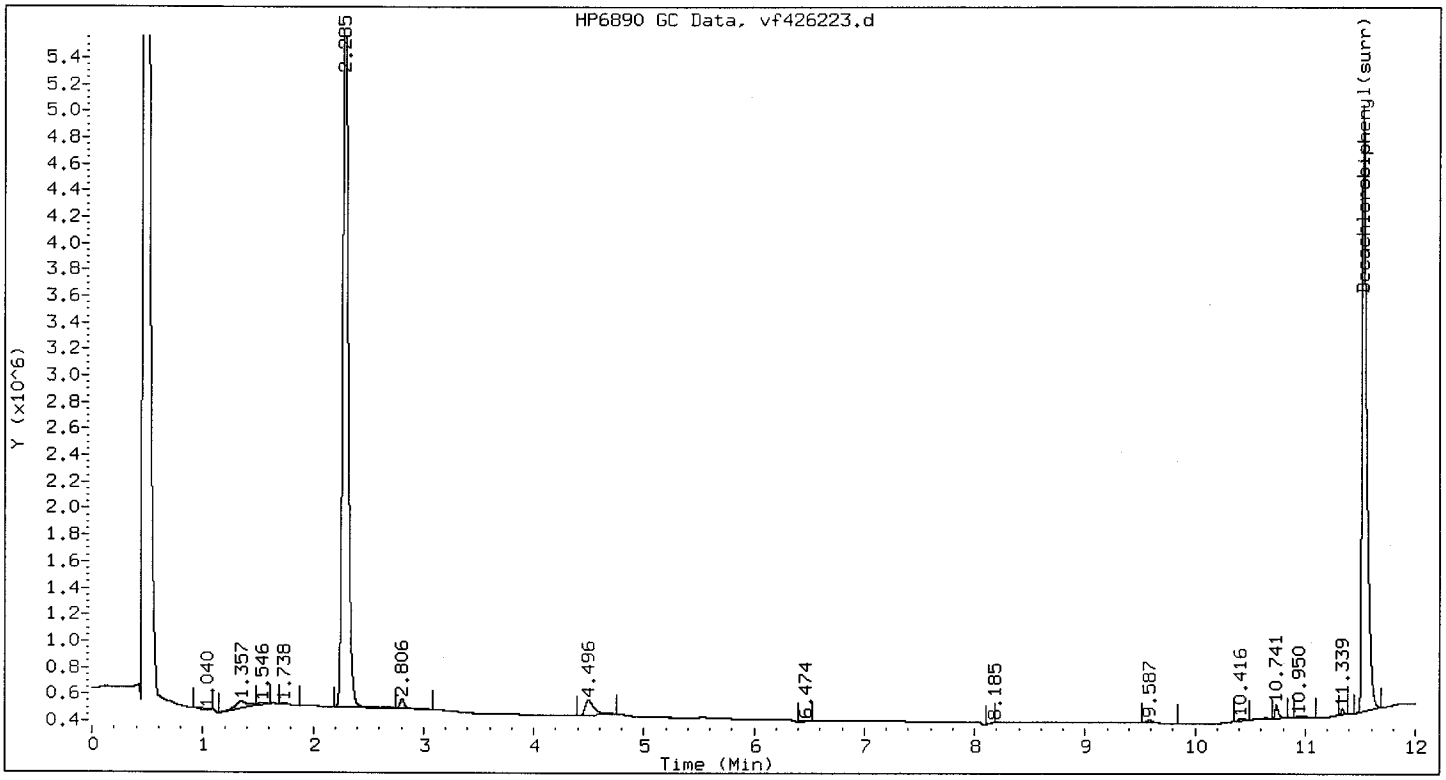


Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Vr8082.m
Sample Info : SP349;MB77570
Lab ID : SP349
Inj Date : 17-DEC-2007 10:49
Operator : 615
Cpnd Sublist: PCB8082+

12-20-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

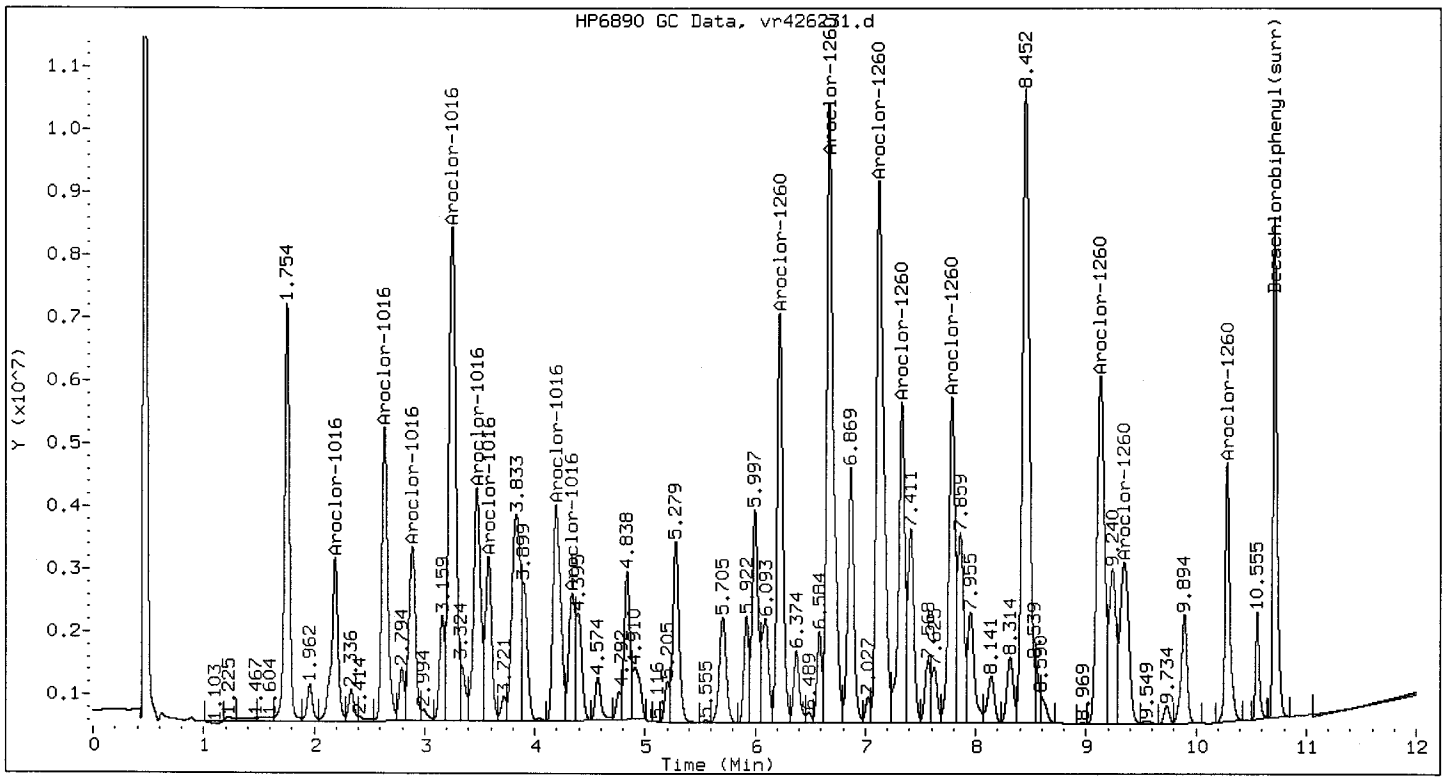
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.713	10.712	0.001	19846775	60.694	40.463



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07a.b/06Vf8082.m
Sample Info : SP349;MB77570
Lab ID : SP349
Inj Date : 17-DEC-2007 10:49
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	11.526	11.526	0.000	13168988	56.974	37.983



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b/06Vr8082.m
Sample Info : 6368BS;BS62100
Lab ID : 6368BS
Inj Date : 17-DEC-2007 12:52
Operator : 615 KS 12-20-07
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.189	2.187	0.002	10551328	1132.879	755.252
(2)		2.637	2.635	0.002	17481170	1062.388	708.259
(3)		2.890	2.889	0.002	11904036	1133.967	755.978
(4)		3.252	3.249	0.002	35851667	1046.041	697.360
(5)		3.473	3.471	0.002	16643527	1129.011	752.674
(6)		3.579	3.576	0.002	10345056	1158.543	772.362
(7)		4.193	4.191	0.002	16590866	1043.096	695.397
(8)		4.339	4.336	0.002	7940424	1108.861	739.241
Average of peak concentrations:							730.00
Aroclor-1260		6.222	6.220	0.002	23716486	1111.766	741.178
(2)		6.673	6.672	0.001	41715977	1098.374	732.249
(3)		7.124	7.123	0.001	40023352	1128.882	752.588
(4)		7.329	7.329	0.001	20062891	1131.264	754.176
(5)		7.784	7.783	0.001	21061995	1127.999	751.999
(6)		9.129	9.129	0.001	26487124	1153.530	769.020

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.349	9.349	0.001	14246507	1204.656	803.104
(8)	10.281	10.280	0.001	12096779	1165.851	777.234
Average of peak concentrations:						760.00
Decachlorobiphenyl(surr)	10.713	10.712	0.001	19654118	60.105	40.070

COMMENTS:

M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b/vr426233.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b/06Vr8082.m

Sample Information: SG166013_00003B
Injection Date: 17-DEC-2007 13:22

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.190	1000	1053.08	5.31
Aroclor-1016	2	2.639	1000	1026.08	2.61
Aroclor-1016	3	2.893	1000	1091.84	9.18
Aroclor-1016	4	3.255	1000	994.57	0.54
Aroclor-1016	5	3.475	1000	1066.24	6.62
Aroclor-1016	6	3.581	1000	1132.36	13.24
Aroclor-1016	7	4.194	1000	1019.45	1.94
Aroclor-1016	8	4.339	1000	984.13	1.59
Aroclor-1260	1	6.222	1000	1056.71	5.67
Aroclor-1260	2	6.674	1000	1037.48	3.75
Aroclor-1260	3	7.124	1000	1063.98	6.40
Aroclor-1260	4	7.330	1000	1029.92	2.99
Aroclor-1260	5	7.784	1000	1059.06	5.91
Aroclor-1260	6	9.130	1000	1074.24	7.42
Aroclor-1260	7	9.350	1000	1123.99	12.40
Aroclor-1260	8	10.281	1000	1125.84	12.58

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.755	100	102.92	2.92
Decachlorobiphenyl(sur	10.713	100	92.77	7.23

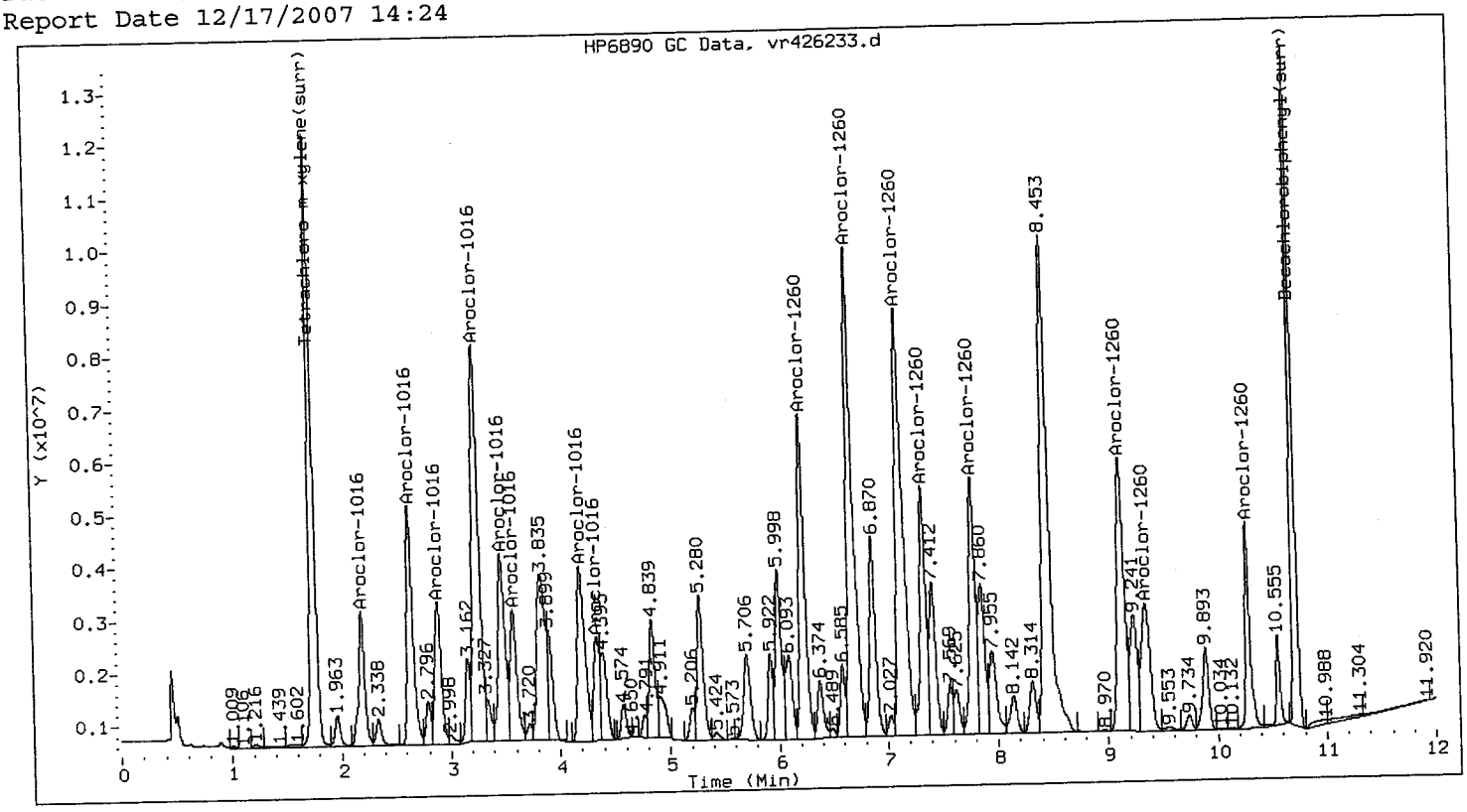
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b/vr426233.d
Injection Date: 17-DEC-2007 13:22

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.190	
	2.634	(2.564 - 2.704)	2.639	
	2.888	(2.818 - 2.958)	2.893	
	3.250	(3.180 - 3.320)	3.255	
	3.471	(3.401 - 3.541)	3.475	
	3.576	(3.506 - 3.646)	3.581	
	4.191	(4.121 - 4.261)	4.194	
	4.336	(4.266 - 4.406)	4.339	
Aroclor-1260	6.221	(6.151 - 6.291)	6.222	
	6.672	(6.602 - 6.742)	6.674	
	7.123	(7.053 - 7.193)	7.124	
	7.328	(7.258 - 7.398)	7.330	
	7.784	(7.714 - 7.854)	7.784	
	9.131	(9.061 - 9.201)	9.130	
	9.348	(9.278 - 9.418)	9.350	
	10.281	(10.211 - 10.351)	10.281	
Tetrachloro-m-xylene(surr)	1.750	(1.700 - 1.800)	1.755	
Decachlorobiphenyl(surr)	10.713	(10.613 - 10.813)	10.713	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b/06Vr8082.m
Sample Info : SG166013_00003B
Lab ID : SG166013_00003B
Inj Date : 17-DEC-2007 13:22
Operator : 615 12-17-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.190	2.190	0.000	9808072	1053.077	1053.077
(2)		2.639	2.639	0.000	16883650	1026.075	1026.075
(3)		2.893	2.893	0.000	11461755	1091.836	1091.836
(4)		3.255	3.255	0.000	34087696	994.573	994.573
(5)		3.475	3.475	0.000	15718115	1066.236	1066.236
(6)		3.581	3.581	0.000	10111227	1132.357	1132.357
(7)		4.194	4.194	0.000	16214690	1019.445	1019.445
(8)		4.339	4.339	0.000	7047259	984.133	984.133
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	6.222	6.222	0.000	22542069	1056.713	1056.713
(2)		6.674	6.674	0.000	39403392	1037.484	1037.484
(3)		7.124	7.124	0.000	37722445	1063.983	1063.983
(4)		7.330	7.330	0.000	18265471	1029.915	1029.915
(5)		7.784	7.784	0.000	19774769	1059.060	1059.060
(6)		9.130	9.130	0.000	24666376	1074.235	1074.235

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)		9.350	9.350	0.000	13292540	1123.990	1123.990
(8)		10.281	10.281	0.000	11681666	1125.844	1125.844
Average of peak concentrations:							1100.00
Tetrachloro-m-xylene(surr)		1.755	1.755	0.000	35347370	102.920	102.920
Decachlorobiphenyl(surr)	(M)	10.713	10.713	0.000	30336957	92.774	92.774

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07b.b/vf426233.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07b.b/06Vf8082.m

Sample Information: SG166013_00003B
Injection Date: 17-DEC-2007 13:22

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.987	1000	1023.56	2.36
Aroclor-1016	2	3.670	1000	1035.30	3.53
Aroclor-1016	3	4.109	1000	1041.11	4.11
Aroclor-1016	4	4.501	1000	1026.81	2.68
Aroclor-1016	5	4.745	1000	1026.92	2.69
Aroclor-1016	6	5.177	1000	1046.13	4.61
Aroclor-1016	7	5.564	1000	1062.62	6.26
Aroclor-1016	8	5.772	1000	1041.77	4.18
Aroclor-1260	1	7.769	1000	1076.81	7.68
Aroclor-1260	2	8.224	1000	1053.85	5.38
Aroclor-1260	3	9.088	1000	1072.43	7.24
Aroclor-1260	4	9.339	1000	1084.33	8.43
Aroclor-1260	5	9.462	1000	1129.82	12.98
Aroclor-1260	6	9.919	1000	1078.36	7.84
Aroclor-1260	7	10.633	1000	1016.75	1.68
Aroclor-1260	8	11.098	1000	1133.97	13.40

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.285	100	99.77	0.23
Decachlorobiphenyl(sur	11.529	100	99.86	0.14

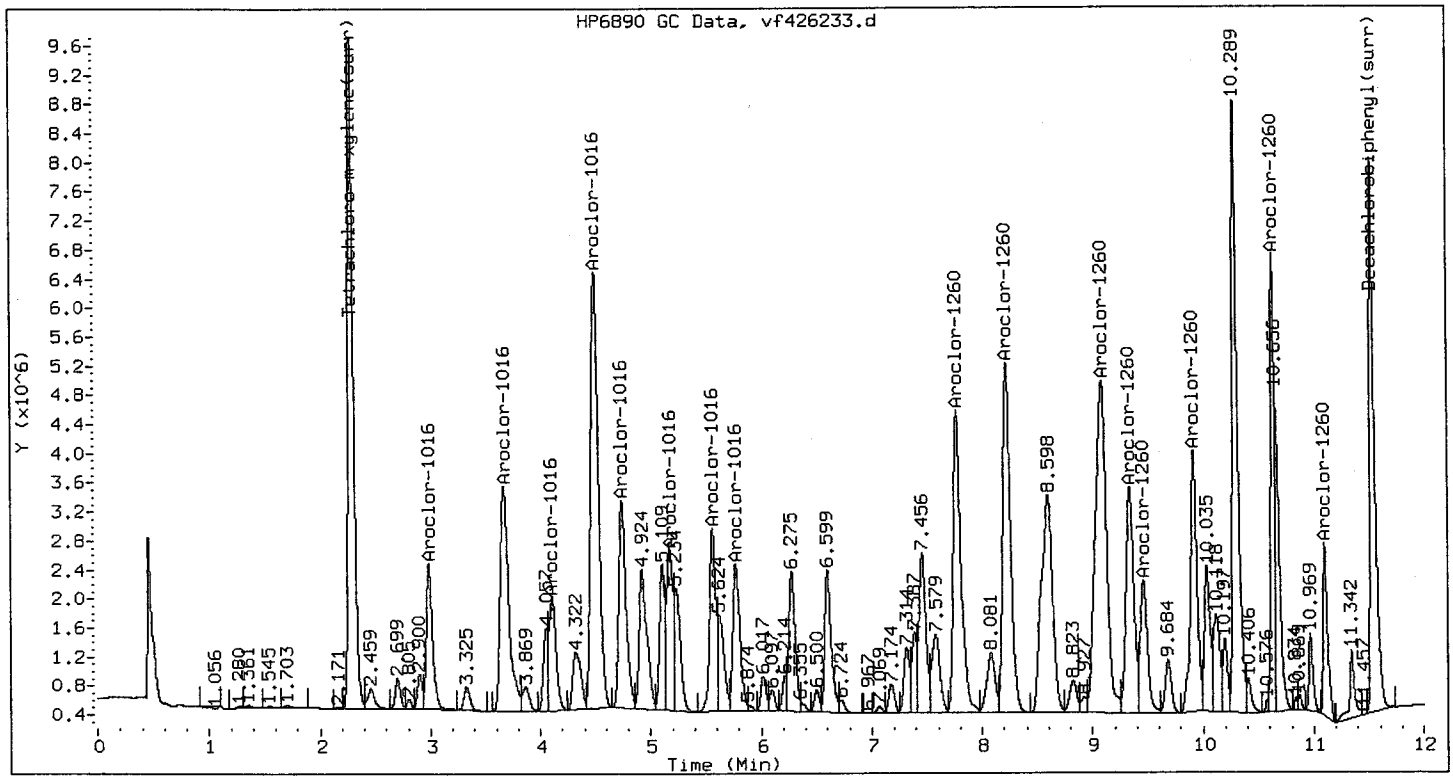
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07b.b/vf426233.d
Injection Date: 17-DEC-2007 13:22

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.987	
	3.667	(3.597 - 3.737)	3.670	
	4.107	(4.037 - 4.177)	4.109	
	4.498	(4.428 - 4.568)	4.501	
	4.742	(4.672 - 4.812)	4.745	
	5.175	(5.105 - 5.245)	5.177	
	5.562	(5.492 - 5.632)	5.564	
	5.770	(5.700 - 5.840)	5.772	
Aroclor-1260	7.768	(7.698 - 7.838)	7.769	
	8.223	(8.153 - 8.293)	8.224	
	9.088	(9.018 - 9.158)	9.088	
	9.338	(9.268 - 9.408)	9.339	
	9.463	(9.393 - 9.533)	9.462	
	9.919	(9.849 - 9.989)	9.919	
	10.633	(10.563 - 10.703)	10.633	
	11.098	(11.028 - 11.168)	11.098	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.285	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.529	



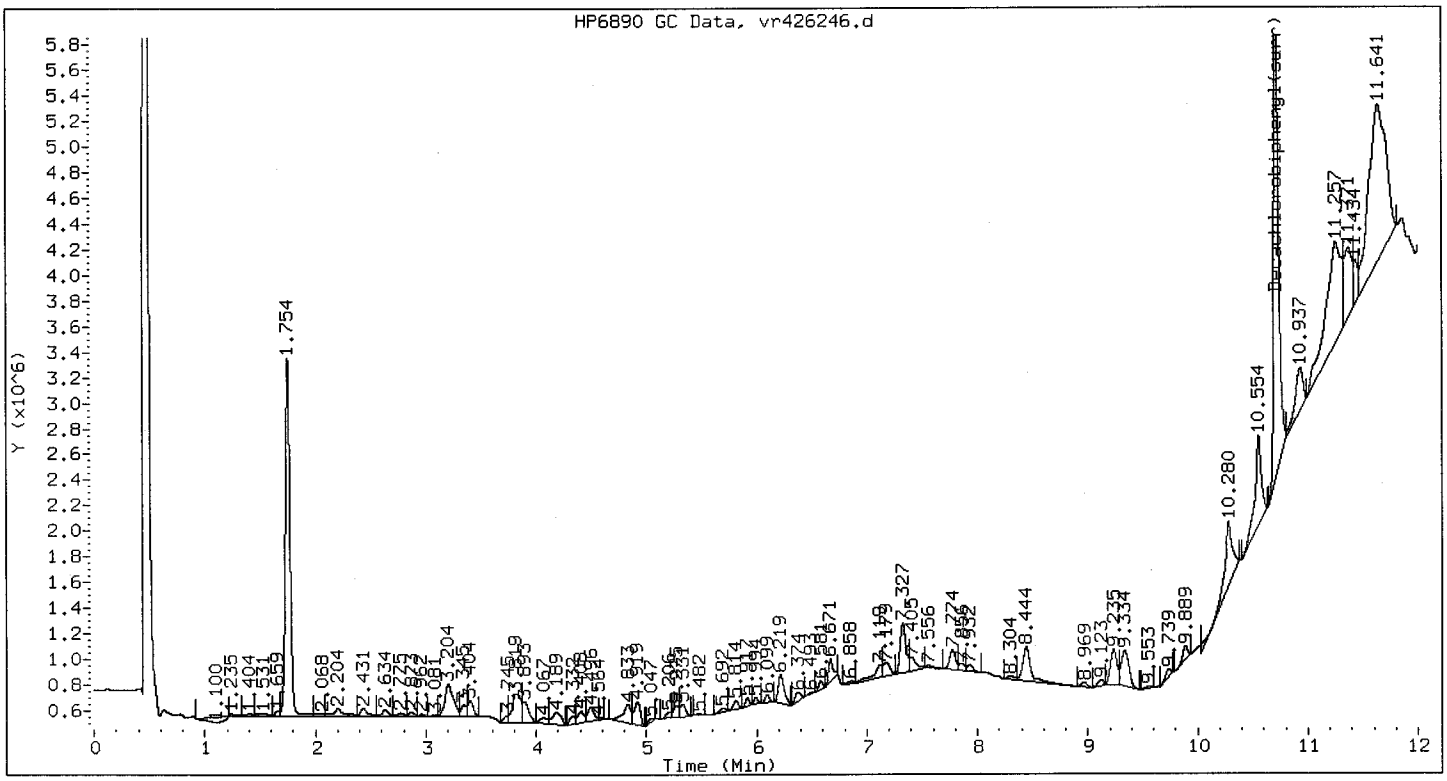
Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07b.b/06Vf8082.m
Sample Info : SG16601l3_00003B
Lab ID : SG16601l3_00003B
Inj Date : 17-DEC-2007 13:22
Operator : 615 12-17-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.987	2.987	0.000	7682720	1023.559	1023.559
(2)		3.670	3.670	0.000	17066852	1035.299	1035.299
(3)		4.109	4.109	0.000	6699604	1041.110	1041.110
(4)		4.501	4.501	0.000	29810990	1026.812	1026.812
(5)		4.745	4.745	0.000	12691326	1026.919	1026.919
(6)		5.177	5.177	0.000	8497201	1046.130	1046.130
(7)		5.564	5.564	0.000	10053863	1062.622	1062.622
(8)		5.772	5.772	0.000	9100747	1041.773	1041.773
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.769	7.769	0.000	20616574	1076.813	1076.813
(2)		8.224	8.224	0.000	23288207	1053.846	1053.846
(3)		9.088	9.088	0.000	32160937	1072.433	1072.433
(4)		9.339	9.339	0.000	15234389	1084.329	1084.329
(5)		9.462	9.462	0.000	8404953	1129.816	1129.816
(6)		9.919	9.919	0.000	14768288	1078.361	1078.361

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.633	10.633	0.000	14923516	1016.752	1016.752
(8)	11.098	11.098	0.000	6569806	1133.970	1133.970
Average of peak concentrations:						1100.00
Tetrachloro-m-xylene(surr)	2.285	2.285	0.000	31954981	99.766	99.766
Decachlorobiphenyl(surr)	11.529	11.529	0.000	23081575	99.860	99.860

COMMENTS:
M - Compound response manually integrated.

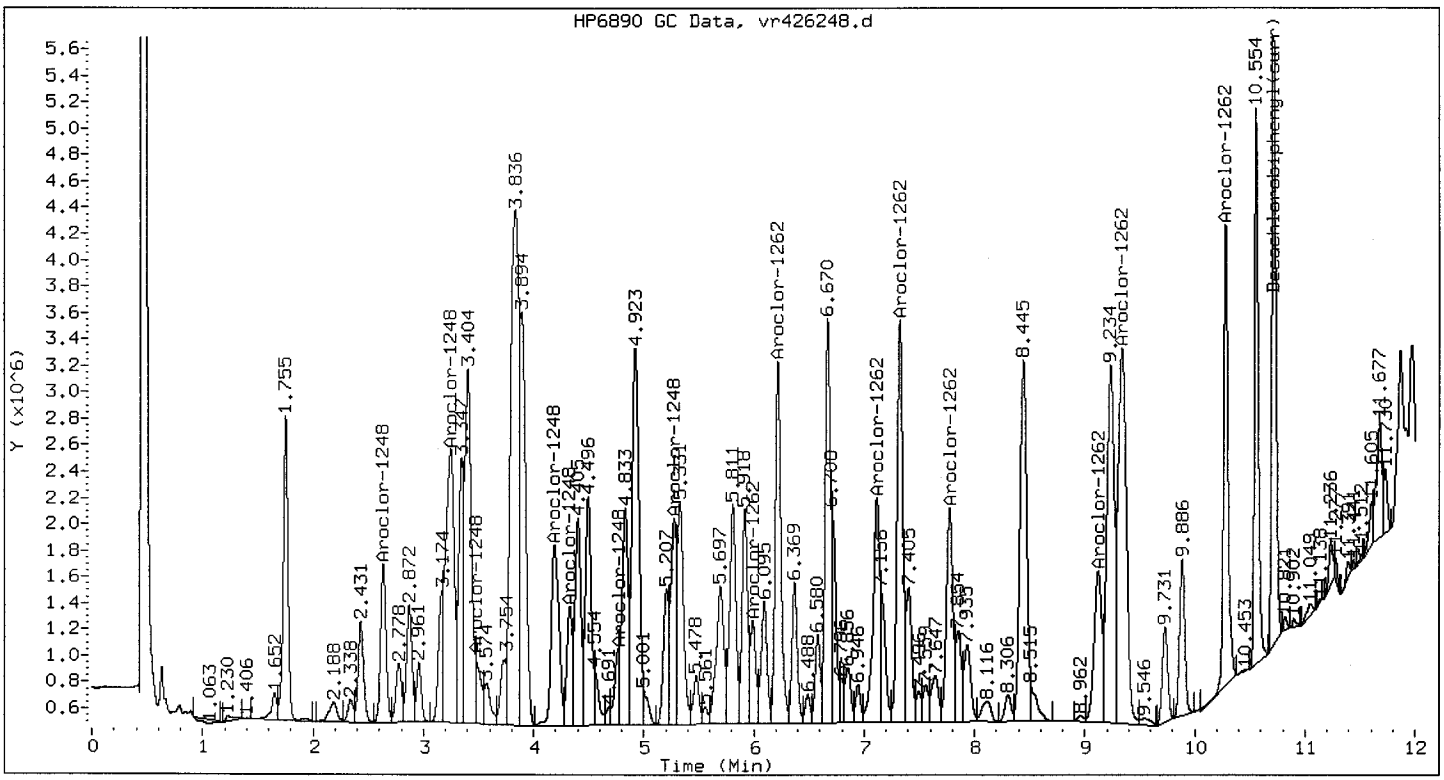


Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b/06Vr8082.m
Sample Info : 884955;4045041
Lab ID : 884955
Inj Date : 17-DEC-2007 16:52
Operator : 615
Cpnd Sublist: PCB8082+

12-20-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.712	10.713	0.001	12798397	39.139	44.001



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b/06Vr8082.m
Sample Info : 884956;4045043
Lab ID : 884956
Inj Date : 17-DEC-2007 17:22
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

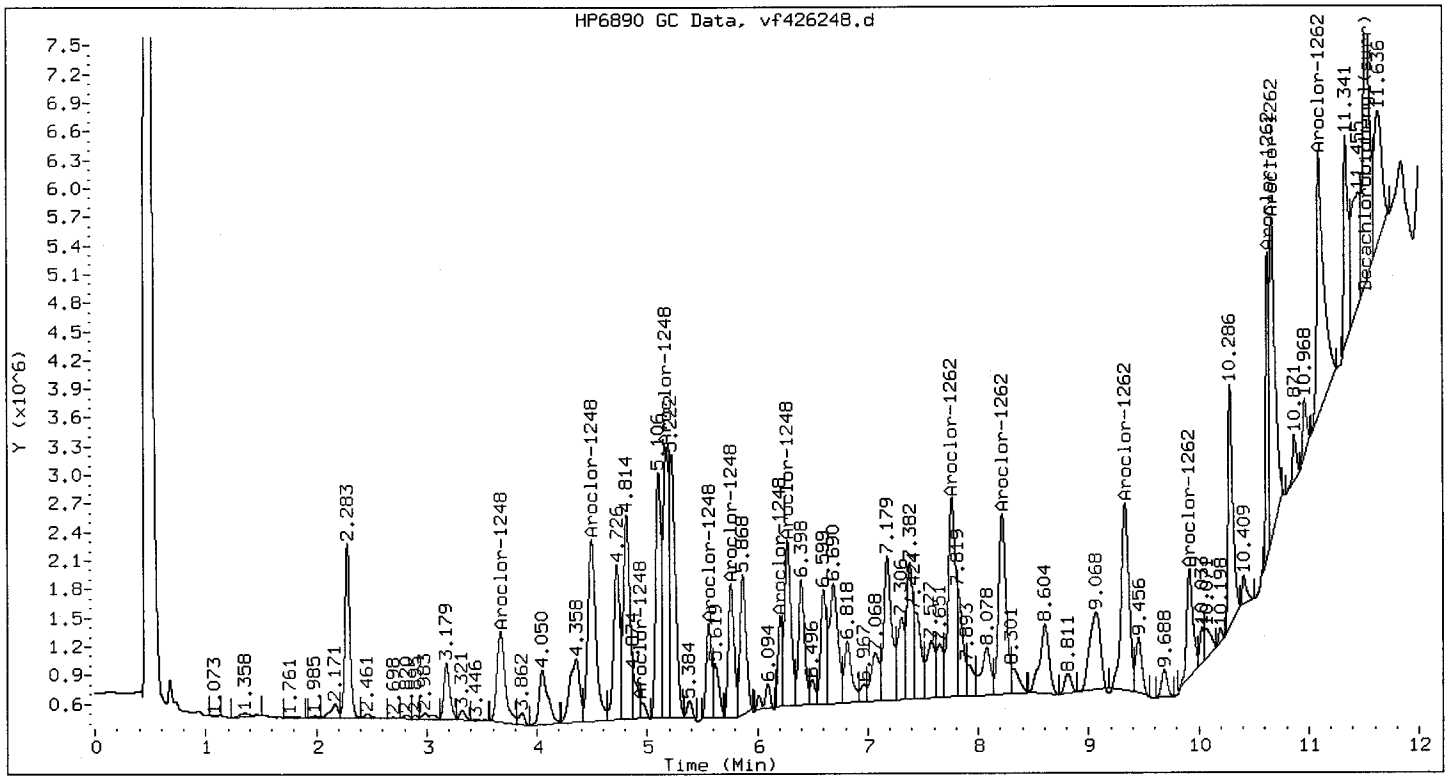
12/22/07

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	(M)	2.637	2.631	0.006	4211799	611.546	519.360
(2)		3.250	3.245	0.004	11470353	634.674	539.001
(3)		3.474	3.475	0.001	1567252	202.651	172.103
(4)		------	3.825	------	------	------	------ (*)
(5)		4.191	4.190	0.001	6730164	339.895	288.658
(6)		4.329	4.334	0.005	2997536	258.664	219.673
(7)		4.775	4.762	0.013	1538190	154.459	131.176
(8)		5.275	5.274	0.001	5571315	354.686	301.220
Average of peak concentrations:							310.00
Aroclor-1262	(M)	5.991	5.995	0.004	2643030	207.671	176.366
(2)		6.218	6.220	0.002	10044790	557.384	473.362
(3)		7.117	7.122	0.005	7326179	479.095	406.875
(4)		7.326	7.329	0.003	11370097	402.651	341.955
(5)		7.776	7.782	0.007	6640215	253.633	215.400
(6)		9.122	9.128	0.006	5380777	272.298	231.251

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)	9.337	9.345	0.008	15419580	587.328	498.793
(8)	10.277	10.280	0.003	9864344	507.956	431.385
Average of peak concentrations:						350.00
Decachlorobiphenyl(surr)	10.711	10.713	0.001	12398916	37.917	32.202

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07b.b/06Vf8082.m
Sample Info : 884956;4045043
Lab ID : 884956
Inj Date : 17-DEC-2007 17:22
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

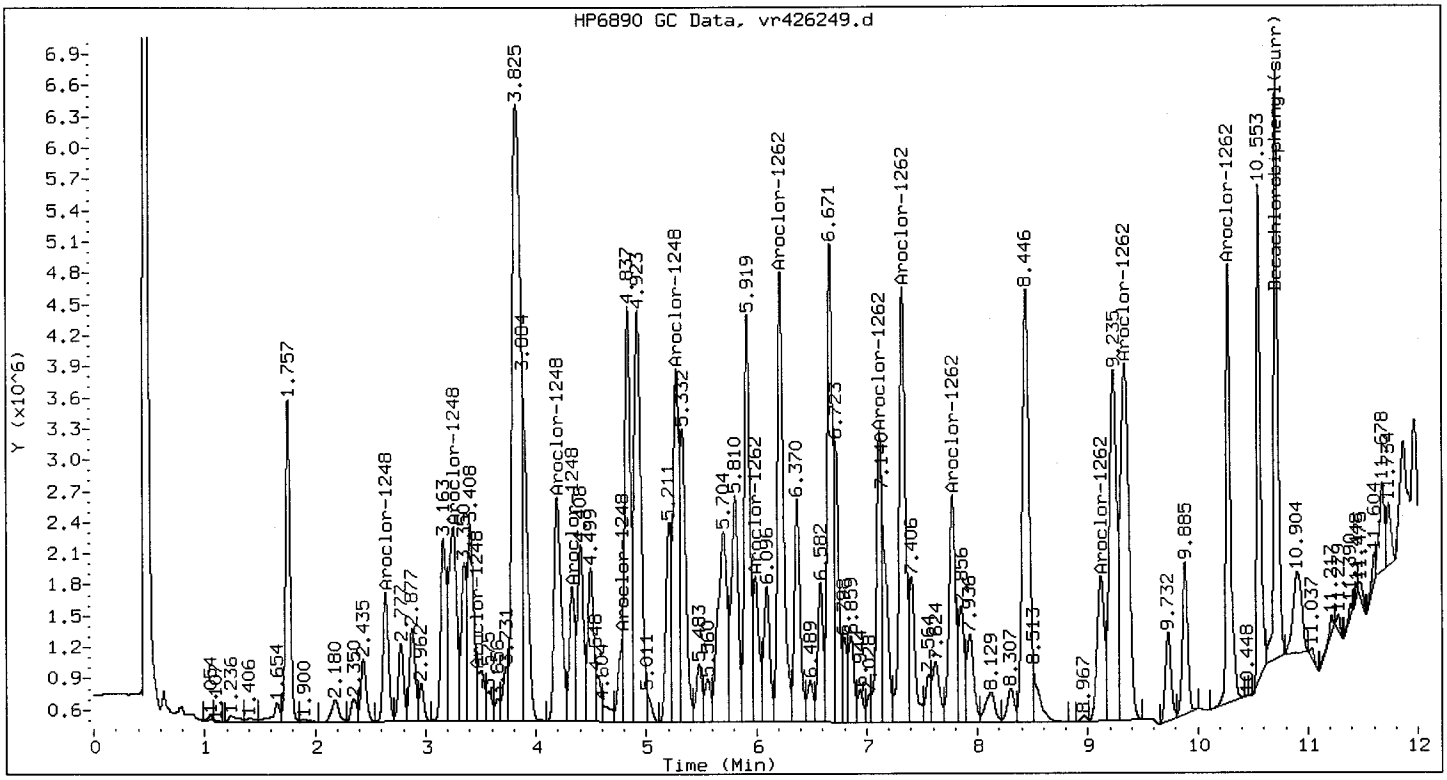
12/22/07

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	(M)	3.670	3.661	0.008	4870821	753.969	640.314
(2)		4.497	4.494	0.003	9664173	623.484	529.498
(3)		4.944	4.967	0.023	442449	190.672	161.929
(4)		5.176	5.174	0.003	9537029	934.343	793.497
(5)		5.560	5.562	0.002	3424478	273.830	232.552
(6)		5.761	5.770	0.008	5181883	400.502	340.129
(7)		6.207	6.210	0.003	2498852	197.359	167.609
(8)		6.276	6.280	0.004	7111282	395.820	336.153
Average of peak concentrations:							400.00
Aroclor-1262	(M)	7.763	7.767	0.004	10119402	648.162	550.456
(2)		8.220	8.223	0.003	8971418	492.752	418.473
(3)		9.331	9.337	0.006	9715392	396.468	336.704
(4)		9.917	9.919	0.002	4256901	223.814	190.075
(5)		10.628	10.630	0.002	5902013	339.691	288.485
(6)		10.666	10.663	0.003	12131193	571.805	485.609

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	11.098	11.098	0.000	11935920	1025.560	870.964
(8)	------	11.340	------	------	------	------ (*)
Average of peak concentrations:						450.00
Decachlorobiphenyl(surr)	11.524	11.529	0.005	13419607	58.059	49.307

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b/06Vr8082.m
Sample Info : 884957;4045045
Lab ID : 884957
Inj Date : 17-DEC-2007 17:38
Operator : 615
Cpnd Sublist: PCB8082+

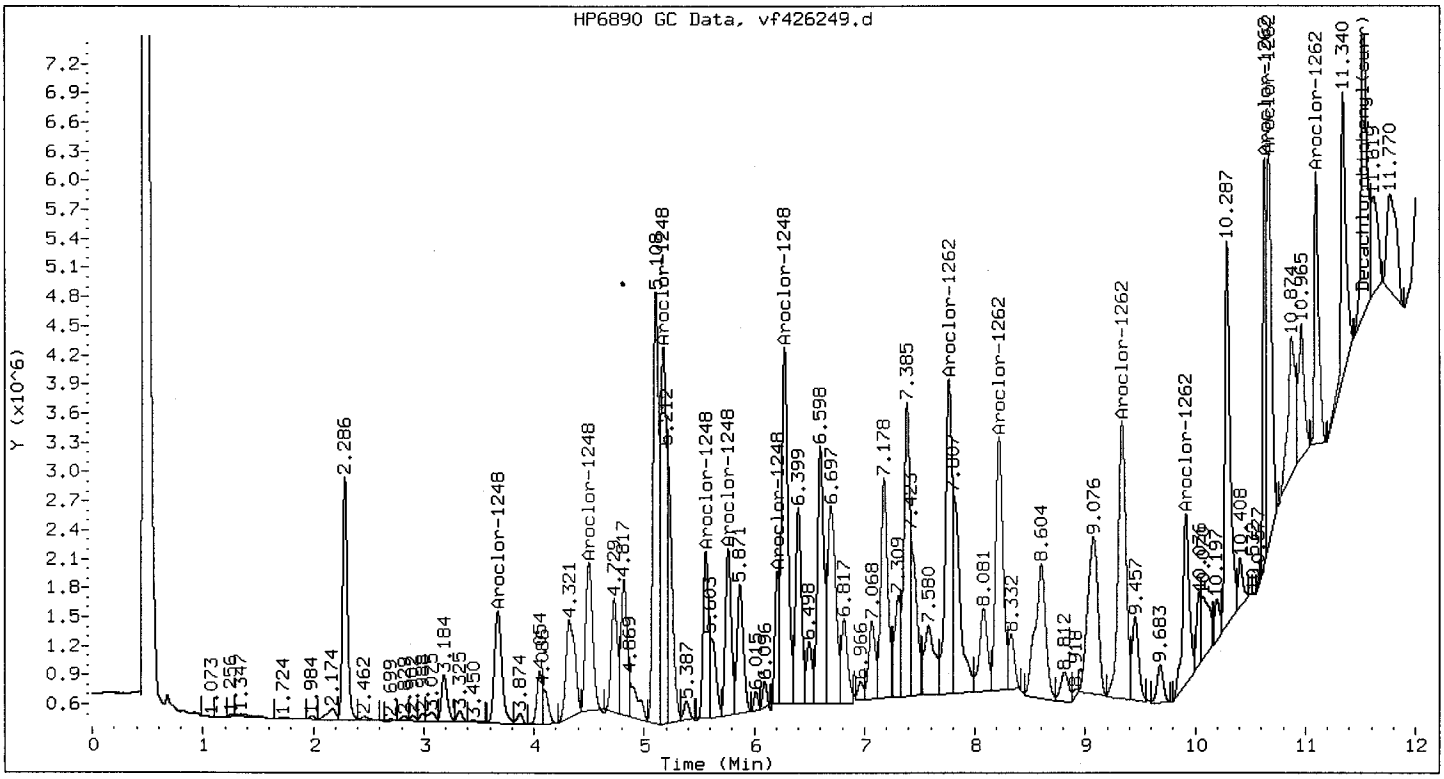
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	(M)	2.639	2.631	0.008	4248919	616.936	848.022
(2)		3.253	3.245	0.008	9113794	504.281	693.170
(3)		3.469	3.475	0.005	2071892	267.902	368.251
(4)		------	3.825	------	------	------	------ (*)
(5)		4.194	4.190	0.004	9905817	500.276	687.665
(6)		4.332	4.334	0.002	4509207	389.110	534.859
(7)		4.786	4.762	0.024	2046473	205.499	282.473
(8)		5.278	5.274	0.004	12769449	812.940	1117.444
Average of peak concentrations:							650.00
Aroclor-1262	(M)	5.993	5.995	0.003	4936448	387.873	533.158
(2)		6.220	6.220	0.000	16559427	918.880	1263.066
(3)		7.119	7.122	0.003	8651611	565.771	777.693
(4)		7.326	7.329	0.003	16136556	571.447	785.494
(5)		7.777	7.782	0.005	9054552	345.853	475.399
(6)		9.122	9.128	0.006	6289654	318.292	437.515

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.338	9.345	0.007	18432710	702.098	965.083
(8)	10.278	10.280	0.003	12083084	622.208	855.269
Average of peak concentrations:						760.00
Decachlorobiphenyl(surr)	10.711	10.713	0.002	14632382	44.748	61.509

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07b.b/06Vf8082.m
Sample Info : 884957;4045045
Lab ID : 884957
Inj Date : 17-DEC-2007 17:38
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

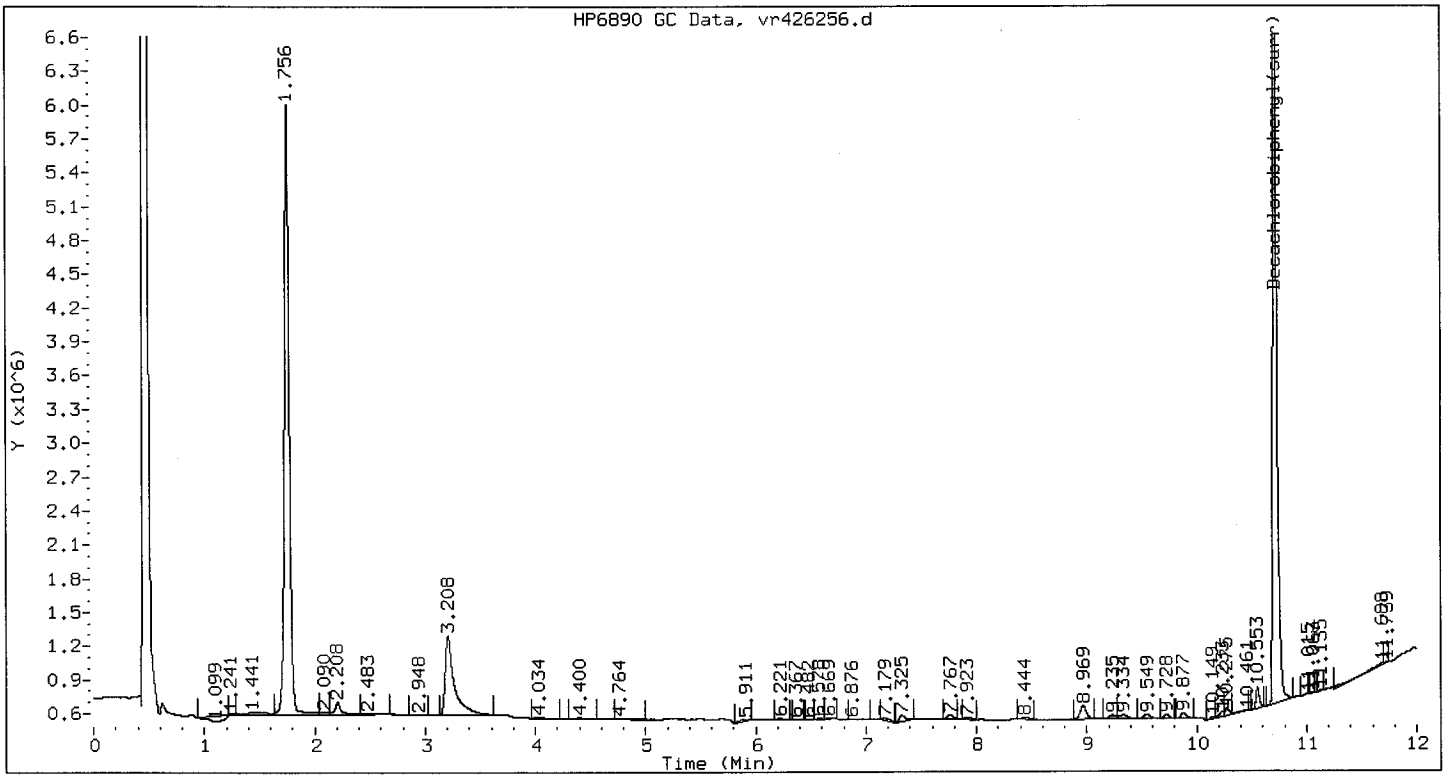
CONCENTRATIONS

Compounds		RT	EXP RT	DLT RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	(M)	3.673	3.661	0.011	5402147	836.215	1149.436
(2)		4.501	4.494	0.007	6849071	441.868	607.378
(3)		------	4.967	------	------	------	------ (*)
(4)		5.176	5.174	0.002	14125660	1383.892	1902.257
(5)		5.563	5.562	0.001	5930462	474.216	651.843
(6)		5.764	5.770	0.005	6466503	499.789	686.995
(7)		6.210	6.210	0.000	3421253	270.211	371.423
(8)		6.274	6.280	0.005	15215977	846.934	1164.170
Average of peak concentrations:							930.00
Aroclor-1262	(M)	7.765	7.767	0.002	14180490	908.280	1248.495
(2)		8.220	8.223	0.003	12156611	667.697	917.797
(3)		9.334	9.337	0.004	14268002	582.253	800.347
(4)		9.916	9.919	0.003	7180073	377.504	518.906
(5)		10.628	10.630	0.003	7746186	445.833	612.829
(6)		10.666	10.663	0.003	12706709	598.932	823.274

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	11.097	11.098	0.001	7397484	635.608	873.688
(8)	------	11.340	------	------	------	------ (*)
Average of peak concentrations:						830.00
Decachlorobiphenyl(surr)	11.525	11.529	0.003	12002755	51.929	71.380

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

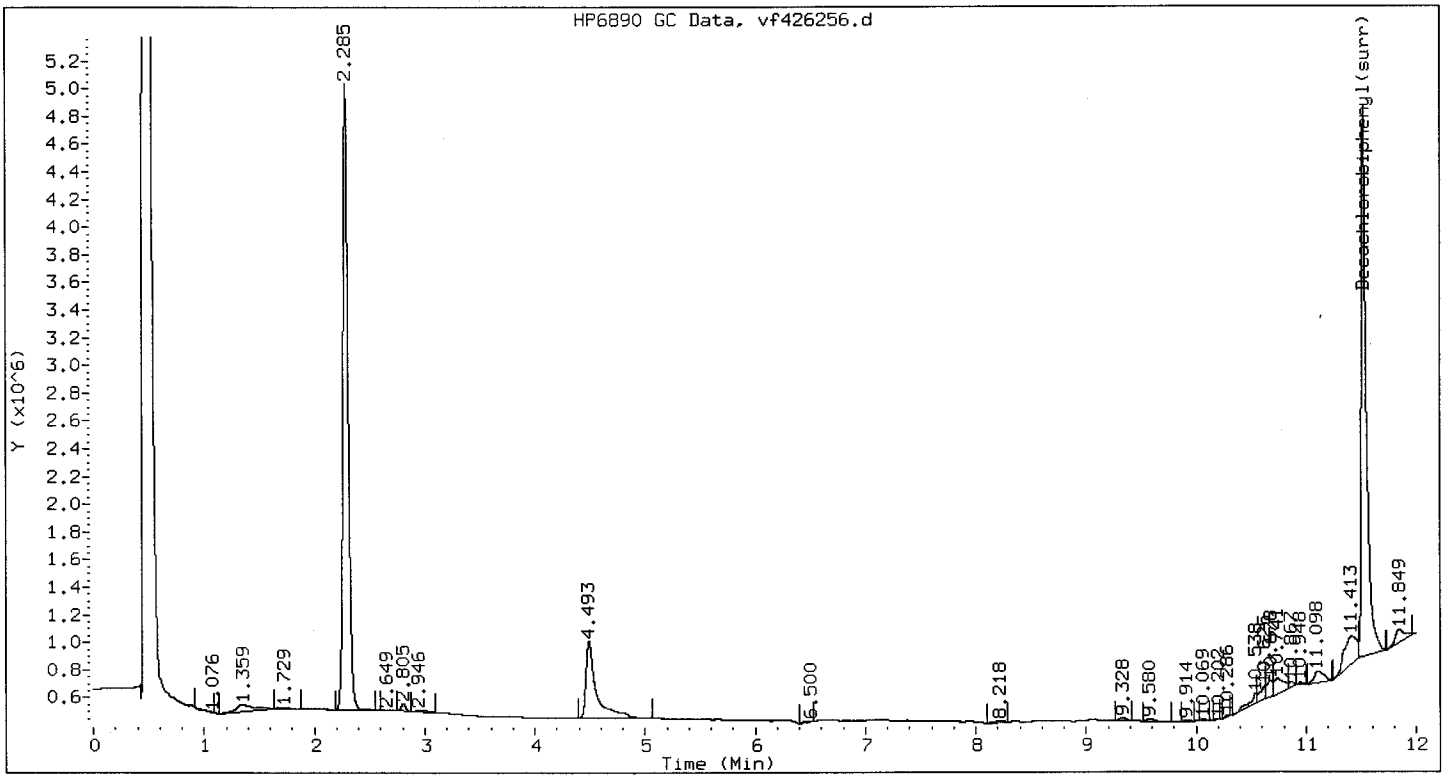


Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b/06Vr8082.m
Sample Info : SP348D;MB77550
Lab ID : SP348D
Inj Date : 17-DEC-2007 19:24
Operator : 615
Cpnd Sublist: PCB8082+

12-20-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

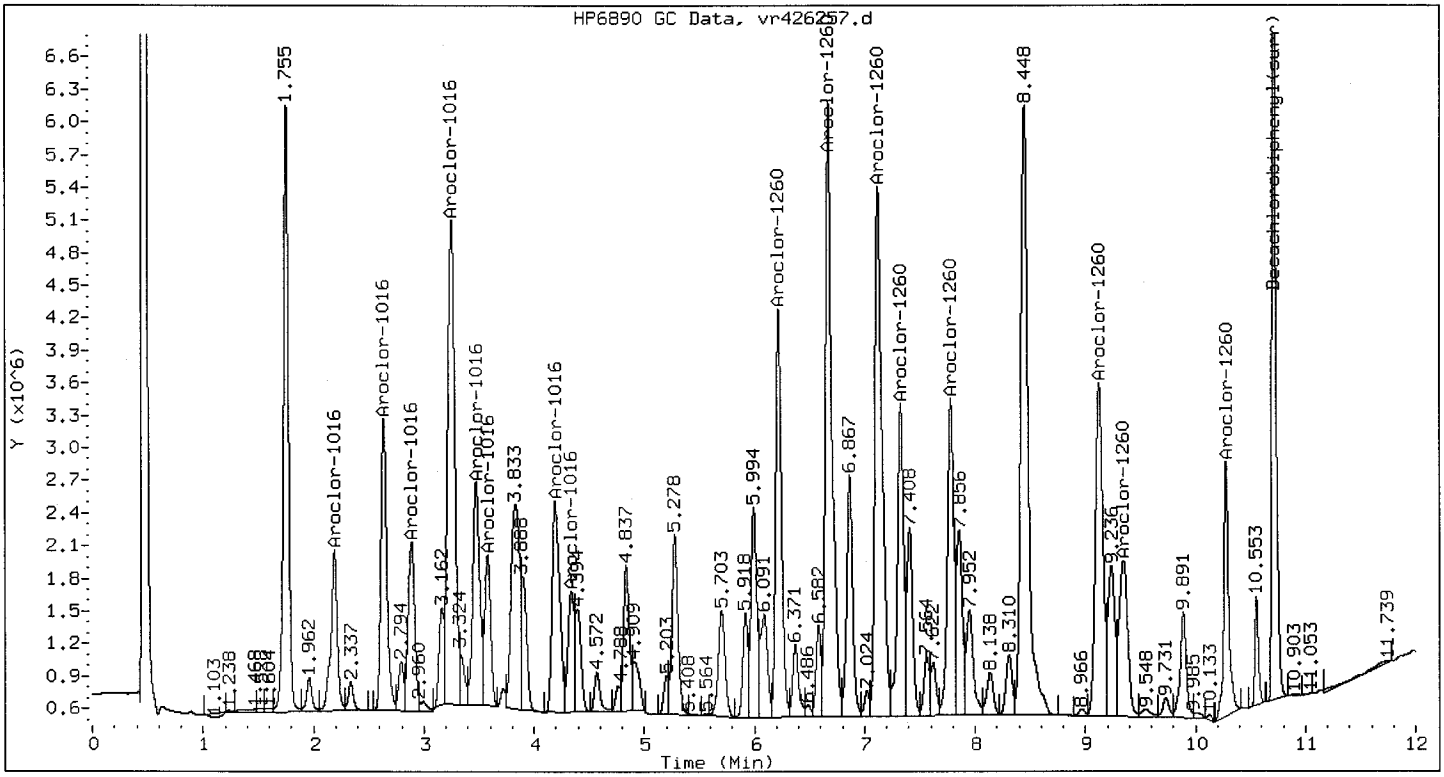
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.711	10.713	0.002	17151731	52.452	34.968



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07b.b/06Vf8082.m
Sample Info : SP348D;MB77550
Lab ID : SP348D
Inj Date : 17-DEC-2007 19:24
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BLANK

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	11.523	11.529	0.006	12297313	53.203	35.469



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b/06Vr8082.m
Sample Info : 6365BS;BS62082
Lab ID : 6365BS
Inj Date : 17-DEC-2007 19:40
Operator : 615
Cpnd Sublist: PCB8082+

12-20-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: BS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.190	2.190	0.000	5949024	638.737	425.825
(2)		2.638	2.639	0.001	9972177	606.042	404.028
(3)		2.891	2.893	0.002	6528192	621.869	414.580
(4)		3.253	3.255	0.003	20618018	601.570	401.047
(5)		3.473	3.475	0.002	8974015	608.751	405.834
(6)		3.579	3.581	0.002	5258457	588.895	392.597
(7)		4.192	4.194	0.003	9296121	584.463	389.642
(8)		4.337	4.339	0.003	4274113	596.870	397.913
Average of peak concentrations:							400.00
Aroclor-1260		6.219	6.222	0.003	13783048	646.113	430.742
(2)		6.671	6.674	0.003	24065810	633.648	422.432
(3)		7.121	7.124	0.003	22584861	637.019	424.679
(4)		7.327	7.330	0.003	11205821	631.850	421.234
(5)		7.780	7.784	0.004	11794618	631.674	421.116
(6)		9.126	9.130	0.004	14526403	632.633	421.756

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.345	9.350	0.005	7964684	673.477	448.985
(8)	10.278	10.281	0.003	7231648	696.964	464.643
Average of peak concentrations:						430.00
Decachlorobiphenyl(surr)	10.711	10.713	0.002	18064343	55.243	36.829

COMMENTS:

M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/vr426259.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Vr8082.m

Sample Information: SG1660L3_00003C
Injection Date: 17-DEC-2007 20:10

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.190	1000	1012.56	1.26
Aroclor-1016	2	2.638	1000	991.80	0.82
Aroclor-1016	3	2.891	1000	1051.26	5.13
Aroclor-1016	4	3.253	1000	976.30	2.37
Aroclor-1016	5	3.474	1000	1053.60	5.36
Aroclor-1016	6	3.579	1000	1081.58	8.16
Aroclor-1016	7	4.193	1000	984.98	1.50
Aroclor-1016	8	4.338	1000	1054.78	5.48
Aroclor-1260	1	6.221	1000	1035.81	3.58
Aroclor-1260	2	6.673	1000	1017.59	1.76
Aroclor-1260	3	7.123	1000	1043.56	4.36
Aroclor-1260	4	7.329	1000	1030.25	3.02
Aroclor-1260	5	7.784	1000	1038.55	3.85
Aroclor-1260	6	9.129	1000	1051.78	5.18
Aroclor-1260	7	9.349	1000	1090.56	9.06
Aroclor-1260	8	10.280	1000	1051.52	5.15

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.755	100	100.09	0.09
Decachlorobiphenyl(sur	10.713	100	90.38	9.62

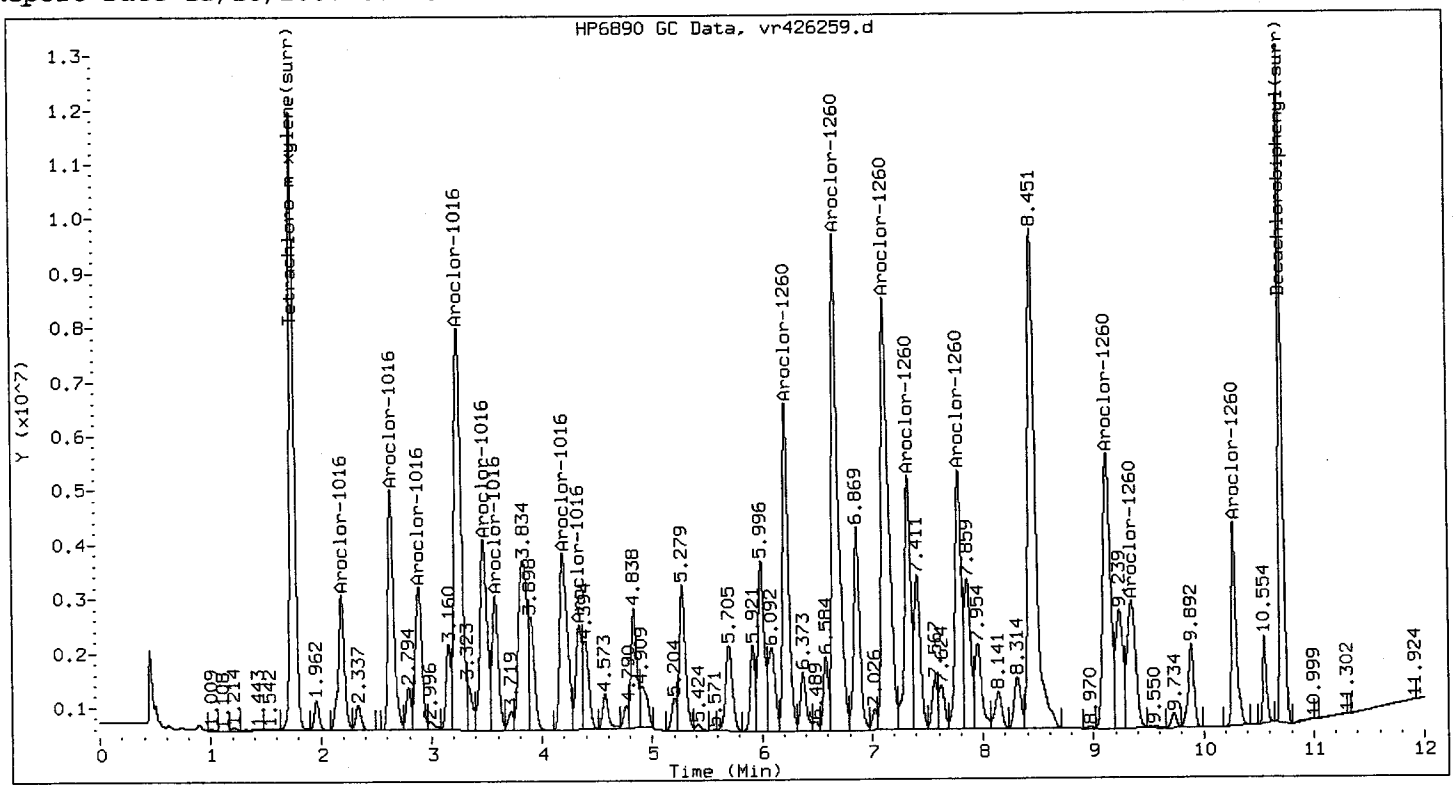
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/vr426259.d
Injection Date: 17-DEC-2007 20:10

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.190	
	2.634	(2.564 - 2.704)	2.638	
	2.888	(2.818 - 2.958)	2.891	
	3.250	(3.180 - 3.320)	3.253	
	3.471	(3.401 - 3.541)	3.474	
	3.576	(3.506 - 3.646)	3.579	
	4.191	(4.121 - 4.261)	4.193	
	4.336	(4.266 - 4.406)	4.338	
Aroclor-1260	6.221	(6.151 - 6.291)	6.221	
	6.672	(6.602 - 6.742)	6.673	
	7.123	(7.053 - 7.193)	7.123	
	7.328	(7.258 - 7.398)	7.329	
	7.784	(7.714 - 7.854)	7.784	
	9.131	(9.061 - 9.201)	9.129	
	9.348	(9.278 - 9.418)	9.349	
	10.281	(10.211 - 10.351)	10.280	
Tetrachloro-m-xylene(surr)	1.750	(1.700 - 1.800)	1.755	
Decachlorobiphenyl(surr)	10.713	(10.613 - 10.813)	10.713	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b/06Vr8082.m
Sample Info : SG1660L3_00003C
Lab ID : SG1660L3_00003C
Inj Date : 17-DEC-2007 20:10
Operator : 615 12-18-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.190	2.190	0.000	9430726	1012.562	1012.562
(2)		2.638	2.638	0.000	16319678	991.801	991.801
(3)		2.891	2.891	0.000	11035761	1051.256	1051.256
(4)		3.253	3.253	0.000	33461335	976.298	976.298
(5)		3.474	3.474	0.000	15531866	1053.601	1053.601
(6)		3.579	3.579	0.000	9657816	1081.579	1081.579
(7)		4.193	4.193	0.000	15666502	984.980	984.980
(8)		4.338	4.338	0.000	7553120	1054.775	1054.775
Average of peak concentrations:							1000.00
Aroclor-1260		6.221	6.221	0.000	22096186	1035.811	1035.811
(2)		6.673	6.673	0.000	38647675	1017.586	1017.586
(3)		7.123	7.123	0.000	36998349	1043.560	1043.560
(4)		7.329	7.329	0.000	18271397	1030.249	1030.249
(5)		7.784	7.784	0.000	19391716	1038.545	1038.545
(6)		9.129	9.129	0.000	24150707	1051.777	1051.777

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)	9.349	9.349	0.000	12897156	1090.557	1090.557
(8)	10.280	10.280	0.000	10910477	1051.519	1051.519
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	1.755	1.755	0.000	34374341	100.087	100.087
Decachlorobiphenyl(surr)	10.713	10.713	0.000	29553689	90.379	90.379

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07c.b/vf426259.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07c.b/06Vf8082.m

Sample Information: SG1660L3_00003C
Injection Date: 17-DEC-2007 20:10

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.986	1000	1003.13	0.31
Aroclor-1016	2	3.669	1000	1015.63	1.56
Aroclor-1016	3	4.109	1000	1033.41	3.34
Aroclor-1016	4	4.500	1000	1026.37	2.64
Aroclor-1016	5	4.744	1000	1046.26	4.63
Aroclor-1016	6	5.176	1000	1039.87	3.99
Aroclor-1016	7	5.563	1000	1020.31	2.03
Aroclor-1016	8	5.771	1000	1041.19	4.12
Aroclor-1260	1	7.768	1000	1053.51	5.35
Aroclor-1260	2	8.223	1000	1030.98	3.10
Aroclor-1260	3	9.086	1000	1049.09	4.91
Aroclor-1260	4	9.336	1000	1056.15	5.61
Aroclor-1260	5	9.460	1000	1095.69	9.57
Aroclor-1260	6	9.918	1000	1051.84	5.18
Aroclor-1260	7	10.632	1000	939.80	6.02
Aroclor-1260	8	11.096	1000	1033.42	3.34

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.284	100	97.97	2.03
Decachlorobiphenyl(sur	11.523	100	99.02	0.98

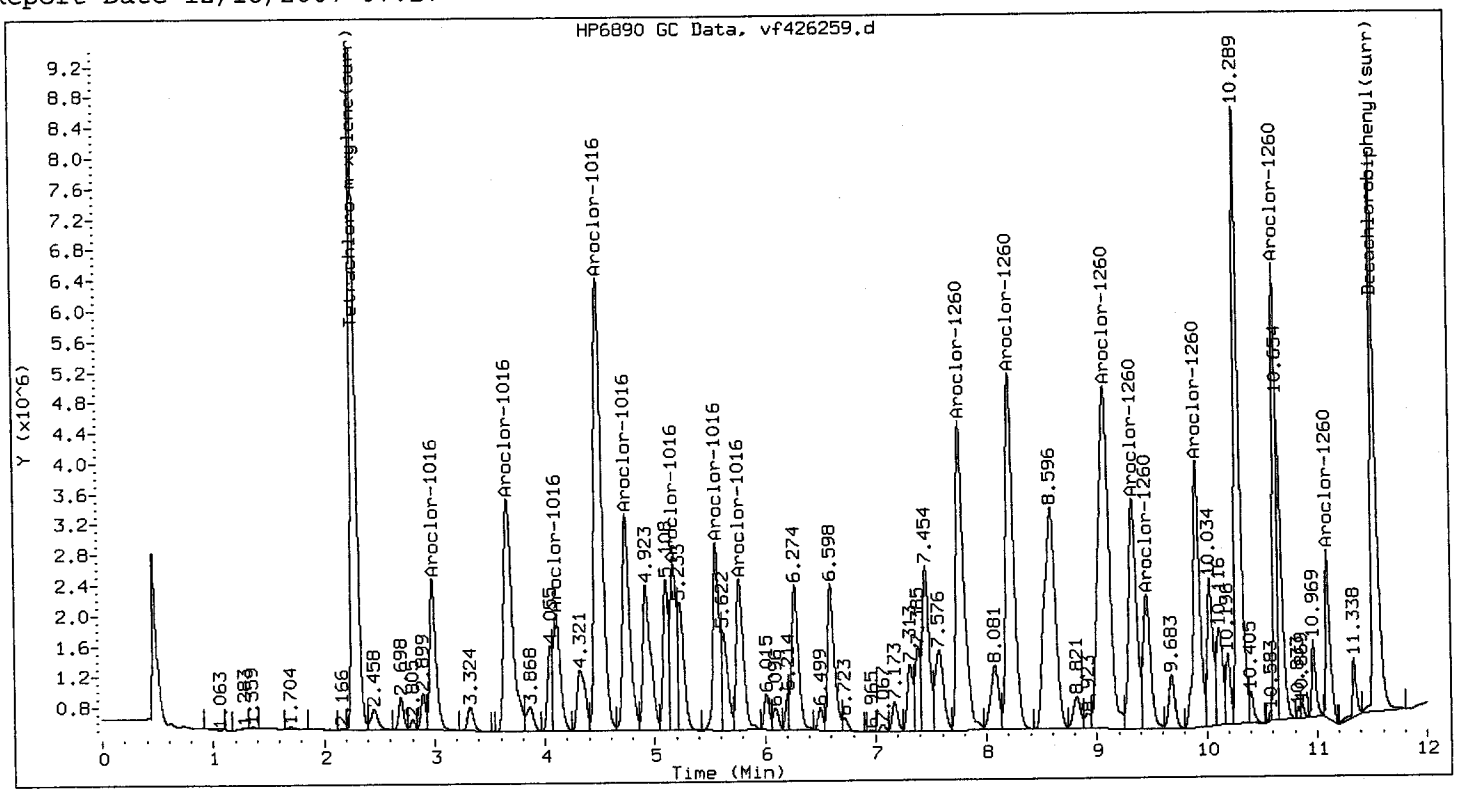
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07c.b/vf426259.d
Injection Date: 17-DEC-2007 20:10

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.986	
	3.667	(3.597 - 3.737)	3.669	
	4.107	(4.037 - 4.177)	4.109	
	4.498	(4.428 - 4.568)	4.500	
	4.742	(4.672 - 4.812)	4.744	
	5.175	(5.105 - 5.245)	5.176	
	5.562	(5.492 - 5.632)	5.563	
	5.770	(5.700 - 5.840)	5.771	
Aroclor-1260	7.768	(7.698 - 7.838)	7.768	
	8.223	(8.153 - 8.293)	8.223	
	9.088	(9.018 - 9.158)	9.086	
	9.338	(9.268 - 9.408)	9.336	
	9.463	(9.393 - 9.533)	9.460	
	9.919	(9.849 - 9.989)	9.918	
	10.633	(10.563 - 10.703)	10.632	
	11.098	(11.028 - 11.168)	11.096	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.284	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.523	



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07c.b/06Vf8082.m
Sample Info : SG1660L3_00003C
Lab ID : SG1660L3_00003C
Inj Date : 17-DEC-2007 20:10
Operator : 615 12-18-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.986	2.986	0.000	7529415	1003.135	1003.135
(2)		3.669	3.669	0.000	16742688	1015.635	1015.635
(3)		4.109	4.109	0.000	6650045	1033.408	1033.408
(4)		4.500	4.500	0.000	29798280	1026.374	1026.374
(5)		4.744	4.744	0.000	12930349	1046.260	1046.260
(6)		5.176	5.176	0.000	8446340	1039.869	1039.869
(7)		5.563	5.563	0.000	9653538	1020.310	1020.310
(8)		5.771	5.771	0.000	9095695	1041.194	1041.194
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.768	7.768	0.000	20170345	1053.506	1053.506
(2)		8.223	8.223	0.000	22782918	1030.980	1030.980
(3)		9.086	9.086	0.000	31460918	1049.091	1049.091
(4)		9.336	9.336	0.000	14838446	1056.147	1056.147
(5)		9.460	9.460	0.000	8151063	1095.688	1095.688
(6)		9.918	9.918	0.000	14405019	1051.836	1051.836

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)	10.632	10.632	0.000	13794014	939.798	939.798
(8)	11.096	11.096	0.000	5987235	1033.416	1033.416
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	2.284	2.284	0.000	31378835	97.967	97.967
Decachlorobiphenyl(surr)	11.523	11.523	0.000	22888202	99.023	99.023

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/vr426283.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Vr8082.m

Sample Information: SG1660L3_000003D
Injection Date: 18-DEC-2007 02:15

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.191	1000	1005.70	0.57
Aroclor-1016	2	2.639	1000	989.68	1.03
Aroclor-1016	3	2.894	1000	1046.71	4.67
Aroclor-1016	4	3.255	1000	971.31	2.87
Aroclor-1016	5	3.476	1000	1055.03	5.50
Aroclor-1016	6	3.582	1000	1119.51	11.95
Aroclor-1016	7	4.195	1000	982.20	1.78
Aroclor-1016	8	4.341	1000	1029.39	2.94
Aroclor-1260	1	6.223	1000	1052.25	5.22
Aroclor-1260	2	6.674	1000	1027.73	2.77
Aroclor-1260	3	7.125	1000	1054.72	5.47
Aroclor-1260	4	7.332	1000	985.33	1.47
Aroclor-1260	5	7.785	1000	1048.41	4.84
Aroclor-1260	6	9.132	1000	1046.98	4.70
Aroclor-1260	7	9.350	1000	1088.01	8.80
Aroclor-1260	8	10.281	1000	1052.42	5.24

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.756	100	98.89	1.11
Decachlorobiphenyl(sur	10.713	100	91.01	8.99

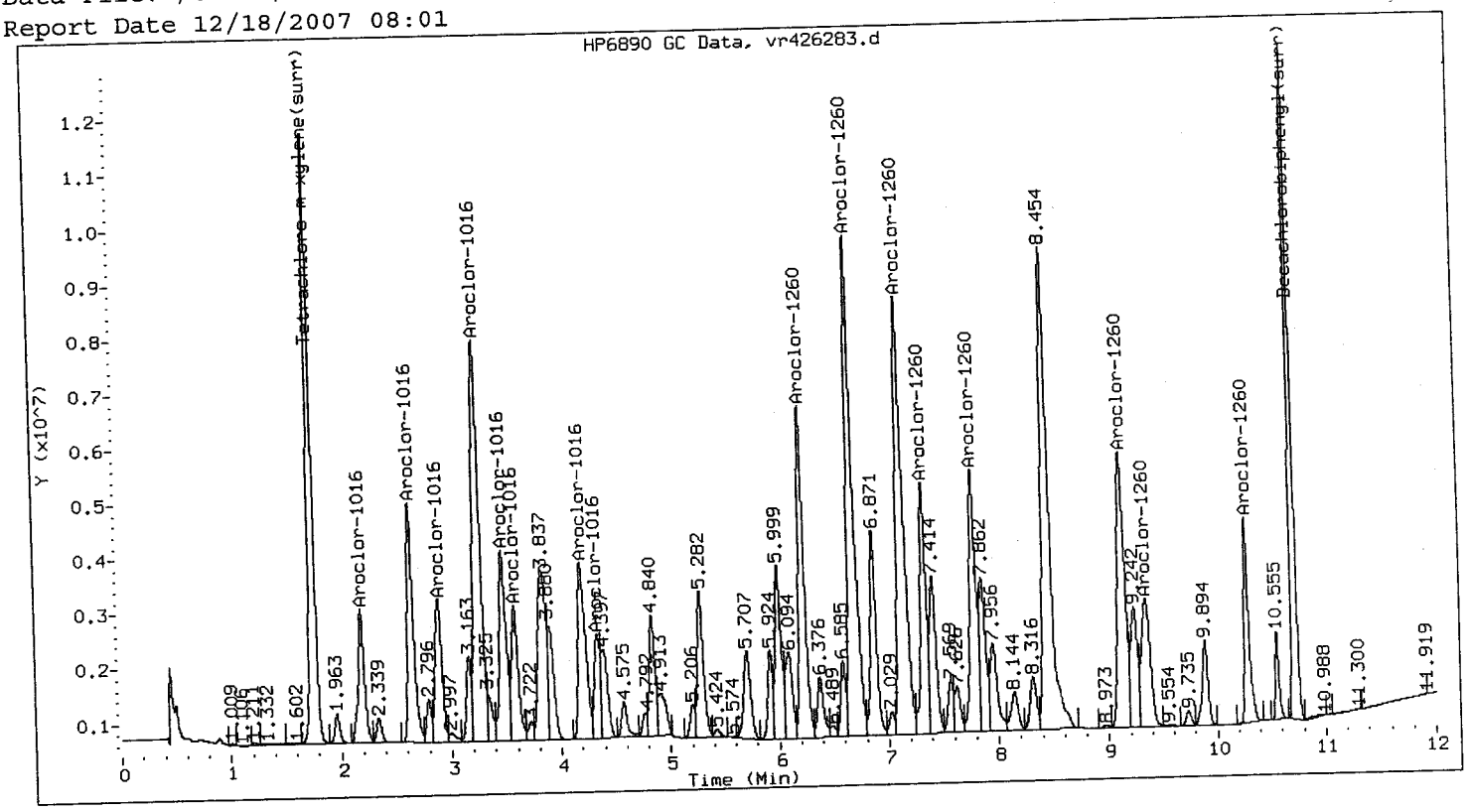
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/vr426283.d
Injection Date: 18-DEC-2007 02:15

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.191	
	2.634	(2.564 - 2.704)	2.639	
	2.888	(2.818 - 2.958)	2.894	
	3.250	(3.180 - 3.320)	3.255	
	3.471	(3.401 - 3.541)	3.476	
	3.576	(3.506 - 3.646)	3.582	
	4.191	(4.121 - 4.261)	4.195	
	4.336	(4.266 - 4.406)	4.341	
Aroclor-1260	6.221	(6.151 - 6.291)	6.223	
	6.672	(6.602 - 6.742)	6.674	
	7.123	(7.053 - 7.193)	7.125	
	7.328	(7.258 - 7.398)	7.332	
	7.784	(7.714 - 7.854)	7.785	
	9.131	(9.061 - 9.201)	9.132	
	9.348	(9.278 - 9.418)	9.350	
	10.281	(10.211 - 10.351)	10.281	
Tetrachloro-m-xylene(surr)	1.750	(1.700 - 1.800)	1.756	
Decachlorobiphenyl(surr)	10.713	(10.613 - 10.813)	10.713	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Vr8082.m
Sample Info : SG1660L3_000003D
Lab ID : SG1660L3_000003D
Inj Date : 18-DEC-2007 02:15
Operator : 615 12-18-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.191	2.191	0.000	9366805	1005.698	1005.698
(2)		2.639	2.639	0.000	16284773	989.679	989.679
(3)		2.894	2.894	0.000	10988079	1046.714	1046.714
(4)		3.255	3.255	0.000	33290292	971.308	971.308
(5)		3.476	3.476	0.000	15552920	1055.030	1055.030
(6)		3.582	3.582	0.000	9996517	1119.510	1119.510
(7)		4.195	4.195	0.000	15622268	982.199	982.199
(8)		4.341	4.341	0.000	7371366	1029.394	1029.394
Average of peak concentrations:							1000.00
Aroclor-1260		6.223	6.223	0.000	22446788	1052.246	1052.246
(2)		6.674	6.674	0.000	39032761	1027.726	1027.726
(3)		7.125	7.125	0.000	37393969	1054.719	1054.719
(4)		7.332	7.332	0.000	17474680	985.326	985.326
(5)		7.785	7.785	0.000	19575926	1048.411	1048.411
(6)		9.132	9.132	0.000	24040518	1046.979	1046.979

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.350	9.350	0.000	12867031	1088.010	1088.010
(8)	10.281	10.281	0.000	10919828	1052.420	1052.420
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	1.756	1.756	0.000	33964362	98.893	98.893
Decachlorobiphenyl(surr)	10.713	10.713	0.000	29759409	91.008	91.008

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07d.b/vf426283.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07d.b/06Vf8082.m

Sample Information: SG1660L3_000003D
Injection Date: 18-DEC-2007 02:15

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.987	1000	1006.12	0.61
Aroclor-1016	2	3.671	1000	1016.56	1.66
Aroclor-1016	3	4.110	1000	937.26	6.27
Aroclor-1016	4	4.502	1000	1023.76	2.38
Aroclor-1016	5	4.745	1000	1037.13	3.71
Aroclor-1016	6	5.177	1000	1038.50	3.85
Aroclor-1016	7	5.564	1000	1032.12	3.21
Aroclor-1016	8	5.773	1000	1034.37	3.44
Aroclor-1260	1	7.769	1000	1054.74	5.47
Aroclor-1260	2	8.225	1000	1031.10	3.11
Aroclor-1260	3	9.088	1000	1047.35	4.73
Aroclor-1260	4	9.339	1000	1047.40	4.74
Aroclor-1260	5	9.461	1000	1060.44	6.04
Aroclor-1260	6	9.919	1000	1064.01	6.40
Aroclor-1260	7	10.633	1000	971.94	2.81
Aroclor-1260	8	11.096	1000	1084.71	8.47

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.285	100	98.13	1.87
Decachlorobiphenyl(sur	11.520	100	95.71	4.29

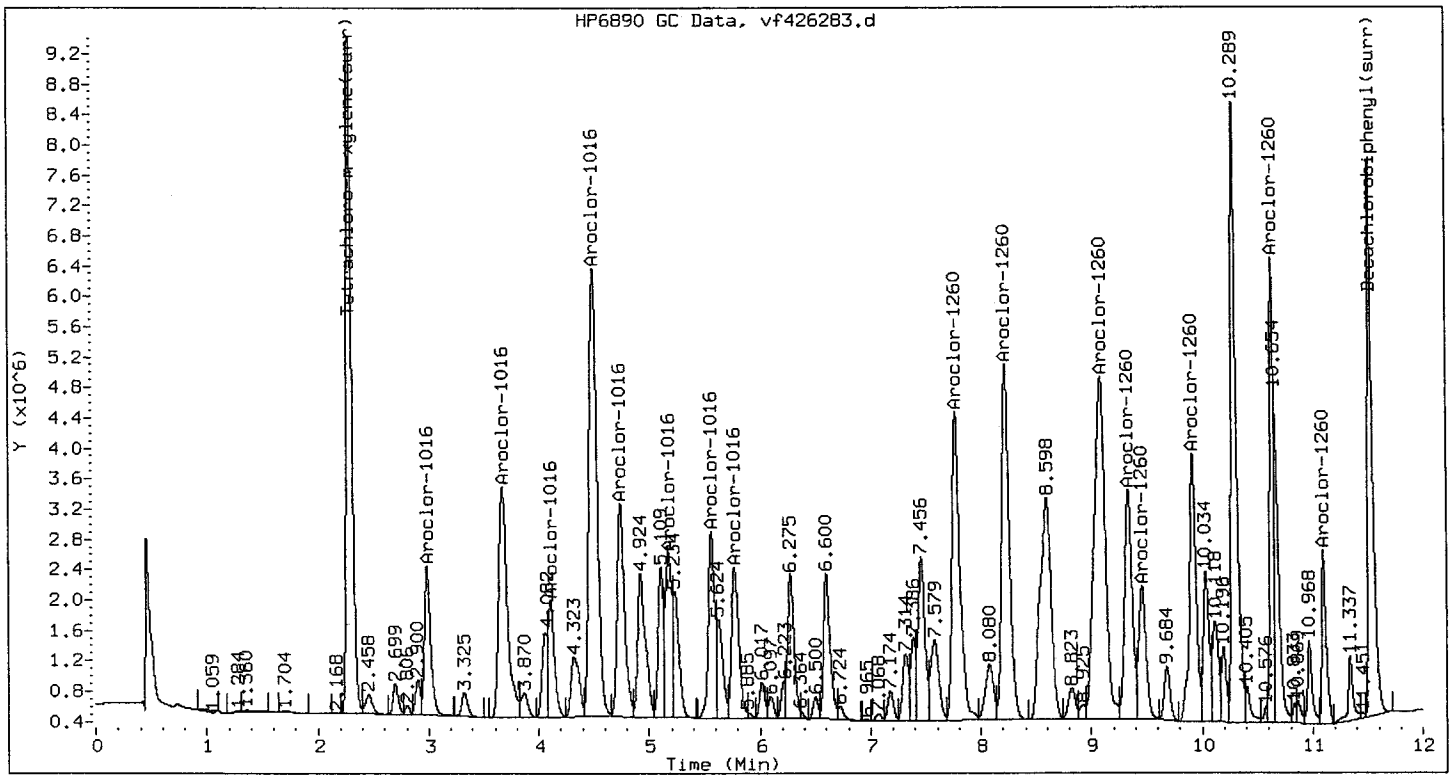
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07d.b/vf426283.d
Injection Date: 18-DEC-2007 02:15

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.987	
	3.667	(3.597 - 3.737)	3.671	
	4.107	(4.037 - 4.177)	4.110	
	4.498	(4.428 - 4.568)	4.502	
	4.742	(4.672 - 4.812)	4.745	
	5.175	(5.105 - 5.245)	5.177	
	5.562	(5.492 - 5.632)	5.564	
	5.770	(5.700 - 5.840)	5.773	
Aroclor-1260	7.768	(7.698 - 7.838)	7.769	
	8.223	(8.153 - 8.293)	8.225	
	9.088	(9.018 - 9.158)	9.088	
	9.338	(9.268 - 9.408)	9.339	
	9.463	(9.393 - 9.533)	9.461	
	9.919	(9.849 - 9.989)	9.919	
	10.633	(10.563 - 10.703)	10.633	
	11.098	(11.028 - 11.168)	11.096	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.285	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.520	



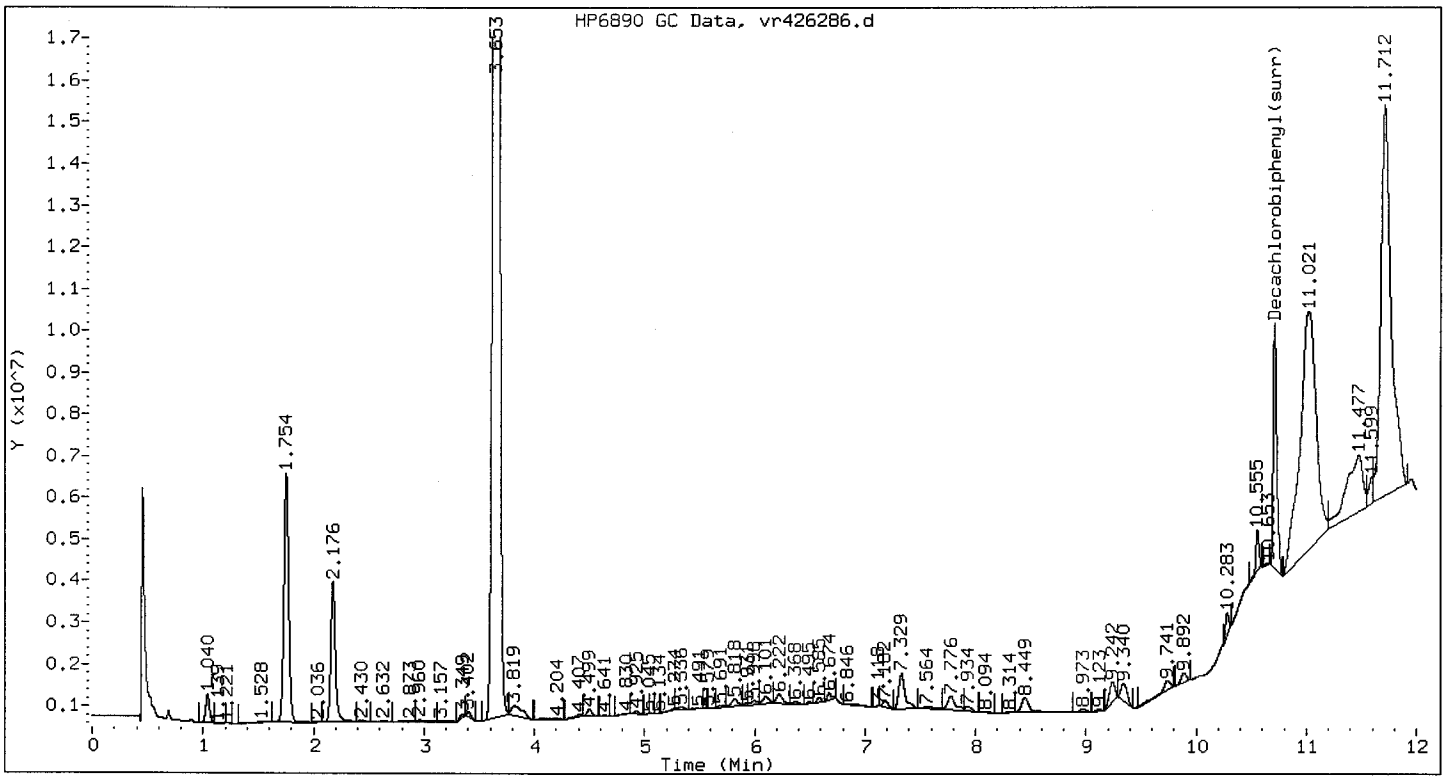
Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07d.b/06Vf8082.m
Sample Info : SG1660L3_000003D
Lab ID : SG1660L3_000003D
Inj Date : 18-DEC-2007 02:15
Operator : 615 12-18-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.987	2.987	0.000	7551806	1006.118	1006.118
(2)		3.671	3.671	0.000	16757937	1016.560	1016.560
(3)		4.110	4.110	0.000	6031307	937.257	937.257
(4)		4.502	4.502	0.000	29722303	1023.757	1023.757
(5)		4.745	4.745	0.000	12817465	1037.126	1037.126
(6)		5.177	5.177	0.000	8435237	1038.502	1038.502
(7)		5.564	5.564	0.000	9765239	1032.116	1032.116
(8)		5.773	5.773	0.000	9036069	1034.369	1034.369
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.769	7.769	0.000	20193996	1054.741	1054.741
(2)		8.225	8.225	0.000	22785661	1031.104	1031.104
(3)		9.088	9.088	0.000	31408605	1047.346	1047.346
(4)		9.339	9.339	0.000	14715508	1047.397	1047.397
(5)		9.461	9.461	0.000	7888851	1060.440	1060.440
(6)		9.919	9.919	0.000	14571790	1064.013	1064.013

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.633	10.633	0.000	14265847	971.944	971.944
(8)	11.096	11.096	0.000	6284440	1084.715	1084.715
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	2.285	2.285	0.000	31432522	98.135	98.135
Decachlorobiphenyl(surr)	11.520	11.520	0.000	22123343	95.714	95.714

COMMENTS:
M - Compound response manually integrated.

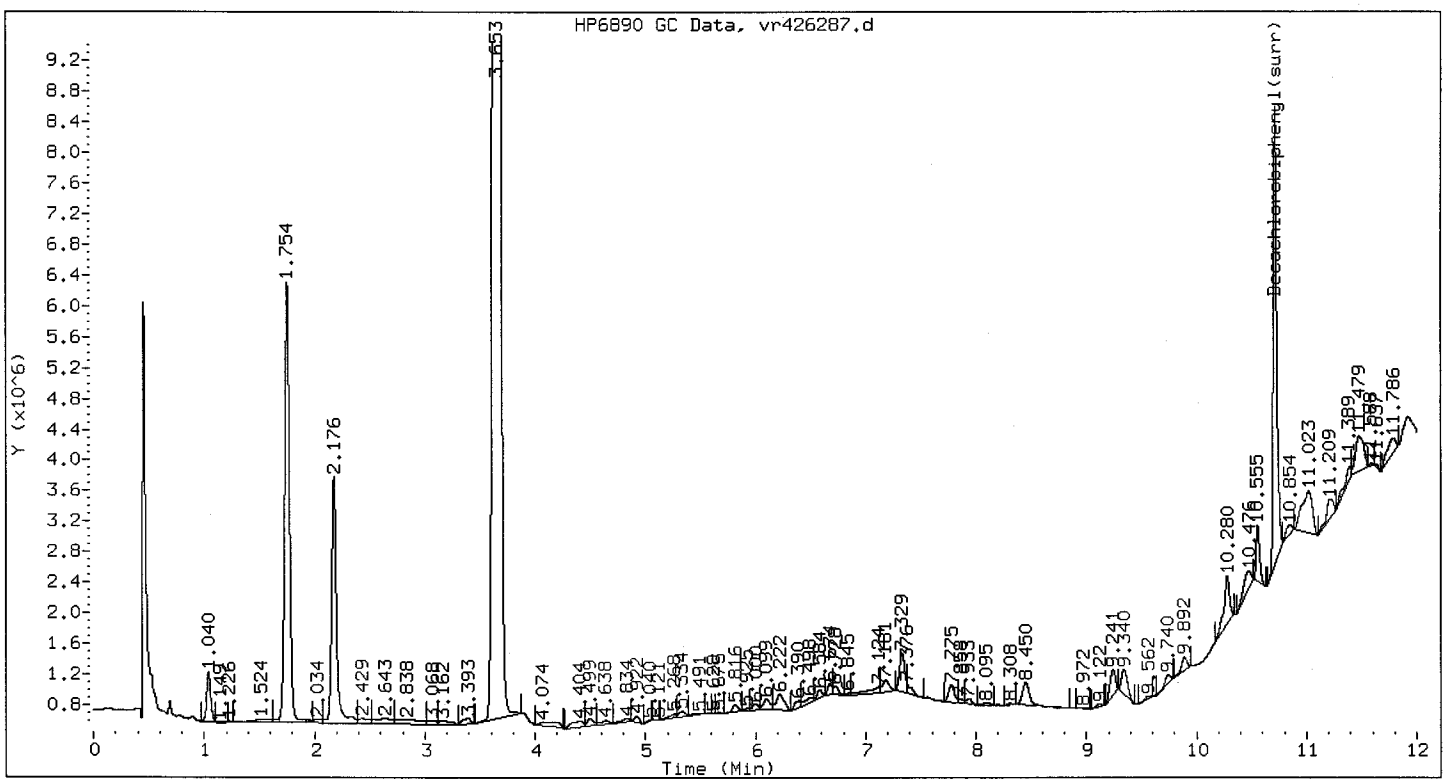


Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Vr8082.m
Sample Info : 884950;4045031
Lab ID : 884950
Inj Date : 18-DEC-2007 03:01
Operator : 615
Cpnd Sublist: PCB8082+

12-20-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.712	10.713	0.001	13586682	41.550	47.350

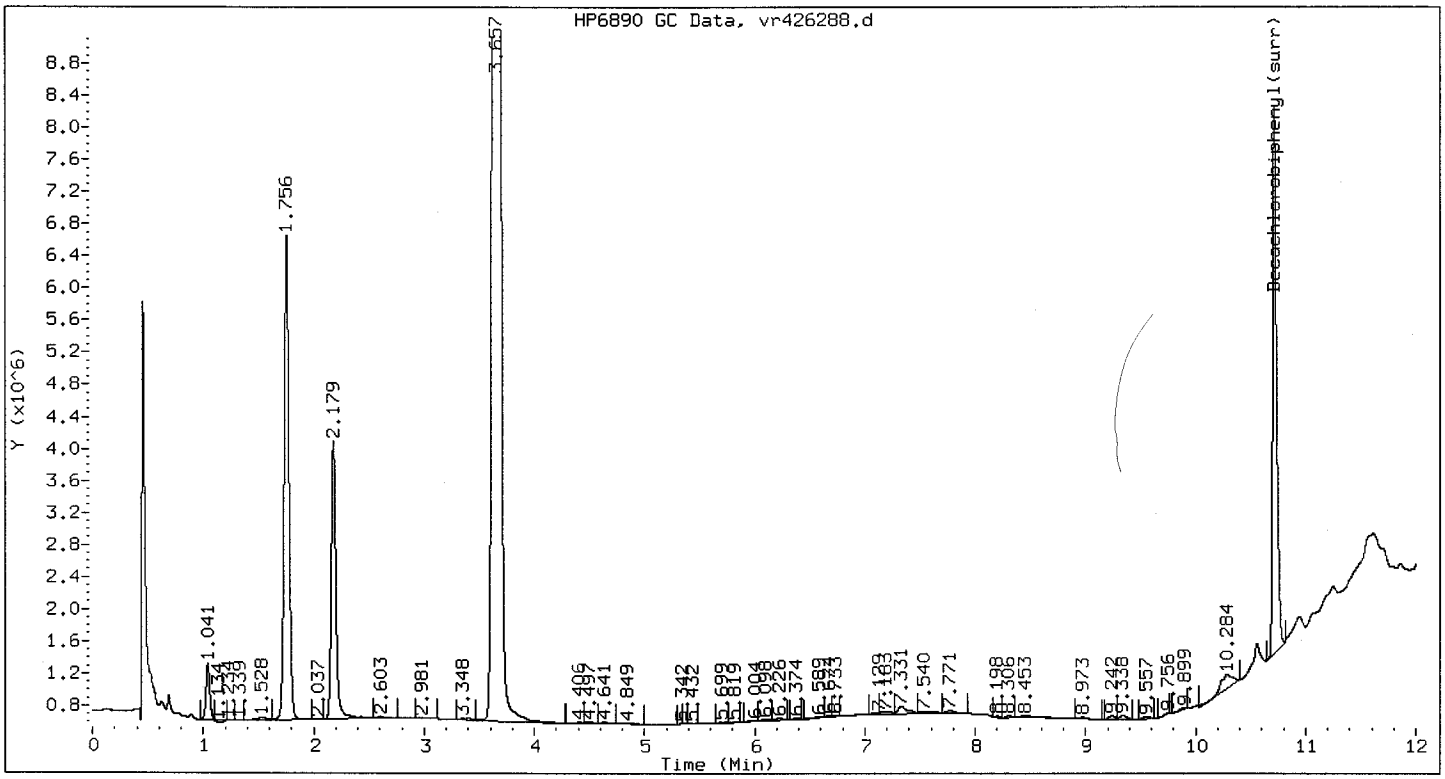


Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Vr8082.m
Sample Info : 884951;4045033
Lab ID : 884951
Inj Date : 18-DEC-2007 03:16
Operator : 615
Cpnd Sublist: PCB8082+

12-20-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.713	10.713	0.000	13650435	41.745	41.849



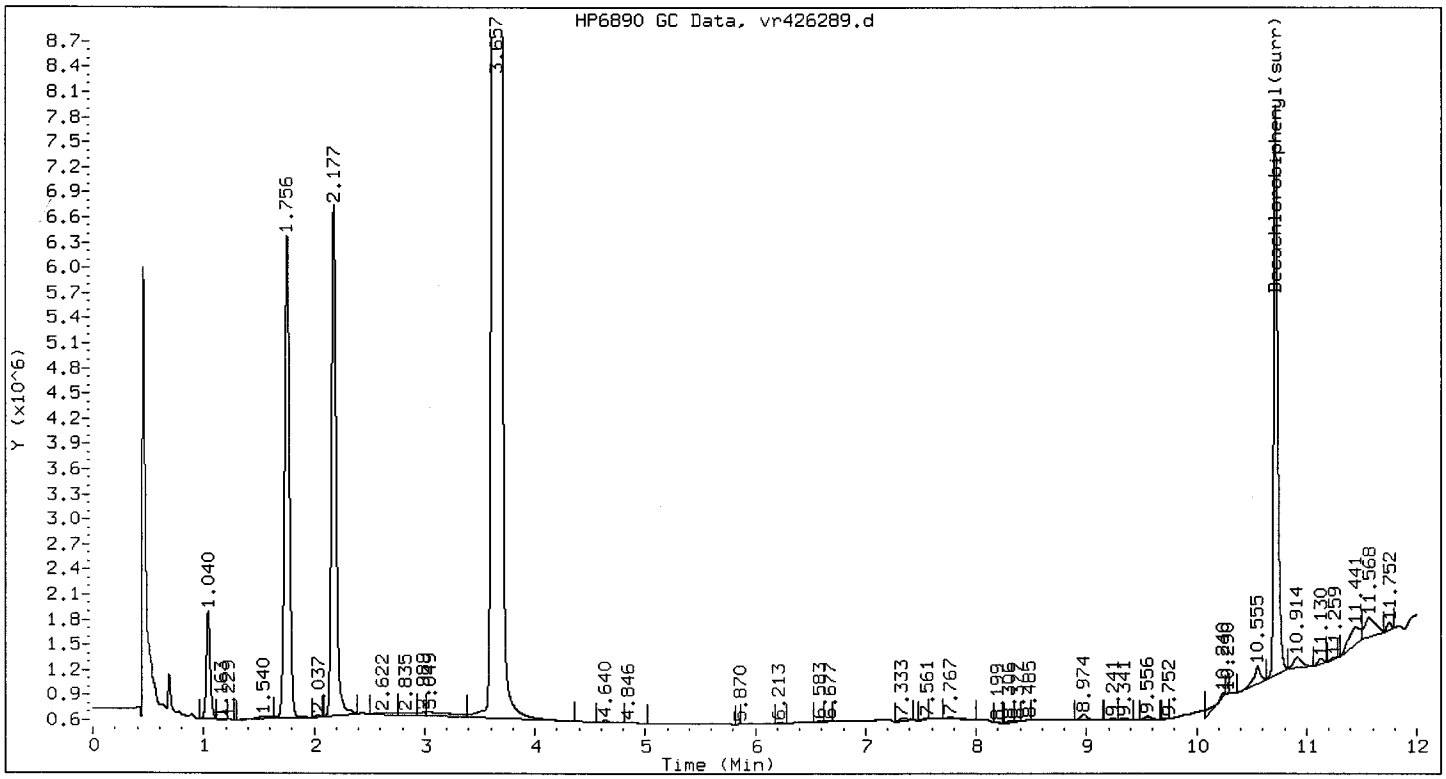
Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Vr8082.m
Sample Info : 884958;4045047
Lab ID : 884958
Inj Date : 18-DEC-2007 03:31
Operator : 615 12-20-07
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	(M)	10.713	10.713	0.000	16793844	51.358	57.447

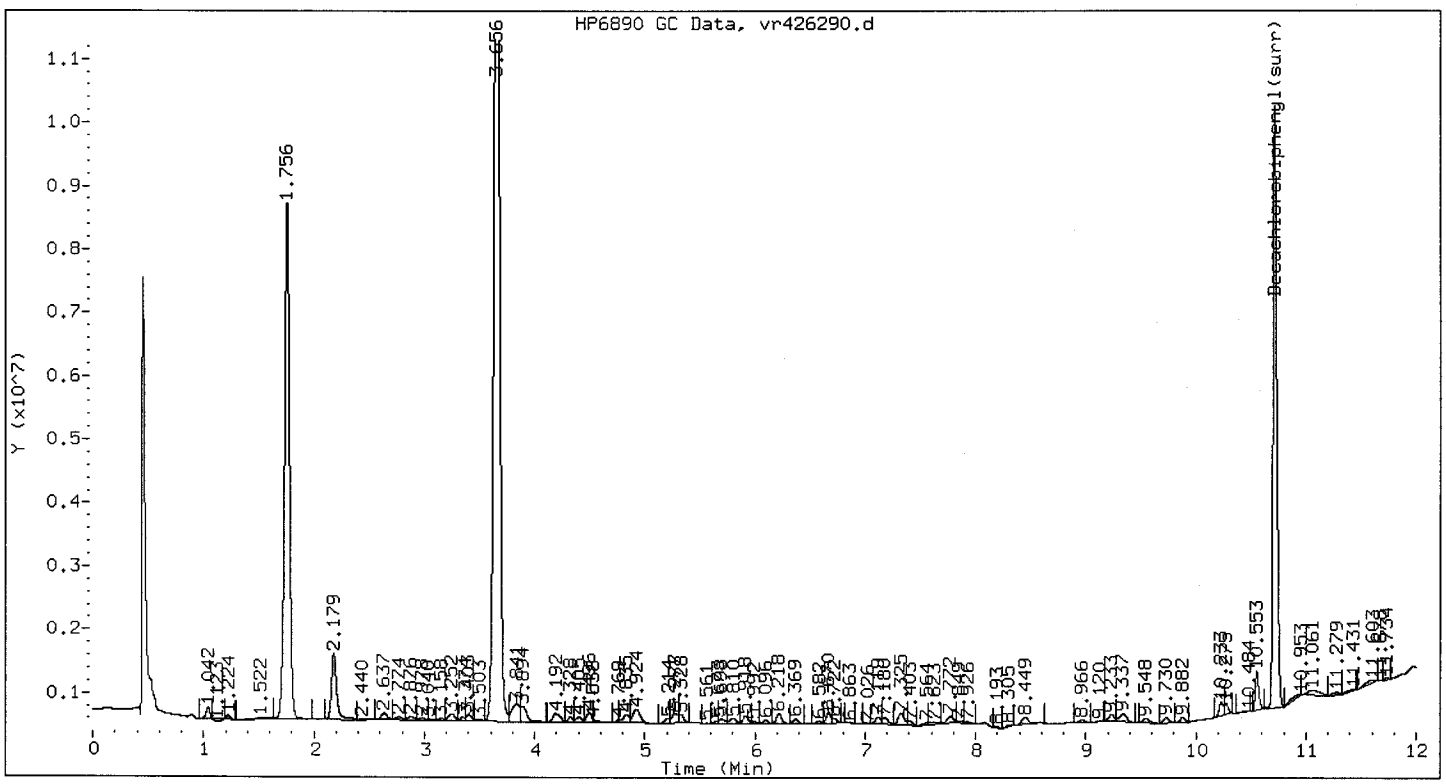
COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Vr8082.m
Sample Info : 884959;4045049
Lab ID : 884959
Inj Date : 18-DEC-2007 03:46
Operator : 615
Cpnd Sublist: PCB8082+ 12-20-07
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.713	10.713	0.000	17141425	52.421	60.990

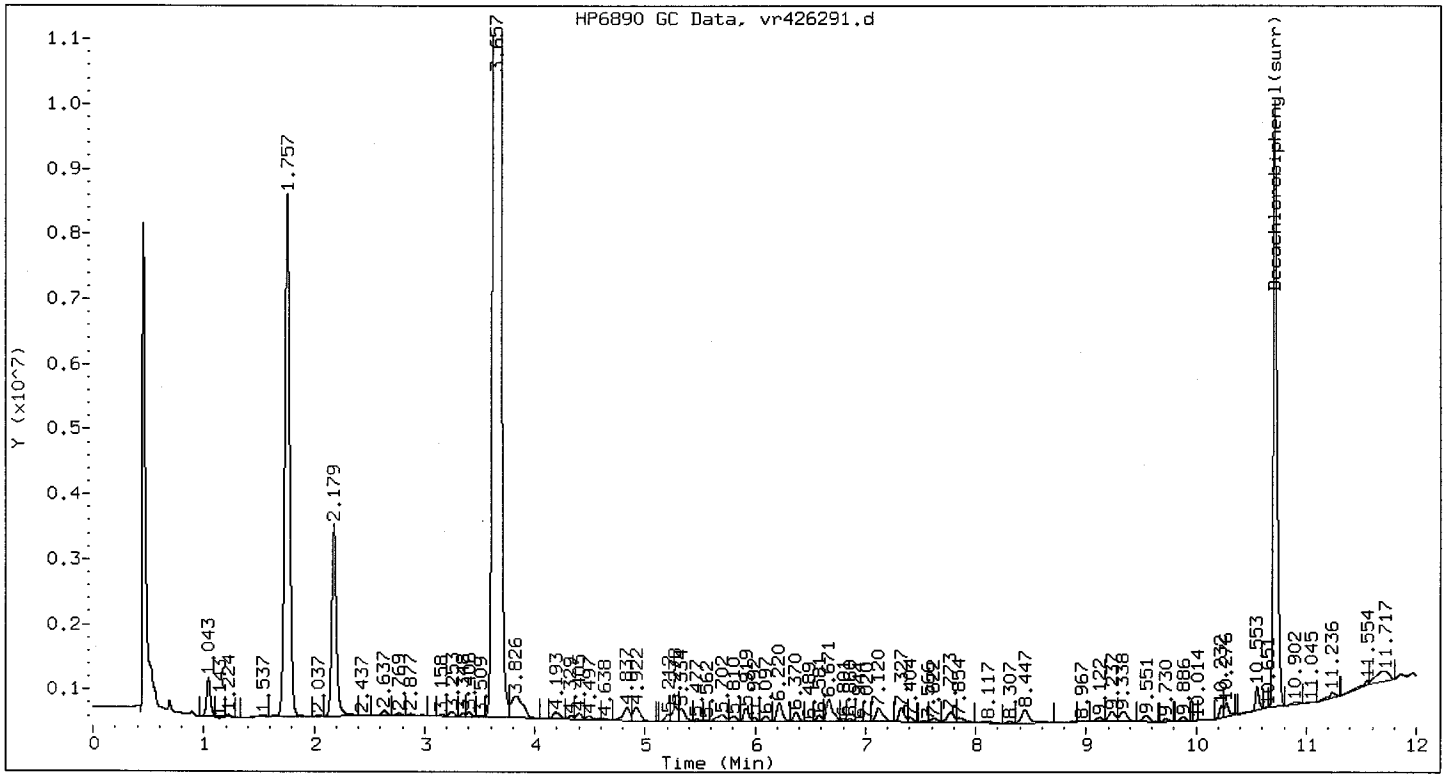


Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Vr8082.m
Sample Info : 884960;4045051
Lab ID : 884960
Inj Date : 18-DEC-2007 04:02
Operator : 615
Cpnd Sublist: PCB8082+

12-20-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.712	10.713	0.001	22630052	69.206	87.051

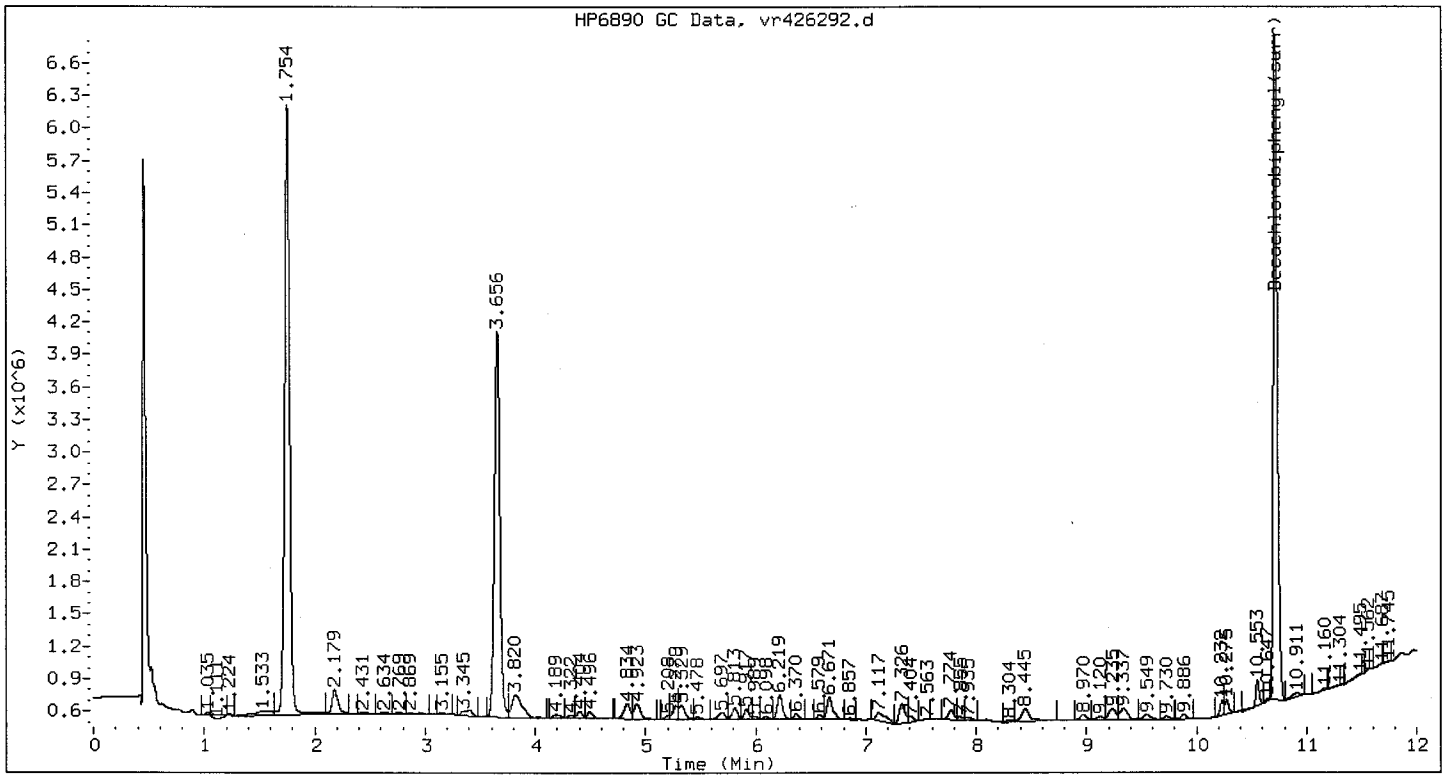


Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Vr8082.m
Sample Info : 884961;4045053
Lab ID : 884961
Inj Date : 18-DEC-2007 04:17
Operator : 615
Cpnd Sublist: PCB8082+

12-17-2007

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

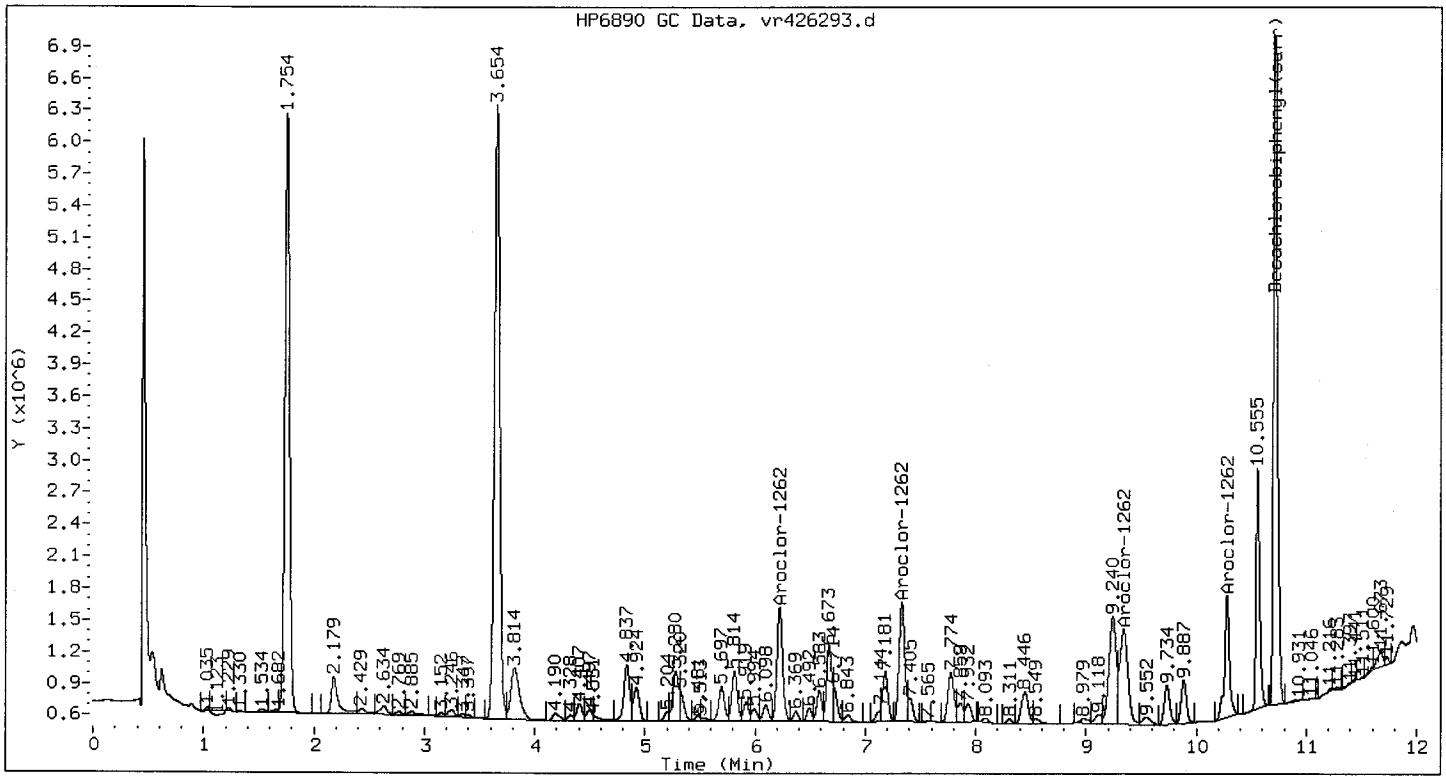
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.712	10.713	0.001	22342394	68.326	91.467



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Vr8082.m
Sample Info : 884962;4045055
Lab ID : 884962
Inj Date : 18-DEC-2007 04:32
Operator : 615 KS 12-20-07
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.712	10.713	0.001	16382569	50.100	61.284



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Vr8082.m
Sample Info : 884963;4045057
Lab ID : 884963
Inj Date : 18-DEC-2007 04:47
Operator : 615
Cpnd Sublist: PCB8082+

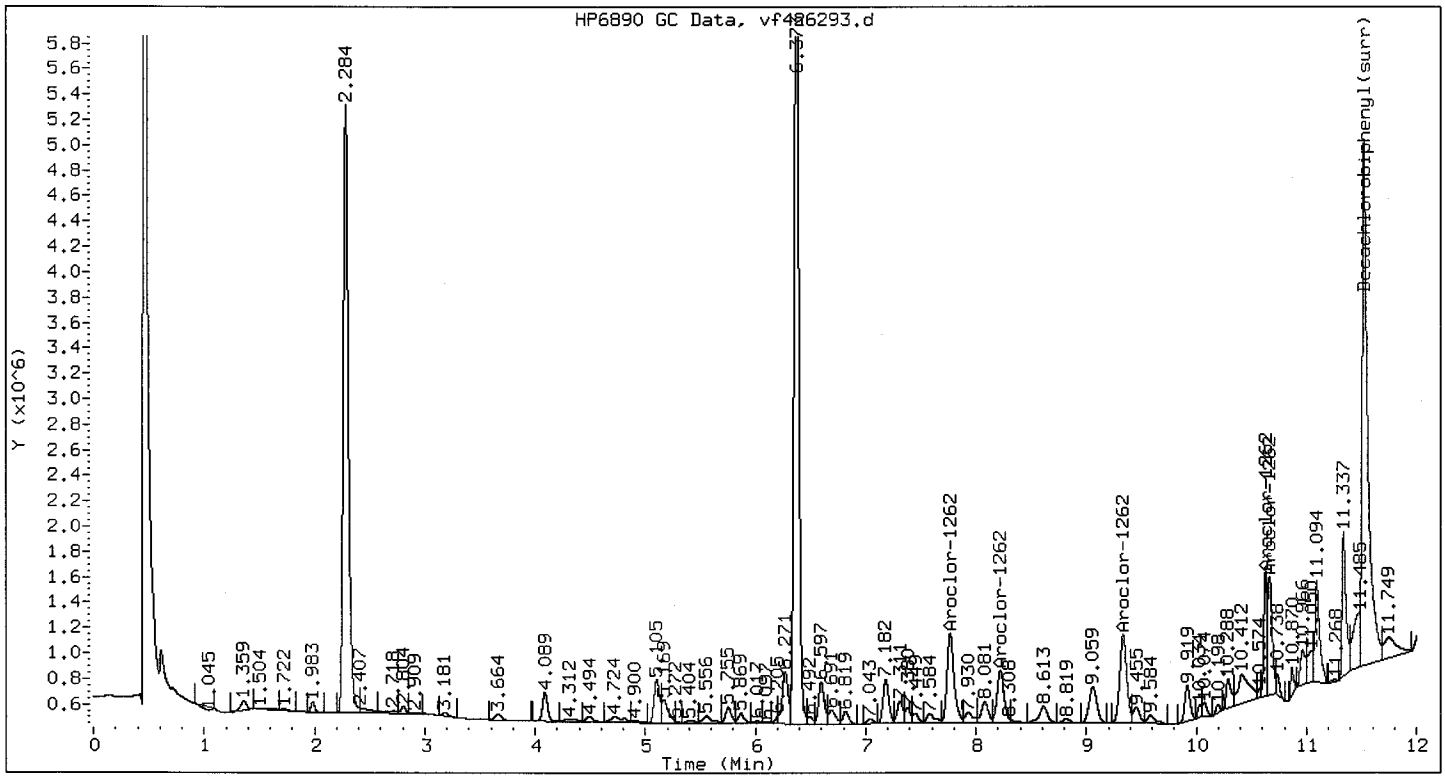
lsp-20-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	(M)	------	5.995	------	------	------	------	(*)
(2)		6.221	6.220	0.001	3834495	212.776	269.166	
(3)		------	7.122	------	------	------	------	(*)
(4)		7.329	7.329	0.000	4096733	145.078	183.527	
(5)		------	7.782	------	------	------	------	(*)
(6)		------	9.128	------	------	------	------	(*)
(7)		9.339	9.345	0.006	4687368	178.541	225.858	
(8)		10.279	10.280	0.001	3534566	182.009	230.246	
Average of peak concentrations:							230.00	
Decachlorobiphenyl(surr)		10.712	10.713	0.001	16415931	50.202	63.507	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



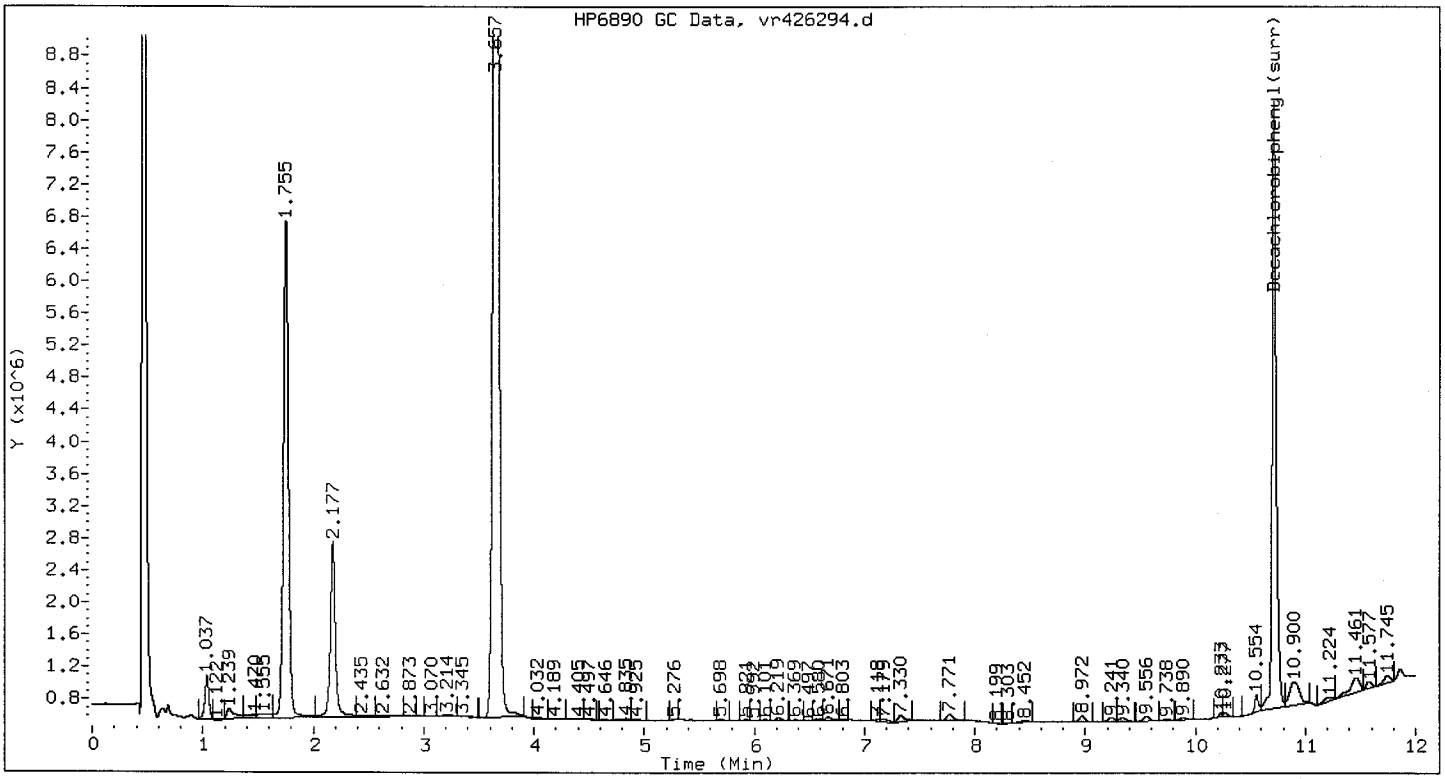
Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07d.b/06Vf8082.m
Sample Info : 884963;4045057
Lab ID : 884963
Inj Date : 18-DEC-2007 04:47
Operator : 615 R 12-20-07
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	(M)	7.765	7.767	0.002	3183960	203.937	257.985	
(2)		8.220	8.223	0.003	1820034	99.965	126.458	
(3)		9.334	9.337	0.003	3217494	131.300	166.098	
(4)		------	9.919	------	------	------	------	(*)
(5)		10.627	10.630	0.004	1855125	106.772	135.069	
(6)		10.664	10.663	0.002	2715959	128.017	161.944	
(7)		------	11.098	------	------	------	------	(*)
(8)		------	11.340	------	------	------	------	(*)
Average of peak concentrations:							170.00	
Decachlorobiphenyl(surr)	(M)	11.521	11.520	0.001	14769491	63.899	80.833	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

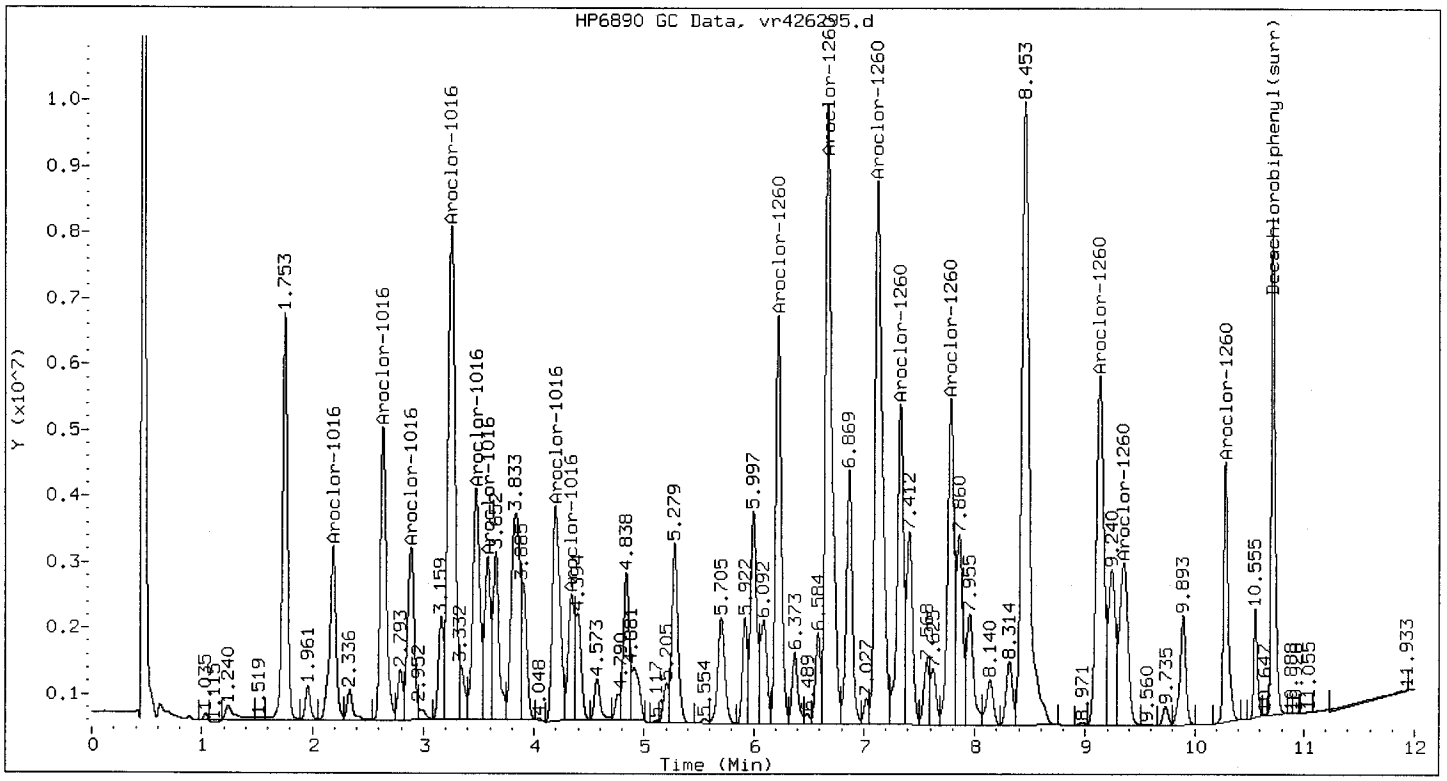


Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Vr8082.m
Sample Info : 884964;4045059
Lab ID : 884964
Inj Date : 18-DEC-2007 05:03
Operator : 615
Cpnd Sublist: PCB8082+

12-20-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.712	10.713	0.000	19357931	59.199	66.666



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Vr8082.m
Sample Info : 884964ms;4051413
Lab ID : 884964MS
Inj Date : 18-DEC-2007 05:18
Operator : 615
Cpnd Sublist: PCB8082+ 12-20-07

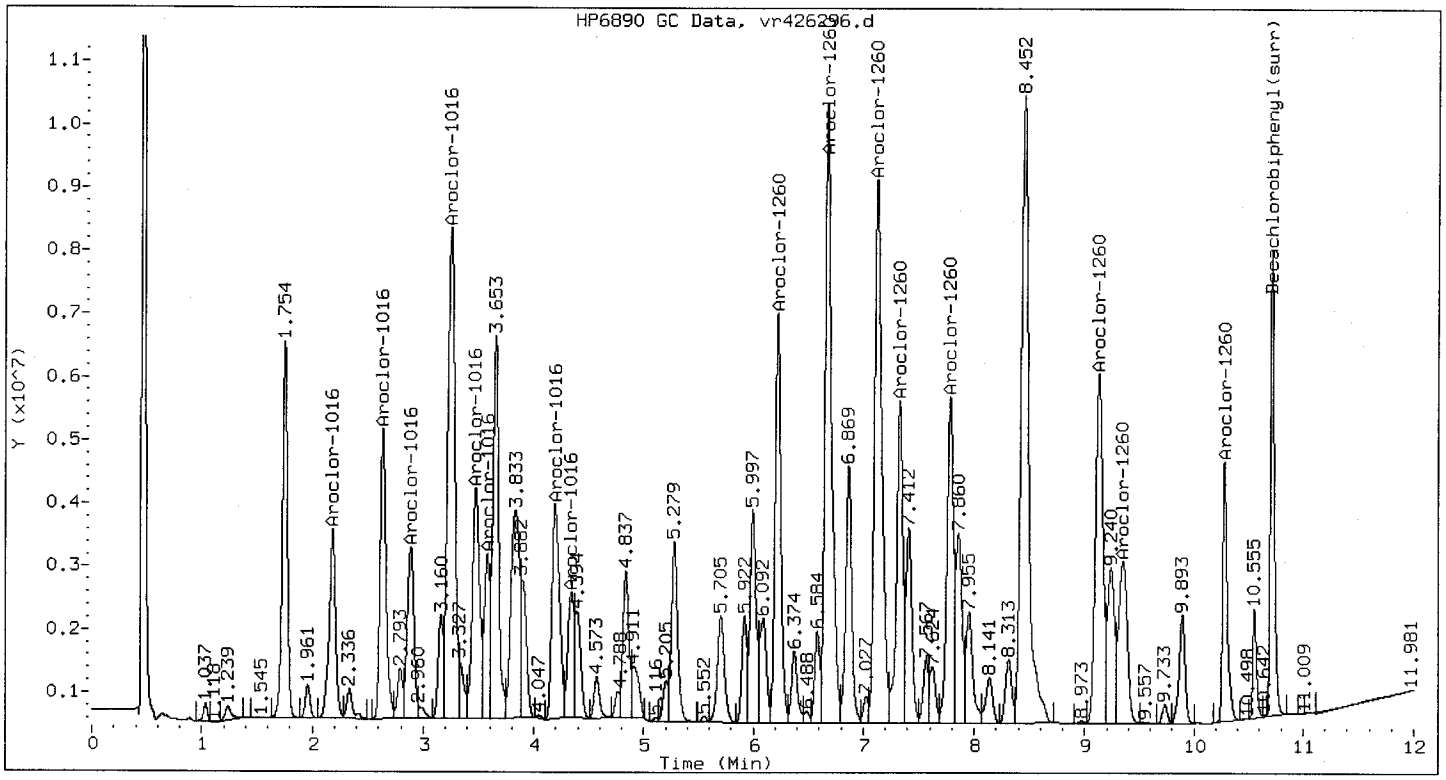
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: MS

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.187	2.191	0.004	10435412	1120.433	1261.749
(2)		2.637	2.639	0.003	16496853	1002.568	1129.018
(3)		2.890	2.894	0.004	10956826	1043.737	1175.379
(4)		3.252	3.255	0.004	34757992	1014.131	1142.039
(5)		3.473	3.476	0.004	15673573	1063.214	1197.313
(6)		3.578	3.582	0.004	9099590	1019.064	1147.594
(7)		4.193	4.195	0.003	15668389	985.098	1109.345
(8)		4.338	4.341	0.004	7714446	1077.304	1213.180
Average of peak concentrations:							1200.00
Aroclor-1260		6.222	6.223	0.001	22657801	1062.138	1196.101
(2)		6.673	6.674	0.002	40036494	1054.154	1187.110
(3)		7.123	7.125	0.002	38433069	1084.027	1220.751
(4)		7.330	7.332	0.002	19197804	1082.486	1219.015
(5)		7.784	7.785	0.001	20177966	1080.654	1216.952
(6)		9.130	9.132	0.002	25380310	1105.327	1244.738

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.348	9.350	0.003	13692478	1157.808	1303.838
(8)	10.281	10.281	0.000	11460105	1104.490	1243.795
Average of peak concentrations:						1200.00
Decachlorobiphenyl(surr)	10.713	10.713	0.000	18648552	57.030	64.223

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b/06Vr8082.m
Sample Info : 884964SD;4051414
Lab ID : 884964MSD
Inj Date : 18-DEC-2007 05:33
Operator : 615
Cpnd Sublist: PCB8082+

5/12-2007

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: MSD

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.184	2.191	0.007	12049590	1293.745	1456.920
(2)		2.637	2.639	0.003	17290025	1050.772	1183.302
(3)		2.890	2.894	0.004	11707308	1115.227	1255.886
(4)		3.252	3.255	0.004	36112273	1053.644	1186.536
(5)		3.472	3.476	0.004	16600653	1126.102	1268.133
(6)		3.579	3.582	0.003	8772357	982.417	1106.325
(7)		4.193	4.195	0.002	16492959	1036.940	1167.726
(8)		4.338	4.341	0.003	7312136	1021.122	1149.913
Average of peak concentrations:							1200.00
Aroclor-1260		6.222	6.223	0.001	23834407	1117.294	1258.214
(2)		6.673	6.674	0.001	42144180	1109.649	1249.604
(3)		7.124	7.125	0.001	40205659	1134.024	1277.054
(4)		7.329	7.332	0.003	20176255	1137.657	1281.145
(5)		7.784	7.785	0.001	21128982	1131.586	1274.309
(6)		9.130	9.132	0.002	26614000	1159.055	1305.242

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.348	9.350	0.002	14366605	1214.811	1368.030
(8)	10.281	10.281	0.000	11985005	1155.078	1300.764
Average of peak concentrations:						1300.00
Decachlorobiphenyl(surr)	10.712	10.713	0.000	18419670	56.330	63.434

COMMENTS:

M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07e.b/vr426304.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07e.b/06Vr8082.m

Sample Information: SG1660L3_00003E
Injection Date: 18-DEC-2007 07:35

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.189	1000	1019.97	2.00
Aroclor-1016	2	2.637	1000	992.54	0.75
Aroclor-1016	3	2.891	1000	1048.34	4.83
Aroclor-1016	4	3.252	1000	979.85	2.02
Aroclor-1016	5	3.473	1000	1045.80	4.58
Aroclor-1016	6	3.579	1000	1134.99	13.50
Aroclor-1016	7	4.192	1000	973.81	2.62
Aroclor-1016	8	4.337	1000	1052.53	5.25
Aroclor-1260	1	6.220	1000	1039.00	3.90
Aroclor-1260	2	6.671	1000	1017.01	1.70
Aroclor-1260	3	7.122	1000	1042.01	4.20
Aroclor-1260	4	7.327	1000	987.52	1.25
Aroclor-1260	5	7.781	1000	1031.05	3.11
Aroclor-1260	6	9.126	1000	1040.71	4.07
Aroclor-1260	7	9.344	1000	1070.92	7.09
Aroclor-1260	8	10.278	1000	1056.93	5.69

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.754	100	99.25	0.75
Decachlorobiphenyl(sur	10.712	100	92.79	7.21

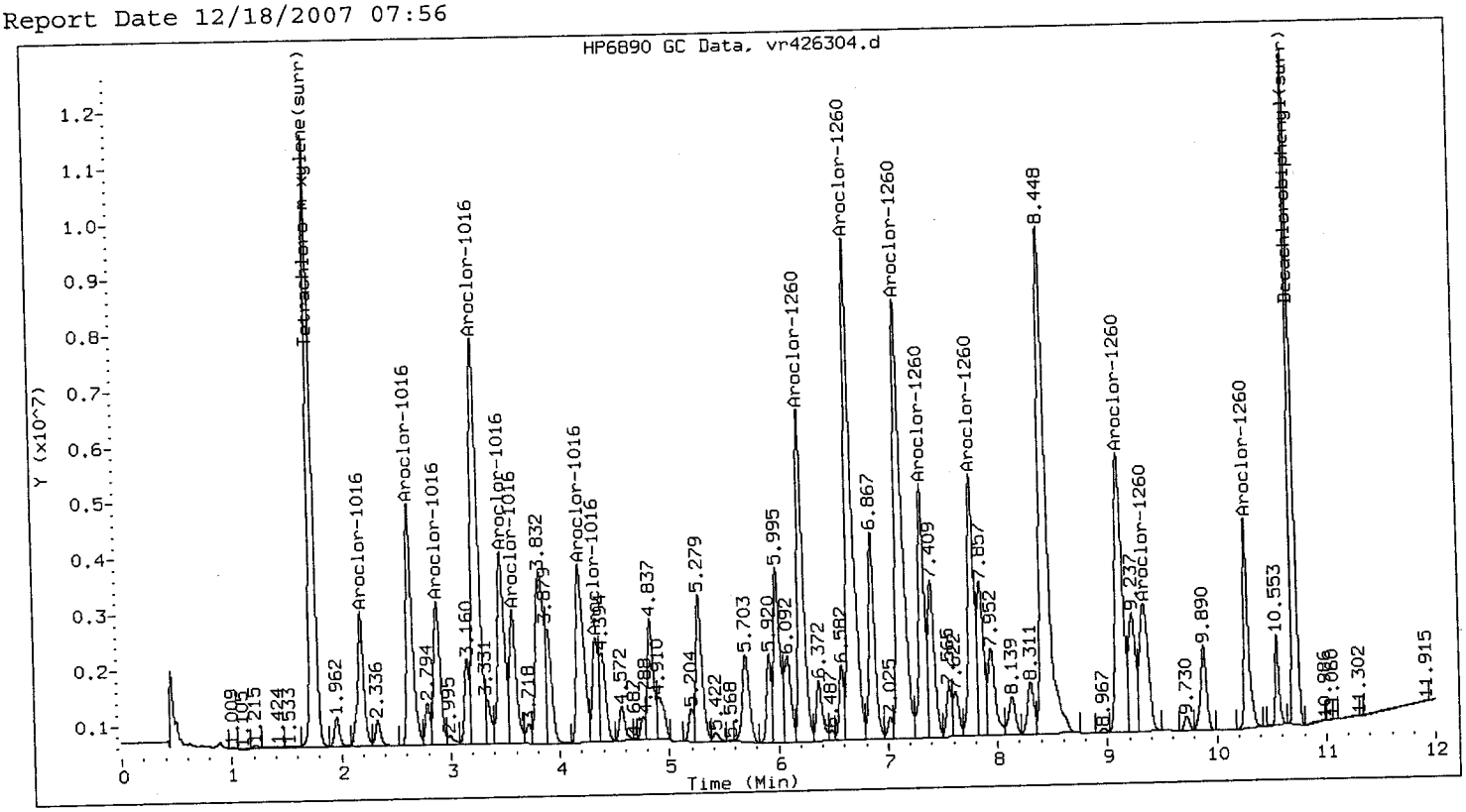
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07e.b/vr426304.d
Injection Date: 18-DEC-2007 07:35

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.189	
	2.634	(2.564 - 2.704)	2.637	
	2.888	(2.818 - 2.958)	2.891	
	3.250	(3.180 - 3.320)	3.252	
	3.471	(3.401 - 3.541)	3.473	
	3.576	(3.506 - 3.646)	3.579	
	4.191	(4.121 - 4.261)	4.192	
	4.336	(4.266 - 4.406)	4.337	
Aroclor-1260	6.221	(6.151 - 6.291)	6.220	
	6.672	(6.602 - 6.742)	6.671	
	7.123	(7.053 - 7.193)	7.122	
	7.328	(7.258 - 7.398)	7.327	
	7.784	(7.714 - 7.854)	7.781	
	9.131	(9.061 - 9.201)	9.126	
	9.348	(9.278 - 9.418)	9.344	
	10.281	(10.211 - 10.351)	10.278	
Tetrachloro-m-xylene(surr)	1.750	(1.700 - 1.800)	1.754	
Decachlorobiphenyl(surr)	10.713	(10.613 - 10.813)	10.712	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07e.b/06Vr8082.m
Sample Info : SG1660L3_00003E
Lab ID : SG1660L3_00003E
Inj Date : 18-DEC-2007 07:35
Operator : 615 12-18-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.189	2.189	0.000	9499757	1019.973	1019.973
(2)		2.637	2.637	0.000	16331881	992.542	992.542
(3)		2.891	2.891	0.000	11005201	1048.345	1048.345
(4)		3.252	3.252	0.000	33582917	979.845	979.845
(5)		3.473	3.473	0.000	15416868	1045.801	1045.801
(6)		3.579	3.579	0.000	10134700	1134.986	1134.986
(7)		4.192	4.192	0.000	15488766	973.805	973.805
(8)		4.337	4.337	0.000	7537042	1052.530	1052.530
Average of peak concentrations:							1000.00
Aroclor-1260		6.220	6.220	0.000	22164118	1038.995	1038.995
(2)		6.671	6.671	0.000	38625632	1017.006	1017.006
(3)		7.122	7.122	0.000	36943429	1042.011	1042.011
(4)		7.327	7.327	0.000	17513610	987.521	987.521
(5)		7.781	7.781	0.000	19251838	1031.054	1031.054
(6)		9.126	9.126	0.000	23896494	1040.706	1040.706

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)	9.344	9.344	0.000	12664925	1070.920	1070.920
(8)	10.278	10.278	0.000	10966622	1056.930	1056.930
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	1.754	1.754	0.000	34086679	99.249	99.249
Decachlorobiphenyl(surr)	10.712	10.712	0.000	30343667	92.795	92.795

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07e.b/vf426304.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07e.b/06Vf8082.m

Sample Information: SG1660L3_00003E
Injection Date: 18-DEC-2007 07:35

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.985	1000	1002.00	0.20
Aroclor-1016	2	3.668	1000	1014.57	1.46
Aroclor-1016	3	4.107	1000	1085.51	8.55
Aroclor-1016	4	4.500	1000	1010.12	1.01
Aroclor-1016	5	4.742	1000	1005.34	0.53
Aroclor-1016	6	5.175	1000	1034.81	3.48
Aroclor-1016	7	5.562	1000	975.13	2.49
Aroclor-1016	8	5.770	1000	1013.09	1.31
Aroclor-1260	1	7.765	1000	1061.78	6.18
Aroclor-1260	2	8.220	1000	1039.52	3.95
Aroclor-1260	3	9.082	1000	1053.71	5.37
Aroclor-1260	4	9.333	1000	1057.20	5.72
Aroclor-1260	5	9.457	1000	1071.05	7.10
Aroclor-1260	6	9.915	1000	1080.74	8.07
Aroclor-1260	7	10.631	1000	1065.38	6.54
Aroclor-1260	8	11.096	1000	1062.77	6.28

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.284	100	97.61	2.39
Decachlorobiphenyl(sur	11.522	100	97.23	2.77

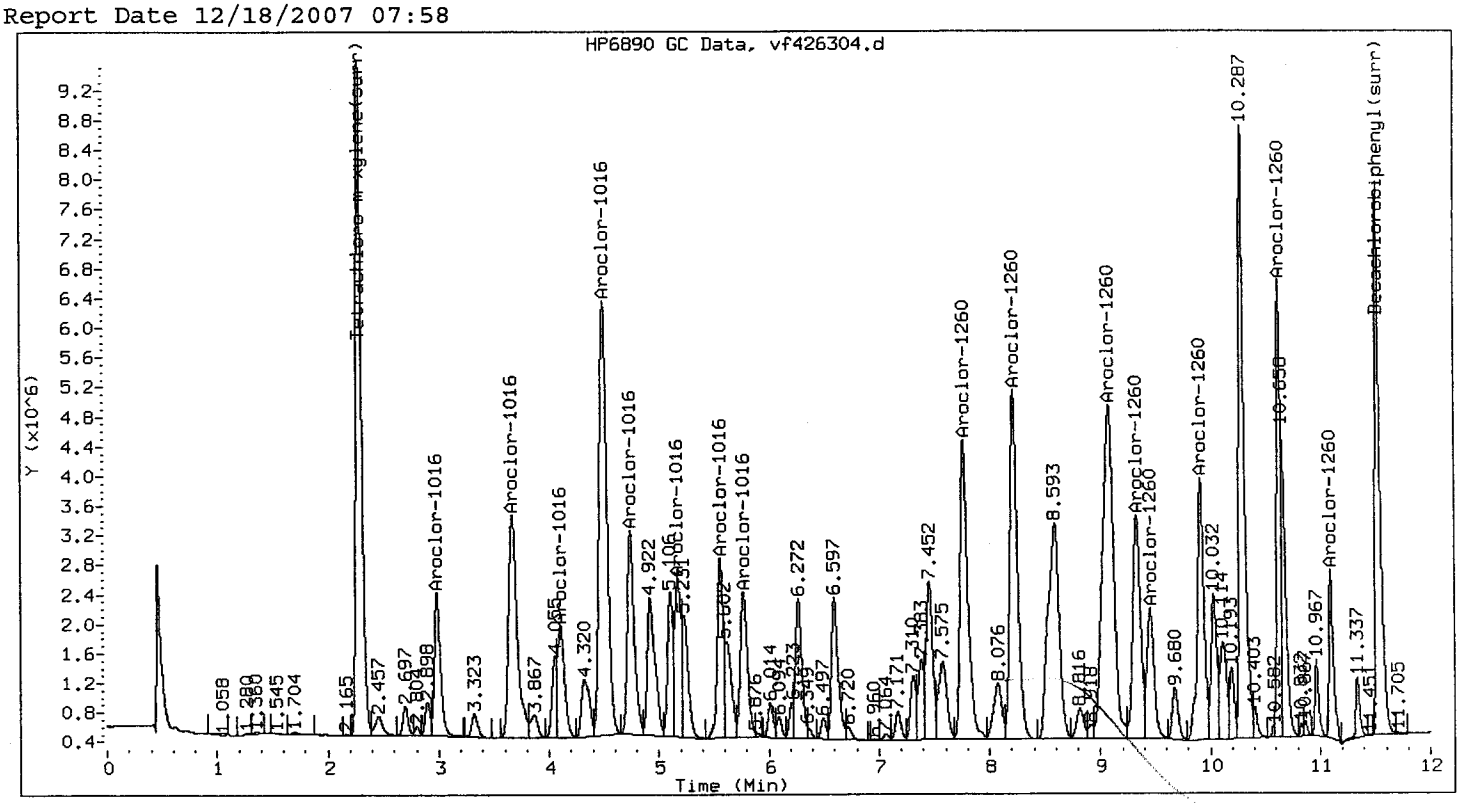
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07e.b/vf426304.d
Injection Date: 18-DEC-2007 07:35

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.985	
	3.667	(3.597 - 3.737)	3.668	
	4.107	(4.037 - 4.177)	4.107	
	4.498	(4.428 - 4.568)	4.500	
	4.742	(4.672 - 4.812)	4.742	
	5.175	(5.105 - 5.245)	5.175	
	5.562	(5.492 - 5.632)	5.562	
	5.770	(5.700 - 5.840)	5.770	
Aroclor-1260	7.768	(7.698 - 7.838)	7.765	
	8.223	(8.153 - 8.293)	8.220	
	9.088	(9.018 - 9.158)	9.082	
	9.338	(9.268 - 9.408)	9.333	
	9.463	(9.393 - 9.533)	9.457	
	9.919	(9.849 - 9.989)	9.915	
	10.633	(10.563 - 10.703)	10.631	
	11.098	(11.028 - 11.168)	11.096	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.284	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.522	



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07e.b/06Vf8082.m
Sample Info : SG1660L3_00003E
Lab ID : SG1660L3_00003E
Inj Date : 18-DEC-2007 07:35
Operator : 615 12-18-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.985	2.985	0.000	7520865	1001.996	1001.996
(2)		3.668	3.668	0.000	16725198	1014.574	1014.574
(3)		4.107	4.107	0.000	6985291	1085.505	1085.505
(4)		4.500	4.500	0.000	29326394	1010.121	1010.121
(5)		4.742	4.742	0.000	12424683	1005.344	1005.344
(6)		5.175	5.175	0.000	8405244	1034.809	1034.809
(7)		5.562	5.562	0.000	9226050	975.128	975.128
(8)		5.770	5.770	0.000	8850197	1013.092	1013.092
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.765	7.765	0.000	20328795	1061.782	1061.782
(2)		8.220	8.220	0.000	22971588	1039.518	1039.518
(3)		9.082	9.082	0.000	31599355	1053.707	1053.707
(4)		9.333	9.333	0.000	14853257	1057.202	1057.202
(5)		9.457	9.457	0.000	7967766	1071.048	1071.048
(6)		9.915	9.915	0.000	14800887	1080.741	1080.741

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)		10.631	10.631	0.000	15637270	1065.381	1065.381
(8)		11.096	11.096	0.000	6157300	1062.770	1062.770
Average of peak concentrations:							1100.00
Tetrachloro-m-xylene(surr)		2.284	2.284	0.000	31264314	97.610	97.610
Decachlorobiphenyl(surr)	(M)	11.522	11.522	0.000	22472853	97.226	97.226

COMMENTS:

M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/vr426333.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m

Sample Information: SG1660L3_00003G
Injection Date: 18-DEC-2007 15:05

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.188	1000	1033.01	3.30
Aroclor-1016	2	2.636	1000	1031.15	3.11
Aroclor-1016	3	2.888	1000	1086.57	8.66
Aroclor-1016	4	3.250	1000	1014.86	1.49
Aroclor-1016	5	3.472	1000	1101.50	10.15
Aroclor-1016	6	3.578	1000	1100.00	10.00
Aroclor-1016	7	4.192	1000	1007.56	0.76
Aroclor-1016	8	4.337	1000	1112.22	11.22
Aroclor-1260	1	6.220	1000	1073.18	7.32
Aroclor-1260	2	6.671	1000	1046.60	4.66
Aroclor-1260	3	7.122	1000	1071.67	7.17
Aroclor-1260	4	7.328	1000	1001.77	0.18
Aroclor-1260	5	7.783	1000	1056.97	5.70
Aroclor-1260	6	9.128	1000	1055.73	5.57
Aroclor-1260	7	9.348	1000	1103.98	10.40
Aroclor-1260	8	10.279	1000	1081.51	8.15

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.753	100	103.86	3.86
Decachlorobiphenyl(sur	10.712	100	86.50	13.50

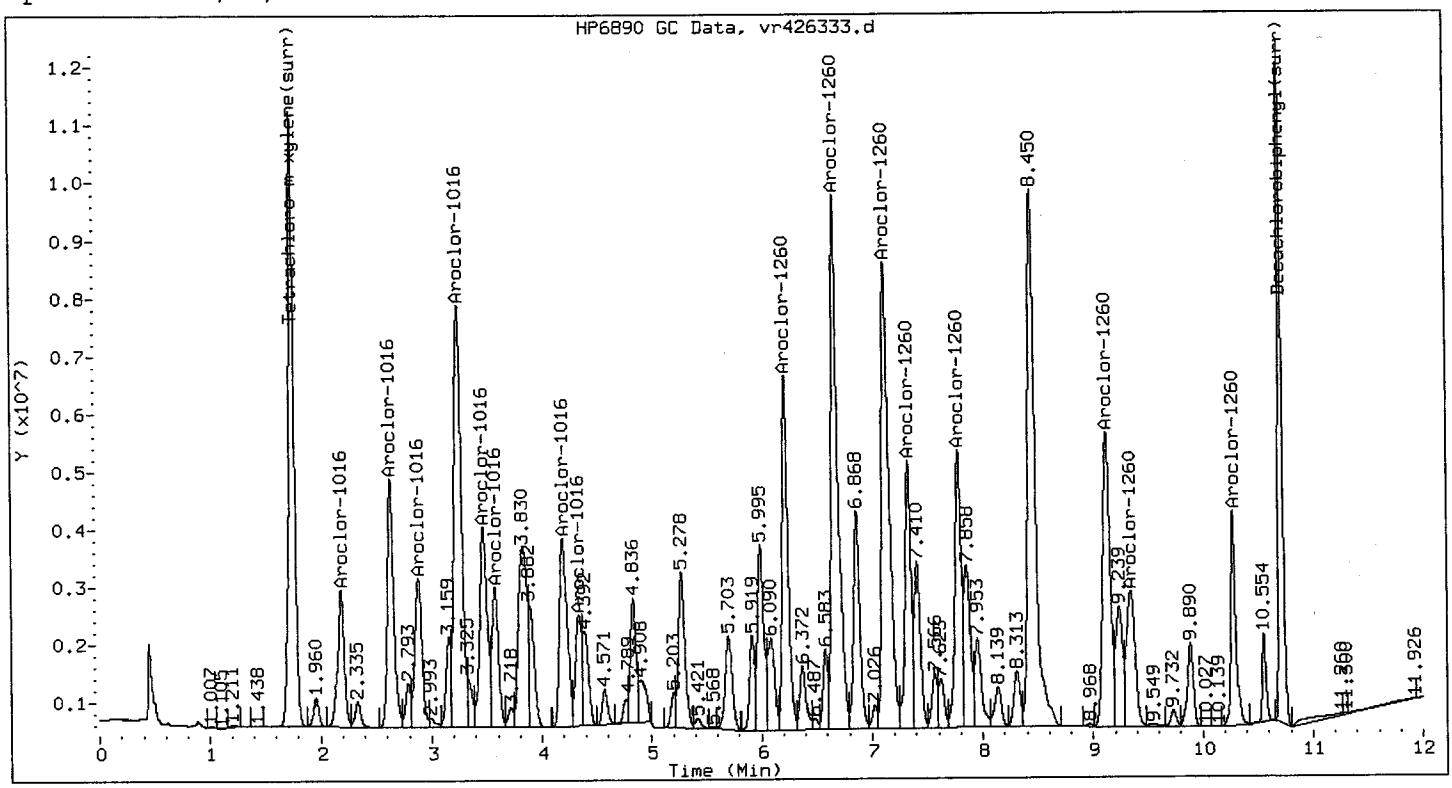
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/vr426333.d
Injection Date: 18-DEC-2007 15:05

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.188	
	2.634	(2.564 - 2.704)	2.636	
	2.888	(2.818 - 2.958)	2.888	
	3.250	(3.180 - 3.320)	3.250	
	3.471	(3.401 - 3.541)	3.472	
	3.576	(3.506 - 3.646)	3.578	
	4.191	(4.121 - 4.261)	4.192	
	4.336	(4.266 - 4.406)	4.337	
Aroclor-1260	6.221	(6.151 - 6.291)	6.220	
	6.672	(6.602 - 6.742)	6.671	
	7.123	(7.053 - 7.193)	7.122	
	7.328	(7.258 - 7.398)	7.328	
	7.784	(7.714 - 7.854)	7.783	
	9.131	(9.061 - 9.201)	9.128	
	9.348	(9.278 - 9.418)	9.348	
	10.281	(10.211 - 10.351)	10.279	
Tetrachloro-m-xylene(surr)	1.750	(1.700 - 1.800)	1.753	
Decachlorobiphenyl(surr)	10.713	(10.613 - 10.813)	10.712	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m
Sample Info : SG1660L3_00003G
Lab ID : SG1660L3_00003G
Inj Date : 18-DEC-2007 15:05
Operator : 615
Cpnd Sublist: AR16600S 12-18-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.188	2.188	0.000	9621150	1033.007	1033.007
(2)		2.636	2.636	0.000	16967082	1031.146	1031.146
(3)		2.888	2.888	0.000	11406429	1086.565	1086.565
(4)		3.250	3.250	0.000	34783007	1014.860	1014.860
(5)		3.472	3.472	0.000	16237908	1101.496	1101.496
(6)		3.578	3.578	0.000	9822277	1099.997	1099.997
(7)		4.192	4.192	0.000	16025634	1007.559	1007.559
(8)		4.337	4.337	0.000	7964509	1112.225	1112.225
Average of peak concentrations:							1100.00
Aroclor-1260		6.220	6.220	0.000	22893385	1073.182	1073.182
(2)		6.671	6.671	0.000	39749688	1046.602	1046.602
(3)		7.122	7.122	0.000	37994847	1071.667	1071.667
(4)		7.328	7.328	0.000	17766366	1001.773	1001.773
(5)		7.783	7.783	0.000	19735672	1056.966	1056.966
(6)		9.128	9.128	0.000	24241535	1055.733	1055.733

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)	9.348	9.348	0.000	13055852	1103.976	1103.976
(8)	10.279	10.279	0.000	11221688	1081.512	1081.512
Average of peak concentrations:						1100.00
Tetrachloro-m-xylene(surr)	1.753	1.753	0.000	35668986	103.856	103.856
Decachlorobiphenyl(surr)	10.712	10.712	0.000	28286884	86.505	86.505

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/vf426333.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/06Vf8082.m

Sample Information: SG1660L3_00003G
Injection Date: 18-DEC-2007 15:05

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.983	1000	1050.54	5.05
Aroclor-1016	2	3.666	1000	1049.03	4.90
Aroclor-1016	3	4.105	1000	1091.43	9.14
Aroclor-1016	4	4.497	1000	1049.25	4.92
Aroclor-1016	5	4.741	1000	1042.61	4.26
Aroclor-1016	6	5.174	1000	1069.29	6.93
Aroclor-1016	7	5.560	1000	1025.51	2.55
Aroclor-1016	8	5.769	1000	1072.28	7.23
Aroclor-1260	1	7.766	1000	1070.69	7.07
Aroclor-1260	2	8.221	1000	1049.70	4.97
Aroclor-1260	3	9.084	1000	1067.34	6.73
Aroclor-1260	4	9.334	1000	1079.94	7.99
Aroclor-1260	5	9.459	1000	1124.90	12.49
Aroclor-1260	6	9.916	1000	1075.48	7.55
Aroclor-1260	7	10.632	1000	1070.72	7.07
Aroclor-1260	8	11.097	1000	1141.34	14.13

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.282	100	100.83	0.83
Decachlorobiphenyl(sur	11.525	100	98.58	1.42

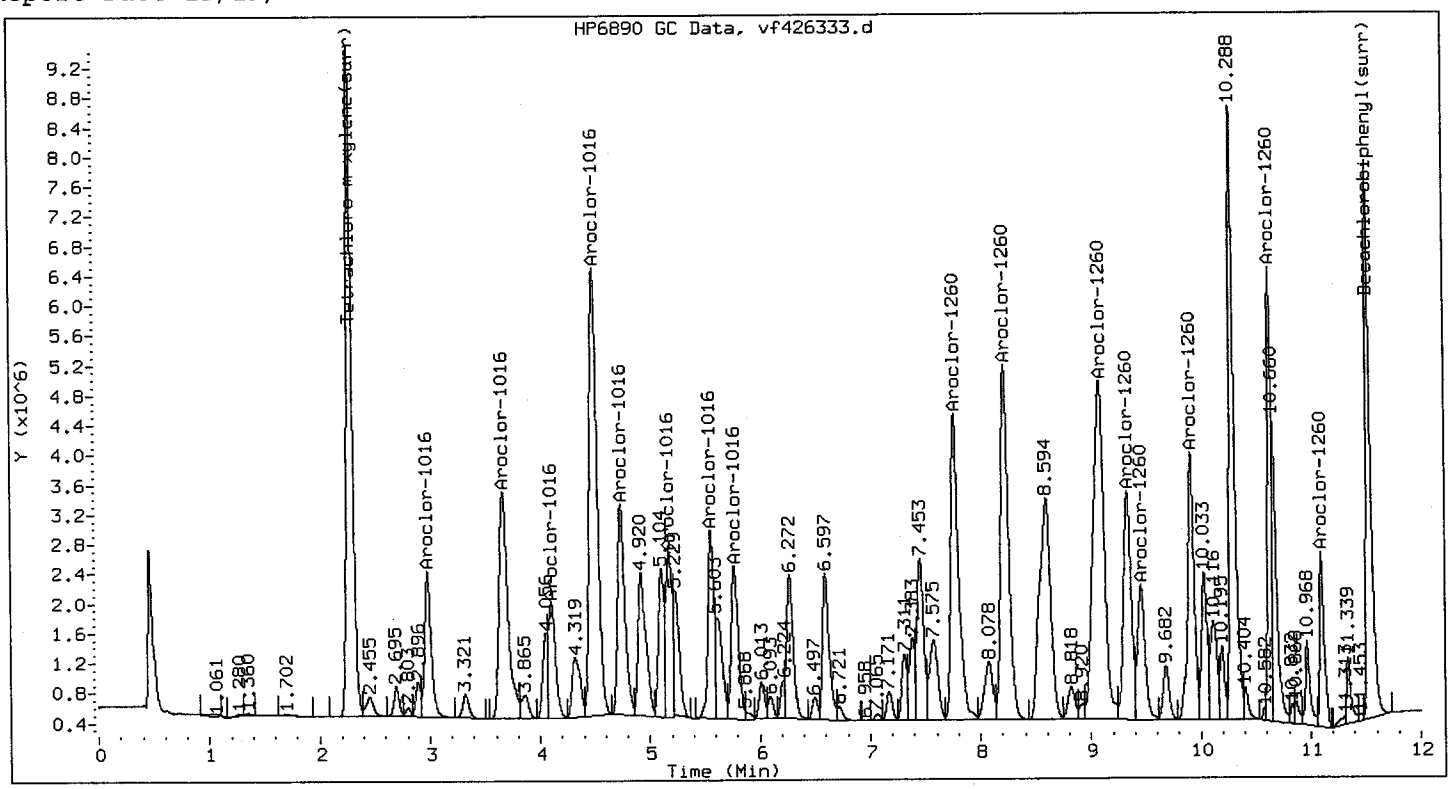
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/vf426333.d
Injection Date: 18-DEC-2007 15:05

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.983	
	3.667	(3.597 - 3.737)	3.666	
	4.107	(4.037 - 4.177)	4.105	
	4.498	(4.428 - 4.568)	4.497	
	4.742	(4.672 - 4.812)	4.741	
	5.175	(5.105 - 5.245)	5.174	
	5.562	(5.492 - 5.632)	5.560	
	5.770	(5.700 - 5.840)	5.769	
Aroclor-1260	7.768	(7.698 - 7.838)	7.766	
	8.223	(8.153 - 8.293)	8.221	
	9.088	(9.018 - 9.158)	9.084	
	9.338	(9.268 - 9.408)	9.334	
	9.463	(9.393 - 9.533)	9.459	
	9.919	(9.849 - 9.989)	9.916	
	10.633	(10.563 - 10.703)	10.632	
	11.098	(11.028 - 11.168)	11.097	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.282	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.525	



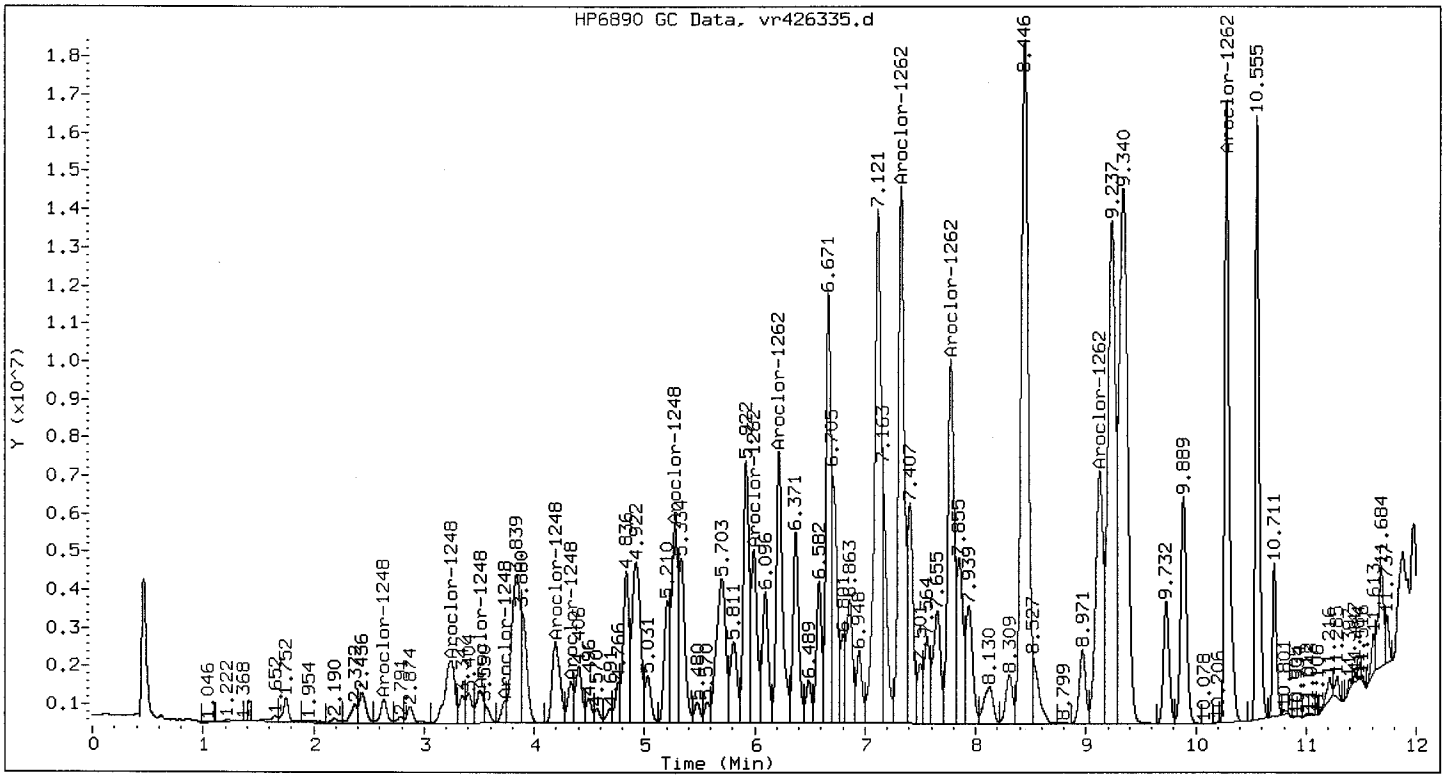
Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/06Vf8082.m
Sample Info : SG1660L3_00003G
Lab ID : SG1660L3_00003G
Inj Date : 18-DEC-2007 15:05
Operator : 615 12-18-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.983	2.983	0.000	7885255	1050.543	1050.543
(2)		3.666	3.666	0.000	17293258	1049.033	1049.033
(3)		4.105	4.105	0.000	7023409	1091.429	1091.429
(4)		4.497	4.497	0.000	30462322	1049.247	1049.247
(5)		4.741	4.741	0.000	12885267	1042.612	1042.612
(6)		5.174	5.174	0.000	8685341	1069.293	1069.293
(7)		5.560	5.560	0.000	9702773	1025.514	1025.514
(8)		5.769	5.769	0.000	9367216	1072.276	1072.276
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.766	7.766	0.000	20499264	1070.686	1070.686
(2)		8.221	8.221	0.000	23196604	1049.701	1049.701
(3)		9.084	9.084	0.000	32008227	1067.341	1067.341
(4)		9.334	9.334	0.000	15172674	1079.937	1079.937
(5)		9.459	9.459	0.000	8368392	1124.902	1124.902
(6)		9.916	9.916	0.000	14728842	1075.481	1075.481

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.632	10.632	0.000	15715676	1070.722	1070.722
(8)	11.097	11.097	0.000	6612497	1141.338	1141.338
Average of peak concentrations:						1100.00
Tetrachloro-m-xylene(surr)	2.282	2.282	0.000	32296971	100.834	100.834
Decachlorobiphenyl(surr)	11.525	11.525	0.000	22786505	98.583	98.583

COMMENTS:
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m
Sample Info : 884941;4045014
Lab ID : 884941
Inj Date : 18-DEC-2007 16:08
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 10
Sample Matrix : SOIL
Sample Type: SAMPLE

K 12-20-07

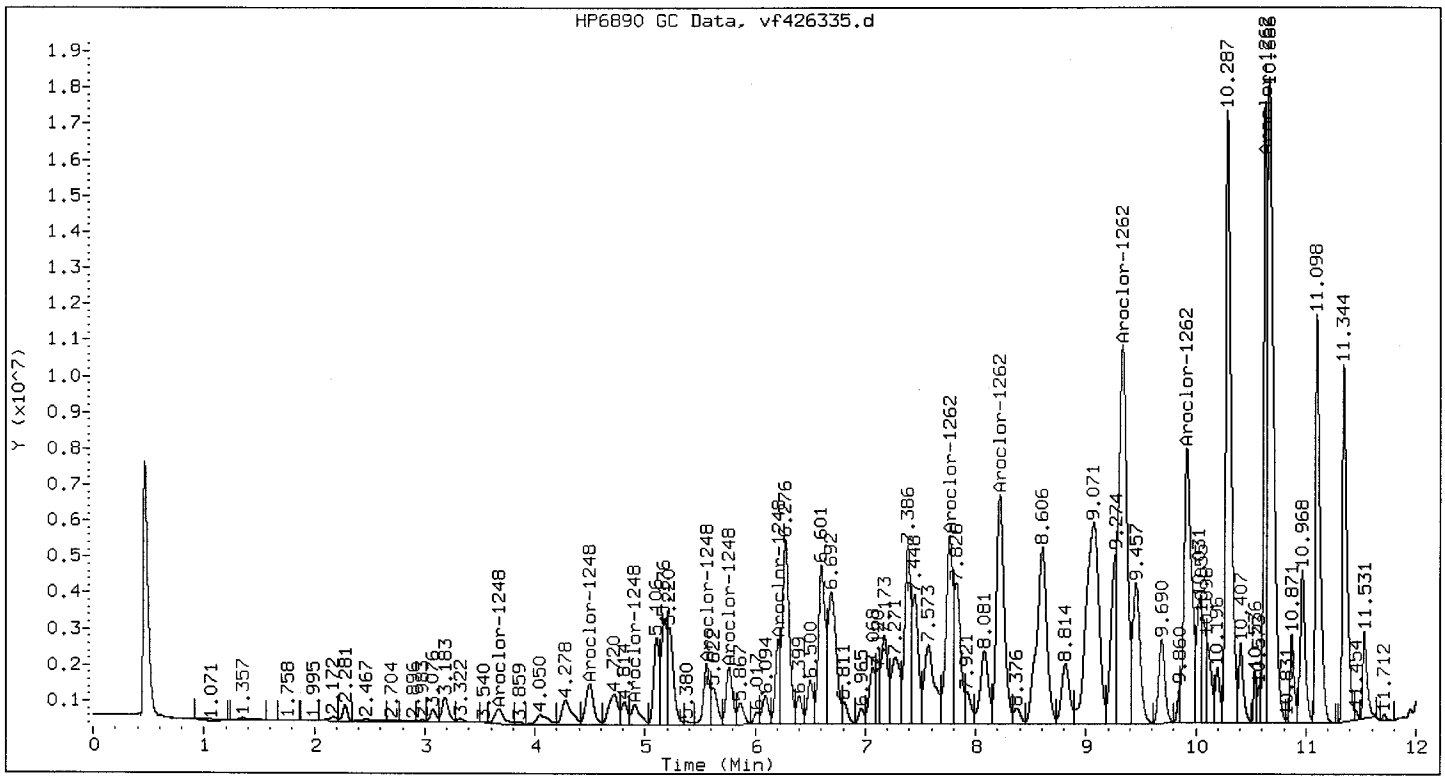
Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	(M)	2.637	2.631	0.006	2635922	382.732	2977.298
(2)		3.246	3.245	0.001	10370408	573.812	4463.725
(3)		3.511	3.475	0.037	3922055	507.134	3945.036
(4)		------	3.825	------	------	------	------ (*)
(5)		4.191	4.190	0.002	10632427	536.972	4177.148
(6)		4.332	4.334	0.001	3786527	326.748	2541.800
(7)		------	4.762	------	------	------	------ (*)
(8)		------	5.274	------	------	------	------ (*)
Average of peak concentrations:							3600.00
Aroclor-1262	(M)	5.992	5.995	0.003	15968663	1254.709	9760.475
(2)		6.220	6.220	0.001	28547924	1584.121	12322.992
(3)		------	7.122	------	------	------	------ (*)
(4)		7.328	7.329	0.001	52282158	1851.478	14402.788
(5)		7.779	7.782	0.003	39514538	1509.320	11741.112
(6)		9.126	9.128	0.002	31755512	1607.008	12501.035

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)	
(7)	------	9.345	------	------	------	------	(*)
(8)	10.279	10.280	0.002	47495128	2445.721	19025.448	

Average of peak concentrations: 13000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/06Vf8082.m
Sample Info : 884941;4045014
Lab ID : 884941
Inj Date : 18-DEC-2007 16:08
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 10
Sample Matrix : SOIL
Sample Type: SAMPLE

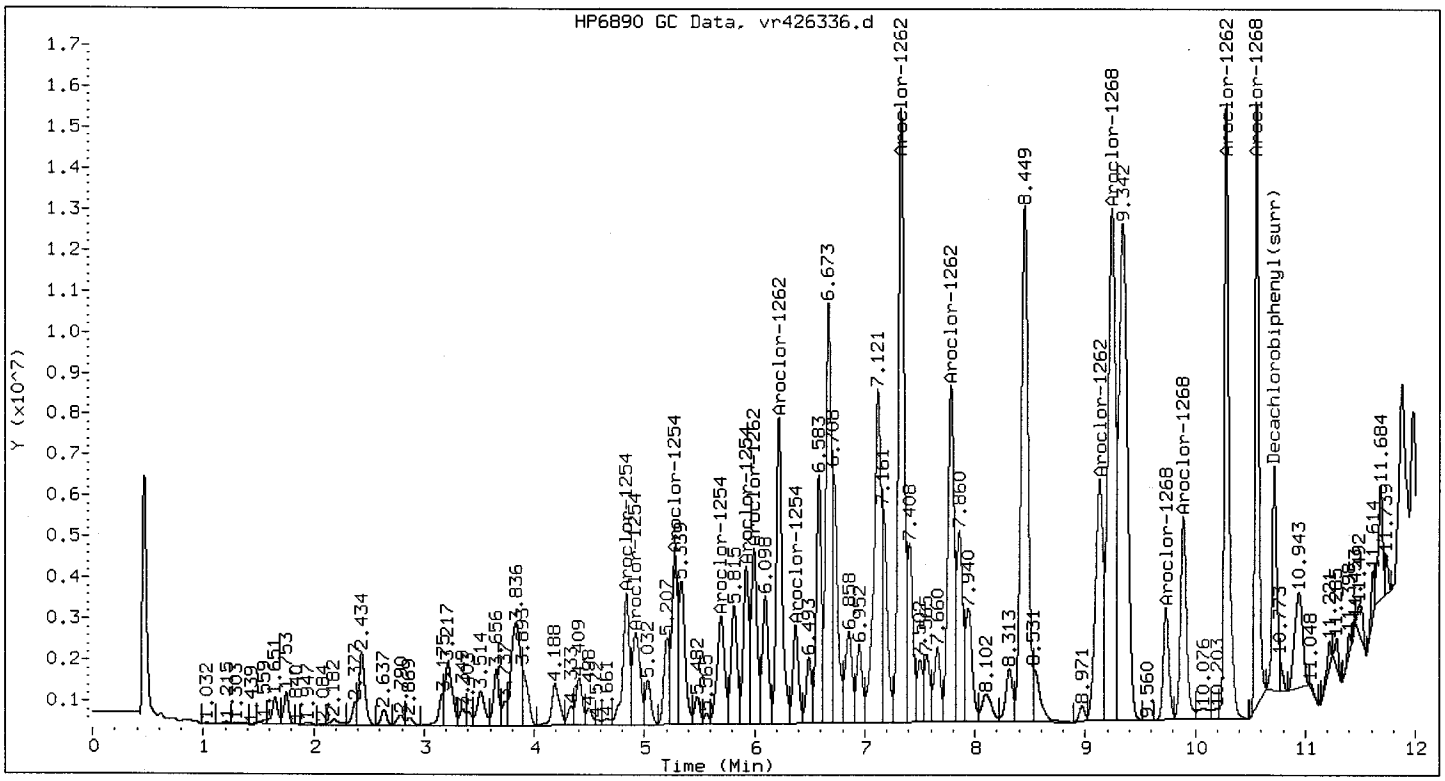
Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248		3.672	3.661	0.011	2304705	356.752	2775.202
	(2)	4.500	4.494	0.006	5688057	366.965	2854.647
	(3)	4.908	4.967	0.059	3004441	1294.751	10071.968
	(4)	------	5.174	------	------	------	------ (*)
	(5)	5.561	5.562	0.001	6504191	520.093	4045.838
	(6)	5.765	5.770	0.005	6424515	496.544	3862.650
	(7)	6.210	6.210	0.001	6801687	537.197	4178.897
	(8)	------	6.280	------	------	------	------ (*)
Average of peak concentrations:							4600.00
Aroclor-1262	(M)	7.765	7.767	0.002	23249197	1489.143	11584.155
	(2)	8.221	8.223	0.002	31368468	1722.901	13402.578
	(3)	9.333	9.337	0.004	55622754	2269.869	17657.482
	(4)	9.917	9.919	0.002	35851083	1884.931	14663.017
	(5)	10.628	10.630	0.002	33861555	1948.906	15160.685
	(6)	------	10.663	------	------	------	------ (*)

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
(7)	------	11.098	------	------	------	------	(*)
(8)	------	11.340	------	------	------	------	(*)

Average of peak concentrations: 14000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m
Sample Info : 884945;4045021
Lab ID : 884945
Inj Date : 18-DEC-2007 16:23
Operator : 615
Cpnd Sublist: PCB8082+

12-20-07

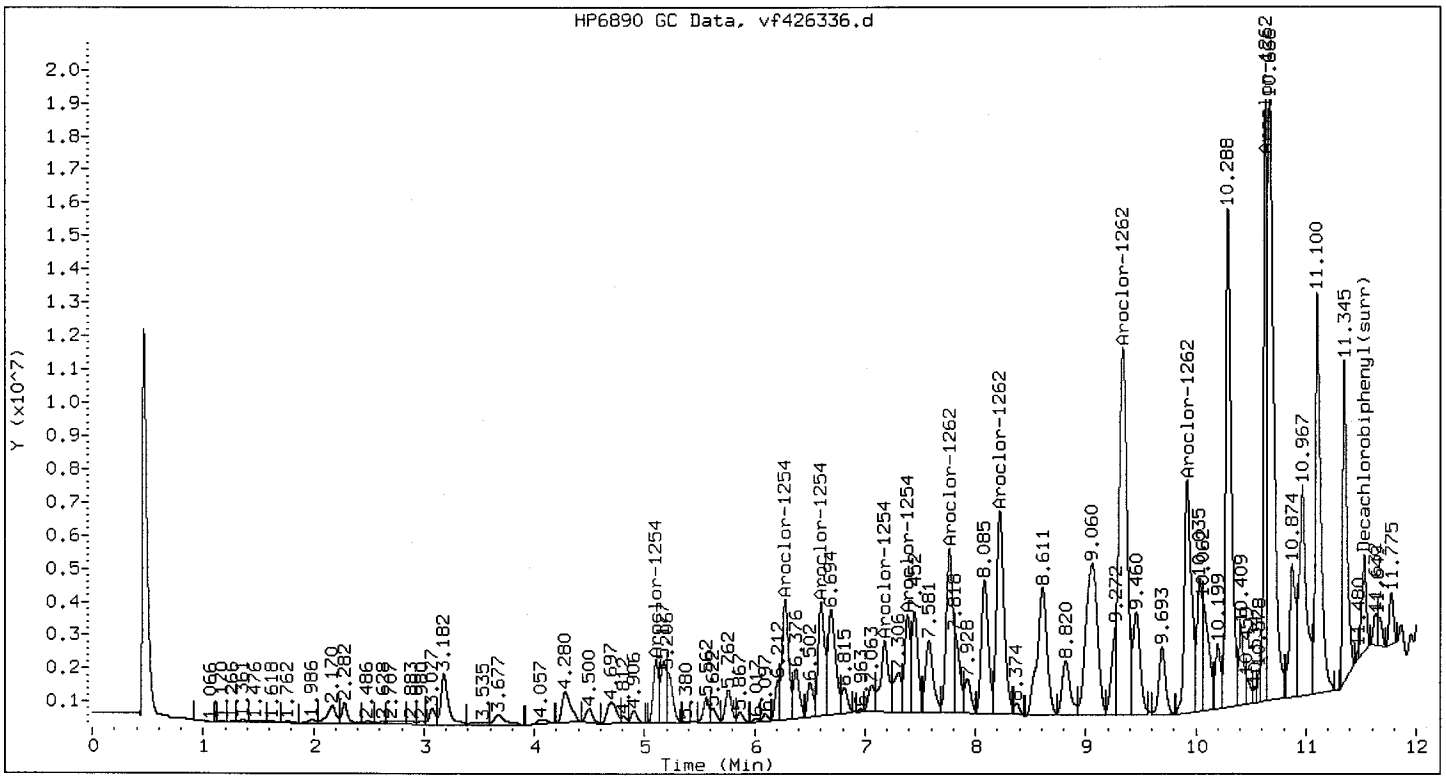
Inst ID : PESTGC9.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254	(M)	4.837	4.839	0.001	13339342	829.641	4431.843	
(2)		4.921	4.914	0.007	10682295	807.069	4311.264	
(3)		5.279	5.279	0.000	15501018	686.875	3669.204	
(4)		5.697	5.722	0.025	12600837	746.324	3986.773	
(5)		5.924	5.922	0.002	13400873	447.102	2388.363	
(6)		6.372	6.373	0.001	8548645	359.830	1922.168	
(7)		------	6.672	------	------	------	------	(*)
(8)		------	7.125	------	------	------	------	(*)
Average of peak concentrations:							3400.00	
Aroclor-1262	(M)	5.996	5.995	0.000	15747334	1237.319	6609.607	
(2)		6.222	6.220	0.001	27922861	1549.436	8276.901	
(3)		------	7.122	------	------	------	------	(*)
(4)		7.330	7.329	0.001	55893301	1979.361	10573.507	
(5)		7.782	7.782	0.001	32975084	1259.535	6728.286	
(6)		9.131	9.128	0.003	28240092	1429.108	7634.124	

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)	
(7)		------	9.345	------	------	------	------	(*)
(8)		10.280	10.280	0.001	44311630	2281.790	12189.048	
Average of peak concentrations:							8700.00	
Aroclor-1268	(M)	7.330	7.329	0.000	55893301	3449.871	18428.800	
(2)		7.782	7.774	0.007	32975084	1733.029	9257.634	
(3)		9.240	9.240	0.000	58910895	962.333	5140.670	
(4)		------	9.334	------	------	------	------	(*)
(5)		9.734	9.735	0.001	9851580	202.818	1083.432	
(6)		9.892	9.883	0.009	18864096	1142.348	6102.285	
(7)		10.280	10.280	0.000	44311630	2329.957	12446.349	
(8)		10.555	10.555	0.000	34923669	356.901	1906.520	
Average of peak concentrations:							7800.00	
Decachlorobiphenyl(surr)	(M)	10.718	10.712	0.006	16776565	51.305	274.065	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/06Vf8082.m
Sample Info : 884945;4045021
Lab ID : 884945
Inj Date : 18-DEC-2007 16:23
Operator : 615
Cpnd Sublist: PCB8082+

12-20-07

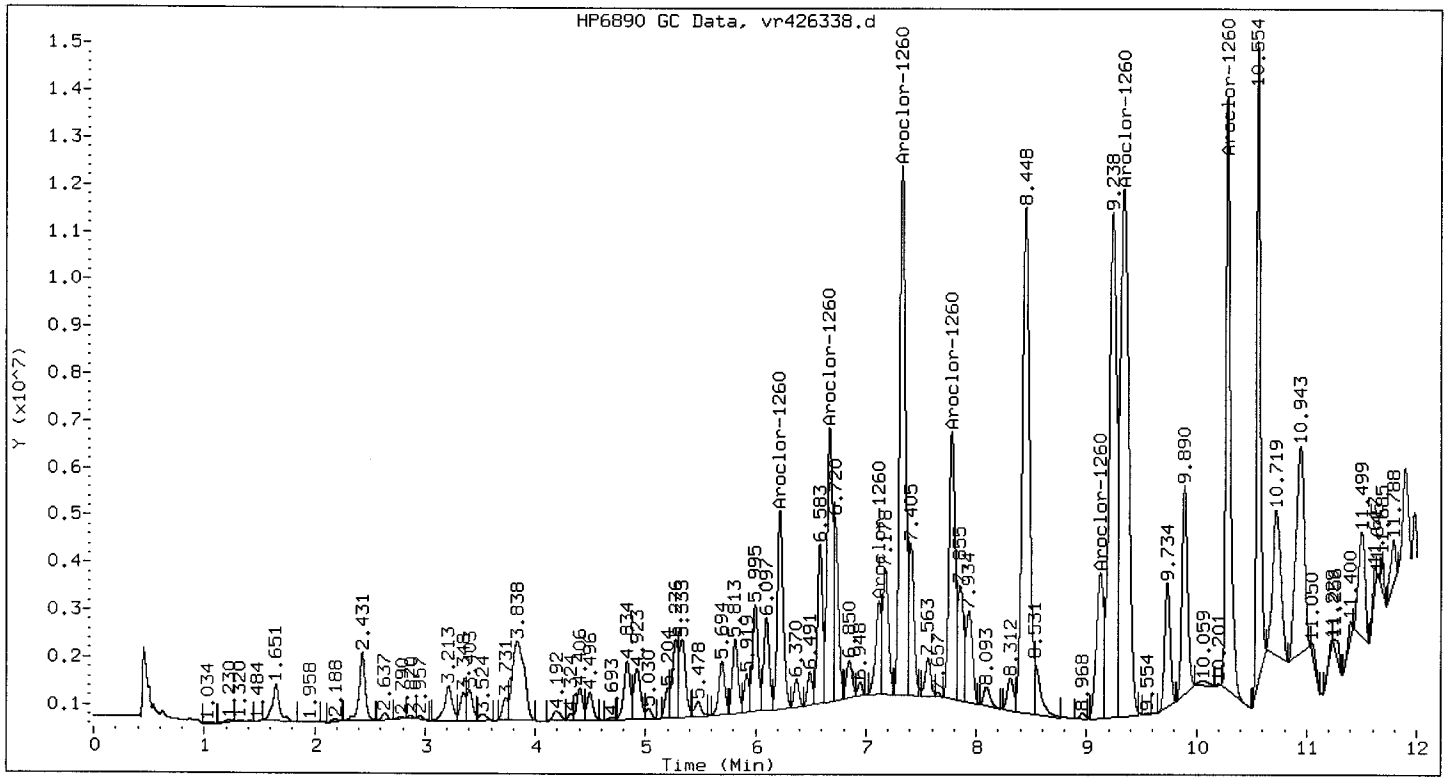
Inst ID : PESTGC9.i
Dil Factor : 5
Sample Matrix : SOIL
Sample Type: SAMPLE

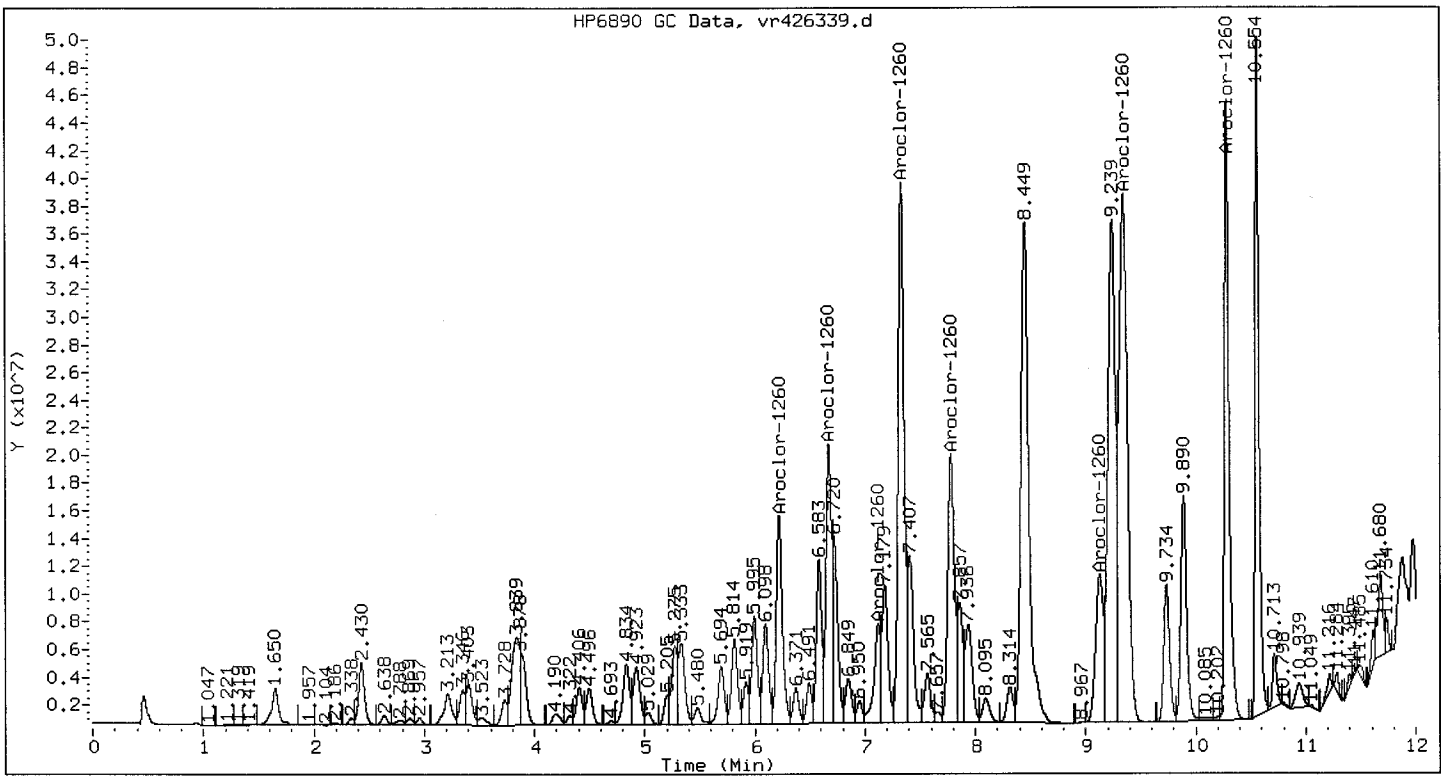
Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254		5.106	5.108	0.002	6502233	787.818	4208.432	
	(2)	6.277	6.274	0.003	15078851	939.986	5021.293	
	(3)	6.602	6.601	0.002	13728112	822.029	4391.180	
	(4)	7.181	7.176	0.004	10383196	913.168	4878.037	
	(5)	7.387	7.390	0.003	10347558	411.951	2200.595	
	(6)	------	8.604	------	------	------	------	(*)
	(7)	------	9.094	------	------	------	------	(*)
	(8)	------	9.861	------	------	------	------	(*)
Average of peak concentrations:							4100.00	
Aroclor-1262	(M)	7.766	7.767	0.001	21351882	1367.618	7305.649	
	(2)	8.224	8.223	0.001	29140035	1600.506	8549.709	
	(3)	9.336	9.337	0.001	56706992	2314.115	12361.726	
	(4)	------	9.919	------	------	------	------	(*)
	(5)	10.629	10.630	0.001	36441265	2097.382	11203.962	
	(6)	------	10.663	------	------	------	------	(*)

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
(7)		------	11.098	------	------	------	------	(*)
(8)		------	11.340	------	------	------	------	(*)
Average of peak concentrations:							9800.00	
Decachlorobiphenyl(surr)	(M)	11.528	11.525	0.003	8257901	35.727	190.849	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.


HP6890 GC Data, vr426338.d
Y (x10^7)
Time (Min)
Aroclor-1260
Aroclor-1260
Aroclor-1260

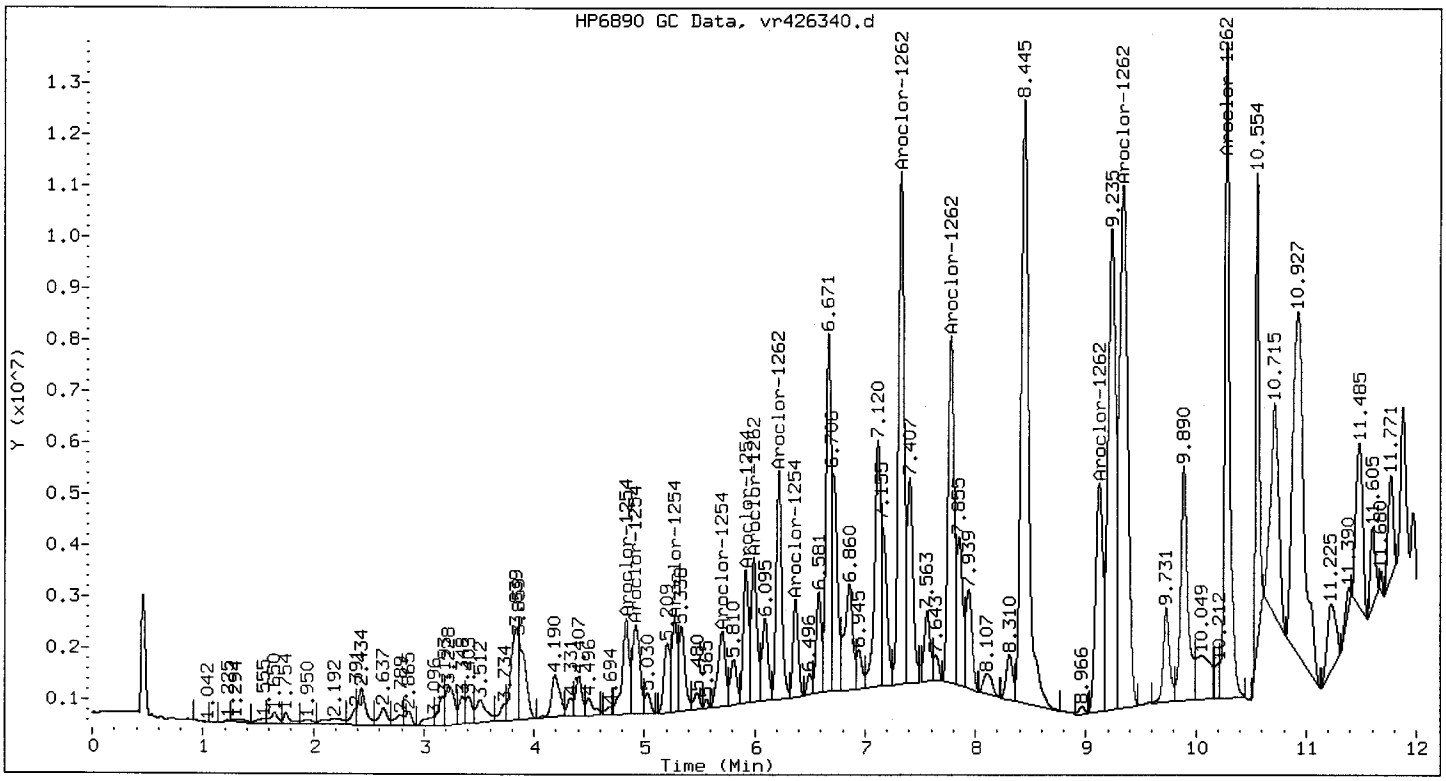


Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m
Sample Info : 884946SD;4048771
Lab ID : 884946MSD
Inj Date : 18-DEC-2007 17:09
Operator : 615 KJ 12-20-07
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 50
Sample Matrix : SOIL
Sample Type: MSD

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1260	6.220	6.220	0.000	57698547	2704.756	141314.307
(2)	6.672	6.671	0.001	70806066	1864.311	97403.924
(3)	7.119	7.122	0.003	27712716	781.653	40838.726
(4)	7.328	7.328	0.001	148995286	8401.235	438935.997
(5)	7.779	7.783	0.004	80789844	4326.791	226060.110
(6)	9.127	9.128	0.001	49871418	2171.929	113475.934
(7)	9.340	9.348	0.007	212930874	18005.001	940700.173
(8)	10.279	10.279	0.000	131181654	12642.890	660548.070

Average of peak concentrations: 330000.00



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m
Sample Info : 884943;4045017
Lab ID : 884943
Inj Date : 18-DEC-2007 17:24
Operator : 615
Cpnd Sublist: PCB8082+ 12-20-07

Inst ID : PESTGC9.i
Dil Factor : 20
Sample Matrix : SOIL
Sample Type: SAMPLE

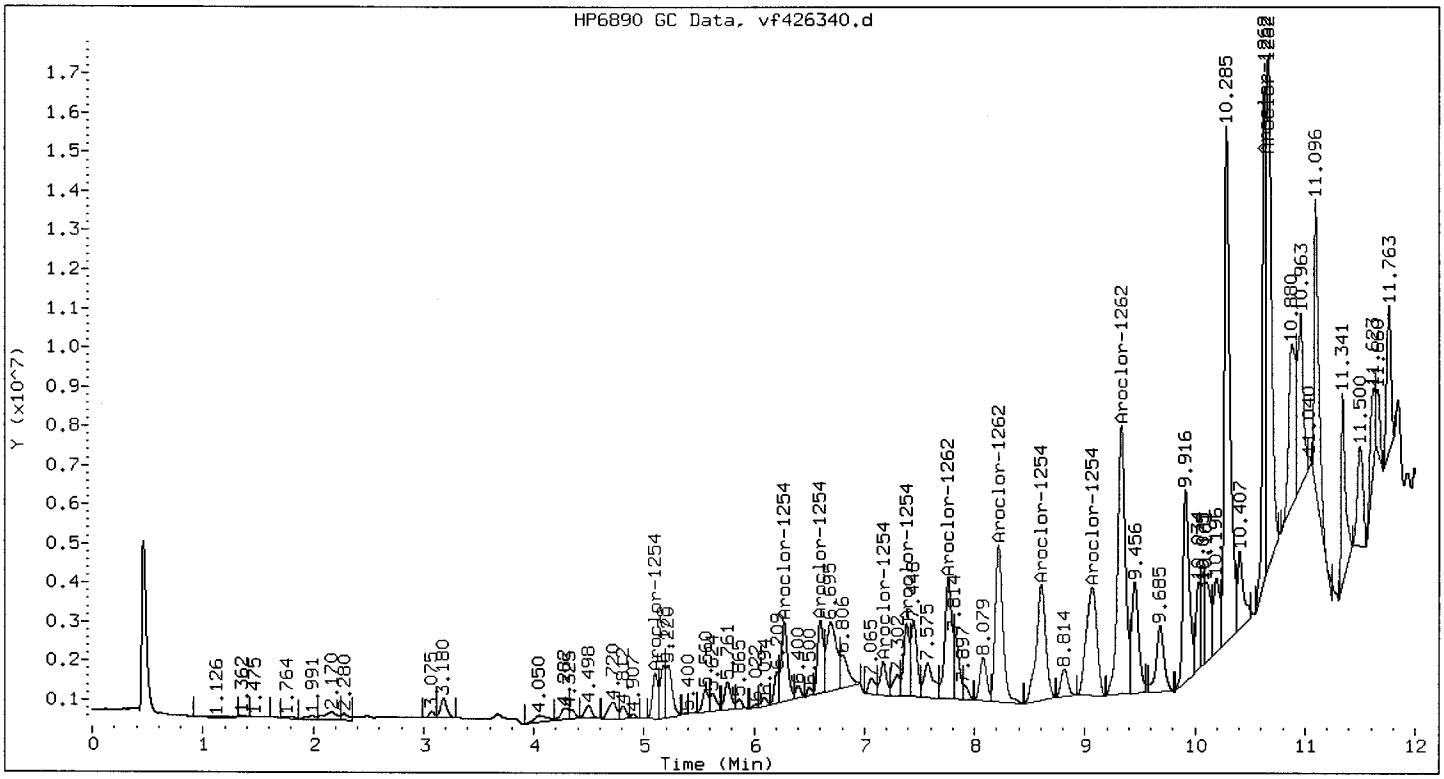
Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254	(M)	4.835	4.839	0.003	8055175	500.992	8498.592	
(2)		4.921	4.914	0.007	8542856	645.430	10948.767	
(3)		5.275	5.279	0.003	6515139	288.696	4897.307	
(4)		5.706	5.722	0.016	6898141	408.564	6930.686	
(5)		5.921	5.922	0.001	8666995	289.162	4905.213	
(6)		6.370	6.373	0.003	6407902	269.722	4575.431	
(7)		------	6.672	------	------	------	------	(*)
(8)		------	7.125	------	------	------	------	(*)
Average of peak concentrations:							6800.00	
Aroclor-1262	(M)	5.994	5.995	0.002	10442657	820.513	13918.796	
(2)		6.220	6.220	0.001	15656751	868.791	14737.762	
(3)		------	7.122	------	------	------	------	(*)
(4)		7.326	7.329	0.003	36694596	1299.473	22043.647	
(5)		7.779	7.782	0.003	26471896	1011.136	17152.429	
(6)		9.124	9.128	0.004	20411036	1032.914	17521.858	

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)	9.339	9.345	0.007	55892048	2128.916	36113.919
(8)	10.278	10.280	0.003	40080657	2063.919	35011.356

Average of peak concentrations: 22000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/06Vf8082.m
Sample Info : 884943;4045017
Lab ID : 884943
Inj Date : 18-DEC-2007 17:24
Operator : 615
Cpnd Sublist: PCB8082+

12-20-07

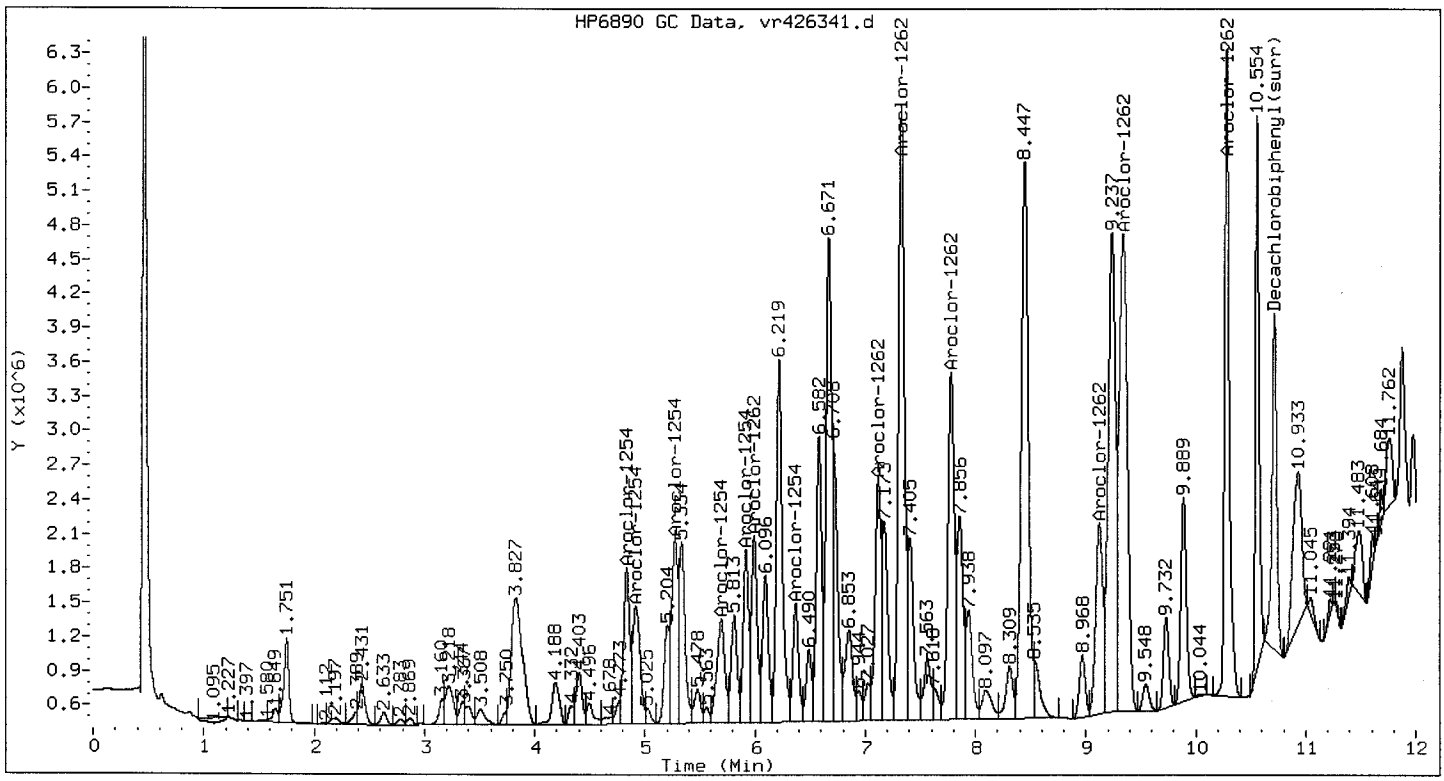
Inst ID : PESTGC9.i
Dil Factor : 20
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254		5.104	5.108	0.004	3913185	474.126	8042.853	
	(2)	6.274	6.274	0.000	8555804	533.352	9047.533	
	(3)	6.600	6.601	0.001	7364624	440.988	7480.714	
	(4)	7.173	7.176	0.003	3365582	295.992	5021.069	
	(5)	7.383	7.390	0.007	6500570	258.797	4390.113	
	(6)	8.605	8.604	0.002	17469739	899.176	15253.191	
	(7)	9.066	9.094	0.028	18632822	762.957	12942.436	
	(8)	------	9.861	------	------	------	------	(*)
Average of peak concentrations:							8900.00	
Aroclor-1262	(M)	7.761	7.767	0.006	14090734	902.531	15310.110	
	(2)	8.219	8.223	0.004	19291137	1059.559	17973.851	
	(3)	9.332	9.337	0.005	34949975	1426.249	24194.209	
	(4)	------	9.919	------	------	------	------	(*)
	(5)	10.628	10.630	0.003	25854170	1488.040	25242.409	
	(6)	10.664	10.663	0.001	43901299	2069.292	35102.488	

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)	
(7)	------	11.098	------	------	------	------	(*)
(8)	------	11.340	------	------	------	------	(*)
Average of peak concentrations:						24000.00	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m
Sample Info : 884944;4045019
Lab ID : 884944
Inj Date : 18-DEC-2007 17:39
Operator : 615
Cpnd Sublist: PCB8082+ 12-20-07

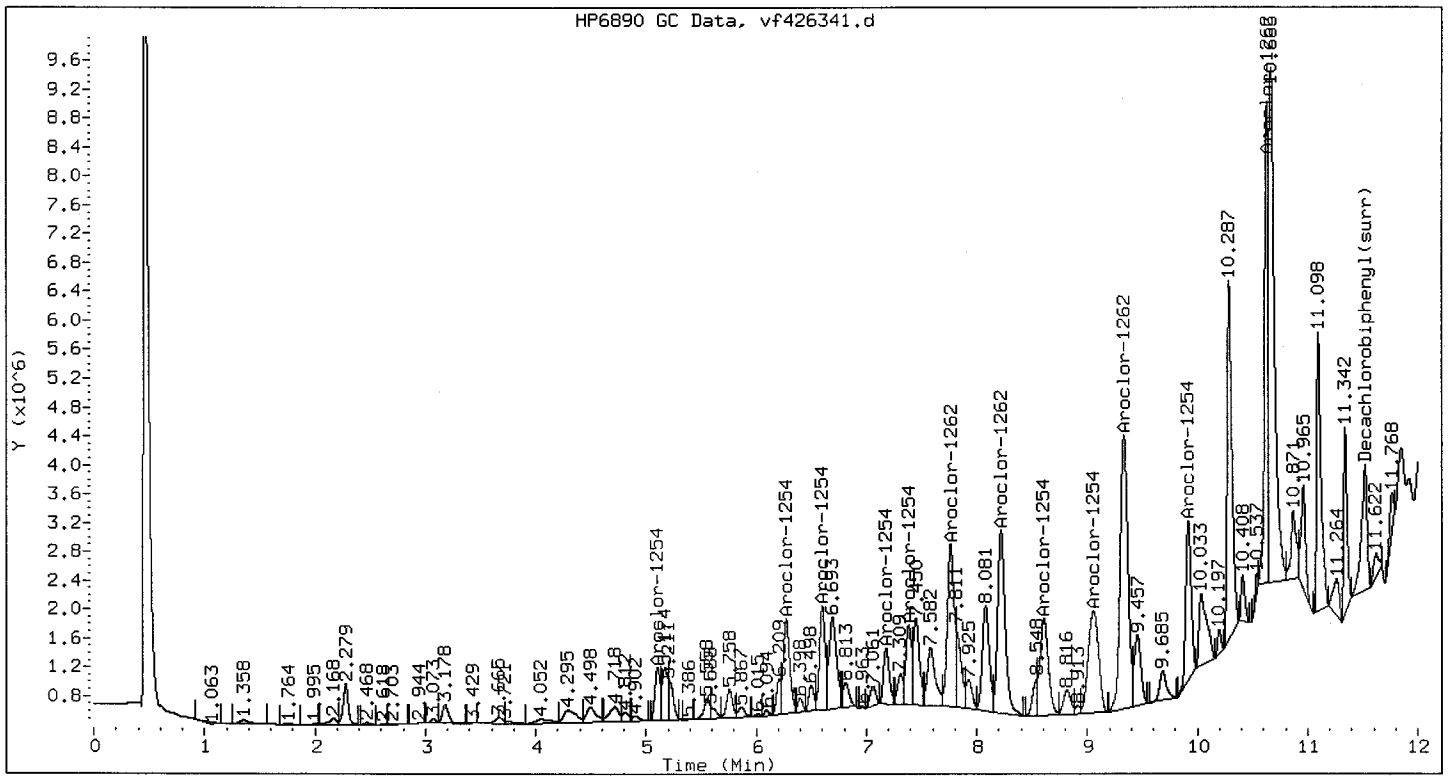
Inst ID : PESTGC9.i
Dil Factor : 2
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1254	(M)	4.834	4.839	0.005	5260285	327.164	665.982
(2)		4.918	4.914	0.005	4918179	371.578	756.393
(3)		5.275	5.279	0.004	6217254	275.496	560.807
(4)		5.694	5.722	0.028	4609988	273.041	555.808
(5)		5.918	5.922	0.004	5075759	169.346	344.724
(6)		6.370	6.373	0.003	3798898	159.903	325.503
(7)		------	6.672	------	------	------	------ (*)
(8)		------	7.125	------	------	------	------ (*)
Average of peak concentrations:							530.00
Aroclor-1262		5.993	5.995	0.002	5982441	470.060	956.864
(2)		------	6.220	------	------	------	------ (*)
(3)		------	7.122	------	------	------	------ (*)
(4)		7.327	7.329	0.002	20317534	719.509	1464.649
(5)		7.778	7.782	0.004	12357261	472.005	960.824
(6)		9.123	9.128	0.005	7441477	376.581	766.577

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.340	9.345	0.005	22452929	855.227	1740.920
(8)	10.278	10.280	0.002	16315445	840.150	1710.229
Average of peak concentrations:						1300.00
Decachlorobiphenyl(surr)	10.713	10.712	0.002	8984809	27.477	55.932

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/06Vf8082.m
Sample Info : 884944;4045019
Lab ID : 884944
Inj Date : 18-DEC-2007 17:39
Operator : 615
Cpnd Sublist: PCB8082+

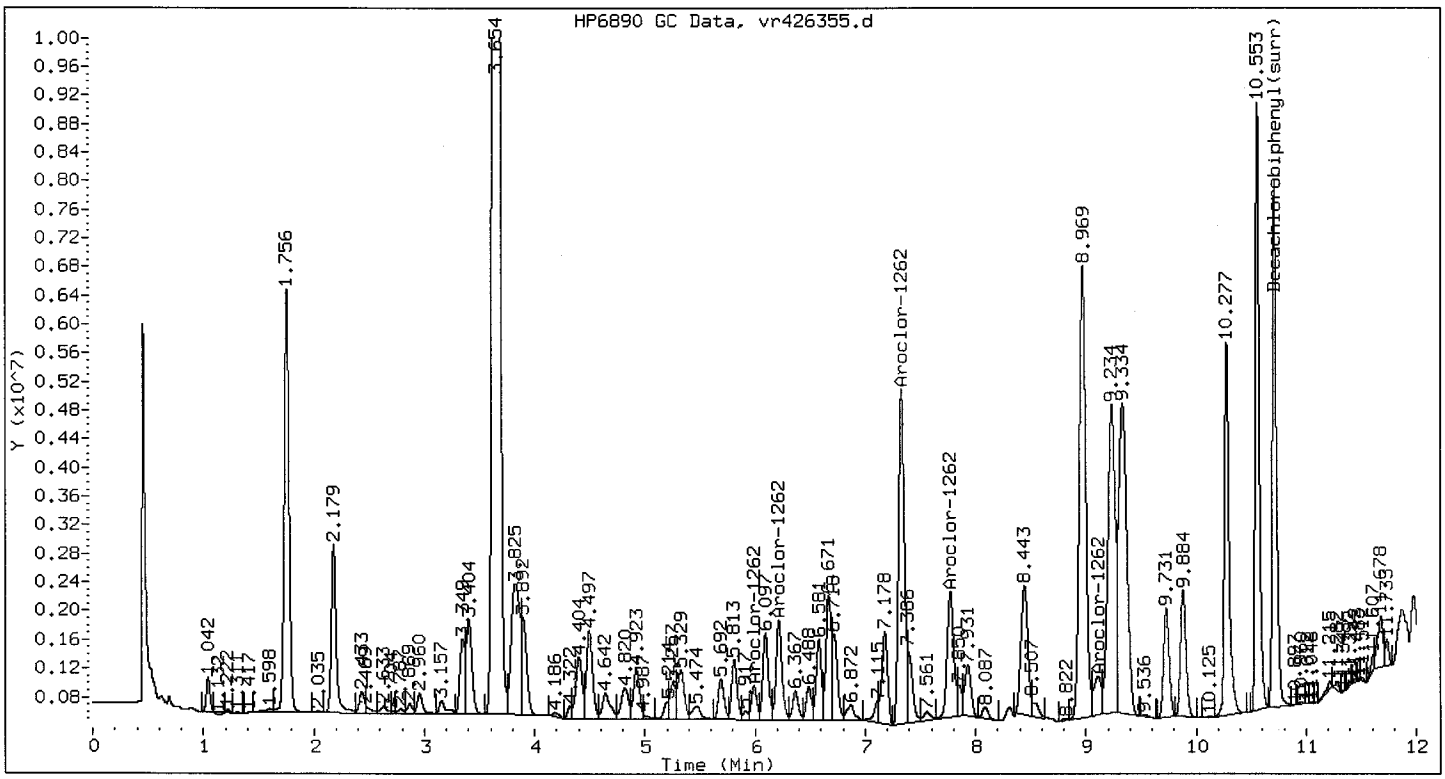
Inst ID : PESTGC9.i
Dil Factor : 2
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1254	(M)	5.104	5.108	0.004	2483930	300.956	612.633
(2)		6.273	6.274	0.001	5369016	334.694	681.311
(3)		6.600	6.601	0.000	5512004	330.055	671.867
(4)		7.179	7.176	0.003	2859636	251.496	511.951
(5)		7.383	7.390	0.006	3844428	153.052	311.557
(6)		8.608	8.604	0.005	7175902	369.347	751.851
(7)		9.058	9.094	0.035	9304582	380.994	775.560
(8)		------	9.861	------	------	------	------ (*)
Average of peak concentrations:							620.00
Aroclor-1262	(M)	7.763	7.767	0.004	9585745	613.980	1249.832
(2)		8.220	8.223	0.003	12158301	667.790	1359.369
(3)		9.334	9.337	0.003	18759167	765.529	1558.330
(4)		------	9.919	------	------	------	------ (*)
(5)		10.629	10.630	0.001	13850126	797.146	1622.689
(6)		------	10.663	------	------	------	------ (*)

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)	
(7)	------	11.098	------	------	------	------	(*)
(8)	------	11.340	------	------	------	------	(*)
Average of peak concentrations:						1400.00	
Decachlorobiphenyl(surr)	11.523	11.525	0.002	6101774	26.399	53.738	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m
Sample Info : 884949;4045029
Lab ID : 884949
Inj Date : 18-DEC-2007 21:12
Operator : 615
Cpnd Sublist: PCB8082+

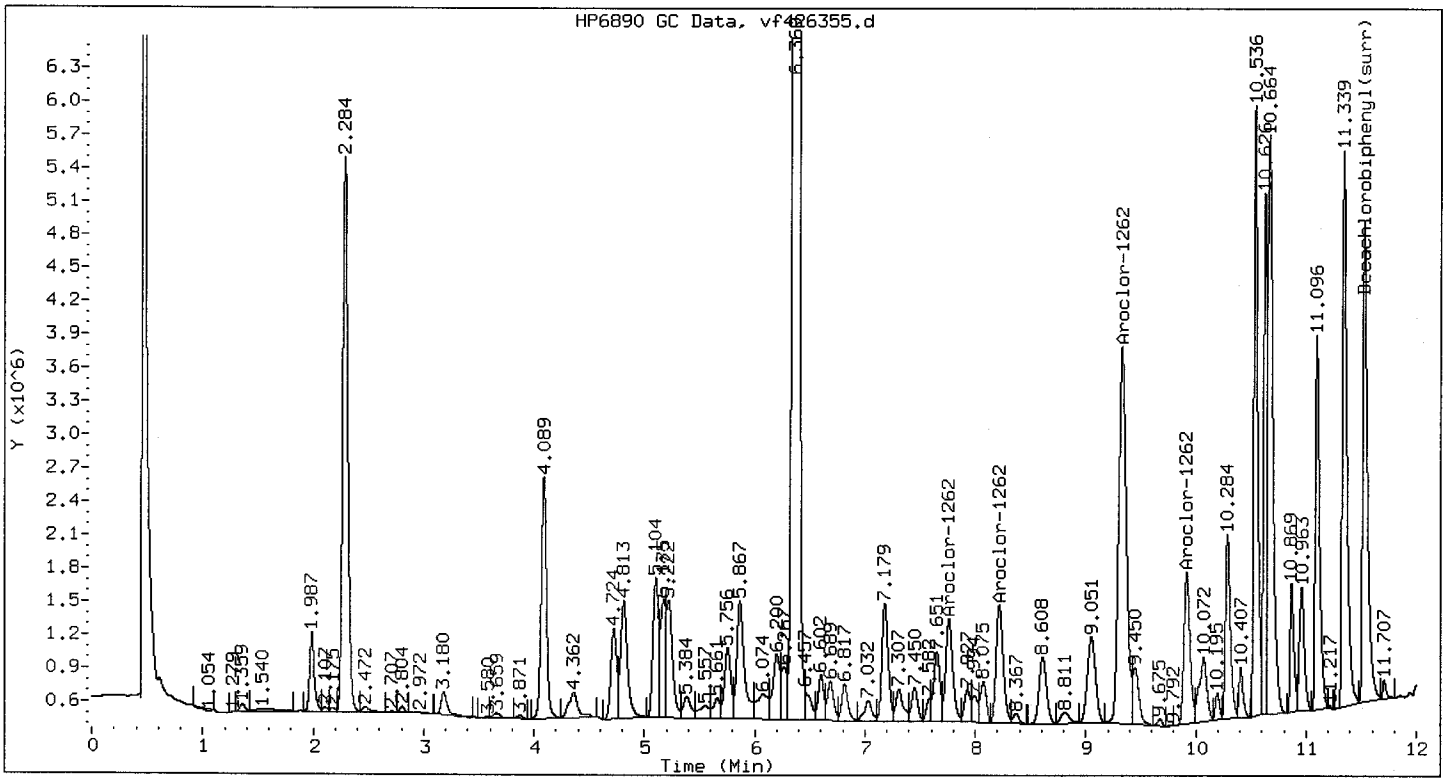
12-20-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1262	(M)	5.993	5.995	0.002	1622169	127.459	166.287
(2)		6.218	6.220	0.002	5120610	284.142	370.701
(3)		------	7.122	------	------	------	------ (*)
(4)		7.327	7.329	0.001	17173719	608.176	793.446
(5)		7.772	7.782	0.011	7260136	277.312	361.790
(6)		9.110	9.128	0.018	2494754	126.249	164.708
(7)		------	9.345	------	------	------	------ (*)
(8)		------	10.280	------	------	------	------ (*)
Average of peak concentrations:							370.00
Decachlorobiphenyl(surr)		10.711	10.712	0.001	18618134	56.937	74.281

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/06Vf8082.m
Sample Info : 884949;4045029
Lab ID : 884949
Inj Date : 18-DEC-2007 21:12
Operator : 615
Cpnd Sublist: PCB8082

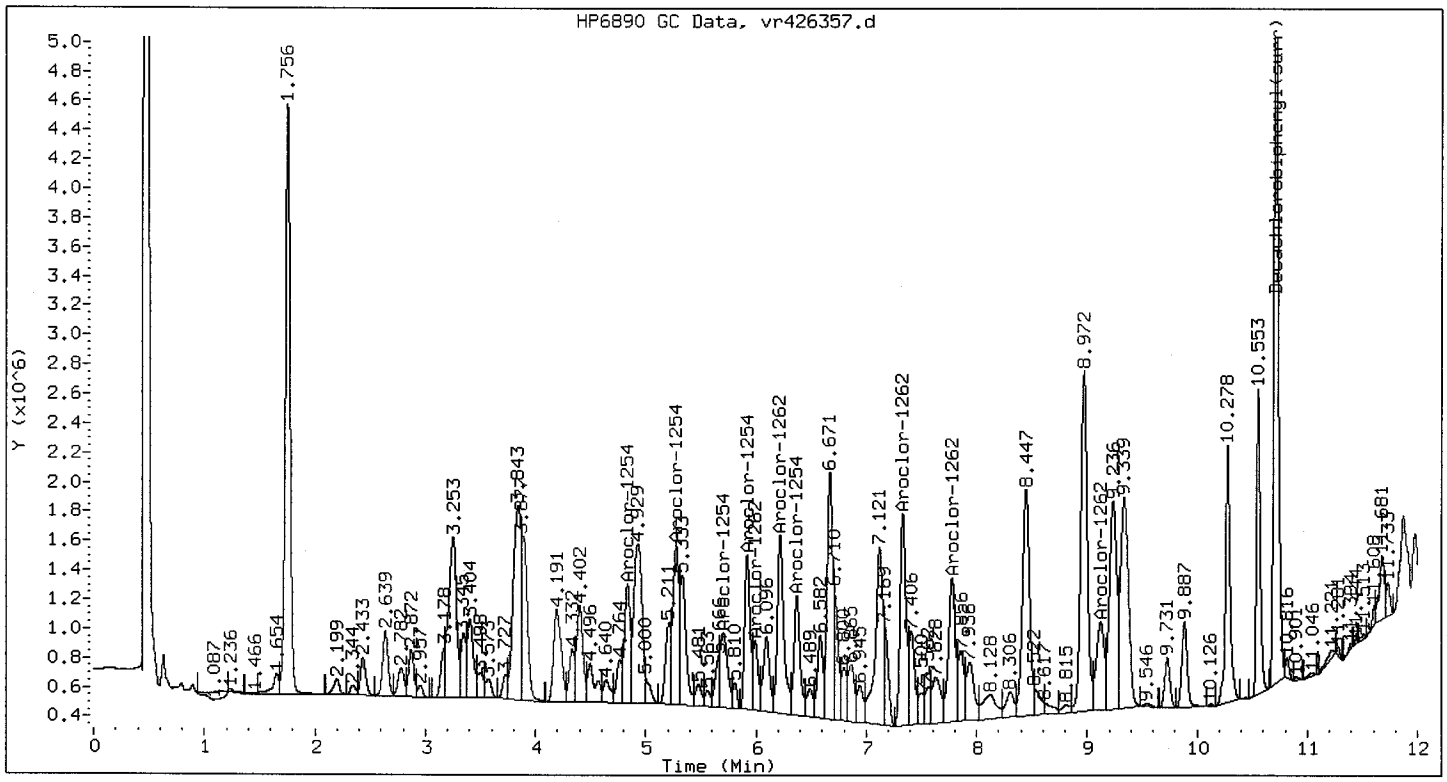
12-20-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1262	7.761	7.767	0.006	4106513	263.028	343.154	
(2)	8.217	8.223	0.006	4734036	260.015	339.224	
(3)	9.330	9.337	0.007	16855240	687.833	897.369	
(4)	9.916	9.919	0.003	5247340	275.888	359.932	
(5)	------	10.630	------	------	------	------	(*)
(6)	------	10.663	------	------	------	------	(*)
(7)	------	11.098	------	------	------	------	(*)
(8)	------	11.340	------	------	------	------	(*)
Average of peak concentrations:						480.00	
Decachlorobiphenyl(surr)	11.525	11.525	0.000	12729176	55.071	71.848	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m
Sample Info : 884952;4045035
Lab ID : 884952
Inj Date : 18-DEC-2007 21:43
Operator : 615 LS 12-20-07
Cpnd Sublist: PCB8082+

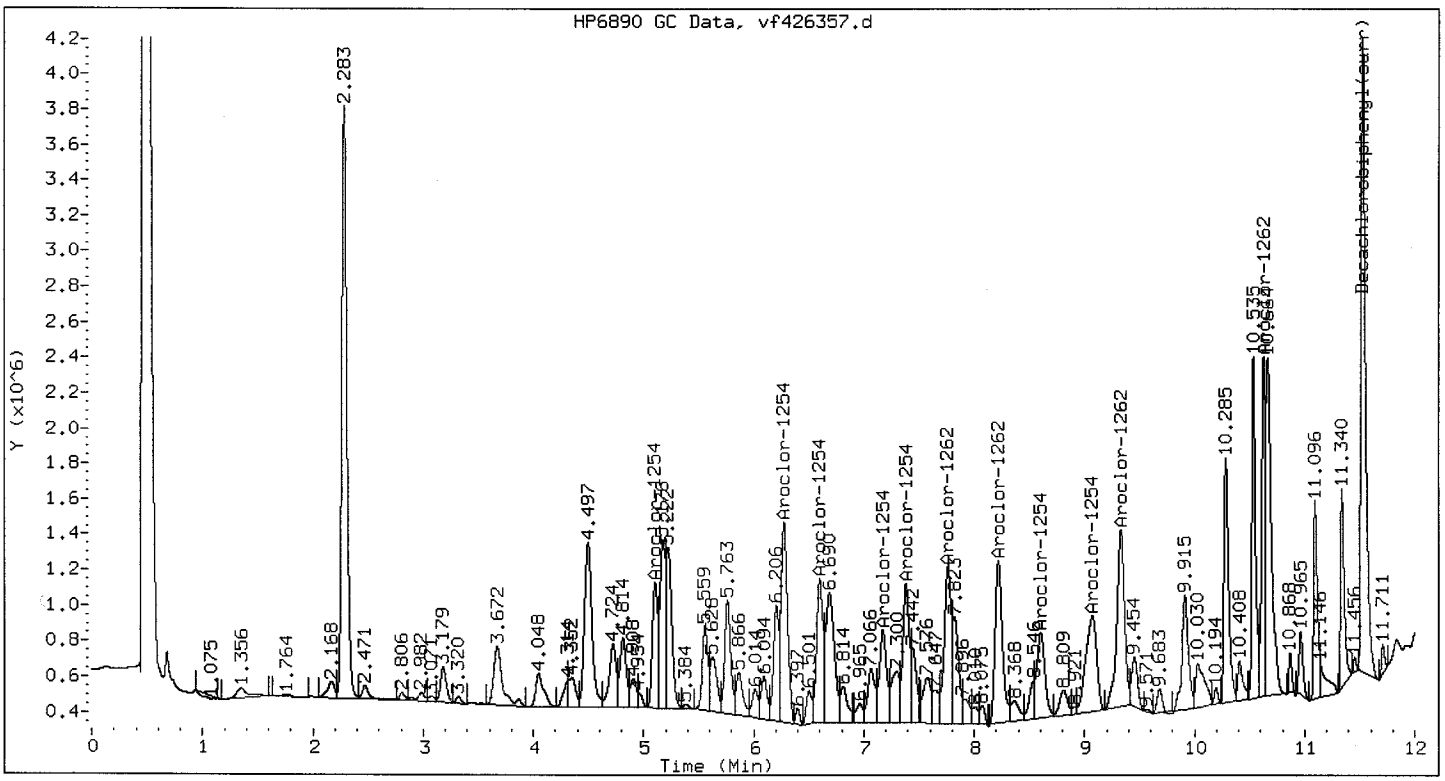
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1254	(M)	4.835	4.839	0.004	3032769	188.623	295.880
(2)		------	4.914	------	------	------	------ (*)
(3)		5.276	5.279	0.002	4276803	189.512	297.274
(4)		5.704	5.722	0.018	2413266	142.933	224.209
(5)		5.920	5.922	0.002	3630150	121.115	189.984
(6)		6.371	6.373	0.002	3175808	133.676	209.688
(7)		------	6.672	------	------	------	------ (*)
(8)		------	7.125	------	------	------	------ (*)
Average of peak concentrations:							240.00
Aroclor-1262	(M)	5.991	5.995	0.004	1585169	124.552	195.375
(2)		6.220	6.220	0.001	5020371	278.580	436.988
(3)		------	7.122	------	------	------	------ (*)
(4)		7.331	7.329	0.002	5316251	188.265	295.318
(5)		7.776	7.782	0.006	4404686	168.244	263.912
(6)		9.123	9.128	0.005	3016361	152.645	239.443

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)	
(7)	------	9.345	------	------	------	------	(*)
(8)	------	10.280	------	------	------	------	(*)
Average of peak concentrations:						290.00	
Decachlorobiphenyl(surr)	10.711	10.712	0.001	15129732	46.269	72.578	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/06Vf8082.m
Sample Info : 884952;4045035
Lab ID : 884952
Inj Date : 18-DEC-2007 21:43
Operator : 615 12-20-07
Cpnd Sublist: PCB8082+

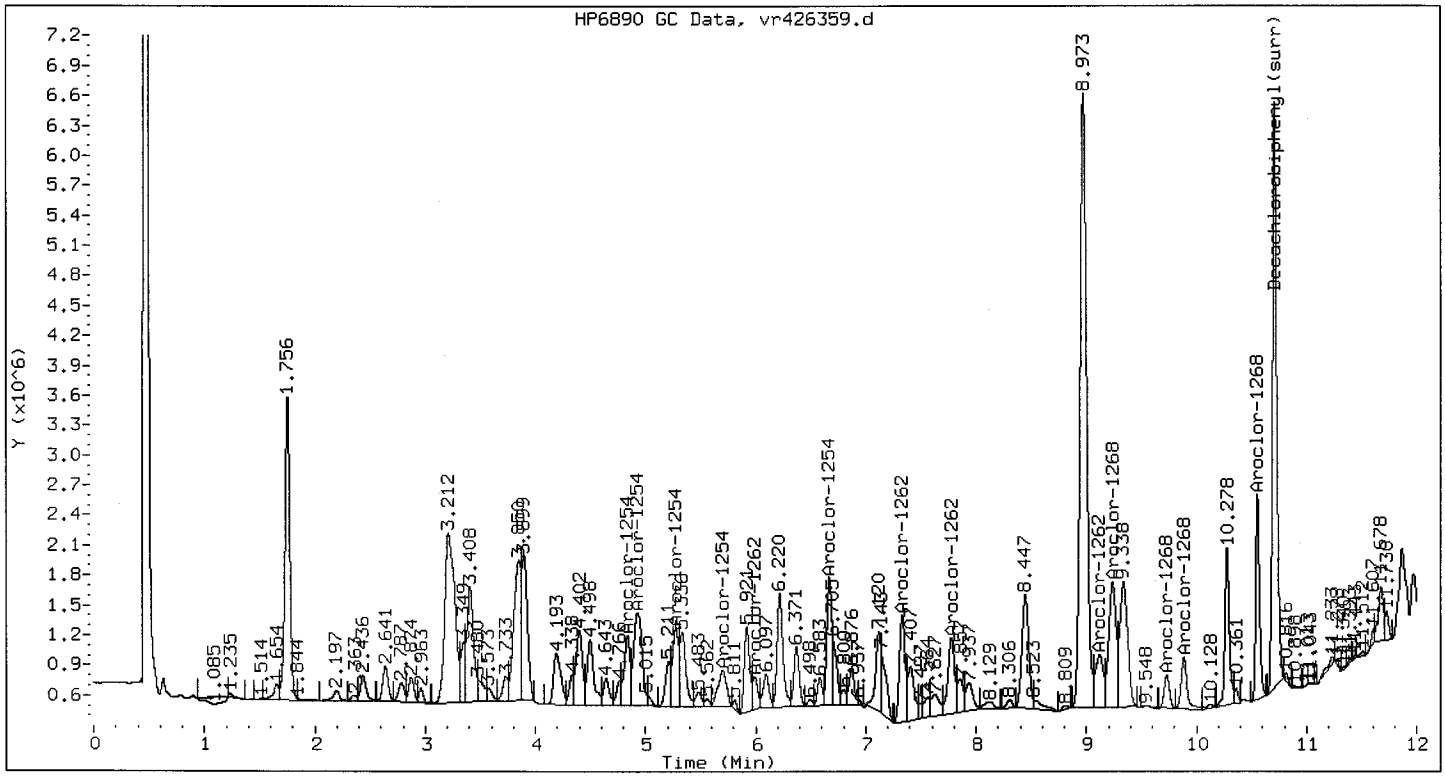
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1254	(M)	5.105	5.108	0.003	2292390	277.749	435.684
(2)		6.276	6.274	0.002	4630077	288.630	452.753
(3)		6.598	6.601	0.002	3315397	198.523	311.409
(4)		7.174	7.176	0.002	2417800	212.638	333.549
(5)		7.383	7.390	0.007	3129036	124.571	195.406
(6)		8.604	8.604	0.000	2495755	128.458	201.502
(7)		9.072	9.094	0.022	3775339	154.588	242.492
(8)		------	9.861	------	------	------	------ (*)
Average of peak concentrations:							310.00
Aroclor-1262	(M)	7.762	7.767	0.005	4068632	260.601	408.787
(2)		8.220	8.223	0.003	4196841	230.510	361.584
(3)		9.331	9.337	0.006	5008314	204.381	320.597
(4)		------	9.919	------	------	------	------ (*)
(5)		10.626	10.630	0.004	4030435	231.972	363.878
(6)		------	10.663	------	------	------	------ (*)

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)	
(7)	------	11.098	------	------	------	------	(*)
(8)	------	11.340	------	------	------	------	(*)
Average of peak concentrations:						360.00	
Decachlorobiphenyl(surr)	11.526	11.525	0.001	10224113	44.234	69.386	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m
Sample Info : 884953;4045037
Lab ID : 884953
Inj Date : 18-DEC-2007 22:13
Operator : 615
Cpnd Sublist: PCB8082+

12-20-07

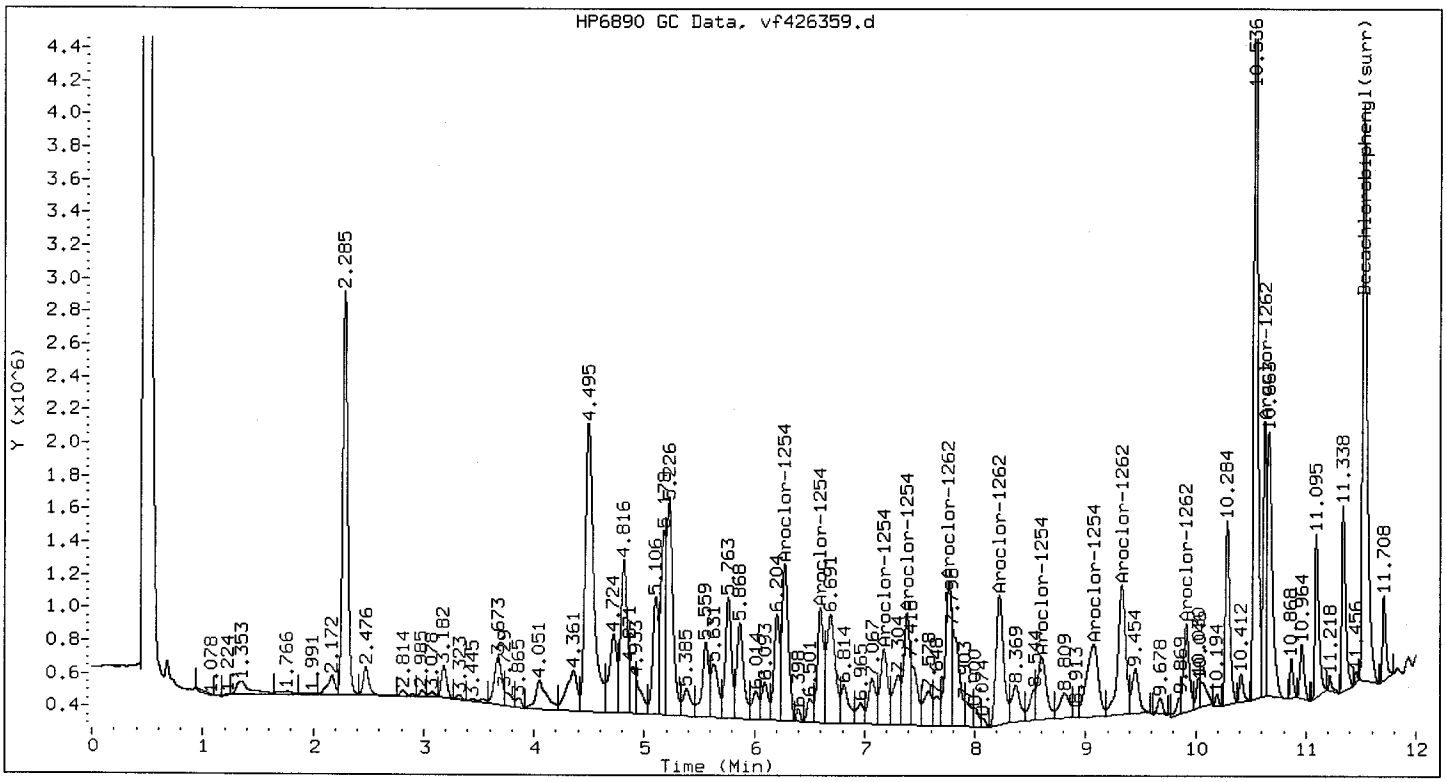
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1254	(M)	4.837	4.839	0.002	2647971	164.691	246.174
(2)		4.931	4.914	0.017	4888683	369.350	552.092
(3)		5.277	5.279	0.002	2877228	127.495	190.575
(4)		5.703	5.722	0.020	1919219	113.672	169.913
(5)		------	5.922	------	------	------	------ (*)
(6)		------	6.373	------	------	------	------ (*)
(7)		6.672	6.672	0.000	4079641	180.361	269.598
(8)		------	7.125	------	------	------	------ (*)
Average of peak concentrations:							280.00
Aroclor-1262	(M)	5.992	5.995	0.004	1053257	82.758	123.704
(2)		------	6.220	------	------	------	------ (*)
(3)		------	7.122	------	------	------	------ (*)
(4)		7.332	7.329	0.003	3954760	140.051	209.343
(5)		7.778	7.782	0.005	3301238	126.096	188.484
(6)		9.118	9.128	0.010	2615412	132.355	197.839

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	------	9.345	------	------	------	------ (*)
(8)	------	10.280	------	------	------	------ (*)
Average of peak concentrations:						180.00
Aroclor-1268	7.332	7.329	0.002	3954760	244.097	364.869
(2)	7.778	7.774	0.003	3301238	173.499	259.341
(3)	9.237	9.240	0.004	5911418	96.565	144.343
(4)	------	9.334	------	------	------	------ (*)
(5)	9.731	9.735	0.004	1018773	20.974	31.351
(6)	9.887	9.883	0.004	1855014	112.334	167.913
(7)	------	10.280	------	------	------	------ (*)
(8)	10.553	10.555	0.002	4861198	49.679	74.258
Average of peak concentrations:						170.00
Decachlorobiphenyl(surr)	10.710	10.712	0.002	15529486	47.491	70.988

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07g.b/06Vf8082.m
Sample Info : 884953;4045037
Lab ID : 884953
Inj Date : 18-DEC-2007 22:13
Operator : 615 12-20-07
Cpnd Sublist: PCB8082+

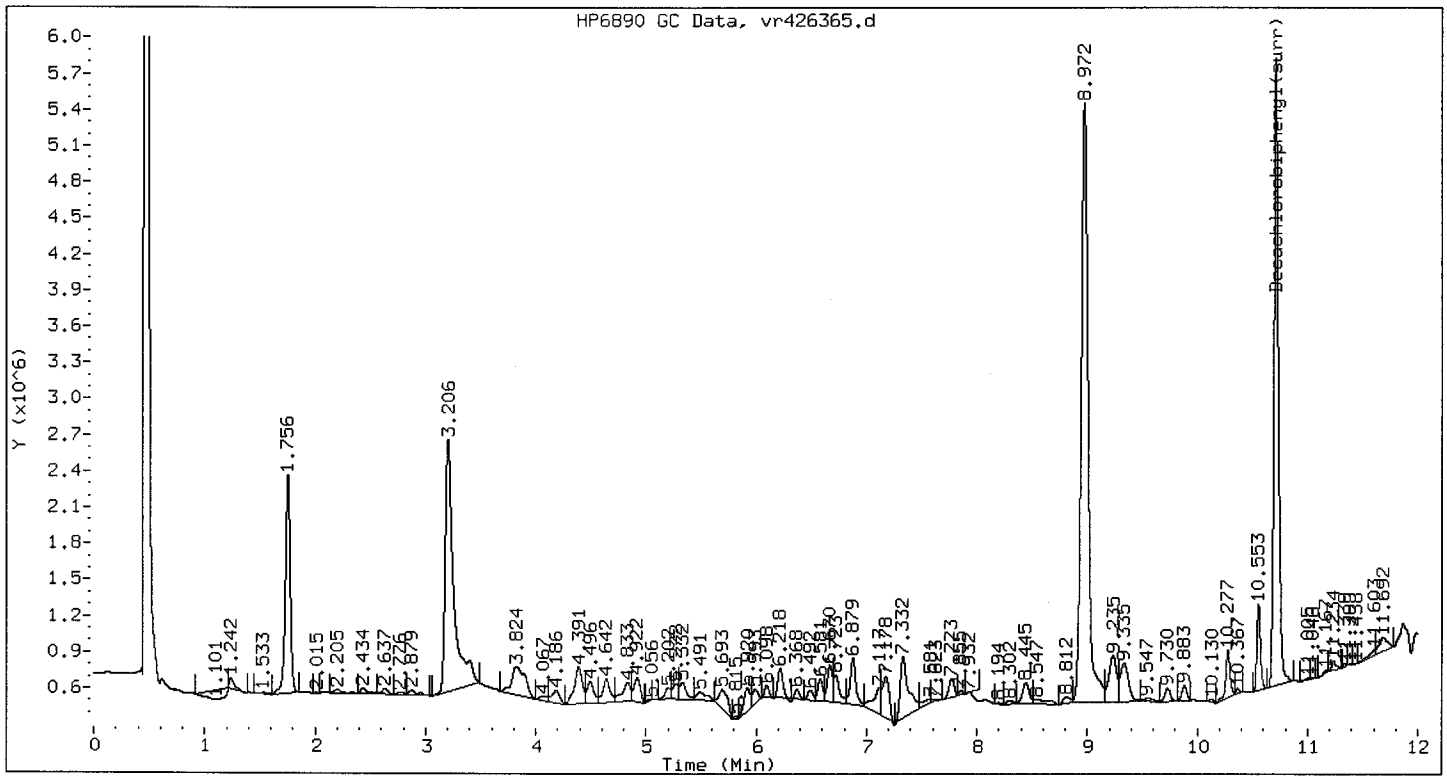
Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1254	(M)	------	5.108	------	------	------	------ (*)
(2)		6.275	6.274	0.001	3915053	244.057	364.808
(3)		6.598	6.601	0.003	2901270	173.726	259.680
(4)		7.174	7.176	0.002	2170552	190.893	285.341
(5)		7.383	7.390	0.007	2533455	100.861	150.763
(6)		8.603	8.604	0.001	2164564	111.411	166.534
(7)		9.073	9.094	0.021	3289364	134.689	201.329
(8)		------	9.861	------	------	------	------ (*)
Average of peak concentrations:							240.00
Aroclor-1262	(M)	7.763	7.767	0.005	3668736	234.988	351.252
(2)		8.220	8.223	0.003	3714223	204.002	304.936
(3)		9.331	9.337	0.006	4056995	165.559	247.472
(4)		9.914	9.919	0.005	1956890	102.887	153.792
(5)		10.627	10.630	0.004	3450500	198.594	296.852
(6)		------	10.663	------	------	------	------ (*)

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)	
(7)	------	11.098	------	------	------	------	(*)
(8)	------	11.340	------	------	------	------	(*)
Average of peak concentrations:						270.00	
Decachlorobiphenyl(surr)	11.524	11.525	0.001	9911941	42.883	64.100	

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b/06Vr8082.m
Sample Info : 884954;4045039
Lab ID : 884954
Inj Date : 18-DEC-2007 23:45
Operator : 615
Cpnd Sublist: PCB8082+

12-20-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Decachlorobiphenyl(surr)	10.710	10.712	0.002	14417614	44.091	50.679

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07h.b/vr426368.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07h.b/06Vr8082.m

Sample Information: SG1660L3_00003H
Injection Date: 19-DEC-2007 00:31

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.189	1000	1043.67	4.37
Aroclor-1016	2	2.637	1000	1019.89	1.99
Aroclor-1016	3	2.890	1000	1083.44	8.34
Aroclor-1016	4	3.252	1000	1009.98	1.00
Aroclor-1016	5	3.473	1000	1077.62	7.76
Aroclor-1016	6	3.578	1000	1120.51	12.05
Aroclor-1016	7	4.193	1000	1005.56	0.56
Aroclor-1016	8	4.338	1000	999.70	0.03
Aroclor-1260	1	6.220	1000	1072.66	7.27
Aroclor-1260	2	6.672	1000	1049.67	4.97
Aroclor-1260	3	7.122	1000	1077.15	7.71
Aroclor-1260	4	7.328	1000	1024.75	2.48
Aroclor-1260	5	7.782	1000	1064.93	6.49
Aroclor-1260	6	9.128	1000	1061.50	6.15
Aroclor-1260	7	9.347	1000	1101.20	10.12
Aroclor-1260	8	10.279	1000	1133.83	13.38

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.755	100	102.30	2.30
Decachlorobiphenyl(sur	10.711	100	93.28	6.72

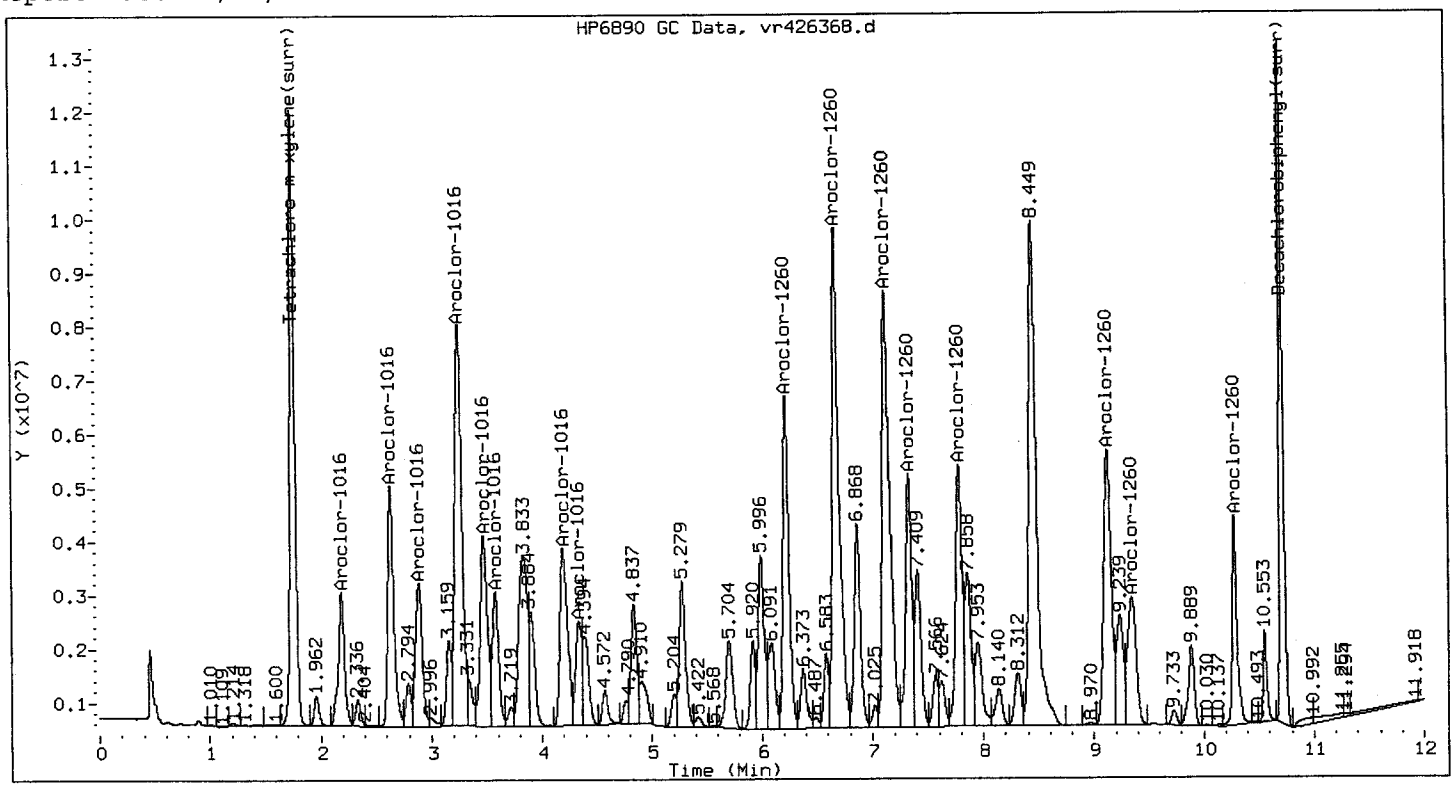
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07h.b/vr426368.d
Injection Date: 19-DEC-2007 00:31

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.189	
	2.634	(2.564 - 2.704)	2.637	
	2.888	(2.818 - 2.958)	2.890	
	3.250	(3.180 - 3.320)	3.252	
	3.471	(3.401 - 3.541)	3.473	
	3.576	(3.506 - 3.646)	3.578	
	4.191	(4.121 - 4.261)	4.193	
	4.336	(4.266 - 4.406)	4.338	
Aroclor-1260	6.221	(6.151 - 6.291)	6.220	
	6.672	(6.602 - 6.742)	6.672	
	7.123	(7.053 - 7.193)	7.122	
	7.328	(7.258 - 7.398)	7.328	
	7.784	(7.714 - 7.854)	7.782	
	9.131	(9.061 - 9.201)	9.128	
	9.348	(9.278 - 9.418)	9.347	
	10.281	(10.211 - 10.351)	10.279	
Tetrachloro-m-xylene(surr)	1.750	(1.700 - 1.800)	1.755	
Decachlorobiphenyl(surr)	10.713	(10.613 - 10.813)	10.711	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07h.b/06Vr8082.m
Sample Info : SG1660L3_00003H
Lab ID : SG1660L3_00003H
Inj Date : 19-DEC-2007 00:31
Operator : 615
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.189	2.189	0.000	9720479	1043.672	1043.672
(2)		2.637	2.637	0.000	16781947	1019.894	1019.894
(3)		2.890	2.890	0.000	11373592	1083.437	1083.437
(4)		3.252	3.252	0.000	34615800	1009.982	1009.982
(5)		3.473	3.473	0.000	15886003	1077.624	1077.624
(6)		3.578	3.578	0.000	10005457	1120.512	1120.512
(7)		4.193	4.193	0.000	15993779	1005.556	1005.556
(8)		4.338	4.338	0.000	7158726	999.699	999.699
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	6.220	6.220	0.000	22882263	1072.660	1072.660
(2)		6.672	6.672	0.000	39866068	1049.666	1049.666
(3)		7.122	7.122	0.000	38189221	1077.149	1077.149
(4)		7.328	7.328	0.000	18173953	1024.755	1024.755
(5)		7.782	7.782	0.000	19884286	1064.925	1064.925
(6)		9.128	9.128	0.000	24373903	1061.498	1061.498

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)		9.347	9.347	0.000	13022973	1101.196	1101.196
(8)		10.279	10.279	0.000	11764561	1133.833	1133.833
Average of peak concentrations:							1100.00
Tetrachloro-m-xylene(surr)		1.755	1.755	0.000	35134122	102.299	102.299
Decachlorobiphenyl(surr)	(M)	10.711	10.711	0.000	30502091	93.279	93.279

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07h.b/vf426368.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07h.b/06Vf8082.m

Sample Information: SG1660L3_00003H
Injection Date: 19-DEC-2007 00:31

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.984	1000	1042.47	4.25
Aroclor-1016	2	3.666	1000	1049.62	4.96
Aroclor-1016	3	4.106	1000	1102.91	10.29
Aroclor-1016	4	4.498	1000	1052.97	5.30
Aroclor-1016	5	4.741	1000	1046.69	4.67
Aroclor-1016	6	5.173	1000	1056.24	5.62
Aroclor-1016	7	5.560	1000	1041.39	4.14
Aroclor-1016	8	5.769	1000	1047.95	4.79
Aroclor-1260	1	7.764	1000	1107.73	10.77
Aroclor-1260	2	8.220	1000	1084.17	8.42
Aroclor-1260	3	9.083	1000	1089.79	8.98
Aroclor-1260	4	9.333	1000	1098.65	9.87
Aroclor-1260	5	9.457	1000	1116.84	11.68
Aroclor-1260	6	9.914	1000	1104.40	10.44
Aroclor-1260	7	10.631	1000	1119.40	11.94
Aroclor-1260	8	11.094	1000	1154.26	15.43<-

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.283	100	101.46	1.46
Decachlorobiphenyl(sur	11.522	100	99.17	0.83

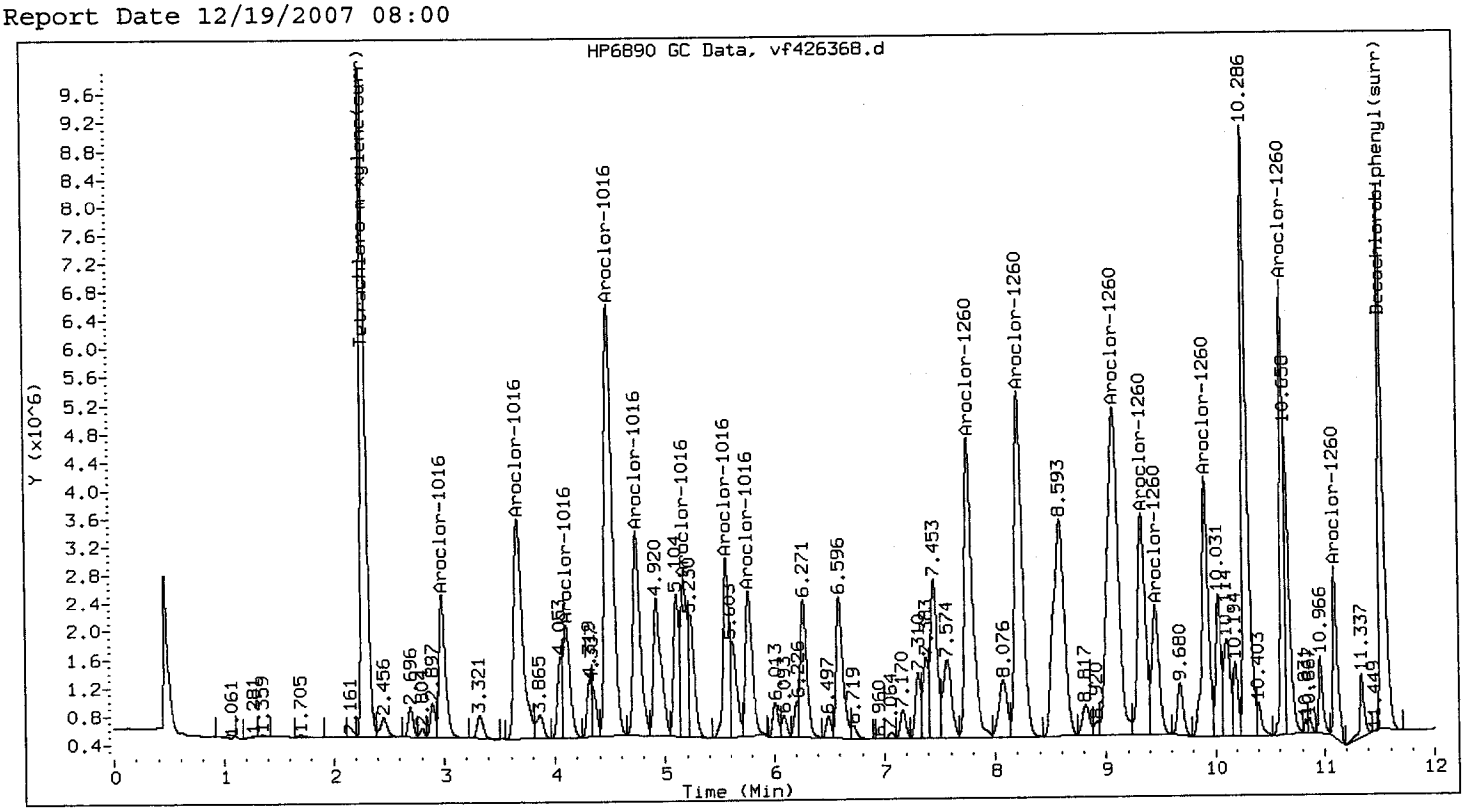
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07h.b/vf426368.d
Injection Date: 19-DEC-2007 00:31

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.984	
	3.667	(3.597 - 3.737)	3.666	
	4.107	(4.037 - 4.177)	4.106	
	4.498	(4.428 - 4.568)	4.498	
	4.742	(4.672 - 4.812)	4.741	
	5.175	(5.105 - 5.245)	5.173	
	5.562	(5.492 - 5.632)	5.560	
	5.770	(5.700 - 5.840)	5.769	
Aroclor-1260	7.768	(7.698 - 7.838)	7.764	
	8.223	(8.153 - 8.293)	8.220	
	9.088	(9.018 - 9.158)	9.083	
	9.338	(9.268 - 9.408)	9.333	
	9.463	(9.393 - 9.533)	9.457	
	9.919	(9.849 - 9.989)	9.914	
	10.633	(10.563 - 10.703)	10.631	
	11.098	(11.028 - 11.168)	11.094	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.283	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.522	



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07h.b/06Vf8082.m
Sample Info : SG1660L3_00003H
Lab ID : SG1660L3_00003H
Inj Date : 19-DEC-2007 00:31
Operator : 615 12-18-07
Cpnd Sublist: AR1660S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.984	2.984	0.000	7824696	1042.475	1042.475
(2)		3.666	3.666	0.000	17302909	1049.619	1049.619
(3)		4.106	4.106	0.000	7097287	1102.909	1102.909
(4)		4.498	4.498	0.000	30570353	1052.968	1052.968
(5)		4.741	4.741	0.000	12935673	1046.691	1046.691
(6)		5.173	5.173	0.000	8579297	1056.238	1056.238
(7)		5.560	5.560	0.000	9852949	1041.386	1041.386
(8)		5.769	5.769	0.000	9154706	1047.949	1047.949
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.764	7.764	0.000	21208479	1107.728	1107.728
(2)		8.220	8.220	0.000	23958281	1084.168	1084.168
(3)		9.083	9.083	0.000	32681344	1089.787	1089.787
(4)		9.333	9.333	0.000	15435648	1098.654	1098.654
(5)		9.457	9.457	0.000	8308383	1116.835	1116.835
(6)		9.914	9.914	0.000	15124935	1104.403	1104.403

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.631	10.631	0.000	16430126	1119.399	1119.399
(8)	11.094	11.094	0.000	6687376	1154.263	1154.263
Average of peak concentrations:						1100.00
Tetrachloro-m-xylene(surr)	2.283	2.283	0.000	32497192	101.459	101.459
Decachlorobiphenyl(surr)	11.522	11.522	0.000	22923182	99.175	99.175

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07j.b/vr426401.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07j.b/06Vr8082.m

Sample Information: SG1660L3_00003J
Injection Date: 19-DEC-2007 09:49

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.189	1000	945.15	5.49
Aroclor-1016	2	2.636	1000	951.38	4.86
Aroclor-1016	3	2.889	1000	1004.43	0.44
Aroclor-1016	4	3.252	1000	924.09	7.59
Aroclor-1016	5	3.473	1000	978.68	2.13
Aroclor-1016	6	3.578	1000	1012.70	1.27
Aroclor-1016	7	4.191	1000	936.22	6.38
Aroclor-1016	8	4.335	1000	1014.99	1.50
Aroclor-1260	1	6.217	1000	1004.89	0.49
Aroclor-1260	2	6.668	1000	991.32	0.87
Aroclor-1260	3	7.118	1000	1015.46	1.55
Aroclor-1260	4	7.323	1000	1008.57	0.86
Aroclor-1260	5	7.777	1000	1006.30	0.63
Aroclor-1260	6	9.120	1000	1013.80	1.38
Aroclor-1260	7	9.340	1000	1076.61	7.66
Aroclor-1260	8	10.276	1000	1049.27	4.93

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.753	100	94.87	5.13
Decachlorobiphenyl(sur	10.709	100	97.77	2.23

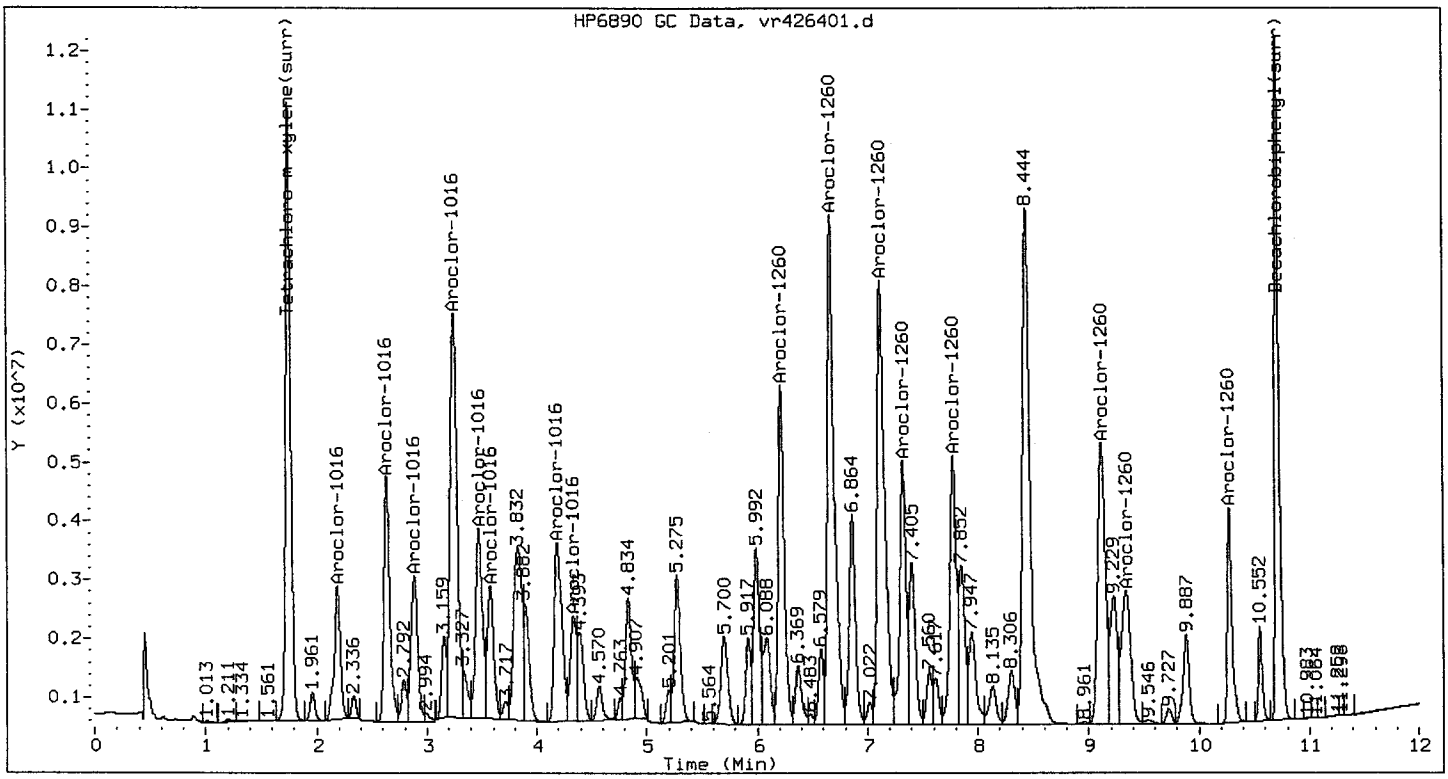
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07j.b/vr426401.d
Injection Date: 19-DEC-2007 09:49

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.189	
	2.634	(2.564 - 2.704)	2.636	
	2.888	(2.818 - 2.958)	2.889	
	3.250	(3.180 - 3.320)	3.252	
	3.471	(3.401 - 3.541)	3.473	
	3.576	(3.506 - 3.646)	3.578	
	4.191	(4.121 - 4.261)	4.191	
	4.336	(4.266 - 4.406)	4.335	
Aroclor-1260	6.221	(6.151 - 6.291)	6.217	
	6.672	(6.602 - 6.742)	6.668	
	7.123	(7.053 - 7.193)	7.118	
	7.328	(7.258 - 7.398)	7.323	
	7.784	(7.714 - 7.854)	7.777	
	9.131	(9.061 - 9.201)	9.120	
	9.348	(9.278 - 9.418)	9.340	
	10.281	(10.211 - 10.351)	10.276	
Tetrachloro-m-xylene(surr)	1.750	(1.700 - 1.800)	1.753	
Decachlorobiphenyl(surr)	10.713	(10.613 - 10.813)	10.709	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07j.b/06Vr8082.m
Sample Info : SG1660L3_00003J
Lab ID : SG1660L3_00003J
Inj Date : 19-DEC-2007 09:49
Operator : 615
Cpnd Sublist: AR16600S

D. Shaw 12-19-07

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.189	2.189	0.000	8802855	945.148	945.148
(2)		2.636	2.636	0.000	15654617	951.383	951.383
(3)		2.889	2.889	0.000	10544215	1004.432	1004.432
(4)		3.252	3.252	0.000	31671974	924.090	924.090
(5)		3.473	3.473	0.000	14427440	978.683	978.683
(6)		3.578	3.578	0.000	9042789	1012.702	1012.702
(7)		4.191	4.191	0.000	14890976	936.221	936.221
(8)		4.335	4.335	0.000	7268252	1014.994	1014.994
Average of peak concentrations:							970.00
Aroclor-1260		6.217	6.217	0.000	21436542	1004.889	1004.889
(2)		6.668	6.668	0.000	37650044	991.319	991.319
(3)		7.118	7.118	0.000	36002119	1015.461	1015.461
(4)		7.323	7.323	0.000	17886955	1008.572	1008.572
(5)		7.777	7.777	0.000	18789677	1006.302	1006.302
(6)		9.120	9.120	0.000	23278773	1013.804	1013.804

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.340	9.340	0.000	12732232	1076.612	1076.612
(8)	10.276	10.276	0.000	10887093	1049.265	1049.265
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	1.753	1.753	0.000	32583172	94.872	94.872
Decachlorobiphenyl(surr)	10.709	10.709	0.000	31970881	97.771	97.771

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07j.b/vf426401.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07j.b/06Vf8082.m

Sample Information: SG1660L3_00003J
Injection Date: 19-DEC-2007 09:49

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.982	1000	991.99	0.80
Aroclor-1016	2	3.664	1000	1007.68	0.77
Aroclor-1016	3	4.103	1000	1126.62	12.66
Aroclor-1016	4	4.495	1000	1027.64	2.76
Aroclor-1016	5	4.738	1000	1051.19	5.12
Aroclor-1016	6	5.169	1000	1040.34	4.03
Aroclor-1016	7	5.556	1000	962.44	3.76
Aroclor-1016	8	5.765	1000	1035.42	3.54
Aroclor-1260	1	7.758	1000	1046.28	4.63
Aroclor-1260	2	8.213	1000	1042.96	4.30
Aroclor-1260	3	9.072	1000	1057.35	5.74
Aroclor-1260	4	9.324	1000	1060.89	6.09
Aroclor-1260	5	9.449	1000	1079.66	7.97
Aroclor-1260	6	9.908	1000	1097.81	9.78
Aroclor-1260	7	10.627	1000	1087.95	8.80
Aroclor-1260	8	11.093	1000	1080.22	8.02

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.282	100	97.85	2.15
Decachlorobiphenyl(sur	11.523	100	100.35	0.35

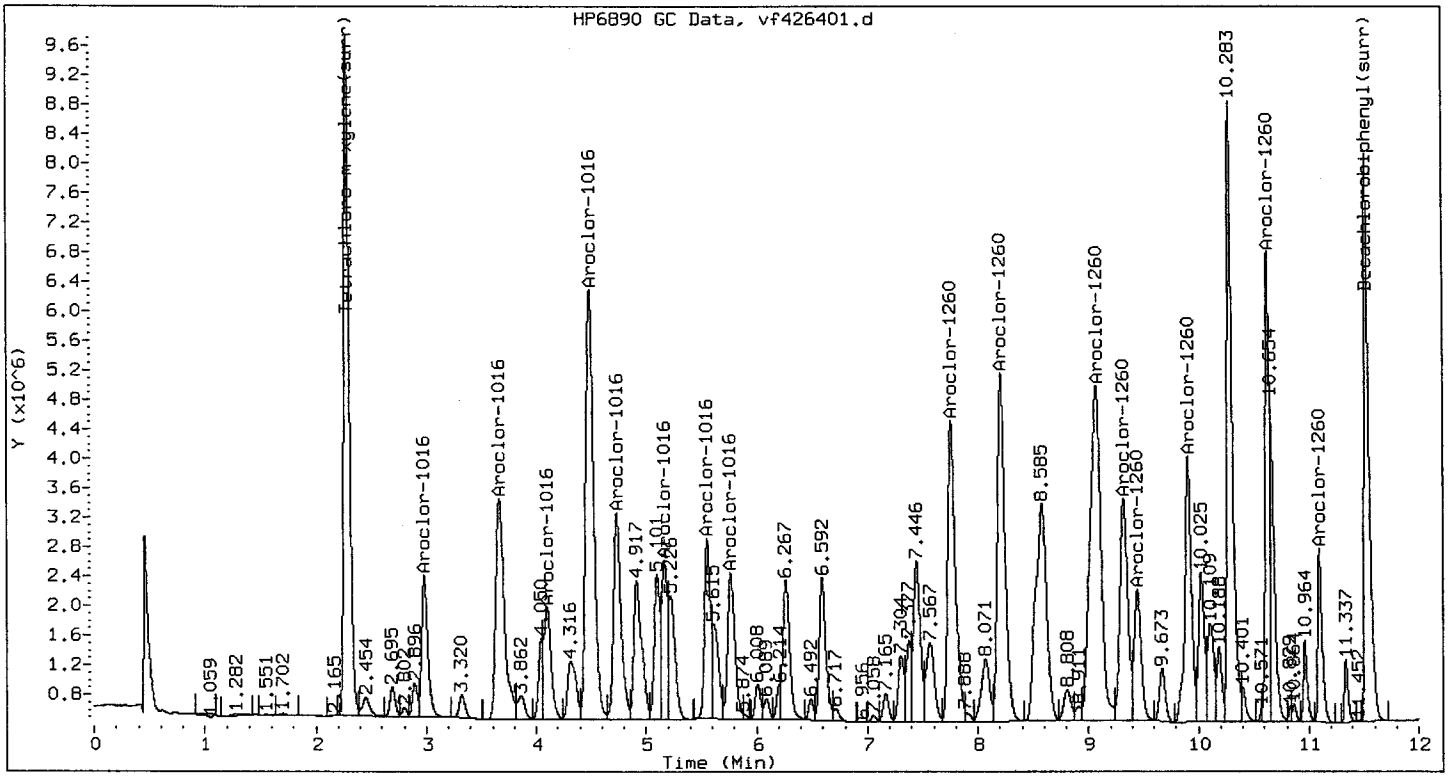
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07j.b/vf426401.d
Injection Date: 19-DEC-2007 09:49

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.982	
	3.667	(3.597 - 3.737)	3.664	
	4.107	(4.037 - 4.177)	4.103	
	4.498	(4.428 - 4.568)	4.495	
	4.742	(4.672 - 4.812)	4.738	
	5.175	(5.105 - 5.245)	5.169	
	5.562	(5.492 - 5.632)	5.556	
	5.770	(5.700 - 5.840)	5.765	
Aroclor-1260	7.768	(7.698 - 7.838)	7.758	
	8.223	(8.153 - 8.293)	8.213	
	9.088	(9.018 - 9.158)	9.072	
	9.338	(9.268 - 9.408)	9.324	
	9.463	(9.393 - 9.533)	9.449	
	9.919	(9.849 - 9.989)	9.908	
	10.633	(10.563 - 10.703)	10.627	
	11.098	(11.028 - 11.168)	11.093	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.282	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.523	



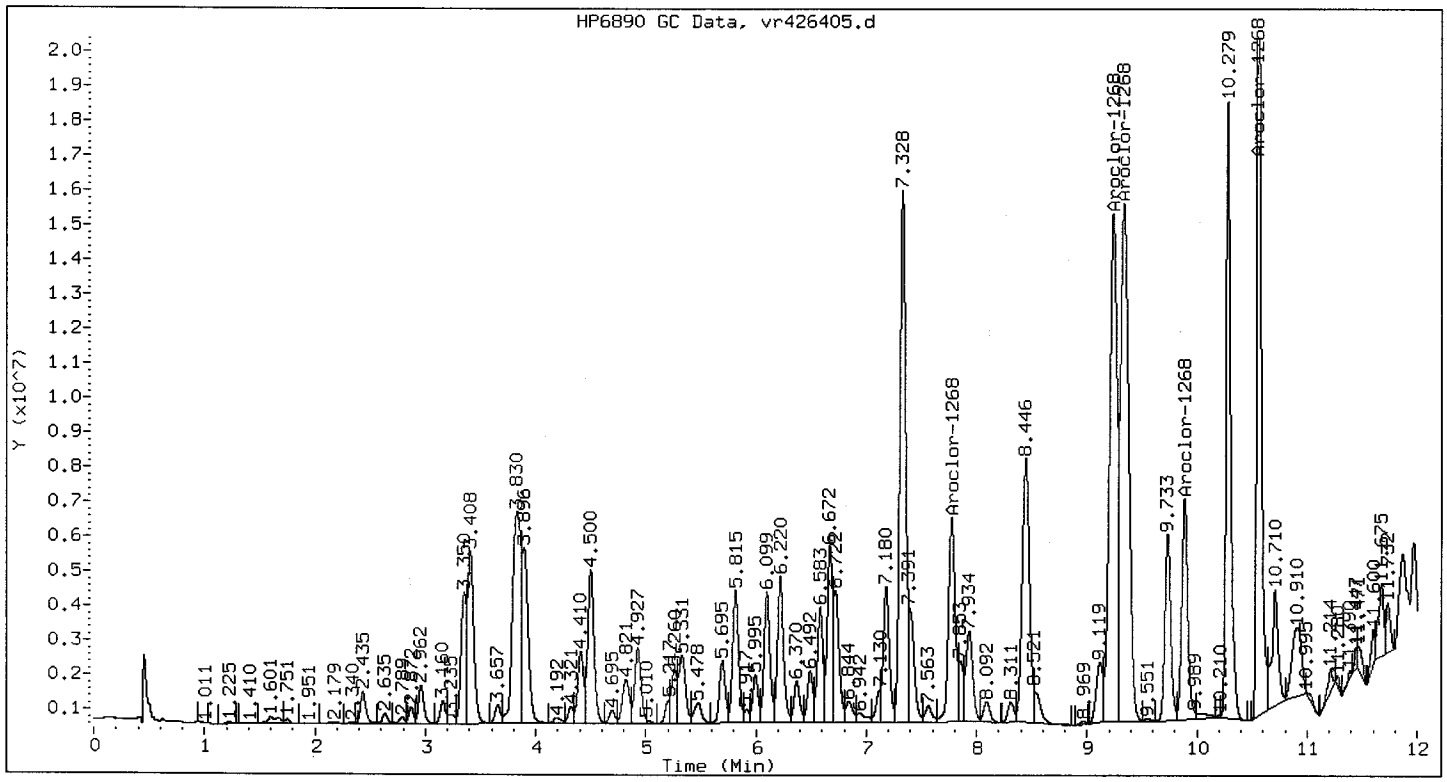
Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07j.b/06Vf8082.m
Sample Info : SG1660L3_00003J
Lab ID : SG1660L3_00003J
Inj Date : 19-DEC-2007 09:49
Operator : 615 12-19-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.982	2.982	0.000	7445745	991.988	991.988
(2)		3.664	3.664	0.000	16611509	1007.677	1007.677
(3)		4.103	4.103	0.000	7249899	1126.625	1126.625
(4)		4.495	4.495	0.000	29835038	1027.640	1027.640
(5)		4.738	4.738	0.000	12991271	1051.189	1051.189
(6)		5.169	5.169	0.000	8450208	1040.345	1040.345
(7)		5.556	5.556	0.000	9105999	962.439	962.439
(8)		5.765	5.765	0.000	9045230	1035.418	1035.418
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.758	7.758	0.000	20032019	1046.281	1046.281
(2)		8.213	8.213	0.000	23047608	1042.958	1042.958
(3)		9.072	9.072	0.000	31708744	1057.355	1057.355
(4)		9.324	9.324	0.000	14905038	1060.887	1060.887
(5)		9.449	9.449	0.000	8031794	1079.655	1079.655
(6)		9.908	9.908	0.000	15034645	1097.810	1097.810

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.627	10.627	0.000	15968571	1087.952	1087.952
(8)	11.093	11.093	0.000	6258379	1080.216	1080.216
Average of peak concentrations:						1100.00
Tetrachloro-m-xylene(surr)	2.282	2.282	0.000	31341836	97.852	97.852
Decachlorobiphenyl(surr)	11.523	11.523	0.000	23194328	100.348	100.348

COMMENTS:
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07j.b/06Vr8082.m
Sample Info : 884948;4045027
Lab ID : 884948
Inj Date : 19-DEC-2007 13:11
Operator : 615
Cpnd Sublist: PCB8082+

12-20-07

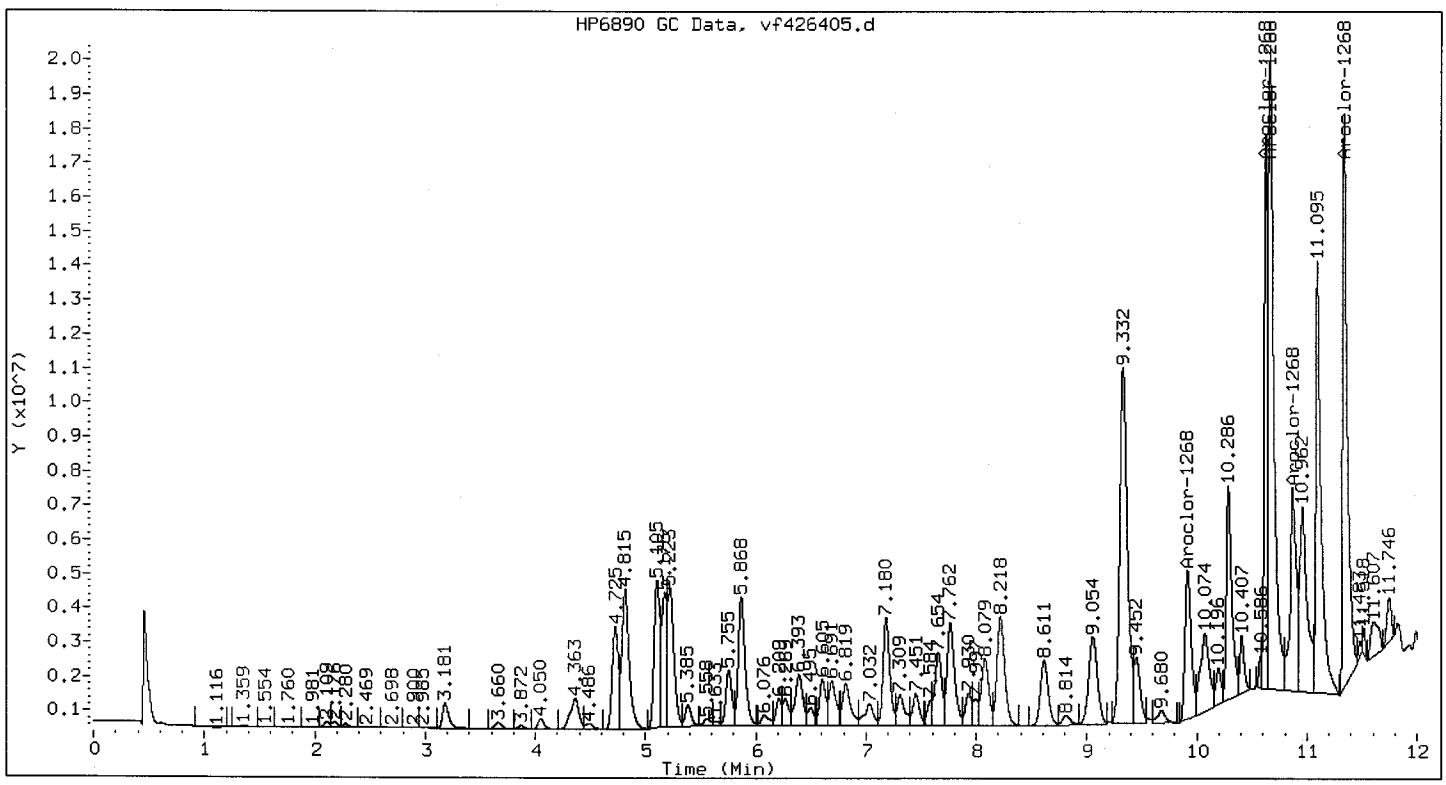
Inst ID : PESTGC9.i
Dil Factor : 100
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1268	(M)	------	7.329	------	------	------	------	(*)
(2)		7.775	7.774	0.000	25690826	1350.200	182213.193	
(3)		9.238	9.240	0.002	68813437	1124.095	151699.787	
(4)		9.337	9.334	0.003	81498605	1158.853	156390.472	
(5)		------	9.735	------	------	------	------	(*)
(6)		9.887	9.883	0.004	24260501	1469.136	198264.028	
(7)		------	10.280	------	------	------	------	(*)
(8)		10.554	10.555	0.001	70908260	724.643	97792.613	

Average of peak concentrations: 160000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07j.b/06Vf8082.m
Sample Info : 884948;4045027
Lab ID : 884948
Inj Date : 19-DEC-2007 13:11
Operator : 615 12-20-07
Cpnd Sublist: PCB8082+

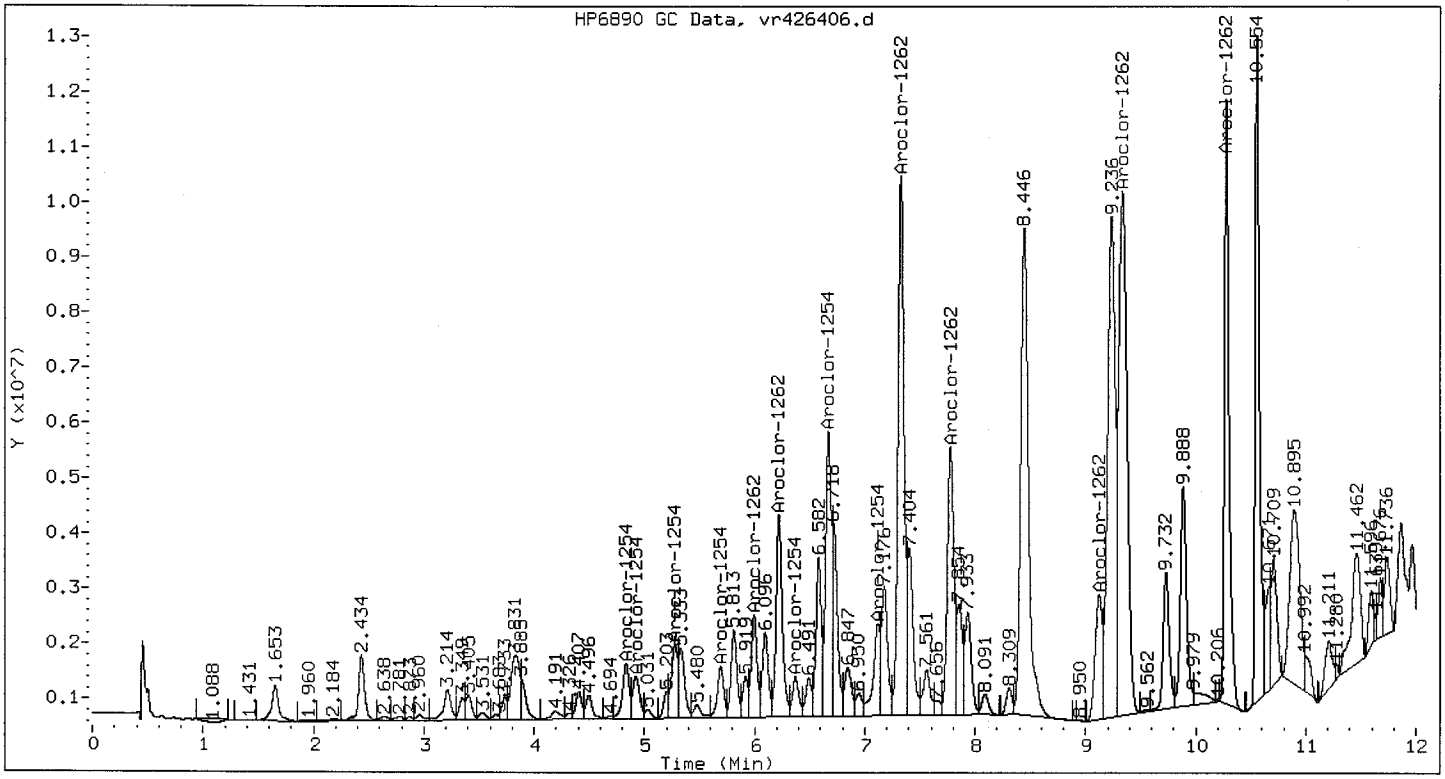
Inst ID : PESTGC9.i
Dil Factor : 100
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)	
Aroclor-1268	------	9.339	------	------	------	------	(*)
(2)	9.918	9.923	0.005	16956814	1244.539	167954.006	
(3)	10.625	10.628	0.002	30654104	1291.435	174282.761	
(4)	10.665	10.664	0.001	69526369	1285.930	173539.803	
(5)	10.870	10.872	0.002	23260609	876.192	118244.588	
(6)	------	10.949	------	------	------	------	(*)
(7)	------	11.097	------	------	------	------	(*)
(8)	11.337	11.340	0.003	48130747	665.840	89856.931	

Average of peak concentrations: 140000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07j.b/06Vr8082.m
Sample Info : 884947;4045025
Lab ID : 884947
Inj Date : 19-DEC-2007 13:26
Operator : 615
Cpnd Sublist: PCB8082+
Inst ID : PESTGC9.i
Dil Factor : 250
Sample Matrix : SOIL
Sample Type: SAMPLE

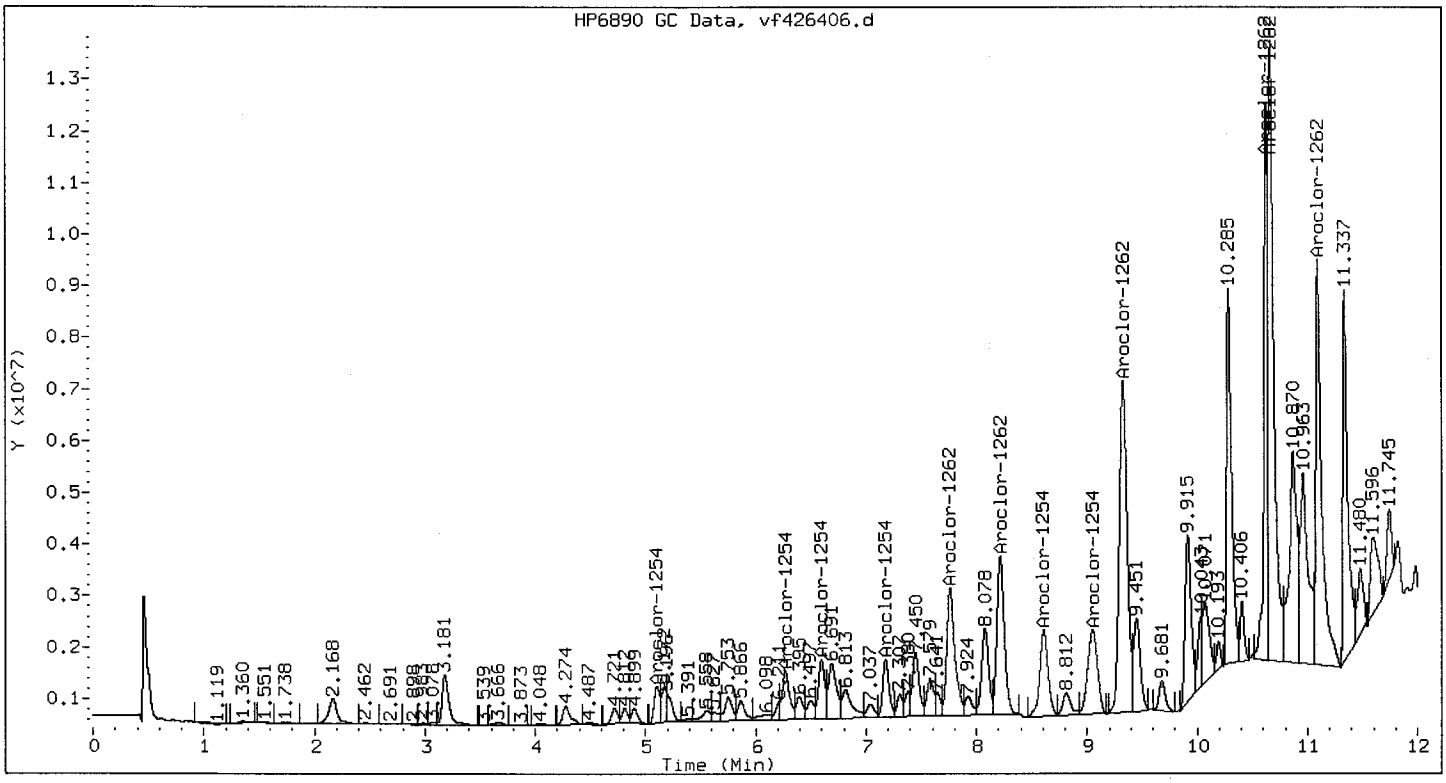
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254	4.835	4.839	0.004	4180488	260.006	64485.539	
(2)	4.923	4.914	0.009	3354680	253.453	62860.320	
(3)	5.276	5.279	0.002	5041000	223.375	55400.502	
(4)	5.694	5.722	0.028	3752598	222.259	55123.842	
(5)	------	5.922	------	------	------	------	(*)
(6)	6.371	6.373	0.002	2958644	124.535	30886.747	
(7)	6.671	6.672	0.002	18570175	820.989	203618.239	
(8)	7.118	7.125	0.007	6601526	218.102	54092.871	
Average of peak concentrations:						75000.00	
Aroclor-1262	5.995	5.995	0.001	6866232	539.502	133805.030	
(2)	6.220	6.220	0.001	14426555	800.528	198543.581	
(3)	7.118	7.122	0.004	6601526	431.706	107070.001	
(4)	7.326	7.329	0.002	37675531	1334.211	330905.515	
(5)	7.776	7.782	0.006	20383343	778.574	193098.676	
(6)	9.123	9.128	0.005	10064558	509.323	126320.297	

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.337	9.345	0.008	52209156	1988.635	493213.051
(8)	10.278	10.280	0.002	31761904	1635.552	405642.944

Average of peak concentrations: 250000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07j.b/06Vf8082.m
Sample Info : 884947;4045025
Lab ID : 884947
Inj Date : 19-DEC-2007 13:26
Operator : 615
Cpnd Sublist: PCB8082+
Inst ID : PESTGC9.i
Dil Factor : 250
Sample Matrix : SOIL
Sample Type: SAMPLE

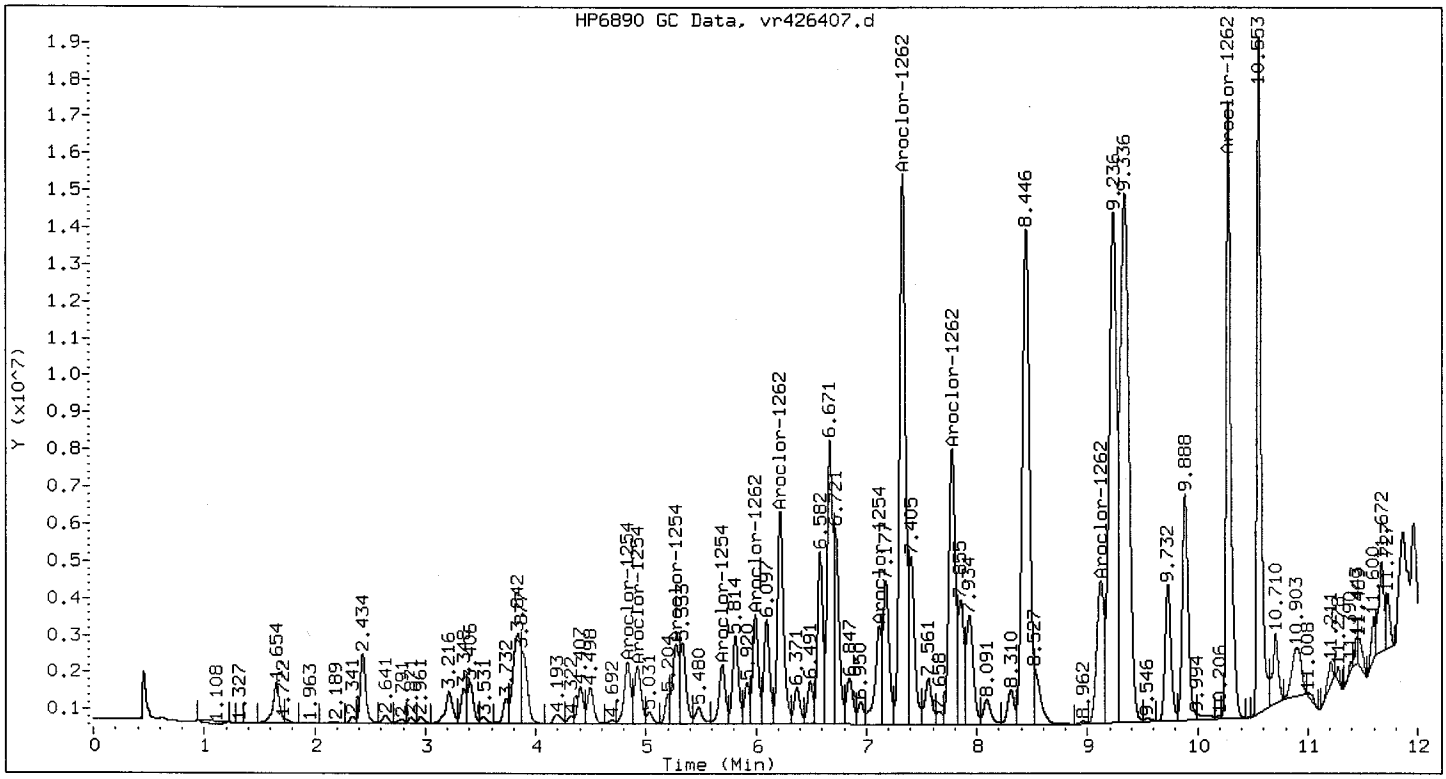
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254	5.104	5.108	0.004	2430425	294.473	73034.033	
(2)	6.271	6.274	0.003	4241724	264.421	65580.548	
(3)	6.596	6.601	0.004	4717192	282.462	70055.031	
(4)	7.178	7.176	0.002	4426056	389.257	96541.990	
(5)	------	7.390	------	------	------	------	(*)
(6)	8.608	8.604	0.004	8899231	458.048	113603.065	
(7)	9.050	9.094	0.044	10233086	419.013	103921.955	
(8)	------	9.861	------	------	------	------	(*)
Average of peak concentrations:						87000.00	
Aroclor-1262	7.761	7.767	0.006	12607456	807.525	200279.008	
(2)	8.216	8.223	0.007	14467552	794.625	197079.588	
(3)	9.329	9.337	0.008	32254862	1316.266	326454.774	
(4)	------	9.919	------	------	------	------	(*)
(5)	10.626	10.630	0.005	23431618	1348.610	334476.620	
(6)	10.663	10.663	0.000	44986489	2120.442	525903.317	

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
(7)	11.095	11.098	0.003	29210224	2509.806	622471.672	
(8)	------	11.340	------	------	------	------	(*)

Average of peak concentrations: 370000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07j.b/06Vr8082.m
Sample Info : 884946;4045023
Lab ID : 884946
Inj Date : 19-DEC-2007 13:41
Operator : 615
Cpnd Sublist: PCB8082+
Inst ID : PESTGC9.i
Dil Factor : 100
Sample Matrix : SOIL
Sample Type: SAMPLE

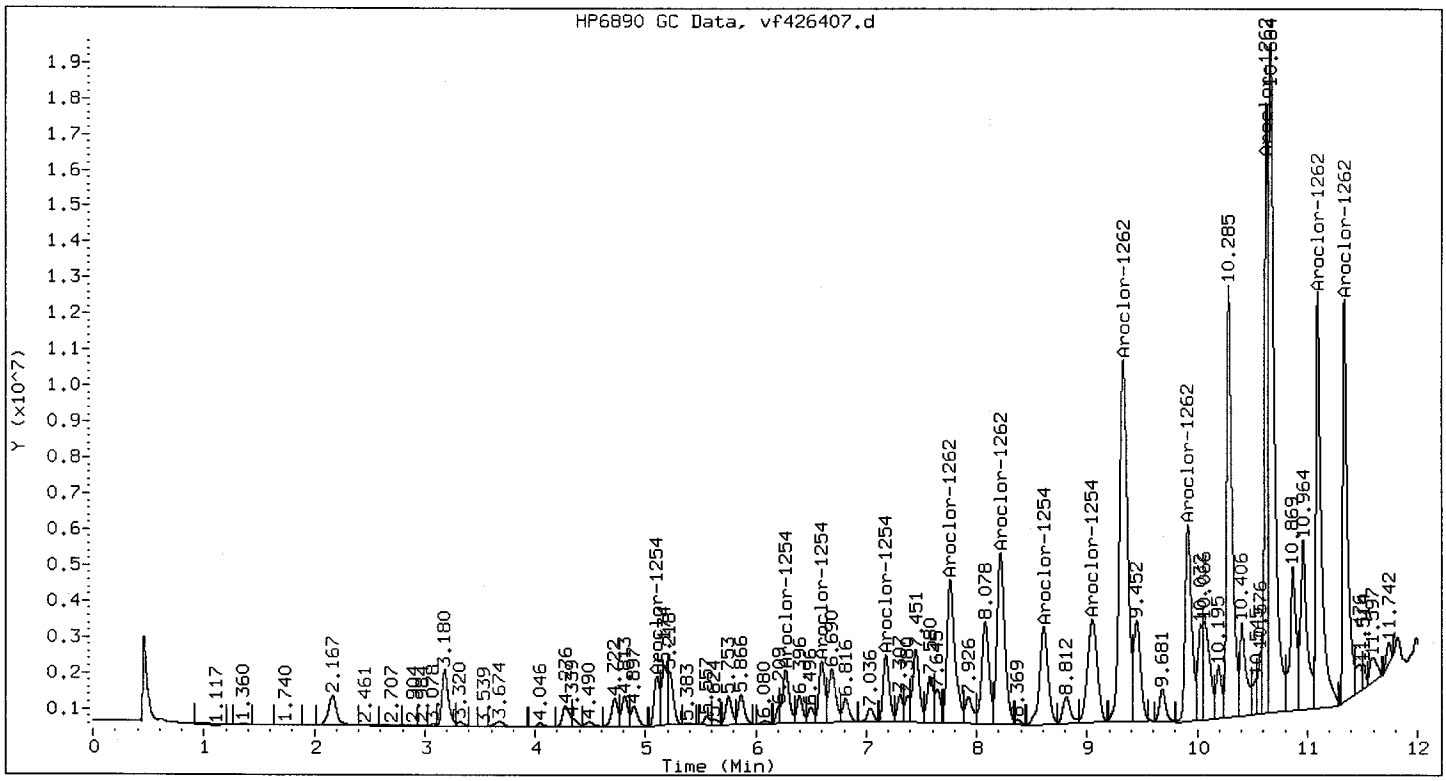
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254	4.835	4.839	0.004	6909168	429.716	44902.406	
(2)	4.925	4.914	0.011	6815308	514.910	53804.609	
(3)	5.276	5.279	0.002	8544911	378.639	39565.172	
(4)	5.695	5.722	0.027	6593659	390.530	40807.735	
(5)	------	5.922	------	------	------	------	(*)
(6)	------	6.373	------	------	------	------	(*)
(7)	------	6.672	------	------	------	------	(*)
(8)	7.117	7.125	0.007	10293283	340.071	35535.150	
Average of peak concentrations:						43000.00	
Aroclor-1262	5.995	5.995	0.001	10791995	847.962	88606.231	
(2)	6.220	6.220	0.001	22418192	1243.983	129987.731	
(3)	7.117	7.122	0.005	10293283	673.128	70337.337	
(4)	7.326	7.329	0.002	57012521	2018.996	210971.335	
(5)	7.776	7.782	0.006	30826636	1177.472	123037.807	
(6)	9.124	9.128	0.004	17448389	882.987	92266.134	

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)	
(7)	------	9.345	------	------	------	------	(*)
(8)	10.278	10.280	0.002	48784588	2512.121	262499.580	

Average of peak concentrations: 140000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07j.b/06Vf8082.m
Sample Info : 884946;4045023
Lab ID : 884946
Inj Date : 19-DEC-2007 13:41
Operator : 615
Cpnd Sublist: PCB8082+

Inst ID : PESTGC9.i
Dil Factor : 100
Sample Matrix : SOIL
Sample Type: SAMPLE

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)	
Aroclor-1254	(M)	5.104	5.108	0.004	4608315	558.349	58343.681	
(2)		6.271	6.274	0.003	6259704	390.218	40775.104	
(3)		6.597	6.601	0.003	6557509	392.659	41030.170	
(4)		7.179	7.176	0.003	7265871	639.010	66772.191	
(5)		------	7.390	------	------	------	------	(*)
(6)		8.609	8.604	0.005	14665111	754.820	78873.572	
(7)		9.049	9.094	0.045	17614821	721.273	75368.092	
(8)		------	9.861	------	------	------	------	(*)
Average of peak concentrations:							60000.00	
Aroclor-1262	(M)	7.761	7.767	0.006	20110807	1288.125	134600.314	
(2)		8.216	8.223	0.007	23521953	1291.935	134998.381	
(3)		9.329	9.337	0.008	51393368	2097.275	219151.024	
(4)		------	9.919	------	------	------	------	(*)
(5)		10.626	10.630	0.005	34247487	1971.118	205968.489	
(6)		------	10.663	------	------	------	------	(*)

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)	
(7)	------	11.098	------	------	------	------	(*)
(8)	------	11.340	------	------	------	------	(*)

Average of peak concentrations: 170000.00

COMMENTS:

* - Mutlicomponent peak not used in quantitation of compound.
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07k.b/vr426411.d
Method: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07k.b/06Vr8082.m

Sample Information: SG1660L3_00003K
Injection Date: 19-DEC-2007 16:52

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.190	1000	995.39	0.46
Aroclor-1016	2	2.638	1000	976.50	2.35
Aroclor-1016	3	2.892	1000	1017.20	1.72
Aroclor-1016	4	3.253	1000	961.37	3.86
Aroclor-1016	5	3.475	1000	1035.59	3.56
Aroclor-1016	6	3.580	1000	1078.30	7.83
Aroclor-1016	7	4.193	1000	953.86	4.61
Aroclor-1016	8	4.338	1000	1008.88	0.89
Aroclor-1260	1	6.218	1000	1014.34	1.43
Aroclor-1260	2	6.668	1000	1000.64	0.06
Aroclor-1260	3	7.119	1000	1025.85	2.58
Aroclor-1260	4	7.324	1000	995.94	0.41
Aroclor-1260	5	7.778	1000	1015.30	1.53
Aroclor-1260	6	9.121	1000	1028.76	2.88
Aroclor-1260	7	9.340	1000	1065.55	6.56
Aroclor-1260	8	10.277	1000	1032.20	3.22

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	1.755	100	98.47	1.53
Decachlorobiphenyl(sur	10.710	100	92.48	7.52

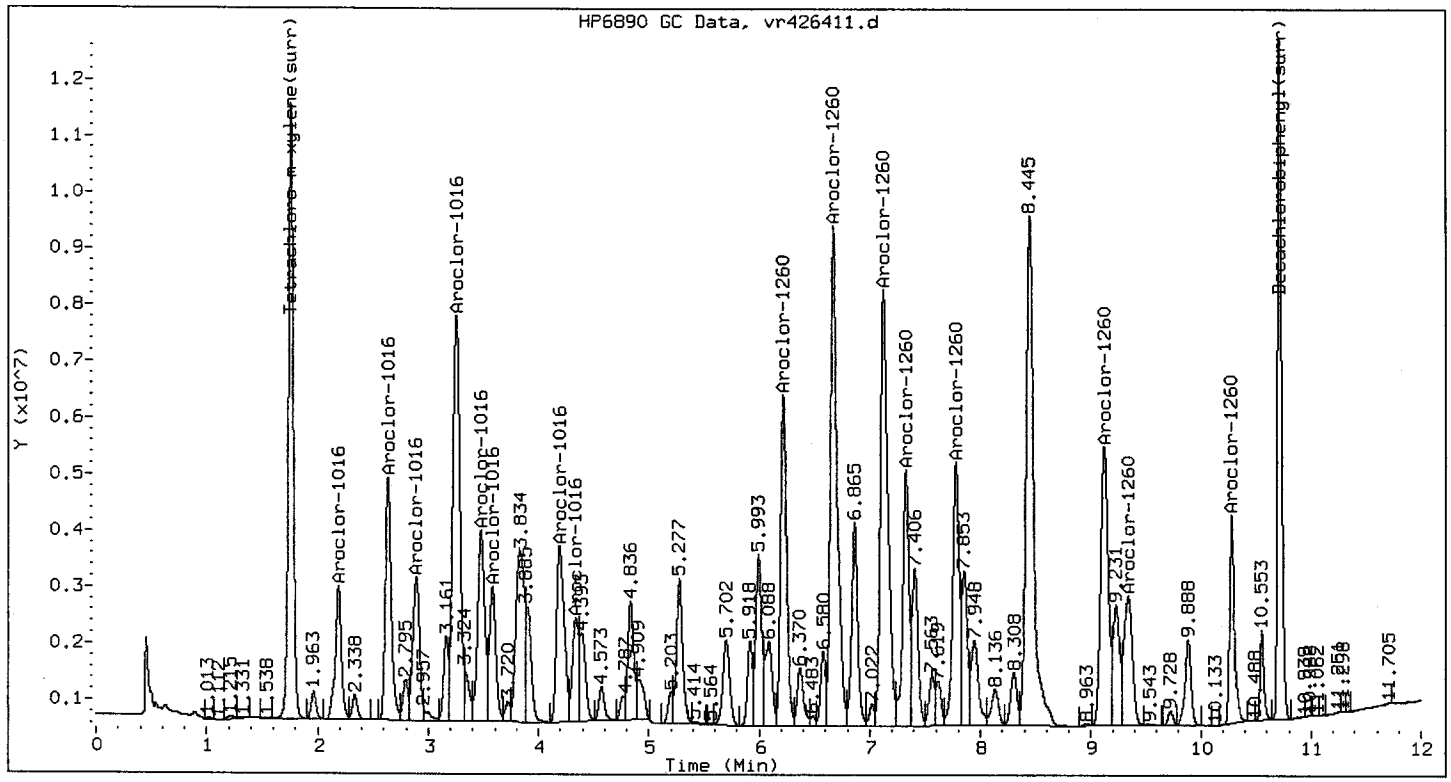
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b/vr426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07k.b/vr426411.d
Injection Date: 19-DEC-2007 16:52

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.186	(2.116 - 2.256)	2.190	
	2.634	(2.564 - 2.704)	2.638	
	2.888	(2.818 - 2.958)	2.892	
	3.250	(3.180 - 3.320)	3.253	
	3.471	(3.401 - 3.541)	3.475	
	3.576	(3.506 - 3.646)	3.580	
	4.191	(4.121 - 4.261)	4.193	
	4.336	(4.266 - 4.406)	4.338	
Aroclor-1260	6.221	(6.151 - 6.291)	6.218	
	6.672	(6.602 - 6.742)	6.668	
	7.123	(7.053 - 7.193)	7.119	
	7.328	(7.258 - 7.398)	7.324	
	7.784	(7.714 - 7.854)	7.778	
	9.131	(9.061 - 9.201)	9.121	
	9.348	(9.278 - 9.418)	9.340	
	10.281	(10.211 - 10.351)	10.277	
Tetrachloro-m-xylene(surr)	1.750	(1.700 - 1.800)	1.755	
Decachlorobiphenyl(surr)	10.713	(10.613 - 10.813)	10.710	



Method : /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07k.b/06Vr8082.m
Sample Info : SG1660L3_00003K
Lab ID : SG1660L3_00003K
Inj Date : 19-DEC-2007 16:52
Operator : 615 12-20-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	2.190	2.190	0.000	9270762	995.386	995.386
(2)		2.638	2.638	0.000	16067832	976.495	976.495
(3)		2.892	2.892	0.000	10678206	1017.196	1017.196
(4)		3.253	3.253	0.000	32949660	961.369	961.369
(5)		3.475	3.475	0.000	15266325	1035.589	1035.589
(6)		3.580	3.580	0.000	9628576	1078.305	1078.305
(7)		4.193	4.193	0.000	15171566	953.862	953.862
(8)		4.338	4.338	0.000	7224439	1008.876	1008.876
Average of peak concentrations:							1000.00
Aroclor-1260		6.218	6.218	0.000	21638207	1014.342	1014.342
(2)		6.668	6.668	0.000	38004116	1000.642	1000.642
(3)		7.119	7.119	0.000	36370426	1025.849	1025.849
(4)		7.324	7.324	0.000	17662860	995.936	995.936
(5)		7.778	7.778	0.000	18957639	1015.298	1015.298
(6)		9.121	9.121	0.000	23622110	1028.757	1028.757

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	9.340	9.340	0.000	12601435	1065.552	1065.552
(8)	10.277	10.277	0.000	10710071	1032.204	1032.204
Average of peak concentrations:						1000.00
Tetrachloro-m-xylene(surr)	1.755	1.755	0.000	33817897	98.467	98.467
Decachlorobiphenyl(surr)	10.710	10.710	0.000	30240717	92.480	92.480

COMMENTS:
M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07k.b/vf426411.d
Method: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07k.b/06Vf8082.m

Sample Information: SG1660L3_00003K
Injection Date: 19-DEC-2007 16:52

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.984	1000	1015.79	1.58
Aroclor-1016	2	3.667	1000	1018.50	1.85
Aroclor-1016	3	4.105	1000	1019.80	1.98
Aroclor-1016	4	4.497	1000	1023.21	2.32
Aroclor-1016	5	4.740	1000	1011.70	1.17
Aroclor-1016	6	5.172	1000	1033.15	3.32
Aroclor-1016	7	5.558	1000	1037.11	3.71
Aroclor-1016	8	5.766	1000	1076.41	7.64
Aroclor-1260	1	7.759	1000	1074.05	7.41
Aroclor-1260	2	8.214	1000	1053.43	5.34
Aroclor-1260	3	9.075	1000	1063.40	6.34
Aroclor-1260	4	9.327	1000	1079.57	7.96
Aroclor-1260	5	9.451	1000	1120.53	12.05
Aroclor-1260	6	9.910	1000	1084.33	8.43
Aroclor-1260	7	10.628	1000	1026.49	2.65
Aroclor-1260	8	11.094	1000	1101.23	10.12

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s	2.283	100	99.59	0.41
Decachlorobiphenyl(sur	11.523	100	101.20	1.20

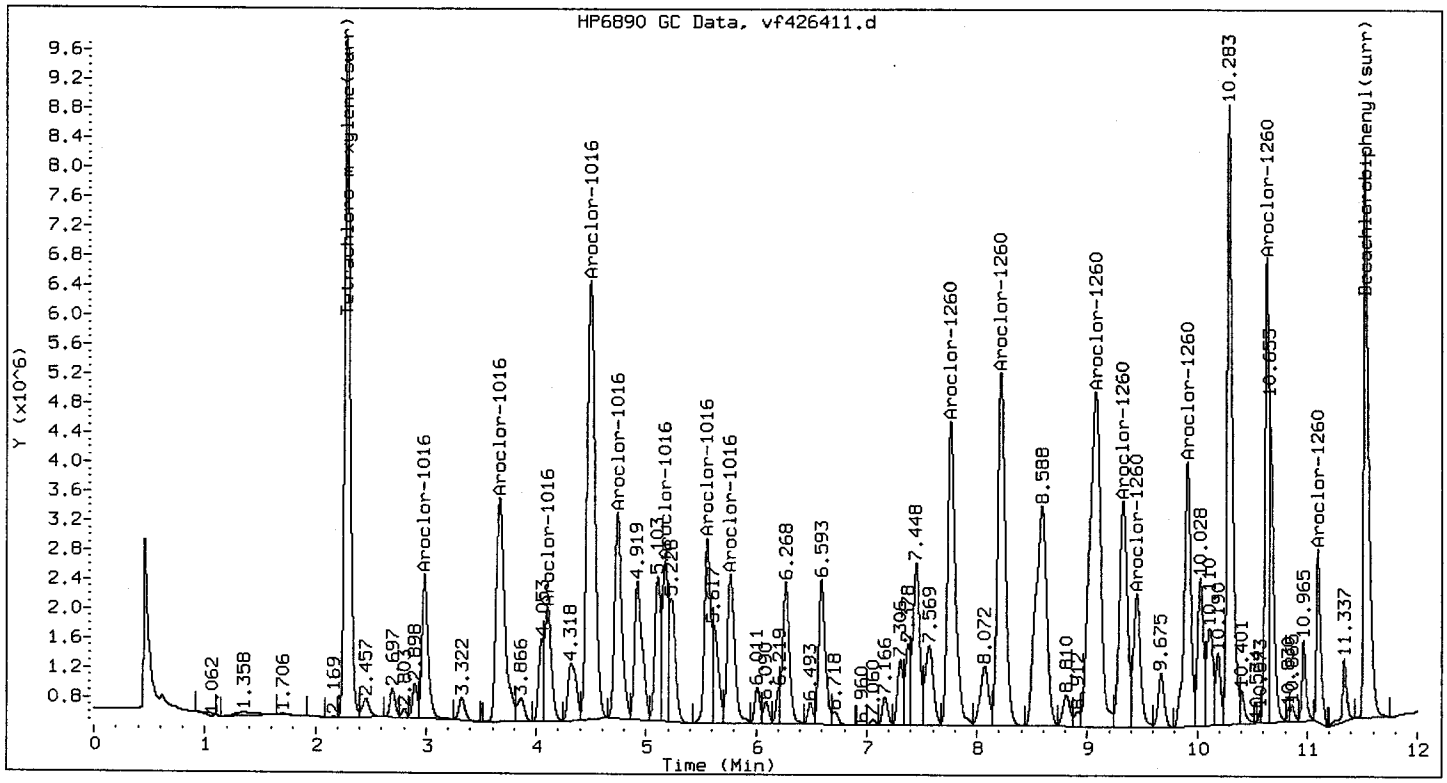
GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC9.i

Midpoint Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-14-07aical/14dec07aical.b/vf426177.d
Injection Date: 14-DEC-2007 10:15

Continuing Calibration File: /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07k.b/vf426411.d
Injection Date: 19-DEC-2007 16:52

Compound	Init Cal RT	RT Range	Cont Cal RT	Flags
Aroclor-1016	2.983	(2.913 - 3.053)	2.984	
	3.667	(3.597 - 3.737)	3.667	
	4.107	(4.037 - 4.177)	4.105	
	4.498	(4.428 - 4.568)	4.497	
	4.742	(4.672 - 4.812)	4.740	
	5.175	(5.105 - 5.245)	5.172	
	5.562	(5.492 - 5.632)	5.558	
	5.770	(5.700 - 5.840)	5.766	
Aroclor-1260	7.768	(7.698 - 7.838)	7.759	
	8.223	(8.153 - 8.293)	8.214	
	9.088	(9.018 - 9.158)	9.075	
	9.338	(9.268 - 9.408)	9.327	
	9.463	(9.393 - 9.533)	9.451	
	9.919	(9.849 - 9.989)	9.910	
	10.633	(10.563 - 10.703)	10.628	
	11.098	(11.028 - 11.168)	11.094	
Tetrachloro-m-xylene(surr)	2.281	(2.231 - 2.331)	2.283	
Decachlorobiphenyl(surr)	11.524	(11.424 - 11.624)	11.523	



Method : /chem1/PESTGC9.i/8082/front/Dec07/12-17-07/17dec07k.b/06Vf8082.m
Sample Info : SG1660L3_00003K
Lab ID : SG1660L3_00003K
Inj Date : 19-DEC-2007 16:52
Operator : 615 12-20-07
Cpnd Sublist: AR16600S

Inst ID : PESTGC9.i
Dil Factor : 1
Sample Matrix : SOIL
Sample Type: CCALIB_3

Compounds		RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
Aroclor-1016	(M)	2.984	2.984	0.000	7624432	1015.794	1015.794
(2)		3.667	3.667	0.000	16789953	1018.502	1018.502
(3)		4.105	4.105	0.000	6562451	1019.796	1019.796
(4)		4.497	4.497	0.000	29706318	1023.207	1023.207
(5)		4.740	4.740	0.000	12503219	1011.699	1011.699
(6)		5.172	5.172	0.000	8391772	1033.150	1033.150
(7)		5.558	5.558	0.000	9812463	1037.107	1037.107
(8)		5.766	5.766	0.000	9403308	1076.407	1076.407
Average of peak concentrations:							1000.00
Aroclor-1260	(M)	7.759	7.759	0.000	20563746	1074.054	1074.054
(2)		8.214	8.214	0.000	23279009	1053.430	1053.430
(3)		9.075	9.075	0.000	31889991	1063.399	1063.399
(4)		9.327	9.327	0.000	15167543	1079.571	1079.571
(5)		9.451	9.451	0.000	8335900	1120.534	1120.534
(6)		9.910	9.910	0.000	14850037	1084.330	1084.330

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/kg)
(7)	10.628	10.628	0.000	15066380	1026.485	1026.485
(8)	11.094	11.094	0.000	6380136	1101.232	1101.232
Average of peak concentrations:						1100.00
Tetrachloro-m-xylene(surr)	2.283	2.283	0.000	31897456	99.586	99.586
Decachlorobiphenyl(surr)	11.523	11.523	0.000	23391289	101.200	101.200

COMMENTS:
M - Compound response manually integrated.

Injection Log Book

SP002W

PEST Extractions

STL Edison

Matrix: SOLID
Job #: 0729
Client:
Refrigerator:
TBA Inititals: J-H
TBA Date: 1-2-08

Analytical Method: 8082
Prep Method: 3570
QA Batch: 0429
Exit Initials: J-H
~~F/B~~ Initials: J-H
Acid Initials: J-H

Extraction Log Book:
Surr Lot#/Amount: SP1542/50ul
Spike Lot#/Amount: SP1541/50ul
Clean-up Log Book:
Florisil Date:
Florisil Initials:

Sample ID	Extract Date	Sample Amount	Final Volume	Spike Initial	Spike Witness	Florisil Sample Amount	Florisil Final Volume	Comments	Soxtherm Position	pH Herb
884972	1-2-08	15 g	10 mL	J-H				PCB SOIL		
884972 ms	1-2-08	15 g	10 mL	J-H				PCB SOIL		
884972 msd		15 g								
BS6429		30 g								
SP002W1		30 g								

Extracted By: Jaime Huertas
1/2/8

Relinquished By/Date: 1-2-08

Received By/Date:

SP348D

SVOA GC Extractions

TestAmerica Edison

Matrix: SOLID | Analytical Method: 8082 | Surr Lot#/Amt: SP1533 5ml
Job #: O729 | Prep Method: 3550B/3541 | QC Spike Lot#/Amt: SP1534 5ml
Client: Haley & Aldrich | F/B Initials: KA | Acid Initials: KA
Method Blank: SP348D | TBA Initials: KA | Florisil Initials:
QA Batch: 6365 | TBA Date: 11-6-07 | Florisil Date:

Sample ID	Extract Date	Sample Amount	Final Volume	Spike Initial	Spike Witness	Florisil Sample Amount	Florisil Final Volume	Comments	Soxtherm Position	pH Herb
884941	12-14-07	1000	10ml	KA				PCBs method 3541 extraction	29	
884943		1003						PCBs method 3541 extraction	30	
884944		1001						PCBs method 3541 extraction	13	
884945		1000						PCBs method 3541 extraction	14	
884946		1001						PCBs MS/MSD method 3541 extraction	15	
884947		1000						PCBs method 3541 extraction	16	
884952		1001						PCBs method 3541 extraction	17	
884953		1003						PCBs method 3541 extraction	18	
884954		1004						PCBs method 3541 extraction	37	
884955		1001						PCBs method 3541 extraction	38	
884956		1001						PCBs method 3541 extraction	39	
884957		1000						PCBs ~~MS/MSD~~ KA 12/14/07 method 3541 extraction	40	
~~884958~~								PCBs method 3541 extraction		
884959								PCBs method 3541 extraction		
884960								PCBs method 3541 extraction		
884961								PCBs method 3541 extraction		
884962								PCBs method 3541 extraction		
884963								PCBs method 3541 extraction		
884964								PCBs method 3541 extraction		
~~884966~~								PCBs method 3541 extraction		
884946 MS	12-14-07	1000	10ml	KA				PCB	79	
884946 MSD		1003							80	
BS6365		2000							75	
SP348D		2998							73	

Extracted By: | Relinquished By/Date: 12-14-07

Reviewed By: RJ 12-14-07 | Received By/Date:

SP349

SVOA GC Extractions

TestAmerica Edison

Matrix: SOLID
Job #: O729
Client: Haley & Aldrich
Method Blank: SP349
QA Batch: 6368

Analytical Method: 8082
Prep Method: 3550B/3541
F/B Initials: J·H
TBA Initials: J·H
TBA Date: 12-15-07

Surr Lot#/Amt: SP1537 / 5ml
QC Spike Lot#/Amt: SP1534 / 5ml
Acid Initials: J·H
Florisil Initials:
Florisil Date:

Sample ID	Extract Date	Sample Amount	Final Volume	Spike Initial	Spike Witness	Florisil Sample Amount	Florisil Final Volume	Comments	Soxtherm Position	pH Herb
884948 •	12-15-07	15 g	10 mL	J·H	KH			PCBs extract Hold		
884949								PCBs extract hold		
884950								PCBs extract hold		
884951								PCBs extract hold		
884958								PCBs method 3541 extraction		
884959								PCBs method 3541 extraction		
884960								PCBs method 3541 extraction		
884961								PCBs method 3541 extraction		
884962								PCBs method 3541 extraction		
884963								PCBs method 3541 extraction		
884964								PCBs MS/MSD method 3541 extraction		
~~884966~~								PCBs extract hold		
~~884967~~								PCBs extract hold		
~~884968~~								PCBs extract hold		
~~884969~~								PCBs extract hold		
~~884970~~				KH 12/15/07				PCBs method 3541 extraction		
~~884971~~								PCBs method 3541 extraction		
~~884972~~								PCBs method 3541 extraction		
~~884973~~								PCBs method 3541 extraction		
~~884974~~								PCBs method 3541 extraction		
884964MS	12-15-07	15 g	10 mL	J·H	KH			PCB		
884964MSD		15 g								
BS6368		30 g								
SP349		30 g								

Extracted By: Jaime Huertas
Relinquished By/Date: J.H 12-15-07
Reviewed By: KH 12/15/7
Received By/Date:

SP351X

SVOA GC Extractions

TestAmerica Edison

Matrix: SOLID
Job #: O729
Client: Haley & Aldrich
Method Blank: SP351X
QA Batch: 6375

Analytical Method: 8082
Prep Method: 3550B/3541
F/B Initials: KA
TBA Initials: KA
TBA Date: 11-6-07

Surr Lot#/Amt: SP1537 5DM
QC Spike Lot#/Amt: SP1534 10DM
Acid Initials: KA
Florisil Initials:
Florisil Date:

Sample ID	Extract Date	Sample Amount	Final Volume	Spike Initial	Spike Witness	Florisil Sample Amount	Florisil Final Volume	Comments	Soxtherm Position	pH Herb
884966	12-7-07	1500	10M	KA	JQR			PCBs extract hold	18	
884967		1503						PCBs extract hold	37	
884968		1501						PCBs extract hold	38	
884969		1500						PCBs extract hold	39	
884970		1500						PCBs method 3541 extraction	40	
884971		1504						PCBs method 3541 extraction	41	
884972		1500						PCBs method 3541 extraction	42	
884973		1503						PCBs method 3541 extraction	31	
884974		1500						PCBs method 3541 extraction	32	
884975		1500						PCBs method 3541 extraction	33	
884976		1503						PCBs method 3541 extraction	34	
884977		1501						PCBs method 3541 extraction	35	
884978		1500						PCBs extract hold MS MSD	36	
884980		1503						PCBs extract hold	67	
884981		1500						PCBs extract hold	68	
884982		1501						PCBs extract hold	69	
884983		1500						PCBs extract hold	70	
884984		1500						PCBs extract hold	71	
884985		1503						PCBs method 3541 extraction	72	
884986		1500						PCBs method 3541 extraction	1	
884978MS	12-17-07	1500	10M	KA	JQR				15	
MSD		1500							17	
BS6375		3000							24	
SP351X		3901							25	

Extracted By:
Reviewed By: 12-17-07

Relinquished By/Date: 12-17-07
Received By/Date:

SP351Y

SVOA GC Extractions

TestAmerica Edison

Matrix: SOLID
Job #: O729
Client: Haley & Aldrich
Method Blank: SP351Y
QA Batch: 63689

Analytical Method: 8082
Prep Method: 3550B/3541
F/B Initials: AL
TBA Initials: AL
TBA Date: 11-6-07

Surr Lot#/Amt: SP1537 50uL
QC Spike Lot#/Amt: SP1534 50uL
Acid Initials: AL
Florisil Initials:
Florisil Date:

Sample ID	Extract Date	Sample Amount	Final Volume	Spike Initial	Spike Witness	Florisil Sample Amount	Florisil Final Volume	Comments	Soxtherm Position	pH Herb
884987	12-7-07	1100	10mL	AL	JCR			PCBs method 3541 extraction	7	
884988		1100						PCBs method 3541 extraction	3	
884989		1103						PCBs method 3541 extraction	4	
884992		1101						PCBs method 3541 extraction	5	

SP351YBS	12-7-07	30.00	10mL	AL	JCR						
SP351Y		30.01									

Extracted By:
Reviewed By: RJJ 12-17-07

Relinquished By/Date: 12-17-07
Received By/Date:

WP348A

SVOA GC Extractions

TestAmerica Edison

Matrix: WATER | Analytical Method: 8082 | Surr Lot#/Amt: SP1537/50 ul
Job #: O729 | Prep Method: 3510C | QC Spike Lot#/Amt:
Client: Haley & Aldrich | F/B Initials: BE | Acid Initials:
Method Blank: WP348A | TBA Initials: | Florisil Initials:
QA Batch: 60362 | TBA Date: | Florisil Date:

Sample ID	Extract Date	Sample Amount	Final Volume	Spike		Florisil		Comments	Soxtherm Position	pH Herb
				Initial	Witness	Sample Amount	Final Volume			
884942	12-14-07	1000 ml	5 ml	BE				PCB 8082		
884965		1000 ml								
884979		1000 ml								
884990		1000 ml								
884991		700 ml								

Extracted By: [signature] | Relinquished By/Date: 12-14-07
Reviewed By: [signature] 12/14/07 | Received By/Date:

WP348A

PEST Extractions

STL Edison

Matrix: WATER
Job #: 0779
Client: TA-EDISON
Refrigerator: _____
TBA Initials: _____
TBA Date: _____

Analytical Method: 8082
Prep Method: 3510C
QA Batch: 60362
Exit Initials: BR
~~F/B~~ Initials: _____
Acid Initials: _____

Extraction Log Book: _____
Surr Lot#/Amount: SP1537/50ml
Spike Lot#/Amount: SO1534/50ml
Clean-up Log Book: _____
Florisil Date: _____
Florisil Initials: _____

Sample ID	Extract Date	Sample Amount	Final Volume	Spike Initial	Spike Witness	Florisil Sample Amount	Florisil Final Volume	Comments	Soxtherm Position	pH Herb
885321	12-14-07	1000ml	5ml	BR				8082 PCB		
"	"	"	"	"				"		
BS60362	"	"	"	"				"		
WP348A	"	"	"	"				"		

885321-A
0779

885321-A
0779

Extracted By: _____ KH 12/14/07

Relinquished By/Date: 12-14-07

Received By/Date: _____

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

ient ID: PESTGC7.i

ical Batch: /chem1/PESTGC7.i/8082/rear/Dec07/12-09-07aical/09dec07a.b

enerated: 12/13/2007

ate	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
/07 1650	or055010	1	HEX	09de		09dec07a		15	10	1	SAMPLE		EISEI7
/07 1706	or055011	2	SGINSTBLK_00003_A			09dec07a		15	10	1	INSTBLANK		GW
/07 1723	or055012	3	SG1660L3_00003_A					0	0	1	CALIB_3		G - updated
/07 1739	or055013	4	SG1660L1_00003_A					0	0	1	CALIB_1		
/07 1756	or055014	5	SG1660L2_00003_A					0	0	1	CALIB_2		
/07 1812	or055015	6	SG1660L4_00003_A					0	0	1	CALIB_4		
/07 1828	or055016	7	SG1660L5_00003_A					0	0	1	CALIB_5		
/07 1845	or055017	8	SG1221L3_00003_A					0	0	1	CALIB_3		
/07 1900	or055018	9	SG1232L3_00002_A					0	0	1	CALIB_3		
/07 1916	or055019	10	SG1242L3_00002_A					0	0	1	CALIB_3		
/07 1931	or055020	11	SG1248L3_00002_A					0	0	1	CALIB_3		
/07 1948	or055021	12	SG1254L3_00002_A					0	0	1	CALIB_3		
/07 2005	or055022	13	SG1262L3_00002_A					0	0	1	CALIB_3		
/07 2020	or055023	14	SG1268L3_00002_A					0	0	1	CALIB_3		

Melissa Masters 12/13/07

12/13/07

0729

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

rument ID: PESTGC7.i

ytical Batch: /chem1/PESTGC7.i/8082/rear/Jan08/01-03-08/03jan08a.b

Generated: 01/03/2008

1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
03/08 0849	or055673	1	HEXANE	03ja		03jan08a		15	10	1	SAMPLE		E1SE17
03/08 0906	or055674	2	SGINSTBLK_00003_A			03jan08a		15	10	1	INSTBLANK		GM
03/08 0922	or055675	3	SG1660L3_00003_A					0	0	1	CCALIB_3		G
03/08 0956	or055676	4	888517	P267	6423	WIP365T	12/31/07	1	1	4	SAMPLE		G; confirms (DNR)
03/08 1013	or055677	5	888518	P267	6423	WIP365T	12/31/07	1	1	4	SAMPLE		G; confirms (DNR)
03/08 1029	or055678	6	WIP365T			WIP365T	12/31/07	1	1	4	BLANK		G; confirms (DNR)
03/08 1045	or055679	7	6423BSD		6423BSD		12/31/07	1	1	4	BS		G; confirms (DNR)
03/08 1101	or055680	8	884972	O729	6429	SP002W	01/02/07	15	10	1	SAMPLE		G; 1262
03/08 1118	or055681	9	884972MS	O729	6429	SP002W	01/02/07	15	10	1	MS		G
03/08 1135	or055682	10	884972MSD	O729	6429	SP002W	01/02/07	15	10	1	MSD		G
03/08 1151	or055683	11	SP002W			SP002W	01/02/08	15	10	1	BLANK		GM
03/08 1207	or055684	12	6429BS		6429BS	SP002W	01/02/08	15	10	1	BS		G

ed: Melissa Masters Read and Understood by:

: 1/3/08 Date: 1/3/08

TestAmerica Edison

588

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

rument ID: PESTGC7.i

ytical Batch: /chem1/PESTGC7.i/8082/rear/Jan08/01-03-08/03jan08b.b

Generated: 01/03/2008

1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
03/08 1224	or055685	13	SGINSTBLK_00003_B			03jan08b		15	10	1	INSTBLANK		GN
03/08 1240	or055686	14	SG1660L3_00003_B	↓	↓	↓	↓	0	0	1	CCALIB_3	↓	6

ed: Melissa Maten Read and Understood by:

: 1/3/08 Date: 1/3/08

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b

Date Generated: 12/15/2007

Page 1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/14/07 1748	qr067483	1	HEX	14de	NA	14dec07ica	NA	15	10	1	SAMPLE	NA	E2/ES1
12/14/07 1804	qr067484	1	HEX	14de		14dec07ica		15	10	1	SAMPLE		E2/ES1
12/14/07 1821	qr067485	2	SGINSTBLK_00003 D	NA		14dec07ica		15	10	1	INSTBLANK		G
12/14/07 1837	qr067486	3	SG1660L1_00003 D			NA		0	0	1	CALIB_1		G
12/14/07 1854	qr067487	4	SG1660L2_00003 D					0	0	1	CALIB_2		G
12/14/07 1908	qr067488	5	SG1660L3_00003 D					0	0	1	CALIB_3		G
12/14/07 1925	qr067489	6	SG1660L4_00003 D					0	0	1	CALIB_4		G
12/14/07 1941	qr067490	7	SG1660L5_00003 D					0	0	1	CALIB_5		G
12/14/07 1956	qr067491	8	SG1221L3_00003 D					0	0	1	CALIB_3		G
12/14/07 2013	qr067492	9	SG1232L3_00002 D					0	0	1	CALIB_3		G
12/14/07 2029	qr067493	10	SG1242L3_00002 D					0	0	1	CALIB_3		G
12/14/07 2046	qr067494	11	SG1248L3_00002 D					0	0	1	CALIB_3		G
12/14/07 2102	qr067495	12	SG1254L3_00002 D					0	0	1	CALIB_3		G
12/14/07 2119	qr067496	13	SG1262L3_00002 D					0	0	1	CALIB_3		G

12/15/7

CRF 12/17/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

strument ID: PESTGC8.i

alytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-14-07ical/14dec07icalc.b

te Generated: 12/15/2007

ge 2

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
2/14/07 2135	qr067497	14	SG1268L3_00002 D	12A	10A	10A	10A	0	0	1	CALIB_3	12A	G
2/14/07 2152	qr067498	15	SGPCBICV_00003 D	↓	SGPCBICV	↓	↓	15	10	1	BS	↓	G

gned: Carol B-Rug Read and Understood by: CAT

te: 12/15/7 Date: 12/17/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b

Date Generated: 12/18/2007

Page 1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/18/07 0658	qr067647	41	SGINSTBLK_00003 C	17de	NA	17dec07c	NA	15	10	1	SAMPLE	NA	G
12/18/07 0714	qr067648	42	SG1660L3_00003 C	NA	↓	NA	↓	0	0	1	CCALIB_3		G
12/18/07 0729	qr067649	43	SP351X	↓	↓	SP351X	12/17/07	15	10	1	BLANK		G ND
12/18/07 0746	qr067650	44	6375BS	↓	6375BS	NA	12/17/07	15	10	1	BS		G
12/18/07 0802	qr067651	45	884978	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		X20
12/18/07 0819	qr067652	46	884978MS	0729	6375	SP351X	12/17/07	15	10	1	MS		X20
12/18/07 0834	qr067653	47	884978MSD	0729	6375	SP351X	12/17/07	15	10	1	MSD		X20
12/18/07 0849	qr067654	48	884966	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		X10
12/18/07 0904	qr067655	49	884967	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		X100
12/18/07 0920	qr067656	50	884968	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		X50
12/18/07 0935	qr067657	51	884969	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		X10
12/18/07 0950	qr067658	52	884970	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		RE Carryover
12/18/07 1005	qr067659	53	884971	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		RE Carryover
12/18/07 1020	qr067660	54	884972	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		G 1260 ↓2

Carol B. Aug 12/18/7

CJ 12/19/07

TestAmerica Edison

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07c.b

Date Generated: 12/18/2007

Page 2

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/18/07 1035	qr067661	55	884973	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE	NA	G1262
12/18/07 1052	qr067662	56	884974	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		GNS LMSL
12/18/07 1108	qr067663	57	884975	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		GNS PCB high
12/18/07 1125	qr067664	58	884976	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		GNS
12/18/07 1140	qr067665	59	884977	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		GNS
12/18/07 1156	qr067666	60	884980	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		X200 X500
12/18/07 1211	qr067667	61	884981	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		RL Carryover
12/18/07 1228	qr067668	62	884982	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		RL Carryover

Signed: Carol B. Lay Read and Understood by: CHT

Date: 12/18/7 Date: 12/19/07

0729

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07d.b

Date Generated: 12/18/2007

Page 1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/18/07 1244	qr067669	63	SGINSTBLK_00003 D	NA	NA	17dec07d	NA	15	10	1	INSTBLANK	NA	GNS
12/18/07 1301	qr067670	64	SG1660L3_00003 D	↓	↓	NA	↓	0	0	1	CCALIB_3	↓	G
12/18/07 1316	qr067671	65	884983	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE	↓	G 1262
12/18/07 1331	qr067672	66	884984	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE	↓	G 1262
12/18/07 1347	qr067673	67	884985	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE	↓	G 1262
12/18/07 1402	qr067674	68	884986	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE	N	G 1262 X5
12/18/07 1523	qr067675	69	SP351Y	NA	NA	SP351Y	12/17/07	15	10	1	BLANK	↓	GNS
12/18/07 1539	qr067676	70	sp351yBS	↓	sp351yBS	NA	NA	15	10	1	BS	↓	G
12/18/07 1554	qr067677	71	884987	0729	6368	SP351Y	12/17/07	15	10	1	SAMPLE	↓	X5 1262
12/18/07 1611	qr067678	72	884988	0729	6368	SP351Y	12/17/07	15	10	1	SAMPLE	↓	X10
12/18/07 1627	qr067679	73	884989	0729	6368	SP351Y	12/17/07	15	10	1	SAMPLE	↓	X10
12/18/07 1642	qr067680	74	884992	0729	6368	SP351Y	12/17/07	15	10	1	SAMPLE	↓	RR Carryover

Signed: Carol B. Quig

Read and Understood by: CQ

Date: 12/18/07

Date: 12/19/07

TestAmerica Edison

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07e.b

Date Generated: 12/19/2007

Page 1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/18/07 1657	qr067681	75	SGINSTBLK_00003 E	17de	NA	17dec07e	NA	15	10	1	SAMPLE	NA	GNS
12/18/07 1714	qr067682	76	SG1660L3_00003 E	NA	↓	NA	↓	0	0	1	CCALIB_3		G
12/18/07 1913	qr067683	77	sp352abs	↓	sp352abs	↓	↓	15	10	1	BS		G
12/18/07 1928	qr067684	78	882458	0364	6373	SP352A	12/18/07	15	10	1	SAMPLE		~~1232 x5 10~~ ds GNS
12/18/07 1944	qr067685	79	882459	0364	6373	SP352A	12/18/07	15	10	1	SAMPLE		G1232 x10
12/18/07 2001	qr067686	80	882460	0364	6373	SP352A	12/18/07	15	10	1	SAMPLE		~~G10~~ ds G1232
12/18/07 2016	qr067687	81	882461	0364	6373	SP352A	12/18/07	15	10	1	SAMPLE		~~G1232~~ ds ND
12/18/07 2032	qr067688	82	882462	0364	6373	SP352A	12/18/07	15	10	1	SAMPLE		GNS LMBL
12/18/07 2048	qr067689	83	882463	0364	6373	SP352A	12/18/07	15	10	1	SAMPLE		GNS
12/18/07 2105	qr067690	84	882464	0364	6373	SP352A	12/18/07	15	10	1	SAMPLE		GNS
12/18/07 2121	qr067691	85	882465	0364	6373	SP352A	12/18/07	15	10	1	SAMPLE		GNS
12/18/07 2138	qr067692	86	882466	0364	6373	SP352A	12/18/07	15	10	1	SAMPLE		GNS
12/18/07 2242	qr067693	87	SP352A			SP352A	12/18/07	15	10	1	BLANK		GNS

Signed: Carol B. Diaz Read and Understood by: CBJ

Date: 12/19/7 Date: 12/19/07

0729

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

nstrument ID: PESTGC8.i

nalytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07g.b

ate Generated: 12/19/2007

age 1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/19/07 0421	qr067709	3	SGINSTBLK_00003 G	NA	NA	17dec07g	NA	15	10	1	INSTBLANK	NA	G
12/19/07 0438	qr067710	4	SG1660L3_00003 G			NA		0	0	1	CCALIB_3		G
12/19/07 0455	qr067711	5	6362BS		6362BS		12/14/07	1000	5	1	BS		G
12/19/07 0510	qr067712	6	885321	O779	6362	WP348A	12/14/07	1000	5	1	SAMPLE		G NS
12/19/07 0526	qr067713	7	885321MS	O779	6362	WP348A	12/14/07	1000	5	1	MS		G
12/19/07 0541	qr067714	8	885321MSD	O779	6362	WP348A	12/14/07	1000	5	1	MSD		G
12/19/07 0556	qr067715	9	884089	O590	6362	WP348A	12/14/07	1000	5	1	SAMPLE		G NS
12/19/07 0611	qr067716	10	884942	O729	6362	WP348A	12/14/07	1000	5	1	SAMPLE		G NS
12/19/07 0626	qr067717	11	884965	O729	6362	WP348A	12/14/07	1000	5	1	SAMPLE		G NS
12/19/07 0641	qr067718	12	884979	O729	6362	WP348A	12/14/07	1000	5	1	SAMPLE		G NS
12/19/07 0656	qr067719	13	884990	O729	6362	WP348A	12/14/07	1000	5	1	SAMPLE		G NS
12/19/07 0711	qr067720	14	884991	O729	6362	WP348A	12/14/07	1000	5	1	SAMPLE		G NS
12/19/07 0744	qr067721	15	WP348A	NA	NA	WP348A	12/14/07	1000	5	1	BLANK		G NS

igned: Carol B Quig Read and Understood by: CBQ

ate: 12/19/7 Date: 12/20/07

TestAmerica Edison

596

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

nstrument ID: PESTGC8.i

nalytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-17-07/17dec07h.b

ate Generated: 12/19/2007

age 1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/19/07 0759	qr067722	16	SGINSTBLK_00003 H			17dec07h		15	10	1	BLANK		
12/19/07 0814	qr067723	17	SG1660L3_00003 H					0	0	1	CCALIB_3		
12/19/07 0830	qr067724	18	884978	0729	6375	SP351X	12/17/07	15	10	10	SAMPLE		
12/19/07 0845	qr067725	19	884978MS	0729	6375	SP351X	12/17/07	15	10	10	MS		
12/19/07 0902	qr067726	20	884978MSD	0729	6375	SP351X	12/17/07	15	10	10	MSD		
12/19/07 0933	qr067727	21	884966	0729	6375	SP351X	12/17/07	15	10	10	SAMPLE		
12/19/07 1003	qr067728	22	884967	0729	6375	SP351X	12/17/07	15	10	100	SAMPLE		
12/19/07 1035	qr067729	23	884968	0729	6375	SP351X	12/17/07	15	10	50	SAMPLE		
12/19/07 1106	qr067730	24	884969	0729	6375	SP351X	12/17/07	15	10	10	SAMPLE		
12/19/07 1153	qr067731	25	884970	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		
12/19/07 1208	qr067732	26	884971	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		
12/19/07 1223	qr067733	27	884980	0729	6375	SP351X	12/17/07	15	10	200	SAMPLE		
12/19/07 1238	qr067734	28	884980	0729	6375	SP351X	12/17/07	15	10	500	SAMPLE		
12/19/07 1326	qr067735	29	884981	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		

NA

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Carol B. Ley 12/19/7

CMP 12/20/07

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b

Date Generated: 12/20/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/20/07 0244	qr067756	12	SGINSTBLK_00003 B	NA	NA	19dec07b	Nd	15	10	1	INSTBLANK	NA	G
12/20/07 0301	qr067757	13	SG1660L3_00003 B	↓	↓	NA	↓	0	0	1	CCALIB_3		G
12/20/07 0325	qr067758	14	882953	0435	6381	SP352Y	12/18/07	15	10	5	SAMPLE		G 1248
12/20/07 0340	qr067759	15	882957	0435	6381	SP352Y	12/18/07	15	10	1	SAMPLE		G ND
12/20/07 0355	qr067760	18	884978	0729	6375	SP351X	12/17/07	15	10	10	SAMPLE		G 1262
12/20/07 0410	qr067761	19	884978MS	0729	6375	SP351X	12/17/07	15	10	10	MS		G
12/20/07 0427	qr067762	20	884978MSD	0729	6375	SP351X	12/17/07	15	10	10	MSD		G
12/20/07 0443	qr067763	100	HEX	19de	NA	19dec07b	NA	15	10	1	SAMPLE		Not use
12/20/07 0458	qr067764	21	884966	0729	6375	SP351X	12/17/07	15	10	10	SAMPLE		G 1262
12/20/07 0515	qr067765	100	HEX	19de	NA	19dec07b	NA	15	10	1	SAMPLE		Not use
12/20/07 0531	qr067766	22	884967	0729	6375	SP351X	12/17/07	15	10	100	SAMPLE		G 1262
12/20/07 0548	qr067767	100	HEX	19de	NA	19dec07b	NA	15	10	1	SAMPLE		Not use
12/20/07 0603	qr067768	23	884968	0729	6375	SP351X	12/17/07	15	10	250	SAMPLE		G 1262
12/20/07 0618	qr067769	100	HEX	19de	NA	19dec07b	NA	15	10	1	SAMPLE		Not use

Case of B-Hex

12/20/07

CMJ 12/21/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b

Date Generated: 12/20/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/20/07 0633	qr067770	24	884969	0729	6375	SP351X	12/17/07	15	10	50	SAMPLE	NA	G1262
12/20/07 0650	qr067771	100	HEX	19de	NA	19dec07b	NA	15	10	1	SAMPLE		Not use
12/20/07 0704	qr067772	100	HEX	19de		19dec07b		15	10	1	SAMPLE		Not use
12/20/07 0721	qr067773	25	884970	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		G1262
12/20/07 0737	qr067774	26	884971	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		G1262
12/20/07 0752	qr067775	28	884980	0729	6375	SP351X	12/17/07	15	10	500	SAMPLE		G1262
12/20/07 0809	qr067776	100	HEX	19de	NA	19dec07b	NA	15	10	1	SAMPLE		Not use
12/20/07 0824	qr067777	100	HEX	19de		19dec07b		15	10	1	SAMPLE		Not use
12/20/07 0839	qr067778	29	884981	0729	6375	SP351X	12/17/07	15	10	5	SAMPLE		G1262
12/20/07 0855	qr067779	30	884982	0729	6375	SP351X	12/17/07	15	10	1	SAMPLE		GNS 2MSL1262
12/20/07 0912	qr067780	31	884986	0729	6375	SP351X	12/17/07	15	10	5	SAMPLE		G1262
12/20/07 0927	qr067781	32	884987	0729	6368	SP351Y	12/17/07	15	10	5	SAMPLE		G1262
12/20/07 0943	qr067782	33	884988	0729	6368	SP351Y	12/17/07	15	10	20	SAMPLE		G1262
12/20/07 0958	qr067783	34	884989	0729	6368	SP351Y	12/17/07	15	10	20	SAMPLE		G1262

Carol B. Hoy 12/20/7

12/21/07

0729

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07b.b

Date Generated: 12/20/2007

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/20/07 1013	qr067784	100	HEX	19de	NA	19dec07b	NA	15	10	1	SAMPLE	ND	No Fine
12/20/07 1030	qr067785	35	884992 1	0729	6368	SP351Y	12/17/07	15	10	1	SAMPLE		G ND 2nd 1262
12/20/07 1045	qr067786	36	882459	0364	6373	SP352A	12/18/07	15	10	5	SAMPLE		G1248

Signed: Carol B. Ly

Date: 12/20/7

Read and Understood by: [illegible]

Date: 12/21/07

TestAmerica Edison

600

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC8.i

Analytical Batch: /chem1/PESTGC8.i/8082/rear/Dec07/12-19-07/19dec07c.b

Date Generated: 12/20/2007

Page 1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/20/07 1133	qr067787	37	SGINSTBLK_00003 C	NA	NA	19dec07c	NA	15	10	1	INSTBLANK	NA	G
12/20/07 1149	qr067788	38	SG1660L3_00003 C	↓		NA		0	0	1	CCALIB_3		G only for closing
12/20/07 1206	qr067789	39	sp353s	19de		19dec07c		15	10	1	SAMPLE		RR
12/20/07 1222	qr067790	40	6379bs	19de		19dec07c		15	10	1	SAMPLE		
12/20/07 1237	qr067791	41	885805	O844	6379	SP353S	12/19/07	15	10	1	SAMPLE		
12/20/07 1254	qr067792	42	885805MS	O844	6379	SP353S	12/19/07	15	10	1	MS		
12/20/07 1309	qr067793	43	885805MSD	O844	6379	SP353S	12/19/07	15	10	1	MSD		
12/20/07 1324	qr067794	44	885806	O844	6379	SP353S	12/19/07	15	10	1	SAMPLE		X10
12/20/07 1340	qr067795	45	885807	O844	6379	SP353S	12/19/07	15	10	1	SAMPLE		X5
12/20/07 1356	qr067796	46	885808	O844	6379	SP353S	12/19/07	15	10	1	SAMPLE		X50
12/20/07 1412	qr067797	47	885809	O844	6379	SP353S	12/19/07	15	10	1	SAMPLE		X10
12/20/07 1429	qr067798	48	885810	O844	6379	SP353S	12/19/07	15	10	1	SAMPLE		
12/20/07 1445	qr067799	49	885811	O844	6379	SP353S	12/19/07	15	10	1	SAMPLE		
12/20/07 1502	qr067800	50	885812	O844	6379	SP353S	12/19/07	15	10	1	SAMPLE		

Carol B-Aj 12/20/07

MJ 12/21/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b

Date Generated: 12/17/2007

Page 1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/14/07 0844	vr426171	1	HEXANE	14de		14dec07aic		15	10	1	SAMPLE		
12/14/07 0859	vr426172	2	HEXANE	14de		14dec07aic		15	10	1	SAMPLE		
12/14/07 0914	vr426173	3	HEXANE	14de		14dec07aic		15	10	1	SAMPLE		
12/14/07 0930	vr426174	4	SGINSTBLK_00003C			14dec07aic		15	10	1	INSTBLANK		ND
12/14/07 0945	vr426175	5	SG1660L1_00003A					0	0	1	CALIB_1		updated
12/14/07 1000	vr426176	6	SG1660L2_00003A					0	0	1	CALIB_2		
12/14/07 1015	vr426177	7	SG1660L3_00003C					0	0	1	CALIB_3		
12/14/07 1030	vr426178	8	SG1660L4_00003C					0	0	1	CALIB_4		
12/14/07 1046	vr426179	9	SG1660L5_00003C					0	0	1	CALIB_5		
12/14/07 1101	vr426180	10	SG1221L3_00004C					0	0	1	CALIB_3		updated
12/14/07 1116	vr426181	11	SG1232L3_00003C					0	0	1	CALIB_3		
12/14/07 1131	vr426182	12	SG1242L3_00003C					0	0	1	CALIB_3		
12/14/07 1146	vr426183	13	SG1248L3_00003C					0	0	1	CALIB_3		
12/14/07 1202	vr426184	14	SG1254L3_00003C					0	0	1	CALIB_3		

D Shevlit 12-17-07

CHB 12/17/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-14-07aical/14dec07aical.b

Date Generated: 12/17/2007

Page 2

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/14/07 1217	vr426185	15	SG1262L3_00003C					0	0	1	CALIB_3		replated
12/14/07 1232	vr426186	16	SG11268L3_00003C					0	0	1	CALIB_3		
12/14/07 1247	vr426187	17	SG1660L3-ICV		SG1660L3			15	10	1	BS		G

Signed: D. Shanthi Read and Understood by:

Date: 12-17-07 Date: 12/17/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b

Date Generated: 12/17/2007

Page 1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/17/07 0750	vr426212	1	HEXANE	17de	—	17dec07a	—	15	10	1	SAMPLE	-	-
12/17/07 0805	vr426213	2	SGINSTBLK_00003A	_	_	17dec07a	_	15	10	1	INSTBLANK	-	GCMS
12/17/07 0820	vr426214	3	SG1660L3_00003A	_	_	_	_	0	0	1	CCALIB_3	-	GC RB F
12/17/07 0846	vr426215	4	SP348J	_	_	SP348J	12/14/07	15	10	1	BLANK	-	GCMS
12/17/07 0901	vr426216	5	885487	O811	6296	SP348J	12/14/07	15	10	1	SAMPLE		Recon hepic surr
12/17/07 0917	vr426217	6	885475	O808	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	GCMS
12/17/07 0932	vr426218	7	885476	O808	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	GCMS
12/17/07 0947	vr426219	8	885477	O808	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	GCMS
12/17/07 1003	vr426220	9	883262	O478	6347	SP347V	12/13/07	15	10	500	SAMPLE	-	RRX500 x2) x 1000
12/17/07 1018	vr426221	10	883263	O478	6347	SP347V	12/13/07	15	10	10	SAMPLE	-	GC 1242
12/17/07 1033	vr426222	11	883262	O478	6347	SP347V	12/13/07	15	10	100	SAMPLE	-	GC
12/17/07 1049	vr426223	12	SP349		—	SP349	12/15/07	15	10	1	BLANK	-	GCMS
12/17/07 1104	vr426224	13	885516	O814	6368	SP349	12/15/07	15	10	1	SAMPLE	-	GCMS
12/17/07 1119	vr426225	14	885517	O814	6368	SP349	12/15/07	15	10	1	SAMPLE	-	GCMS

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07a.b

Date Generated: 12/17/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/17/07 1135	vr426226	15	885518	0814	6368	SP349	12/15/07	15	10	1	SAMPLE	-	G ng
12/17/07 1150	vr426227	16	885519	0814	6368	SP349	12/15/07	15	10	1	SAMPLE	-	G ng
12/17/07 1205	vr426228	17	885520	0814	6368	SP349	12/15/07	15	10	1	SAMPLE	-	G ng
12/17/07 1221	vr426229	18	hjexane	17de	—	17dec07a	—	15	10	1	SAMPLE	-	—
12/17/07 1236	vr426230	19	6366BS	⊢	6366BS	-	12/14/07	15	10	1	BS	-	G
12/17/07 1252	vr426231	20	6368BS	-	6368BS	-	12/15/07	15	10	1	BS	-	RR (double spiked) G

Signed: D. Shewlt Read and Understood by: Cltf

Date: 12-17-07 Date: 12/17/07

0729

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b

Date Generated: 12/18/2007

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/17/07 1307	vr426232	21	SGINSTBLK_00003B	-	-	17dec07b	-	15	10	1	INSTBLANK	-	GND
12/17/07 1322	vr426233	22	SG166013_00003B	-	-	-	-	0	0	1	CCALIB_3	-	GR+F
12/17/07 1348	vr426234	1	885487	0811	6296	SP348J	12/14/07	15	10	1	SAMPLE	-	Recut- (high surr)
12/17/07 1404	vr426235	2	884941	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	-	RRx10
12/17/07 1419	vr426236	3	HEXANE	17de		17dec07b		15	10	1	SAMPLE	-	-
12/17/07 1434	vr426237	4	884944	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	-	RRx5
12/17/07 1450	vr426238	5	884945	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	-	RRx5x10
12/17/07 1505	vr426239	6	884946	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	-	RRx50
12/17/07 1520	vr426240	7	884946MS	0729	6365	SP348D	12/14/07	15	10	1	MS	-	RRx50
12/17/07 1536	vr426241	8	884946MSD	0729	6365	SP348D	12/14/07	15	10	1	MSD	-	RRx50
12/17/07 1551	vr426242	9	884947	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	-	RRx50
12/17/07 1606	vr426243	10	884952	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	-	RR carryover
12/17/07 1621	vr426244	11	884953	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	-	RR carryover
12/17/07 1637	vr426245	12	884954	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	-	GND

D. Shuit 12-18-07

Sata Hemel 12-18-07

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07b.b

Date Generated: 12/18/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/17/07 1652	vr426246	13	884955	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	-	G NO
12/17/07 1707	vr426247	17	HEXANE	17de		17dec07b		15	10	1	SAMPLE	-	-
12/17/07 1722	vr426248	14	884956	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	-	G G 48 ~~5~~, 62 CB 12/22/07
12/17/07 1738	vr426249	15	884957	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	-	G 48 ~~4+5~~, 62
12/17/07 1753	vr426250	16	884943	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE	-	RR X20
12/17/07 1808	vr426251	18	HEXANE	17de		17dec07b		15	10	1	SAMPLE	-	-
12/17/07 1823	vr426252	19	HEXANE	17de		17dec07b		15	10	1	SAMPLE	-	-
12/17/07 1839	vr426253	17	HEXANE	17de		17dec07b		15	10	1	SAMPLE	-	-
12/17/07 1854	vr426254	20	HEXANE	17de		17dec07b		15	10	1	SAMPLE	-	-
12/17/07 1909	vr426255	21	HEXANE	17de		17dec07b		15	10	1	SAMPLE	-	-
12/17/07 1924	vr426256	22	SP348D			SP348D	12/14/07	15	10	1	BLANK	-	G NO
12/17/07 1940	vr426257	23	6365BS		6365BS		12/14/07	15	10	1	BS	-	G

Signed: D. Shaw IL Read and Understood by: Sarita Heaves

Date: 12-18-07 Date: 12-20-7

TestAmerica Edison

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07c.b

Date Generated: 12/18/2007

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/17/07 1955	vr426258	24	SGINSTBLK_00003C			17dec07c		15	10	1	INSTBLANK	-	tg N D
12/17/07 2010	vr426259	25	SG1660L3_00003C					0	0	1	CCALIB_3	-	CLR TF
12/17/07 2025	vr426260	26	884092	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	G N D
12/17/07 2040	vr426261	27	884093	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	G N D
12/17/07 2056	vr426262	28	884094	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	G N D
12/17/07 2111	vr426263	29	884095	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	~~R R X 5~~ G N D 12-18-07
12/17/07 2126	vr426264	30	884096	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	R R X 5
12/17/07 2141	vr426265	31	884097	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	R R X 5
12/17/07 2156	vr426266	32	884098	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	R R X 2
12/17/07 2212	vr426267	33	884099	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	R R X 2
12/17/07 2227	vr426268	34	884100	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	R R X 5
12/17/07 2242	vr426269	35	884101	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	R R X 5
12/17/07 2257	vr426270	36	884102	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	R R X 5
12/17/07 2313	vr426271	37	884103	0590	6366	SP348J	12/14/07	15	10	1	SAMPLE	-	G 1262

S. Shettl 12-18-07

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b

Date Generated: 12/18/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/18/07 0200	vr426282	48	SGINSTBLK_00003D	-	-	17dec07d	-	15	10	1	INSTBLANK	-	GND
12/18/07 0215	vr426283	49	SG1660L3_000003D	-	-	-	-	0	0	1	CCALIB_3	-	CRDL
12/18/07 0230	vr426284	50	884948	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	RRX25
12/18/07 0246	vr426285	51	884949	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	RR
12/18/07 0301	vr426286	52	884950	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	GND
12/18/07 0316	vr426287	53	884951	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	GND
12/18/07 0331	vr426288	54	884958	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	GND
12/18/07 0346	vr426289	55	884959	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	GND
12/18/07 0402	vr426290	56	884960	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	GND
12/18/07 0417	vr426291	57	884961	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	GND (Surr high)
12/18/07 0432	vr426292	58	884962	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	GND
12/18/07 0447	vr426293	59	884963	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	G 12 62
12/18/07 0503	vr426294	60	884964	0729	6368	SP349	12/15/07	15	10	1	SAMPLE	-	GND
12/18/07 0518	vr426295	61	884964MS	0729	6368	SP349	12/15/07	15	10	1	MS	-	G

D. Sewell 12-18-07

12/19/07

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

strument ID: PESTGC9.i

alytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07d.b

te Generated: 12/18/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/18/07 0533	vr426296	62	884964MSD	0729	6368	SP349	12/15/07	15	10	1	MSD	-	9
12/18/07 0549	vr426297	63	HEXANE	17de	-	17dec07d	-	15	10	1	SAMPLE	-	-
12/18/07 0604	vr426298	64	HEXANE	17de	-	17dec07d	-	15	10	1	SAMPLE	-	-
12/18/07 0619	vr426299	65	HEXANE	17de	-	17dec07d	-	15	10	1	SAMPLE	-	-
12/18/07 0634	vr426300	66	HEXANE	17de	-	17dec07d	-	15	10	1	SAMPLE	-	-
12/18/07 0649	vr426301	67	HEXANE	17de	-	17dec07d	-	15	10	1	SAMPLE	-	-
12/18/07 0705	vr426302	68	SP349ABS	17de	-	17dec07d	-	15	10	1	SAMPLE	-	not used

Signed: D. Shevtl

Date: 12-18-07

Read and Understood by:

Date: 12/19/07

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07e.b

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/18/07 0720	vr426303	69	SGINSTBLK_00003E			17dec07e		15	10	1	INSTBLANK	-	GNO
12/18/07 0735	vr426304	70	SG1660L3_00003E				-	0	0	1	CCALIB_3		GRBF
12/18/07 0750	vr426305	71	HEXANE	17de		17dec07e		15	10	1	SAMPLE		
12/18/07 0806	vr426306	72	885487	O811	6296	SP351Q	12/17/07	15	10	5	SAMPLE	-	RRX25
12/18/07 0821	vr426307	73	hexane	17de		17dec07e		15	10	1	SAMPLE	-	-
12/18/07 0836	vr426308	74	SP351Q			SP351Q	12/17/07	15	10	1	BLANK	-	-
12/18/07 0852	vr426309	75	885487	O811	6296	SP351Q	12/17/07	15	10	25	SAMPLE	-	G 1248
12/18/07 0907	vr426310	76	880499	O066	6339	SP351X	12/17/07	15	10	1	SAMPLE	-	-
12/18/07 0922	vr426311	77	HEXANE	17de		17dec07e		15	10	1	SAMPLE	-	-
12/18/07 0937	vr426312	78	SP351QBS		SP351QBS			15	10	1	BS	-	G
12/18/07 0952	vr426313	79	883083	O456	6331	SP342A	12/08/07	15	10	5	SAMPLE	-	G 1248
12/18/07 1008	vr426314	80	883085	O456	6331	SP342A	12/08/07	15	10	10	SAMPLE	-	G 1248

Signed: D. Sch H Read and Understood by:

Date: 12-18-07 Date: 12/18/07

0729

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

strument ID: PESTGC9.i

alytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b

te Generated: 12/19/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
2/18/07 1450	vr426332	16	SGINSTBLK_0000G	-	-	17dec07g	-	15	10	1	INSTBLANK	-	Gc only
2/18/07 1505	vr426333	17	SG1660L3_00003G	-	-	-	-	0	0	1	CCALIB_3	-	Gc R & F
2/18/07 1553	vr426334	1	HEXANE	17de		17dec07g		15	10	1	SAMPLE	-	-
2/18/07 1608	vr426335	2	884941	O729	6365	SP348D	12/14/07	15	10	10	SAMPLE	-	Gc 1246, 62
2/18/07 1623	vr426336	3	884945	O729	6365	SP348D	12/14/07	15	10	5	SAMPLE	-	Gc 54, 62
2/18/07 1638	vr426337	4	884946	O729	6365	SP348D	12/14/07	15	10	50	SAMPLE	-	RR X 100 Used for QA purpose only.
2/18/07 1654	vr426338	5	884946MS	O729	6365	SP348D	12/14/07	15	10	50	MS	-	~~RR X 100~~
2/18/07 1709	vr426339	6	884946MSD	O729	6365	SP348D	12/14/07	15	10	50	MSD	-	~~RR X 100~~ } Used for QA purpose
2/18/07 1724	vr426340	7	884943	O729	6365	SP348D	12/14/07	15	10	20	SAMPLE	-	Gc 54, 62
2/18/07 1739	vr426341	8	884944	O729	6365	SP348D	12/14/07	15	10	2	SAMPLE	-	Gc 54, 62
2/18/07 1754	vr426342	9	884947	O729	6365	SP348D	12/14/07	15	10	50	SAMPLE	-	RR X 250
2/18/07 1810	vr426343	10	884096	O590	6366	SP348J	12/14/07	15	10	5	SAMPLE	-	Gc 54, 62
2/18/07 1825	vr426344	11	884097	O590	6366	SP348J	12/14/07	15	10	5	SAMPLE	-	Gc 54, 62
2/18/07 1840	vr426345	12	884099	O590	6366	SP348J	12/14/07	15	10	2	SAMPLE	-	Gc 54, 62

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TestAmerica Edison

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STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

strument ID: PESTGC9.i

alytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b

te Generated: 12/19/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
2/18/07 1855	vr426346	13	884100	O590	6366	SP348J	12/14/07	15	10	5	SAMPLE		RRX10
2/18/07 1910	vr426347	14	884101	O590	6366	SP348J	12/14/07	15	10	5	SAMPLE		RRX10
2/18/07 1925	vr426348	15	884102	O590	6366	SP348J	12/14/07	15	10	5	SAMPLE		G 1262
2/18/07 1941	vr426349	16	884948	O729	6368	SP349	12/15/07	15	10	25	SAMPLE		RRX100
2/18/07 1956	vr426350	17	884098	O590	6366	SP348J	12/14/07	15	10	2	SAMPLE		G 1254,62
2/18/07 2011	vr426351	18	hexane	17de		17dec07g		15	10	1	SAMPLE		-
2/18/07 2026	vr426352	19	hexane	17de		17dec07g		15	10	1	SAMPLE		-
2/18/07 2042	vr426353	20	hexane	17de		17dec07g		15	10	1	SAMPLE		-
2/18/07 2057	vr426354	21	hexane	17de		17dec07g		15	10	1	SAMPLE		-
2/18/07 2112	vr426355	22	884949	O729	6368	SP349	12/15/07	15	10	1	SAMPLE		G 1262
2/18/07 2128	vr426356	23	hexane	17de		17dec07g		15	10	1	SAMPLE		-
2/18/07 2143	vr426357	24	884952	O729	6365	SP348D	12/14/07	15	10	1	SAMPLE		G 1254, 62
2/18/07 2158	vr426358	25	hexane	17de		17dec07g		15	10	1	SAMPLE		-
2/18/07 2213	vr426359	26	884953	O729	6365	SP348D	12/14/07	15	10	1	SAMPLE		G 1254,62

D. Shantl
12-19-07

Sutaluk 12-19-07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

strument ID: PESTGC9.i

alytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07g.b

e Generated: 12/19/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/IW	FV	DIL FAC	SampleType	LOT	COMMENTS
2/18/07 2229	vr426360	27	hexane	17de	—	17dec07g		15	10	1	SAMPLE	—	—
2/18/07 2244	vr426361	28	hexane	17de	—	17dec07g		15	10	1	SAMPLE	—	—
2/18/07 2259	vr426362	29	hexane	17de	—	17dec07g		15	10	1	SAMPLE	—	—
2/18/07 2315	vr426363	30	hexane	17de	—	17dec07g		15	10	1	SAMPLE	—	—
2/18/07 2330	vr426364	31	hexane	17de	—	17dec07g		15	10	1	SAMPLE	—	—
2/18/07 2345	vr426365	32	884954	0729	6365	SP348D	12/14/07	15	10	1	SAMPLE		GRO

gned: [signature] Read and Understood by: [signature]

te: 12-19-07 Date: 12-19-7

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

rument ID: PESTGC9.i

ytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07h.b

Generated: 12/19/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
19/07 0000	vr426366	33	SGINSTBLK_00003H	-	-	17dec07h	-	15	10	1	INSTBLANK	-	GND
19/07 0016	vr426367	34	SG1660L3_00003H	17de	-	17dec07h	-	15	10	1	SAMPLE	-	not used (G)
19/07 0031	vr426368	35	SG1660L3_00003H	-	-	-	-	0	0	1	CCALIB_3	-	G R+F
19/07 0046	vr426369	100	HEX	17de	-	17dec07h	-	15	10	1	SAMPLE	-	-
19/07 0101	vr426370	100	HEX	17de	-	17dec07h	-	15	10	1	SAMPLE	-	-
19/07 0116	vr426371	36	6383BS	-	6383BS	SP352V	12/18/07	15	10	1	BS	-	G
19/07 0131	vr426372	37	886200	0913	6383	SP352V	12/18/07	15	10	1	SAMPLE	-	GND
19/07 0147	vr426373	38	886200MS	0913	6383	SP352V	12/18/07	15	10	1	MS	-	G
19/07 0202	vr426374	39	886200MSD	0913	6383	SP352V	12/18/07	15	10	1	MSD	-	G
19/07 0217	vr426375	40	886187	0913	6383	SP352V	12/18/07	15	10	1	SAMPLE	-	G 1248
19/07 0232	vr426376	41	886188	0913	6383	SP352V	12/18/07	15	10	1	SAMPLE	-	RRX2
19/07 0247	vr426377	42	886189	0913	6383	SP352V	12/18/07	15	10	1	SAMPLE	-	G 1248
19/07 0303	vr426378	43	886190	0913	6383	SP352V	12/18/07	15	10	1	SAMPLE	-	GND
19/07 0318	vr426379	44	886191	0913	6383	SP352V	12/18/07	15	10	1	SAMPLE	-	G 1248

D. Shaeffer 12-19-07

12/19/07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07j.b

Date Generated: 12/20/2007

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Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/19/07 0933	vr426400	6	SGINSTBLK_00003J			17dec07j		15	10	1	INSTBLANK	-	CCNO
12/19/07 0949	vr426401	7	SG1660L3_00003J					0	0	1	CCALIB_3	-	CCRTF
12/19/07 1225	vr426402	8	HEXANE	17de		17dec07j		15	10	1	SAMPLE	—	—
12/19/07 1240	vr426403	9	884100	0590	6366	SP348J	12/14/07	15	10	10	SAMPLE	-	CC 54162
12/19/07 1255	vr426404	10	884101	0590	6366	SP348J	12/14/07	15	10	10	SAMPLE	-	CC 54162
12/19/07 1311	vr426405	11	884948	0729	6368	SP349	12/15/07	15	10	100	SAMPLE	-	CC 1268
12/19/07 1326	vr426406	12	884947	0729	6365	SP348D	12/14/07	15	10	250	SAMPLE	-	CC 54162
12/19/07 1341	vr426407	13	884946	0729	6365	SP348D	12/14/07	15	10	100	SAMPLE	-	CC 54162
12/19/07 1356	vr426408	14	884946MS	0729	6365	SP348D	12/14/07	15	10	100	MS	-	not cored
12/19/07 1412	vr426409	15	884946MSD	0729	6365	SP348D	12/14/07	15	10	100	MSD	-	not cored

Signed: D. Flint Read and Understood by: [signature]

Date: 12-20-07 Date: 12-20-07

STL EDISON

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Dec07/12-17-07/17dec07k.b

Date Generated: 12/20/2007

Page 1

Date	Data File	ALS	Sample ID	Job #	QA	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
12/19/07 1637	vr426410	1	SGINSTBLK_00003K	-	-	17dec07k	-	15	10	1	INSTBLANK	-	GCWD
12/19/07 1652	vr426411	2	SG1660L3_00003K	-	-	-	-	0	0	1	CCALIB_3	-	GC R+F

Signed: D. Shelt Read and Understood by: Smith

Date: 12-20-07 Date: 12-20-07

Percent Solids Log

Job Number	Sample Number	Bottle ID	Tare Weight (g)	Wet Weight (g)	Dry Weight (g)	Percent Solids (%)	Percent Moisture (%)
O590	884095	129	1.04	5.69	3.06	53.8	46.2
O590	884096	192	1.08	5.82	5.21	89.5	10.5
O590	884097	229	1.07	5.94	5.38	90.6	9.4
O590	884098	515	1.06	5.71	4.72	82.7	17.3
O590	884099	583	1.04	5.32	4.65	87.4	12.6
O590	884100	96	1.05	5.02	4.59	91.4	8.6
O590	884101	335	1.03	5.06	4.14	81.8	18.2
O590	884102	5	1.06	5.33	3.18	59.7	40.3
O590	884103	83	1	5.19	3.2	61.7	38.3
O590	884104	254	1.05	5.05	4.25	84.2	15.8
O590	884105	181	1.03	5.29	3.14	59.4	40.6
							100
O729	884941	555	1.07	5.44	4.66	85.7	14.3
O729	884943	602	1	5.46	4.29	78.6	21.4
O729	884944	559	1.08	5.01	3.28	65.5	34.5
O729	884945	127	1.06	5.88	3.67	62.4	37.6
O729	884946	621	1.03	5	3.19	63.8	36.2
O729	884947	309	0.98	5.83	3.92	67.2	32.8
O729	884948	582	1.09	5.42	2.68	49.4	50.6
O729	884949	620	1.04	5.24	2.68	51.1	48.9
O729	884950	157	1.09	5.44	3.18	58.5	41.5
O729	884951	27	1.05	5.52	3.67	66.5	33.5
O729	884952	296	1.11	5.44	2.31	42.5	57.5
O729	884953	275	1.06	5.56	2.48	44.6	55.4
O729	884954	529	1.12	5.64	3.27	58	42
O729	884955	622	1.07	5.75	3.41	59.3	40.7
O729	884956	311	1.05	5.87	4.61	78.5	21.5
O729	884957	101	1.07	5.38	2.61	48.5	51.5
O729	884958	45	1.14	5.34	3.18	59.6	40.4
O729	884959	509	1.04	5.74	3.29	57.3	42.7
	DUP 884959	74	1.03	5.9	3.48	59	41
O729	884960	139	1.06	5.76	3.05	53	47
O729	884961	616	1.03	5.6	2.79	49.8	50.2
O729	884962	16	1.05	5.06	2.76	54.5	45.5
O729	884963	332	1.07	5.31	2.8	52.7	47.3
O729	884964	618	1.05	5.34	3.16	59.2	40.8
O729	884966	249	1.05	5	2.71	54.2	45.8
O729	884967	223	1.07	5.82	2.89	49.7	50.3
O729	884968	502	1	5.58	2.9	52	48
O729	884969	34	1.09	5.51	3.23	58.6	41.4
O729	884970	33	1.06	5.46	2.83	51.8	48.2
O729	884971	609	1.06	5.75	2.96	51.5	48.5
O729	884972	277	1.03	5.87	3.53	60.1	39.9
O729	884973	70	1.05	5.34	3.27	61.2	38.8
O729	884974	19	1.04	5.42	3.11	57.4	42.6
O729	884975	153	1.03	5.02	2.88	57.4	42.6
O729	884976	302	1.01	5.73	3.42	59.7	40.3

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PS1216.XLS

Signed: [signature] Date: 12/17/07 Signed: V Dave Date: 12-17-07

Percent Solids Log

Job Number	Sample Number	Bottle ID	Tare Weight (g)	Wet Weight (g)	Dry Weight (g)	Percent Solids (%)	Percent Moisture (%)
O729	884977	18	1.04	5.27	3.07	58.3	41.7
O729	884978	187	1.05	5.82	4.99	85.7	14.3
O729	884980	607	1.05	5.4	3.4	63	37
O729	884981	370	0.99	5.25	3	57.1	42.9
O729	884982	300	1.08	5.65	3.31	58.6	41.4
	DUP 884982	611	1.01	5.4	3.15	58.3	41.7
O729	884983	32	1.07	5.72	2.79	48.8	51.2
O729	884984	172	1.05	5.61	3.44	61.3	38.7
O729	884985	170	1.04	5.04	2.11	41.9	58.1
O729	884986	11	1.07	5.15	4.31	83.7	16.3
O729	884987	305	1.06	5.2	2.87	55.2	44.8
O729	884988	614	1.09	5.13	2.74	53.4	46.6
O729	884989	260	1.11	5.1	2.76	54.1	45.9
O729	884992	111	1.05	5.09	2.99	58.7	41.3
							100
O836	885702	10	1.04	5.82	4.9	84.2	15.8
O836	885703	120	1.07	5.29	3.67	69.4	30.6
	DUP 885703	336	1.08	5	3.7	74	26
O836	885704	166	1.08	5.36	4.62	86.2	13.8
O836	885705	331	1.04	5.07	3.99	78.7	21.3
O836	885706	42	1.04	5.82	3.84	66	34
O836	885707	575	1.06	5.74	5.04	87.8	12.2
O836	885708	155	1.06	5.63	4.96	88.1	11.9
O836	885709	603	1.02	5.02	4.63	92.2	7.8
O836	885710	167	1.05	5.62	5.07	90.2	9.8
O836	885711	286	1.04	5.31	4.88	91.9	8.1
O836	885712	372	1.02	5.61	5.14	91.6	8.4
O836	885713	128	1.01	5.73	5.3	92.5	7.5
O836	885714	239	0.99	5.32	5.03	94.5	5.5
O836	885715	329	1.06	5.82	5.34	91.8	8.2
O836	885716	307	1.02	5.02	4.52	90	10
O836	885717	84	1.04	5.23	3.93	75.1	24.9
O836	885718	570	1.06	5.63	5.04	89.5	10.5
O836	885719	25	1.05	5.41	1.99	36.8	63.2
O836	885720	3	1.04	5.74	4.76	82.9	17.1
O836	885721	216	1.02	5.36	3.22	60.1	39.9
O836	885722	86	1.03	5.37	4.31	80.3	19.7
O836	885723	214	1.03	5.41	4.55	84.1	15.9
O836	885724	109	1.06	5.06	4.4	87	13
	DUP 885724	393	1.04	5.43	4.93	90.8	9.2
O836	885725	297	1.05	5.14	4.65	90.5	9.5
O836	885726	224	1.05	5.53	5.08	91.9	8.1
O836	885727	323	1.09	5.68	4.63	81.5	18.5
O836	885728	290	1.07	5.29	4.78	90.4	9.6
O836	885729	356	1.05	5.18	4.63	89.4	10.6
O836	885730	601	1.09	5.03	4.16	82.7	17.3
O836	885731	62	1.03	5.4	4.74	87.8	12.2

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Signed: _____ Date: 12/17/07 Signed: V Dare Date: 12-17-07

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Apr 17, 2008

Haley & Aldrich
3840 Packard Rd, suite 100
Ann Arbor, MI 48108-2280

Attention: Ms. Ban N. Aragona

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. S478 - BP Hastings

Dear Ms. Aragona:

Enclosed are the results you requested for the following sample(s) received at our laboratory on March 27, 2008.

Lab No.	Client ID	Analysis Required
908689	HA115-032508-1645	TCL BNA+20 PCBs
908690	HA115-032508-1710	TCL BNA+20 PCBs
908691	HA115-032508-1720	TCL BNA+20 PCBs
908692	HA115-032508-1725	TCL BNA+20 PCBs
908693	HA115-032508-1730	TCL BNA+20 PCBs
908694	HA115-032508-1745	TCL BNA+20 PCBs
908695	HA115-032508-1750	TCL BNA+20 PCBs
908696	HA115-032508-1805	TCL BNA+20 PCBs
908697	HA115-032608-0900	TCL BNA+20 PCBs
908698	HA115-032608-0905	TCL BNA+20 PCBs

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777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. S478 - BP Hastings (cont'd)

Lab No.	Client ID	Analysis Required
908699	HA115-032608-0910	TCL BNA+20 PCBs
908700	HA116-032608-1330	TCL BNA+20 PCBs
908701	HA116-032608-1355	TCL BNA+20 PCBs
908702	HA116-032608-1410	TCL BNA+20 PCBs
908703	HA116-032608-1435	TCL BNA+20 PCBs
908704	HA116-032608-1440	TCL BNA+20 PCBs
908705	HA116-032608-1445	TCL BNA+20 PCBs
908706	HA116-032608-1505	TCL BNA+20 PCBs
908707	HA116-032608-1510	TCL BNA+20 PCBs
908708	HA116-032608-1550	TCL BNA+20 PCBs

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www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. S478 - BP Hastings (cont'd)

Lab No.	Client ID	Analysis Required
908709	HA116-032608-1555	TCL BNA+20
		PCBs

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TestAmerica Edison has following Laboratory Certifications: New Jersey(12028), New York(11452), Pennsylvania(68-00522), Connecticut(PH-0200), Rhode Island(LAO00132)

An invoice for our services is also enclosed. If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

Alison E. Sedlak

Alison Sedlak
Project Manager

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Sample Data Summary Package

SDG: S478

Site: BP Hasting

Lab/Client ID Cross Referrence

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
			*BNA GC/MS 8270C		PCB GC 8082		
HA115-032508-1645	908689		❖		❖		
HA115-032508-1710	908690		❖		❖		
HA115-032508-1720	908691		❖		❖		
HA115-032508-1725	908692		❖		❖		
HA115-032508-1730	908693		❖		❖		
HA115-032508-1745	908694		❖		❖		
HA115-032508-1750	908695		❖		❖		
HA115-032508-1805	908696		❖		❖		
HA115-032608-0900	908697		❖		❖		
HA115-032608-0905	908698		❖		❖		
HA115-032608-0910	908699		❖		❖		
HA116-032608-1330	908700		❖		❖		
HA116-032608-1355	908701		❖		❖		
HA116-032608-1410	908702		❖		❖		
HA116-032608-1435	908703		❖		❖		
HA116-032608-1440	908704		❖		❖		
HA116-032608-1445	908705		❖		❖		
HA116-032608-1505	908706		❖		❖		
HA116-032608-1510	908707		❖		❖		
HA116-032608-1550	908708		❖		❖		
HA116-032608-1555	908709		❖		❖		

Sample Preparation and Analysis Summary

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
SEMIVOLATILE (BNA)
ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
908689R1	SOLID	3/25/08	3/27/08	3/31/08	4/10/08
908689	SOLID	3/25/08	3/27/08	3/31/08	4/10/08
908689MS	SOLID	3/25/08	3/27/08		4/10/08
908689SD	SOLID	3/25/08	3/27/08		4/10/08
908690	SOLID	3/25/08	3/27/08	3/31/08	4/7/08
908690MS	SOLID	3/25/08	3/27/08	3/31/08	4/7/08
908690SD	SOLID	3/25/08	3/27/08	3/31/08	4/7/08
908691	SOLID	3/25/08	3/27/08	3/31/08	4/7/08
908692	SOLID	3/25/08	3/27/08	3/31/08	4/7/08
908693	SOLID	3/25/08	3/27/08	3/31/08	4/7/08
908694	SOLID	3/25/08	3/27/08	3/31/08	4/7/08
908695	SOLID	3/25/08	3/27/08	3/31/08	4/7/08
908696	SOLID	3/25/08	3/27/08	3/31/08	4/9/08
908697	SOLID	3/26/08	3/27/08	3/31/08	4/8/08
908698	SOLID	3/26/08	3/27/08	3/31/08	4/9/08
908699	SOLID	3/26/08	3/27/08	3/31/08	4/8/08
908700	WATER	3/26/08	3/27/08	4/7/08	4/8/08
908701	SOLID	3/26/08	3/27/08	3/31/08	4/9/08
908702	SOLID	3/26/08	3/27/08	3/31/08	4/8/08
908703	SOLID	3/26/08	3/27/08	3/31/08	4/9/08
908704	SOLID	3/26/08	3/27/08	3/31/08	4/8/08
908705	SOLID	3/26/08	3/27/08	3/31/08	4/8/08
908706	SOLID	3/26/08	3/27/08	3/31/08	4/8/08
908707	SOLID	3/26/08	3/27/08	3/31/08	4/8/08
908708	SOLID	3/26/08	3/27/08	3/31/08	4/9/08
908709	SOLID	3/26/08	3/27/08	3/31/08	4/9/08

10/95

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
SEMIVOLATILE (BNA)
ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
908689R1	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		5.00
908689	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		5.00
908689MS	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		2.00
908689SD	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		2.00
908690	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
908690MS	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
908690SD	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
908691	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
908692	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		2.00
908693	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		2.00
908694	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		2.00
908695	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
908696	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		2.00
908697	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
908698	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
908699	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
908700	WATER	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
908701	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		5.00
908702	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
908703	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		2.00
908704	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
908705	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
908706	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
908707	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
908708	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		2.00
908709	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00

10/95

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB
ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
908689	SOLID	3/25/08	3/27/08	3/31/08	4/5/08
908689MS	SOLID	3/25/08	3/27/08	3/31/08	4/5/08
908689SD	SOLID	3/25/08	3/27/08	3/31/08	4/5/08
908690	SOLID	3/25/08	3/27/08	3/31/08	4/6/08
908691	SOLID	3/25/08	3/27/08	3/31/08	4/6/08
908692	SOLID	3/25/08	3/27/08	3/31/08	4/6/08
908693	SOLID	3/25/08	3/27/08	3/31/08	4/6/08
908694	SOLID	3/25/08	3/27/08	3/31/08	4/6/08
908695	SOLID	3/25/08	3/27/08	3/31/08	4/6/08
908696	SOLID	3/25/08	3/27/08	3/31/08	4/6/08
908697	SOLID	3/26/08	3/27/08	3/31/08	4/6/08
908698	SOLID	3/26/08	3/27/08	3/31/08	4/6/08
908699	SOLID	3/26/08	3/27/08	3/31/08	4/6/08
908700	WATER	3/26/08	3/27/08	4/7/08	4/8/08
908701	SOLID	3/26/08	3/27/08	3/31/08	4/6/08
908702	SOLID	3/26/08	3/27/08	3/31/08	4/5/08
908703	SOLID	3/26/08	3/27/08	3/31/08	4/6/08
908704	SOLID	3/26/08	3/27/08	3/31/08	4/5/08
908705	SOLID	3/26/08	3/27/08	3/31/08	4/7/08
908706	SOLID	3/26/08	3/27/08	3/31/08	4/6/08
908707	SOLID	3/26/08	3/27/08	3/31/08	4/6/08
908708	SOLID	3/26/08	3/27/08	3/31/08	4/6/08
908709	SOLID	3/26/08	3/27/08	3/31/08	4/6/08

10/95

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Parameters	Date Rec'd at Lab	Date Analyzed
908689	SOLID	% SOLIDS	3/27/08	4/2/08
908689MS	SOLID	% SOLIDS	3/27/08	4/8/08
908689SD	SOLID	% SOLIDS	3/27/08	4/8/08
908690	SOLID	% SOLIDS	3/27/08	4/2/08
908690MS	SOLID	% SOLIDS	3/27/08	4/8/08
908690SD	SOLID	% SOLIDS	3/27/08	4/8/08
908691	SOLID	% SOLIDS	3/27/08	4/2/08
908692	SOLID	% SOLIDS	3/27/08	4/2/08
908693	SOLID	% SOLIDS	3/27/08	4/2/08
908694	SOLID	% SOLIDS	3/27/08	4/2/08
908695	SOLID	% SOLIDS	3/27/08	4/2/08
908696	SOLID	% SOLIDS	3/27/08	4/2/08
908697	SOLID	% SOLIDS	3/27/08	4/2/08
908698	SOLID	% SOLIDS	3/27/08	4/2/08
908699	SOLID	% SOLIDS	3/27/08	4/2/08
908701	SOLID	% SOLIDS	3/27/08	4/2/08
908702	SOLID	% SOLIDS	3/27/08	4/2/08
908703	SOLID	% SOLIDS	3/27/08	4/2/08
908704	SOLID	% SOLIDS	3/27/08	4/2/08

10/95

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Parameters	Date Rec'd at Lab	Date Analyzed
908705	SOLID	% SOLIDS	3/27/08	4/2/08
908706	SOLID	% SOLIDS	3/27/08	4/2/08
908707	SOLID	% SOLIDS	3/27/08	4/2/08
908708	SOLID	% SOLIDS	3/27/08	4/2/08
908709	SOLID	% SOLIDS	3/27/08	4/2/08

10/95

Non-Conformance Summary

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Rd
Edison, NJ 08817
Ph. 732 549-3900 * *Fax* 732 549-3679

SDG NARRATIVE

TestAmerica

SDG No. S478

TA Edison Sample	Client ID
908689	HA115-032508-1645
908690	HA115-032508-1710
908691	HA115-032508-1720
908692	HA115-032508-1725
908693	HA115-032508-1730
908694	HA115-032508-1745
908695	HA115-032508-1750
908696	HA115-032508-1805
908697	HA115-032608-0900
908698	HA115-032608-0905
908699	HA115-032608-0910
908700	HA116-032608-1330
908701	HA116-032608-1355
908702	HA116-032608-1410
908703	HA116-032608-1435
908704	HA116-032608-1440
908705	HA116-032608-1445
908706	HA116-032608-1505
908707	HA116-032608-1510
908708	HA116-032608-1550
908709	HA116-032608-1555

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Rd
Edison, NJ 08817
Ph. 732 549-3900 * *Fax* 732 549-3679

Sample Receipt:

Sample delivery conforms to requirements.

Base/Neutral and/or Acid Extractable Organics (GC/MS):

QA Batch #7084:the extraction blank SB091 contains 7.8 ppb of benzoic acid.Sample results flagged with a B qualifier.
Sample #908700 extracted outside hold time.
Sample #908689:IS-Perylene-d12 internal standard area is <50%of the most recent continuing calibration standard area.The sample extract was reanalyzed confirming matrix interference.
Samples#908699,702,and 705:surrogate recovery of 2,4,6-Tribromophenol is biased low.

Pesticides/PCBs:

All data conforms with method requirements.

I certify that this data package is in compliance with the terms of the contract NY ASP B both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this data package has been authorized by the laboratory manager or his designee.

Alison Sedlak

Alison Sedlak
Project Manager

Results/QC Summary

SEMI-VOLATILE SURROGATE RECOVERY
METHOD 8270C

Matrix: SOIL Level: LOW Lab Job No: S478

	LAB SAMPLE NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 (TPH) #	TOT OUT
01	7084BS	77	74	76	63	61	55	0
02	SB091	77	73	75	66	67	61	0
03	908690	62	56	60	62	60	60	0
04	908690MS	72	71	76	64	65	63	0
05	908690MSD	66	65	75	65	67	62	0
06	908691	59	58	59	56	56	62	0
07	908692	66	64	59	63	68	76	0
08	908693	66	66	63	65	74	75	0
09	908694	56	55	54	62	65	75	0
10	908695	59	56	60	61	60	61	0
11	908697	52	51	59	48	46	62	0
12	908704	50	49	32	49	54	80	0
13	908705	59	59	20*	53	54	67	1
14	908706	51	51	26	44	50	70	0
15	908699	58	56	17*	52	58	69	1
16	908702	66	63	17*	58	59	78	1
17	908707	49	49	48	47	53	75	0
18	908703	58	62	70	55	59	91	0
19	908696	47	49	63	46	48	52	0
20	908701	59	65	40	72	68	78	0
21	908708	60	65	60	74	63	76	0
22	908709	48	51	51	56	52	82	0
23	908698	49	50	56	58	54	76	0
24	908689R1	73	74	72	82	84	130D	0
25	908689	78	80	80	74	82	97	0
26								
27								
28								
29								
30								

			QC LIMITS
S1		= 2-Fluorophenol	(37-107)
S2		= Phenol-d5	(40-103)
S3		= 2,4,6-Tribromophenol	(23-115)
S4		= Nitrobenzene-d5	(31- 97)
S5		= 2-Fluorobiphenyl	(36- 93)
S6	(TPH)	= Terphenyl-d14	(40-129)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

SEMI-VOLATILE SURROGATE RECOVERY
METHOD 8270C

Matrix: WATER Level: LOW Lab Job No: S478

	LAB SAMPLE NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 (TPH) #	TOT OUT
01	WB098R	49	30	78	78	81	87	0
02	908700	57	41	74	73	77	84	0
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
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18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

			QC LIMITS
S1		= 2-Fluorophenol	(19- 66)
S2		= Phenol-d5	(13- 44)
S3		= 2,4,6-Tribromophenol	(52-122)
S4		= Nitrobenzene-d5	(49-114)
S5		= 2-Fluorobiphenyl	(53-110)
S6	(TPH)	= Terphenyl-d14	(46-129)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

SEMI-VOLATILE SURROGATE RECOVERY
METHOD 8270C

Matrix: WATER Level: LOW Lab Job No: QA6045

	LAB SAMPLE NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 (TPH) #	TOT OUT
01	6045BS	48	31	85	78	81	83	0
02	910973	28	5*	89	102	99	105	1
03	910973MSD	40	27	83	82	85	85	0
04	910973MS	48	32	87	86	89	87	0
05								
06								
07								
08								
09								
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25								
26								
27								
28								
29								
30								

			QC LIMITS
S1		= 2-Fluorophenol	(19- 66)
S2		= Phenol-d5	(13- 44)
S3		= 2,4,6-Tribromophenol	(52-122)
S4		= Nitrobenzene-d5	(49-114)
S5		= 2-Fluorobiphenyl	(53-110)
S6	(TPH)	= Terphenyl-d14	(46-129)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

SEMI-VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8270C

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 908690

MS Sample from Lab Job No: S478

QA Batch: 7084

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Phenol	7700	0.00	5800	75	40-110
2-Chlorophenol	7700	0.00	5500	71	41-113
2-Methylphenol	7700	0.00	5300	69	40-109
4-Chloro-3-methylphenol	7700	0.00	5400	70	46-107
2,4,6-Trichlorophenol	7700	0.00	5500	71	31-113
4-Nitrophenol	7700	0.00	6400	83	37-109
Pentachlorophenol	7700	0.00	5600	73	23-119
1,4-Dichlorobenzene	3900	0.00	2500	64	35-101
N-Nitroso-di-n-propylami	3900	0.00	2500	64	39-102
1,2,4-Trichlorobenzene	3900	0.00	2400	62	38-105
2-Methylnaphthalene	3900	31	2600	66	33-109
Acenaphthene	3900	120	2900	71	35-104
2,4-Dinitrotoluene	3900	0.00	3000	77	44-104
Carbazole	3900	130	3000	74	50-105
Pyrene	3900	840	4200	86	57-105
Diphenyl	3900	0.00	2600	67	38-108

Compound	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	7700	5000	65	15	40	40-110
2-Chlorophenol	7700	5200	68	6	40	41-113
2-Methylphenol	7700	4900	64	8	40	40-109
4-Chloro-3-methylphenol	7700	5400	70	0	40	46-107
2,4,6-Trichlorophenol	7700	5400	70	2	40	31-113
4-Nitrophenol	7700	6200	81	3	40	37-109
Pentachlorophenol	7700	5500	71	2	40	23-119
1,4-Dichlorobenzene	3900	2200	56	13	40	35-101
N-Nitroso-di-n-propylami	3900	2400	62	4	40	39-102
1,2,4-Trichlorobenzene	3900	2500	64	4	40	38-105
2-Methylnaphthalene	3900	2700	68	4	40	33-109
Acenaphthene	3900	2900	71	0	40	35-104
2,4-Dinitrotoluene	3900	2800	72	7	40	44-104
Carbazole	3900	3200	79	7	40	50-105
Pyrene	3900	4200	86	0	40	57-105
Diphenyl	3900	2400	62	8	40	38-108

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 0 out of 16 outside limits
Spike Recovery: 0 out of 32 outside limits

COMMENTS: _____

SEMI-VOLATILE BLANK SPIKE RECOVERY
METHOD 8270C

QA Batch: 7084

Compound	SPIKE ADDED (ug/Kg)	BS CONCENTRATION (ug/Kg)	BS % REC.	QC. LIMITS REC.
Phenol	6700	5000	75	40-110
2-Chlorophenol	6700	5000	75	41-113
2-Methylphenol	6700	4900	73	40-109
4-Chloro-3-methylphenol	6700	4700	70	46-107
2,4,6-Trichlorophenol	6700	4900	73	31-113
4-Nitrophenol	6700	5900	88	37-109
Pentachlorophenol	6700	5200	78	23-119
1,4-Dichlorobenzene	3300	2300	70	35-101
N-Nitroso-di-n-propylami	3300	2400	73	39-102
1,2,4-Trichlorobenzene	3300	2100	64	38-105
2-Methylnaphthalene	3300	2300	70	33-109
Acenaphthene	3300	2400	73	35-104
2,4-Dinitrotoluene	3300	2500	76	44-104
Carbazole	3300	2600	79	50-105
Pyrene	3300	2300	70	57-105
Diphenyl	3300	2200	67	38-108

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 16 outside limits

SEMI-VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8270C

Matrix: WATER

Level: LOW

Matrix Spike - Lab Sample No.: 910973

MS Sample from Lab Job No: S896

QA Batch: 6045

Compound	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Phenol	200	0.00	67	34	17-45
2-Chlorophenol	200	0.00	150	75	58-98
2-Methylphenol	200	0.00	130	65	50-86
4-Chloro-3-methylphenol	200	0.00	160	80	59-107
2,4,6-Trichlorophenol	200	0.00	200	100	65-117
4-Nitrophenol	200	0.00	72	36	0-111
Pentachlorophenol	200	0.00	200	100	72-122
1,4-Dichlorobenzene	100	0.00	75	75	44-108
N-Nitroso-di-n-propylami	100	0.00	92	92	56-120
1,2,4-Trichlorobenzene	100	0.00	77	77	51-104
2-Methylnaphthalene	100	0.00	88	88	57-110
Acenaphthene	100	0.00	86	86	66-117
2,4-Dinitrotoluene	100	0.00	97	97	70-117
Carbazole	100	0.00	98	98	65-106
Pyrene	100	0.00	99	99	66-115
Diphenyl	100	0.00	92	92	67-112

Compound	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	200	56	28	18	40	17-45
2-Chlorophenol	200	140	70	7	40	58-98
2-Methylphenol	200	120	60	8	40	50-86
4-Chloro-3-methylphenol	200	140	70	13	40	59-107
2,4,6-Trichlorophenol	200	210	105	5	40	65-117
4-Nitrophenol	200	61	30	17	40	0-111
Pentachlorophenol	200	200	100	0	40	72-122
1,4-Dichlorobenzene	100	73	73	3	40	44-108
N-Nitroso-di-n-propylami	100	86	86	7	40	56-120
1,2,4-Trichlorobenzene	100	74	74	4	40	51-104
2-Methylnaphthalene	100	88	88	0	40	57-110
Acenaphthene	100	85	85	1	40	66-117
2,4-Dinitrotoluene	100	97	97	0	40	70-117
Carbazole	100	93	93	5	40	65-106
Pyrene	100	98	98	1	40	66-115
Diphenyl	100	93	93	1	40	67-112

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 0 out of 16 outside limits
Spike Recovery: 0 out of 32 outside limits

COMMENTS: _____

SEMI-VOLATILE BLANK SPIKE RECOVERY
METHOD 8270C

QA Batch: 6045

Compound	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC.	QC. LIMITS REC.
Phenol	200	61	30	17-45
2-Chlorophenol	200	160	80	58-98
2-Methylphenol	200	130	65	50-86
4-Chloro-3-methylphenol	200	170	85	59-107
2,4,6-Trichlorophenol	200	180	90	65-117
4-Nitrophenol	200	73	36	0-111
Pentachlorophenol	200	180	90	72-122
1,4-Dichlorobenzene	100	67	67	44-108
N-Nitroso-di-n-propylami	100	81	81	56-120
1,2,4-Trichlorobenzene	100	67	67	51-104
2-Methylnaphthalene	100	81	81	57-110
Acenaphthene	100	84	84	66-117
2,4-Dinitrotoluene	100	92	92	70-117
Carbazole	100	88	88	65-106
Pyrene	100	91	91	66-115
Diphenyl	100	84	84	67-112

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 16 outside limits

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): U43989 Date Analyzed: 04/09/08

Instrument ID: BNAMS4 Time Analyzed: 1128

		IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(CRY) AREA	#	RT	#
	12 HOUR STD	109341		5.92		444192		7.26		587655		13.42	
	UPPER LIMIT	218682		6.42		888384		7.76		1175310		13.92	
	LOWER LIMIT	54670		5.42		222096		6.76		293828		12.92	
	LABORATORY SAMPLE NO.												
01	908703	126667		5.92		530437		7.26		713800		13.42	
02	908696	138790		5.93		558079		7.26		646940		13.42	
03	908701	144889		5.93		540239		7.26		545637		13.45	
04	908708	144408		5.92		583869		7.26		574644		13.42	
05	908709	125901		5.93		514703		7.26		576308		13.43	
06	908698	123424		5.93		535087		7.26		575942		13.43	
07													
08													
09													
10													
11													
12													
13													
14													
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16													
17													
18													
19													
20													
21													
22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (CRY) = Chrysene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): U43989 Date Analyzed: 04/09/08

Instrument ID: BNAMS4 Time Analyzed: 1128

		IS4(ANT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	12 HOUR STD	299199		9.07		560737		10.56		551317		15.45	
	UPPER LIMIT	598398		9.57		1121474		11.06		1102634		15.95	
	LOWER LIMIT	149600		8.57		280368		10.06		275658		14.95	
	LABORATORY SAMPLE NO.												
01	908703	323238		9.07		595555		10.56		591832		15.45	
02	908696	340296		9.07		553587		10.57		528797		15.46	
03	908701	359293		9.07		597761		10.56		327398		15.47	
04	908708	368166		9.07		590584		10.57		276469		15.46	
05	908709	344419		9.07		513191		10.56		300439		15.46	
06	908698	337647		9.07		552900		10.57		310119		15.46	
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS4 (ANT) = Acenaphthene-d10
IS5 (PHN) = Phenanthrene-d10
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): U44014 Date Analyzed: 04/10/08

Instrument ID: BNAMS4 Time Analyzed: 0949

		IS1 (DCB) AREA	#	RT	#	IS2 (NPT) AREA	#	RT	#	IS3 (CRY) AREA	#	RT	#
	12 HOUR STD	164944		5.90		700751		7.23		885073		13.39	
	UPPER LIMIT	329888		6.40		1401502		7.73		1770146		13.89	
	LOWER LIMIT	82472		5.40		350376		6.73		442536		12.89	
	LABORATORY SAMPLE NO.												
01	908689R1	183188		5.89		674852		7.22		433536	*	13.42	
02													
03													
04													
05													
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (CRY) = Chrysene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): U44014 Date Analyzed: 04/10/08

Instrument ID: BNAMS4 Time Analyzed: 0949

		IS4(ANT) AREA #	RT #	IS5(PHN) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	480755	9.04	788555	10.53	776593	15.40
	UPPER LIMIT	961510	9.54	1577110	11.03	1553186	15.90
	LOWER LIMIT	240378	8.54	394278	10.03	388296	14.90
	LABORATORY SAMPLE NO.						
01	908689R1	417261	9.03	680876	10.53	140519*	15.39
02							
03							
04							
05							
06							
07							
08							
09							
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16							
17							
18							
19							
20							
21							
22							

IS4 (ANT) = Acenaphthene-d10
IS5 (PHN) = Phenanthrene-d10
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): M34052 Date Analyzed: 04/07/08

Instrument ID: BNAMS6 Time Analyzed: 1603

		IS1 (DCB) AREA	#	RT	#	IS2 (NPT) AREA	#	RT	#	IS3 (CRY) AREA	#	RT	#
	12 HOUR STD	198837		6.05		743145		7.38		871674		13.63	
	UPPER LIMIT	397674		6.55		1486290		7.88		1743348		14.13	
	LOWER LIMIT	99418		5.55		371572		6.88		435837		13.13	
	LABORATORY SAMPLE NO.												
01	7084BS	192956		6.04		810715		7.38		1036298		13.63	
02	SB091	173789		6.04		702797		7.38		846291		13.61	
03	908690	214230		6.04		825484		7.38		963251		13.62	
04	908690MS	190882		6.04		803002		7.38		918193		13.62	
05	908690MSD	211480		6.04		816904		7.38		946890		13.63	
06	908691	206836		6.04		835649		7.38		949032		13.62	
07	908692	210853		6.04		861715		7.38		975902		13.65	
08	908693	213921		6.04		878318		7.38		968104		13.66	
09	908694	249893		6.04		951405		7.38		930390		13.67	
10	908695	206102		6.04		770060		7.38		919134		13.65	
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (CRY) = Chrysene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): M34052 Date Analyzed: 04/07/08

Instrument ID: BNAMS6 Time Analyzed: 1603

		IS4(ANT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	12 HOUR STD	458680		9.20		754656		10.71		743877		15.76	
	UPPER LIMIT	917360		9.70		1509312		11.21		1487754		16.26	
	LOWER LIMIT	229340		8.70		377328		10.21		371938		15.26	
	LABORATORY SAMPLE NO.												
01	7084BS	521896		9.21		855502		10.71		921292		15.75	
02	SB091	450162		9.20		726763		10.70		810983		15.74	
03	908690	522616		9.20		829766		10.70		785390		15.75	
04	908690MS	513491		9.20		833779		10.71		783875		15.76	
05	908690MSD	525894		9.20		847458		10.71		755433		15.75	
06	908691	532550		9.20		890967		10.70		768496		15.75	
07	908692	544465		9.20		891104		10.70		597182		15.76	
08	908693	530338		9.20		943231		10.71		511493		15.76	
09	908694	608696		9.20		995813		10.70		429684		15.76	
10	908695	549990		9.20		887907		10.70		471591		15.76	
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IS4 (ANT) = Acenaphthene-d10
IS5 (PHN) = Phenanthrene-d10
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): M34087 Date Analyzed: 04/08/08

Instrument ID: BNAMS6 Time Analyzed: 1025

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (CRY) AREA #	RT #
	12 HOUR STD	243900	5.89	981492	7.23	1157181	13.43
	UPPER LIMIT	487800	6.39	1962984	7.73	2314362	13.93
	LOWER LIMIT	121950	5.39	490746	6.73	578590	12.93
	LABORATORY SAMPLE NO.						
01	908697	247905	5.90	1023005	7.23	1265165	13.43
02	908704	374664	5.89	1497334	7.23	1716516	13.45
03	908705	249723	5.89	1020578	7.23	1264608	13.43
04	908706	239526	5.89	1069952	7.22	1201523	13.43
05	908699	241070	5.89	1001843	7.22	1202770	13.42
06	908702	262361	5.89	1124949	7.22	1227673	13.44
07	908707	271918	5.89	1069933	7.23	1230046	13.43
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (CRY) = Chrysene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): M34087 Date Analyzed: 04/08/08

Instrument ID: BNAMS6 Time Analyzed: 1025

		IS4(ANT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	12 HOUR STD	625572		9.05		1000880		10.55		1030401		15.49	
	UPPER LIMIT	1251144		9.55		2001760		11.05		2060802		15.99	
	LOWER LIMIT	312786		8.55		500440		10.05		515200		14.99	
	LABORATORY SAMPLE NO.												
01	908697	714490		9.05		1167322		10.55		1092467		15.49	
02	908704	1023469		9.05		1651007		10.54		794302		15.50	
03	908705	706887		9.04		1153108		10.54		971769		15.49	
04	908706	673837		9.05		1128714		10.54		882827		15.49	
05	908699	660087		9.04		1067139		10.54		937730		15.48	
06	908702	782510		9.05		1225229		10.55		562569		15.48	
07	908707	732244		9.05		1222370		10.55		658984		15.49	
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IS4 (ANT) = Acenaphthene-d10
IS5 (PHN) = Phenanthrene-d10
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): M34131 Date Analyzed: 04/10/08

Instrument ID: BNAMS6 Time Analyzed: 0829

		IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(CRY) AREA	#	RT	#
	12 HOUR STD	153113		6.08		603801		7.42		650148		13.66	
	UPPER LIMIT	306226		6.58		1207602		7.92		1300296		14.16	
	LOWER LIMIT	76556		5.58		301900		6.92		325074		13.16	
	LABORATORY SAMPLE NO.												
01	908689	160081		6.09		653955		7.42		503706		13.70	
02													
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (CRY) = Chrysene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

page 1 of 1

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): M34131 Date Analyzed: 04/10/08

Instrument ID: BNAMS6 Time Analyzed: 0829

		IS4(ANT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	12 HOUR STD	373714		9.24		584051		10.73		593303		15.79	
	UPPER LIMIT	747428		9.74		1168102		11.23		1186606		16.29	
	LOWER LIMIT	186857		8.74		292026		10.23		296652		15.29	
	LABORATORY SAMPLE NO.												
01	908689	405903		9.24		672694		10.73		151155	*	15.79	
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IS4 (ANT) = Acenaphthene-d10
IS5 (PHN) = Phenanthrene-d10
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): AA3203 Date Analyzed: 04/08/08

Instrument ID: BNAMS8 Time Analyzed: 0833

		IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(CRY) AREA	#	RT	#
	12 HOUR STD	256266		5.62		1042668		6.96		1146644		13.11	
	UPPER LIMIT	512532		6.12		2085336		7.46		2293288		13.61	
	LOWER LIMIT	128133		5.12		521334		6.46		573322		12.61	
	LABORATORY SAMPLE NO.												
01	WB098R	290454		5.62		1212152		6.96		1298717		13.10	
02	908700	235244		5.62		995988		6.95		1132860		13.09	
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (CRY) = Chrysene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): AA3203 Date Analyzed: 04/08/08

Instrument ID: BNAMS8 Time Analyzed: 0833

		IS4(ANT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	12 HOUR STD	612283		8.79		1026806		10.28		1031657		15.06	
	UPPER LIMIT	1224566		9.29		2053612		10.78		2063314		15.56	
	LOWER LIMIT	306142		8.29		513403		9.78		515828		14.56	
	LABORATORY SAMPLE NO.												
01	WB098R	719063		8.78		1220221		10.28		1165425		15.06	
02	908700	607559		8.78		1031980		10.28		989144		15.04	
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IS4 (ANT) = Acenaphthene-d10
IS5 (PHN) = Phenanthrene-d10
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): AA3203 Date Analyzed: 04/08/08

Instrument ID: BNAMS8 Time Analyzed: 0833

		IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(CRY) AREA	#	RT	#
	12 HOUR STD	256266		5.62		1042668		6.96		1146644		13.11	
	UPPER LIMIT	512532		6.12		2085336		7.46		2293288		13.61	
	LOWER LIMIT	128133		5.12		521334		6.46		573322		12.61	
	LABORATORY SAMPLE NO.												
01	6045BS	260756		5.62		1067948		6.96		1231918		13.10	
02	910973	199973		5.62		824886		6.95		900661		13.09	
03	910973MSD	274031		5.62		1139734		6.96		1271605		13.10	
04	910973MS	276422		5.62		1144374		6.96		1267206		13.10	
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22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (CRY) = Chrysene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

page 1 of 1

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): AA3203 Date Analyzed: 04/08/08

Instrument ID: BNAMS8 Time Analyzed: 0833

		IS4(ANT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	12 HOUR STD	612283		8.79		1026806		10.28		1031657		15.06	
	UPPER LIMIT	1224566		9.29		2053612		10.78		2063314		15.56	
	LOWER LIMIT	306142		8.29		513403		9.78		515828		14.56	
	LABORATORY SAMPLE NO.												
01	6045BS	630294		8.78		1099382		10.28		1127041		15.05	
02	910973	488941		8.78		834406		10.27		778716		15.04	
03	910973MSD	669306		8.78		1163537		10.28		1152037		15.06	
04	910973MS	678718		8.78		1124042		10.28		1139142		15.06	
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22													

IS4 (ANT) = Acenaphthene-d10
IS5 (PHN) = Phenanthrene-d10
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

GC ORGANICS SURROGATE RECOVERY

Matrix: SOIL Level: LOW Lab Job No: S478

	LABORATORY SAMPLE NO.	S1 1 %REC #	S1 2 %REC #	TOT OUT
01	6792BS	109		0
02	SP091	148	143	0
03	908702	0D	0D	0
04	908704	0D	0D	0
05	908689	0D	0D	0
06	908689MS	0D		0
07	908689MSD	0D		0
08	908691	0D	0D	0
09	908692	0D	0D	0
10	908693	0D	0D	0
11	908694	0D	0D	0
12	908695	0D	0D	0
13	908696	0D	0D	0
14	908697	0D	0D	0
15	908701	0D	0D	0
16	908703	0D	0D	0
17	908706	0D	0D	0
18	908707	145	198	0
19	908708	164	210	0
20	908709	132	96	0
21	908690	0D	0D	0
22	908698	0D	0D	0
23	908699	143	104	0
24	908705	0D	0D	0
25				
26				
27				
28				
29				
30				

ADVISORY
QC LIMITS

S1 = Decachlorobiphenyl(sur (48-149)

Column to be used to flag recovery values
* Values outside of advisory QC limits
D Surrogate diluted out
R Surrogate removed during H2SO4 cleanup procedure
** Not detected due to coeluting interference

GC ORGANICS SURROGATE RECOVERY

Matrix: WATER Level: LOW Lab Job No: S478

	LABORATORY SAMPLE NO.	S1 1 %REC	#	S1 2 %REC	#	TOT OUT
01	WP098S	111				0
02	908700	54				0
03	6822BS	93				0
04						
05						
06						
07						
08						
09						
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ADVISORY
QC LIMITS

S1 = Decachlorobiphenyl(sur (32-136)

Column to be used to flag recovery values
* Values outside of advisory QC limits
D Surrogate diluted out
R Surrogate removed during H2SO4 cleanup procedure
** Not detected due to coeluting interference

GC BLANK SPIKE RECOVERY
METHOD 8082

QA Batch: 6792

Compound	SPIKE ADDED (ug/kg)	BS CONCENTRATION (ug/kg)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	330	370	112	67-159
Aroclor-1260	330	350	106	58-151

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 2 outside limits

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8082

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 908689

MS Sample from Lab Job No: S478

QA Batch: 6792

Compound	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	420	0.00	720000	D	67-159
Aroclor-1260	420	0.00	15000000	D	58-151

Compound	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	420	610000	D	N/A	30	67-159
Aroclor-1260	420	15000000	D	N/A	30	58-151

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
D Diluted out
RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 4 outside limits

COMMENTS: _____

GC BLANK SPIKE RECOVERY
METHOD 8082

QA Batch: 6822

Compound	SPIKE ADDED (ug/L)	BS CONCENTRATION (ug/L)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	5.0	5.7	114	67-120
Aroclor-1260	5.0	5.8	116	47-146

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 2 outside limits

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8082

Matrix: WATER

Level: LOW

Matrix Spike - Lab Sample No.: 910972

MS Sample from Lab Job No: S895

QA Batch: 6822

Compound	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	5.0	0.00	5.4	108	67-120
Aroclor-1260	5.0	0.00	5.7	114	47-146

Compound	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	5.0	5.4	108	0	30	67-120
Aroclor-1260	5.0	5.6	112	2	30	47-146

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 4 outside limits

COMMENTS: _____

GC ORGANICS SURROGATE RECOVERY

Matrix: WATER Level: LOW Lab Job No: QA6822

	LABORATORY SAMPLE NO.	S1 1 %REC	#	S1 2 %REC	#	TOT OUT
01	910972	109				0
02	910972MS	97				0
03	910972MSD	93				0
04	6822BS	93				0
05						
06						
07						
08						
09						
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30						

		ADVISORY QC LIMITS
S1	= Decachlorobiphenyl(sur	(32-136)

Column to be used to flag recovery values
* Values outside of advisory QC limits
D Surrogate diluted out
R Surrogate removed during H2SO4 cleanup procedure
** Not detected due to coeluting interference

Analytical Results Summary

Client ID: **032508-1645**
Site: BP Hastings

Lab Sample No: **908689**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/10/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34148.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 5.0
% Moisture: 20

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	2100
2-Chlorophenol	ND	2100
2-Methylphenol	ND	2100
4-Methylphenol	ND	2100
2-Nitrophenol	ND	2100
2,4-Dimethylphenol	ND	2100
2,4-Dichlorophenol	ND	2100
4-Chloro-3-methylphenol	ND	2100
2,4,6-Trichlorophenol	ND	2100
2,4,5-Trichlorophenol	ND	2100
2,4-Dinitrophenol	ND	6200
4-Nitrophenol	ND	6200
4,6-Dinitro-2-methylphenol	ND	6200
Pentachlorophenol	ND	6200

Client ID: **032508-1645**
Site: BP Hastings

Lab Sample No: **908689**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/10/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34148.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 5.0
% Moisture: 20

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	210
1,3-Dichlorobenzene	ND	2100
1,4-Dichlorobenzene	ND	2100
1,2-Dichlorobenzene	ND	2100
bis(2-chloroisopropyl)ether	ND	2100
N-Nitroso-di-n-propylamine	ND	210
Hexachloroethane	ND	210
Nitrobenzene	ND	210
Isophorone	ND	2100
bis(2-Chloroethoxy)methane	ND	2100
1,2,4-Trichlorobenzene	ND	210
Naphthalene	120 J	2100
4-Chloroaniline	ND	2100
Hexachlorobutadiene	ND	420
2-Methylnaphthalene	170 J	2100
Hexachlorocyclopentadiene	ND	2100
2-Chloronaphthalene	190 J	2100
2-Nitroaniline	ND	4200
Dimethylphthalate	ND	2100
Acenaphthylene	ND	2100
2,6-Dinitrotoluene	ND	420
3-Nitroaniline	ND	4200
Acenaphthene	ND	2100
Dibenzofuran	ND	2100
2,4-Dinitrotoluene	ND	420
Diethylphthalate	ND	2100
4-Chlorophenyl-phenylether	ND	2100
Fluorene	48 J	2100
4-Nitroaniline	ND	4200
N-Nitrosodiphenylamine	ND	2100
4-Bromophenyl-phenylether	ND	2100
Hexachlorobenzene	ND	210
Phenanthrene	200 J	2100
Anthracene	67 J	2100

Client ID: **032508-1645**
Site: BP Hastings

Lab Sample No: **908689**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/10/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34148.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 5.0
% Moisture: 20

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	2100
Di-n-butylphthalate	ND	2100
Fluoranthene	380 J	2100
Pyrene	710 J	2100
Butylbenzylphthalate	ND	2100
3,3'-Dichlorobenzidine	ND	4200
Benzo(a)anthracene	ND	210
Chrysene	ND	2100
bis(2-Ethylhexyl)phthalate	4100	2100
Di-n-octylphthalate	2400	2100
Benzo(b)fluoranthene	ND	210
Benzo(k)fluoranthene	ND	210
Benzo(a)pyrene	290	210
Indeno(1,2,3-cd)pyrene	ND	210
Dibenz(a,h)anthracene	ND	210
Benzo(g,h,i)perylene	ND	2100

Client ID: **032508-1645**
Site: BP Hastings

Lab Sample No: **908689**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/10/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34148.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 5.0
% Moisture: 19.7

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Tetrachloromethylnaphthalene isomer	11.28	44000	
2.	Pentachloro-1,1'-biphenyl isomer	12.06	66000	
3.	Pentachloro-1,1'-biphenyl isomer	12.39	18000	
4.	Hexachloro-1,1'-biphenyl isomer	12.49	15000	
5.	Unknown	12.58	13000	
6.	Hexachloro-1,1'-biphenyl isomer	12.61	19000	
7.	Hexachloro-1,1'-biphenyl isomer	12.82	25000	
8.	Heptachloro-1,1'-biphenyl isomer	12.98	14000	
9.	Hexachloro-1,1'-biphenyl isomer	13.08	16000	
10.	Heptachloro-1,1'-biphenyl isomer	13.23	14000	
11.	Heptachloro-1,1'-biphenyl isomer	13.30	8600	
12.	Heptachloro-1,1'-biphenyl isomer	13.49	21000	
13.	Heptachloro-1,1'-biphenyl isomer	13.54	13000	
14.	Octachloro-1,1'-biphenyl isomer	13.63	9000	
15.	Heptachloro-1,1'-biphenyl isomer	14.04	16000	
16.	Octachloro-1,1'-biphenyl isomer	14.14	24000	
17.	Unknown	14.21	23000	
18.	Octachloro-1,1'-biphenyl isomer	14.53	8300	
19.	Octachloro-1,1'-biphenyl isomer	14.73	19000	
20.	Nonachloro-1,1'-biphenyl isomer	15.16	240000	
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 625900

Client ID: **032508-1710**
Site: BP Hastings

Lab Sample No: **908690**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34058.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 14

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	390
2-Chlorophenol	ND	390
2-Methylphenol	ND	390
4-Methylphenol	ND	390
2-Nitrophenol	ND	390
2,4-Dimethylphenol	ND	390
2,4-Dichlorophenol	ND	390
4-Chloro-3-methylphenol	ND	390
2,4,6-Trichlorophenol	ND	390
2,4,5-Trichlorophenol	ND	390
2,4-Dinitrophenol	ND	1200
4-Nitrophenol	ND	1200
4,6-Dinitro-2-methylphenol	ND	1200
Pentachlorophenol	ND	1200

Client ID: **032508-1710**
Site: BP Hastings

Lab Sample No: **908690**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34058.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 14

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	39
1,3-Dichlorobenzene	ND	390
1,4-Dichlorobenzene	ND	390
1,2-Dichlorobenzene	ND	390
bis(2-chloroisopropyl)ether	ND	390
N-Nitroso-di-n-propylamine	ND	39
Hexachloroethane	ND	39
Nitrobenzene	ND	39
Isophorone	ND	390
bis(2-Chloroethoxy)methane	ND	390
1,2,4-Trichlorobenzene	ND	39
Naphthalene	65 J	390
4-Chloroaniline	ND	390
Hexachlorobutadiene	ND	77
2-Methylnaphthalene	31 J	390
Hexachlorocyclopentadiene	ND	390
2-Chloronaphthalene	ND	390
2-Nitroaniline	ND	770
Dimethylphthalate	ND	390
Acenaphthylene	ND	390
2,6-Dinitrotoluene	ND	77
3-Nitroaniline	ND	770
Acenaphthene	120 J	390
Dibenzofuran	89 J	390
2,4-Dinitrotoluene	ND	77
Diethylphthalate	ND	390
4-Chlorophenyl-phenylether	ND	390
Fluorene	160 J	390
4-Nitroaniline	ND	770
N-Nitrosodiphenylamine	ND	390
4-Bromophenyl-phenylether	ND	390
Hexachlorobenzene	ND	39
Phenanthrene	1100	390
Anthracene	290 J	390

Client ID: **032508-1710**
Site: BP Hastings

Lab Sample No: **908690**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34058.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 14

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	130 J	390
Di-n-butylphthalate	ND	390
Fluoranthene	1100	390
Pyrene	840	390
Butylbenzylphthalate	ND	390
3,3'-Dichlorobenzidine	ND	770
Benzo(a)anthracene	380	39
Chrysene	400	390
bis(2-Ethylhexyl)phthalate	ND	390
Di-n-octylphthalate	ND	390
Benzo(b)fluoranthene	280	39
Benzo(k)fluoranthene	280	39
Benzo(a)pyrene	330	39
Indeno(1,2,3-cd)pyrene	190	39
Dibenz(a,h)anthracene	60	39
Benzo(g,h,i)perylene	220 J	390

Client ID: **032508-1710**
Site: BP Hastings

Lab Sample No: **908690**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34058.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 13.9

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Heptachloro-1,1'-biphenyl isomer	13.15	360	
2.	Octachloro-1,1'-biphenyl isomer	14.10	340	
3.				
4.				
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TOTAL ESTIMATED CONCENTRATION	700

Client ID: **032508-1720**
Site: BP Hastings

Lab Sample No: **908691**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34061.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 22

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	430
2-Chlorophenol	ND	430
2-Methylphenol	ND	430
4-Methylphenol	15 J	430
2-Nitrophenol	ND	430
2,4-Dimethylphenol	ND	430
2,4-Dichlorophenol	ND	430
4-Chloro-3-methylphenol	ND	430
2,4,6-Trichlorophenol	ND	430
2,4,5-Trichlorophenol	ND	430
2,4-Dinitrophenol	ND	1300
4-Nitrophenol	ND	1300
4,6-Dinitro-2-methylphenol	ND	1300
Pentachlorophenol	ND	1300

Client ID: **032508-1720**
Site: BP Hastings

Lab Sample No: **908691**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34061.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 22

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	43
1,3-Dichlorobenzene	ND	430
1,4-Dichlorobenzene	ND	430
1,2-Dichlorobenzene	ND	430
bis(2-chloroisopropyl)ether	ND	430
N-Nitroso-di-n-propylamine	ND	43
Hexachloroethane	ND	43
Nitrobenzene	ND	43
Isophorone	ND	430
bis(2-Chloroethoxy)methane	ND	430
1,2,4-Trichlorobenzene	ND	43
Naphthalene	33 J	430
4-Chloroaniline	ND	430
Hexachlorobutadiene	ND	86
2-Methylnaphthalene	ND	430
Hexachlorocyclopentadiene	ND	430
2-Chloronaphthalene	ND	430
2-Nitroaniline	ND	860
Dimethylphthalate	ND	430
Acenaphthylene	ND	430
2,6-Dinitrotoluene	ND	86
3-Nitroaniline	ND	860
Acenaphthene	ND	430
Dibenzofuran	12 J	430
2,4-Dinitrotoluene	ND	86
Diethylphthalate	ND	430
4-Chlorophenyl-phenylether	ND	430
Fluorene	14 J	430
4-Nitroaniline	ND	860
N-Nitrosodiphenylamine	ND	430
4-Bromophenyl-phenylether	ND	430
Hexachlorobenzene	ND	43
Phenanthrene	210 J	430
Anthracene	55 J	430

Client ID: **032508-1720**
Site: BP Hastings

Lab Sample No: **908691**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34061.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 22

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	19 J	430
Di-n-butylphthalate	ND	430
Fluoranthene	320 J	430
Pyrene	280 J	430
Butylbenzylphthalate	ND	430
3,3'-Dichlorobenzidine	ND	860
Benzo(a)anthracene	180	43
Chrysene	180 J	430
bis(2-Ethylhexyl)phthalate	ND	430
Di-n-octylphthalate	ND	430
Benzo(b)fluoranthene	120	43
Benzo(k)fluoranthene	150	43
Benzo(a)pyrene	160	43
Indeno(1,2,3-cd)pyrene	92	43
Dibenz(a,h)anthracene	30 J	43
Benzo(g,h,i)perylene	100 J	430

Client ID: **032508-1720**
Site: BP Hastings

Lab Sample No: **908691**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34061.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 22.2

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Heptachloro-1,1'-biphenyl isomer	13.15	430	
2.	Octachloro-1,1'-biphenyl isomer	14.10	360	
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4.				
5.				
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TOTAL ESTIMATED CONCENTRATION	790

Client ID: **032508-1725**
Site: BP Hastings

Lab Sample No: **908692**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34062.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 25

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	880
2-Chlorophenol	ND	880
2-Methylphenol	ND	880
4-Methylphenol	ND	880
2-Nitrophenol	ND	880
2,4-Dimethylphenol	ND	880
2,4-Dichlorophenol	ND	880
4-Chloro-3-methylphenol	ND	880
2,4,6-Trichlorophenol	ND	880
2,4,5-Trichlorophenol	ND	880
2,4-Dinitrophenol	ND	2600
4-Nitrophenol	ND	2600
4,6-Dinitro-2-methylphenol	ND	2600
Pentachlorophenol	ND	2600

Client ID: **032508-1725**
Site: BP Hastings

Lab Sample No: **908692**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34062.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 25

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	88
1,3-Dichlorobenzene	ND	880
1,4-Dichlorobenzene	ND	880
1,2-Dichlorobenzene	ND	880
bis(2-chloroisopropyl)ether	ND	880
N-Nitroso-di-n-propylamine	ND	88
Hexachloroethane	ND	88
Nitrobenzene	ND	88
Isophorone	ND	880
bis(2-Chloroethoxy)methane	ND	880
1,2,4-Trichlorobenzene	ND	88
Naphthalene	72 J	880
4-Chloroaniline	ND	880
Hexachlorobutadiene	ND	180
2-Methylnaphthalene	ND	880
Hexachlorocyclopentadiene	ND	880
2-Chloronaphthalene	180 J	880
2-Nitroaniline	ND	1800
Dimethylphthalate	ND	880
Acenaphthylene	ND	880
2,6-Dinitrotoluene	ND	180
3-Nitroaniline	ND	1800
Acenaphthene	ND	880
Dibenzofuran	ND	880
2,4-Dinitrotoluene	ND	180
Diethylphthalate	ND	880
4-Chlorophenyl-phenylether	ND	880
Fluorene	21 J	880
4-Nitroaniline	ND	1800
N-Nitrosodiphenylamine	ND	880
4-Bromophenyl-phenylether	ND	880
Hexachlorobenzene	ND	88
Phenanthrene	140 J	880
Anthracene	42 J	880

Client ID: **032508-1725**
Site: BP Hastings

Lab Sample No: **908692**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34062.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 25

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	880
Di-n-butylphthalate	ND	880
Fluoranthene	240 J	880
Pyrene	250 J	880
Butylbenzylphthalate	ND	880
3,3'-Dichlorobenzidine	ND	1800
Benzo(a)anthracene	ND	88
Chrysene	ND	880
bis(2-Ethylhexyl)phthalate	300 J	880
Di-n-octylphthalate	ND	880
Benzo(b)fluoranthene	ND	88
Benzo(k)fluoranthene	ND	88
Benzo(a)pyrene	140	88
Indeno(1,2,3-cd)pyrene	49 J	88
Dibenz(a,h)anthracene	ND	88
Benzo(g,h,i)perylene	50 J	880

Client ID: **032508-1725**
Site: BP Hastings

Lab Sample No: **908692**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34062.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 24.6

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Trichloro-1,1-biphenyl isomer	10.45	15000	
2.	Hexachloro-1,1'-biphenyl isomer	12.34	20000	
3.	Hexachloro-1,1'-biphenyl isomer	12.45	17000	
4.	Hexachloro-1,1'-biphenyl isomer	12.56	38000	
5.	Hexachloro-1,1'-biphenyl isomer	12.76	43000	
6.	Heptachloro-1,1'-biphenyl isomer	12.93	26000	
7.	Hexachloro-1,1'-biphenyl isomer	13.02	15000	
8.	Heptachloro-1,1'-biphenyl isomer	13.20	67000	
9.	Unknown	13.23	39000	
10.	Heptachloro-1,1'-biphenyl isomer	13.43	49000	
11.	Heptachloro-1,1'-biphenyl isomer	13.49	24000	
12.	Octachloro-1,1'-biphenyl isomer	13.51	42000	
13.	Octachloro-1,1'-biphenyl isomer	13.58	21000	
14.	Heptachloro-1,1'-biphenyl isomer	13.69	110000	
15.	Heptachloro-1,1'-biphenyl isomer	14.00	29000	
16.	Octachloro-1,1'-biphenyl isomer	14.09	85000	
17.	Octachloro-1,1'-biphenyl isomer	14.16	82000	
18.	Octachloro-1,1'-biphenyl isomer	14.49	22000	
19.	Octachloro-1,1'-biphenyl isomer	14.69	69000	
20.	Nonylchloro-1,1-biphenyl isomer	15.13	59000	
21.				
22.				
23.				
24.				
25.				
26.				
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TOTAL ESTIMATED CONCENTRATION: 872000

Client ID: **032508-1730**
Site: BP Hastings

Lab Sample No: **908693**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34063.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 35

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	1000
2-Chlorophenol	ND	1000
2-Methylphenol	ND	1000
4-Methylphenol	ND	1000
2-Nitrophenol	ND	1000
2,4-Dimethylphenol	ND	1000
2,4-Dichlorophenol	ND	1000
4-Chloro-3-methylphenol	ND	1000
2,4,6-Trichlorophenol	ND	1000
2,4,5-Trichlorophenol	ND	1000
2,4-Dinitrophenol	ND	3100
4-Nitrophenol	ND	3100
4,6-Dinitro-2-methylphenol	ND	3100
Pentachlorophenol	ND	3100

Client ID: **032508-1730**
Site: BP Hastings

Lab Sample No: **908693**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34063.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 35

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	100
1,3-Dichlorobenzene	ND	1000
1,4-Dichlorobenzene	ND	1000
1,2-Dichlorobenzene	ND	1000
bis(2-chloroisopropyl)ether	ND	1000
N-Nitroso-di-n-propylamine	ND	100
Hexachloroethane	ND	100
Nitrobenzene	ND	100
Isophorone	ND	1000
bis(2-Chloroethoxy)methane	ND	1000
1,2,4-Trichlorobenzene	ND	100
Naphthalene	29 J	1000
4-Chloroaniline	ND	1000
Hexachlorobutadiene	ND	200
2-Methylnaphthalene	ND	1000
Hexachlorocyclopentadiene	ND	1000
2-Chloronaphthalene	260 J	1000
2-Nitroaniline	ND	2000
Dimethylphthalate	ND	1000
Acenaphthylene	ND	1000
2,6-Dinitrotoluene	ND	200
3-Nitroaniline	ND	2000
Acenaphthene	75 J	1000
Dibenzofuran	ND	1000
2,4-Dinitrotoluene	ND	200
Diethylphthalate	ND	1000
4-Chlorophenyl-phenylether	ND	1000
Fluorene	ND	1000
4-Nitroaniline	ND	2000
N-Nitrosodiphenylamine	ND	1000
4-Bromophenyl-phenylether	ND	1000
Hexachlorobenzene	ND	100
Phenanthrene	67 J	1000
Anthracene	ND	1000

Client ID: **032508-1730**
Site: BP Hastings

Lab Sample No: **908693**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34063.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 35

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	1000
Di-n-butylphthalate	ND	1000
Fluoranthene	120 J	1000
Pyrene	130 J	1000
Butylbenzylphthalate	ND	1000
3,3'-Dichlorobenzidine	ND	2000
Benzo(a)anthracene	ND	100
Chrysene	ND	1000
bis(2-Ethylhexyl)phthalate	410 J	1000
Di-n-octylphthalate	ND	1000
Benzo(b)fluoranthene	ND	100
Benzo(k)fluoranthene	ND	100
Benzo(a)pyrene	110	100
Indeno(1,2,3-cd)pyrene	ND	100
Dibenz(a,h)anthracene	ND	100
Benzo(g,h,i)perylene	ND	1000

Client ID: **032508-1730**
Site: BP Hastings

Lab Sample No: **908693**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34063.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 34.7

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Dichloro-1,1-biphenyl isomer	9.87	43000	
2.	Trichloro-1,1-biphenyl isomer	10.46	35000	
3.	Hexachloro-1,1'-biphenyl isomer	12.34	33000	
4.	Hexachloro-1,1'-biphenyl isomer	12.57	48000	
5.	Hexachloro-1,1'-biphenyl isomer	12.69	21000	
6.	Hexachloro-1,1'-biphenyl isomer	12.78	52000	
7.	Heptachloro-1,1'-biphenyl isomer	12.94	33000	
8.	Heptachloro-1,1'-biphenyl isomer	13.21	78000	
9.	Unknown	13.25	46000	
10.	Heptachloro-1,1'-biphenyl isomer	13.44	59000	
11.	Heptachloro-1,1'-biphenyl isomer	13.49	35000	
12.	Octachloro-1,1'-biphenyl isomer	13.52	58000	
13.	Heptachloro-1,1'-biphenyl isomer	13.69	89000	
14.	Unknown	13.71	50000	
15.	Heptachloro-1,1'-biphenyl isomer	14.00	42000	
16.	Octachloro-1,1'-biphenyl isomer	14.09	91000	
17.	Octachloro-1,1'-biphenyl isomer	14.17	84000	
18.	Octachloro-1,1'-biphenyl isomer	14.50	34000	
19.	Octachloro-1,1'-biphenyl isomer	14.70	95000	
20.	Nonylchloro-1,1'-biphenyl isomer	15.15	83000	
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TOTAL ESTIMATED CONCENTRATION 1109000

Client ID: **032508-1745**
Site: BP Hastings

Lab Sample No: **908694**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34064.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	1200
2-Chlorophenol	ND	1200
2-Methylphenol	ND	1200
4-Methylphenol	ND	1200
2-Nitrophenol	ND	1200
2,4-Dimethylphenol	ND	1200
2,4-Dichlorophenol	ND	1200
4-Chloro-3-methylphenol	ND	1200
2,4,6-Trichlorophenol	ND	1200
2,4,5-Trichlorophenol	ND	1200
2,4-Dinitrophenol	ND	3600
4-Nitrophenol	ND	3600
4,6-Dinitro-2-methylphenol	ND	3600
Pentachlorophenol	ND	3600

Client ID: **032508-1745**
Site: BP Hastings

Lab Sample No: **908694**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34064.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	120
1,3-Dichlorobenzene	ND	1200
1,4-Dichlorobenzene	ND	1200
1,2-Dichlorobenzene	ND	1200
bis(2-chloroisopropyl)ether	ND	1200
N-Nitroso-di-n-propylamine	ND	120
Hexachloroethane	ND	120
Nitrobenzene	ND	120
Isophorone	ND	1200
bis(2-Chloroethoxy)methane	ND	1200
1,2,4-Trichlorobenzene	ND	120
Naphthalene	210 J	1200
4-Chloroaniline	ND	1200
Hexachlorobutadiene	ND	240
2-Methylnaphthalene	110 J	1200
Hexachlorocyclopentadiene	ND	1200
2-Chloronaphthalene	470 J	1200
2-Nitroaniline	ND	2400
Dimethylphthalate	ND	1200
Acenaphthylene	58 J	1200
2,6-Dinitrotoluene	ND	240
3-Nitroaniline	ND	2400
Acenaphthene	240 J	1200
Dibenzofuran	110 J	1200
2,4-Dinitrotoluene	ND	240
Diethylphthalate	ND	1200
4-Chlorophenyl-phenylether	ND	1200
Fluorene	260 J	1200
4-Nitroaniline	ND	2400
N-Nitrosodiphenylamine	ND	1200
4-Bromophenyl-phenylether	ND	1200
Hexachlorobenzene	ND	120
Phenanthrene	2000	1200
Anthracene	450 J	1200

Client ID: **032508-1745**
Site: BP Hastings

Lab Sample No: **908694**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34064.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	170 J	1200
Di-n-butylphthalate	ND	1200
Fluoranthene	1600	1200
Pyrene	1900	1200
Butylbenzylphthalate	ND	1200
3,3'-Dichlorobenzidine	ND	2400
Benzo(a)anthracene	ND	120
Chrysene	ND	1200
bis(2-Ethylhexyl)phthalate	ND	1200
Di-n-octylphthalate	ND	1200
Benzo(b)fluoranthene	ND	120
Benzo(k)fluoranthene	ND	120
Benzo(a)pyrene	860	120
Indeno(1,2,3-cd)pyrene	170	120
Dibenz(a,h)anthracene	ND	120
Benzo(g,h,i)perylene	140 J	1200

Client ID: **032508-1745**
Site: BP Hastings

Lab Sample No: **908694**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34064.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Trichloro-1,1-biphenyl isomer	10.46	29000	
2.	Tetrachloro-1,1-biphenyl isomer	11.32	28000	
3.	Hexachloro-1,1'-biphenyl isomer	12.35	38000	
4.	Hexachloro-1,1'-biphenyl isomer	12.58	55000	
5.	Hexachloro-1,1'-biphenyl isomer	12.70	28000	
6.	Hexachloro-1,1'-biphenyl isomer	12.79	58000	
7.	Heptachloro-1,1'-biphenyl isomer	12.95	37000	
8.	Heptachloro-1,1'-biphenyl isomer	13.19	38000	
9.	Unknown	13.22	28000	
10.	Unknown	13.26	72000	
11.	Heptachloro-1,1'-biphenyl isomer	13.44	94000	
12.	Heptachloro-1,1'-biphenyl isomer	13.50	66000	
13.	Octachloro-1,1'-biphenyl isomer	13.52	87000	
14.	Heptachloro-1,1'-biphenyl isomer	13.69	140000	
15.	Unknown	13.72	72000	
16.	Heptachloro-1,1'-biphenyl isomer	14.01	70000	
17.	Octachloro-1,1'-biphenyl isomer	14.10	150000	
18.	Octachloro-1,1'-biphenyl isomer	14.18	130000	
19.	Octachloro-1,1'-biphenyl isomer	14.70	140000	
20.	Nonylchloro-1,1'-biphenyl isomer	15.16	130000	
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TOTAL ESTIMATED CONCENTRATION: 1490000

Client ID: **032508-1750**
Site: BP Hastings

Lab Sample No: **908695**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34067.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 35

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	510
2-Chlorophenol	ND	510
2-Methylphenol	ND	510
4-Methylphenol	22 J	510
2-Nitrophenol	ND	510
2,4-Dimethylphenol	ND	510
2,4-Dichlorophenol	ND	510
4-Chloro-3-methylphenol	ND	510
2,4,6-Trichlorophenol	ND	510
2,4,5-Trichlorophenol	ND	510
2,4-Dinitrophenol	ND	1500
4-Nitrophenol	ND	1500
4,6-Dinitro-2-methylphenol	ND	1500
Pentachlorophenol	ND	1500

Client ID: **032508-1750**
Site: BP Hastings

Lab Sample No: **908695**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34067.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 35

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	51
1,3-Dichlorobenzene	ND	510
1,4-Dichlorobenzene	ND	510
1,2-Dichlorobenzene	ND	510
bis(2-chloroisopropyl)ether	ND	510
N-Nitroso-di-n-propylamine	ND	51
Hexachloroethane	ND	51
Nitrobenzene	ND	51
Isophorone	ND	510
bis(2-Chloroethoxy)methane	ND	510
1,2,4-Trichlorobenzene	ND	51
Naphthalene	76 J	510
4-Chloroaniline	ND	510
Hexachlorobutadiene	ND	100
2-Methylnaphthalene	16 J	510
Hexachlorocyclopentadiene	ND	510
2-Chloronaphthalene	200 J	510
2-Nitroaniline	ND	1000
Dimethylphthalate	ND	510
Acenaphthylene	22 J	510
2,6-Dinitrotoluene	ND	100
3-Nitroaniline	ND	1000
Acenaphthene	64 J	510
Dibenzofuran	20 J	510
2,4-Dinitrotoluene	ND	100
Diethylphthalate	ND	510
4-Chlorophenyl-phenylether	ND	510
Fluorene	40 J	510
4-Nitroaniline	ND	1000
N-Nitrosodiphenylamine	ND	510
4-Bromophenyl-phenylether	ND	510
Hexachlorobenzene	ND	51
Phenanthrene	490 J	510
Anthracene	120 J	510

Client ID: **032508-1750**
Site: BP Hastings

Lab Sample No: **908695**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34067.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 35

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	29 J	510
Di-n-butylphthalate	ND	510
Fluoranthene	810	510
Pyrene	960	510
Butylbenzylphthalate	ND	510
3,3'-Dichlorobenzidine	ND	1000
Benzo(a)anthracene	ND	51
Chrysene	ND	510
bis(2-Ethylhexyl)phthalate	ND	510
Di-n-octylphthalate	ND	510
Benzo(b)fluoranthene	1300	51
Benzo(k)fluoranthene	420	51
Benzo(a)pyrene	520	51
Indeno(1,2,3-cd)pyrene	160	51
Dibenz(a,h)anthracene	55	51
Benzo(g,h,i)perylene	140 J	510

Client ID: **032508-1750**
Site: BP Hastings

Lab Sample No: **908695**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34067.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 34.6

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Dichloro-1,1-biphenyl isomer	9.87	12000	
2. Trichloro-1,1-biphenyl isomer	10.45	9900	
3. Hexachloro-1,1'-biphenyl isomer	12.35	11000	
4. Hexachloro-1,1'-biphenyl isomer	12.45	9400	
5. Hexachloro-1,1'-biphenyl isomer	12.57	19000	
6. Hexachloro-1,1'-biphenyl isomer	12.76	21000	
7. Heptachloro-1,1'-biphenyl isomer	12.93	13000	
8. Hexachloro-1,1'-biphenyl isomer	13.03	8400	
9. Heptachloro-1,1'-biphenyl isomer	13.18	20000	
10. Heptachloro-1,1'-biphenyl isomer	13.20	17000	
11. Heptachloro-1,1'-biphenyl isomer	13.24	31000	
12. Heptachloro-1,1'-biphenyl isomer	13.43	34000	
13. Heptachloro-1,1'-biphenyl isomer	13.48	19000	
14. Octachloro-1,1'-biphenyl isomer	13.51	29000	
15. Heptachloro-1,1'-biphenyl isomer	13.68	54000	
16. Heptachloro-1,1'-biphenyl isomer	13.70	36000	
17. Heptachloro-1,1'-biphenyl isomer	14.00	21000	
18. Octachloro-1,1'-biphenyl isomer	14.09	57000	
19. Octachloro-1,1'-biphenyl isomer	14.16	57000	
20. Octachloro-1,1'-biphenyl isomer	14.49	16000	
21. Octachloro-1,1'-biphenyl isomer	14.68	47000	
22.			
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TOTAL ESTIMATED CONCENTRATION		541700	

Client ID: **032508-1805**
Site: BP Hastings

Lab Sample No: **908696**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43998.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 45

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	1200
2-Chlorophenol	ND	1200
2-Methylphenol	ND	1200
4-Methylphenol	33 J	1200
2-Nitrophenol	ND	1200
2,4-Dimethylphenol	ND	1200
2,4-Dichlorophenol	ND	1200
4-Chloro-3-methylphenol	ND	1200
2,4,6-Trichlorophenol	ND	1200
2,4,5-Trichlorophenol	ND	1200
2,4-Dinitrophenol	ND	3600
4-Nitrophenol	ND	3600
4,6-Dinitro-2-methylphenol	ND	3600
Pentachlorophenol	ND	3600

Client ID: **032508-1805**
Site: BP Hastings

Lab Sample No: **908696**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43998.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 45

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	120
1,3-Dichlorobenzene	ND	1200
1,4-Dichlorobenzene	ND	1200
1,2-Dichlorobenzene	ND	1200
bis(2-chloroisopropyl)ether	ND	1200
N-Nitroso-di-n-propylamine	ND	120
Hexachloroethane	ND	120
Nitrobenzene	ND	120
Isophorone	ND	1200
bis(2-Chloroethoxy)methane	ND	1200
1,2,4-Trichlorobenzene	ND	120
Naphthalene	170 J	1200
4-Chloroaniline	ND	1200
Hexachlorobutadiene	ND	240
2-Methylnaphthalene	ND	1200
Hexachlorocyclopentadiene	ND	1200
2-Chloronaphthalene	65 J	1200
2-Nitroaniline	ND	2400
Dimethylphthalate	ND	1200
Acenaphthylene	ND	1200
2,6-Dinitrotoluene	ND	240
3-Nitroaniline	ND	2400
Acenaphthene	250 J	1200
Dibenzofuran	45 J	1200
2,4-Dinitrotoluene	ND	240
Diethylphthalate	ND	1200
4-Chlorophenyl-phenylether	ND	1200
Fluorene	160 J	1200
4-Nitroaniline	ND	2400
N-Nitrosodiphenylamine	ND	1200
4-Bromophenyl-phenylether	ND	1200
Hexachlorobenzene	ND	120
Phenanthrene	1900	1200
Anthracene	520 J	1200

Client ID: **032508-1805**
Site: BP Hastings

Lab Sample No: **908696**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43998.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 45

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	50 J	1200
Di-n-butylphthalate	ND	1200
Fluoranthene	1800	1200
Pyrene	1800	1200
Butylbenzylphthalate	ND	1200
3,3'-Dichlorobenzidine	ND	2400
Benzo(a)anthracene	870	120
Chrysene	970 J	1200
bis(2-Ethylhexyl)phthalate	ND	1200
Di-n-octylphthalate	ND	1200
Benzo(b)fluoranthene	810	120
Benzo(k)fluoranthene	700	120
Benzo(a)pyrene	690	120
Indeno(1,2,3-cd)pyrene	320	120
Dibenz(a,h)anthracene	150	120
Benzo(g,h,i)perylene	340 J	1200

Client ID: **032508-1805**
Site: BP Hastings

Lab Sample No: **908696**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43998.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44.6

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Dichloro-1,1-biphenyl isomer	9.73	11000	
2. Trichloro-1,1-biphenyl isomer	10.31	9100	
3. Tetrachloro-1,1-biphenyl isomer	10.98	4100	
4. Tetrachloro-1,1-biphenyl isomer	11.17	6700	
5. Unknown	11.27	5400	
6. Unknown	11.38	5800	
7. Hexadecanoic acid, butyl ester	11.78	3800	
8. Hexachloro-1,1'-biphenyl isomer	12.17	3900	
9. Phenanthrene, 1-methyl-7-(1-methylethy	12.30	4100	
10. Hexachloro-1,1'-biphenyl isomer	12.38	5800	
11. Hexachloro-1,1'-biphenyl isomer	12.51	4700	
12. Hexachloro-1,1'-biphenyl isomer	12.57	6800	
13. Heptachloro-1,1'-biphenyl isomer	12.73	4200	
14. Heptachloro-1,1'-biphenyl isomer	12.98	13000	
15. Heptachloro-1,1'-biphenyl isomer	13.02	3300	
16. Heptachloro-1,1'-biphenyl isomer	13.21	4600	
17. Octachloro-1,1'-biphenyl isomer	13.29	5100	
18. Octachloro-1,1'-biphenyl isomer	13.84	13000	
19. Octachloro-1,1'-biphenyl isomer	13.90	13000	
20. Octachloro-1,1'-biphenyl isomer	14.41	9700	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	137100

Client ID: **032608-0900**
Site: BP Hastings

Lab Sample No: **908697**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34088.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 21

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	420
2-Chlorophenol	ND	420
2-Methylphenol	ND	420
4-Methylphenol	13 J	420
2-Nitrophenol	ND	420
2,4-Dimethylphenol	ND	420
2,4-Dichlorophenol	ND	420
4-Chloro-3-methylphenol	ND	420
2,4,6-Trichlorophenol	ND	420
2,4,5-Trichlorophenol	ND	420
2,4-Dinitrophenol	ND	1300
4-Nitrophenol	ND	1300
4,6-Dinitro-2-methylphenol	ND	1300
Pentachlorophenol	ND	1300

Client ID: **032608-0900**
Site: BP Hastings

Lab Sample No: **908697**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34088.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 21

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	42
1,3-Dichlorobenzene	ND	420
1,4-Dichlorobenzene	ND	420
1,2-Dichlorobenzene	ND	420
bis(2-chloroisopropyl)ether	ND	420
N-Nitroso-di-n-propylamine	ND	42
Hexachloroethane	ND	42
Nitrobenzene	ND	42
Isophorone	ND	420
bis(2-Chloroethoxy)methane	ND	420
1,2,4-Trichlorobenzene	ND	42
Naphthalene	62 J	420
4-Chloroaniline	ND	420
Hexachlorobutadiene	ND	84
2-Methylnaphthalene	ND	420
Hexachlorocyclopentadiene	ND	420
2-Chloronaphthalene	ND	420
2-Nitroaniline	ND	840
Dimethylphthalate	ND	420
Acenaphthylene	ND	420
2,6-Dinitrotoluene	ND	84
3-Nitroaniline	ND	840
Acenaphthene	18 J	420
Dibenzofuran	8.5J	420
2,4-Dinitrotoluene	ND	84
Diethylphthalate	ND	420
4-Chlorophenyl-phenylether	ND	420
Fluorene	20 J	420
4-Nitroaniline	ND	840
N-Nitrosodiphenylamine	ND	420
4-Bromophenyl-phenylether	ND	420
Hexachlorobenzene	ND	42
Phenanthrene	180 J	420
Anthracene	47 J	420

Client ID: **032608-0900**
Site: BP Hastings

Lab Sample No: **908697**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34088.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 21

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	13 J	420
Di-n-butylphthalate	ND	420
Fluoranthene	220 J	420
Pyrene	220 J	420
Butylbenzylphthalate	ND	420
3,3'-Dichlorobenzidine	ND	840
Benzo(a)anthracene	110	42
Chrysene	130 J	420
bis(2-Ethylhexyl)phthalate	ND	420
Di-n-octylphthalate	ND	420
Benzo(b)fluoranthene	77	42
Benzo(k)fluoranthene	82	42
Benzo(a)pyrene	95	42
Indeno(1,2,3-cd)pyrene	51	42
Dibenz(a,h)anthracene	21 J	42
Benzo(g,h,i)perylene	58 J	420

Client ID: **032608-0900**
Site: BP Hastings

Lab Sample No: **908697**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34088.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 20.9

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Hexachloro-1,1'-biphenyl isomer	12.38	570	
2. Hexachloro-1,1'-biphenyl isomer	12.57	620	
3. Heptachloro-1,1'-biphenyl isomer	12.98	1200	
4. Heptachloro-1,1'-biphenyl isomer	13.03	440	
5. Heptachloro-1,1'-biphenyl isomer	13.22	520	
6. Octachloro-1,1'-biphenyl isomer	13.30	360	
7. Octachloro-1,1'-biphenyl isomer	13.85	980	
8. Octachloro-1,1'-biphenyl isomer	13.91	1100	
9. Octachloro-1,1'-biphenyl isomer	14.43	740	
10. Nonylchloro-1,1'-biphenyl isomer	14.86	600	
11.			
12.			
13.			
14.			
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TOTAL ESTIMATED CONCENTRATION		7130	

Client ID: **032608-0905**
Site: BP Hastings

Lab Sample No: **908698**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44003.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 34

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	500
2-Chlorophenol	ND	500
2-Methylphenol	ND	500
4-Methylphenol	160 J	500
2-Nitrophenol	ND	500
2,4-Dimethylphenol	ND	500
2,4-Dichlorophenol	ND	500
4-Chloro-3-methylphenol	ND	500
2,4,6-Trichlorophenol	ND	500
2,4,5-Trichlorophenol	ND	500
2,4-Dinitrophenol	ND	1500
4-Nitrophenol	ND	1500
4,6-Dinitro-2-methylphenol	ND	1500
Pentachlorophenol	ND	1500

Client ID: **032608-0905**
Site: BP Hastings

Lab Sample No: **908698**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44003.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 34

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	50
1,3-Dichlorobenzene	ND	500
1,4-Dichlorobenzene	ND	500
1,2-Dichlorobenzene	ND	500
bis(2-chloroisopropyl)ether	ND	500
N-Nitroso-di-n-propylamine	ND	50
Hexachloroethane	ND	50
Nitrobenzene	ND	50
Isophorone	ND	500
bis(2-Chloroethoxy)methane	ND	500
1,2,4-Trichlorobenzene	ND	50
Naphthalene	270 J	500
4-Chloroaniline	ND	500
Hexachlorobutadiene	ND	100
2-Methylnaphthalene	21 J	500
Hexachlorocyclopentadiene	ND	500
2-Chloronaphthalene	ND	500
2-Nitroaniline	ND	1000
Dimethylphthalate	ND	500
Acenaphthylene	ND	500
2,6-Dinitrotoluene	ND	100
3-Nitroaniline	ND	1000
Acenaphthene	98 J	500
Dibenzofuran	43 J	500
2,4-Dinitrotoluene	ND	100
Diethylphthalate	ND	500
4-Chlorophenyl-phenylether	ND	500
Fluorene	92 J	500
4-Nitroaniline	ND	1000
N-Nitrosodiphenylamine	ND	500
4-Bromophenyl-phenylether	ND	500
Hexachlorobenzene	ND	50
Phenanthrene	1200	500
Anthracene	340 J	500

Client ID: **032608-0905**
Site: BP Hastings

Lab Sample No: **908698**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44003.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 34

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	67 J	500
Di-n-butylphthalate	ND	500
Fluoranthene	1600	500
Pyrene	2000	500
Butylbenzylphthalate	ND	500
3,3'-Dichlorobenzidine	ND	1000
Benzo(a)anthracene	980	50
Chrysene	1100	500
bis(2-Ethylhexyl)phthalate	ND	500
Di-n-octylphthalate	ND	500
Benzo(b)fluoranthene	640	50
Benzo(k)fluoranthene	920	50
Benzo(a)pyrene	870	50
Indeno(1,2,3-cd)pyrene	270	50
Dibenz(a,h)anthracene	110	50
Benzo(g,h,i)perylene	250 J	500

Client ID: **032608-0905**
Site: BP Hastings

Lab Sample No: **908698**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44003.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 33.9

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Unknown	11.08	500	
2. Unknown	11.17	1600	
3. C15H10 PAH	11.20	420	
4. Unknown	11.27	2100	
5. Unknown	11.38	1600	
6. Unknown	11.48	420	
7. Phenanthrene, 1-methyl-7-(1-methylethy	12.31	1500	
8. C17H12 PAH	12.38	500	
9. C17H12 PAH	12.45	440	
10. Unknown	13.30	420	
11. Unknown Alkane	13.70	490	
12. Unknown	14.36	410	
13. Unknown Alkane	14.56	1100	
14. Unknown	14.62	2400	
15. C20H12 PAH	15.01	770	
16. C20H12 PAH	15.28	2400	
17. Unknown Alkane	15.49	940	
18. Unknown	16.43	760	
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
TOTAL ESTIMATED CONCENTRATION		18770	

Client ID: **032608-0910**
Site: BP Hastings

Lab Sample No: **908699**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34094.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 36

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	520
2-Chlorophenol	ND	520
2-Methylphenol	ND	520
4-Methylphenol	22 J	520
2-Nitrophenol	ND	520
2,4-Dimethylphenol	ND	520
2,4-Dichlorophenol	ND	520
4-Chloro-3-methylphenol	ND	520
2,4,6-Trichlorophenol	ND	520
2,4,5-Trichlorophenol	ND	520
2,4-Dinitrophenol	ND	1600
4-Nitrophenol	ND	1600
4,6-Dinitro-2-methylphenol	ND	1600
Pentachlorophenol	ND	1600

Client ID: **032608-0910**
Site: BP Hastings

Lab Sample No: **908699**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34094.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 36

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	52
1,3-Dichlorobenzene	ND	520
1,4-Dichlorobenzene	ND	520
1,2-Dichlorobenzene	ND	520
bis(2-chloroisopropyl)ether	ND	520
N-Nitroso-di-n-propylamine	ND	52
Hexachloroethane	ND	52
Nitrobenzene	ND	52
Isophorone	ND	520
bis(2-Chloroethoxy)methane	ND	520
1,2,4-Trichlorobenzene	ND	52
Naphthalene	55 J	520
4-Chloroaniline	ND	520
Hexachlorobutadiene	ND	100
2-Methylnaphthalene	ND	520
Hexachlorocyclopentadiene	ND	520
2-Chloronaphthalene	ND	520
2-Nitroaniline	ND	1000
Dimethylphthalate	ND	520
Acenaphthylene	15 J	520
2,6-Dinitrotoluene	ND	100
3-Nitroaniline	ND	1000
Acenaphthene	23 J	520
Dibenzofuran	ND	520
2,4-Dinitrotoluene	ND	100
Diethylphthalate	ND	520
4-Chlorophenyl-phenylether	ND	520
Fluorene	33 J	520
4-Nitroaniline	ND	1000
N-Nitrosodiphenylamine	ND	520
4-Bromophenyl-phenylether	ND	520
Hexachlorobenzene	ND	52
Phenanthrene	400 J	520
Anthracene	100 J	520

Client ID: **032608-0910**
Site: BP Hastings

Lab Sample No: **908699**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34094.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 36

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	18 J	520
Di-n-butylphthalate	ND	520
Fluoranthene	540	520
Pyrene	560	520
Butylbenzylphthalate	ND	520
3,3'-Dichlorobenzidine	ND	1000
Benzo(a)anthracene	280	52
Chrysene	340 J	520
bis(2-Ethylhexyl)phthalate	ND	520
Di-n-octylphthalate	ND	520
Benzo(b)fluoranthene	210	52
Benzo(k)fluoranthene	270	52
Benzo(a)pyrene	290	52
Indeno(1,2,3-cd)pyrene	120	52
Dibenz(a,h)anthracene	38 J	52
Benzo(g,h,i)perylene	140 J	520

Client ID: **032608-0910**
Site: BP Hastings

Lab Sample No: **908699**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34094.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 35.8

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
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26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **032608-1330**
Site: BP Hastings

Lab Sample No: **908700**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 04/07/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa3210.d

Matrix: WATER
Level: LOW
Sample Volume: 500 ml
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30

Client ID: **032608-1330**
Site: BP Hastings

Lab Sample No: **908700**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 04/07/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa3210.d

Matrix: WATER
Level: LOW
Sample Volume: 500 ml
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
bis(2-Chloroethyl)ether	ND	1.0
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
1,2-Dichlorobenzene	ND	10
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
1,2,4-Trichlorobenzene	ND	1.0
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10

Client ID: **032608-1330**
Site: BP Hastings

Lab Sample No: **908700**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 04/07/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa3210.d

Matrix: WATER
Level: LOW
Sample Volume: 500 ml
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10

Client ID: **032608-1330**
Site: BP Hastings

Lab Sample No: **908700**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 04/07/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa3210.d

Matrix: WATER
Level: LOW
Sample Volume: 500 ml
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
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TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **032608-1355**
Site: BP Hastings

Lab Sample No: **908701**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43999.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 5.0
% Moisture: 16

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	2000
2-Chlorophenol	ND	2000
2-Methylphenol	ND	2000
4-Methylphenol	ND	2000
2-Nitrophenol	ND	2000
2,4-Dimethylphenol	ND	2000
2,4-Dichlorophenol	ND	2000
4-Chloro-3-methylphenol	ND	2000
2,4,6-Trichlorophenol	ND	2000
2,4,5-Trichlorophenol	ND	2000
2,4-Dinitrophenol	ND	6000
4-Nitrophenol	ND	6000
4,6-Dinitro-2-methylphenol	ND	6000
Pentachlorophenol	ND	6000

Client ID: **032608-1355**
Site: BP Hastings

Lab Sample No: **908701**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43999.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 5.0
% Moisture: 16

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	200
1,3-Dichlorobenzene	ND	2000
1,4-Dichlorobenzene	ND	2000
1,2-Dichlorobenzene	ND	2000
bis(2-chloroisopropyl)ether	ND	2000
N-Nitroso-di-n-propylamine	ND	200
Hexachloroethane	ND	200
Nitrobenzene	ND	200
Isophorone	ND	2000
bis(2-Chloroethoxy)methane	ND	2000
1,2,4-Trichlorobenzene	ND	200
Naphthalene	630 J	2000
4-Chloroaniline	ND	2000
Hexachlorobutadiene	ND	400
2-Methylnaphthalene	850 J	2000
Hexachlorocyclopentadiene	ND	2000
2-Chloronaphthalene	ND	2000
2-Nitroaniline	ND	4000
Dimethylphthalate	ND	2000
Acenaphthylene	550 J	2000
2,6-Dinitrotoluene	ND	400
3-Nitroaniline	ND	4000
Acenaphthene	1200 J	2000
Dibenzofuran	1200 J	2000
2,4-Dinitrotoluene	ND	400
Diethylphthalate	ND	2000
4-Chlorophenyl-phenylether	ND	2000
Fluorene	2100	2000
4-Nitroaniline	ND	4000
N-Nitrosodiphenylamine	ND	2000
4-Bromophenyl-phenylether	ND	2000
Hexachlorobenzene	ND	200
Phenanthrene	19000	2000
Anthracene	4400	2000

Client ID: **032608-1355**
Site: BP Hastings

Lab Sample No: **908701**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43999.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 5.0
% Moisture: 16

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	860 J	2000
Di-n-butylphthalate	ND	2000
Fluoranthene	15000	2000
Pyrene	18000	2000
Butylbenzylphthalate	ND	2000
3,3'-Dichlorobenzidine	ND	4000
Benzo(a)anthracene	8000	200
Chrysene	8900	2000
bis(2-Ethylhexyl)phthalate	1300 J	2000
Di-n-octylphthalate	ND	2000
Benzo(b)fluoranthene	5600	200
Benzo(k)fluoranthene	5400	200
Benzo(a)pyrene	4700	200
Indeno(1,2,3-cd)pyrene	1500	200
Dibenz(a,h)anthracene	630	200
Benzo(g,h,i)perylene	1300 J	2000

Client ID: **032608-1355**
Site: BP Hastings

Lab Sample No: **908701**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43999.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 5.0
% Moisture: 16.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Pentachloro-1,1'-biphenyl isomer	11.71	22000	
2.	Pentachloro-1,1'-biphenyl isomer	11.87	35000	
3.	Pentachloro-1,1'-biphenyl isomer	12.20	40000	
4.	Hexachloro-1,1'-biphenyl isomer	12.29	37000	
5.	Hexachloro-1,1'-biphenyl isomer	12.40	65000	
6.	Hexachloro-1,1'-biphenyl isomer	12.59	63000	
7.	Heptachloro-1,1'-biphenyl isomer	12.75	41000	
8.	Hexachloro-1,1'-biphenyl isomer	12.85	40000	
9.	Heptachloro-1,1'-biphenyl isomer	13.01	100000	
10.	Unknown	13.05	76000	
11.	Heptachloro-1,1'-biphenyl isomer	13.23	93000	
12.	Octachloro-1,1'-biphenyl isomer	13.32	91000	
13.	Octachloro-1,1'-biphenyl isomer	13.39	44000	
14.	Heptachloro-1,1'-biphenyl isomer	13.50	240000	
15.	Heptachloro-1,1'-biphenyl isomer	13.78	46000	
16.	Octachloro-1,1'-biphenyl isomer	13.88	170000	
17.	Octachloro-1,1'-biphenyl isomer	13.96	170000	
18.	Nonachloro-1,1'-biphenyl isomer	14.23	39000	
19.	Octachloro-1,1'-biphenyl isomer	14.26	40000	
20.	Octachloro-1,1'-biphenyl isomer	14.45	130000	
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TOTAL ESTIMATED CONCENTRATION 1582000

Client ID: **032608-1410**
Site: BP Hastings

Lab Sample No: **908702**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34096.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 19

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	410
2-Chlorophenol	ND	410
2-Methylphenol	9.8J	410
4-Methylphenol	17 J	410
2-Nitrophenol	ND	410
2,4-Dimethylphenol	ND	410
2,4-Dichlorophenol	ND	410
4-Chloro-3-methylphenol	ND	410
2,4,6-Trichlorophenol	ND	410
2,4,5-Trichlorophenol	ND	410
2,4-Dinitrophenol	ND	1200
4-Nitrophenol	ND	1200
4,6-Dinitro-2-methylphenol	ND	1200
Pentachlorophenol	ND	1200

Client ID: **032608-1410**
Site: BP Hastings

Lab Sample No: **908702**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34096.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 19

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	41
1,3-Dichlorobenzene	ND	410
1,4-Dichlorobenzene	ND	410
1,2-Dichlorobenzene	ND	410
bis(2-chloroisopropyl)ether	ND	410
N-Nitroso-di-n-propylamine	ND	41
Hexachloroethane	ND	41
Nitrobenzene	ND	41
Isophorone	ND	410
bis(2-Chloroethoxy)methane	ND	410
1,2,4-Trichlorobenzene	ND	41
Naphthalene	190 J	410
4-Chloroaniline	ND	410
Hexachlorobutadiene	ND	83
2-Methylnaphthalene	170 J	410
Hexachlorocyclopentadiene	ND	410
2-Chloronaphthalene	ND	410
2-Nitroaniline	ND	830
Dimethylphthalate	ND	410
Acenaphthylene	84 J	410
2,6-Dinitrotoluene	ND	83
3-Nitroaniline	ND	830
Acenaphthene	24 J	410
Dibenzofuran	27 J	410
2,4-Dinitrotoluene	ND	83
Diethylphthalate	ND	410
4-Chlorophenyl-phenylether	ND	410
Fluorene	150 J	410
4-Nitroaniline	ND	830
N-Nitrosodiphenylamine	ND	410
4-Bromophenyl-phenylether	ND	410
Hexachlorobenzene	ND	41
Phenanthrene	920	410
Anthracene	120 J	410

Client ID: **032608-1410**
Site: BP Hastings

Lab Sample No: **908702**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34096.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 19

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	20 J	410
Di-n-butylphthalate	ND	410
Fluoranthene	670	410
Pyrene	1000	410
Butylbenzylphthalate	ND	410
3,3'-Dichlorobenzidine	ND	830
Benzo(a)anthracene	430	41
Chrysene	700	410
bis(2-Ethylhexyl)phthalate	93 J	410
Di-n-octylphthalate	ND	410
Benzo(b)fluoranthene	610	41
Benzo(k)fluoranthene	340	41
Benzo(a)pyrene	270	41
Indeno(1,2,3-cd)pyrene	81	41
Dibenz(a,h)anthracene	30 J	41
Benzo(g,h,i)perylene	87 J	410

Client ID: **032608-1410**
Site: BP Hastings

Lab Sample No: **908702**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34096.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 19.4

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Pentachloro-1,1'-biphenyl isomer	11.86	3200	
2.	Pentachloro-1,1'-biphenyl isomer	12.19	4000	
3.	Hexachloro-1,1'-biphenyl isomer	12.28	3600	
4.	Unknown	12.34	2500	
5.	Hexachloro-1,1'-biphenyl isomer	12.39	6000	
6.	Hexachloro-1,1'-biphenyl isomer	12.58	6300	
7.	Heptachloro-1,1'-biphenyl isomer	12.74	3300	
8.	Hexachloro-1,1'-biphenyl isomer	12.84	3100	
9.	Heptachloro-1,1'-biphenyl isomer	12.99	12000	
10.	Heptachloro-1,1'-biphenyl isomer	13.03	13000	
11.	Heptachloro-1,1'-biphenyl isomer	13.22	12000	
12.	Heptachloro-1,1'-biphenyl isomer	13.28	4000	
13.	Octachloro-1,1'-biphenyl isomer	13.31	11000	
14.	Octachloro-1,1'-biphenyl isomer	13.38	4300	
15.	Heptachloro-1,1'-biphenyl isomer	13.48	27000	
16.	Heptachloro-1,1'-biphenyl isomer	13.78	5000	
17.	Octachloro-1,1'-biphenyl isomer	13.86	21000	
18.	Octachloro-1,1'-biphenyl isomer	13.93	21000	
19.	Octachloro-1,1'-biphenyl isomer	14.44	14000	
20.	Nonylchloro-1,1'-biphenyl isomer	14.88	12000	
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TOTAL ESTIMATED CONCENTRATION 188300

Client ID: **032608-1435**
Site: BP Hastings

Lab Sample No: **908703**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43997.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 31

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	960
2-Chlorophenol	ND	960
2-Methylphenol	ND	960
4-Methylphenol	ND	960
2-Nitrophenol	ND	960
2,4-Dimethylphenol	ND	960
2,4-Dichlorophenol	ND	960
4-Chloro-3-methylphenol	ND	960
2,4,6-Trichlorophenol	ND	960
2,4,5-Trichlorophenol	ND	960
2,4-Dinitrophenol	ND	2900
4-Nitrophenol	ND	2900
4,6-Dinitro-2-methylphenol	ND	2900
Pentachlorophenol	ND	2900

Client ID: **032608-1435**
Site: BP Hastings

Lab Sample No: **908703**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43997.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 31

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	96
1,3-Dichlorobenzene	ND	960
1,4-Dichlorobenzene	ND	960
1,2-Dichlorobenzene	ND	960
bis(2-chloroisopropyl)ether	ND	960
N-Nitroso-di-n-propylamine	ND	96
Hexachloroethane	ND	96
Nitrobenzene	ND	96
Isophorone	ND	960
bis(2-Chloroethoxy)methane	ND	960
1,2,4-Trichlorobenzene	ND	96
Naphthalene	ND	960
4-Chloroaniline	ND	960
Hexachlorobutadiene	ND	190
2-Methylnaphthalene	ND	960
Hexachlorocyclopentadiene	ND	960
2-Chloronaphthalene	48 J	960
2-Nitroaniline	ND	1900
Dimethylphthalate	ND	960
Acenaphthylene	ND	960
2,6-Dinitrotoluene	ND	190
3-Nitroaniline	ND	1900
Acenaphthene	ND	960
Dibenzofuran	ND	960
2,4-Dinitrotoluene	ND	190
Diethylphthalate	ND	960
4-Chlorophenyl-phenylether	ND	960
Fluorene	ND	960
4-Nitroaniline	ND	1900
N-Nitrosodiphenylamine	ND	960
4-Bromophenyl-phenylether	ND	960
Hexachlorobenzene	ND	96
Phenanthrene	71 J	960
Anthracene	29 J	960

Client ID: **032608-1435**
Site: BP Hastings

Lab Sample No: **908703**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43997.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 31

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	960
Di-n-butylphthalate	ND	960
Fluoranthene	380 J	960
Pyrene	370 J	960
Butylbenzylphthalate	ND	960
3,3'-Dichlorobenzidine	ND	1900
Benzo(a)anthracene	350	96
Chrysene	360 J	960
bis(2-Ethylhexyl)phthalate	ND	960
Di-n-octylphthalate	ND	960
Benzo(b)fluoranthene	480	96
Benzo(k)fluoranthene	250	96
Benzo(a)pyrene	320	96
Indeno(1,2,3-cd)pyrene	160	96
Dibenz(a,h)anthracene	ND	96
Benzo(g,h,i)perylene	150 J	960

Client ID: **032608-1435**
Site: BP Hastings

Lab Sample No: **908703**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43997.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 30.8

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Dichloro-1,1-biphenyl isomer	9.73	18000	
2.	Trichloro-1,1-biphenyl isomer	10.31	13000	
3.	Trichloro-1,1-biphenyl isomer	10.51	2900	
4.	Tetrachloro-1,1-biphenyl isomer	10.80	4600	
5.	Tetrachloro-1,1-biphenyl isomer	10.98	5000	
6.	Tetrachloro-1,1-biphenyl isomer	11.03	8700	
7.	Tetrachloro-1,1-biphenyl isomer	11.16	2800	
8.	Tetrachloro-1,1-biphenyl isomer	11.21	4200	
9.	Tetrachloro-1,1-biphenyl isomer	11.24	5900	
10.	Pentachloro-1,1'-biphenyl isomer	11.56	4700	
11.	Hexachloro-1,1'-biphenyl isomer	12.17	6300	
12.	Hexachloro-1,1'-biphenyl isomer	12.38	5900	
13.	Hexachloro-1,1'-biphenyl isomer	12.51	4800	
14.	Hexachloro-1,1'-biphenyl isomer	12.56	3000	
15.	Heptachloro-1,1'-biphenyl isomer	12.89	3100	
16.	Heptachloro-1,1'-biphenyl isomer	12.98	13000	
17.	Octachloro-1,1'-biphenyl isomer	13.29	5800	
18.	Octachloro-1,1'-biphenyl isomer	13.84	12000	
19.	Octachloro-1,1'-biphenyl isomer	13.90	11000	
20.	Octachloro-1,1'-biphenyl isomer	14.41	8200	
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TOTAL ESTIMATED CONCENTRATION 142900

Client ID: **032608-1440**
Site: BP Hastings

Lab Sample No: **908704**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34090.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 48

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	640
2-Chlorophenol	ND	640
2-Methylphenol	ND	640
4-Methylphenol	ND	640
2-Nitrophenol	ND	640
2,4-Dimethylphenol	ND	640
2,4-Dichlorophenol	ND	640
4-Chloro-3-methylphenol	ND	640
2,4,6-Trichlorophenol	ND	640
2,4,5-Trichlorophenol	ND	640
2,4-Dinitrophenol	ND	1900
4-Nitrophenol	ND	1900
4,6-Dinitro-2-methylphenol	ND	1900
Pentachlorophenol	ND	1900

Client ID: **032608-1440**
Site: BP Hastings

Lab Sample No: **908704**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34090.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 48

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	64
1,3-Dichlorobenzene	ND	640
1,4-Dichlorobenzene	ND	640
1,2-Dichlorobenzene	ND	640
bis(2-chloroisopropyl)ether	ND	640
N-Nitroso-di-n-propylamine	ND	64
Hexachloroethane	ND	64
Nitrobenzene	ND	64
Isophorone	ND	640
bis(2-Chloroethoxy)methane	ND	640
1,2,4-Trichlorobenzene	ND	64
Naphthalene	ND	640
4-Chloroaniline	ND	640
Hexachlorobutadiene	ND	130
2-Methylnaphthalene	ND	640
Hexachlorocyclopentadiene	ND	640
2-Chloronaphthalene	23 J	640
2-Nitroaniline	ND	1300
Dimethylphthalate	ND	640
Acenaphthylene	ND	640
2,6-Dinitrotoluene	ND	130
3-Nitroaniline	ND	1300
Acenaphthene	ND	640
Dibenzofuran	ND	640
2,4-Dinitrotoluene	ND	130
Diethylphthalate	ND	640
4-Chlorophenyl-phenylether	ND	640
Fluorene	ND	640
4-Nitroaniline	ND	1300
N-Nitrosodiphenylamine	ND	640
4-Bromophenyl-phenylether	ND	640
Hexachlorobenzene	ND	64
Phenanthrene	13 J	640
Anthracene	ND	640

Client ID: **032608-1440**
Site: BP Hastings

Lab Sample No: **908704**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34090.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 48

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	640
Di-n-butylphthalate	ND	640
Fluoranthene	23 J	640
Pyrene	27 J	640
Butylbenzylphthalate	ND	640
3,3'-Dichlorobenzidine	ND	1300
Benzo(a)anthracene	ND	64
Chrysene	ND	640
bis(2-Ethylhexyl)phthalate	ND	640
Di-n-octylphthalate	ND	640
Benzo(b)fluoranthene	ND	64
Benzo(k)fluoranthene	ND	64
Benzo(a)pyrene	20 J	64
Indeno(1,2,3-cd)pyrene	ND	64
Dibenz(a,h)anthracene	ND	64
Benzo(g,h,i)perylene	ND	640

Client ID: **032608-1440**
Site: BP Hastings

Lab Sample No: **908704**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34090.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 48.2

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Hexachloro-1,1'-biphenyl isomer	12.18	12000	
2. Hexachloro-1,1'-biphenyl isomer	12.28	7300	
3. Hexachloro-1,1'-biphenyl isomer	12.39	16000	
4. Hexachloro-1,1'-biphenyl isomer	12.52	7800	
5. Hexachloro-1,1'-biphenyl isomer	12.59	17000	
6. Heptachloro-1,1'-biphenyl isomer	12.75	13000	
7. Heptachloro-1,1'-biphenyl isomer	12.91	7400	
8. Heptachloro-1,1'-biphenyl isomer	13.02	32000	
9. Unknown	13.05	21000	
10. Heptachloro-1,1'-biphenyl isomer	13.24	28000	
11. Heptachloro-1,1'-biphenyl isomer	13.29	14000	
12. Octachloro-1,1'-biphenyl isomer	13.32	32000	
13. Octachloro-1,1'-biphenyl isomer	13.39	17000	
14. Heptachloro-1,1'-biphenyl isomer	13.51	70000	
15. Octachloro-1,1'-biphenyl isomer	13.89	67000	
16. Unknown	13.98	58000	
17. Nonylchloro-1,1-biphenyl isomer	14.25	20000	
18. Octachloro-1,1'-biphenyl isomer	14.28	15000	
19. Octachloro-1,1'-biphenyl isomer	14.48	50000	
20. Nonylchloro-1,1-biphenyl isomer	14.91	53000	
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TOTAL ESTIMATED CONCENTRATION		557500	

Client ID: **032608-1445**
Site: BP Hastings

Lab Sample No: **908705**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34091.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 43

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	590
2-Chlorophenol	ND	590
2-Methylphenol	ND	590
4-Methylphenol	ND	590
2-Nitrophenol	ND	590
2,4-Dimethylphenol	ND	590
2,4-Dichlorophenol	ND	590
4-Chloro-3-methylphenol	ND	590
2,4,6-Trichlorophenol	ND	590
2,4,5-Trichlorophenol	ND	590
2,4-Dinitrophenol	ND	1800
4-Nitrophenol	ND	1800
4,6-Dinitro-2-methylphenol	ND	1800
Pentachlorophenol	ND	1800

Client ID: **032608-1445**
Site: BP Hastings

Lab Sample No: **908705**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34091.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 43

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	59
1,3-Dichlorobenzene	ND	590
1,4-Dichlorobenzene	ND	590
1,2-Dichlorobenzene	ND	590
bis(2-chloroisopropyl)ether	ND	590
N-Nitroso-di-n-propylamine	ND	59
Hexachloroethane	ND	59
Nitrobenzene	ND	59
Isophorone	ND	590
bis(2-Chloroethoxy)methane	ND	590
1,2,4-Trichlorobenzene	ND	59
Naphthalene	20 J	590
4-Chloroaniline	ND	590
Hexachlorobutadiene	ND	120
2-Methylnaphthalene	ND	590
Hexachlorocyclopentadiene	ND	590
2-Chloronaphthalene	21 J	590
2-Nitroaniline	ND	1200
Dimethylphthalate	ND	590
Acenaphthylene	16 J	590
2,6-Dinitrotoluene	ND	120
3-Nitroaniline	ND	1200
Acenaphthene	17 J	590
Dibenzofuran	16 J	590
2,4-Dinitrotoluene	ND	120
Diethylphthalate	ND	590
4-Chlorophenyl-phenylether	ND	590
Fluorene	41 J	590
4-Nitroaniline	ND	1200
N-Nitrosodiphenylamine	ND	590
4-Bromophenyl-phenylether	ND	590
Hexachlorobenzene	ND	59
Phenanthrene	440 J	590
Anthracene	140 J	590

Client ID: **032608-1445**
Site: BP Hastings

Lab Sample No: **908705**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34091.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 43

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	24 J	590
Di-n-butylphthalate	ND	590
Fluoranthene	600	590
Pyrene	490 J	590
Butylbenzylphthalate	ND	590
3,3'-Dichlorobenzidine	ND	1200
Benzo(a)anthracene	280	59
Chrysene	380 J	590
bis(2-Ethylhexyl)phthalate	ND	590
Di-n-octylphthalate	ND	590
Benzo(b)fluoranthene	570	59
Benzo(k)fluoranthene	180	59
Benzo(a)pyrene	230	59
Indeno(1,2,3-cd)pyrene	81	59
Dibenz(a,h)anthracene	29 J	59
Benzo(g,h,i)perylene	86 J	590

Client ID: **032608-1445**
Site: BP Hastings

Lab Sample No: **908705**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34091.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 43.2

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Trichloro-1,1-biphenyl isomer	10.29	2400	
2.	Hexachloro-1,1'-biphenyl isomer	12.17	3000	
3.	Hexachloro-1,1'-biphenyl isomer	12.38	4300	
4.	Hexachloro-1,1'-biphenyl isomer	12.51	2000	
5.	Hexachloro-1,1'-biphenyl isomer	12.57	5100	
6.	Heptachloro-1,1'-biphenyl isomer	12.73	3400	
7.	Heptachloro-1,1'-biphenyl isomer	12.89	1800	
8.	Heptachloro-1,1'-biphenyl isomer	12.99	14000	
9.	Unknown	13.03	2700	
10.	Heptachloro-1,1'-biphenyl isomer	13.22	3700	
11.	Octachloro-1,1'-biphenyl isomer	13.30	6200	
12.	Octachloro-1,1'-biphenyl isomer	13.37	2500	
13.	Heptachloro-1,1'-biphenyl isomer	13.47	13000	
14.	Octachloro-1,1'-biphenyl isomer	13.62	1600	
15.	Octachloro-1,1'-biphenyl isomer	13.87	15000	
16.	Octachloro-1,1'-biphenyl isomer	13.93	14000	
17.	Nonylchloro-1,1'-biphenyl isomer	14.23	2700	
18.	Octachloro-1,1'-biphenyl isomer	14.25	2000	
19.	Octachloro-1,1'-biphenyl isomer	14.44	10000	
20.	Nonylchloro-1,1'-biphenyl isomer	14.88	18000	
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TOTAL ESTIMATED CONCENTRATION 127400

Client ID: **032608-1505**
Site: BP Hastings

Lab Sample No: **908706**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34093.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 26

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	450
2-Chlorophenol	ND	450
2-Methylphenol	ND	450
4-Methylphenol	26 J	450
2-Nitrophenol	ND	450
2,4-Dimethylphenol	ND	450
2,4-Dichlorophenol	ND	450
4-Chloro-3-methylphenol	ND	450
2,4,6-Trichlorophenol	ND	450
2,4,5-Trichlorophenol	ND	450
2,4-Dinitrophenol	ND	1300
4-Nitrophenol	ND	1300
4,6-Dinitro-2-methylphenol	ND	1300
Pentachlorophenol	ND	1300

Client ID: **032608-1505**
Site: BP Hastings

Lab Sample No: **908706**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34093.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 26

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	45
1,3-Dichlorobenzene	ND	450
1,4-Dichlorobenzene	ND	450
1,2-Dichlorobenzene	ND	450
bis(2-chloroisopropyl)ether	ND	450
N-Nitroso-di-n-propylamine	ND	45
Hexachloroethane	ND	45
Nitrobenzene	ND	45
Isophorone	ND	450
bis(2-Chloroethoxy)methane	ND	450
1,2,4-Trichlorobenzene	ND	45
Naphthalene	56 J	450
4-Chloroaniline	ND	450
Hexachlorobutadiene	ND	90
2-Methylnaphthalene	ND	450
Hexachlorocyclopentadiene	ND	450
2-Chloronaphthalene	ND	450
2-Nitroaniline	ND	900
Dimethylphthalate	ND	450
Acenaphthylene	ND	450
2,6-Dinitrotoluene	ND	90
3-Nitroaniline	ND	900
Acenaphthene	16 J	450
Dibenzofuran	ND	450
2,4-Dinitrotoluene	ND	90
Diethylphthalate	ND	450
4-Chlorophenyl-phenylether	ND	450
Fluorene	13 J	450
4-Nitroaniline	ND	900
N-Nitrosodiphenylamine	ND	450
4-Bromophenyl-phenylether	ND	450
Hexachlorobenzene	ND	45
Phenanthrene	67 J	450
Anthracene	19 J	450

Client ID: **032608-1505**
Site: BP Hastings

Lab Sample No: **908706**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34093.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 26

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	450
Di-n-butylphthalate	ND	450
Fluoranthene	78 J	450
Pyrene	100 J	450
Butylbenzylphthalate	ND	450
3,3'-Dichlorobenzidine	ND	900
Benzo(a)anthracene	62	45
Chrysene	84 J	450
bis(2-Ethylhexyl)phthalate	ND	450
Di-n-octylphthalate	ND	450
Benzo(b)fluoranthene	40 J	45
Benzo(k)fluoranthene	50	45
Benzo(a)pyrene	42 J	45
Indeno(1,2,3-cd)pyrene	19 J	45
Dibenz(a,h)anthracene	ND	45
Benzo(g,h,i)perylene	24 J	450

Client ID: **032608-1505**
Site: BP Hastings

Lab Sample No: **908706**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34093.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 25.8

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Unknown	10.99	480	
2.	Unknown	11.15	620	
3.	Unknown	11.26	780	
4.	18-Norabietane	11.36	930	
5.	C18H18 PAH	12.30	1300	
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TOTAL ESTIMATED CONCENTRATION 4110

Client ID: **032608-1510**
Site: BP Hastings

Lab Sample No: **908707**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34097.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 40

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	560
2-Chlorophenol	ND	560
2-Methylphenol	ND	560
4-Methylphenol	1300	560
2-Nitrophenol	ND	560
2,4-Dimethylphenol	ND	560
2,4-Dichlorophenol	ND	560
4-Chloro-3-methylphenol	ND	560
2,4,6-Trichlorophenol	ND	560
2,4,5-Trichlorophenol	ND	560
2,4-Dinitrophenol	ND	1700
4-Nitrophenol	ND	1700
4,6-Dinitro-2-methylphenol	ND	1700
Pentachlorophenol	ND	1700

Client ID: **032608-1510**
Site: BP Hastings

Lab Sample No: **908707**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34097.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 40

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	56
1,3-Dichlorobenzene	ND	560
1,4-Dichlorobenzene	ND	560
1,2-Dichlorobenzene	ND	560
bis(2-chloroisopropyl)ether	ND	560
N-Nitroso-di-n-propylamine	ND	56
Hexachloroethane	ND	56
Nitrobenzene	ND	56
Isophorone	ND	560
bis(2-Chloroethoxy)methane	ND	560
1,2,4-Trichlorobenzene	ND	56
Naphthalene	290 J	560
4-Chloroaniline	ND	560
Hexachlorobutadiene	ND	110
2-Methylnaphthalene	82 J	560
Hexachlorocyclopentadiene	ND	560
2-Chloronaphthalene	ND	560
2-Nitroaniline	ND	1100
Dimethylphthalate	ND	560
Acenaphthylene	16 J	560
2,6-Dinitrotoluene	ND	110
3-Nitroaniline	ND	1100
Acenaphthene	160 J	560
Dibenzofuran	98 J	560
2,4-Dinitrotoluene	ND	110
Diethylphthalate	ND	560
4-Chlorophenyl-phenylether	ND	560
Fluorene	180 J	560
4-Nitroaniline	ND	1100
N-Nitrosodiphenylamine	ND	560
4-Bromophenyl-phenylether	ND	560
Hexachlorobenzene	ND	56
Phenanthrene	1200	560
Anthracene	300 J	560

Client ID: **032608-1510**
Site: BP Hastings

Lab Sample No: **908707**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34097.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 40

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	63 J	560
Di-n-butylphthalate	ND	560
Fluoranthene	1300	560
Pyrene	1500	560
Butylbenzylphthalate	ND	560
3,3'-Dichlorobenzidine	ND	1100
Benzo(a)anthracene	710	56
Chrysene	810	560
bis(2-Ethylhexyl)phthalate	ND	560
Di-n-octylphthalate	ND	560
Benzo(b)fluoranthene	630	56
Benzo(k)fluoranthene	690	56
Benzo(a)pyrene	710	56
Indeno(1,2,3-cd)pyrene	200	56
Dibenz(a,h)anthracene	68	56
Benzo(g,h,i)perylene	220 J	560

Client ID: **032608-1510**
Site: BP Hastings

Lab Sample No: **908707**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34097.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 40.3

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Toluene	3.55	510	
2. Unknown	11.15	470	
3. Unknown	11.26	1200	
4. 18-Norabietane	11.37	1400	
5. Unknown Alkane	11.45	510	
6. C18H18 PAH	12.30	600	
7. Unknown	13.31	470	
8. Unknown Alkane	14.60	510	
9. C20H12 PAH	15.30	600	
10. Unknown Alkane	15.57	500	
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TOTAL ESTIMATED CONCENTRATION	6770

Client ID: **032608-1550**
Site: BP Hastings

Lab Sample No: **908708**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44001.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	1200
2-Chlorophenol	ND	1200
2-Methylphenol	ND	1200
4-Methylphenol	650 J	1200
2-Nitrophenol	ND	1200
2,4-Dimethylphenol	ND	1200
2,4-Dichlorophenol	ND	1200
4-Chloro-3-methylphenol	ND	1200
2,4,6-Trichlorophenol	ND	1200
2,4,5-Trichlorophenol	ND	1200
2,4-Dinitrophenol	ND	3600
4-Nitrophenol	ND	3600
4,6-Dinitro-2-methylphenol	ND	3600
Pentachlorophenol	ND	3600

Client ID: **032608-1550**
Site: BP Hastings

Lab Sample No: **908708**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44001.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	120
1,3-Dichlorobenzene	ND	1200
1,4-Dichlorobenzene	ND	1200
1,2-Dichlorobenzene	ND	1200
bis(2-chloroisopropyl)ether	ND	1200
N-Nitroso-di-n-propylamine	ND	120
Hexachloroethane	ND	120
Nitrobenzene	ND	120
Isophorone	ND	1200
bis(2-Chloroethoxy)methane	ND	1200
1,2,4-Trichlorobenzene	ND	120
Naphthalene	390 J	1200
4-Chloroaniline	ND	1200
Hexachlorobutadiene	ND	240
2-Methylnaphthalene	80 J	1200
Hexachlorocyclopentadiene	ND	1200
2-Chloronaphthalene	ND	1200
2-Nitroaniline	ND	2400
Dimethylphthalate	ND	1200
Acenaphthylene	ND	1200
2,6-Dinitrotoluene	ND	240
3-Nitroaniline	ND	2400
Acenaphthene	200 J	1200
Dibenzofuran	72 J	1200
2,4-Dinitrotoluene	ND	240
Diethylphthalate	ND	1200
4-Chlorophenyl-phenylether	ND	1200
Fluorene	160 J	1200
4-Nitroaniline	ND	2400
N-Nitrosodiphenylamine	ND	1200
4-Bromophenyl-phenylether	ND	1200
Hexachlorobenzene	ND	120
Phenanthrene	1200	1200
Anthracene	290 J	1200

Client ID: **032608-1550**
Site: BP Hastings

Lab Sample No: **908708**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44001.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	60 J	1200
Di-n-butylphthalate	ND	1200
Fluoranthene	1700	1200
Pyrene	2200	1200
Butylbenzylphthalate	ND	1200
3,3'-Dichlorobenzidine	ND	2400
Benzo(a)anthracene	890	120
Chrysene	1000 J	1200
bis(2-Ethylhexyl)phthalate	ND	1200
Di-n-octylphthalate	ND	1200
Benzo(b)fluoranthene	650	120
Benzo(k)fluoranthene	920	120
Benzo(a)pyrene	800	120
Indeno(1,2,3-cd)pyrene	260	120
Dibenz(a,h)anthracene	ND	120
Benzo(g,h,i)perylene	220 J	1200

Client ID: **032608-1550**
Site: BP Hastings

Lab Sample No: **908708**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44001.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44.1

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Unknown Alkane	9.58	1200	
2. Unknown Alkane	9.84	1300	
3. Unknown Alkane	10.30	1300	
4. Phenol, 3-(2-phenylethyl)-	10.62	1200	
5. Unknown	10.93	1000	
6. Unknown	11.17	3200	
7. Unknown	11.28	8300	
8. Unknown	11.38	9400	
9. Unknown	11.45	1200	
10. Unknown	11.56	1400	
11. C16H14 PAH	11.61	1000	
12. Unknown	12.07	1500	
13. Phenanthrene, 1-methyl-7-(1-methylethy	12.31	2300	
14. Octadecanoic acid, butyl ester	12.52	1800	
15. Unknown	12.84	2300	
16. Unknown Alkane	12.92	1600	
17. Unknown Alkane	13.71	1600	
18. Unknown Alkane	14.56	3700	
19. Unknown	14.62	5200	
20. C20H12 PAH	15.28	2900	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
TOTAL ESTIMATED CONCENTRATION		53400	

Client ID: **032608-1555**
Site: BP Hastings

Lab Sample No: **908709**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44002.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 50

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	660
2-Chlorophenol	ND	660
2-Methylphenol	ND	660
4-Methylphenol	240 J	660
2-Nitrophenol	ND	660
2,4-Dimethylphenol	ND	660
2,4-Dichlorophenol	ND	660
4-Chloro-3-methylphenol	ND	660
2,4,6-Trichlorophenol	ND	660
2,4,5-Trichlorophenol	ND	660
2,4-Dinitrophenol	ND	2000
4-Nitrophenol	ND	2000
4,6-Dinitro-2-methylphenol	ND	2000
Pentachlorophenol	ND	2000

Client ID: **032608-1555**
Site: BP Hastings

Lab Sample No: **908709**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44002.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 50

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	66
1,3-Dichlorobenzene	ND	660
1,4-Dichlorobenzene	ND	660
1,2-Dichlorobenzene	ND	660
bis(2-chloroisopropyl)ether	ND	660
N-Nitroso-di-n-propylamine	ND	66
Hexachloroethane	ND	66
Nitrobenzene	ND	66
Isophorone	ND	660
bis(2-Chloroethoxy)methane	ND	660
1,2,4-Trichlorobenzene	ND	66
Naphthalene	880	660
4-Chloroaniline	ND	660
Hexachlorobutadiene	ND	130
2-Methylnaphthalene	87 J	660
Hexachlorocyclopentadiene	ND	660
2-Chloronaphthalene	ND	660
2-Nitroaniline	ND	1300
Dimethylphthalate	ND	660
Acenaphthylene	ND	660
2,6-Dinitrotoluene	ND	130
3-Nitroaniline	ND	1300
Acenaphthene	340 J	660
Dibenzofuran	140 J	660
2,4-Dinitrotoluene	ND	130
Diethylphthalate	ND	660
4-Chlorophenyl-phenylether	ND	660
Fluorene	340 J	660
4-Nitroaniline	ND	1300
N-Nitrosodiphenylamine	ND	660
4-Bromophenyl-phenylether	ND	660
Hexachlorobenzene	ND	66
Phenanthrene	3900	660
Anthracene	1200	660

Client ID: **032608-1555**
Site: BP Hastings

Lab Sample No: **908709**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44002.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 50

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	200 J	660
Di-n-butylphthalate	ND	660
Fluoranthene	5300	660
Pyrene	5500	660
Butylbenzylphthalate	ND	660
3,3'-Dichlorobenzidine	ND	1300
Benzo(a)anthracene	2400	66
Chrysene	2400	660
bis(2-Ethylhexyl)phthalate	ND	660
Di-n-octylphthalate	ND	660
Benzo(b)fluoranthene	1700	66
Benzo(k)fluoranthene	2200	66
Benzo(a)pyrene	2100	66
Indeno(1,2,3-cd)pyrene	630	66
Dibenz(a,h)anthracene	240	66
Benzo(g,h,i)perylene	610 J	660

Client ID: **032608-1555**
Site: BP Hastings

Lab Sample No: **908709**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44002.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 49.9

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. C20H12 PAH	11.05	950	
2. C20H12 PAH	11.08	1200	
3. Unknown	11.17	3400	
4. C15H10 PAH	11.20	1100	
5. Unknown	11.28	8500	
6. Unknown	11.39	10000	
7. Unknown	11.56	1100	
8. 10-Methylanthracene-9-carboxaldehyde	12.07	1400	
9. Phenanthrene, 1-methyl-7-(1-methylethy	12.31	2700	
10. C17H12 PAH	12.44	1800	
11. Pentadecane	12.54	1300	
12. Unknown Alkane	12.92	1700	
13. Unknown Alkane	13.31	900	
14. C18H12 PAH	13.58	890	
15. 11H-Benzo[a]carbazole	13.64	960	
16. Unknown Alkane	13.71	1800	
17. Unknown Alkane	14.56	2400	
18. Unknown	14.63	3100	
19. C20H12 PAH	15.29	3800	
20. C20H12 PAH	15.49	2300	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
TOTAL ESTIMATED CONCENTRATION		51300	

Client ID: **032508-1645**
Site: BP Hastings

Lab Sample ID: **908689**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/05/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070374.d
Rear File ID: qr070374.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 10000.0
% Moisture: 20

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	830000	R
Aroclor-1221	ND	830000	R
Aroclor-1232	ND	830000	R
Aroclor-1242	ND	830000	R
Aroclor-1248	ND	830000	R
Aroclor-1254	ND	830000	R
Aroclor-1260	ND	830000	R
Aroclor-1262	13000000	830000	R
Aroclor-1268	ND	830000	R

Client ID: **032508-1710**
Site: BP Hastings

Lab Sample ID: **908690**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/06/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070393.d
Rear File ID: qr070393.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 20.0
% Moisture: 14

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	1600	R
Aroclor-1221	ND	1600	R
Aroclor-1232	ND	1600	R
Aroclor-1242	ND	1600	R
Aroclor-1248	ND	1600	R
Aroclor-1254	ND	1600	R
Aroclor-1260	ND	1600	R
Aroclor-1262	22000	1600	R
Aroclor-1268	ND	1600	R

Client ID: **032508-1720**
Site: BP Hastings

Lab Sample ID: **908691**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/06/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070378.d
Rear File ID: qr070378.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 200.0
% Moisture: 22

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	17000	R
Aroclor-1221	ND	17000	R
Aroclor-1232	ND	17000	R
Aroclor-1242	ND	17000	R
Aroclor-1248	ND	17000	R
Aroclor-1254	ND	17000	R
Aroclor-1260	ND	17000	R
Aroclor-1262	320000	17000	F
Aroclor-1268	ND	17000	R

Client ID: **032508-1725**
Site: BP Hastings

Lab Sample ID: **908692**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/06/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070379.d
Rear File ID: qr070379.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 5000.0
% Moisture: 25

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	440000	R
Aroclor-1221	ND	440000	R
Aroclor-1232	ND	440000	R
Aroclor-1242	ND	440000	R
Aroclor-1248	ND	440000	R
Aroclor-1254	ND	440000	R
Aroclor-1260	ND	440000	R
Aroclor-1262	4600000	440000	F
Aroclor-1268	ND	440000	R

Client ID: **032508-1730**
Site: BP Hastings

Lab Sample ID: **908693**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/06/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070380.d
Rear File ID: qr070380.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 5000.0
% Moisture: 35

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	510000	R
Aroclor-1221	ND	510000	R
Aroclor-1232	ND	510000	R
Aroclor-1242	ND	510000	R
Aroclor-1248	ND	510000	R
Aroclor-1254	ND	510000	R
Aroclor-1260	ND	510000	R
Aroclor-1262	6700000	510000	F
Aroclor-1268	ND	510000	R

Client ID: **032508-1745**
Site: BP Hastings

Lab Sample ID: **908694**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/06/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070381.d
Rear File ID: qr070381.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 500.0
% Moisture: 44

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	60000	R
Aroclor-1221	ND	60000	R
Aroclor-1232	ND	60000	R
Aroclor-1242	ND	60000	R
Aroclor-1248	ND	60000	R
Aroclor-1254	ND	60000	R
Aroclor-1260	ND	60000	R
Aroclor-1262	770000	60000	F
Aroclor-1268	ND	60000	R

Client ID: **032508-1750**
Site: BP Hastings

Lab Sample ID: **908695**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/06/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070382.d
Rear File ID: qr070382.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 2000.0
% Moisture: 35

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	200000	R
Aroclor-1221	ND	200000	R
Aroclor-1232	ND	200000	R
Aroclor-1242	ND	200000	R
Aroclor-1248	ND	200000	R
Aroclor-1254	ND	200000	R
Aroclor-1260	ND	200000	R
Aroclor-1262	2300000	200000	F
Aroclor-1268	ND	200000	R

Client ID: **032508-1805**
Site: BP Hastings

Lab Sample ID: **908696**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/06/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070383.d
Rear File ID: qr070383.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 500.0
% Moisture: 45

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	60000	R
Aroclor-1221	ND	60000	R
Aroclor-1232	ND	60000	R
Aroclor-1242	ND	60000	R
Aroclor-1248	ND	60000	R
Aroclor-1254	ND	60000	R
Aroclor-1260	ND	60000	R
Aroclor-1262	640000	60000	F
Aroclor-1268	ND	60000	R

Client ID: **032608-0900**
Site: BP Hastings

Lab Sample ID: **908697**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/06/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070384.d
Rear File ID: qr070384.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 500.0
% Moisture: 21

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	42000	R
Aroclor-1221	ND	42000	R
Aroclor-1232	ND	42000	R
Aroclor-1242	ND	42000	R
Aroclor-1248	ND	42000	R
Aroclor-1254	ND	42000	R
Aroclor-1260	ND	42000	R
Aroclor-1262	620000	42000	F
Aroclor-1268	ND	42000	R

Client ID: **032608-0905**
Site: BP Hastings

Lab Sample ID: **908698**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/06/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070396.d
Rear File ID: qr070396.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 10.0
% Moisture: 34

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	1000	R
Aroclor-1221	ND	1000	R
Aroclor-1232	ND	1000	R
Aroclor-1242	ND	1000	R
Aroclor-1248	ND	1000	R
Aroclor-1254	ND	1000	R
Aroclor-1260	ND	1000	R
Aroclor-1262	12000	1000	F
Aroclor-1268	ND	1000	R

Client ID: **032608-0910**
Site: BP Hastings

Lab Sample ID: **908699**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/06/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070397.d
Rear File ID: qr070397.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 2.0
% Moisture: 36

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	210	R
Aroclor-1221	ND	210	R
Aroclor-1232	ND	210	R
Aroclor-1242	ND	210	R
Aroclor-1248	ND	210	R
Aroclor-1254	ND	210	R
Aroclor-1260	ND	210	R
Aroclor-1262	2000	210	R
Aroclor-1268	ND	210	R

Client ID: **032608-1330**
Site: BP Hastings

Lab Sample ID: **908700**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 04/07/08
Date Analyzed: 04/08/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC9.i

Matrix: WATER
Sample Volume: 500 ml
Extract Final Volume: 2.5 ml
Dilution Factor: 1.0
Front File ID: vf429154.d
Rear File ID: vr429154.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/l	Method Detection Limit Units: ug/l	Quant. Column
Aroclor-1016	ND	0.50	R
Aroclor-1221	ND	0.50	R
Aroclor-1232	ND	0.50	R
Aroclor-1242	ND	0.50	R
Aroclor-1248	ND	0.50	R
Aroclor-1254	ND	0.50	R
Aroclor-1260	ND	0.50	R
Aroclor-1262	ND	0.50	R
Aroclor-1268	ND	0.50	R

Client ID: **032608-1355**
Site: BP Hastings

Lab Sample ID: **908701**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/06/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070387.d
Rear File ID: qr070387.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 10000.0
% Moisture: 16

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	800000	R
Aroclor-1221	ND	800000	R
Aroclor-1232	ND	800000	R
Aroclor-1242	ND	800000	R
Aroclor-1248	ND	800000	R
Aroclor-1254	ND	800000	R
Aroclor-1260	ND	800000	R
Aroclor-1262	7100000	800000	R
Aroclor-1268	ND	800000	R

Client ID: **032608-1410**
Site: BP Hastings

Lab Sample ID: **908702**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/05/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070361.d
Rear File ID: qr070361.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1000.0
% Moisture: 19

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	83000	R
Aroclor-1221	ND	83000	R
Aroclor-1232	ND	83000	R
Aroclor-1242	ND	83000	R
Aroclor-1248	ND	83000	R
Aroclor-1254	ND	83000	R
Aroclor-1260	ND	83000	R
Aroclor-1262	1100000	83000	R
Aroclor-1268	ND	83000	R

Client ID: **032608-1435**
Site: BP Hastings

Lab Sample ID: **908703**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/06/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070388.d
Rear File ID: qr070388.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 500.0
% Moisture: 31

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	48000	R
Aroclor-1221	ND	48000	R
Aroclor-1232	ND	48000	R
Aroclor-1242	ND	48000	R
Aroclor-1248	ND	48000	R
Aroclor-1254	ND	48000	R
Aroclor-1260	ND	48000	R
Aroclor-1262	580000	48000	F
Aroclor-1268	ND	48000	R

Client ID: **032608-1440**
Site: BP Hastings

Lab Sample ID: **908704**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/05/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070363.d
Rear File ID: qr070363.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1000.0
% Moisture: 48

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	130000	R
Aroclor-1221	ND	130000	R
Aroclor-1232	ND	130000	R
Aroclor-1242	ND	130000	R
Aroclor-1248	ND	130000	R
Aroclor-1254	ND	130000	R
Aroclor-1260	ND	130000	R
Aroclor-1262	1500000	130000	F
Aroclor-1268	ND	130000	R

Client ID: **032608-1445**
Site: BP Hastings

Lab Sample ID: **908705**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070430.d
Rear File ID: qr070430.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 2000.0
% Moisture: 43

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	240000	R
Aroclor-1221	ND	240000	R
Aroclor-1232	ND	240000	R
Aroclor-1242	ND	240000	R
Aroclor-1248	ND	240000	R
Aroclor-1254	ND	240000	R
Aroclor-1260	ND	240000	R
Aroclor-1262	1200000	240000	R
Aroclor-1268	ND	240000	R

Client ID: **032608-1505**
Site: BP Hastings

Lab Sample ID: **908706**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/06/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070389.d
Rear File ID: qr070389.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 20.0
% Moisture: 26

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	1800	R
Aroclor-1221	ND	1800	R
Aroclor-1232	ND	1800	R
Aroclor-1242	ND	1800	R
Aroclor-1248	ND	1800	R
Aroclor-1254	ND	1800	R
Aroclor-1260	ND	1800	R
Aroclor-1262	22000	1800	F
Aroclor-1268	ND	1800	R

Client ID: **032608-1510**
Site: BP Hastings

Lab Sample ID: **908707**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/06/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070390.d
Rear File ID: qr070390.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 2.0
% Moisture: 40

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	220	R
Aroclor-1221	ND	220	R
Aroclor-1232	ND	220	R
Aroclor-1242	ND	220	R
Aroclor-1248	ND	220	R
Aroclor-1254	ND	220	R
Aroclor-1260	ND	220	R
Aroclor-1262	1700	220	F
Aroclor-1268	ND	220	R

Client ID: **032608-1550**
Site: BP Hastings

Lab Sample ID: **908708**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/06/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070391.d
Rear File ID: qr070391.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 2.0
% Moisture: 44

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	240	R
Aroclor-1221	ND	240	R
Aroclor-1232	ND	240	R
Aroclor-1242	ND	240	R
Aroclor-1248	ND	240	R
Aroclor-1254	ND	240	R
Aroclor-1260	ND	240	R
Aroclor-1262	3700	240	F
Aroclor-1268	ND	240	R

Client ID: **032608-1555**
Site: BP Hastings

Lab Sample ID: **908709**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/06/08
GC Front Column: StxCLP2
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf070392.d
Rear File ID: qr070392.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 2.0
% Moisture: 50

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	270	R
Aroclor-1221	ND	270	R
Aroclor-1232	ND	270	R
Aroclor-1242	ND	270	R
Aroclor-1248	ND	270	R
Aroclor-1254	ND	270	R
Aroclor-1260	ND	270	R
Aroclor-1262	3100	270	F
Aroclor-1268	ND	270	R

General Information

Chain of Custody

S478

1c #68

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Chain of Custody Record

On-site Time:	0700 Temp: 40
Off-site Time:	1800 Temp: 50
Sky Conditions:	Partly Cloudy
Meteorological Events:	None
Wind Speed:	— Direction: —

Project Name: Hastings-on-Hudson, OU-1
BP BU/AR Region/Enfos Segment: East Coast/ OBC Non-Mining
State or Lead Regulatory Agency: NYSDEC
Requested Due Date (mm/dd/yy):
Chain of Custody Number: 101

Lab Name:	TestAmerica Edison
Address:	777 New Durham Road
	Edison, NJ 08817
Lab PM:	
Tele/Fax:	732.549.3900
BP/AR PM Contact:	Joe Sontchi
Address:	28100 Torch Parkway
	Warrenville, IL 60555
Tele/Fax:	630.836.7117

BP/AR Facility No.:	OU-1
BP/AR Facility Address:	1 River Street, Hastings-on-Hudson, NY 10706
Site Lat/Long:	N40° 59' 30"/W73° 53' 07"
California Global ID No.:	
Enfos Project No.:	001D2-0068
Provision or RCOP (circle one)	
Phase/WBS:	Site Characterization
Sub Phase/Task:	Analytical/Contractor Labor
Cost Element:	Contract Labor, Matrls, Eqpmnt, Contractor T&E, Subcont Cost

Consultant/Contractor:	Haley & Aldrich
Address:	3840 Packard Road Suite 100
	Ann Arbor, MI 48108
Consultant/Contractor Project No.:	28612
Consultant/Contractor PM:	Ban Aragona
Tele/Fax:	734-887-4357
Report Type & QC Level:	Level IV
E-mail EDD To:	baragona@haleyaldrich.com
Invoice to: Consultant or BP or Atlantic Richfield Co. (circle one)	

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Sediment/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: Total PCBs 8082	Requested Analysis: TCLP Metals	Requested Analysis: TCLP VOCs	Requested Analysis: Reactivity	Requested Analysis: Ignitability	Requested Analysis: Corrosivity	Requested Analysis: Percent Oil	Requested Analysis: BNA+35 (8270)	Requested Analysis:	Sample Point Lat/Long and Comments
1	HA115-032508-1645	1645	3/25/08					1	X					X							X		908689
2	HA115-032508-1710	1710	3/25/08					1	X					X							X		690
3	HA115-032508-1720	1720	3/25/08					1	X					X							X		691
4	HA115-032508-1725	1725	3/25/08					1	X					X							X		692
5	HA115-032508-1730	1730	3/25/08					1	X					X							X		693
6	HA115-032508-1745	1745	3/25/08					1	X					X							X		694
7	HA115-032508-1750	1750	3/25/08					1	X					X							X		695
8	HA115-032508-1805	1805	3/25/08	↓				1	X					X							X		696
9	HA115-032608-0900	0900	3/26/08					1	X					X							X		697
10	HA115-032608-0905	0905	3/26/08	↓				1	X					X							X		698

Sampler's Name: Amber Granger
Sampler's Company: Haley & Aldrich
Shipment Date: 3/27/08
Shipment Method: ~~Fed Ex~~ Pick-up
Shipment Tracking No:

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
H&A	3/27	1015	Susie Smith	3/27	1015
Susie Smith	3/27	1230		3/27	1230

Special Instructions:

Custody Seals In Place Yes___ No___ Temp Blank Yes___ No___ Cooler Temperature on Receipt ___°F/C Trip Blank Yes___ No___

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TestAmerica Edison

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Chain of Custody Record

On-site Time:	0700 Temp: 40
Off-site Time:	1800 Temp: 50
Sky Conditions:	Partly Cloudy
Meteorological Events:	NONE
Wind Speed:	— Direction: —

Project Name: Hastings-on-Hudson, OU-1
BP BU/AR Region/Enfos Segment: East Coast/ OBC Non-Mining
State or Lead Regulatory Agency: NYSDEC
Requested Due Date (mm/dd/yy):
Chain of Custody Number: 102

Lab Name:	TestAmerica Edison	BP/AR Facility No.:	OU-1
Address:	777 New Durham Road	BP/AR Facility Address:	1 River Street, Hastings-on-Hudson, NY 10706
	Edison, NJ 08817	Site Lat/Long:	N40° 59' 30"/W73° 53' 07"
Lab PM:		California Global ID No.:	
Tele/Fax:	732.549.3900	Enfos Project No.:	001D2-0068
BP/AR PM Contact:	Joe Sontchi	Provision or RCOP (circle one)	
Address:	28100 Torch Parkway	Phase/WBS:	Site Characterization
	Warrenville, IL 60555	Sub Phase/Task:	Analytical/Contractor Labor
Tele/Fax:	630.836.7117	Cost Element:	Contract Labor, Matrls, Eqpmnt, Contractor T&E, Subcont Cost

Consultant/Contractor:	Haley & Aldrich
Address:	3840 Packard Road Suite 100
	Ann Arbor, MI 48108
Consultant/Contractor Project No.:	28612
Consultant/Contractor PM:	Ban Aragona
Tele/Fax:	734-887-4357
Report Type & QC Level:	Level IV
E-mail EDD To:	baragona@haleyaldrich.com
Invoice to: Consultant or BP or Atlantic Richfield Co. (circle one)	

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Sediment/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: Total PCBs 8082	Requested Analysis: TCLP Metals	Requested Analysis: TCLP VOCs	Requested Analysis: Reactivity	Requested Analysis: Ignitability	Requested Analysis: Corrosivity	Requested Analysis: Percent Oil	Requested Analysis: BNA + 25 (8270)	Sample Point Lat/Long and Comments
1	HA115-032608-0910	0910	3/26/08	X				1	X					X							X	908699
2	HA116-032608-1330	1330	3/26/08		X			1	X					X							X	700
3	HA116-032608-1355	1355	3/26/08					1	X					X							X	701
4	HA116-032608-1410	1410	3/26/08					1	X					X							X	702
5	HA116-032608-1435	1435	3/26/08					1	X					X							X	703
6	HA116-032608-1440	1440	3/26/08					1	X					X							X	704
7	HA116-032608-1445	1445	3/26/08					1	X					X							X	705
8	HA116-032608-1505	1505	3/26/08					1	X					X							X	706
9	HA116-032608-1510	1510	3/26/08					1	X					X							X	707
10	HA116-032608-1550	1550	3/26/08	↓				1	X					X							X	708

Sampler's Name: Amber Grange
Sampler's Company: Haley & Aldrich
Shipment Date: 3/27/08
Shipment Method: ~~Fed Ex~~ Pick-up
Shipment Tracking No:

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
	3/27	1015	Alisha Smith	3/27	1015
Alisha Smith	3/27	1230	CKate	3/28	1230

Special Instructions:

Custody Seals In Place Yes ___ No ___ Temp Blank Yes ___ No ___ Cooler Temperature on Receipt ___ °F/C Trip Blank Yes ___ No ___

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TestAmerica Edison

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Chain of Custody Record

Project Name: Hastings-on-Hudson, OU-1
BP BU/AR Region/Enfos Segment: East Coast/ OBC Non-Mining
State or Lead Regulatory Agency: NYSDEC
Requested Due Date (mm/dd/yy):
Chain of Custody Number: 103

On-site Time:	0700 Temp: 40
Off-site Time:	1800 Temp: 50
Sky Conditions:	Partly Cloudy
Meteorological Events:	None
Wind Speed:	— Direction: —

Lab Name:	TestAmerica Edison
Address:	777 New Durham Road
	Edison, NJ 08817
Lab PM:	
Tele/Fax:	732.549.3900
BP/AR PM Contact:	Joe Sontchi
Address:	28100 Torch Parkway
	Warrenville, IL 60555
Tele/Fax:	630.836.7117

BP/AR Facility No.:	OU-1
BP/AR Facility Address:	1 River Street, Hastings-on-Hudson, NY 10706
Site Lat/Long:	N40° 59' 30"/W73° 53' 07"
California Global ID No.:	
Enfos Project No.:	001D2-0068
Provision or RCOP (circle one)	
Phase/WBS:	Site Characterization
Sub Phase/Task:	Analytical/Contractor Labor
Cost Element:	Contract Labor, Matrls, Eqpmnt, Contractor T&E, Subcont Cost

Consultant/Contractor:	Haley & Aldrich
Address:	3840 Packard Road Suite 100
	Ann Arbor, MI 48108
Consultant/Contractor Project No.:	28612
Consultant/Contractor PM:	Ban Aragona
Tele/Fax:	734-887-4357
Report Type & QC Level:	Level IV
E-mail EDD To:	baragona@haleyaldrich.com
Invoice to: Consultant or BP or Atlantic Richfield Co. (circle one)	

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Sediment/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: Total PCBs 8082	TCLP Metals	TCLP VOCs	Reactivity	Ignitability	Corrosivity	Percent Oil	BNA + 25 (8270)		Sample Point Lat/Long and Comments
1	HA116-032608-1555	1555	3/26/08	X				1	X					X							X		Possible high PCBs
2																							908709
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							

Sampler's Name:	Amber Granger
Sampler's Company:	Haley & Aldrich
Shipment Date:	3/27/08
Shipment Method:	~~Fed Ex~~ Pick-up
Shipment Tracking No:	

Special Instructions:

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Lisha Smith	3/27	1015	Lisha Smith	3/27	1015
	3/27	1230	Ahall	3/27	123

Custody Seals In Place Yes___ No___ Temp Blank Yes___ No___ Cooler Temperature on Receipt ___°F/C Trip Blank Yes___ No___

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TestAmerica Edison

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Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: S478 **Site:** BP Hastings

Client: Haley & Aldrich

BNAMS

WATER - 8270C

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
908700	3/26/2008	3/27/2008	4/7/2008	Romero, Beisley	4/8/2008	Crocco, Michael	6045

SOLID - 8270C

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
908689	3/25/2008	3/27/2008	3/31/2008	Masango, Charles	4/10/2008	Szczech, Anna	7084
908690	3/25/2008	3/27/2008	3/31/2008	Masango, Charles	4/7/2008	Shalayda, Monica	7084
908691	3/25/2008	3/27/2008	3/31/2008	Masango, Charles	4/7/2008	Shalayda, Monica	7084
908692	3/25/2008	3/27/2008	3/31/2008	Masango, Charles	4/7/2008	Shalayda, Monica	7084
908693	3/25/2008	3/27/2008	3/31/2008	Masango, Charles	4/7/2008	Shalayda, Monica	7084
908694	3/25/2008	3/27/2008	3/31/2008	Masango, Charles	4/7/2008	Shalayda, Monica	7084
908695	3/25/2008	3/27/2008	3/31/2008	Masango, Charles	4/7/2008	Shalayda, Monica	7084
908696	3/25/2008	3/27/2008	3/31/2008	Masango, Charles	4/9/2008	Szczech, Anna	7084
908697	3/26/2008	3/27/2008	3/31/2008	Masango, Charles	4/8/2008	Shalayda, Monica	7084
908698	3/26/2008	3/27/2008	3/31/2008	Masango, Charles	4/9/2008	Szczech, Anna	7084
908699	3/26/2008	3/27/2008	3/31/2008	Masango, Charles	4/8/2008	Shalayda, Monica	7084
908701	3/26/2008	3/27/2008	3/31/2008	Masango, Charles	4/9/2008	Szczech, Anna	7084
908702	3/26/2008	3/27/2008	3/31/2008	Masango, Charles	4/8/2008	Shalayda, Monica	7084
908703	3/26/2008	3/27/2008	3/31/2008	Masango, Charles	4/9/2008	Szczech, Anna	7084
908704	3/26/2008	3/27/2008	3/31/2008	Masango, Charles	4/8/2008	Shalayda, Monica	7084
908705	3/26/2008	3/27/2008	3/31/2008	Masango, Charles	4/8/2008	Shalayda, Monica	7084
908706	3/26/2008	3/27/2008	3/31/2008	Masango, Charles	4/8/2008	Shalayda, Monica	7084
908707	3/26/2008	3/27/2008	3/31/2008	Masango, Charles	4/8/2008	Shalayda, Monica	7084

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: S478 **Site:** BP Hastings

Client: Haley & Aldrich

BNAMS

SOLID - 8270C

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
908708	3/26/2008	3/27/2008	3/31/2008	Masango, Charles	4/9/2008	Szczech, Anna	7084
908709	3/26/2008	3/27/2008	3/31/2008	Masango, Charles	4/9/2008	Szczech, Anna	7084

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: S478 **Site:** BP Hastings

Client: Haley & Aldrich

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
WATER							
908700	3/26/2008	3/27/2008	4/7/2008	Romero, Beisley	4/8/2008	Diaz, Carol	6822
SOLID							
908689	3/25/2008	3/27/2008	3/31/2008	Alinea, Archie	4/5/2008	Diaz, Carol	6792
908690	3/25/2008	3/27/2008	3/31/2008	Alinea, Archie	4/6/2008	Diaz, Carol	6792
908691	3/25/2008	3/27/2008	3/31/2008	Alinea, Archie	4/6/2008	Diaz, Carol	6792
908692	3/25/2008	3/27/2008	3/31/2008	Alinea, Archie	4/6/2008	Diaz, Carol	6792
908693	3/25/2008	3/27/2008	3/31/2008	Alinea, Archie	4/6/2008	Diaz, Carol	6792
908694	3/25/2008	3/27/2008	3/31/2008	Alinea, Archie	4/6/2008	Diaz, Carol	6792
908695	3/25/2008	3/27/2008	3/31/2008	Alinea, Archie	4/6/2008	Diaz, Carol	6792
908696	3/25/2008	3/27/2008	3/31/2008	Alinea, Archie	4/6/2008	Diaz, Carol	6792
908697	3/26/2008	3/27/2008	3/31/2008	Alinea, Archie	4/6/2008	Diaz, Carol	6792
908698	3/26/2008	3/27/2008	3/31/2008	Alinea, Archie	4/6/2008	Diaz, Carol	6792
908699	3/26/2008	3/27/2008	3/31/2008	Alinea, Archie	4/6/2008	Diaz, Carol	6792
908701	3/26/2008	3/27/2008	3/31/2008	Alinea, Archie	4/6/2008	Diaz, Carol	6792
908702	3/26/2008	3/27/2008	3/31/2008	Alinea, Archie	4/5/2008	Diaz, Carol	6792
908703	3/26/2008	3/27/2008	3/31/2008	Alinea, Archie	4/6/2008	Diaz, Carol	6792
908704	3/26/2008	3/27/2008	3/31/2008	Alinea, Archie	4/5/2008	Diaz, Carol	6792
908705	3/26/2008	3/27/2008	3/31/2008	Alinea, Archie	4/7/2008	Diaz, Carol	6792
908706	3/26/2008	3/27/2008	3/31/2008	Alinea, Archie	4/6/2008	Diaz, Carol	6792
908707	3/26/2008	3/27/2008	3/31/2008	Alinea, Archie	4/6/2008	Diaz, Carol	6792
908708	3/26/2008	3/27/2008	3/31/2008	Alinea, Archie	4/6/2008	Diaz, Carol	6792

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: S478 **Site:** BP Hastings

Client: Haley & Aldrich

PESTGC

8082

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
SOLID							
908709	3/26/2008	3/27/2008	3/31/2008	Alinea, Archie	4/6/2008	Diaz, Carol	6792

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in “Methods for Chemical Analysis of Water and Wastewater” (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication “Test Methods for Evaluating Solid Waste” (SW-846, 3rd Edition); samples are digested according to Method 3050B “Acid Digestion of Soil, Sediments and Sludges.”

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS –1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication “Test Methods for Evaluating Solid Waste” (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability - Method 1020A

Corrosivity - Water pH Method 9040B
Soil pH Method 9045C

Reactivity - Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release

Toxicity - TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

J - Mass spectral data indicates the presence of a compound that meets the identification criteria. The result is less than the specified detection limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Non-Conformance Summary

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Rd
Edison, NJ 08817
Ph. 732 549-3900 * *Fax* 732 549-3679

SDG NARRATIVE

TestAmerica

SDG No. S478

TA Edison Sample	Client ID
908689	HA115-032508-1645
908690	HA115-032508-1710
908691	HA115-032508-1720
908692	HA115-032508-1725
908693	HA115-032508-1730
908694	HA115-032508-1745
908695	HA115-032508-1750
908696	HA115-032508-1805
908697	HA115-032608-0900
908698	HA115-032608-0905
908699	HA115-032608-0910
908700	HA116-032608-1330
908701	HA116-032608-1355
908702	HA116-032608-1410
908703	HA116-032608-1435
908704	HA116-032608-1440
908705	HA116-032608-1445
908706	HA116-032608-1505
908707	HA116-032608-1510
908708	HA116-032608-1550
908709	HA116-032608-1555

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Rd
Edison, NJ 08817
Ph. 732 549-3900 * *Fax* 732 549-3679

Sample Receipt:

Sample delivery conforms to requirements.

Base/Neutral and/or Acid Extractable Organics (GC/MS):

QA Batch #7084:the extraction blank SB091 contains 7.8 ppb of benzoic acid.Sample results flagged with a B qualifier.
Sample #908700 extracted outside hold time.
Sample #908689:IS-Perylene-d12 internal standard area is <50%of the most recent continuing calibration standard area.The sample extract was reanalyzed confirming matrix interference.
Samples#908699,702,and 705:surrogate recovery of 2,4,6-Tribromophenol is biased low.

Pesticides/PCBs:

All data conforms with method requirements.

I certify that this data package is in compliance with the terms of the contract NY ASP B both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this data package has been authorized by the laboratory manager or his designee.

Alison Sedlak

Alison Sedlak
Project Manager

GC/MS Forms and Data (Semivolatiles)

Results Summary and Chromatograms

Client ID: **032508-1645**
Site: BP Hastings

Lab Sample No: **908689**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/10/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34148.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 5.0
% Moisture: 20

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	2100
2-Chlorophenol	ND	2100
2-Methylphenol	ND	2100
4-Methylphenol	ND	2100
2-Nitrophenol	ND	2100
2,4-Dimethylphenol	ND	2100
2,4-Dichlorophenol	ND	2100
4-Chloro-3-methylphenol	ND	2100
2,4,6-Trichlorophenol	ND	2100
2,4,5-Trichlorophenol	ND	2100
2,4-Dinitrophenol	ND	6200
4-Nitrophenol	ND	6200
4,6-Dinitro-2-methylphenol	ND	6200
Pentachlorophenol	ND	6200

Client ID: **032508-1645**
Site: BP Hastings

Lab Sample No: **908689**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/10/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34148.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 5.0
% Moisture: 20

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	210
1,3-Dichlorobenzene	ND	2100
1,4-Dichlorobenzene	ND	2100
1,2-Dichlorobenzene	ND	2100
bis(2-chloroisopropyl)ether	ND	2100
N-Nitroso-di-n-propylamine	ND	210
Hexachloroethane	ND	210
Nitrobenzene	ND	210
Isophorone	ND	2100
bis(2-Chloroethoxy)methane	ND	2100
1,2,4-Trichlorobenzene	ND	210
Naphthalene	120 J	2100
4-Chloroaniline	ND	2100
Hexachlorobutadiene	ND	420
2-Methylnaphthalene	170 J	2100
Hexachlorocyclopentadiene	ND	2100
2-Chloronaphthalene	190 J	2100
2-Nitroaniline	ND	4200
Dimethylphthalate	ND	2100
Acenaphthylene	ND	2100
2,6-Dinitrotoluene	ND	420
3-Nitroaniline	ND	4200
Acenaphthene	ND	2100
Dibenzofuran	ND	2100
2,4-Dinitrotoluene	ND	420
Diethylphthalate	ND	2100
4-Chlorophenyl-phenylether	ND	2100
Fluorene	48 J	2100
4-Nitroaniline	ND	4200
N-Nitrosodiphenylamine	ND	2100
4-Bromophenyl-phenylether	ND	2100
Hexachlorobenzene	ND	210
Phenanthrene	200 J	2100
Anthracene	67 J	2100

Client ID: **032508-1645**
Site: BP Hastings

Lab Sample No: **908689**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/10/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34148.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 5.0
% Moisture: 20

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	2100
Di-n-butylphthalate	ND	2100
Fluoranthene	380 J	2100
Pyrene	710 J	2100
Butylbenzylphthalate	ND	2100
3,3'-Dichlorobenzidine	ND	4200
Benzo(a)anthracene	ND	210
Chrysene	ND	2100
bis(2-Ethylhexyl)phthalate	4100	2100
Di-n-octylphthalate	2400	2100
Benzo(b)fluoranthene	ND	210
Benzo(k)fluoranthene	ND	210
Benzo(a)pyrene	290	210
Indeno(1,2,3-cd)pyrene	ND	210
Dibenz(a,h)anthracene	ND	210
Benzo(g,h,i)perylene	ND	2100

Client ID: **032508-1645**
Site: BP Hastings

Lab Sample No: **908689**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/10/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34148.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 5.0
% Moisture: 19.7

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Tetrachloromethylnaphthalene isomer	11.28	44000	
2.	Pentachloro-1,1'-biphenyl isomer	12.06	66000	
3.	Pentachloro-1,1'-biphenyl isomer	12.39	18000	
4.	Hexachloro-1,1'-biphenyl isomer	12.49	15000	
5.	Unknown	12.58	13000	
6.	Hexachloro-1,1'-biphenyl isomer	12.61	19000	
7.	Hexachloro-1,1'-biphenyl isomer	12.82	25000	
8.	Heptachloro-1,1'-biphenyl isomer	12.98	14000	
9.	Hexachloro-1,1'-biphenyl isomer	13.08	16000	
10.	Heptachloro-1,1'-biphenyl isomer	13.23	14000	
11.	Heptachloro-1,1'-biphenyl isomer	13.30	8600	
12.	Heptachloro-1,1'-biphenyl isomer	13.49	21000	
13.	Heptachloro-1,1'-biphenyl isomer	13.54	13000	
14.	Octachloro-1,1'-biphenyl isomer	13.63	9000	
15.	Heptachloro-1,1'-biphenyl isomer	14.04	16000	
16.	Octachloro-1,1'-biphenyl isomer	14.14	24000	
17.	Unknown	14.21	23000	
18.	Octachloro-1,1'-biphenyl isomer	14.53	8300	
19.	Octachloro-1,1'-biphenyl isomer	14.73	19000	
20.	Nonachloro-1,1'-biphenyl isomer	15.16	240000	
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 625900

Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d
Report Date: 10-Apr-2008 17:25

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d
Lab Smp Id: 908689 Client Smp ID: 032508-1645
Inj Date : 10-APR-2008 15:37
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : 908689;4225883
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS6.i/8270/04-10-08/10apr08.b/8270C_08.m
Meth Date : 10-Apr-2008 12:05 monica Quant Type: ISTD
Cal Date : 10-APR-2008 10:30 Cal File: m34136.d
Als bottle: 18
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	19.70000	% Moisture

Cpnd Variable Local Compound Variable

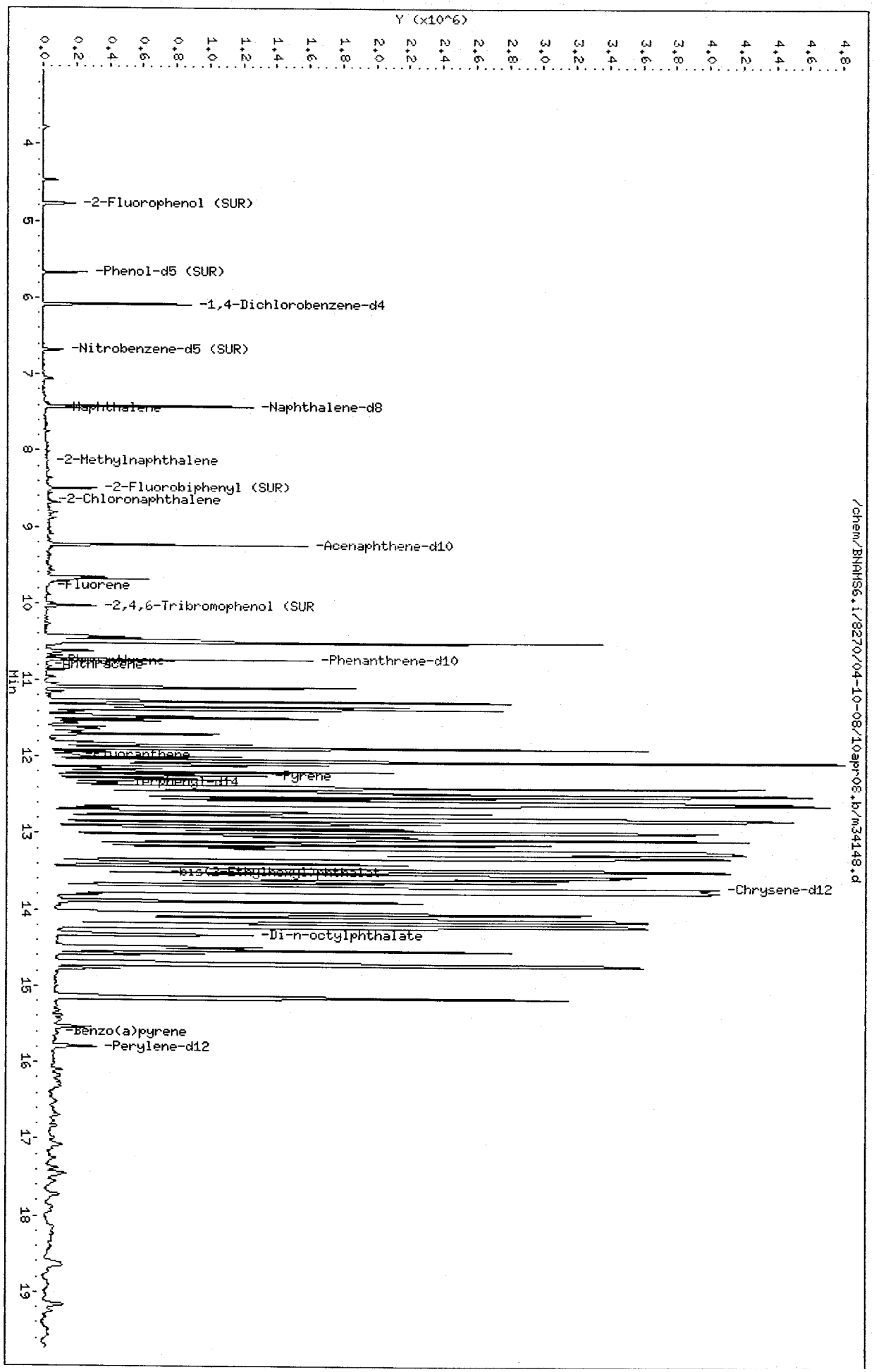
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.774	4.767	(0.784)	75649	15.6131	6500
$ 17 Phenol-d5 (SUR)	99	5.671	5.670	(0.931)	102116	16.0429	6600
* 79 1,4-Dichlorobenzene-d4	152	6.090	6.087	(1.000)	160081	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	6.680	6.681	(0.900)	40750	7.40881	3100
* 80 Naphthalene-d8	136	7.422	7.416	(1.000)	653955	40.0000	
31 Naphthalene	128	7.436	7.439	(1.002)	4585	0.28445	120(a)
34 2-Methylnaphthalene	142	8.138	8.132	(1.096)	4396	0.41647	170(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.500	8.500	(0.920)	101692	8.17797	3400
36 2-Chloronaphthalene	162	8.645	8.639	(0.936)	4959	0.46511	190(a)
* 82 Acenaphthene-d10	164	9.239	9.234	(1.000)	405903	40.0000	
47 Fluorene	166	9.765	9.768	(1.057)	1482	0.11492	48(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	10.038	10.033	(1.086)	39168	16.0830	6700
* 83 Phenanthrene-d10	188	10.733	10.731	(1.000)	672694	40.0000	

Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d
Report Date: 10-Apr-2008 17:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	52 Phenanthrene	178	10.755	10.754	(1.002)	9692	0.49623	200(a)
	53 Anthracene	178	10.800	10.797	(1.006)	3181	0.16215	67(a)
	56 Fluoranthene	202	11.982	11.961	(1.116)	17848	0.90764	380(a)
	57 Pyrene	202	12.246	12.215	(0.898)	23650	1.71636	710(aH)
$	78 Terphenyl-d14	244	12.329	12.295	(0.904)	100617	9.72783	4000
	63 bis(2-Ethylhexyl)phthalate	149	13.513	13.458	(0.991)	124573	9.85623	4100(H)
*	81 Chrysene-d12	240	13.703	13.649	(1.000)	503706	40.0000	(H)
	64 Di-n-octylphthalate	149	14.323	14.264	(0.907)	41573	5.87689	2400
	67 Benzo(a)pyrene	252	15.612	15.668	(0.989)	3075	0.70443	290(H)
*	84 Perylene-d12	264	15.793	15.779	(1.000)	151155	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.


Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d
Date : 10-APR-2008 15:37
Client ID: 032508-1645
Sample Info: 908689;4225883
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Methylnaphthalene
-2-Fluorobiphenyl (SUR)
-2-Chloronaphthalene
-Acenaphthene-d10
-Fluorene
-2,4,6-Tribromophenol (SUR
-Phenanthrene-d10
-Pyrene
-Chrysene-d12
-Di-n-octylphthalate
-Benzo(a)pyrene
-Perylene-d12

Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d

Date : 10-APR-2008 15:37

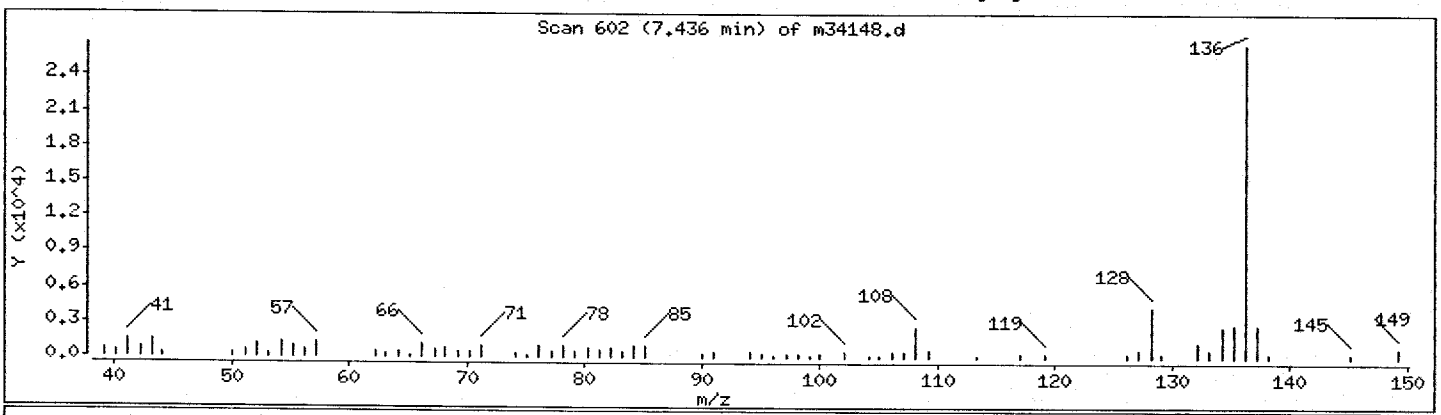
Client ID: 032508-1645 Instrument: BNAMS6.i

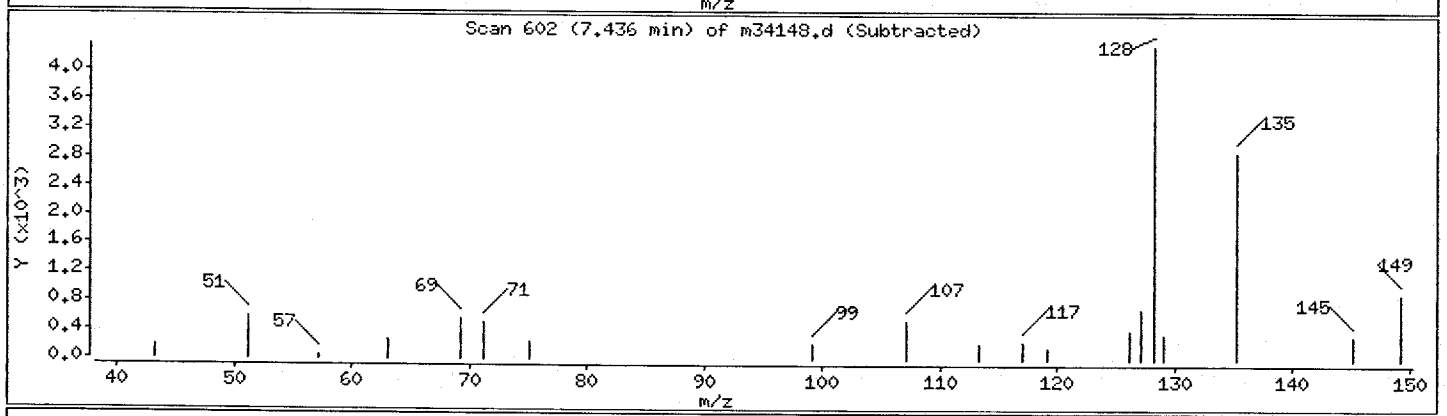
Sample Info: 908689;4225883

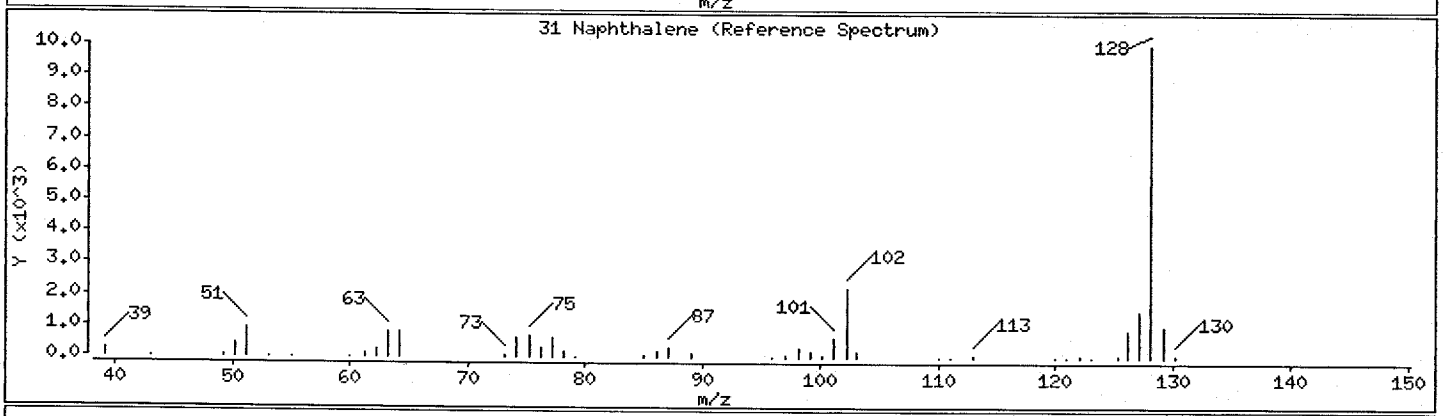
Operator: BNAMS 4

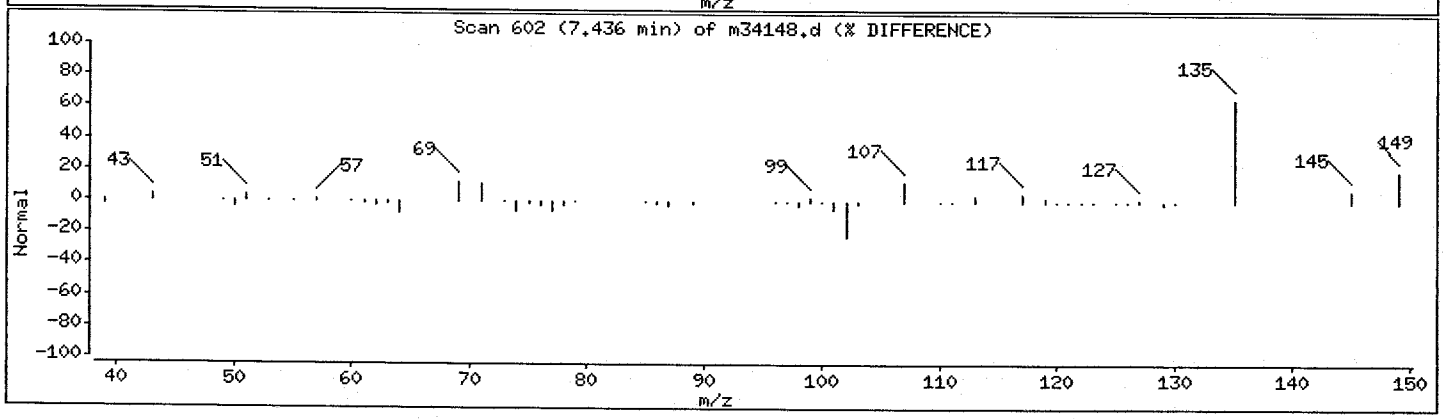
Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 120 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d

Date : 10-APR-2008 15:37

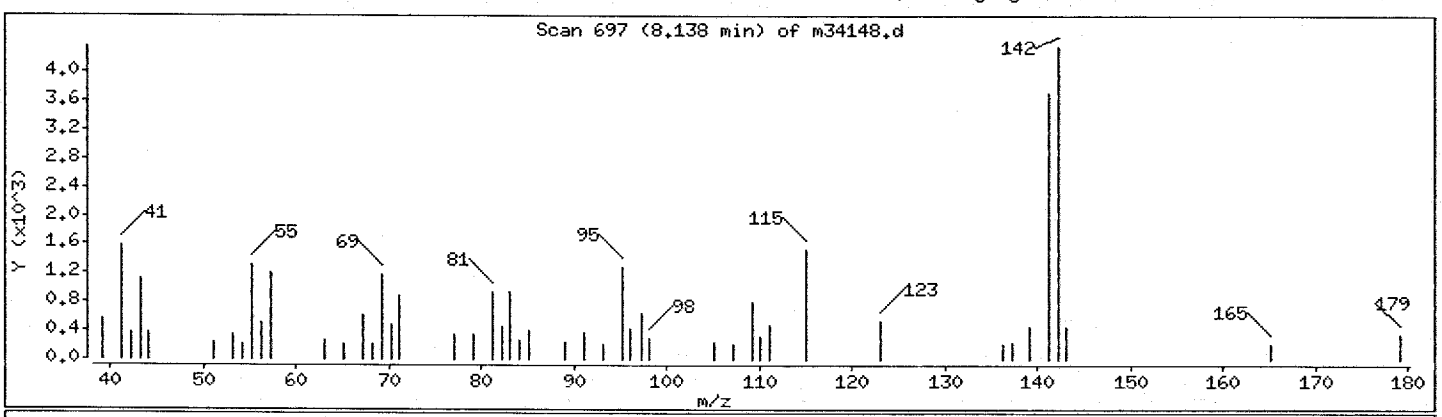
Client ID: 032508-1645 Instrument: BNAMS6.i

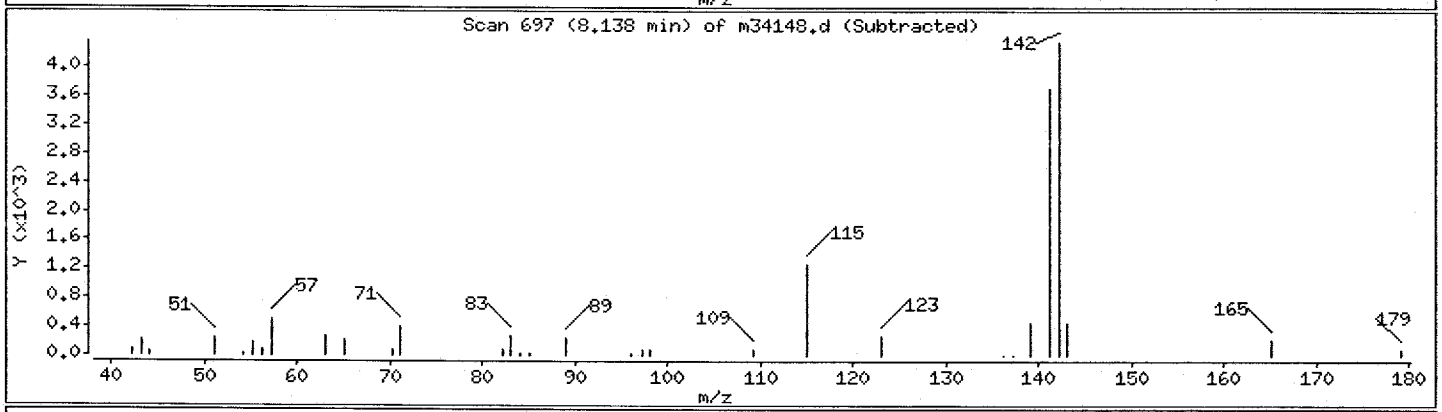
Sample Info: 908689;4225883

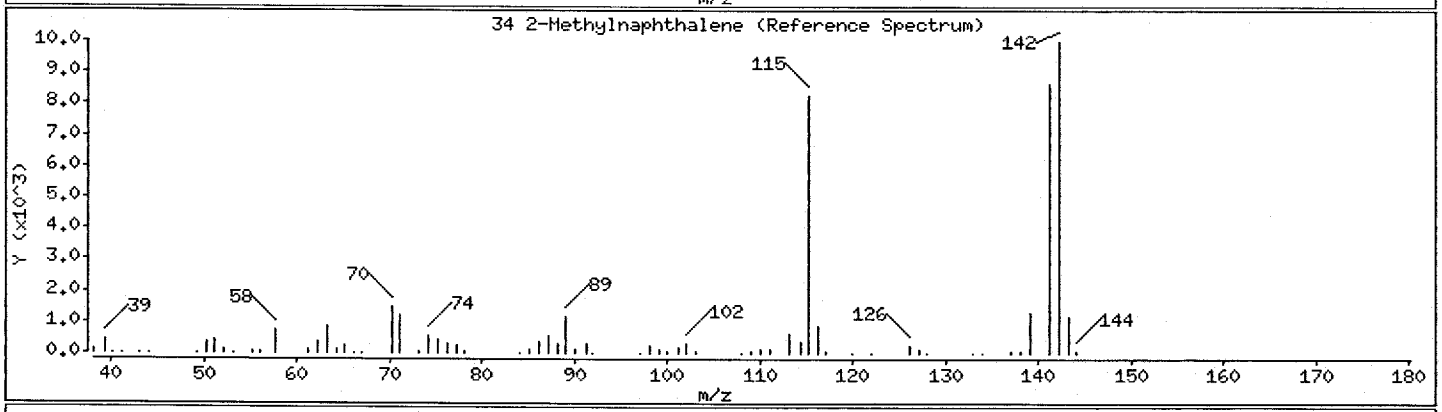
Operator: BNAMS 4

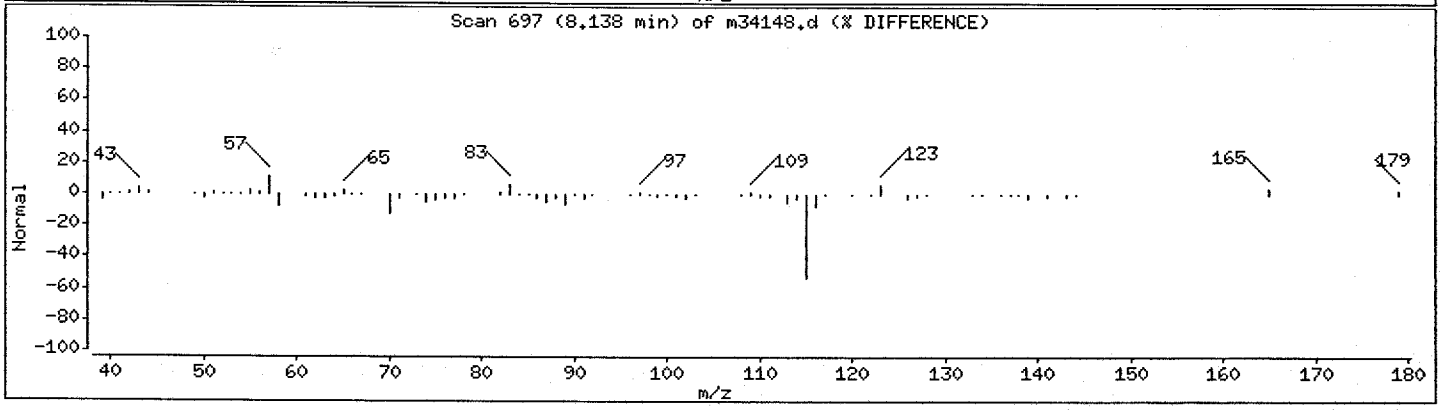
Column phase: DB-5 Column diameter: 0.25

34 2-Methylnaphthalene Concentration: 170 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d

Date : 10-APR-2008 15:37

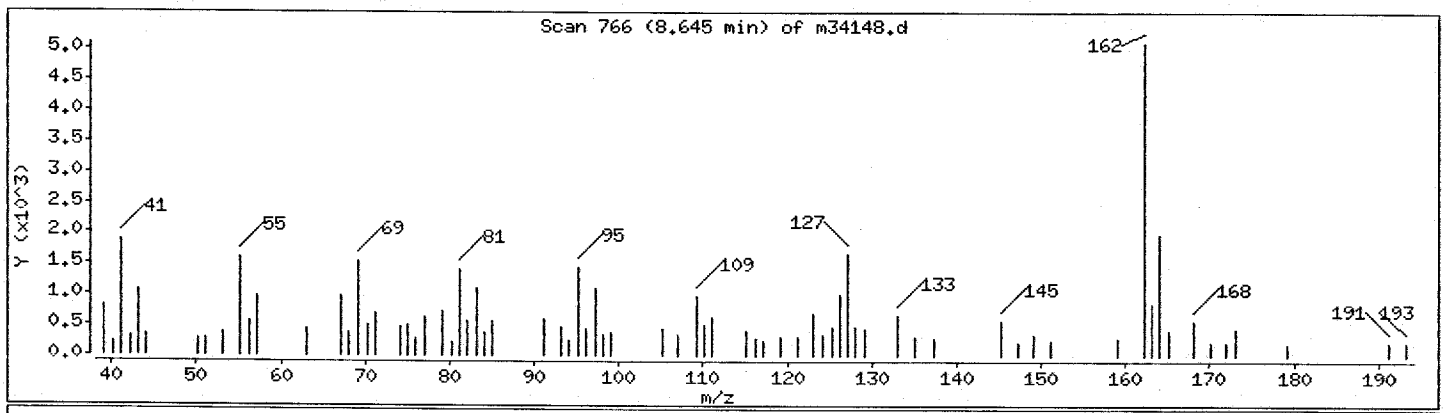
Client ID: 032508-1645 Instrument: BNAMS6.i

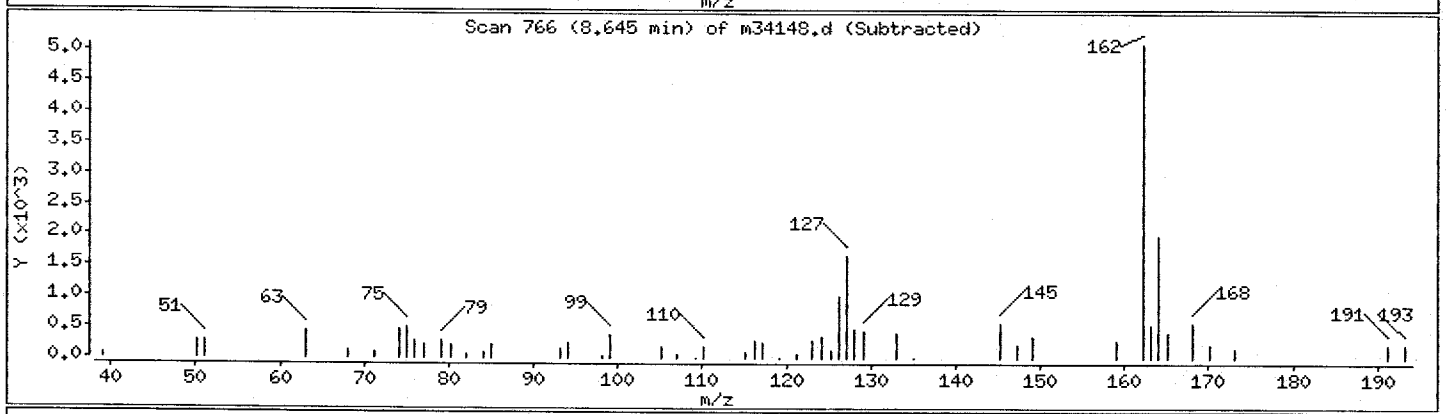
Sample Info: 908689;4225883

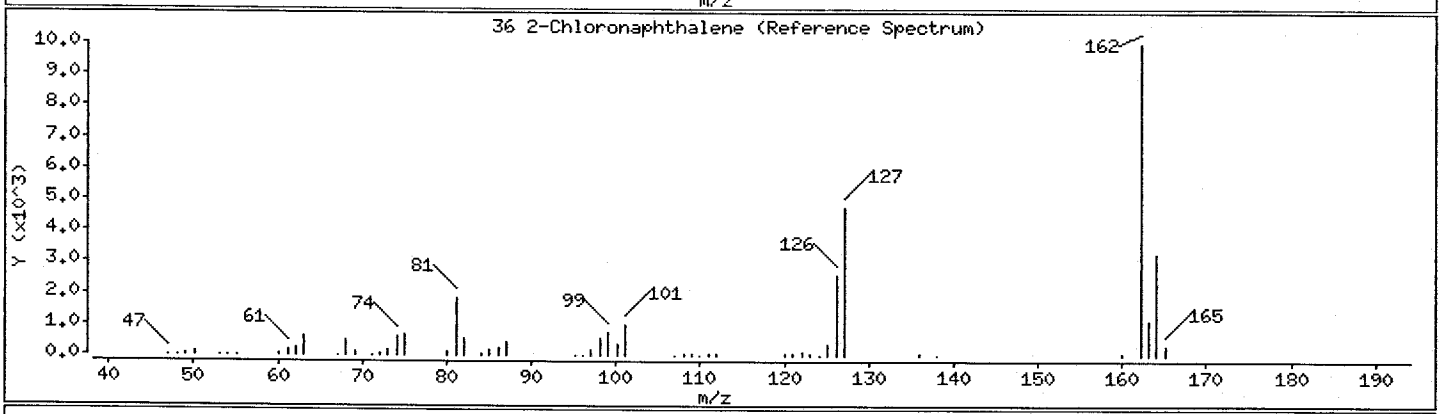
Operator: BNAMS 4

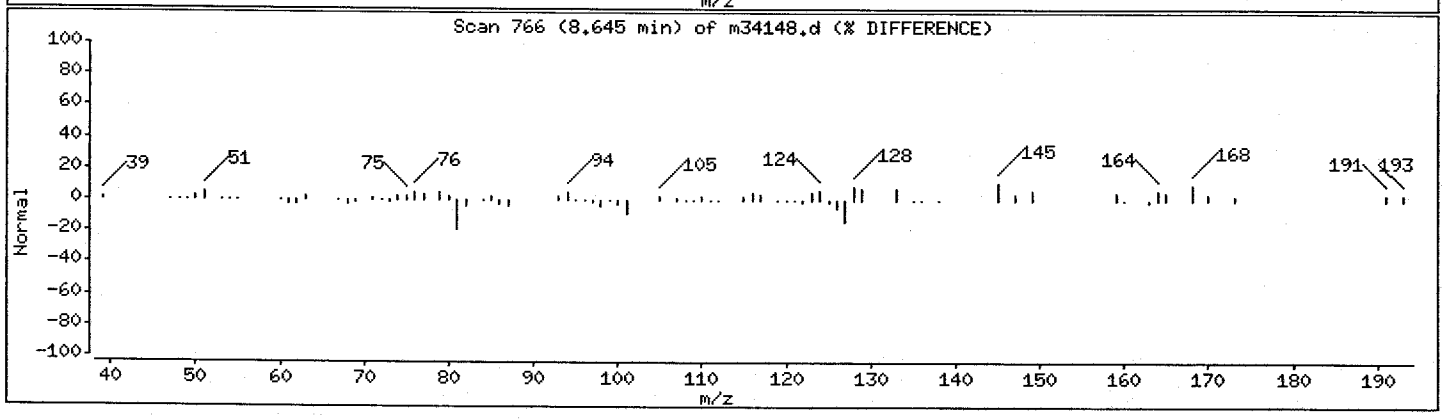
Column phase: DB-5 Column diameter: 0.25

36 2-Chloronaphthalene Concentration: 190 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d

Date : 10-APR-2008 15:37

Client ID: 032508-1645

Instrument: BNAMS6.i

Sample Info: 908689;4225883

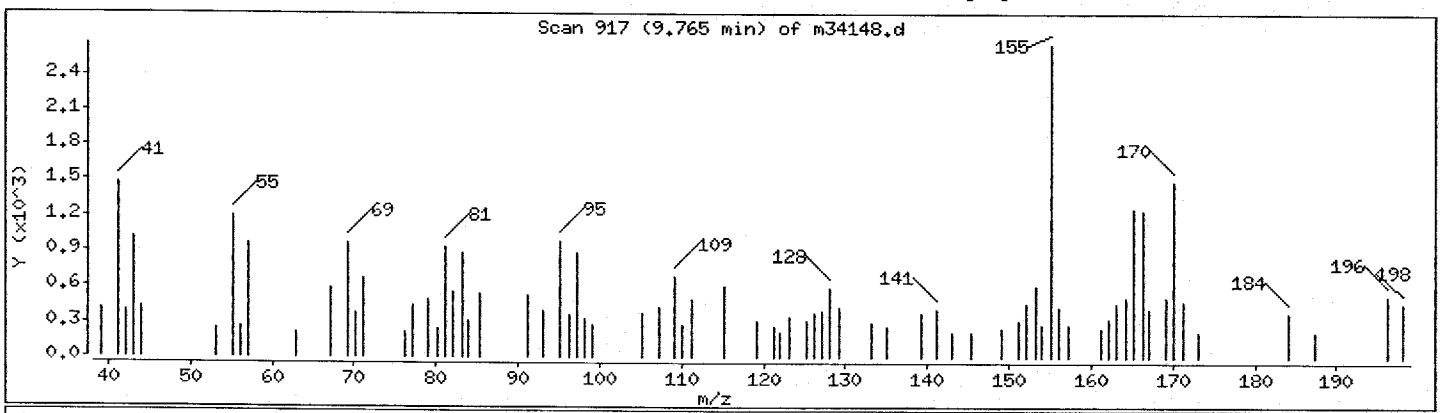
Operator: BNAMS 4

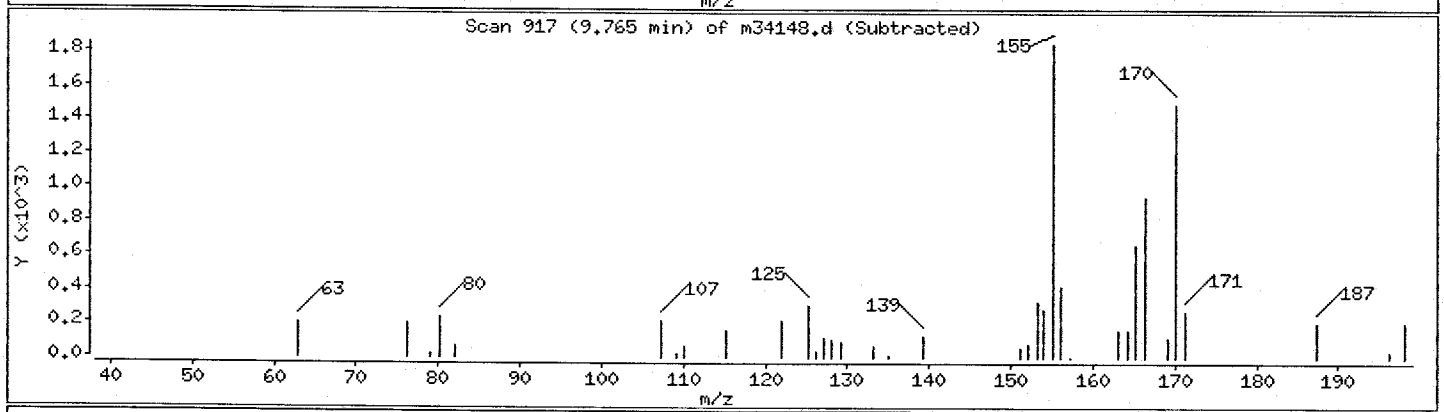
Column phase: DB-5

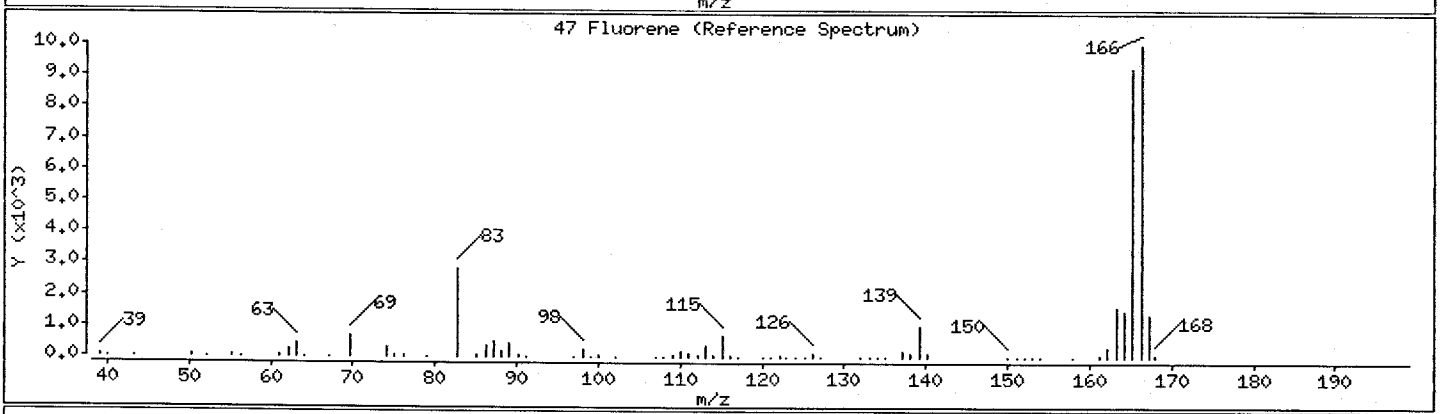
Column diameter: 0.25

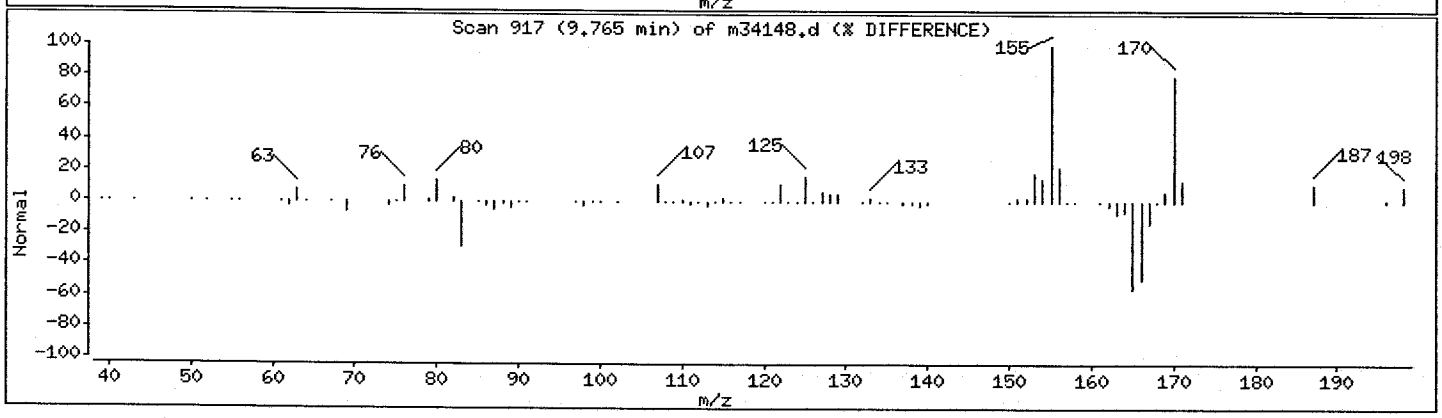
47 Fluorene

Concentration: 48 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d

Date : 10-APR-2008 15:37

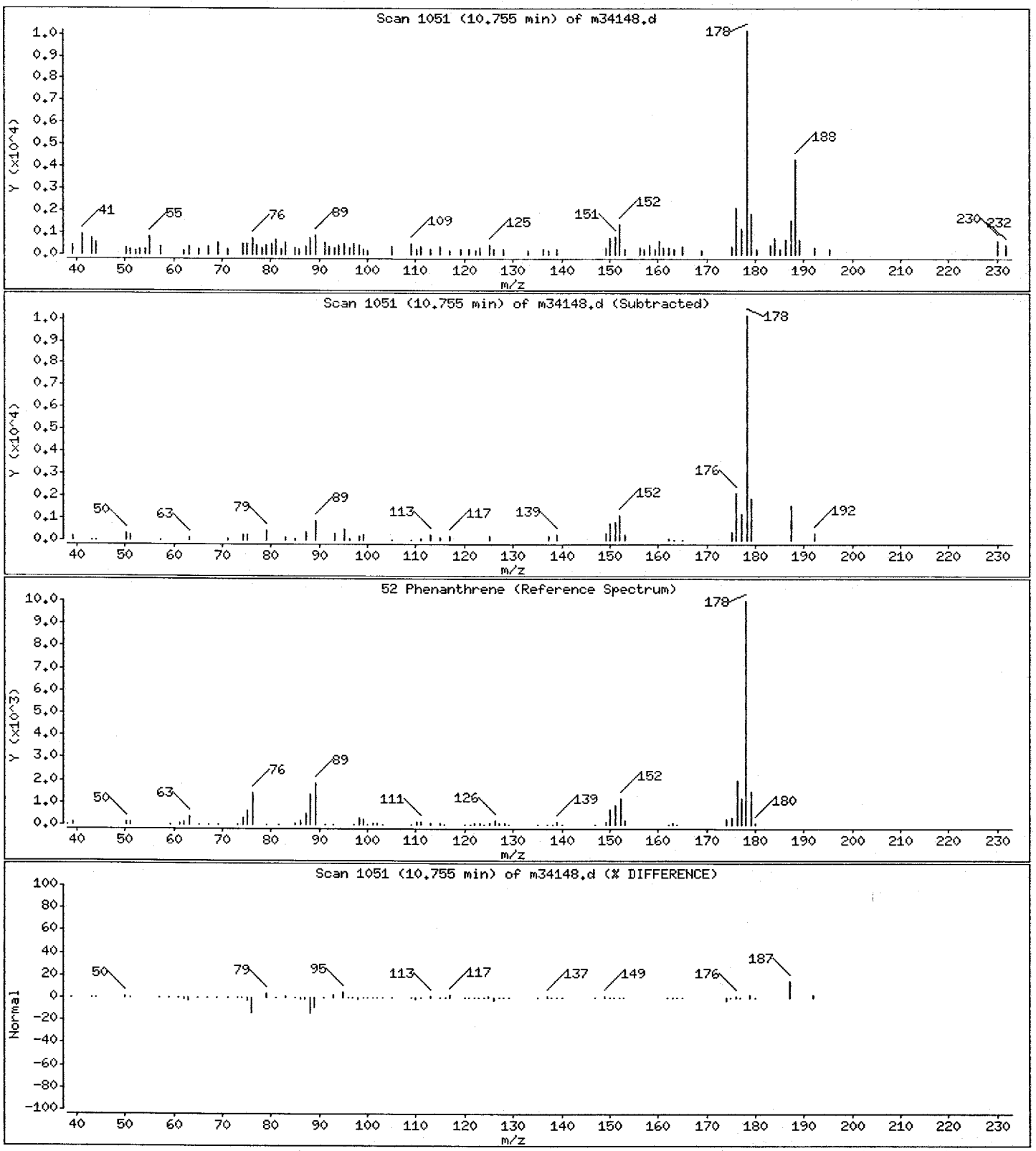
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

52 Phenanthrene Concentration: 200 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d

Date : 10-APR-2008 15:37

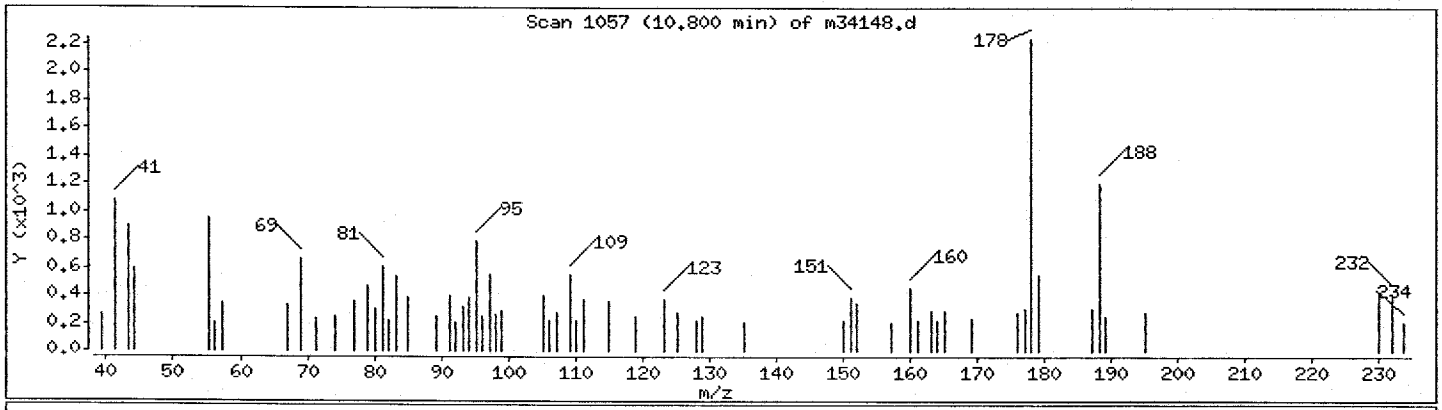
Client ID: 032508-1645 Instrument: BNAMS6.i

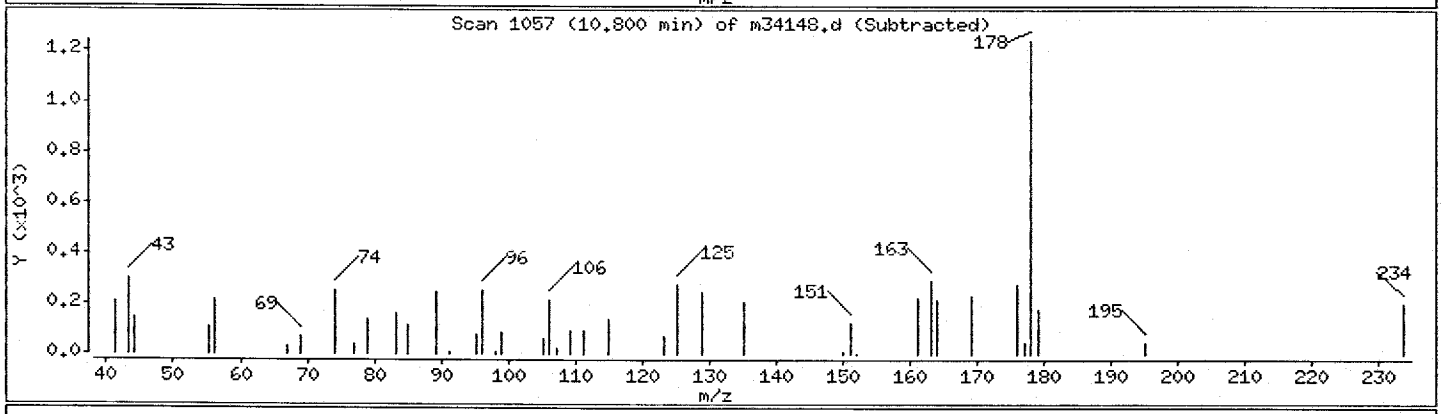
Sample Info: 908689;4225883

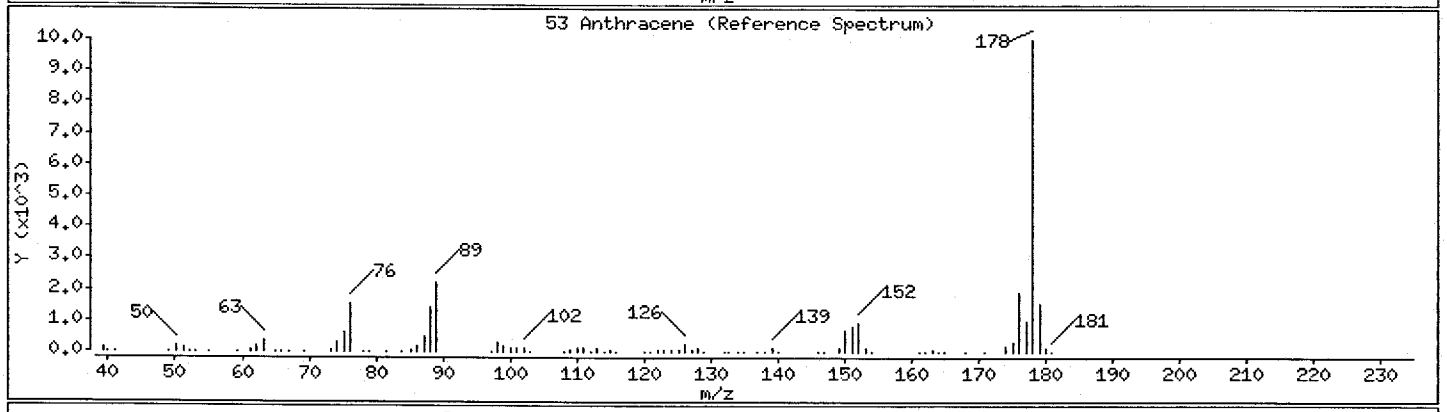
Operator: BNAMS 4

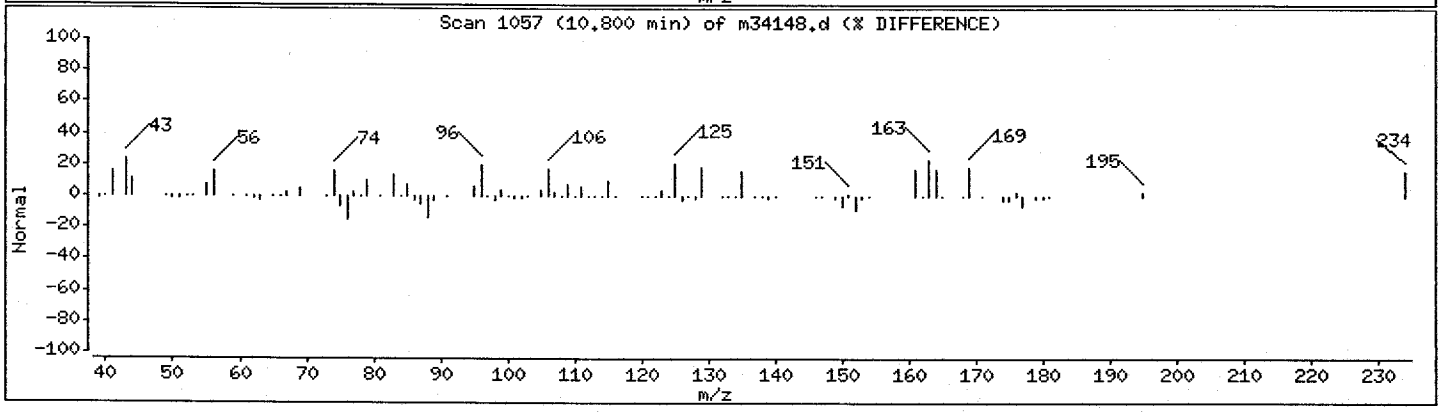
Column phase: DB-5 Column diameter: 0.25

53 Anthracene Concentration: 67 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d

Date : 10-APR-2008 15:37

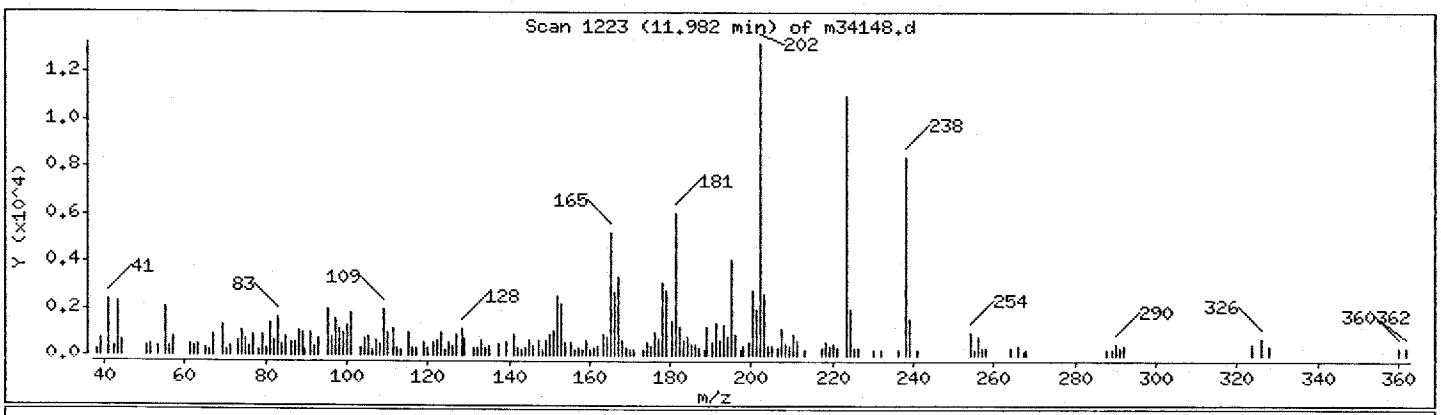
Client ID: 032508-1645 Instrument: BNAMS6.i

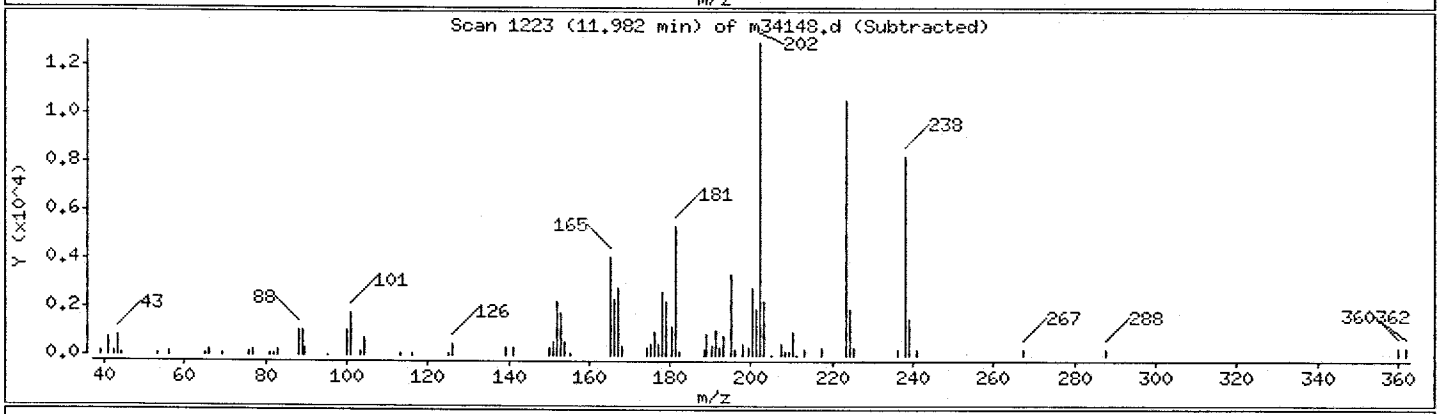
Sample Info: 908689;4225883

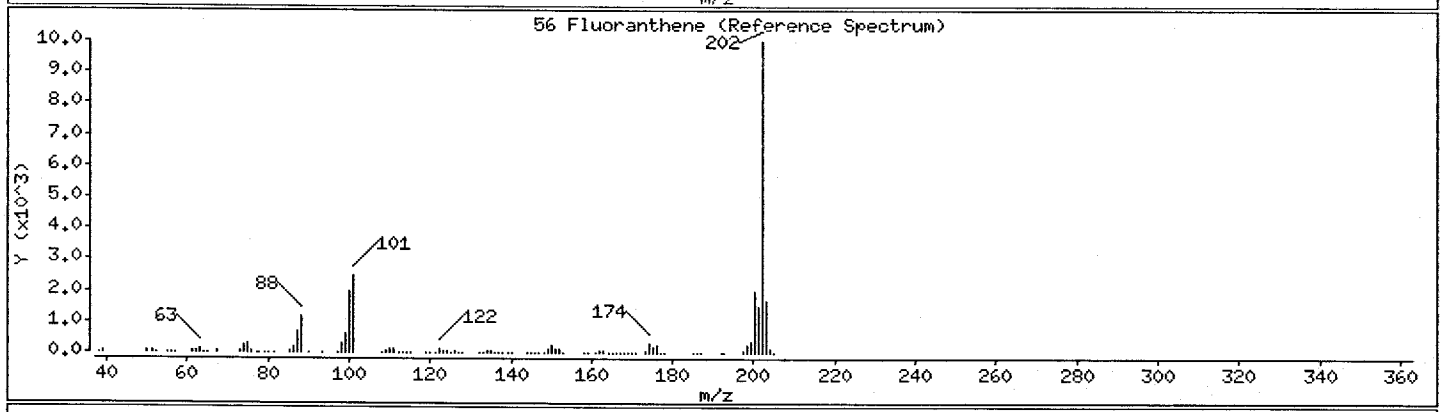
Operator: BNAMS 4

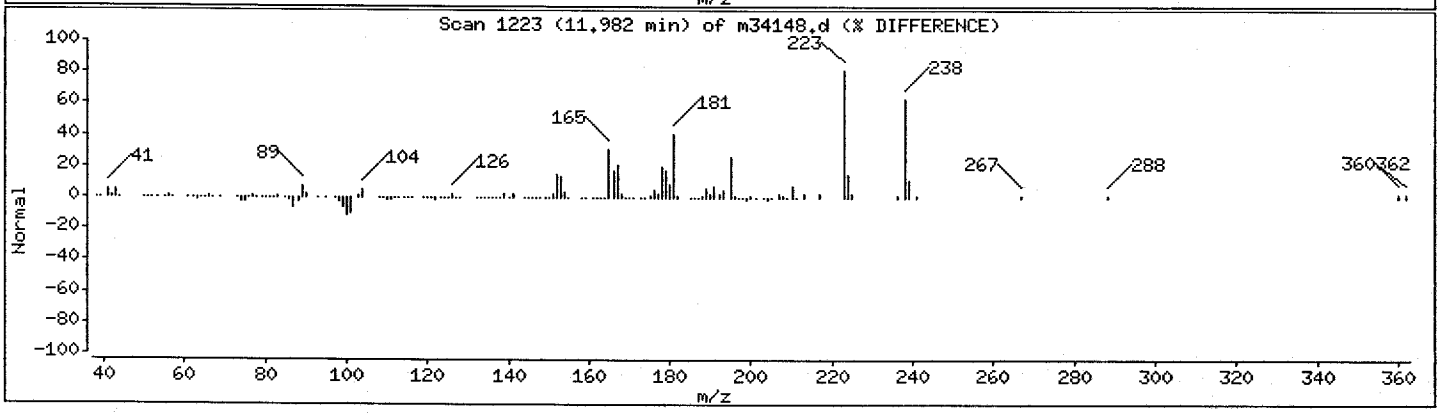
Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 380 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d

Date : 10-APR-2008 15:37

Client ID: 032508-1645

Instrument: BNAMS6.i

Sample Info: 908689;4225883

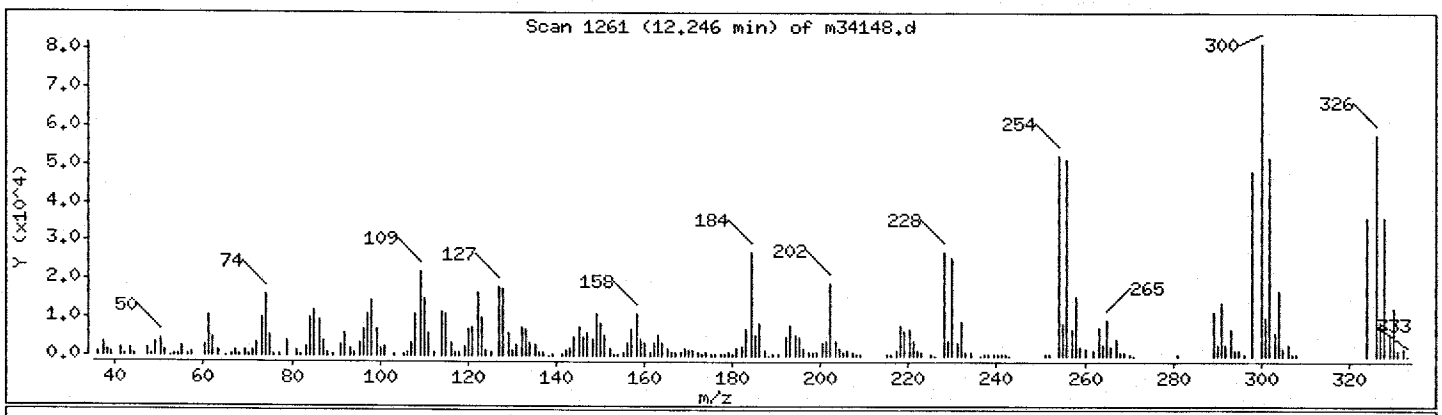
Operator: BNAMS 4

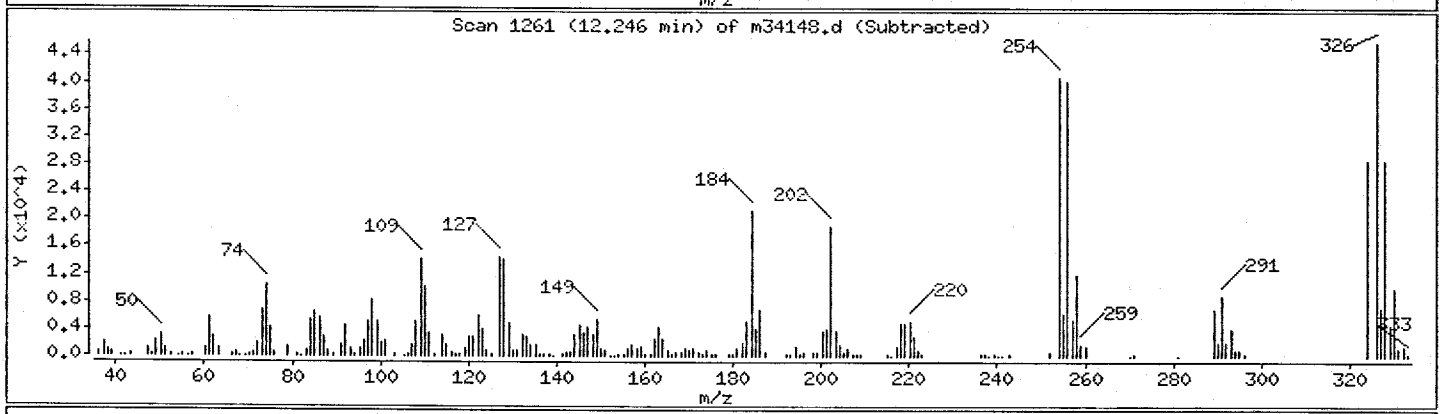
Column phase: DB-5

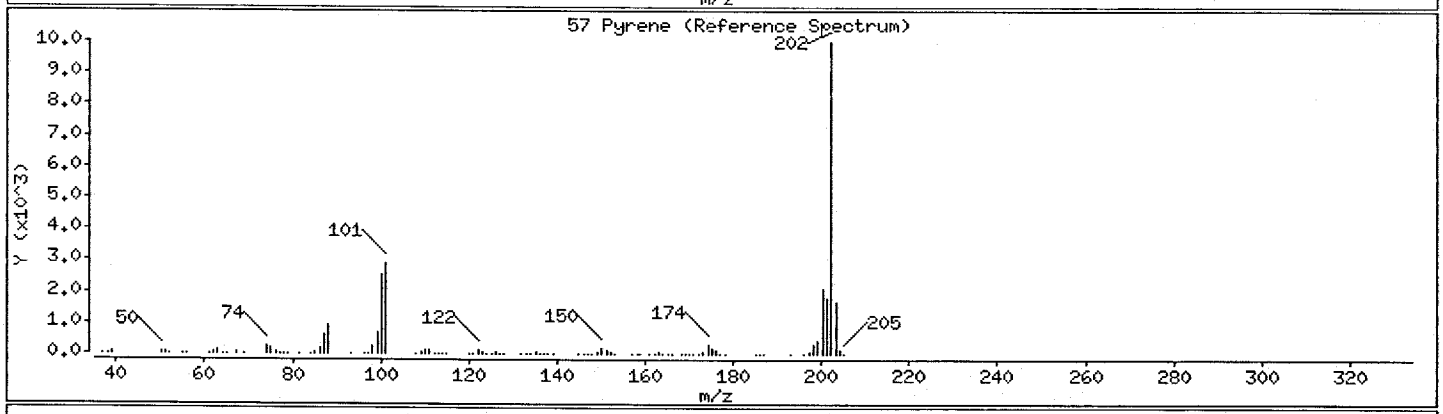
Column diameter: 0.25

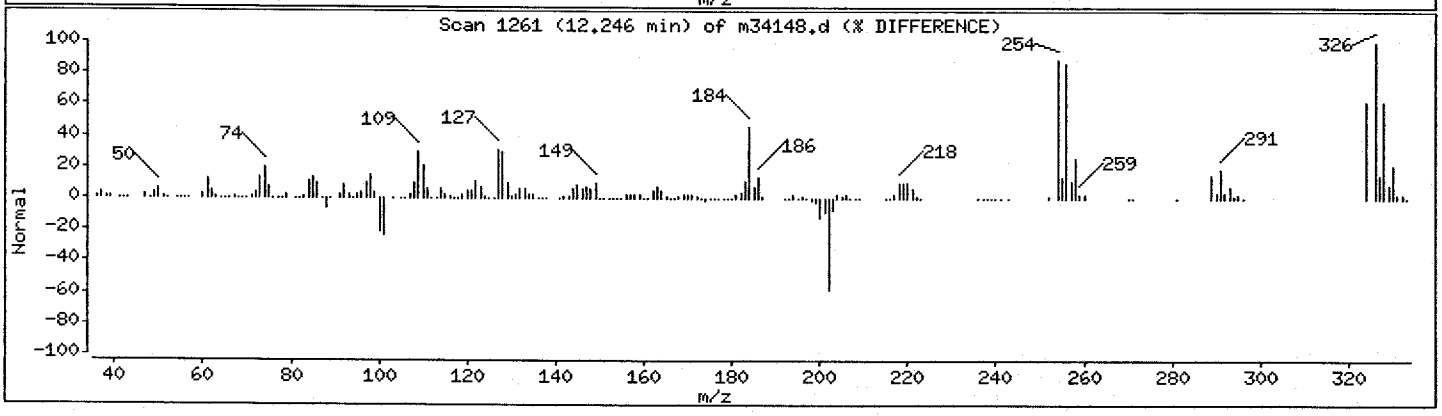
57 Pyrene

Concentration: 710 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d

Date : 10-APR-2008 15:37

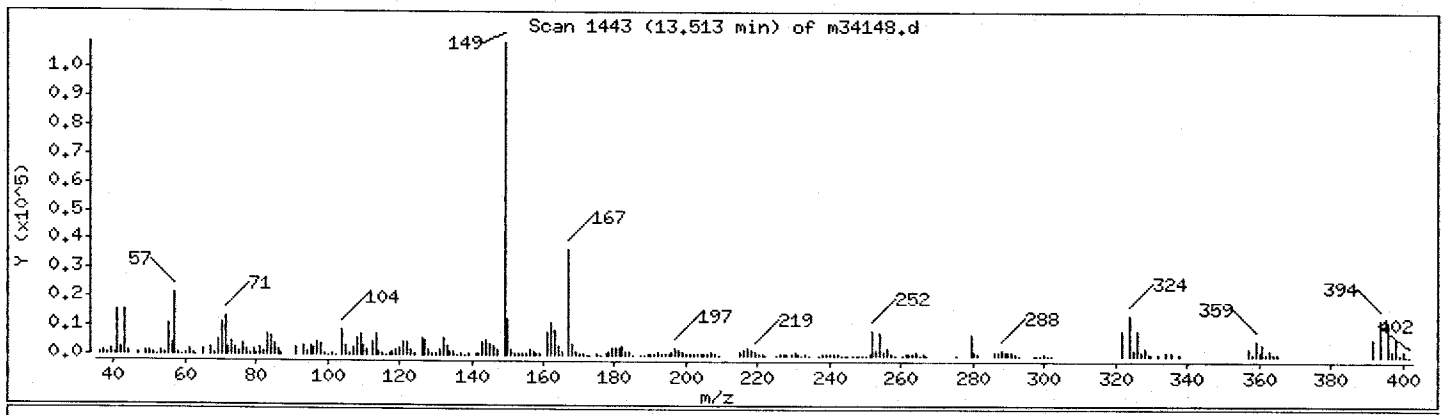
Client ID: 032508-1645 Instrument: BNAMS6.i

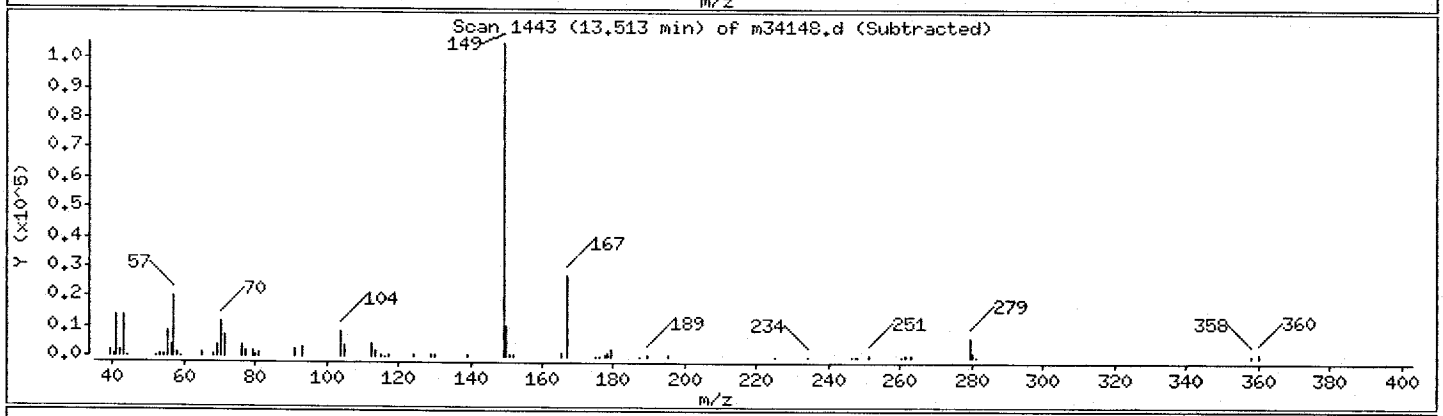
Sample Info: 908689;4225883

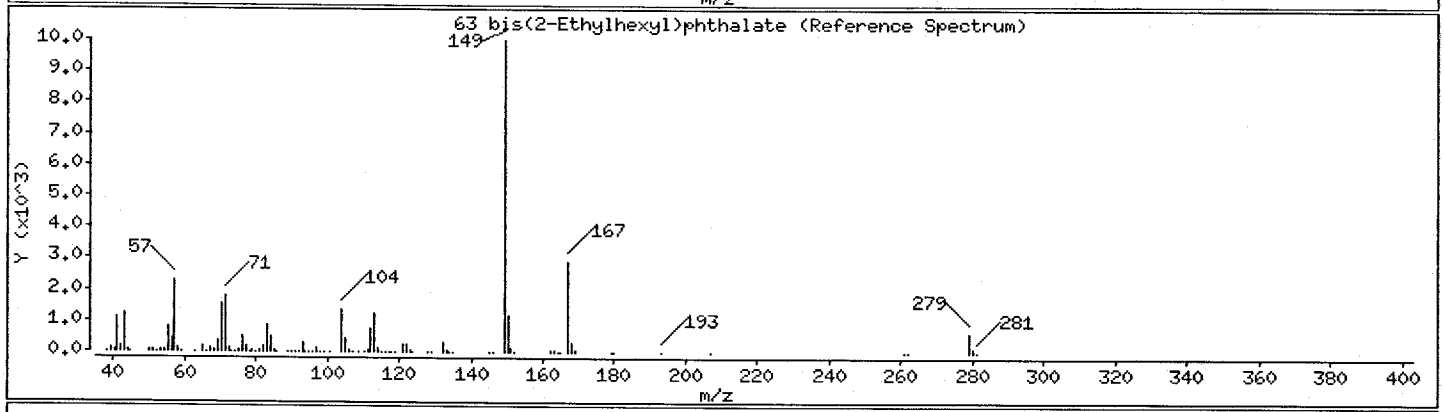
Operator: BNAMS 4

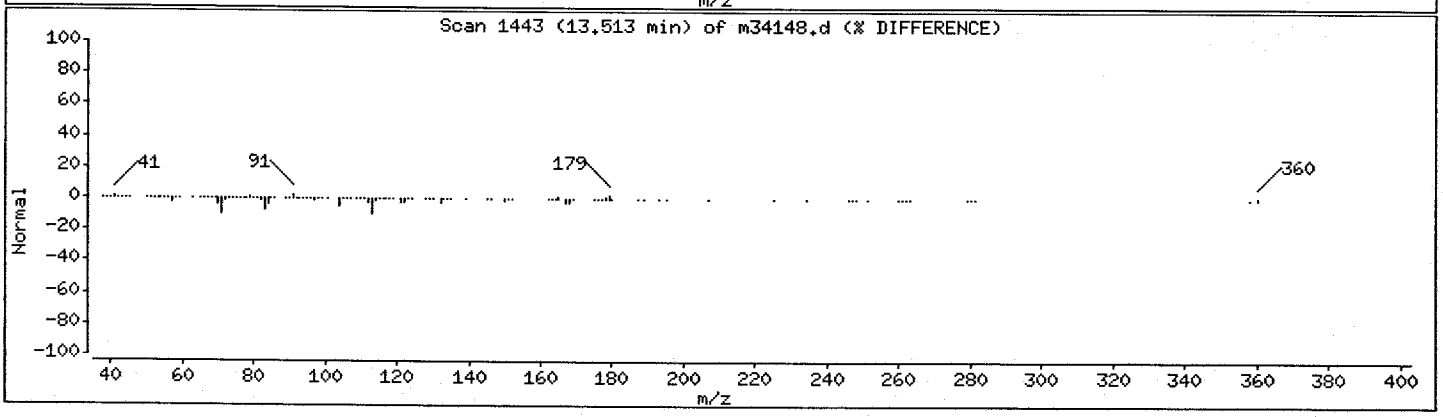
Column phase: DB-5 Column diameter: 0.25

63 bis(2-Ethylhexyl)phthalate Concentration: 4100 ug/Kg









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Date : 10-APR-2008 15:37

Client ID: 032508-1645

Instrument: BNAMS6.i

Sample Info: 908689;4225883

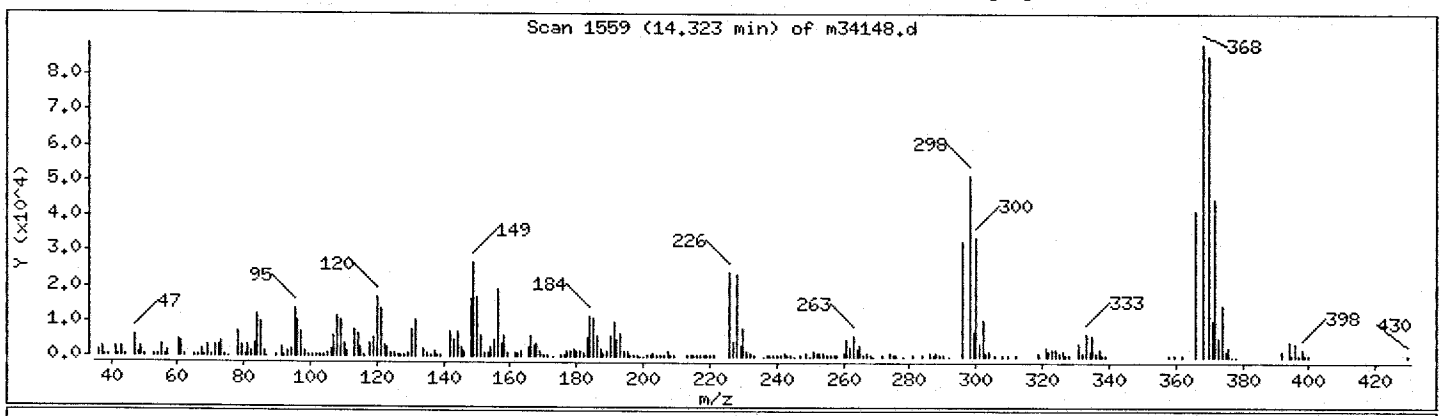
Operator: BNAMS 4

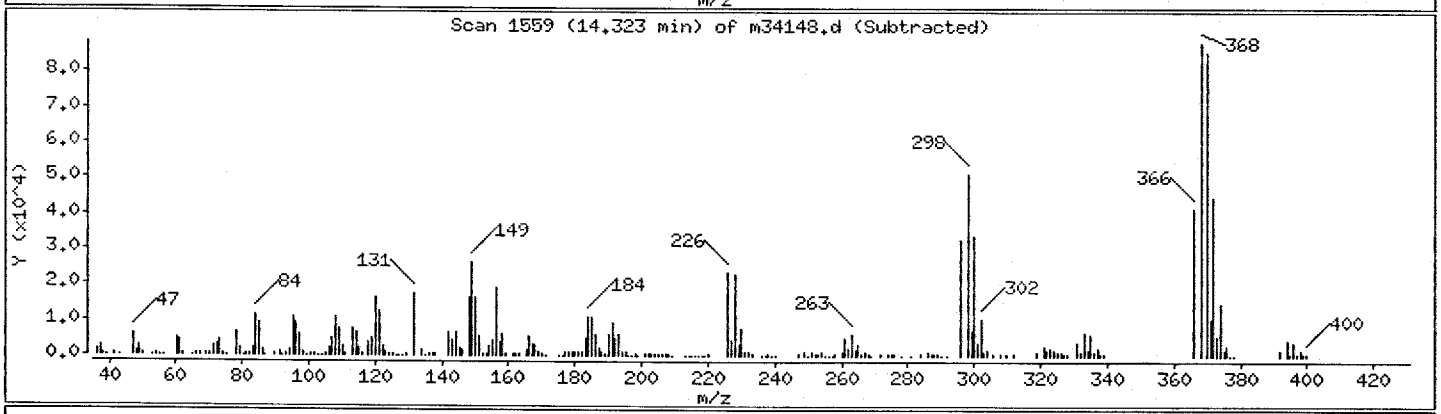
Column phase: DB-5

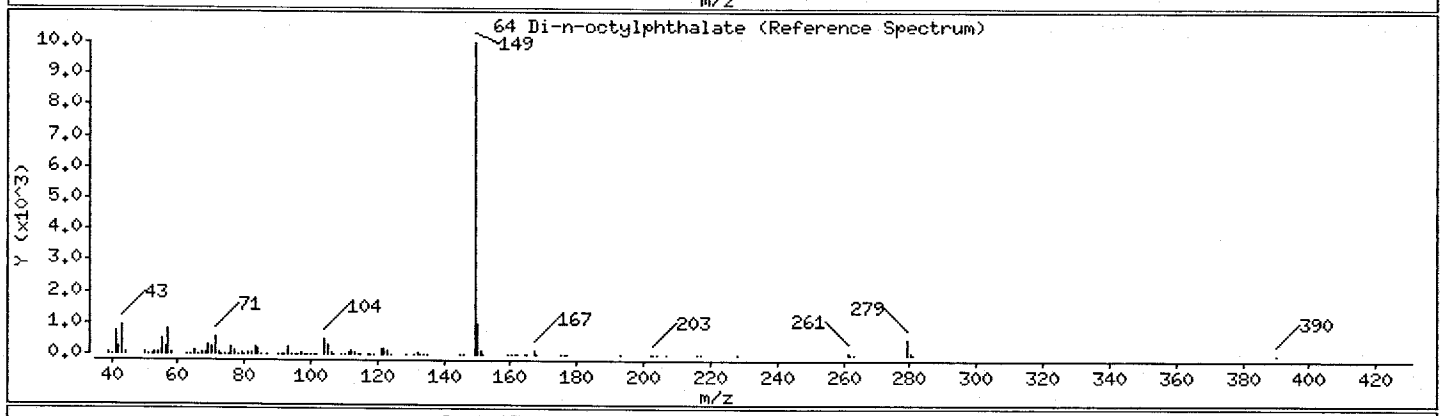
Column diameter: 0.25

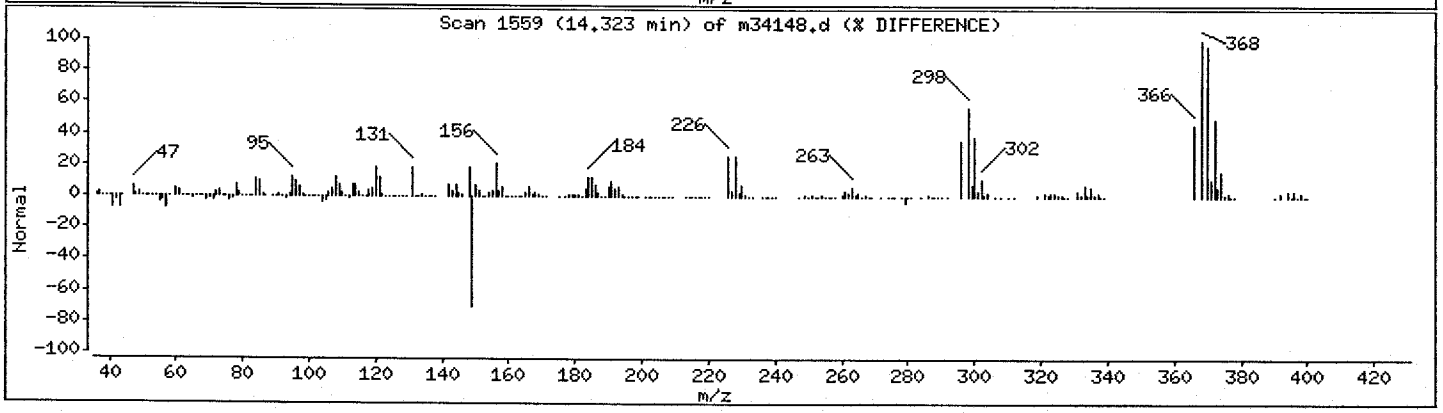
64 Di-n-octylphthalate

Concentration: 2400 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d

Date : 10-APR-2008 15:37

Client ID: 032508-1645

Instrument: BNAMS6.i

Sample Info: 908689;4225883

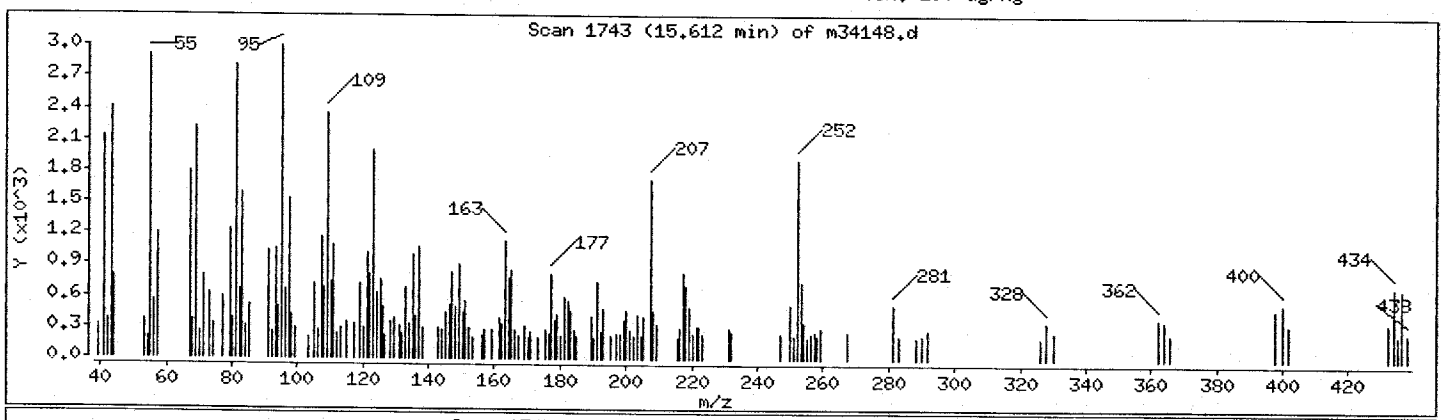
Operator: BNAMS 4

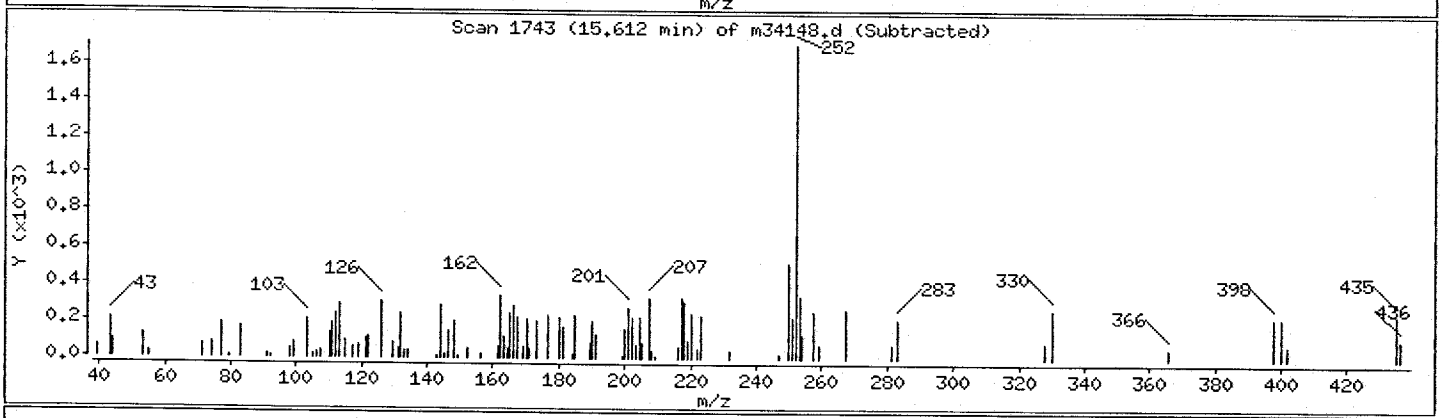
Column phase: DB-5

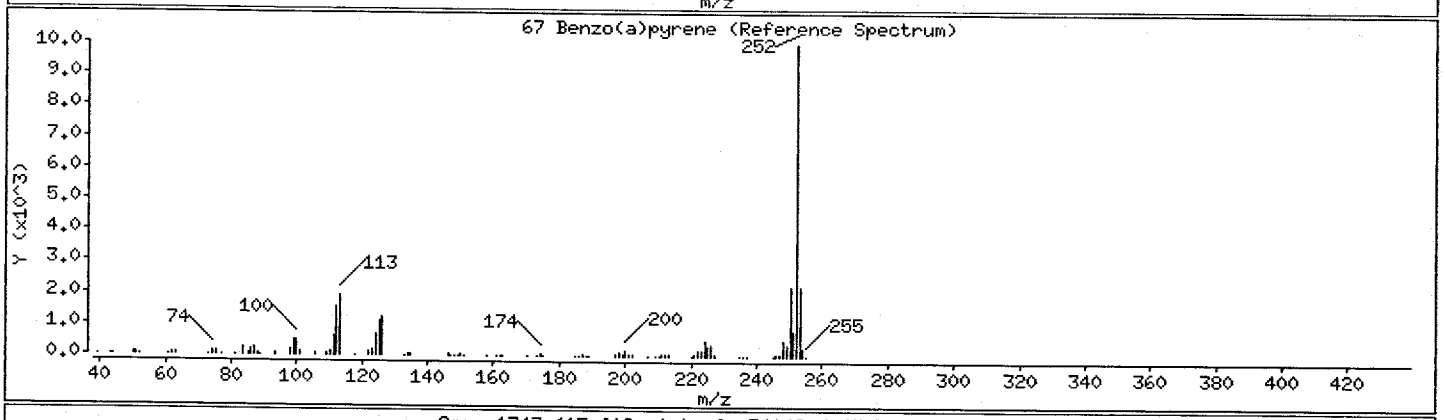
Column diameter: 0.25

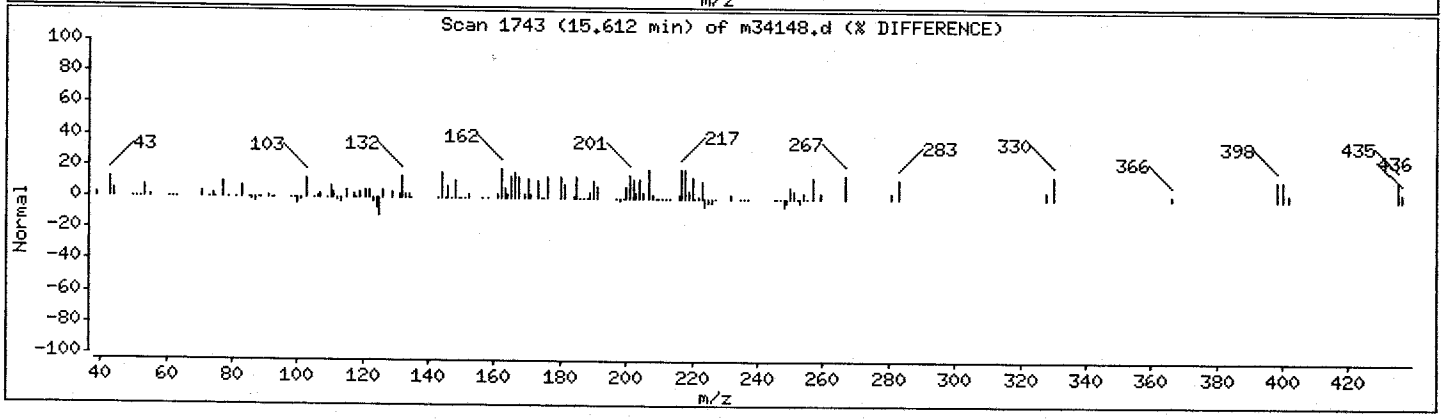
67 Benzo(a)pyrene

Concentration: 290 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d

Date : 10-APR-2008 15:37

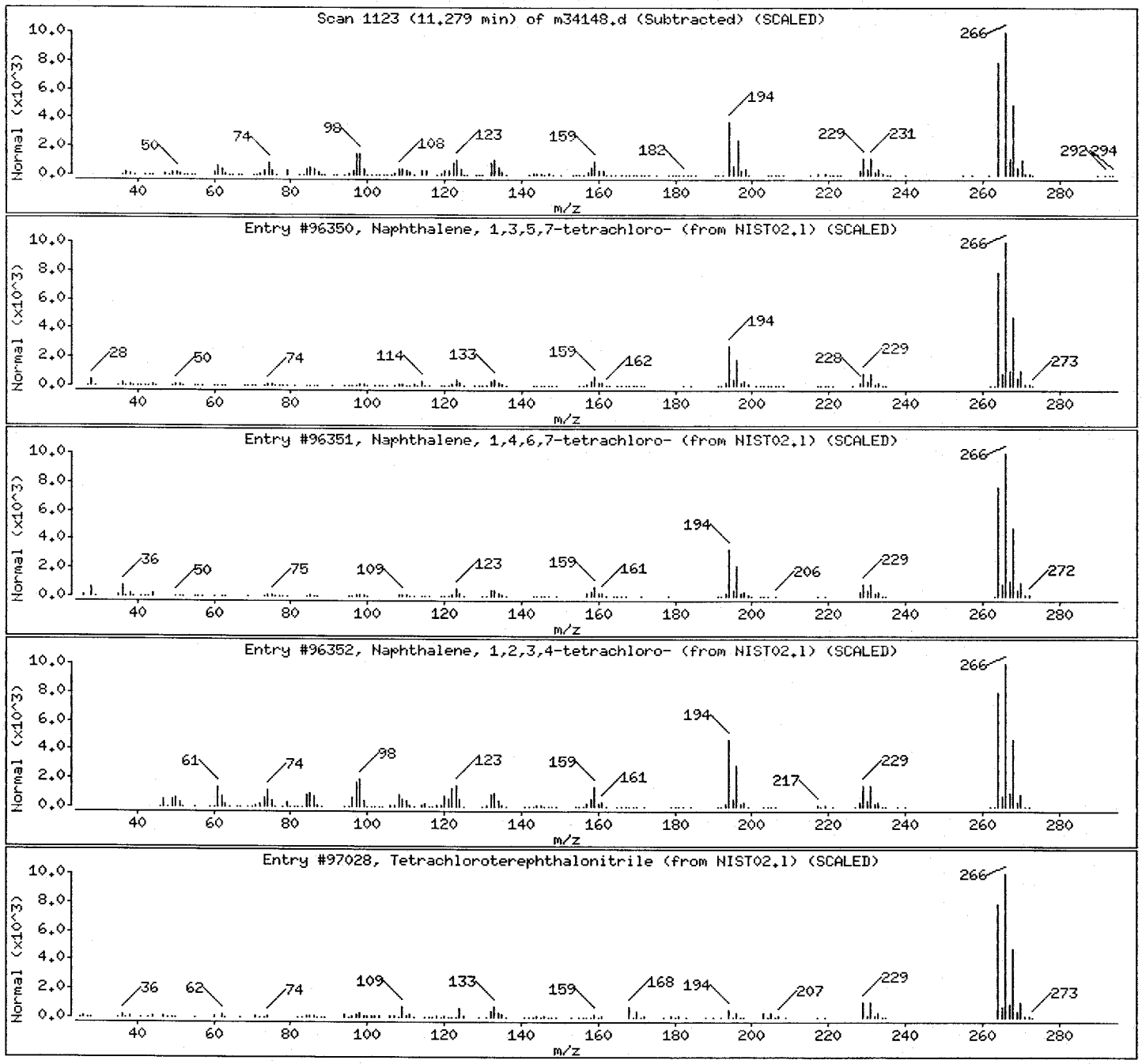
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloromethylnaphthalene isomer						
Naphthalene, 1,3,5,7-tetrachloro-	53555-64-9	NIST02.l	96350	99	C10H4Cl4	264
Naphthalene, 1,4,6,7-tetrachloro-	55720-43-9	NIST02.l	96351	99	C10H4Cl4	264
Naphthalene, 1,2,3,4-tetrachloro-	20020-02-4	NIST02.l	96352	95	C10H4Cl4	264
Tetrachloroterephthalonitrile	1897-41-2	NIST02.l	97028	93	C8Cl4N2	264



Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d

Date : 10-APR-2008 15:37

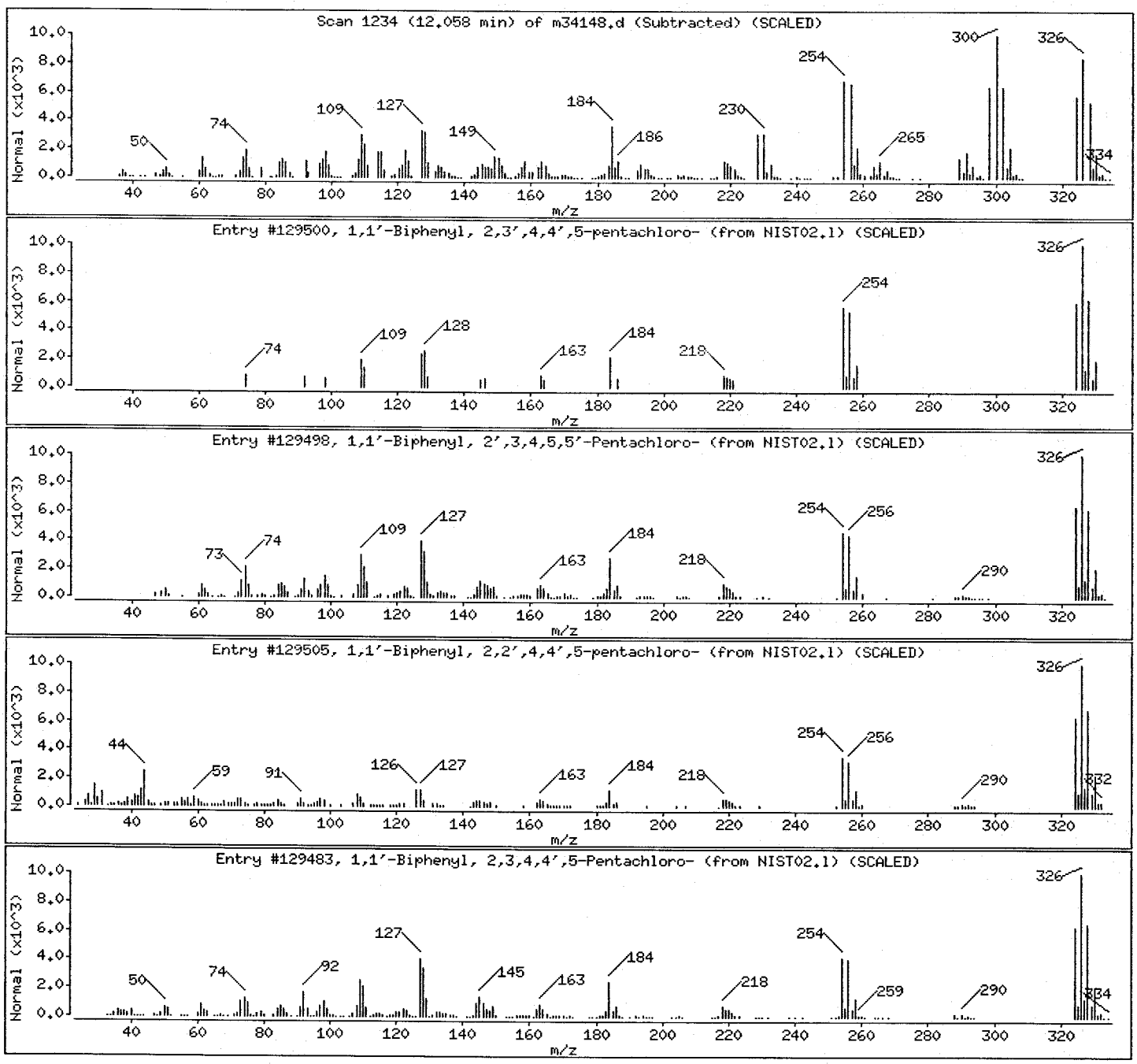
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	31508-00-6	NIST02.l	129500	96	C12H5Cl5	324
1,1'-Biphenyl, 2',3,4,5,5'-Pentachloro-	70424-70-3	NIST02.l	129498	96	C12H5Cl5	324
1,1'-Biphenyl, 2,2',4,4',5-pentachloro-	38380-01-7	NIST02.l	129505	95	C12H5Cl5	324
1,1'-Biphenyl, 2,3,4,4',5-Pentachloro-	74472-37-0	NIST02.l	129483	95	C12H5Cl5	324



Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34148.d

Date : 10-APR-2008 15:37

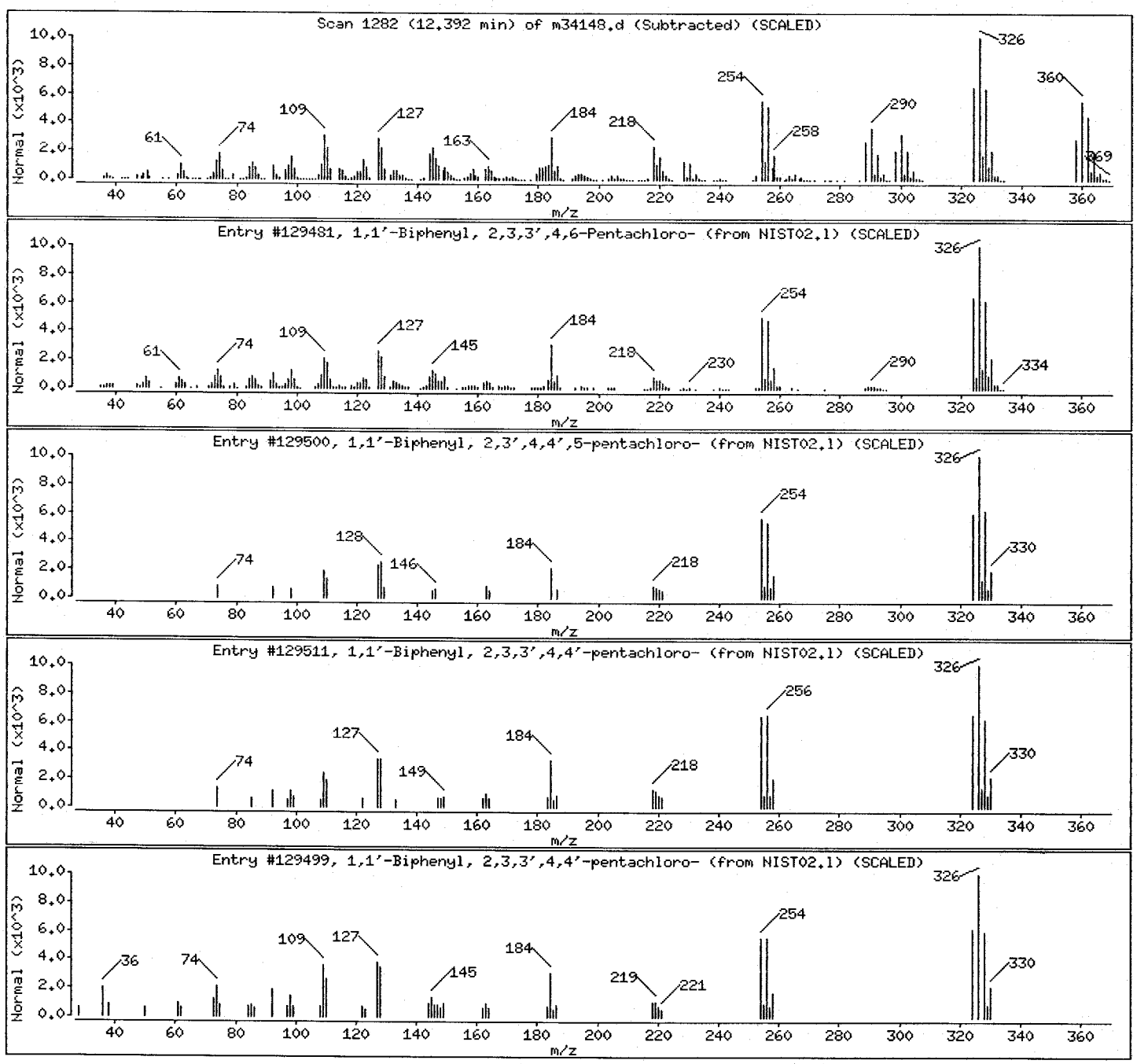
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,6-Pentachloro-	74472-35-8	NIST02.l	129481	98	C12H5C15	324
1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	31508-00-6	NIST02.l	129500	97	C12H5C15	324
1,1'-Biphenyl, 2,3,3',4,4'-pentachloro-	32598-14-4	NIST02.l	129511	97	C12H5C15	324
1,1'-Biphenyl, 2,3,3',4,4'-pentachloro-	32598-14-4	NIST02.l	129499	97	C12H5C15	324



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Date : 10-APR-2008 15:37

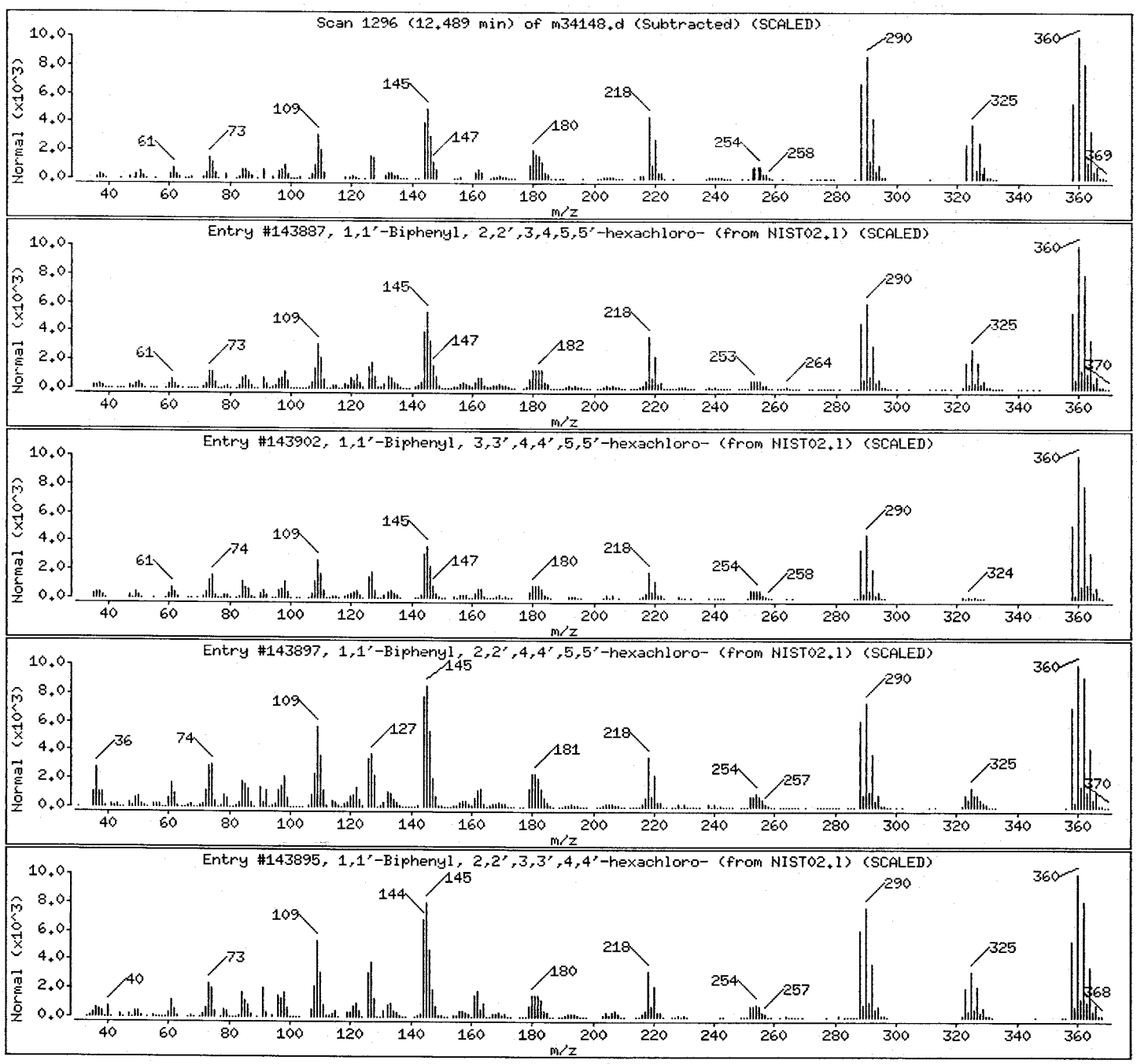
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,5,5'-hexachloro-	52712-04-6	NIST02.l	143887	99	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	35065-27-1	NIST02.l	143897	98	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,4'-hexachloro	38380-07-3	NIST02.l	143895	98	C12H4Cl6	358



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Date : 10-APR-2008 15:37

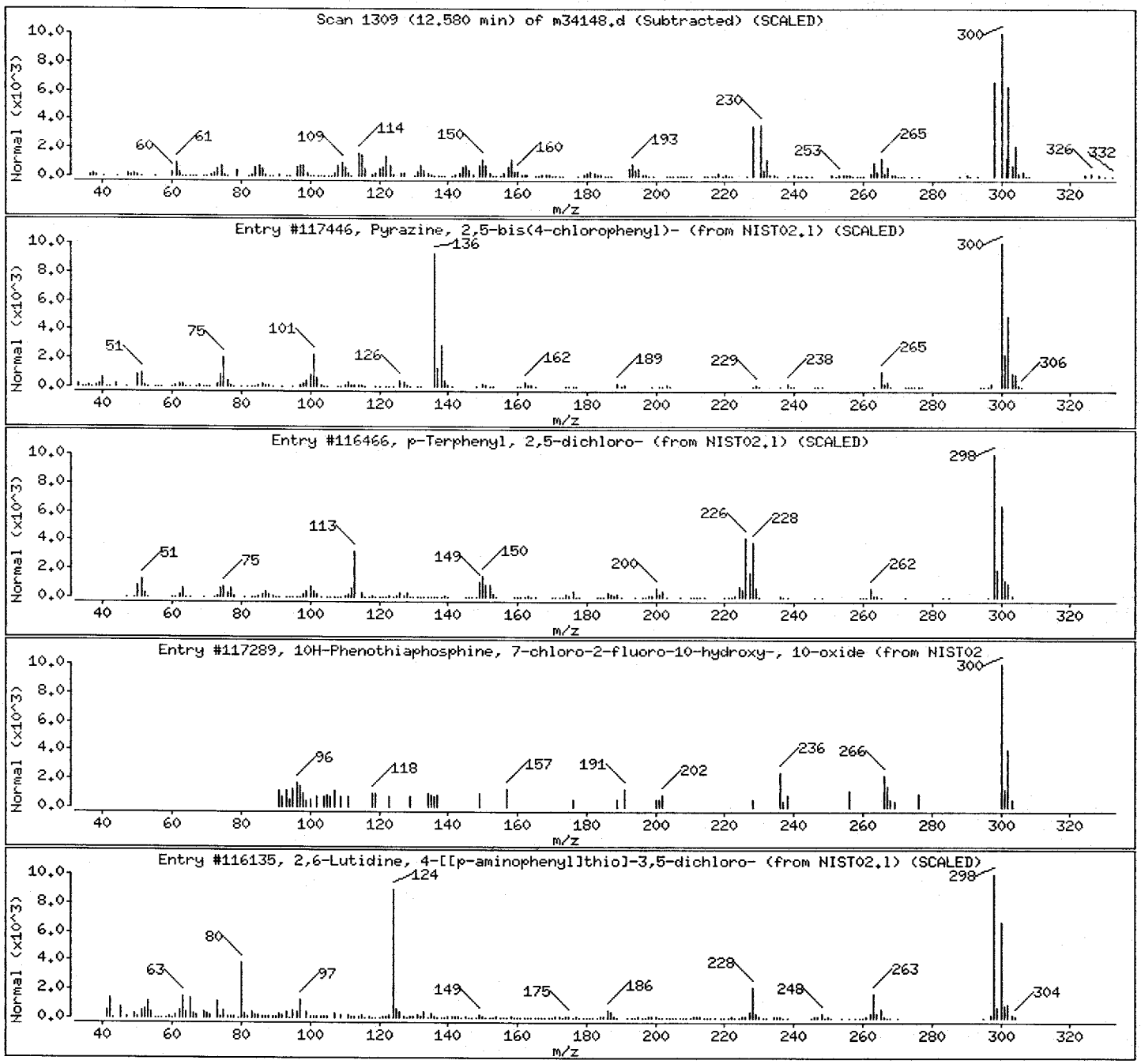
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Pyrazine, 2,5-bis(4-chlorophenyl)-	74376-33-3	NIST02.l	117446	38	C16H10Cl2N2	300
p-Terphenyl, 2,5-dichloro-	61576-83-8	NIST02.l	116466	35	C18H12Cl2	298
10H-Phenothiaphosphine, 7-chloro-2-fluor	54934-84-8	NIST02.l	117289	32	C12H7ClFO2PS	300
2,6-Lutidine, 4-[[p-aminophenyl]thio]-3,	1000252-27-9	NIST02.l	116135	22	C13H12Cl2N2S	298



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Date : 10-APR-2008 15:37

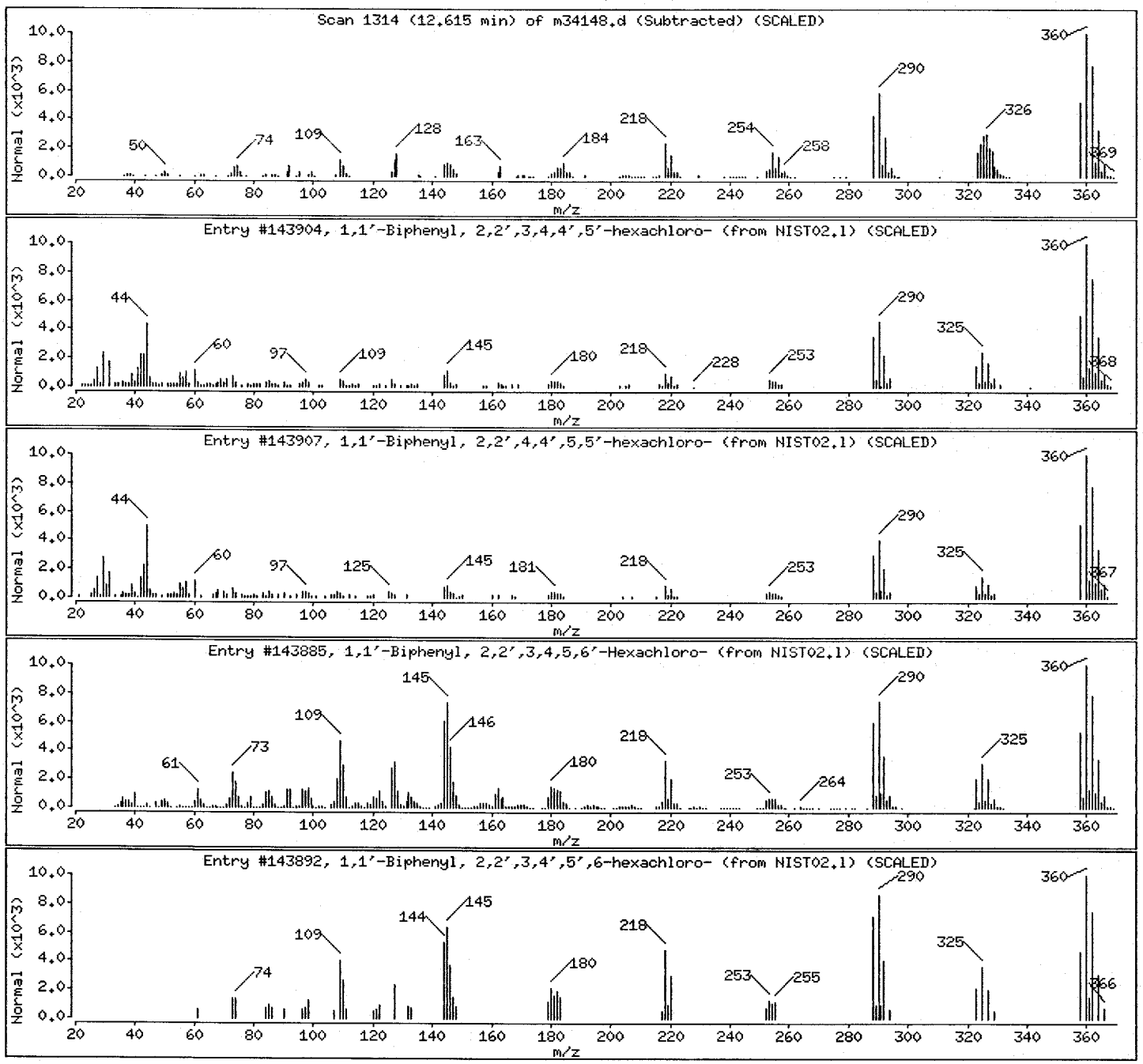
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	35065-27-1	NIST02.l	143907	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,5,6'-Hexachloro-	68194-15-0	NIST02.l	143885	95	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4',5',6-hexachloro	38380-04-0	NIST02.l	143892	95	C12H4Cl6	358



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Date : 10-APR-2008 15:37

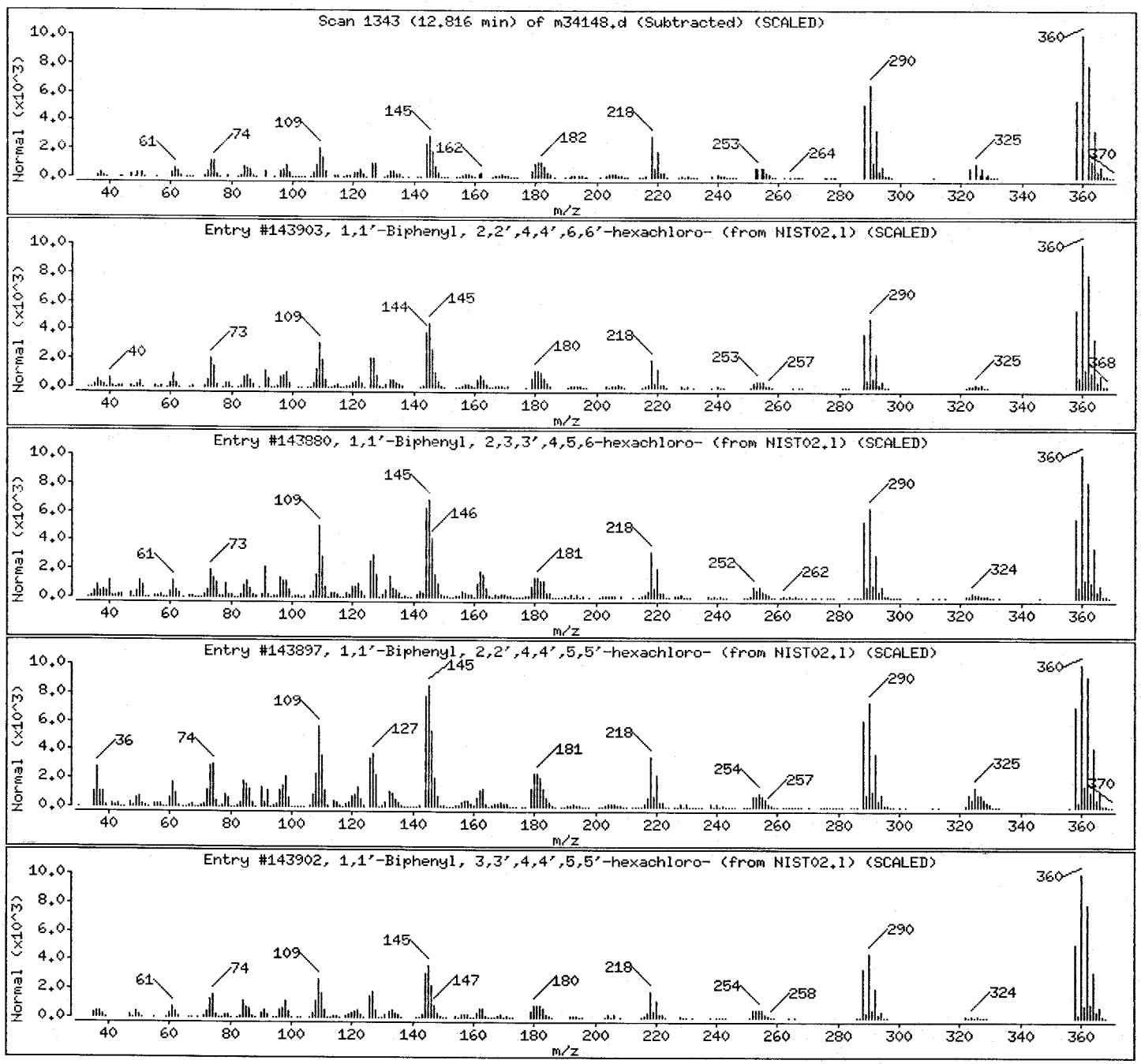
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	33979-03-2	NIST02.l	143903	98	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,5,6-hexachloro-	41411-62-5	NIST02.l	143880	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	35065-27-1	NIST02.l	143897	95	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	95	C12H4Cl6	358



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Date : 10-APR-2008 15:37

Client ID: 032508-1645

Instrument: BNAMS6.i

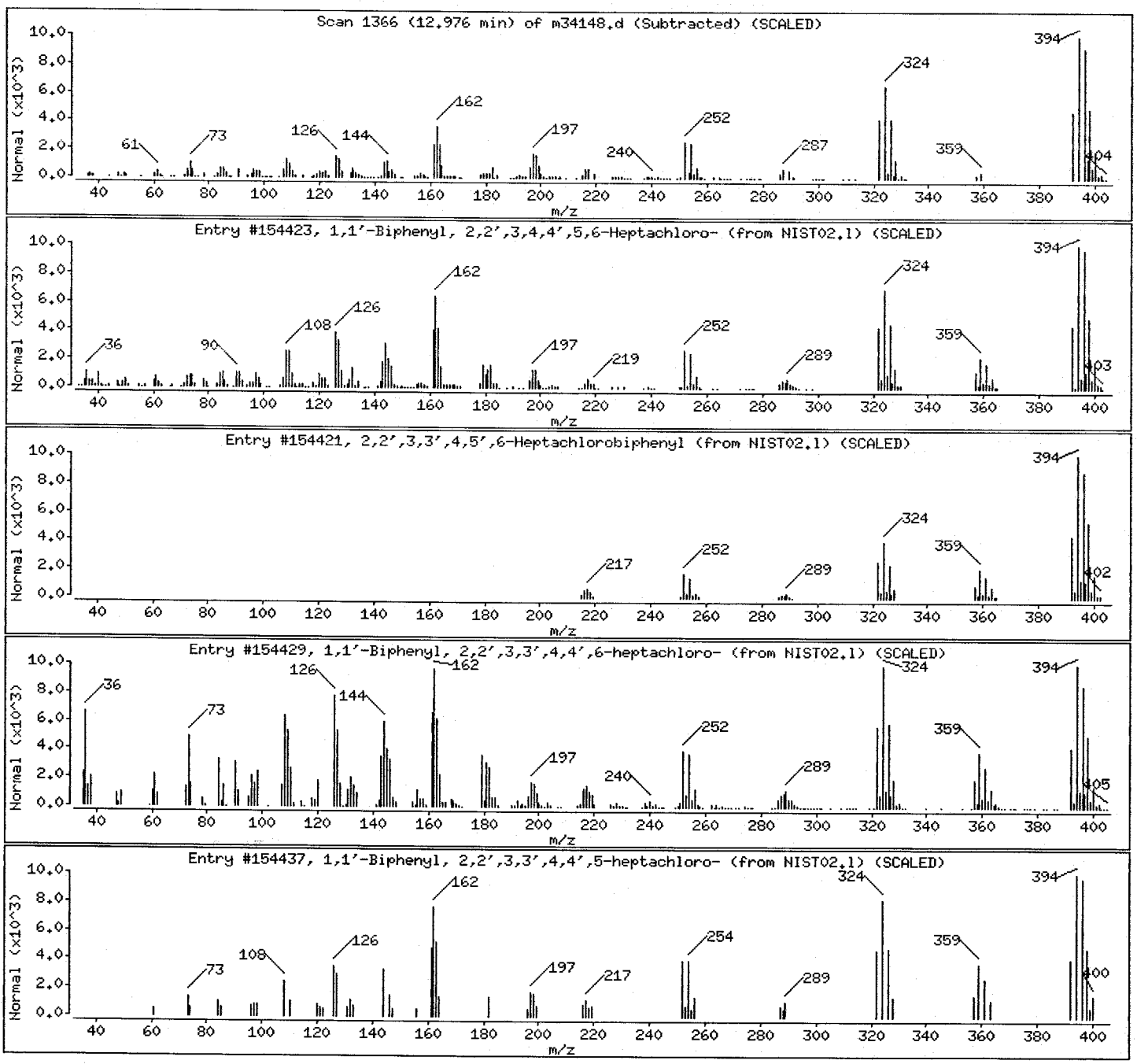
Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5,6-Heptachlo	74472-47-2	NIST02.l	154423	96	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	94	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,4',6-heptachl	52663-71-5	NIST02.l	154429	93	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,4',5-heptachl	35065-30-6	NIST02.l	154437	93	C12H3Cl7	392



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Date : 10-APR-2008 15:37

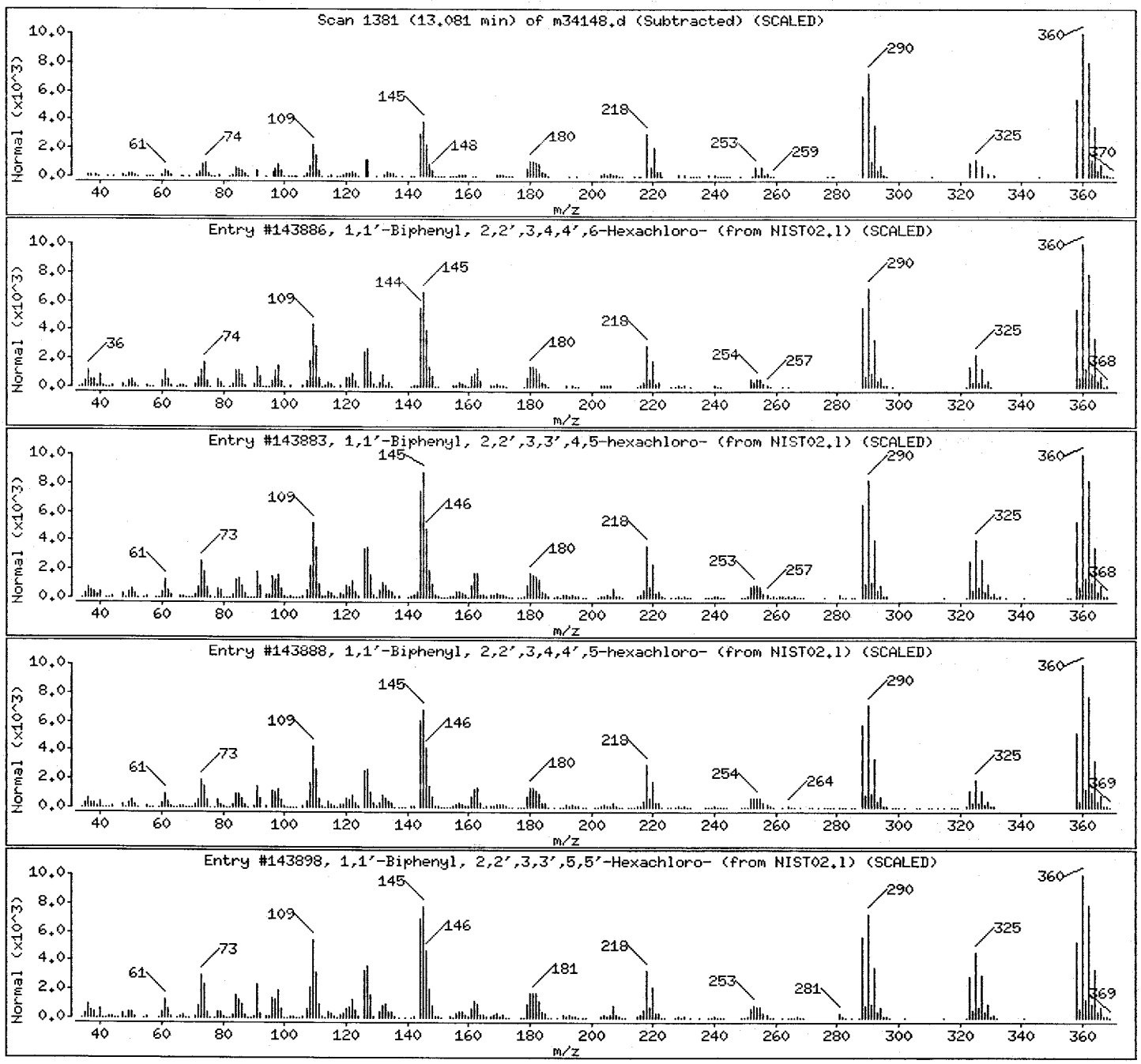
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',6-Hexachloro-	56030-56-9	NIST02.l	143886	95	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,5-hexachloro-	55215-18-4	NIST02.l	143883	94	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5-hexachloro-	35694-06-5	NIST02.l	143888	94	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',5,5'-Hexachloro	35694-04-3	NIST02.l	143898	94	C12H4Cl6	358



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Date : 10-APR-2008 15:37

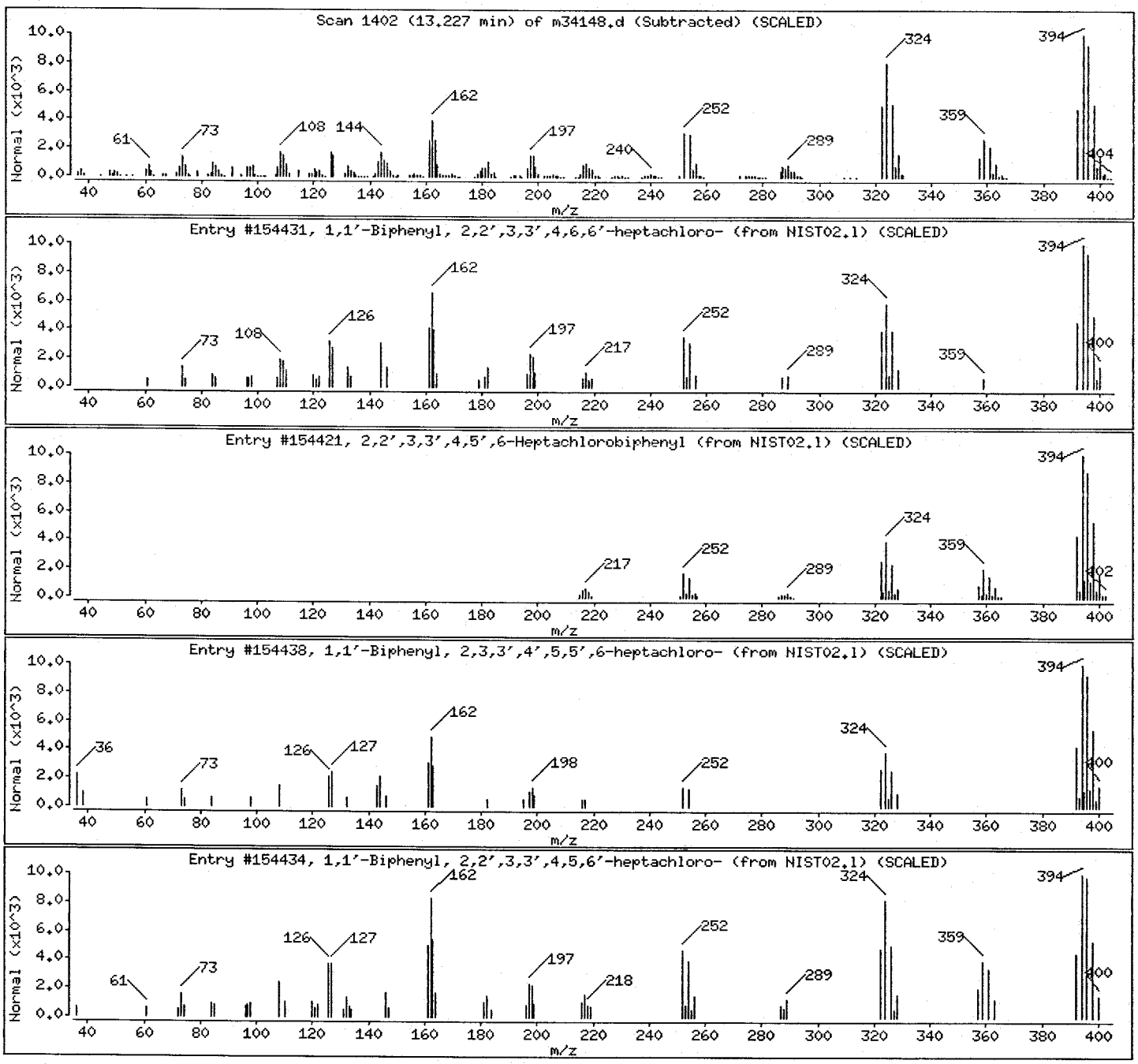
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	52663-65-7	NIST02.l	154431	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	98	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	97	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,5,6'-heptachl	38411-25-5	NIST02.l	154434	96	C12H3Cl7	392



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Date : 10-APR-2008 15:37

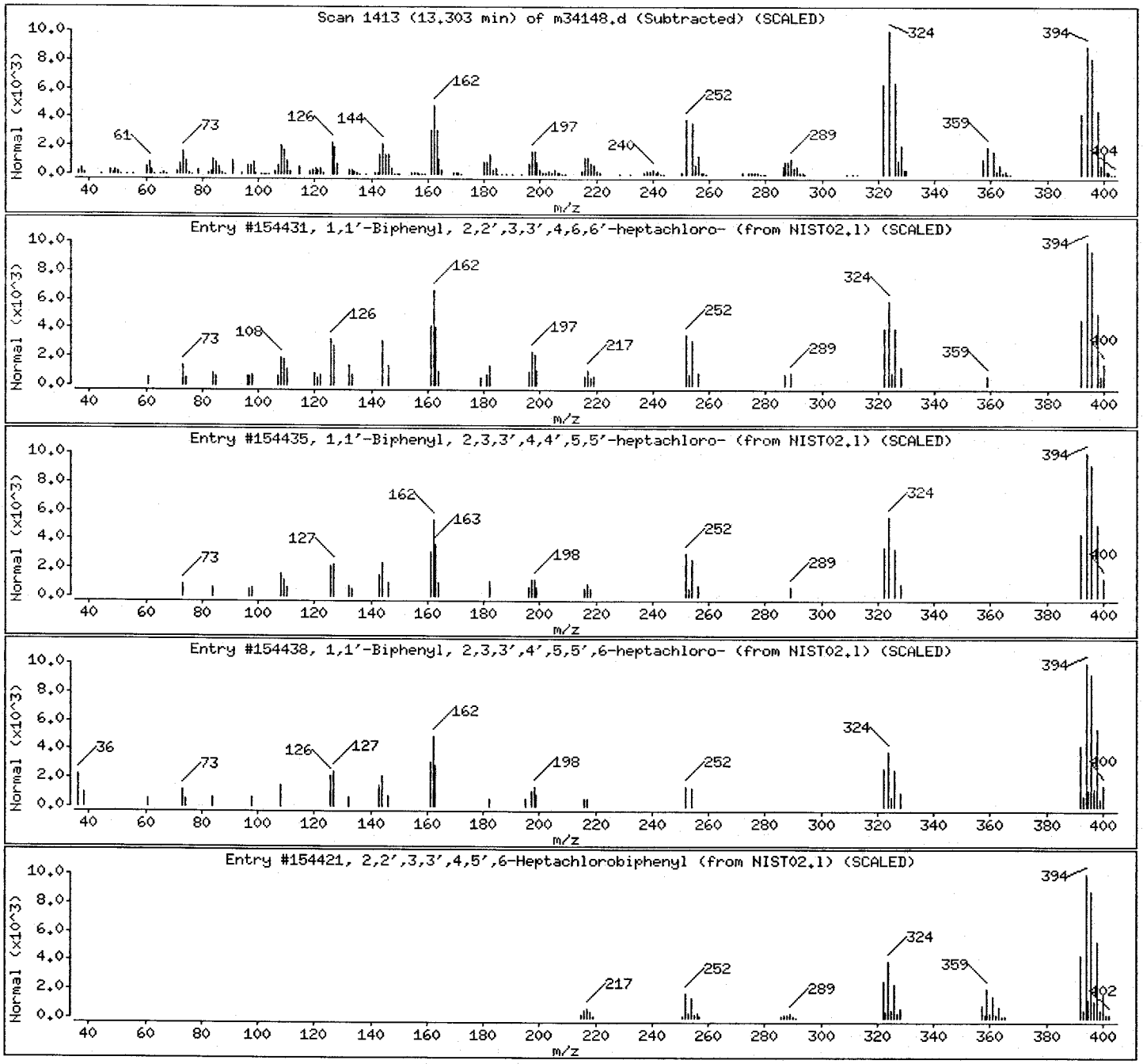
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	52663-65-7	NIST02.l	154431	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	98	C12H3Cl7	392



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Date : 10-APR-2008 15:37

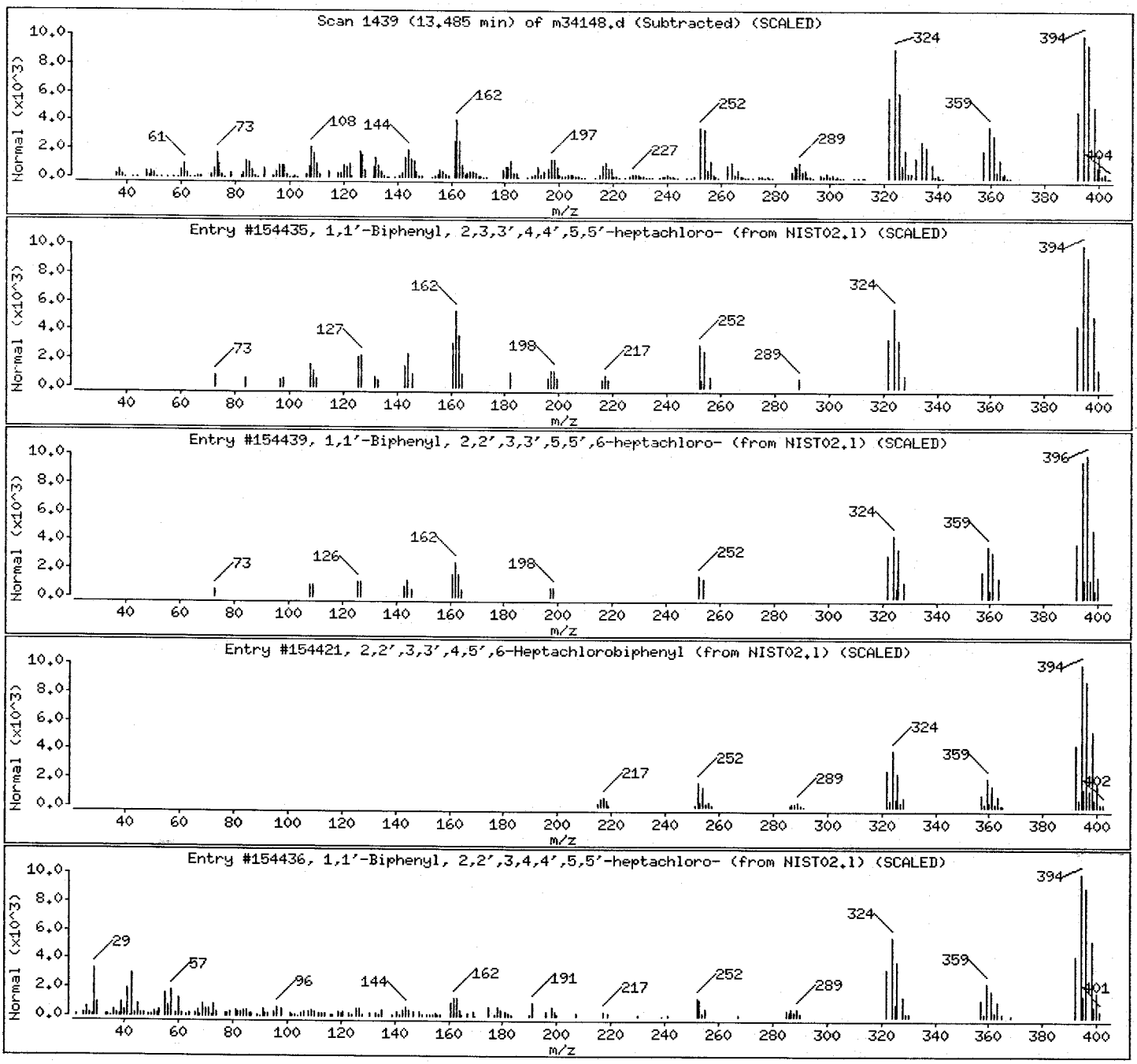
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	97	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	95	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,5'-heptachl	35065-29-3	NIST02.l	154436	93	C12H3Cl7	392



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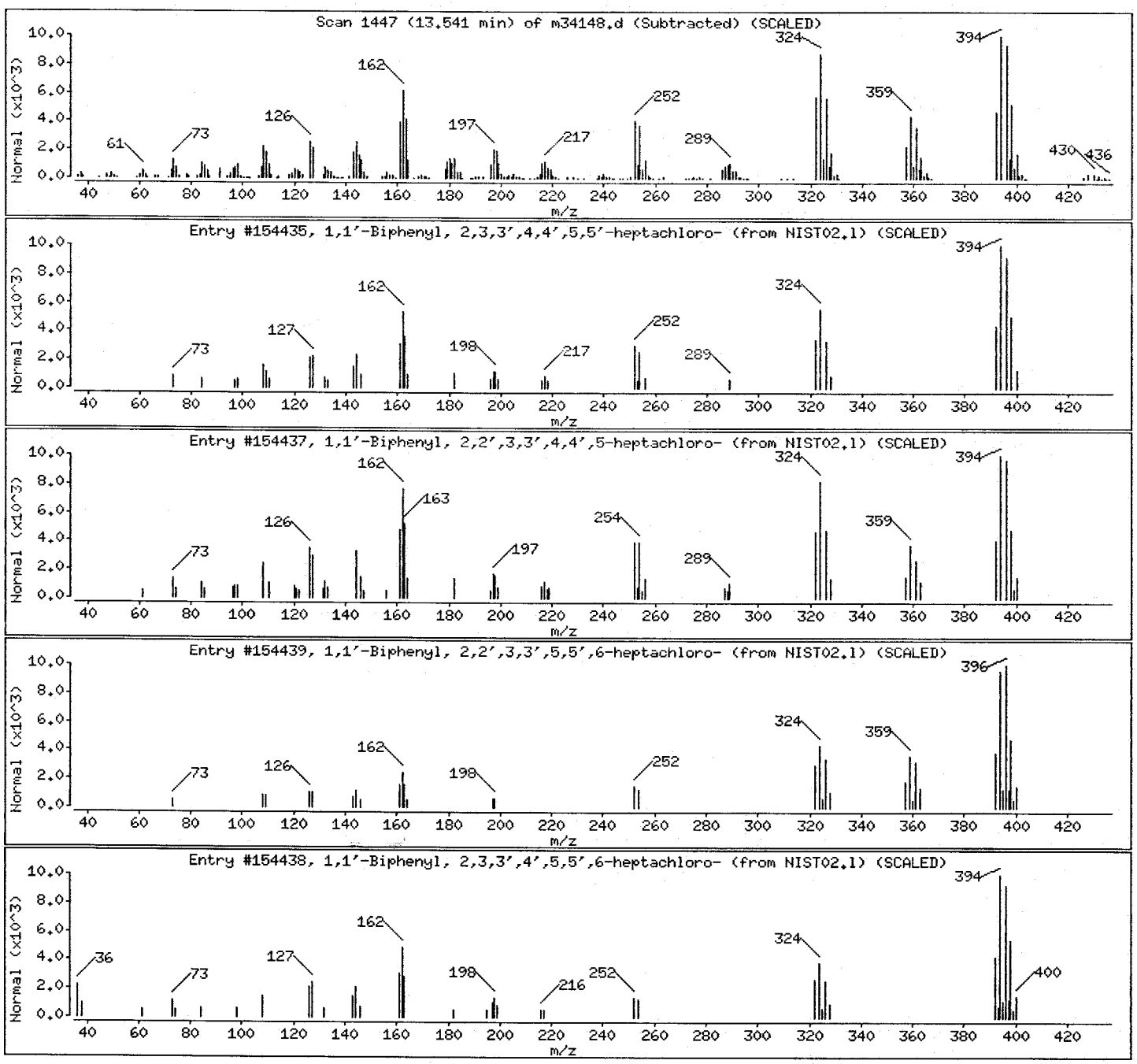
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,4',5-heptachl	35065-30-6	NIST02.l	154437	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	98	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	98	C12H3Cl7	392



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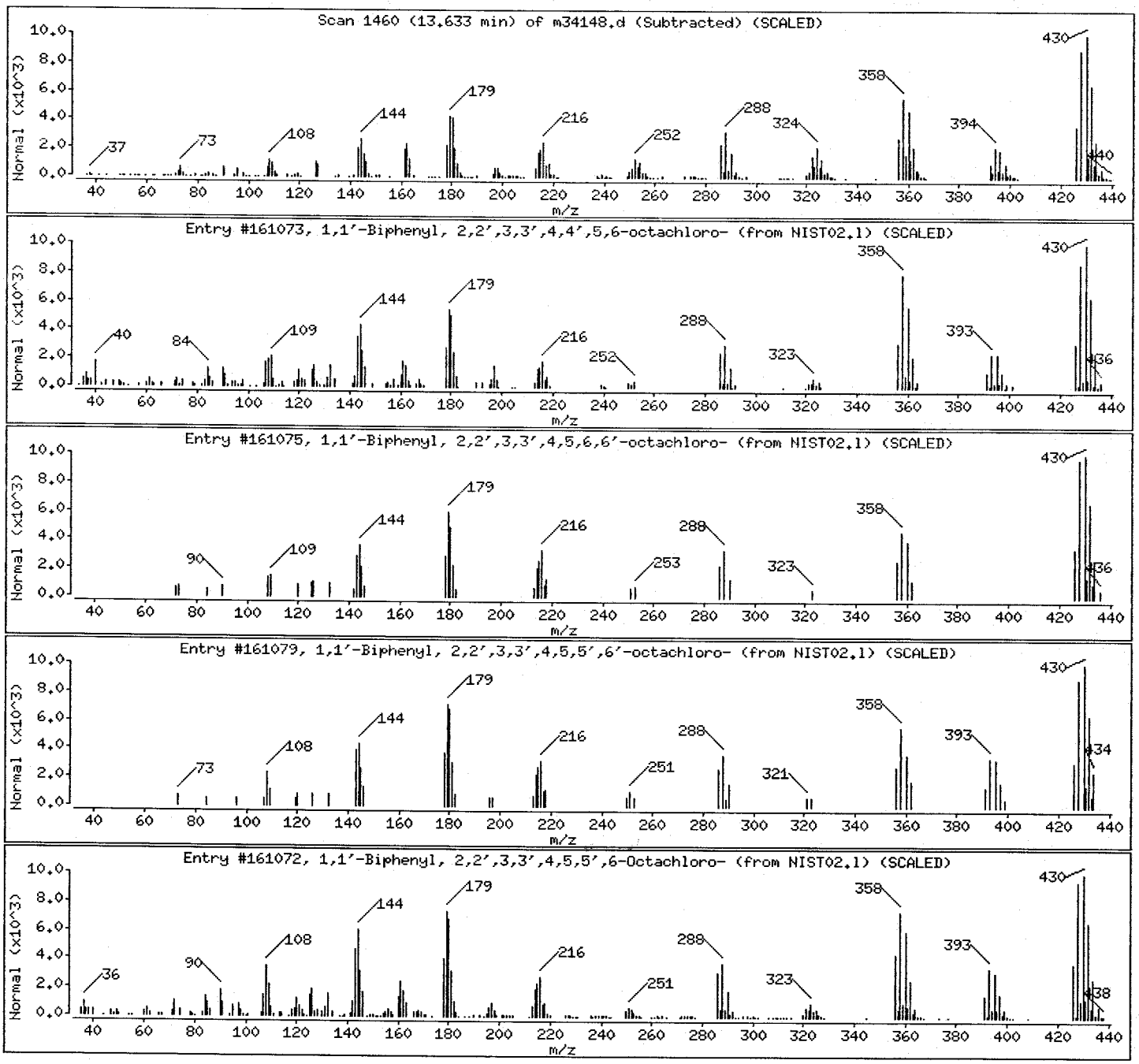
Date : 10-APR-2008 15:37

Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	93	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6-Octach	68194-17-2	NIST02.l	161072	91	C12H2Cl8	426



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Date : 10-APR-2008 15:37

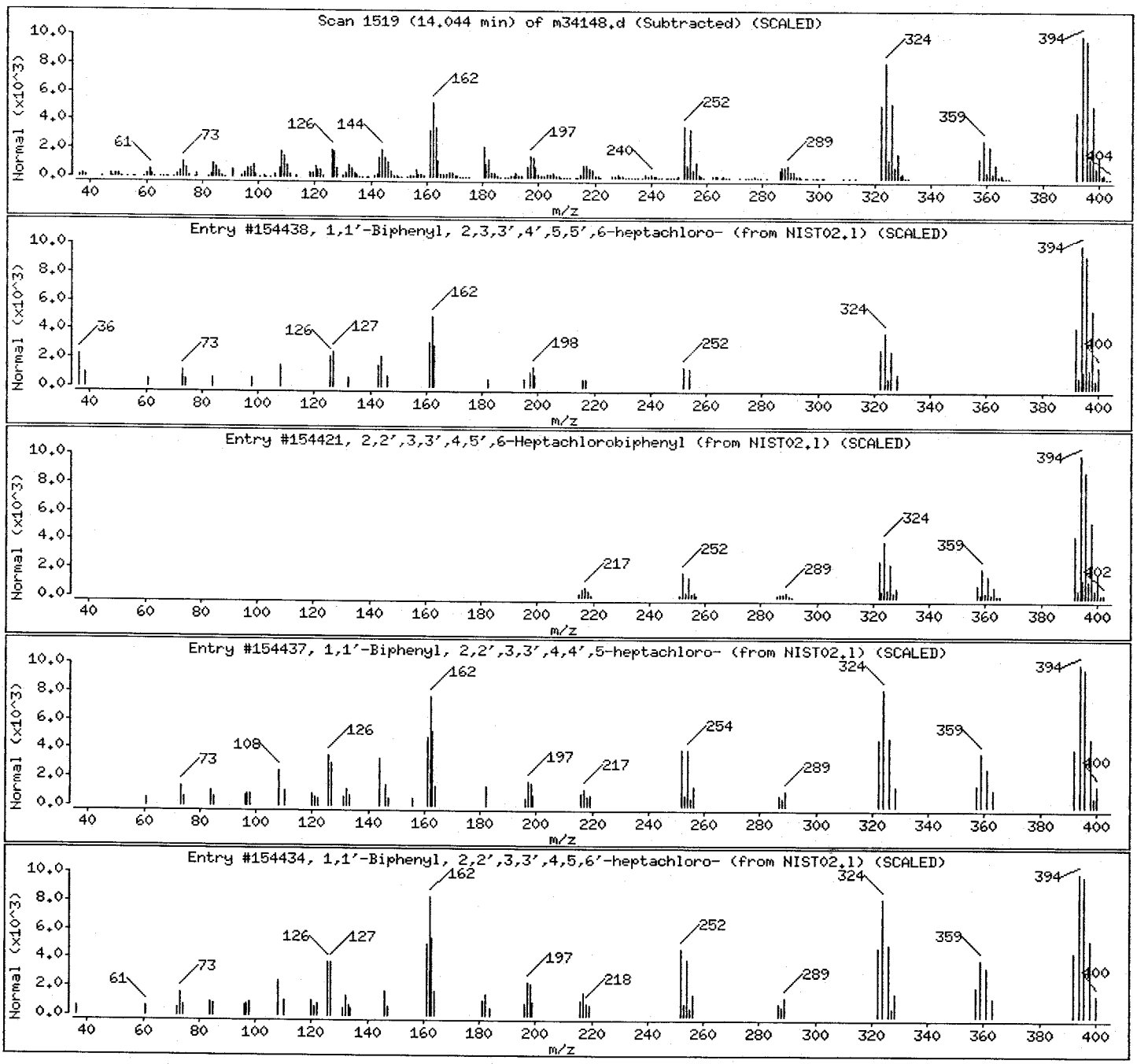
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,4',5-heptachl	35065-30-6	NIST02.l	154437	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,5,6'-heptachl	38411-25-5	NIST02.l	154434	96	C12H3Cl7	392



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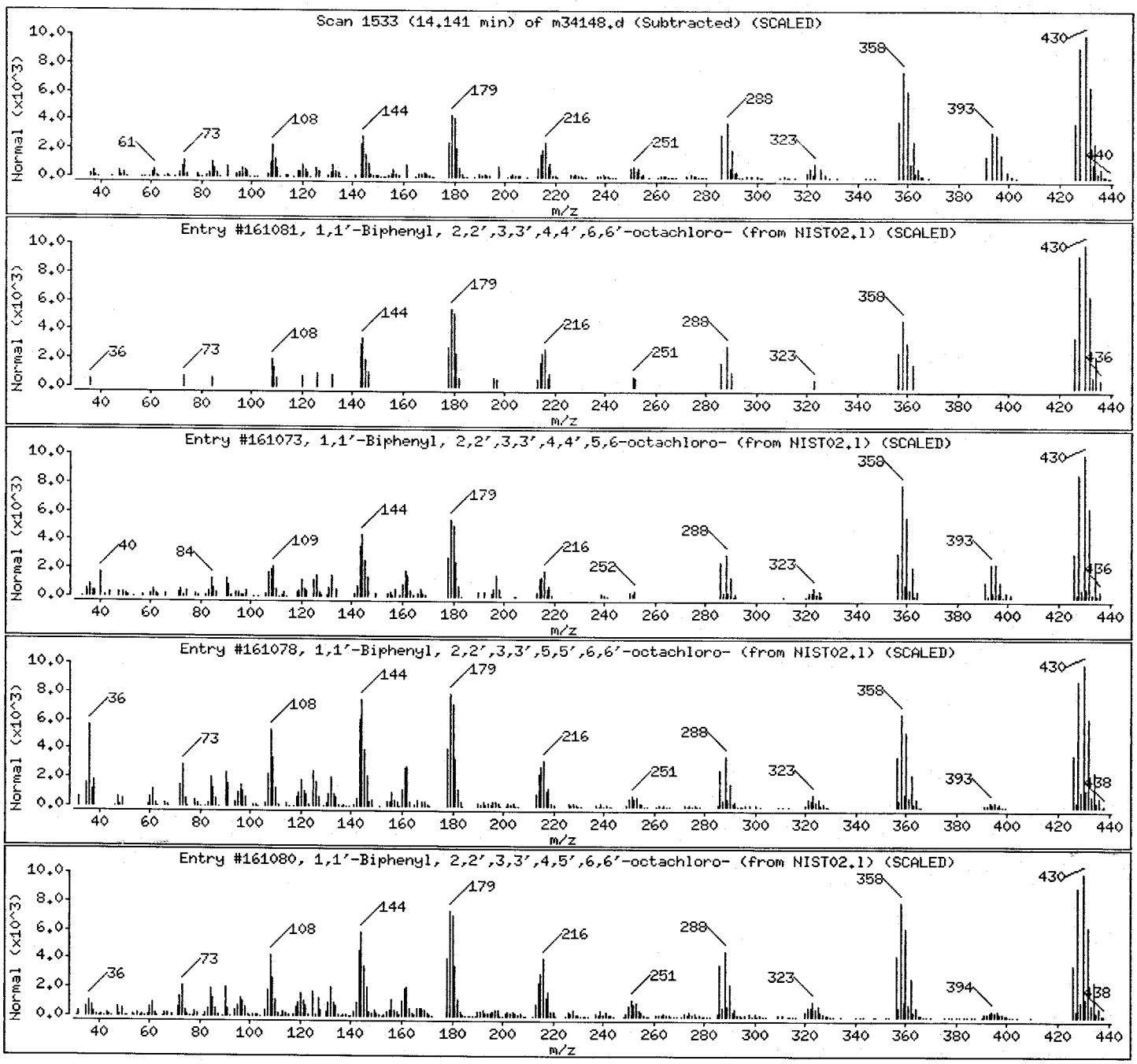
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	98	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	92	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	91	C12H2Cl8	426



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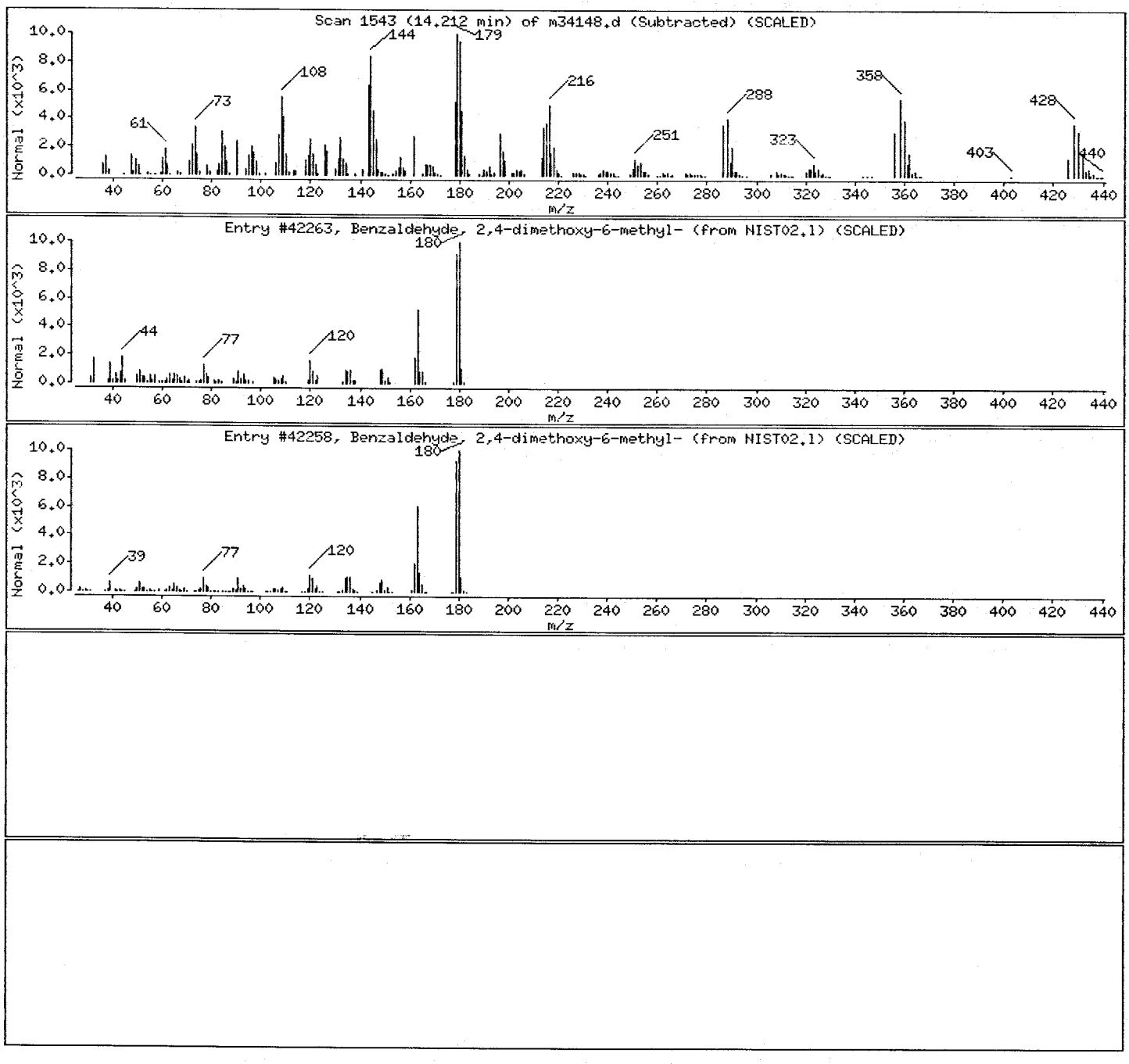
Date : 10-APR-2008 15:37

Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benzaldehyde, 2,4-dimethoxy-6-methyl-	7149-90-8	NIST02.l	42263	25	C10H12O3	180
Benzaldehyde, 2,4-dimethoxy-6-methyl-	7149-90-8	NIST02.l	42258	22	C10H12O3	180



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Date : 10-APR-2008 15:37

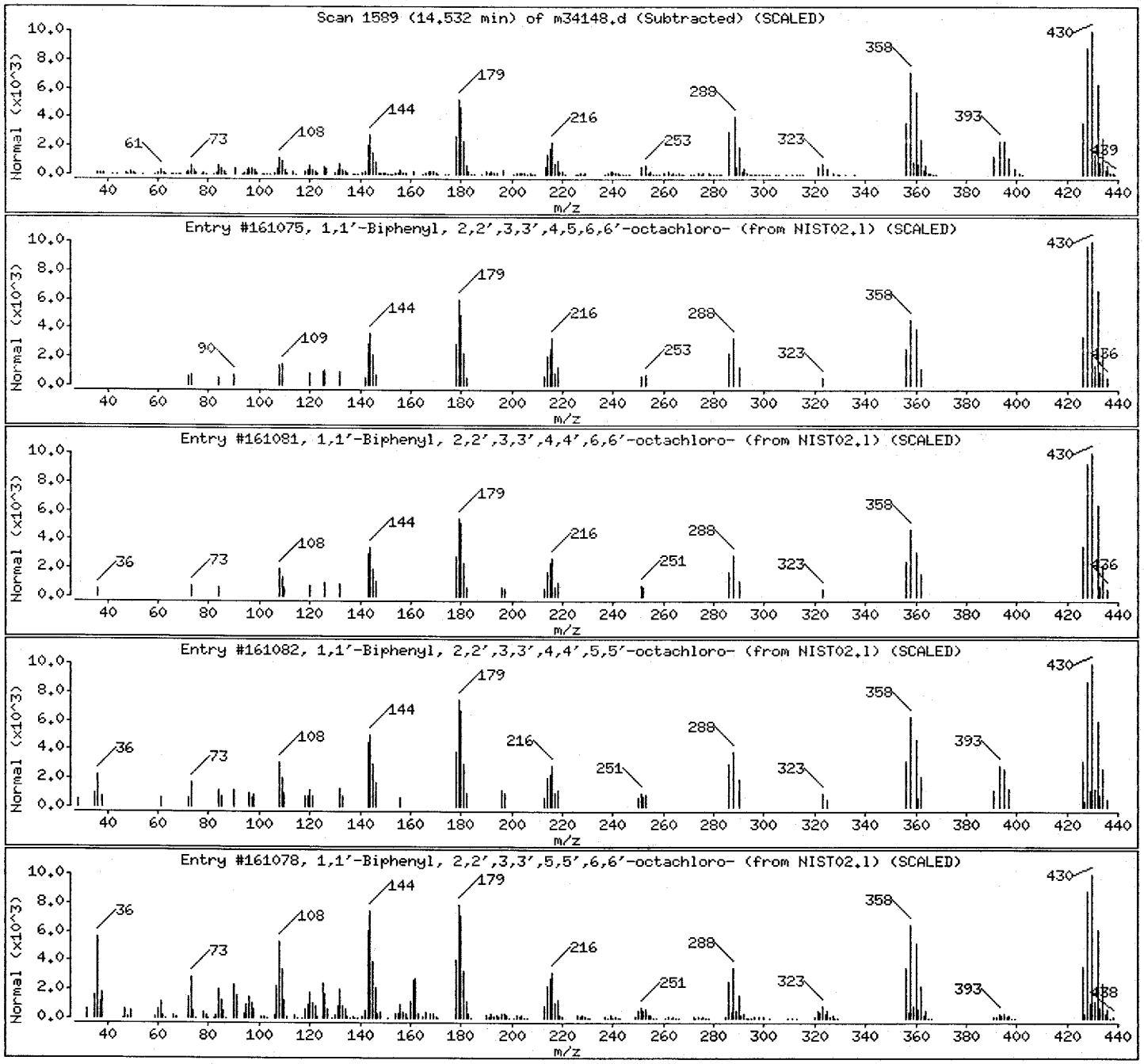
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	91	C12H2Cl8	426



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Date : 10-APR-2008 15:37

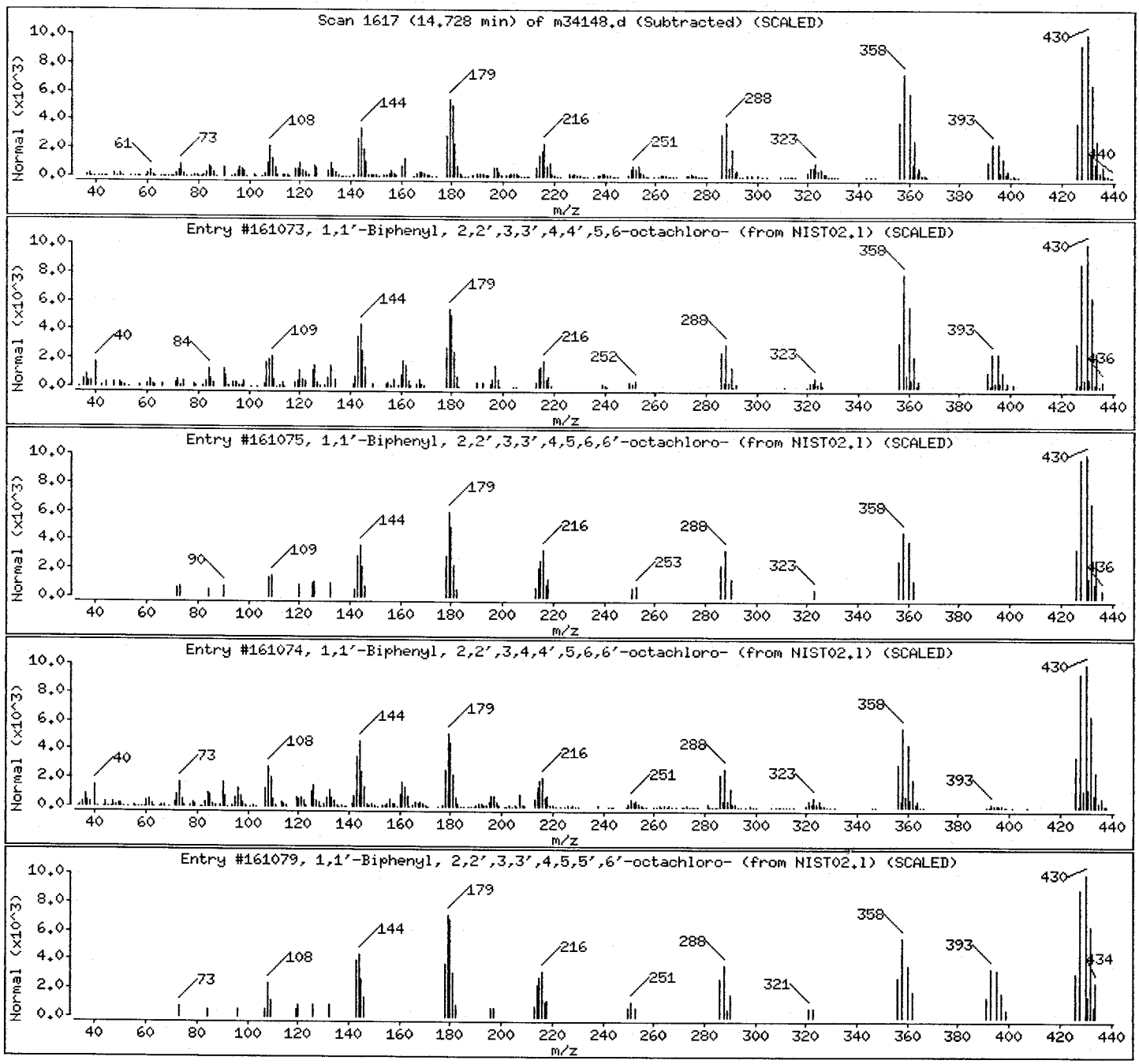
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-octach	74472-52-9	NIST02.l	161074	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	98	C12H2Cl8	426



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Date : 10-APR-2008 15:37

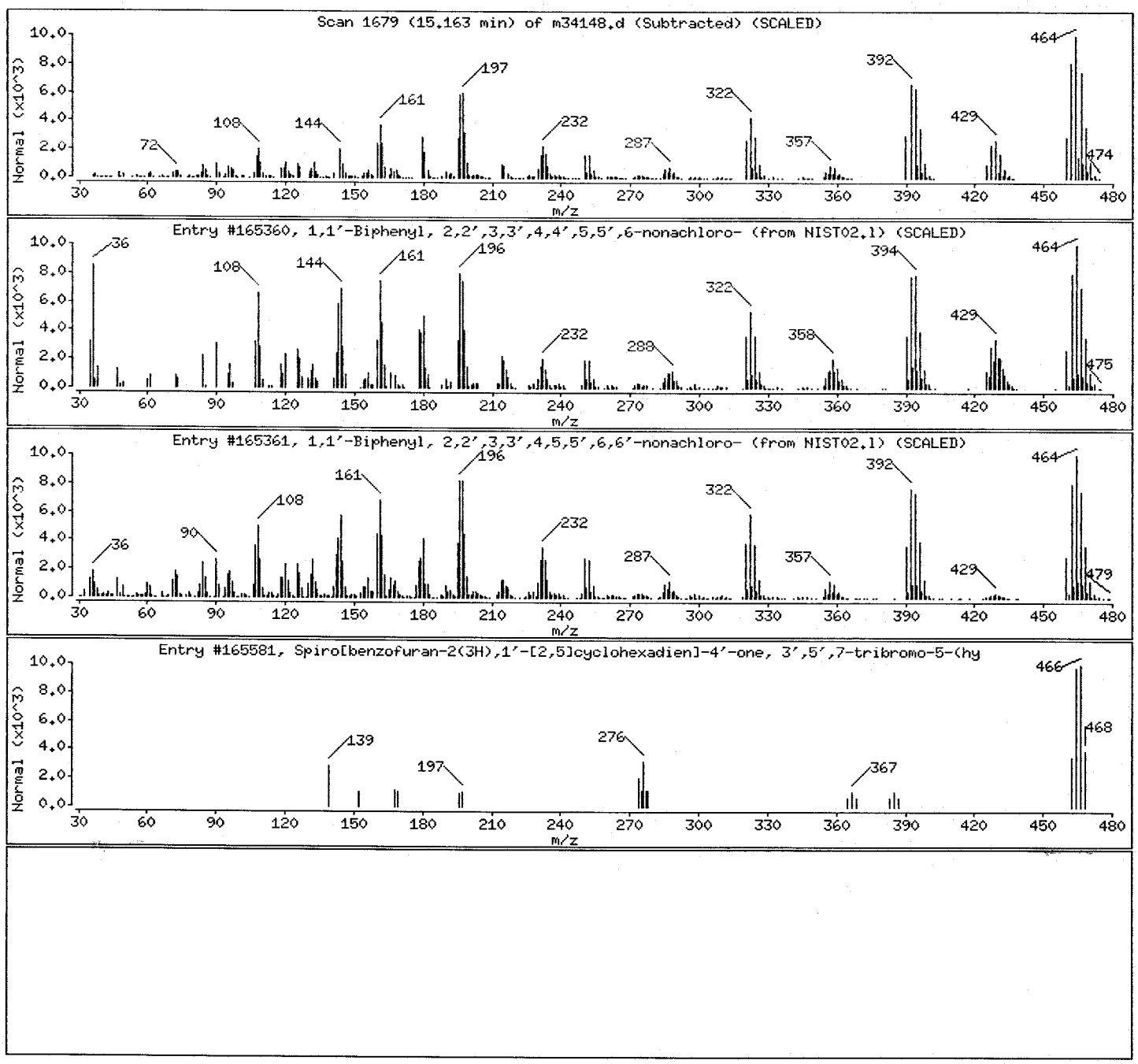
Client ID: 032508-1645 Instrument: BNAMS6.i

Sample Info: 908689;4225883

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Nonachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,5',6-non	40186-72-9	NIST02.l	165360	74	C12HCl9	460
1,1'-Biphenyl, 2,2',3,3',4,5,5',6,6'-non	52663-77-1	NIST02.l	165361	53	C12HCl9	460
Spiro[benzofuran-2(3H),1'-[2,5]cyclohexa	52498-93-8	NIST02.l	165581	35	C14H9Br3O3	462



Client ID: **032508-1710**
Site: BP Hastings

Lab Sample No: **908690**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34058.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 14

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	390
2-Chlorophenol	ND	390
2-Methylphenol	ND	390
4-Methylphenol	ND	390
2-Nitrophenol	ND	390
2,4-Dimethylphenol	ND	390
2,4-Dichlorophenol	ND	390
4-Chloro-3-methylphenol	ND	390
2,4,6-Trichlorophenol	ND	390
2,4,5-Trichlorophenol	ND	390
2,4-Dinitrophenol	ND	1200
4-Nitrophenol	ND	1200
4,6-Dinitro-2-methylphenol	ND	1200
Pentachlorophenol	ND	1200

Client ID: **032508-1710**
Site: BP Hastings

Lab Sample No: **908690**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34058.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 14

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	39
1,3-Dichlorobenzene	ND	390
1,4-Dichlorobenzene	ND	390
1,2-Dichlorobenzene	ND	390
bis(2-chloroisopropyl)ether	ND	390
N-Nitroso-di-n-propylamine	ND	39
Hexachloroethane	ND	39
Nitrobenzene	ND	39
Isophorone	ND	390
bis(2-Chloroethoxy)methane	ND	390
1,2,4-Trichlorobenzene	ND	39
Naphthalene	65 J	390
4-Chloroaniline	ND	390
Hexachlorobutadiene	ND	77
2-Methylnaphthalene	31 J	390
Hexachlorocyclopentadiene	ND	390
2-Chloronaphthalene	ND	390
2-Nitroaniline	ND	770
Dimethylphthalate	ND	390
Acenaphthylene	ND	390
2,6-Dinitrotoluene	ND	77
3-Nitroaniline	ND	770
Acenaphthene	120 J	390
Dibenzofuran	89 J	390
2,4-Dinitrotoluene	ND	77
Diethylphthalate	ND	390
4-Chlorophenyl-phenylether	ND	390
Fluorene	160 J	390
4-Nitroaniline	ND	770
N-Nitrosodiphenylamine	ND	390
4-Bromophenyl-phenylether	ND	390
Hexachlorobenzene	ND	39
Phenanthrene	1100	390
Anthracene	290 J	390

Client ID: **032508-1710**
Site: BP Hastings

Lab Sample No: **908690**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34058.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 14

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	130 J	390
Di-n-butylphthalate	ND	390
Fluoranthene	1100	390
Pyrene	840	390
Butylbenzylphthalate	ND	390
3,3'-Dichlorobenzidine	ND	770
Benzo(a)anthracene	380	39
Chrysene	400	390
bis(2-Ethylhexyl)phthalate	ND	390
Di-n-octylphthalate	ND	390
Benzo(b)fluoranthene	280	39
Benzo(k)fluoranthene	280	39
Benzo(a)pyrene	330	39
Indeno(1,2,3-cd)pyrene	190	39
Dibenz(a,h)anthracene	60	39
Benzo(g,h,i)perylene	220 J	390

Client ID: **032508-1710**
Site: BP Hastings

Lab Sample No: **908690**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34058.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 13.9

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Heptachloro-1,1'-biphenyl isomer	13.15	360	
2.	Octachloro-1,1'-biphenyl isomer	14.10	340	
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
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20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	700

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d
Report Date: 10-Apr-2008 20:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d
Lab Smp Id: 908690 Client Smp ID: 032508-1710
Inj Date : 07-APR-2008 18:31
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : 908690;4225888
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/8270C_08.m
Meth Date : 08-Apr-2008 11:13 monica Quant Type: ISTD
Cal Date : 02-APR-2008 22:21 Cal File: m33969.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	13.90000	% Moisture

Cpnd Variable Local Compound Variable

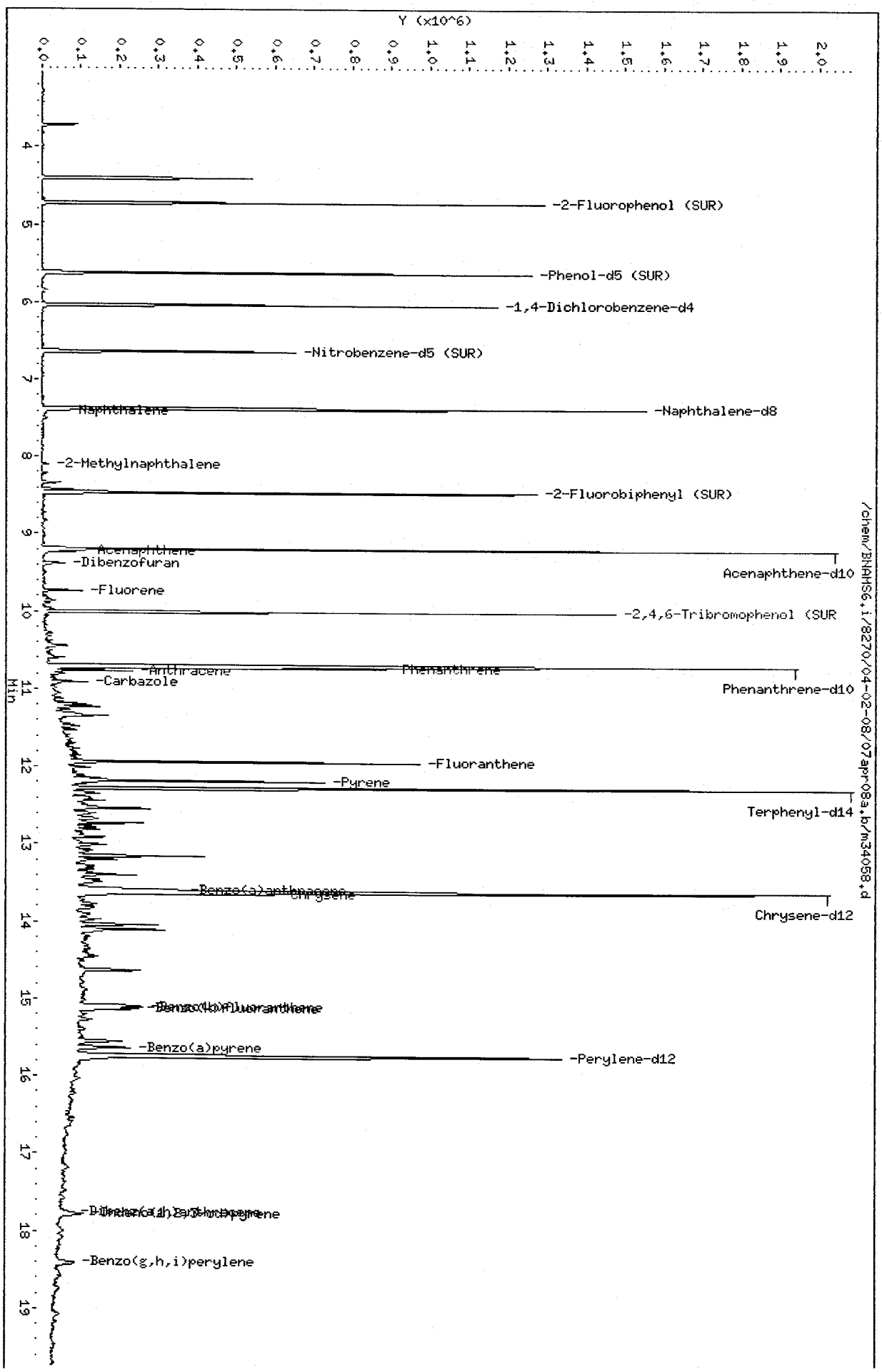
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.722	4.727	(0.782)	415026	62.1491	4800
$ 17 Phenol-d5 (SUR)	99	5.624	5.636	(0.931)	501132	56.4890	4400
* 79 1,4-Dichlorobenzene-d4	152	6.039	6.046	(1.000)	214230	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	6.638	6.650	(0.900)	218156	30.7648	2400
* 80 Naphthalene-d8	136	7.378	7.384	(1.000)	825484	40.0000	
31 Naphthalene	128	7.400	7.406	(1.003)	17108	0.83838	65(a)
34 2-Methylnaphthalene	142	8.094	8.103	(1.097)	5540	0.40369	31(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.462	8.472	(0.920)	466515	30.1146	2300
* 82 Acenaphthene-d10	164	9.198	9.202	(1.000)	522616	40.0000	
42 Acenaphthene	154	9.228	9.239	(1.003)	22782	1.58869	120(a)
43 Dibenzofuran	168	9.381	9.395	(1.020)	23475	1.14451	89(a)
47 Fluorene	166	9.740	9.748	(1.059)	32969	2.04361	160(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	10.004	10.016	(1.088)	187691	59.5424	4600
* 83 Phenanthrene-d10	188	10.704	10.708	(1.000)	829766	40.0000	

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d
Report Date: 10-Apr-2008 20:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	52 Phenanthrene	178	10.726	10.731	(1.002)	366476	14.6116	1100
	53 Anthracene	178	10.763	10.776	(1.005)	93574	3.72428	290(a)
	54 Carbazole	167	10.912	10.922	(1.019)	40000	1.72434	130(a)
	56 Fluoranthene	202	11.937	11.948	(1.115)	352033	14.2265	1100
	57 Pyrene	202	12.186	12.193	(0.895)	288760	10.8512	840
$	78 Terphenyl-d14	244	12.277	12.282	(0.902)	607071	30.0959	2300
	61 Benzo(a)anthracene	228	13.590	13.594	(0.998)	122541	4.97092	380
*	81 Chrysene-d12	240	13.617	13.629	(1.000)	963251	40.0000	
	62 Chrysene	228	13.646	13.664	(1.002)	114152	5.11303	400
	65 Benzo(b)fluoranthene	252	15.107	15.127	(0.959)	98936	3.57910	280(H)
	66 Benzo(k)fluoranthene	252	15.135	15.164	(0.961)	88834	3.64391	280
	67 Benzo(a)pyrene	252	15.636	15.661	(0.993)	95771	4.30516	330
*	84 Perylene-d12	264	15.747	15.756	(1.000)	785390	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.783	17.840	(1.129)	53630	2.44546	190
	69 Dibenz(a,h)anthracene	278	17.762	17.825	(1.128)	14583	0.77848	60
	70 Benzo(g,h,i)perylene	276	18.414	18.474	(1.169)	49964	2.81881	220(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.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Date : 07-APR-2008 18:31
Client ID: 032508-1710
Sample Info: 908690;4225888
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
Min
/chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
Naphthalene
-Naphthalene-d8
-2-Methylnaphthalene
-2-Fluorobiphenyl (SUR)
Acenaphthene
-Dibenzofuran
Acenaphthene-d10
-Fluorene
-2,4,6-Tribromophenol (SUR
Anthracene
Phenanthrene
-Carbazole
Phenanthrene-d10
-Fluoranthene
-Pyrene
Terphenyl-d14
Benzo(a)anthracene
Chrysene
Chrysene-d12
Benzo(b)fluoranthene
-Benzo(a)pyrene
-Perylene-d12
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS6.i/S270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

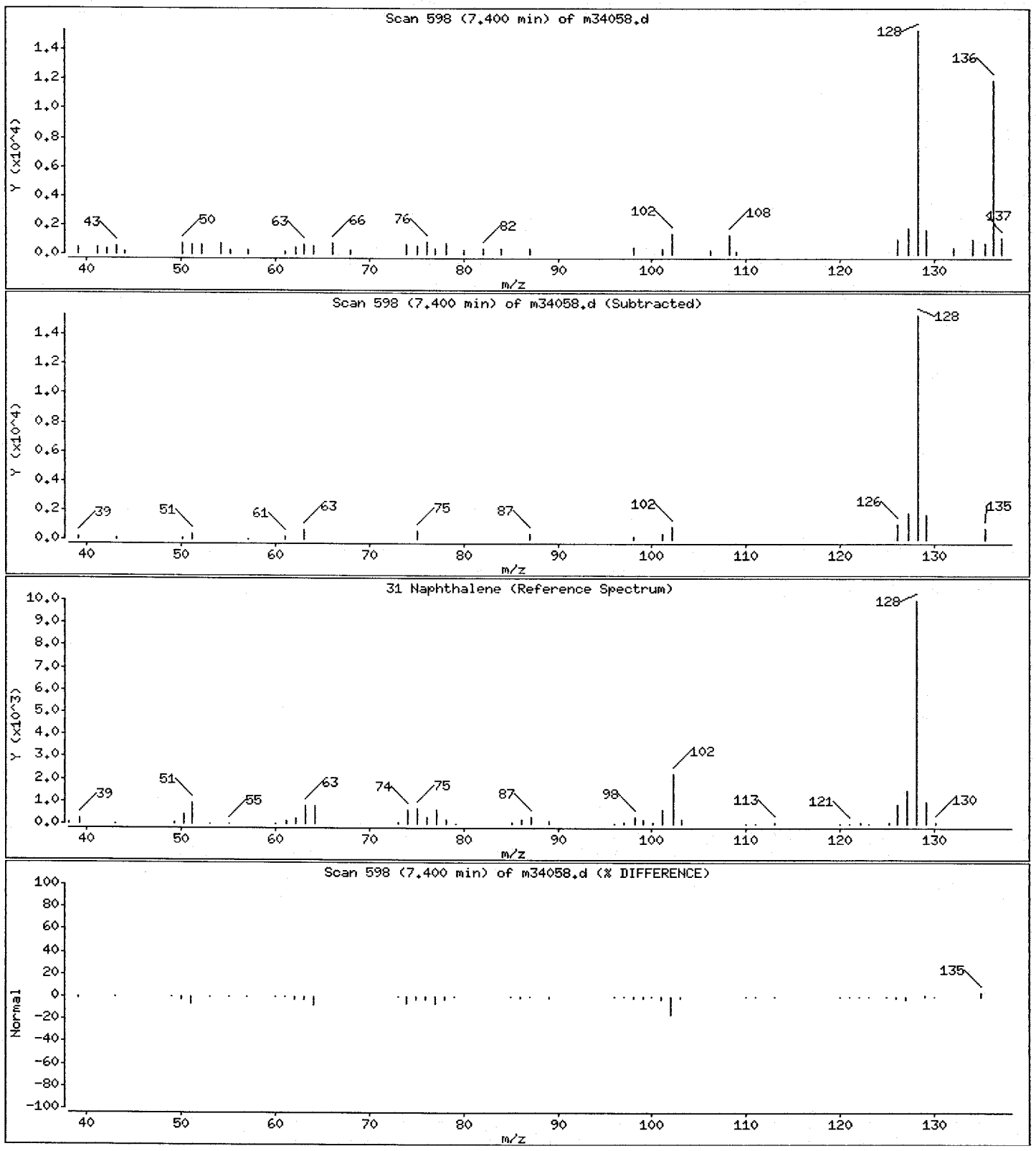
Client ID: 032508-1710 Instrument: BNAMS6.i

Sample Info: 908690;4225888

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 65 ug/Kg



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Date : 07-APR-2008 18:31

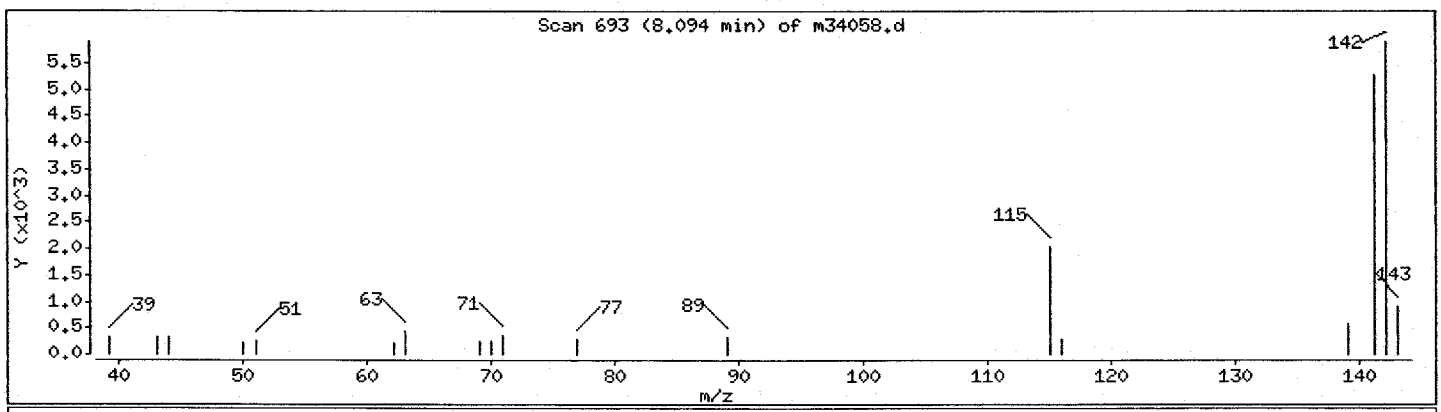
Client ID: 032508-1710 Instrument: BNAMS6.i

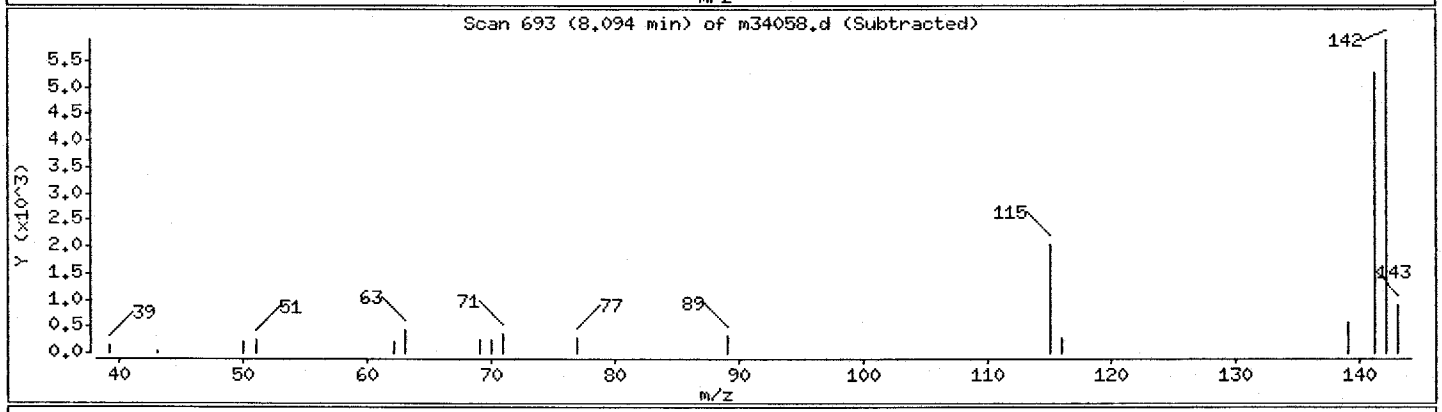
Sample Info: 908690;4225888

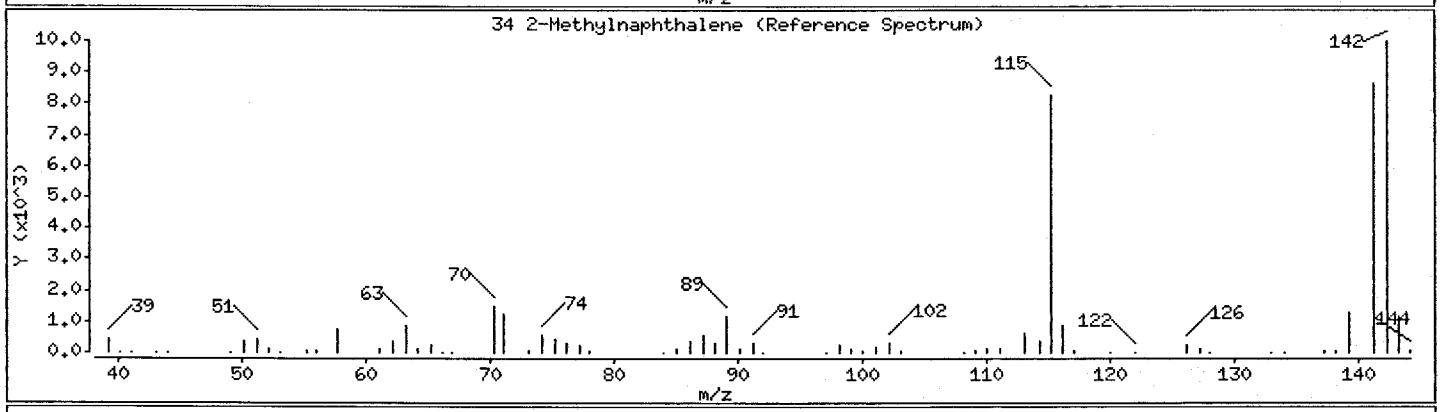
Operator: BNAMS 4

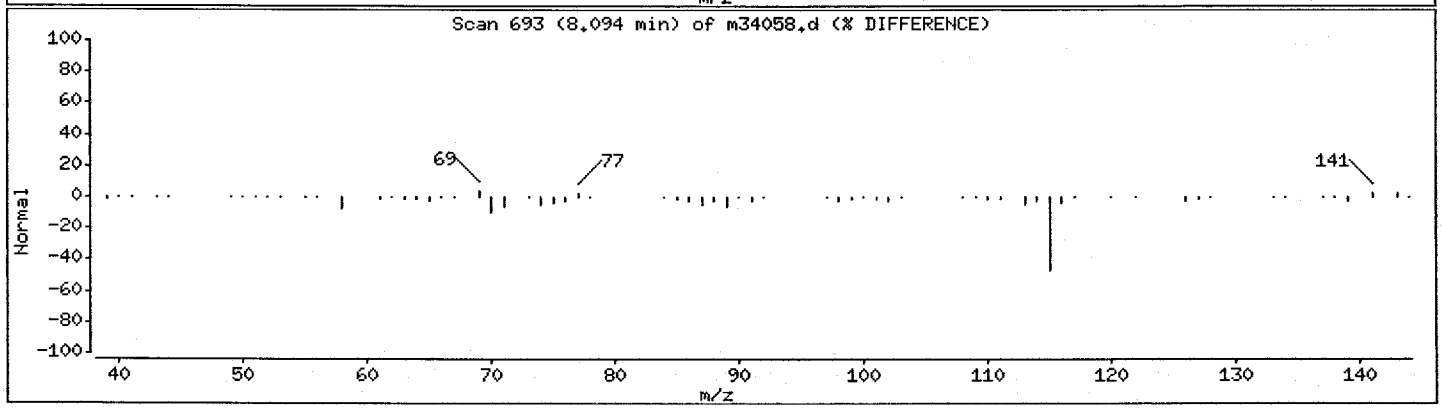
Column phase: DB-5 Column diameter: 0.25

34 2-Methylnaphthalene Concentration: 31 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

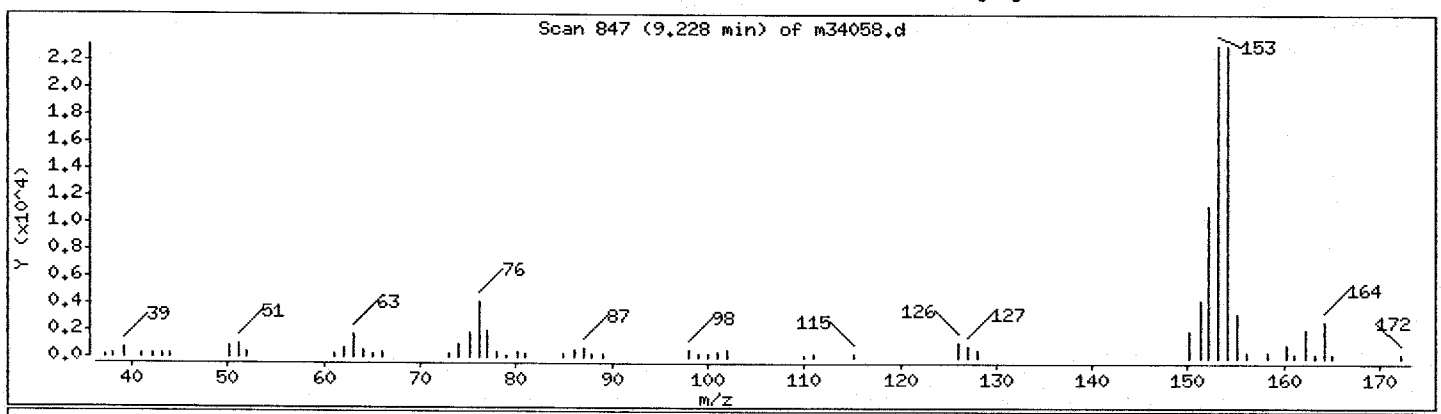
Client ID: 032508-1710 Instrument: BNAMS6.i

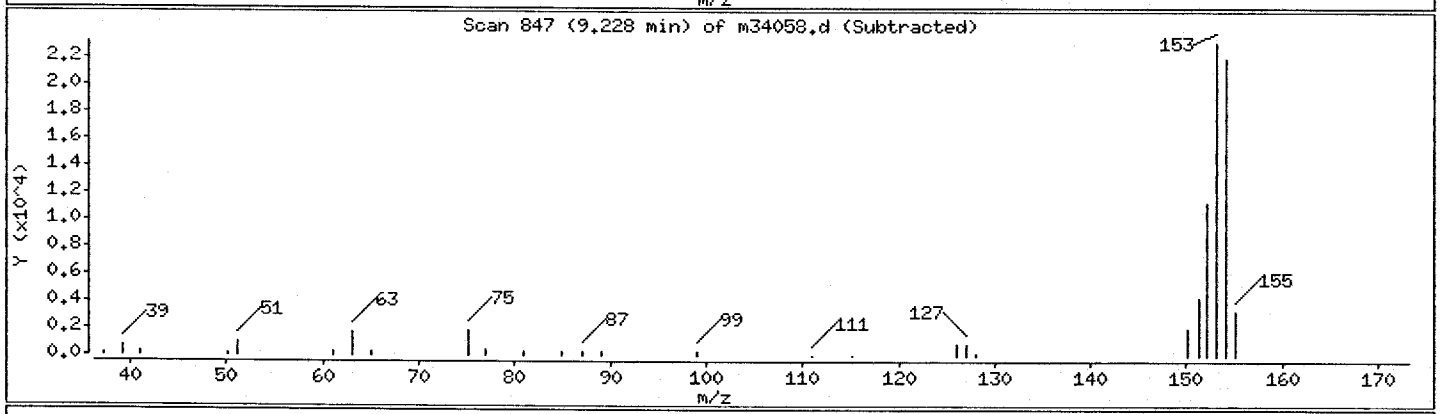
Sample Info: 908690;4225888

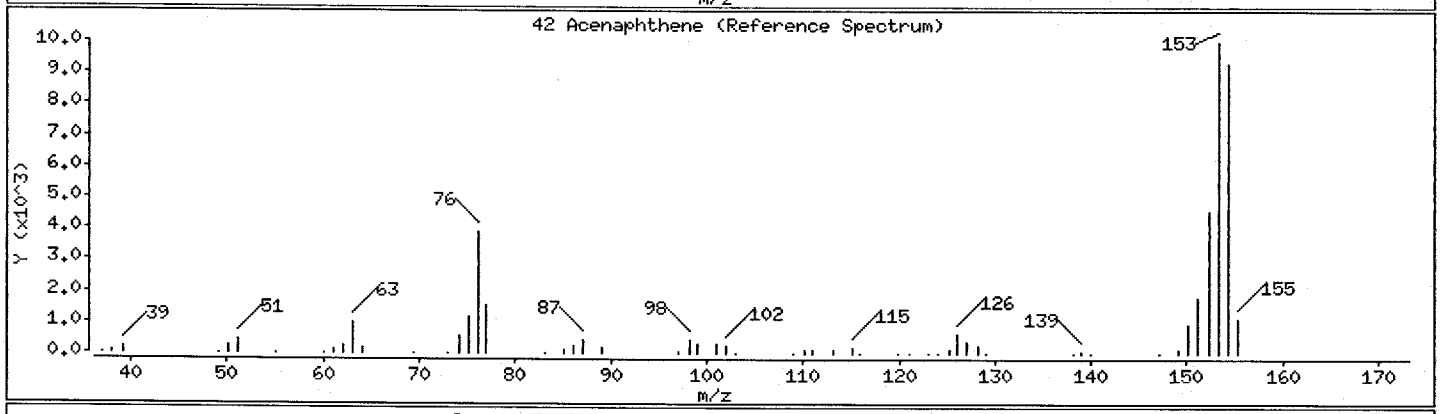
Operator: BNAMS 4

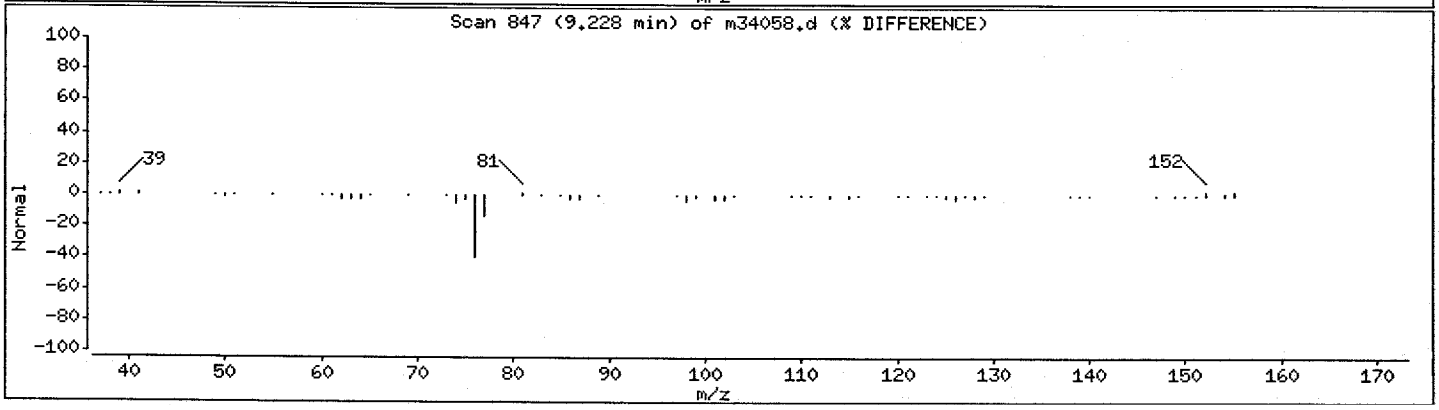
Column phase: DB-5 Column diameter: 0.25

42 Acenaphthene Concentration: 120 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

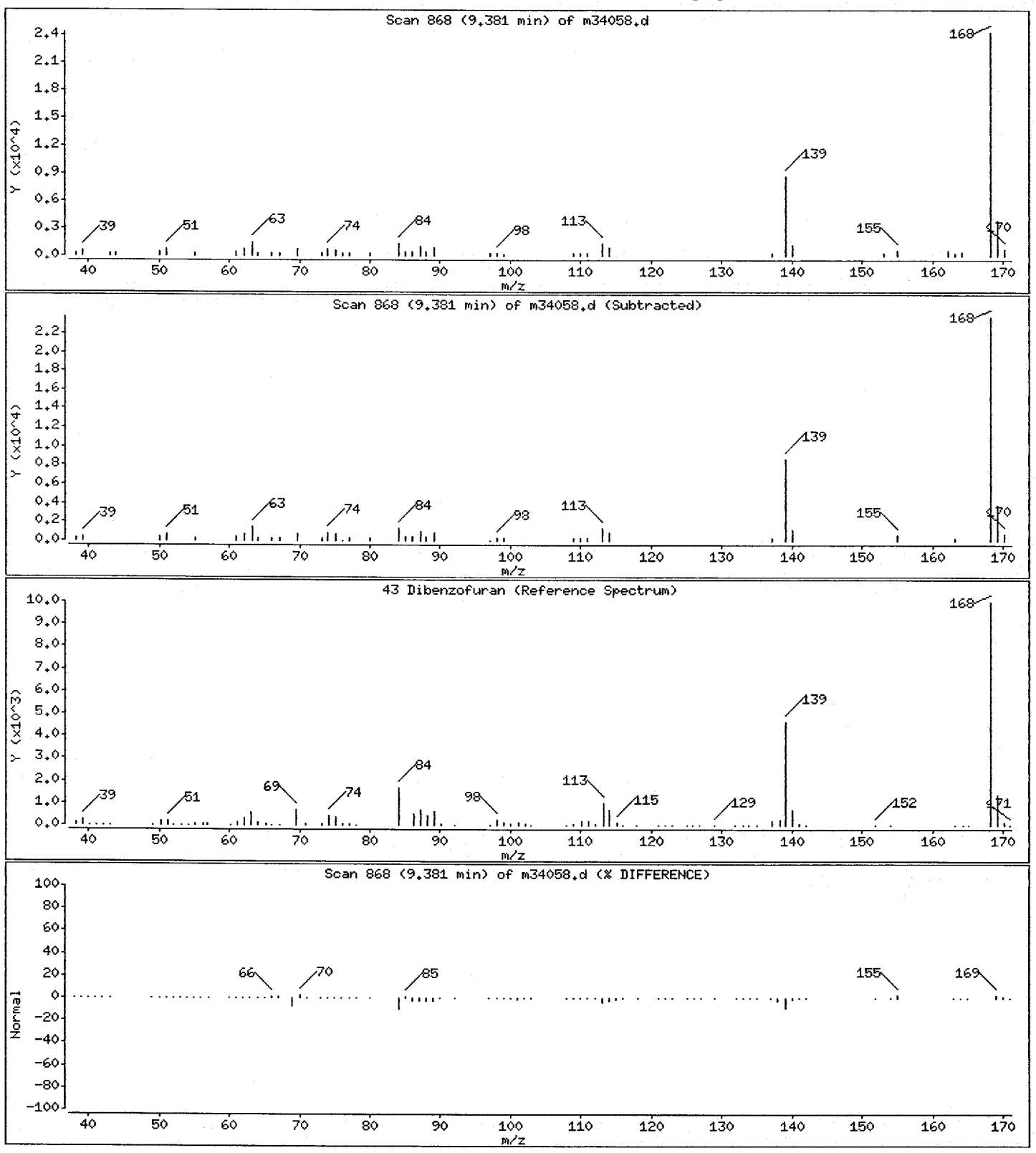
Client ID: 032508-1710 Instrument: BNAMS6.i

Sample Info: 908690;4225888

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

43 Dibenzofuran Concentration: 89 ug/Kg



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Date : 07-APR-2008 18:31

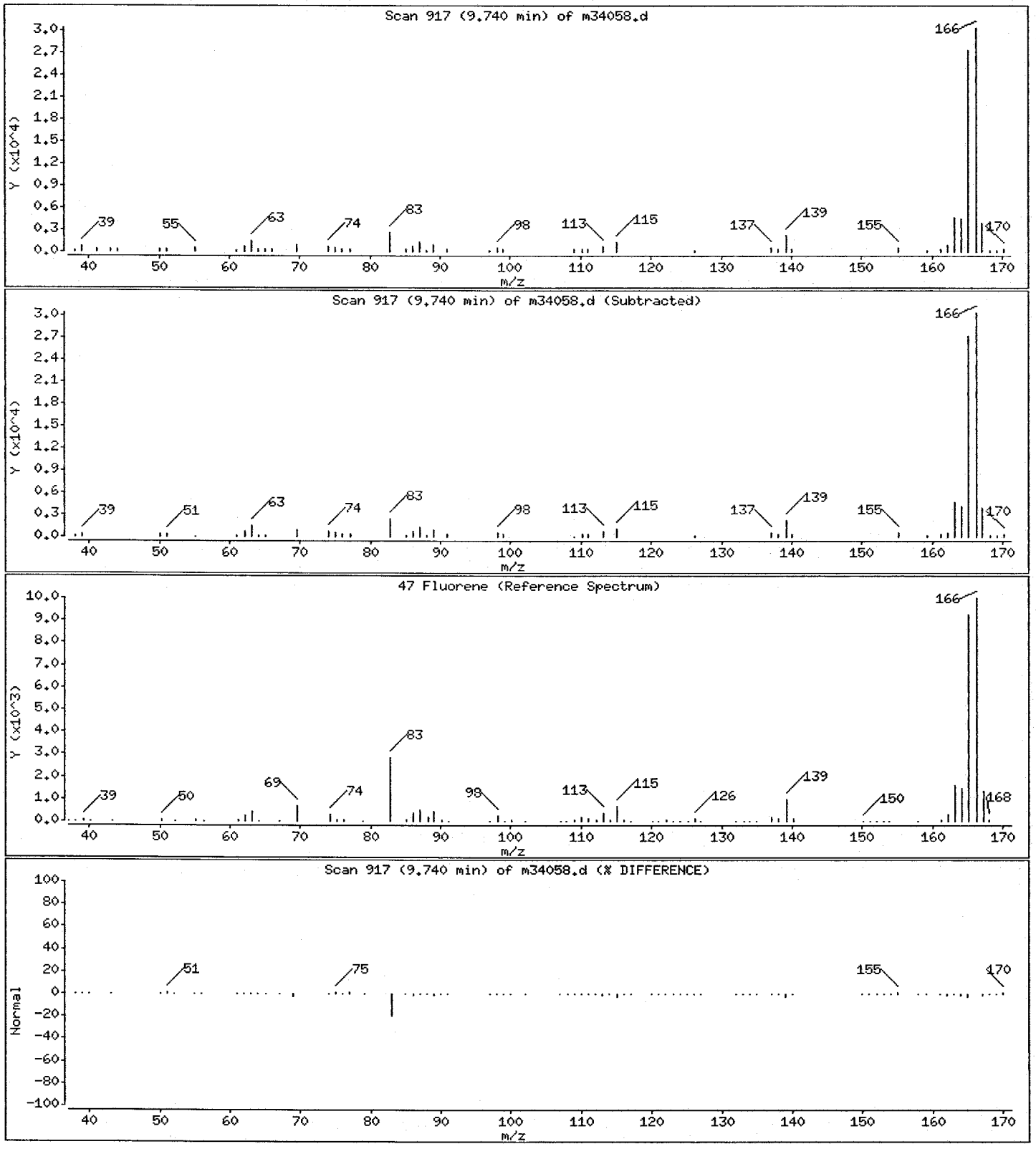
Client ID: 032508-1710 Instrument: BNAMS6.i

Sample Info: 908690;4225888

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 160 ug/Kg



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Date : 07-APR-2008 18:31

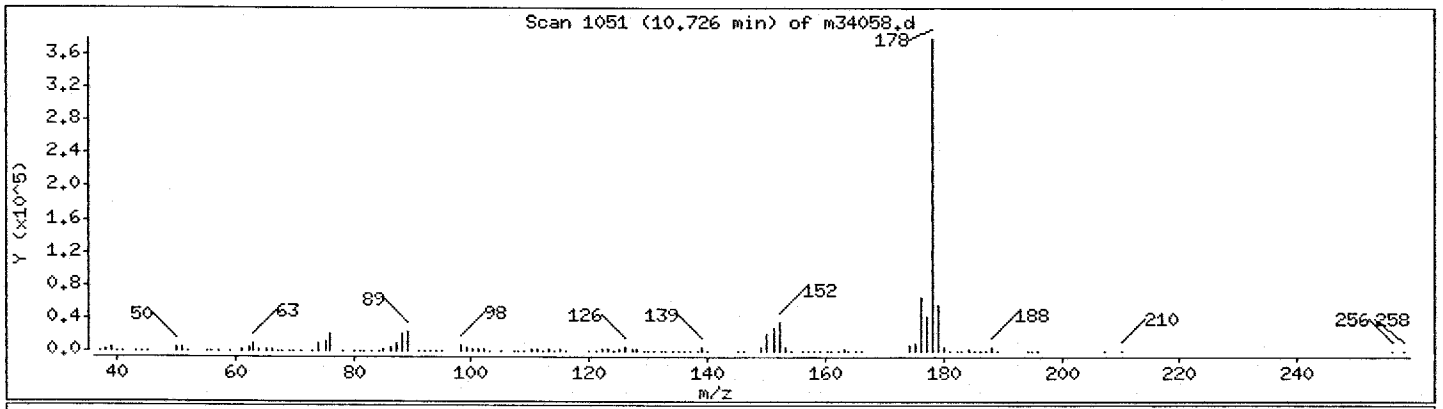
Client ID: 032508-1710 Instrument: BNAMS6.i

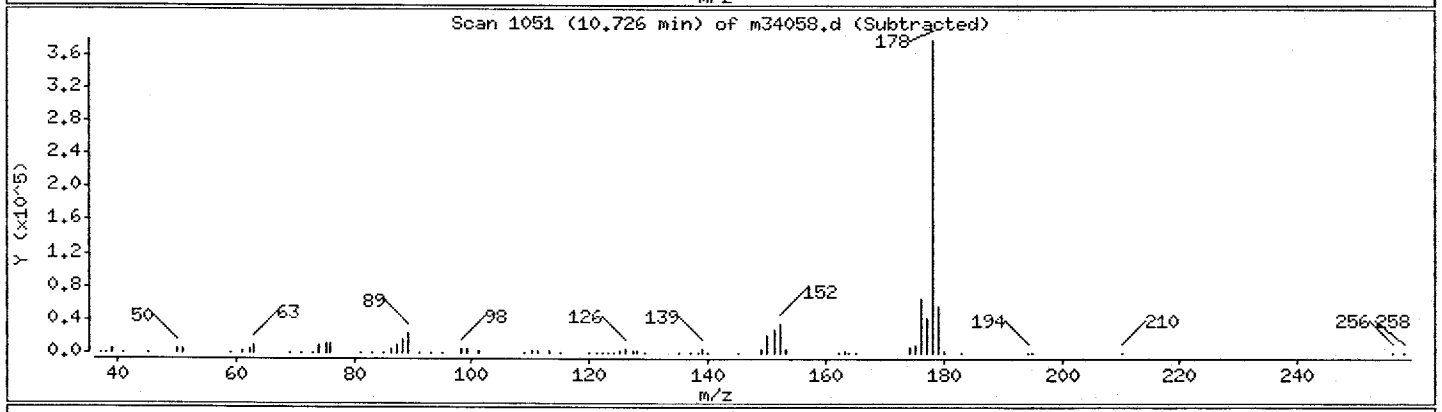
Sample Info: 908690;4225888

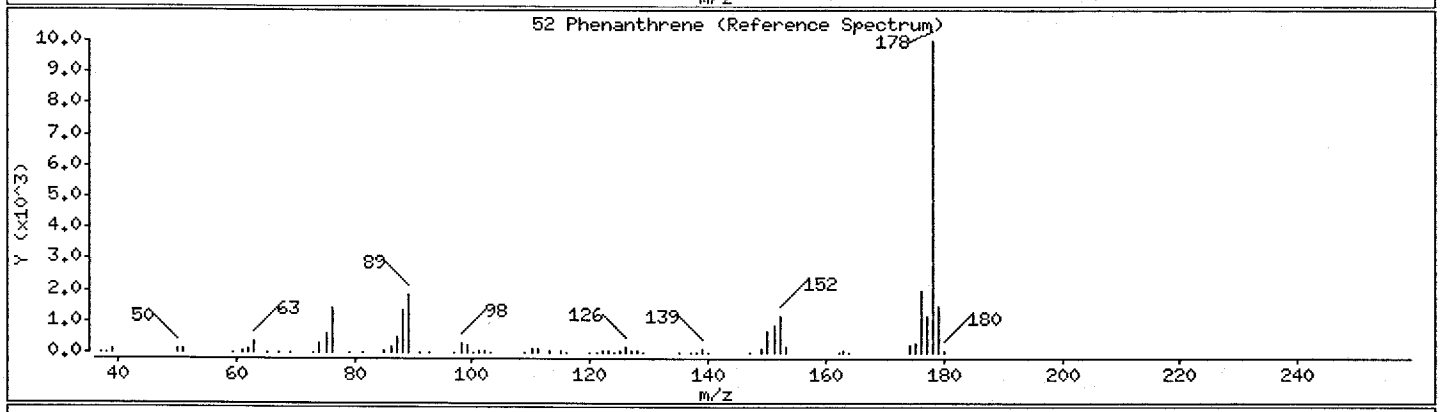
Operator: BNAMS 4

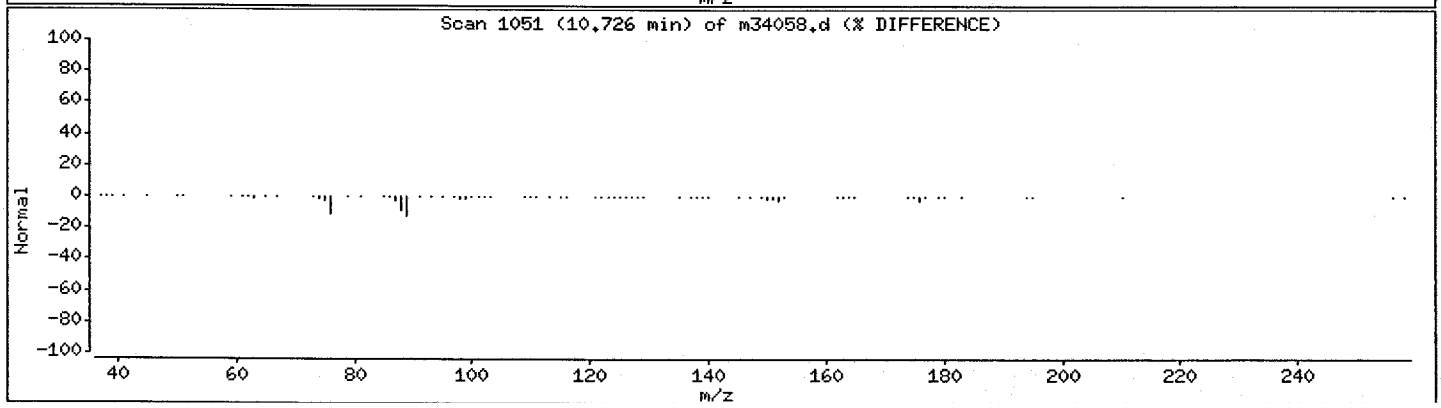
Column phase: DB-5 Column diameter: 0.25

52 Phenanthrene Concentration: 1100 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

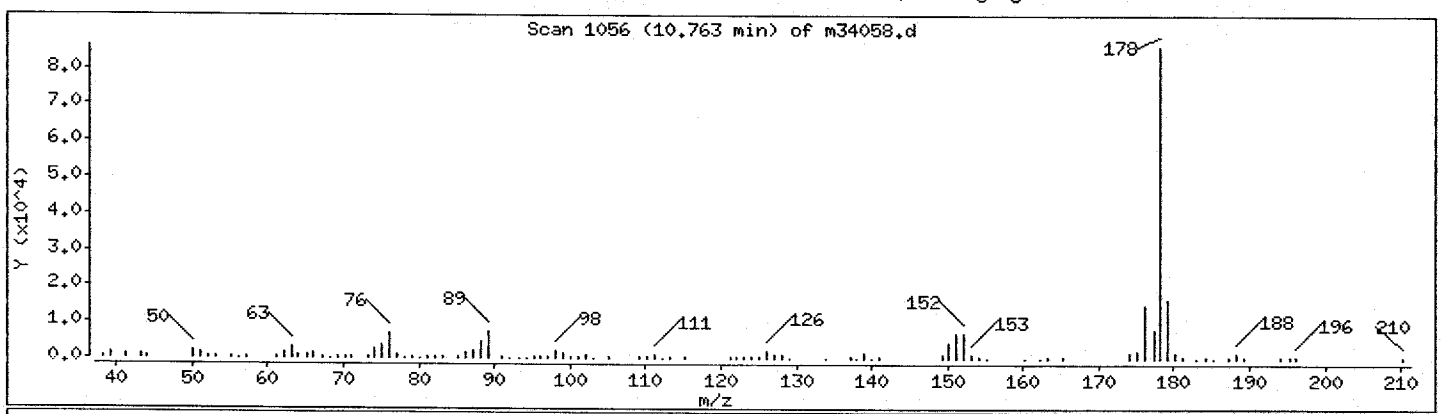
Client ID: 032508-1710 Instrument: BNAMS6.i

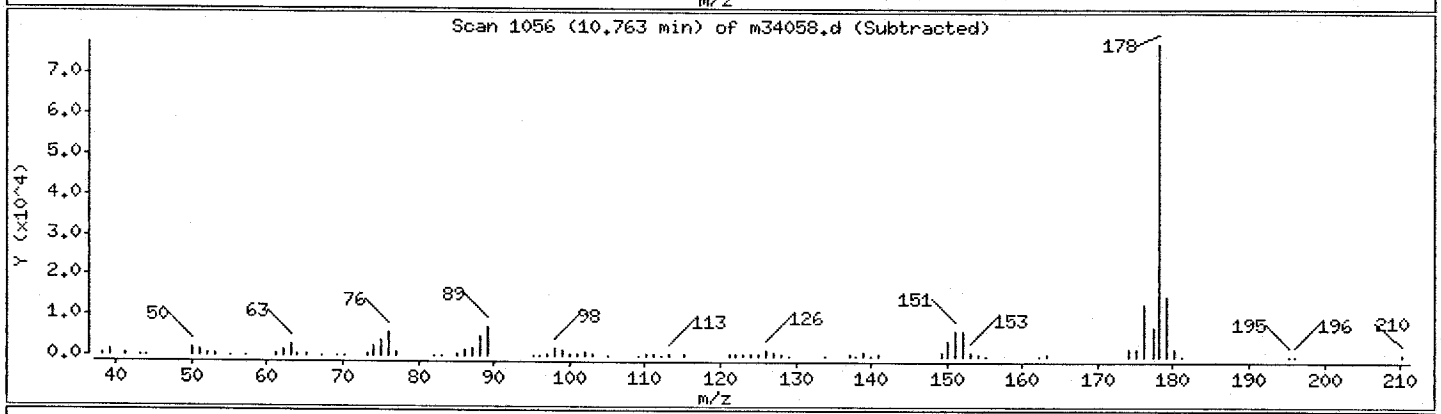
Sample Info: 908690;4225888

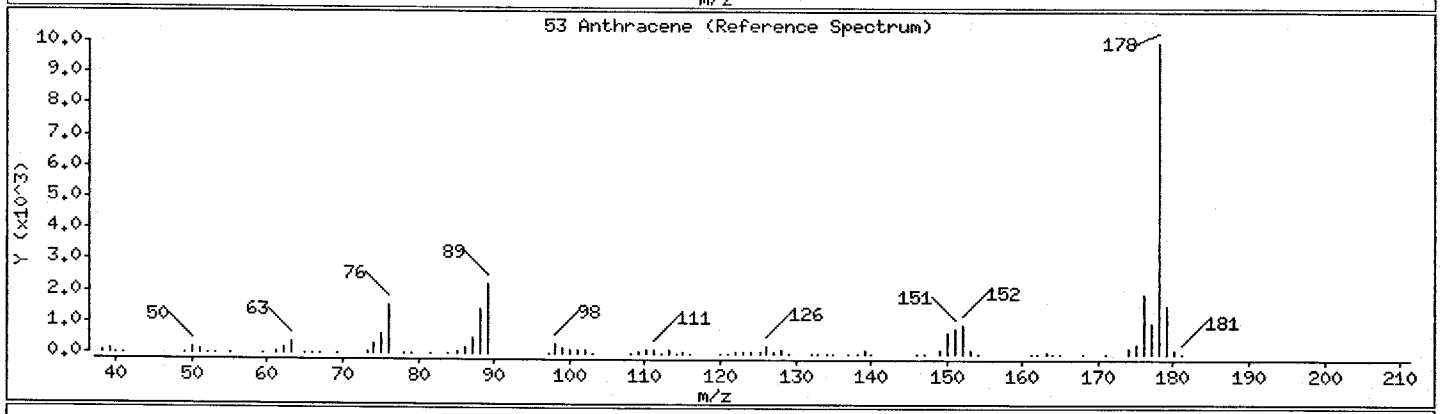
Operator: BNAMS 4

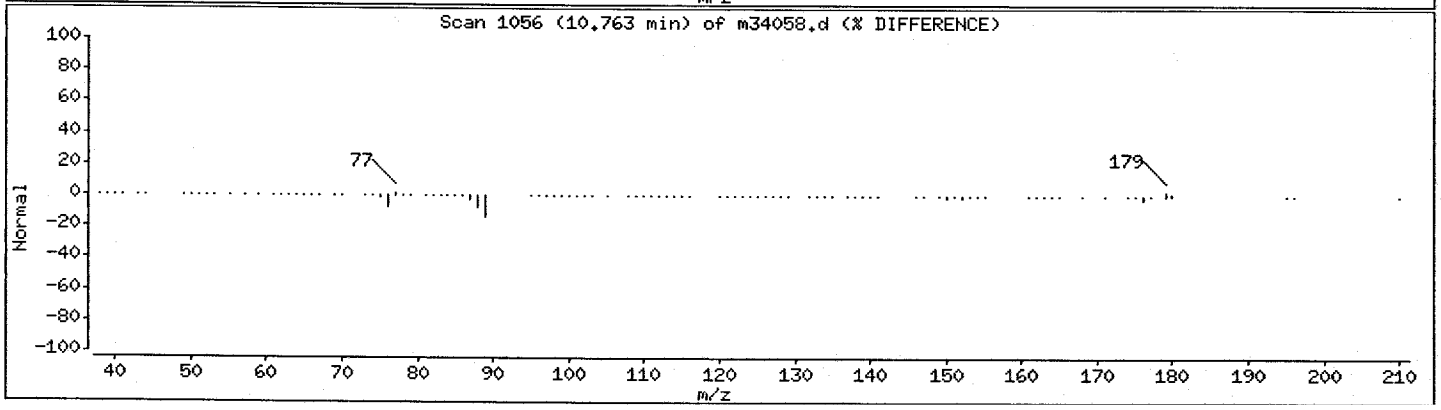
Column phase: DB-5 Column diameter: 0.25

53 Anthracene Concentration: 290 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

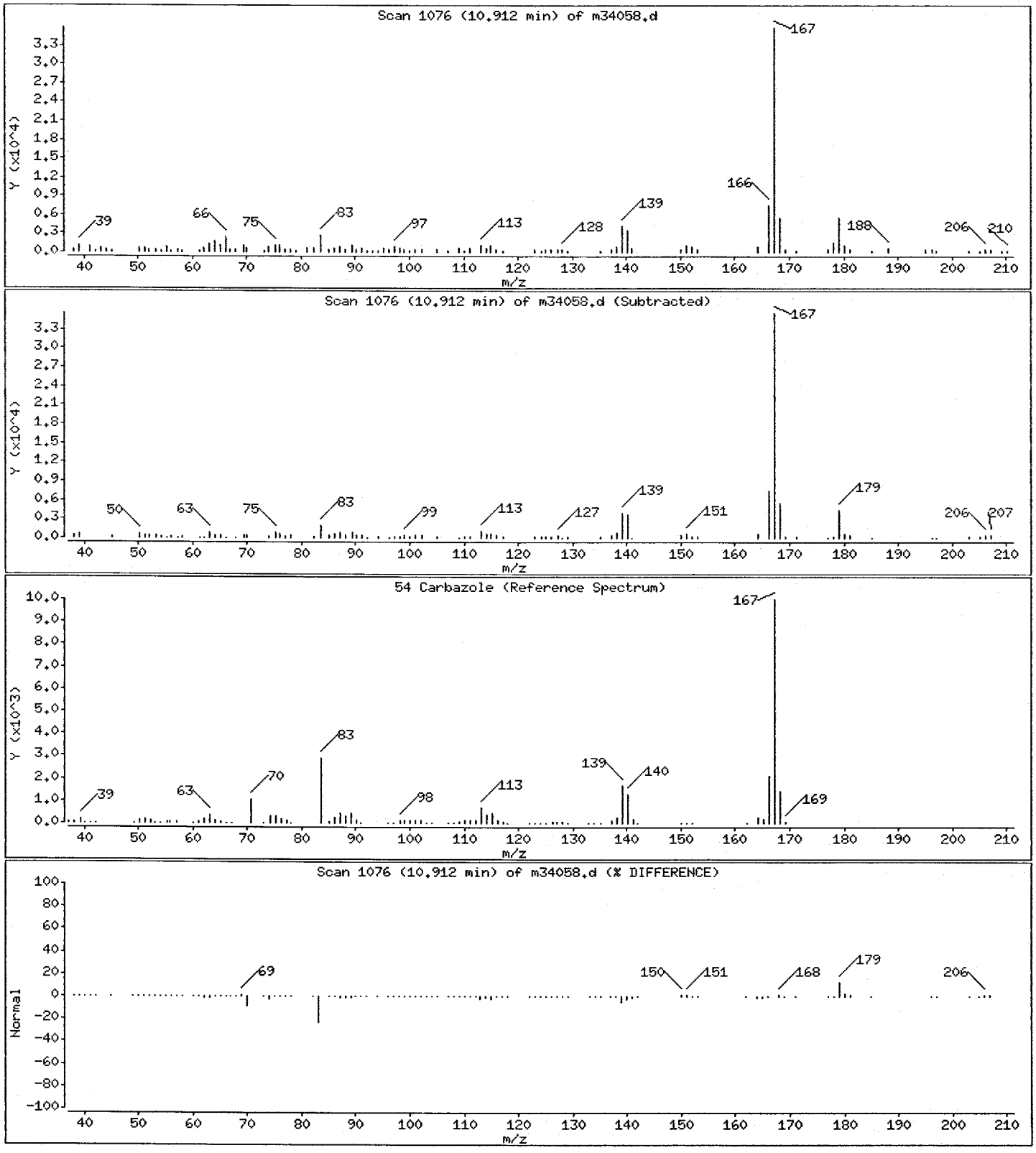
Client ID: 032508-1710 Instrument: BNAMS6.i

Sample Info: 908690;4225888

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

54 Carbazole Concentration: 130 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

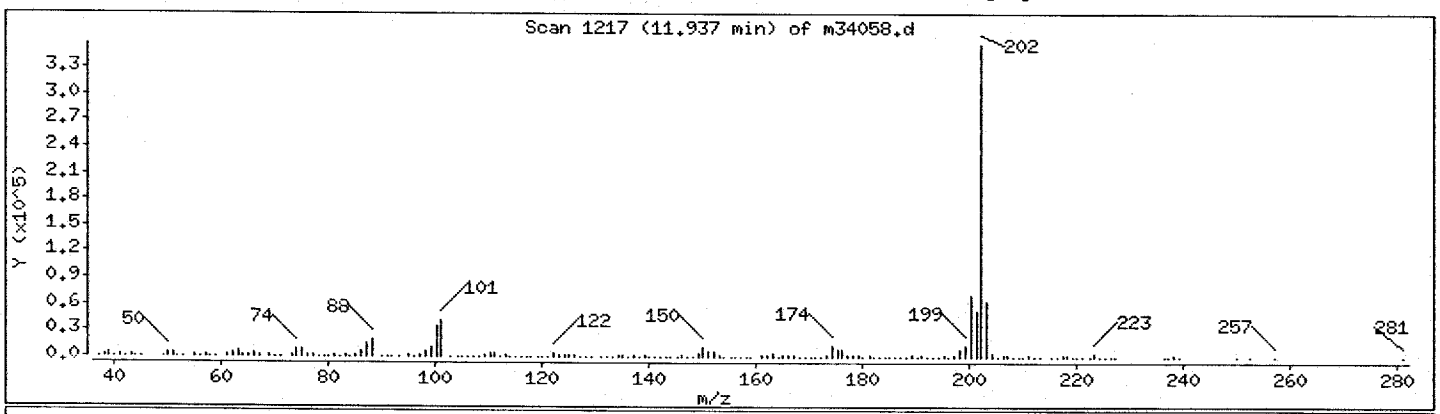
Client ID: 032508-1710 Instrument: BNAMS6.i

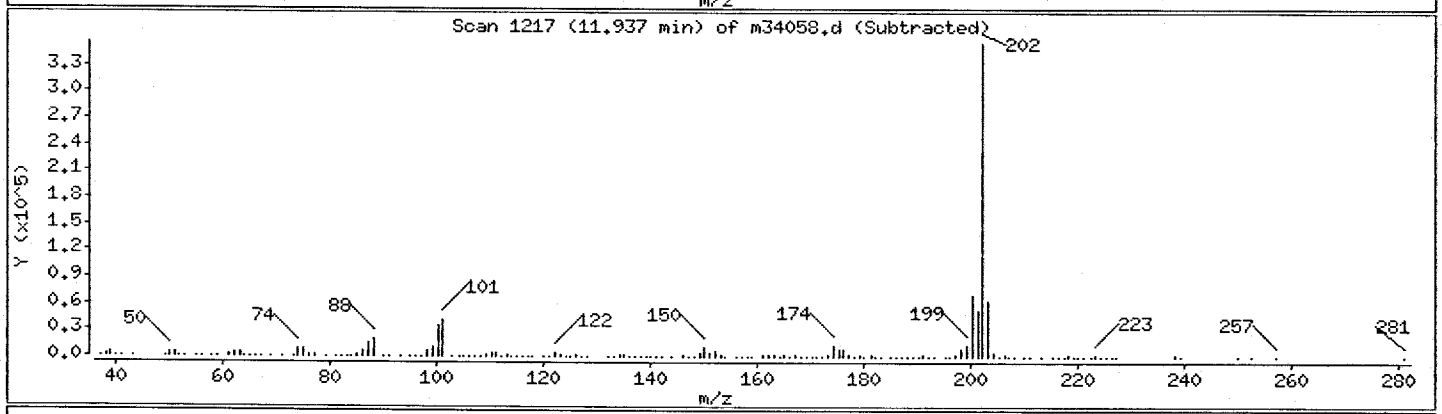
Sample Info: 908690;4225888

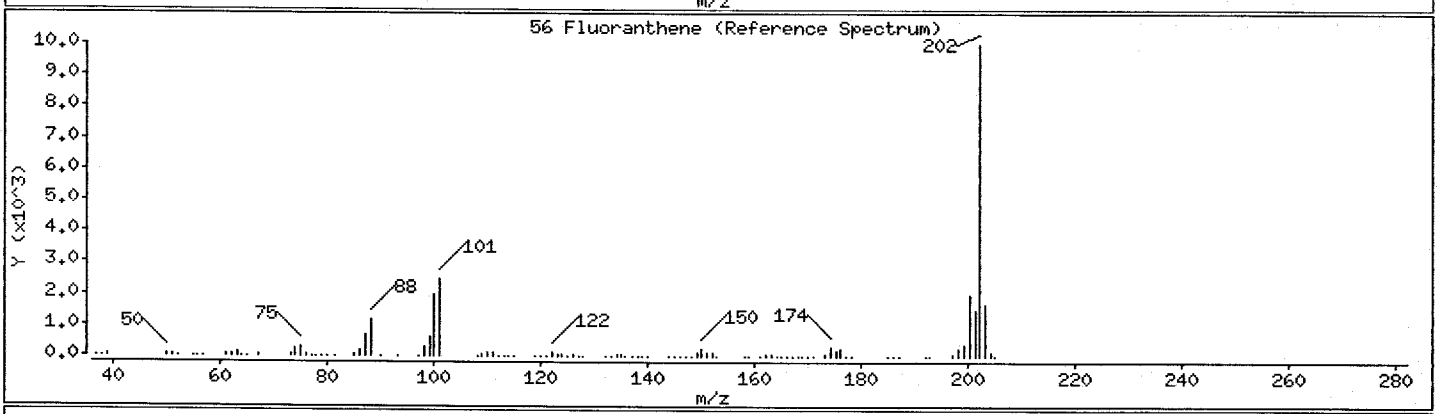
Operator: BNAMS 4

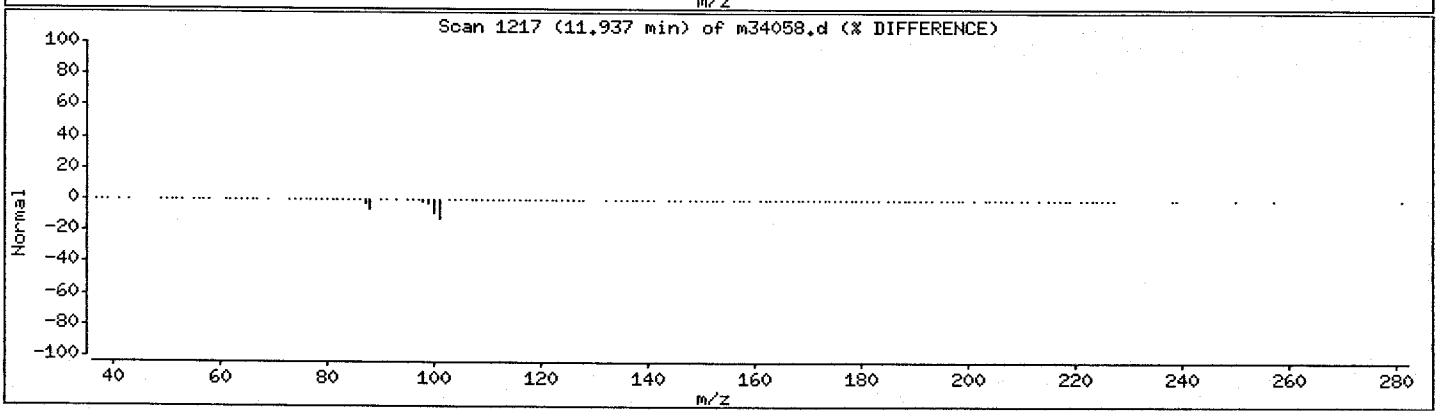
Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 1100 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

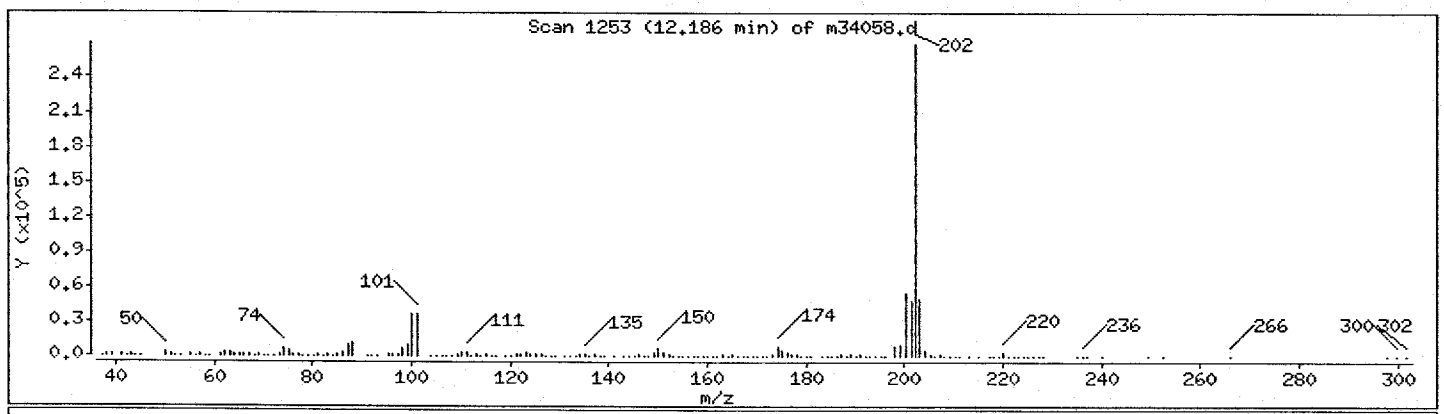
Client ID: 032508-1710 Instrument: BNAMS6.i

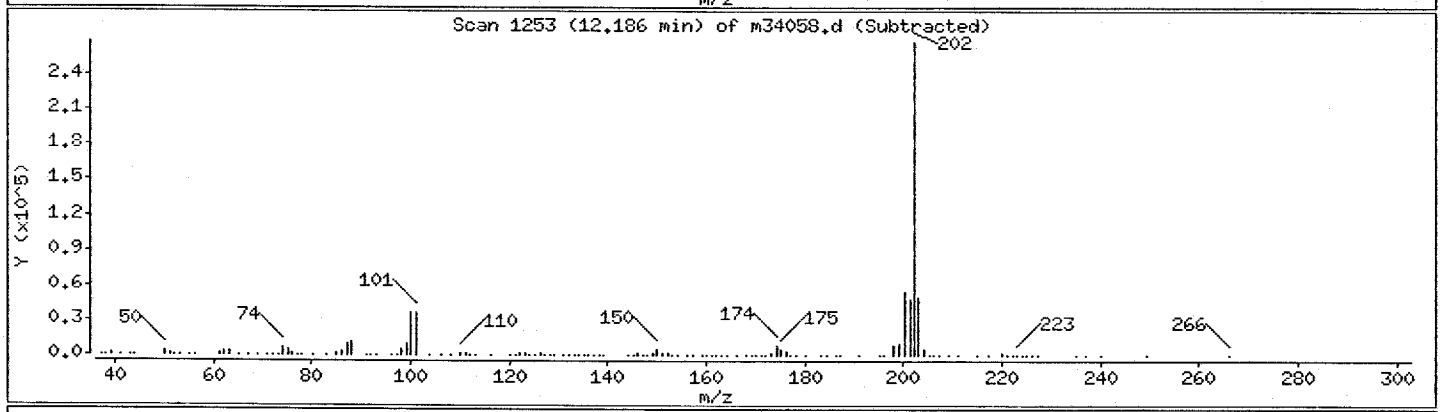
Sample Info: 908690;4225888

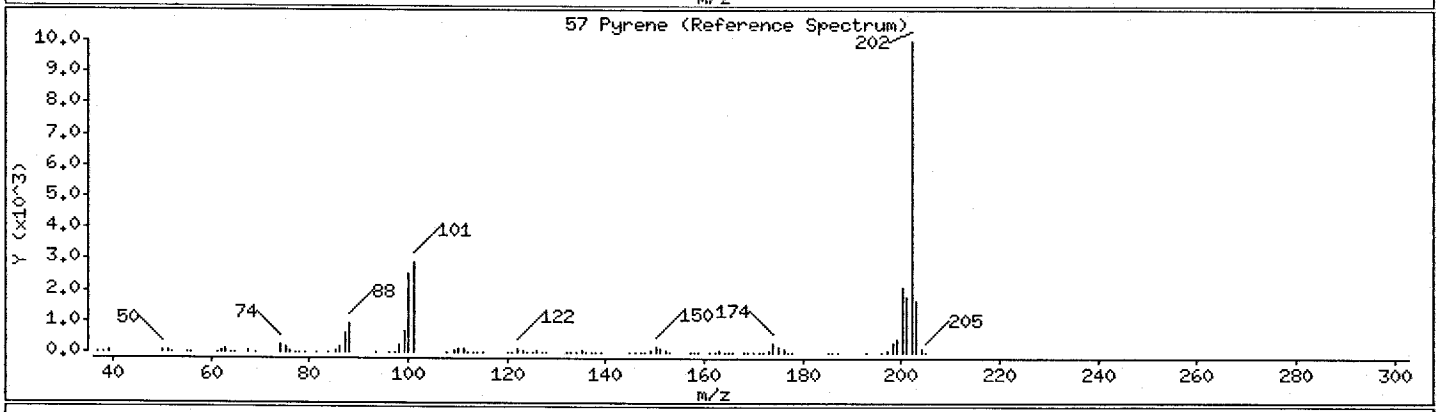
Operator: BNAMS 4

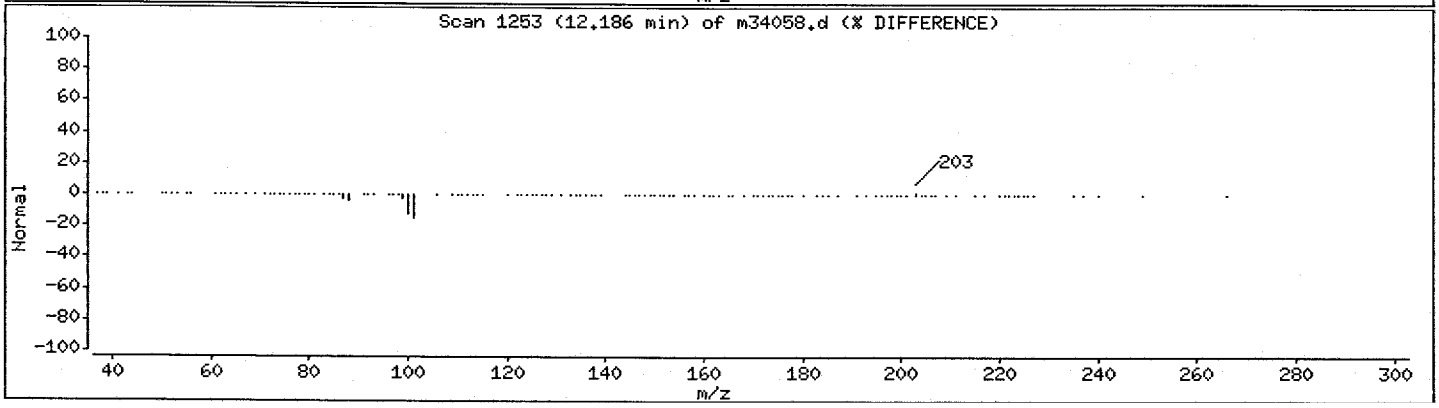
Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 840 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

Client ID: 032508-1710

Instrument: BNAMS6.i

Sample Info: 908690;4225888

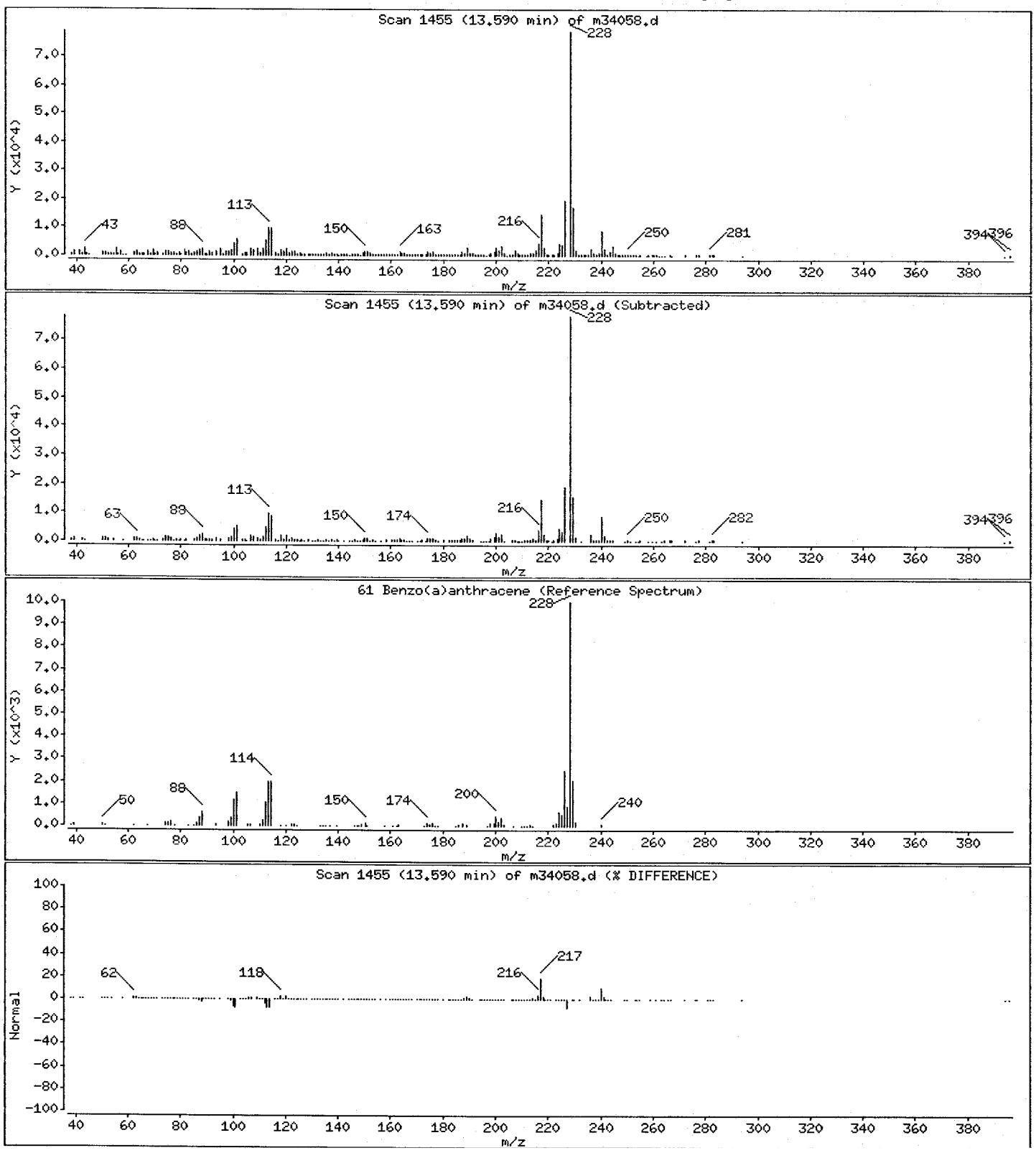
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

61 Benzo(a)anthracene

Concentration: 380 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

Client ID: 032508-1710

Instrument: BNAMS6.i

Sample Info: 908690;4225888

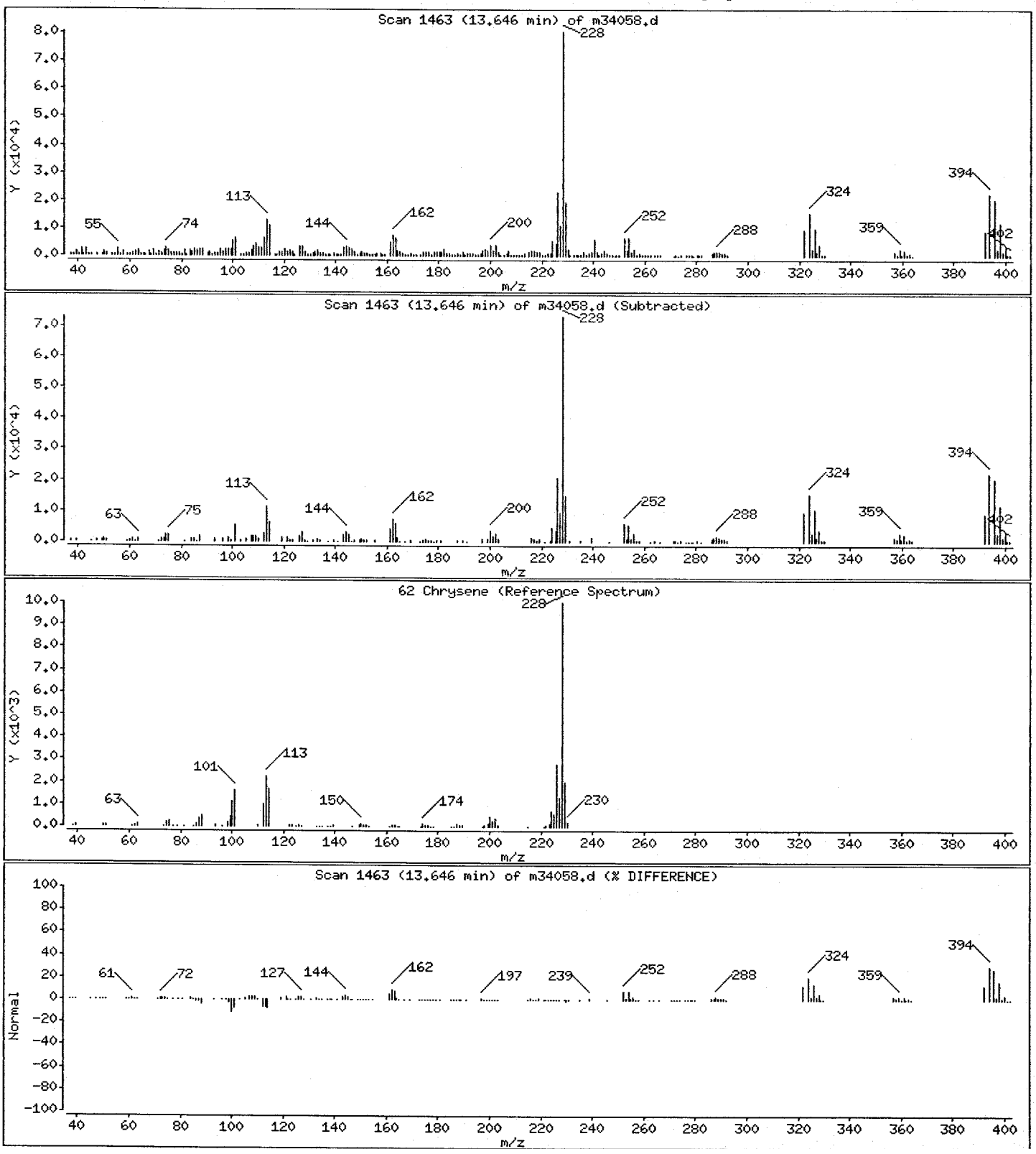
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

62 Chrysene

Concentration: 400 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

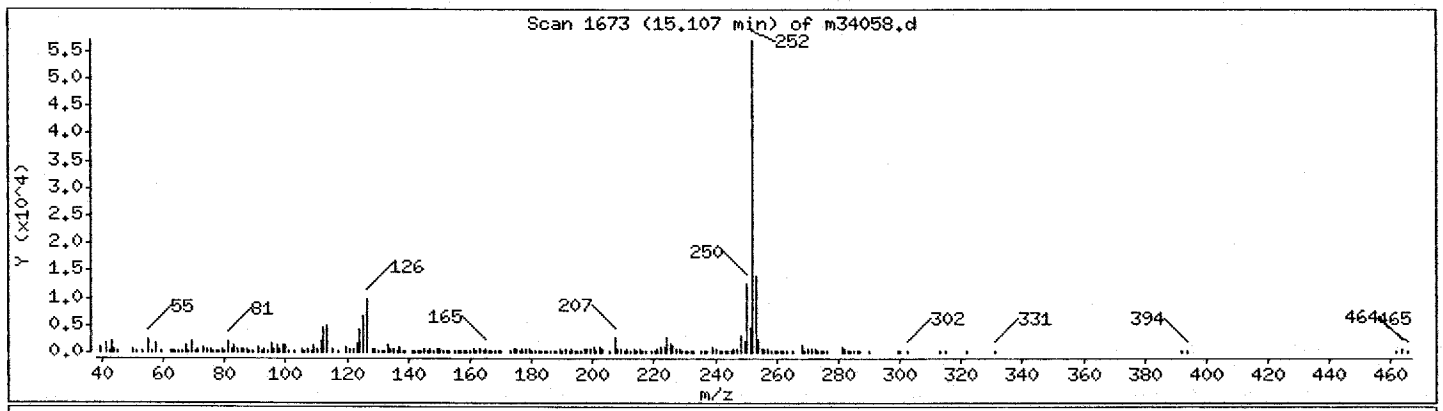
Client ID: 032508-1710 Instrument: BNAMS6.i

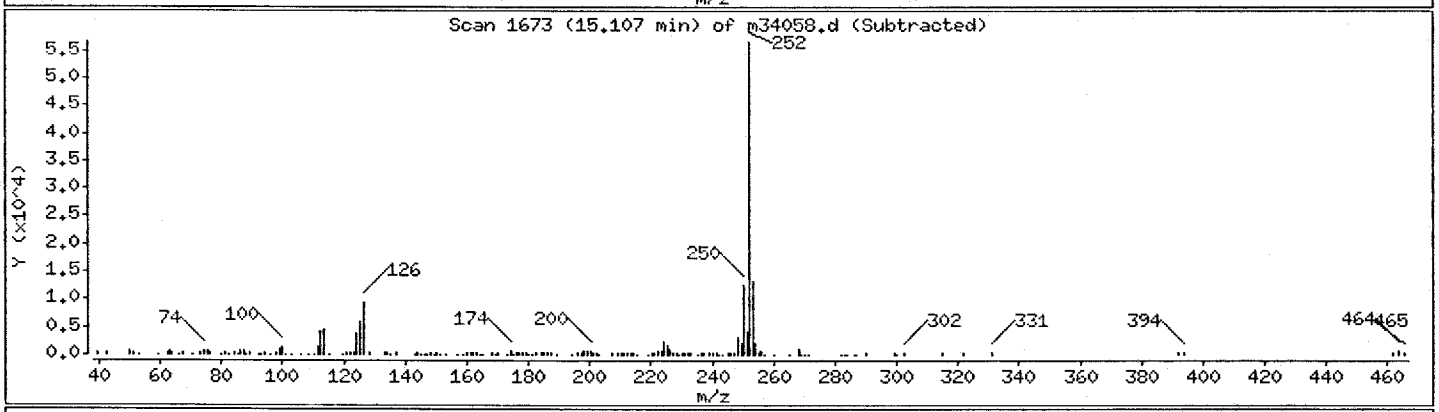
Sample Info: 908690;4225888

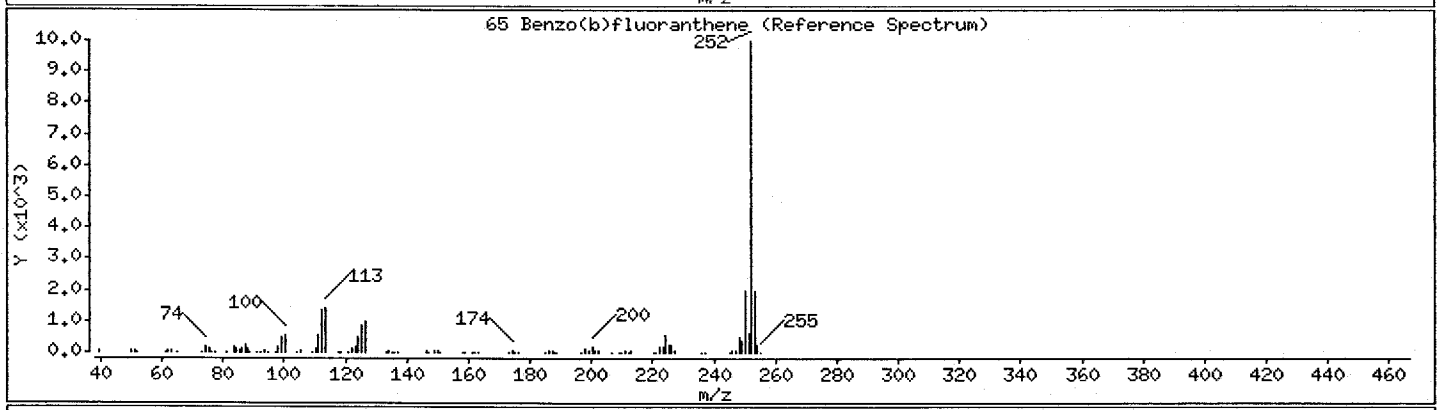
Operator: BNAMS 4

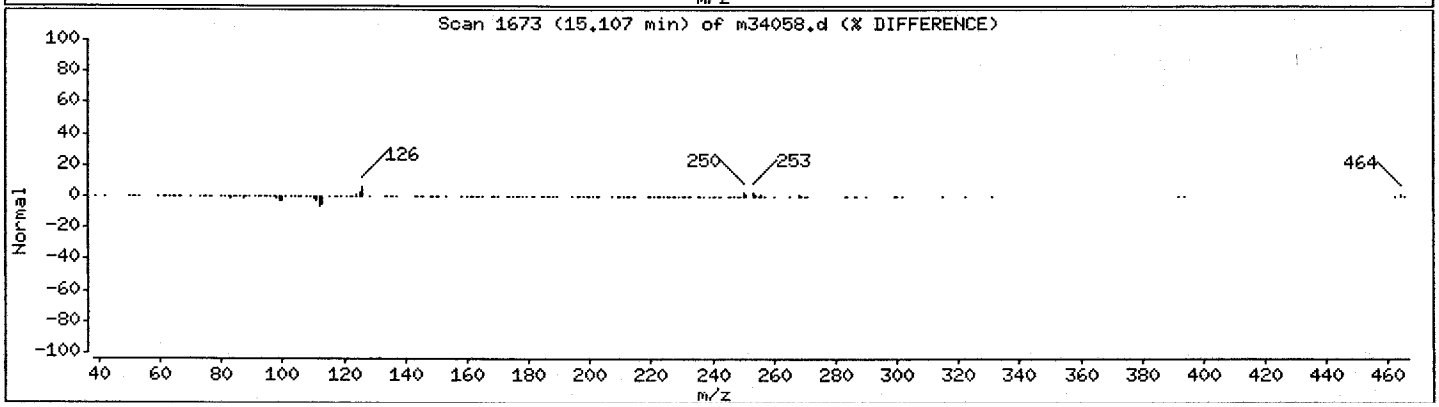
Column phase: DB-5 Column diameter: 0.25

65 Benzo(b)fluoranthene Concentration: 280 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

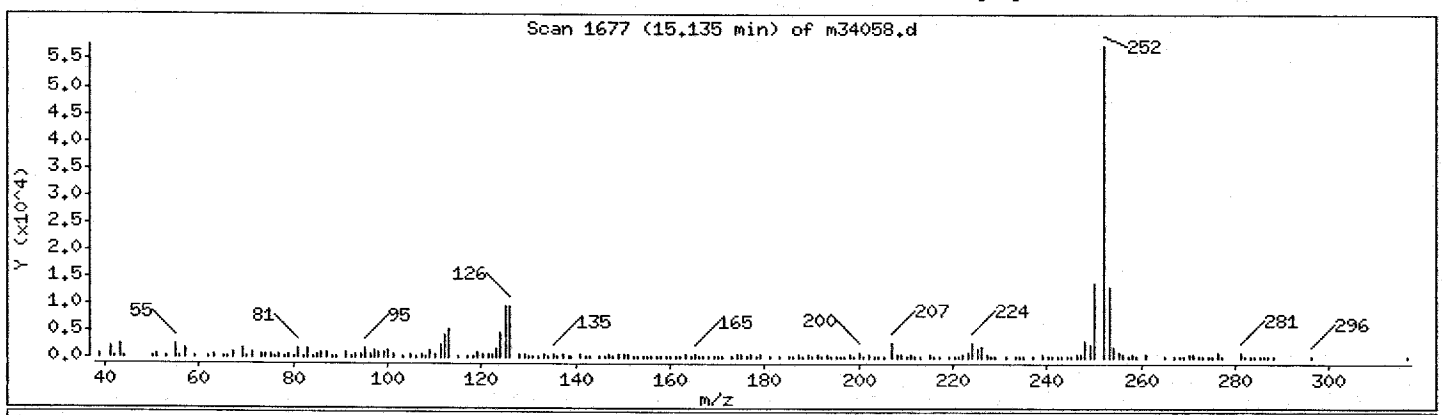
Client ID: 032508-1710 Instrument: BNAMS6.i

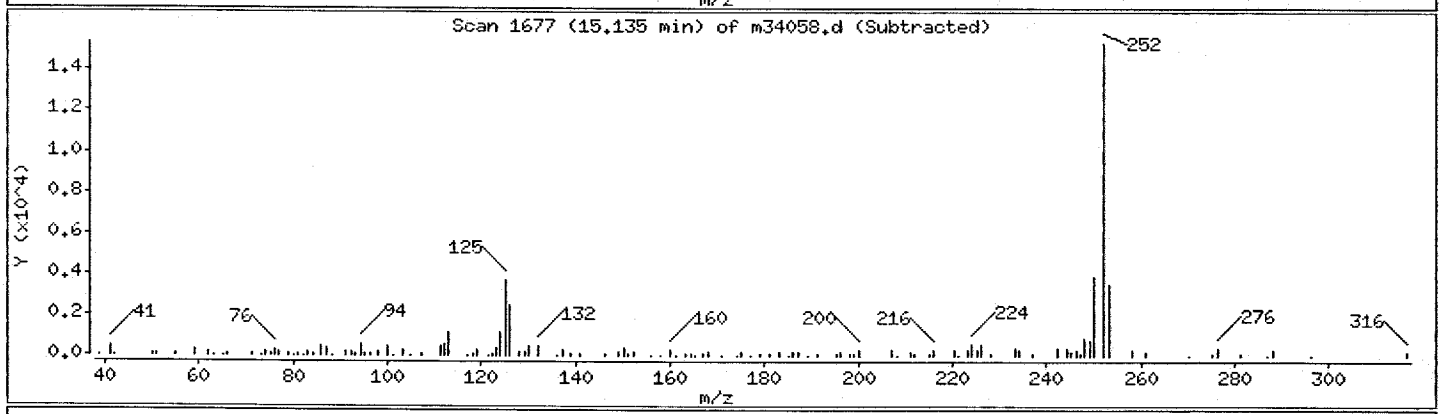
Sample Info: 908690;4225888

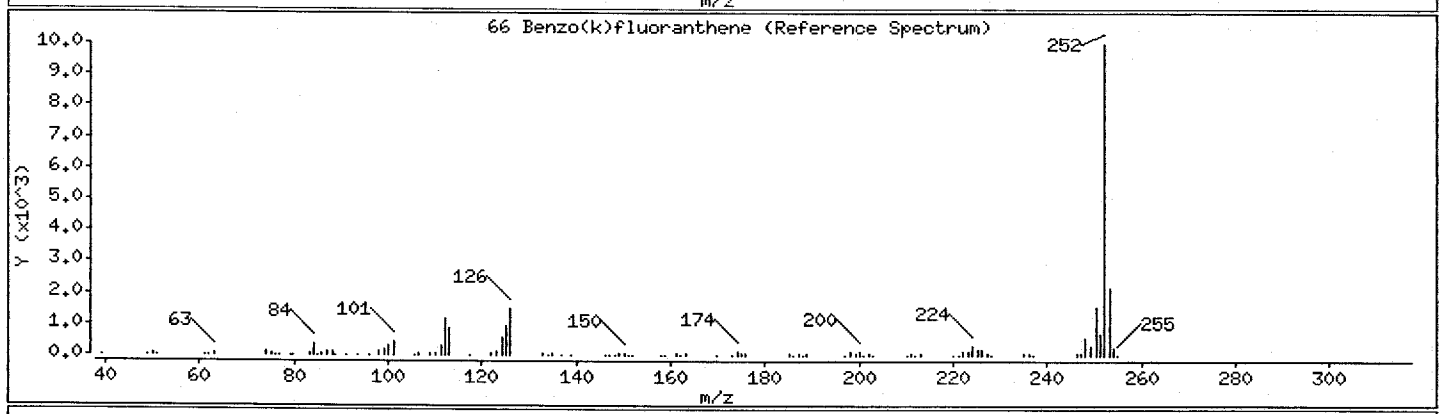
Operator: BNAMS 4

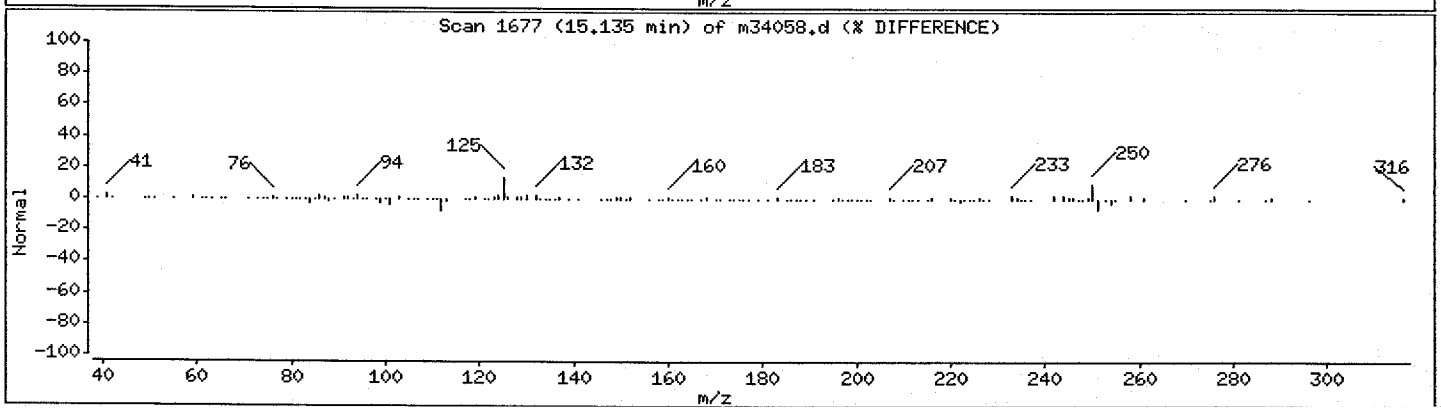
Column phase: DB-5 Column diameter: 0.25

66 Benzo(k)fluoranthene Concentration: 280 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

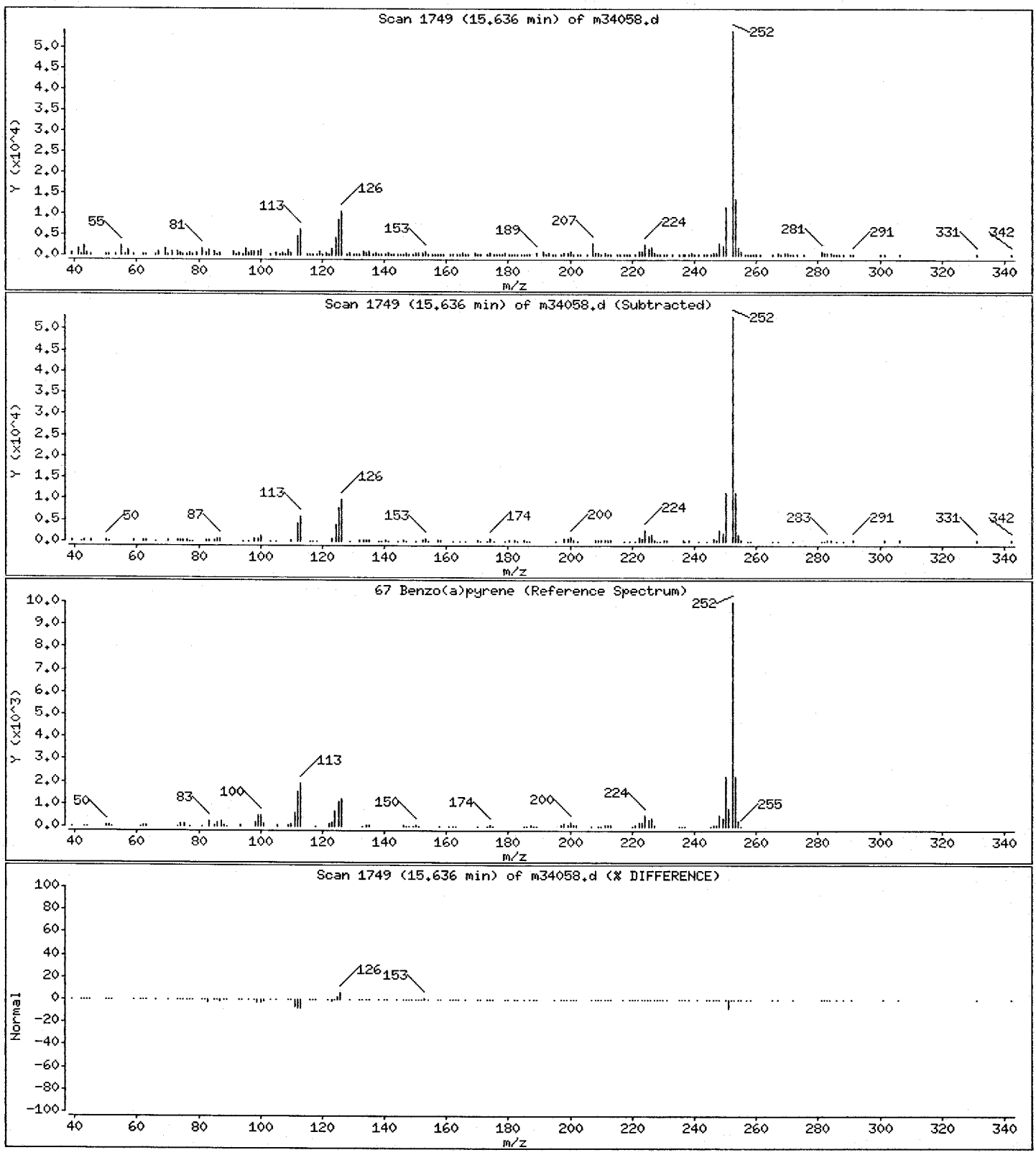
Client ID: 032508-1710 Instrument: BNAMS6.i

Sample Info: 908690;4225888

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

67 Benzo(a)pyrene Concentration: 330 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

Client ID: 032508-1710

Instrument: BNAMS6.i

Sample Info: 908690;4225888

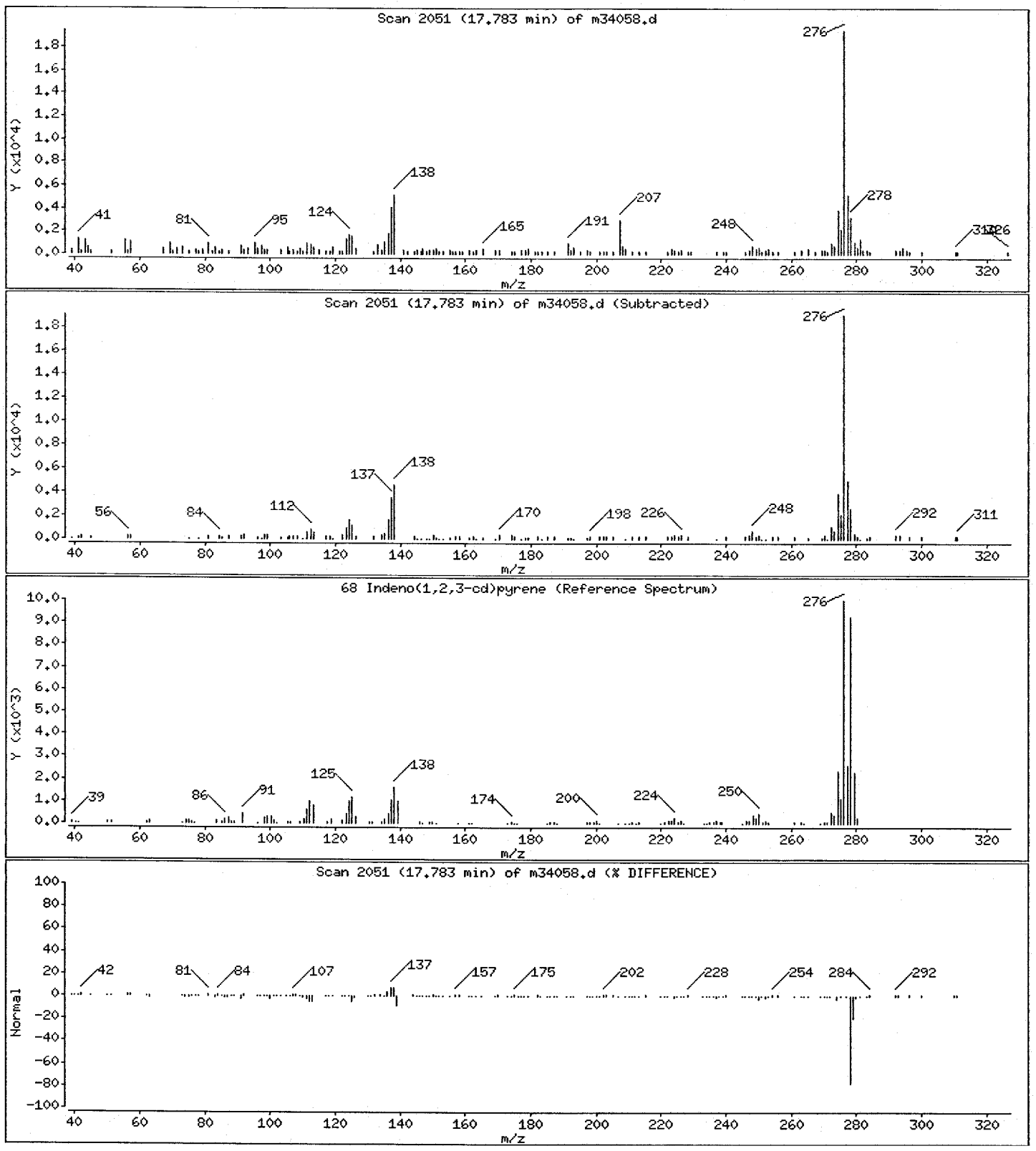
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

68 Indeno(1,2,3-cd)pyrene

Concentration: 190 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

Client ID: 032508-1710

Instrument: BNAMS6.i

Sample Info: 908690;4225888

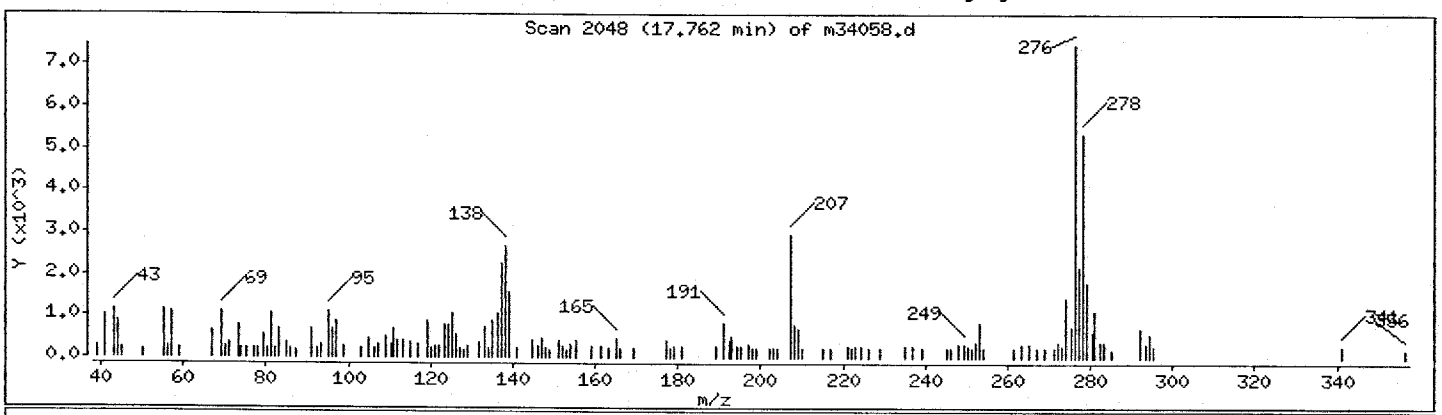
Operator: BNAMS 4

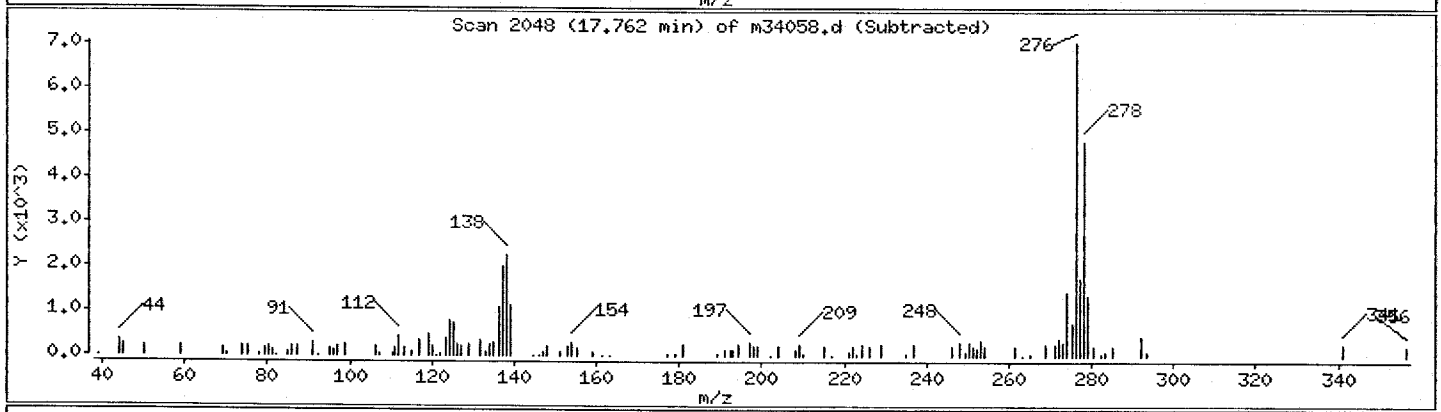
Column phase: DB-5

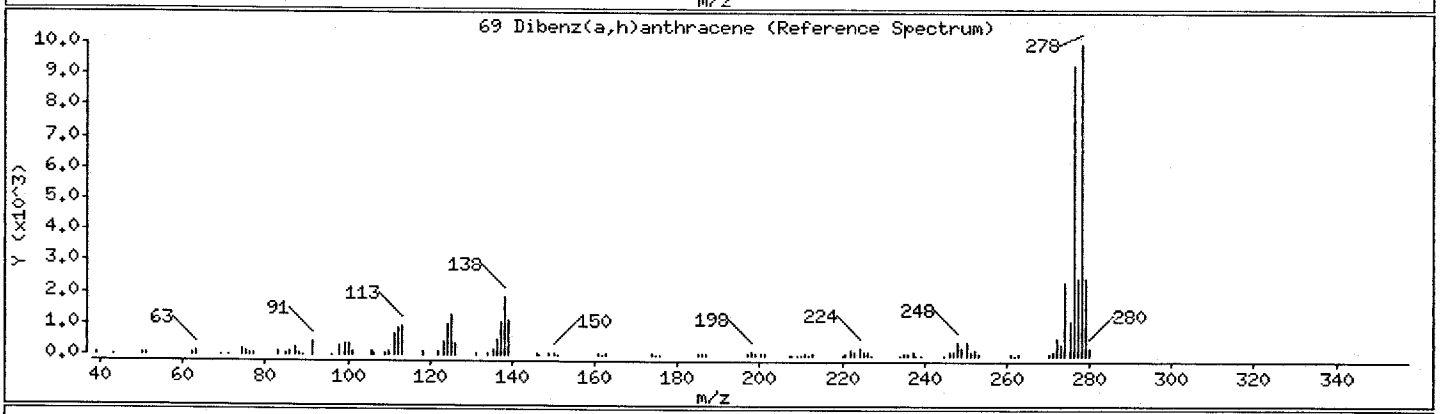
Column diameter: 0.25

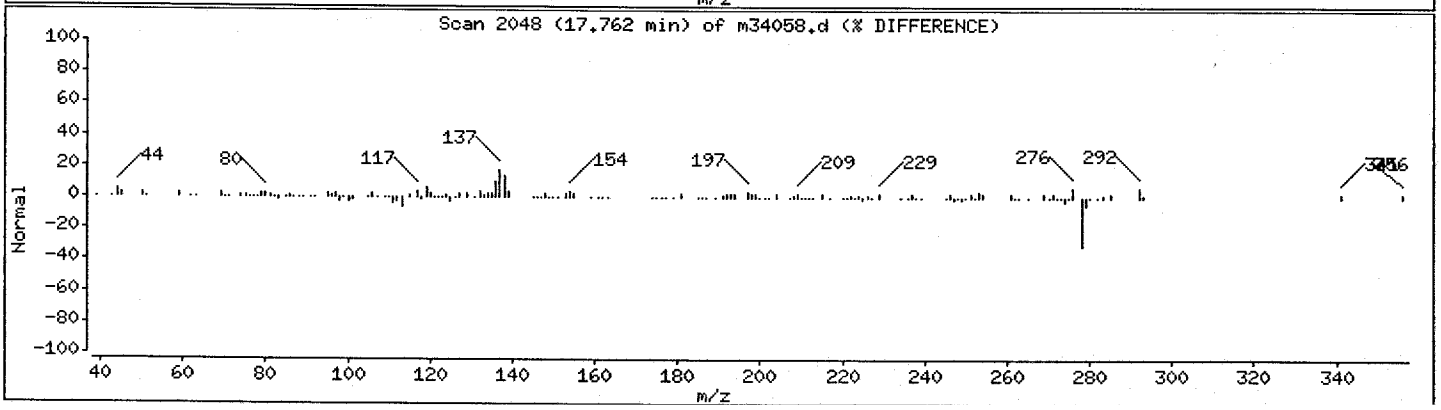
69 Dibenz(a,h)anthracene

Concentration: 60 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

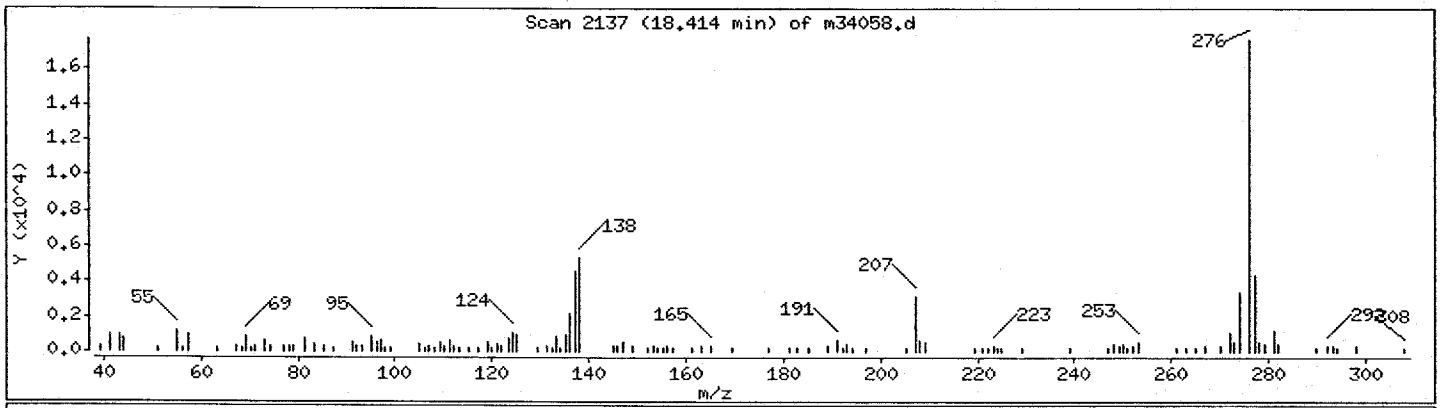
Client ID: 032508-1710 Instrument: BNAMS6.i

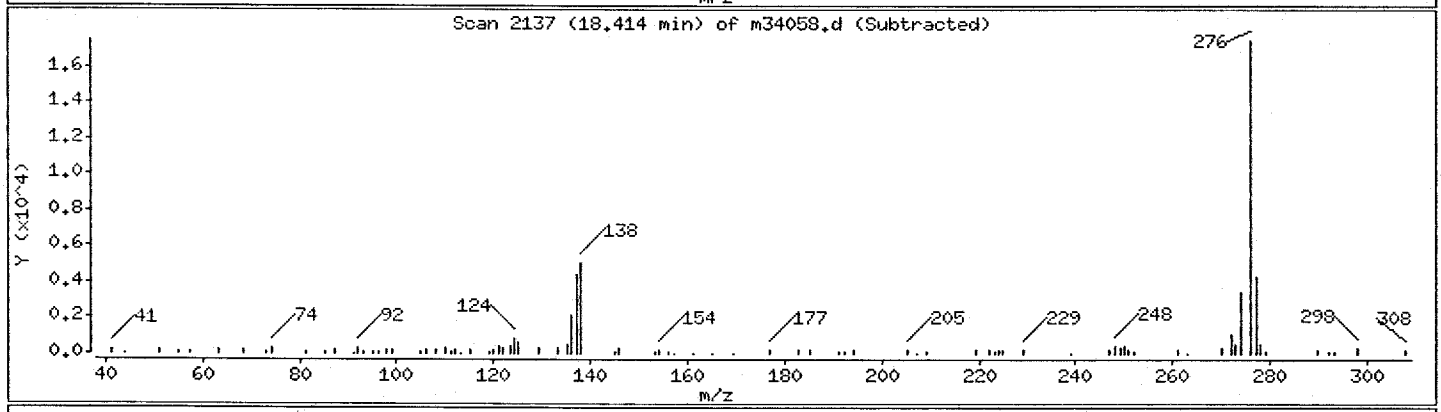
Sample Info: 908690;4225888

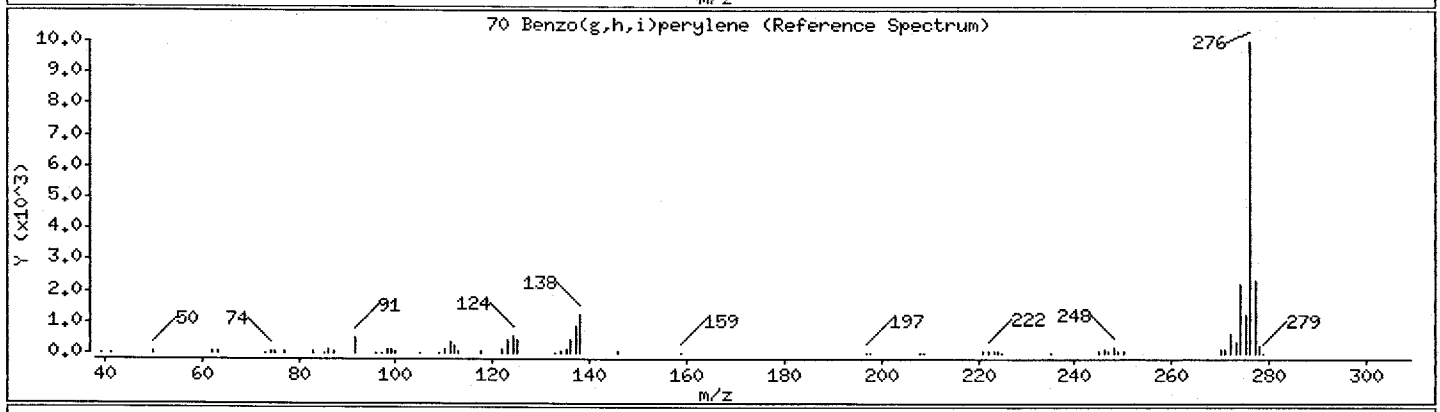
Operator: BNAMS 4

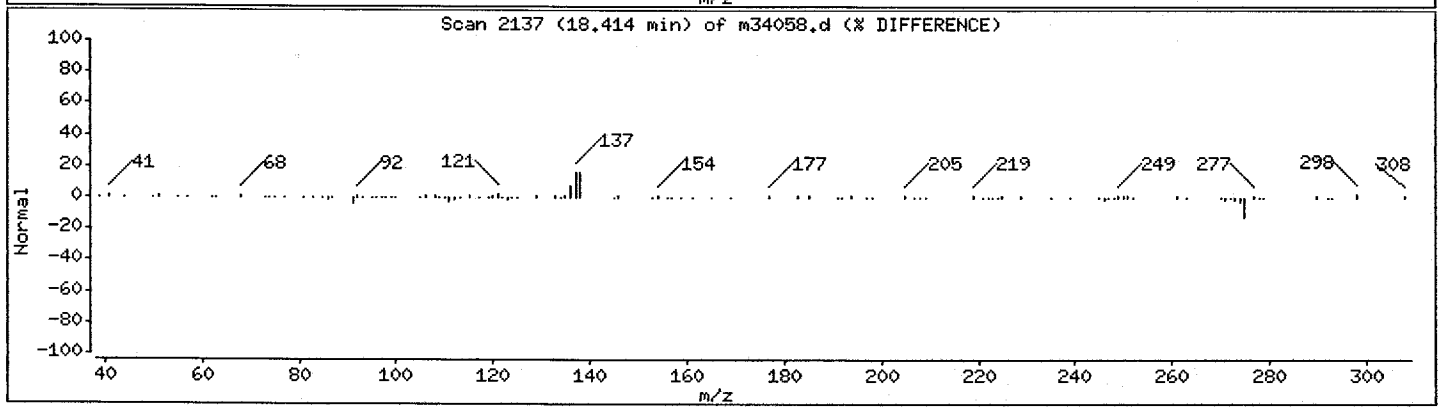
Column phase: DB-5 Column diameter: 0.25

70 Benzo(g,h,i)perylene Concentration: 220 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

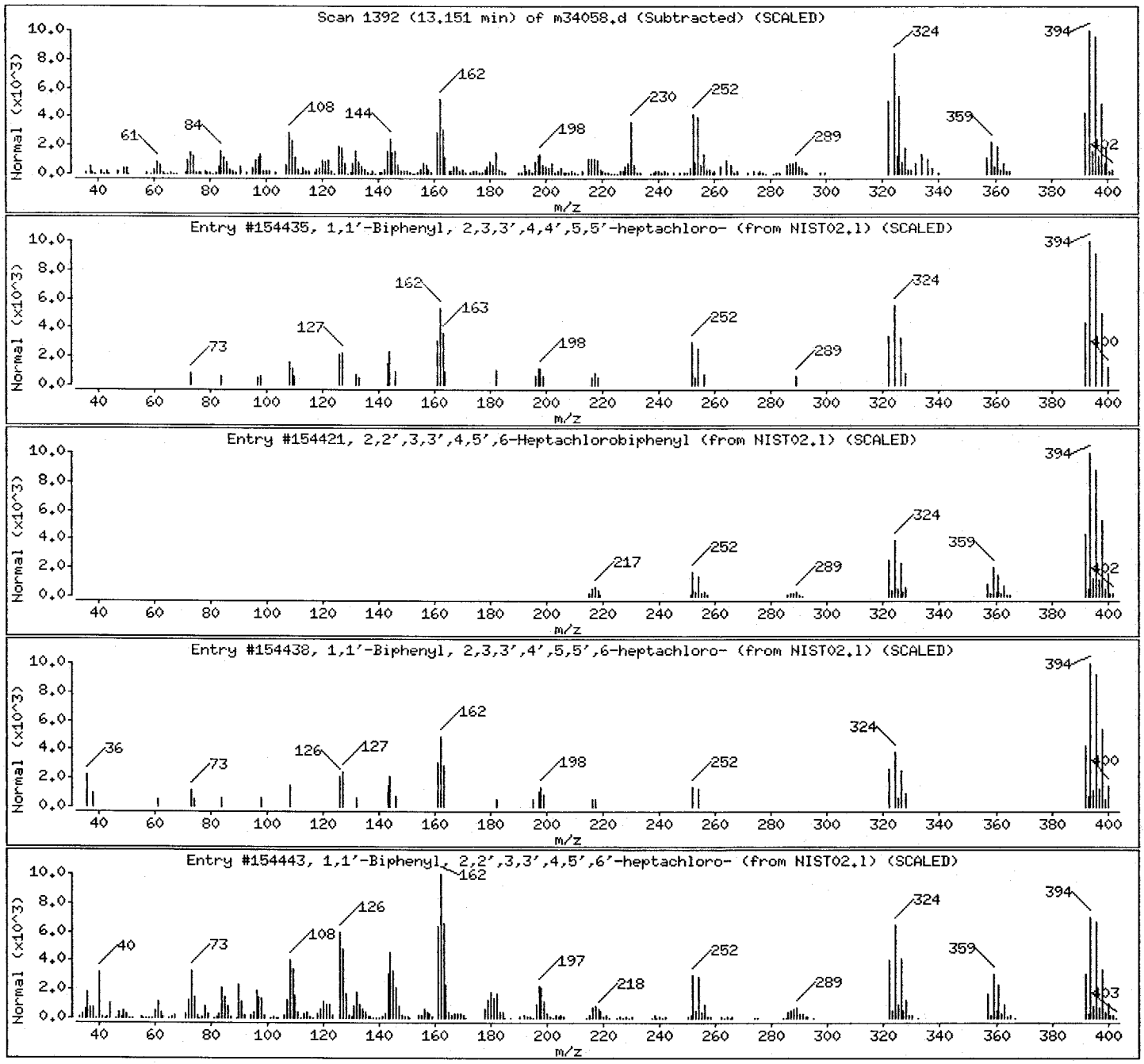
Client ID: 032508-1710 Instrument: BNAMS6.i

Sample Info: 908690;4225888

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	97	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,5',6'-heptach	52663-70-4	NIST02.l	154443	95	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34058.d

Date : 07-APR-2008 18:31

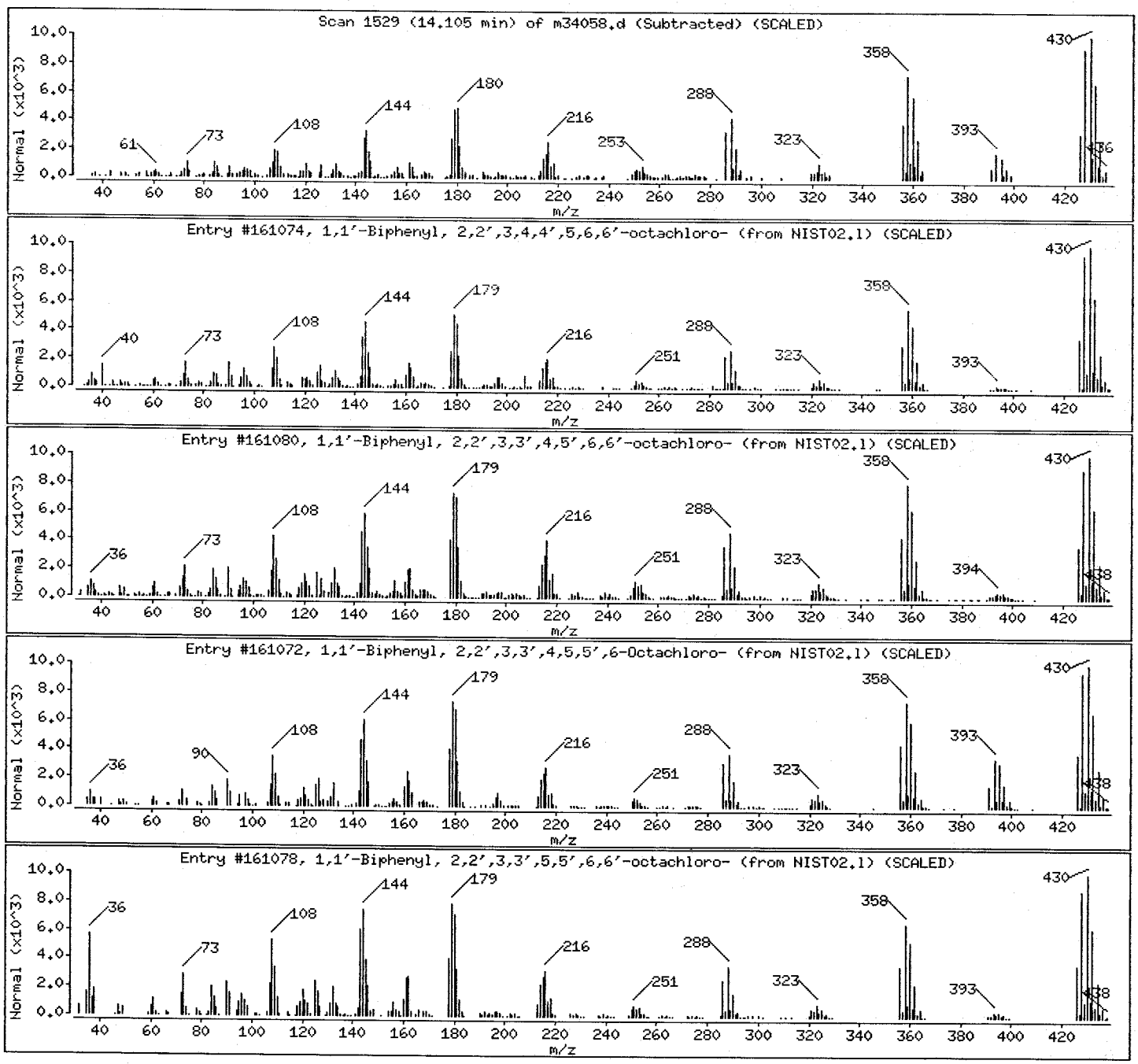
Client ID: 032508-1710 Instrument: BNAMS6.i

Sample Info: 908690;4225888

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-octach	74472-52-9	NIST02.l	161074	98	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	94	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6-Octach	68194-17-2	NIST02.l	161072	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	91	C12H2Cl8	426



Client ID: **032508-1720**
Site: BP Hastings

Lab Sample No: **908691**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34061.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 22

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	430
2-Chlorophenol	ND	430
2-Methylphenol	ND	430
4-Methylphenol	15 J	430
2-Nitrophenol	ND	430
2,4-Dimethylphenol	ND	430
2,4-Dichlorophenol	ND	430
4-Chloro-3-methylphenol	ND	430
2,4,6-Trichlorophenol	ND	430
2,4,5-Trichlorophenol	ND	430
2,4-Dinitrophenol	ND	1300
4-Nitrophenol	ND	1300
4,6-Dinitro-2-methylphenol	ND	1300
Pentachlorophenol	ND	1300

Client ID: **032508-1720**
Site: BP Hastings

Lab Sample No: **908691**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34061.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 22

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	43
1,3-Dichlorobenzene	ND	430
1,4-Dichlorobenzene	ND	430
1,2-Dichlorobenzene	ND	430
bis(2-chloroisopropyl)ether	ND	430
N-Nitroso-di-n-propylamine	ND	43
Hexachloroethane	ND	43
Nitrobenzene	ND	43
Isophorone	ND	430
bis(2-Chloroethoxy)methane	ND	430
1,2,4-Trichlorobenzene	ND	43
Naphthalene	33 J	430
4-Chloroaniline	ND	430
Hexachlorobutadiene	ND	86
2-Methylnaphthalene	ND	430
Hexachlorocyclopentadiene	ND	430
2-Chloronaphthalene	ND	430
2-Nitroaniline	ND	860
Dimethylphthalate	ND	430
Acenaphthylene	ND	430
2,6-Dinitrotoluene	ND	86
3-Nitroaniline	ND	860
Acenaphthene	ND	430
Dibenzofuran	12 J	430
2,4-Dinitrotoluene	ND	86
Diethylphthalate	ND	430
4-Chlorophenyl-phenylether	ND	430
Fluorene	14 J	430
4-Nitroaniline	ND	860
N-Nitrosodiphenylamine	ND	430
4-Bromophenyl-phenylether	ND	430
Hexachlorobenzene	ND	43
Phenanthrene	210 J	430
Anthracene	55 J	430

Client ID: **032508-1720**
Site: BP Hastings

Lab Sample No: **908691**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34061.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 22

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	19 J	430
Di-n-butylphthalate	ND	430
Fluoranthene	320 J	430
Pyrene	280 J	430
Butylbenzylphthalate	ND	430
3,3'-Dichlorobenzidine	ND	860
Benzo(a)anthracene	180	43
Chrysene	180 J	430
bis(2-Ethylhexyl)phthalate	ND	430
Di-n-octylphthalate	ND	430
Benzo(b)fluoranthene	120	43
Benzo(k)fluoranthene	150	43
Benzo(a)pyrene	160	43
Indeno(1,2,3-cd)pyrene	92	43
Dibenz(a,h)anthracene	30 J	43
Benzo(g,h,i)perylene	100 J	430

Client ID: **032508-1720**
Site: BP Hastings

Lab Sample No: **908691**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34061.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 22.2

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Heptachloro-1,1'-biphenyl isomer	13.15	430	
2.	Octachloro-1,1'-biphenyl isomer	14.10	360	
3.				
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29.				
30.				

TOTAL ESTIMATED CONCENTRATION	790

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d
Report Date: 10-Apr-2008 20:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d
Lab Smp Id: 908691 Client Smp ID: 032508-1720
Inj Date : 07-APR-2008 19:43
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : 908691;4225891
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/8270C_08.m
Meth Date : 08-Apr-2008 11:13 monica Quant Type: ISTD
Cal Date : 02-APR-2008 22:21 Cal File: m33969.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50

WB
ng

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	22.20000	% Moisture

Cpnd Variable Local Compound Variable

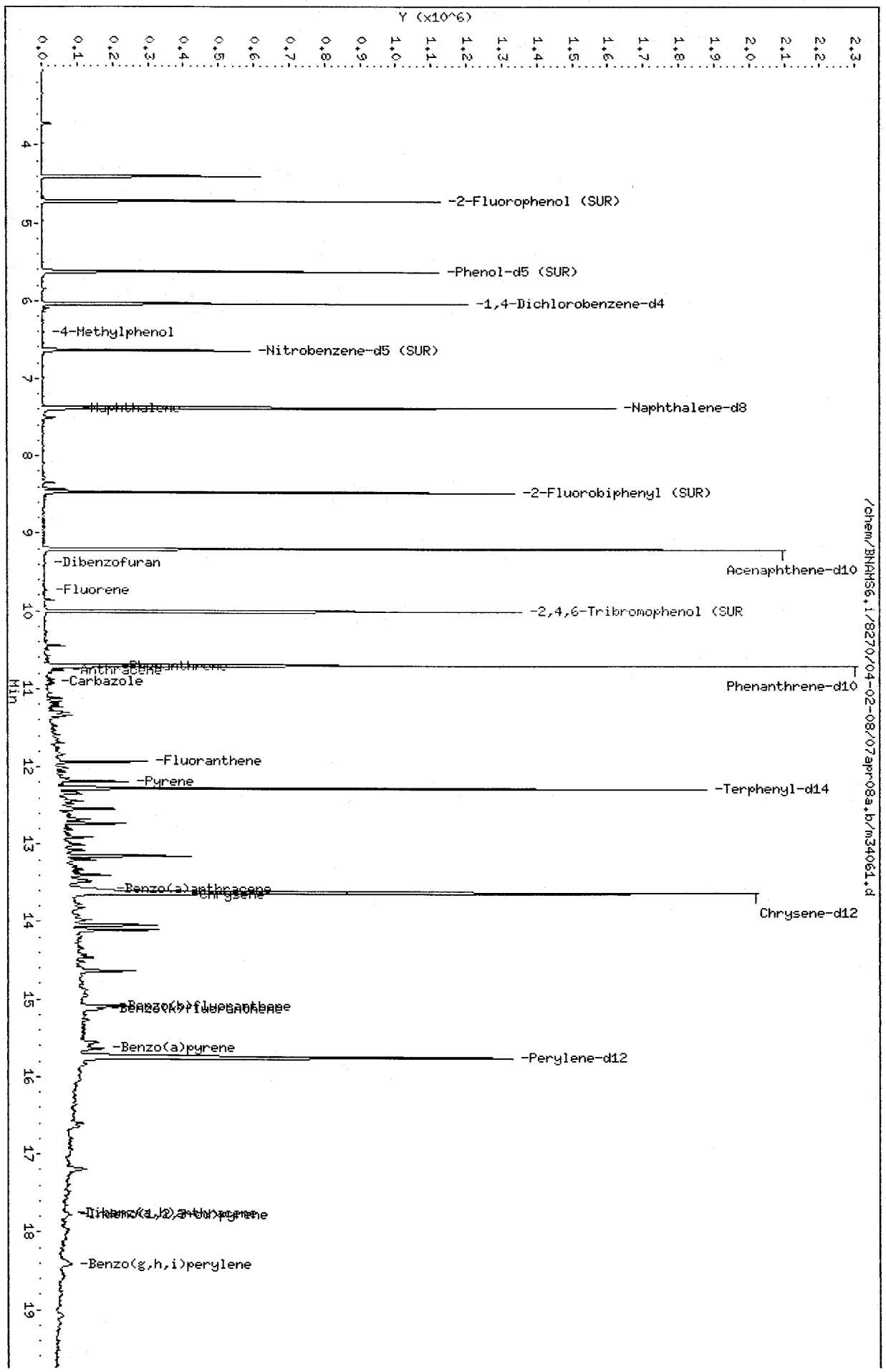
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.725	4.727	(0.782)	381903	59.2334	5100
$ 17 Phenol-d5 (SUR)	99	5.632	5.636	(0.932)	500219	58.4018	5000
* 79 1,4-Dichlorobenzene-d4	152	6.040	6.046	(1.000)	206836	40.0000	
4 4-Methylphenol	108	6.407	6.422	(1.061)	1271	0.18028	15(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.639	6.650	(0.900)	200723	27.9620	2400
* 80 Naphthalene-d8	136	7.379	7.384	(1.000)	835649	40.0000	
31 Naphthalene	128	7.393	7.406	(1.002)	7947	0.38471	33(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.468	8.472	(0.920)	439172	27.8207	2400
* 82 Acenaphthene-d10	164	9.202	9.202	(1.000)	532550	40.0000	
43 Dibenzofuran	168	9.386	9.395	(1.020)	2913	0.13937	12(a)
47 Fluorene	166	9.738	9.748	(1.058)	2599	0.15810	14(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	10.010	10.016	(1.088)	190528	59.3149	5100
* 83 Phenanthrene-d10	188	10.701	10.708	(1.000)	890967	40.0000	
52 Phenanthrene	178	10.724	10.731	(1.002)	65279	2.42393	210(a)

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d
Report Date: 10-Apr-2008 20:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	53 Anthracene	178	10.768	10.776	(1.006)	17442	0.64651	55(a)
	54 Carbazole	167	10.909	10.922	(1.019)	5510	0.22121	19(a)
	56 Fluoranthene	202	11.935	11.948	(1.115)	98886	3.72171	320(a)
	57 Pyrene	202	12.186	12.193	(0.895)	85096	3.24569	280(a)
$	78 Terphenyl-d14	244	12.275	12.282	(0.901)	620342	31.2146	2700
	61 Benzo(a)anthracene	228	13.585	13.594	(0.997)	50052	2.06080	180
*	81 Chrysene-d12	240	13.620	13.629	(1.000)	949032	40.0000	
	62 Chrysene	228	13.648	13.664	(1.002)	45848	2.08437	180(a)
	65 Benzo(b)fluoranthene	252	15.102	15.127	(0.959)	38201	1.41234	120(H)
	66 Benzo(k)fluoranthene	252	15.130	15.164	(0.961)	42541	1.78336	150
	67 Benzo(a)pyrene	252	15.637	15.661	(0.993)	39558	1.81733	160
*	84 Perylene-d12	264	15.748	15.756	(1.000)	768496	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.789	17.840	(1.130)	23143	1.07849	92
	69 Dibenz(a,h)anthracene	278	17.759	17.825	(1.128)	6473	0.35314	30(a)
	70 Benzo(g,h,i)perylene	276	18.419	18.474	(1.170)	20238	1.16686	100(aH)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.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Date : 07-APR-2008 19:43
Client ID: 032508-1720
Sample Info: 908691;4225891
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
Min
/chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-4-Methylphenol
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)
-Dibenzofuran
Acenaphthene-d10
-Fluorene
-2,4,6-Tribromophenol (SUR
-Carbazole
Phenanthrene-d10
-Fluoranthene
-Pyrene
-Terphenyl-d14
Chrysene-d12
-Benzo(a)pyrene
-Perylene-d12
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d

Date : 07-APR-2008 19:43

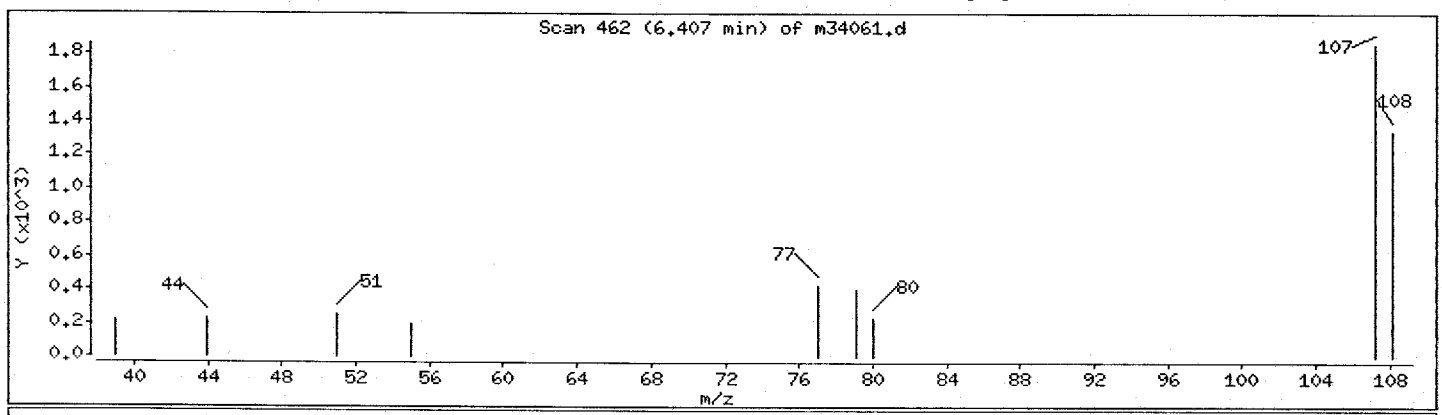
Client ID: 032508-1720 Instrument: BNAMS6.i

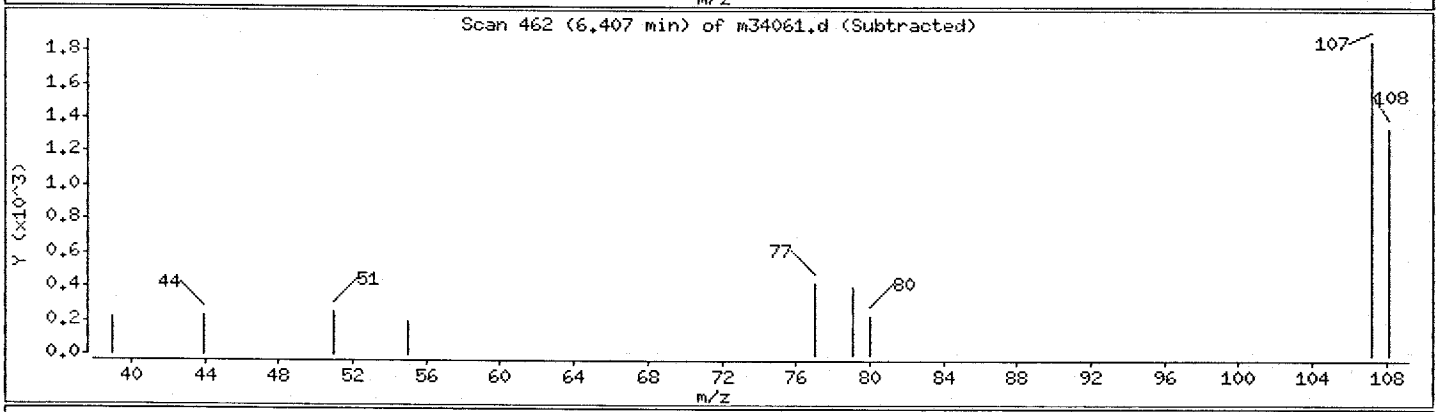
Sample Info: 908691;4225891

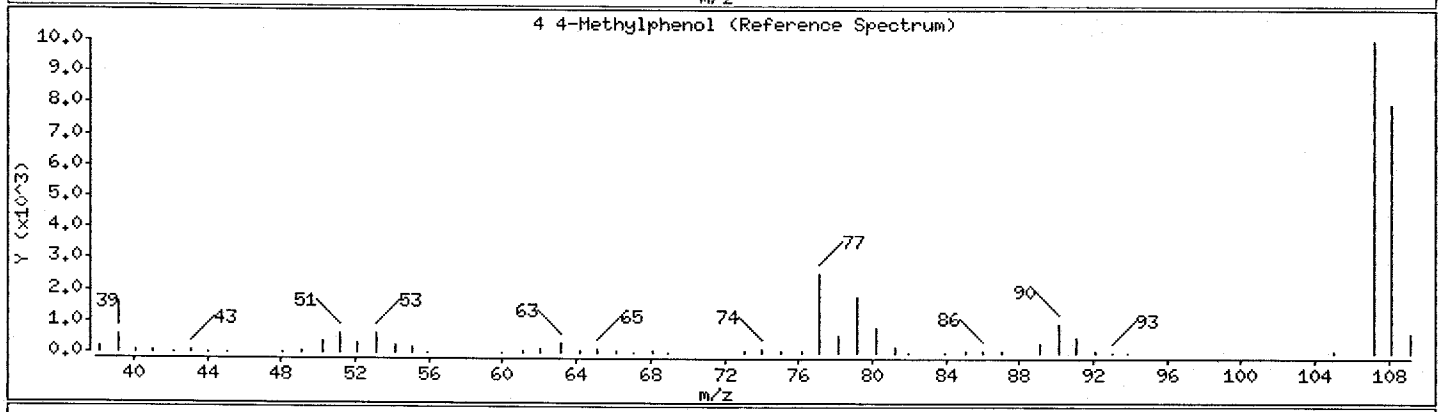
Operator: BNAMS 4

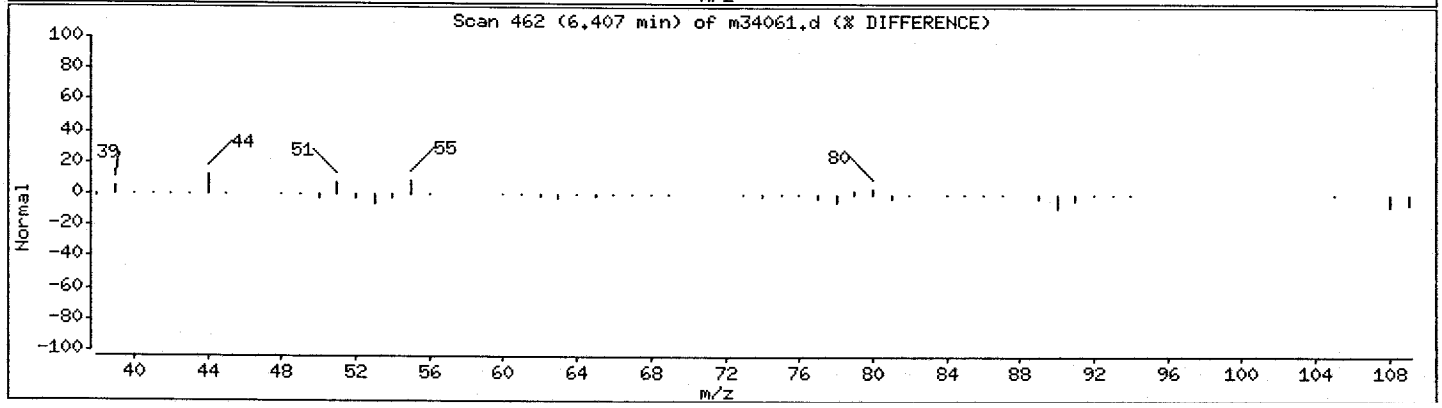
Column phase: DB-5 Column diameter: 0.25

4 4-Methylphenol Concentration: 15 ug/Kg









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Date : 07-APR-2008 19:43

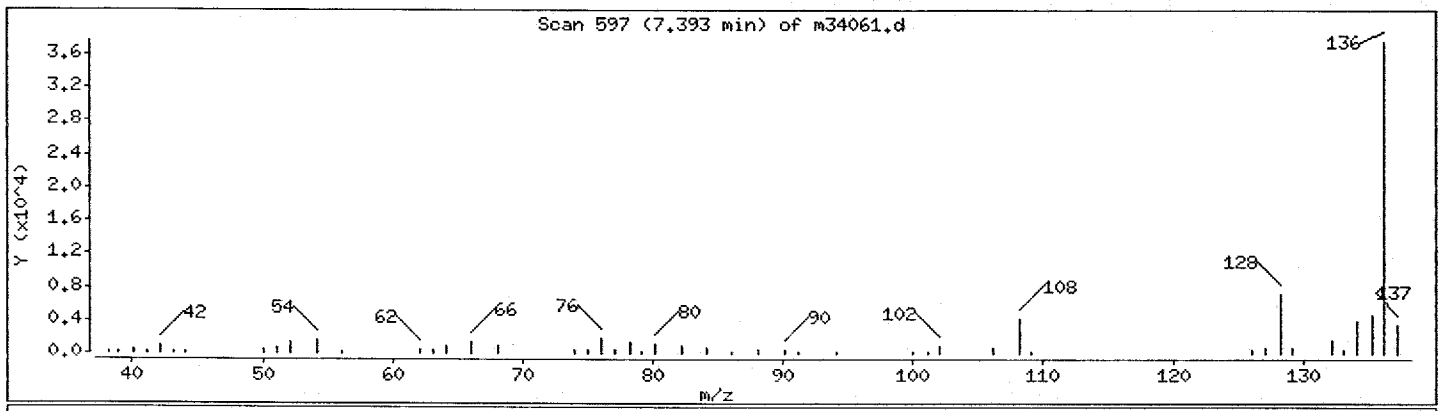
Client ID: 032508-1720 Instrument: BNAMS6.i

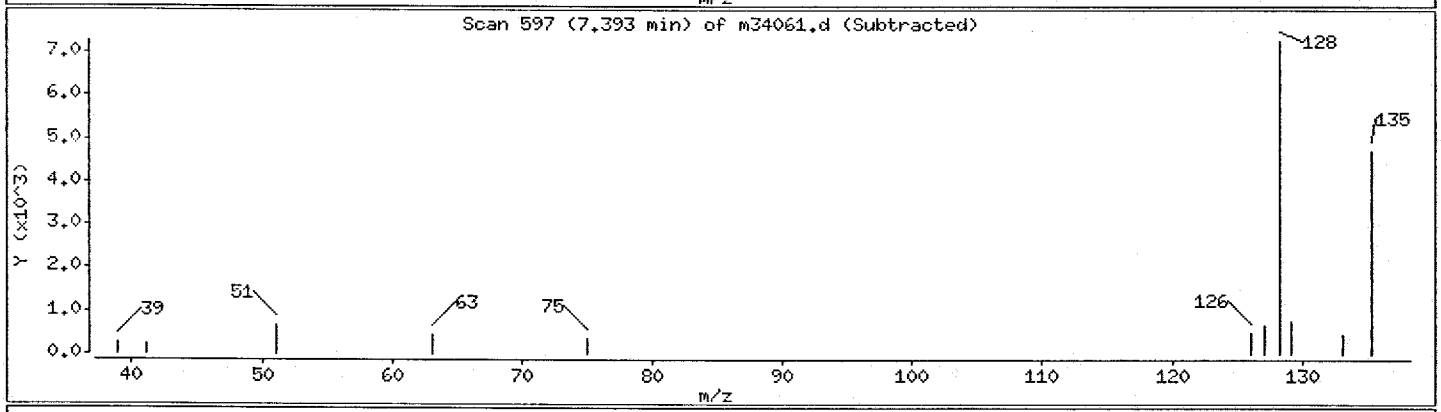
Sample Info: 908691;4225891

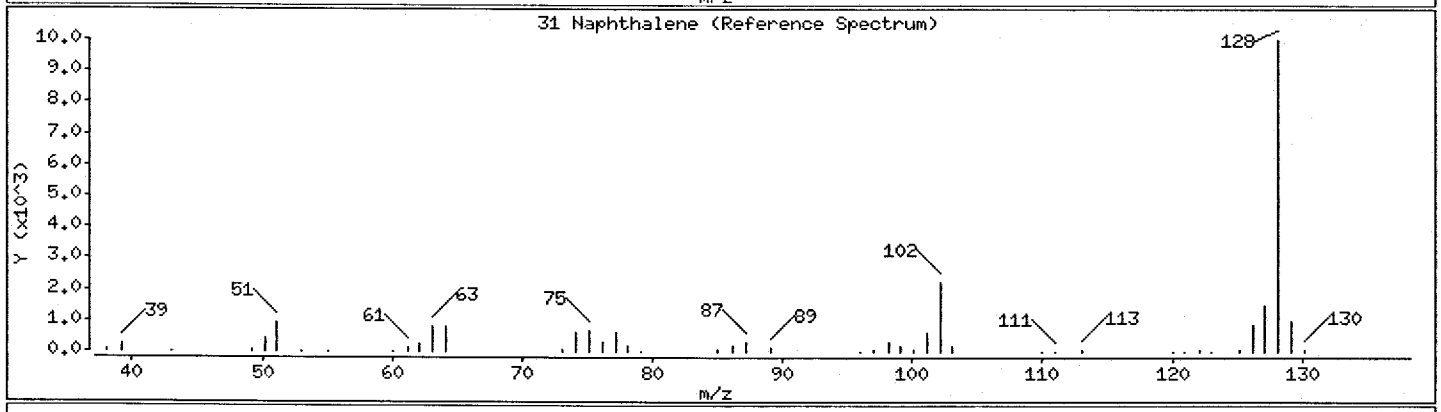
Operator: BNAMS 4

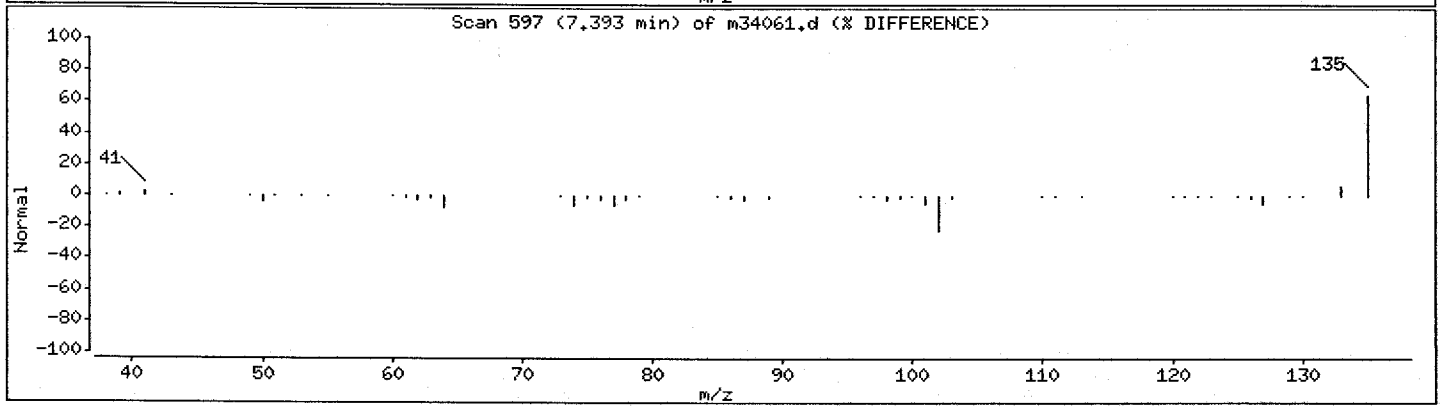
Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 33 ug/Kg









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Date : 07-APR-2008 19:43

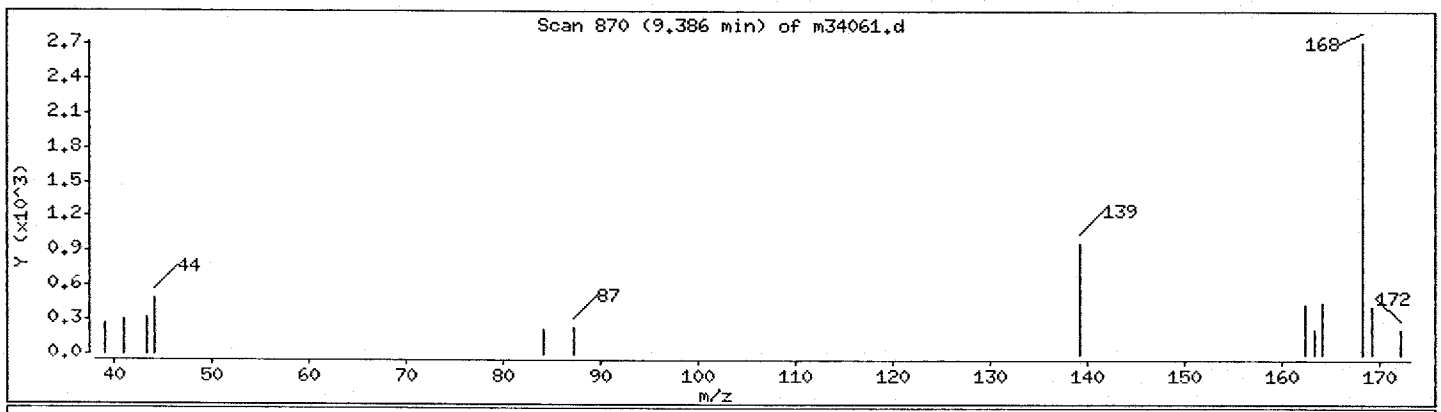
Client ID: 032508-1720 Instrument: BNAMS6.i

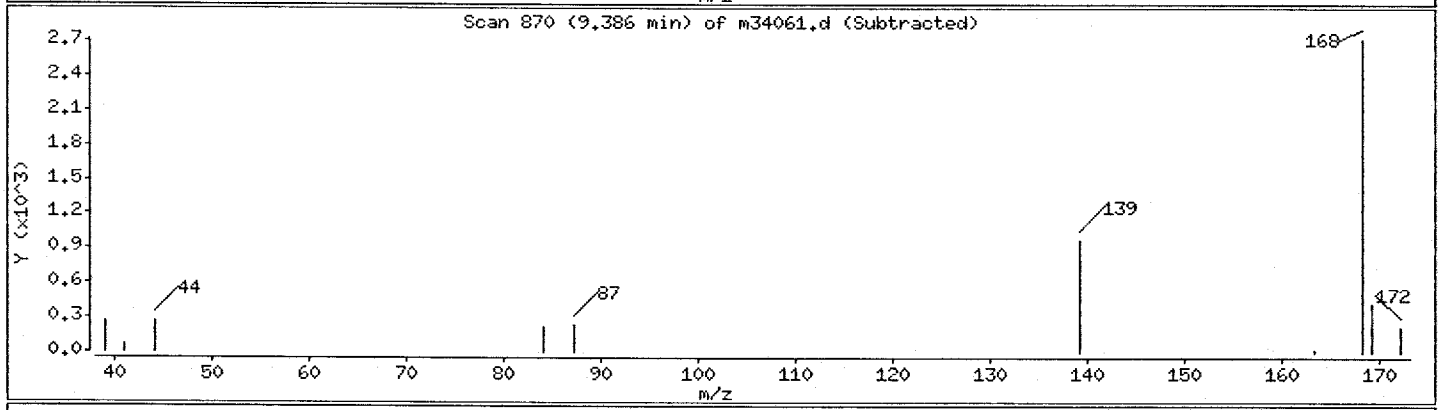
Sample Info: 908691;4225891

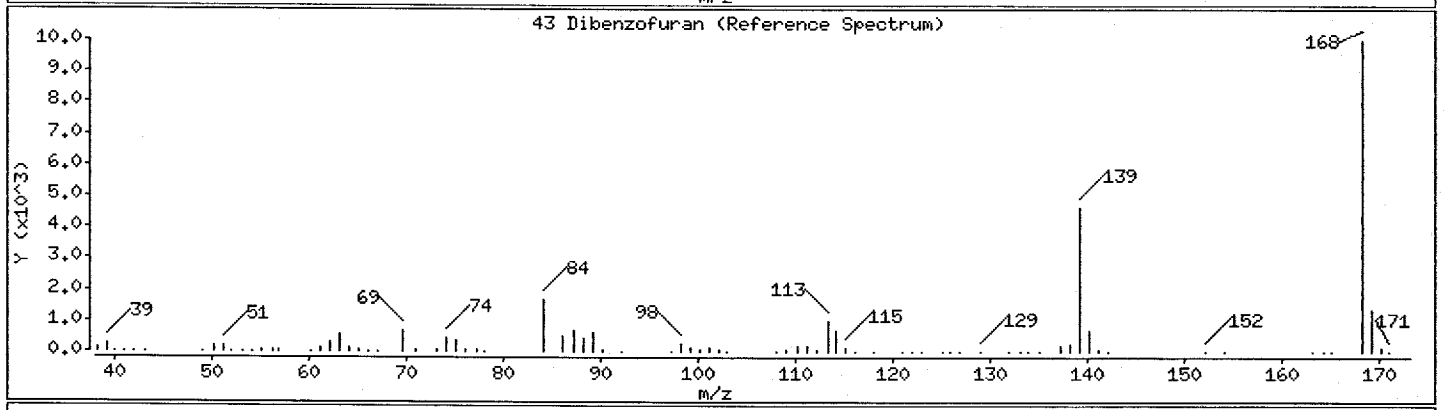
Operator: BNANS 4

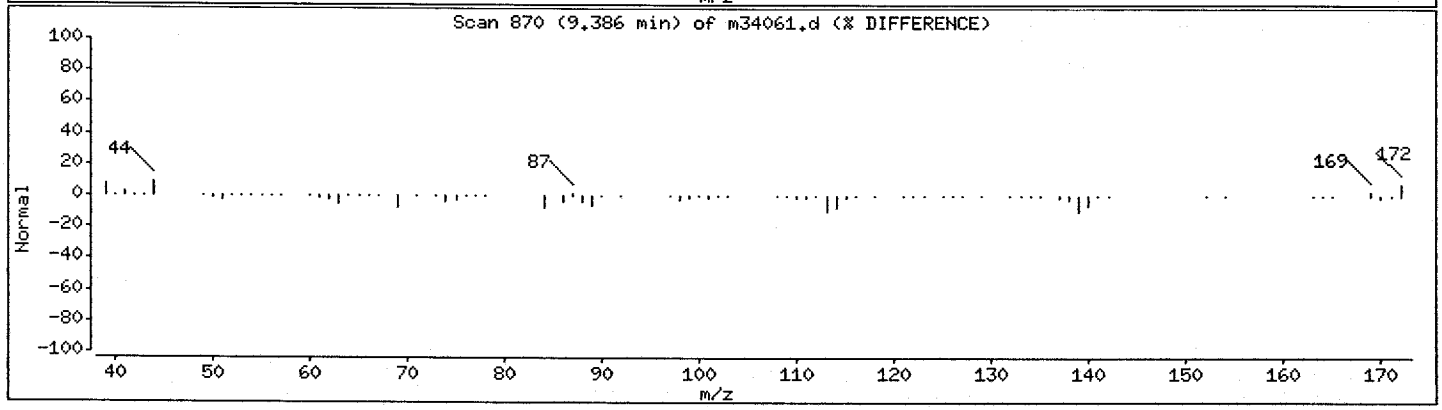
Column phase: DB-5 Column diameter: 0.25

43 Dibenzofuran Concentration: 12 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d

Date : 07-APR-2008 19:43

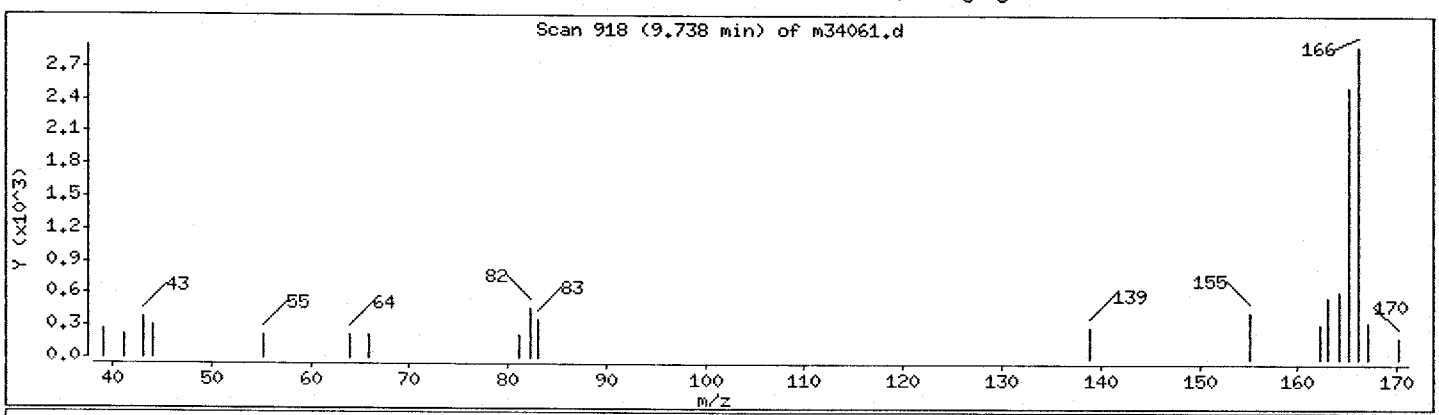
Client ID: 032508-1720 Instrument: BNAMS6.i

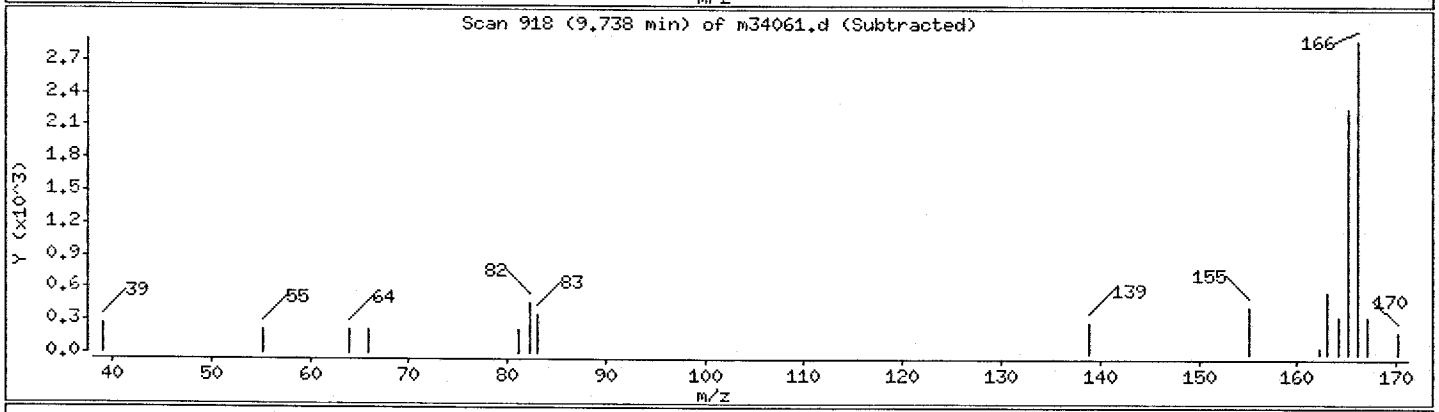
Sample Info: 908691;4225891

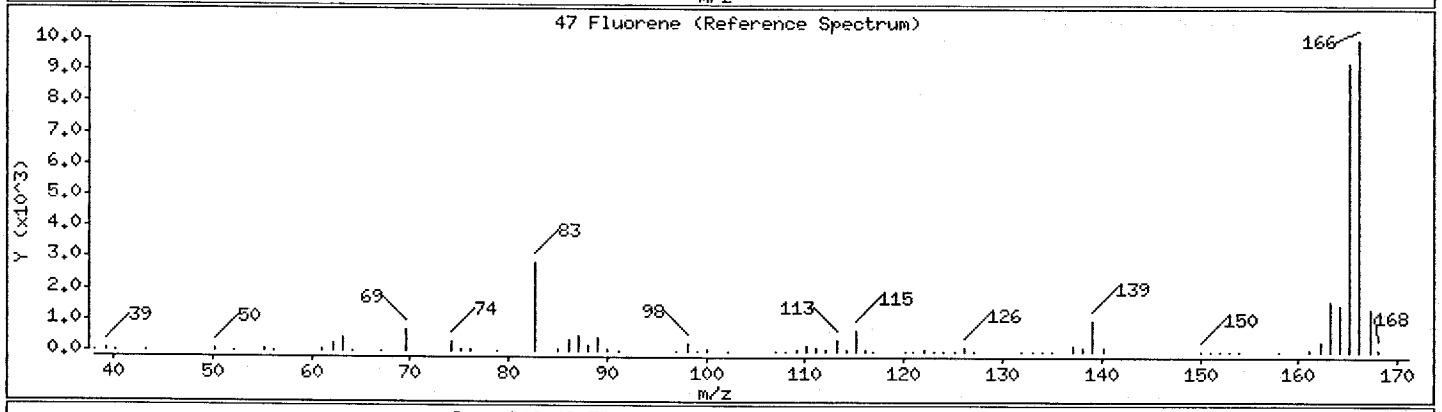
Operator: BNAMS 4

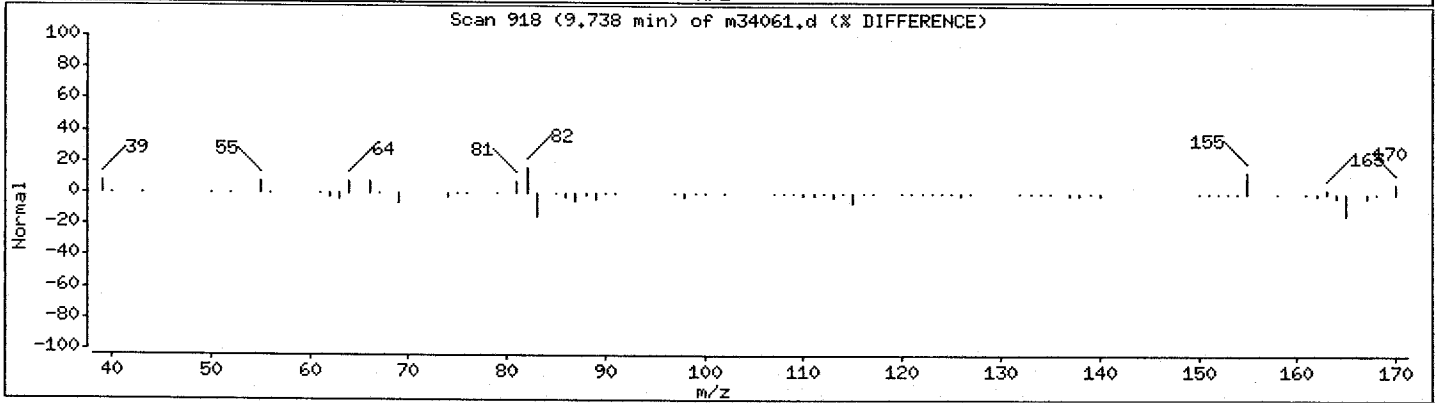
Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 14 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d

Date : 07-APR-2008 19:43

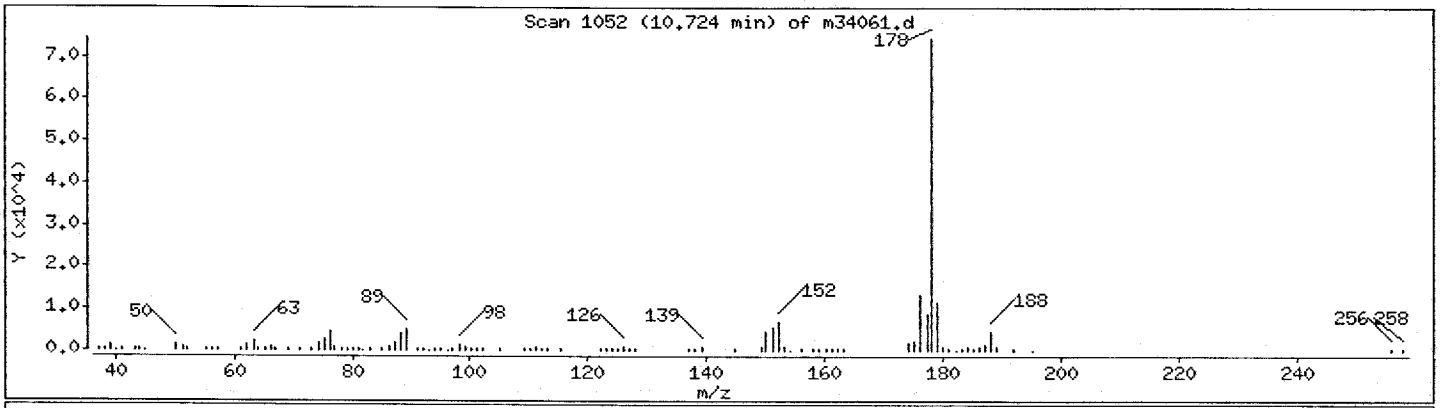
Client ID: 032508-1720 Instrument: BNAMS6.i

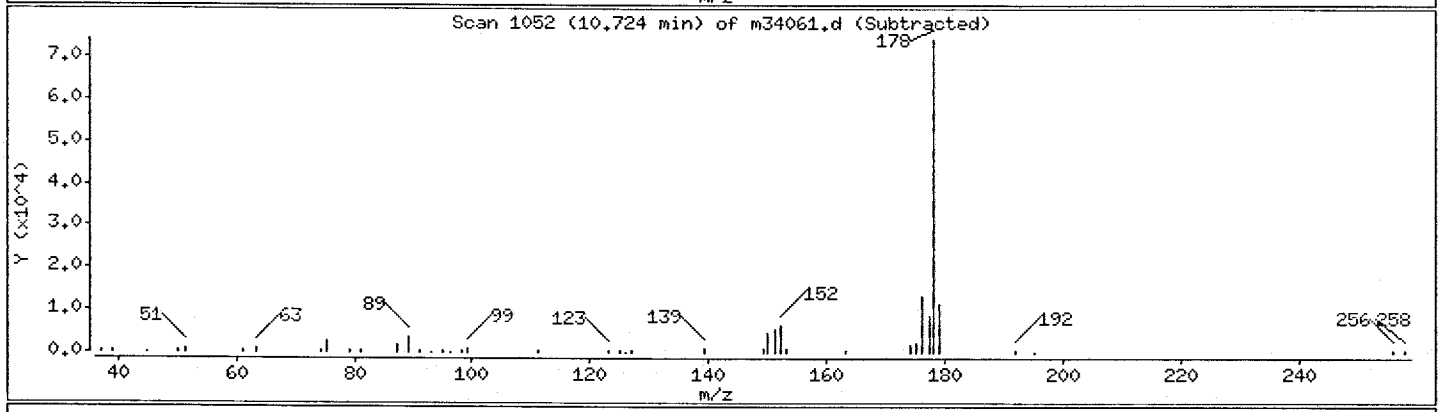
Sample Info: 908691;4225891

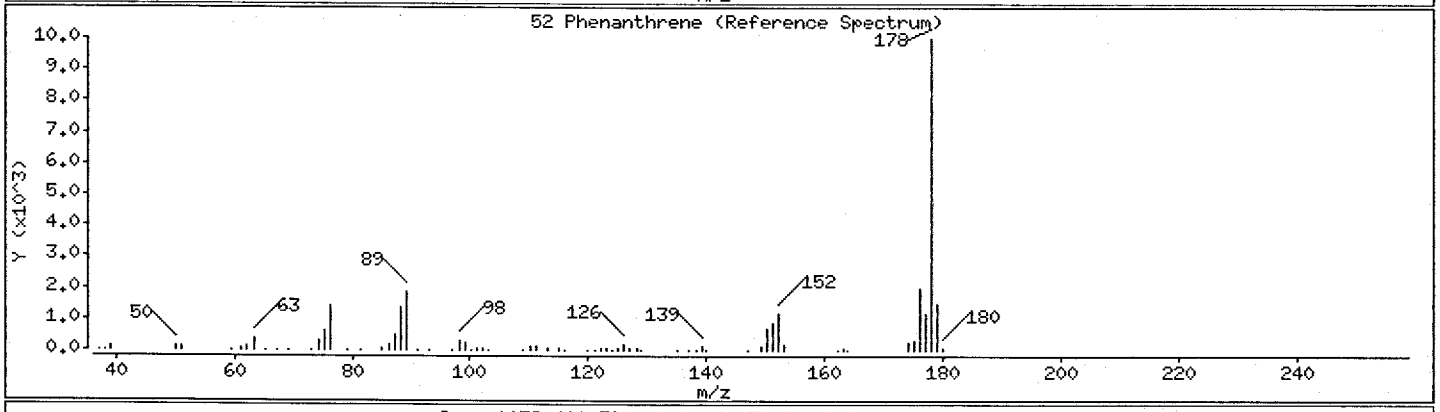
Operator: BNAMS 4

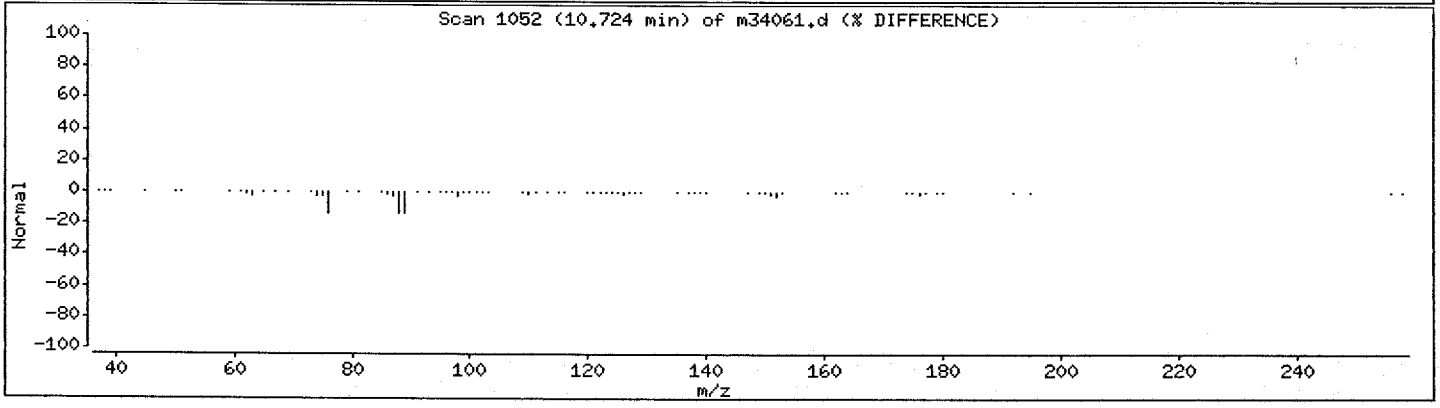
Column phase: DB-5 Column diameter: 0.25

52 Phenanthrene Concentration: 210 ug/Kg









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Date : 07-APR-2008 19:43

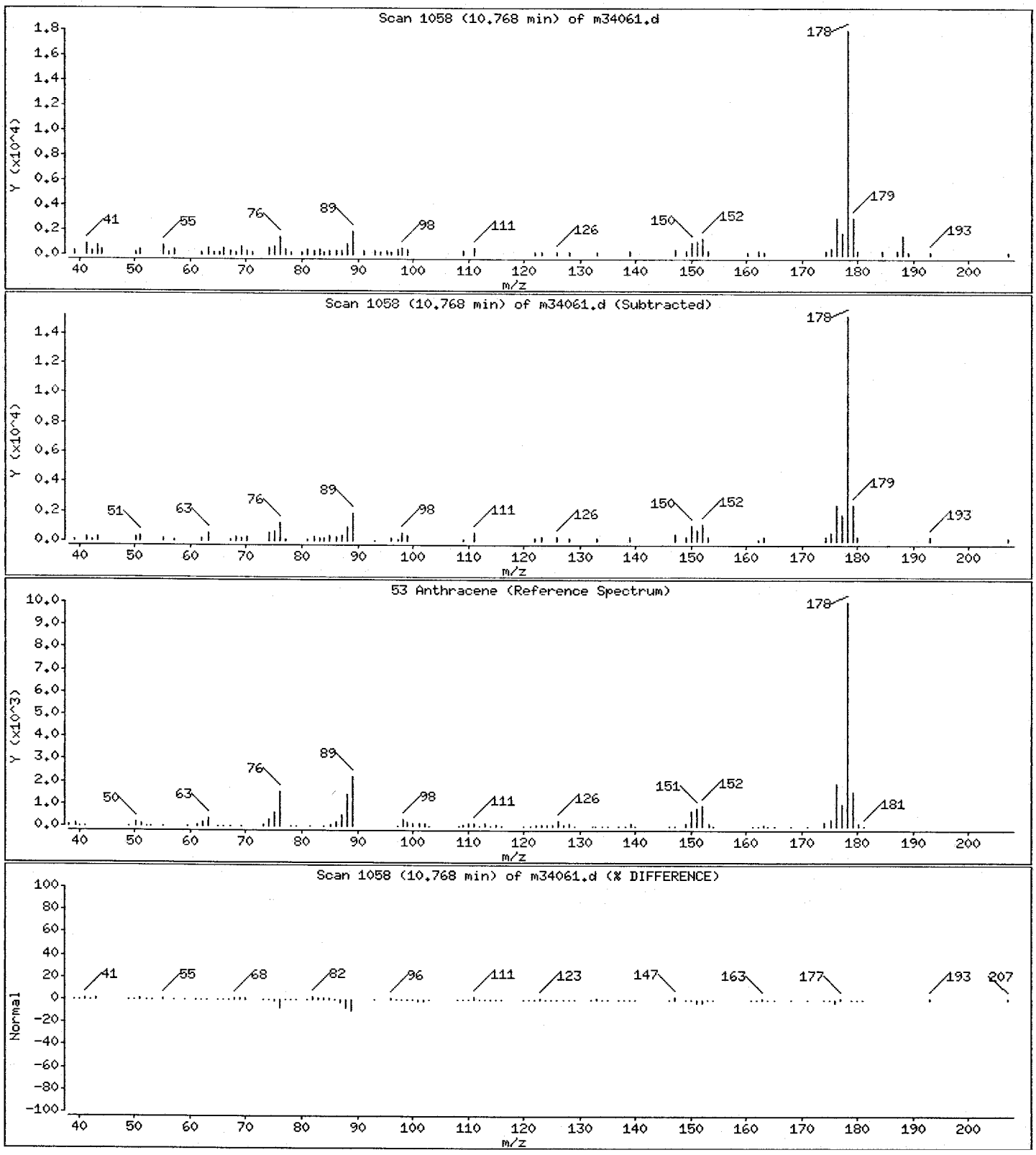
Client ID: 032508-1720 Instrument: BNAMS6.i

Sample Info: 908691;4225891

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

53 Anthracene Concentration: 55 ug/Kg



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Date : 07-APR-2008 19:43

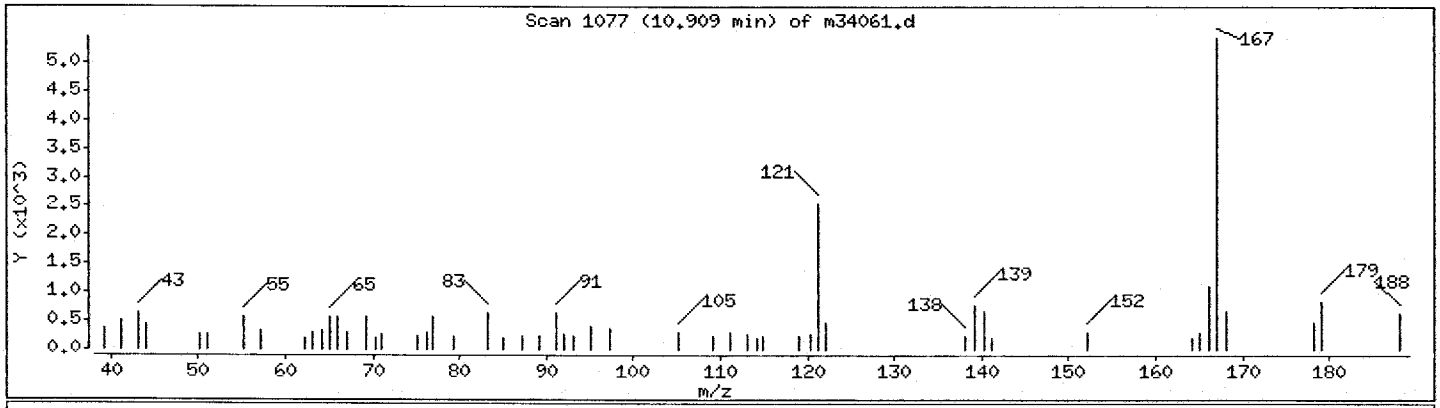
Client ID: 032508-1720 Instrument: BNAMS6.i

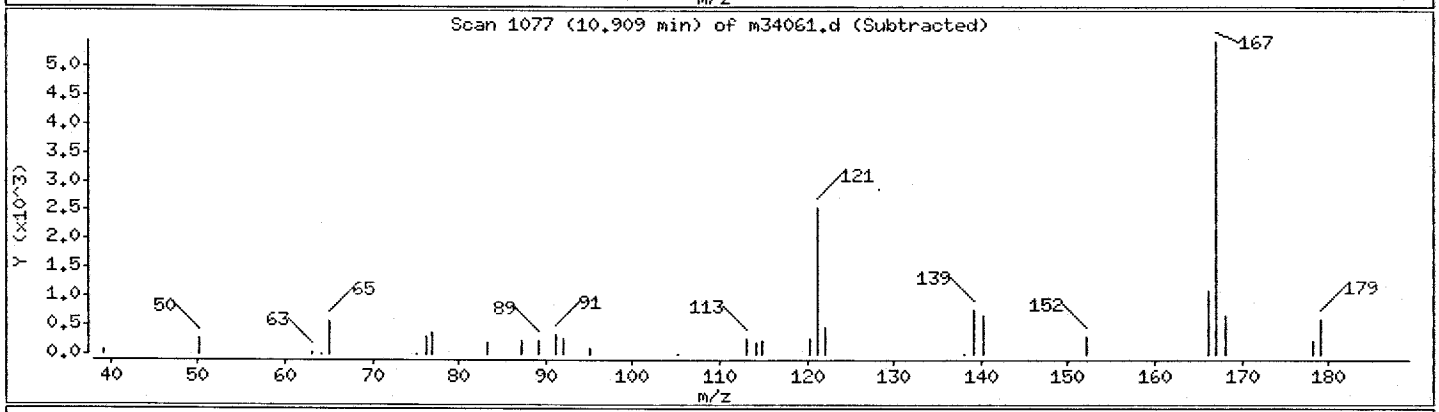
Sample Info: 908691;4225891

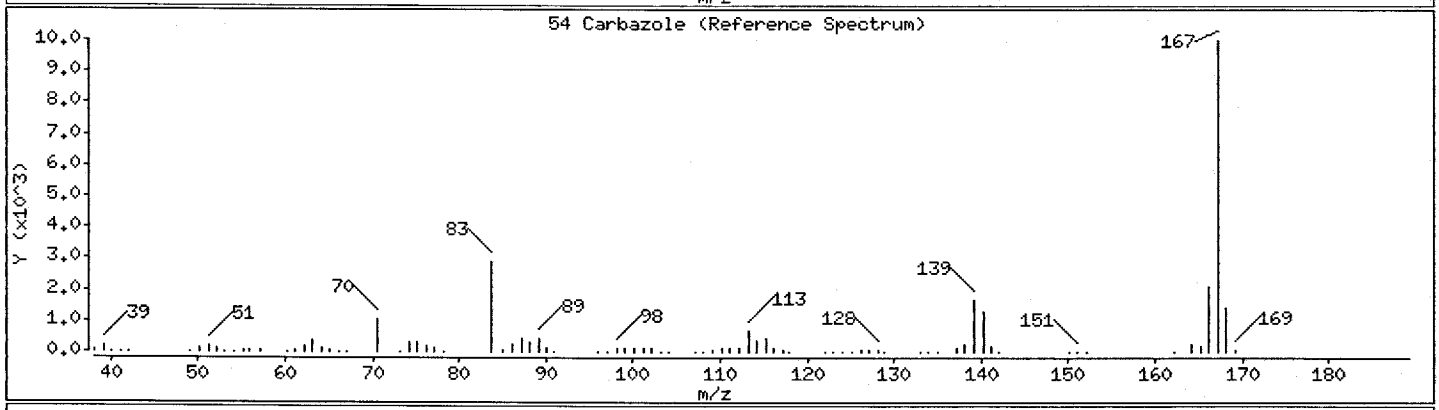
Operator: BNAMS 4

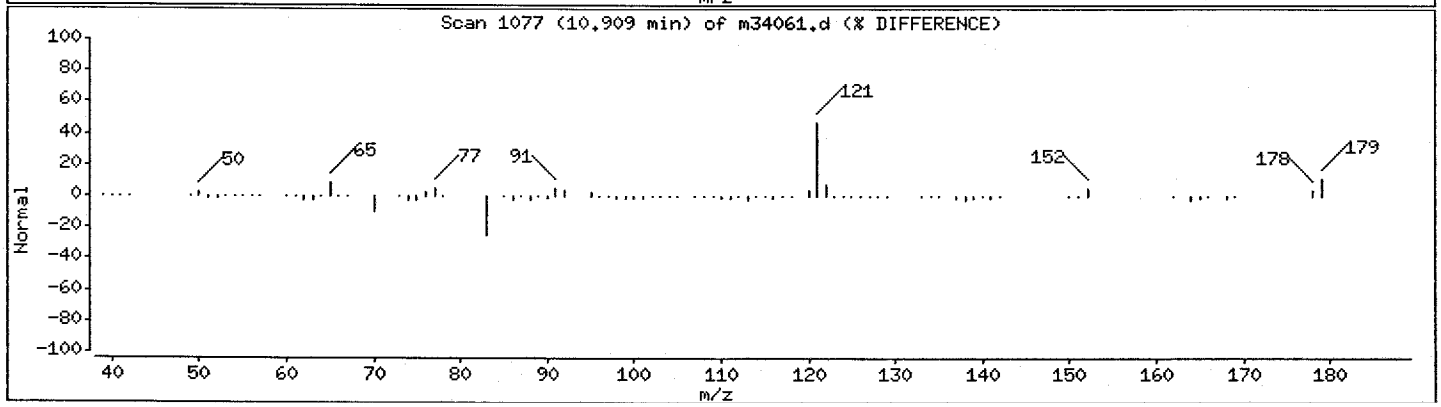
Column phase: DB-5 Column diameter: 0.25

54 Carbazole Concentration: 19 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d

Date : 07-APR-2008 19:43

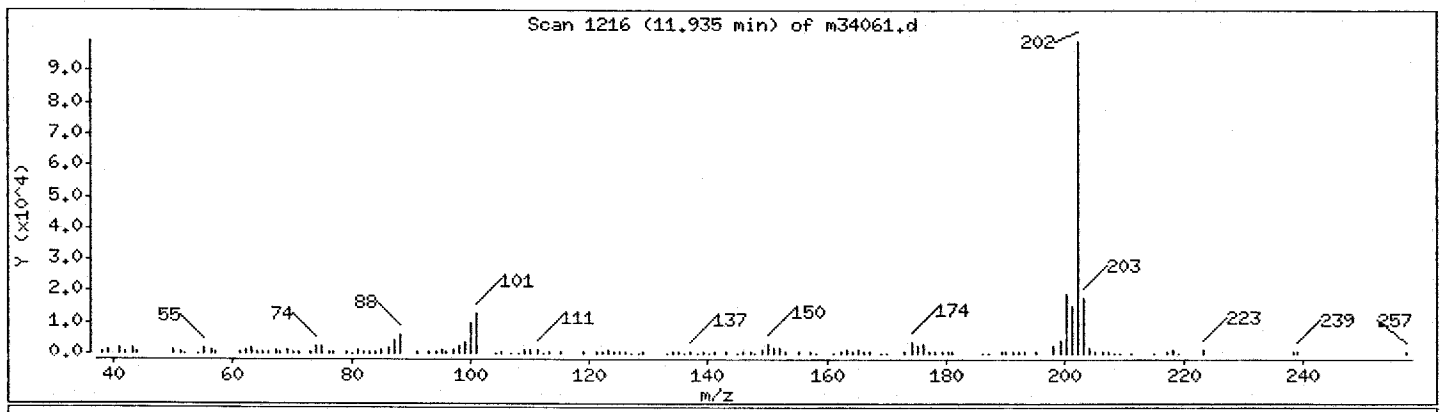
Client ID: 032508-1720 Instrument: BNAMS6.i

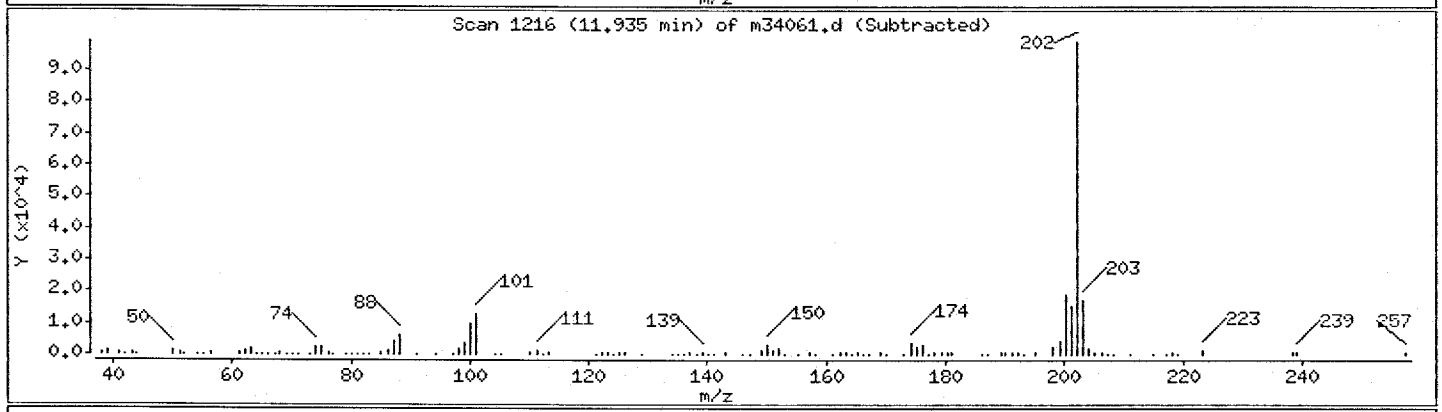
Sample Info: 908691;4225891

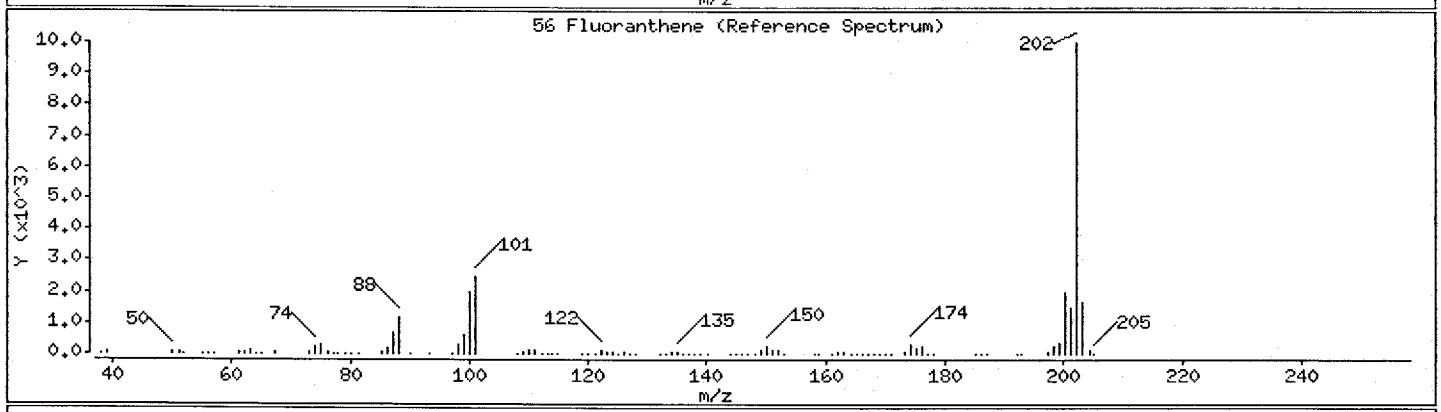
Operator: BNAMS 4

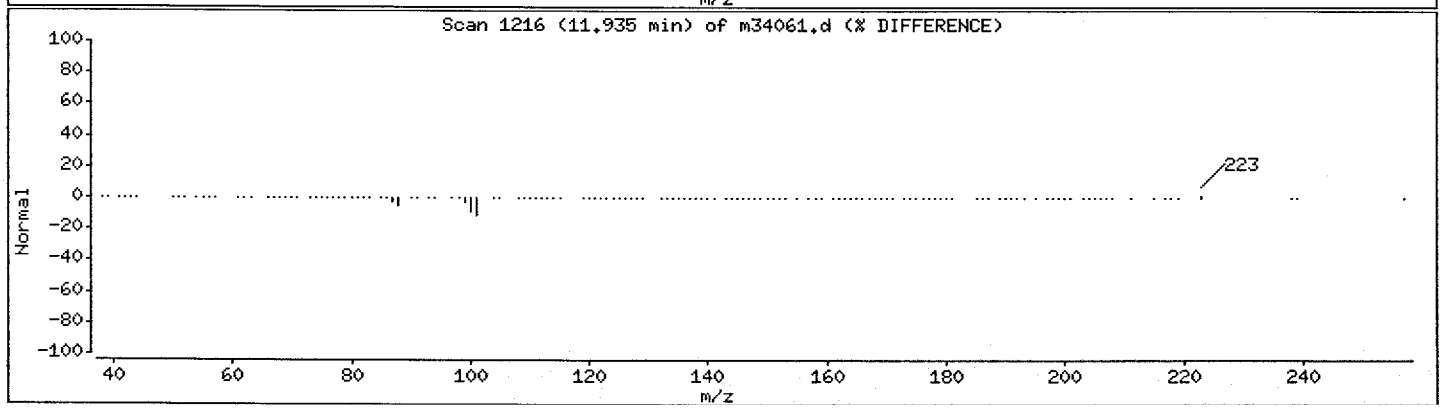
Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 320 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d

Date : 07-APR-2008 19:43

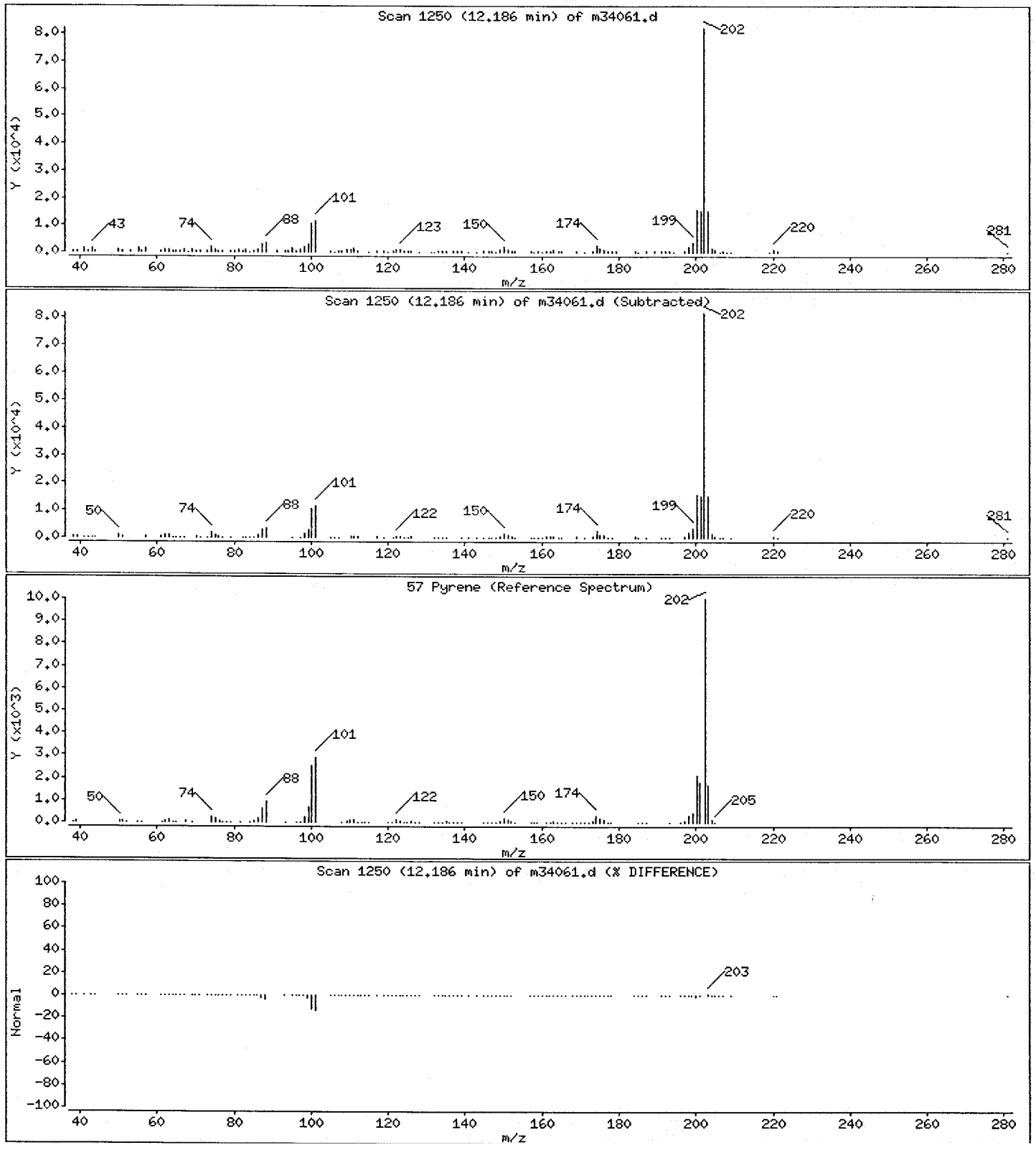
Client ID: 032508-1720 Instrument: BNAMS6.i

Sample Info: 908691;4225891

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 280 ug/Kg



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Date : 07-APR-2008 19:43

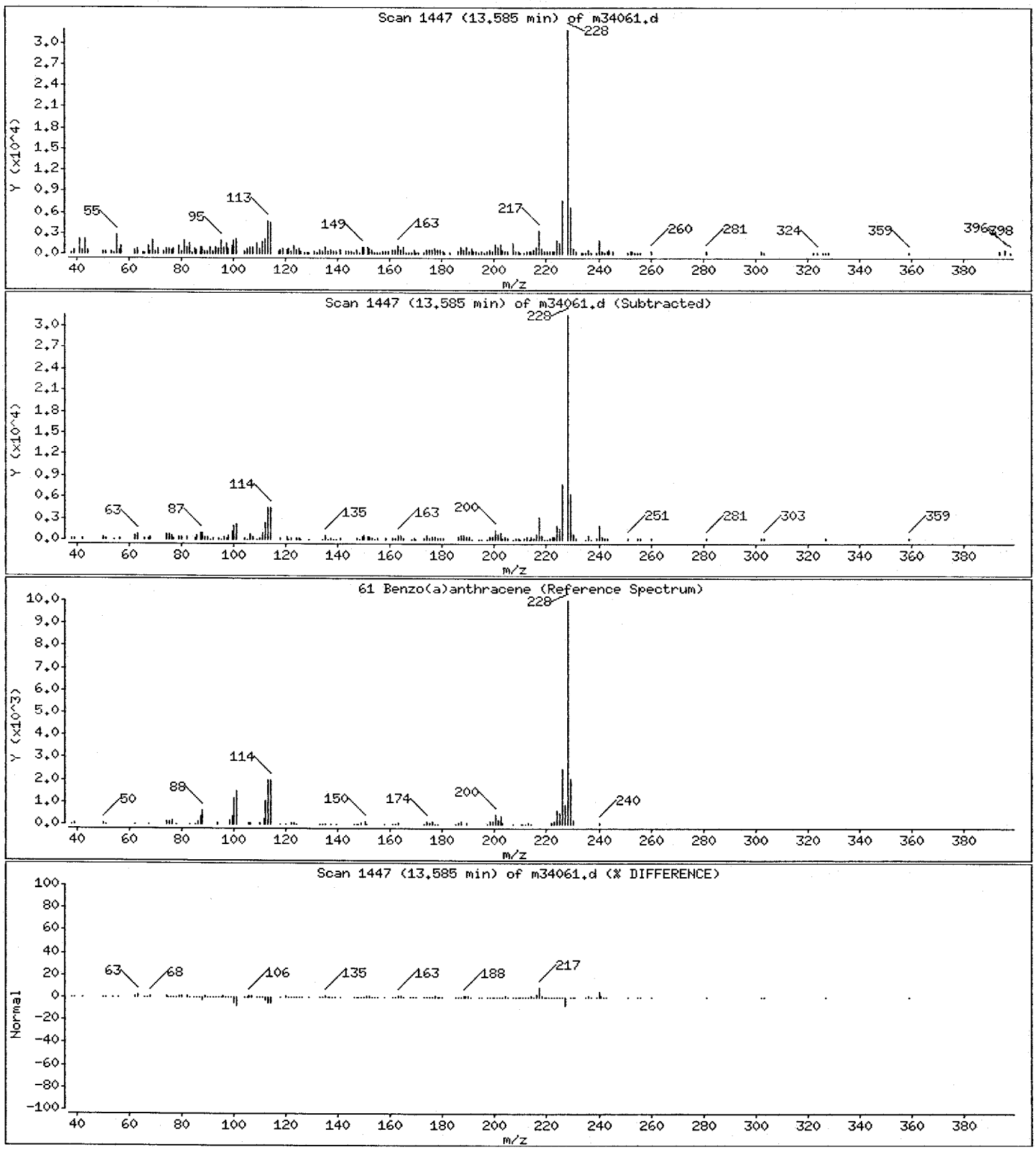
Client ID: 032508-1720 Instrument: BNAMS6.i

Sample Info: 908691;4225891

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

61 Benzo(a)anthracene Concentration: 180 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d

Date : 07-APR-2008 19:43

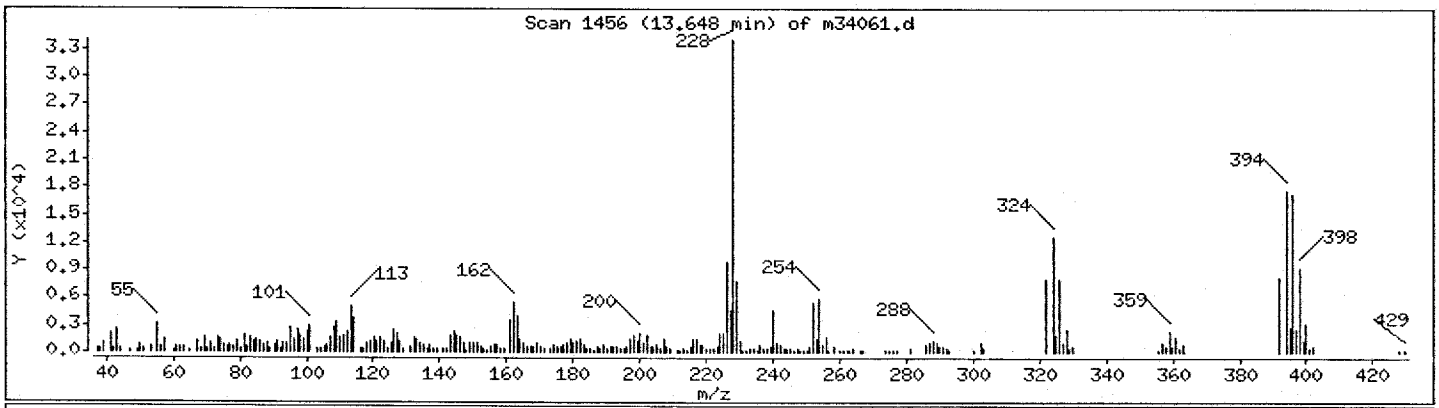
Client ID: 032508-1720 Instrument: BNAMS6.i

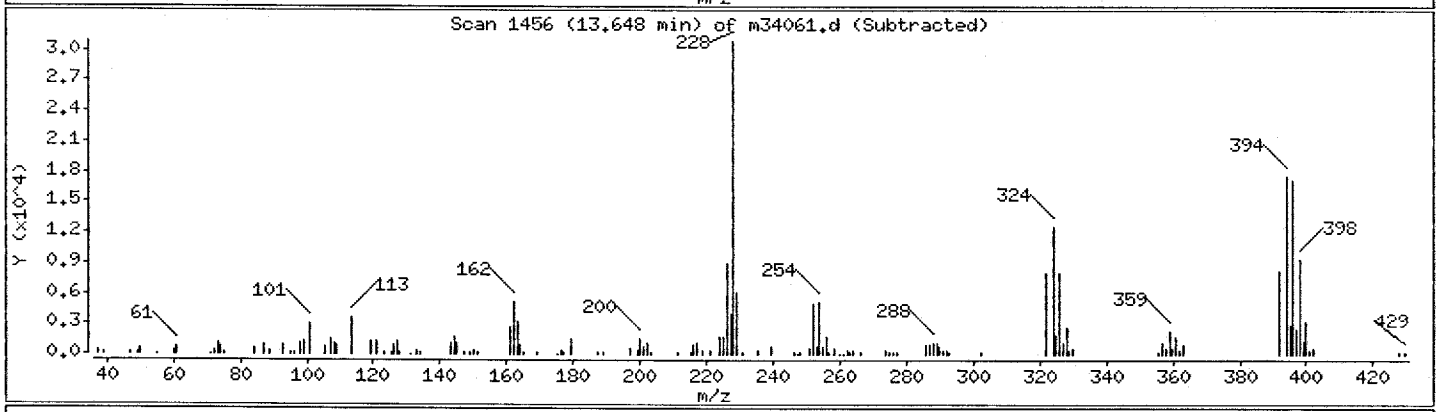
Sample Info: 908691;4225891

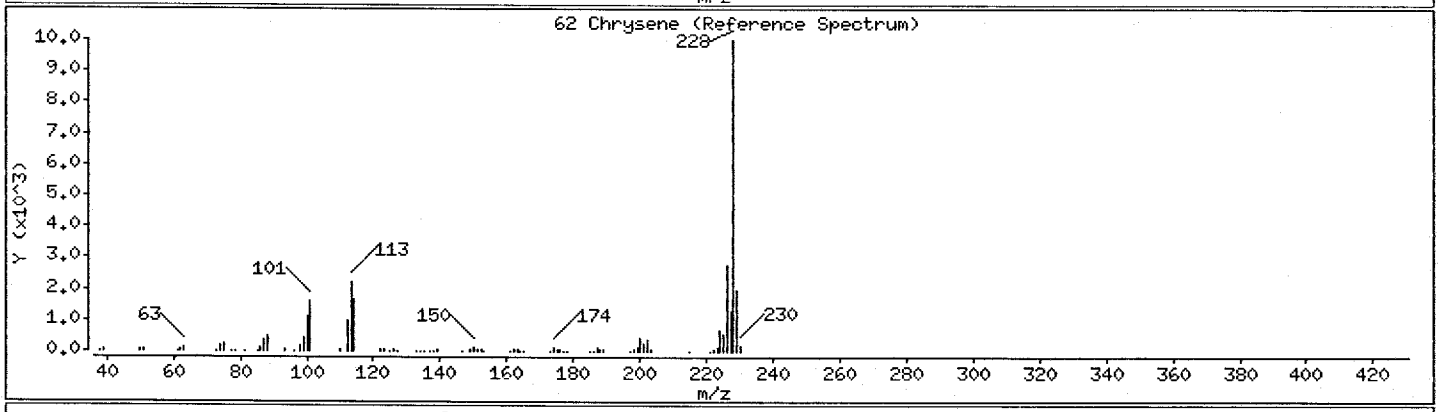
Operator: BNAMS 4

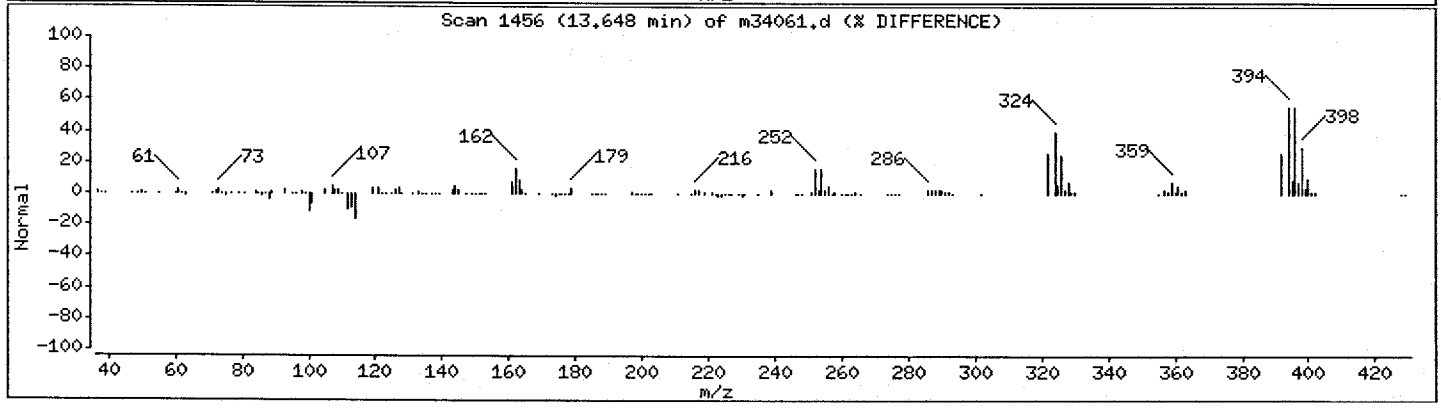
Column phase: DB-5 Column diameter: 0.25

62 Chrysene Concentration: 180 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d

Date : 07-APR-2008 19:43

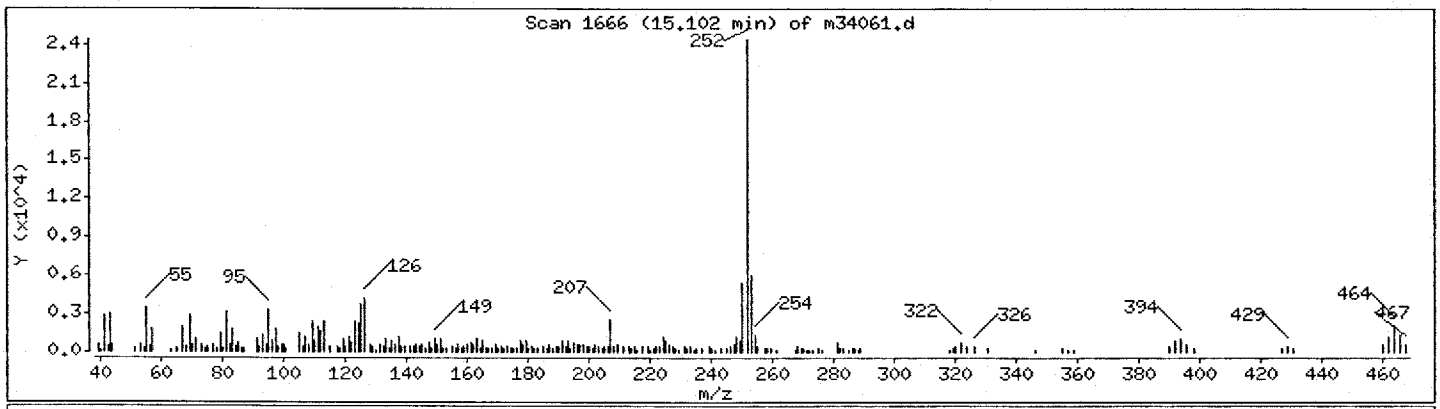
Client ID: 032508-1720 Instrument: BNAMS6.i

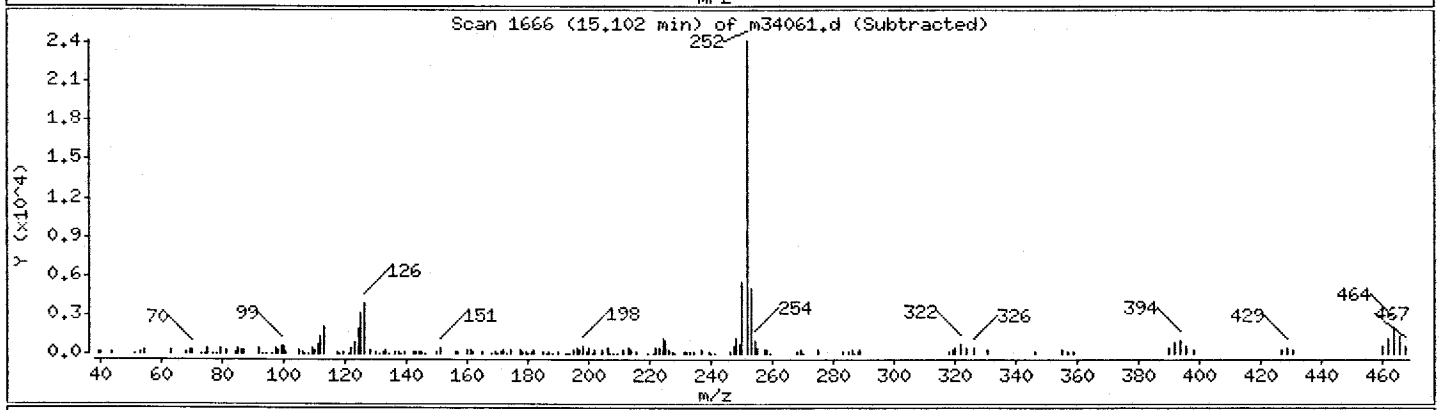
Sample Info: 908691;4225891

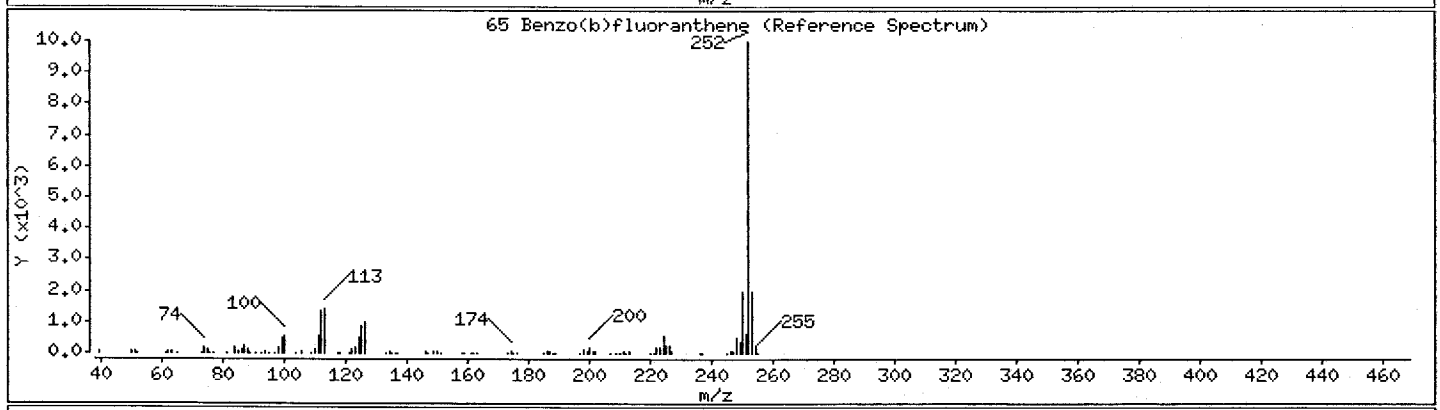
Operator: BNAMS 4

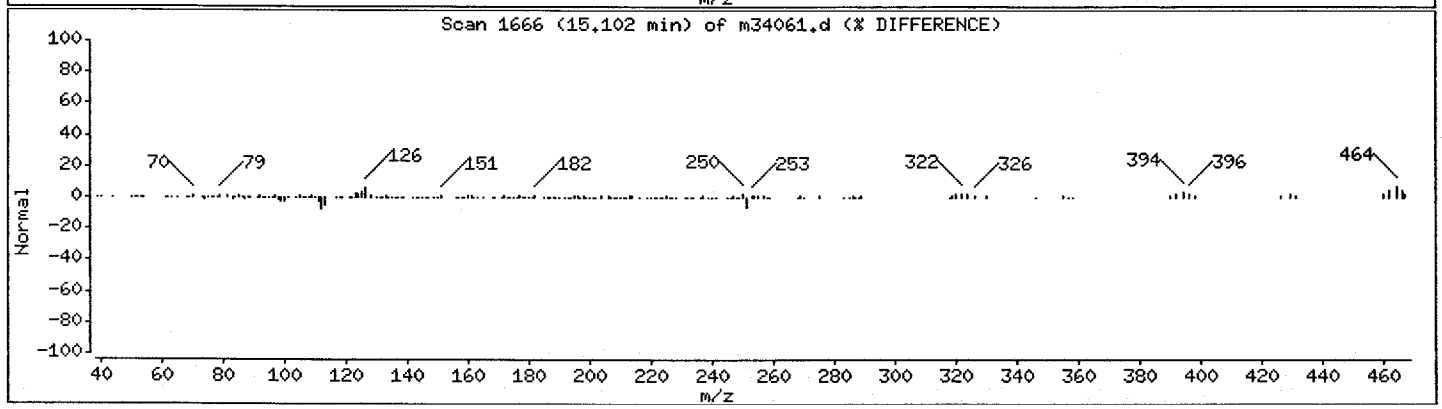
Column phase: DB-5 Column diameter: 0.25

65 Benzo(b)fluoranthene Concentration: 120 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d

Date : 07-APR-2008 19:43

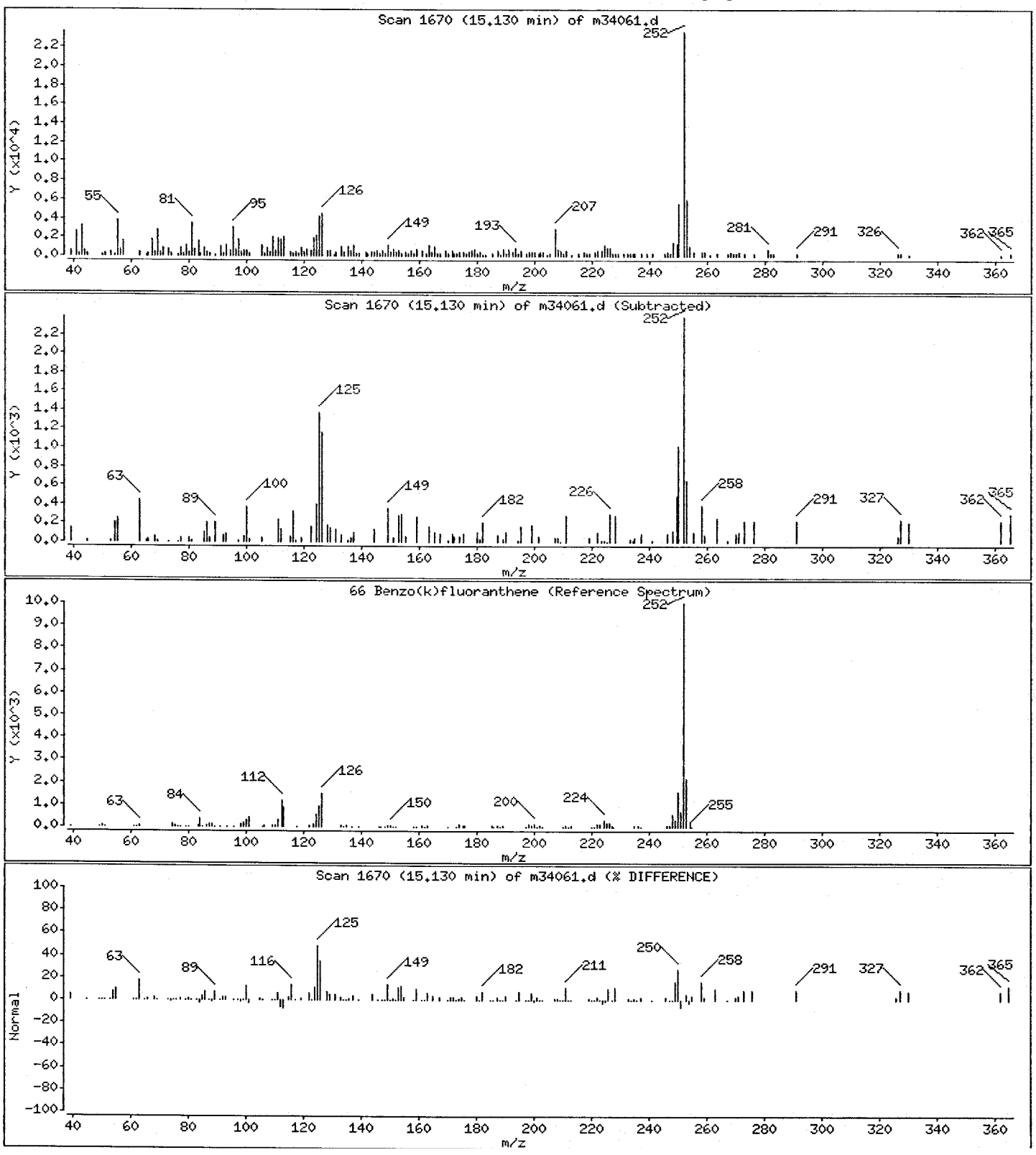
Client ID: 032508-1720 Instrument: BNAMS6.i

Sample Info: 908691;4225891

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

66 Benzo(k)fluoranthene Concentration: 150 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d

Date : 07-APR-2008 19:43

Client ID: 032508-1720

Instrument: BNAMS6.i

Sample Info: 908691;4225891

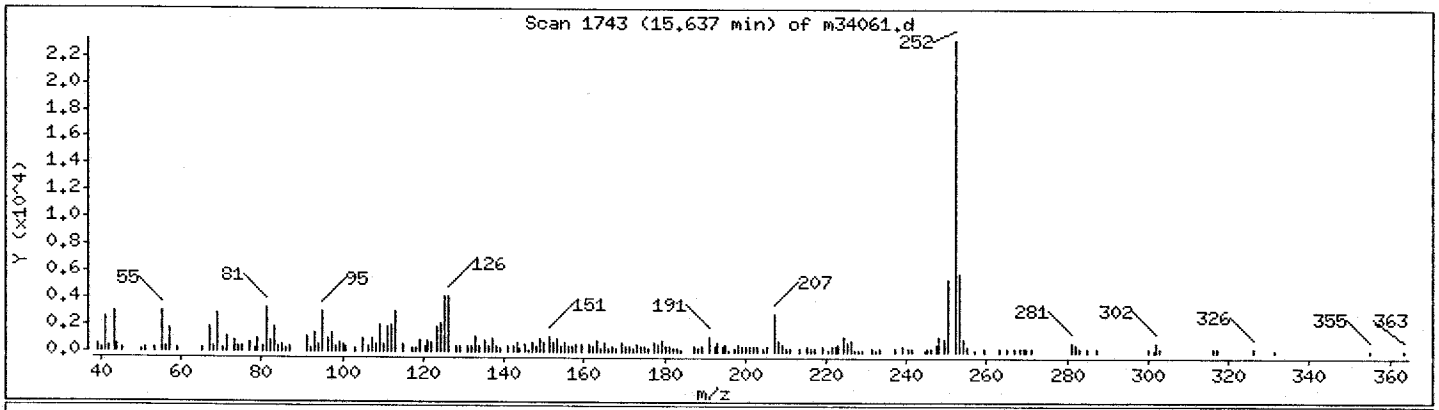
Operator: BNAMS 4

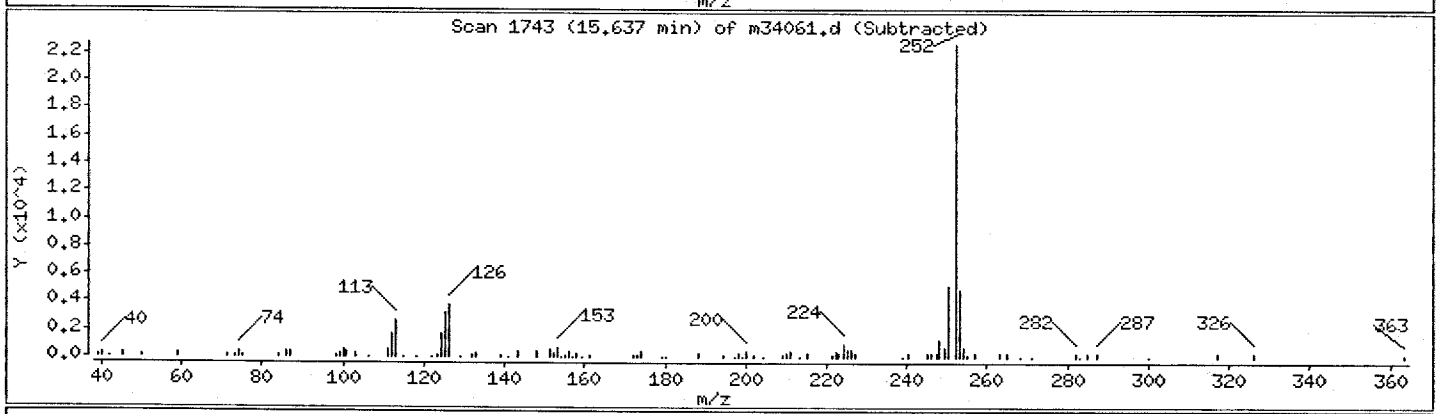
Column phase: DB-5

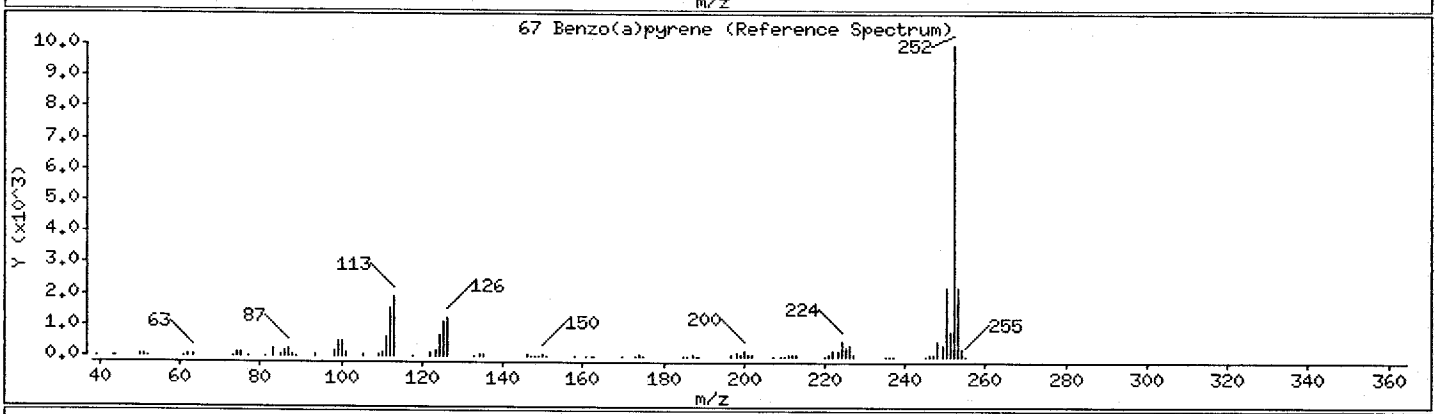
Column diameter: 0.25

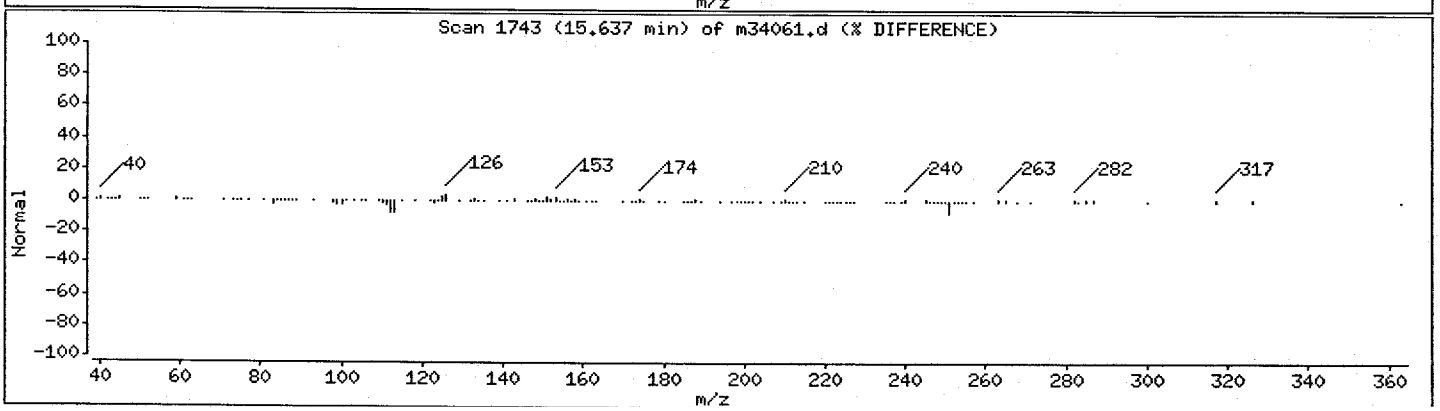
67 Benzo(a)pyrene

Concentration: 160 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d

Date : 07-APR-2008 19:43

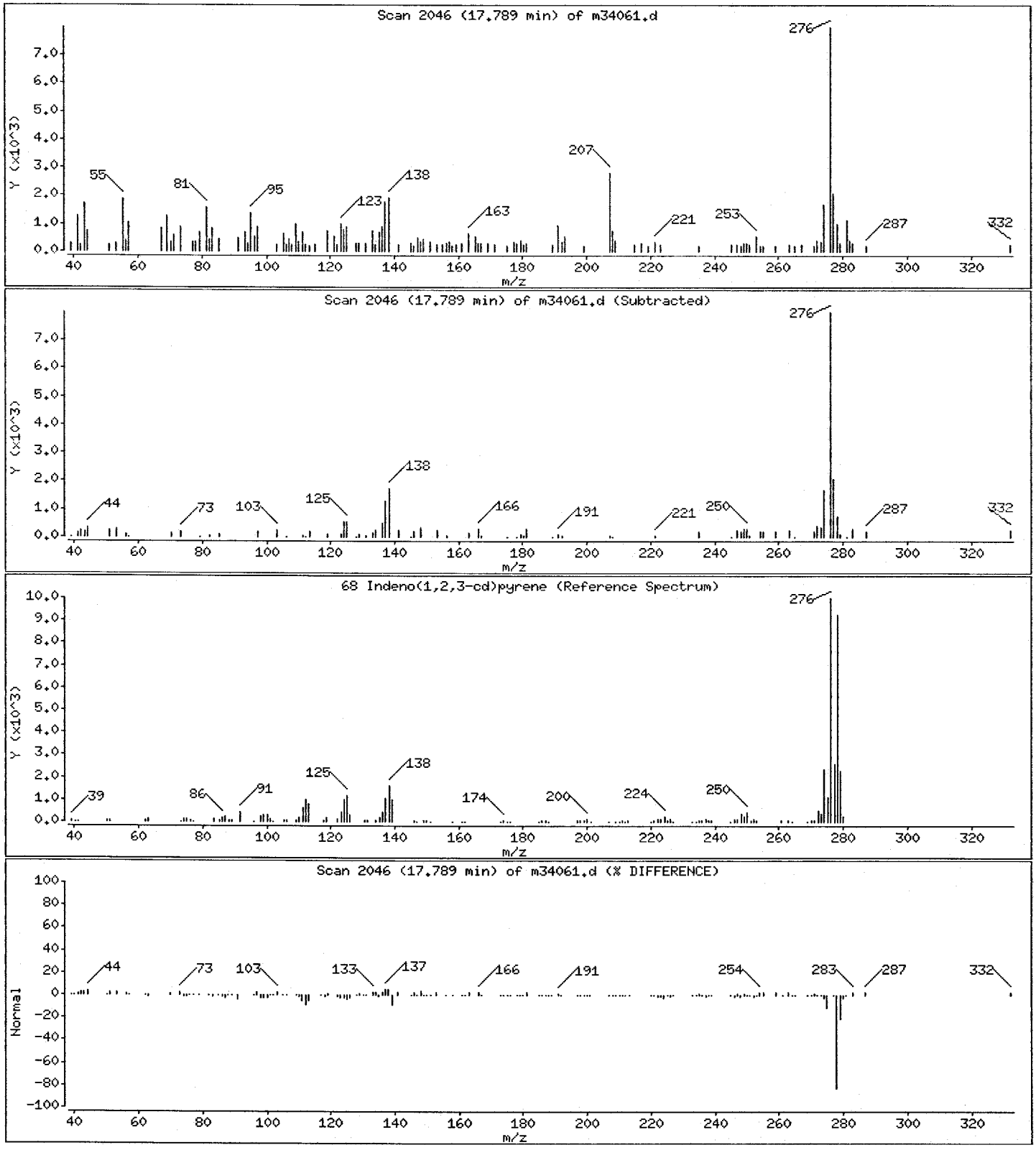
Client ID: 032508-1720 Instrument: BNAMS6.i

Sample Info: 908691;4225891

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

68 Indeno(1,2,3-cd)pyrene Concentration: 92 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d

Date : 07-APR-2008 19:43

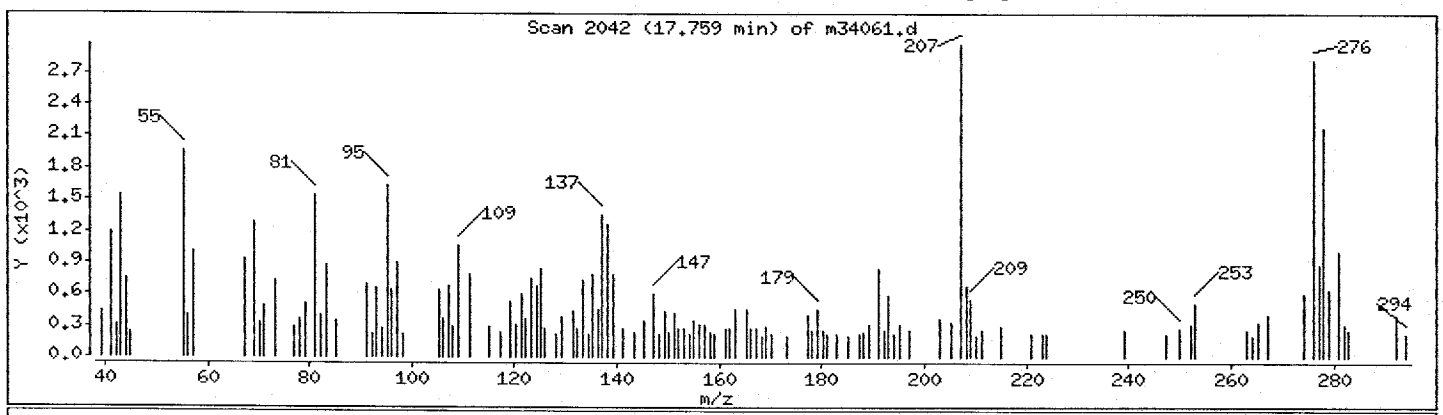
Client ID: 032508-1720 Instrument: BNAMS6.i

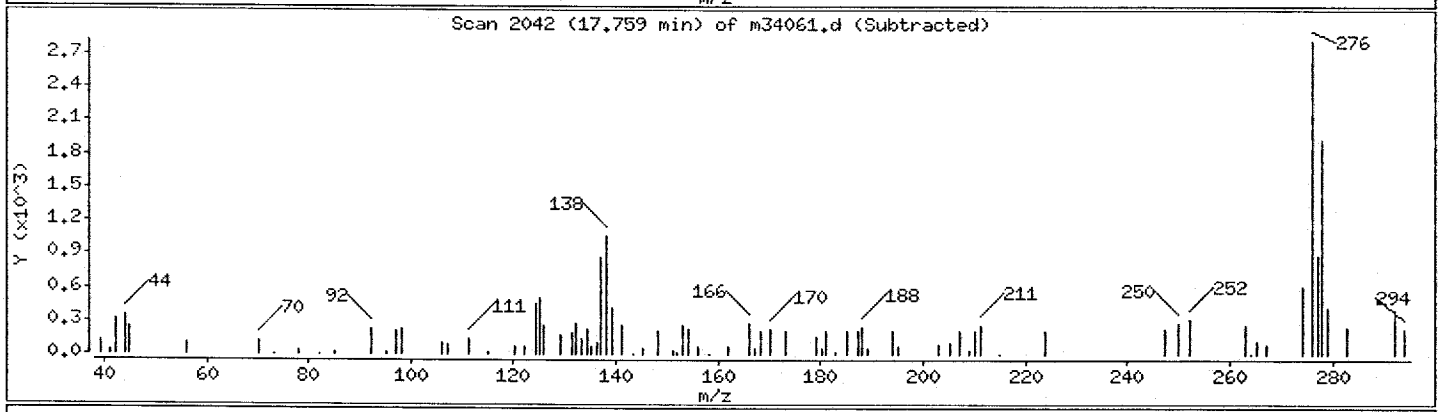
Sample Info: 908691:4225891

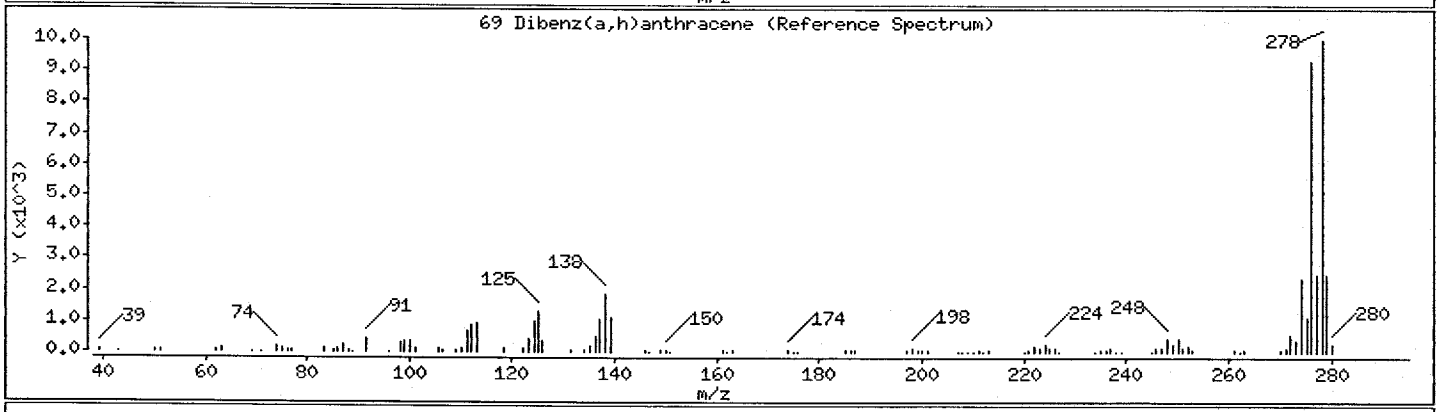
Operator: BNAMS 4

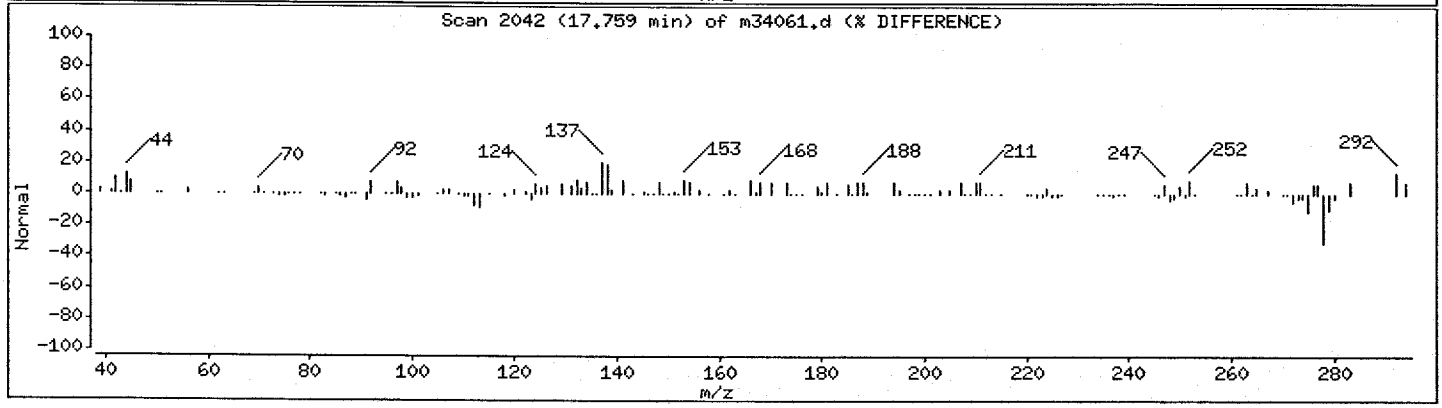
Column phase: DB-5 Column diameter: 0.25

69 Dibenz(a,h)anthracene Concentration: 30 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d

Date : 07-APR-2008 19:43

Client ID: 032508-1720

Instrument: BNAMS6.i

Sample Info: 908691;4225891

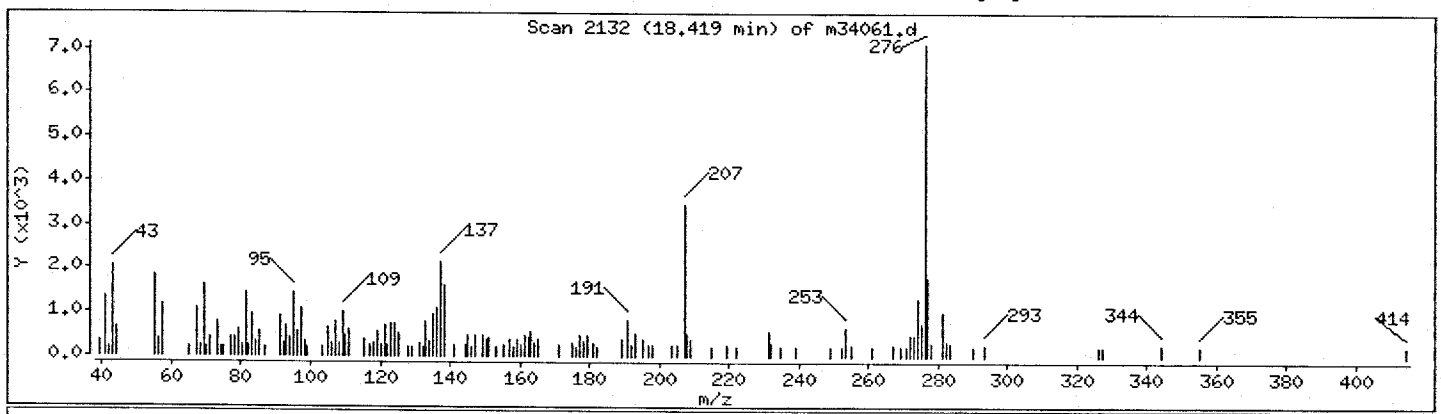
Operator: BNAMS 4

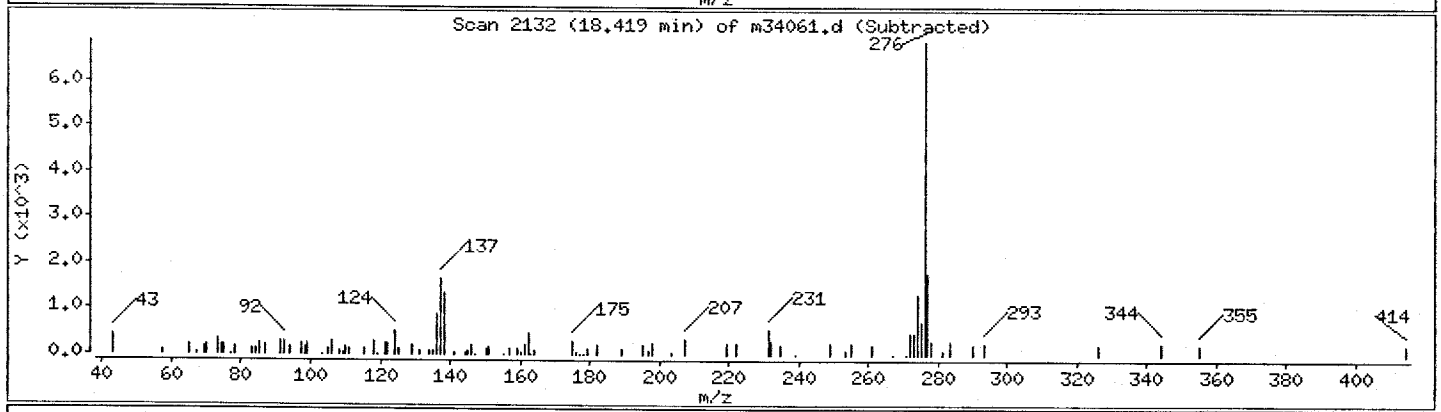
Column phase: DB-5

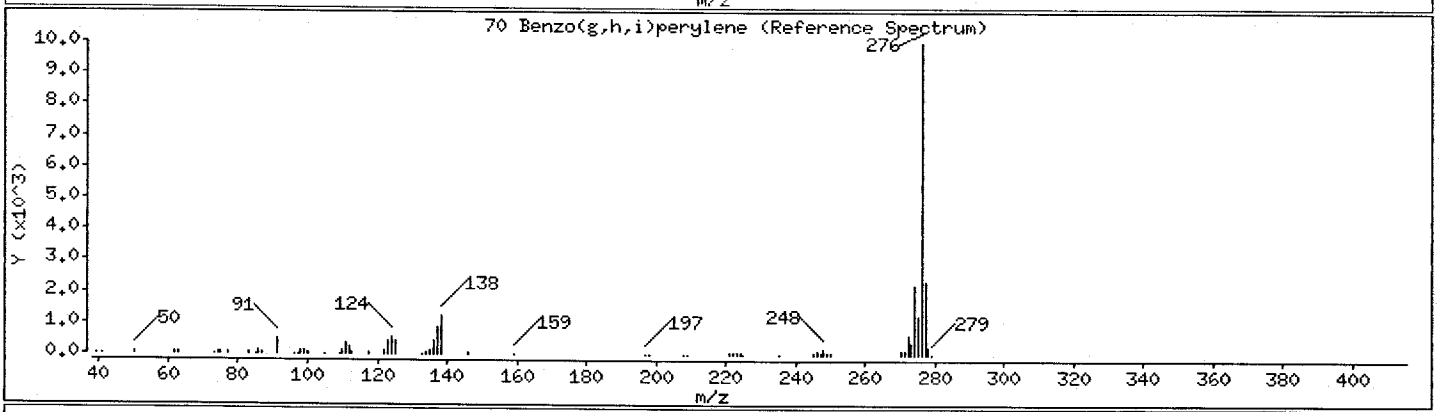
Column diameter: 0.25

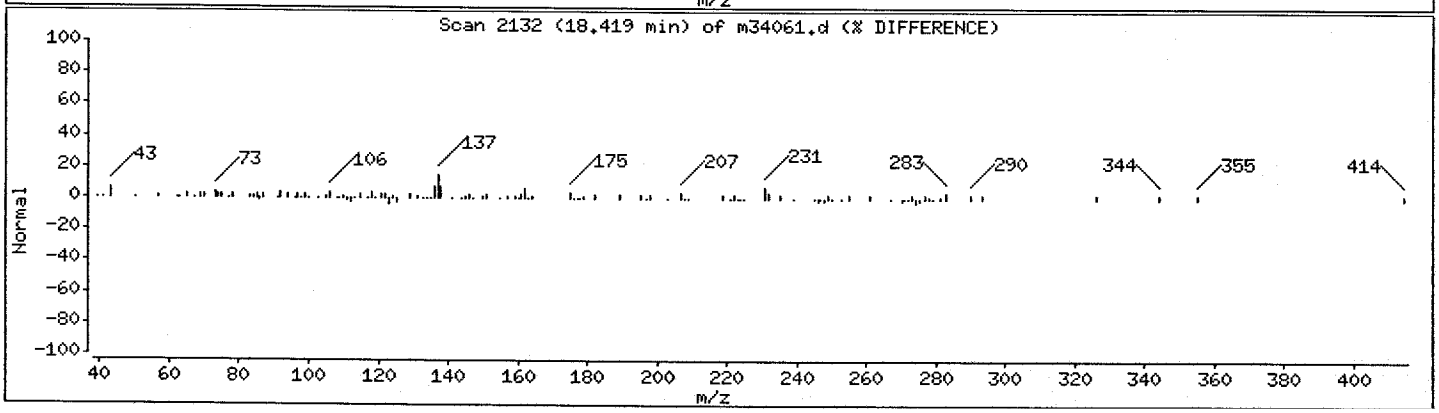
70 Benzo(g,h,i)perylene

Concentration: 100 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d

Date : 07-APR-2008 19:43

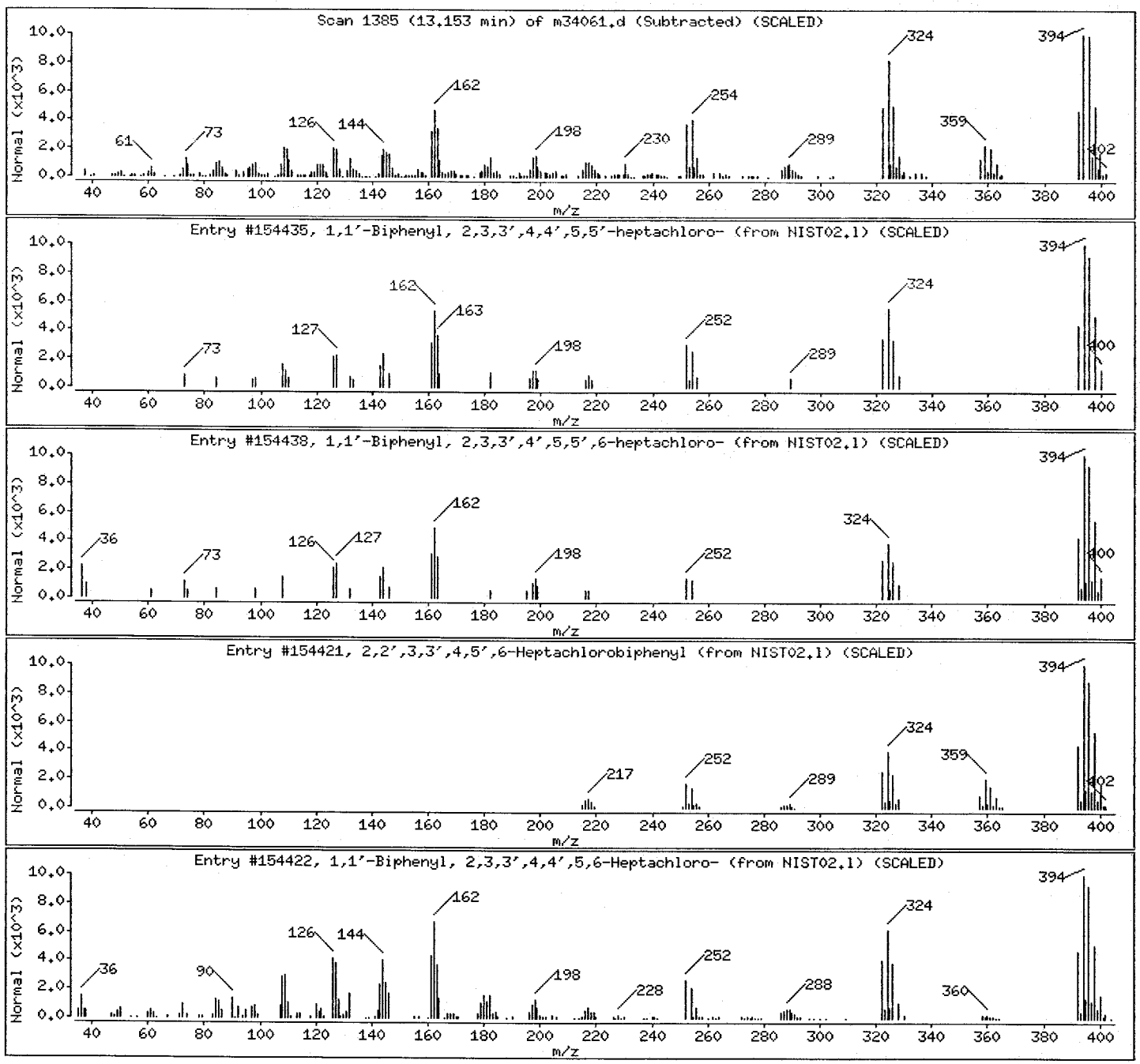
Client ID: 032508-1720 Instrument: BNAMS6.i

Sample Info: 908691;4225891

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4,4',5,6-Heptachlo	41411-64-7	NIST02.l	154422	94	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34061.d

Date : 07-APR-2008 19:43

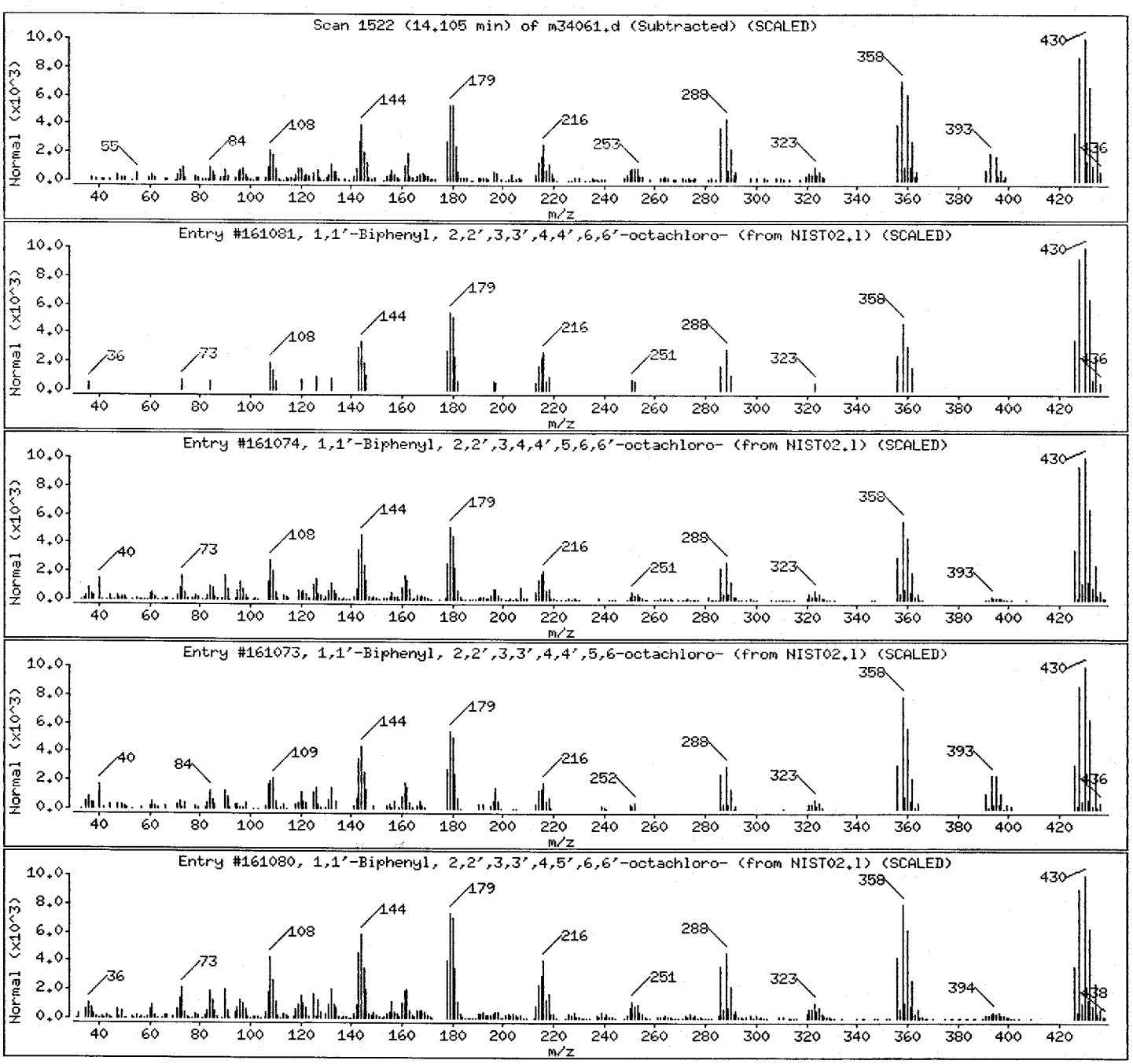
Client ID: 032508-1720 Instrument: BNAMS6.i

Sample Info: 908691;4225891

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-octach	74472-52-9	NIST02.l	161074	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	91	C12H2Cl8	426



Client ID: **032508-1725**
Site: BP Hastings

Lab Sample No: **908692**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34062.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 25

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	880
2-Chlorophenol	ND	880
2-Methylphenol	ND	880
4-Methylphenol	ND	880
2-Nitrophenol	ND	880
2,4-Dimethylphenol	ND	880
2,4-Dichlorophenol	ND	880
4-Chloro-3-methylphenol	ND	880
2,4,6-Trichlorophenol	ND	880
2,4,5-Trichlorophenol	ND	880
2,4-Dinitrophenol	ND	2600
4-Nitrophenol	ND	2600
4,6-Dinitro-2-methylphenol	ND	2600
Pentachlorophenol	ND	2600

Client ID: **032508-1725**
Site: BP Hastings

Lab Sample No: **908692**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34062.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 25

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	88
1,3-Dichlorobenzene	ND	880
1,4-Dichlorobenzene	ND	880
1,2-Dichlorobenzene	ND	880
bis(2-chloroisopropyl)ether	ND	880
N-Nitroso-di-n-propylamine	ND	88
Hexachloroethane	ND	88
Nitrobenzene	ND	88
Isophorone	ND	880
bis(2-Chloroethoxy)methane	ND	880
1,2,4-Trichlorobenzene	ND	88
Naphthalene	72 J	880
4-Chloroaniline	ND	880
Hexachlorobutadiene	ND	180
2-Methylnaphthalene	ND	880
Hexachlorocyclopentadiene	ND	880
2-Chloronaphthalene	180 J	880
2-Nitroaniline	ND	1800
Dimethylphthalate	ND	880
Acenaphthylene	ND	880
2,6-Dinitrotoluene	ND	180
3-Nitroaniline	ND	1800
Acenaphthene	ND	880
Dibenzofuran	ND	880
2,4-Dinitrotoluene	ND	180
Diethylphthalate	ND	880
4-Chlorophenyl-phenylether	ND	880
Fluorene	21 J	880
4-Nitroaniline	ND	1800
N-Nitrosodiphenylamine	ND	880
4-Bromophenyl-phenylether	ND	880
Hexachlorobenzene	ND	88
Phenanthrene	140 J	880
Anthracene	42 J	880

Client ID: **032508-1725**
Site: BP Hastings

Lab Sample No: **908692**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34062.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 25

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	880
Di-n-butylphthalate	ND	880
Fluoranthene	240 J	880
Pyrene	250 J	880
Butylbenzylphthalate	ND	880
3,3'-Dichlorobenzidine	ND	1800
Benzo(a)anthracene	ND	88
Chrysene	ND	880
bis(2-Ethylhexyl)phthalate	300 J	880
Di-n-octylphthalate	ND	880
Benzo(b)fluoranthene	ND	88
Benzo(k)fluoranthene	ND	88
Benzo(a)pyrene	140	88
Indeno(1,2,3-cd)pyrene	49 J	88
Dibenz(a,h)anthracene	ND	88
Benzo(g,h,i)perylene	50 J	880

Client ID: **032508-1725**
Site: BP Hastings

Lab Sample No: **908692**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34062.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 24.6

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Trichloro-1,1-biphenyl isomer	10.45	15000	
2. Hexachloro-1,1'-biphenyl isomer	12.34	20000	
3. Hexachloro-1,1'-biphenyl isomer	12.45	17000	
4. Hexachloro-1,1'-biphenyl isomer	12.56	38000	
5. Hexachloro-1,1'-biphenyl isomer	12.76	43000	
6. Heptachloro-1,1'-biphenyl isomer	12.93	26000	
7. Hexachloro-1,1'-biphenyl isomer	13.02	15000	
8. Heptachloro-1,1'-biphenyl isomer	13.20	67000	
9. Unknown	13.23	39000	
10. Heptachloro-1,1'-biphenyl isomer	13.43	49000	
11. Heptachloro-1,1'-biphenyl isomer	13.49	24000	
12. Octachloro-1,1'-biphenyl isomer	13.51	42000	
13. Octachloro-1,1'-biphenyl isomer	13.58	21000	
14. Heptachloro-1,1'-biphenyl isomer	13.69	110000	
15. Heptachloro-1,1'-biphenyl isomer	14.00	29000	
16. Octachloro-1,1'-biphenyl isomer	14.09	85000	
17. Octachloro-1,1'-biphenyl isomer	14.16	82000	
18. Octachloro-1,1'-biphenyl isomer	14.49	22000	
19. Octachloro-1,1'-biphenyl isomer	14.69	69000	
20. Nonylchloro-1,1-biphenyl isomer	15.13	59000	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	872000

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d
Report Date: 08-Apr-2008 14:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d
Lab Smp Id: 908692 Client Smp ID: 032508-1725
Inj Date : 07-APR-2008 20:07
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : 908692;4225892
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/8270C_08.m
Meth Date : 08-Apr-2008 11:13 monica Quant Type: ISTD
Cal Date : 02-APR-2008 22:21 Cal File: m33969.d
Als bottle: 11
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	24.60000	% Moisture

Cpnd Variable Local Compound Variable

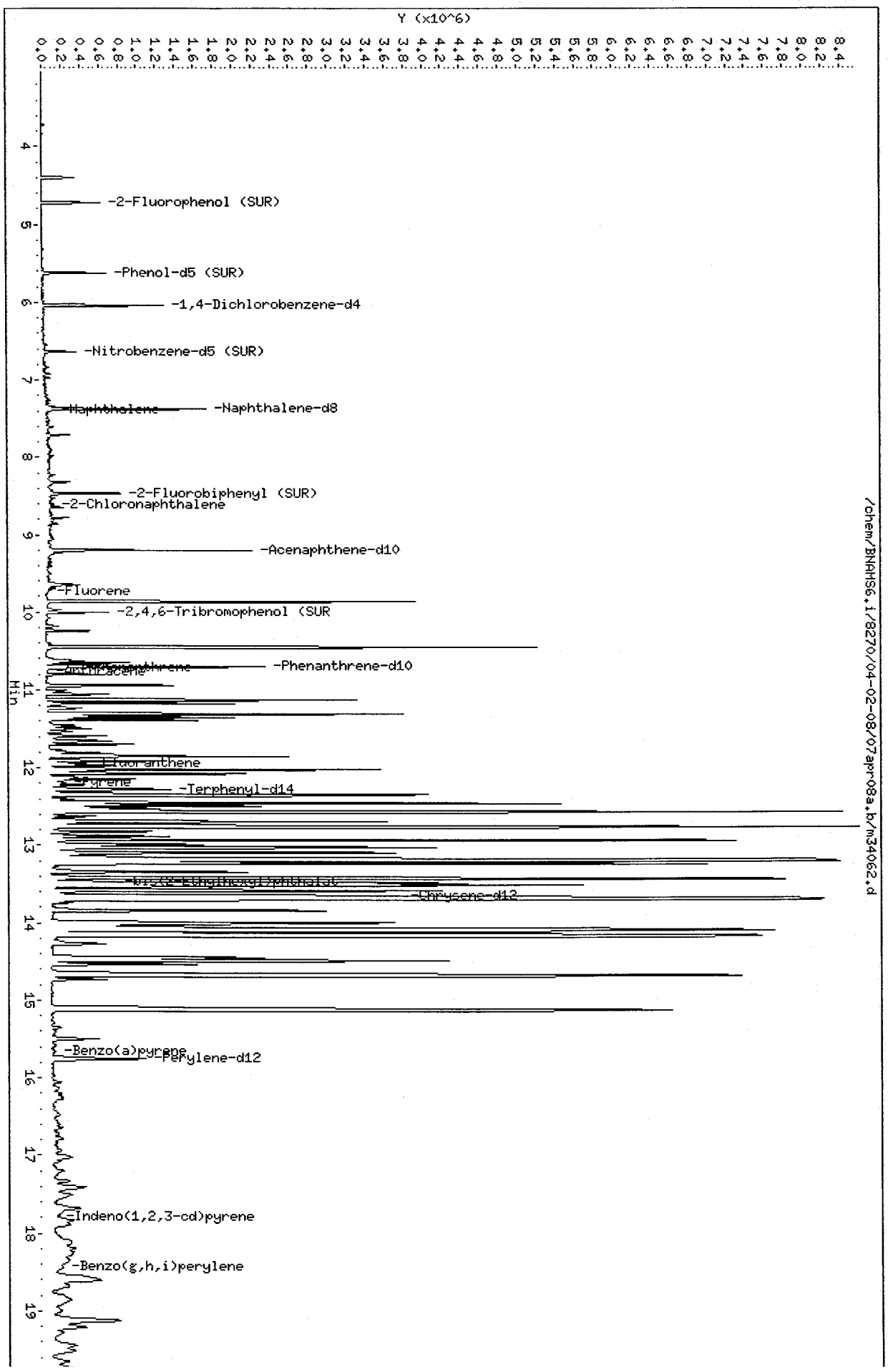
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$	16 2-Fluorophenol (SUR)	112	4.720	4.727	(0.781)	217892	33.1514	5900
$	17 Phenol-d5 (SUR)	99	5.625	5.636	(0.931)	279133	31.9686	5600
*	79 1,4-Dichlorobenzene-d4	152	6.041	6.046	(1.000)	210853	40.0000	
$	76 Nitrobenzene-d5 (SUR)	82	6.637	6.650	(0.900)	116065	15.6795	2800
*	80 Naphthalene-d8	136	7.377	7.384	(1.000)	861715	40.0000	
	31 Naphthalene	128	7.399	7.406	(1.003)	8646	0.40588	72(a)
$	77 2-Fluorobiphenyl (SUR)	172	8.471	8.472	(0.920)	275224	17.0534	3000
	36 2-Chloronaphthalene	162	8.610	8.614	(0.935)	14087	1.01748	180(a)
*	82 Acenaphthene-d10	164	9.203	9.202	(1.000)	544465	40.0000	
	47 Fluorene	166	9.740	9.748	(1.058)	1988	0.11828	21(a)
$	18 2,4,6-Tribromophenol (SUR)	330	10.010	10.016	(1.088)	96244	29.3069	5200
*	83 Phenanthrene-d10	188	10.702	10.708	(1.000)	891104	40.0000	
	52 Phenanthrene	178	10.723	10.731	(1.002)	21187	0.78659	140(a)

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d
Report Date: 08-Apr-2008 14:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	53 Anthracene	178	10.767	10.776	(1.006)	6439	0.23863	42(a)
	56 Fluoranthene	202	11.938	11.948	(1.115)	36026	1.35568	240(a)
	57 Pyrene	202	12.195	12.193	(0.894)	37825	1.40298	250(a)
$	78 Terphenyl-d14	244	12.278	12.282	(0.900)	390997	19.1326	3400
	63 bis(2-Ethylhexyl)phthalate	149	13.464	13.442	(0.987)	40862	1.66941	300(a)
*	81 Chrysene-d12	240	13.646	13.629	(1.000)	975902	40.0000	
	67 Benzo(a)pyrene	252	15.652	15.661	(0.993)	13229	0.78210	140
*	84 Perylene-d12	264	15.756	15.756	(1.000)	597182	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.794	17.840	(1.129)	4649	0.27880	49(aM)
	70 Benzo(g,h,i)perylene	276	18.435	18.474	(1.170)	3844	0.28521	50(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.


Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)
-2-Chloronaphthalene
-Acenaphthene-d10
-Fluorene
-2,4,6-Tribromophenol (SUR
-Phenanthrene-d10
-Terphenyl-d14
-Chrysene-d12
-Perylene-d12
Indeno(1,2,3-cd)pyrene
-Benzo(g,h,i)perylene
Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d
Date : 07-APR-2008 20:07
Client ID: 032508-1725
Sample Info: 908692;4225892
Column phase: DB-5
/chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

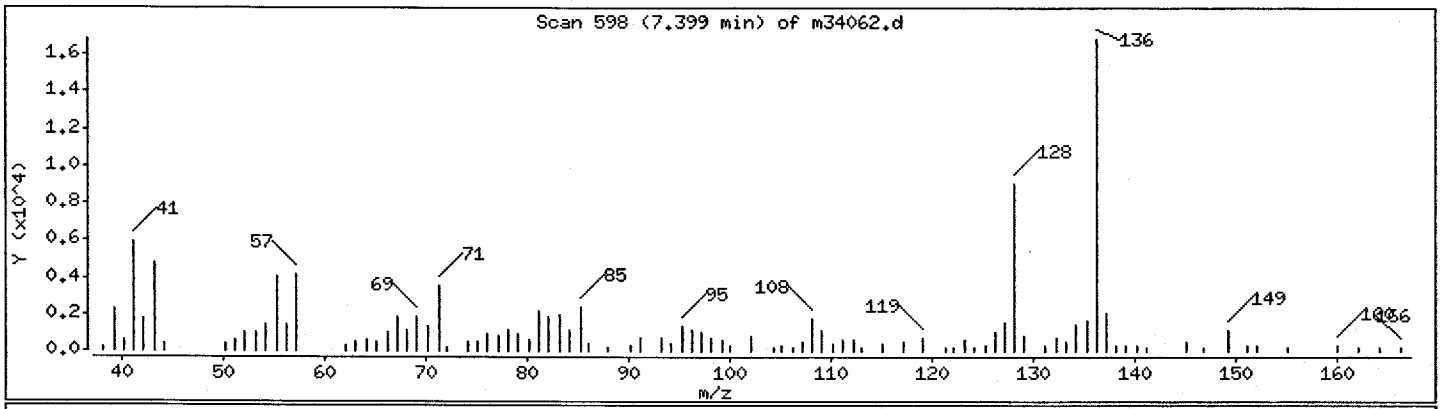
Client ID: 032508-1725 Instrument: BNAMS6.i

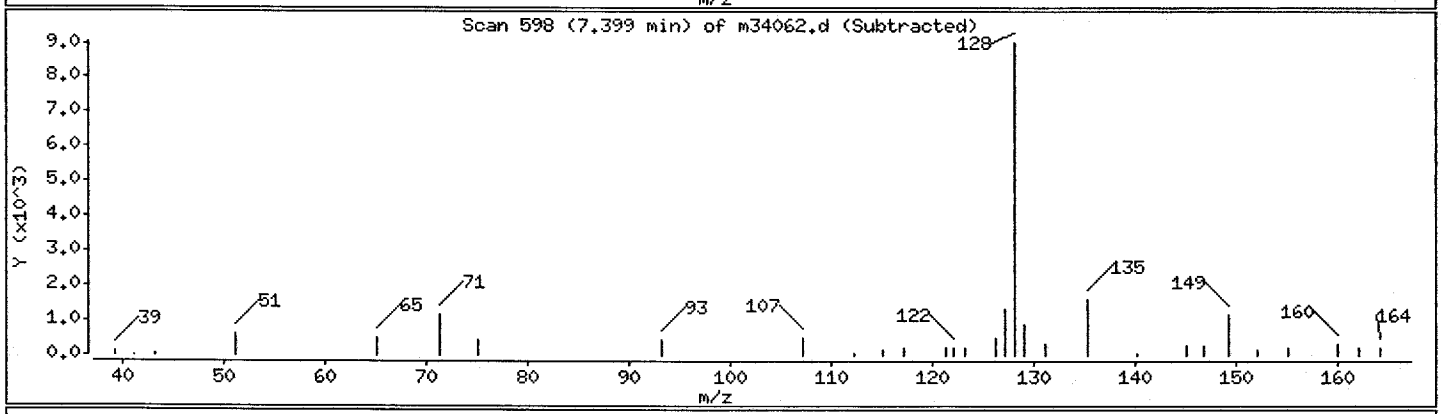
Sample Info: 908692;4225892

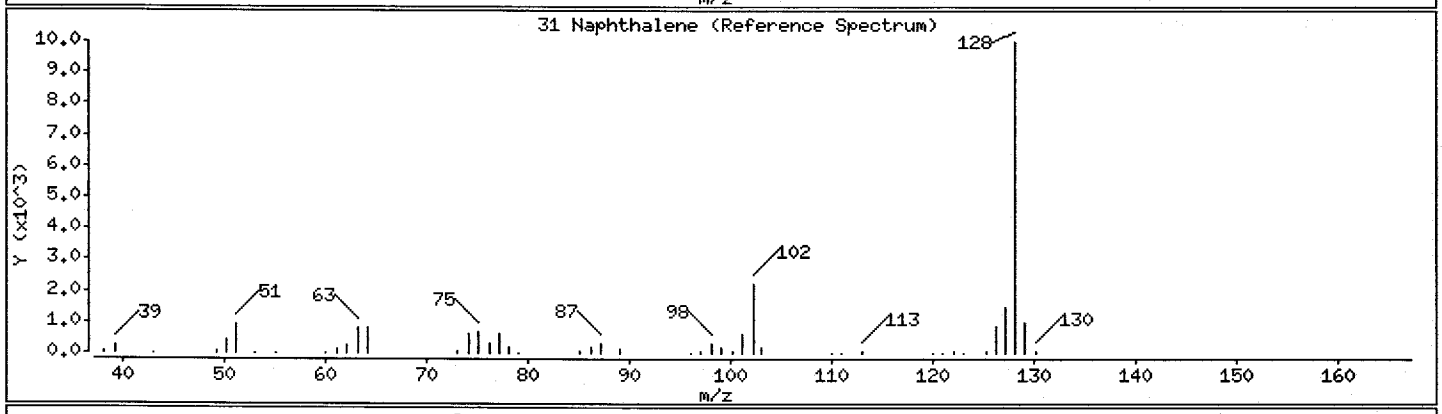
Operator: BNAMS 4

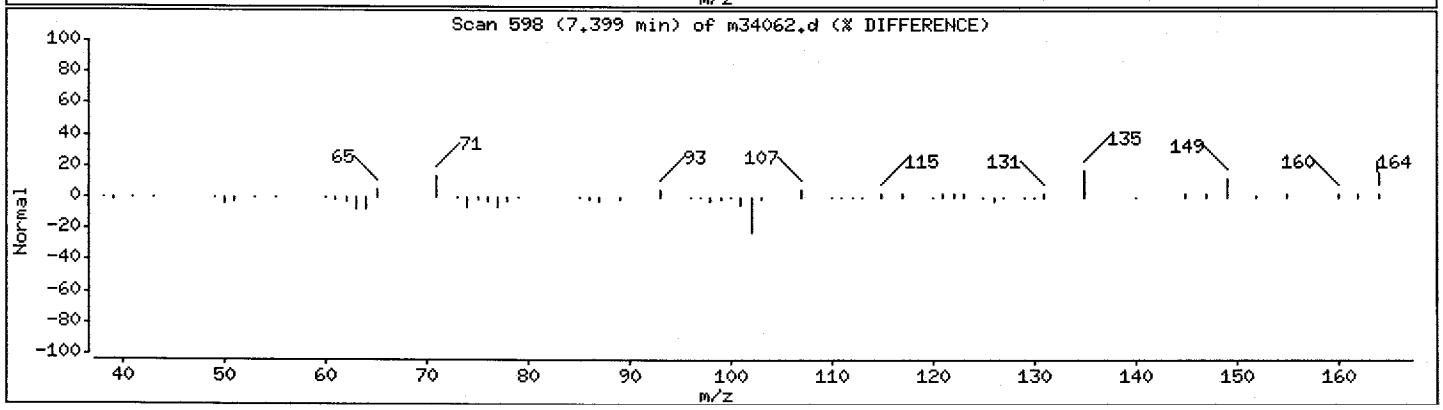
Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 72 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

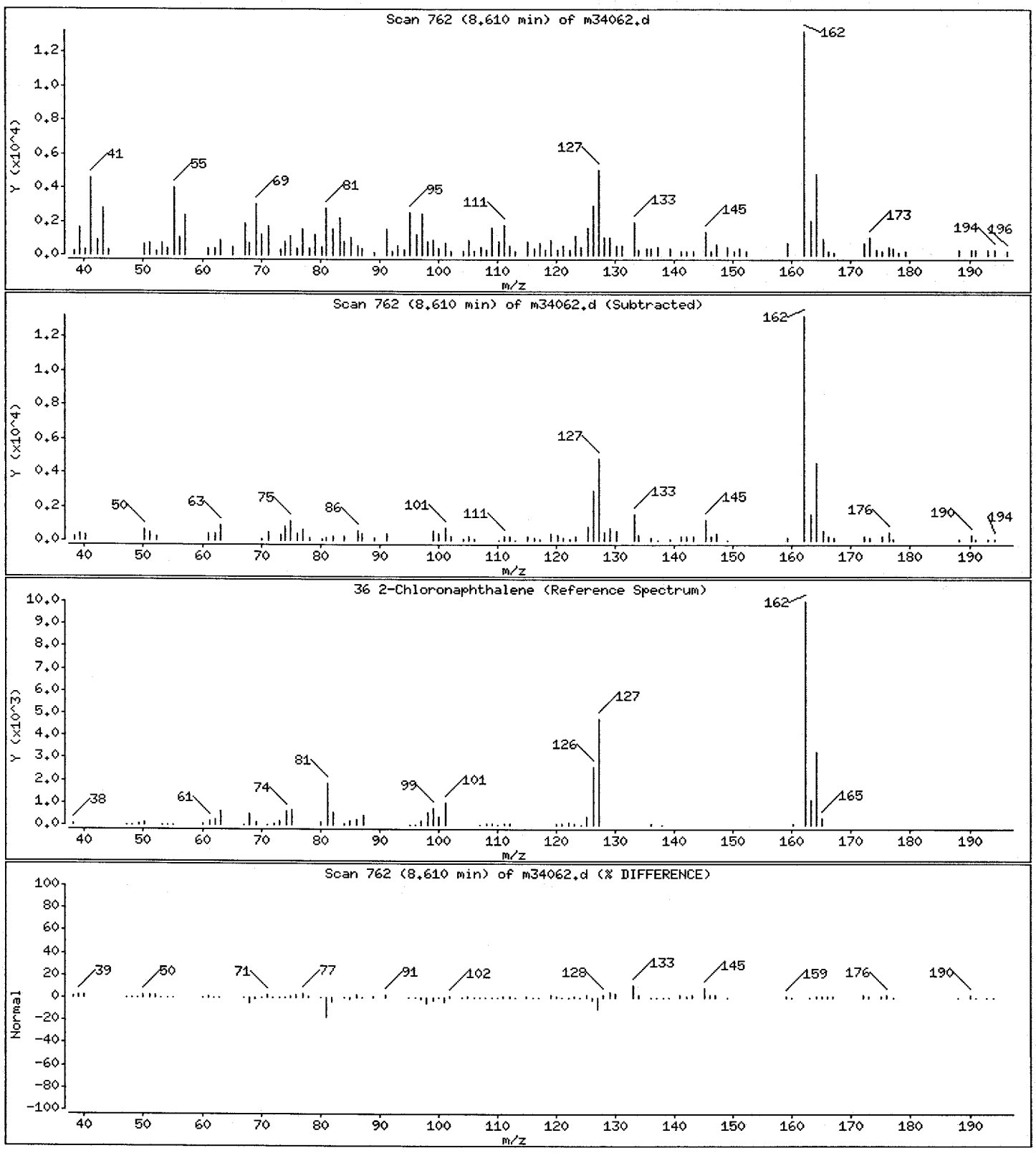
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

36 2-Chloronaphthalene Concentration: 180 ug/Kg



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Date : 07-APR-2008 20:07

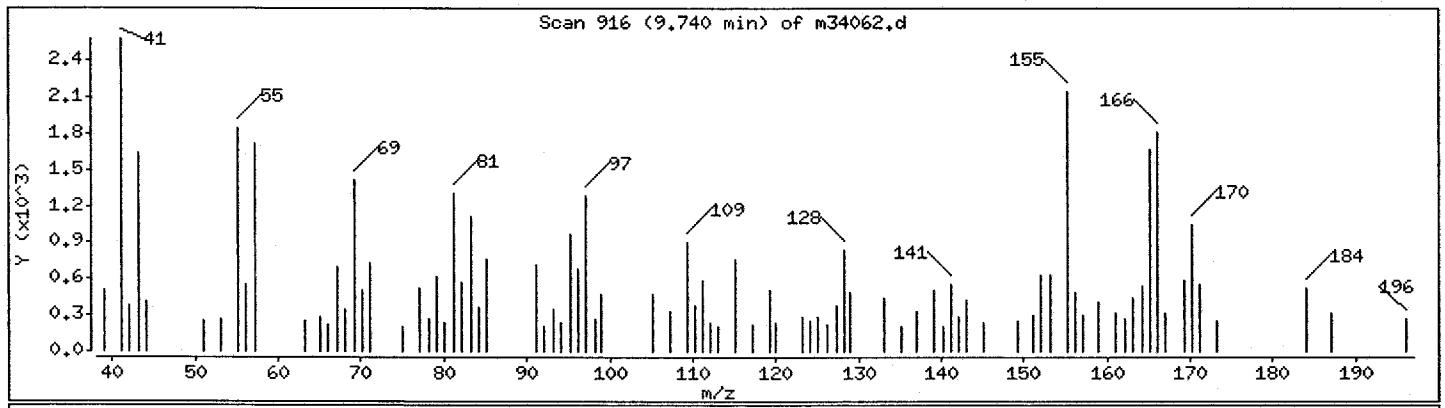
Client ID: 032508-1725 Instrument: BNAMS6.i

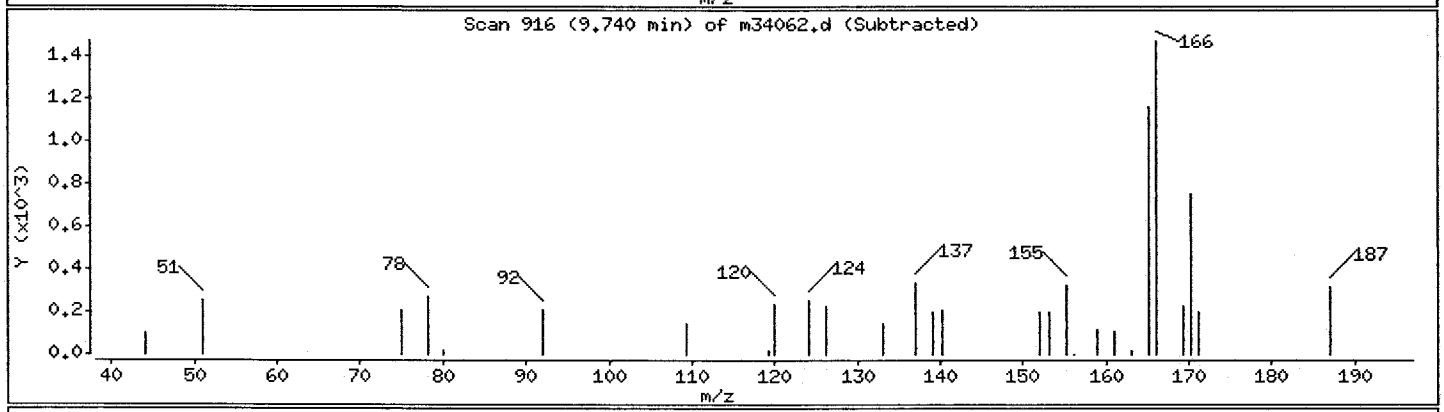
Sample Info: 908692;4225892

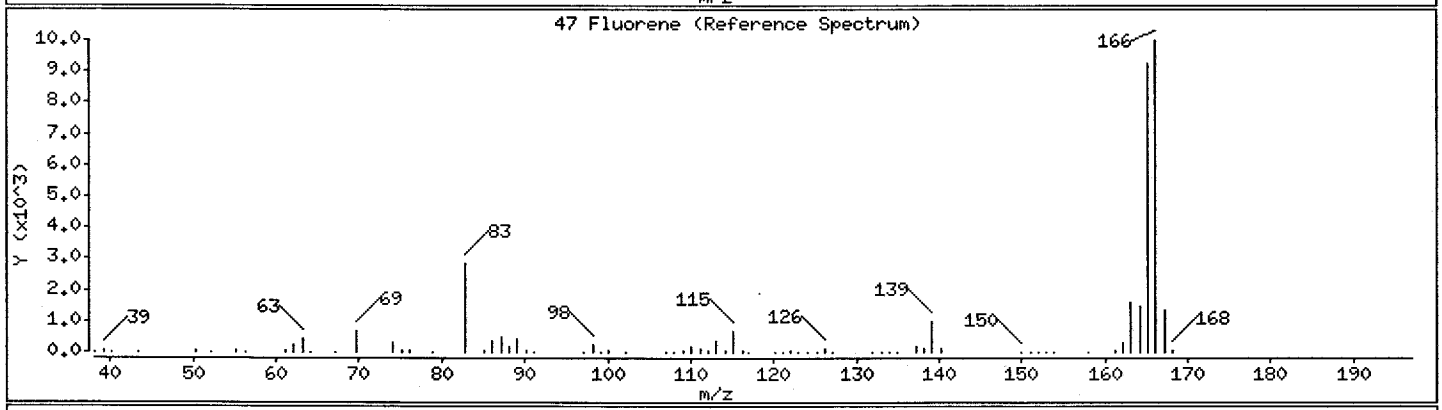
Operator: BNAMS 4

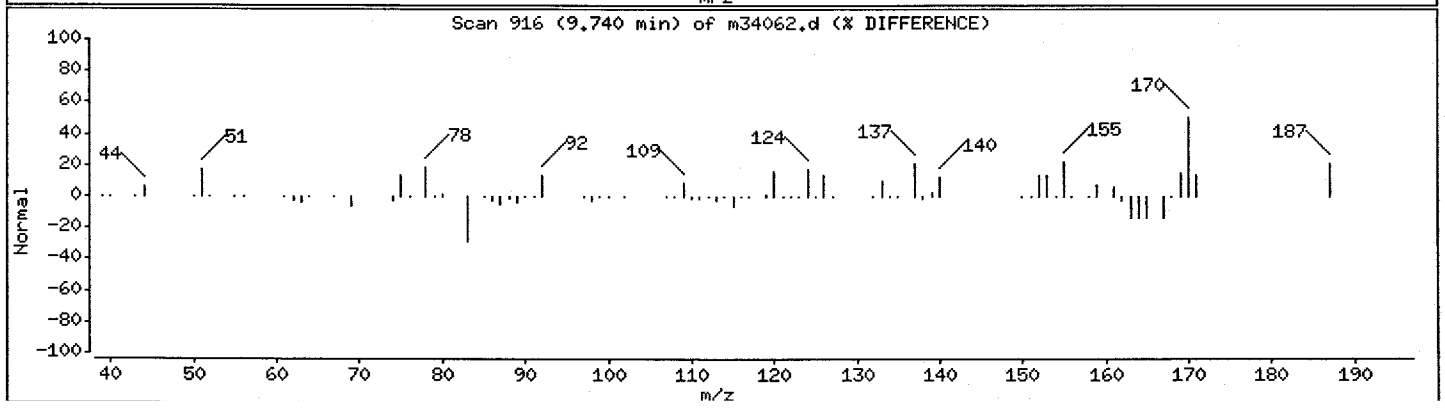
Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 21 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

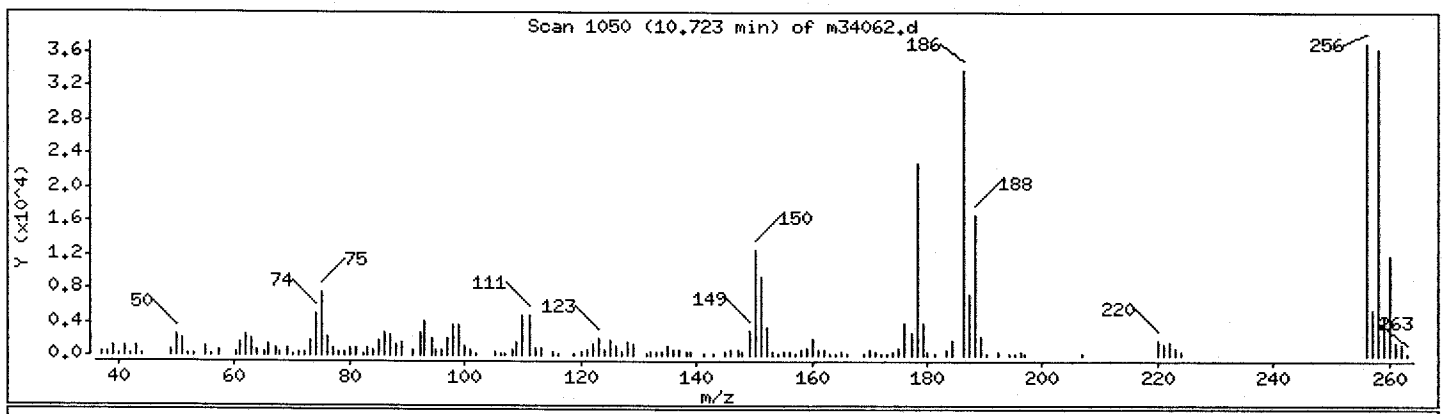
Client ID: 032508-1725 Instrument: BNAMS6.i

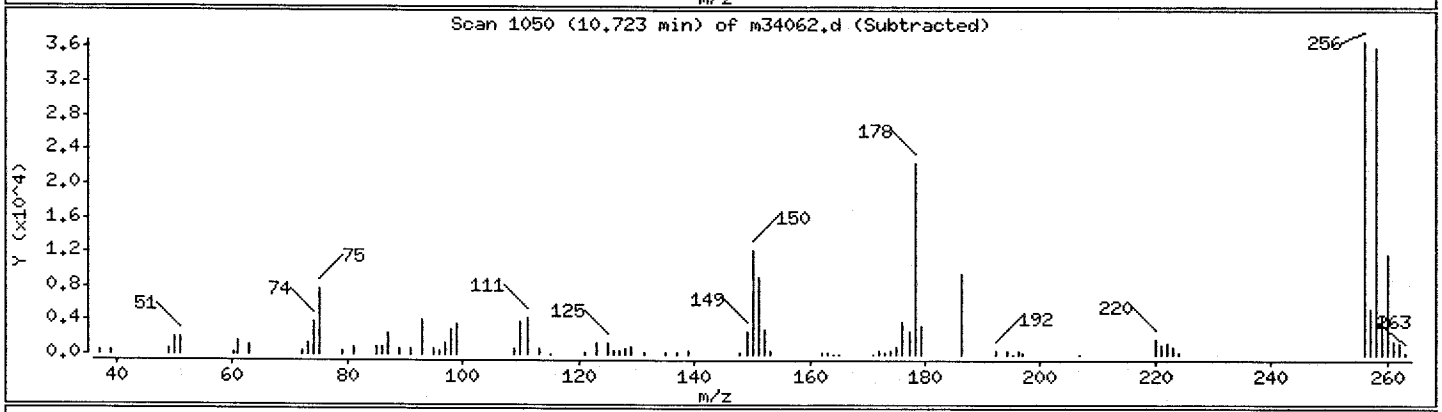
Sample Info: 908692;4225892

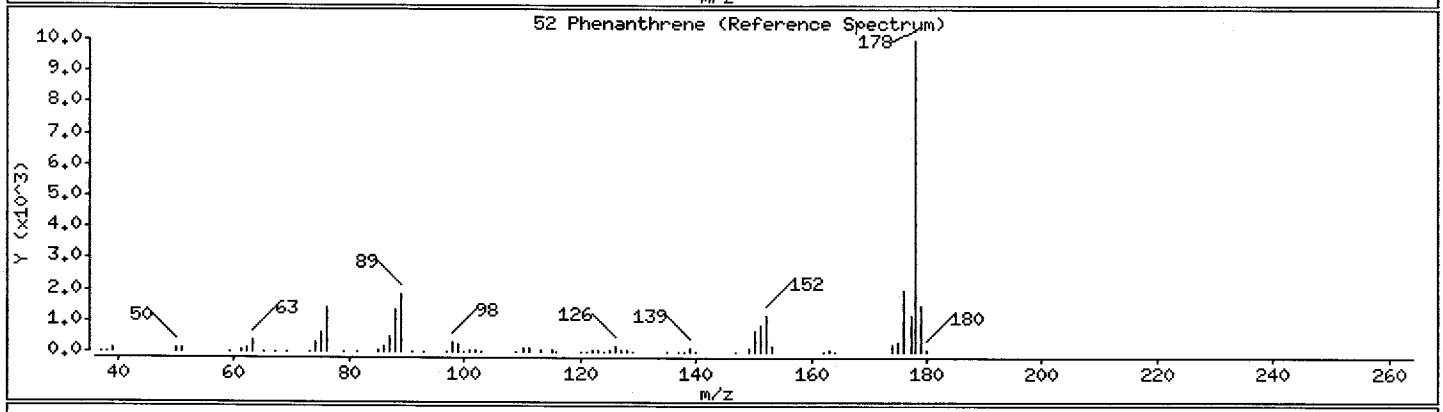
Operator: BNAMS 4

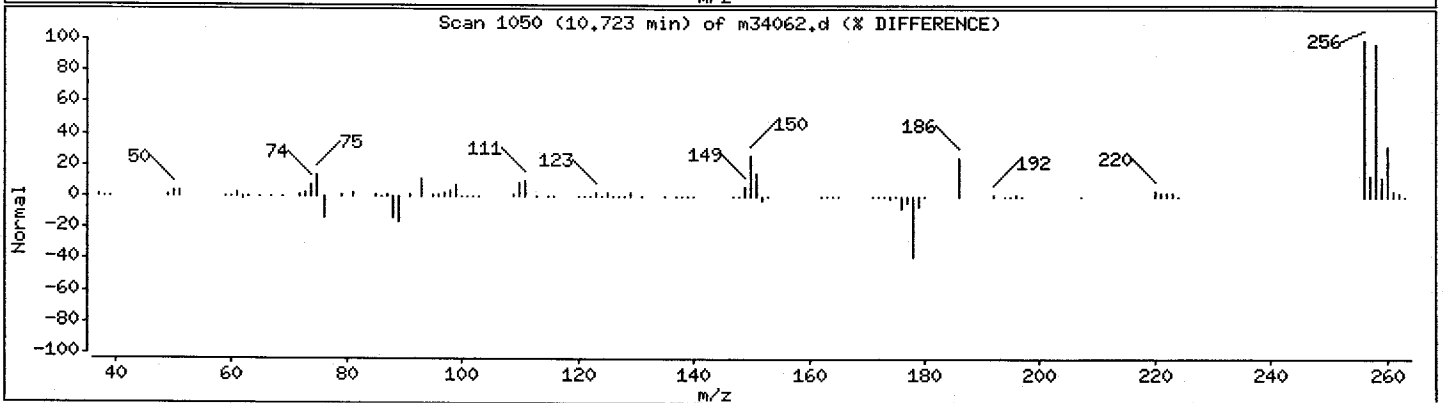
Column phase: DB-5 Column diameter: 0.25

52 Phenanthrene Concentration: 140 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

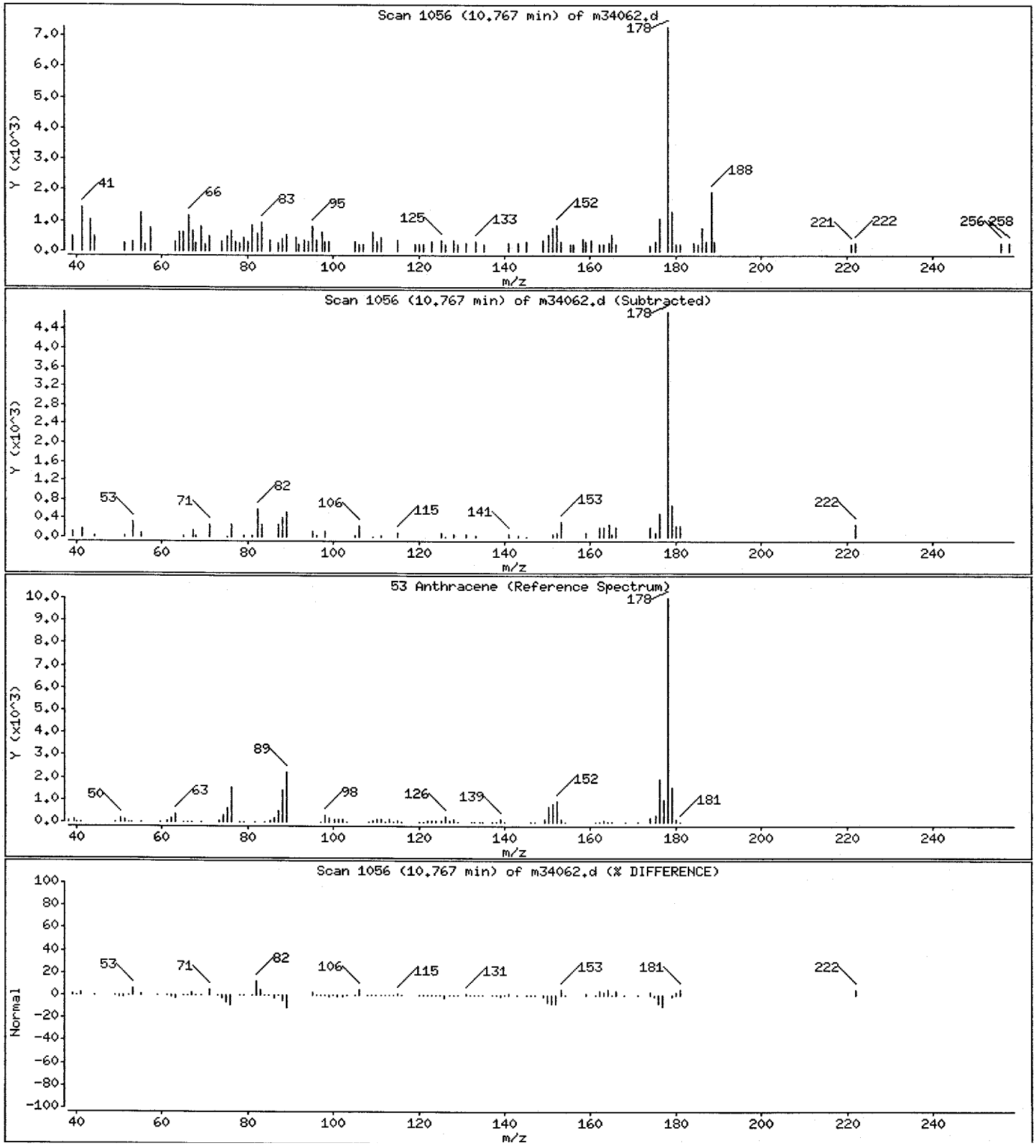
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

53 Anthracene Concentration: 42 ug/Kg



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Date : 07-APR-2008 20:07

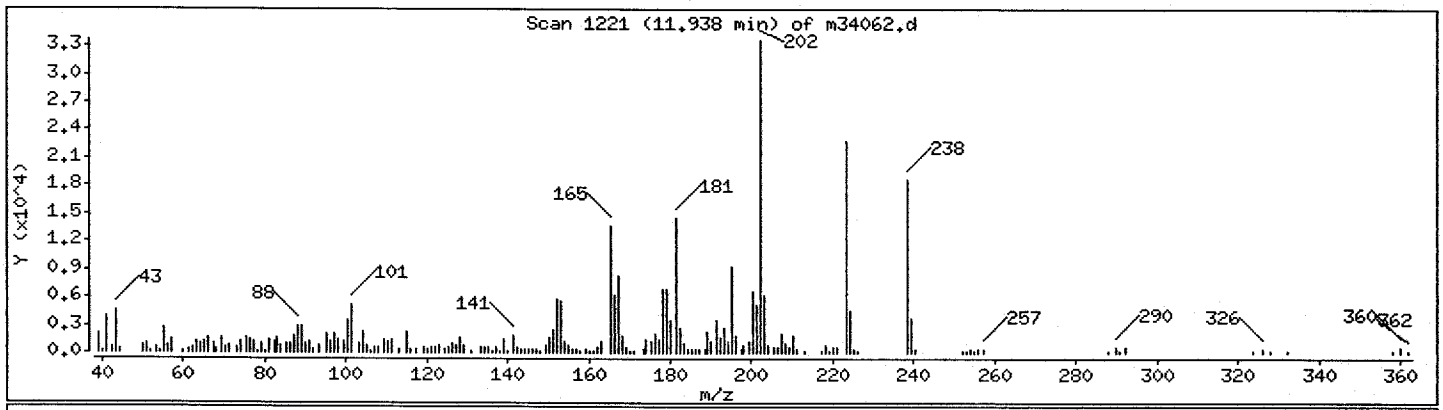
Client ID: 032508-1725 Instrument: BNAMS6.i

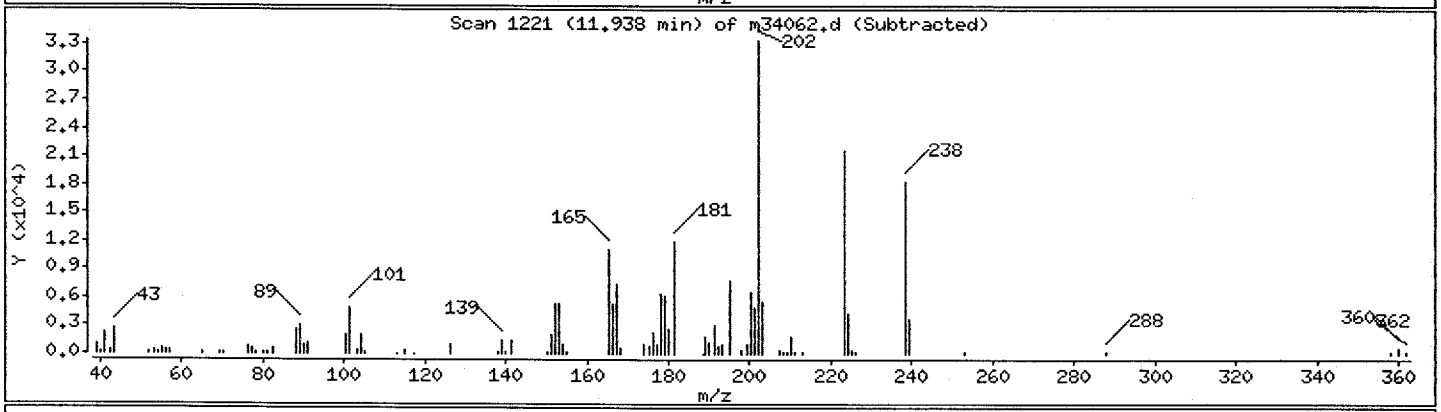
Sample Info: 908692;4225892

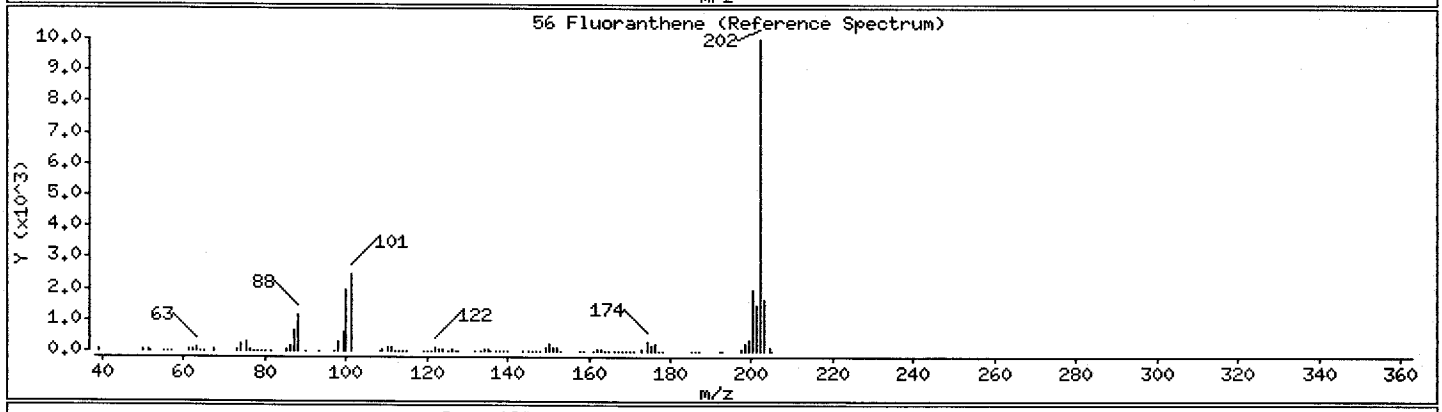
Operator: BNAMS 4

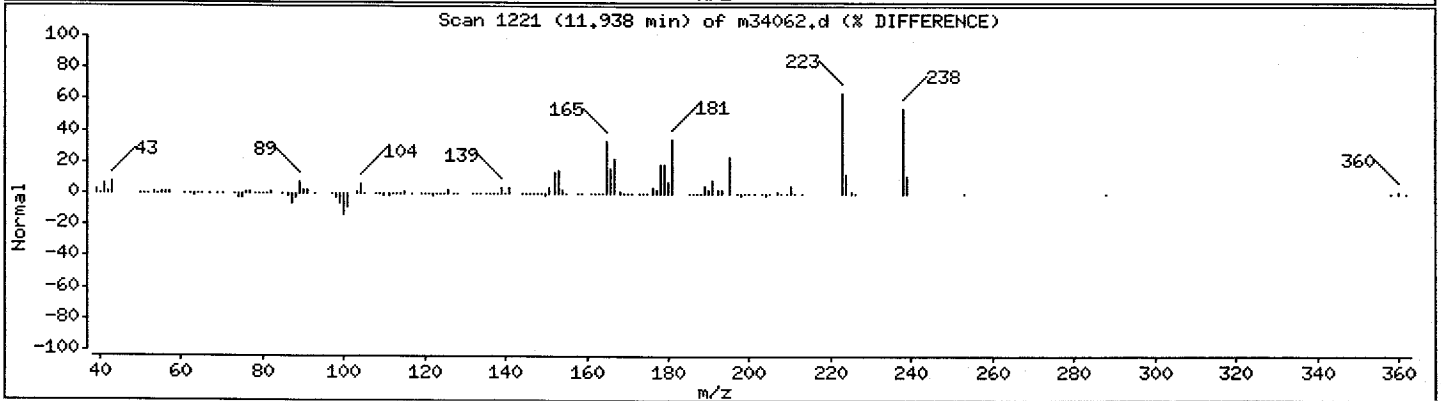
Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 240 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

Client ID: 032508-1725

Instrument: BNAMS6.i

Sample Info: 908692;4225892

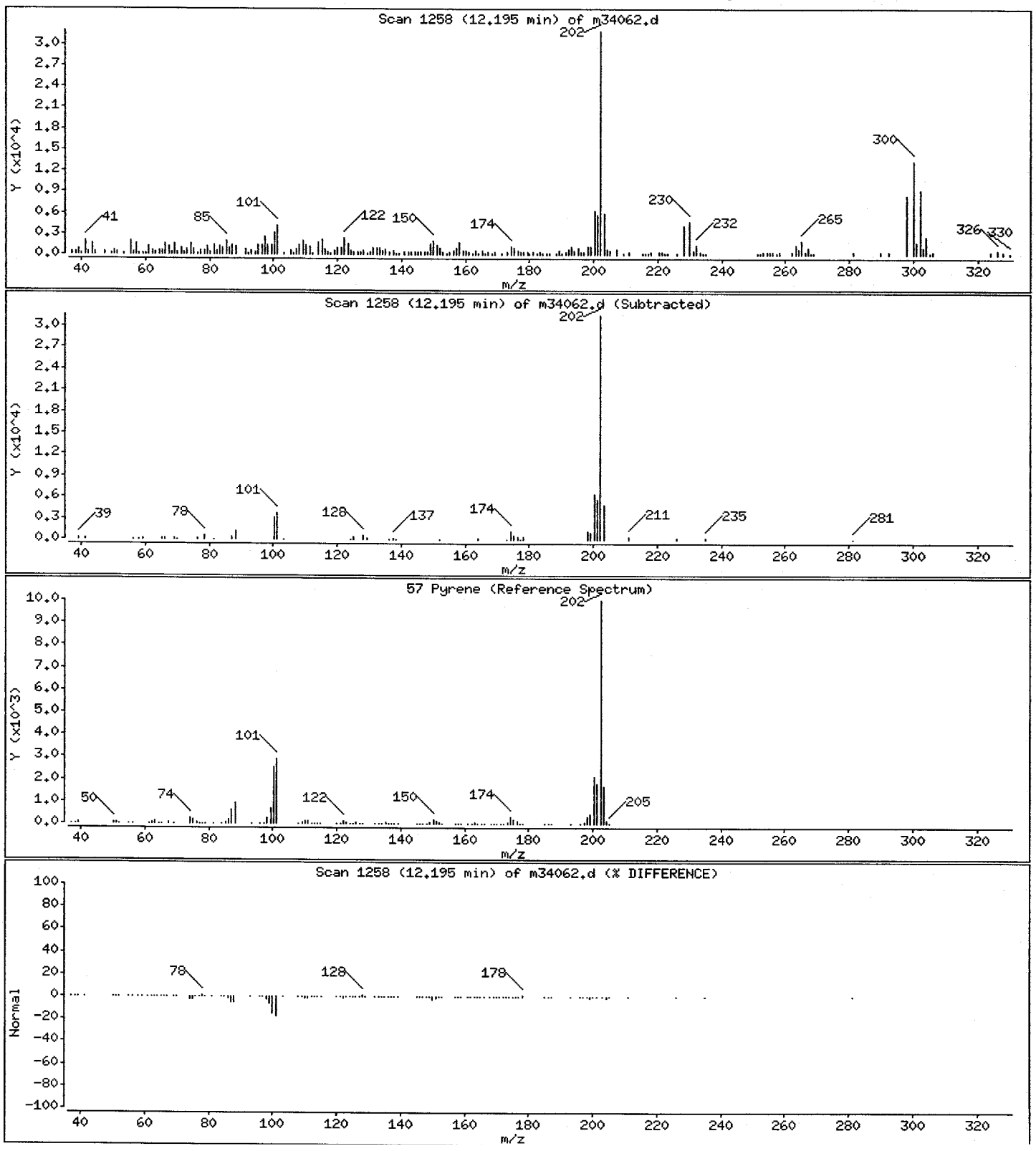
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

57 Pyrene

Concentration: 250 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

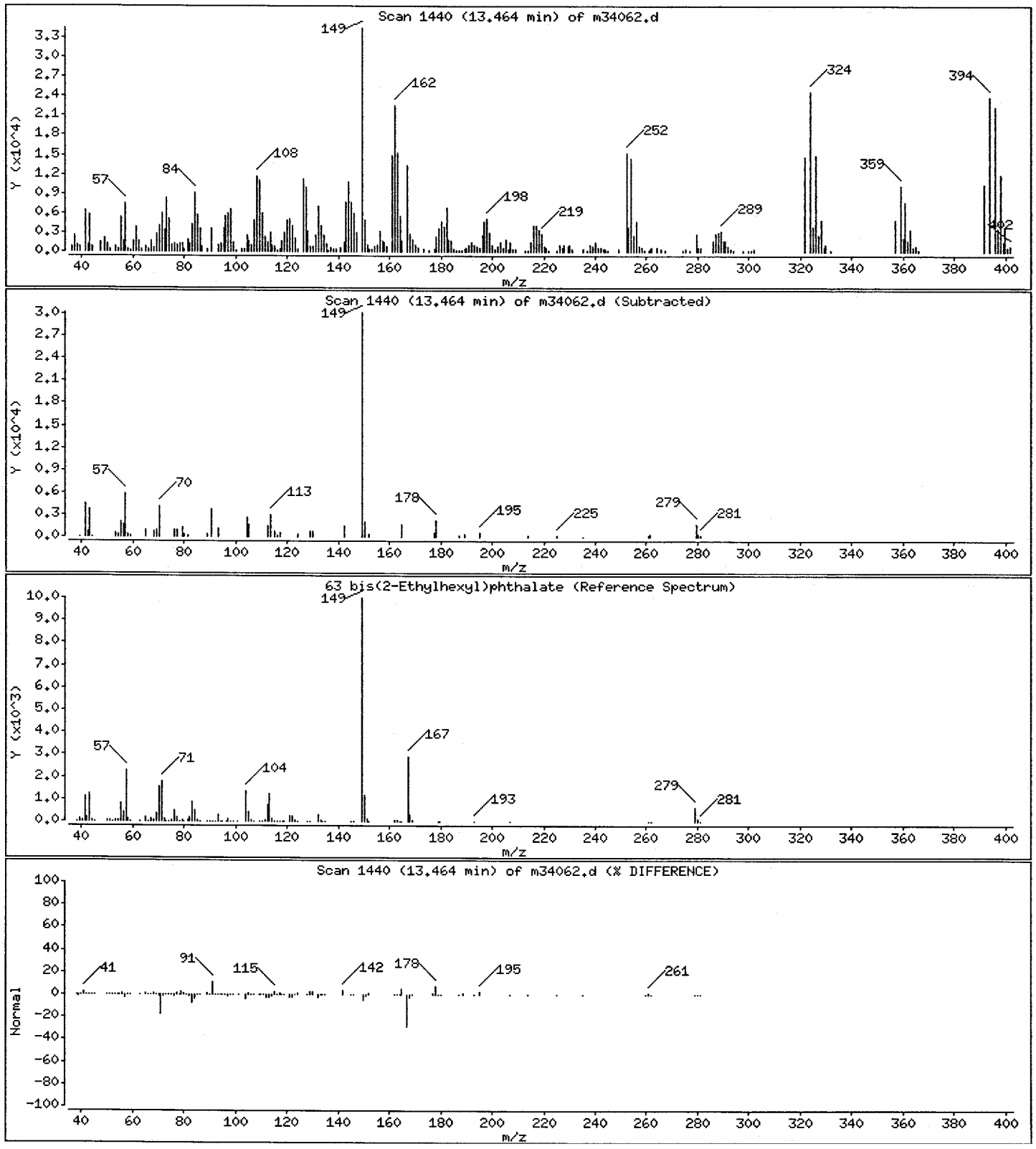
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

63 bis(2-Ethylhexyl)phthalate Concentration: 300 ug/Kg



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Date : 07-APR-2008 20:07

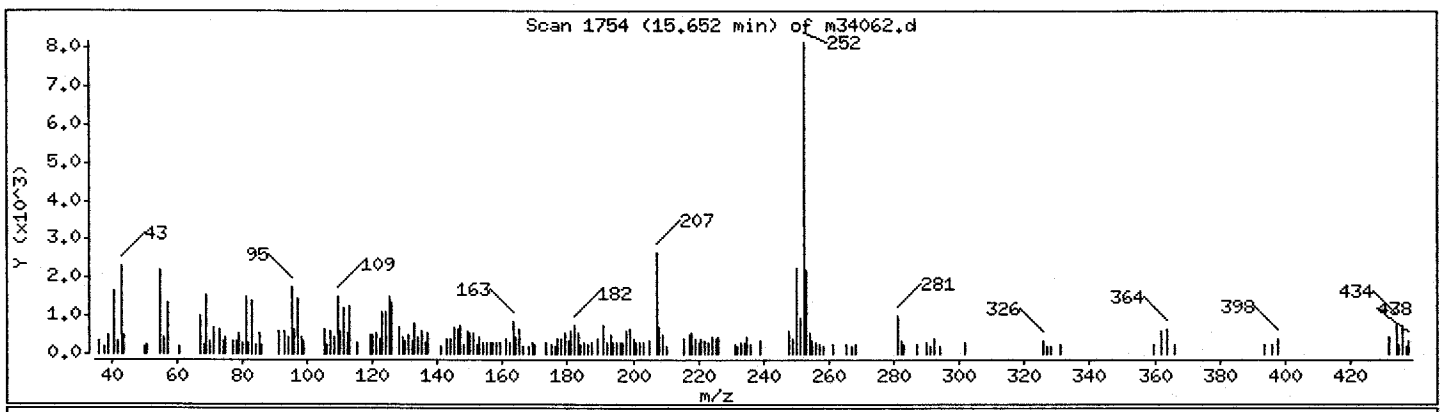
Client ID: 032508-1725 Instrument: BNAMS6.i

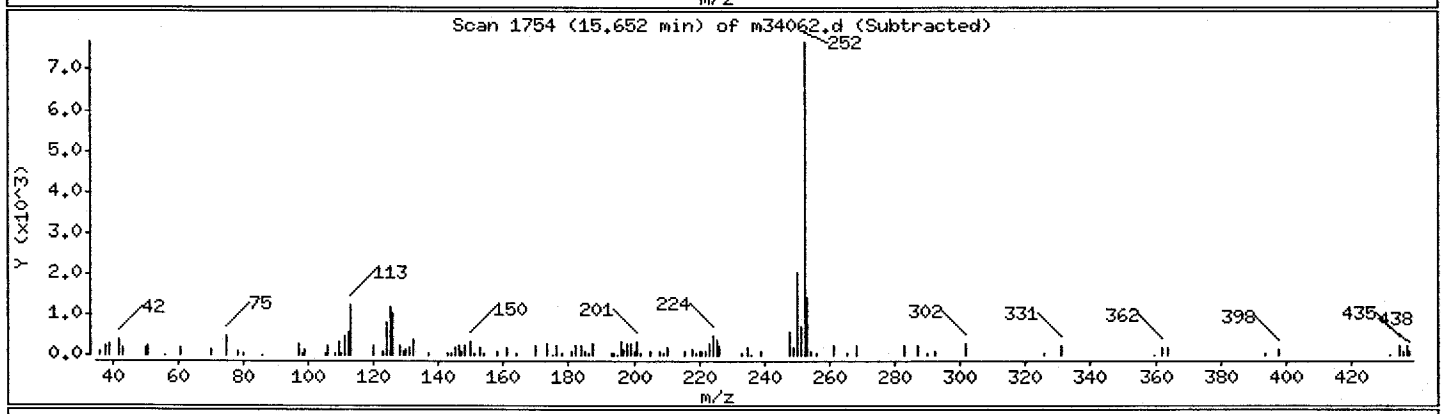
Sample Info: 908692;4225892

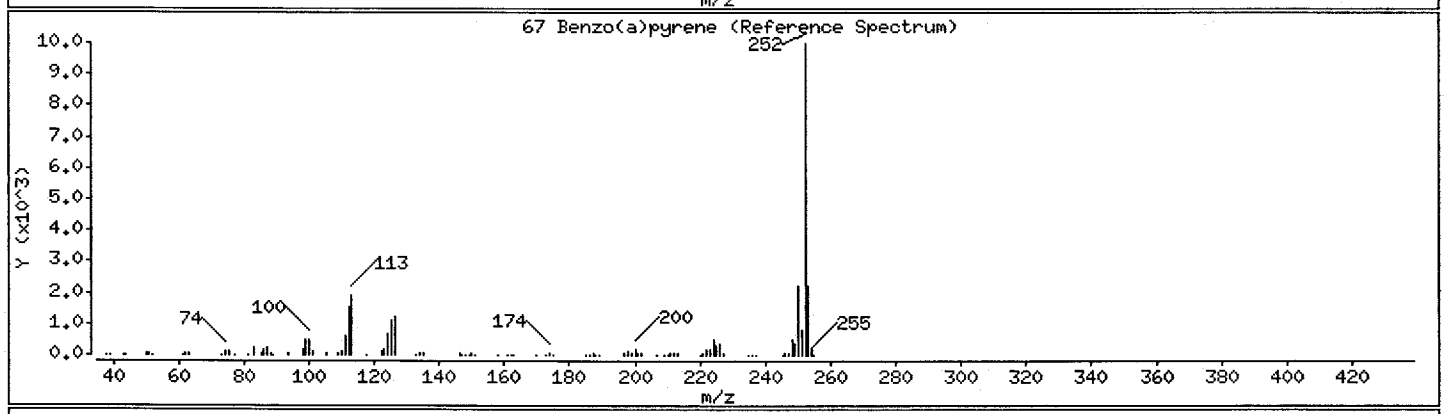
Operator: BNAMS 4

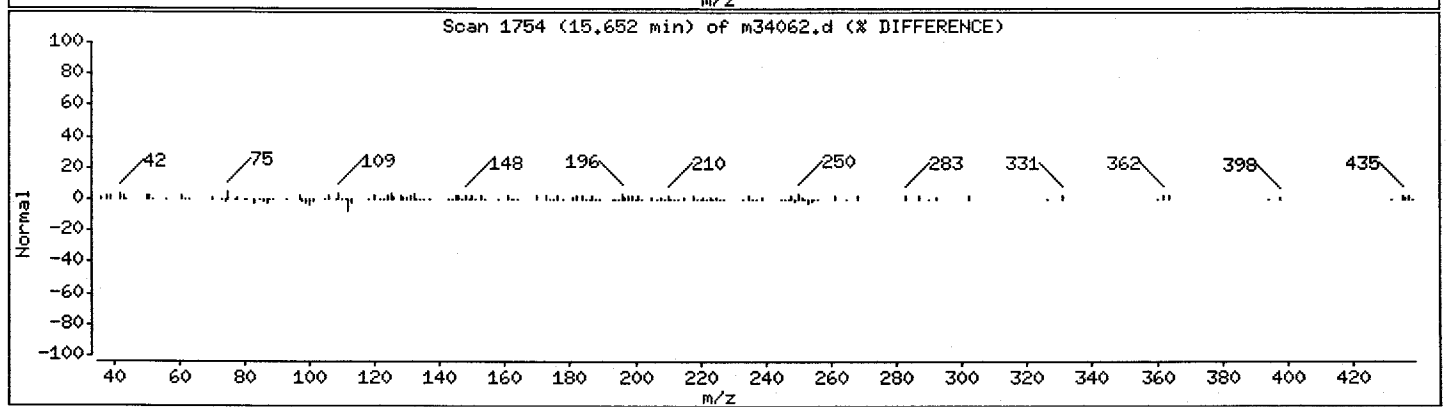
Column phase: DB-5 Column diameter: 0.25

67 Benzo(a)pyrene Concentration: 140 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

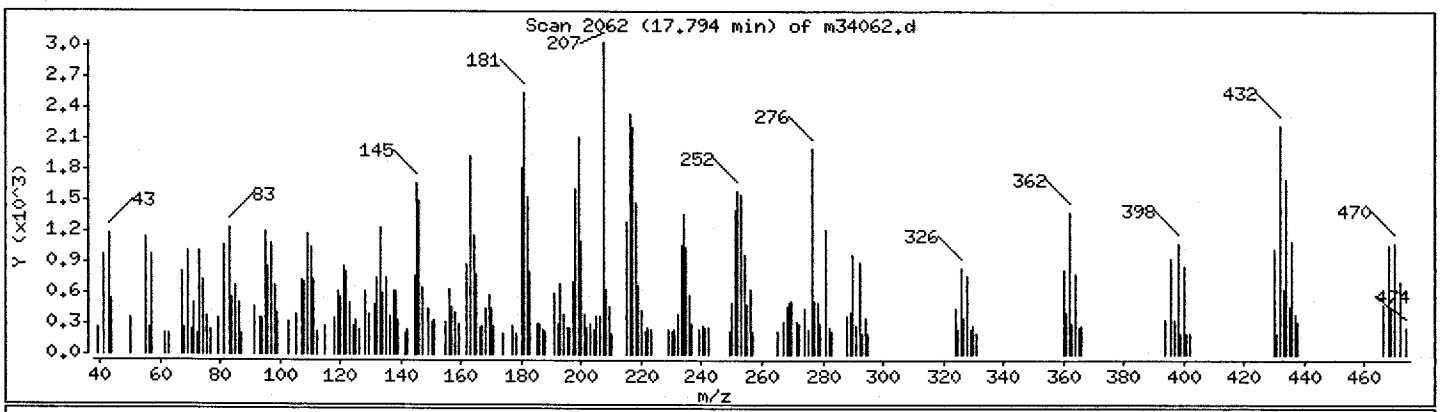
Client ID: 032508-1725 Instrument: BNAMS6.i

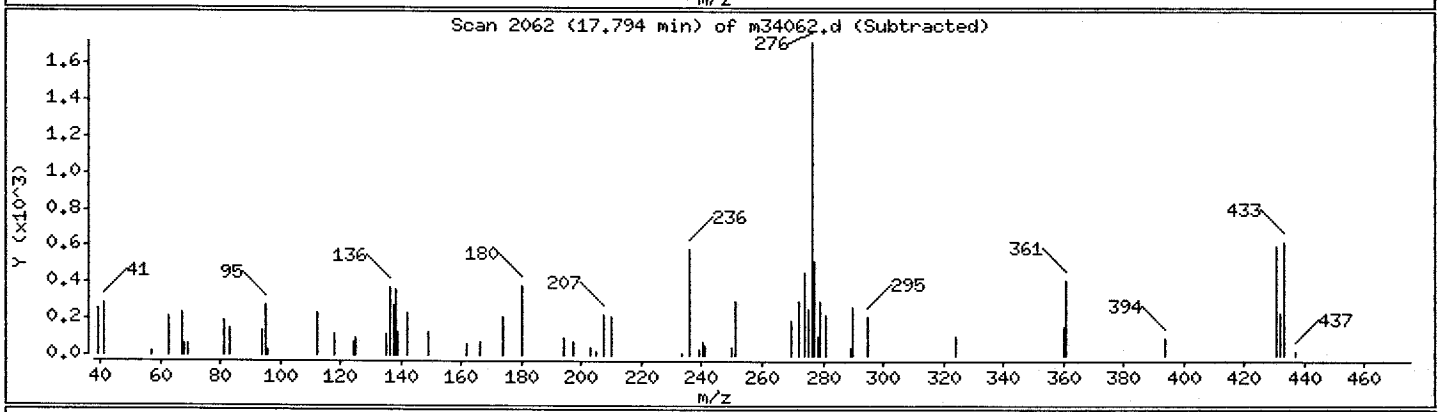
Sample Info: 908692;4225892

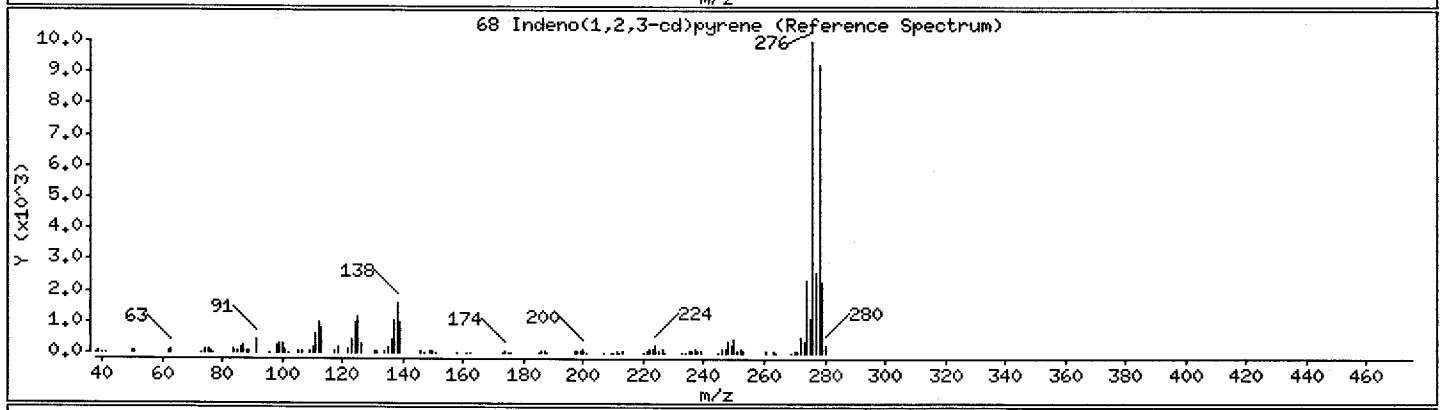
Operator: BNAMS 4

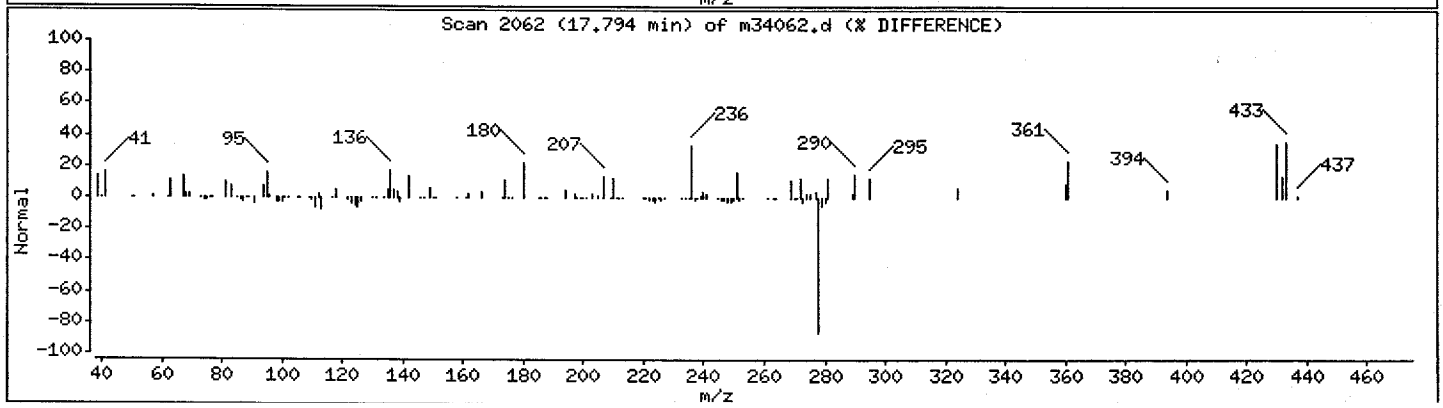
Column phase: DB-5 Column diameter: 0.25

68 Indeno(1,2,3-cd)pyrene Concentration: 49 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

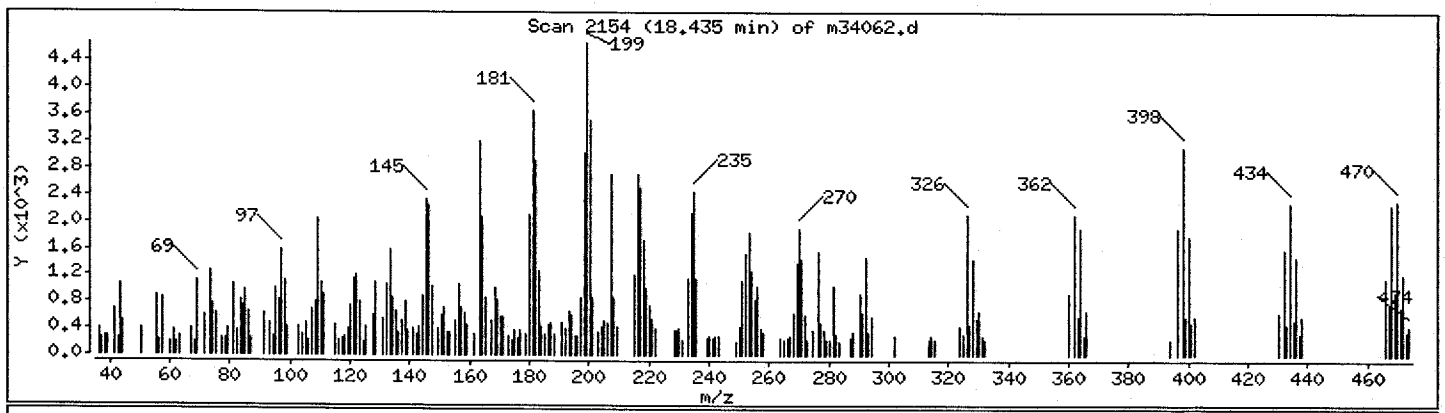
Client ID: 032508-1725 Instrument: BNAMS6.i

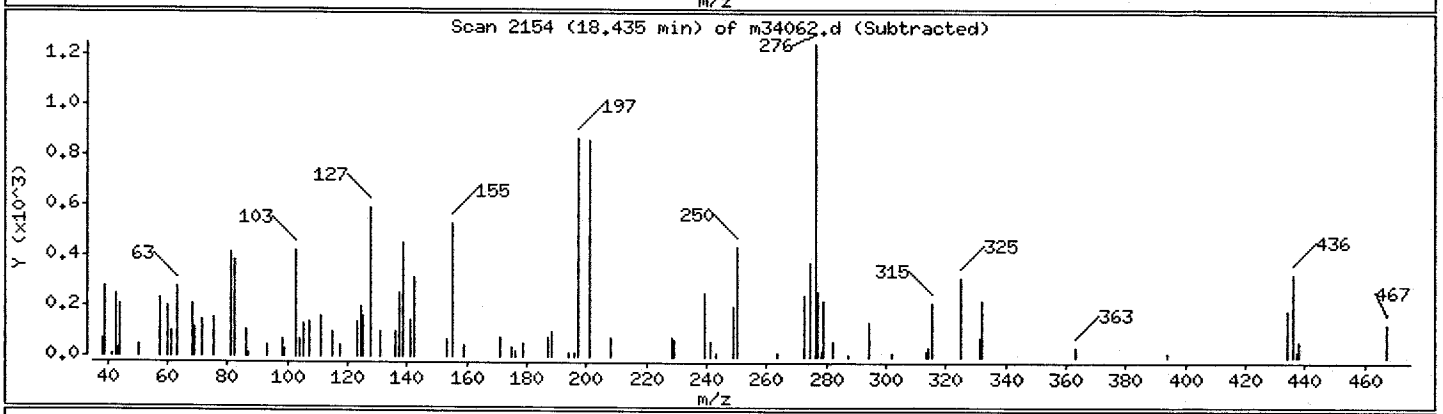
Sample Info: 908692;4225892

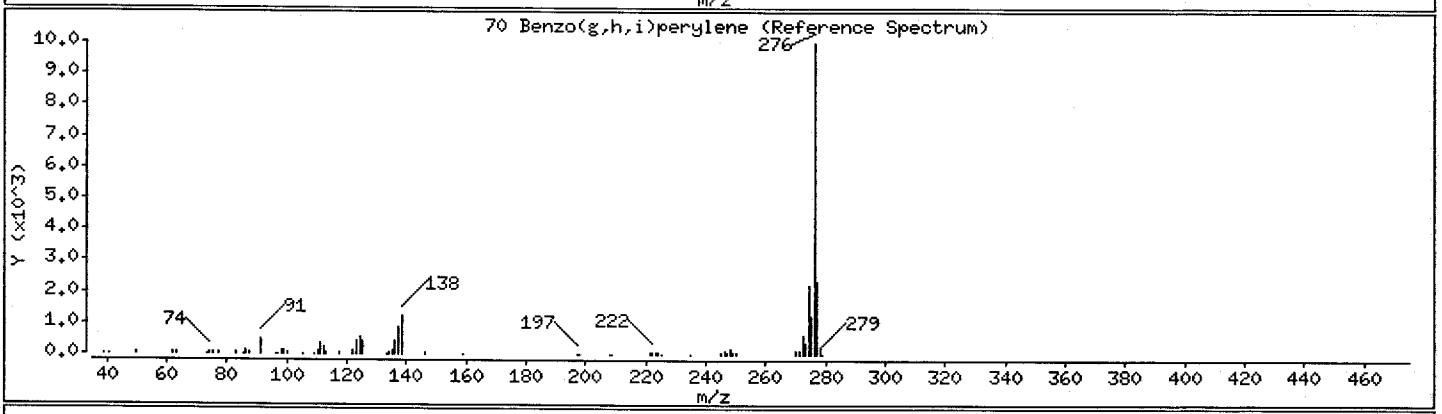
Operator: BNAMS 4

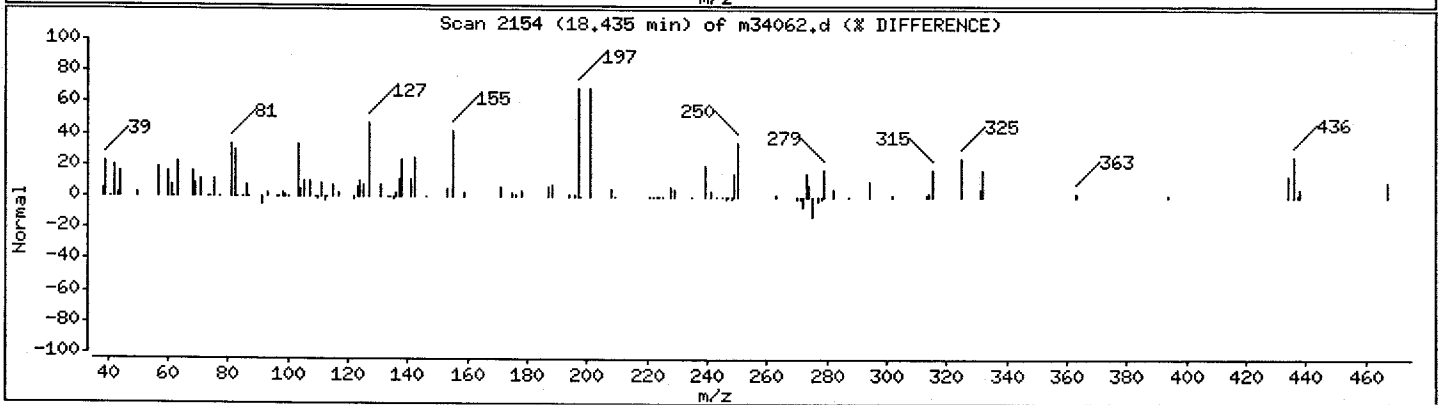
Column phase: DB-5 Column diameter: 0.25

70 Benzo(g,h,i)perylene Concentration: 50 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

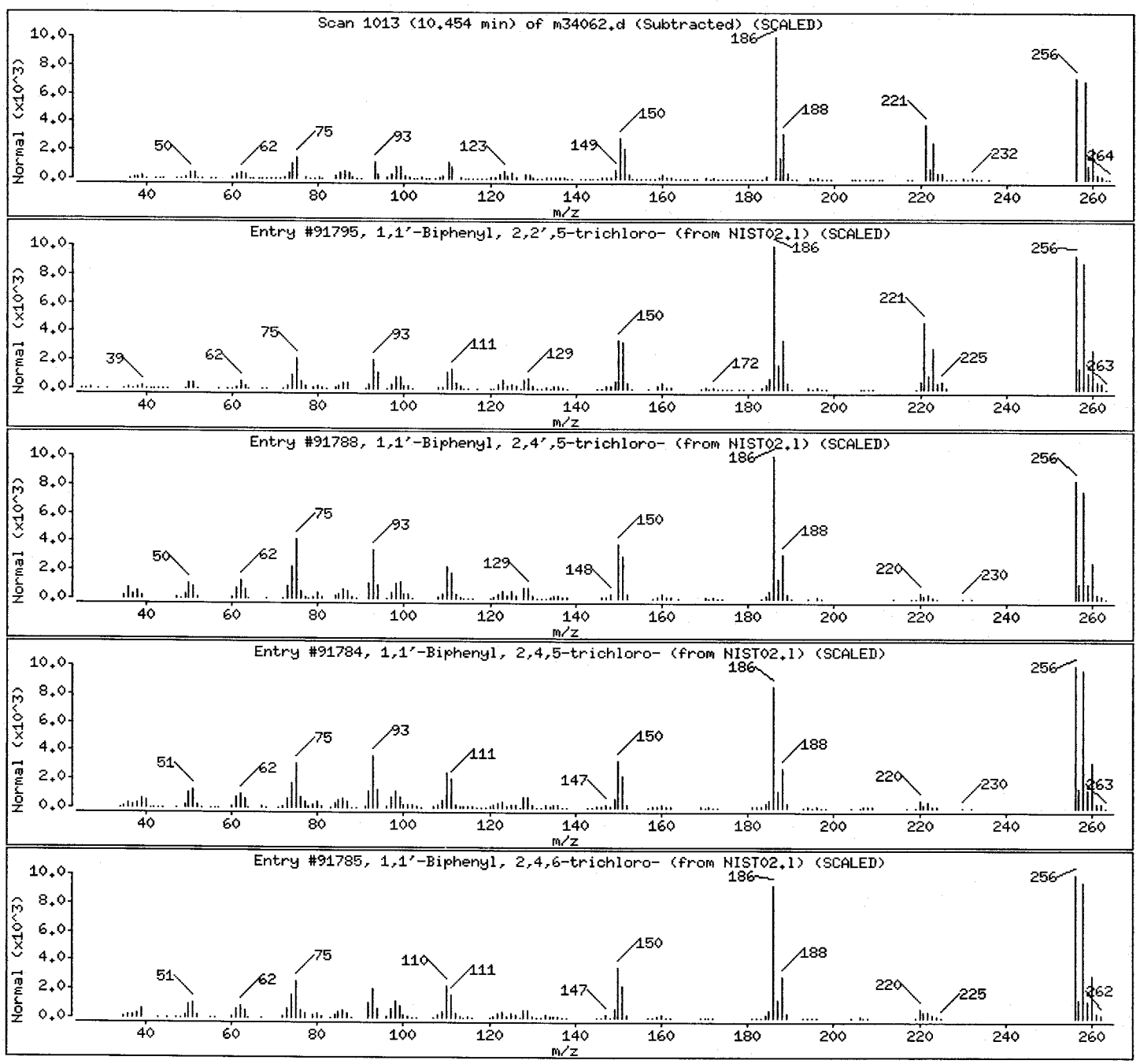
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.l	91795	98	C12H7C13	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	97	C12H7C13	256
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	95	C12H7C13	256
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	95	C12H7C13	256



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

Client ID: 032508-1725

Instrument: BNAMS6.i

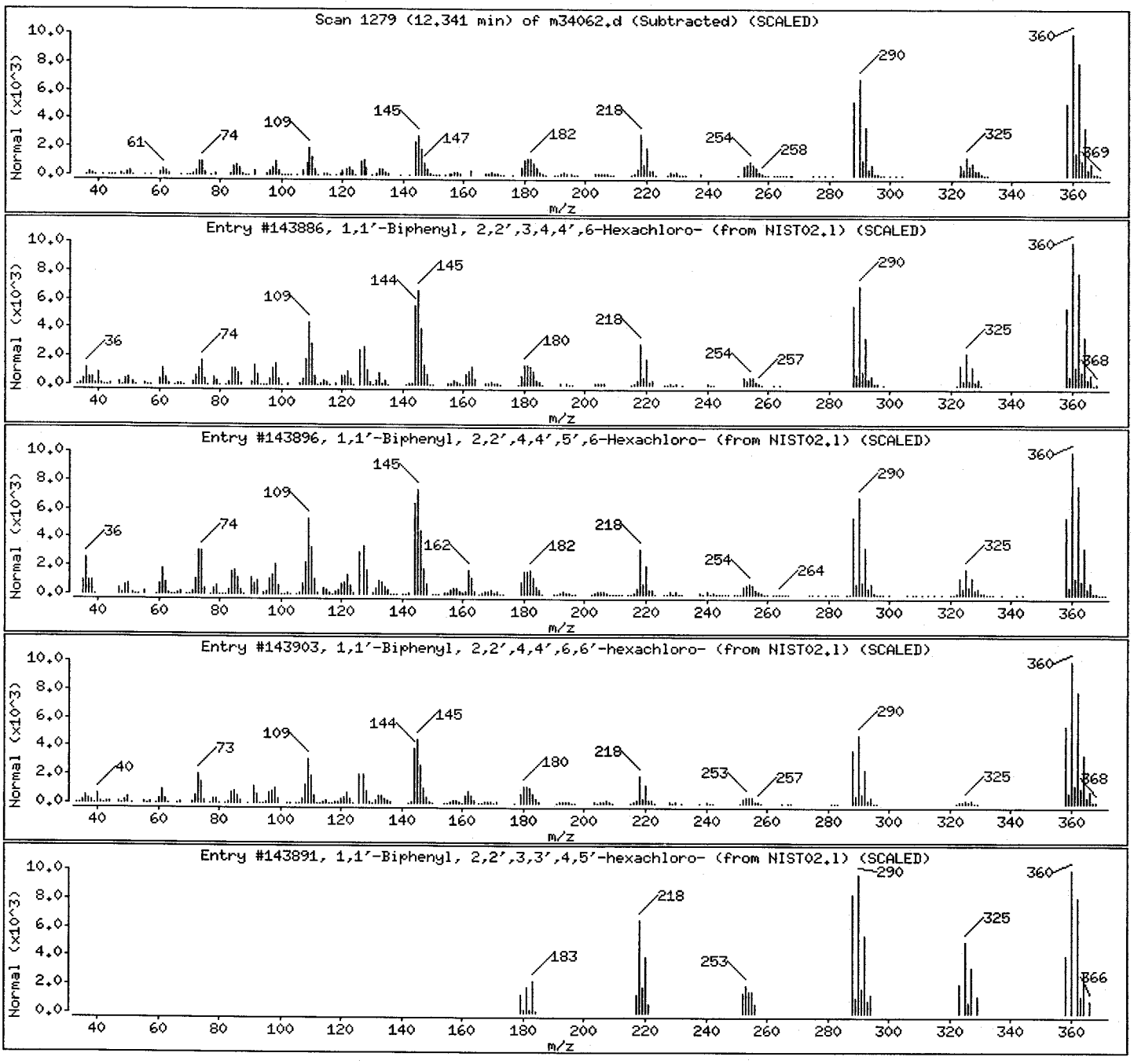
Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',6-Hexachloro-	56030-56-9	NIST02.l	143886	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5',6-Hexachloro	60145-22-4	NIST02.l	143896	95	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	33979-03-2	NIST02.l	143903	95	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,5'-hexachloro	52663-66-8	NIST02.l	143891	94	C12H4Cl6	358



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

Client ID: 032508-1725

Instrument: BNAMS6.i

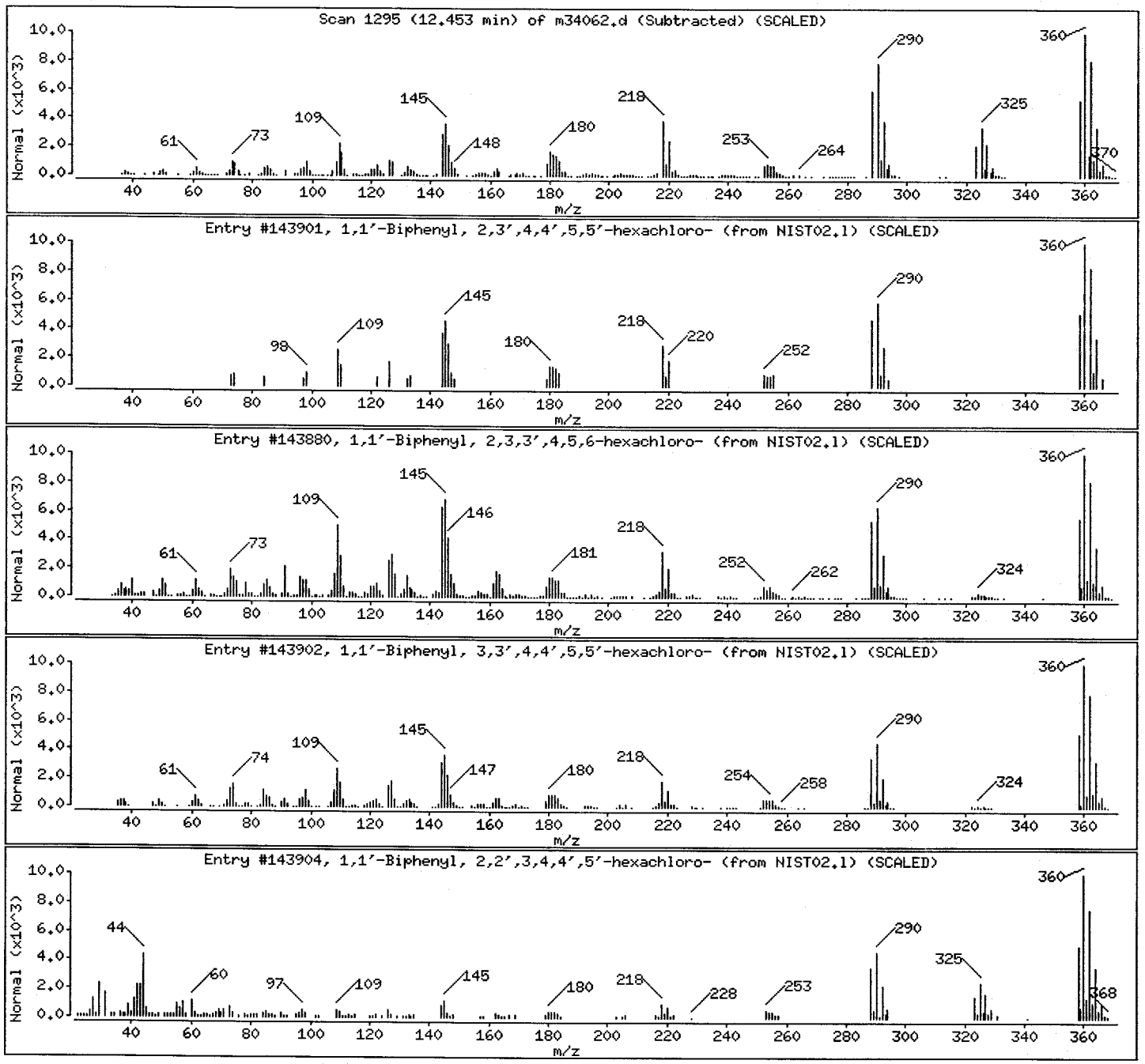
Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3',4,4',5,5'-hexachloro	52663-72-6	NIST02.l	143901	99	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,5,6-hexachloro-	41411-62-5	NIST02.l	143880	99	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	98	C12H4Cl6	358



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

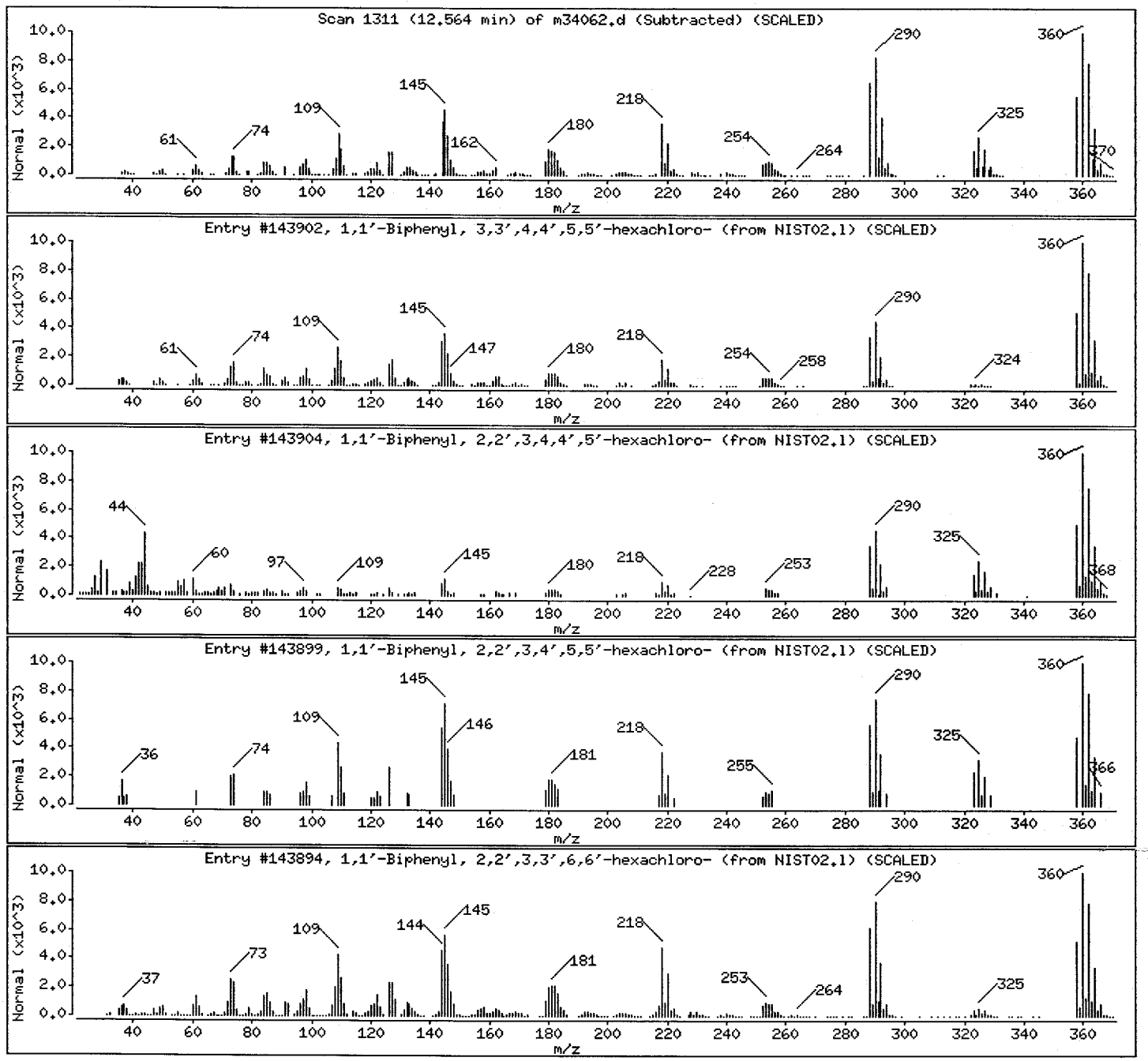
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4',5,5'-hexachloro	51908-16-8	NIST02.l	143899	98	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',6,6'-hexachloro	38411-22-2	NIST02.l	143894	93	C12H4Cl6	358



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

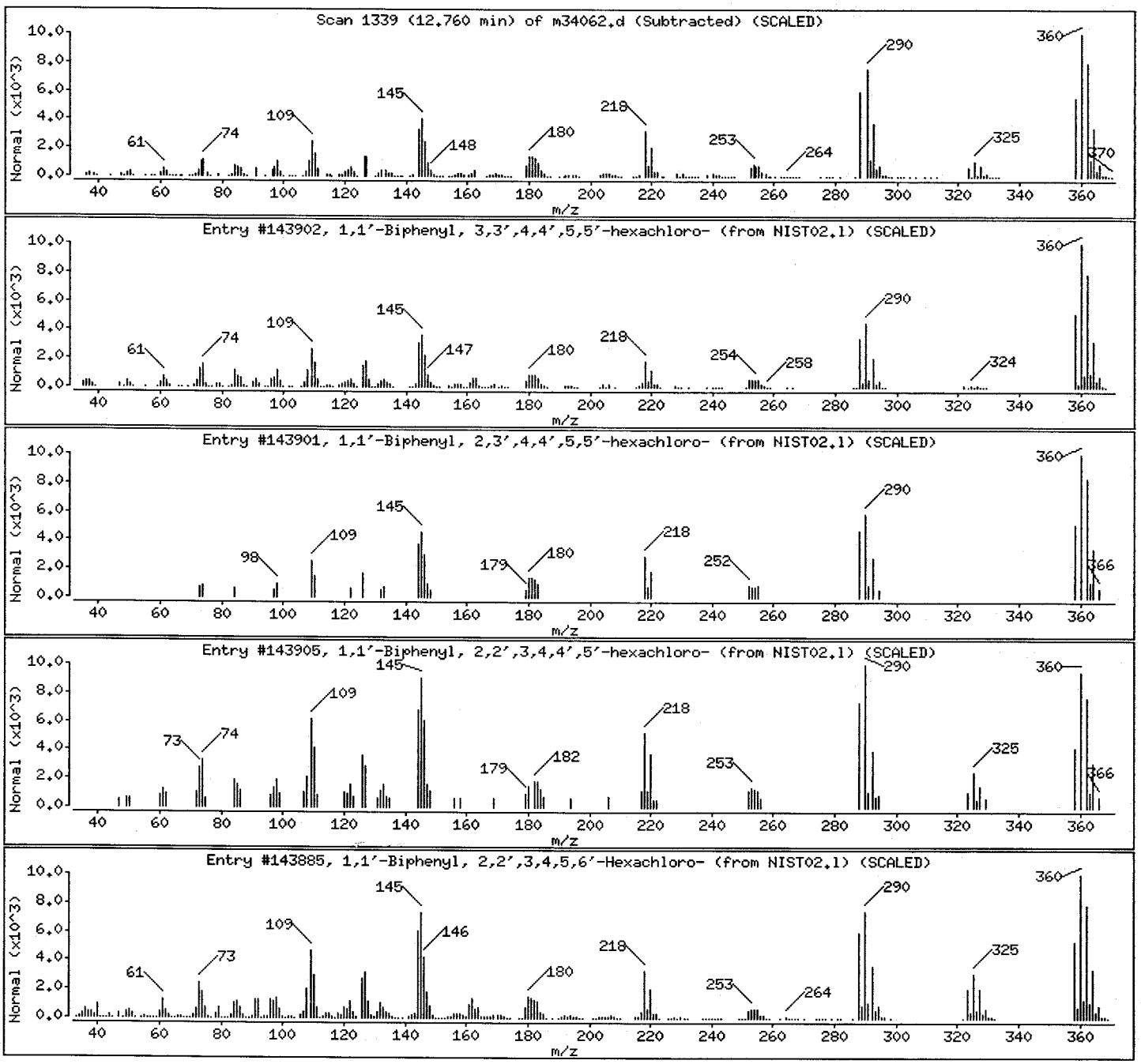
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	99	C12H4C16	358
1,1'-Biphenyl, 2,3',4,4',5,5'-hexachloro	52663-72-6	NIST02.l	143901	98	C12H4C16	358
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143905	94	C12H4C16	358
1,1'-Biphenyl, 2,2',3,4,5,6'-Hexachloro-	68194-15-0	NIST02.l	143885	94	C12H4C16	358



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

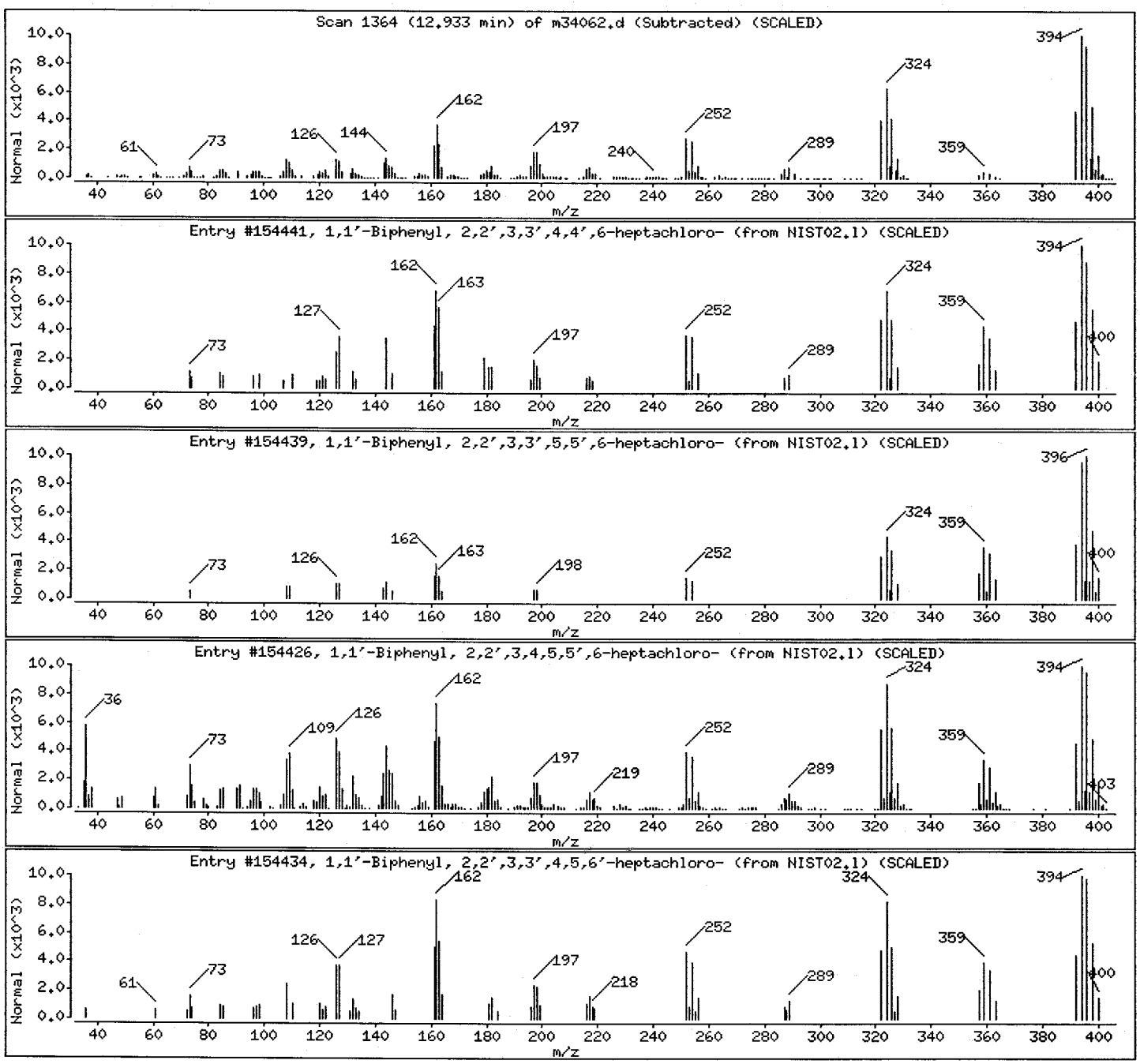
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',6-heptachl	52663-71-5	NIST02.l	154441	96	C12H3C17	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	94	C12H3C17	392
1,1'-Biphenyl, 2,2',3,4,5,5',6-heptachlo	52712-05-7	NIST02.l	154426	94	C12H3C17	392
1,1'-Biphenyl, 2,2',3,3',4,5,6'-heptachl	38411-25-5	NIST02.l	154434	94	C12H3C17	392



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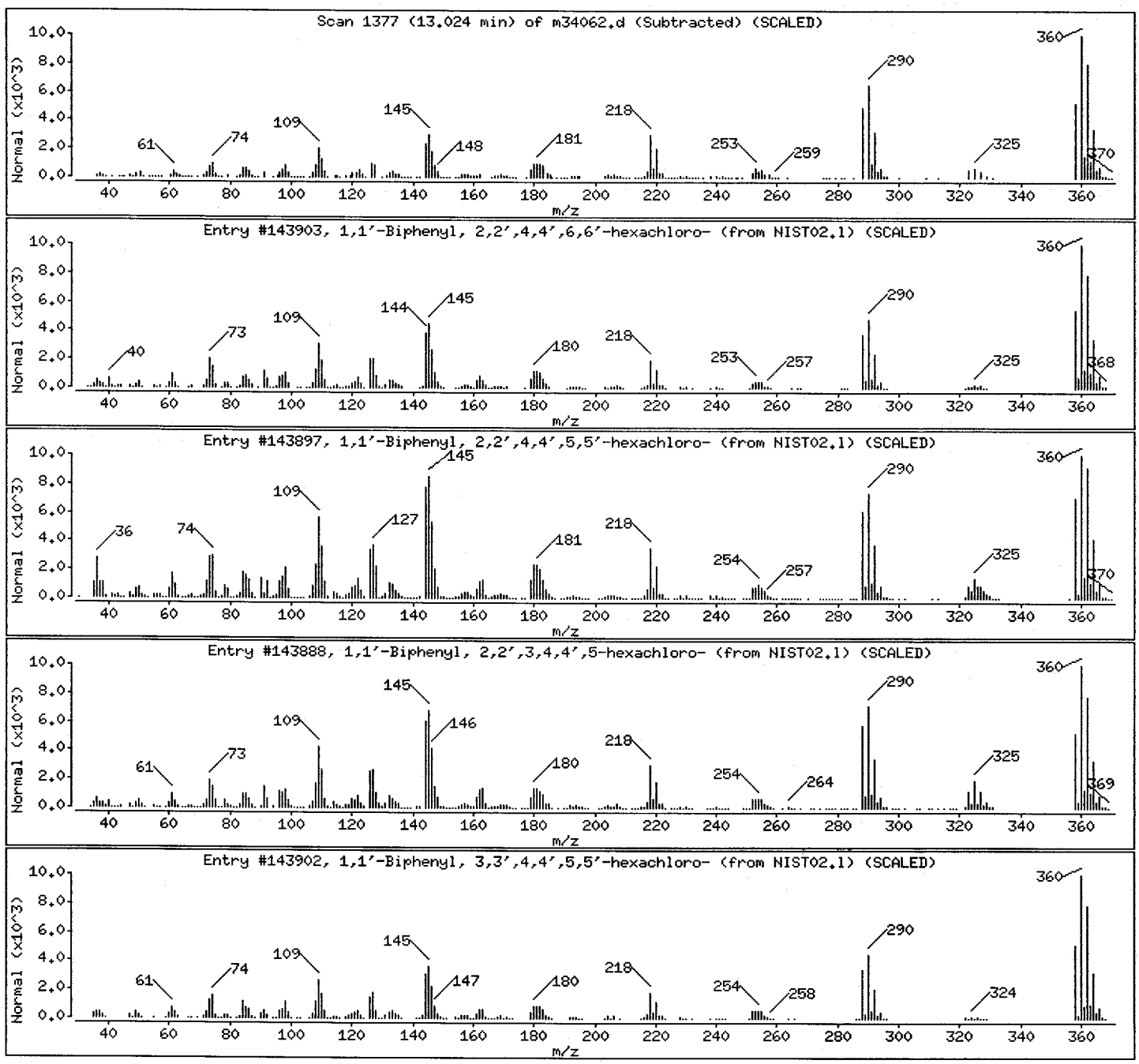
Date : 07-APR-2008 20:07

Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	33979-03-2	NIST02.l	143903	97	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	35065-27-1	NIST02.l	143897	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5-hexachloro-	35694-06-5	NIST02.l	143888	95	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	95	C12H4Cl6	358



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Date : 07-APR-2008 20:07

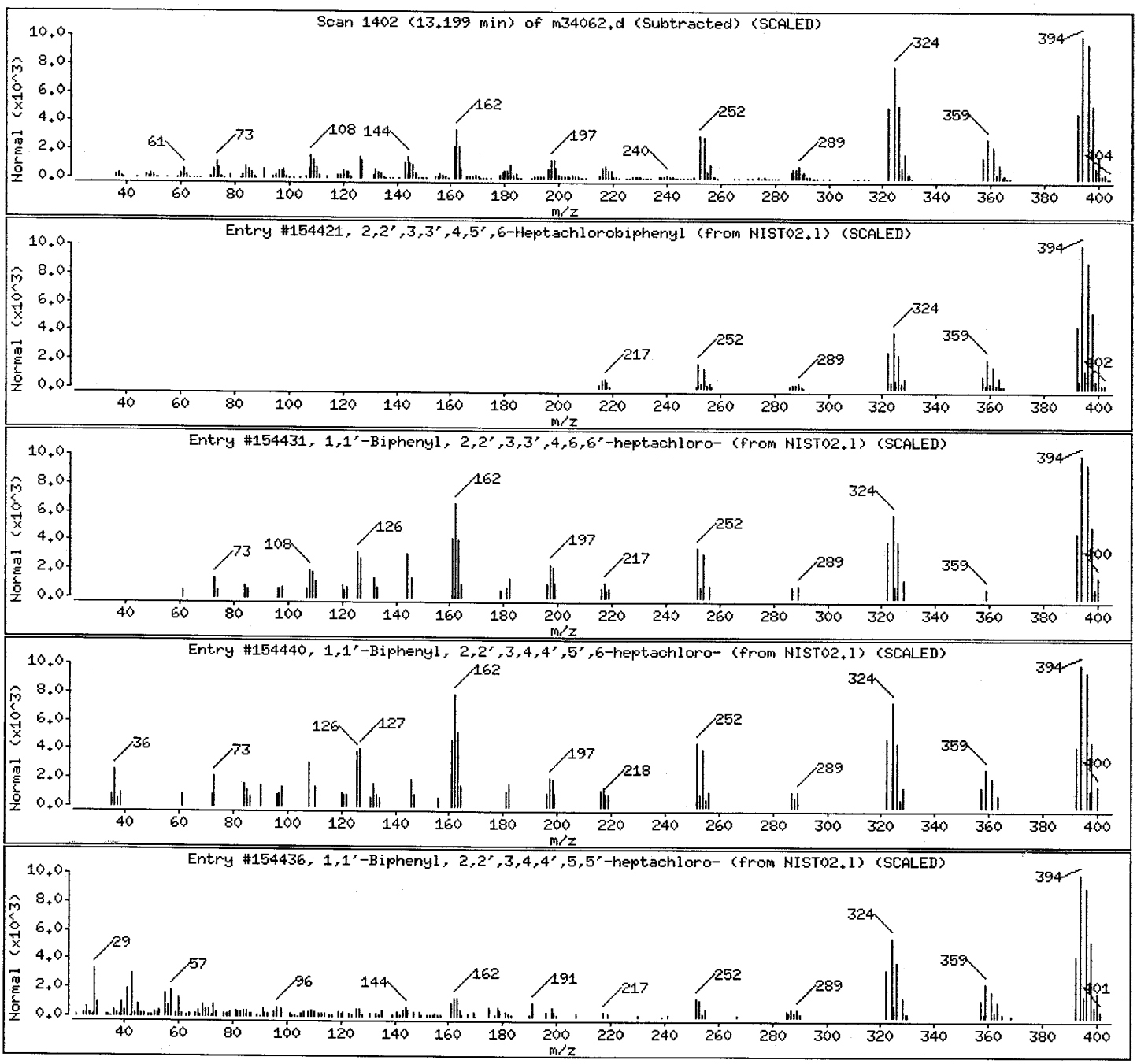
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692:4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	97	C12H3C17	392
1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	52663-65-7	NIST02.l	154431	97	C12H3C17	392
1,1'-Biphenyl, 2,2',3,4,4',5',6-heptachl	52663-69-1	NIST02.l	154440	96	C12H3C17	392
1,1'-Biphenyl, 2,2',3,4,4',5,5'-heptachl	35065-29-3	NIST02.l	154436	95	C12H3C17	392



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

Client ID: 032508-1725

Instrument: BNAMS6.i

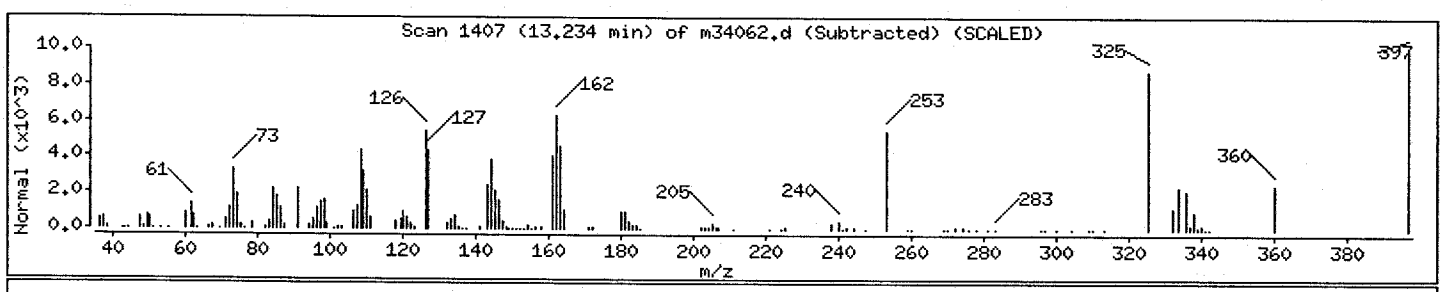
Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

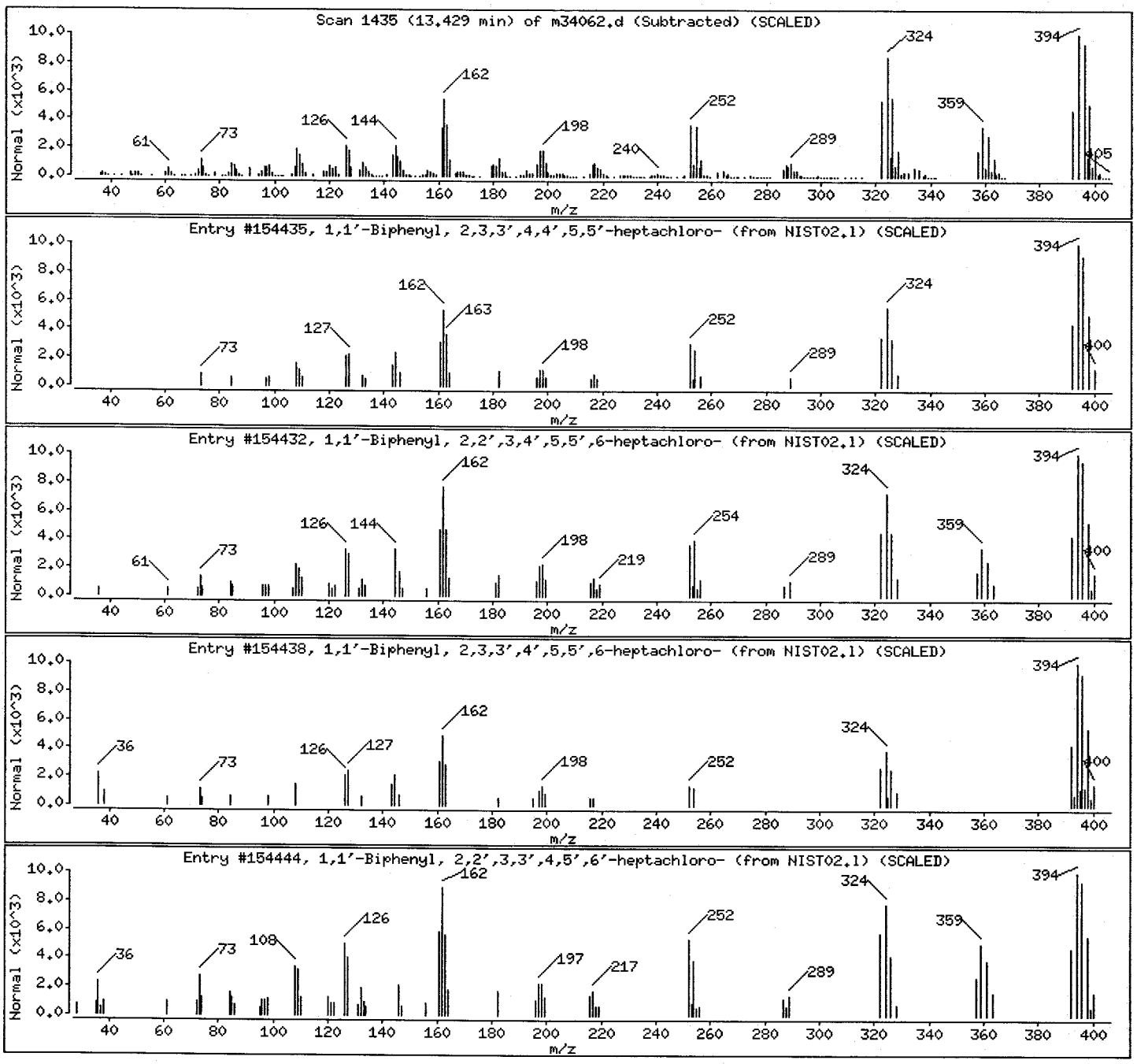
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3C17	392
1,1'-Biphenyl, 2,2',3,4',5,5',6-heptachl	52663-68-0	NIST02.l	154432	99	C12H3C17	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	99	C12H3C17	392
1,1'-Biphenyl, 2,2',3,3',4,5',6'-heptach	52663-70-4	NIST02.l	154444	99	C12H3C17	392



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

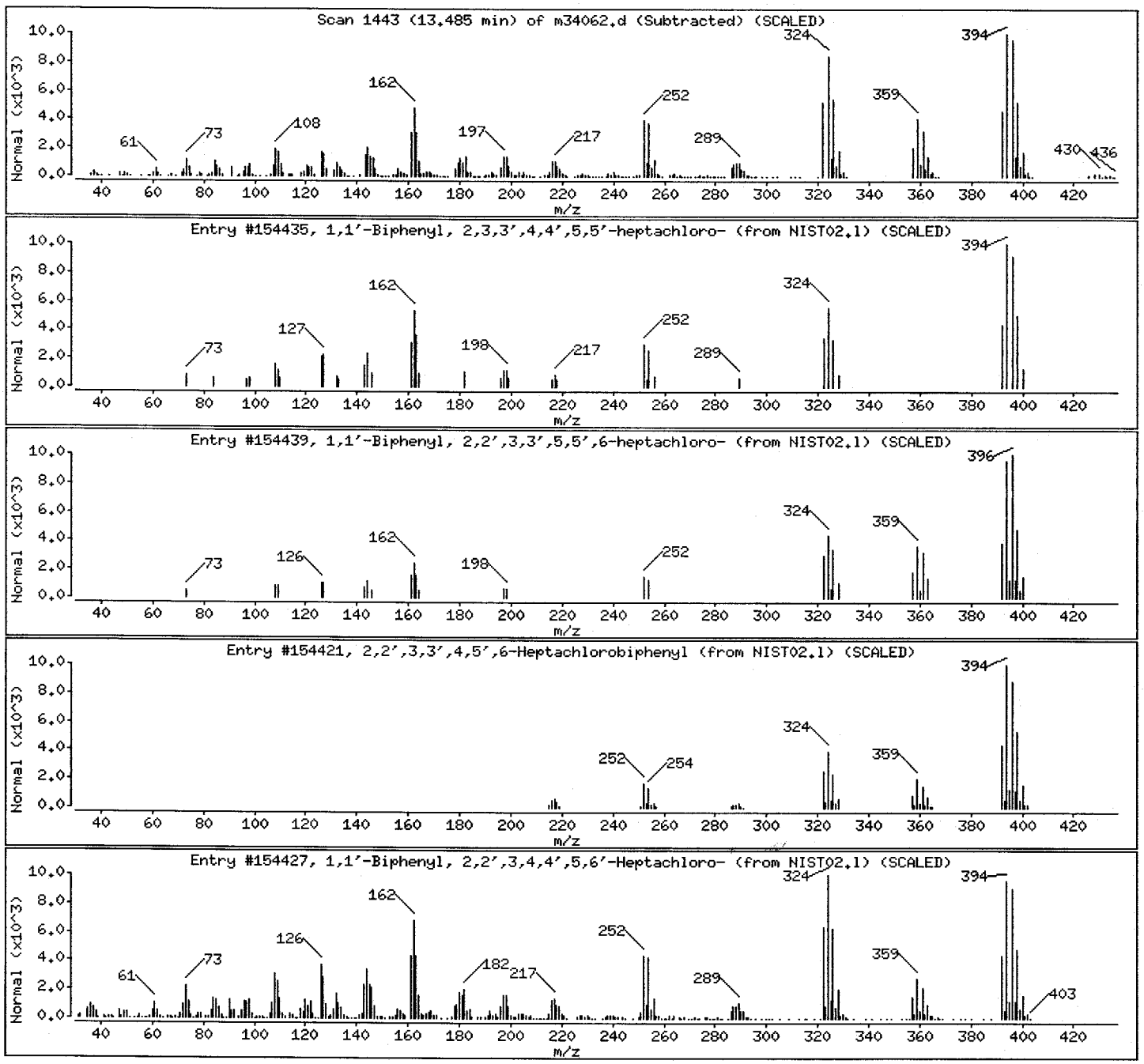
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	98	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	95	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,6'-Heptachl	60145-23-5	NIST02.l	154427	93	C12H3Cl7	392



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Date : 07-APR-2008 20:07

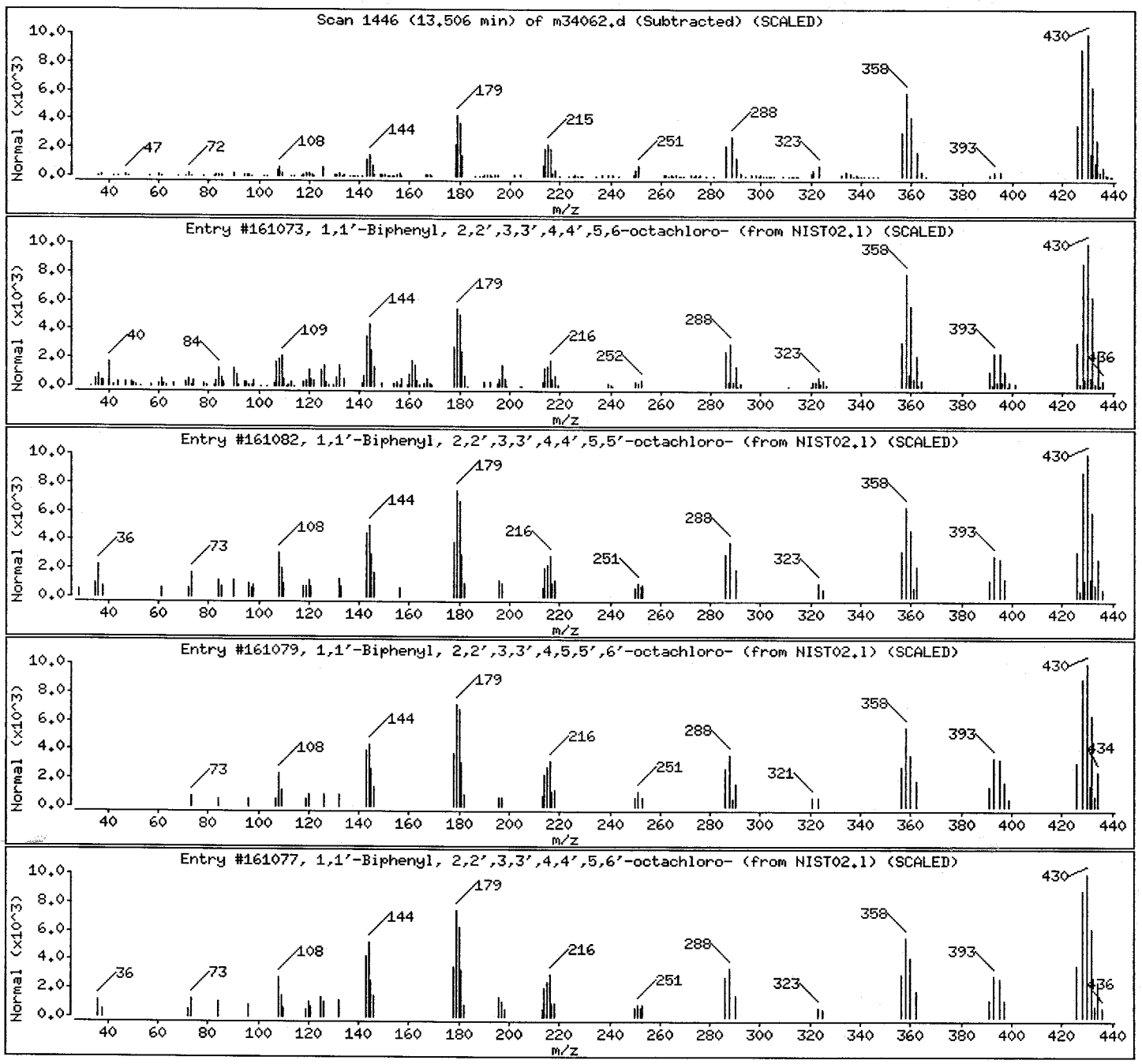
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	97	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	89	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	87	C12H2Cl8	426



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Date : 07-APR-2008 20:07

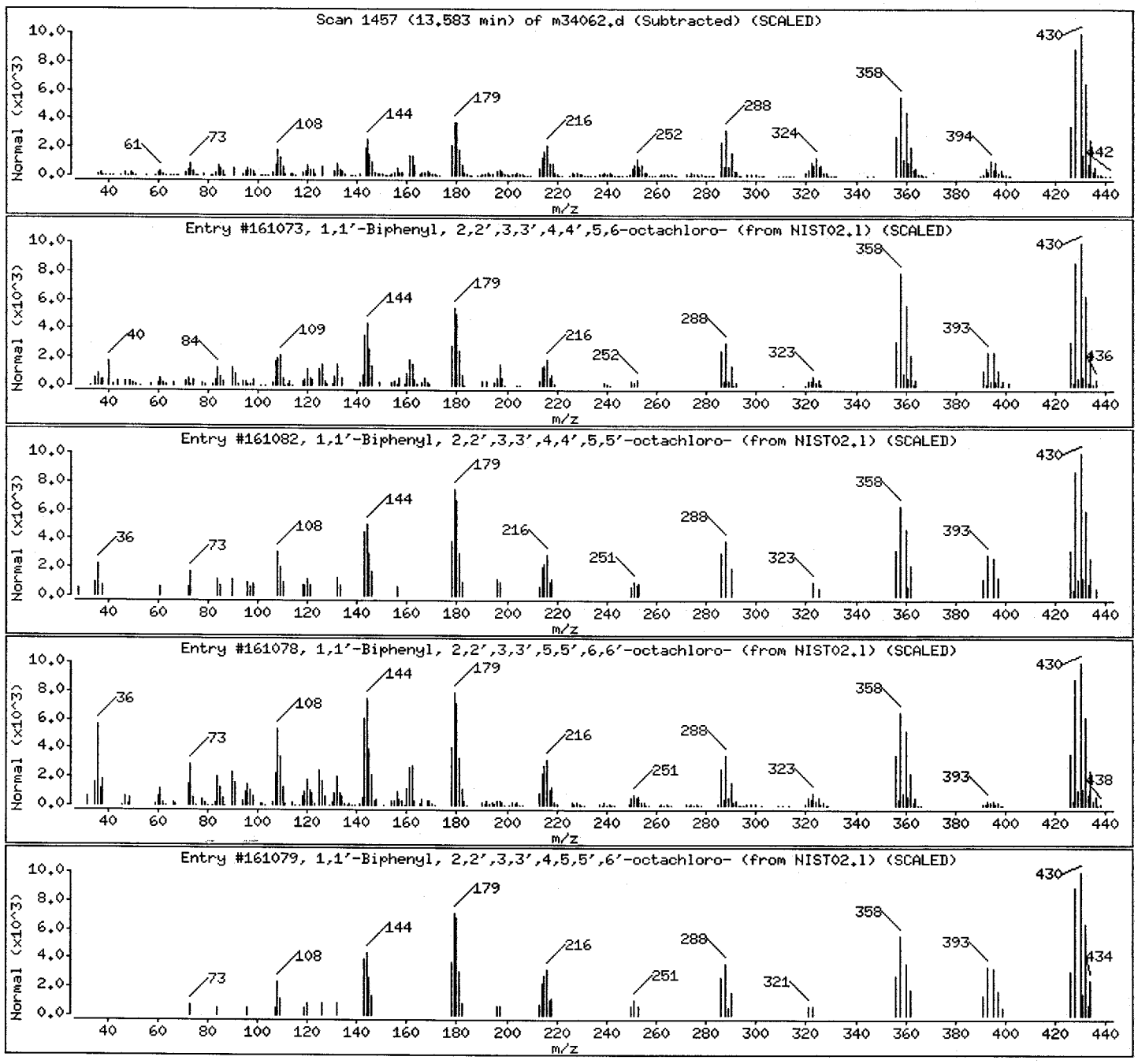
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	93	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	91	C12H2Cl8	426



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Date : 07-APR-2008 20:07

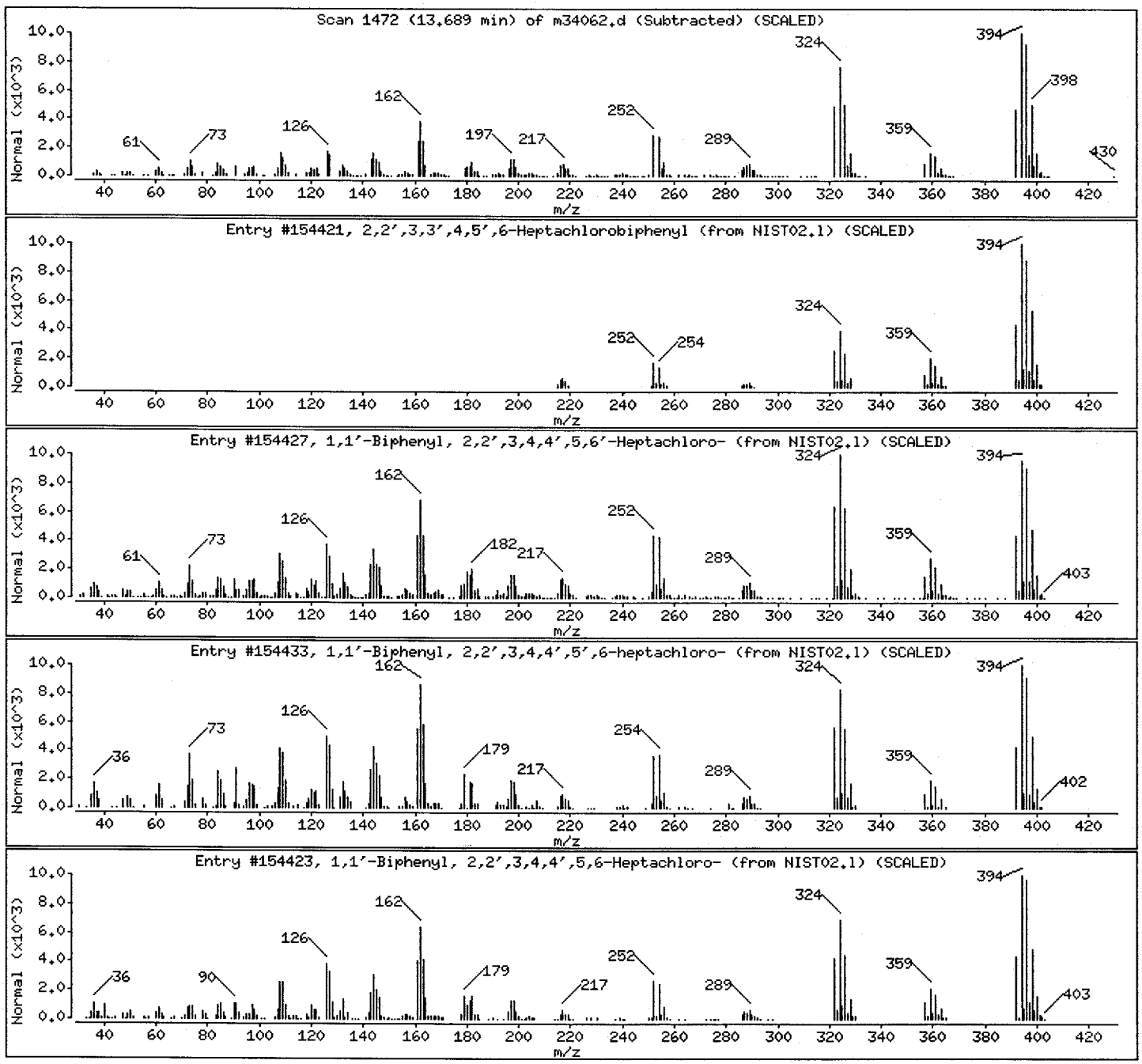
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,6'-Heptachl	60145-23-5	NIST02.l	154427	93	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5',6-heptachl	52663-69-1	NIST02.l	154433	93	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,6-Heptachlo	74472-47-2	NIST02.l	154423	92	C12H3Cl7	392



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Date : 07-APR-2008 20:07

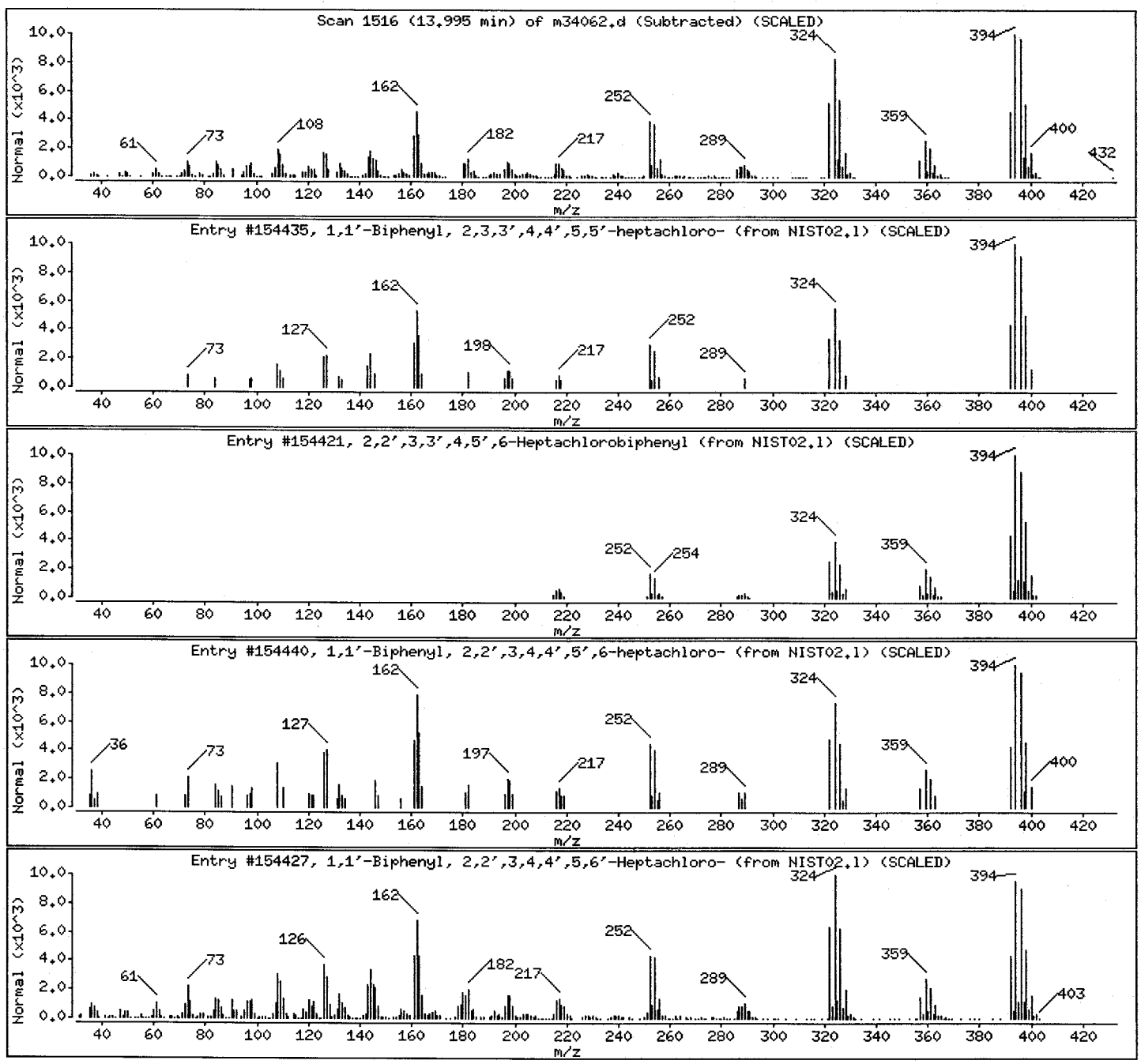
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5',6-heptachl	52663-69-1	NIST02.l	154440	96	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,6'-Heptachl	60145-23-5	NIST02.l	154427	93	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

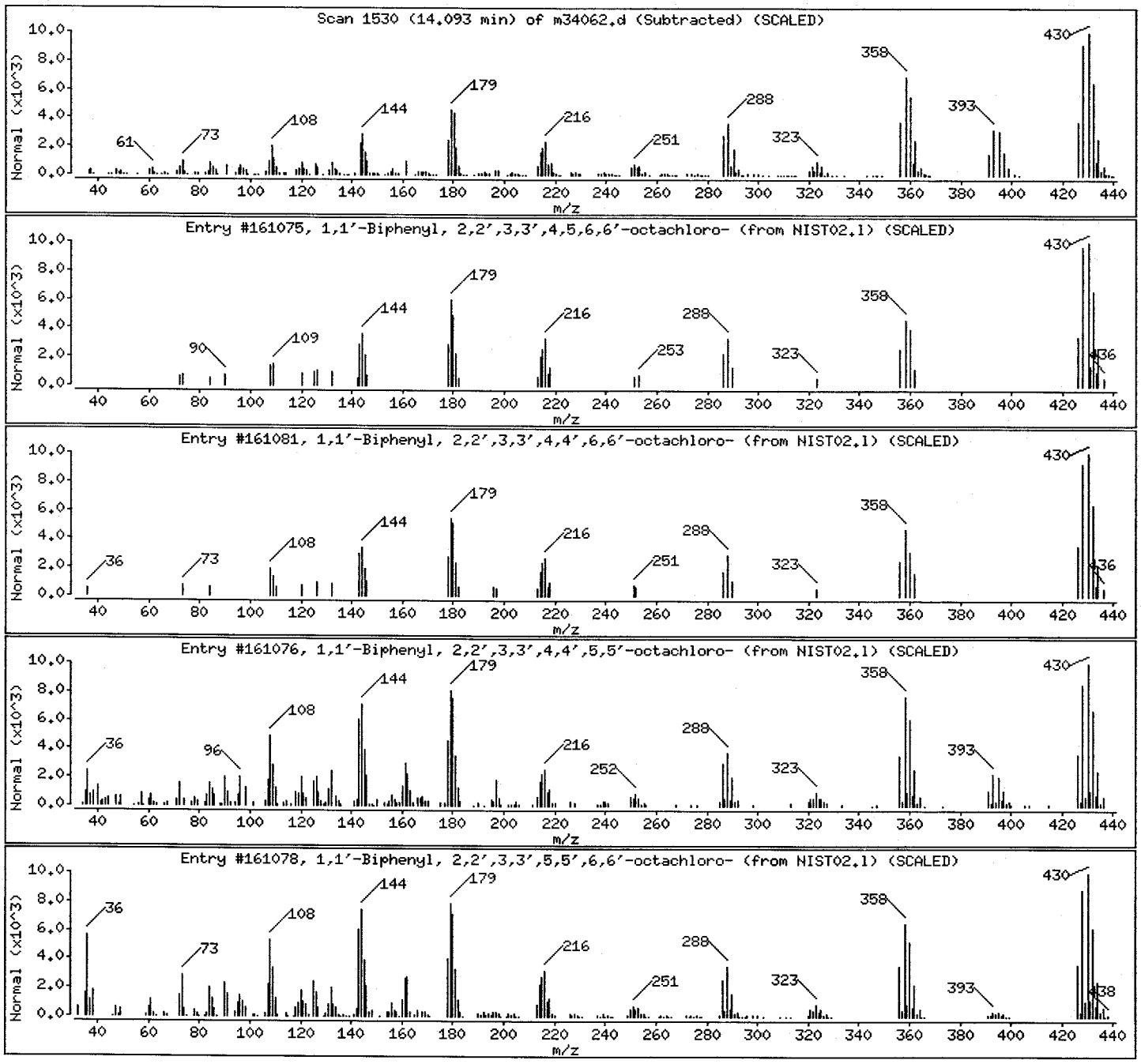
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	98	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	98	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161076	94	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	93	C12H2C18	426



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

Client ID: 032508-1725

Instrument: BNAMS6.i

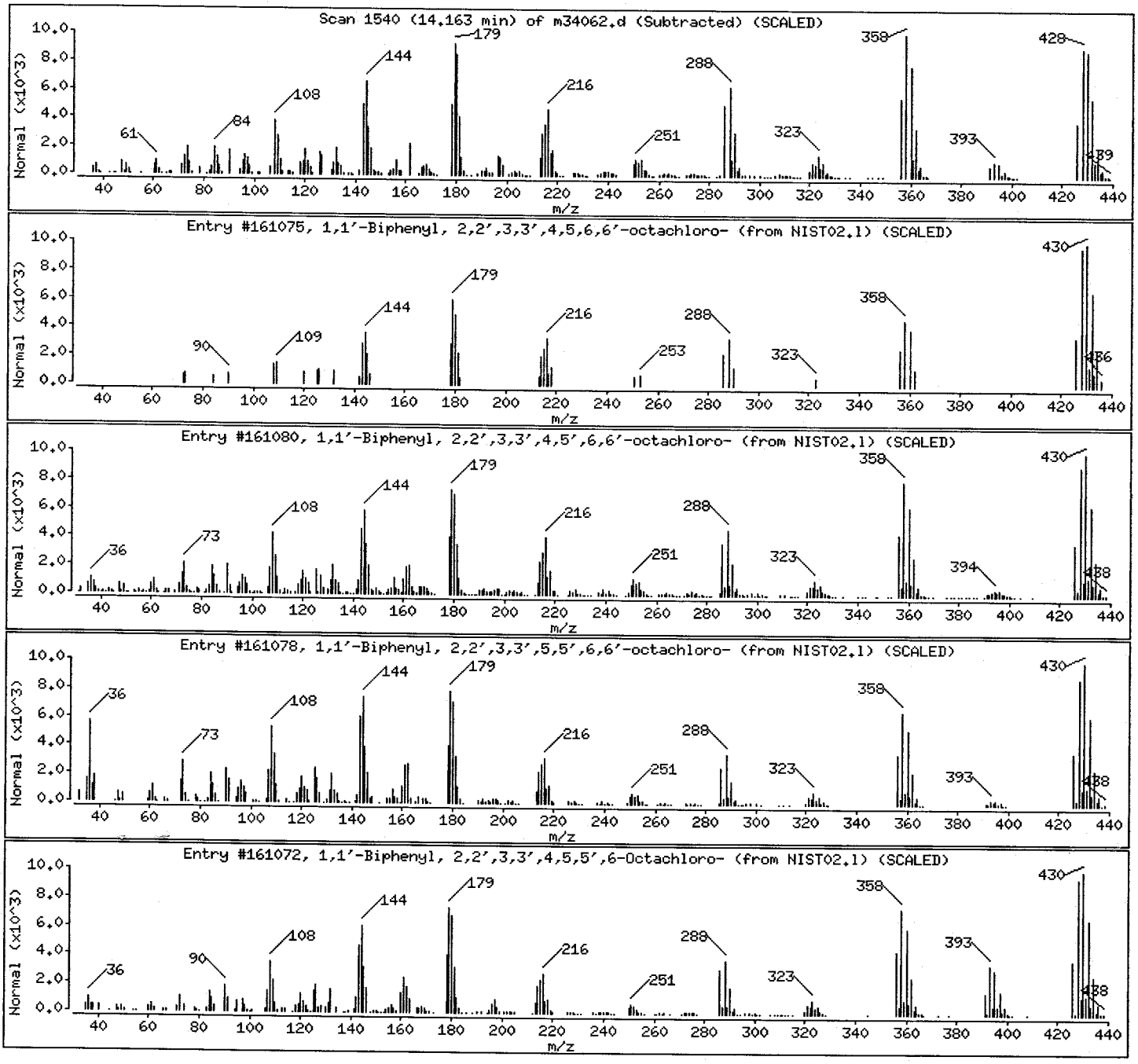
Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	89	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6-Octach	68194-17-2	NIST02.l	161072	89	C12H2C18	426



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

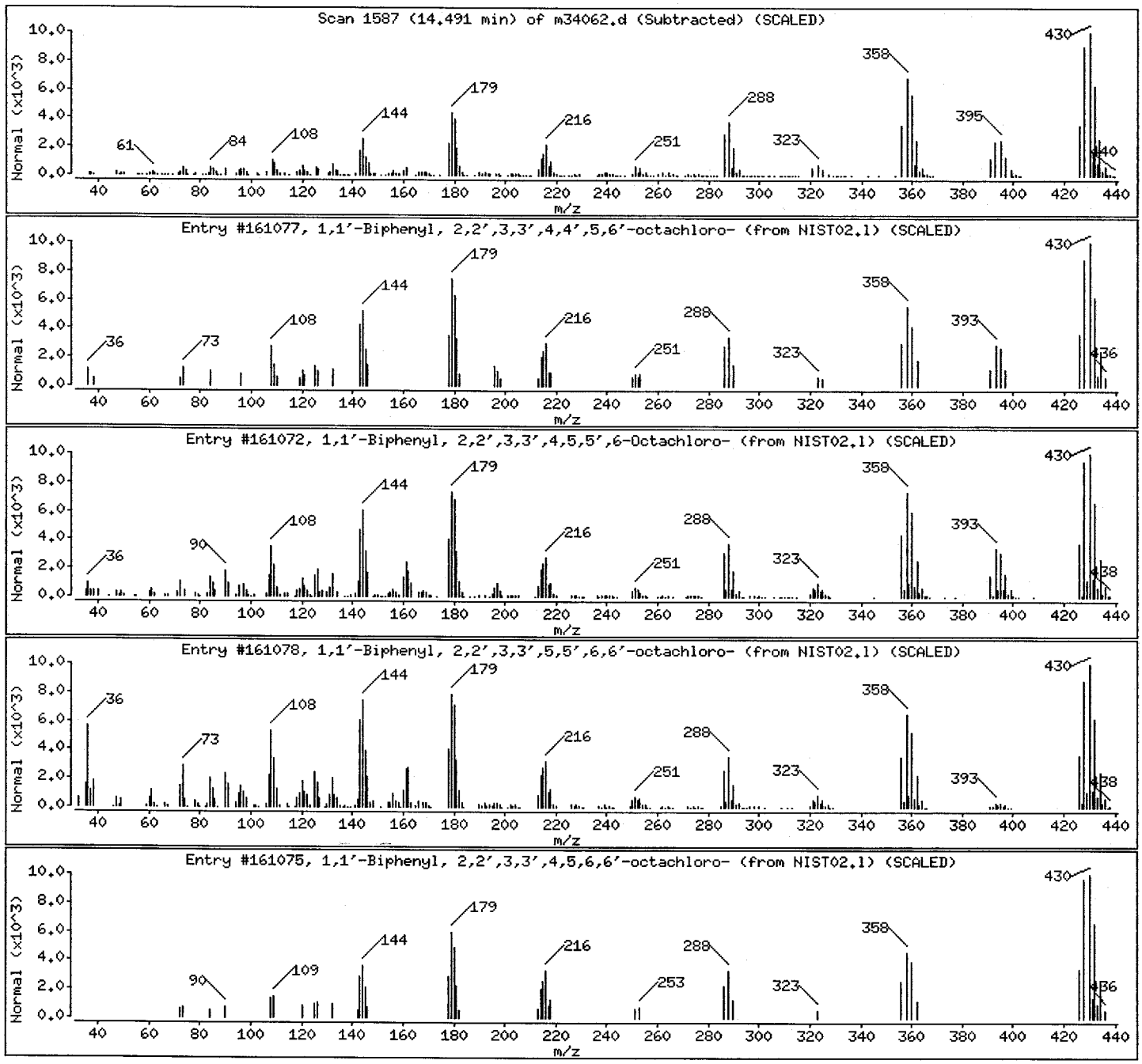
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	96	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6-Octach	68194-17-2	NIST02.l	161072	91	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	91	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	83	C12H2C18	426



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

Client ID: 032508-1725

Instrument: BNAMS6.i

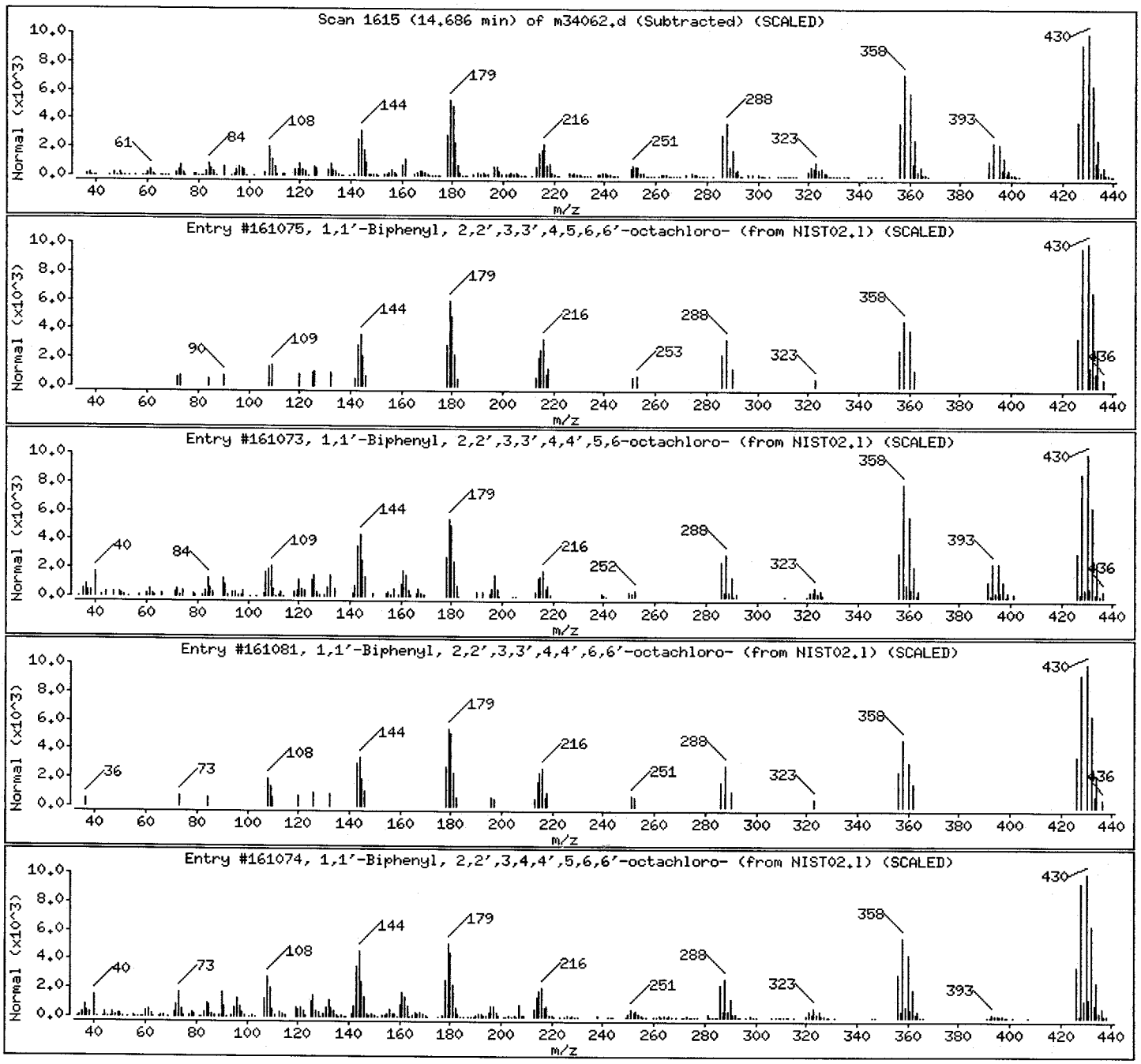
Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	96	C12H2C18	426
1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-octach	74472-52-9	NIST02.l	161074	95	C12H2C18	426



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34062.d

Date : 07-APR-2008 20:07

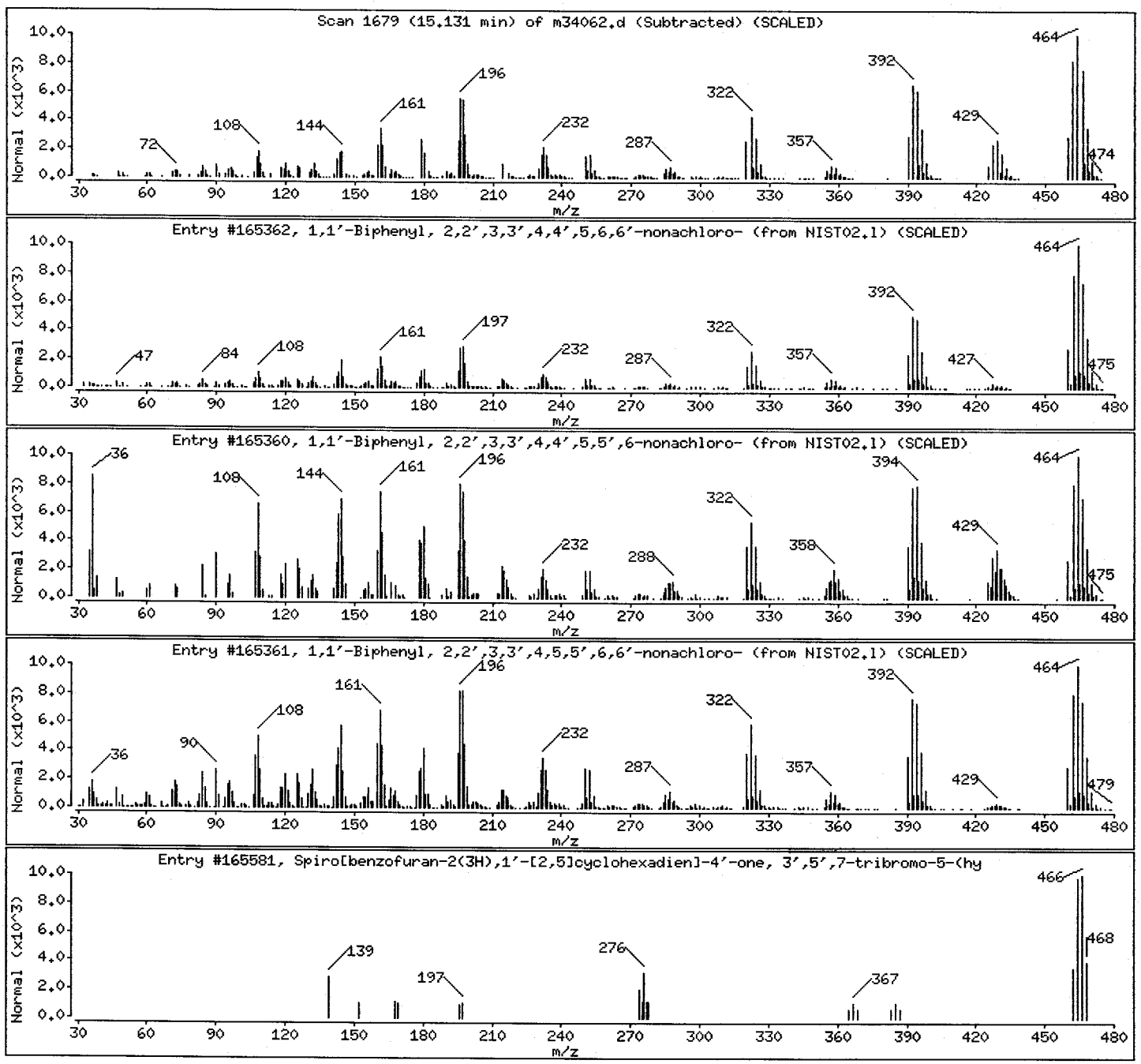
Client ID: 032508-1725 Instrument: BNAMS6.i

Sample Info: 908692;4225892

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Nonylchloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6,6'-non	52663-79-3	NIST02.l	165362	99	C12HCl9	460
1,1'-Biphenyl, 2,2',3,3',4,4',5,5',6-non	40186-72-9	NIST02.l	165360	74	C12HCl9	460
1,1'-Biphenyl, 2,2',3,3',4,5,5',6,6'-non	52663-77-1	NIST02.l	165361	49	C12HCl9	460
Spiro[benzofuran-2(3H),1'-[2,5]cyclohexa	52498-93-8	NIST02.l	165581	35	C14H9Br3O3	462



Client ID: **032508-1730**
Site: BP Hastings

Lab Sample No: **908693**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34063.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 35

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	1000
2-Chlorophenol	ND	1000
2-Methylphenol	ND	1000
4-Methylphenol	ND	1000
2-Nitrophenol	ND	1000
2,4-Dimethylphenol	ND	1000
2,4-Dichlorophenol	ND	1000
4-Chloro-3-methylphenol	ND	1000
2,4,6-Trichlorophenol	ND	1000
2,4,5-Trichlorophenol	ND	1000
2,4-Dinitrophenol	ND	3100
4-Nitrophenol	ND	3100
4,6-Dinitro-2-methylphenol	ND	3100
Pentachlorophenol	ND	3100

Client ID: **032508-1730**
Site: BP Hastings

Lab Sample No: **908693**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34063.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 35

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	100
1,3-Dichlorobenzene	ND	1000
1,4-Dichlorobenzene	ND	1000
1,2-Dichlorobenzene	ND	1000
bis(2-chloroisopropyl)ether	ND	1000
N-Nitroso-di-n-propylamine	ND	100
Hexachloroethane	ND	100
Nitrobenzene	ND	100
Isophorone	ND	1000
bis(2-Chloroethoxy)methane	ND	1000
1,2,4-Trichlorobenzene	ND	100
Naphthalene	29 J	1000
4-Chloroaniline	ND	1000
Hexachlorobutadiene	ND	200
2-Methylnaphthalene	ND	1000
Hexachlorocyclopentadiene	ND	1000
2-Chloronaphthalene	260 J	1000
2-Nitroaniline	ND	2000
Dimethylphthalate	ND	1000
Acenaphthylene	ND	1000
2,6-Dinitrotoluene	ND	200
3-Nitroaniline	ND	2000
Acenaphthene	75 J	1000
Dibenzofuran	ND	1000
2,4-Dinitrotoluene	ND	200
Diethylphthalate	ND	1000
4-Chlorophenyl-phenylether	ND	1000
Fluorene	ND	1000
4-Nitroaniline	ND	2000
N-Nitrosodiphenylamine	ND	1000
4-Bromophenyl-phenylether	ND	1000
Hexachlorobenzene	ND	100
Phenanthrene	67 J	1000
Anthracene	ND	1000

Client ID: **032508-1730**
Site: BP Hastings

Lab Sample No: **908693**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34063.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 35

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	1000
Di-n-butylphthalate	ND	1000
Fluoranthene	120 J	1000
Pyrene	130 J	1000
Butylbenzylphthalate	ND	1000
3,3'-Dichlorobenzidine	ND	2000
Benzo(a)anthracene	ND	100
Chrysene	ND	1000
bis(2-Ethylhexyl)phthalate	410 J	1000
Di-n-octylphthalate	ND	1000
Benzo(b)fluoranthene	ND	100
Benzo(k)fluoranthene	ND	100
Benzo(a)pyrene	110	100
Indeno(1,2,3-cd)pyrene	ND	100
Dibenz(a,h)anthracene	ND	100
Benzo(g,h,i)perylene	ND	1000

Client ID: **032508-1730**
Site: BP Hastings

Lab Sample No: **908693**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34063.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 34.7

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Dichloro-1,1-biphenyl isomer	9.87	43000	
2. Trichloro-1,1-biphenyl isomer	10.46	35000	
3. Hexachloro-1,1'-biphenyl isomer	12.34	33000	
4. Hexachloro-1,1'-biphenyl isomer	12.57	48000	
5. Hexachloro-1,1'-biphenyl isomer	12.69	21000	
6. Hexachloro-1,1'-biphenyl isomer	12.78	52000	
7. Heptachloro-1,1'-biphenyl isomer	12.94	33000	
8. Heptachloro-1,1'-biphenyl isomer	13.21	78000	
9. Unknown	13.25	46000	
10. Heptachloro-1,1'-biphenyl isomer	13.44	59000	
11. Heptachloro-1,1'-biphenyl isomer	13.49	35000	
12. Octachloro-1,1'-biphenyl isomer	13.52	58000	
13. Heptachloro-1,1'-biphenyl isomer	13.69	89000	
14. Unknown	13.71	50000	
15. Heptachloro-1,1'-biphenyl isomer	14.00	42000	
16. Octachloro-1,1'-biphenyl isomer	14.09	91000	
17. Octachloro-1,1'-biphenyl isomer	14.17	84000	
18. Octachloro-1,1'-biphenyl isomer	14.50	34000	
19. Octachloro-1,1'-biphenyl isomer	14.70	95000	
20. Nonylchloro-1,1'-biphenyl isomer	15.15	83000	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
TOTAL ESTIMATED CONCENTRATION		1109000	

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34063.d
Report Date: 10-Apr-2008 20:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34063.d
Lab Smp Id: 908693 Client Smp ID: 032508-1730
Inj Date : 07-APR-2008 20:31
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : 908693;4225893
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/8270C_08.m
Meth Date : 08-Apr-2008 11:13 monica Quant Type: ISTD
Cal Date : 02-APR-2008 22:21 Cal File: m33969.d
Als bottle: 12
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50

WB
m

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	34.70000	% Moisture

Cpnd Variable Local Compound Variable

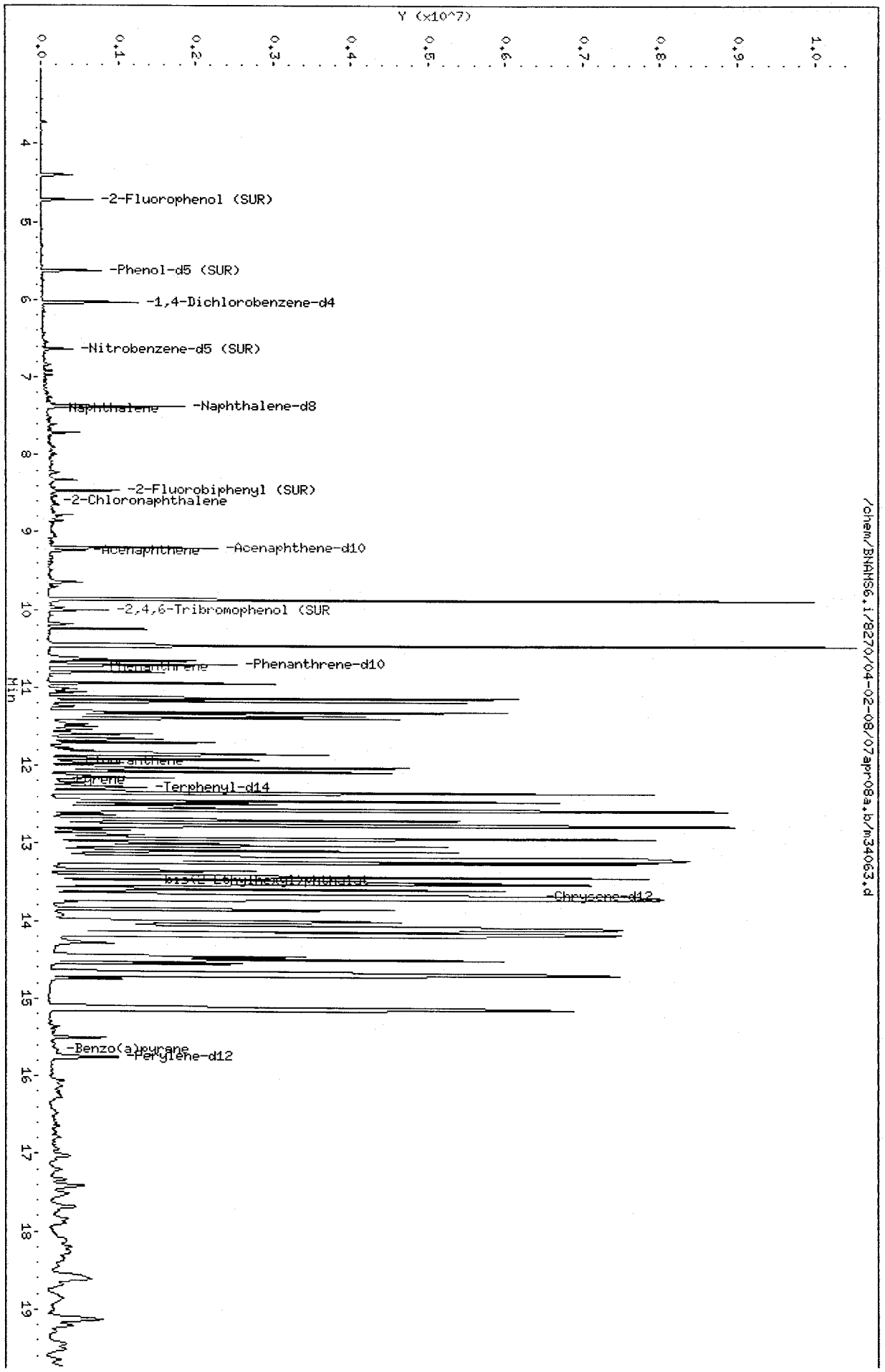
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.724	4.727	(0.782)	221103	33.1574	6800
$ 17 Phenol-d5 (SUR)	99	5.627	5.636	(0.932)	293687	33.1530	6800
* 79 1,4-Dichlorobenzene-d4	152	6.038	6.046	(1.000)	213921	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	6.637	6.650	(0.900)	122049	16.1763	3300
* 80 Naphthalene-d8	136	7.378	7.384	(1.000)	878318	40.0000	
31 Naphthalene	128	7.401	7.406	(1.003)	3135	0.14439	29(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.465	8.472	(0.920)	291273	18.5286	3800
36 2-Chloronaphthalene	162	8.604	8.614	(0.935)	17459	1.29463	260(a)
* 82 Acenaphthene-d10	164	9.202	9.202	(1.000)	530338	40.0000	
42 Acenaphthene	154	9.238	9.239	(1.004)	5345	0.36730	75(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	10.013	10.016	(1.088)	100928	31.5518	6400
* 83 Phenanthrene-d10	188	10.706	10.708	(1.000)	943231	40.0000	
52 Phenanthrene	178	10.727	10.731	(1.002)	9304	0.32633	67(a)
56 Fluoranthene	202	11.945	11.948	(1.116)	17135	0.60917	120(a)

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34063.d
Report Date: 10-Apr-2008 20:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	57 Pyrene	202	12.196	12.193	(0.893)	17284	0.64625	130(a)
$	78 Terphenyl-d14	244	12.288	12.282	(0.900)	379100	18.6999	3800
	63 bis(2-Ethylhexyl)phthalate	149	13.471	13.442	(0.986)	48570	2.00030	410(a)
*	81 Chrysene-d12	240	13.660	13.629	(1.000)	968104	40.0000	
	67 Benzo(a)pyrene	252	15.659	15.661	(0.994)	7876	0.54363	110
*	84 Perylene-d12	264	15.757	15.756	(1.000)	511493	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).


Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34063.d
Date : 07-APR-2008 20:31
Client ID: 032508-1730
Sample Info: 908693;4225893
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34063.d
Y (x10^7)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
Naphthalene
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)
-2-Chloronaphthalene
Acenaphthene
-Acenaphthene-d10
-2,4,6-Tribromophenol (SUR
Phenanthrene
-Phenanthrene-d10
Fluoranthene
Pyrene
-Terphenyl-d14
bis(2-Ethylhexyl)phthalate
-Chrysene-d12
-Benzo(a)pyrene
-Perylene-d12

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34063.d

Date : 07-APR-2008 20:31

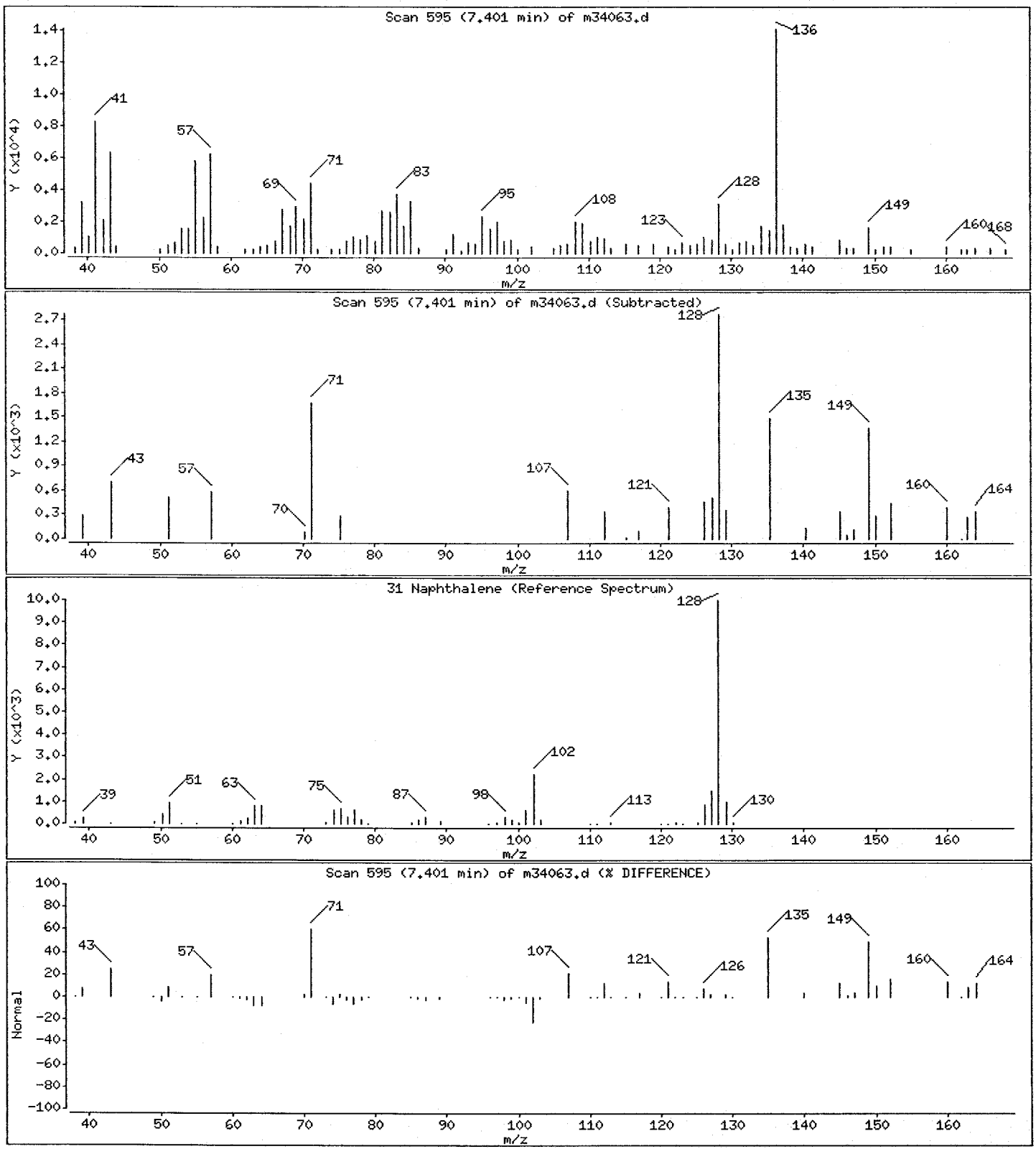
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 29 ug/Kg



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Date : 07-APR-2008 20:31

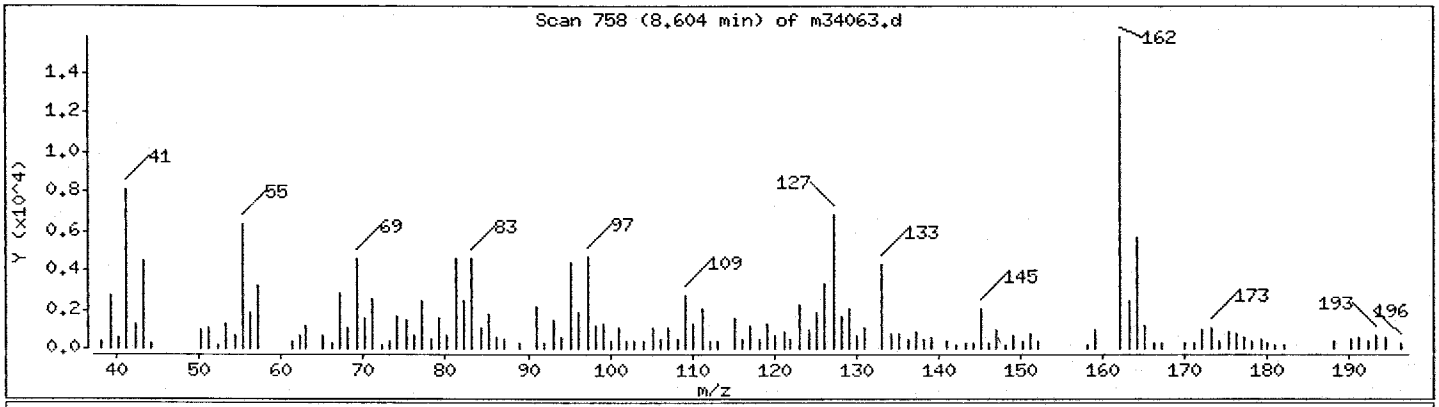
Client ID: 032508-1730 Instrument: BNAMS6.i

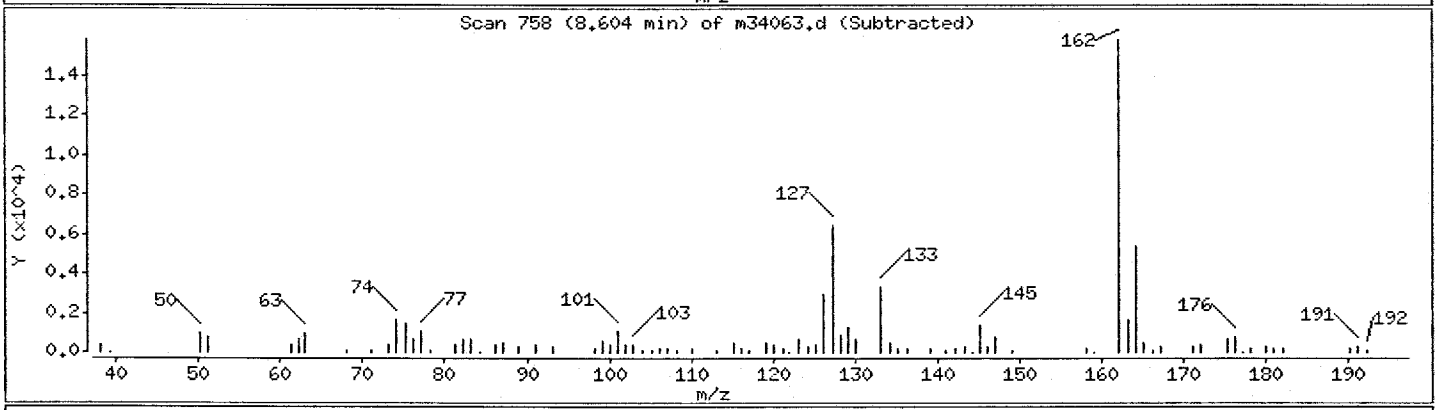
Sample Info: 908693;4225893

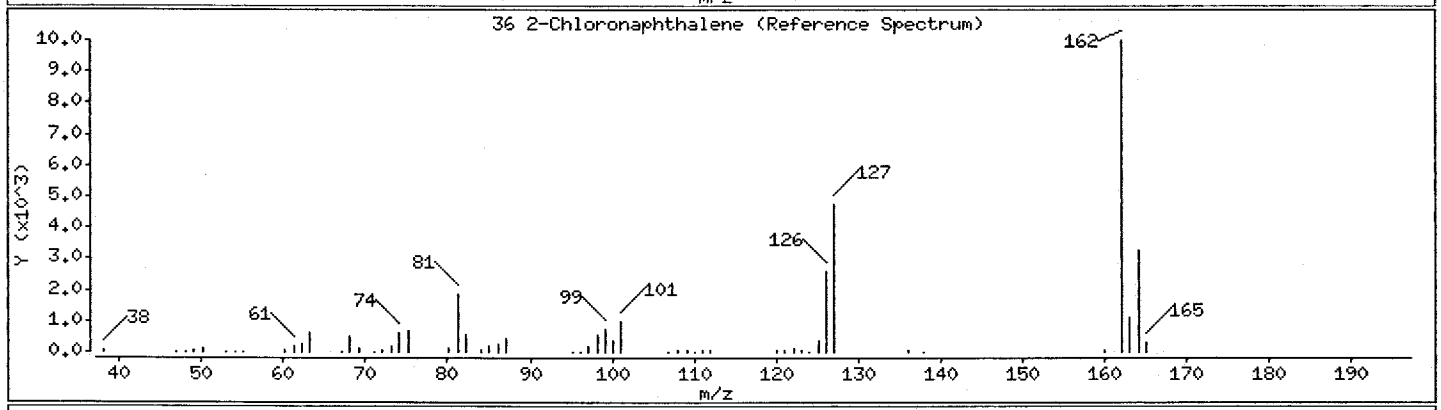
Operator: BNAMS 4

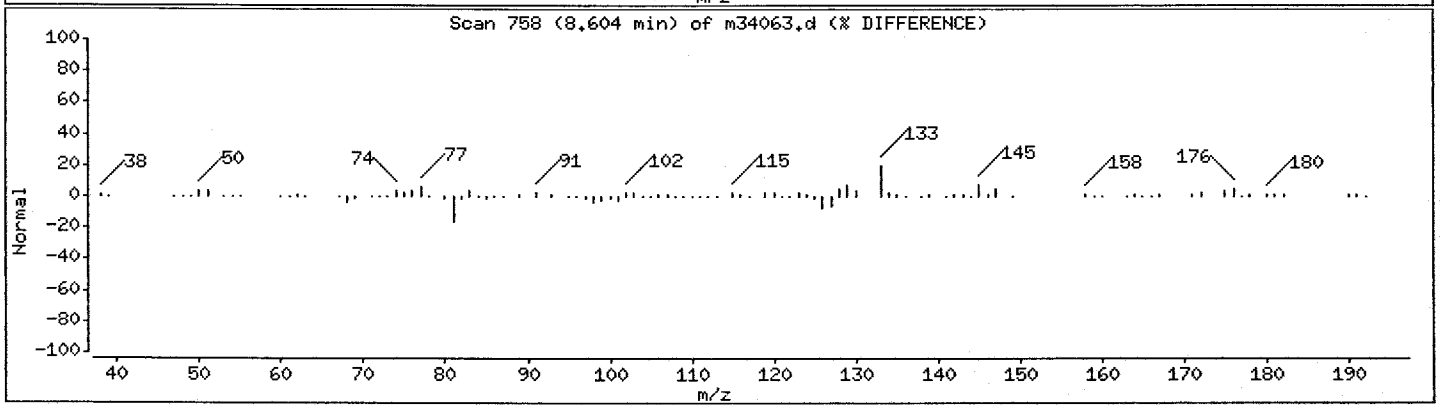
Column phase: DB-5 Column diameter: 0.25

36 2-Chloronaphthalene Concentration: 260 ug/Kg









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Date : 07-APR-2008 20:31

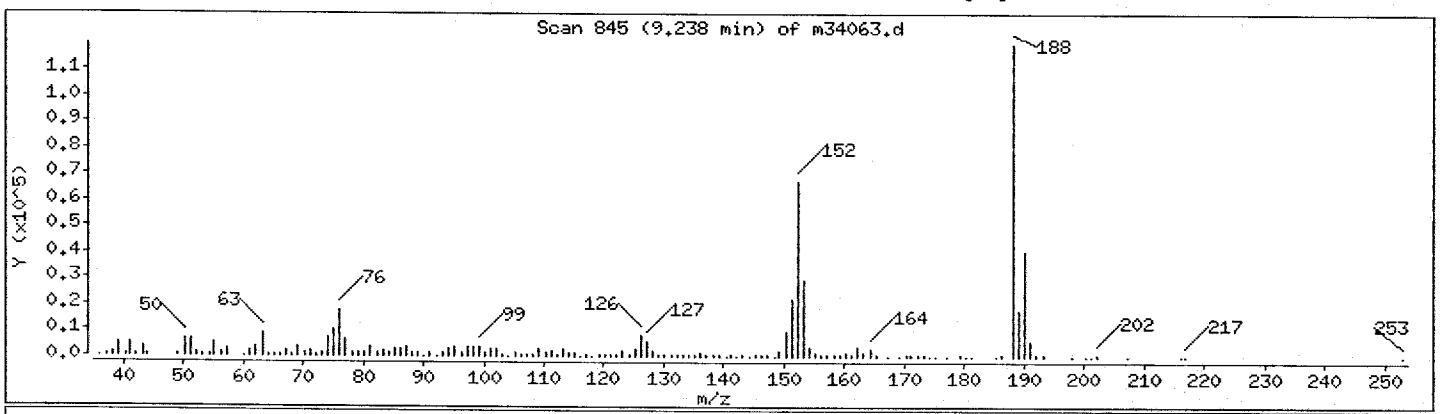
Client ID: 032508-1730 Instrument: BNAMS6.i

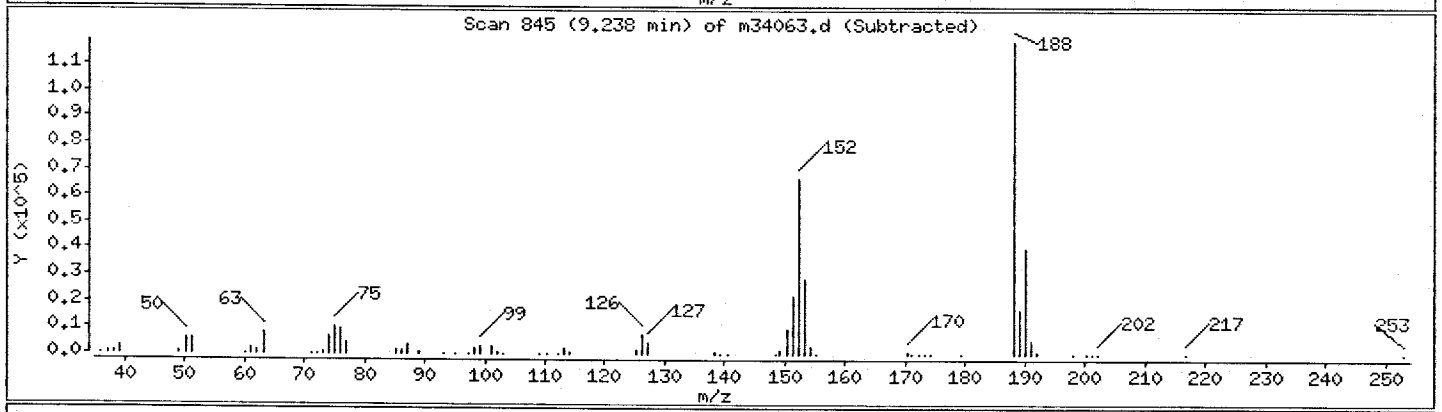
Sample Info: 908693;4225893

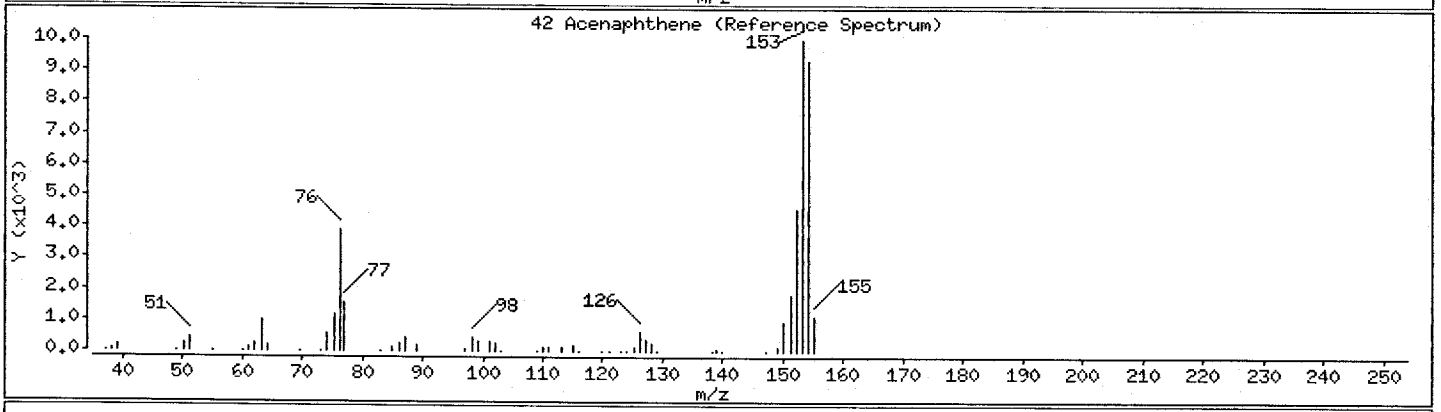
Operator: BNAMS 4

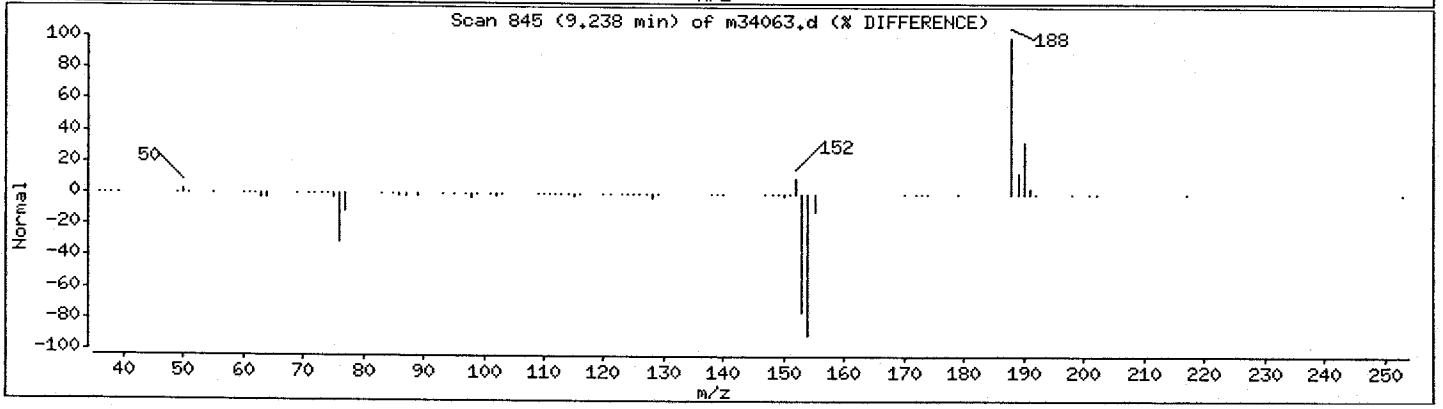
Column phase: DB-5 Column diameter: 0.25

42 Acenaphthene Concentration: 75 ug/Kg









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Date : 07-APR-2008 20:31

Client ID: 032508-1730

Instrument: BNAMS6.i

Sample Info: 908693;4225893

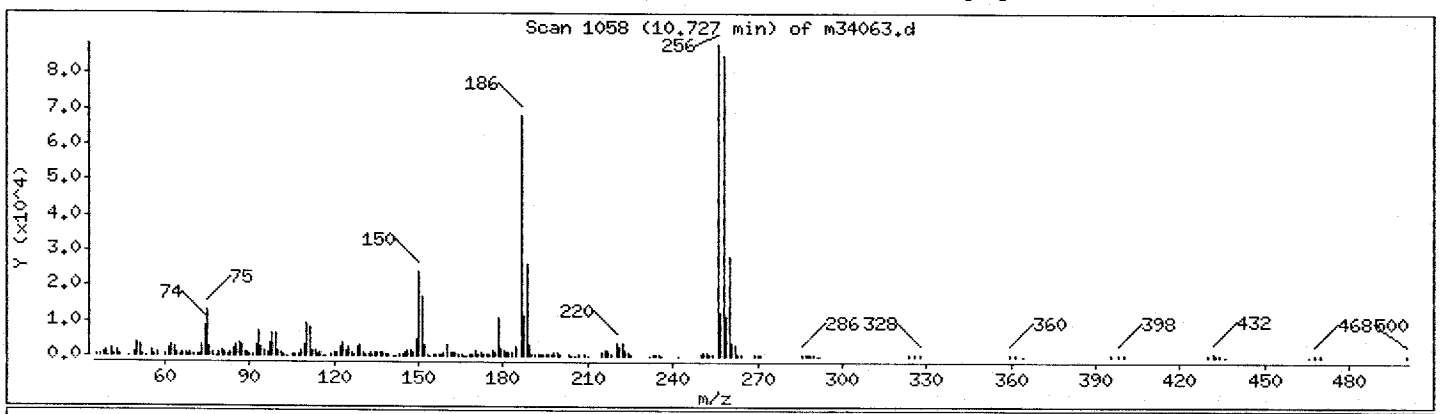
Operator: BNAMS 4

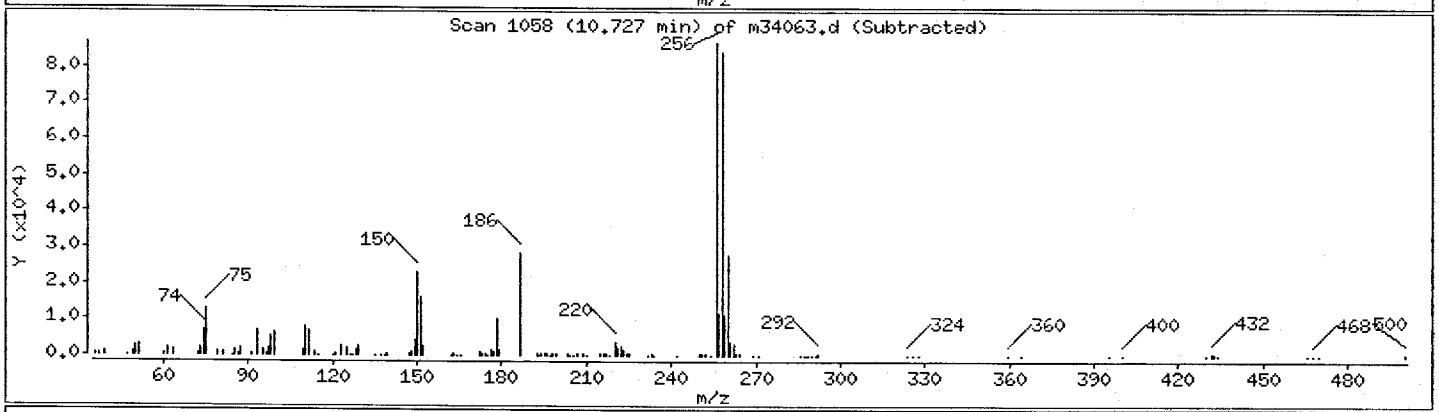
Column phase: DB-5

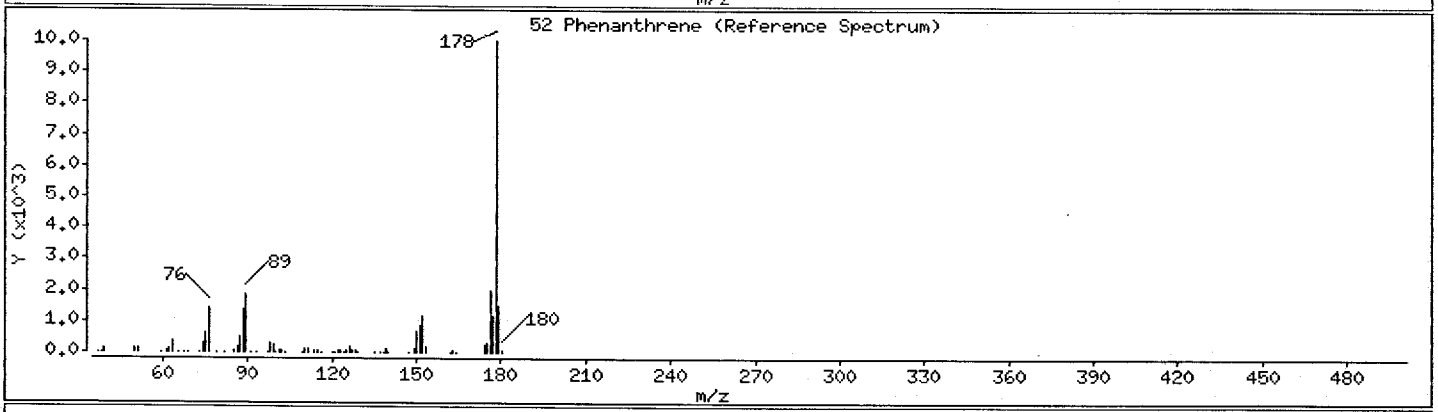
Column diameter: 0.25

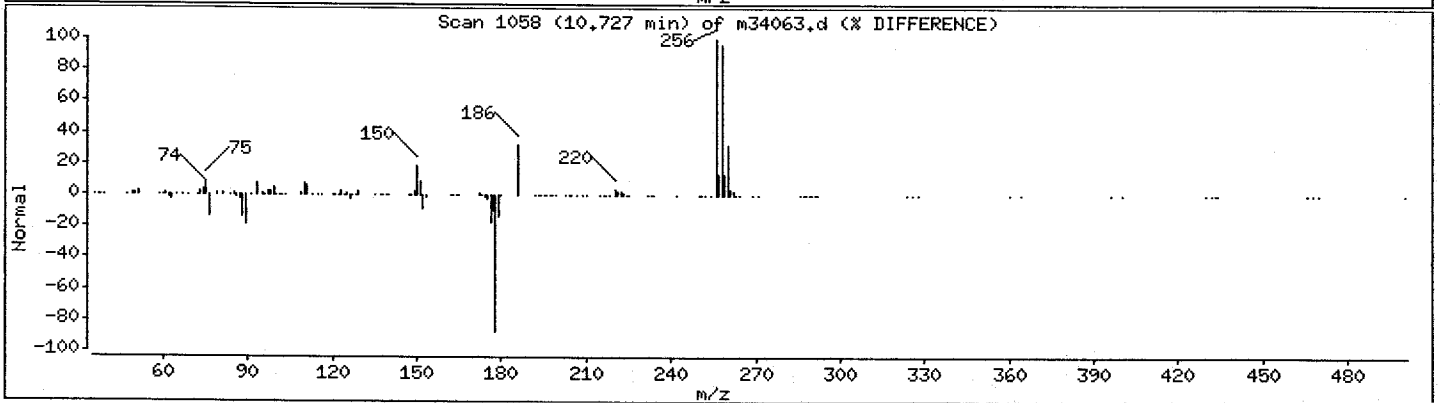
52 Phenanthrene

Concentration: 67 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34063.d

Date : 07-APR-2008 20:31

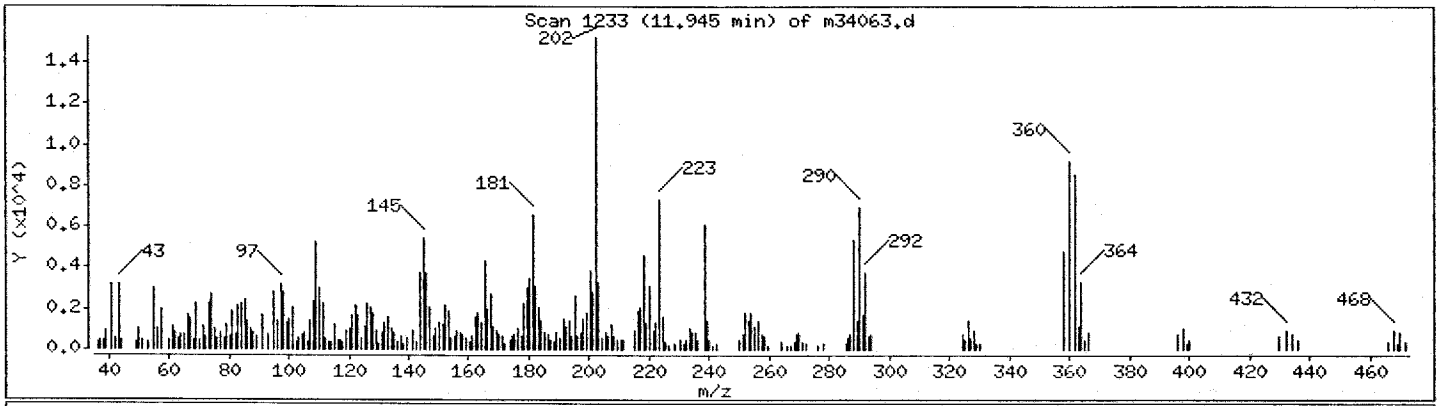
Client ID: 032508-1730 Instrument: BNAMS6.i

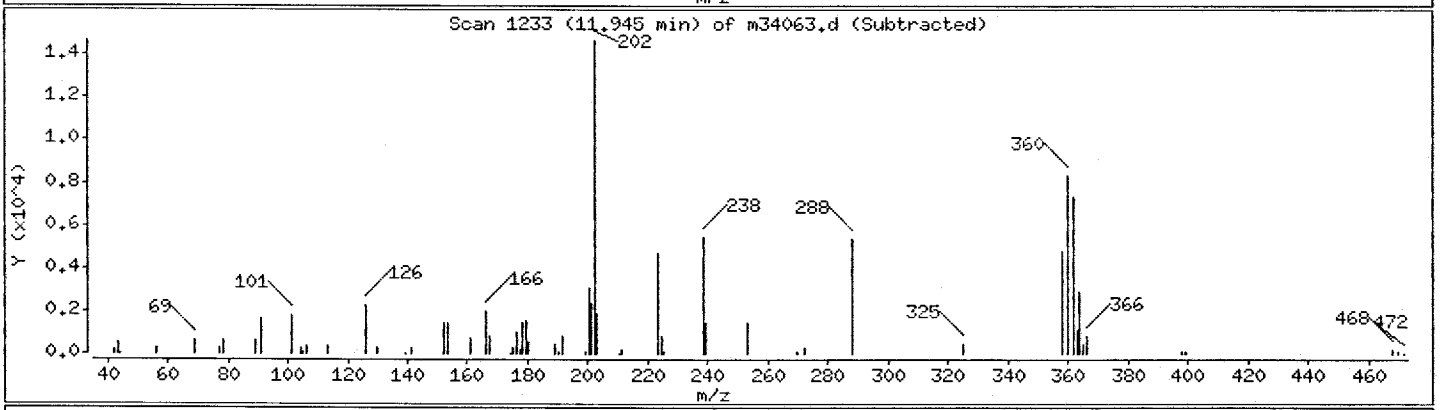
Sample Info: 908693;4225893

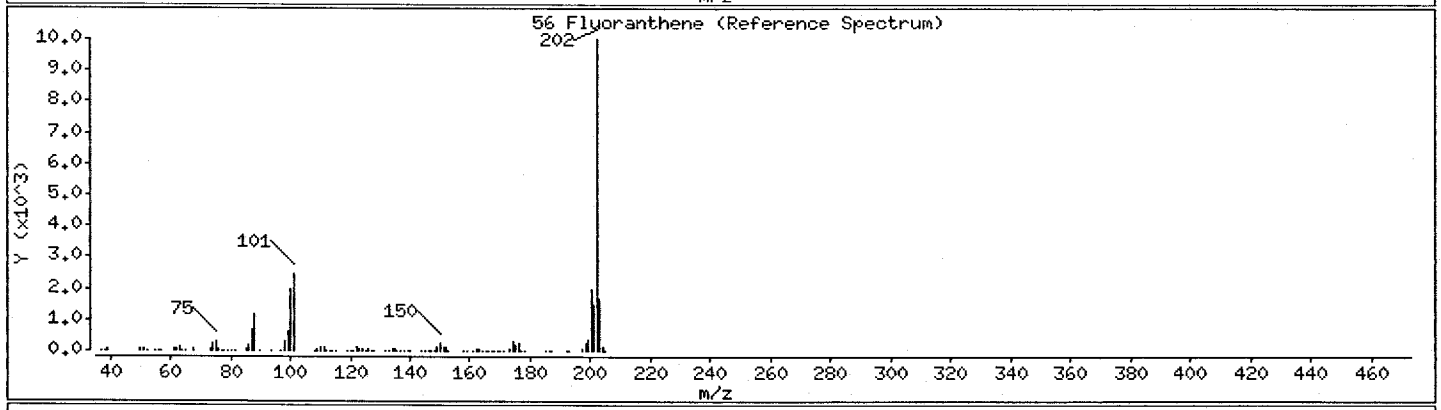
Operator: BNAMS 4

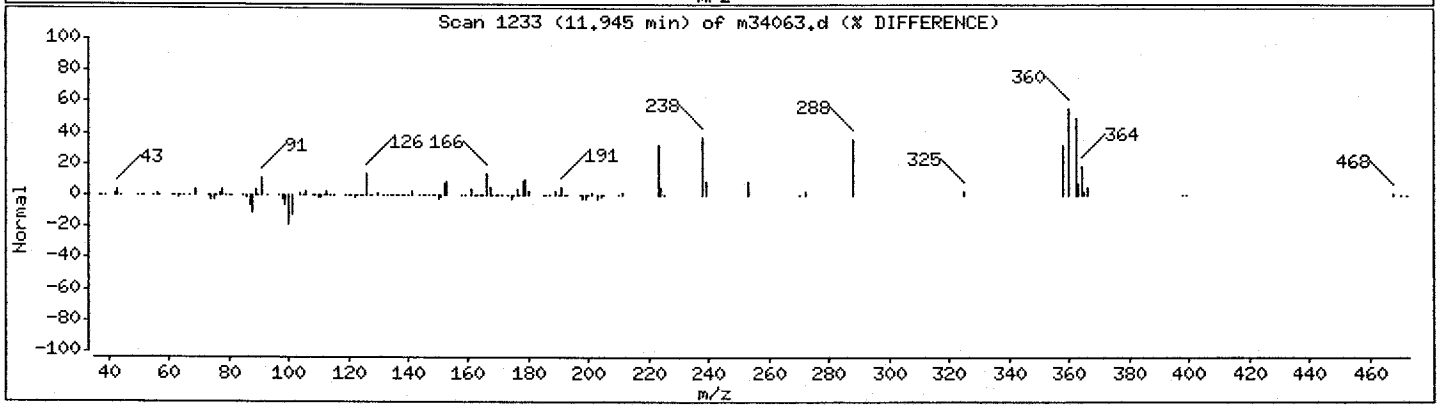
Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 120 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34063.d

Date : 07-APR-2008 20:31

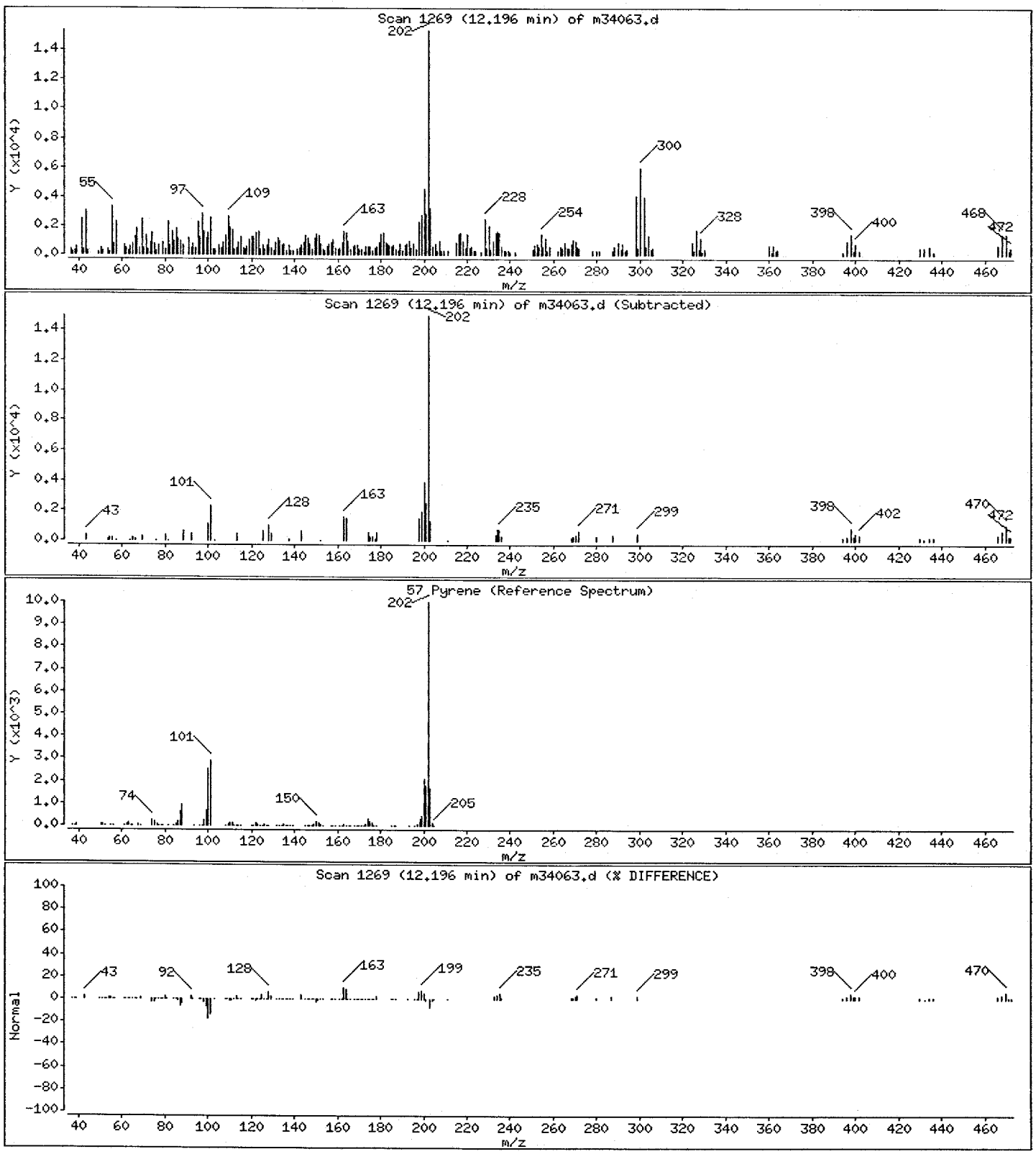
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 130 ug/Kg



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Date : 07-APR-2008 20:31

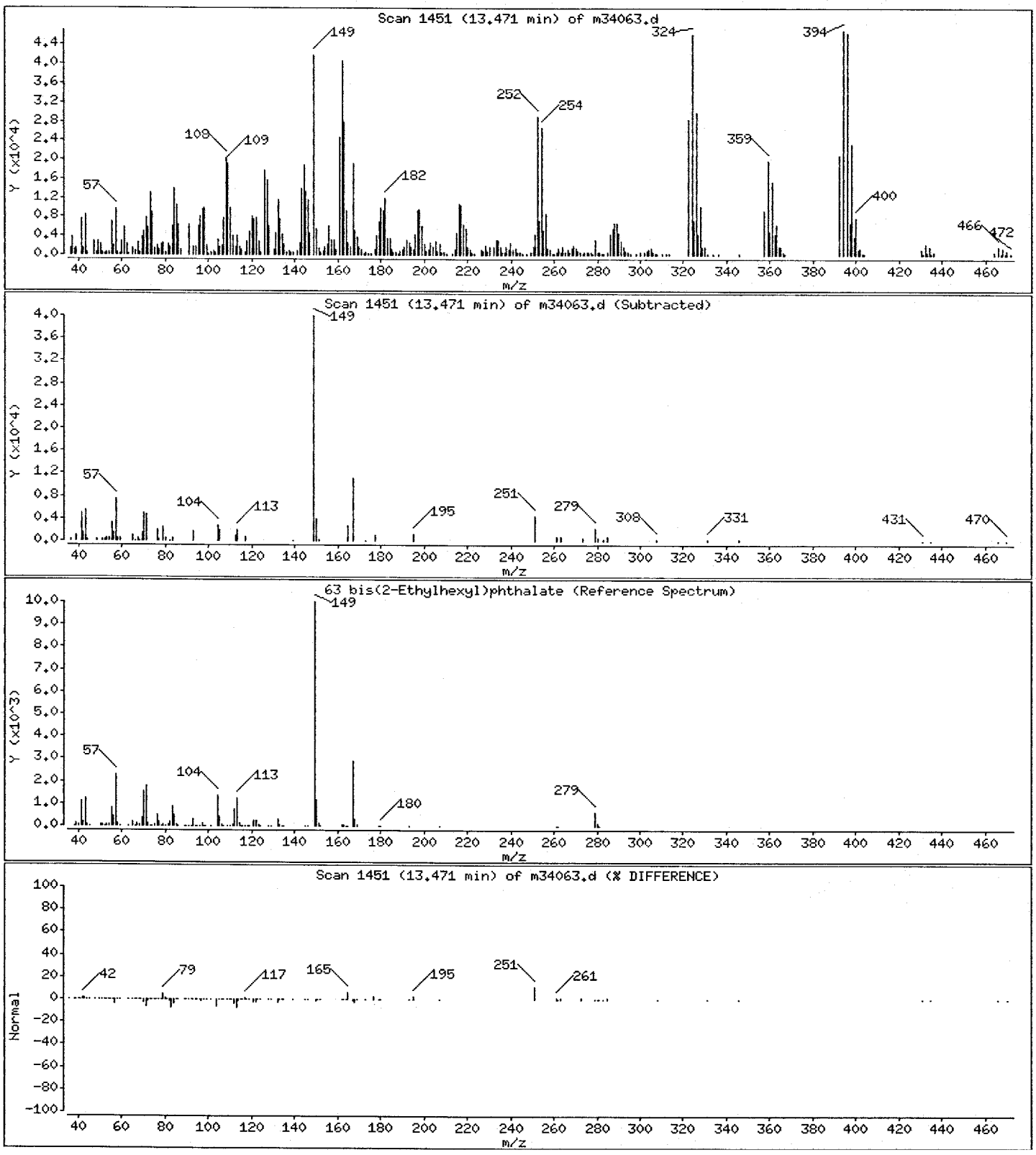
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

63 bis(2-Ethylhexyl)phthalate Concentration: 410 ug/Kg



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Date : 07-APR-2008 20:31

Client ID: 032508-1730

Instrument: BNAMS6.i

Sample Info: 908693;4225893

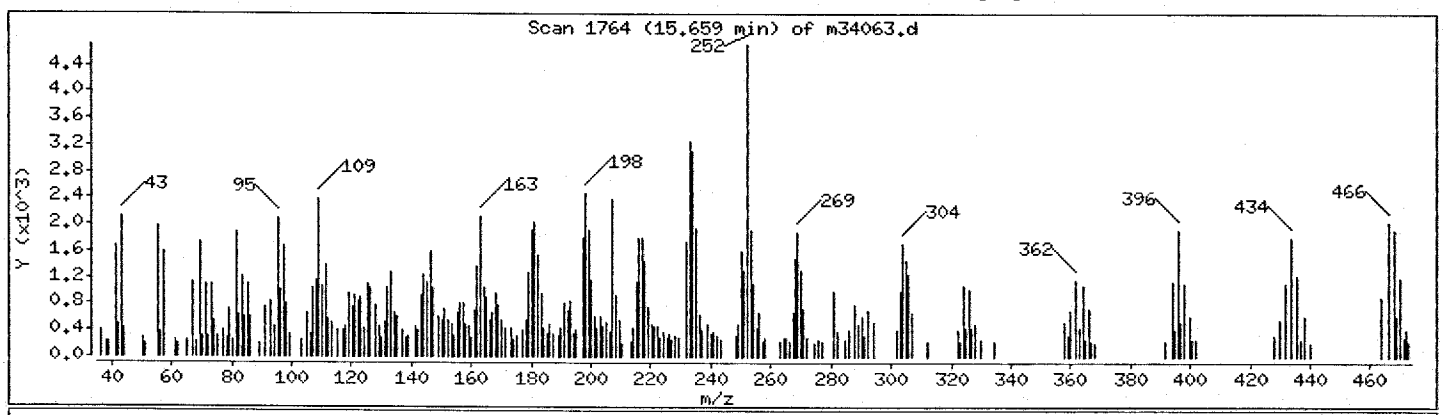
Operator: BNAMS 4

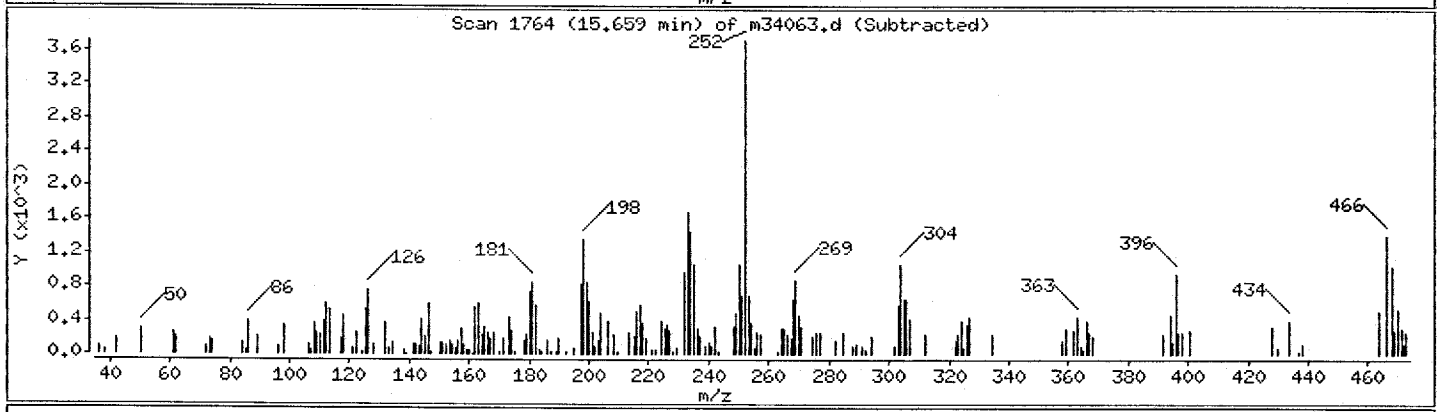
Column phase: DB-5

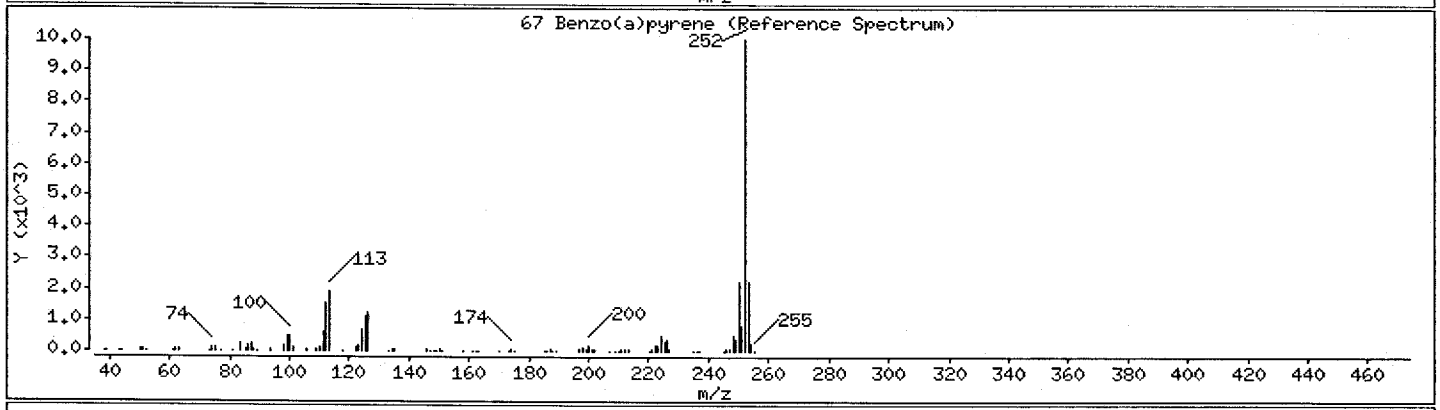
Column diameter: 0.25

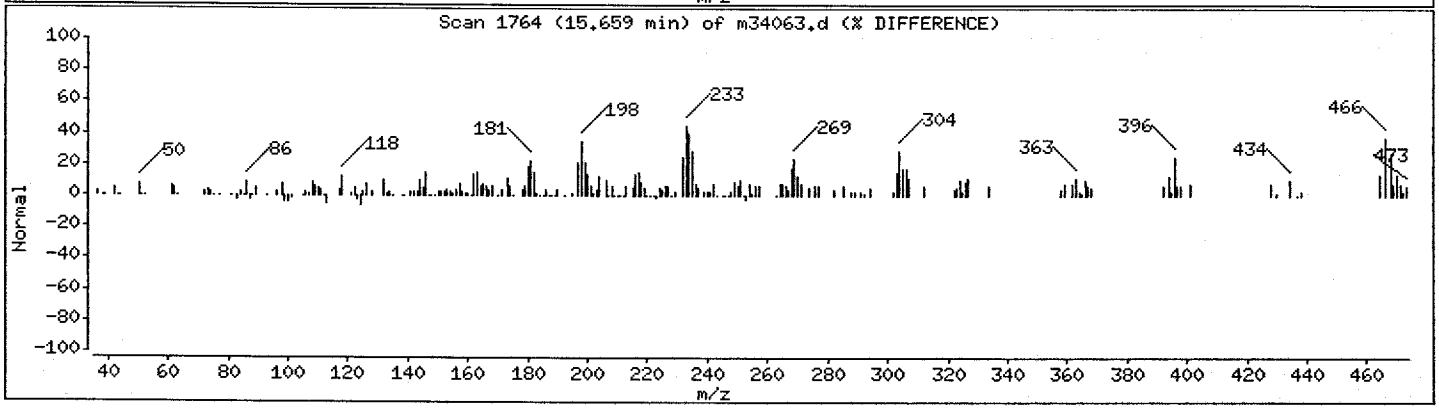
67 Benzo(a)pyrene

Concentration: 110 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34063.d

Date : 07-APR-2008 20:31

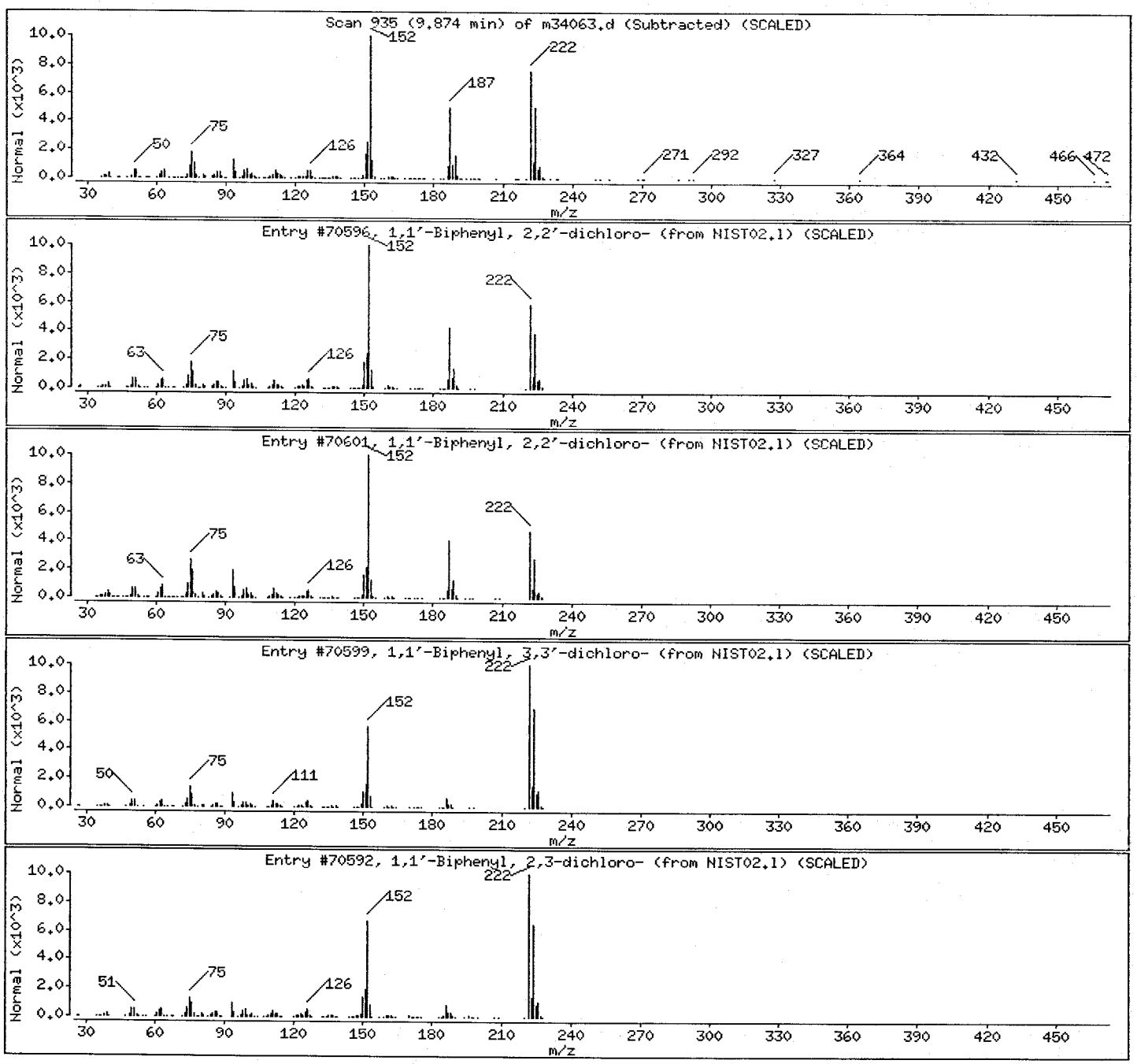
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70596	99	C12H8Cl2	222
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70601	99	C12H8Cl2	222
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.l	70599	97	C12H8Cl2	222
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.l	70592	97	C12H8Cl2	222



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Date : 07-APR-2008 20:31

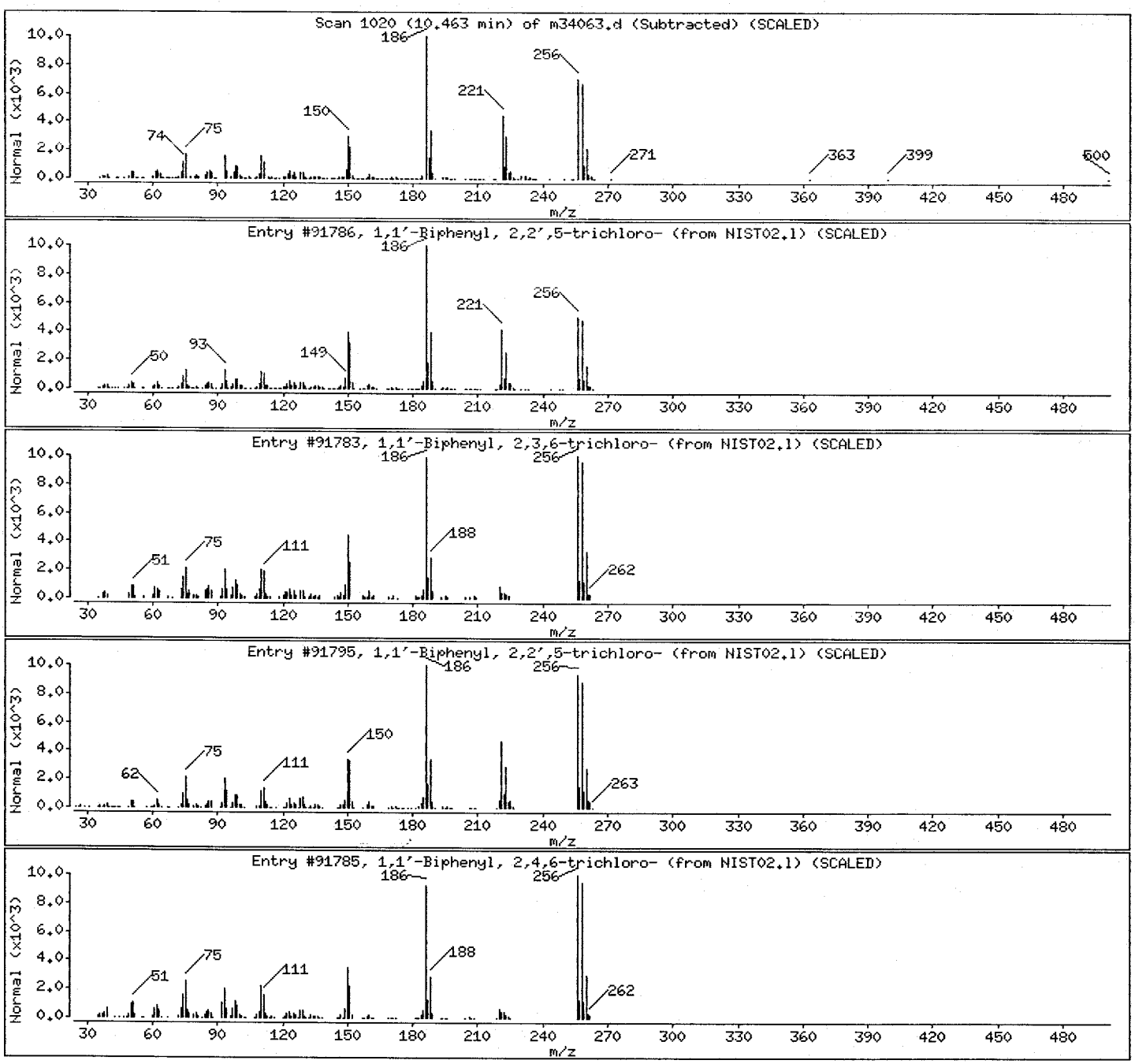
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.l	91786	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	99	C12H7Cl3	256
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.l	91795	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	98	C12H7Cl3	256



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Date : 07-APR-2008 20:31

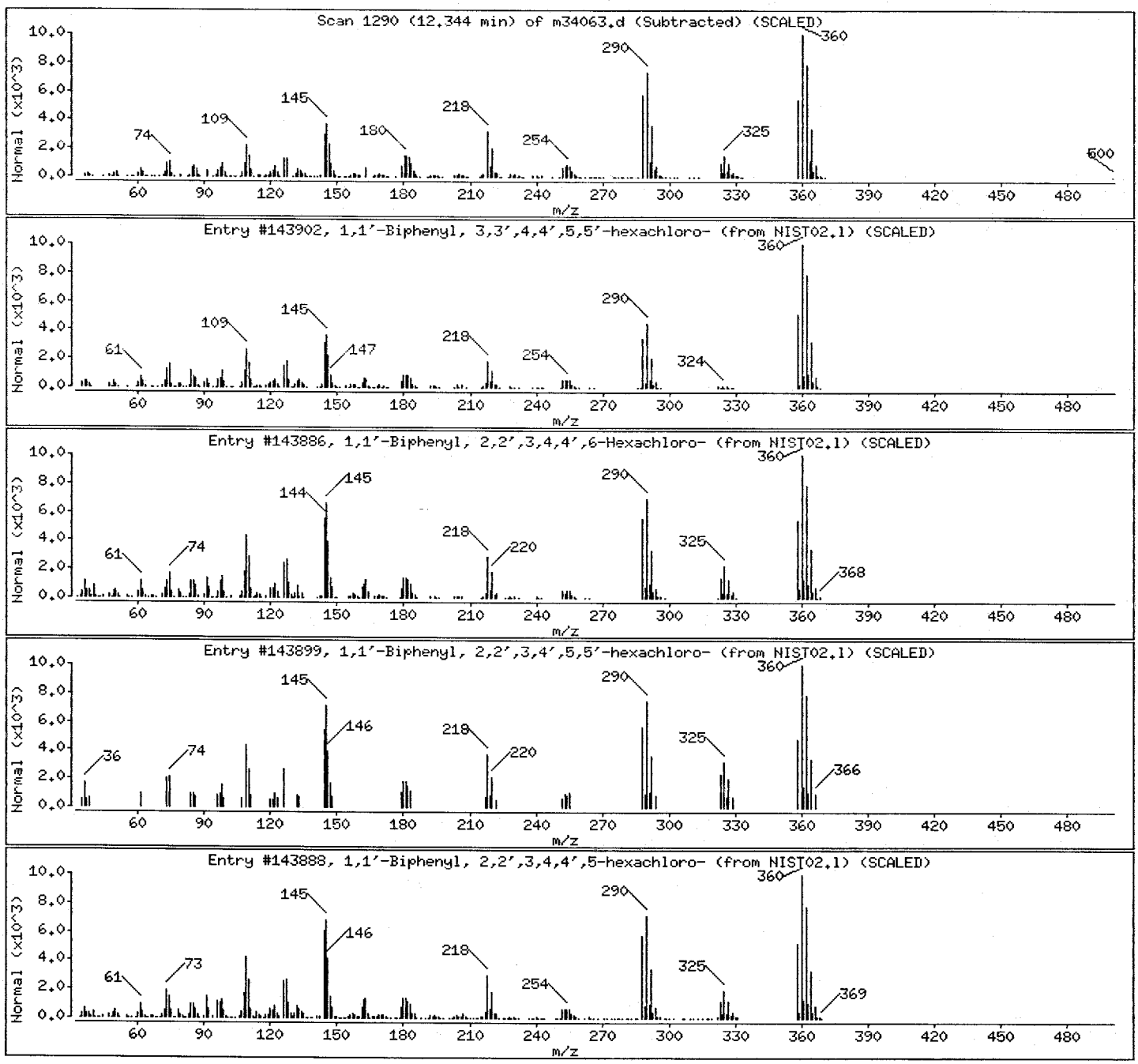
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	98	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',6-Hexachloro-	56030-56-9	NIST02.l	143886	95	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4',5,5'-hexachloro	51908-16-8	NIST02.l	143899	95	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5-hexachloro-	35694-06-5	NIST02.l	143888	94	C12H4Cl6	358



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Date : 07-APR-2008 20:31

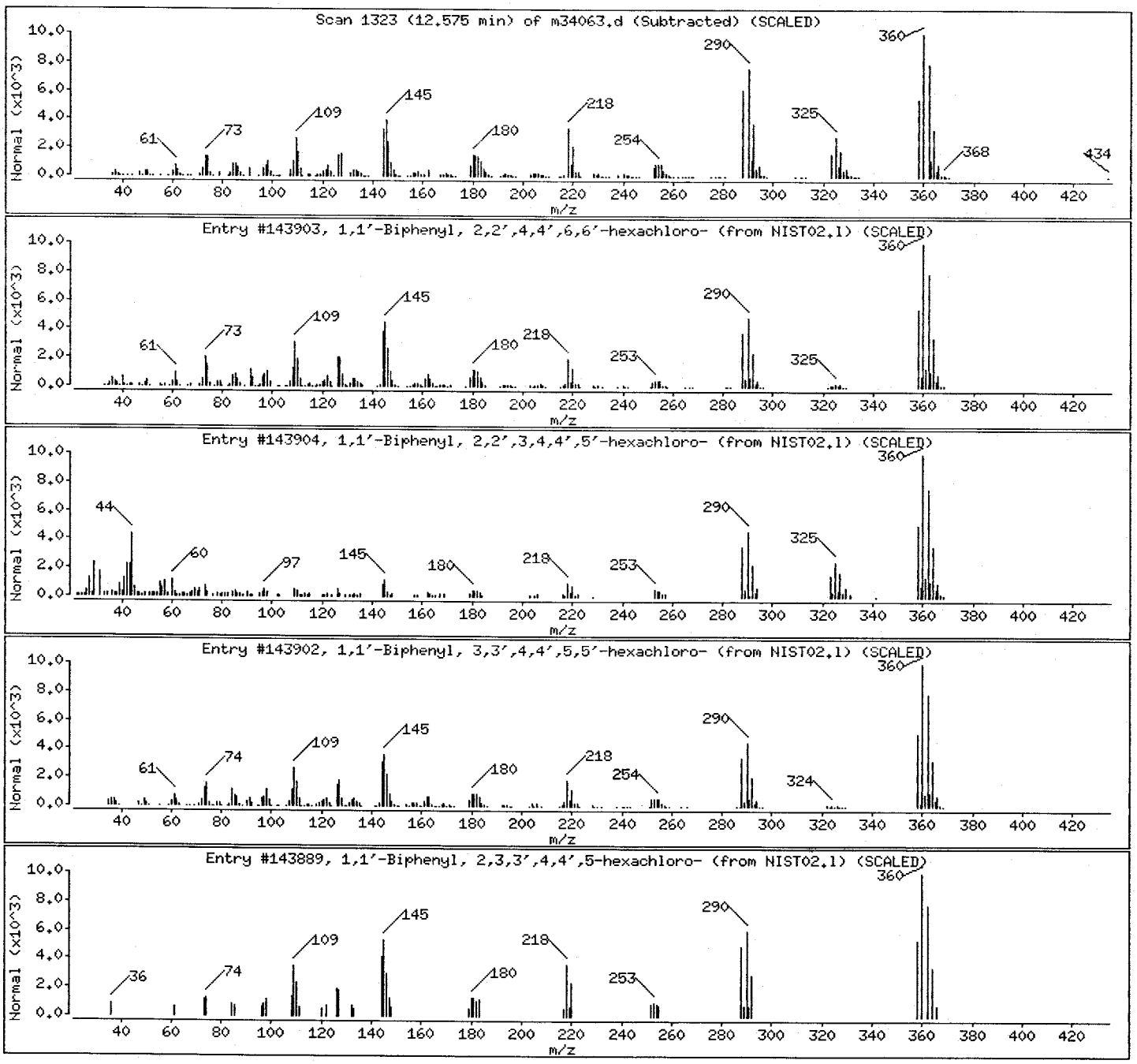
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	33979-03-2	NIST02.l	143903	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	99	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	99	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143889	99	C12H4Cl6	358



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Date : 07-APR-2008 20:31

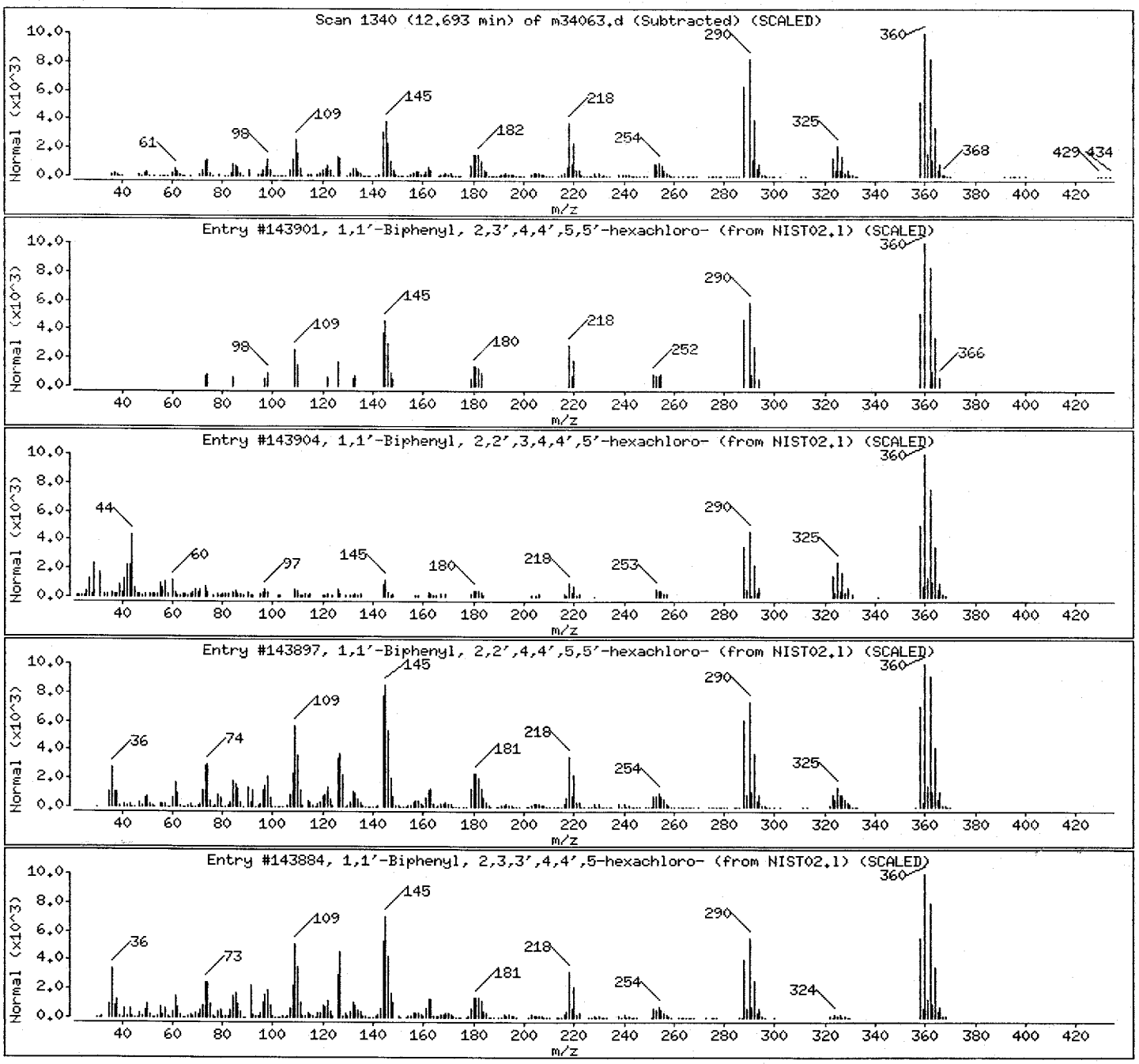
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3',4,4',5,5'-hexachloro	52663-72-6	NIST02.l	143901	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	97	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	35065-27-1	NIST02.l	143897	95	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143884	95	C12H4Cl6	358



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Date : 07-APR-2008 20:31

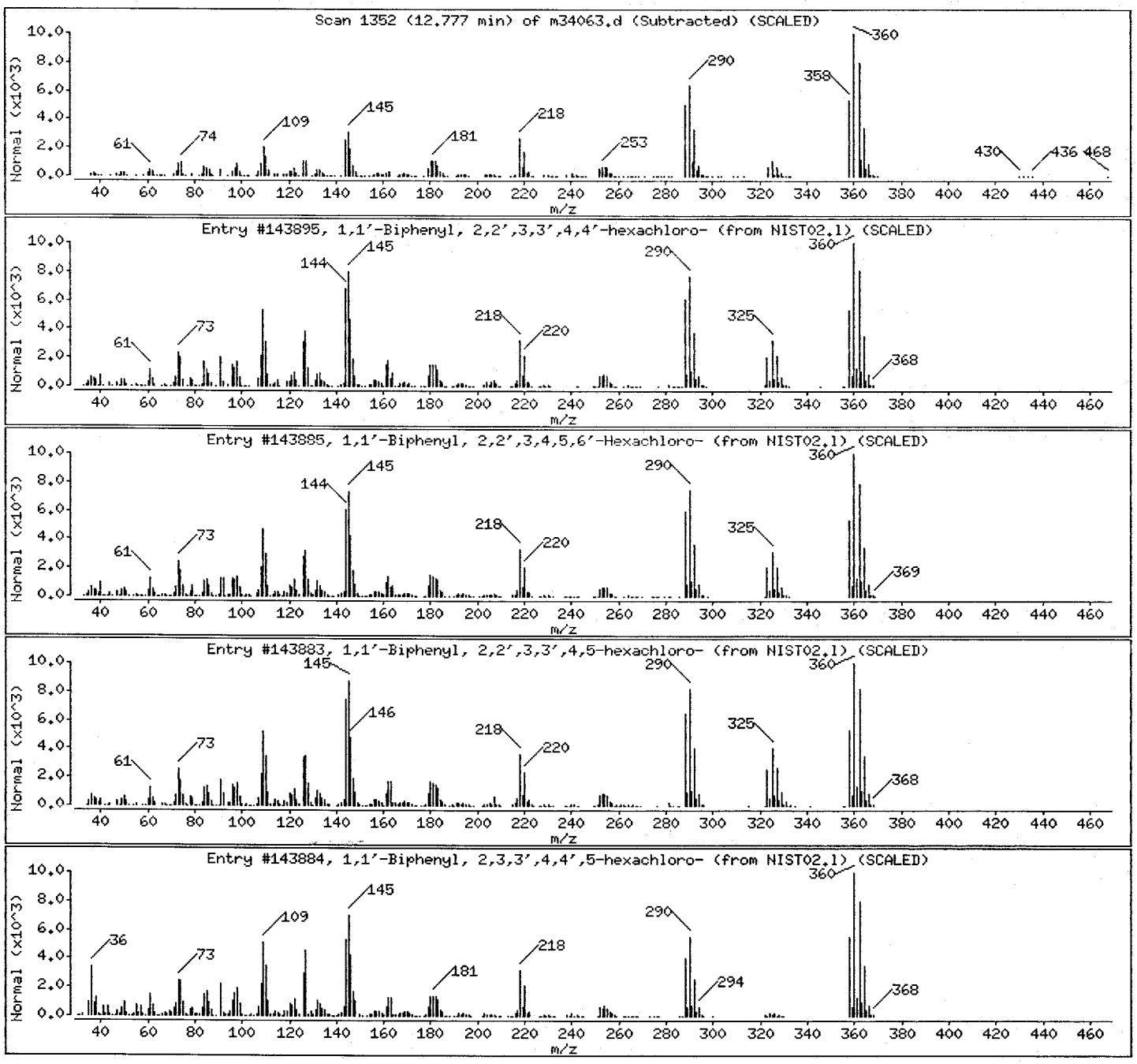
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4'-hexachloro	38380-07-3	NIST02.l	143895	95	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,5,6'-Hexachloro-	68194-15-0	NIST02.l	143885	94	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,5-hexachloro-	55215-18-4	NIST02.l	143883	94	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143884	94	C12H4Cl6	358



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Date : 07-APR-2008 20:31

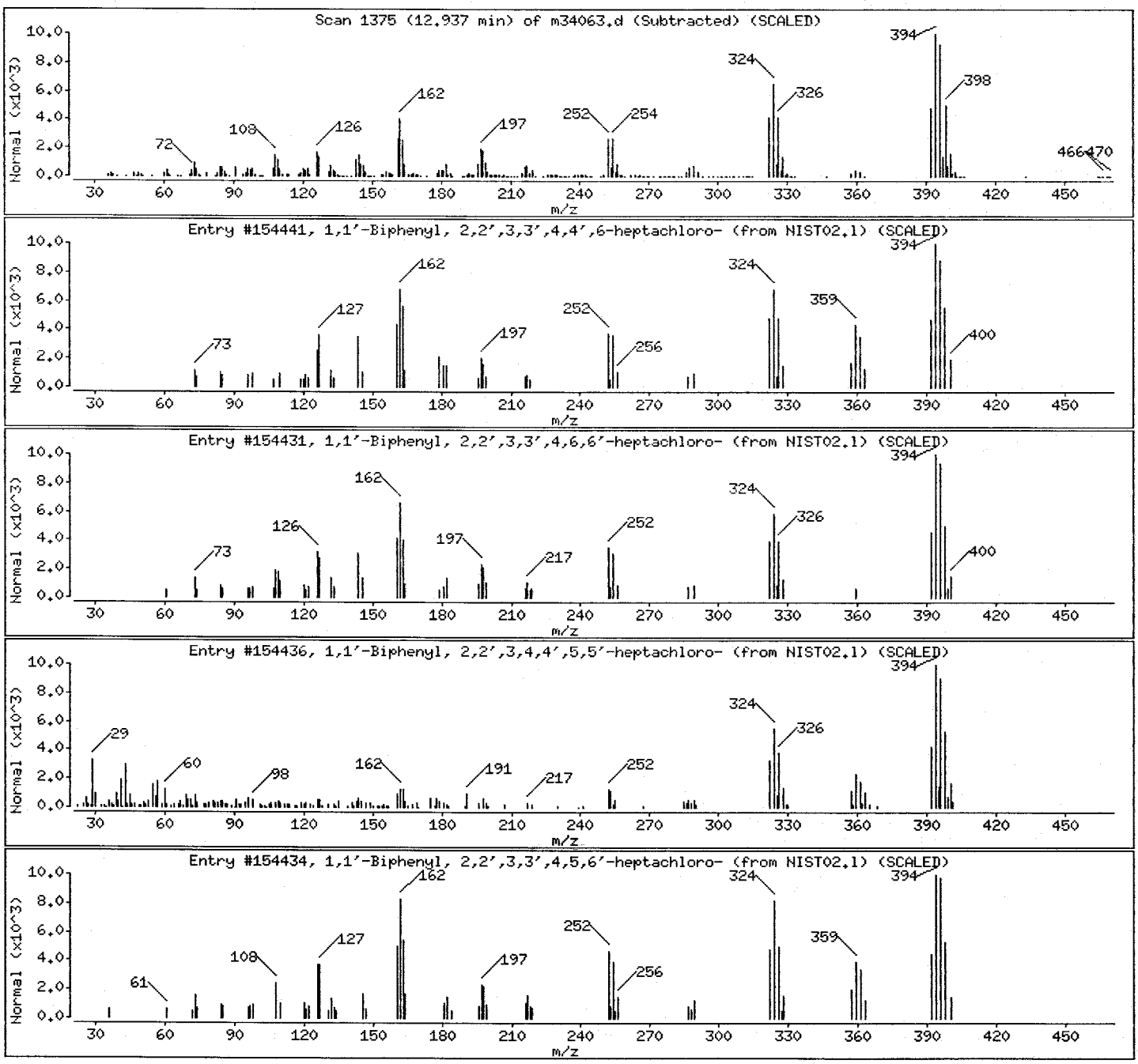
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',6-heptachl	52663-71-5	NIST02.l	154441	96	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	52663-65-7	NIST02.l	154431	95	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,5'-heptachl	35065-29-3	NIST02.l	154436	95	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,5,6'-heptachl	38411-25-5	NIST02.l	154434	94	C12H3Cl7	392



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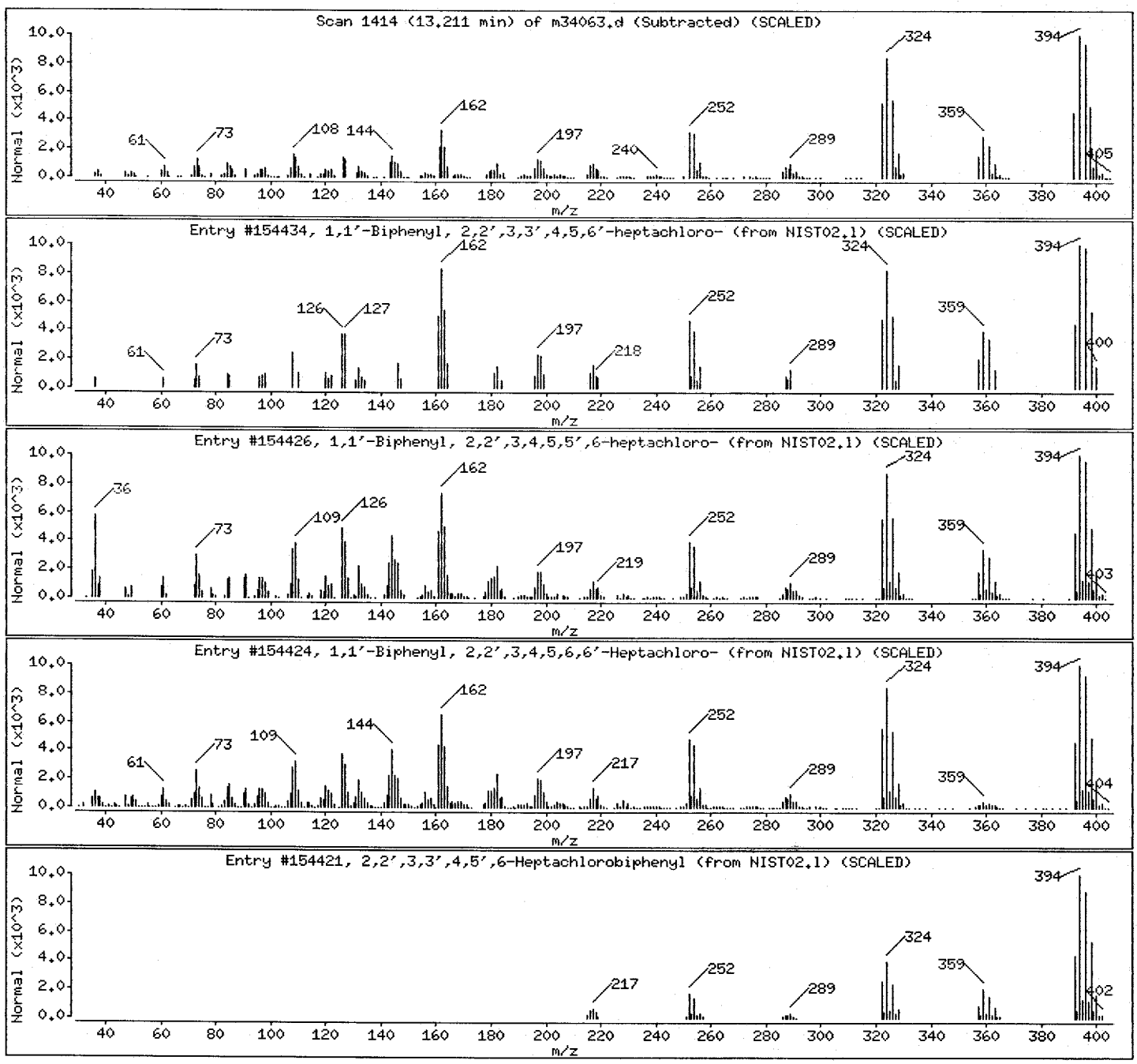
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,6'-heptachl	38411-25-5	NIST02.l	154434	97	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,5,5',6-heptachlo	52712-05-7	NIST02.l	154426	97	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,5,6,6'-Heptachlo	74472-49-4	NIST02.l	154424	96	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	96	C12H3Cl7	392



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Date : 07-APR-2008 20:31

Client ID: 032508-1730

Instrument: BNAMS6.i

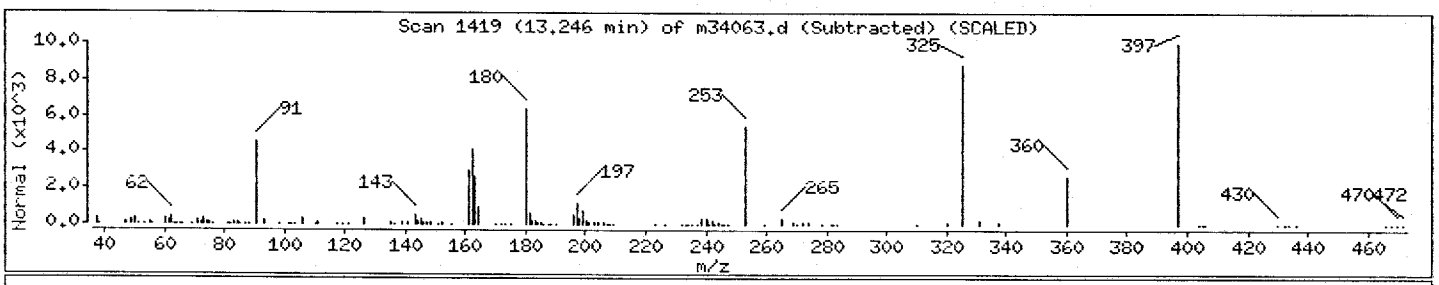
Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 07-APR-2008 20:31

Client ID: 032508-1730

Instrument: BNAMS6.i

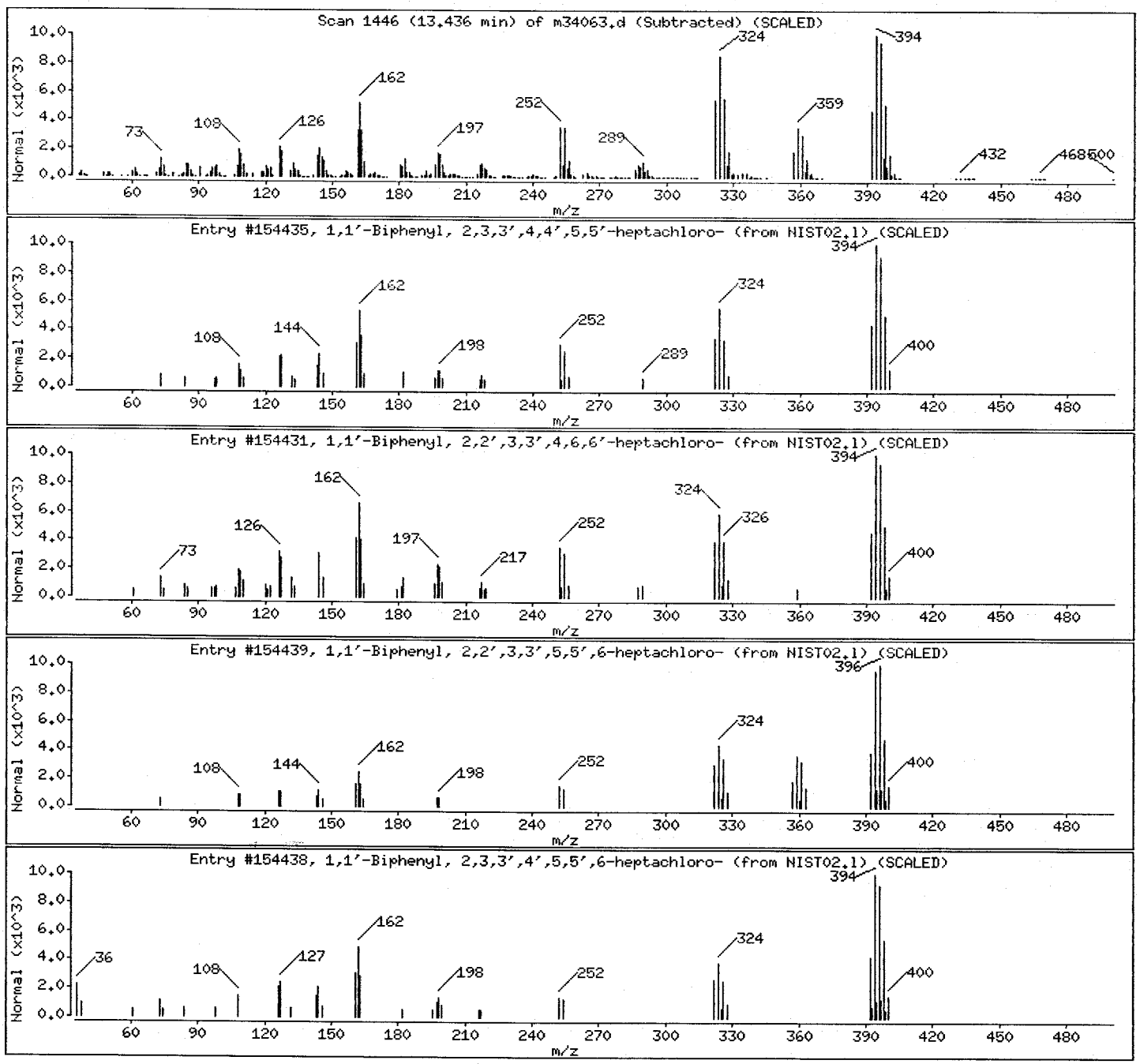
Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	52663-65-7	NIST02.l	154431	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	98	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	97	C12H3Cl7	392



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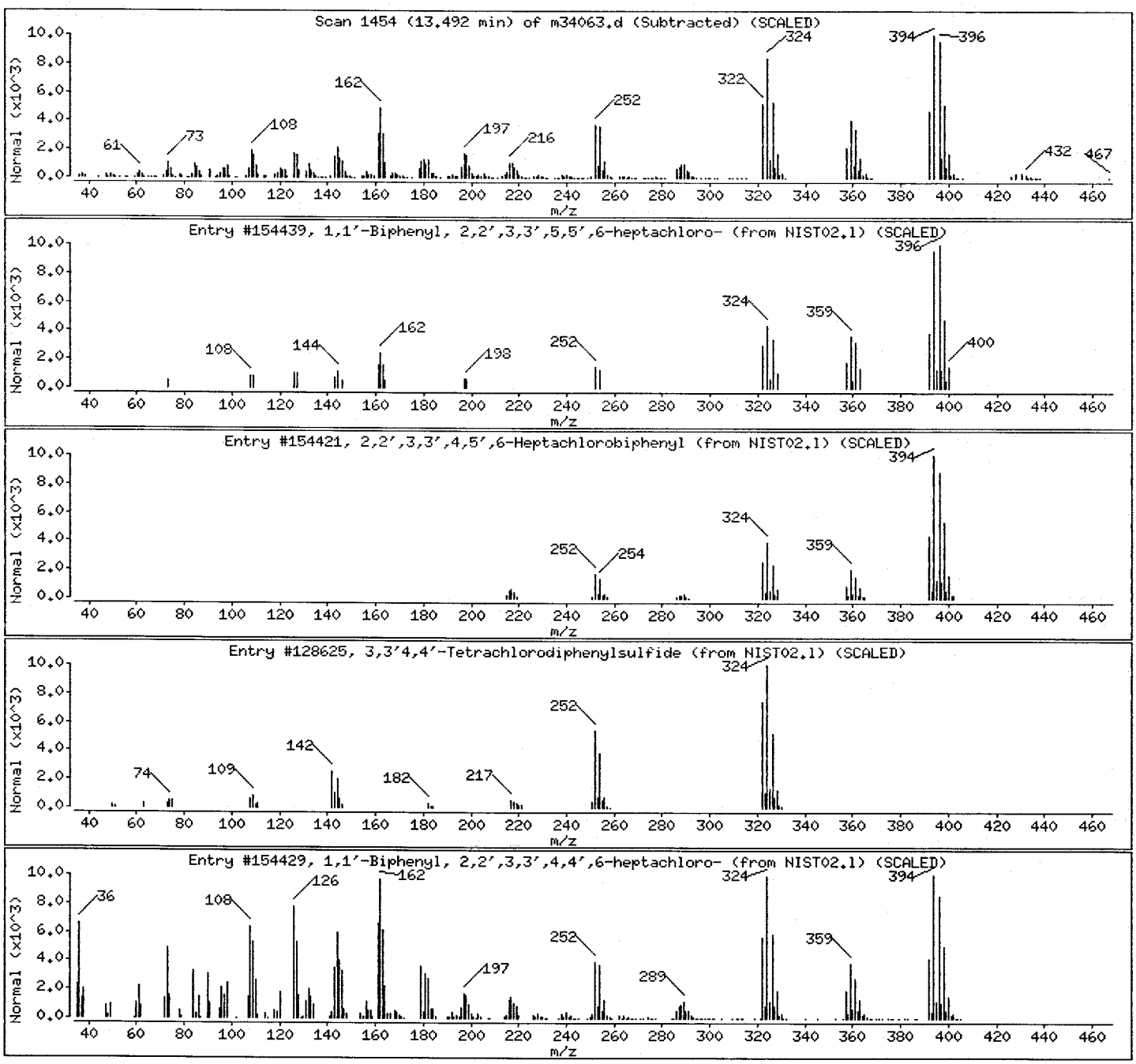
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	98	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	95	C12H3Cl7	392
3,3'4,4'-Tetrachlorodiphenylsulfide	76745-12-5	NIST02.l	128625	91	C12H6Cl4S	322
1,1'-Biphenyl, 2,2',3,3',4,4',6-heptachl	52663-71-5	NIST02.l	154429	91	C12H3Cl7	392



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Date : 07-APR-2008 20:31

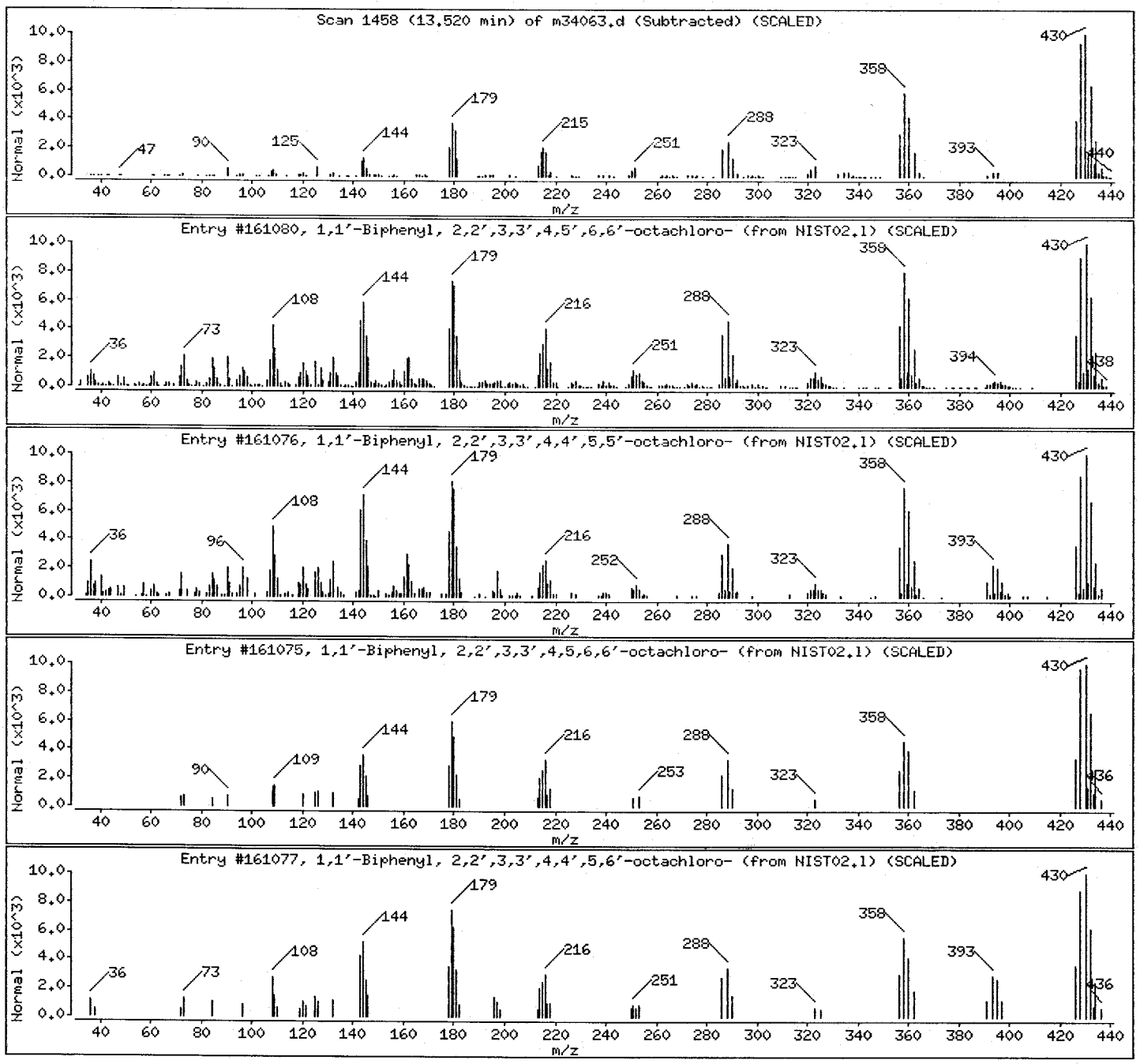
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	95	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161076	94	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	91	C12H2Cl8	426



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Date : 07-APR-2008 20:31

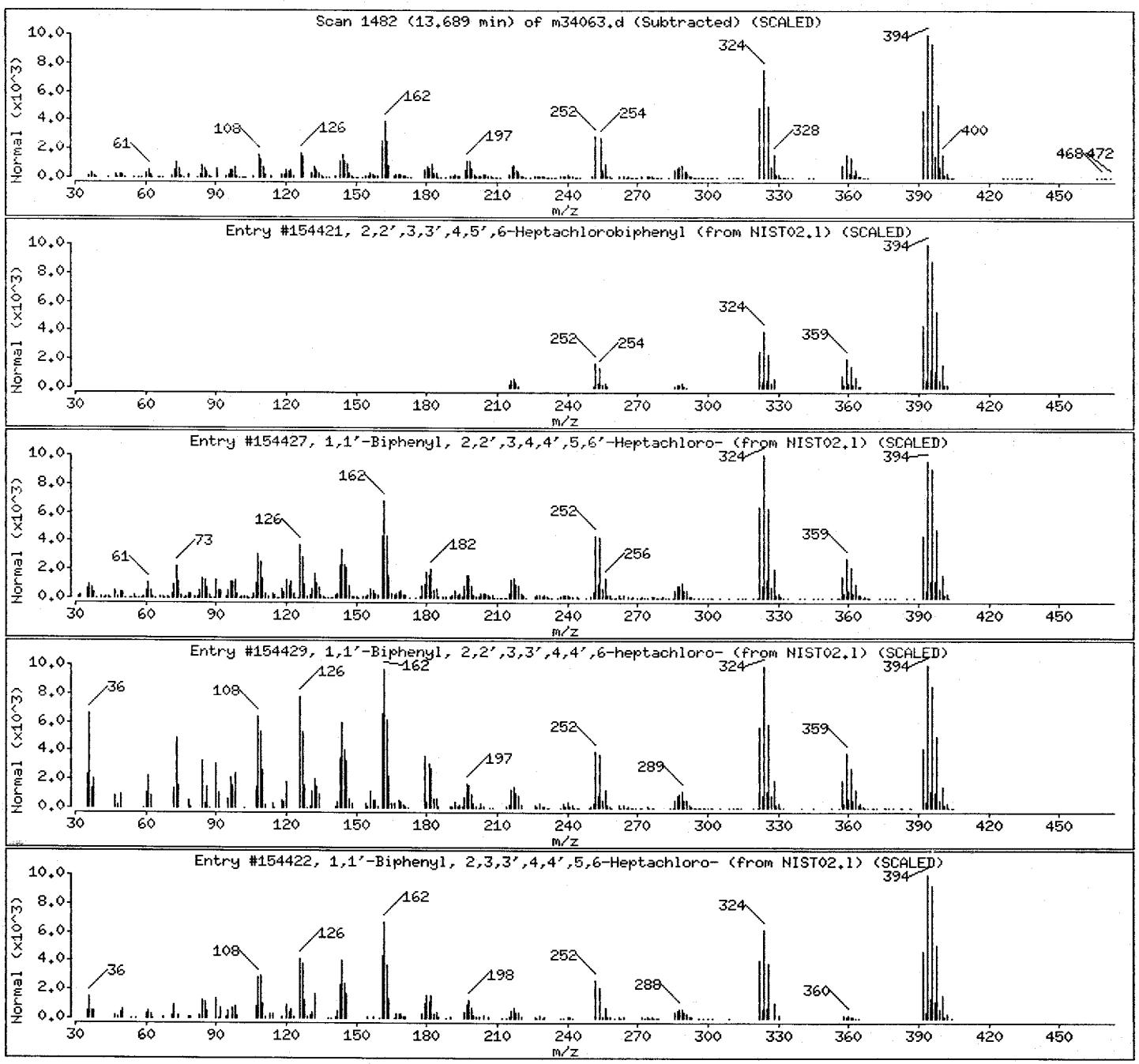
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,6'-Heptachl	60145-23-5	NIST02.l	154427	93	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,4',6-heptachl	52663-71-5	NIST02.l	154429	93	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4,4',5,6-Heptachlo	41411-64-7	NIST02.l	154422	90	C12H3Cl7	392



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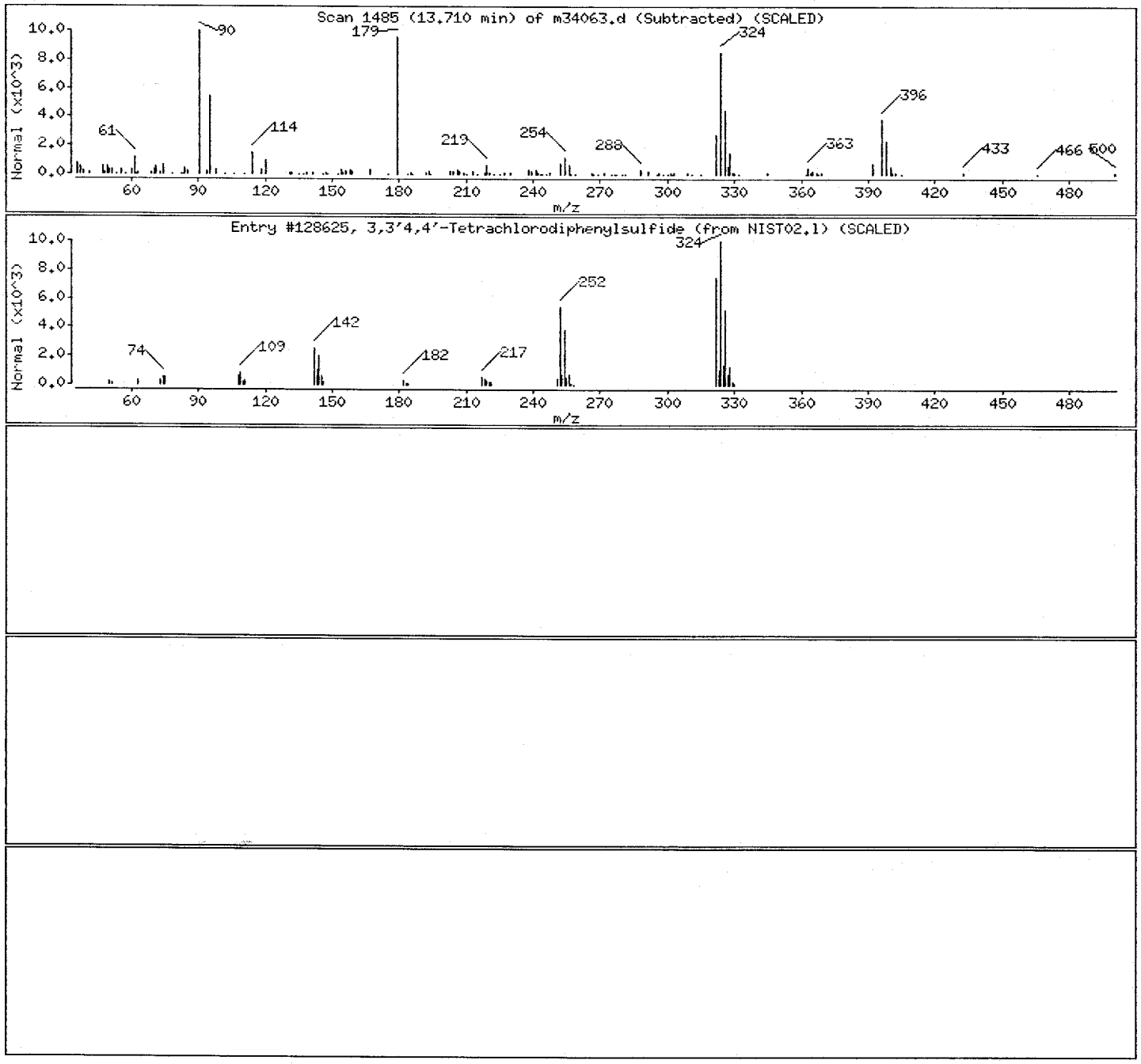
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
3,3'4,4'-Tetrachlorodiphenylsulfide	76745-12-5	NIST02.l	128625	25	C12H6Cl4S	322



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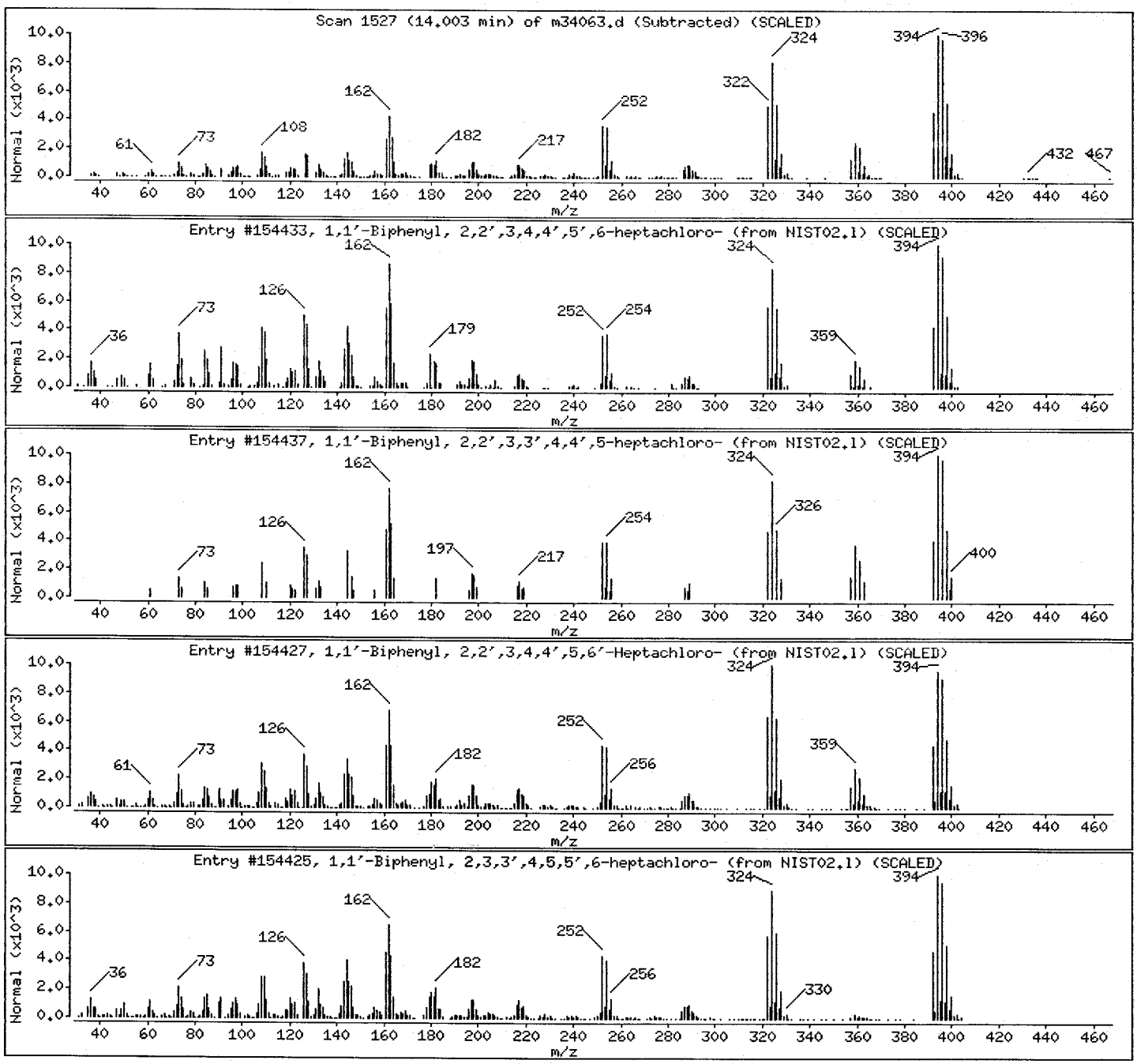
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5',6-heptachl	52663-69-1	NIST02.l	154433	95	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,4',5-heptachl	35065-30-6	NIST02.l	154437	94	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,6'-Heptachl	60145-23-5	NIST02.l	154427	93	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4,5,5',6-heptachlo	74472-51-8	NIST02.l	154425	93	C12H3Cl7	392



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Date : 07-APR-2008 20:31

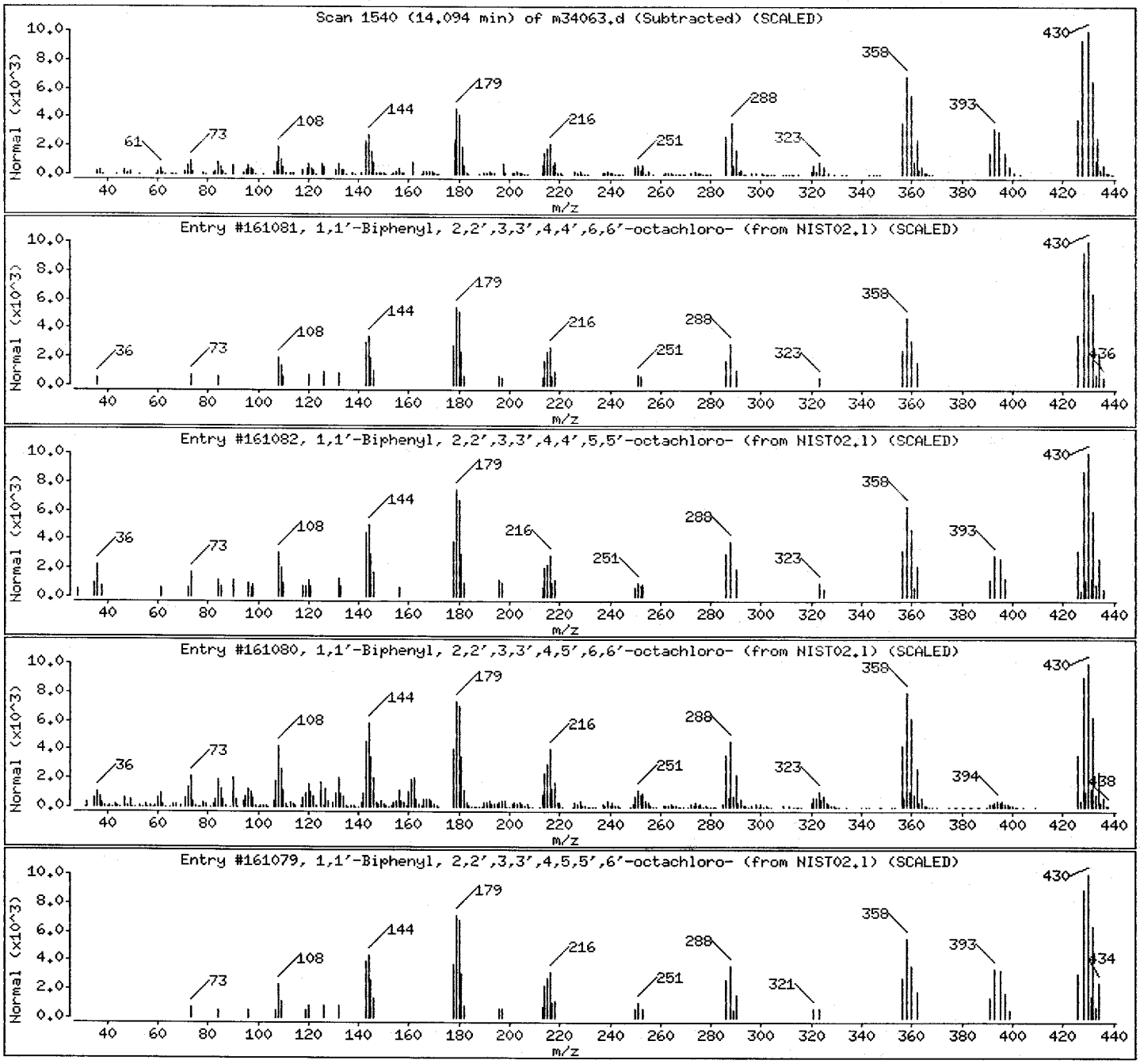
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	98	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	87	C12H2Cl8	426



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Date : 07-APR-2008 20:31

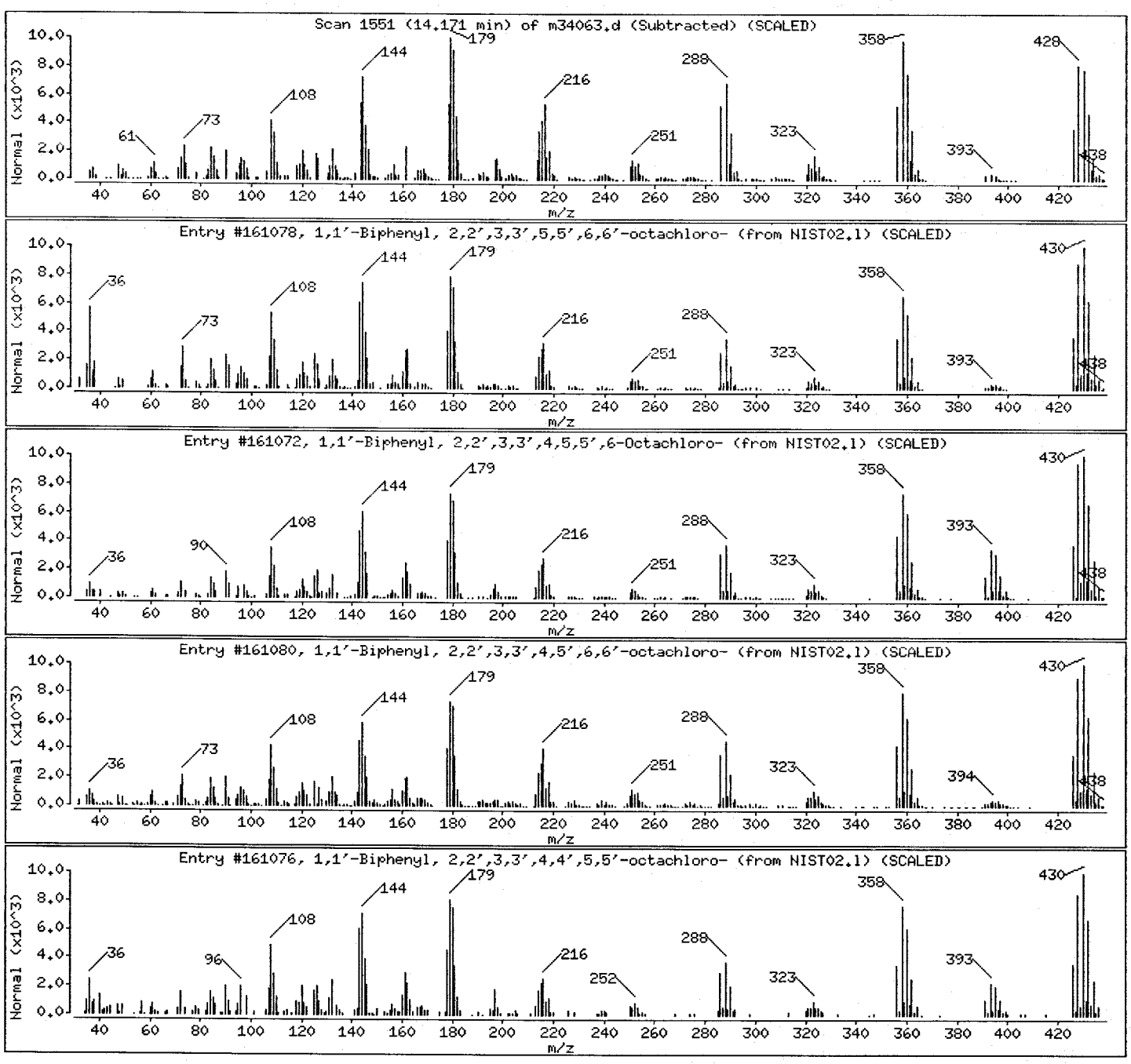
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	92	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6-Octach	68194-17-2	NIST02.l	161072	83	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	70	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161076	70	C12H2Cl8	426



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34063.d

Date : 07-APR-2008 20:31

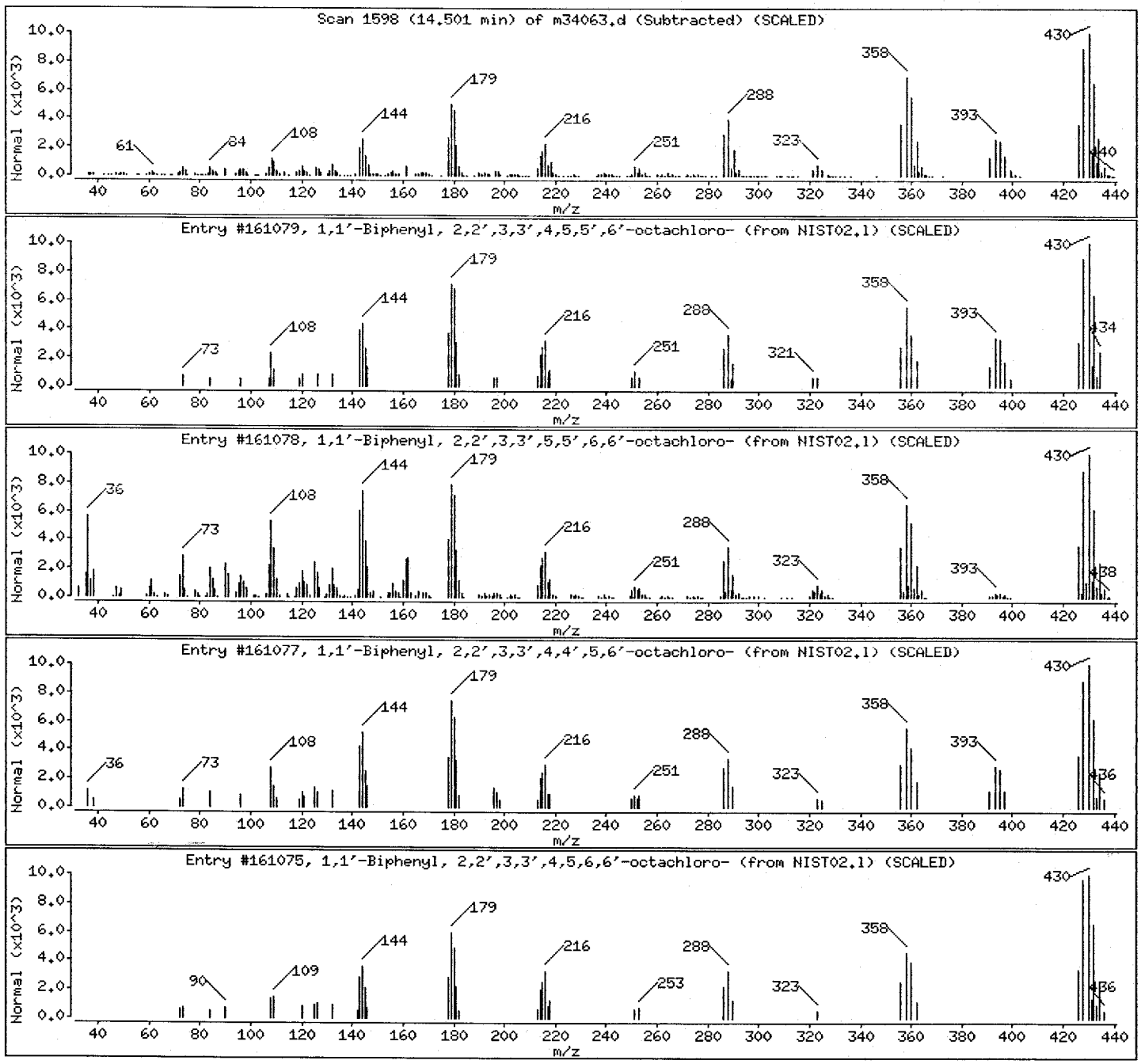
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	97	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	87	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	83	C12H2Cl8	426



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Date : 07-APR-2008 20:31

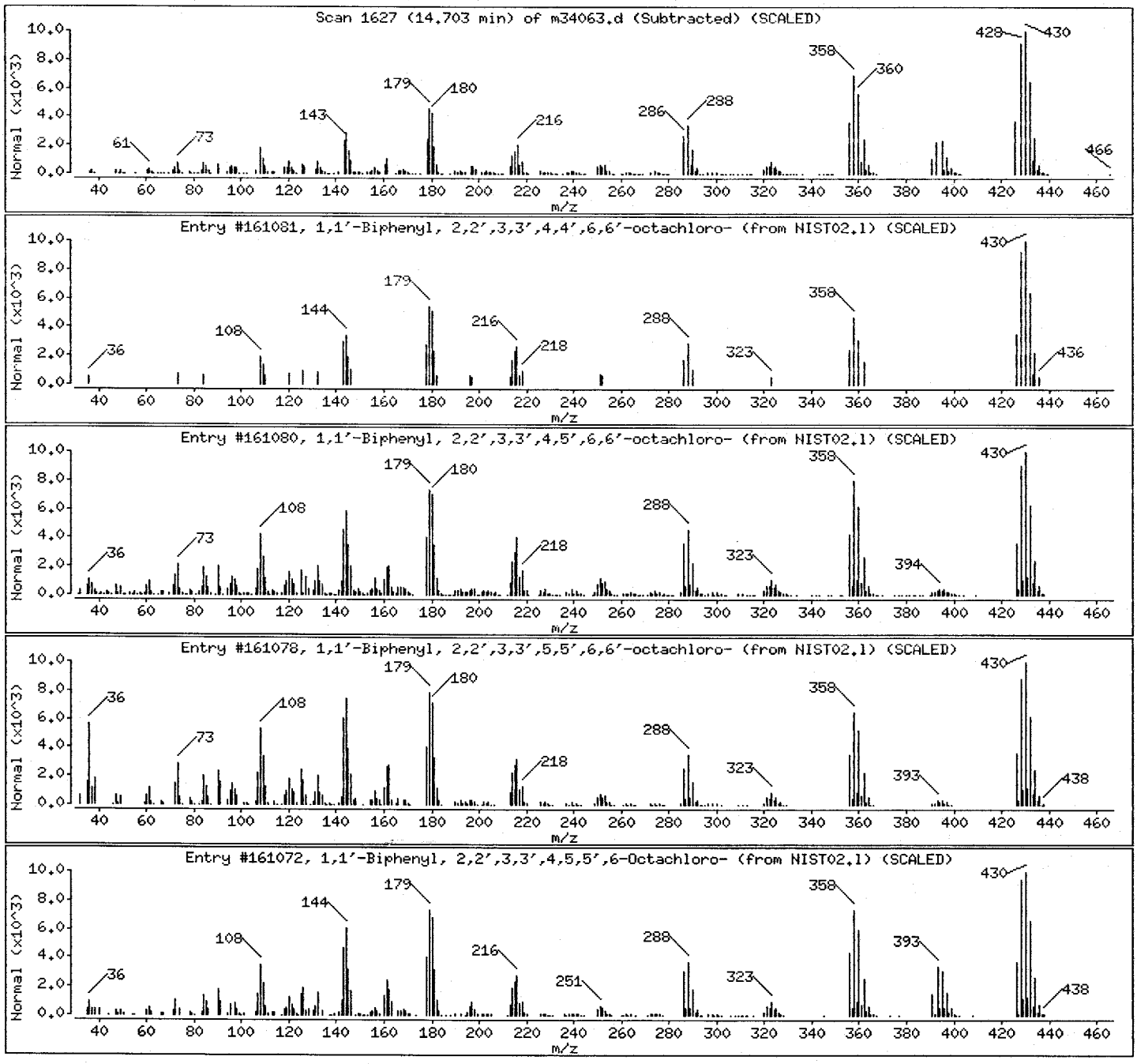
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	87	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6-Octach	68194-17-2	NIST02.l	161072	87	C12H2Cl8	426



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Date : 07-APR-2008 20:31

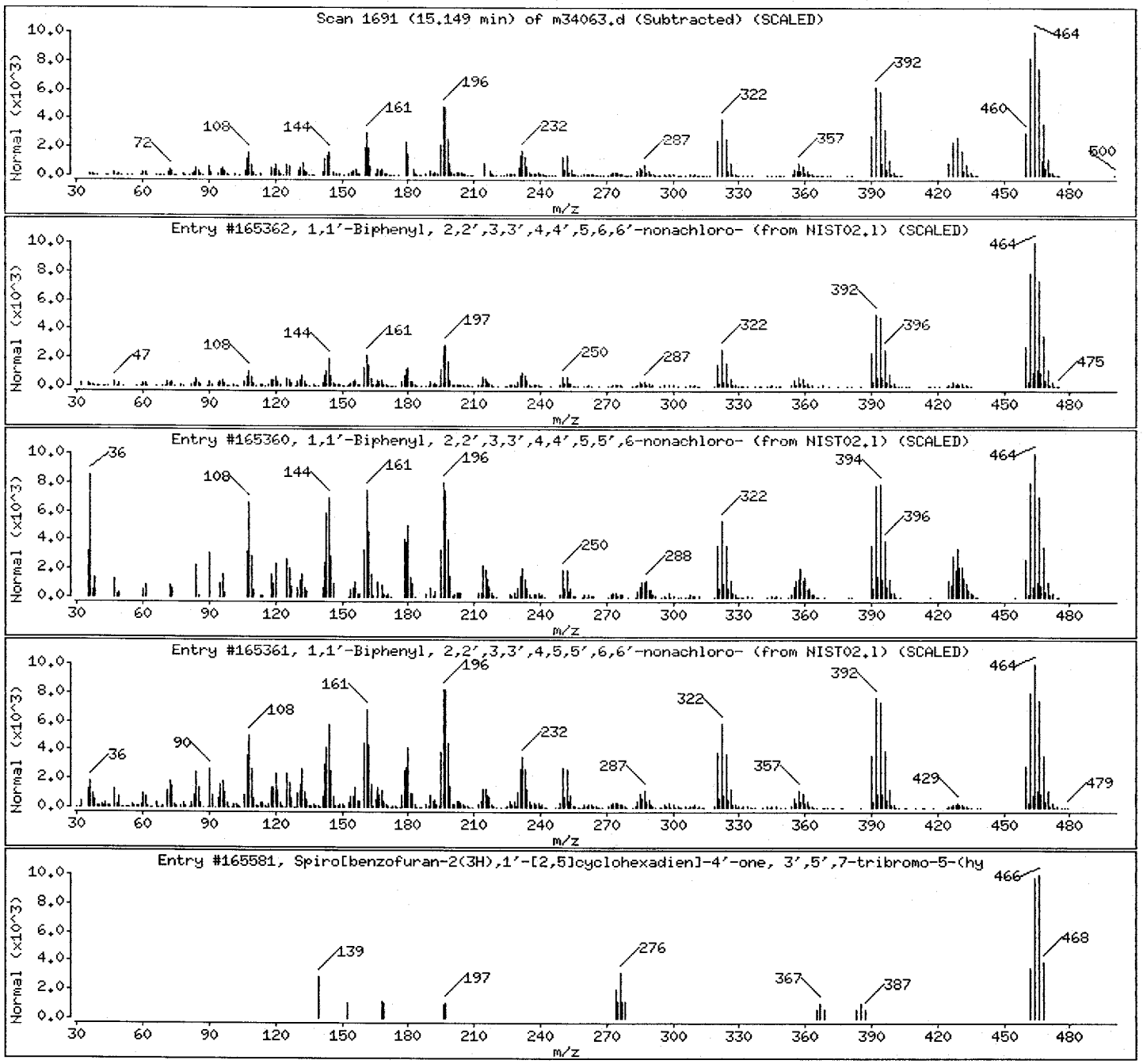
Client ID: 032508-1730 Instrument: BNAMS6.i

Sample Info: 908693;4225893

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Nonylchloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6,6'-non	52663-79-3	NIST02.l	165362	99	C12HCl9	460
1,1'-Biphenyl, 2,2',3,3',4,4',5,5',6-non	40186-72-9	NIST02.l	165360	86	C12HCl9	460
1,1'-Biphenyl, 2,2',3,3',4,5,5',6,6'-non	52663-77-1	NIST02.l	165361	49	C12HCl9	460
Spiro[benzofuran-2(3H),1'-[2,5]cyclohexa	52498-93-8	NIST02.l	165581	35	C14H9Br3O3	462



Client ID: **032508-1745**
Site: BP Hastings

Lab Sample No: **908694**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34064.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	1200
2-Chlorophenol	ND	1200
2-Methylphenol	ND	1200
4-Methylphenol	ND	1200
2-Nitrophenol	ND	1200
2,4-Dimethylphenol	ND	1200
2,4-Dichlorophenol	ND	1200
4-Chloro-3-methylphenol	ND	1200
2,4,6-Trichlorophenol	ND	1200
2,4,5-Trichlorophenol	ND	1200
2,4-Dinitrophenol	ND	3600
4-Nitrophenol	ND	3600
4,6-Dinitro-2-methylphenol	ND	3600
Pentachlorophenol	ND	3600

Client ID: **032508-1745**
Site: BP Hastings

Lab Sample No: **908694**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34064.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	120
1,3-Dichlorobenzene	ND	1200
1,4-Dichlorobenzene	ND	1200
1,2-Dichlorobenzene	ND	1200
bis(2-chloroisopropyl)ether	ND	1200
N-Nitroso-di-n-propylamine	ND	120
Hexachloroethane	ND	120
Nitrobenzene	ND	120
Isophorone	ND	1200
bis(2-Chloroethoxy)methane	ND	1200
1,2,4-Trichlorobenzene	ND	120
Naphthalene	210 J	1200
4-Chloroaniline	ND	1200
Hexachlorobutadiene	ND	240
2-Methylnaphthalene	110 J	1200
Hexachlorocyclopentadiene	ND	1200
2-Chloronaphthalene	470 J	1200
2-Nitroaniline	ND	2400
Dimethylphthalate	ND	1200
Acenaphthylene	58 J	1200
2,6-Dinitrotoluene	ND	240
3-Nitroaniline	ND	2400
Acenaphthene	240 J	1200
Dibenzofuran	110 J	1200
2,4-Dinitrotoluene	ND	240
Diethylphthalate	ND	1200
4-Chlorophenyl-phenylether	ND	1200
Fluorene	260 J	1200
4-Nitroaniline	ND	2400
N-Nitrosodiphenylamine	ND	1200
4-Bromophenyl-phenylether	ND	1200
Hexachlorobenzene	ND	120
Phenanthrene	2000	1200
Anthracene	450 J	1200

Client ID: **032508-1745**
Site: BP Hastings

Lab Sample No: **908694**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34064.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	170 J	1200
Di-n-butylphthalate	ND	1200
Fluoranthene	1600	1200
Pyrene	1900	1200
Butylbenzylphthalate	ND	1200
3,3'-Dichlorobenzidine	ND	2400
Benzo(a)anthracene	ND	120
Chrysene	ND	1200
bis(2-Ethylhexyl)phthalate	ND	1200
Di-n-octylphthalate	ND	1200
Benzo(b)fluoranthene	ND	120
Benzo(k)fluoranthene	ND	120
Benzo(a)pyrene	860	120
Indeno(1,2,3-cd)pyrene	170	120
Dibenz(a,h)anthracene	ND	120
Benzo(g,h,i)perylene	140 J	1200

Client ID: **032508-1745**
Site: BP Hastings

Lab Sample No: **908694**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34064.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Trichloro-1,1-biphenyl isomer	10.46	29000	
2. Tetrachloro-1,1-biphenyl isomer	11.32	28000	
3. Hexachloro-1,1'-biphenyl isomer	12.35	38000	
4. Hexachloro-1,1'-biphenyl isomer	12.58	55000	
5. Hexachloro-1,1'-biphenyl isomer	12.70	28000	
6. Hexachloro-1,1'-biphenyl isomer	12.79	58000	
7. Heptachloro-1,1'-biphenyl isomer	12.95	37000	
8. Heptachloro-1,1'-biphenyl isomer	13.19	38000	
9. Unknown	13.22	28000	
10. Unknown	13.26	72000	
11. Heptachloro-1,1'-biphenyl isomer	13.44	94000	
12. Heptachloro-1,1'-biphenyl isomer	13.50	66000	
13. Octachloro-1,1'-biphenyl isomer	13.52	87000	
14. Heptachloro-1,1'-biphenyl isomer	13.69	140000	
15. Unknown	13.72	72000	
16. Heptachloro-1,1'-biphenyl isomer	14.01	70000	
17. Octachloro-1,1'-biphenyl isomer	14.10	150000	
18. Octachloro-1,1'-biphenyl isomer	14.18	130000	
19. Octachloro-1,1'-biphenyl isomer	14.70	140000	
20. Nonylchloro-1,1'-biphenyl isomer	15.16	130000	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	1490000

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d
Report Date: 10-Apr-2008 20:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d
Lab Smp Id: 908694 Client Smp ID: 032508-1745
Inj Date : 07-APR-2008 20:55
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : 908694;4225894
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/8270C_08.m
Meth Date : 08-Apr-2008 11:13 monica Quant Type: ISTD
Cal Date : 02-APR-2008 22:21 Cal File: m33969.d
Als bottle: 13
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50

WB

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	44.00000	% Moisture

Cpnd Variable Local Compound Variable

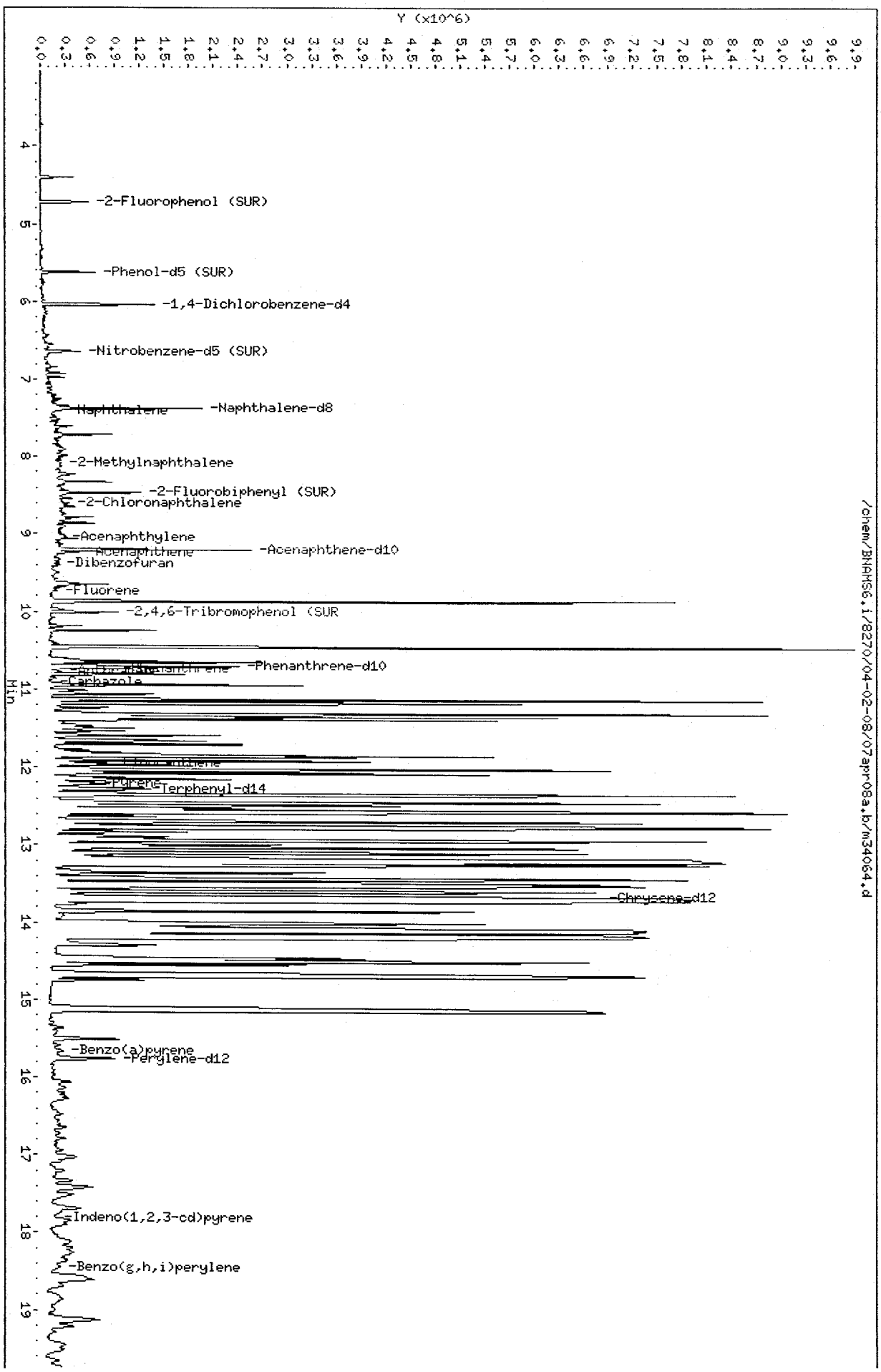
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.727	4.727	(0.782)	217537	27.9267	6600
$ 17 Phenol-d5 (SUR)	99	5.624	5.636	(0.931)	286744	27.7097	6600
* 79 1,4-Dichlorobenzene-d4	152	6.044	6.046	(1.000)	249893	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	6.640	6.650	(0.900)	126633	15.4945	3700
* 80 Naphthalene-d8	136	7.381	7.384	(1.000)	951405	40.0000	
31 Naphthalene	128	7.403	7.406	(1.003)	20744	0.88202	210(a)
34 2-Methylnaphthalene	142	8.101	8.103	(1.098)	7446	0.47077	110(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.466	8.472	(0.920)	295286	16.3658	3900
36 2-Chloronaphthalene	162	8.606	8.614	(0.935)	30722	1.98485	470(a)
39 Acenaphthylene	152	9.050	9.053	(0.983)	6199	0.24475	58(a)
* 82 Acenaphthene-d10	164	9.204	9.202	(1.000)	608696	40.0000	
42 Acenaphthene	154	9.232	9.239	(1.003)	17211	1.03047	240(a)
43 Dibenzofuran	168	9.384	9.395	(1.019)	11328	0.47419	110(a)
47 Fluorene	166	9.738	9.748	(1.058)	20390	1.08516	260(aH)

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d
Report Date: 10-Apr-2008 20:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$	18 2,4,6-Tribromophenol (SUR)	330	10.009	10.016	(1.087)	98931	26.9462	6400
*	83 Phenanthrene-d10	188	10.704	10.708	(1.000)	995813	40.0000	
	52 Phenanthrene	178	10.731	10.731	(1.003)	249624	8.29308	2000
	53 Anthracene	178	10.773	10.776	(1.006)	56935	1.88818	450(a)
	54 Carbazole	167	10.912	10.922	(1.020)	19938	0.71618	170(a)
	56 Fluoranthene	202	11.946	11.948	(1.116)	198496	6.68410	1600
	57 Pyrene	202	12.205	12.193	(0.897)	208933	8.12870	1900
$	78 Terphenyl-d14	244	12.289	12.282	(0.903)	363569	18.6608	4400
*	81 Chrysene-d12	240	13.665	13.629	(1.000)	930390	40.0000	(H)
	67 Benzo(a)pyrene	252	15.665	15.661	(0.994)	43965	3.61242	860
*	84 Perylene-d12	264	15.763	15.756	(1.000)	429684	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.805	17.840	(1.130)	8789	0.73253	170
	70 Benzo(g,h,i)perylene	276	18.447	18.474	(1.170)	5824	0.60057	140(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.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Date : 07-APR-2008 20:55
Client ID: 032508-1745
Sample Info: 908694;4225894
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Methylnaphthalene
-2-Fluorobiphenyl (SUR)
-2-Chloronaphthalene
-Acenaphthylene
-Acenaphthene-d10
-Dibenzofuran
-Fluorene
-2,4,6-Tribromophenol (SUR
-Phenanthrene-d10
-Carbazole
-Pyrene
-Terphenyl-d14
-Chrysene-d12
-Benzo(a)pyrene
-Perylene-d12
-Indeno(1,2,3-cd)pyrene
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

Client ID: 032508-1745

Instrument: BNAMS6.i

Sample Info: 908694;4225894

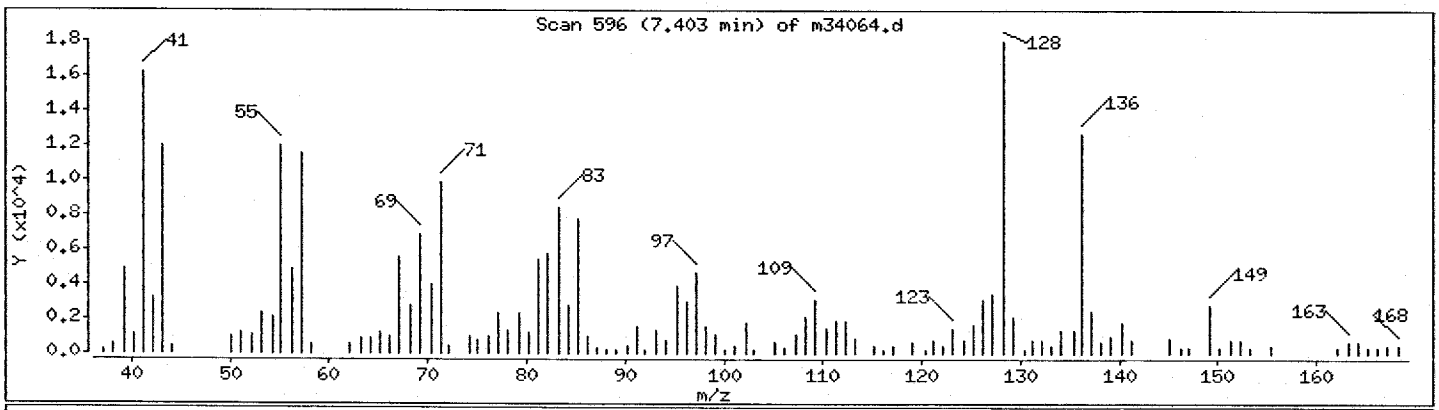
Operator: BNAMS 4

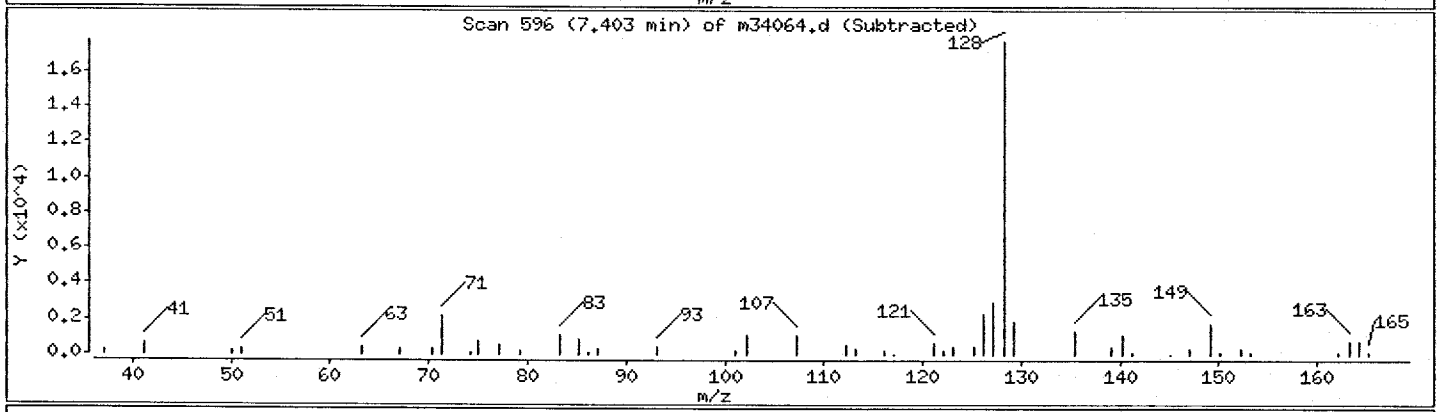
Column phase: DB-5

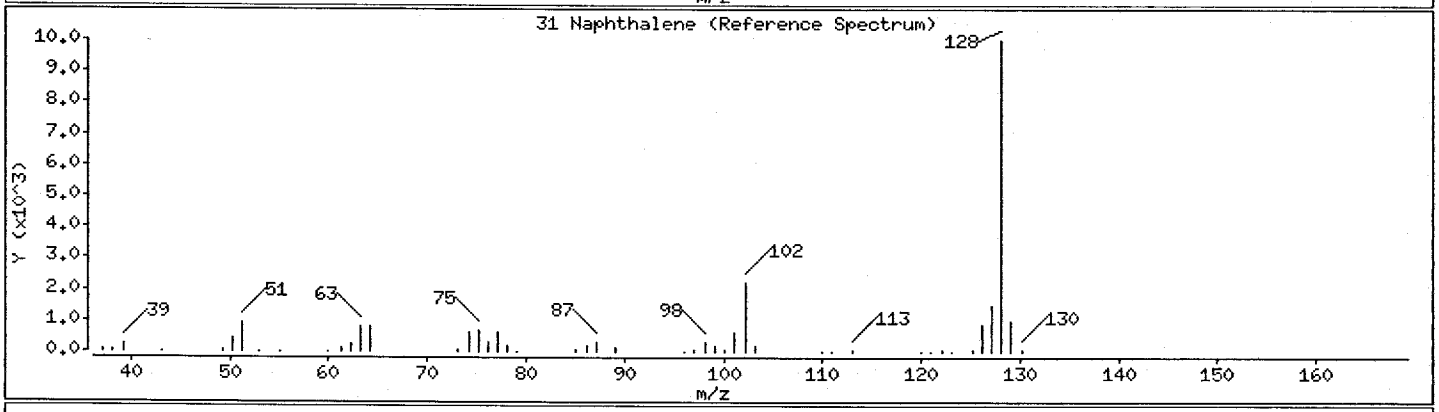
Column diameter: 0.25

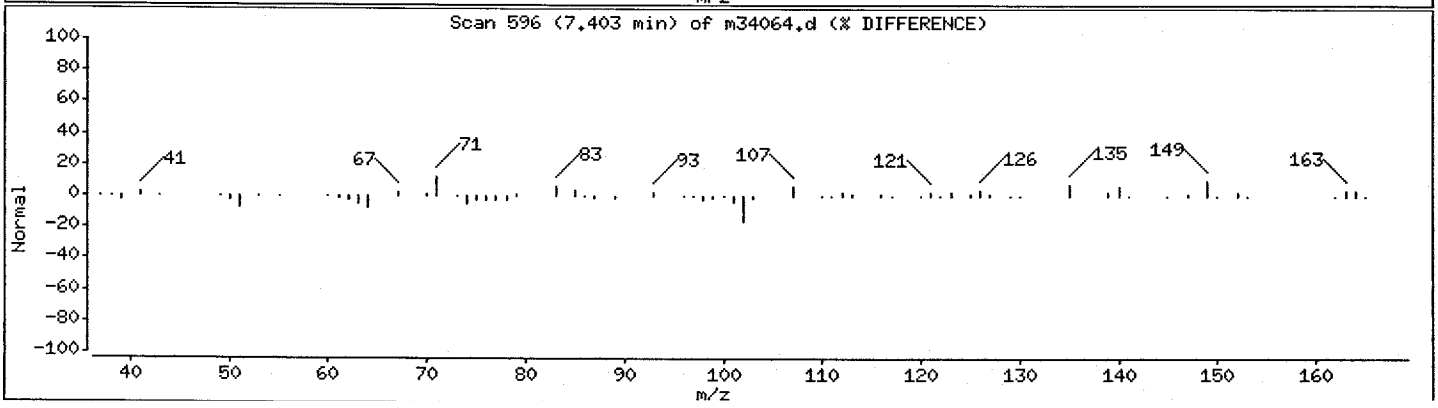
31 Naphthalene

Concentration: 210 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

Client ID: 032508-1745

Instrument: BNAMS6.i

Sample Info: 908694;4225894

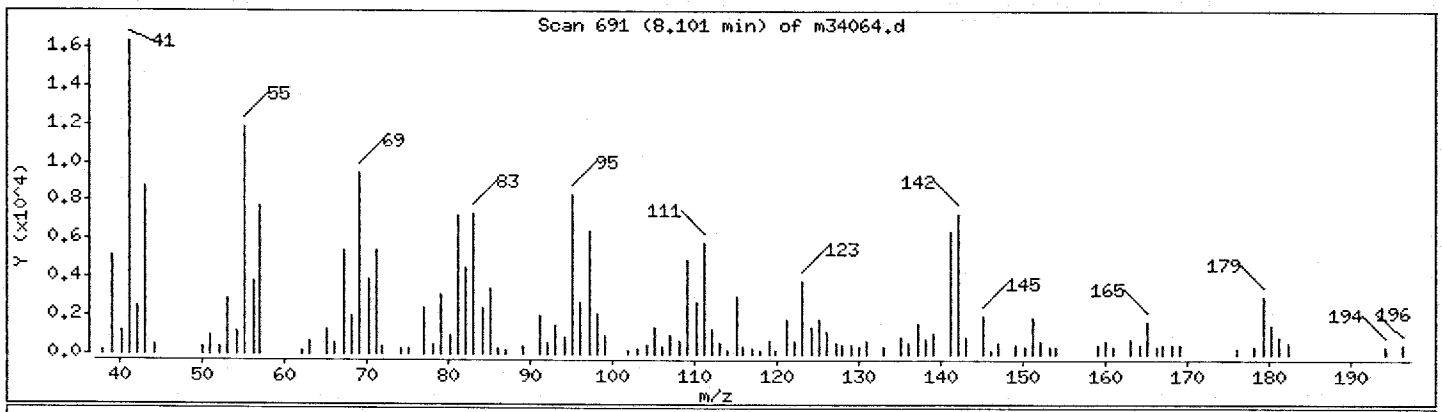
Operator: BNAMS 4

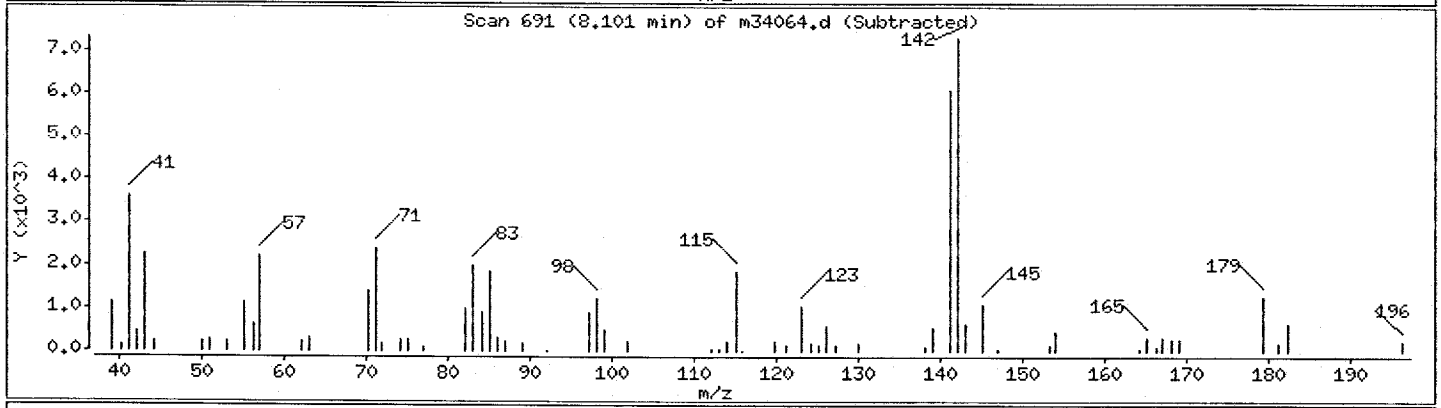
Column phase: DB-5

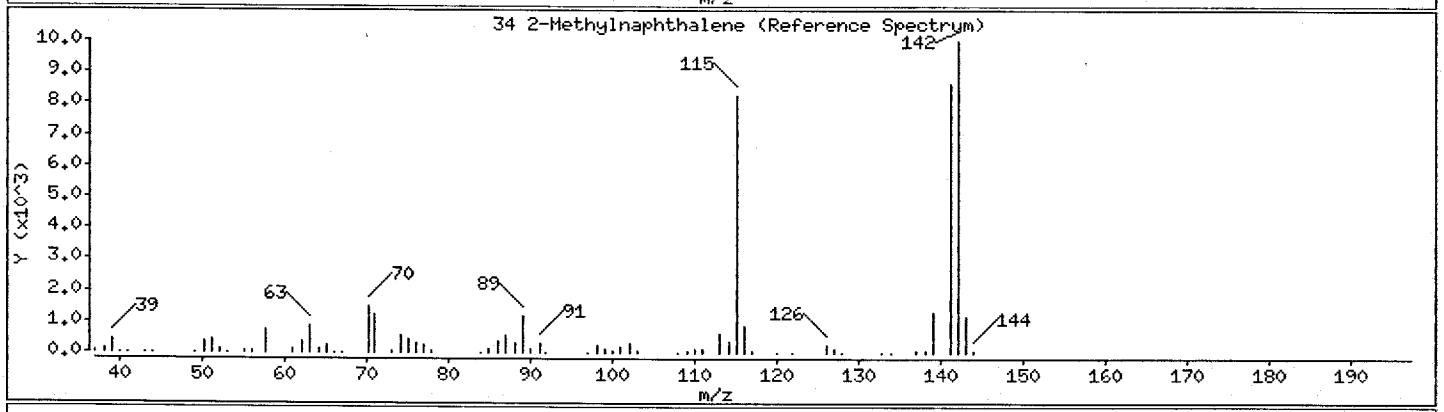
Column diameter: 0.25

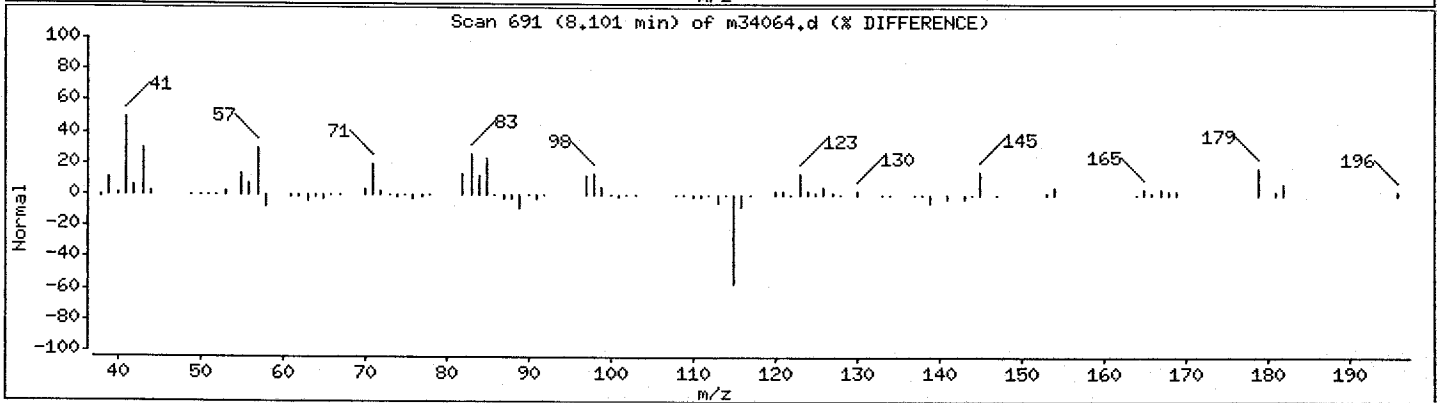
34 2-Methylnaphthalene

Concentration: 110 ug/Kg









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Date : 07-APR-2008 20:55

Client ID: 032508-1745

Instrument: BNAMS6.i

Sample Info: 908694;4225894

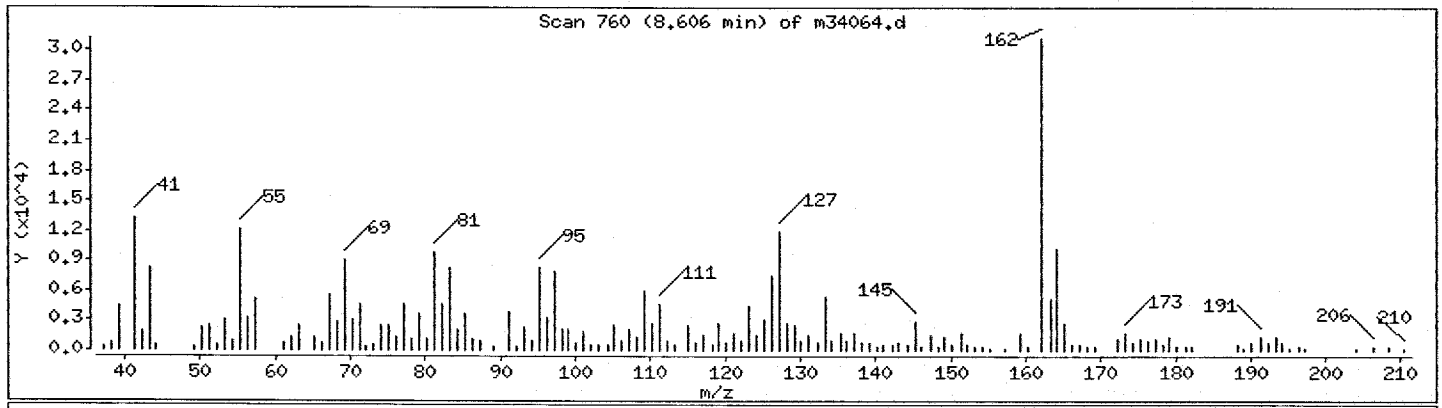
Operator: BNAMS 4

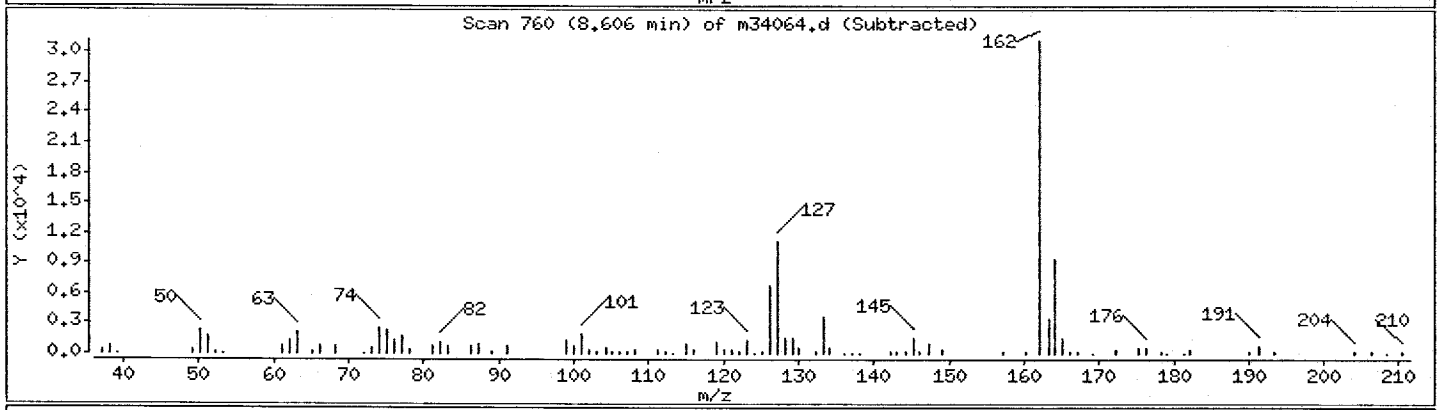
Column phase: DB-5

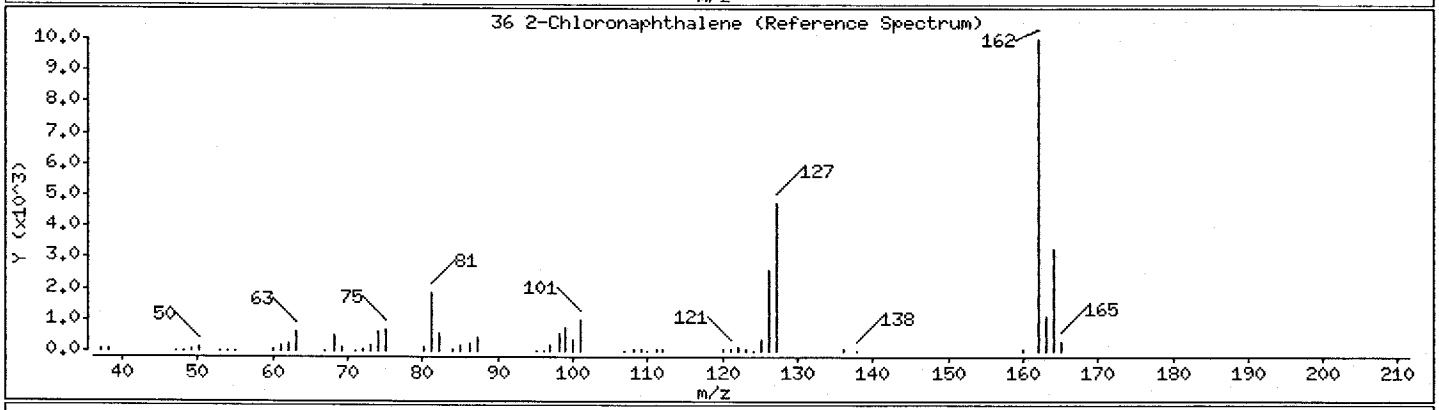
Column diameter: 0.25

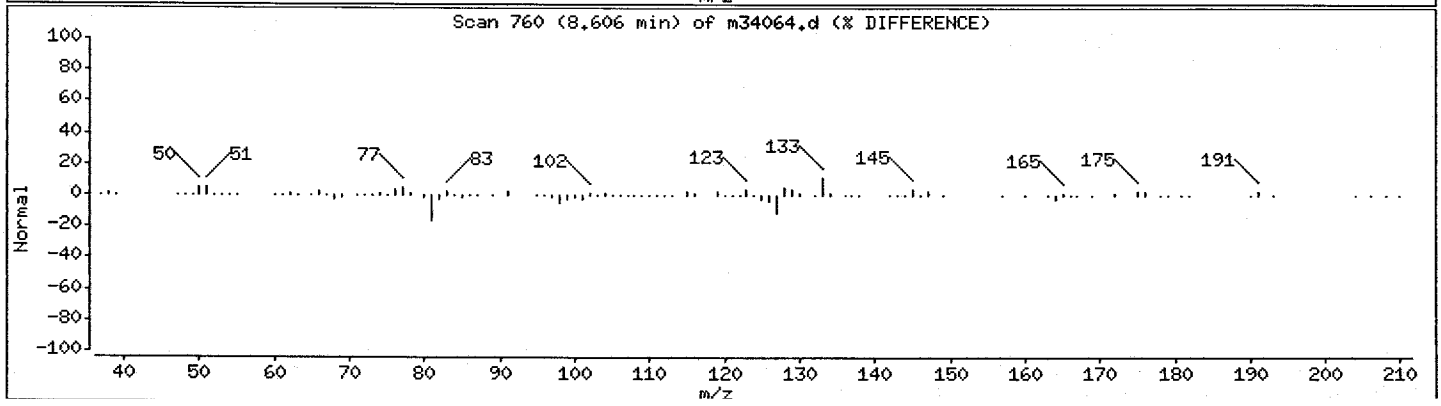
36 2-Chloronaphthalene

Concentration: 470 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

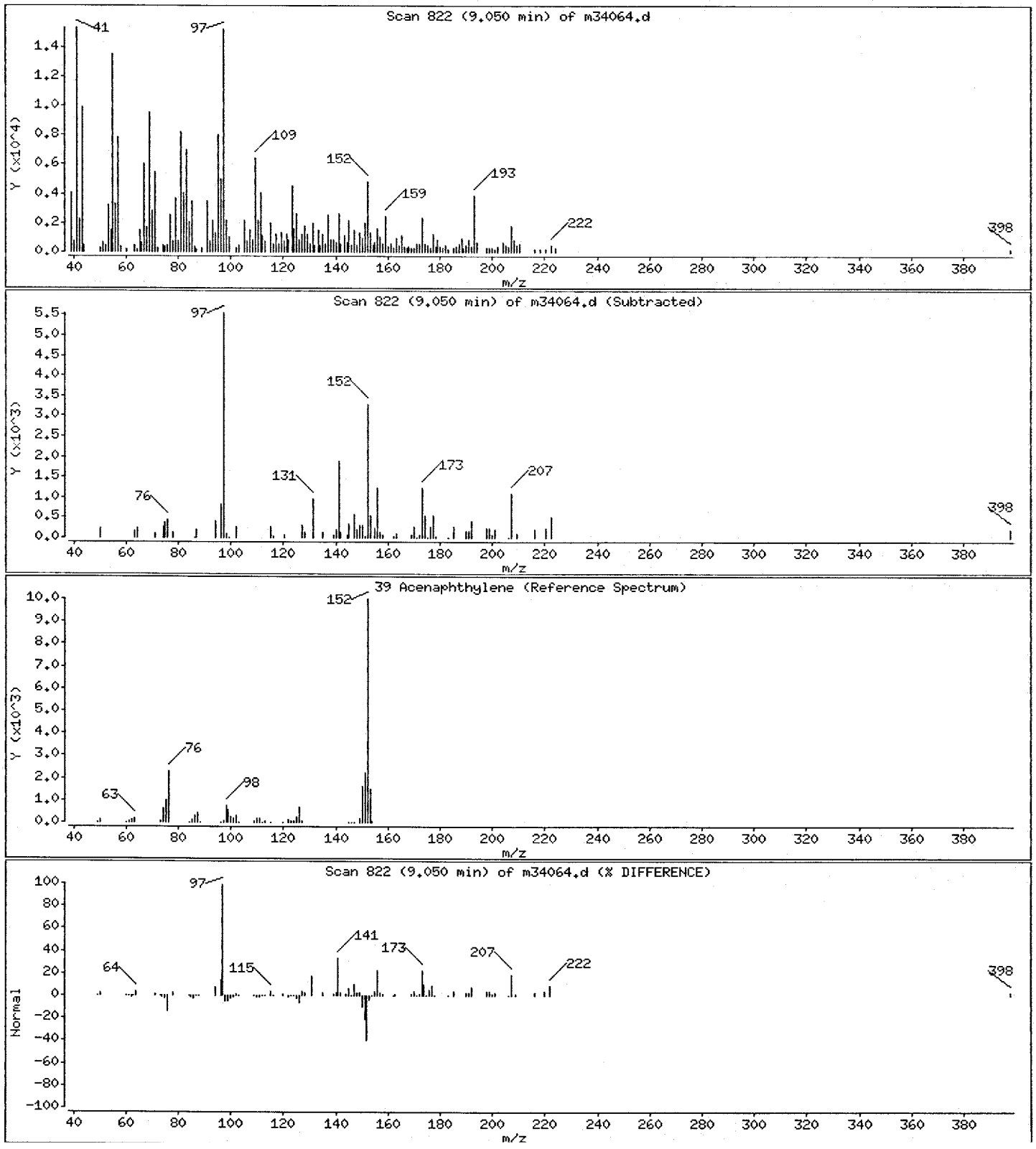
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

39 Acenaphthylene Concentration: 58 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

Client ID: 032508-1745

Instrument: BNAMS6.i

Sample Info: 908694;4225894

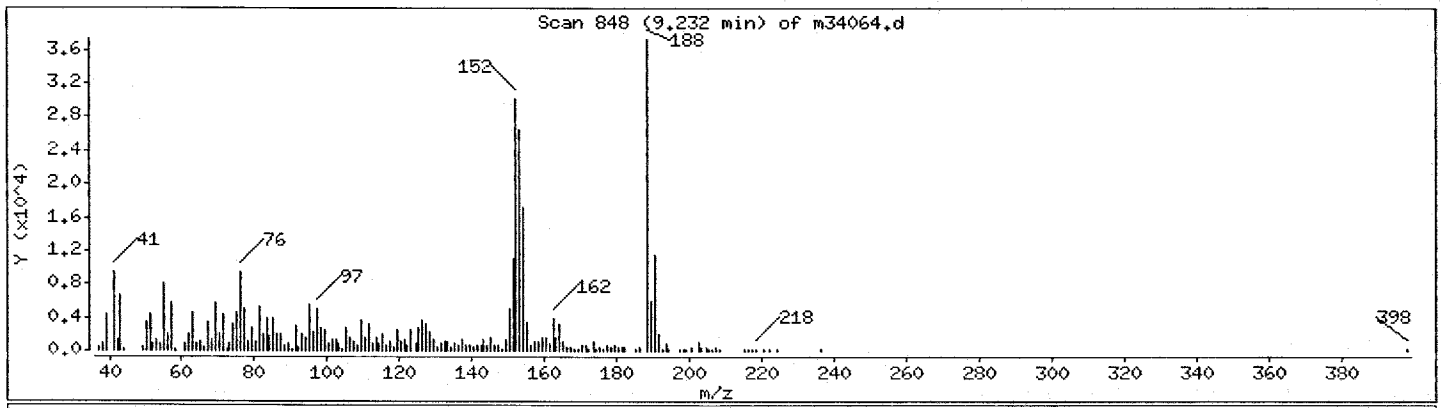
Operator: BNAMS 4

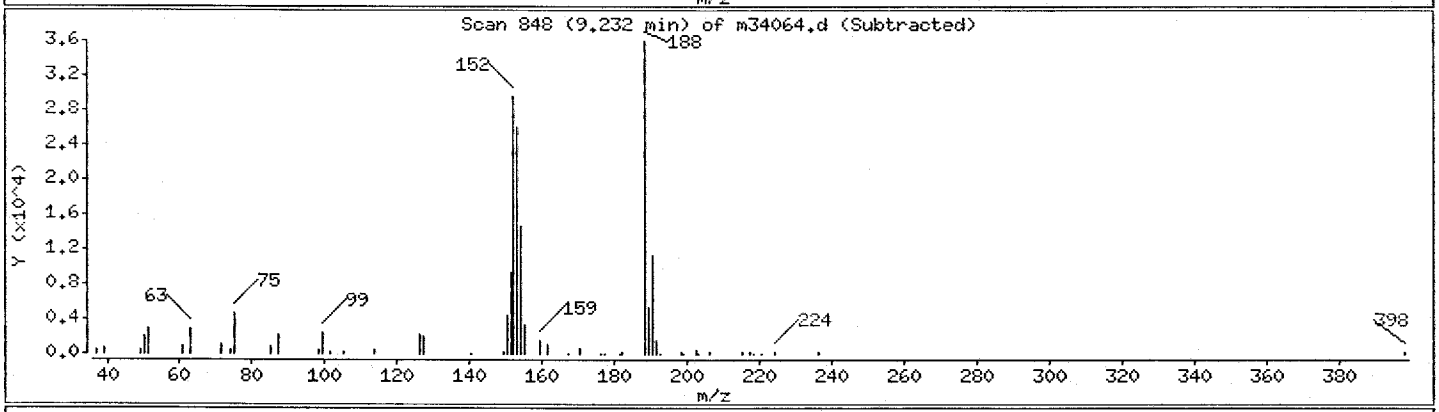
Column phase: DB-5

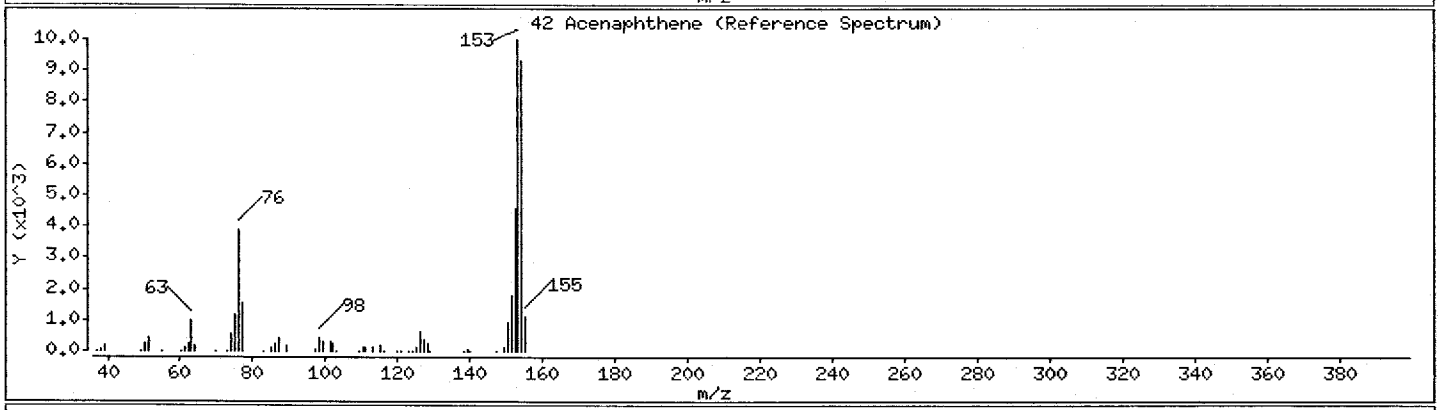
Column diameter: 0.25

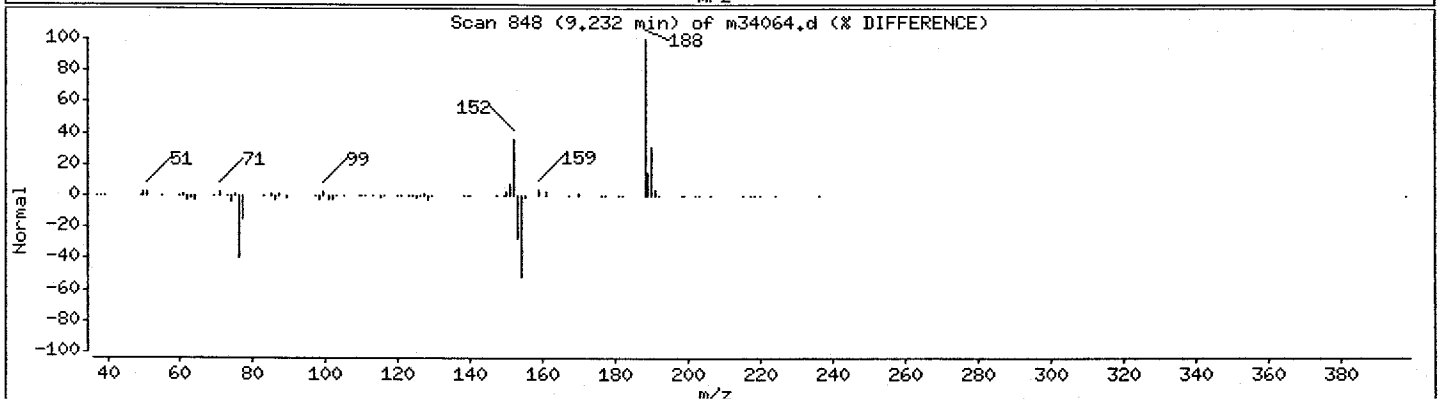
42 Acenaphthene

Concentration: 240 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

Client ID: 032508-1745

Instrument: BNAMS6.i

Sample Info: 908694;4225894

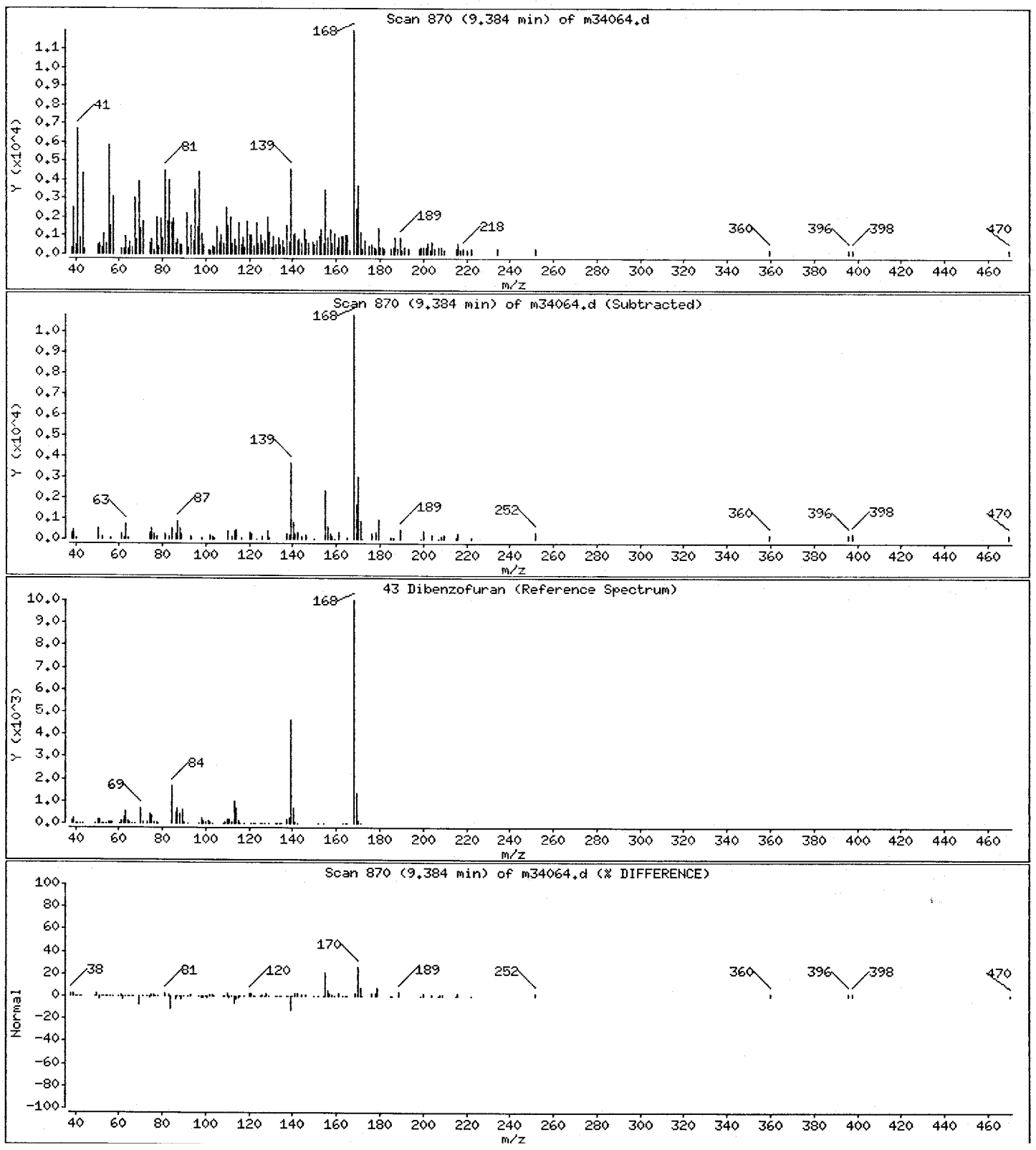
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

43 Dibenzofuran

Concentration: 110 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

Client ID: 032508-1745

Instrument: BNAMS6.i

Sample Info: 908694;4225894

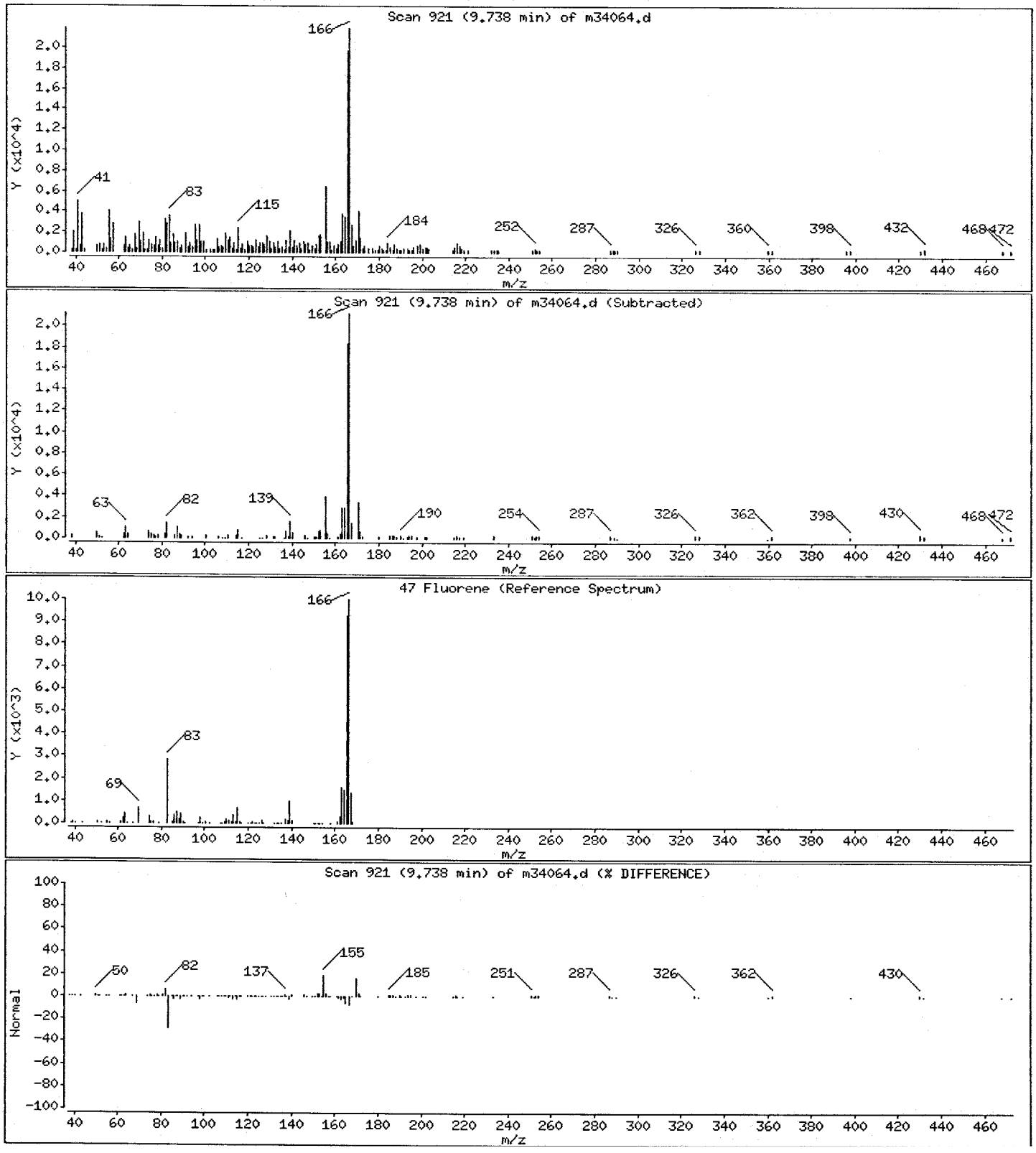
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

47 Fluorene

Concentration: 260 ug/Kg



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Date : 07-APR-2008 20:55

Client ID: 032508-1745

Instrument: BNAMS6.i

Sample Info: 908694;4225894

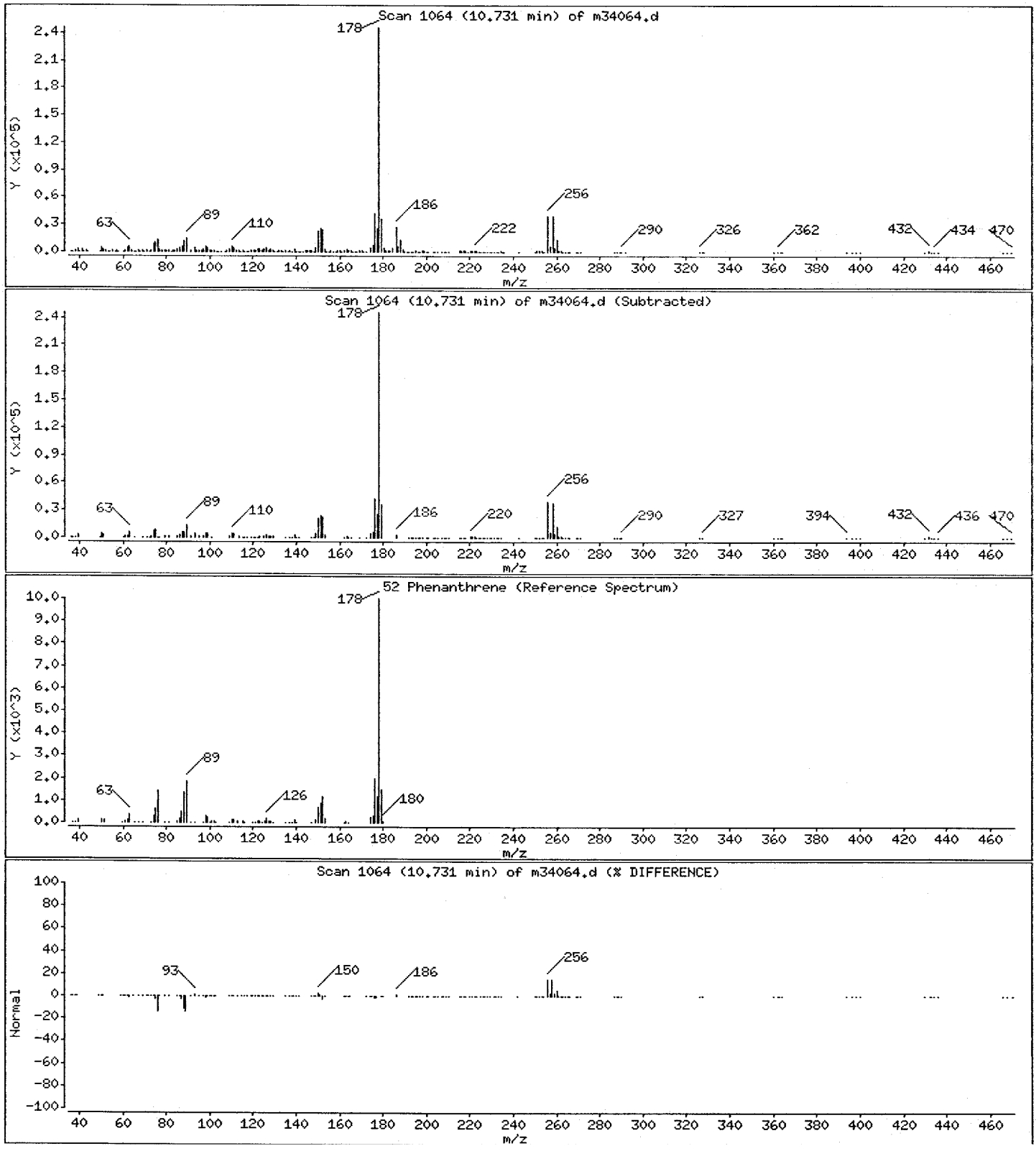
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

52 Phenanthrene

Concentration: 2000 ug/Kg



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Date : 07-APR-2008 20:55

Client ID: 032508-1745

Instrument: BNAMS6.i

Sample Info: 908694;4225894

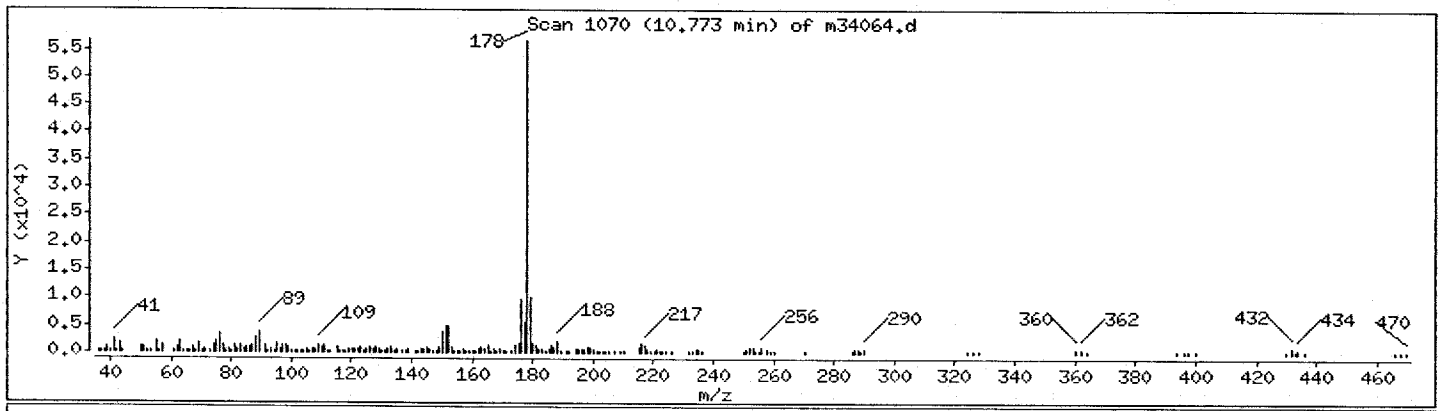
Operator: BNAMS 4

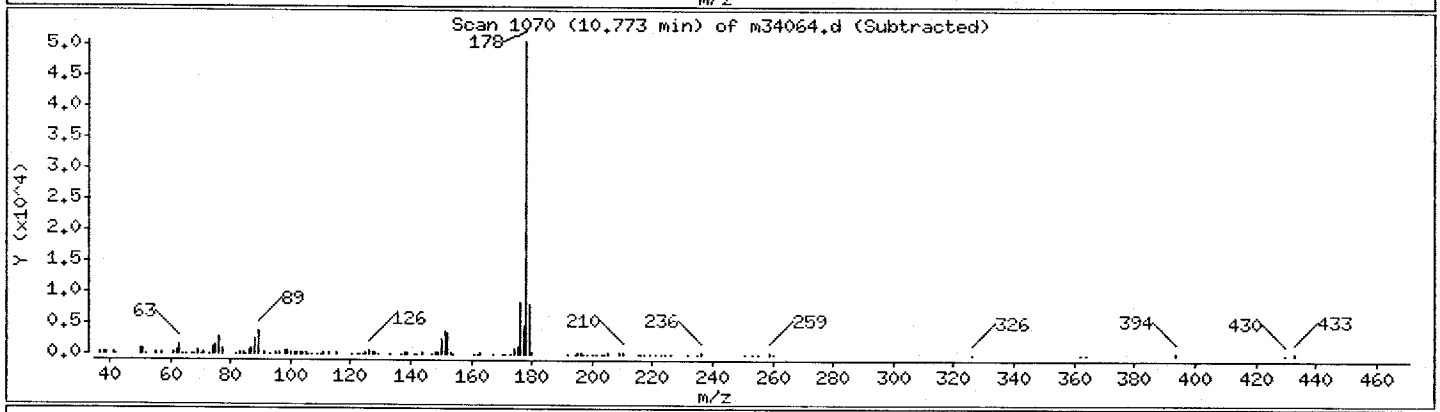
Column phase: DB-5

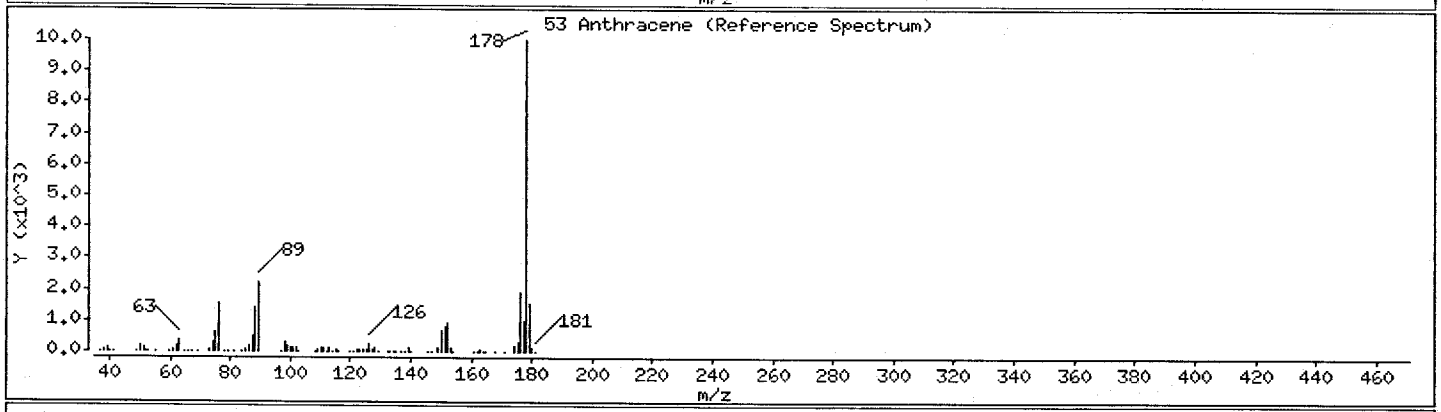
Column diameter: 0.25

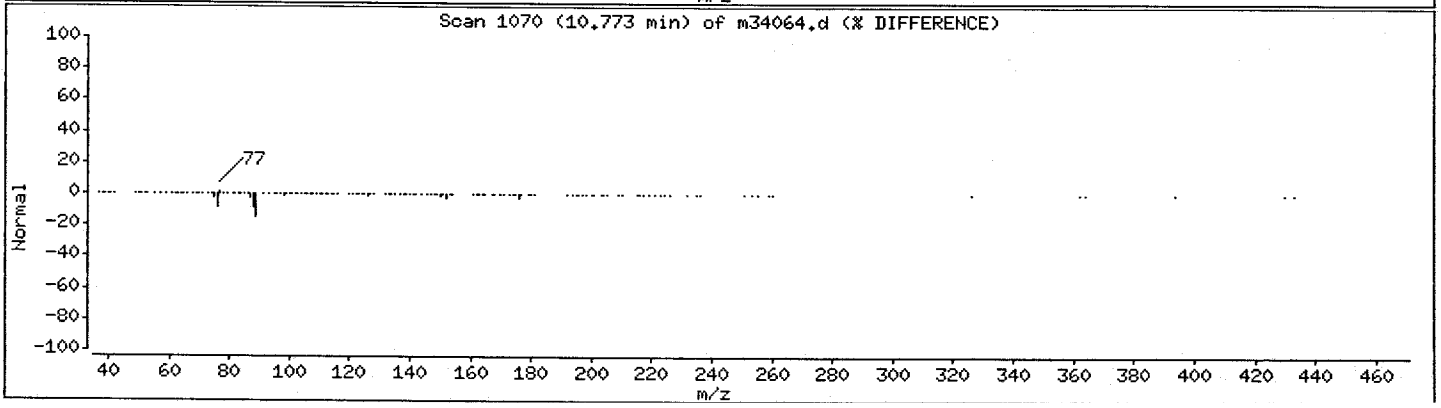
53 Anthracene

Concentration: 450 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

Client ID: 032508-1745

Instrument: BNAMS6.i

Sample Info: 908694;4225894

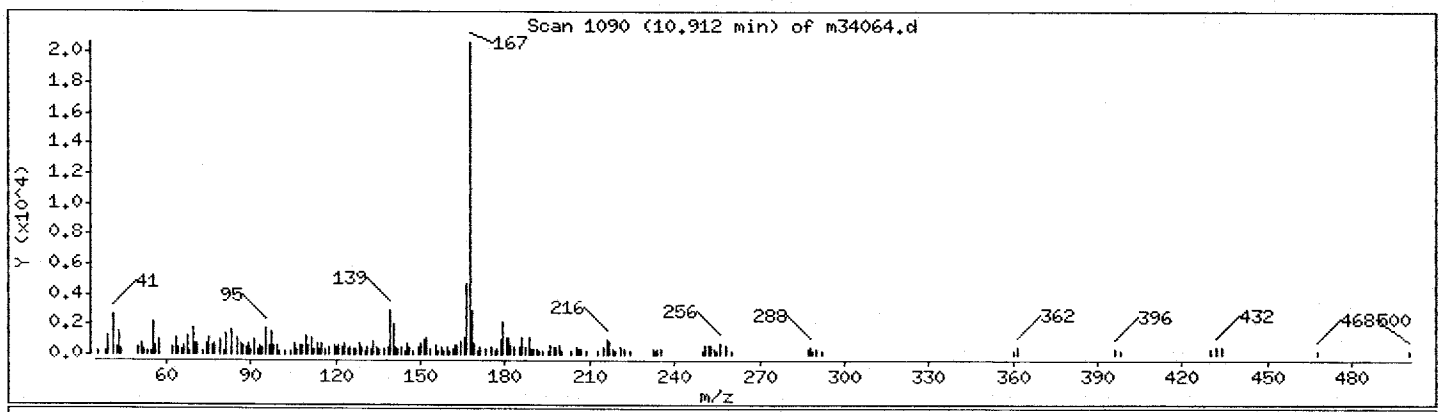
Operator: BNAMS 4

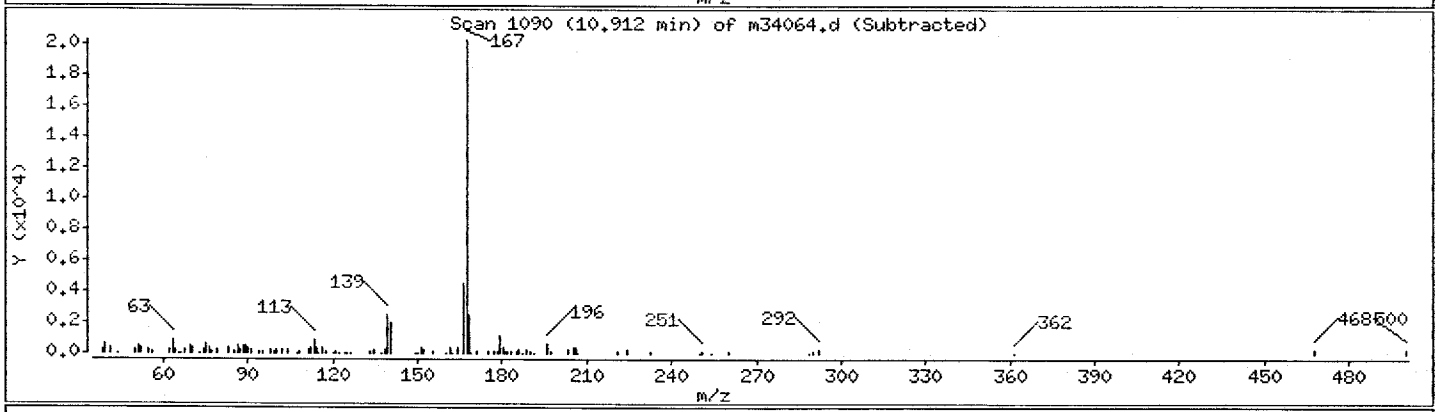
Column phase: DB-5

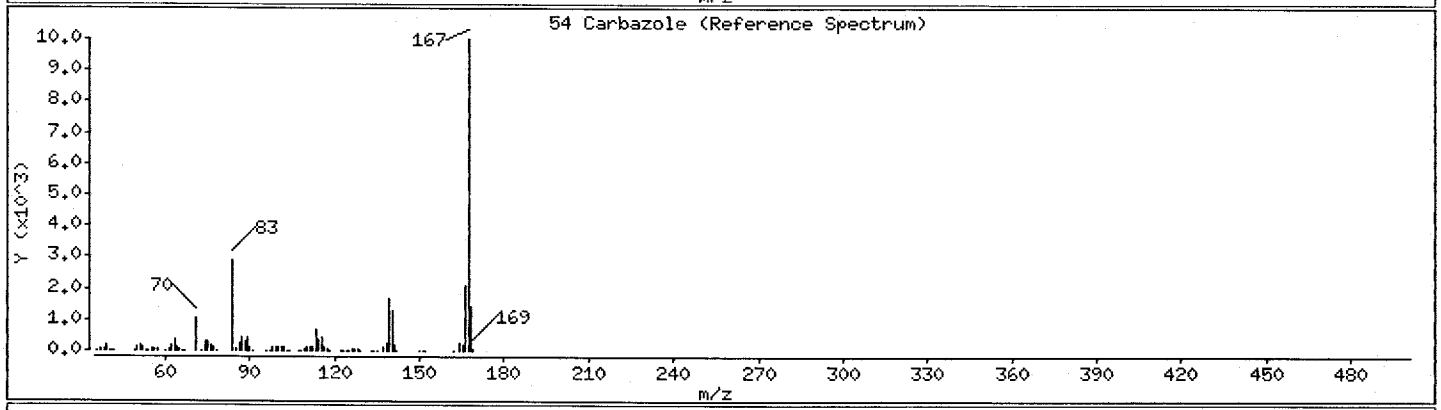
Column diameter: 0.25

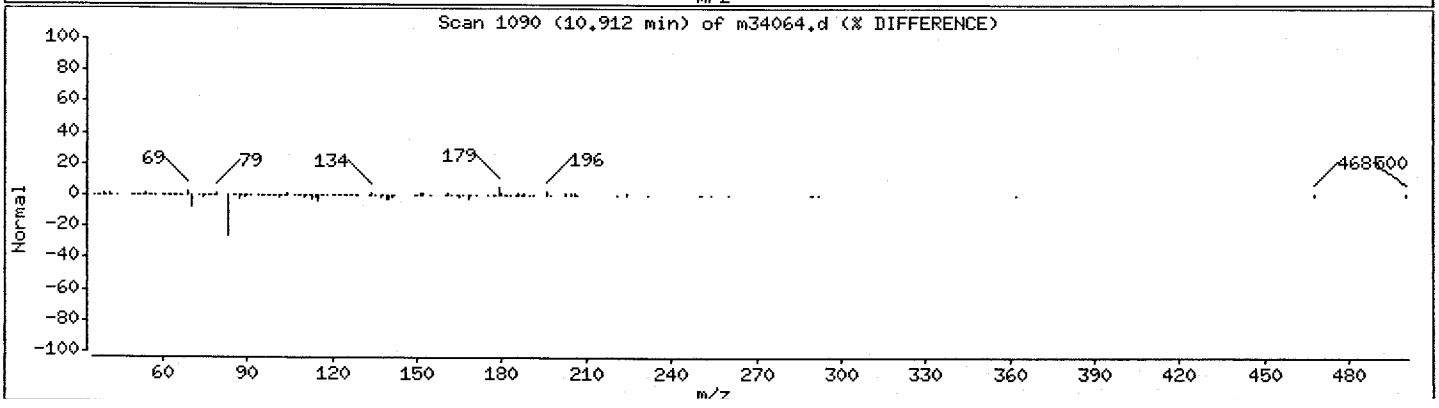
54 Carbazole

Concentration: 170 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

Client ID: 032508-1745

Instrument: BNAMS6.i

Sample Info: 908694;4225894

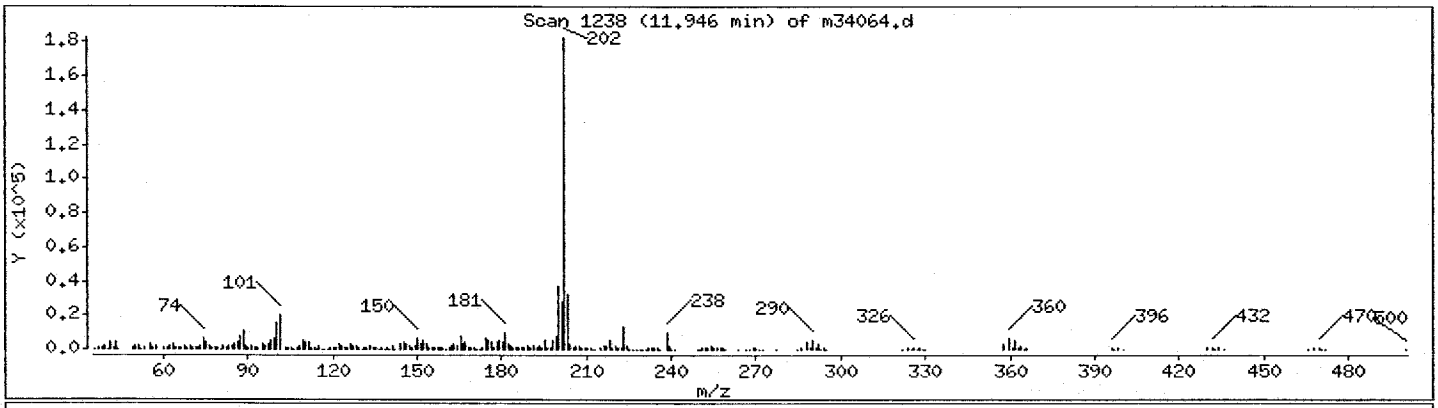
Operator: BNAMS 4

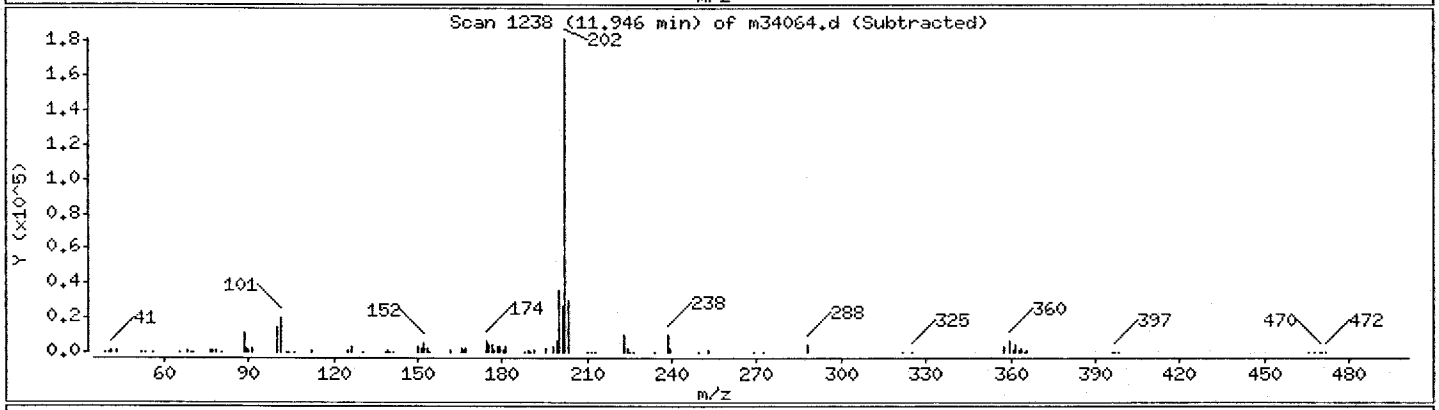
Column phase: DB-5

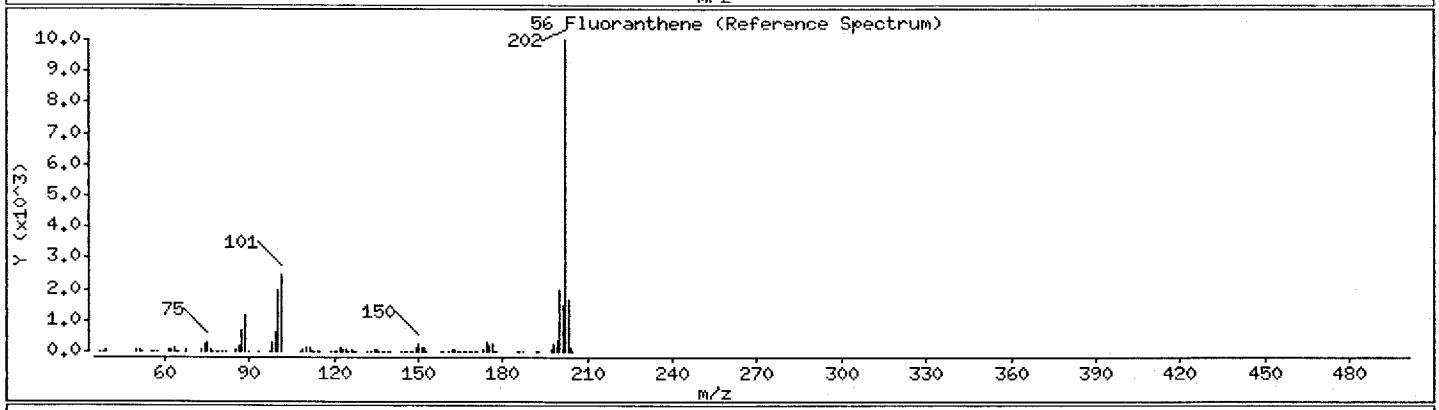
Column diameter: 0.25

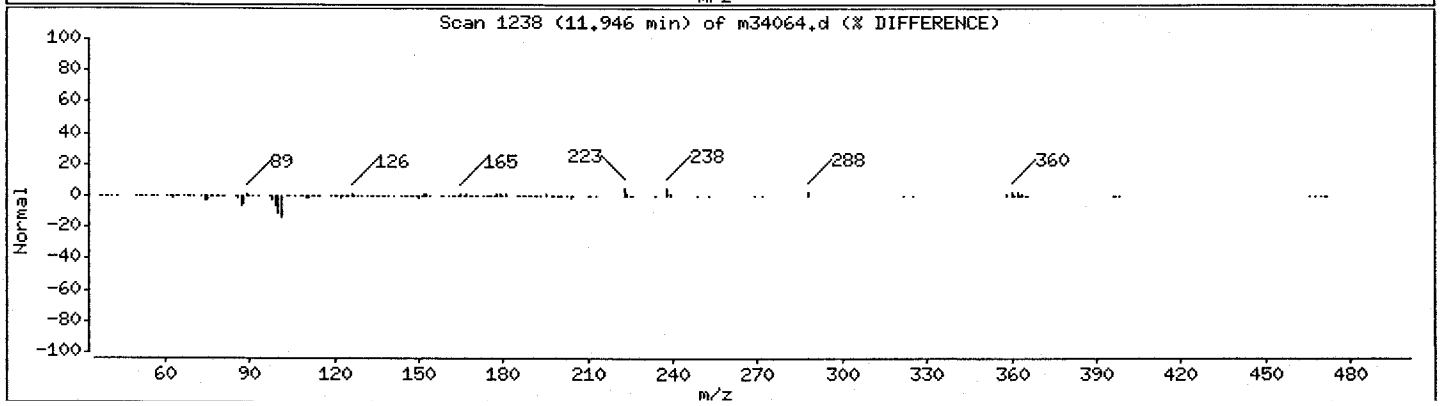
56 Fluoranthene

Concentration: 1600 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

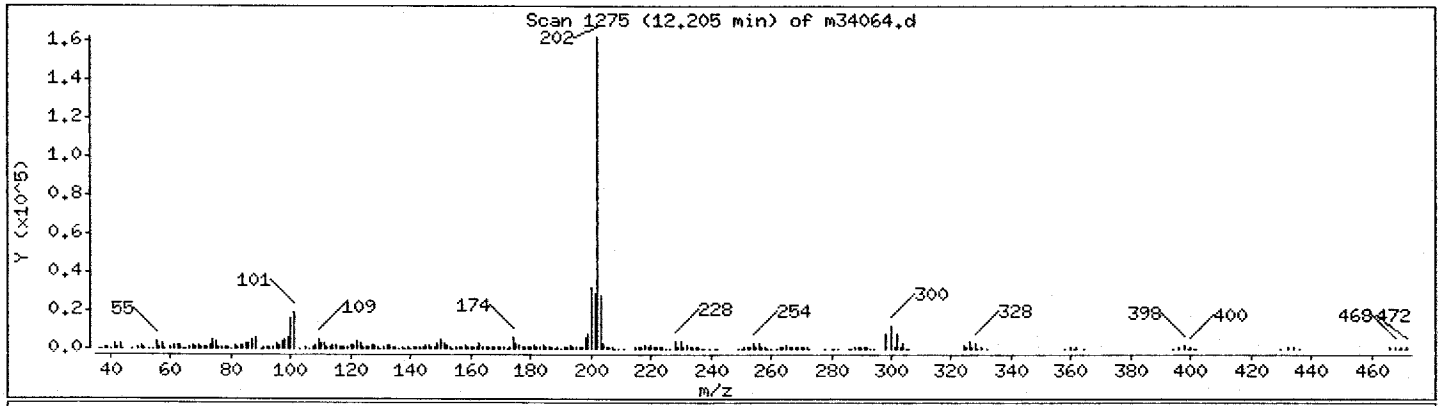
Client ID: 032508-1745 Instrument: BNAMS6.i

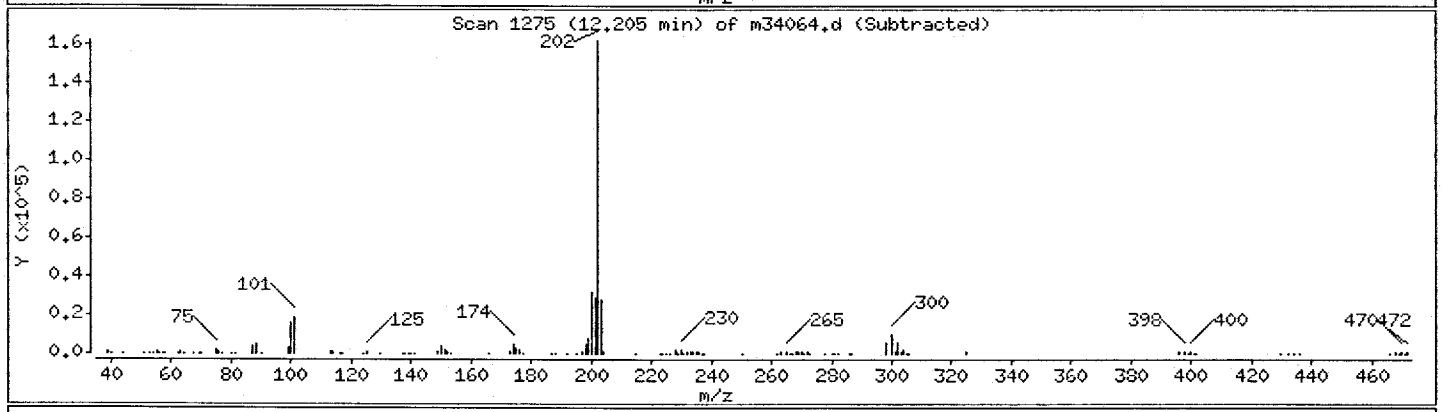
Sample Info: 908694;4225894

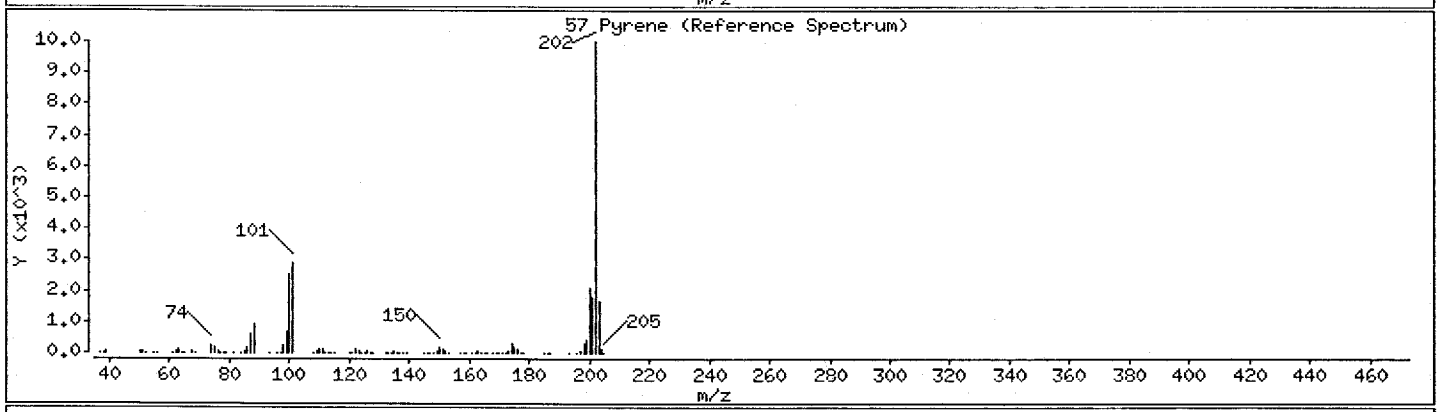
Operator: BNAMS 4

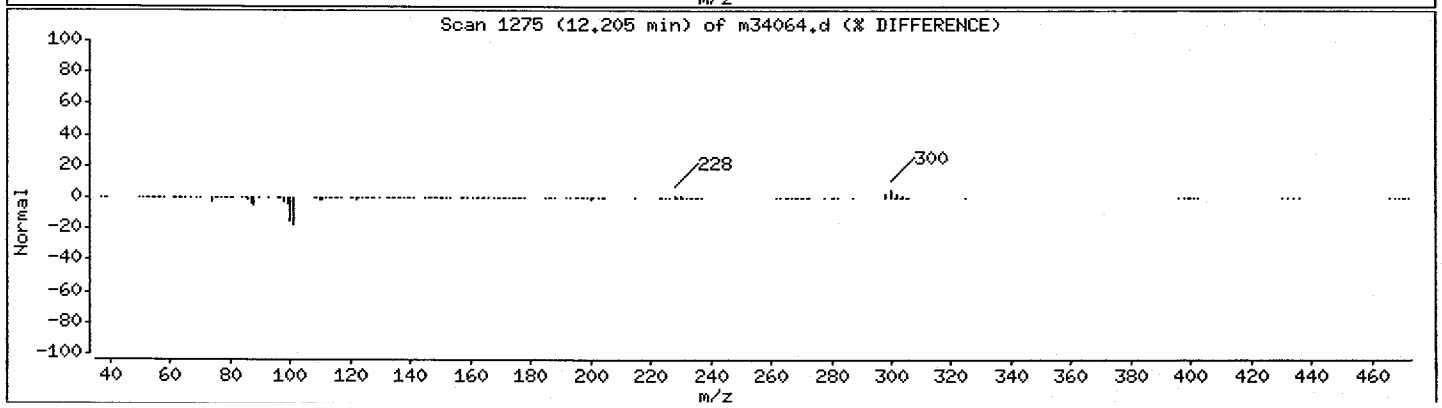
Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 1900 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

Client ID: 032508-1745

Instrument: BNAMS6.i

Sample Info: 908694;4225894

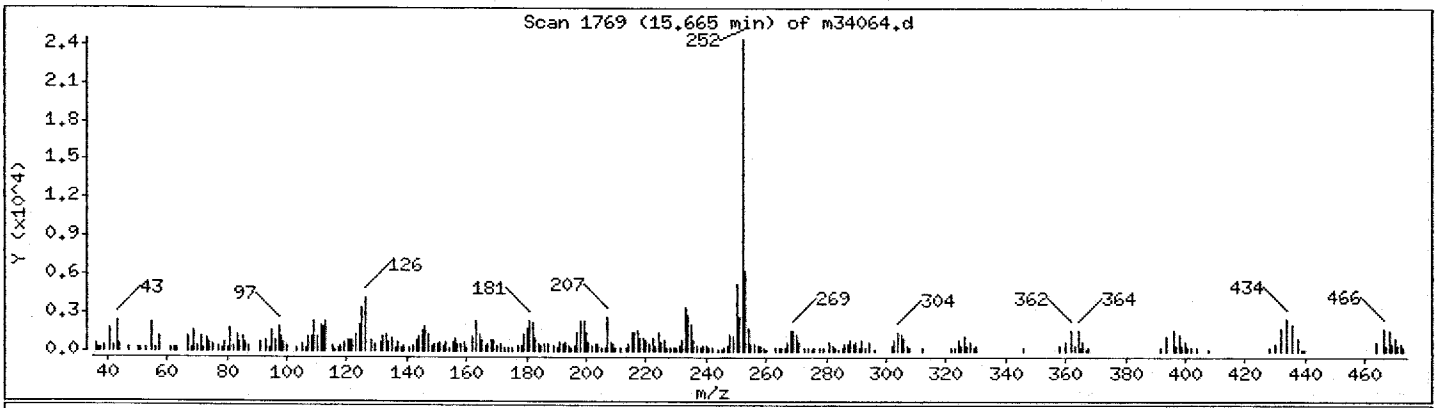
Operator: BNAMS 4

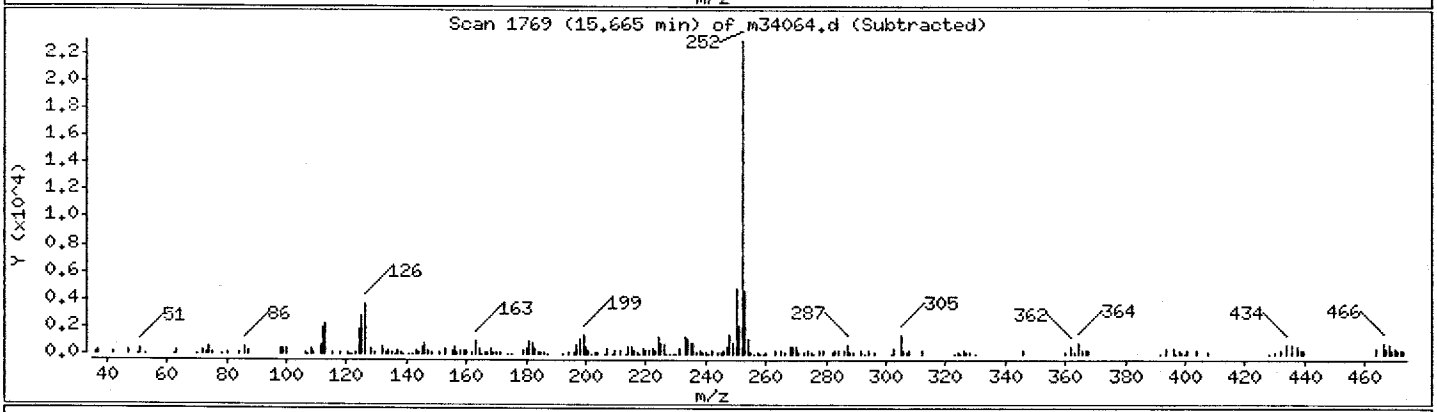
Column phase: DB-5

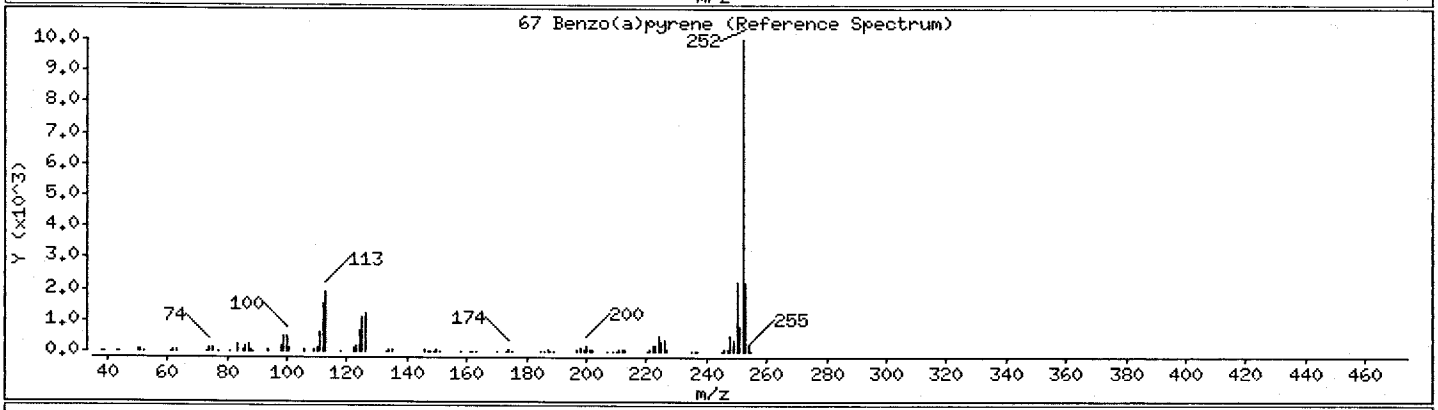
Column diameter: 0.25

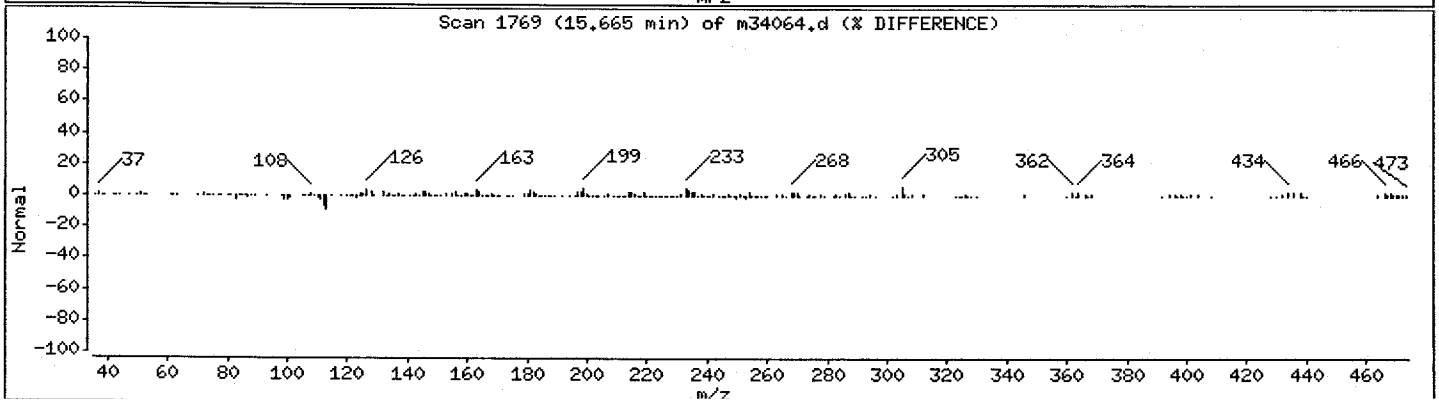
67 Benzo(a)pyrene

Concentration: 860 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

Client ID: 032508-1745

Instrument: BNAMS6.i

Sample Info: 908694;4225894

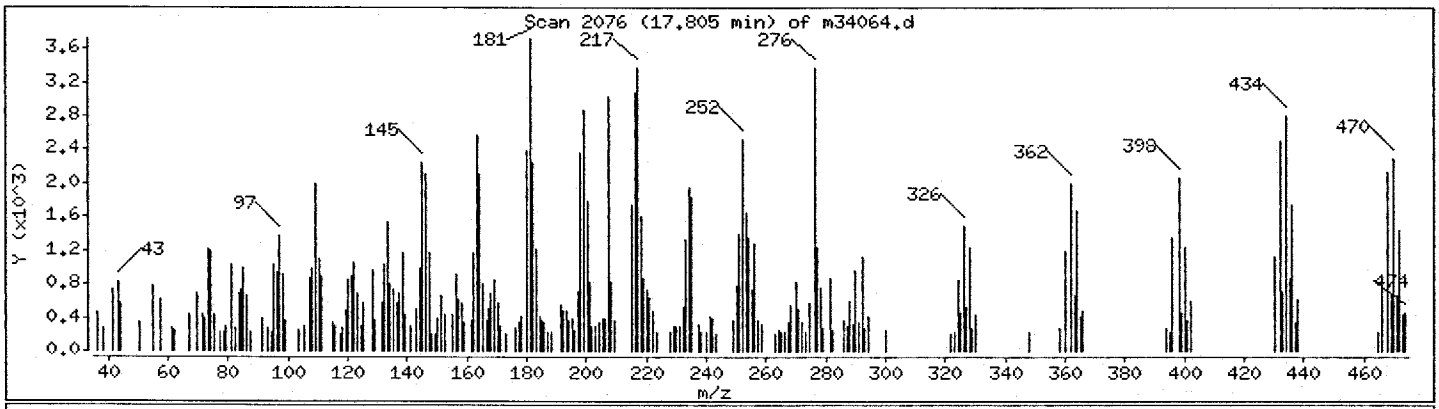
Operator: BNAMS 4

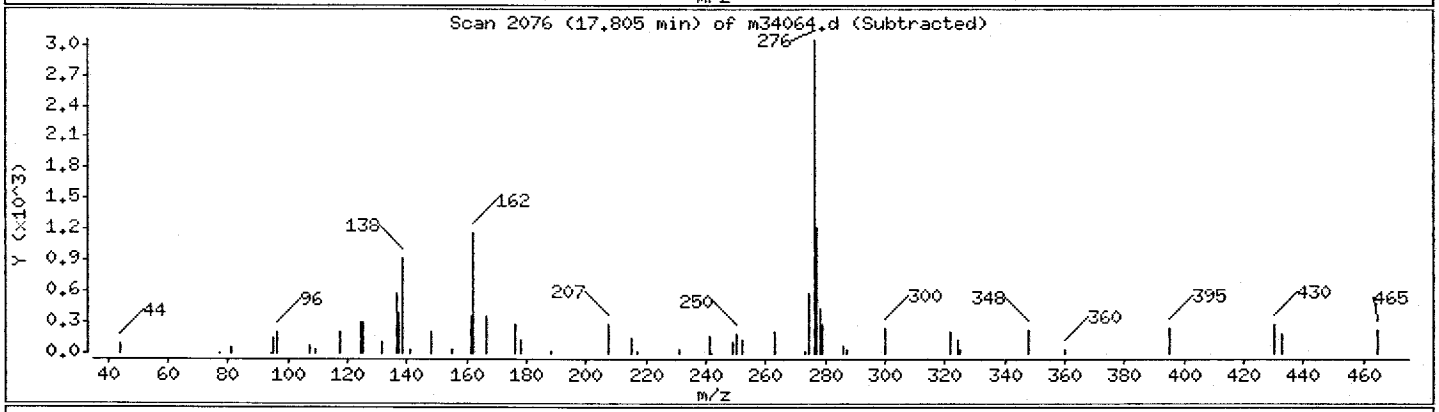
Column phase: DB-5

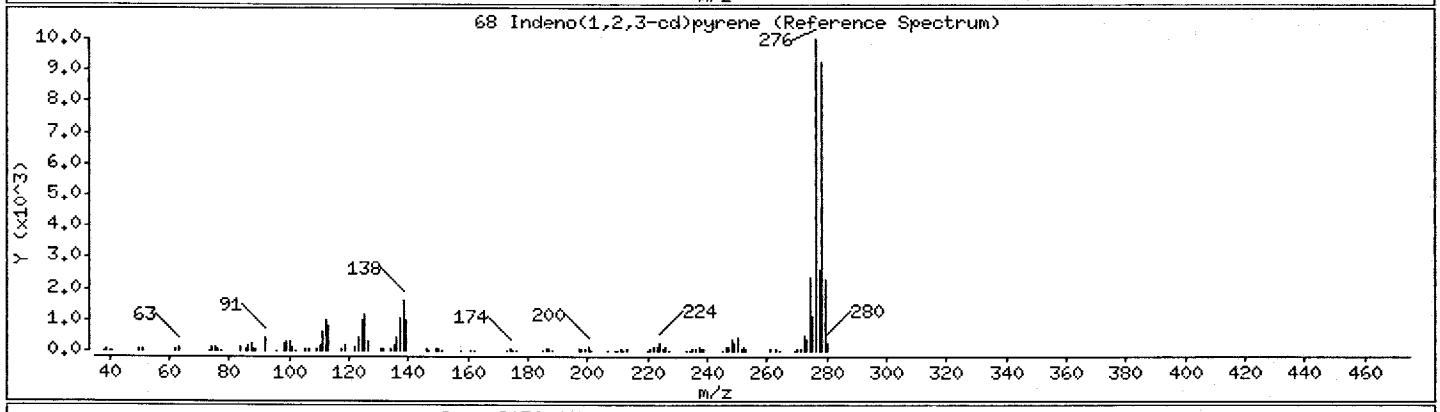
Column diameter: 0.25

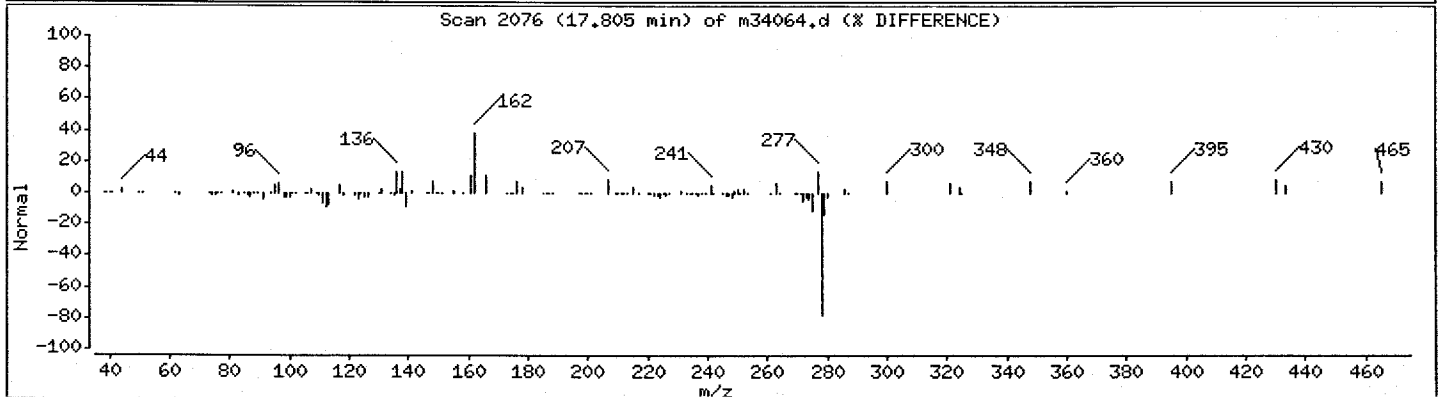
68 Indeno(1,2,3-cd)pyrene

Concentration: 170 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

Client ID: 032508-1745

Instrument: BNAMS6.i

Sample Info: 908694;4225894

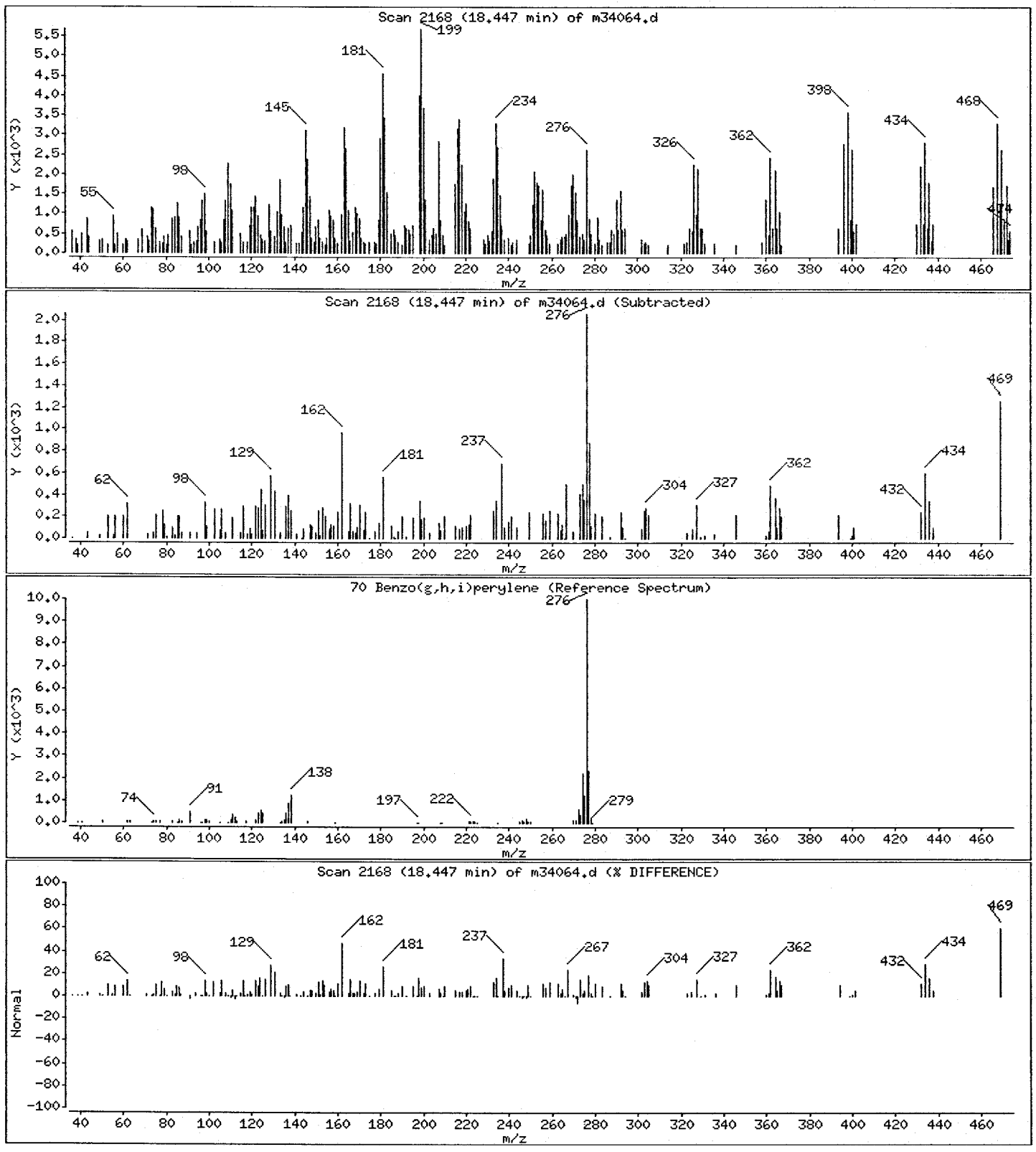
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

70 Benzo(g,h,i)perylene

Concentration: 140 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

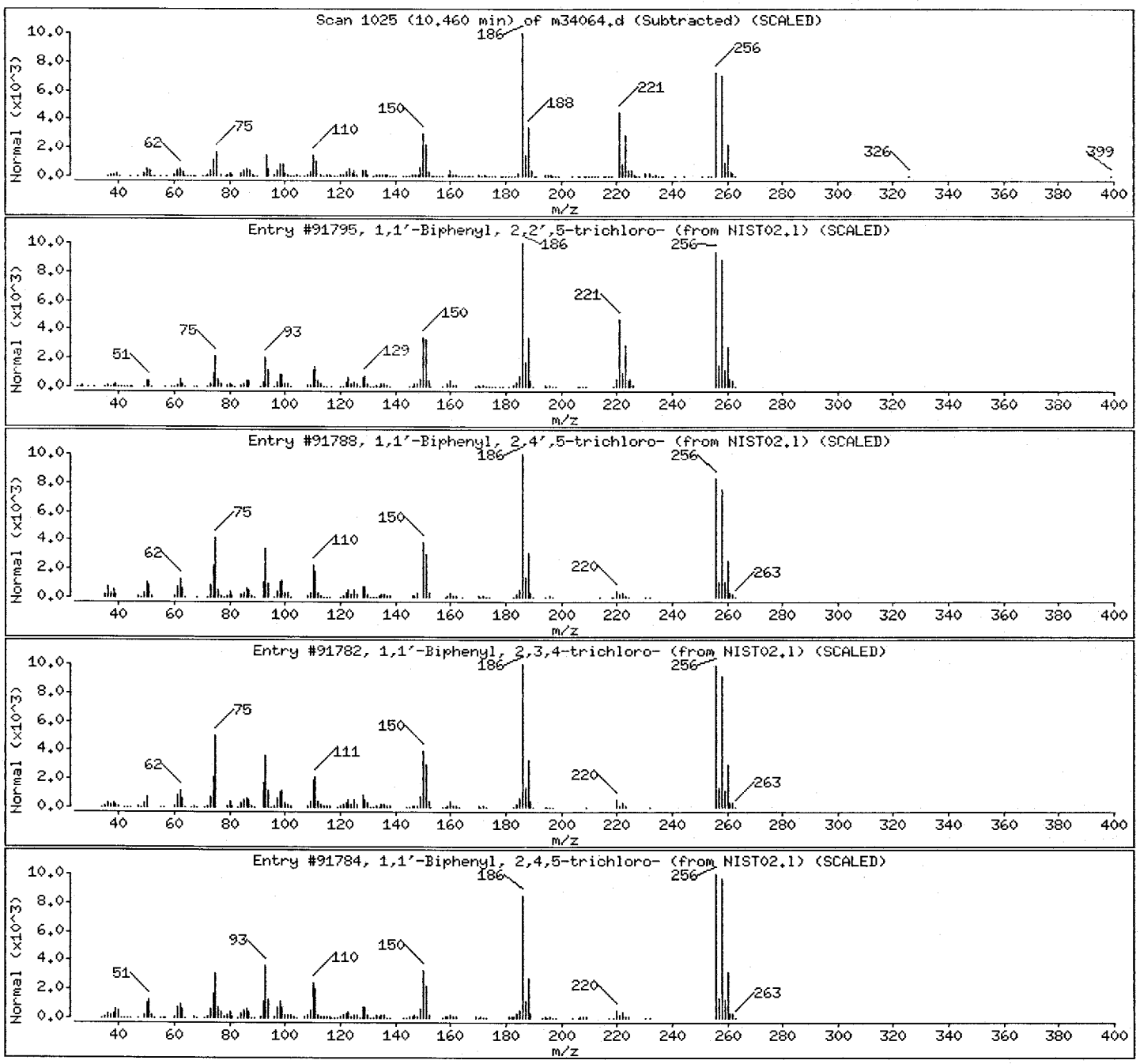
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.l	91795	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	98	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	96	C12H7Cl3	256
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	96	C12H7Cl3	256



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

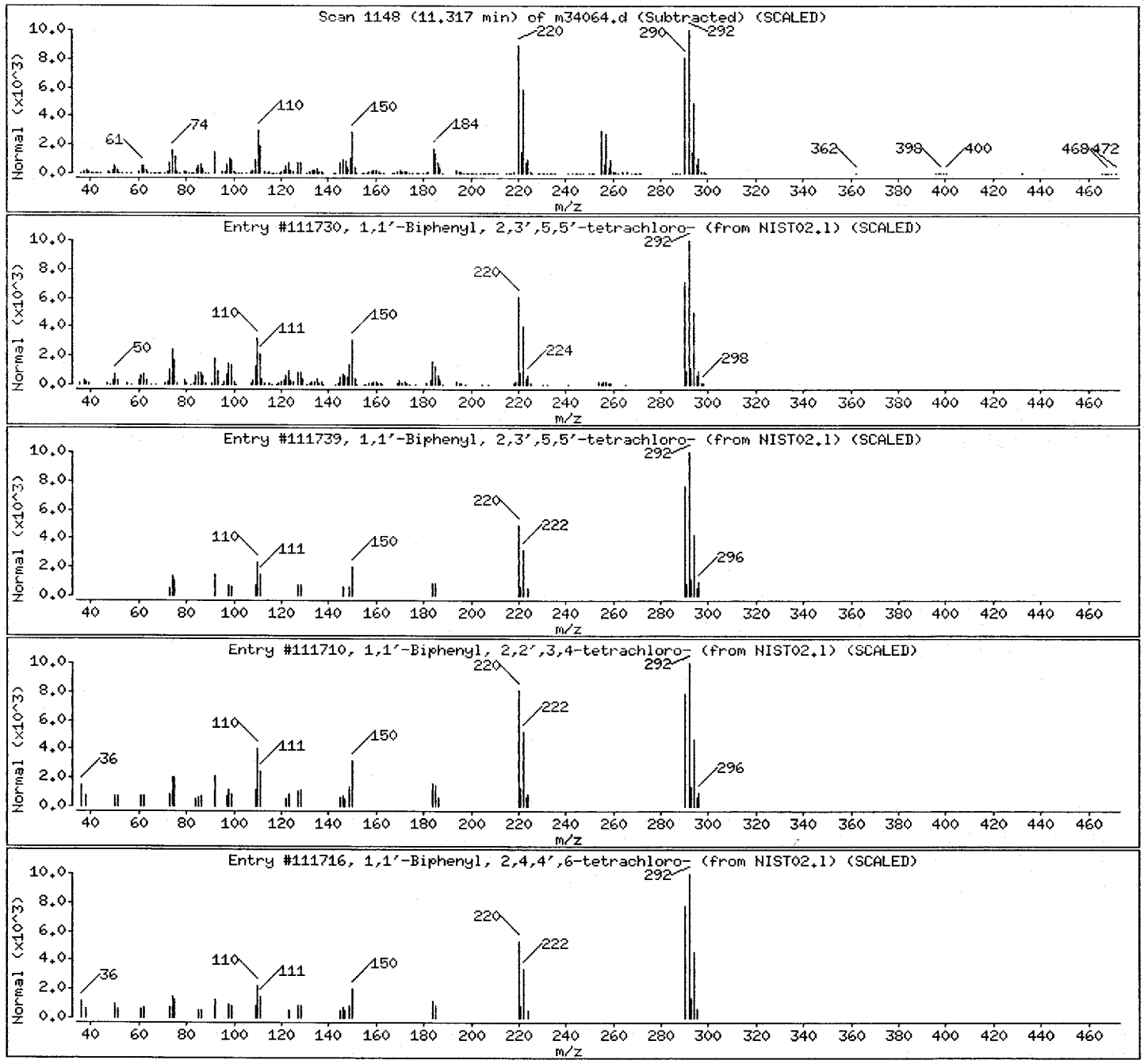
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.l	111739	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',3,4-tetrachloro-	52663-59-9	NIST02.l	111710	98	C12H6Cl4	290
1,1'-Biphenyl, 2,4,4',6-tetrachloro-	32598-12-2	NIST02.l	111716	98	C12H6Cl4	290



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

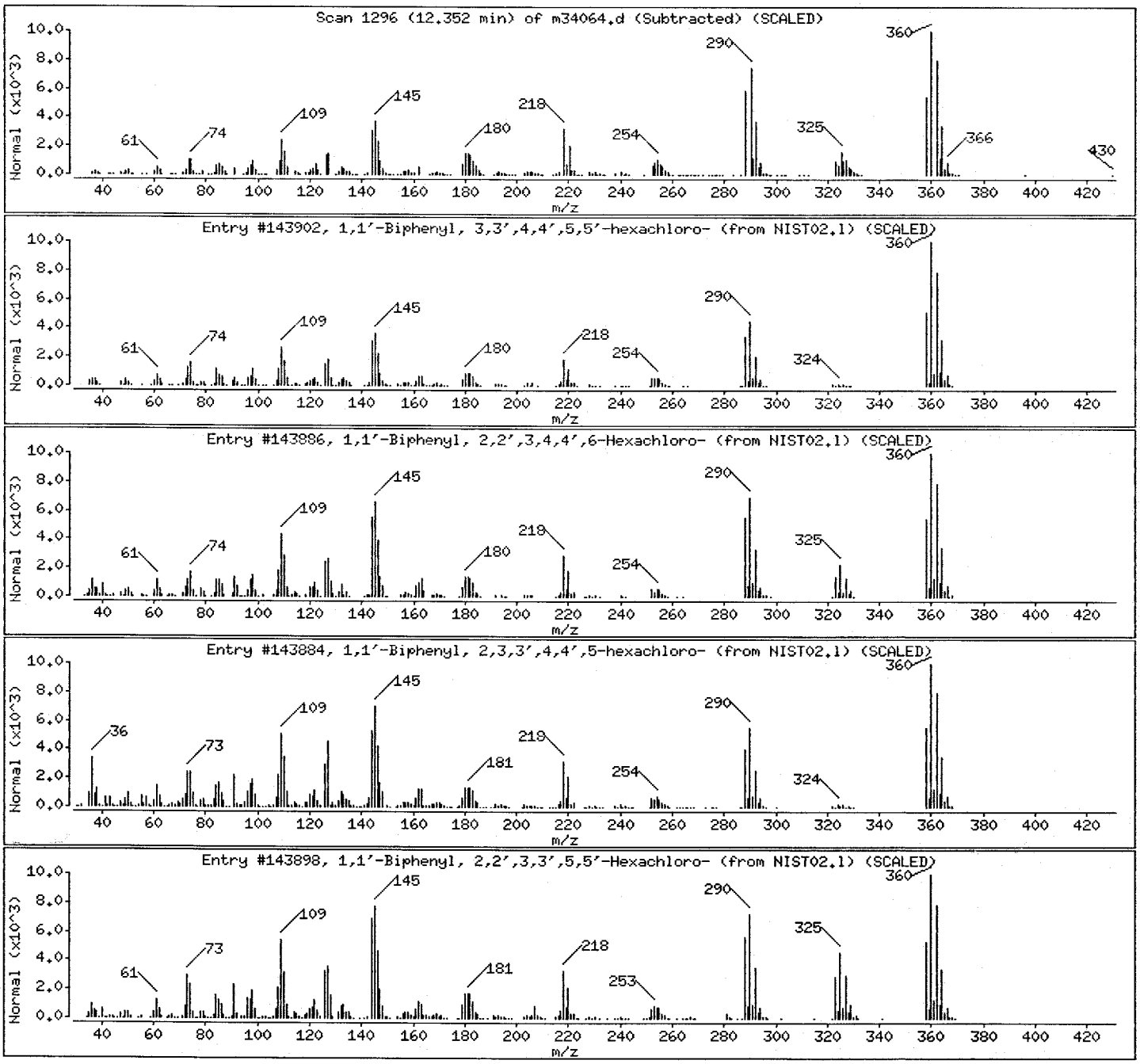
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',6-Hexachloro-	56030-56-9	NIST02.l	143886	96	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143884	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',5,5'-Hexachloro	35694-04-3	NIST02.l	143898	95	C12H4Cl6	358



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

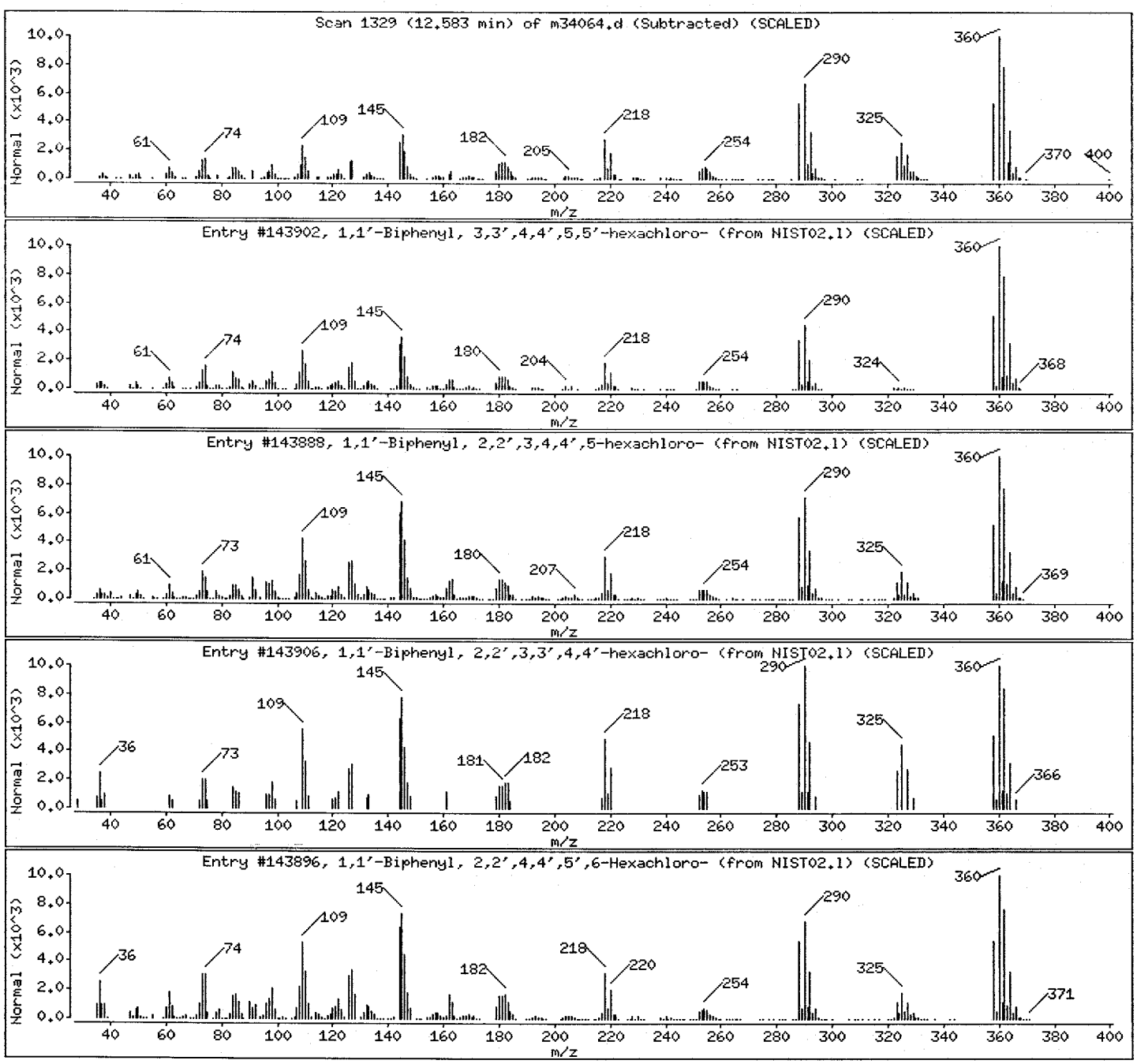
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5-hexachloro-	35694-06-5	NIST02.l	143888	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,4'-hexachloro	38380-07-3	NIST02.l	143906	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5',6-Hexachloro	60145-22-4	NIST02.l	143896	98	C12H4Cl6	358



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34064.d

Date : 07-APR-2008 20:55

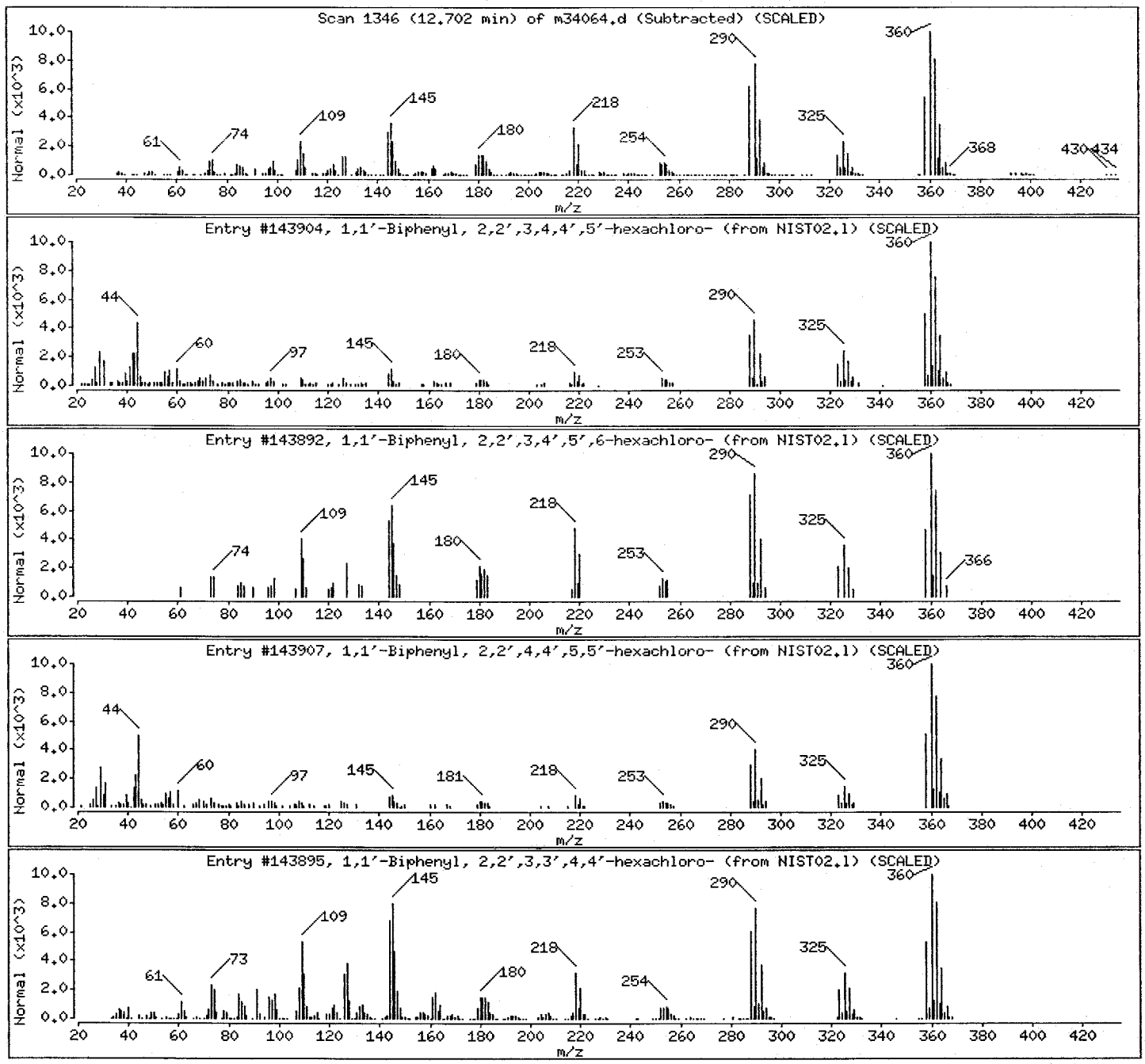
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4',5',6-hexachloro	38380-04-0	NIST02.l	143892	98	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	35065-27-1	NIST02.l	143907	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,4'-hexachloro	38380-07-3	NIST02.l	143895	95	C12H4Cl6	358



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Date : 07-APR-2008 20:55

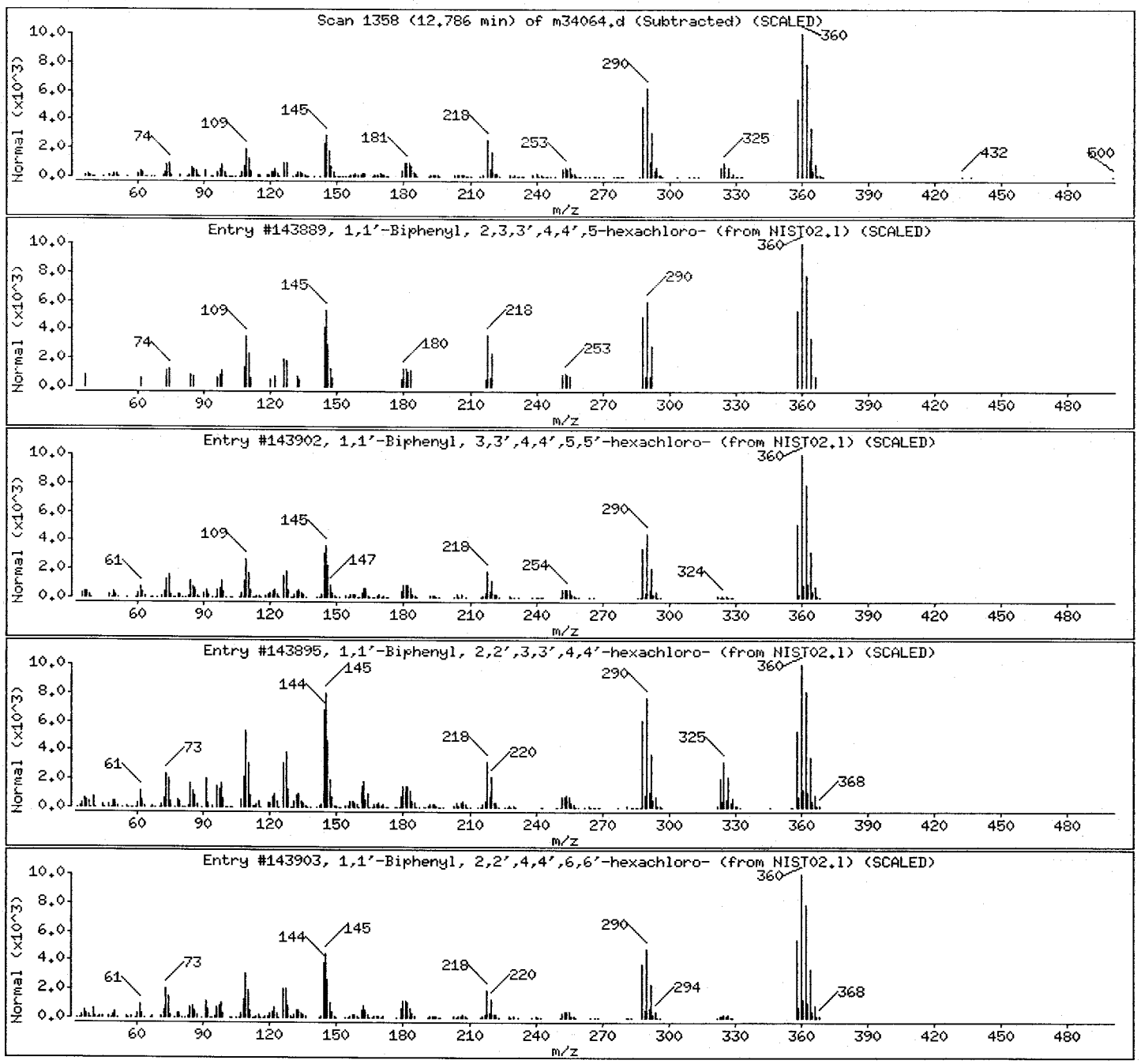
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143889	99	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	98	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,4'-hexachloro	38380-07-3	NIST02.l	143895	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	33979-03-2	NIST02.l	143903	95	C12H4Cl6	358



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Date : 07-APR-2008 20:55

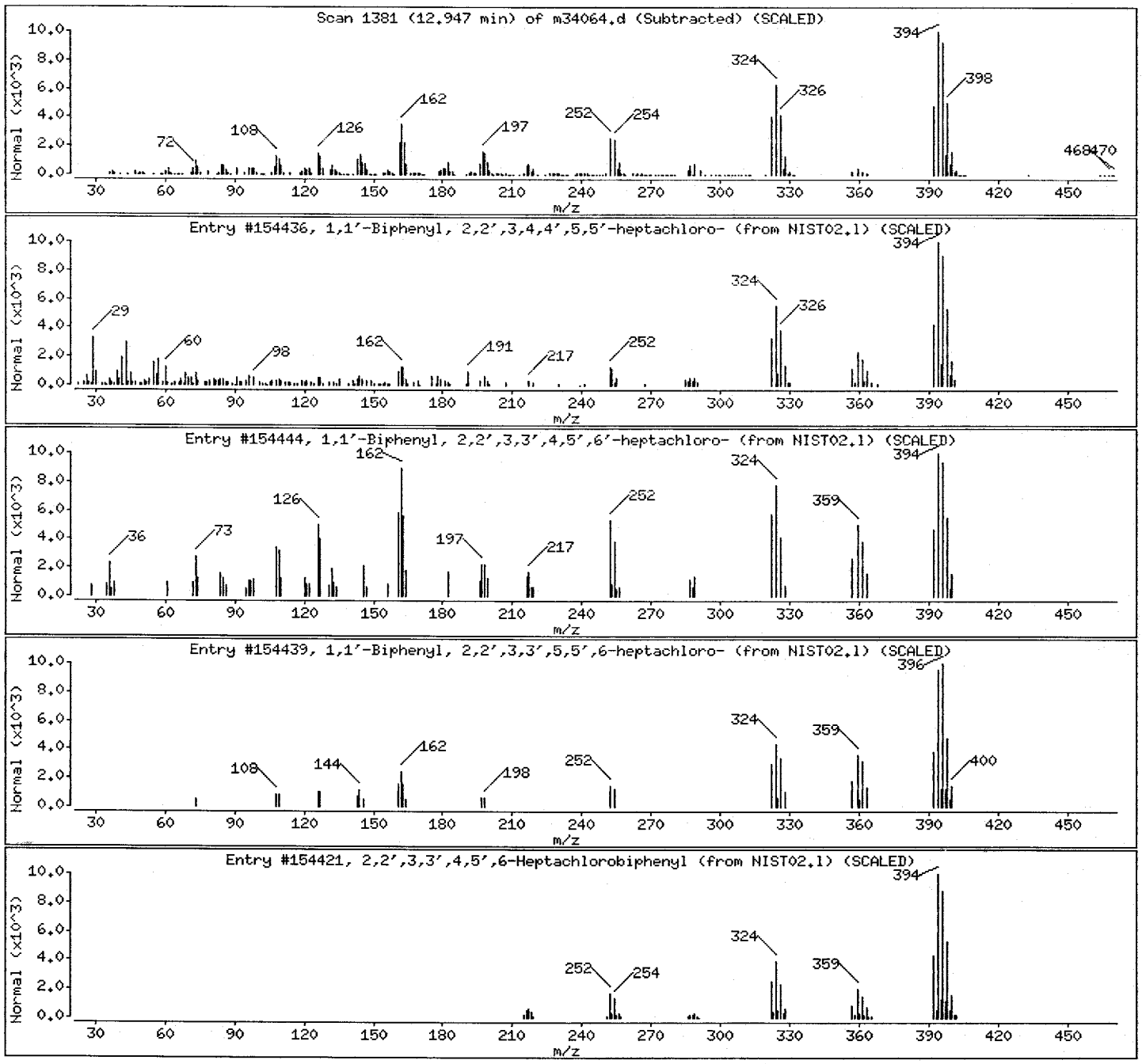
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5,5'-heptachl	35065-29-3	NIST02.l	154436	95	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,5',6'-heptach	52663-70-4	NIST02.l	154444	94	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	94	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	94	C12H3Cl7	392



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Date : 07-APR-2008 20:55

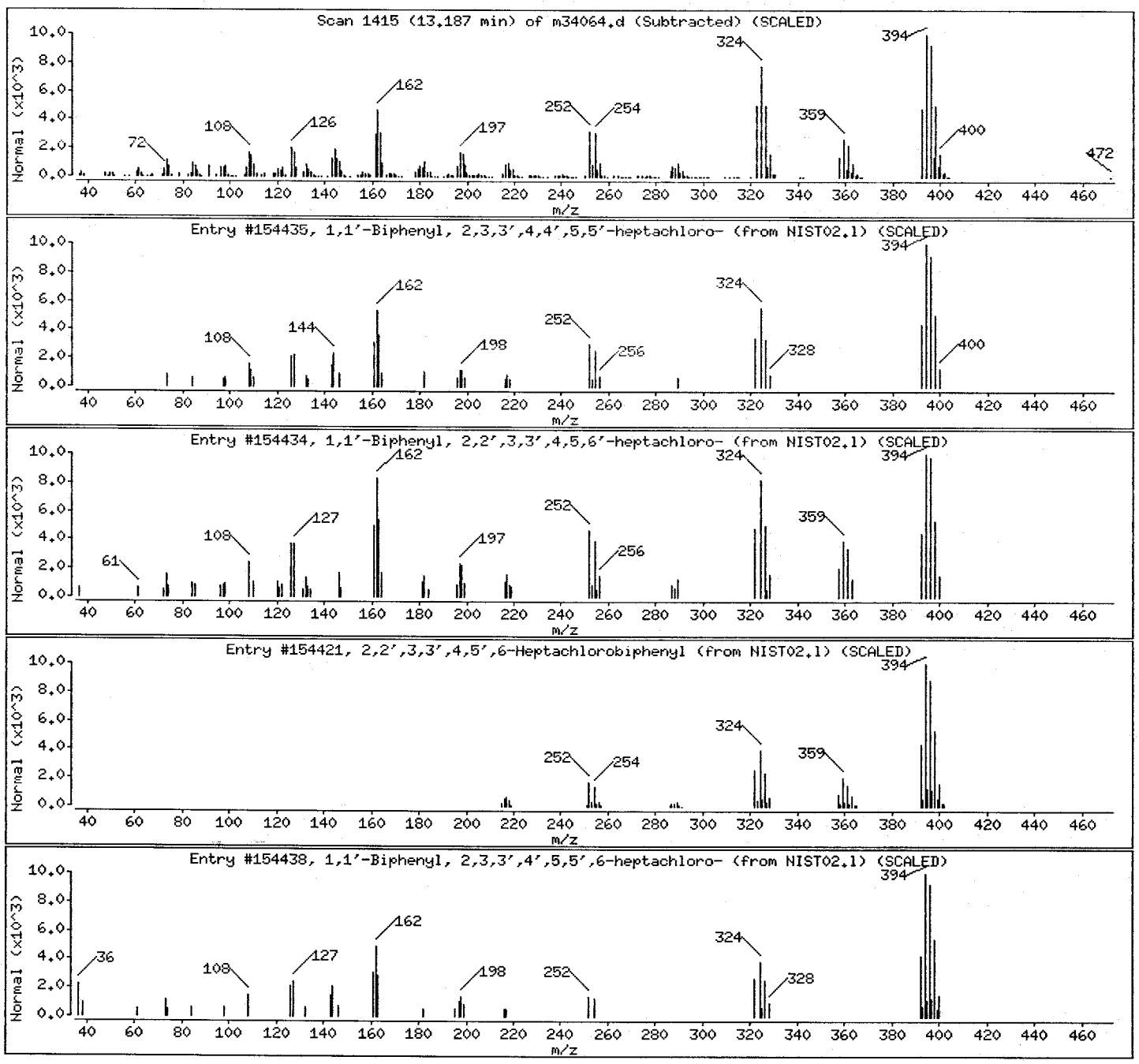
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,5,6'-heptachl	38411-25-5	NIST02.l	154434	98	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	98	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	98	C12H3Cl7	392



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Date : 07-APR-2008 20:55

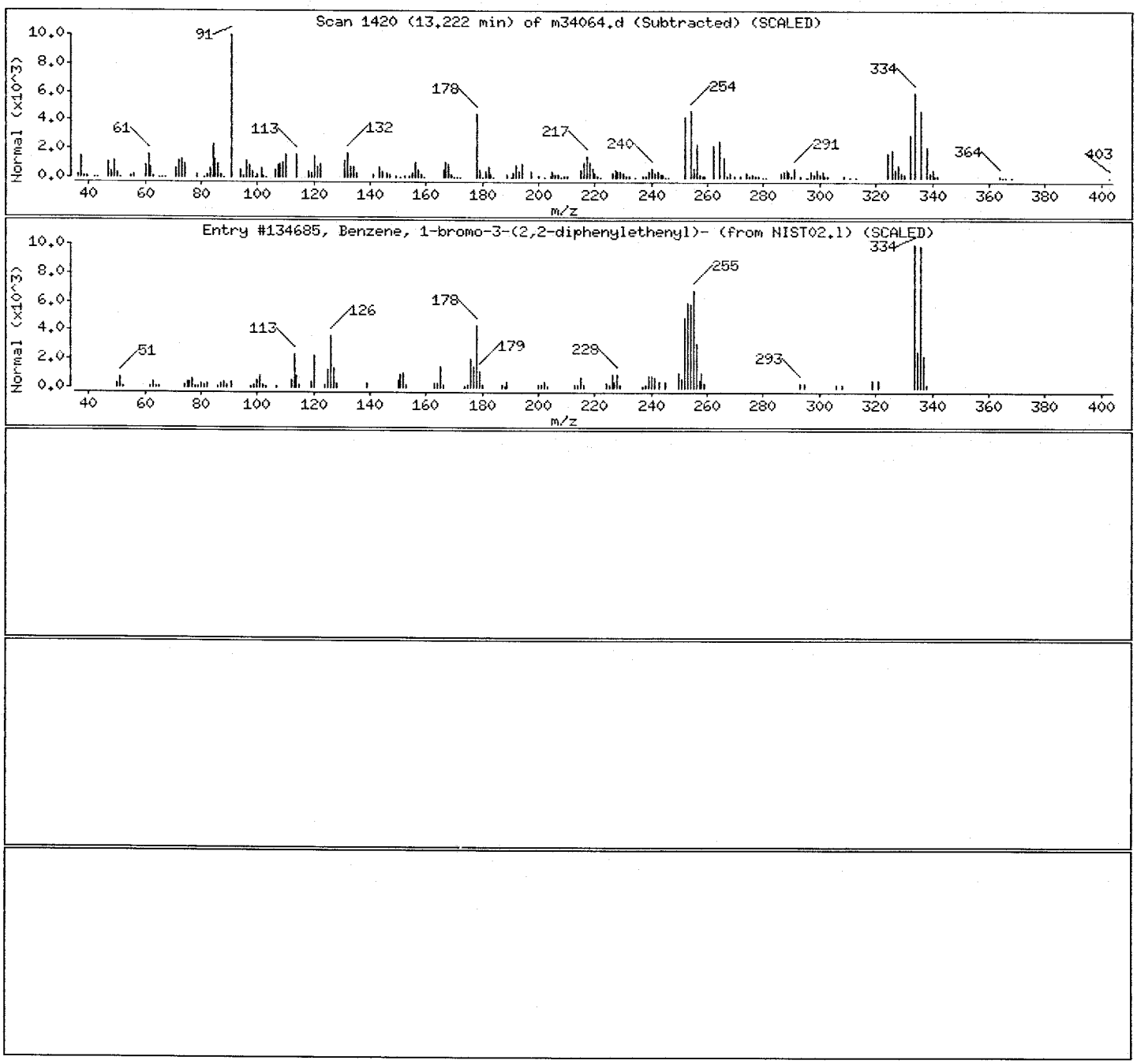
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benzene, 1-bromo-3-(2,2-diphenylethenyl)	18648-65-2	NIST02.l	134685	35	C20H15Br	334



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Date : 07-APR-2008 20:55

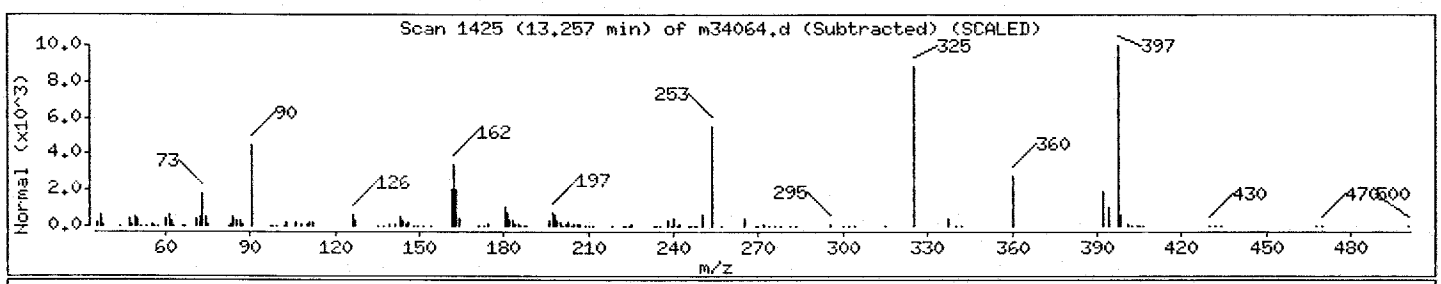
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 07-APR-2008 20:55

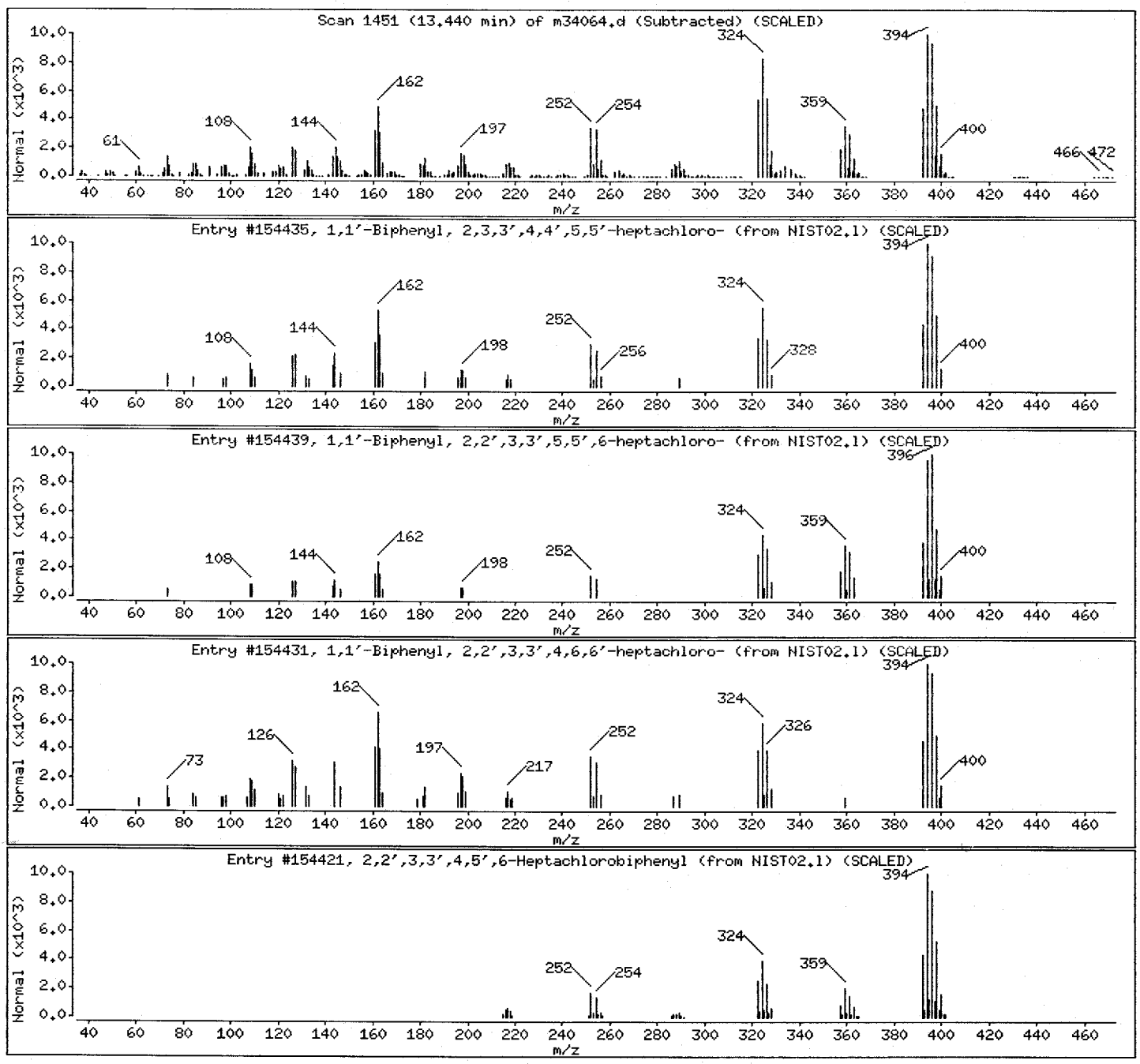
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	52663-65-7	NIST02.l	154431	98	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	96	C12H3Cl7	392



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Date : 07-APR-2008 20:55

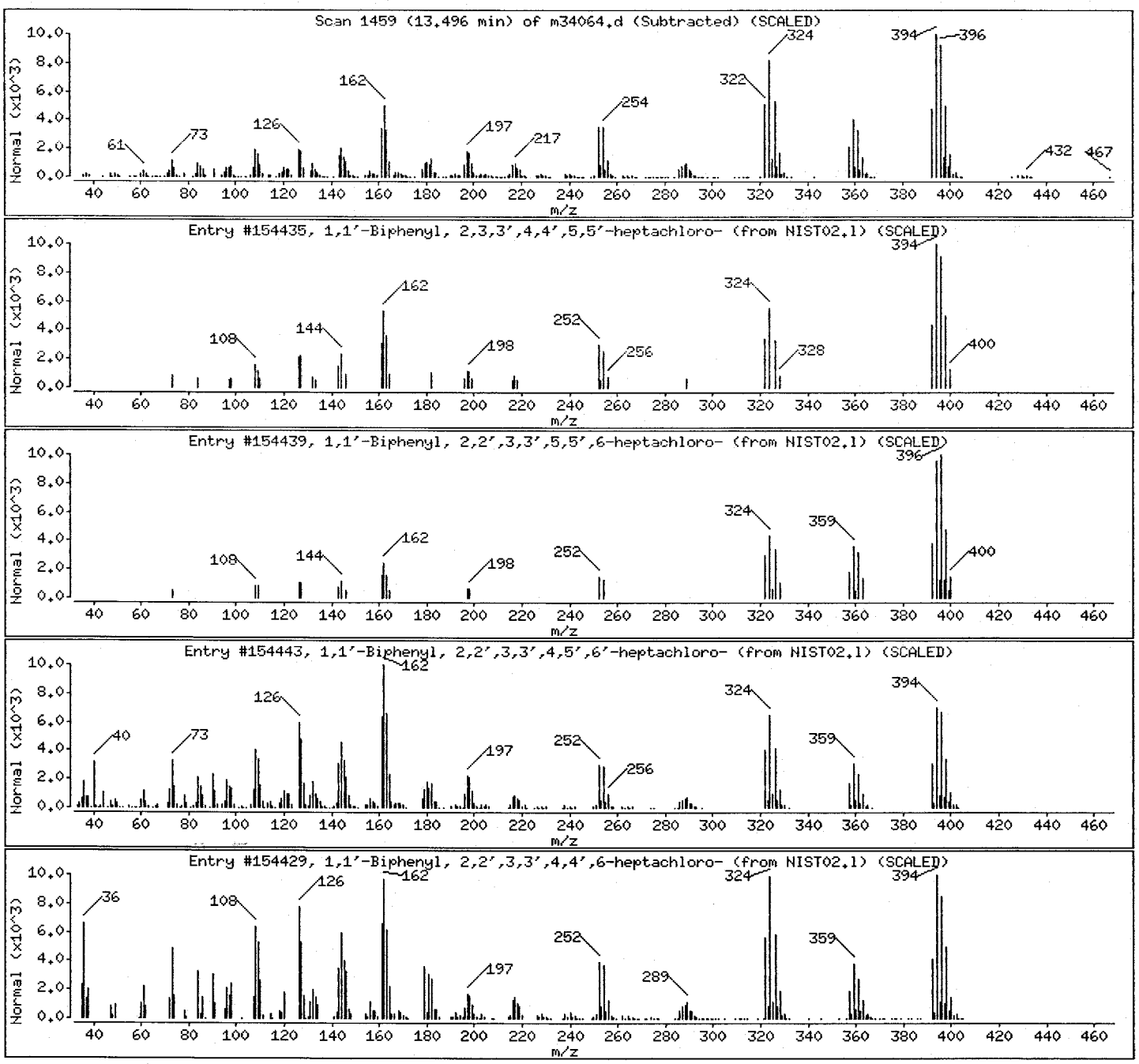
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,5',6'-heptach	52663-70-4	NIST02.l	154443	97	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,4',6-heptachl	52663-71-5	NIST02.l	154429	95	C12H3Cl7	392



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Date : 07-APR-2008 20:55

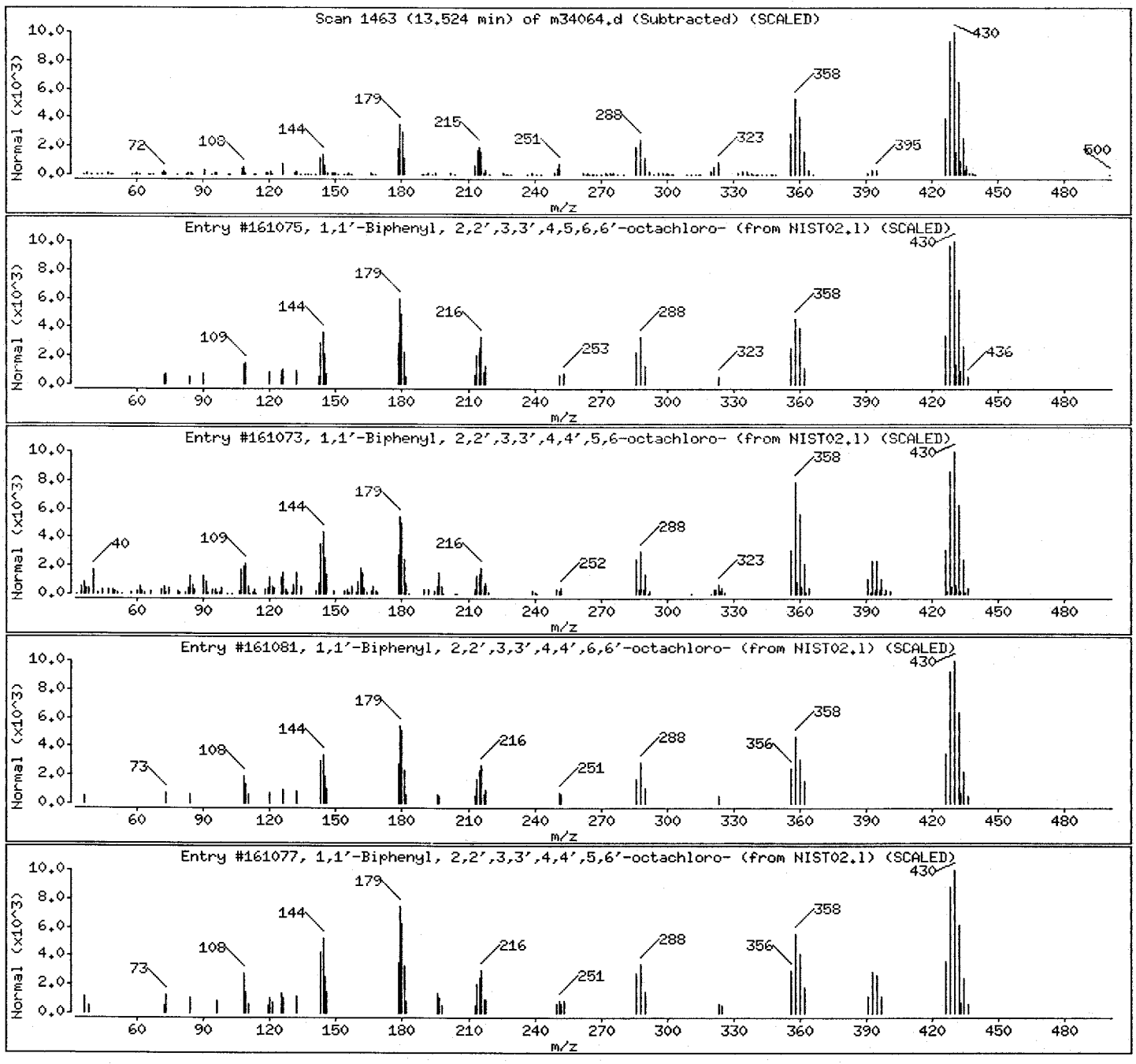
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	98	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	96	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	94	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	87	C12H2Cl8	426



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Date : 07-APR-2008 20:55

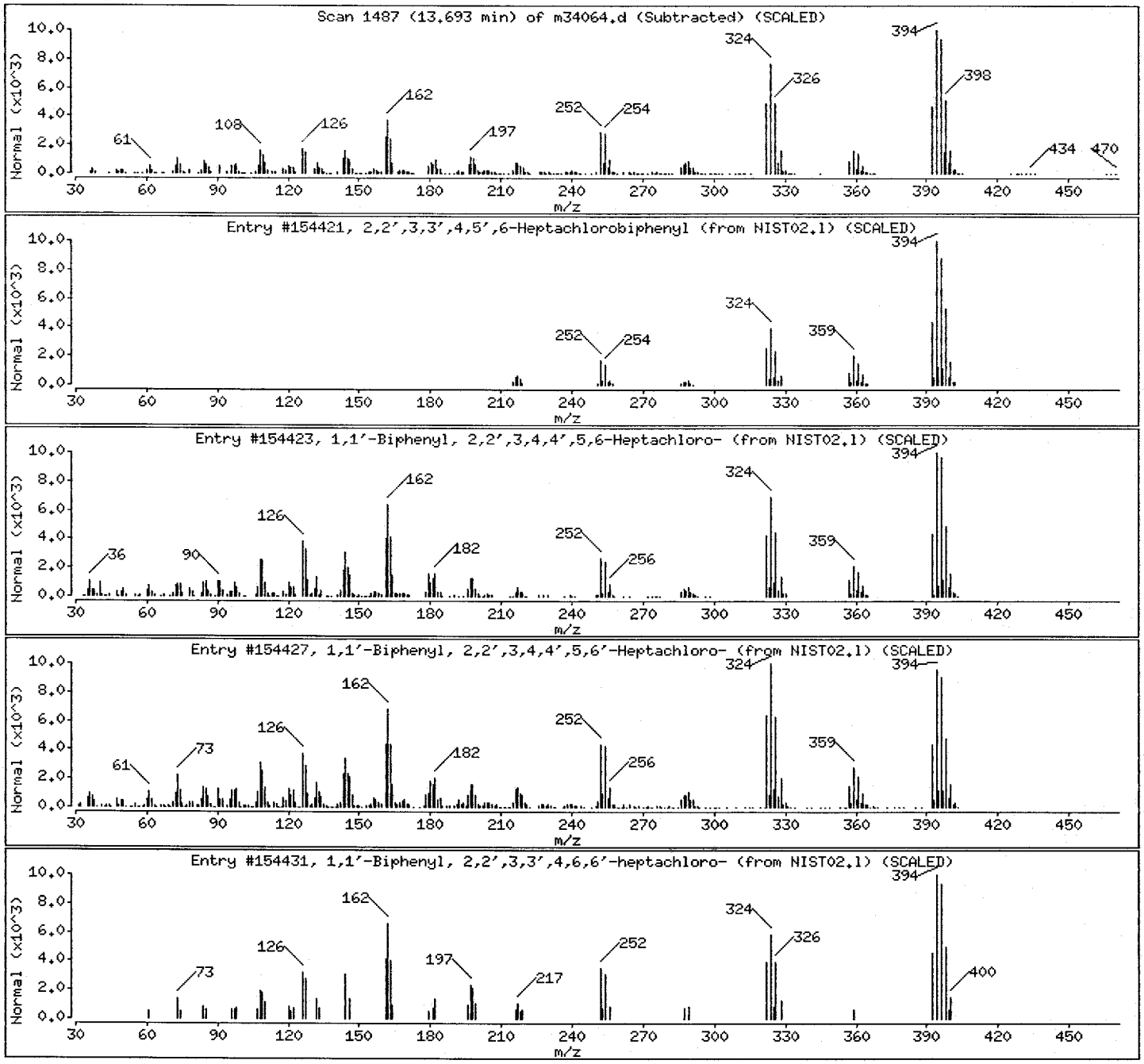
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,6-Heptachlo	74472-47-2	NIST02.l	154423	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,6'-Heptachl	60145-23-5	NIST02.l	154427	93	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	52663-65-7	NIST02.l	154431	93	C12H3Cl7	392



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Date : 07-APR-2008 20:55

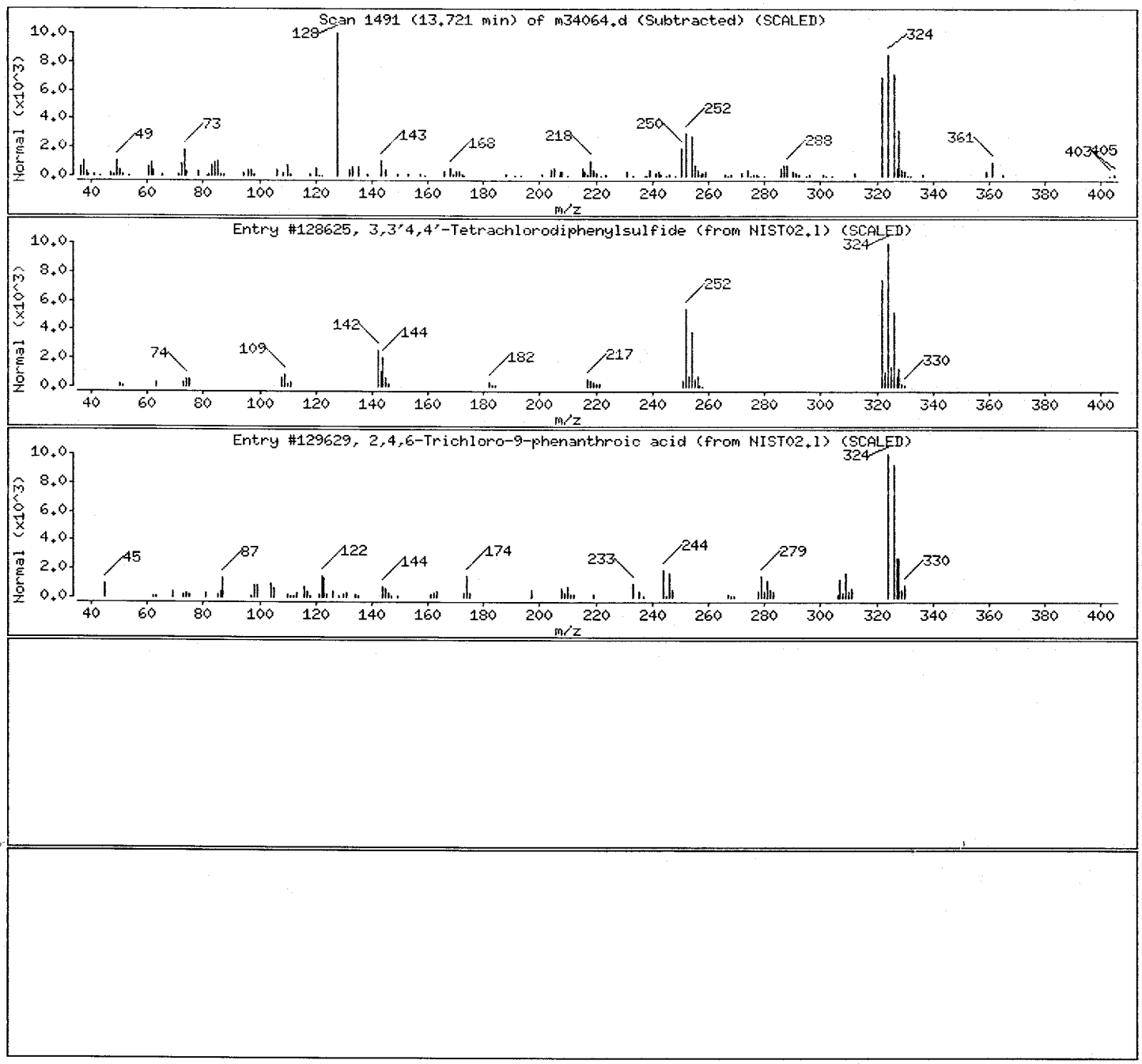
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
3,3'4,4'-Tetrachlorodiphenylsulfide	76745-12-5	NIST02.l	128625	27	C12H6C14S	322
2,4,6-Trichloro-9-phenanthroic acid	56988-61-5	NIST02.l	129629	27	C15H7C13O2	324



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Date : 07-APR-2008 20:55

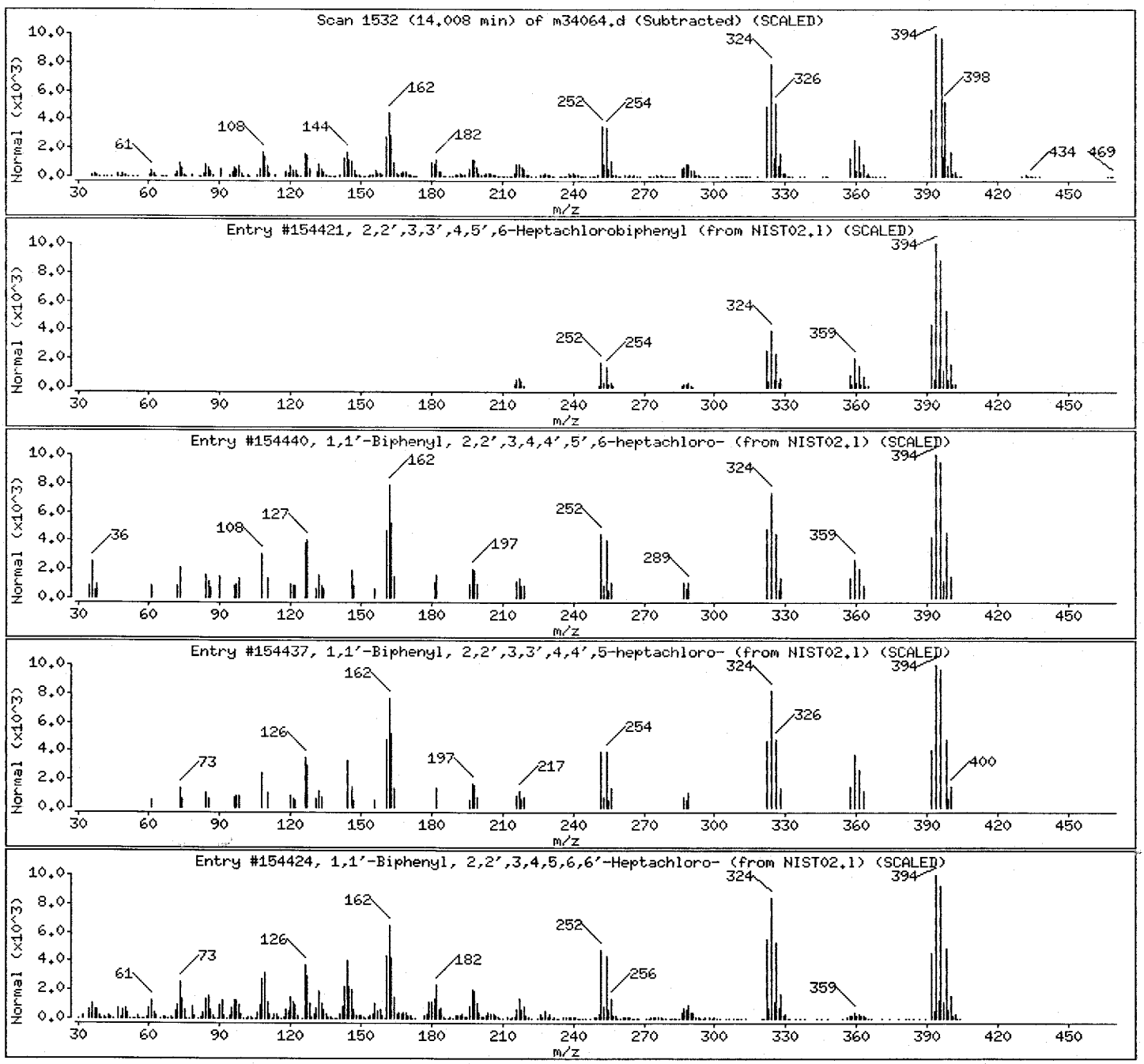
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5',6-heptachl	52663-69-1	NIST02.l	154440	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,4',5-heptachl	35065-30-6	NIST02.l	154437	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,5,6,6'-Heptachlo	74472-49-4	NIST02.l	154424	97	C12H3Cl7	392



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Date : 07-APR-2008 20:55

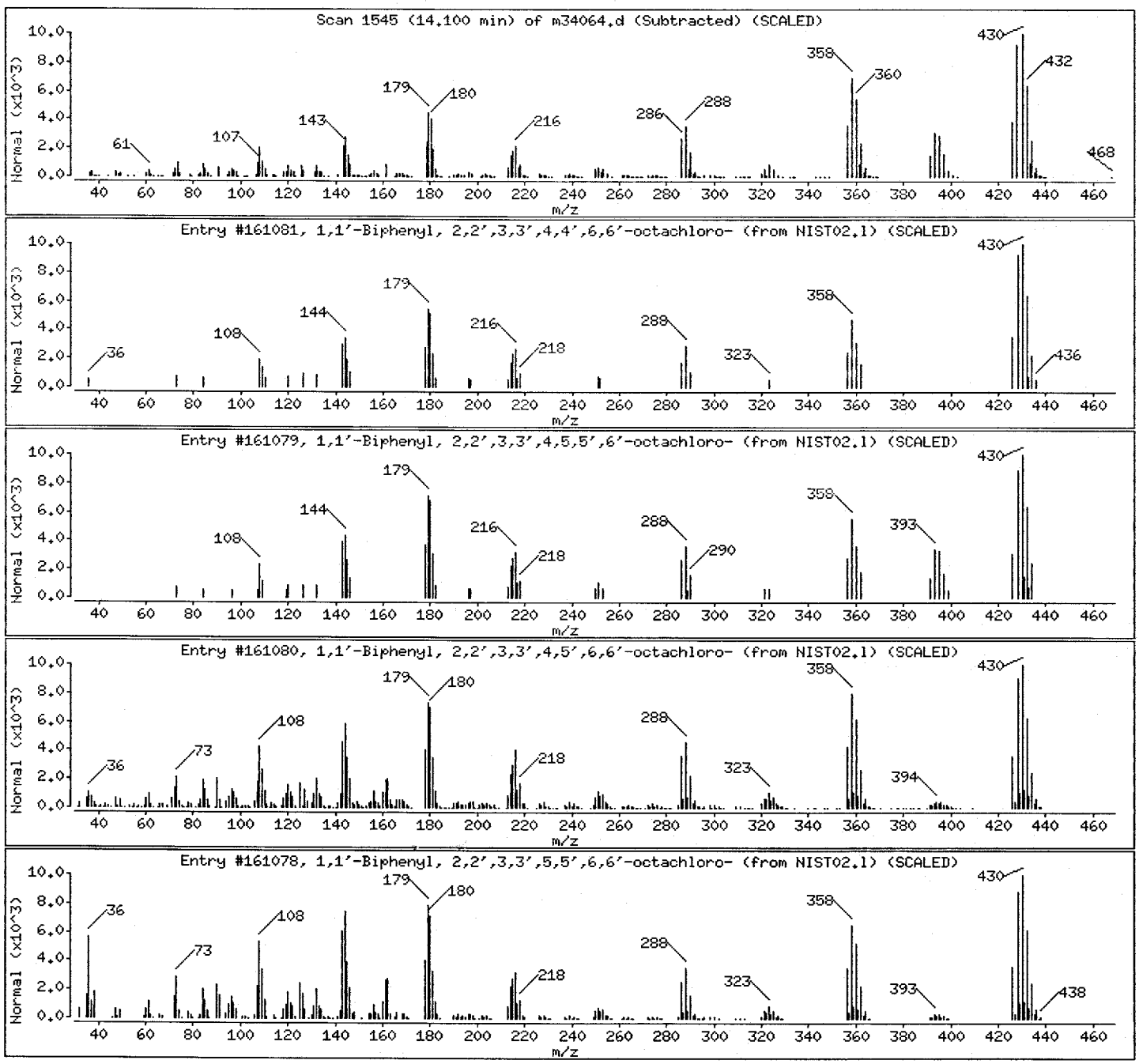
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	98	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	91	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	91	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	87	C12H2C18	426



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Date : 07-APR-2008 20:55

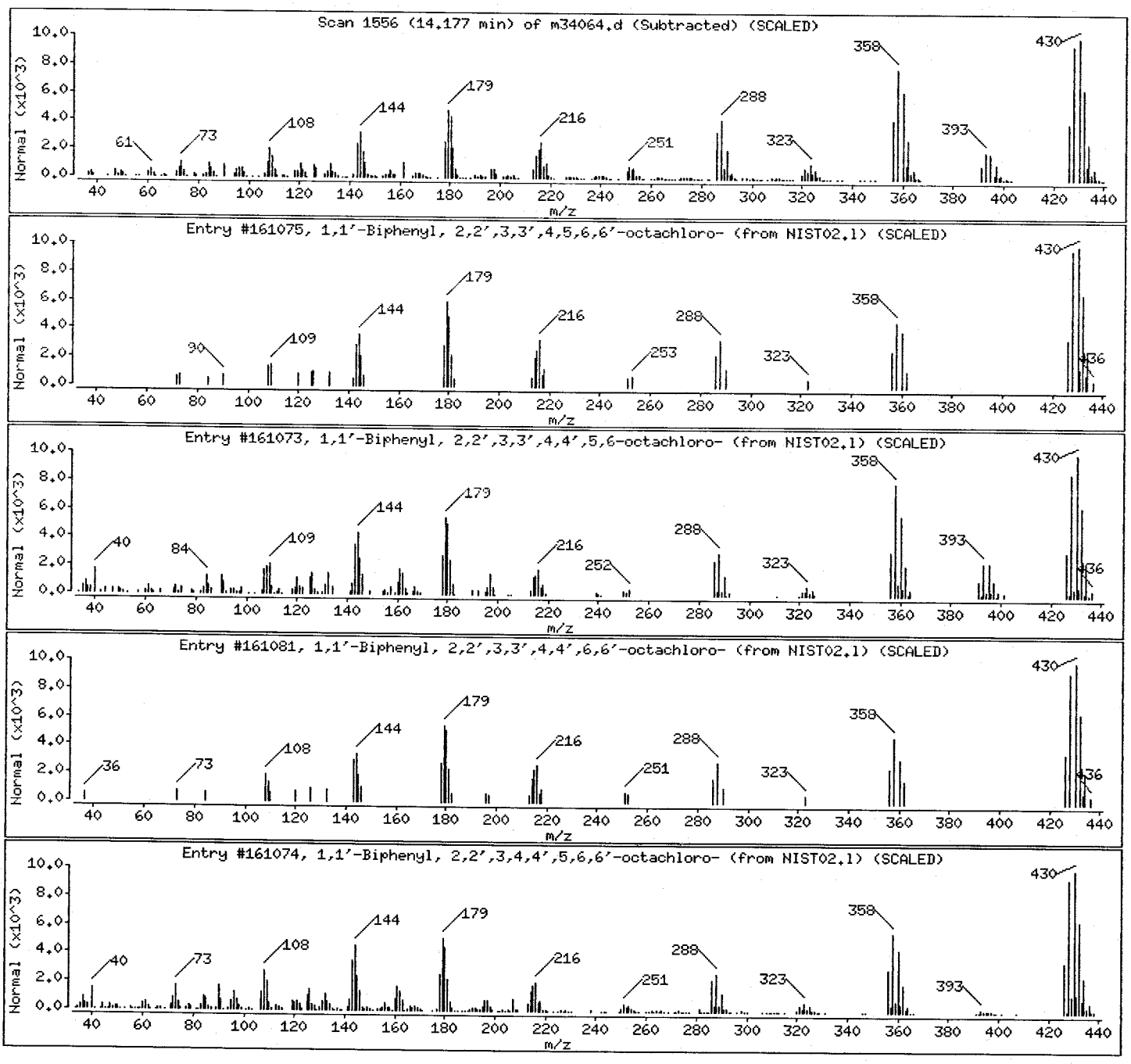
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-octach	74472-52-9	NIST02.l	161074	98	C12H2Cl8	426



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Date : 07-APR-2008 20:55

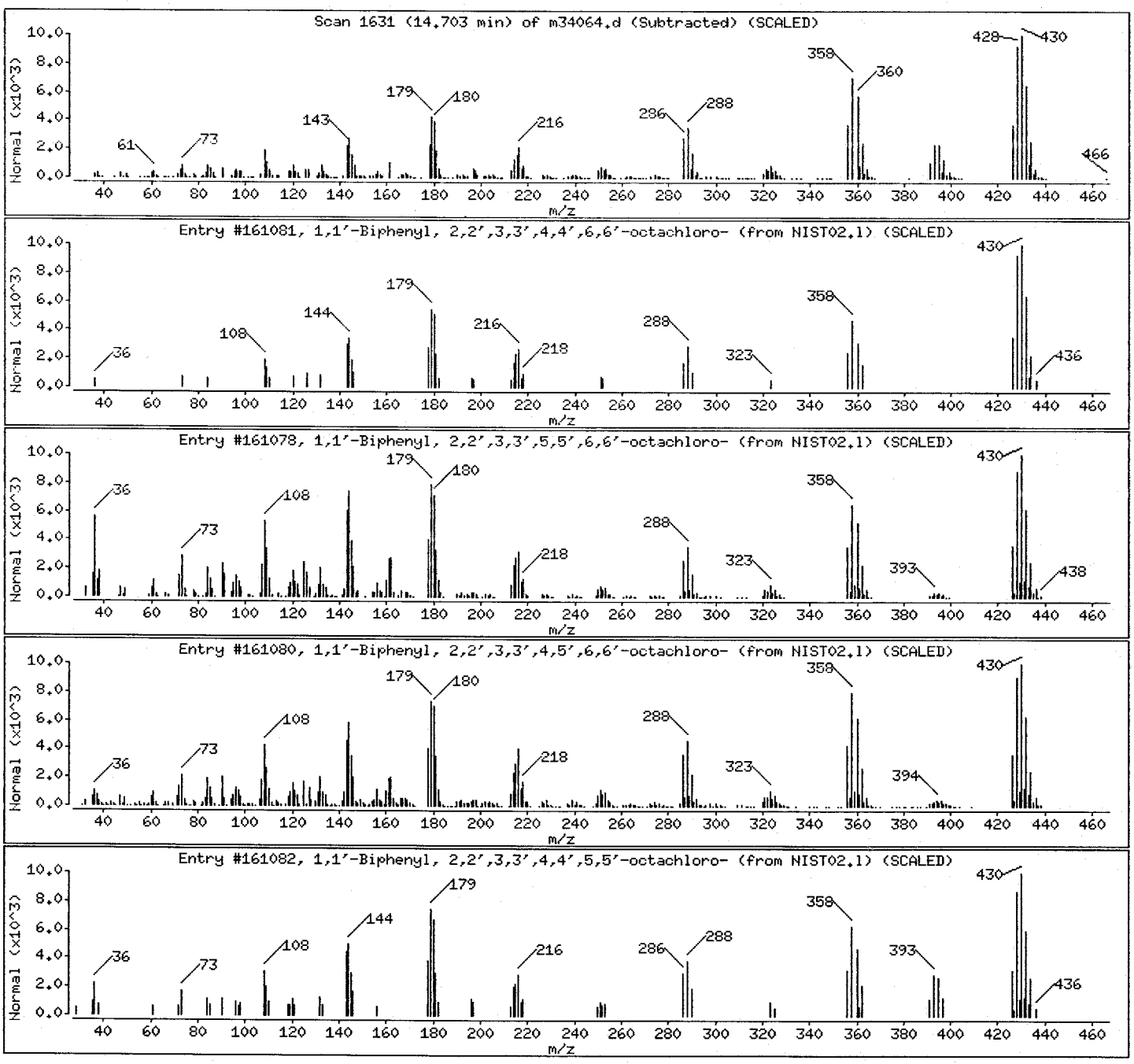
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	93	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	87	C12H2Cl8	426



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Date : 07-APR-2008 20:55

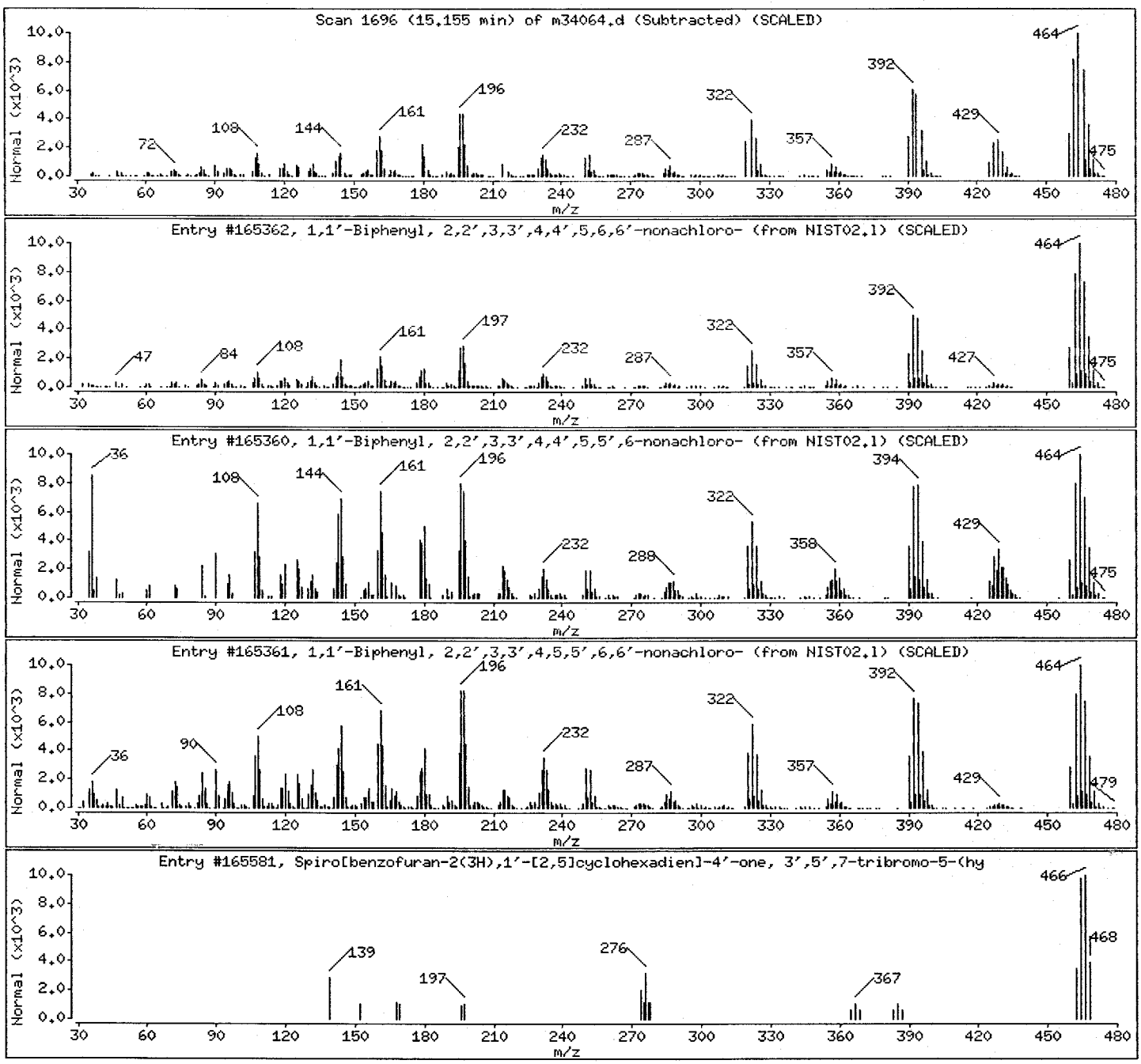
Client ID: 032508-1745 Instrument: BNAMS6.i

Sample Info: 908694;4225894

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Nonylchloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6,6'-non	52663-79-3	NIST02.l	165362	99	C12HCl9	460
1,1'-Biphenyl, 2,2',3,3',4,4',5,5',6-non	40186-72-9	NIST02.l	165360	74	C12HCl9	460
1,1'-Biphenyl, 2,2',3,3',4,5,5',6,6'-non	52663-77-1	NIST02.l	165361	53	C12HCl9	460
Spiro[benzofuran-2(3H),1'-[2,5]cyclohexa	52498-93-8	NIST02.l	165581	35	C14H9Br3O3	462



Client ID: **032508-1750**
Site: BP Hastings

Lab Sample No: **908695**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34067.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 35

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	510
2-Chlorophenol	ND	510
2-Methylphenol	ND	510
4-Methylphenol	22 J	510
2-Nitrophenol	ND	510
2,4-Dimethylphenol	ND	510
2,4-Dichlorophenol	ND	510
4-Chloro-3-methylphenol	ND	510
2,4,6-Trichlorophenol	ND	510
2,4,5-Trichlorophenol	ND	510
2,4-Dinitrophenol	ND	1500
4-Nitrophenol	ND	1500
4,6-Dinitro-2-methylphenol	ND	1500
Pentachlorophenol	ND	1500

Client ID: **032508-1750**
Site: BP Hastings

Lab Sample No: **908695**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34067.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 35

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	51
1,3-Dichlorobenzene	ND	510
1,4-Dichlorobenzene	ND	510
1,2-Dichlorobenzene	ND	510
bis(2-chloroisopropyl)ether	ND	510
N-Nitroso-di-n-propylamine	ND	51
Hexachloroethane	ND	51
Nitrobenzene	ND	51
Isophorone	ND	510
bis(2-Chloroethoxy)methane	ND	510
1,2,4-Trichlorobenzene	ND	51
Naphthalene	76 J	510
4-Chloroaniline	ND	510
Hexachlorobutadiene	ND	100
2-Methylnaphthalene	16 J	510
Hexachlorocyclopentadiene	ND	510
2-Chloronaphthalene	200 J	510
2-Nitroaniline	ND	1000
Dimethylphthalate	ND	510
Acenaphthylene	22 J	510
2,6-Dinitrotoluene	ND	100
3-Nitroaniline	ND	1000
Acenaphthene	64 J	510
Dibenzofuran	20 J	510
2,4-Dinitrotoluene	ND	100
Diethylphthalate	ND	510
4-Chlorophenyl-phenylether	ND	510
Fluorene	40 J	510
4-Nitroaniline	ND	1000
N-Nitrosodiphenylamine	ND	510
4-Bromophenyl-phenylether	ND	510
Hexachlorobenzene	ND	51
Phenanthrene	490 J	510
Anthracene	120 J	510

Client ID: **032508-1750**
Site: BP Hastings

Lab Sample No: **908695**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34067.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 35

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	29 J	510
Di-n-butylphthalate	ND	510
Fluoranthene	810	510
Pyrene	960	510
Butylbenzylphthalate	ND	510
3,3'-Dichlorobenzidine	ND	1000
Benzo(a)anthracene	ND	51
Chrysene	ND	510
bis(2-Ethylhexyl)phthalate	ND	510
Di-n-octylphthalate	ND	510
Benzo(b)fluoranthene	1300	51
Benzo(k)fluoranthene	420	51
Benzo(a)pyrene	520	51
Indeno(1,2,3-cd)pyrene	160	51
Dibenz(a,h)anthracene	55	51
Benzo(g,h,i)perylene	140 J	510

Client ID: **032508-1750**
Site: BP Hastings

Lab Sample No: **908695**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34067.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 34.6

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Dichloro-1,1-biphenyl isomer	9.87	12000	
2. Trichloro-1,1-biphenyl isomer	10.45	9900	
3. Hexachloro-1,1'-biphenyl isomer	12.35	11000	
4. Hexachloro-1,1'-biphenyl isomer	12.45	9400	
5. Hexachloro-1,1'-biphenyl isomer	12.57	19000	
6. Hexachloro-1,1'-biphenyl isomer	12.76	21000	
7. Heptachloro-1,1'-biphenyl isomer	12.93	13000	
8. Hexachloro-1,1'-biphenyl isomer	13.03	8400	
9. Heptachloro-1,1'-biphenyl isomer	13.18	20000	
10. Heptachloro-1,1'-biphenyl isomer	13.20	17000	
11. Heptachloro-1,1'-biphenyl isomer	13.24	31000	
12. Heptachloro-1,1'-biphenyl isomer	13.43	34000	
13. Heptachloro-1,1'-biphenyl isomer	13.48	19000	
14. Octachloro-1,1'-biphenyl isomer	13.51	29000	
15. Heptachloro-1,1'-biphenyl isomer	13.68	54000	
16. Heptachloro-1,1'-biphenyl isomer	13.70	36000	
17. Heptachloro-1,1'-biphenyl isomer	14.00	21000	
18. Octachloro-1,1'-biphenyl isomer	14.09	57000	
19. Octachloro-1,1'-biphenyl isomer	14.16	57000	
20. Octachloro-1,1'-biphenyl isomer	14.49	16000	
21. Octachloro-1,1'-biphenyl isomer	14.68	47000	
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
TOTAL ESTIMATED CONCENTRATION		541700	

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d
Report Date: 08-Apr-2008 14:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d
Lab Smp Id: 908695 Client Smp ID: 032508-1750
Inj Date : 07-APR-2008 22:07
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : 908695;4225895
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/8270C_08.m
Meth Date : 08-Apr-2008 11:13 monica Quant Type: ISTD
Cal Date : 02-APR-2008 22:21 Cal File: m33969.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	34.60000	% Moisture

Cpnd Variable Local Compound Variable

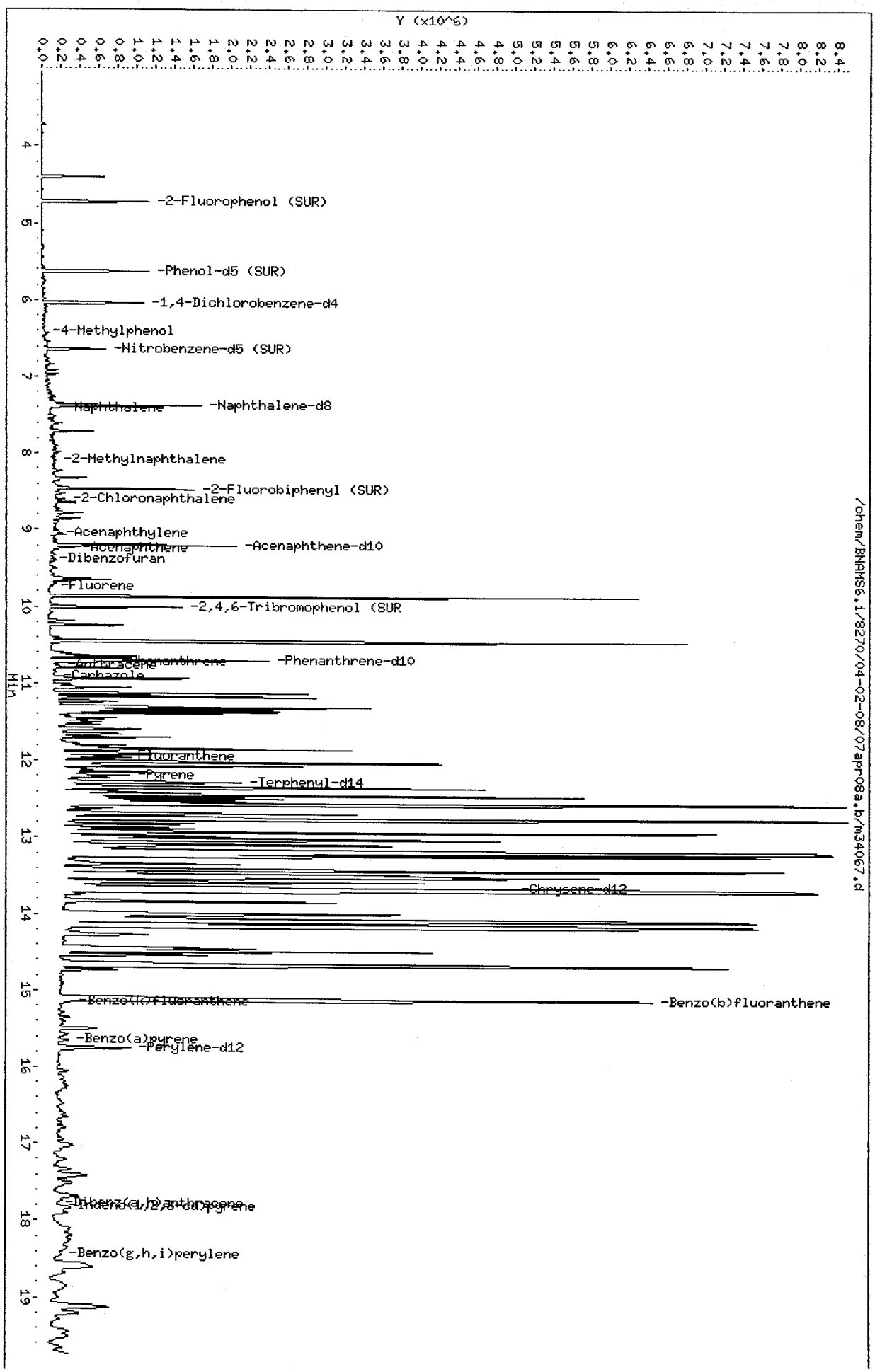
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.725	4.727	(0.782)	378046	58.8440	6000
$ 17 Phenol-d5 (SUR)	99	5.633	5.636	(0.932)	479300	56.1587	5700
* 79 1,4-Dichlorobenzene-d4	152	6.044	6.046	(1.000)	206102	40.0000	
4 4-Methylphenol	108	6.403	6.422	(1.060)	1487	0.21167	22(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.639	6.650	(0.900)	202098	30.5515	3100
* 80 Naphthalene-d8	136	7.378	7.384	(1.000)	770060	40.0000	
31 Naphthalene	128	7.401	7.406	(1.003)	14135	0.74254	76(a)
34 2-Methylnaphthalene	142	8.094	8.103	(1.097)	2045	0.15974	16(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.470	8.472	(0.920)	493062	30.2441	3100
36 2-Chloronaphthalene	162	8.607	8.614	(0.935)	27656	1.97748	200(a)
39 Acenaphthylene	152	9.047	9.053	(0.983)	4829	0.21101	22(a)
* 82 Acenaphthene-d10	164	9.205	9.202	(1.000)	549990	40.0000	
42 Acenaphthene	154	9.233	9.239	(1.003)	9476	0.62792	64(a)

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d
Report Date: 08-Apr-2008 14:16

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	43 Dibenzofuran	168	9.390	9.395	(1.020)	4140	0.19180	20(a)
	47 Fluorene	166	9.739	9.748	(1.058)	6667	0.39269	40(a)
$	18 2,4,6-Tribromophenol (SUR)	330	10.013	10.016	(1.088)	200837	60.5417	6200
*	83 Phenanthrene-d10	188	10.704	10.708	(1.000)	887907	40.0000	
	52 Phenanthrene	178	10.724	10.731	(1.002)	128151	4.77488	490(a)
	53 Anthracene	178	10.766	10.776	(1.006)	32376	1.20420	120(a)
	54 Carbazole	167	10.911	10.922	(1.019)	7069	0.28478	29(a)
	56 Fluoranthene	202	11.942	11.948	(1.116)	210279	7.94141	810
	57 Pyrene	202	12.194	12.193	(0.893)	238164	9.37943	960
$	78 Terphenyl-d14	244	12.285	12.282	(0.900)	589972	30.6521	3100
*	81 Chrysene-d12	240	13.653	13.629	(1.000)	919134	40.0000	
	65 Benzo(b)fluoranthene	252	15.126	15.127	(0.960)	207582	12.5063	1300
	66 Benzo(k)fluoranthene	252	15.154	15.164	(0.962)	61046	4.17028	420
	67 Benzo(a)pyrene	252	15.653	15.661	(0.993)	68138	5.10110	520
*	84 Perylene-d12	264	15.758	15.756	(1.000)	471591	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.809	17.840	(1.130)	21051	1.59862	160
	69 Dibenz(a,h)anthracene	278	17.781	17.825	(1.128)	6049	0.53778	55(H)
	70 Benzo(g,h,i)perylene	276	18.438	18.474	(1.170)	14563	1.36829	140(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.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Date : 07-APR-2008 22:07
Client ID: 032508-1750
Sample Info: 908695;4225895
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
Min
/chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-4-Methylphenol
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Methylnaphthalene
-2-Fluorobiphenyl (SUR)
-2-Chloronaphthalene
-Acenaphthylene
-Acenaphthene-d10
-Dibenzofuran
-Fluorene
-2,4,6-Tribromophenol (SUR
-Phenanthrene-d10
-Carbazole
-Fluoranthene
-Pyrene
-Terphenyl-d14
-Chrysene-d12
-Benzo(b)fluoranthene
-Benzo(a)pyrene
-Perylene-d12
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

Sample Info: 908695;4225895

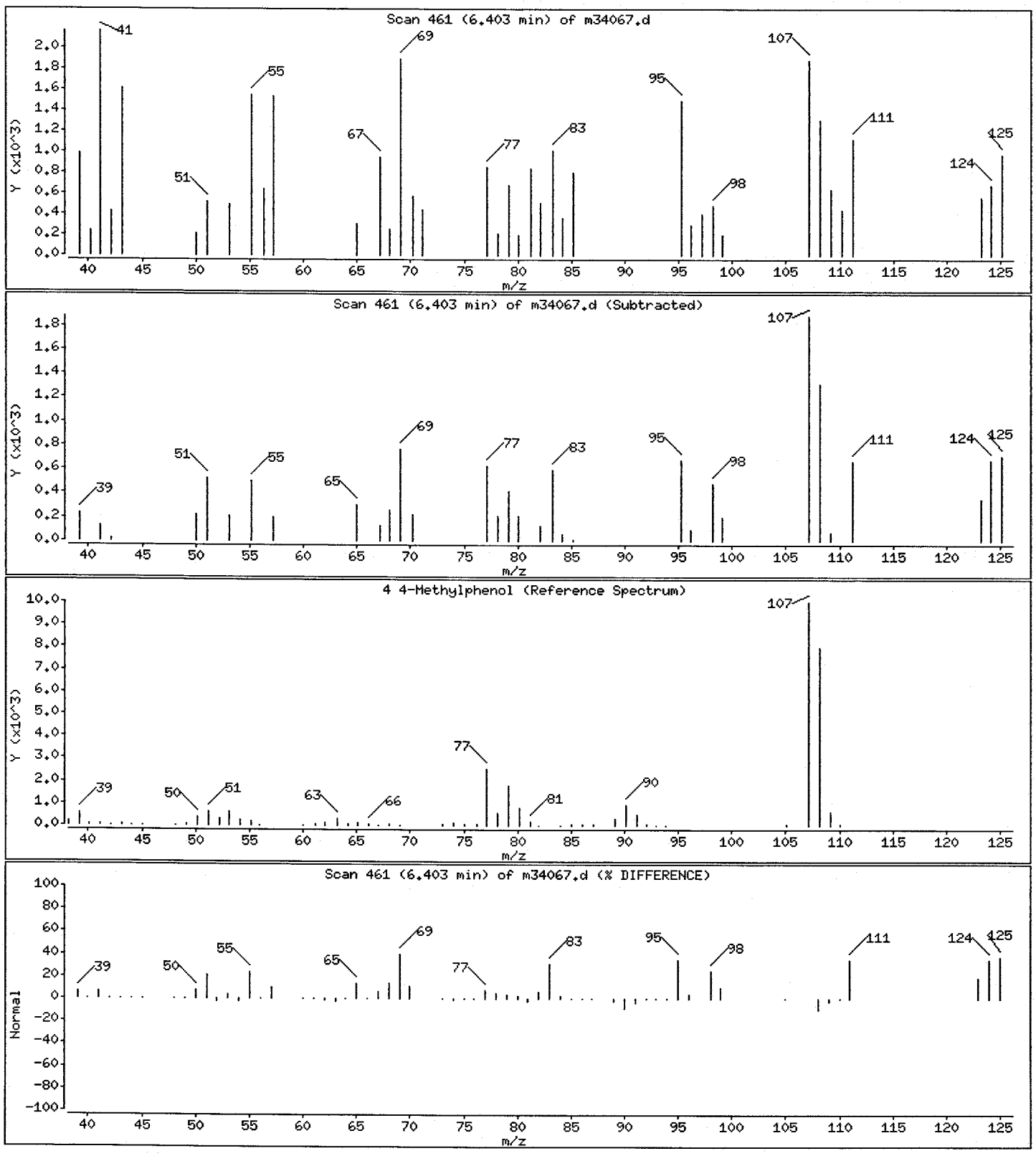
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

4 4-Methylphenol

Concentration: 22 ug/Kg



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Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

Sample Info: 908695;4225895

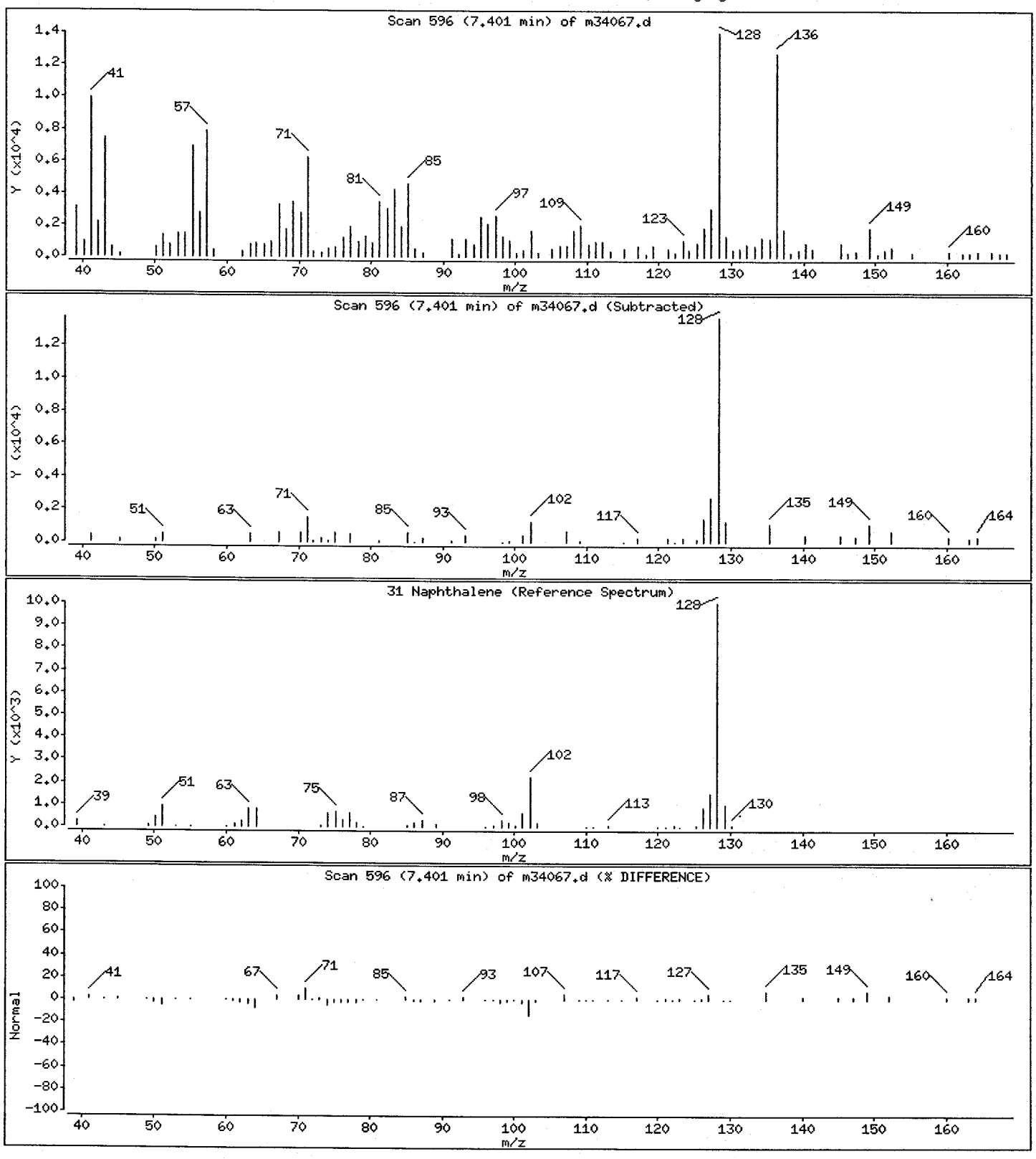
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

31 Naphthalene

Concentration: 76 ug/Kg



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Date : 07-APR-2008 22:07

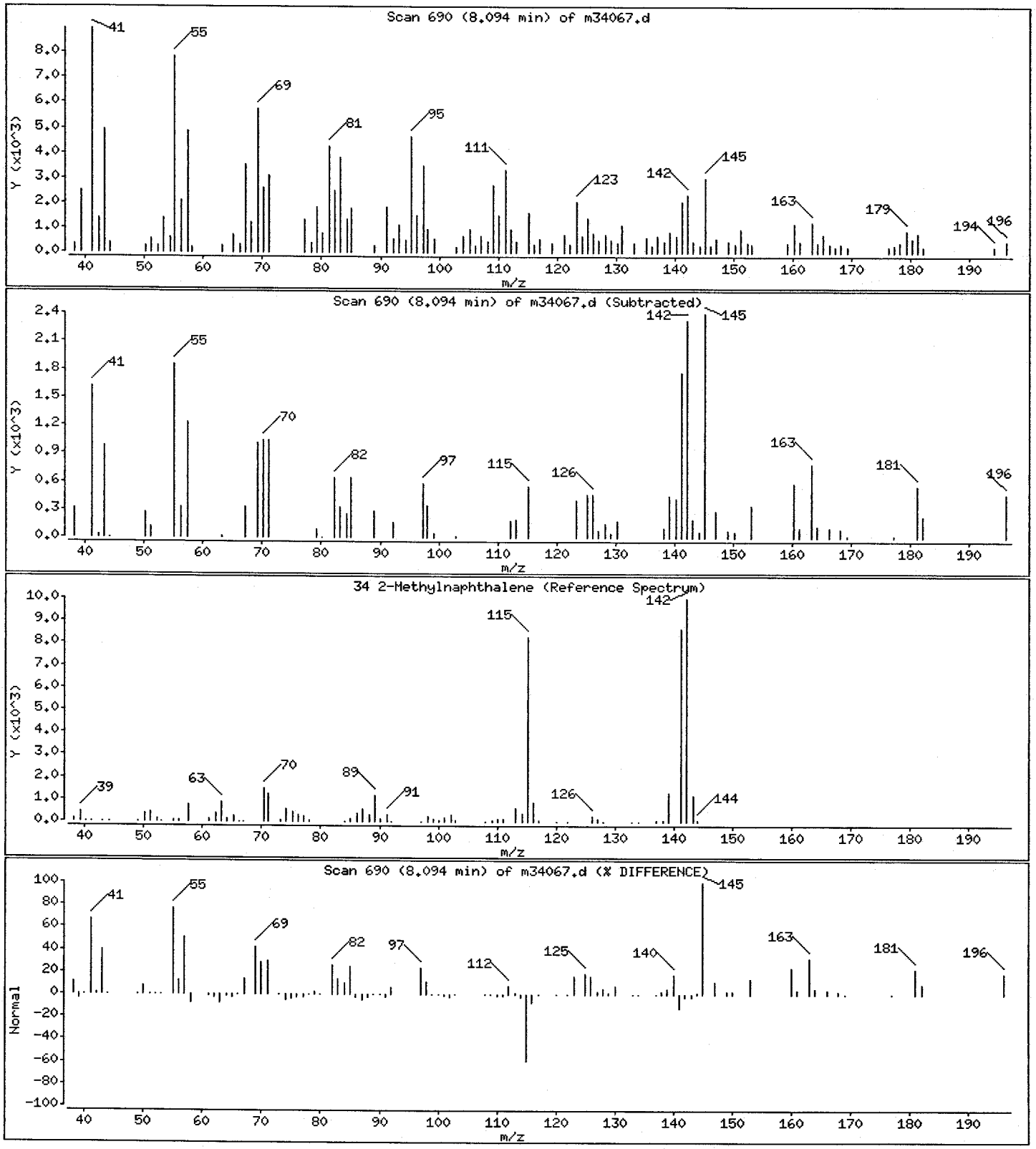
Client ID: 032508-1750 Instrument: BNAMS6.i

Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

34 2-Methylnaphthalene Concentration: 16 ug/Kg



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Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

Sample Info: 908695;4225895

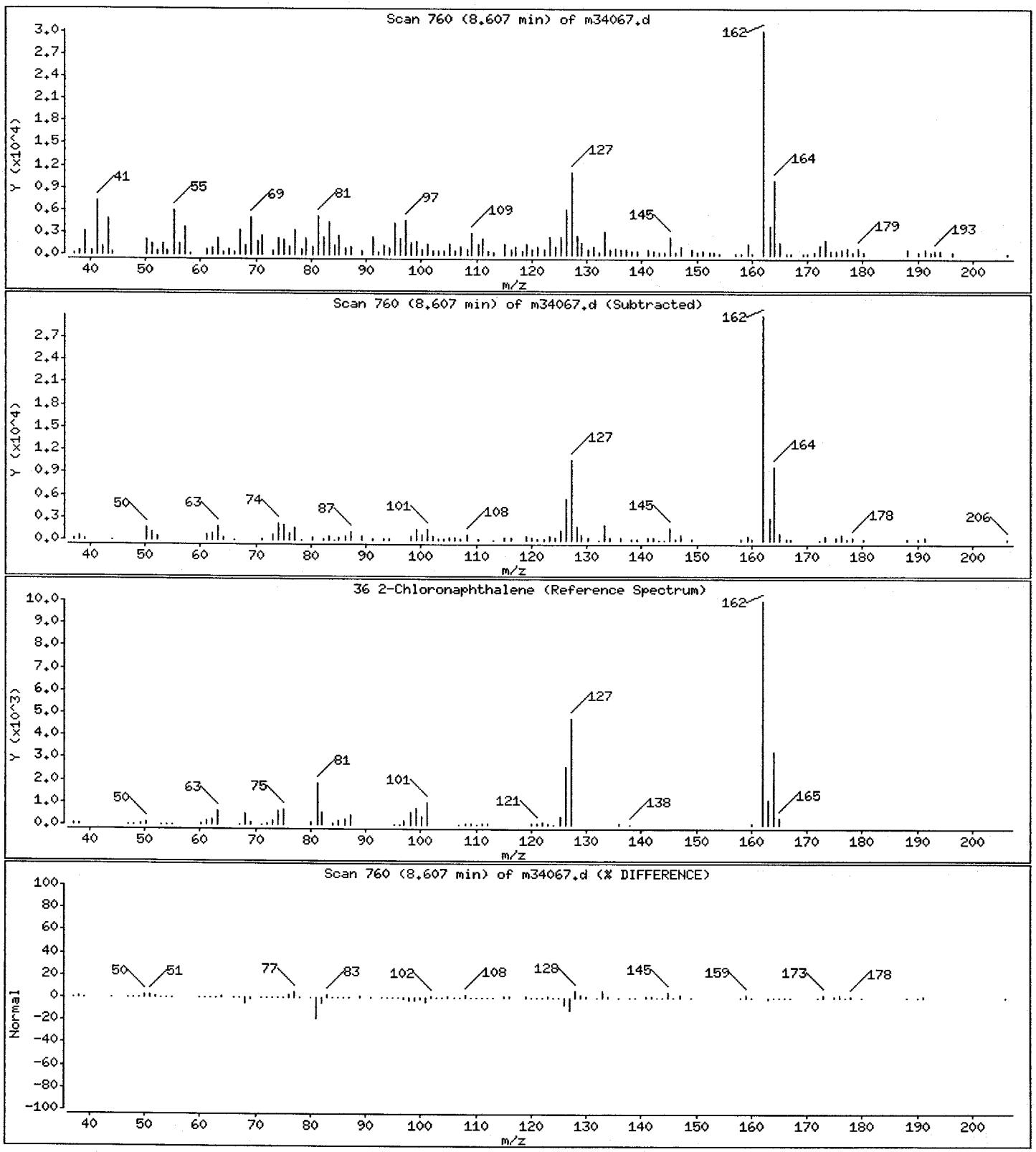
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

36 2-Chloronaphthalene

Concentration: 200 ug/Kg



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Date : 07-APR-2008 22:07

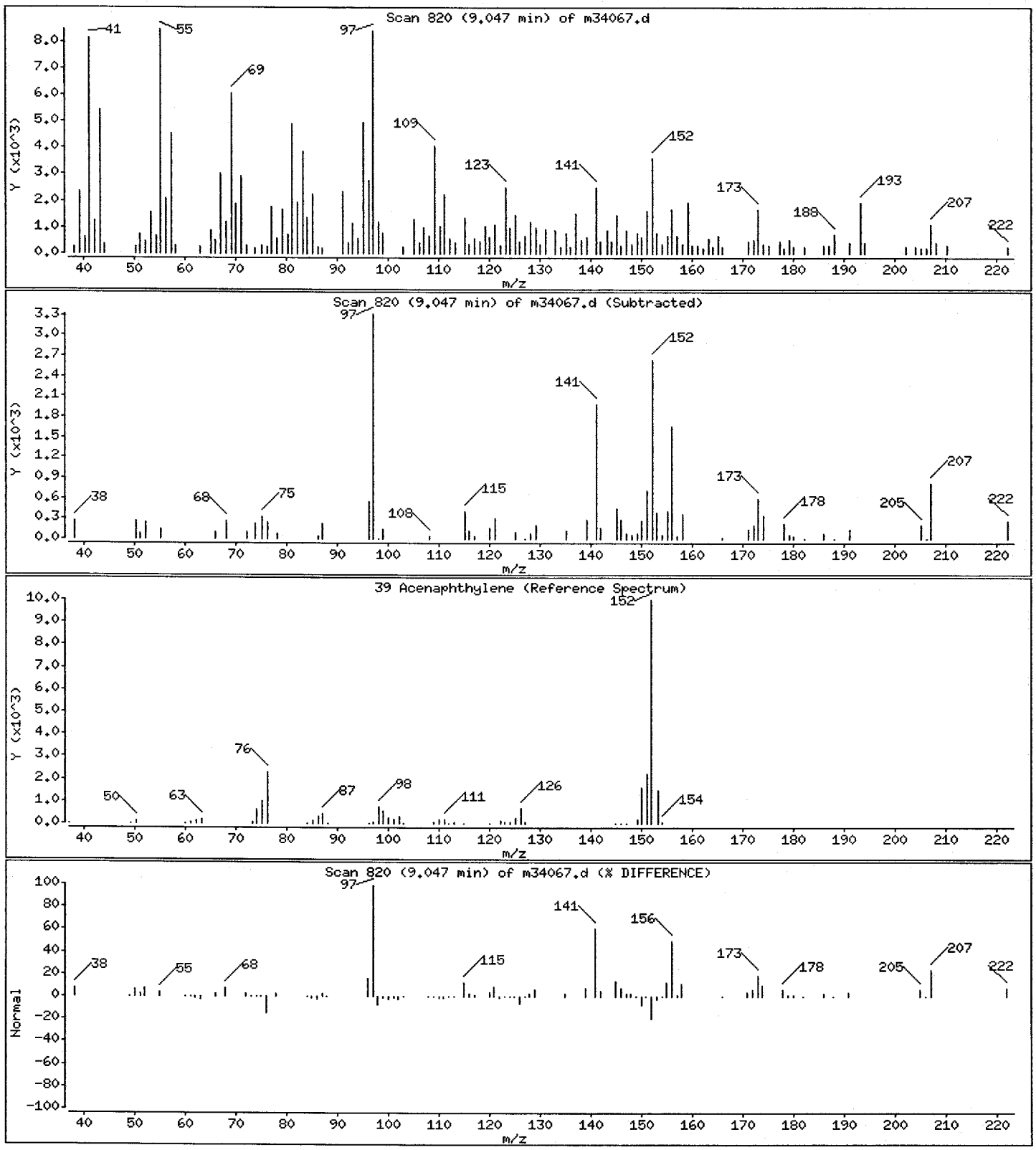
Client ID: 032508-1750 Instrument: BNAMS6.i

Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

39 Acenaphthylene Concentration: 22 ug/Kg



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Date : 07-APR-2008 22:07

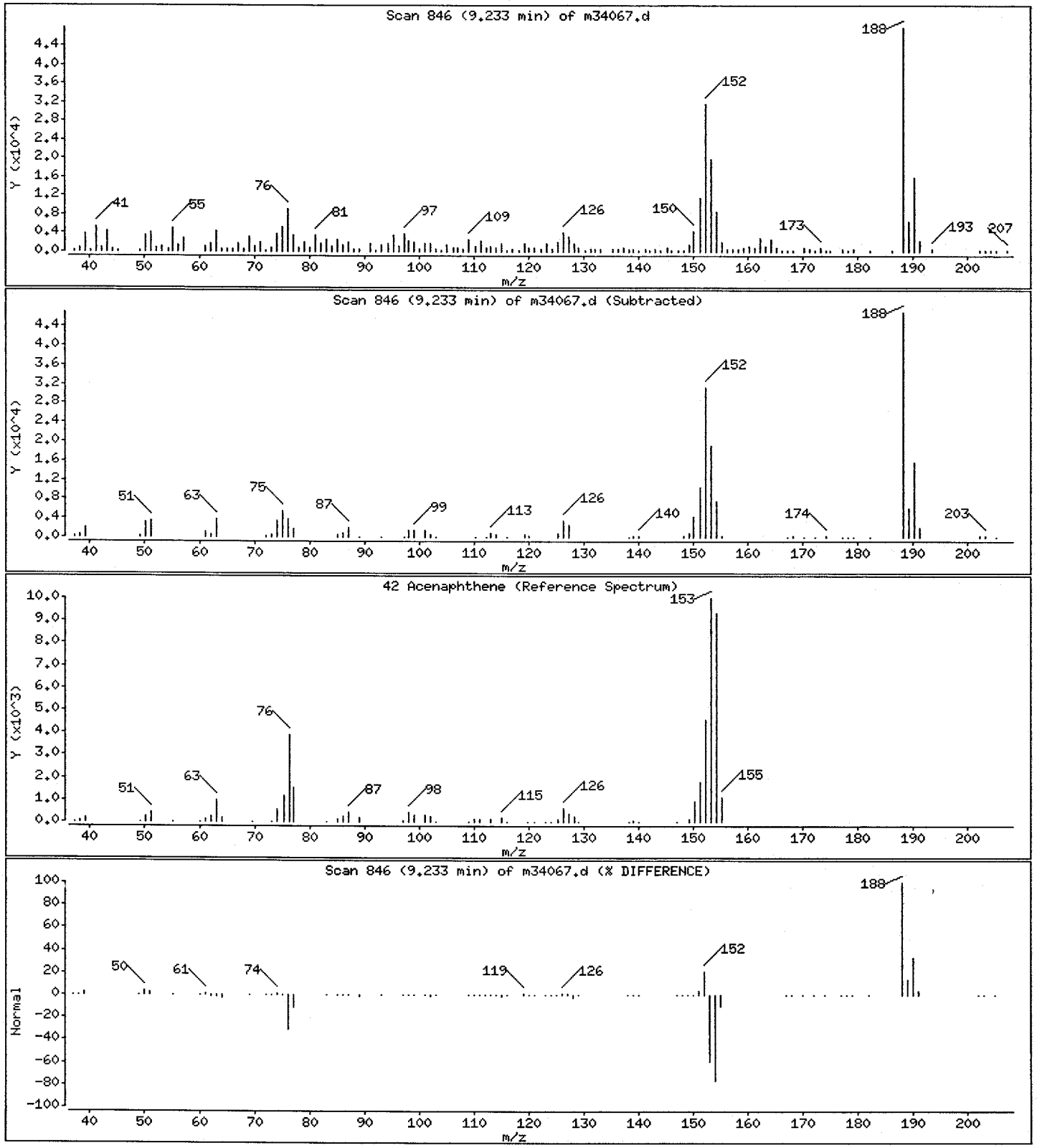
Client ID: 032508-1750 Instrument: BNAMS6.i

Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

42 Acenaphthene Concentration: 64 ug/Kg



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Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

Sample Info: 908695;4225895

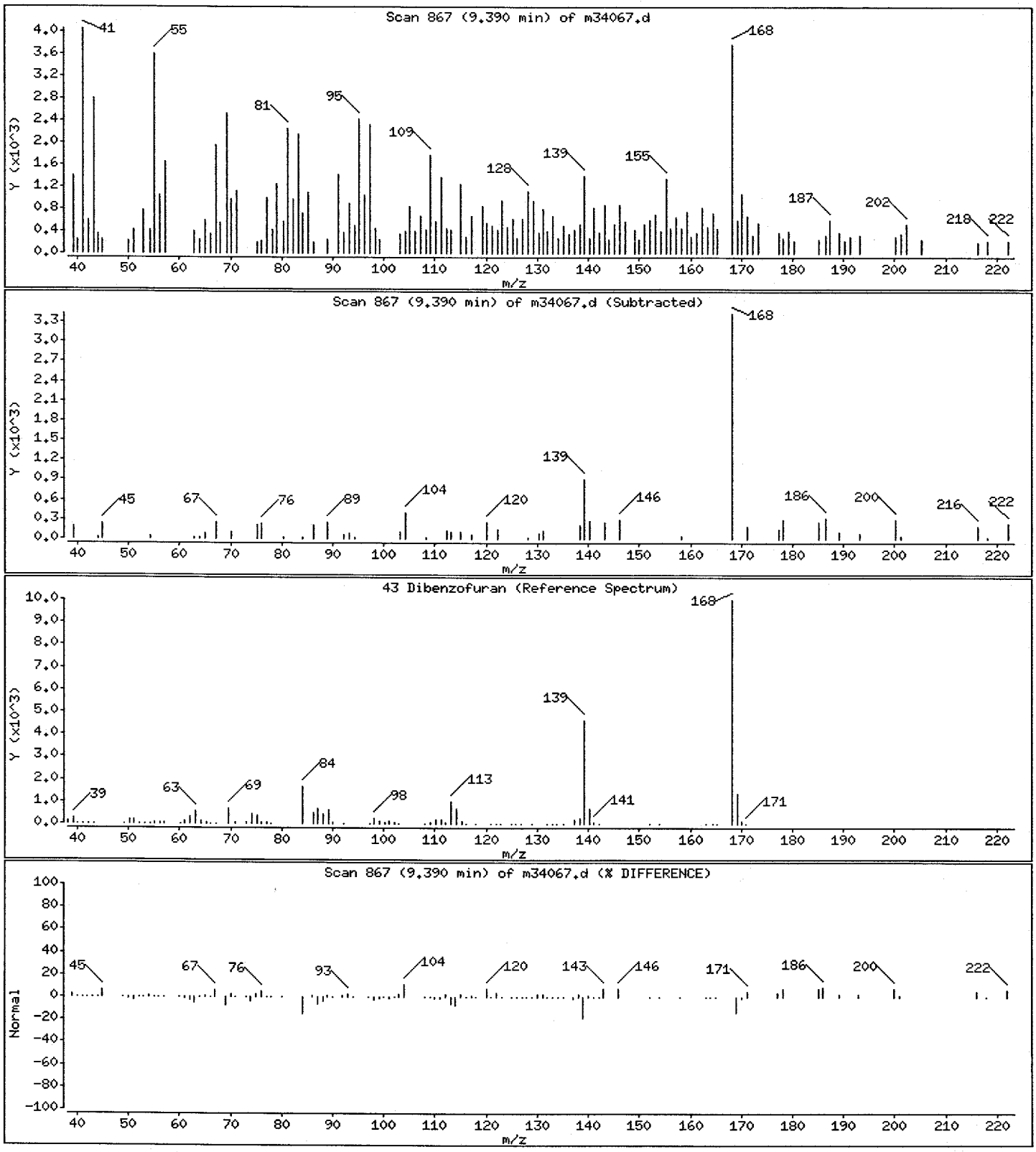
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

43 Dibenzofuran

Concentration: 20 ug/Kg



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Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

Sample Info: 908695;4225895

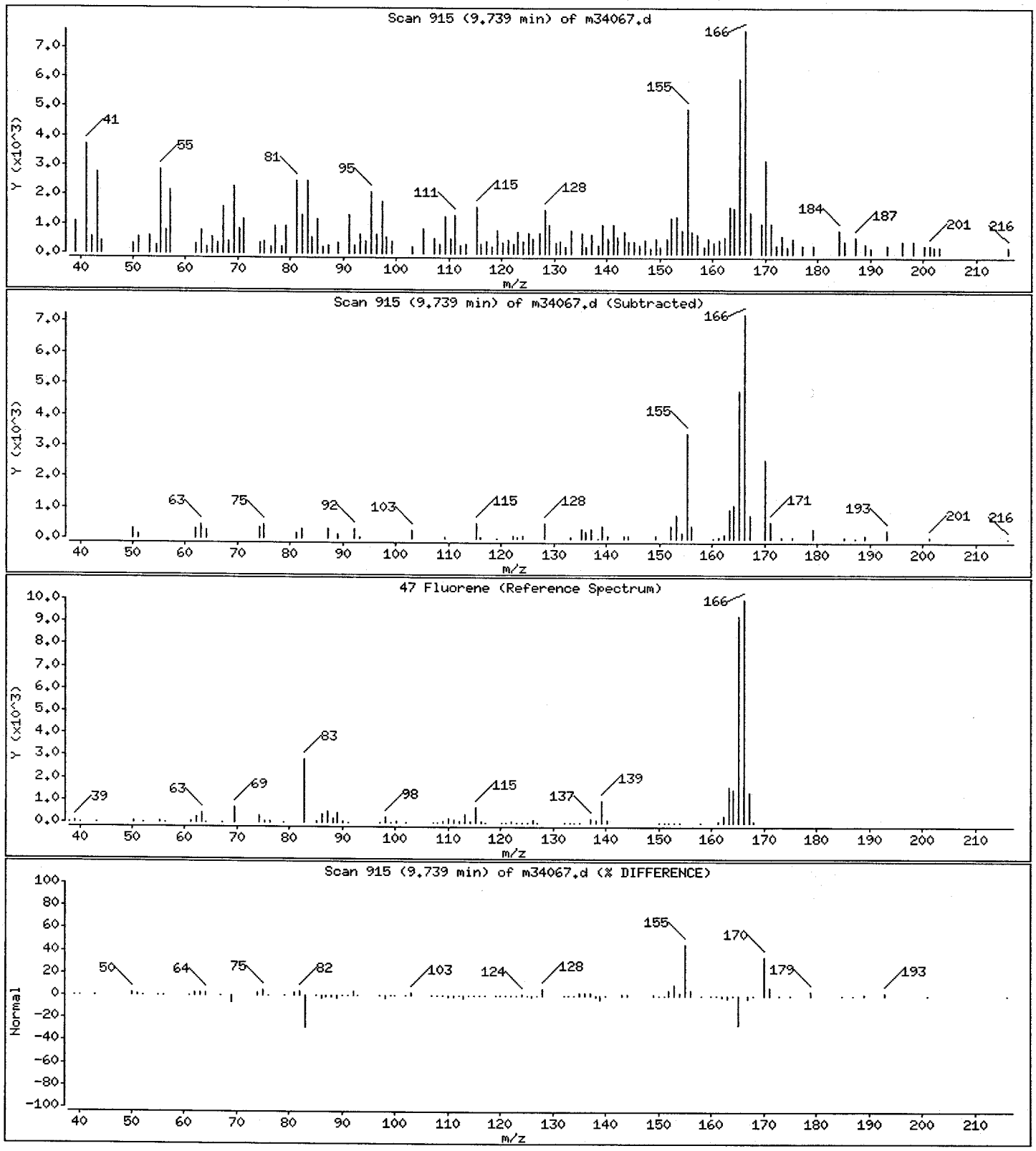
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

47 Fluorene

Concentration: 40 ug/Kg



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Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

Sample Info: 908695;4225895

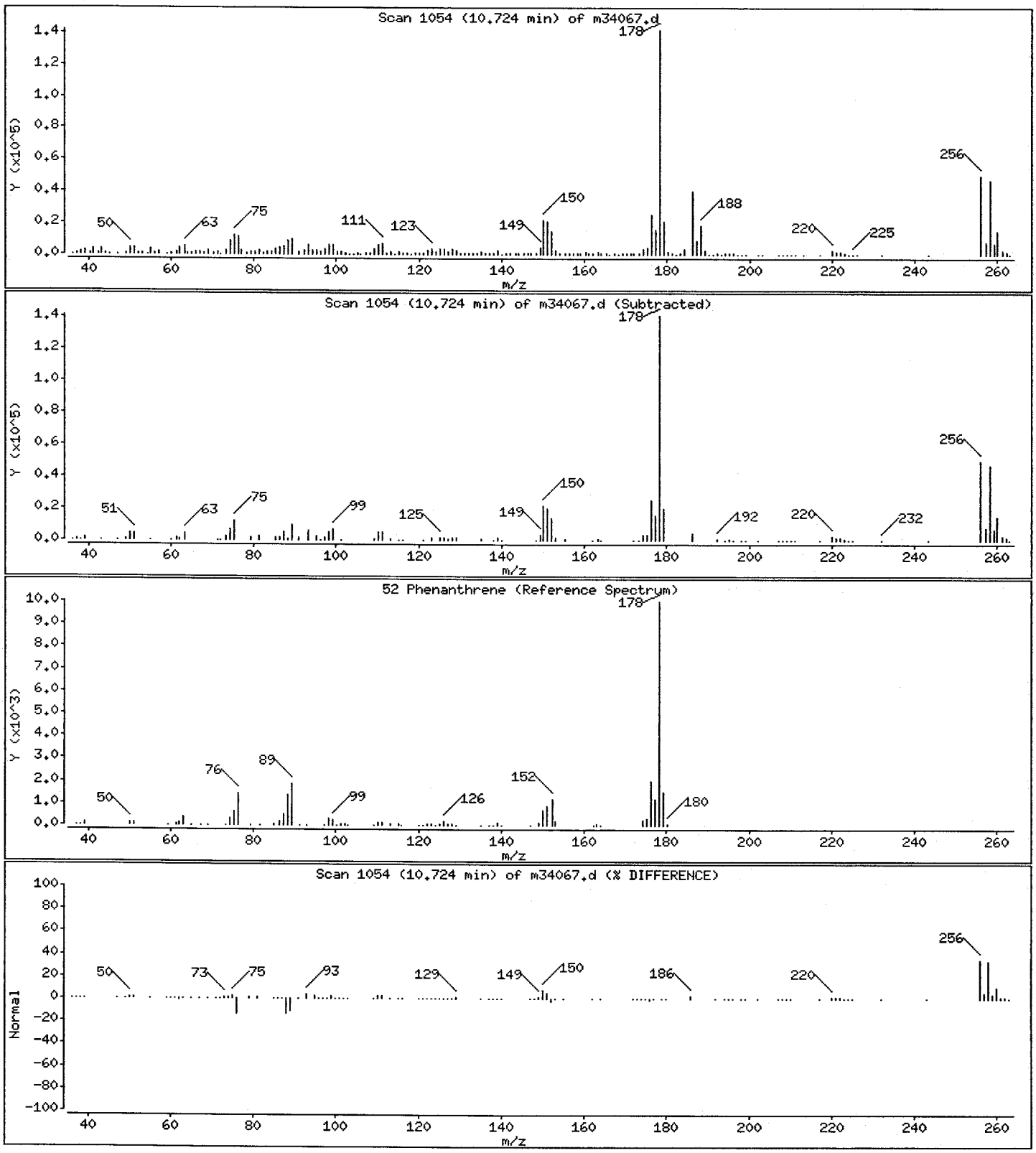
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

52 Phenanthrene

Concentration: 490 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

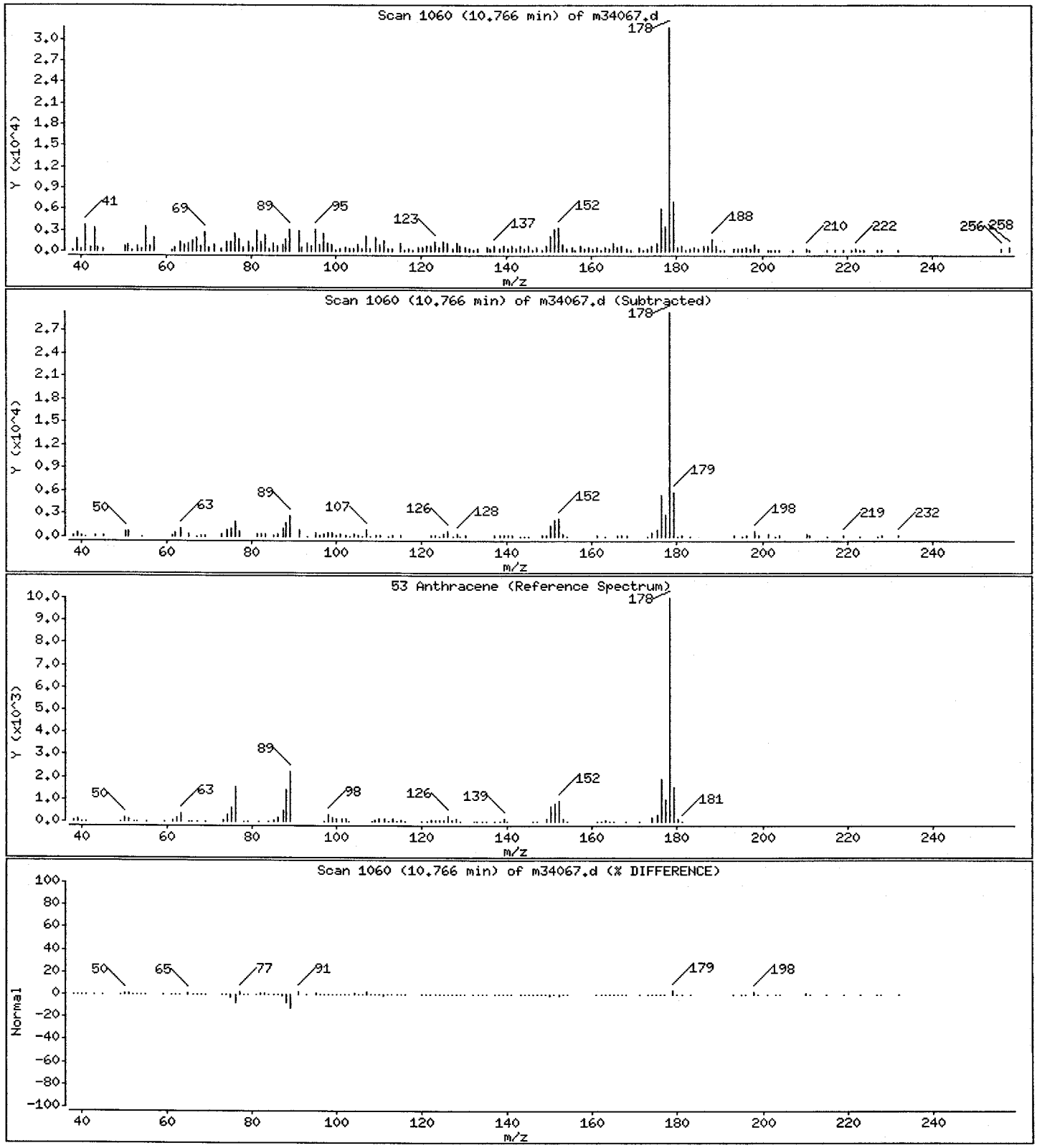
Client ID: 032508-1750 Instrument: BNAMS6.i

Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

53 Anthracene Concentration: 120 ug/Kg



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Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

Sample Info: 908695;4225895

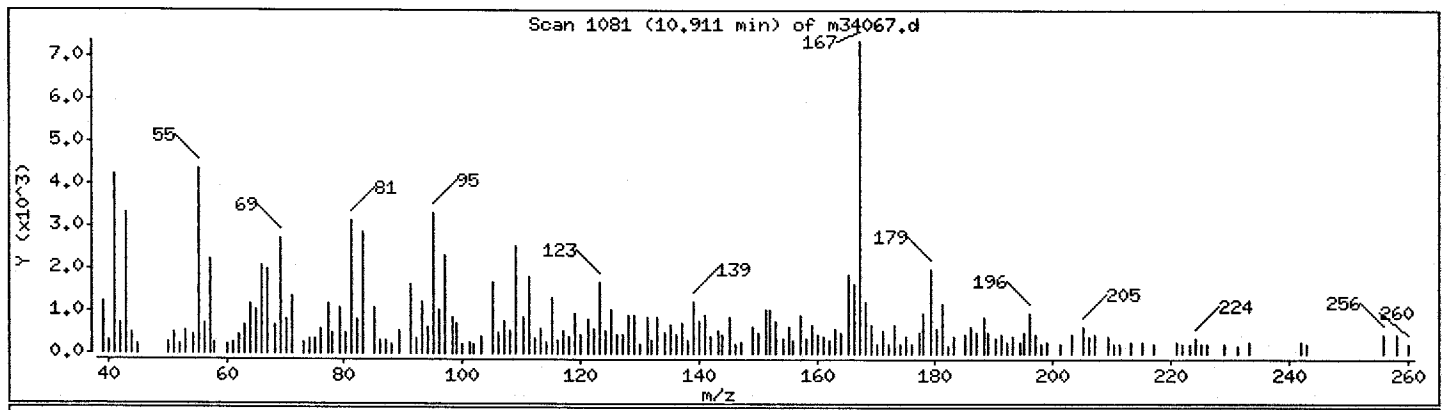
Operator: BNAMS 4

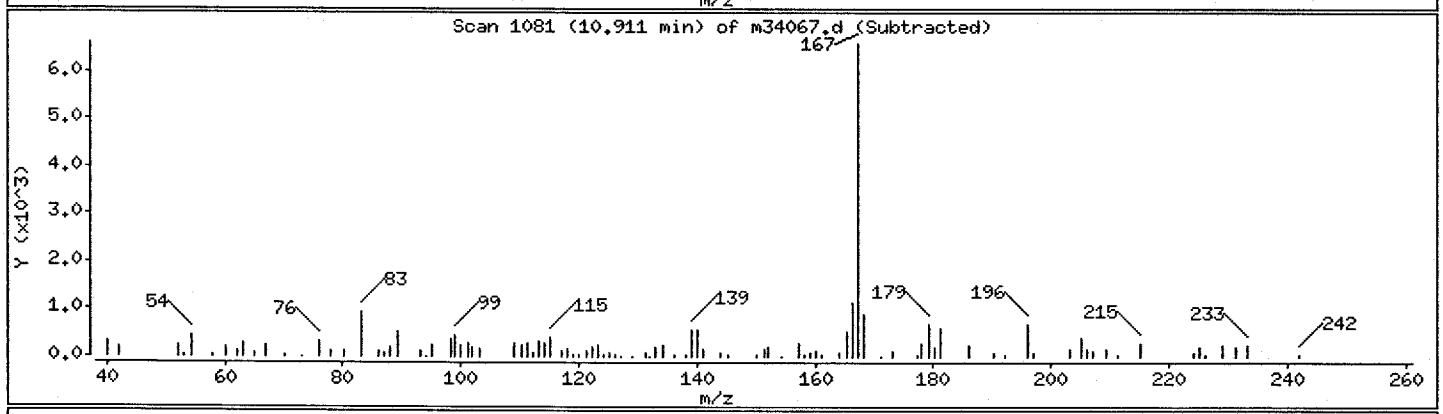
Column phase: DB-5

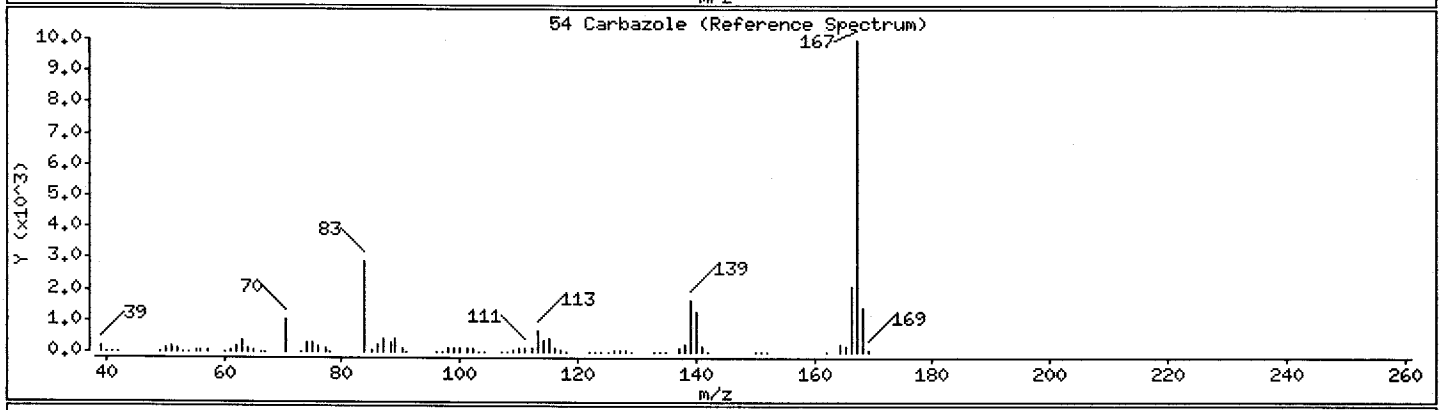
Column diameter: 0.25

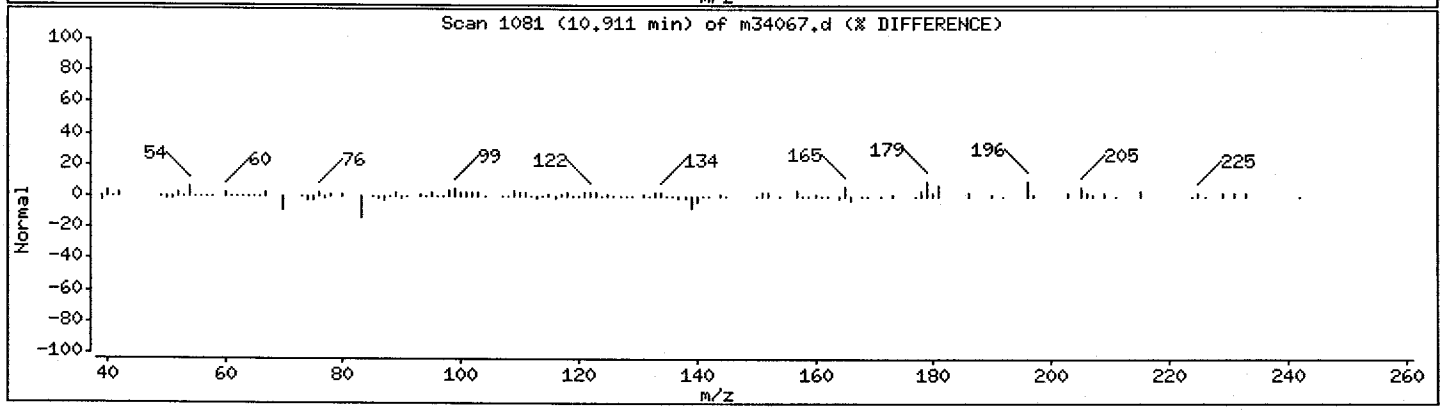
54 Carbazole

Concentration: 29 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

Sample Info: 908695;4225895

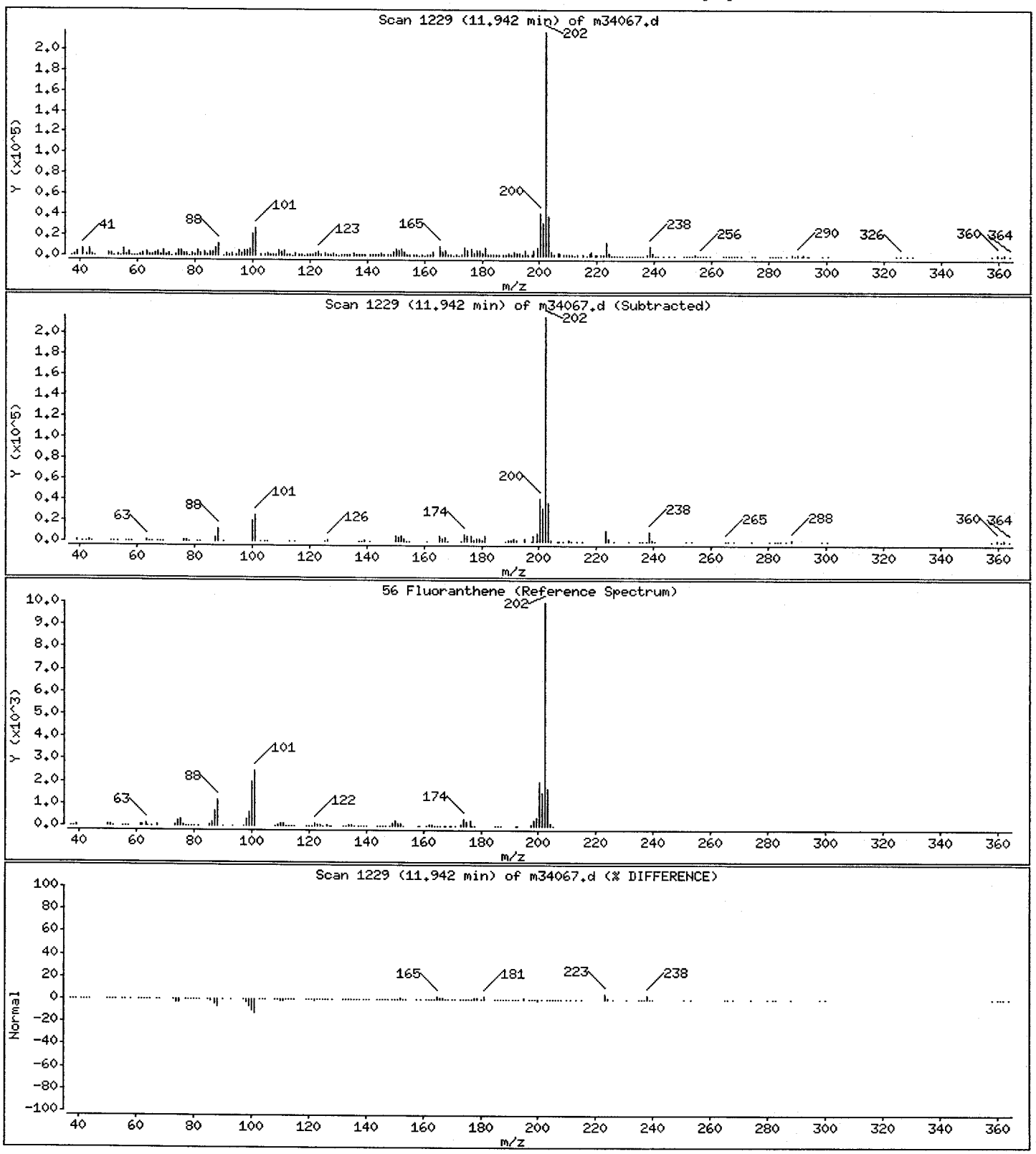
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

56 Fluoranthene

Concentration: 810 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

Sample Info: 908695;4225895

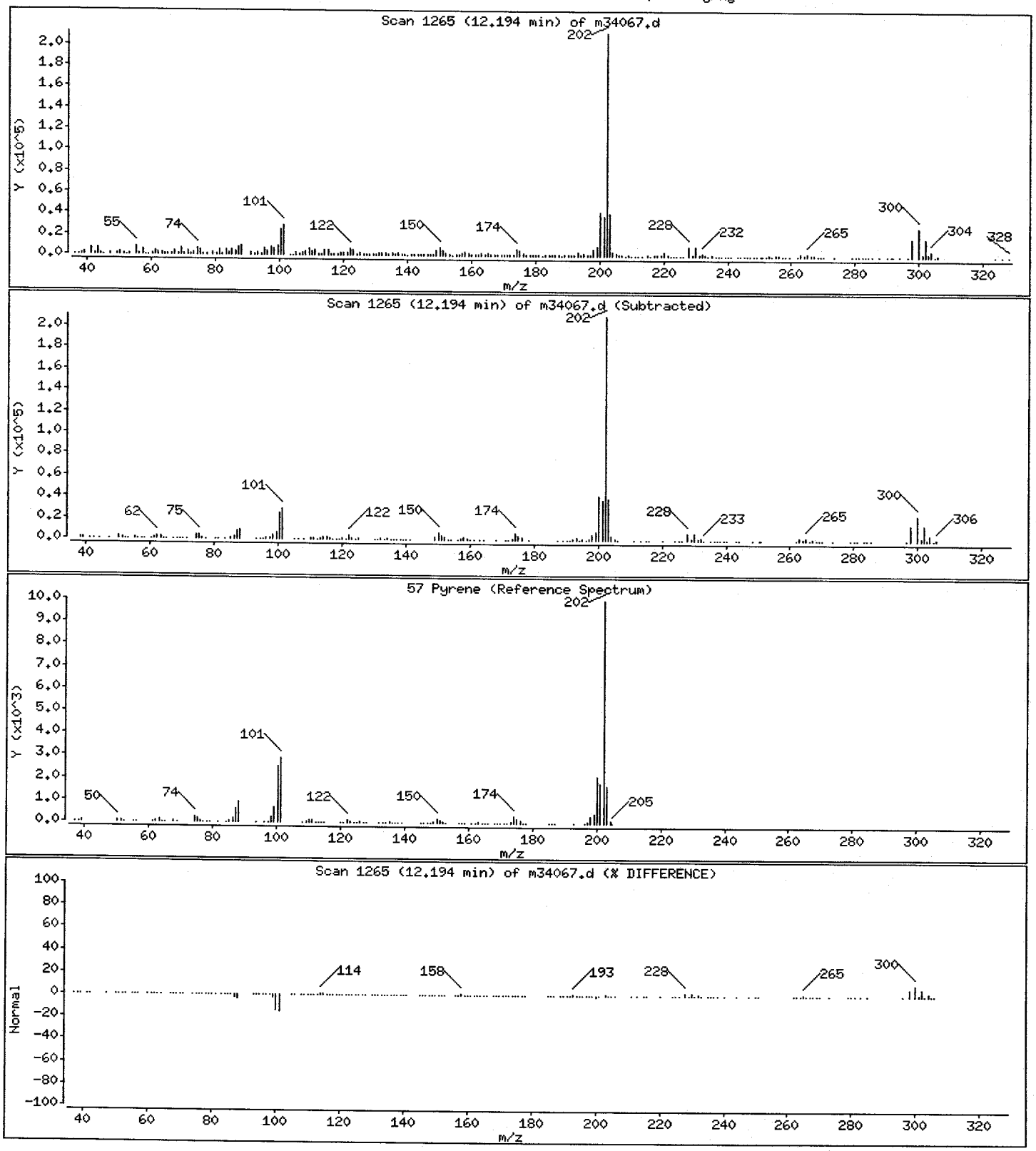
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

57 Pyrene

Concentration: 960 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

Sample Info: 908695;4225895

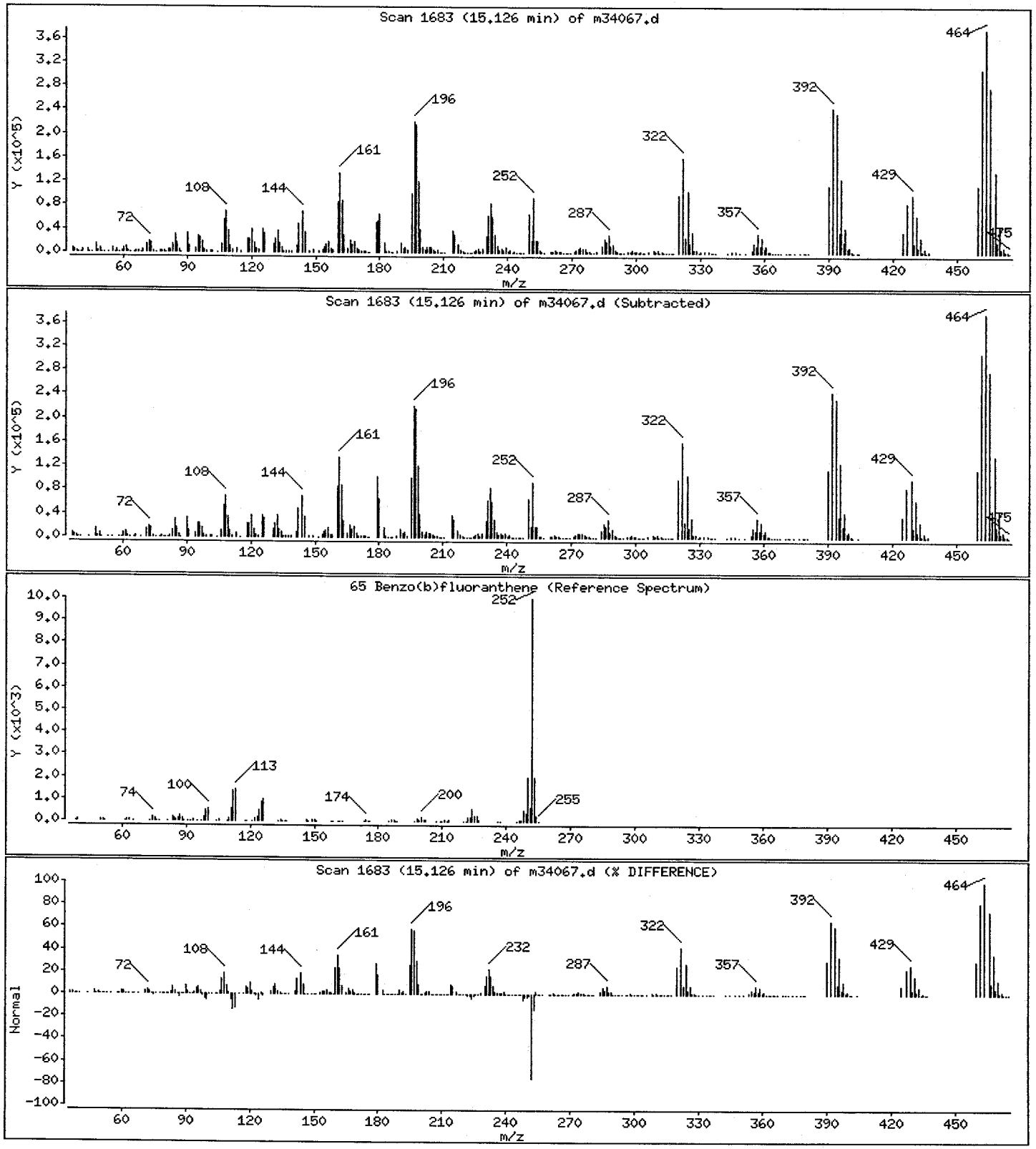
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

65 Benzo(b)fluoranthene

Concentration: 1300 ug/Kg



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Date : 07-APR-2008 22:07

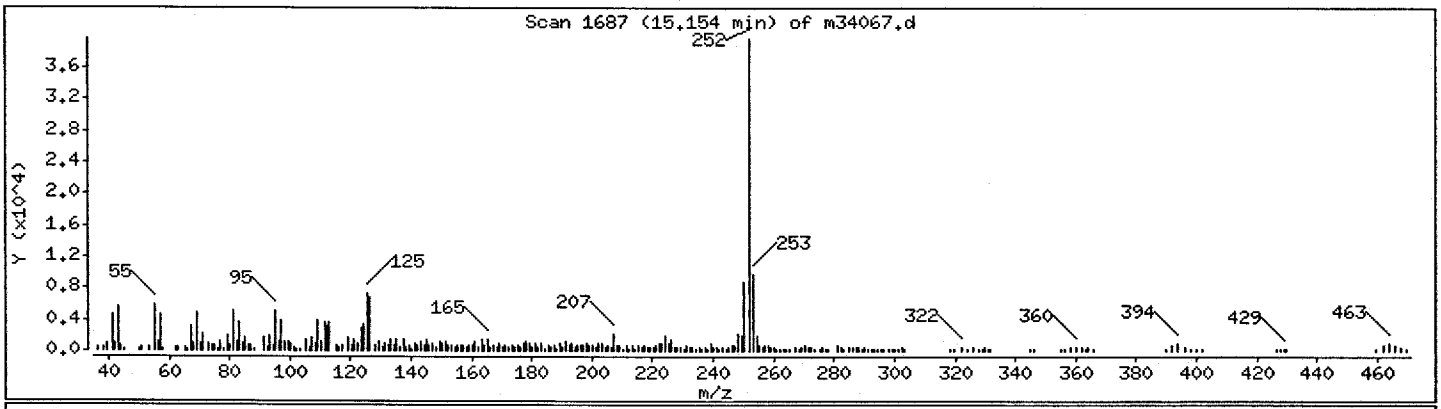
Client ID: 032508-1750 Instrument: BNAMS6.i

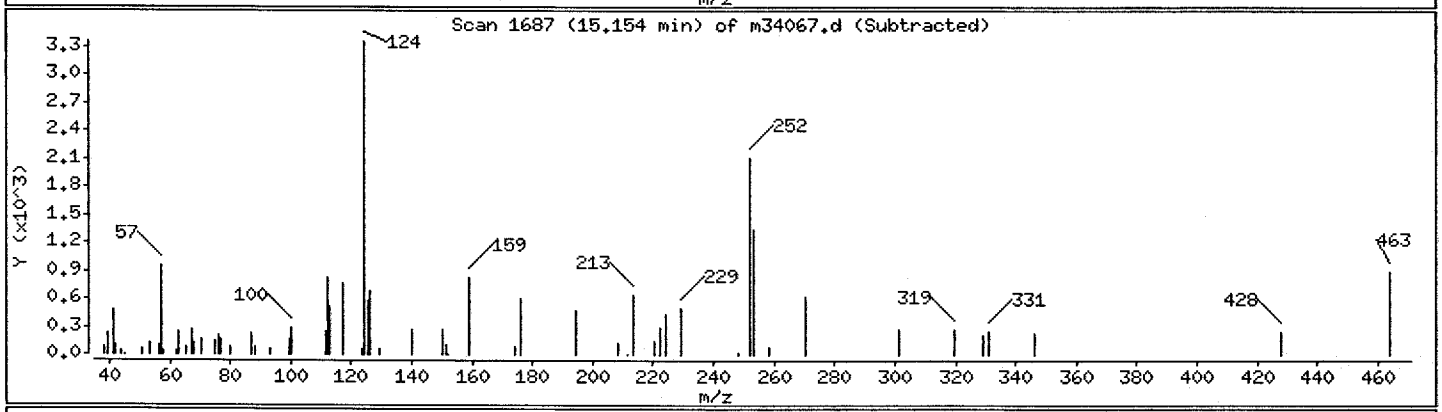
Sample Info: 908695;4225895

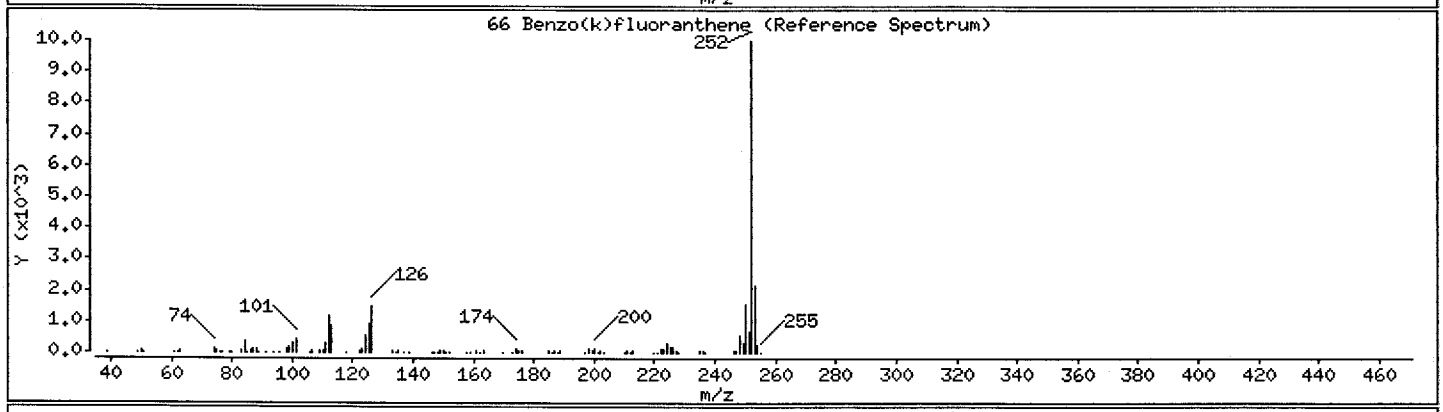
Operator: BNAMS 4

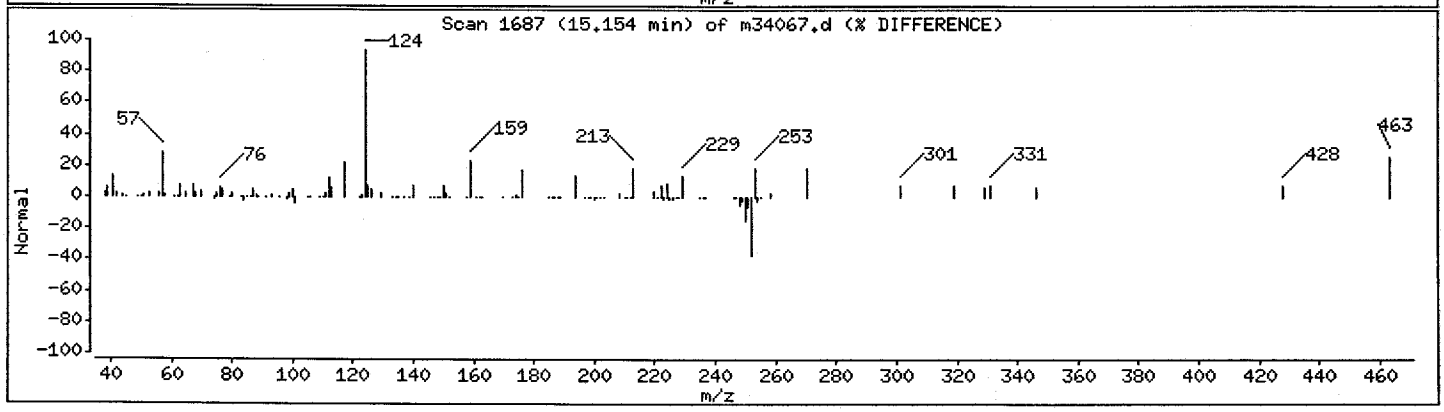
Column phase: DB-5 Column diameter: 0.25

66 Benzo(k)fluoranthene Concentration: 420 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

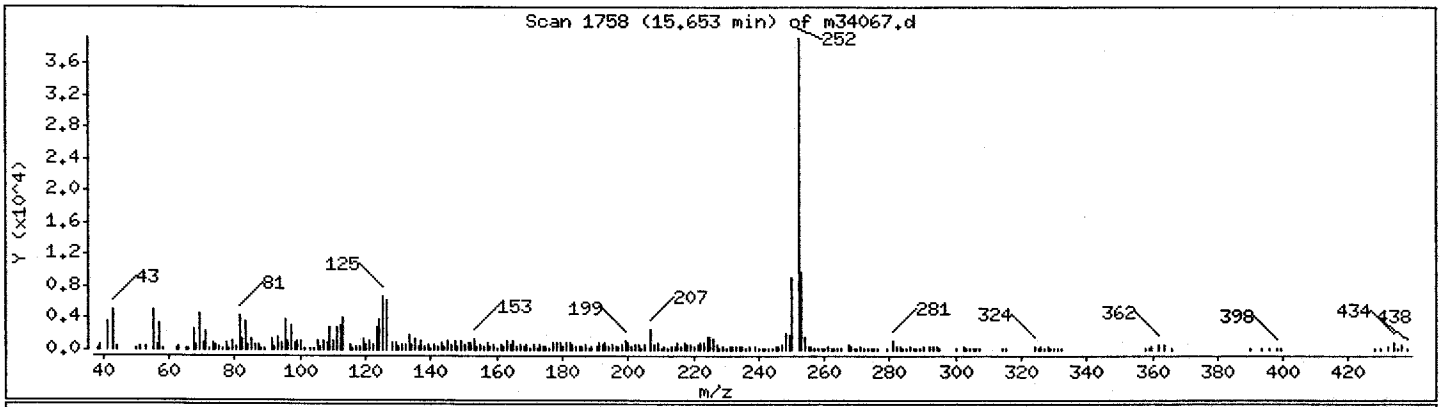
Client ID: 032508-1750 Instrument: BNAMS6.i

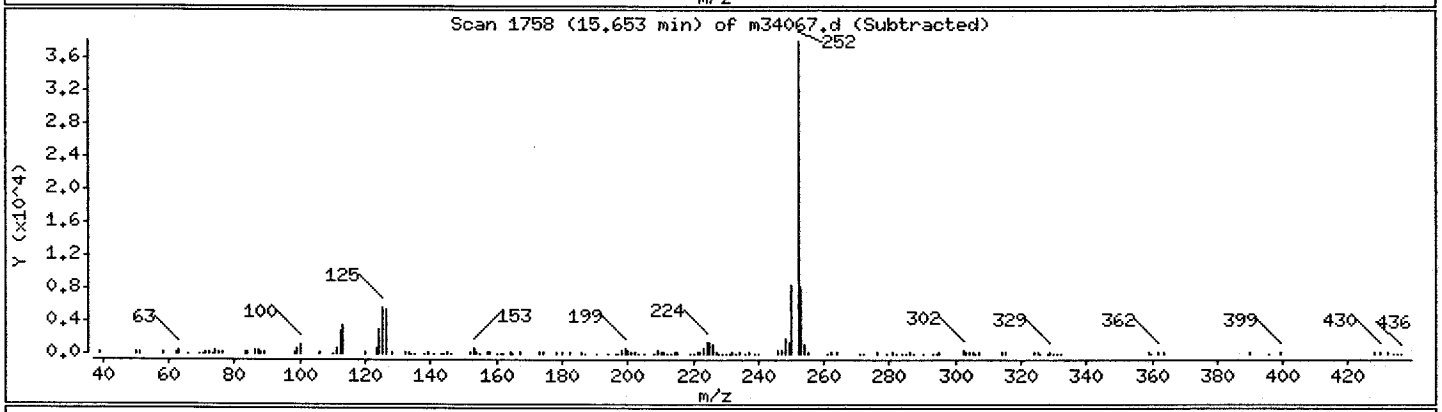
Sample Info: 908695;4225895

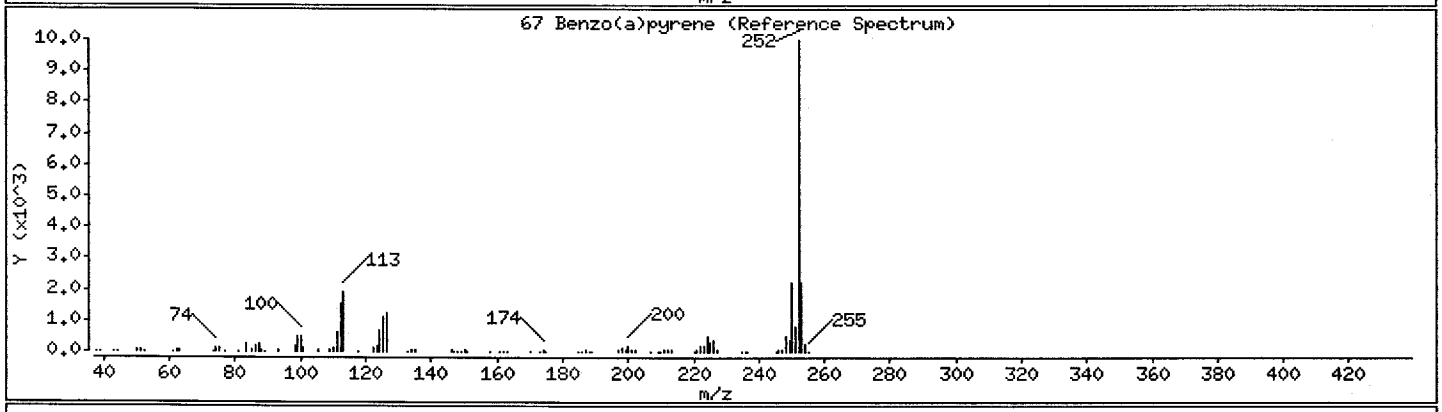
Operator: BNAMS 4

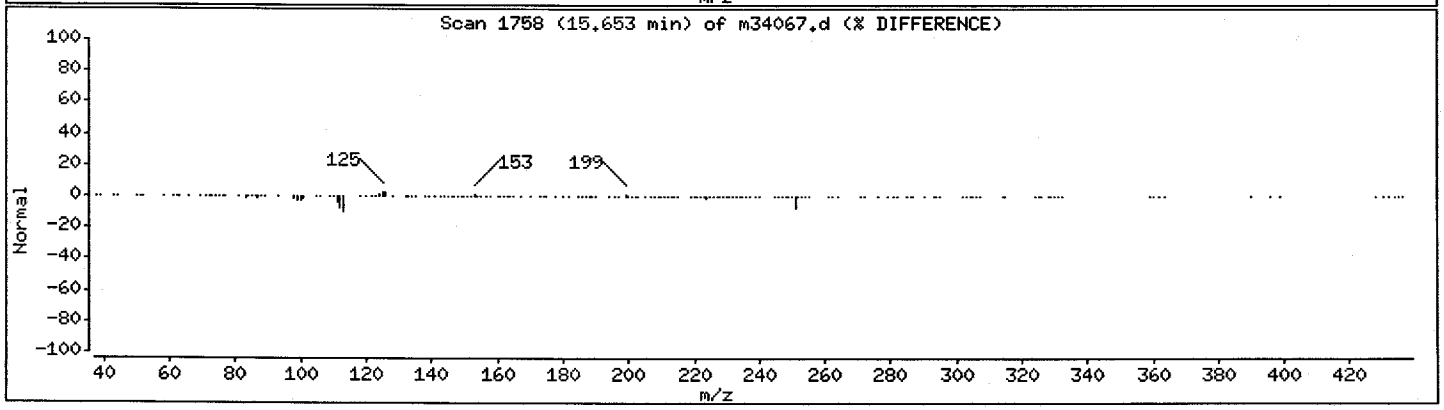
Column phase: DB-5 Column diameter: 0.25

67 Benzo(a)pyrene Concentration: 520 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

Sample Info: 908695;4225895

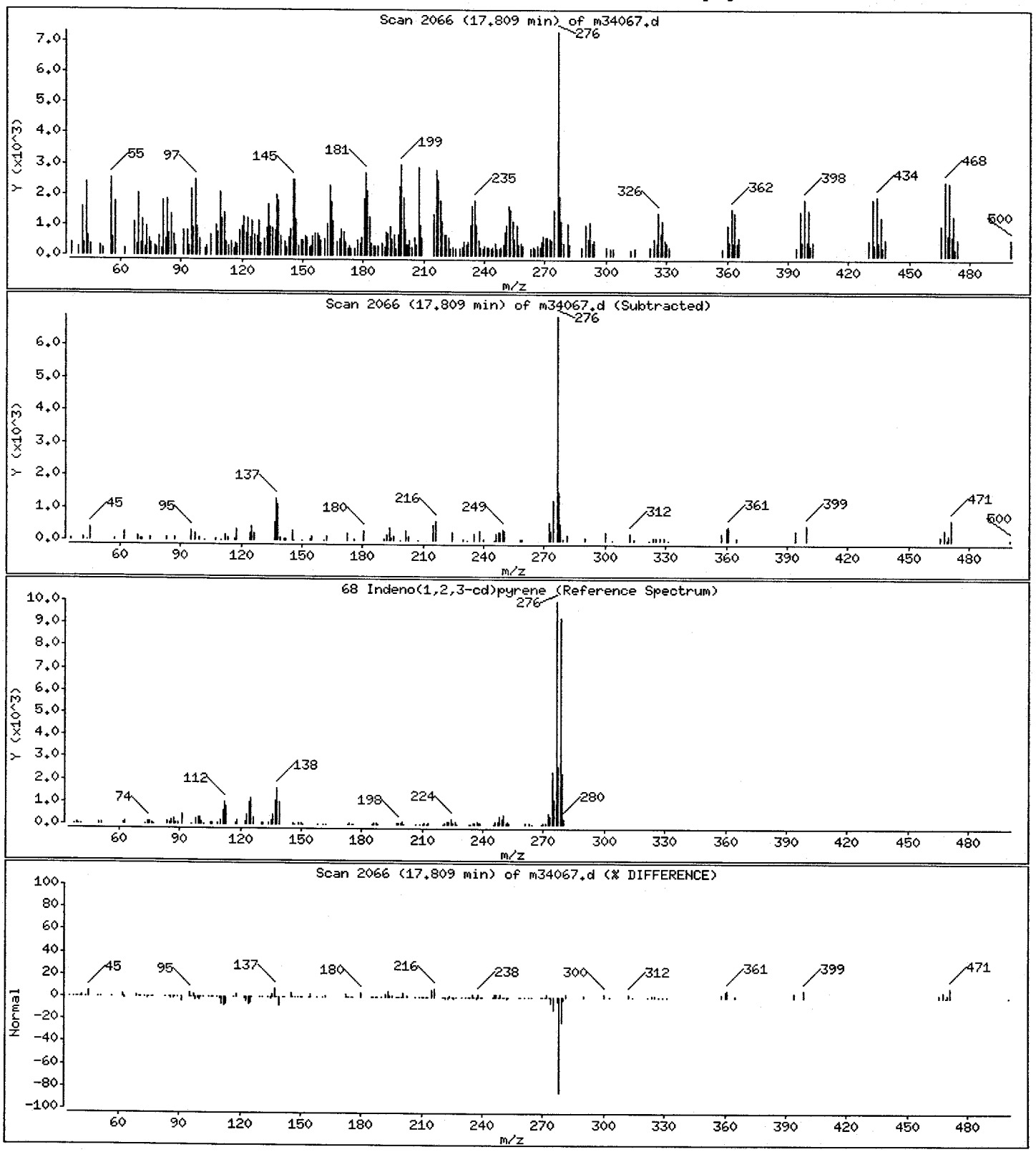
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

68 Indeno(1,2,3-cd)pyrene

Concentration: 160 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

Sample Info: 908695;4225895

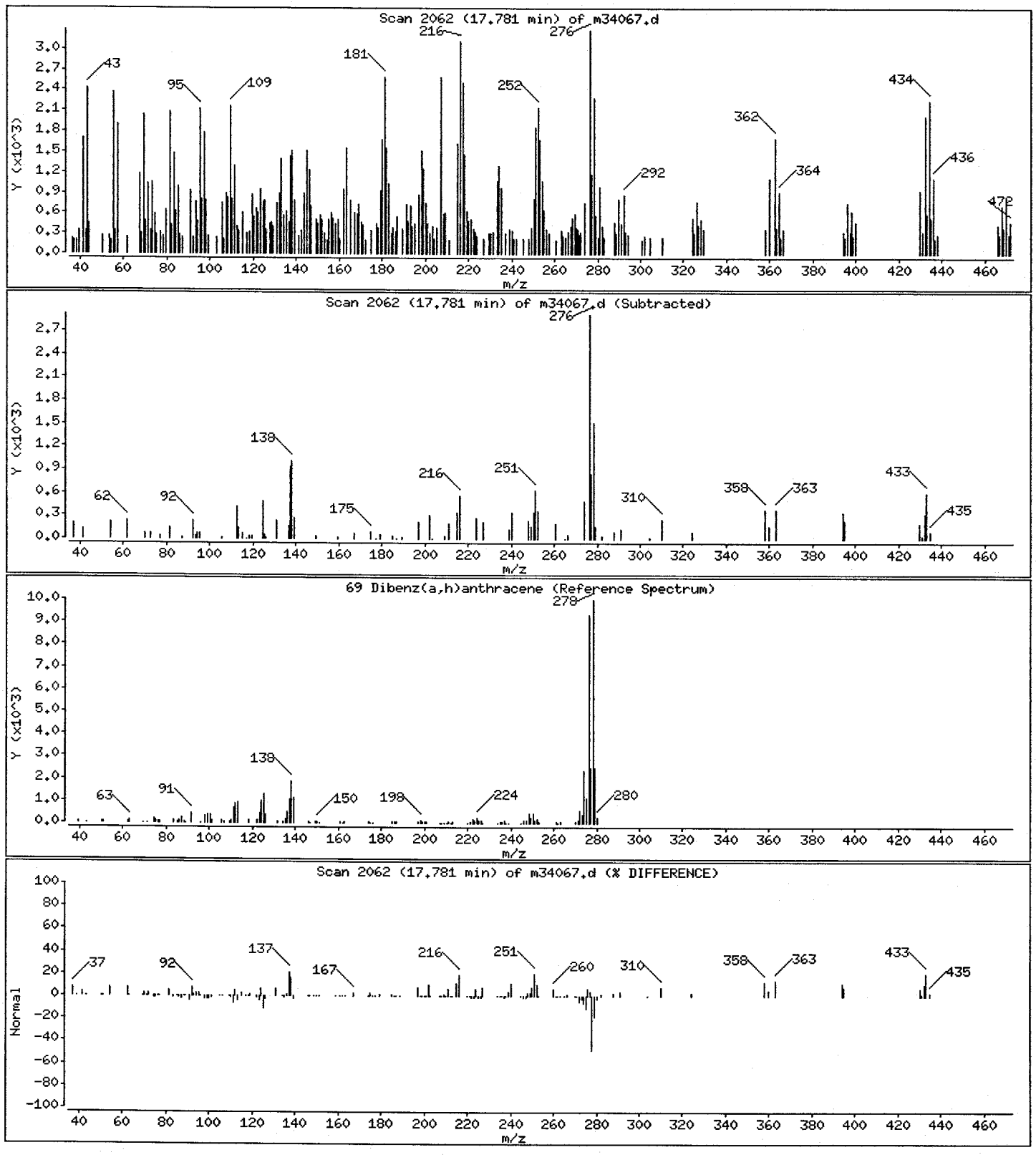
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

69 Dibenz(a,h)anthracene

Concentration: 55 ug/Kg



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Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

Sample Info: 908695;4225895

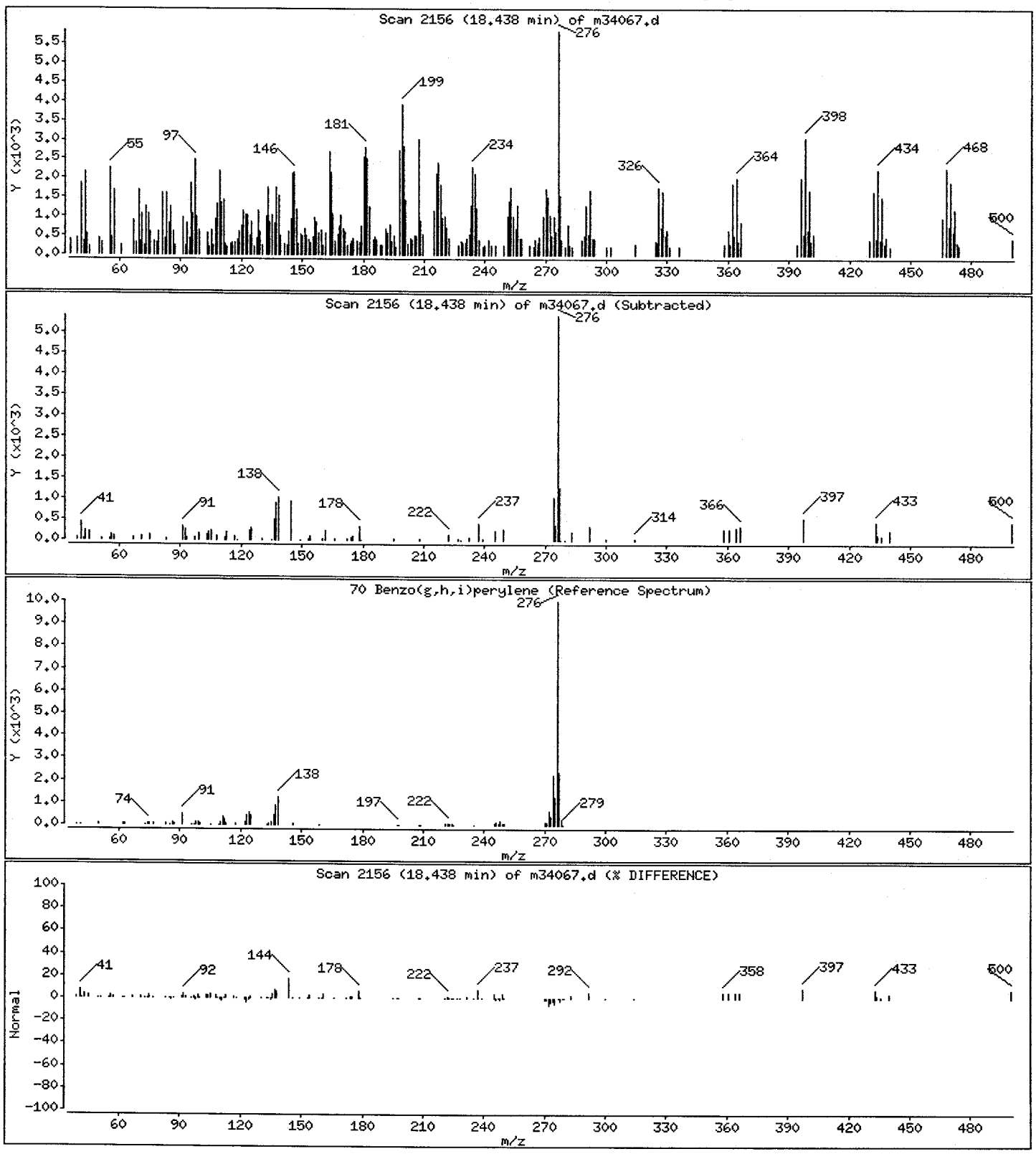
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

70 Benzo(g,h,i)perylene

Concentration: 140 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

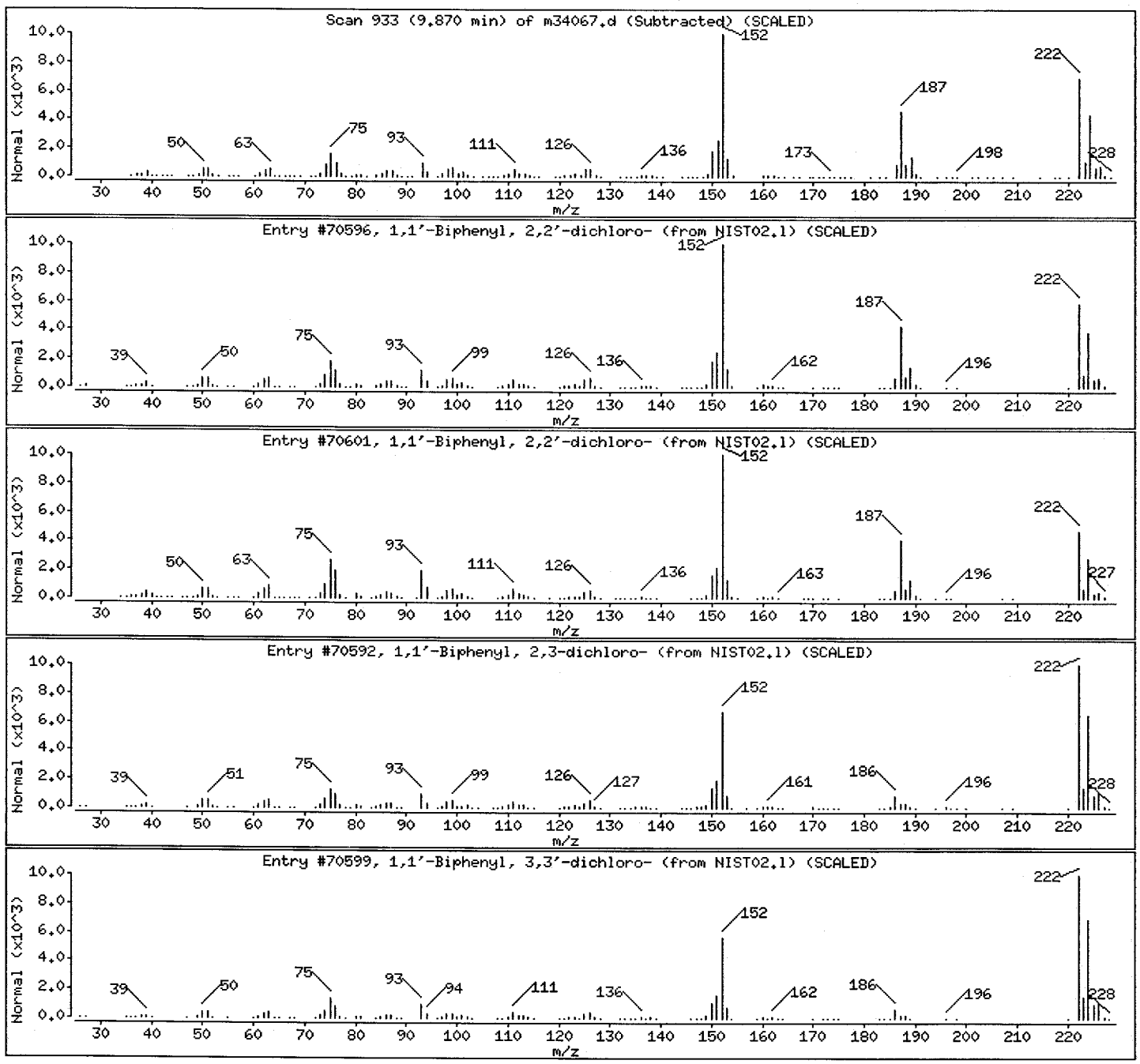
Client ID: 032508-1750 Instrument: BNAMS6.i

Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70596	99	C12H8Cl2	222
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70601	99	C12H8Cl2	222
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.l	70592	97	C12H8Cl2	222
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.l	70599	97	C12H8Cl2	222



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

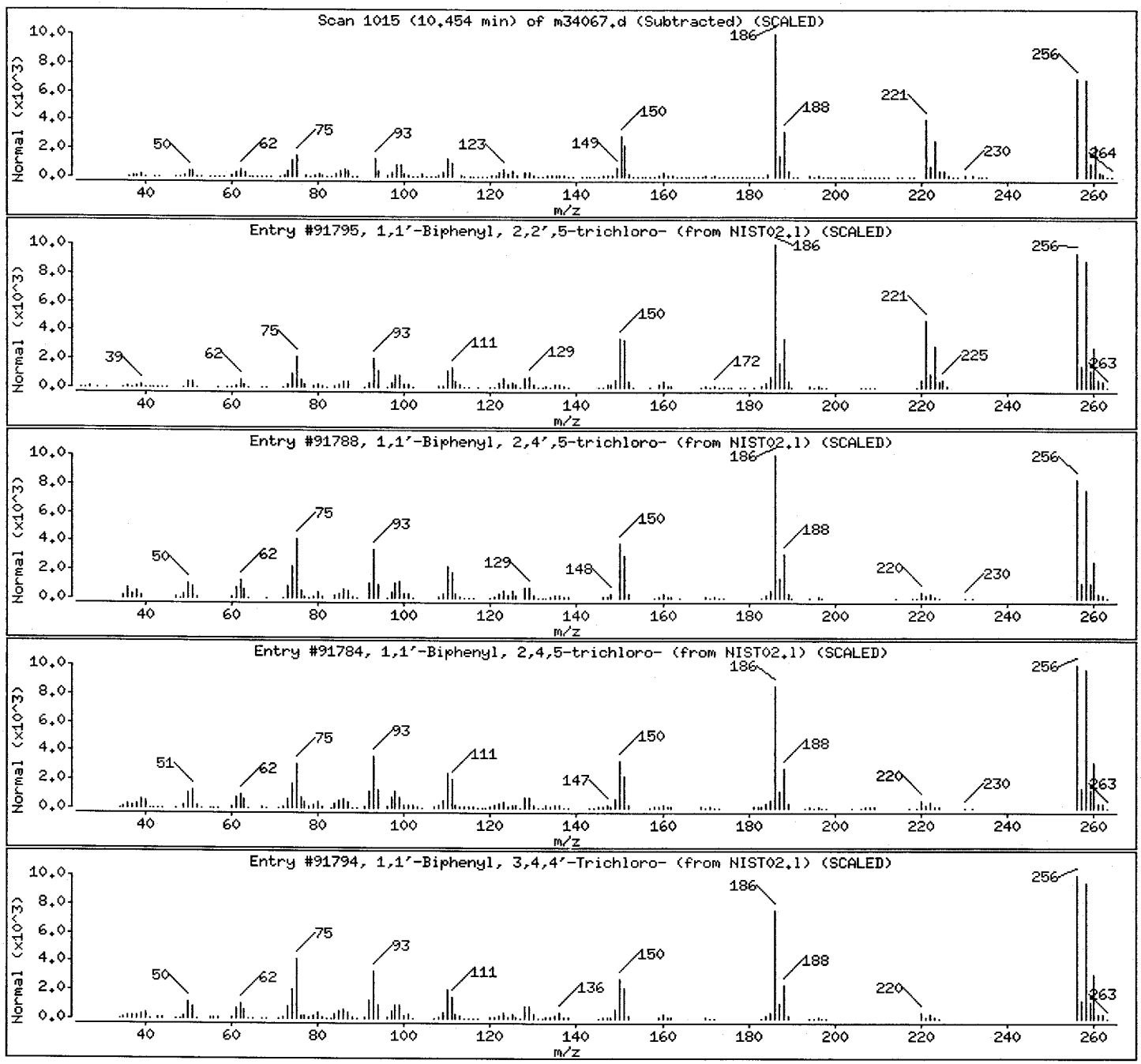
Client ID: 032508-1750 Instrument: BNAMS6.i

Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.l	91795	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	96	C12H7Cl3	256
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	96	C12H7Cl3	256
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.l	91794	96	C12H7Cl3	256



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

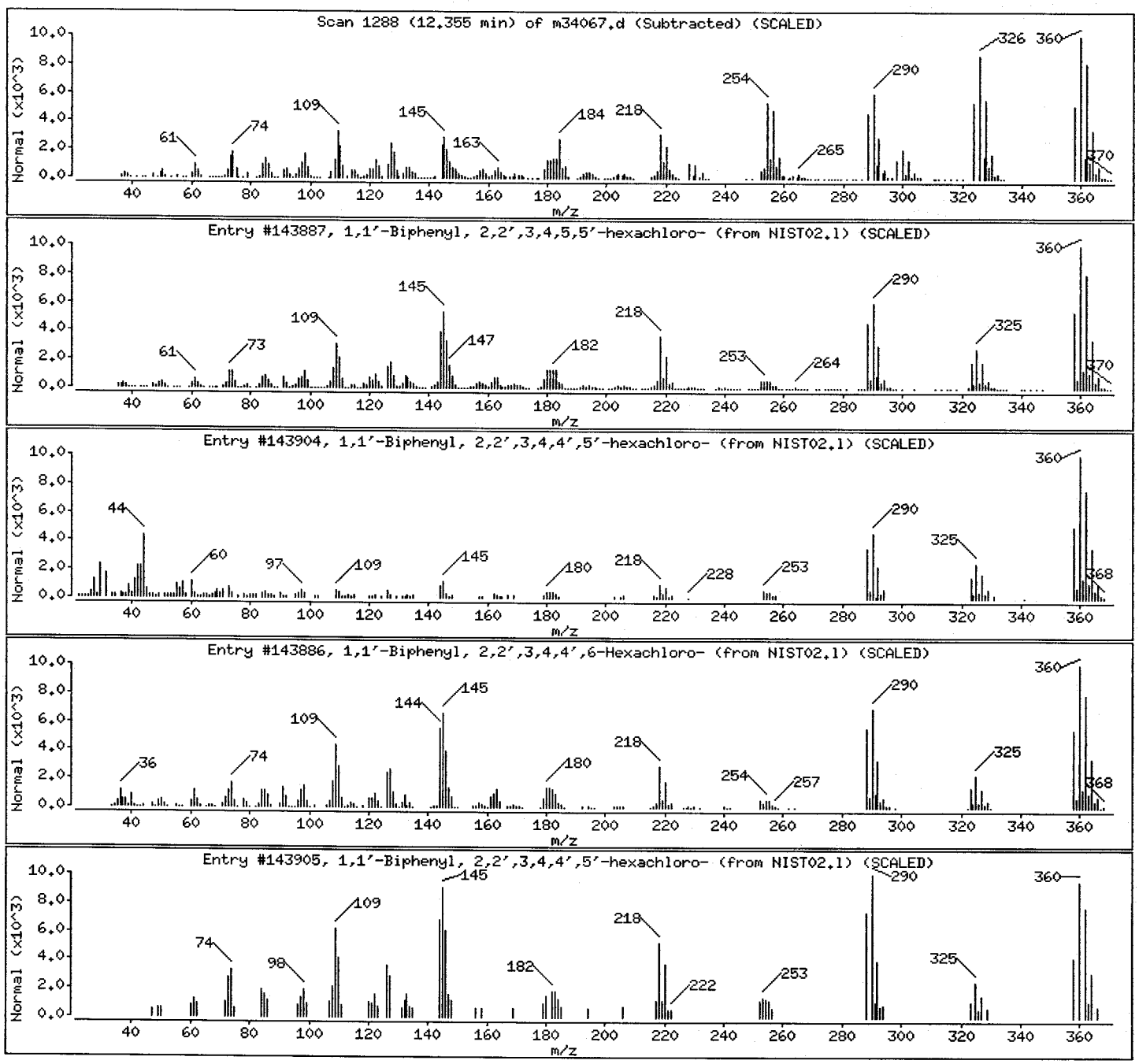
Client ID: 032508-1750 Instrument: BNAMS6.i

Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,5,5'-hexachloro-	52712-04-6	NIST02.l	143887	97	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	97	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',6-Hexachloro-	56030-56-9	NIST02.l	143886	97	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143905	97	C12H4Cl6	358



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3',4,4',5,5'-hexachloro	52663-72-6	NIST02.l	143901	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	98	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143889	98	C12H4Cl6	358
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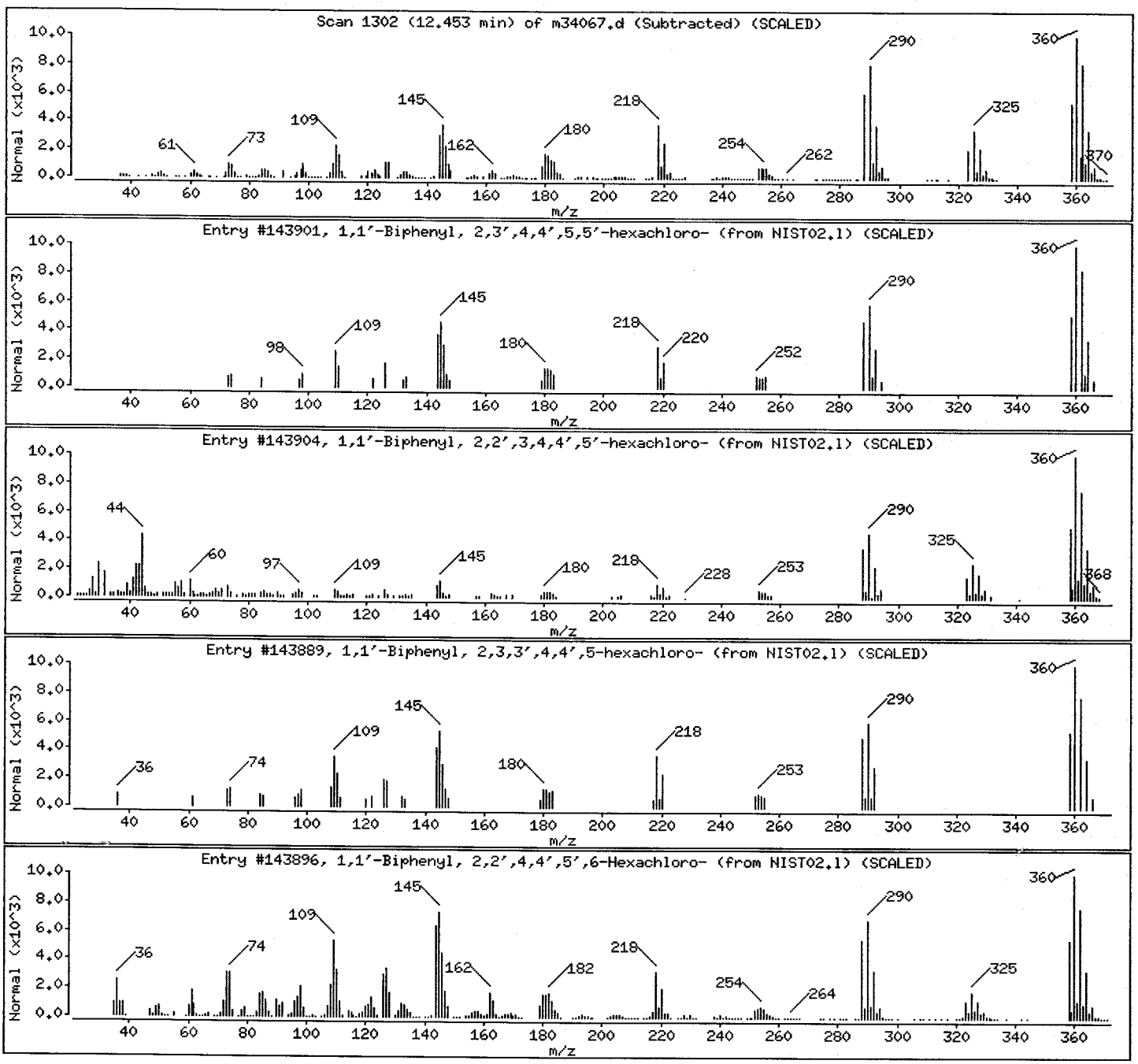


Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

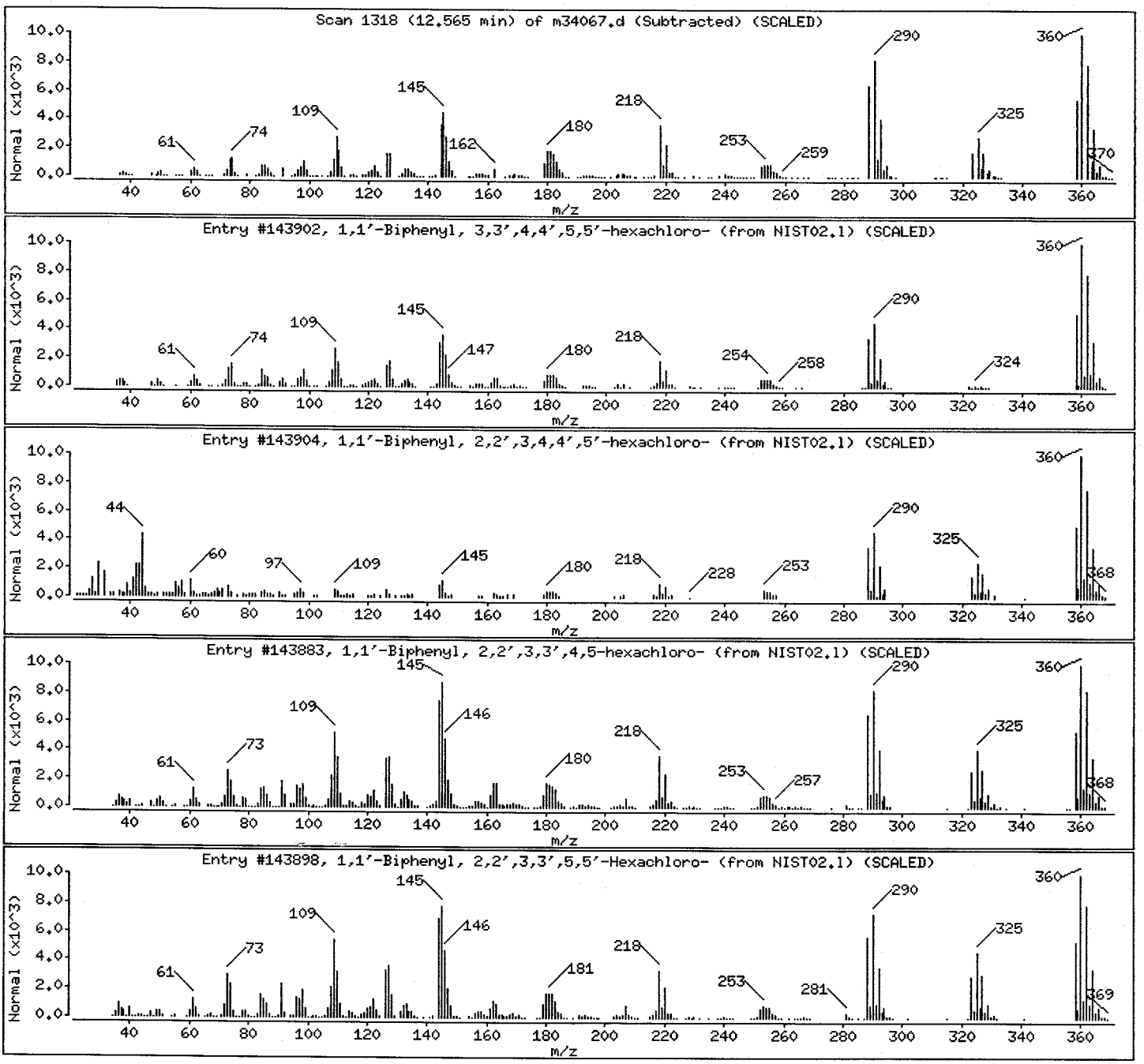
Client ID: 032508-1750 Instrument: BNAMS6.i

Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,5-hexachloro-	55215-18-4	NIST02.l	143883	94	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',5,5'-Hexachloro	35694-04-3	NIST02.l	143898	94	C12H4Cl6	358



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

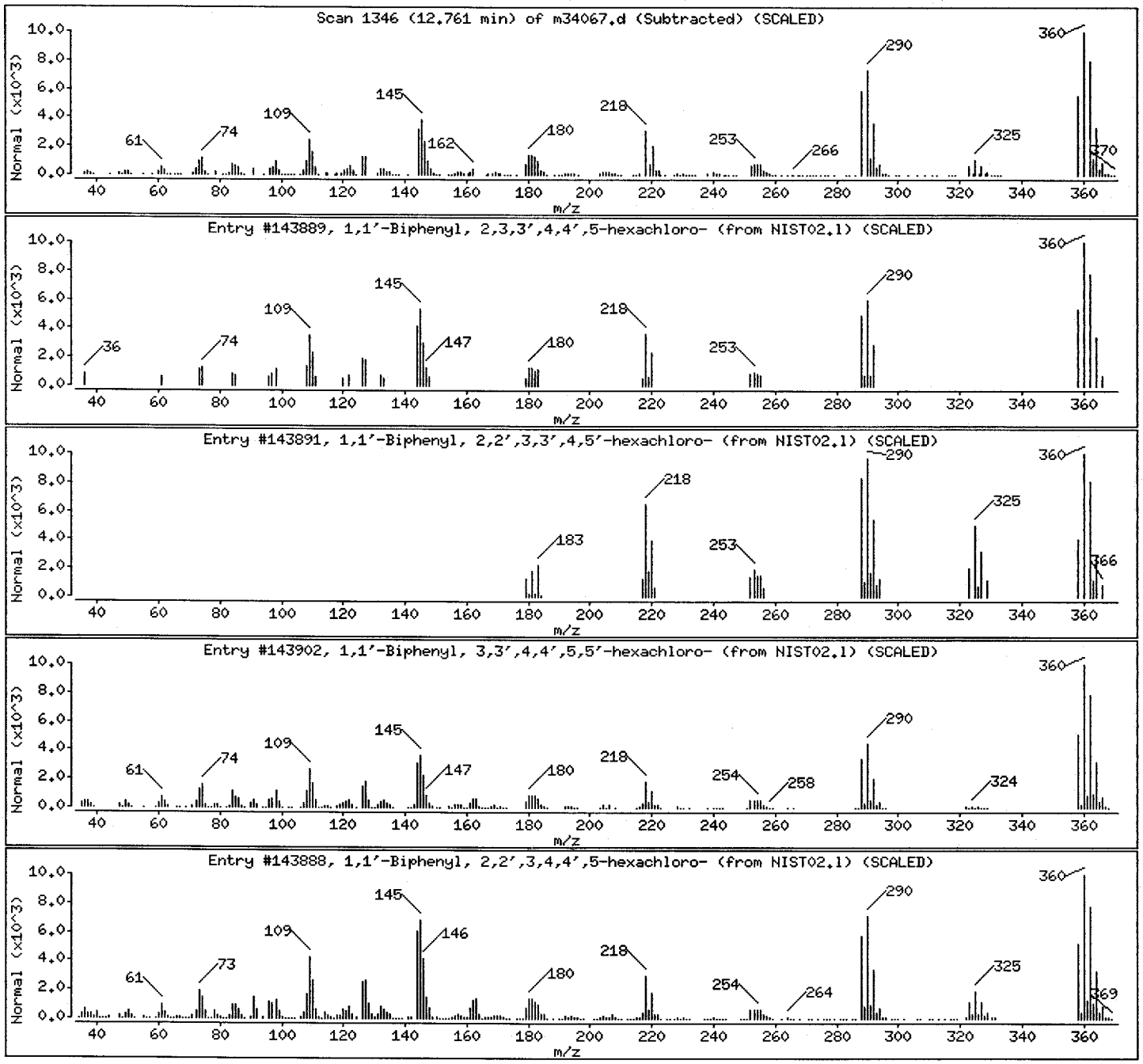
Client ID: 032508-1750 Instrument: BNAMS6.i

Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143889	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,5'-hexachloro	52663-66-8	NIST02.l	143891	95	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	95	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5-hexachloro-	35694-06-5	NIST02.l	143888	94	C12H4Cl6	358



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Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

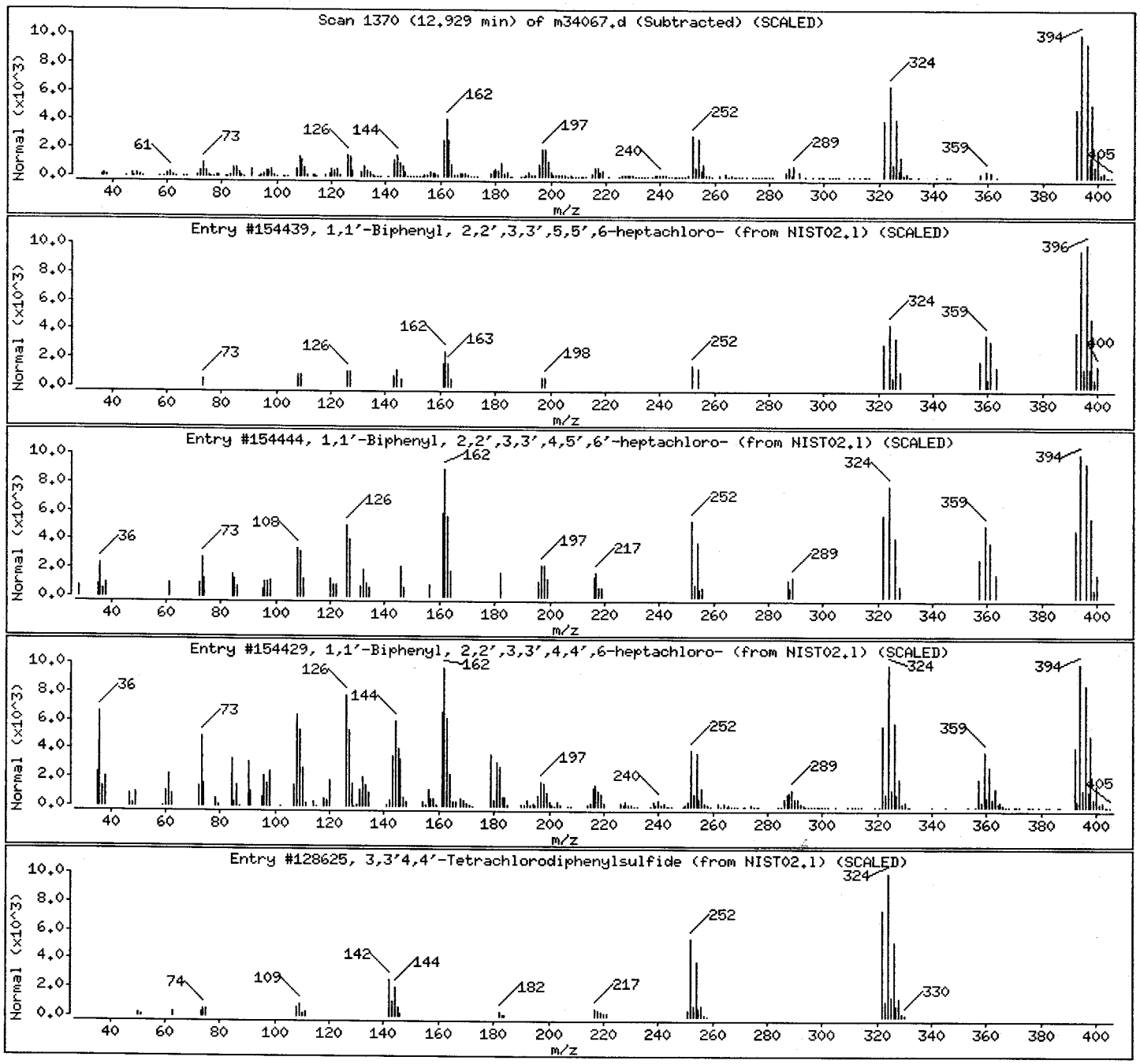
Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	95	C12H3C17	392
1,1'-Biphenyl, 2,2',3,3',4,5',6'-heptach	52663-70-4	NIST02.l	154444	95	C12H3C17	392
1,1'-Biphenyl, 2,2',3,3',4,4',6-heptachl	52663-71-5	NIST02.l	154429	94	C12H3C17	392
3,3'4,4'-Tetrachlorodiphenylsulfide	76745-12-5	NIST02.l	128625	93	C12H6C14S	322



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Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

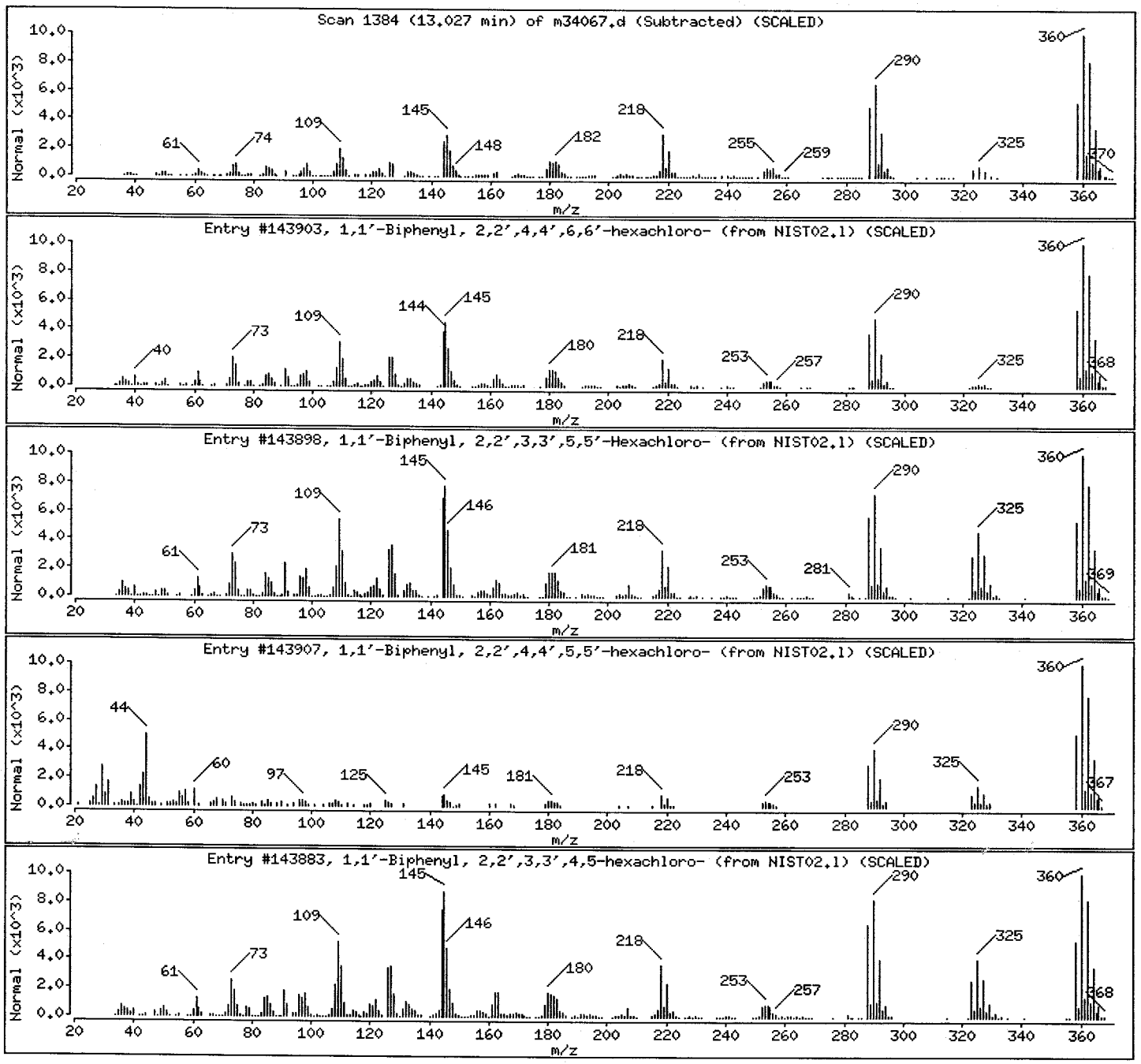
Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	33979-03-2	NIST02.l	143903	97	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',5,5'-Hexachloro	35694-04-3	NIST02.l	143898	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	35065-27-1	NIST02.l	143907	94	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,5-hexachloro-	55215-18-4	NIST02.l	143883	94	C12H4Cl6	358



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

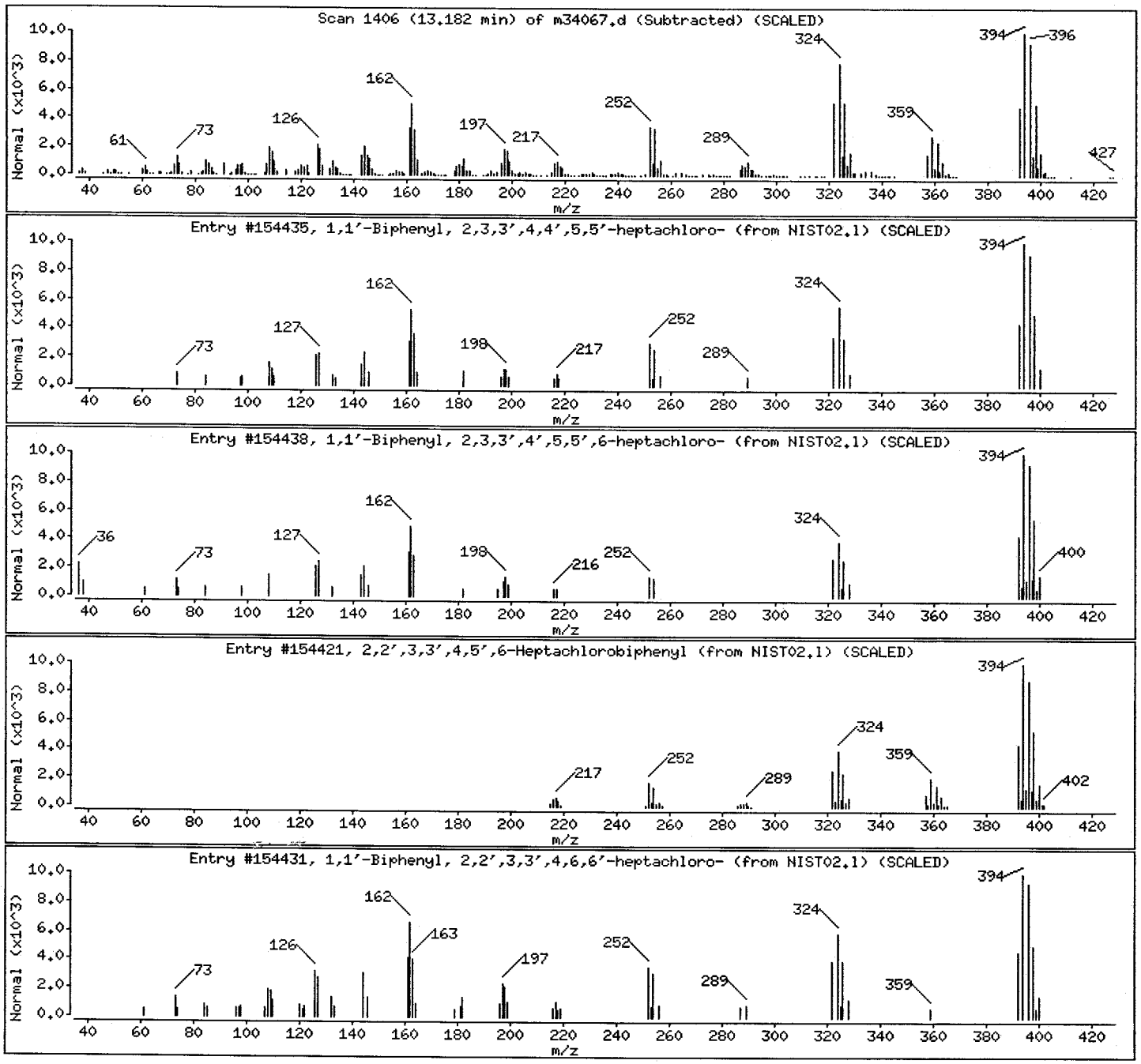
Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	52663-65-7	NIST02.l	154431	96	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

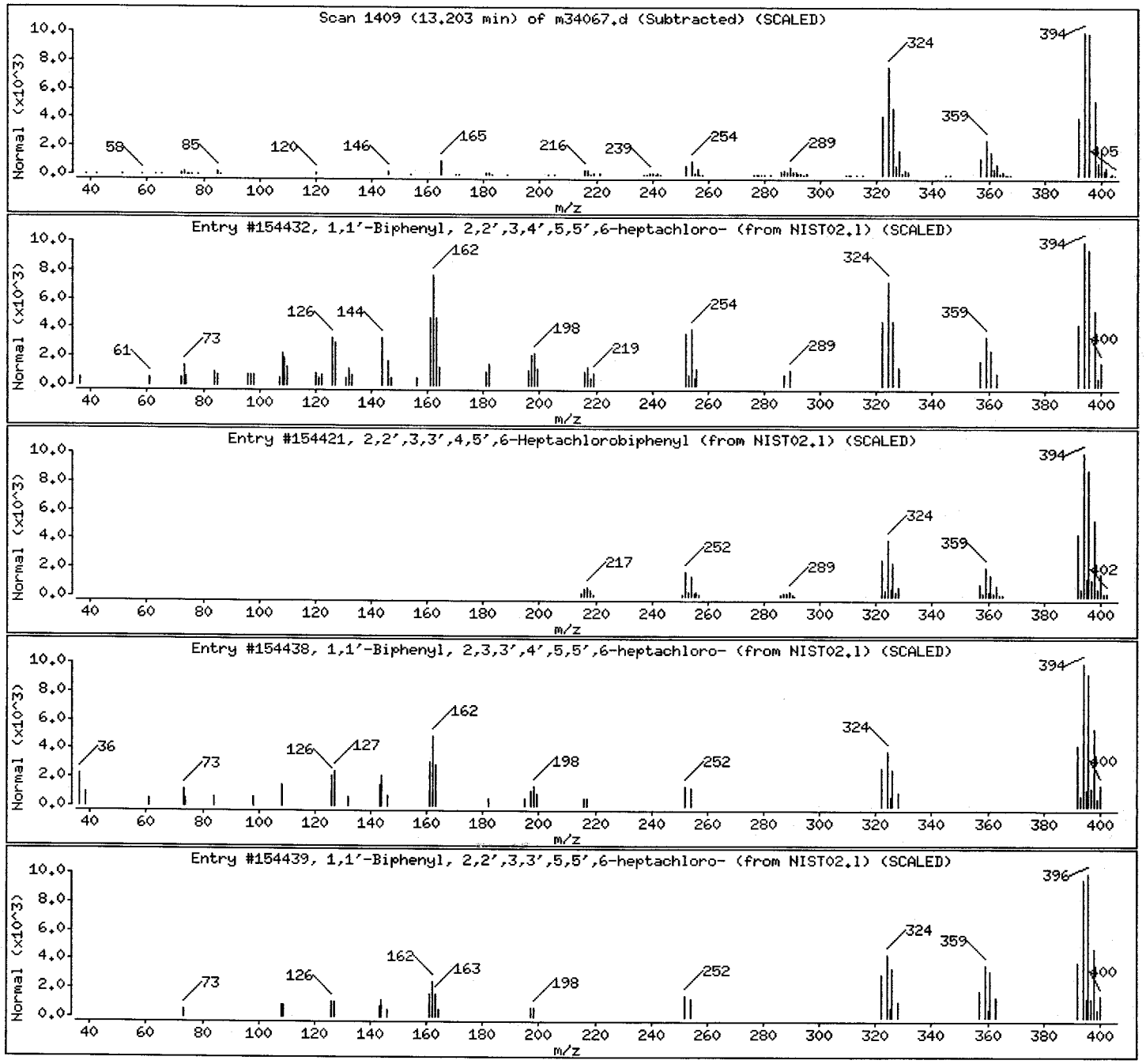
Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4',5,5',6-heptachl	52663-68-0	NIST02.l	154432	95	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	94	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	94	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	94	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

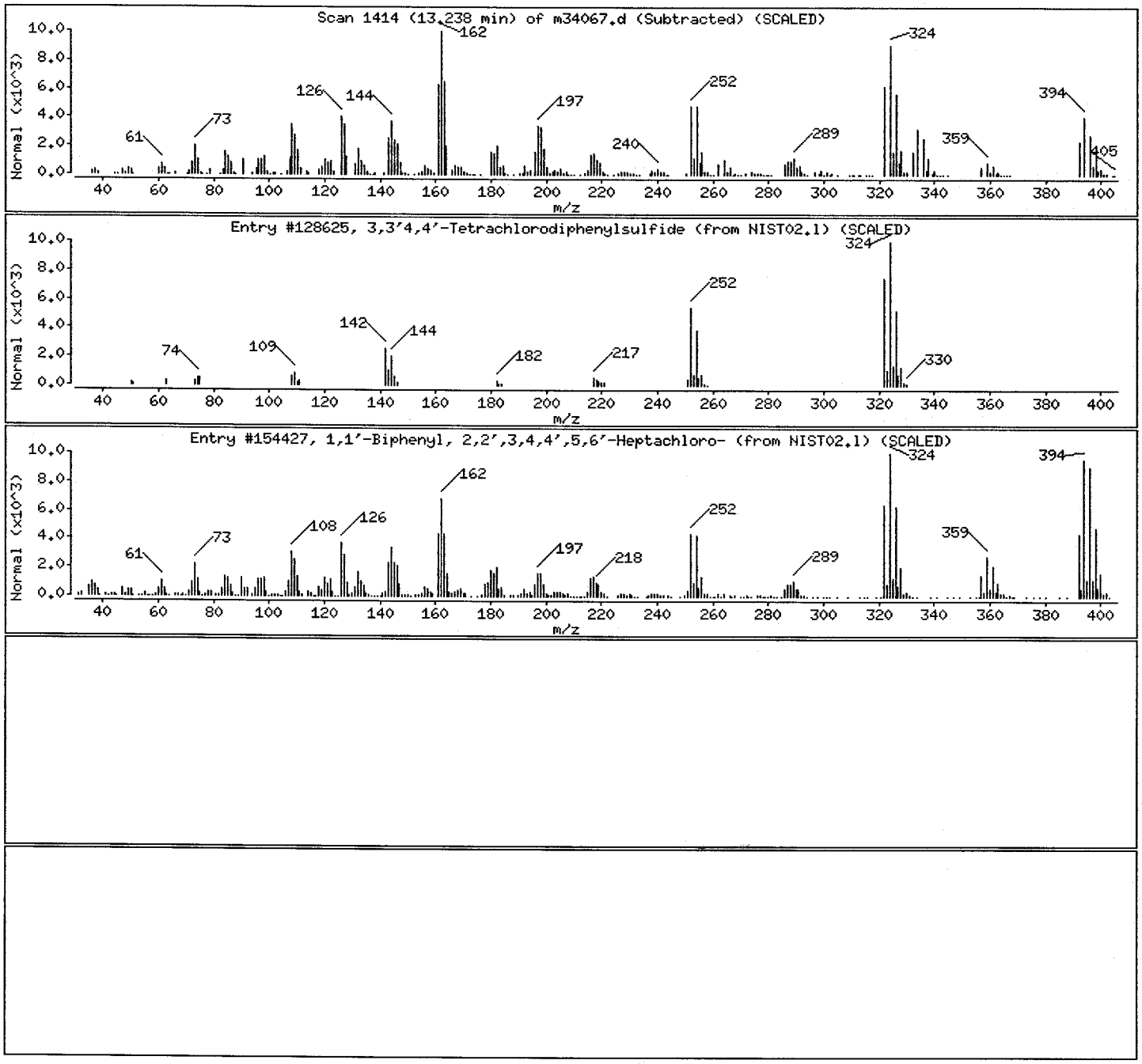
Client ID: 032508-1750 Instrument: BNAMS6.i

Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
3,3'4,4'-Tetrachlorodiphenylsulfide	76745-12-5	NIST02.l	128625	89	C12H6Cl4S	322
1,1'-Biphenyl, 2,2',3,4,4',5,6'-Heptachl	60145-23-5	NIST02.l	154427	30	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

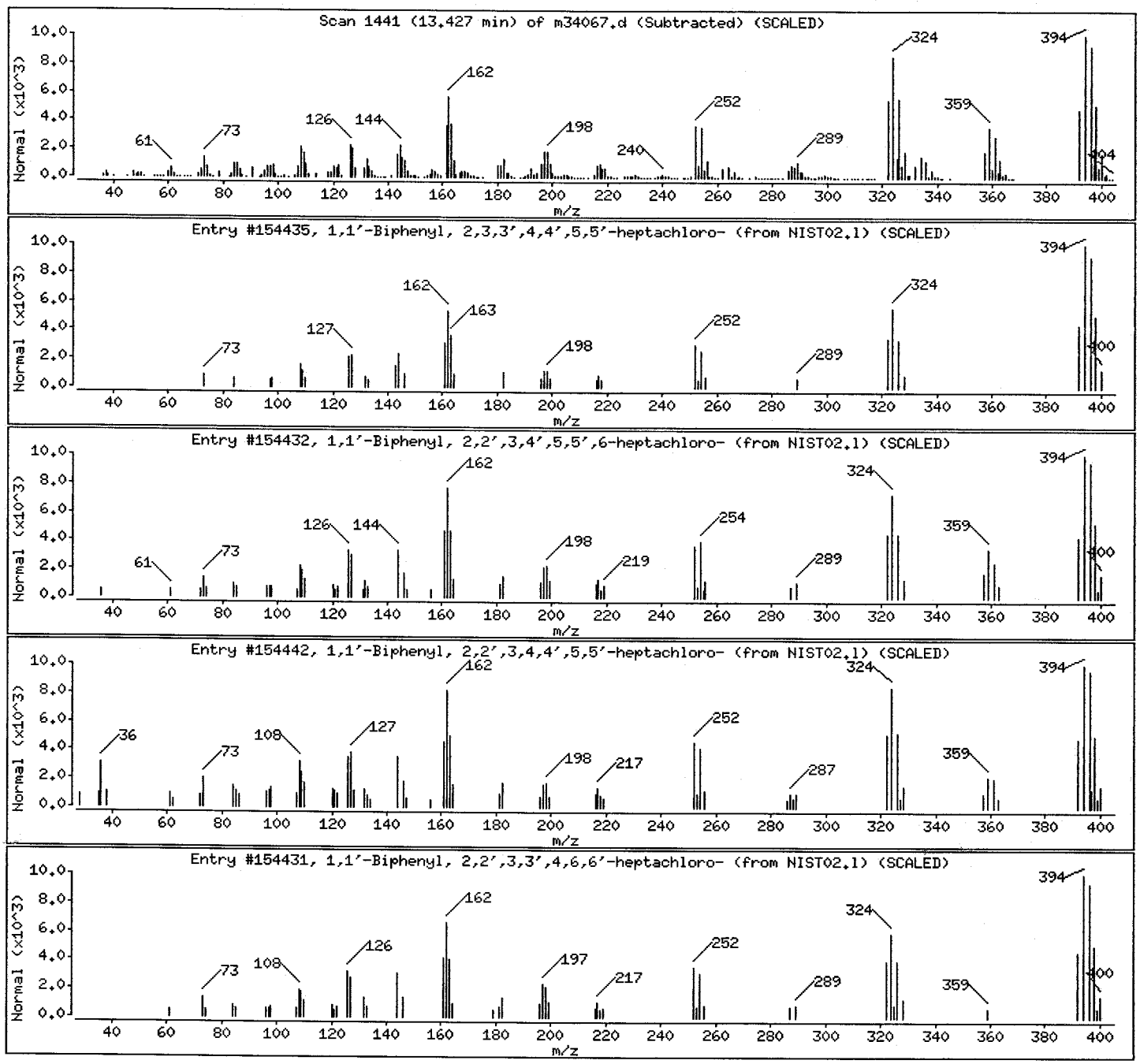
Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4',5,5',6-heptachl	52663-68-0	NIST02.l	154432	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,5'-heptachl	35065-29-3	NIST02.l	154442	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	52663-65-7	NIST02.l	154431	98	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

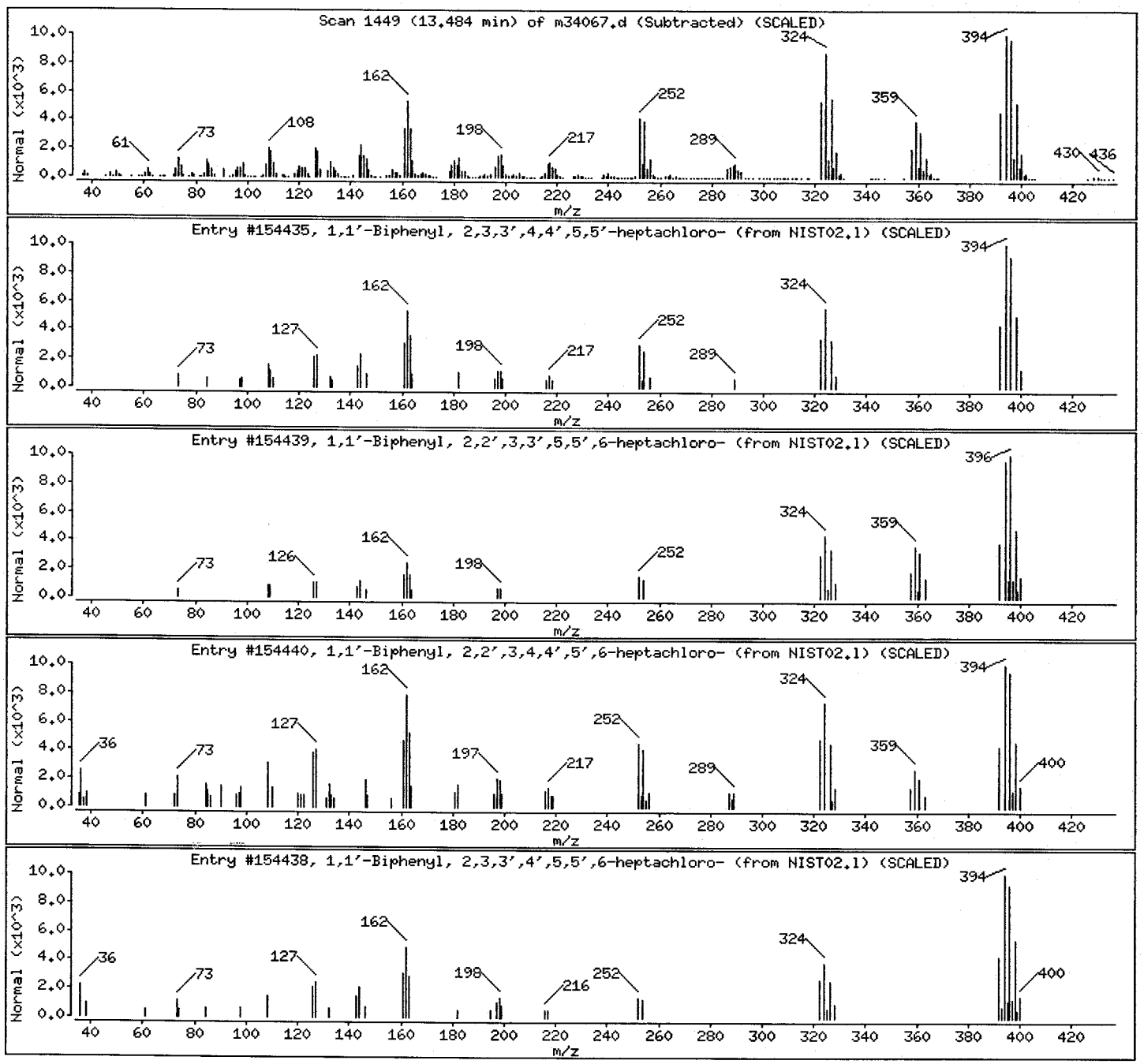
Client ID: 032508-1750 Instrument: BNAMS6.i

Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5',6-heptachl	52663-69-1	NIST02.l	154440	96	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	96	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

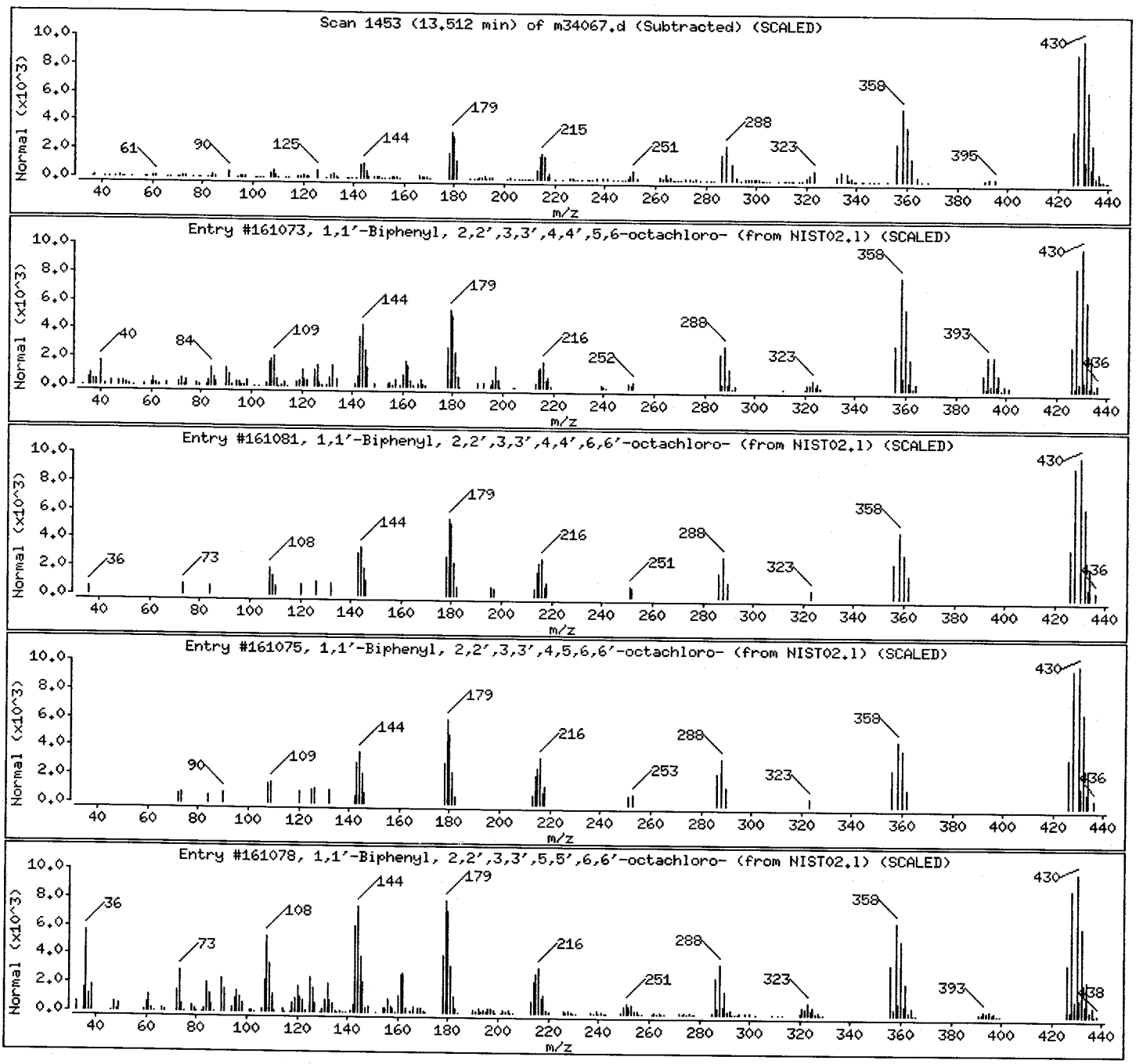
Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	96	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	91	C12H2Cl8	426



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

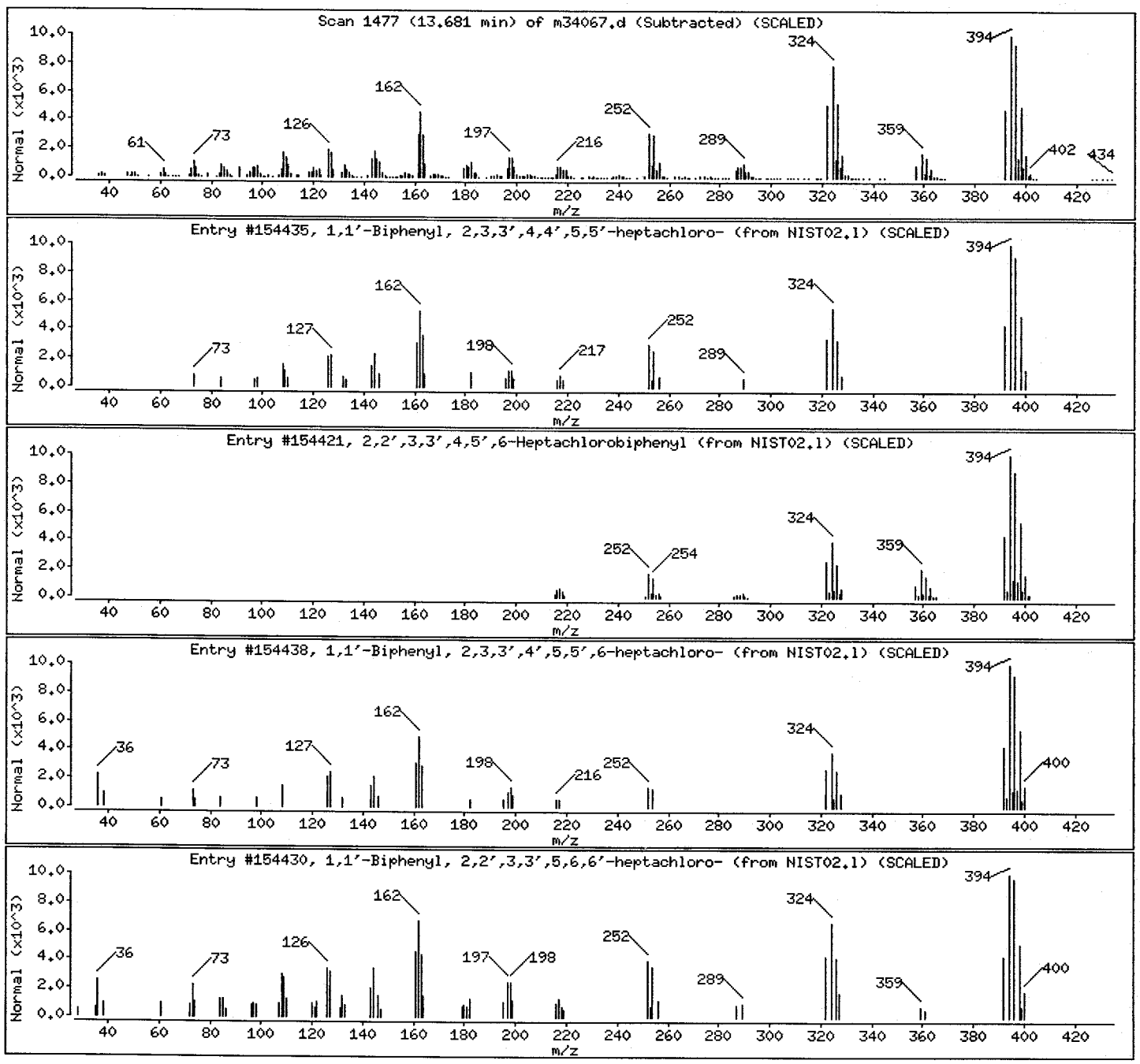
Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,6,6'-heptachl	52663-64-6	NIST02.l	154430	95	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

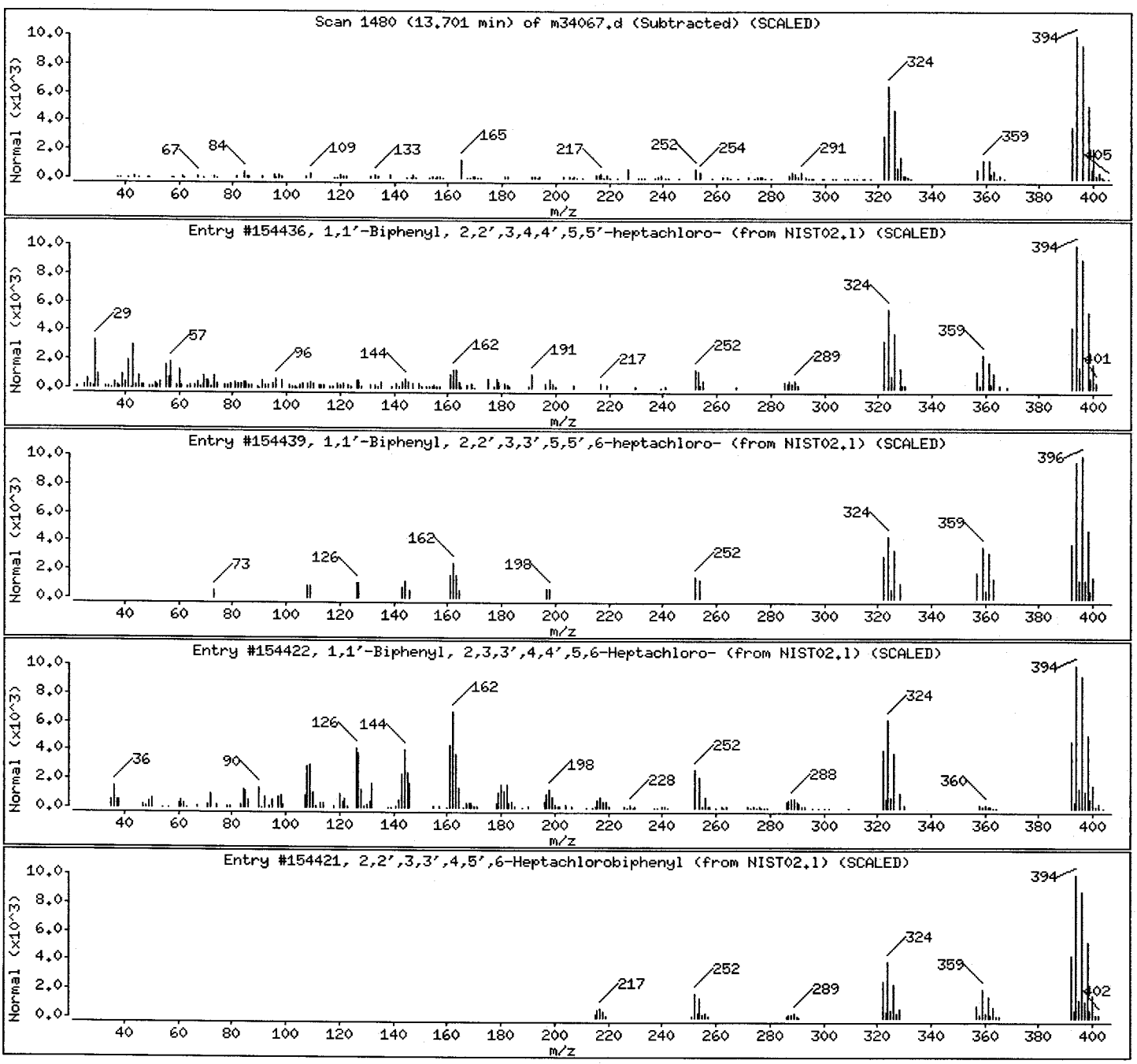
Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5,5'-heptachl	35065-29-3	NIST02.l	154436	91	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	90	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4,4',5,6-Heptachlo	41411-64-7	NIST02.l	154422	80	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	80	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

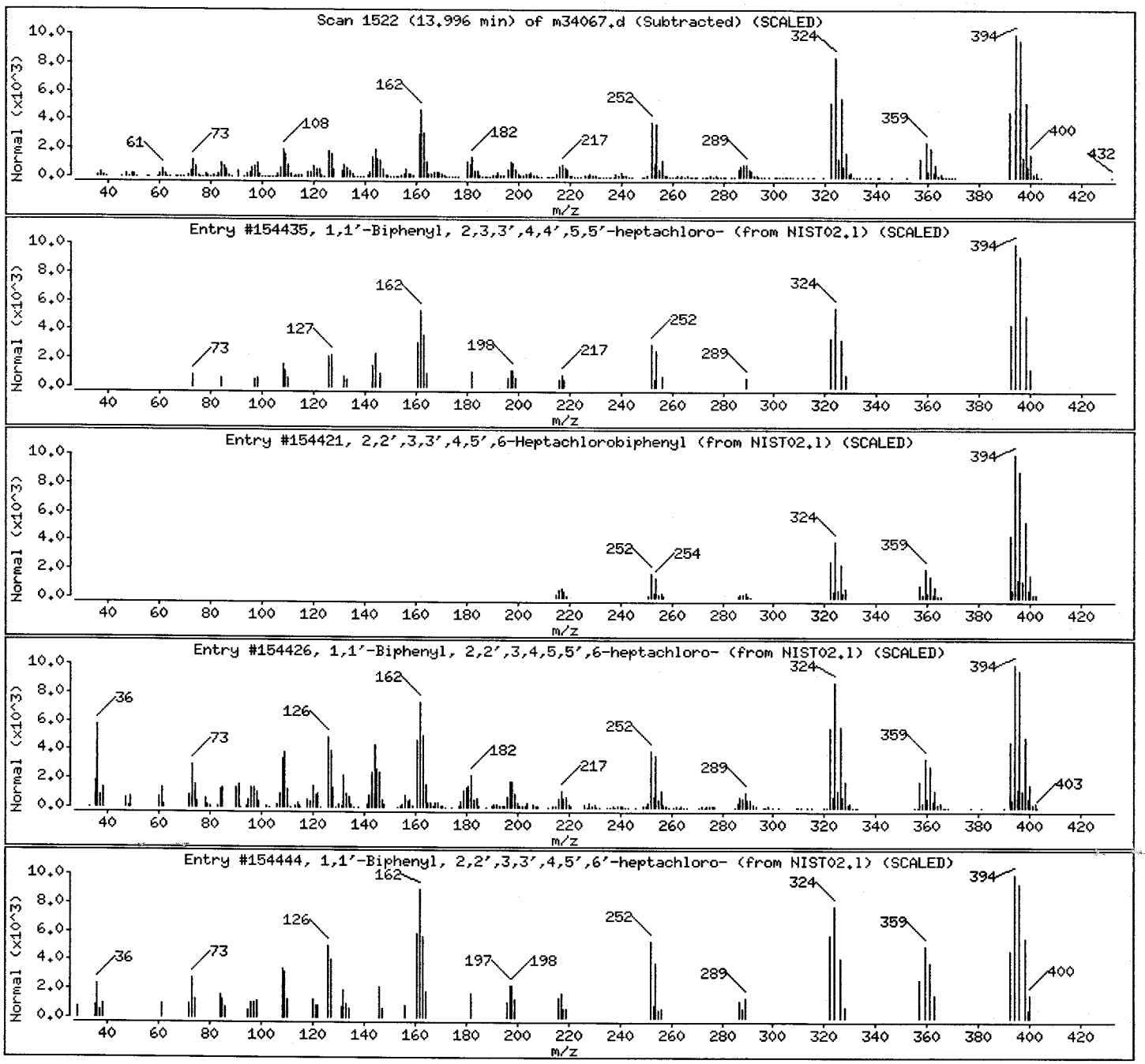
Client ID: 032508-1750 Instrument: BNAMS6.i

Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,5,5',6-heptachlo	52712-05-7	NIST02.l	154426	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,5',6'-heptach	52663-70-4	NIST02.l	154444	94	C12H3Cl7	392



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Date : 07-APR-2008 22:07

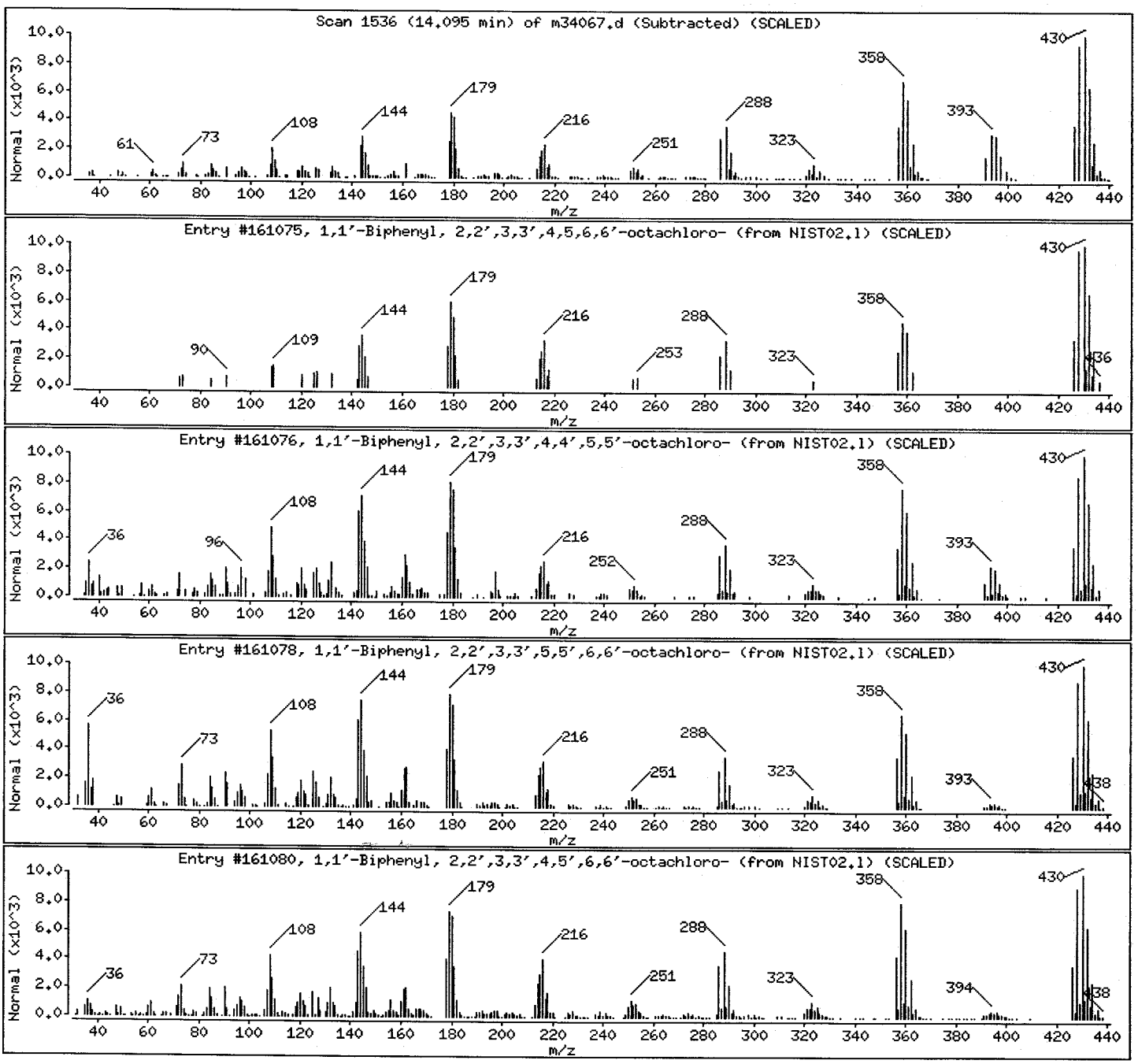
Client ID: 032508-1750 Instrument: BNAMS6.i

Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	98	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161076	96	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	93	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	91	C12H2Cl8	426



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Date : 07-APR-2008 22:07

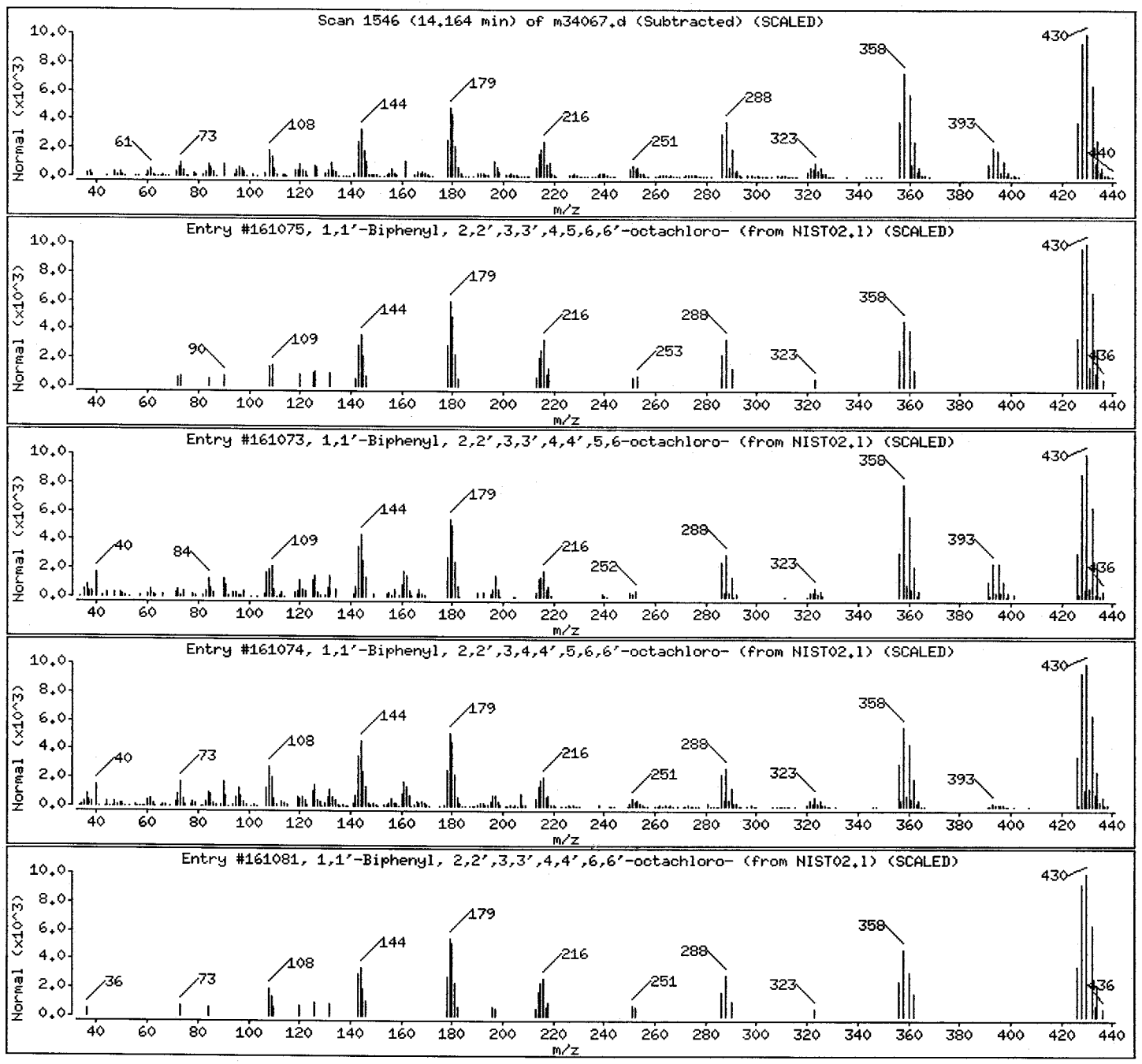
Client ID: 032508-1750 Instrument: BNAMS6.i

Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-octach	74472-52-9	NIST02.l	161074	98	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	98	C12H2C18	426



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Date : 07-APR-2008 22:07

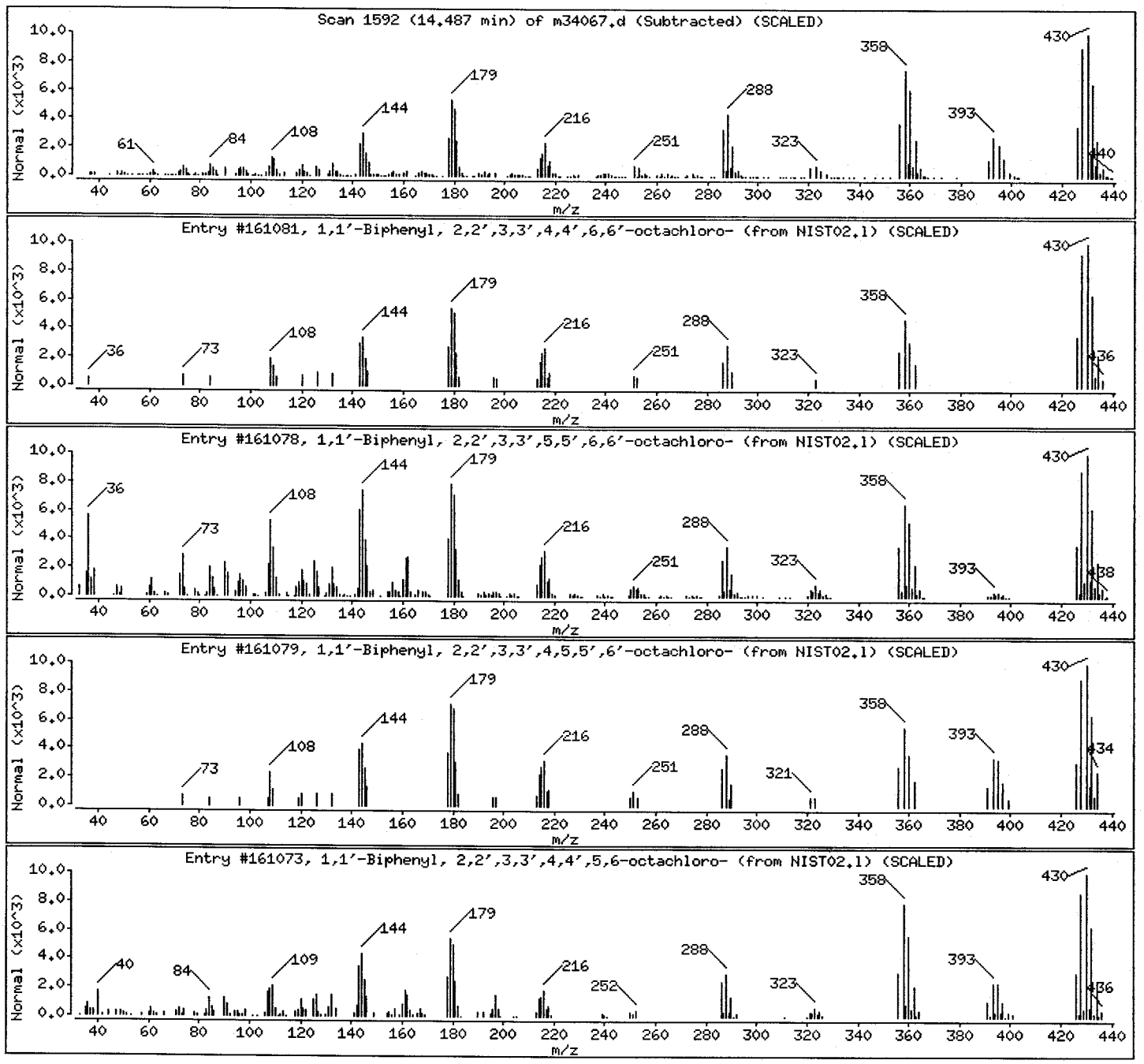
Client ID: 032508-1750 Instrument: BNAMS6.i

Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	97	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	96	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	95	C12H2Cl8	426



Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34067.d

Date : 07-APR-2008 22:07

Client ID: 032508-1750

Instrument: BNAMS6.i

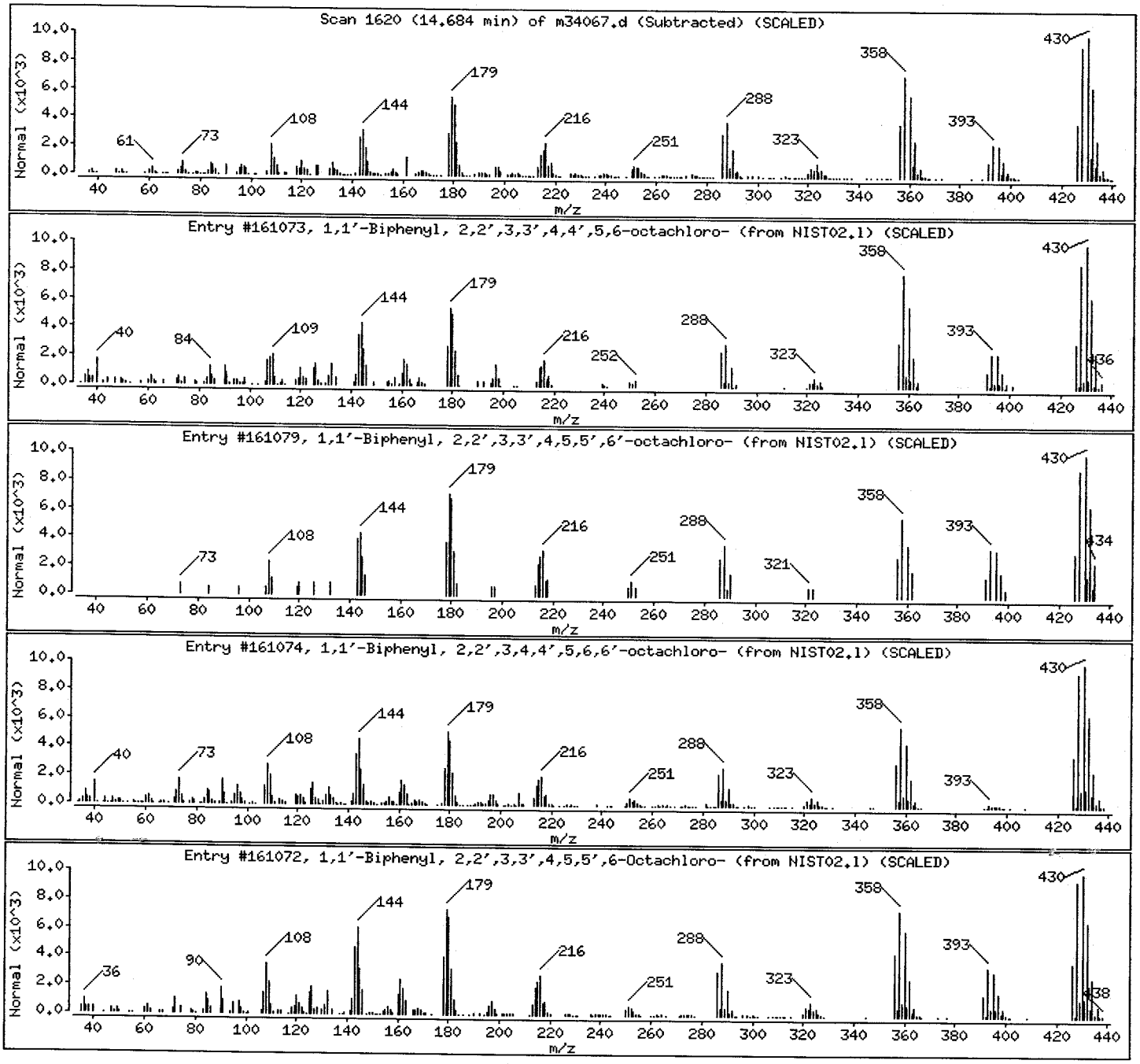
Sample Info: 908695;4225895

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-octach	74472-52-9	NIST02.l	161074	93	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6-Octach	68194-17-2	NIST02.l	161072	91	C12H2C18	426



Client ID: **032508-1805**
Site: BP Hastings

Lab Sample No: **908696**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43998.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 45

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	1200
2-Chlorophenol	ND	1200
2-Methylphenol	ND	1200
4-Methylphenol	33 J	1200
2-Nitrophenol	ND	1200
2,4-Dimethylphenol	ND	1200
2,4-Dichlorophenol	ND	1200
4-Chloro-3-methylphenol	ND	1200
2,4,6-Trichlorophenol	ND	1200
2,4,5-Trichlorophenol	ND	1200
2,4-Dinitrophenol	ND	3600
4-Nitrophenol	ND	3600
4,6-Dinitro-2-methylphenol	ND	3600
Pentachlorophenol	ND	3600

Client ID: **032508-1805**
Site: BP Hastings

Lab Sample No: **908696**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43998.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 45

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	120
1,3-Dichlorobenzene	ND	1200
1,4-Dichlorobenzene	ND	1200
1,2-Dichlorobenzene	ND	1200
bis(2-chloroisopropyl)ether	ND	1200
N-Nitroso-di-n-propylamine	ND	120
Hexachloroethane	ND	120
Nitrobenzene	ND	120
Isophorone	ND	1200
bis(2-Chloroethoxy)methane	ND	1200
1,2,4-Trichlorobenzene	ND	120
Naphthalene	170 J	1200
4-Chloroaniline	ND	1200
Hexachlorobutadiene	ND	240
2-Methylnaphthalene	ND	1200
Hexachlorocyclopentadiene	ND	1200
2-Chloronaphthalene	65 J	1200
2-Nitroaniline	ND	2400
Dimethylphthalate	ND	1200
Acenaphthylene	ND	1200
2,6-Dinitrotoluene	ND	240
3-Nitroaniline	ND	2400
Acenaphthene	250 J	1200
Dibenzofuran	45 J	1200
2,4-Dinitrotoluene	ND	240
Diethylphthalate	ND	1200
4-Chlorophenyl-phenylether	ND	1200
Fluorene	160 J	1200
4-Nitroaniline	ND	2400
N-Nitrosodiphenylamine	ND	1200
4-Bromophenyl-phenylether	ND	1200
Hexachlorobenzene	ND	120
Phenanthrene	1900	1200
Anthracene	520 J	1200

Client ID: **032508-1805**
Site: BP Hastings

Lab Sample No: **908696**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43998.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 45

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	50 J	1200
Di-n-butylphthalate	ND	1200
Fluoranthene	1800	1200
Pyrene	1800	1200
Butylbenzylphthalate	ND	1200
3,3'-Dichlorobenzidine	ND	2400
Benzo(a)anthracene	870	120
Chrysene	970 J	1200
bis(2-Ethylhexyl)phthalate	ND	1200
Di-n-octylphthalate	ND	1200
Benzo(b)fluoranthene	810	120
Benzo(k)fluoranthene	700	120
Benzo(a)pyrene	690	120
Indeno(1,2,3-cd)pyrene	320	120
Dibenz(a,h)anthracene	150	120
Benzo(g,h,i)perylene	340 J	1200

Client ID: **032508-1805**
Site: BP Hastings

Lab Sample No: **908696**
Lab Job No: S478

Date Sampled: 03/25/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43998.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44.6

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Dichloro-1,1-biphenyl isomer	9.73	11000	
2. Trichloro-1,1-biphenyl isomer	10.31	9100	
3. Tetrachloro-1,1-biphenyl isomer	10.98	4100	
4. Tetrachloro-1,1-biphenyl isomer	11.17	6700	
5. Unknown	11.27	5400	
6. Unknown	11.38	5800	
7. Hexadecanoic acid, butyl ester	11.78	3800	
8. Hexachloro-1,1'-biphenyl isomer	12.17	3900	
9. Phenanthrene, 1-methyl-7-(1-methylethy	12.30	4100	
10. Hexachloro-1,1'-biphenyl isomer	12.38	5800	
11. Hexachloro-1,1'-biphenyl isomer	12.51	4700	
12. Hexachloro-1,1'-biphenyl isomer	12.57	6800	
13. Heptachloro-1,1'-biphenyl isomer	12.73	4200	
14. Heptachloro-1,1'-biphenyl isomer	12.98	13000	
15. Heptachloro-1,1'-biphenyl isomer	13.02	3300	
16. Heptachloro-1,1'-biphenyl isomer	13.21	4600	
17. Octachloro-1,1'-biphenyl isomer	13.29	5100	
18. Octachloro-1,1'-biphenyl isomer	13.84	13000	
19. Octachloro-1,1'-biphenyl isomer	13.90	13000	
20. Octachloro-1,1'-biphenyl isomer	14.41	9700	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
TOTAL ESTIMATED CONCENTRATION		137100	

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43998.d
Report Date: 09-Apr-2008 21:56

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43998.d
Lab Smp Id: 908696 Client Smp ID: 032508-1805
Inj Date : 09-APR-2008 16:02
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 908696;4225896
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS4.i/8270/04-09-08/09apr08.b/8270C_08.m
Meth Date : 09-Apr-2008 21:55 rusin Quant Type: ISTD
Cal Date : 09-APR-2008 13:26 Cal File: u43994.d
Als bottle: 10
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	44.60000	% Moisture

Cpnd Variable Local Compound Variable

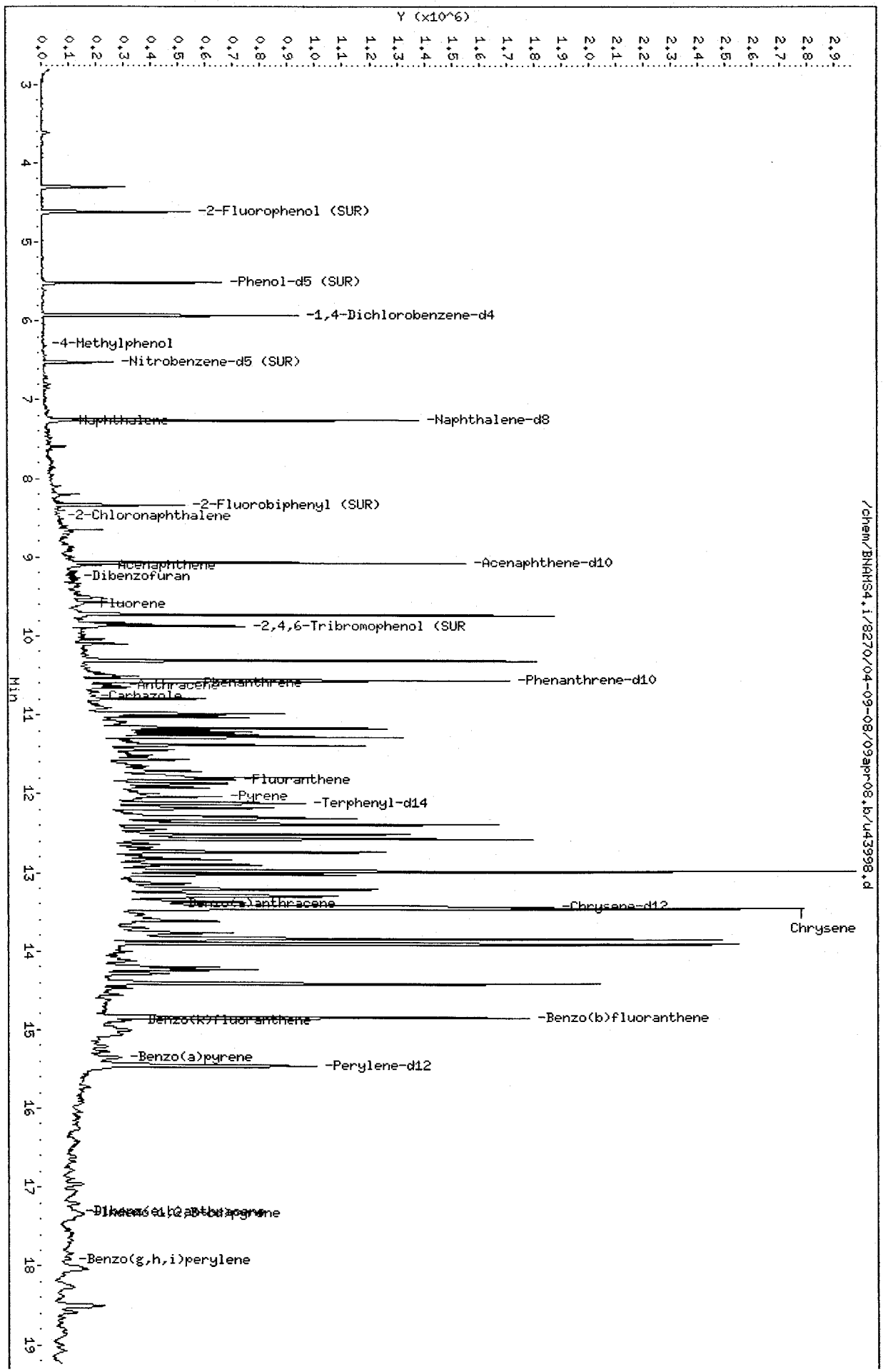
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.616	4.611	(0.779)	194527	23.7023	5700
$ 17 Phenol-d5 (SUR)	99	5.513	5.508	(0.930)	300830	24.3359	5800
* 79 1,4-Dichlorobenzene-d4	152	5.928	5.923	(1.000)	138790	40.0000	
4 4-Methylphenol	108	6.293	6.288	(1.062)	1228	0.13600	33(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.523	6.517	(0.899)	91484	11.4364	2800
* 80 Naphthalene-d8	136	7.257	7.259	(1.000)	558079	40.0000	
31 Naphthalene	128	7.278	7.274	(1.003)	10312	0.72431	170(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.341	8.341	(0.919)	119841	11.9155	2900
36 2-Chloronaphthalene	162	8.475	8.475	(0.934)	2403	0.26854	65(a)
* 82 Acenaphthene-d10	164	9.073	9.066	(1.000)	340296	40.0000	
42 Acenaphthene	154	9.103	9.104	(1.003)	9734	1.03042	250(a)
43 Dibenzofuran	168	9.251	9.252	(1.020)	2628	0.18806	45(a)
47 Fluorene	166	9.604	9.602	(1.058)	7437	0.66562	160(a)

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43998.d
Report Date: 09-Apr-2008 21:56

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$	18 2,4,6-Tribromophenol (SUR)	330	9.872	9.868	(1.088)	76612	31.3916	7600
*	83 Phenanthrene-d10	188	10.565	10.559	(1.000)	553587	40.0000	
	52 Phenanthrene	178	10.587	10.582	(1.002)	116351	7.94270	1900
	53 Anthracene	178	10.625	10.626	(1.006)	32125	2.16989	520(a)
	54 Carbazole	167	10.765	10.767	(1.019)	2754	0.20721	50(a)
	56 Fluoranthene	202	11.804	11.784	(1.117)	131504	7.56756	1800
	57 Pyrene	202	12.035	12.028	(0.896)	137877	7.60803	1800
$	78 Terphenyl-d14	244	12.120	12.111	(0.903)	182999	13.1451	3200
	61 Benzo(a)anthracene	228	13.397	13.381	(0.998)	60900	3.60783	870
*	81 Chrysene-d12	240	13.425	13.417	(1.000)	646940	40.0000	
	62 Chrysene	228	13.453	13.439	(1.002)	60380	4.02047	970(a)
	65 Benzo(b)fluoranthene	252	14.848	14.847	(0.960)	70163	3.36197	810
	66 Benzo(k)fluoranthene	252	14.883	14.877	(0.963)	50646	2.90820	700
	67 Benzo(a)pyrene	252	15.355	15.337	(0.993)	47866	2.85185	690
*	84 Perylene-d12	264	15.461	15.449	(1.000)	528797	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.334	17.337	(1.121)	23872	1.35163	320
	69 Dibenz(a,h)anthracene	278	17.311	17.314	(1.120)	9452	0.60884	150
	70 Benzo(g,h,i)perylene	276	17.916	17.910	(1.159)	21822	1.39898	340(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).


Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43998.d
Date : 09-APR-2008 16:02
Client ID: 032508-1805
Sample Info: 908696;4225896
Column phase: DB-5
Instrument: BNAMS4.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43998.d
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-4-Methylphenol
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)
-2-Chloronaphthalene
-Acenaphthene-d10
-Dibenzofuran
-2,4,6-Tribromophenol (SUR
-Phenanthrene-d10
-Carbazole
-Fluoranthene
-Pyrene
-Terphenyl-d14
-Chrysene-d12
Chrysene
-Benzo(b)fluoranthene
-Benzo(a)pyrene
-Perylene-d12
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43998.d

Date : 09-APR-2008 16:02

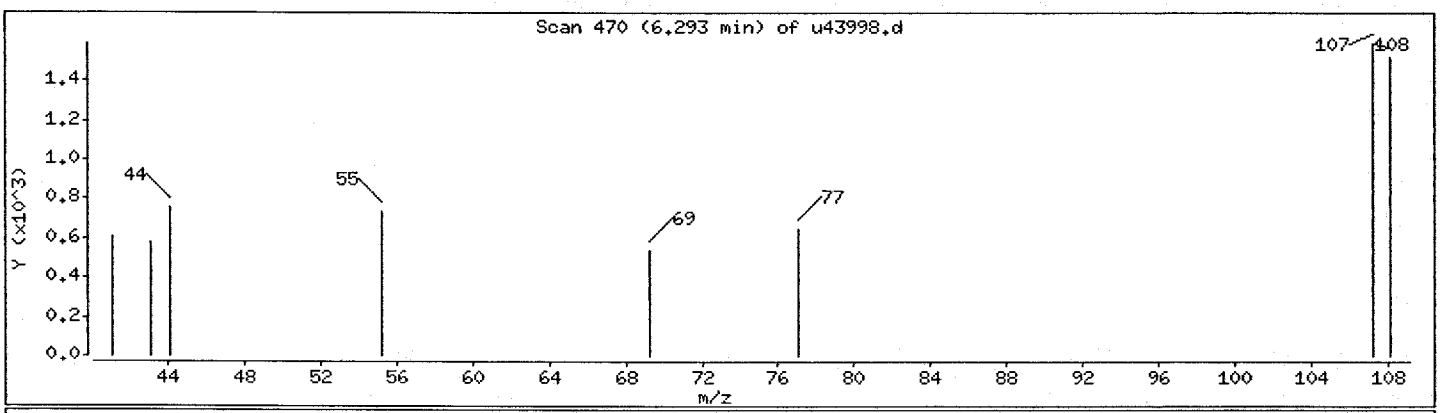
Client ID: 032508-1805 Instrument: BNAMS4.i

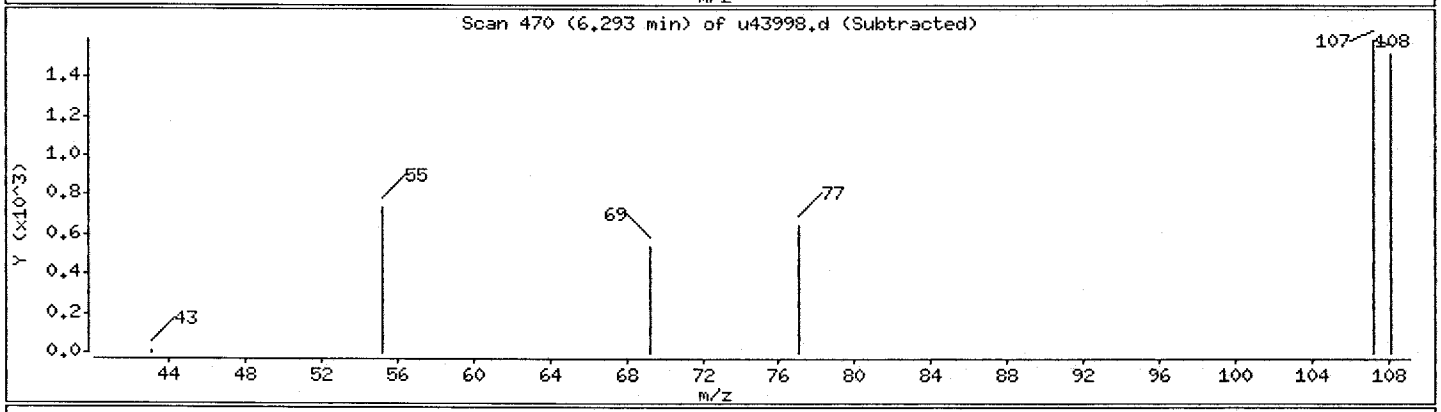
Sample Info: 908696;4225896

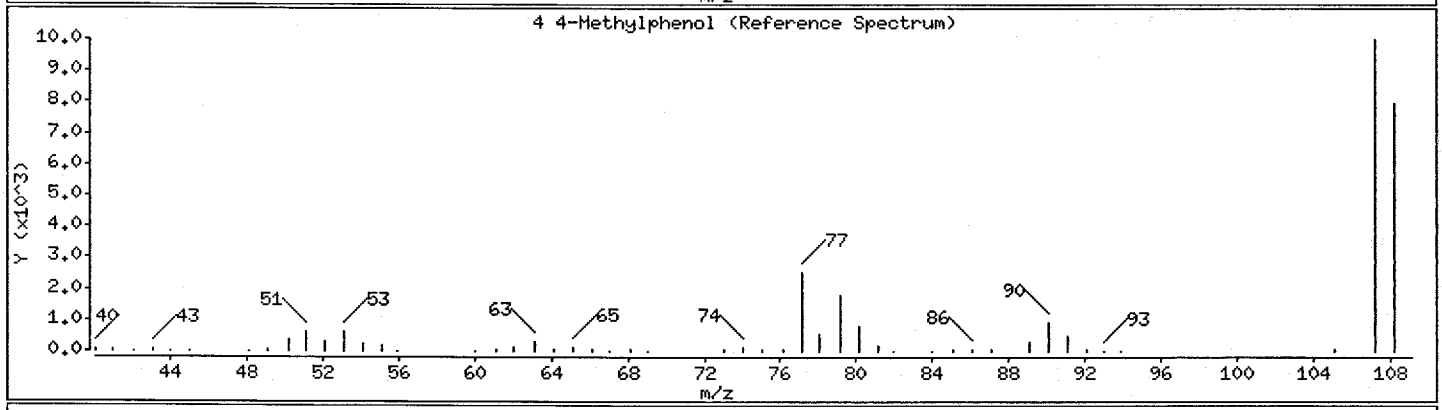
Operator: BNAMS 4

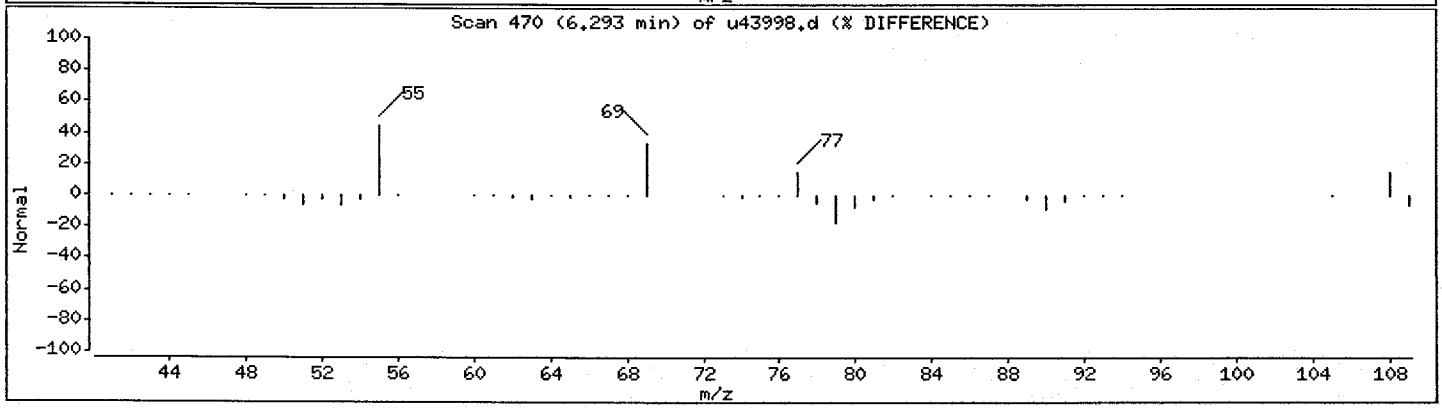
Column phase: DB-5 Column diameter: 0.25

4 4-Methylphenol Concentration: 33 ug/Kg









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Date : 09-APR-2008 16:02

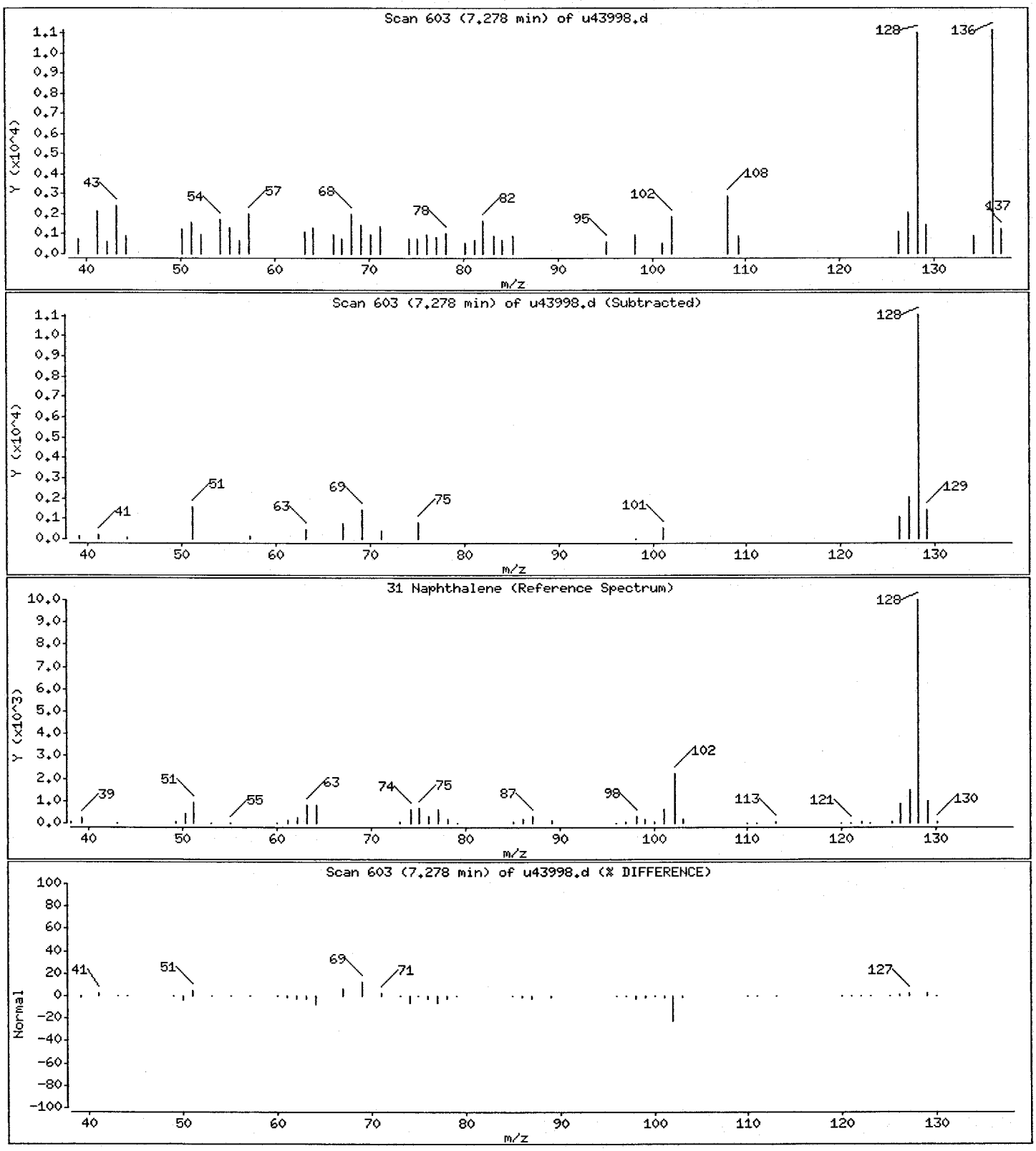
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 170 ug/Kg



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Date : 09-APR-2008 16:02

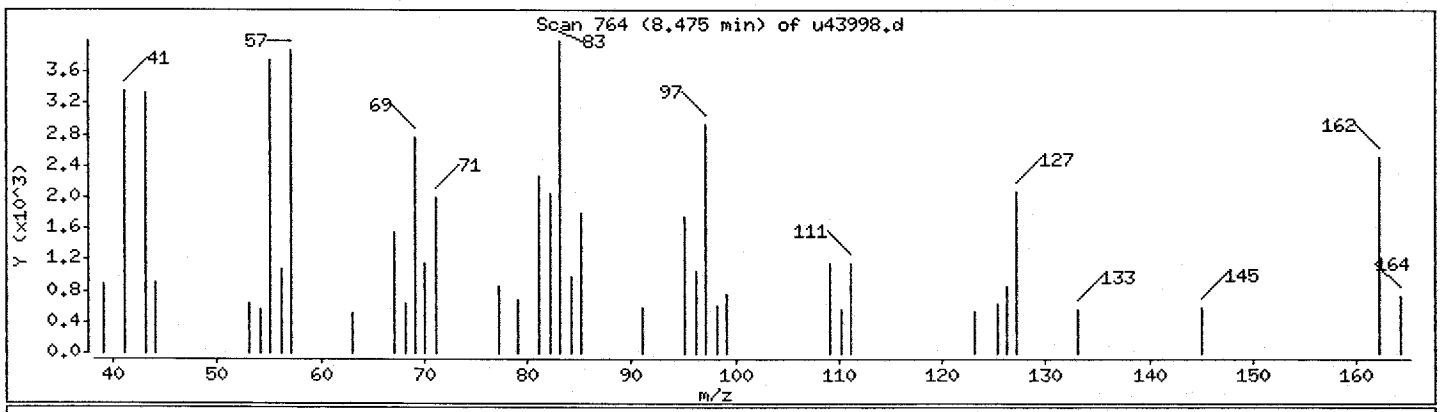
Client ID: 032508-1805 Instrument: BNAMS4.i

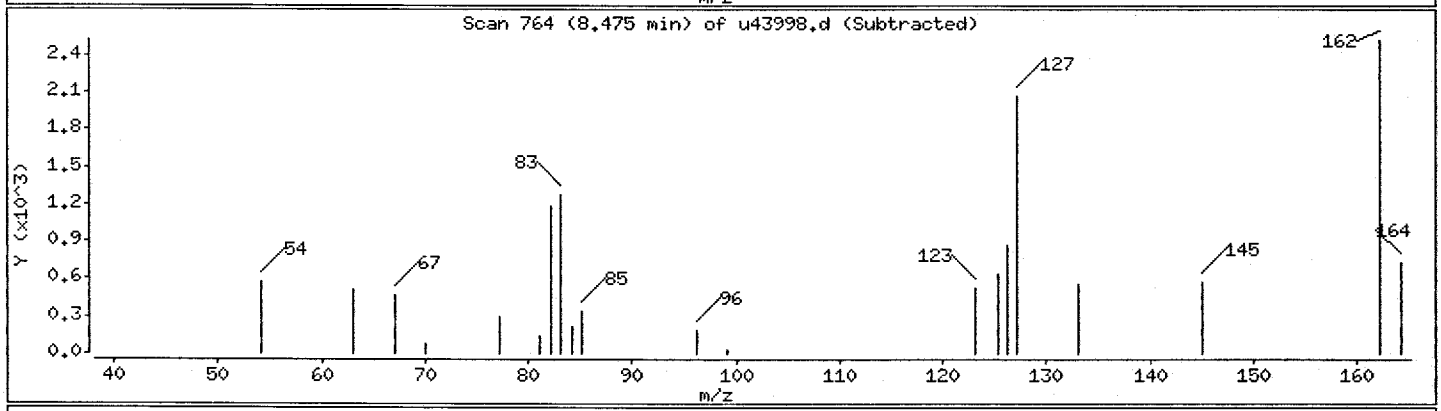
Sample Info: 908696;4225896

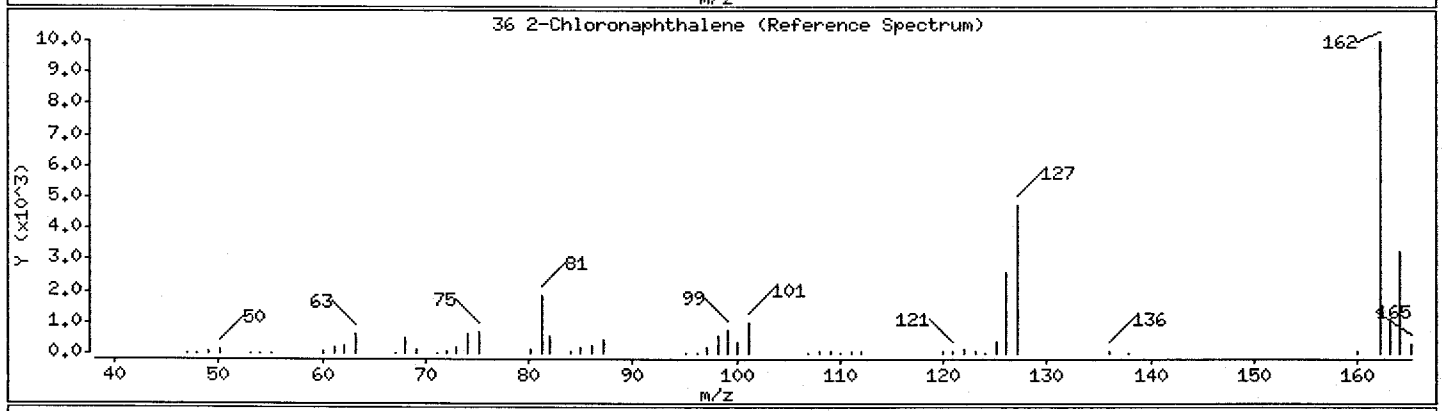
Operator: BNAMS 4

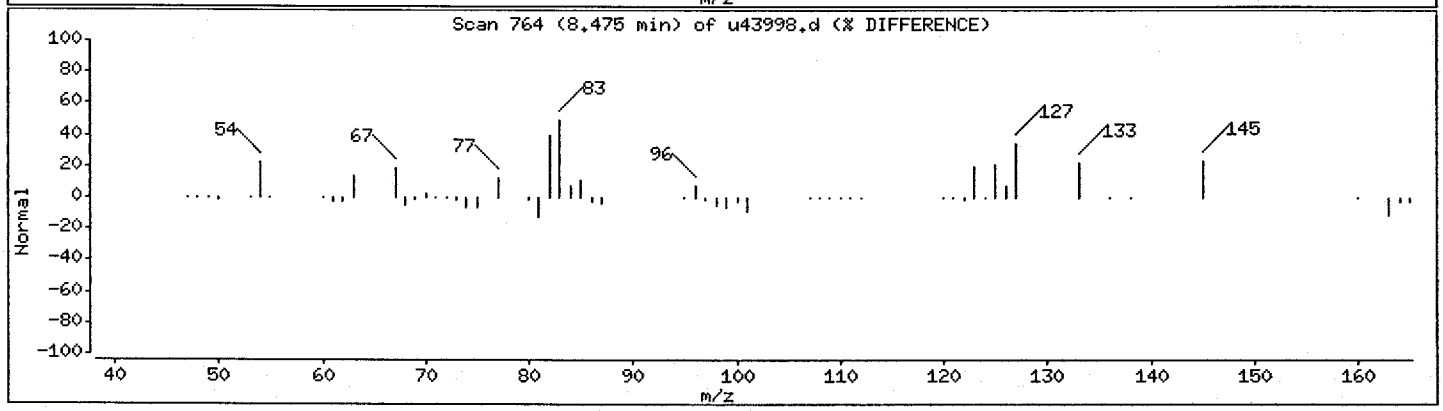
Column phase: DB-5 Column diameter: 0.25

36 2-Chloronaphthalene Concentration: 65 ug/Kg









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Date : 09-APR-2008 16:02

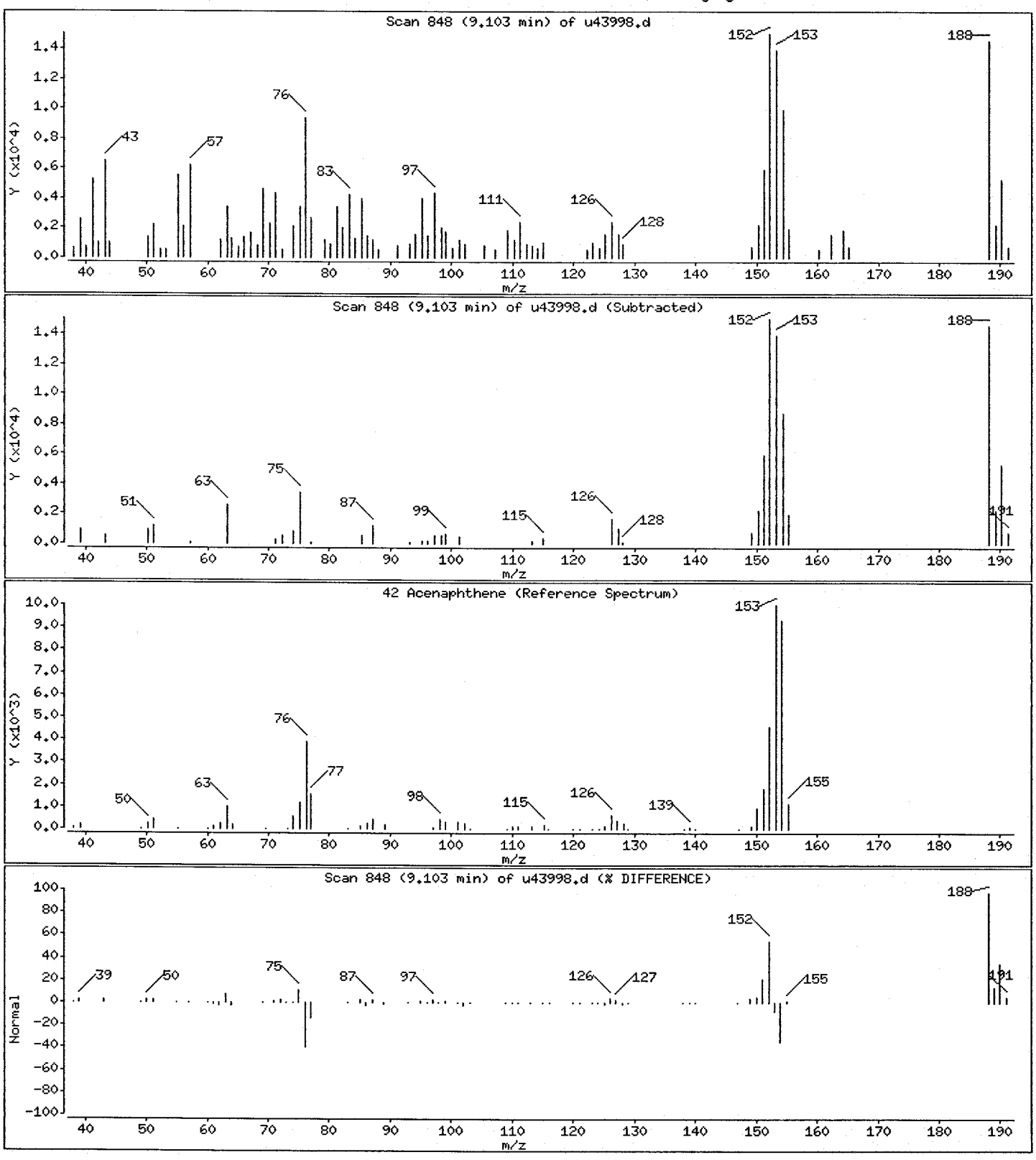
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

42 Acenaphthene Concentration: 250 ug/Kg



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Date : 09-APR-2008 16:02

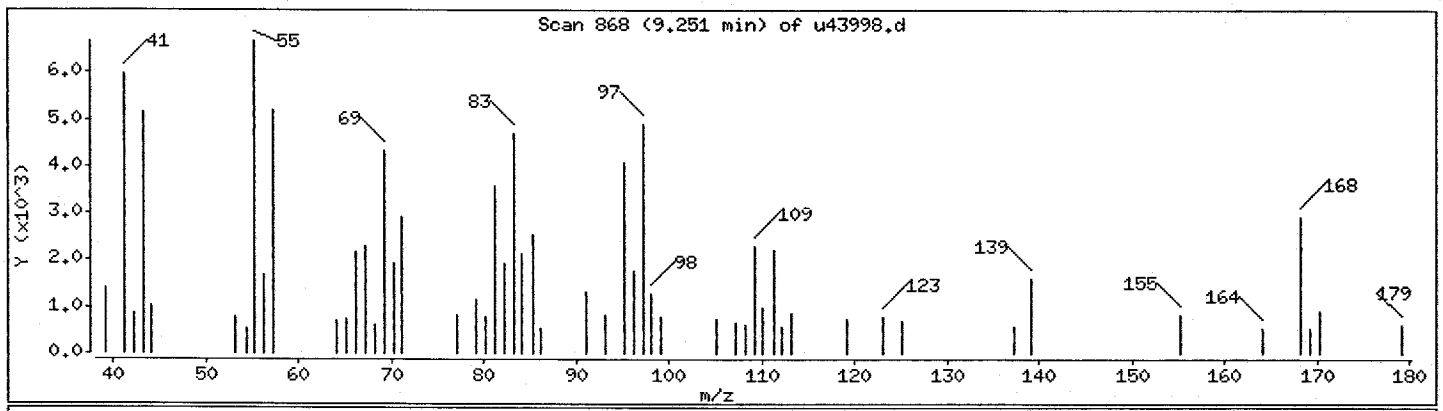
Client ID: 032508-1805 Instrument: BNAMS4.i

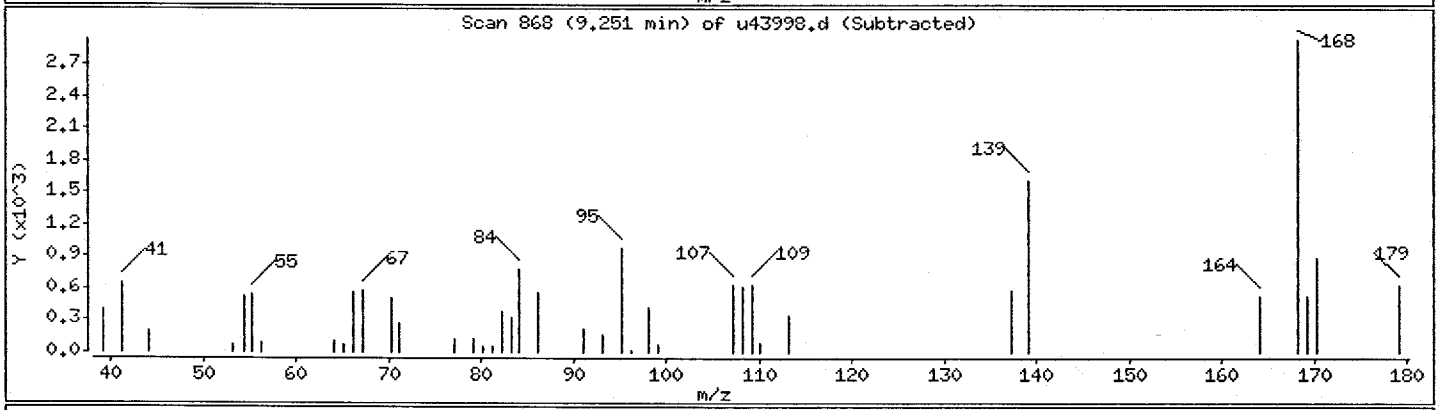
Sample Info: 908696;4225896

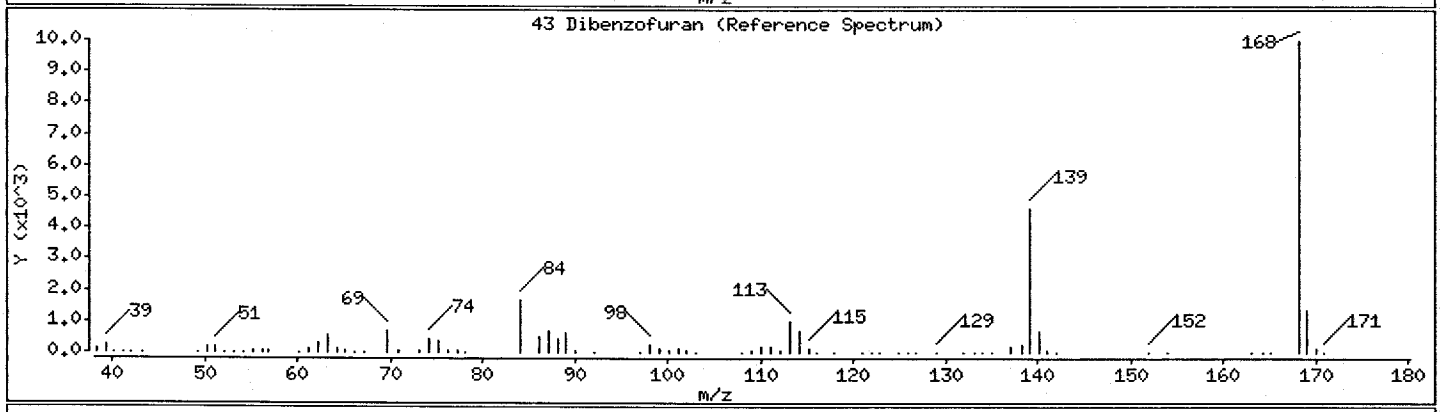
Operator: BNAMS 4

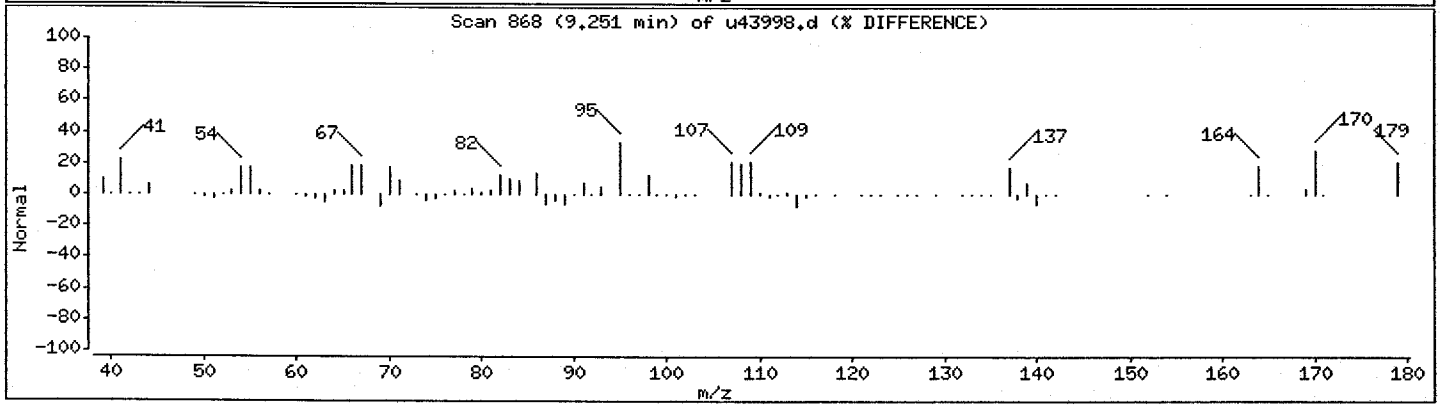
Column phase: DB-5 Column diameter: 0.25

43 Dibenzofuran Concentration: 45 ug/Kg









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Date : 09-APR-2008 16:02

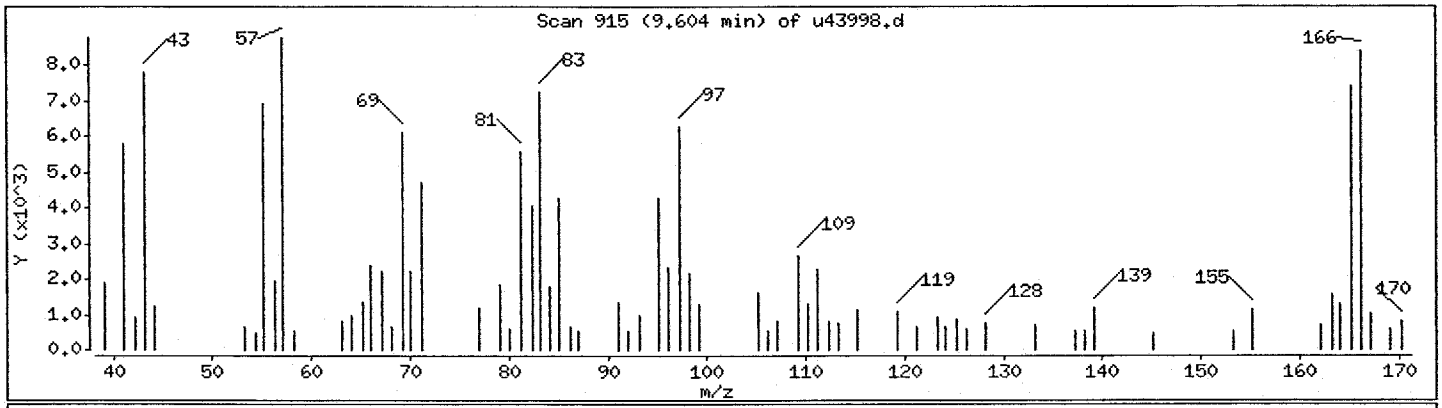
Client ID: 032508-1805 Instrument: BNAMS4.i

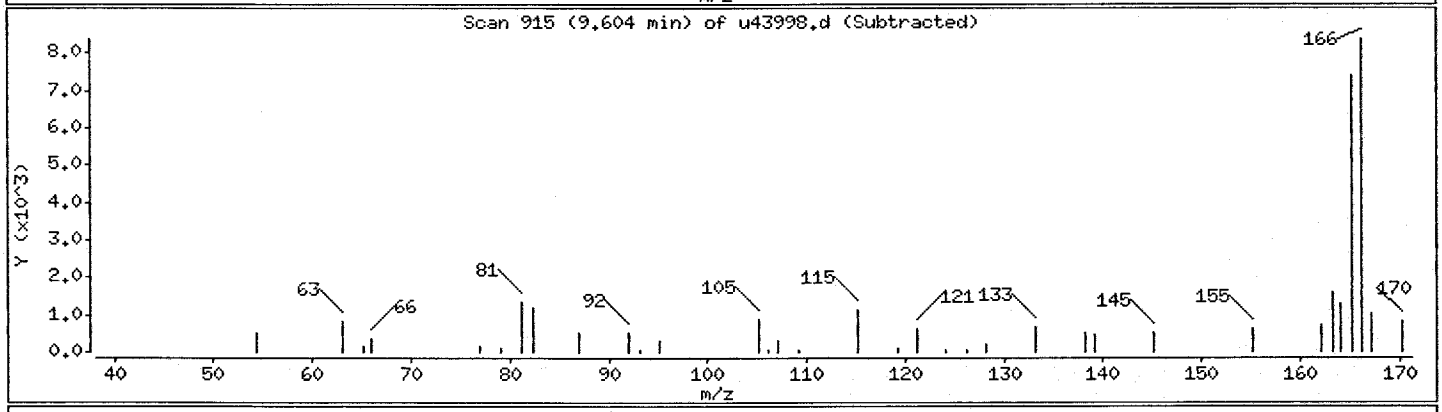
Sample Info: 908696;4225896

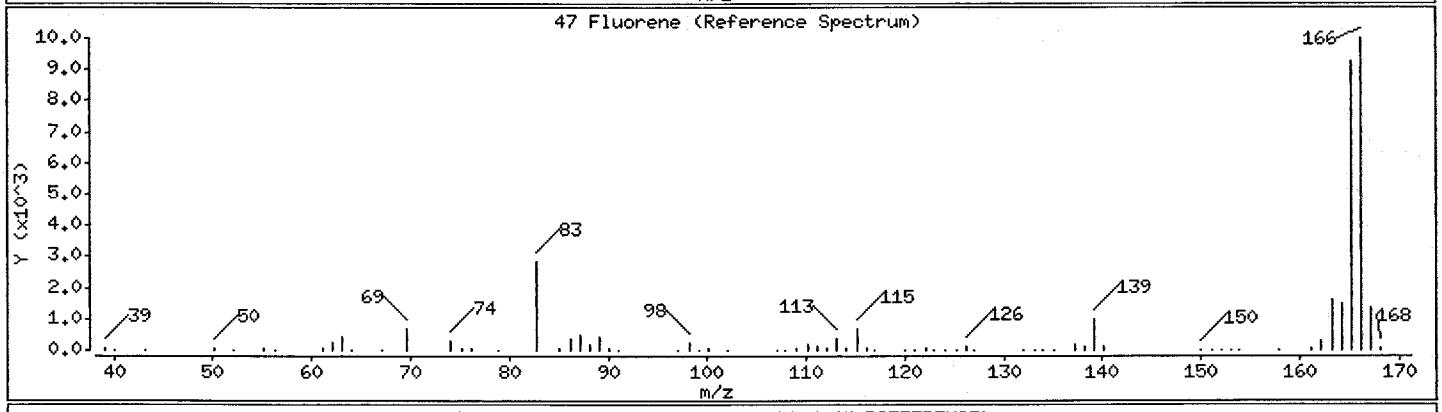
Operator: BNAMS 4

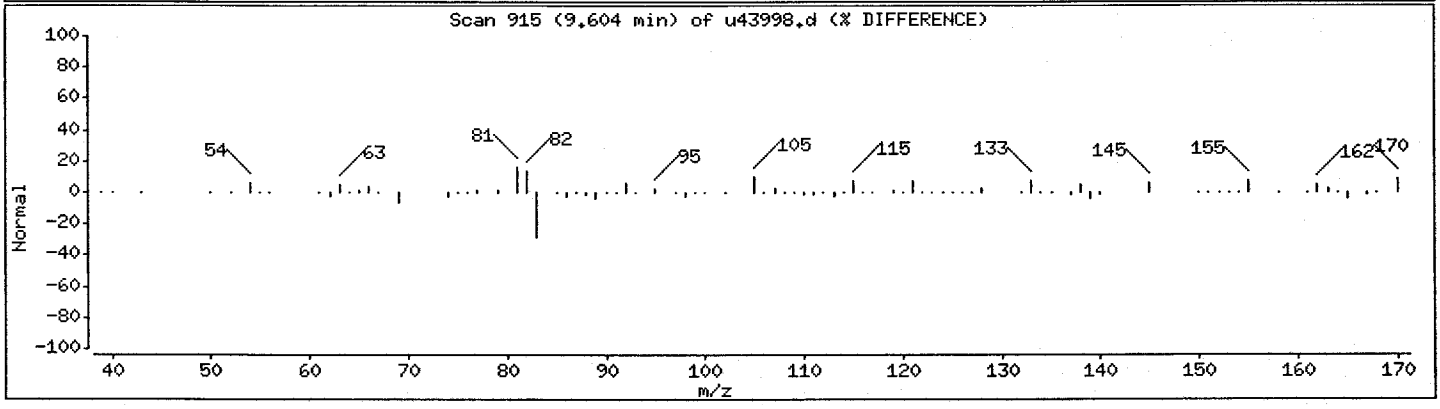
Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 160 ug/Kg









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Date : 09-APR-2008 16:02

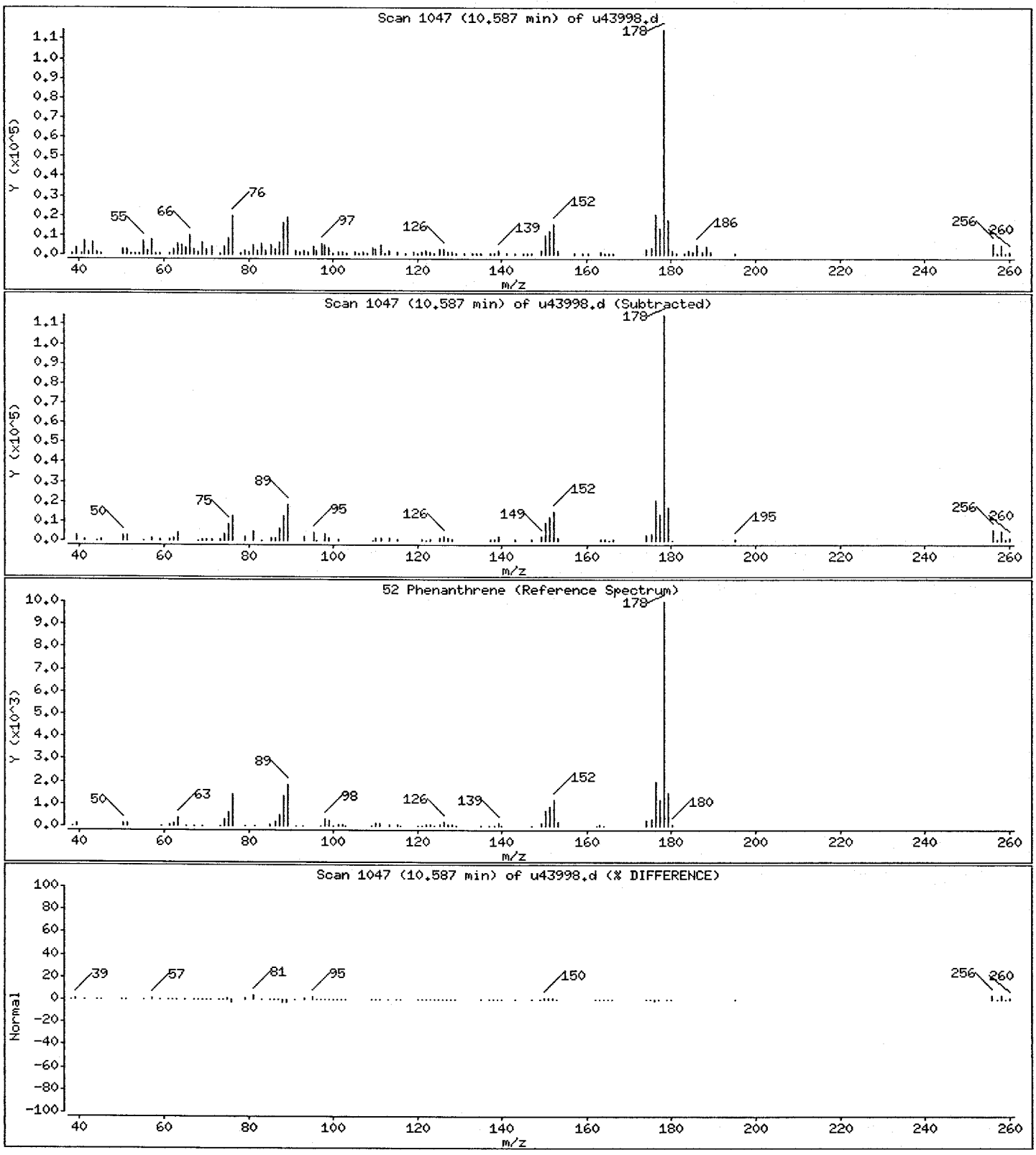
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

52 Phenanthrene Concentration: 1900 ug/Kg



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Date : 09-APR-2008 16:02

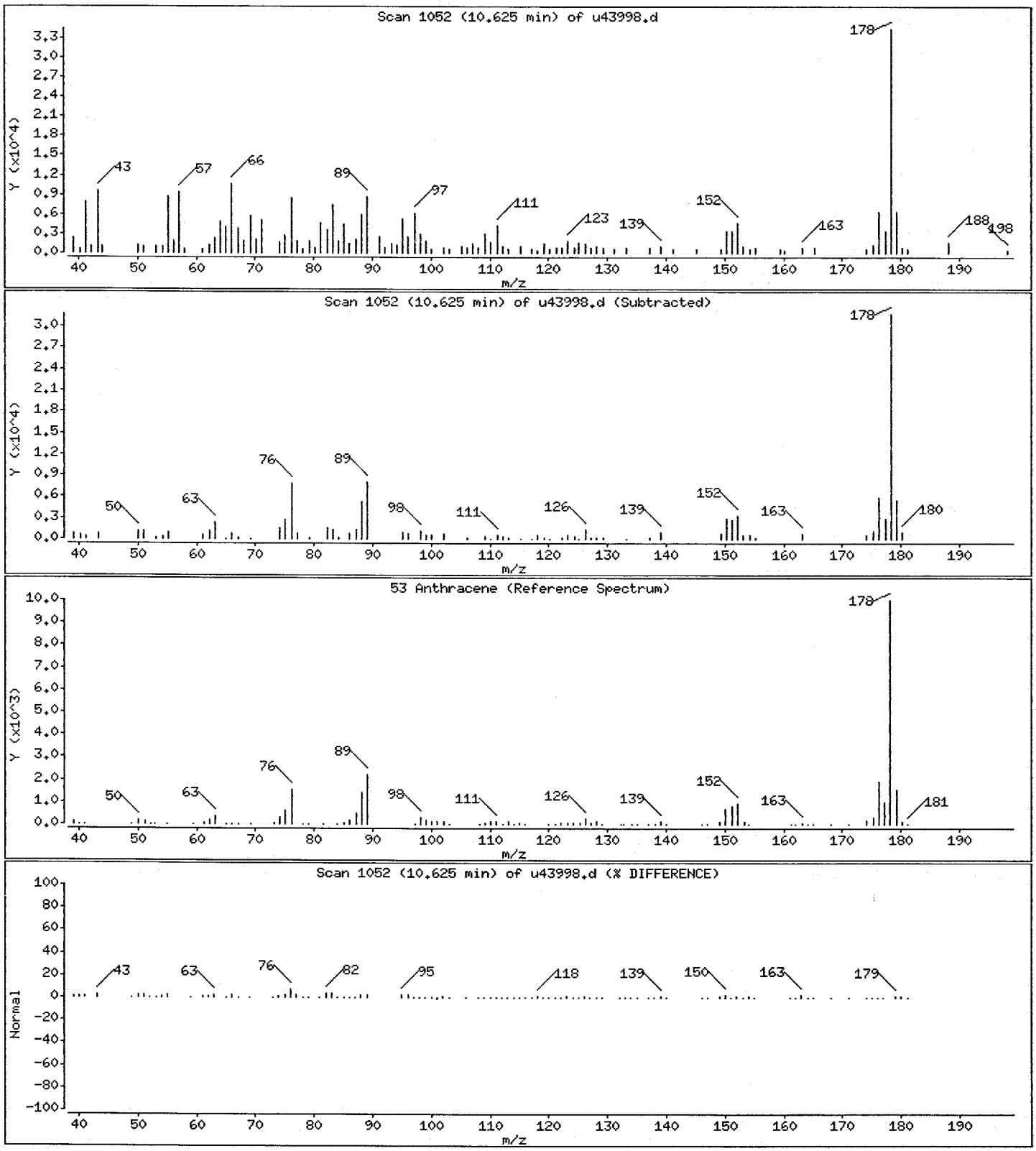
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

53 Anthracene Concentration: 520 ug/Kg



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Date : 09-APR-2008 16:02

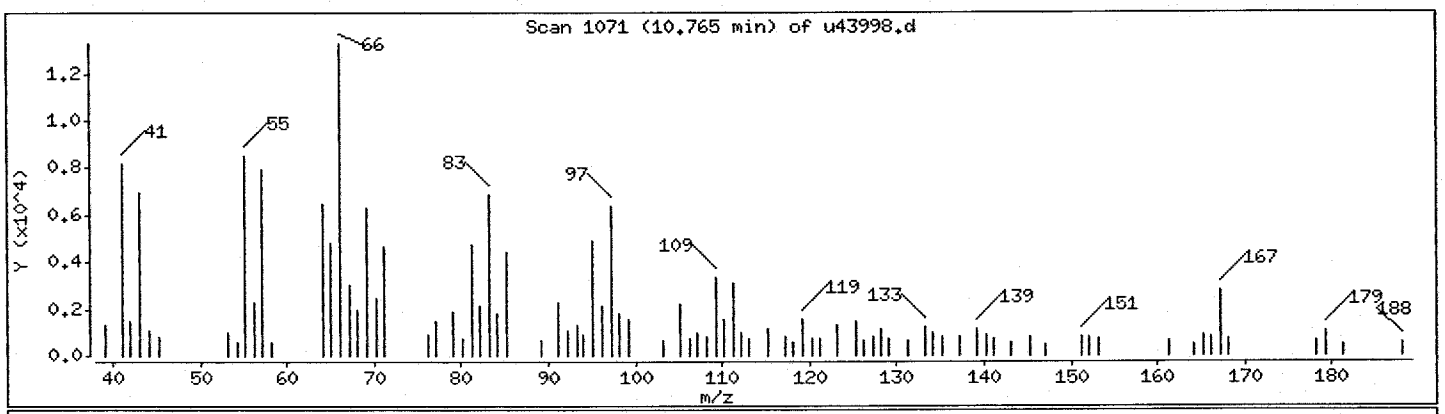
Client ID: 032508-1805 Instrument: BNAMS4.i

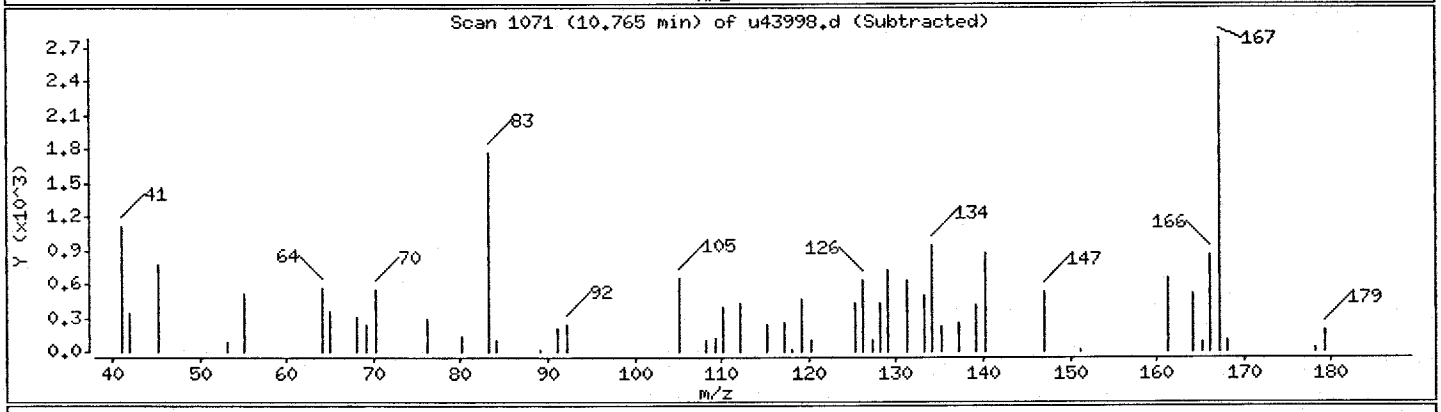
Sample Info: 908696;4225896

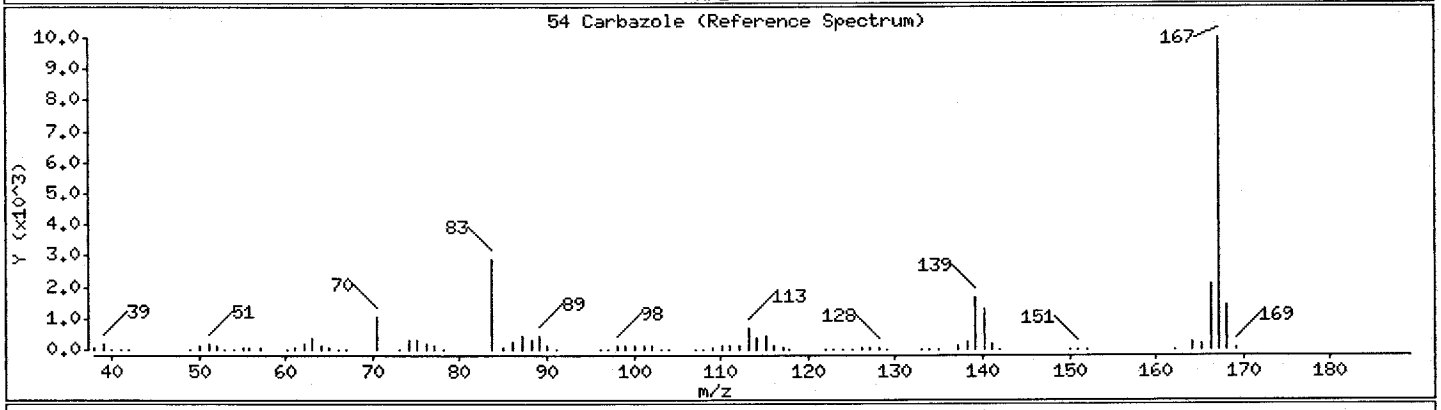
Operator: BNAMS 4

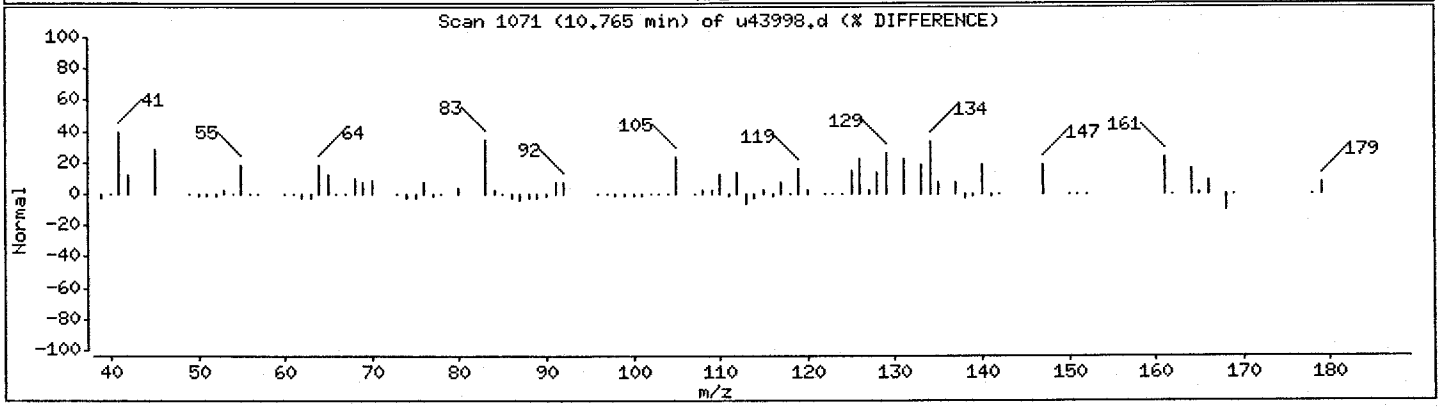
Column phase: DB-5 Column diameter: 0.25

54 Carbazole Concentration: 50 ug/Kg









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Date : 09-APR-2008 16:02

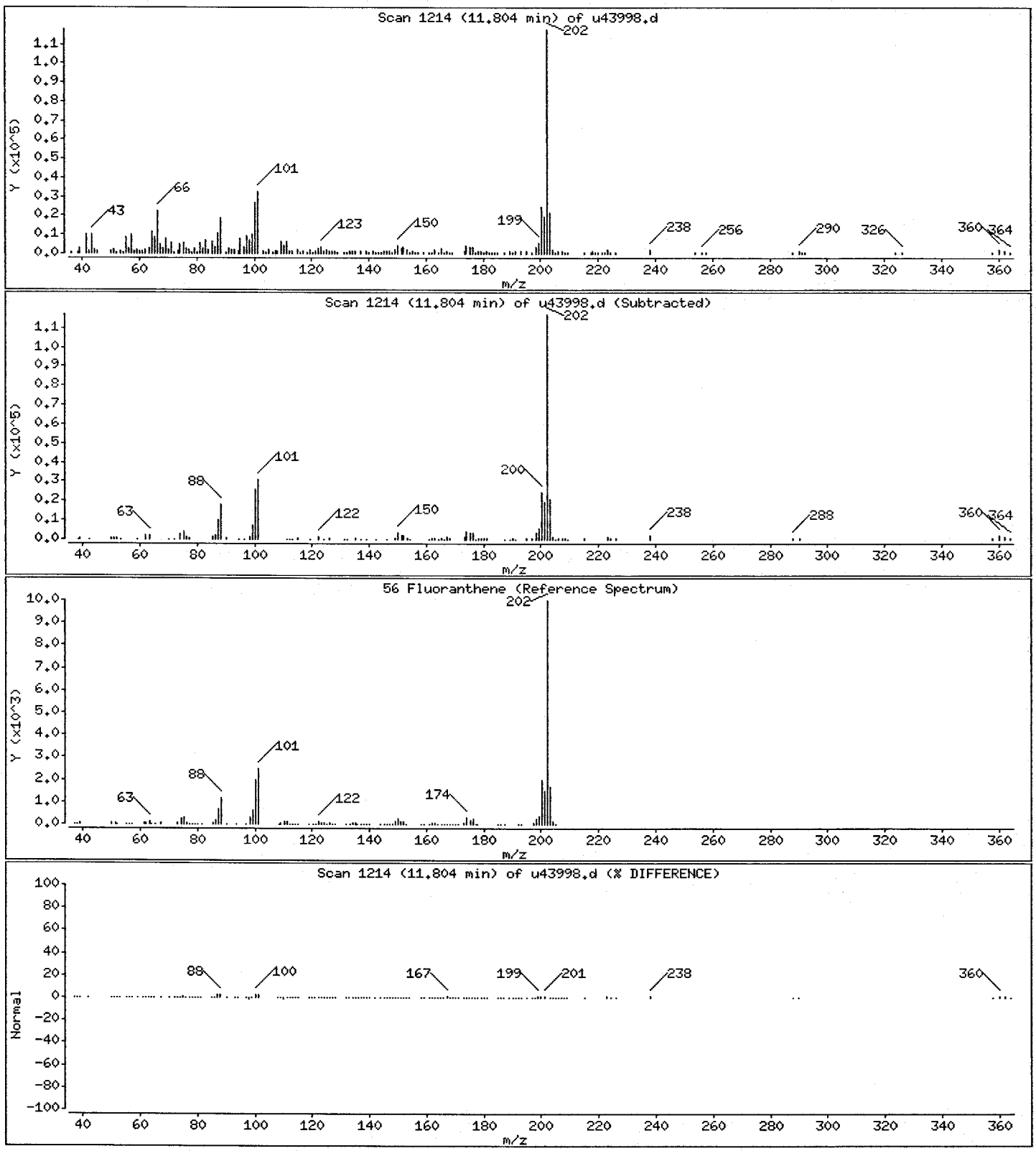
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 1800 ug/Kg



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Date : 09-APR-2008 16:02

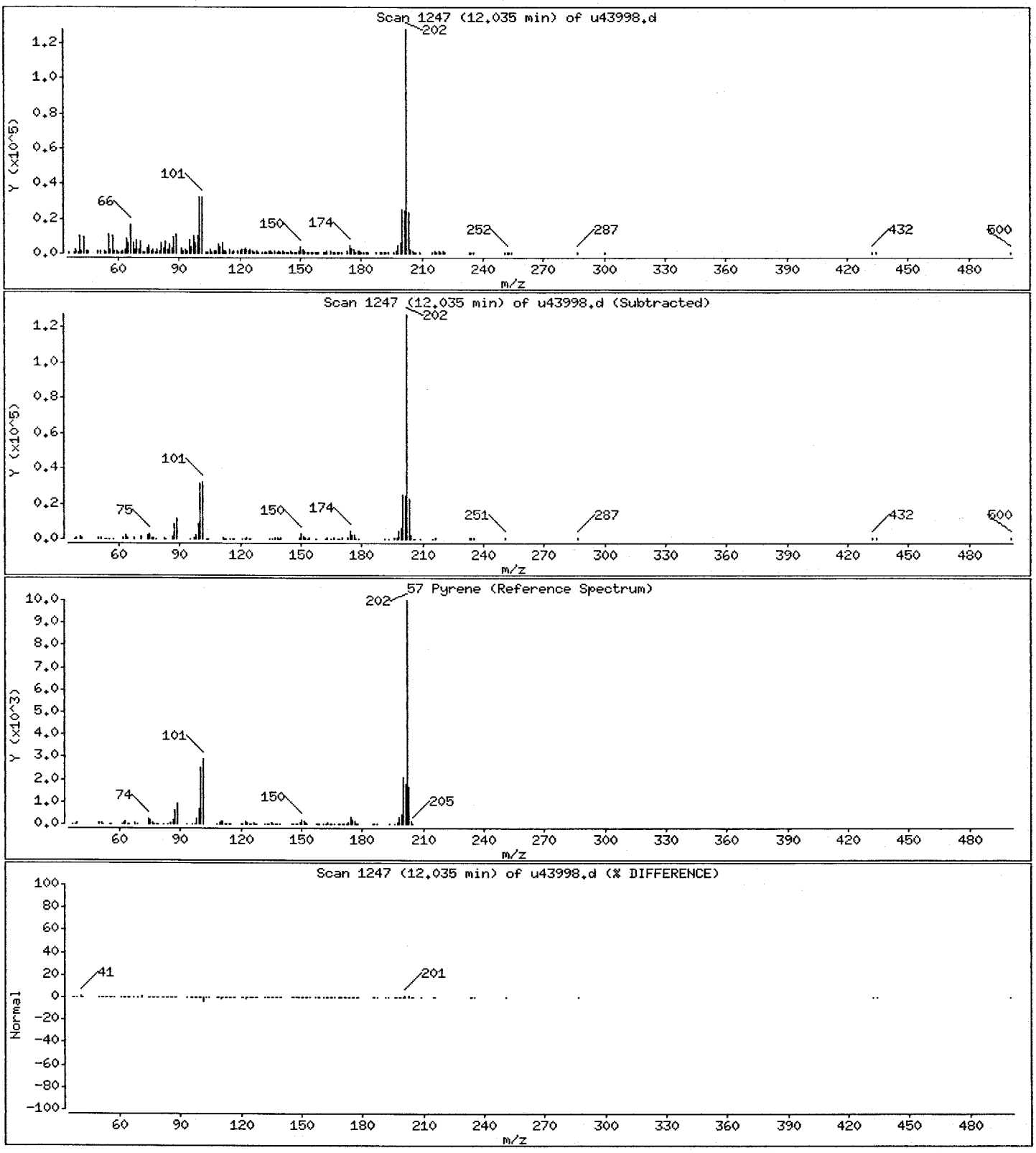
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 1800 ug/Kg



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Date : 09-APR-2008 16:02

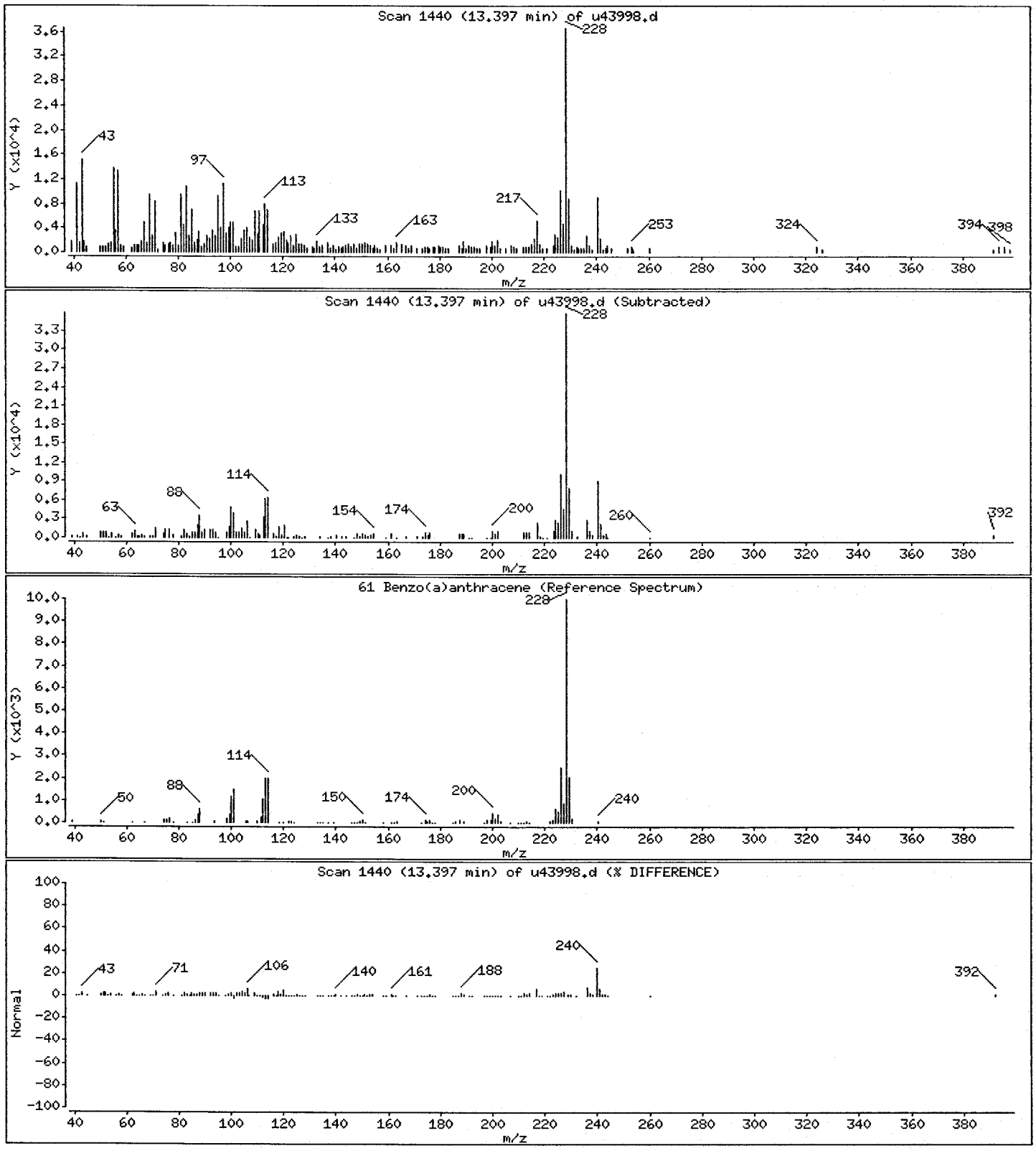
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

61 Benzo(a)anthracene Concentration: 870 ug/Kg



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Date : 09-APR-2008 16:02

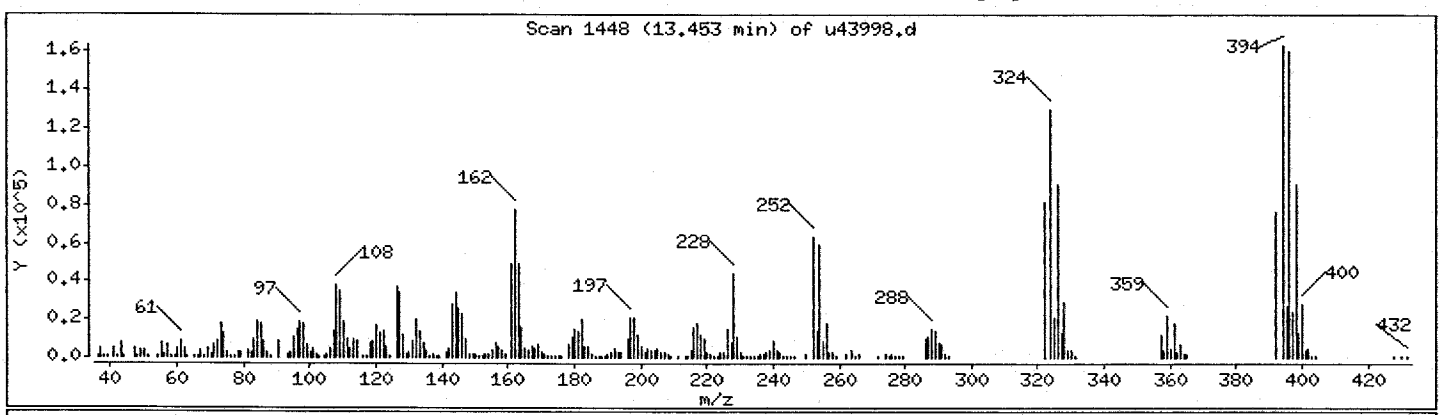
Client ID: 032508-1805 Instrument: BNAMS4.i

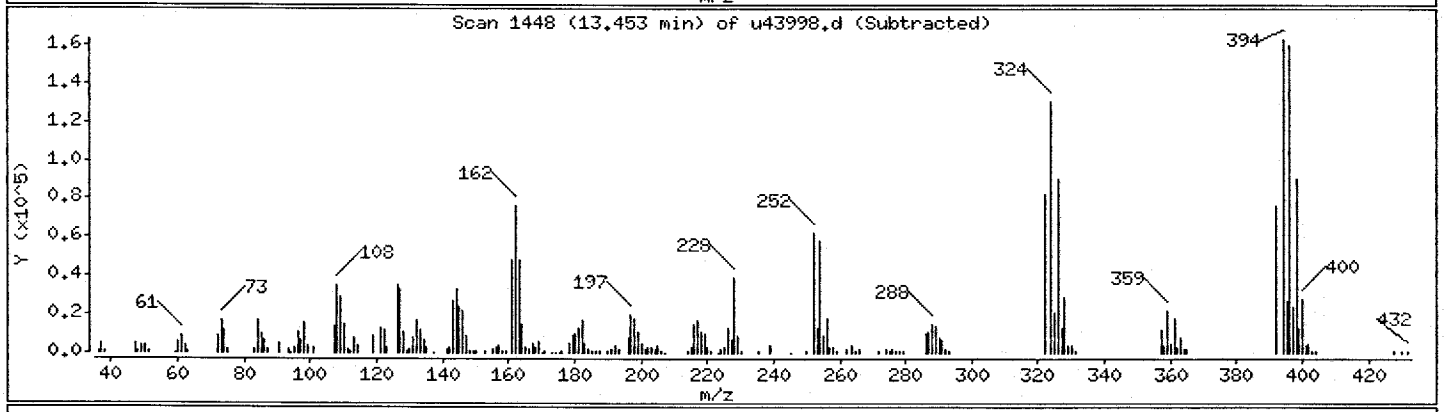
Sample Info: 908696;4225896

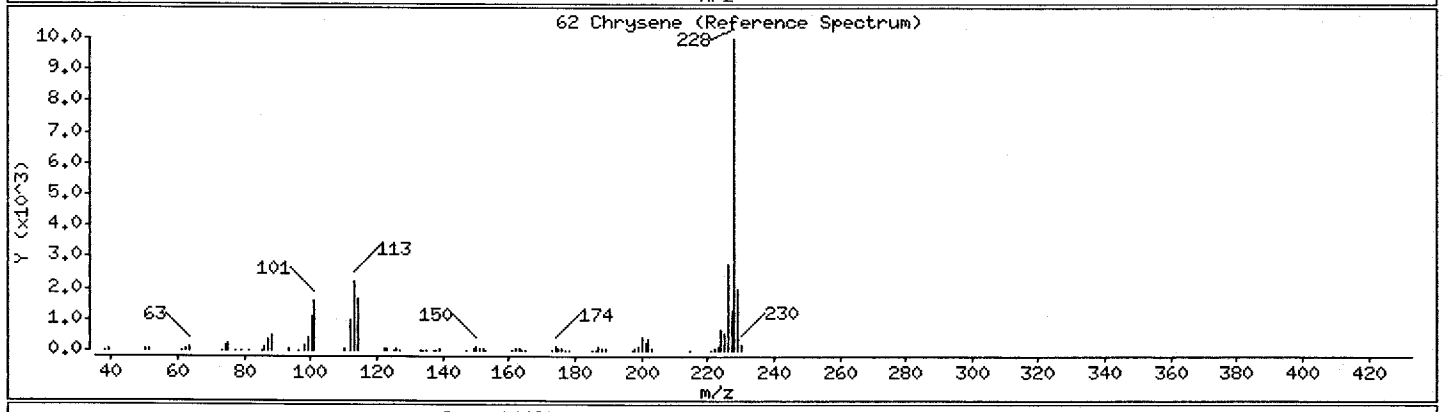
Operator: BNAMS 4

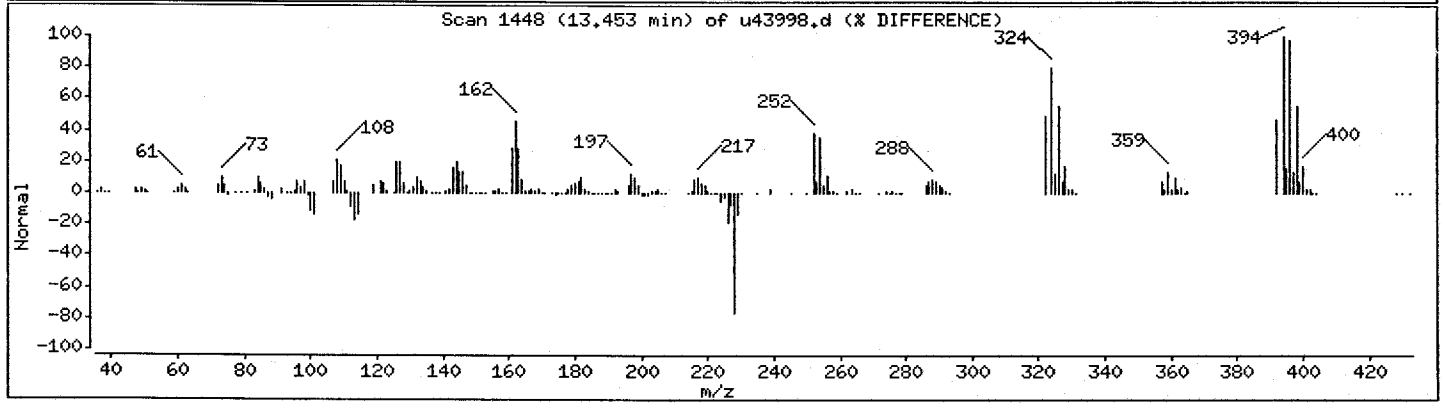
Column phase: DB-5 Column diameter: 0.25

62 Chrysene Concentration: 970 ug/Kg









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Date : 09-APR-2008 16:02

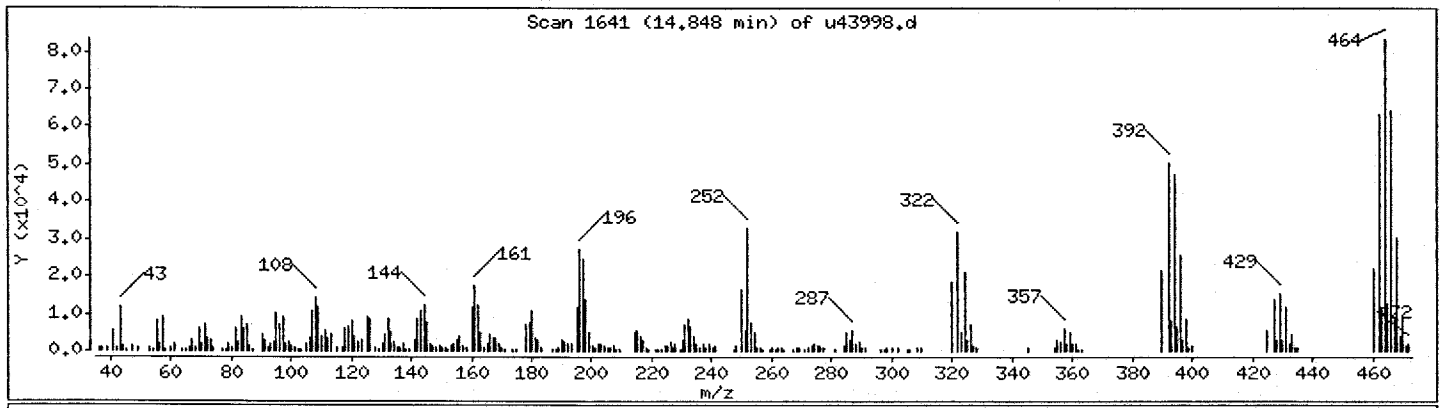
Client ID: 032508-1805 Instrument: BNAMS4.i

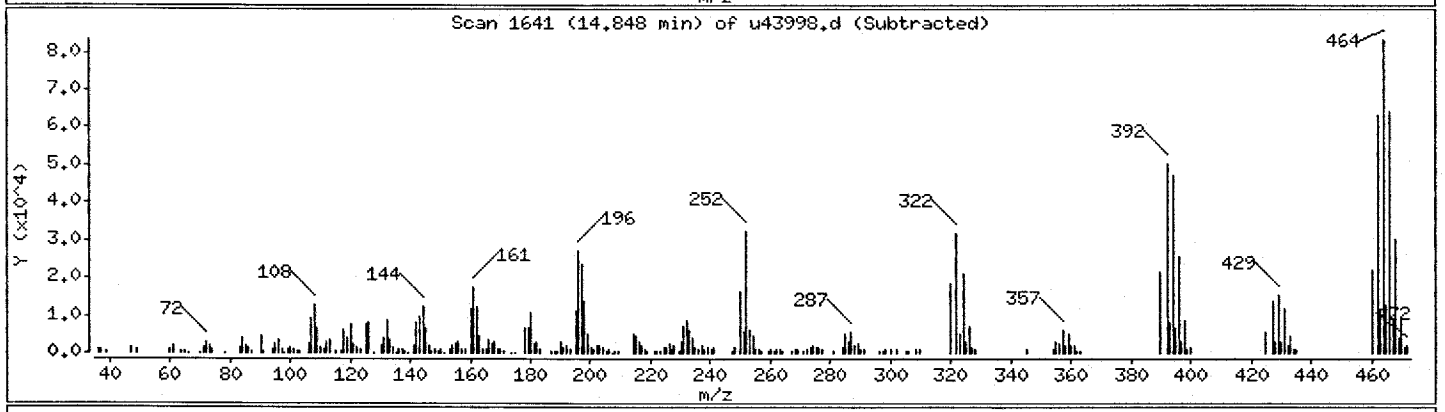
Sample Info: 908696;4225896

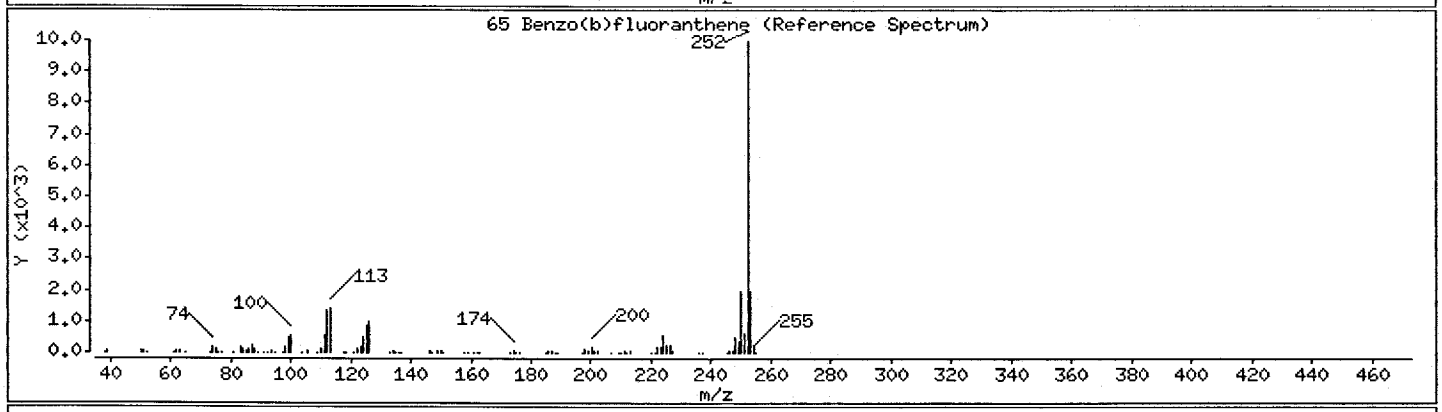
Operator: BNAMS 4

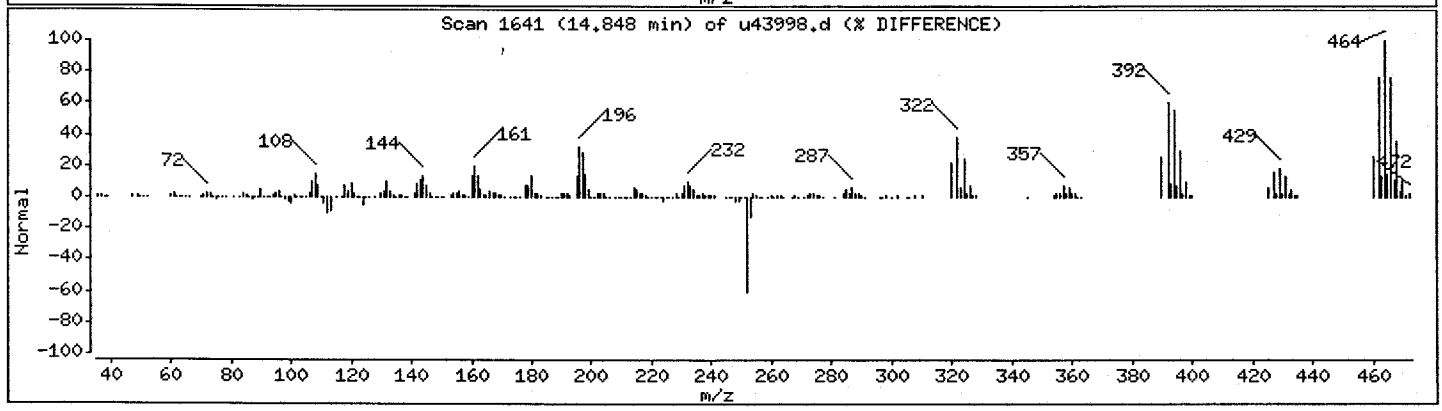
Column phase: DB-5 Column diameter: 0.25

65 Benzo(b)fluoranthene Concentration: 810 ug/Kg









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Date : 09-APR-2008 16:02

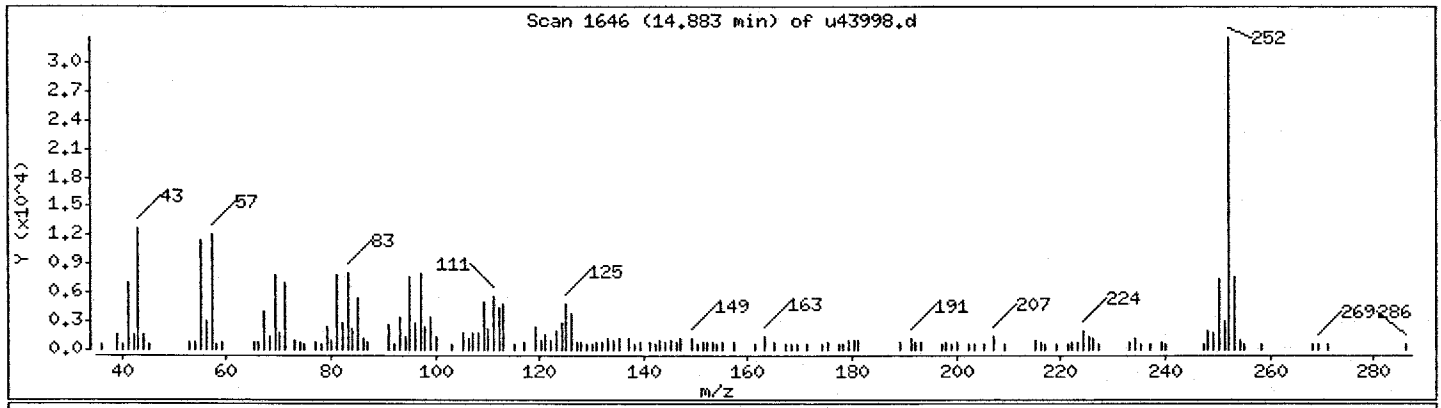
Client ID: 032508-1805 Instrument: BNAMS4.i

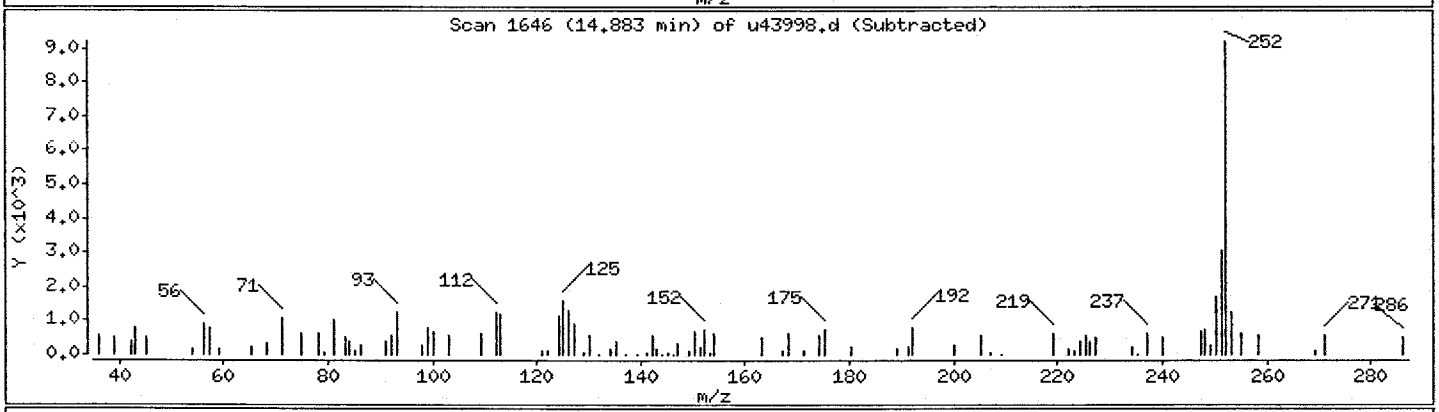
Sample Info: 908696;4225896

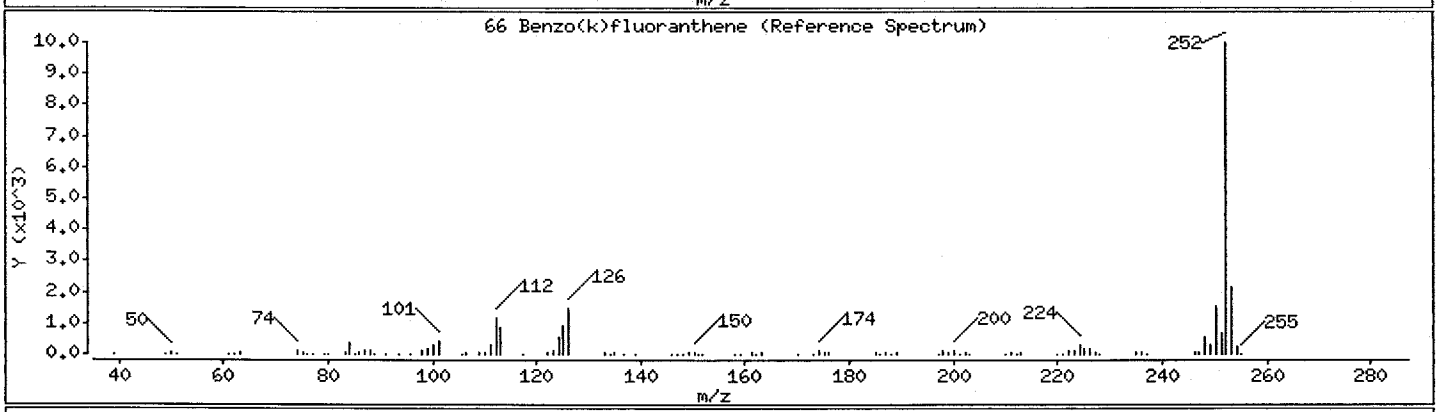
Operator: BNAMS 4

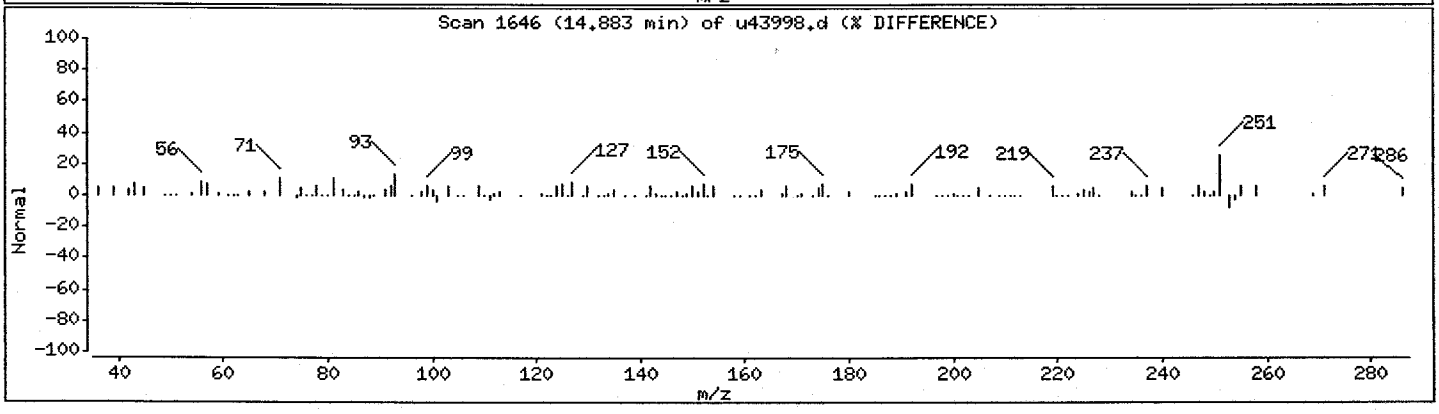
Column phase: DB-5 Column diameter: 0.25

66 Benzo(k)fluoranthene Concentration: 700 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43998.d

Date : 09-APR-2008 16:02

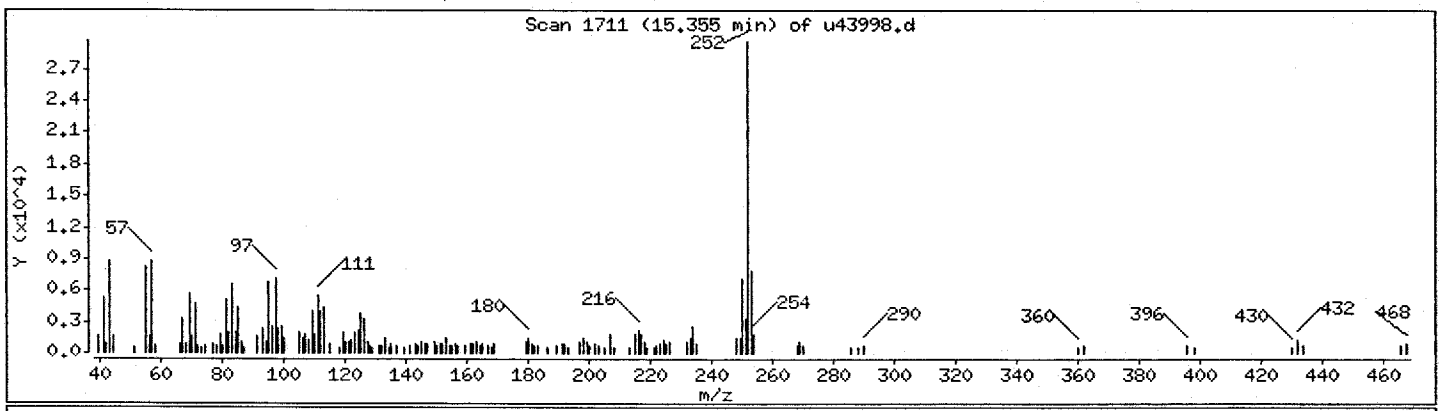
Client ID: 032508-1805 Instrument: BNAMS4.i

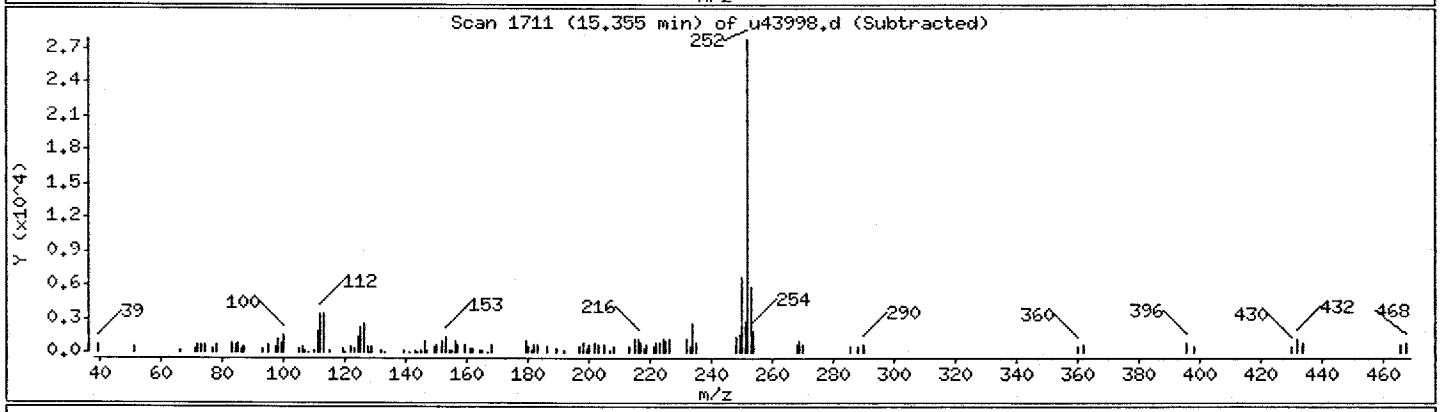
Sample Info: 908696;4225896

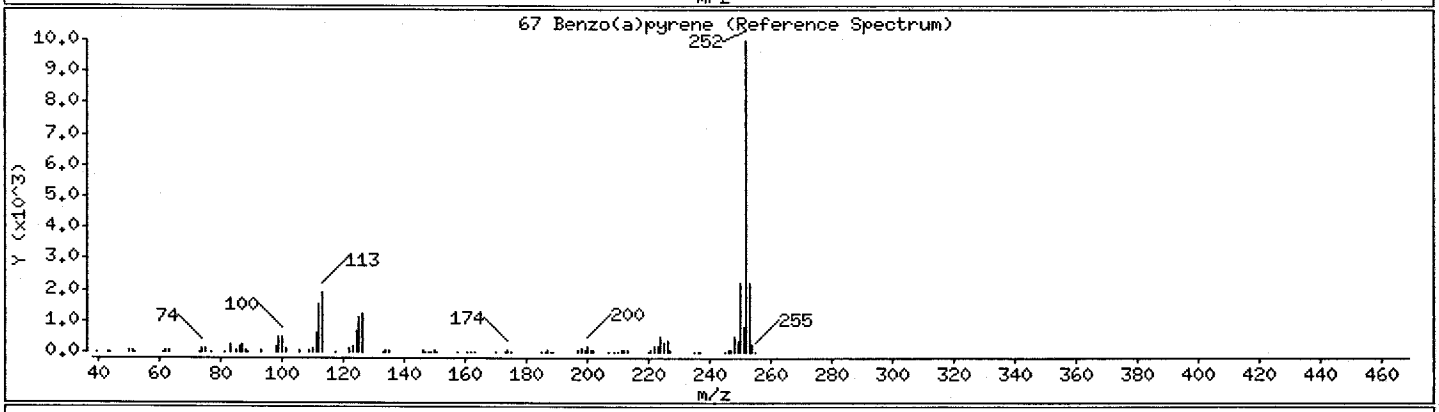
Operator: BNAMS 4

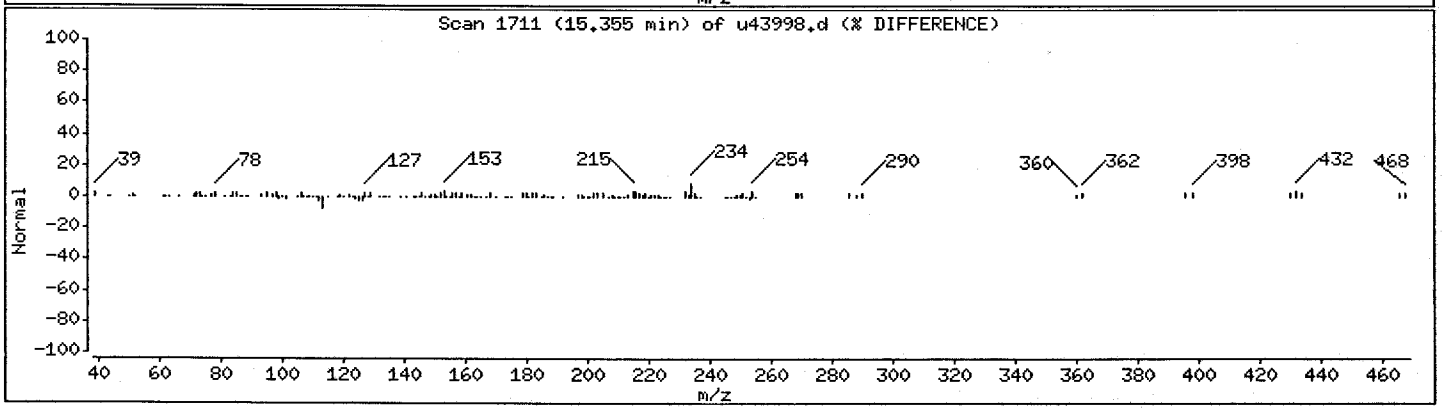
Column phase: DB-5 Column diameter: 0.25

67 Benzo(a)pyrene Concentration: 690 ug/Kg









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Date : 09-APR-2008 16:02

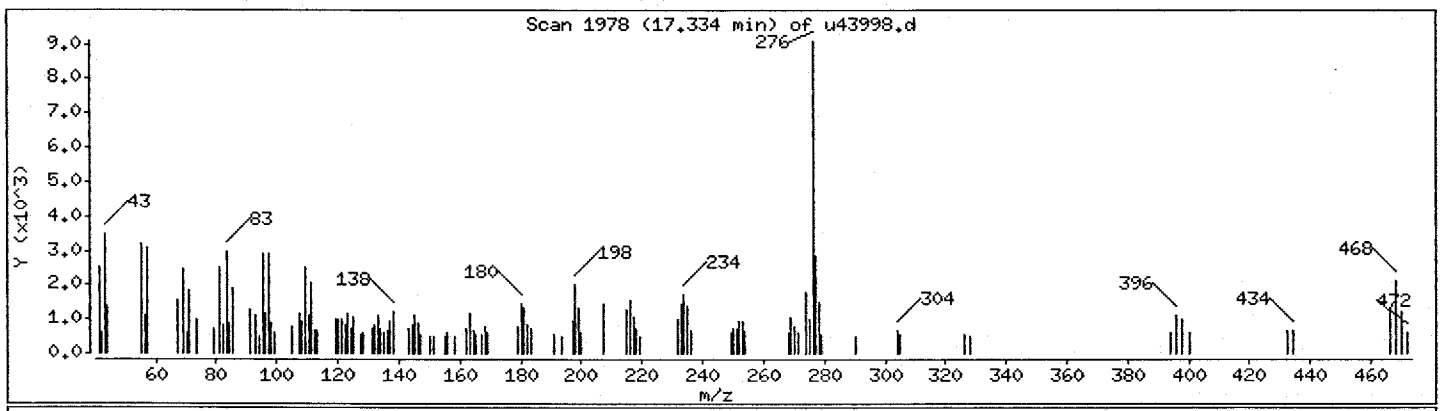
Client ID: 032508-1805 Instrument: BNAMS4.i

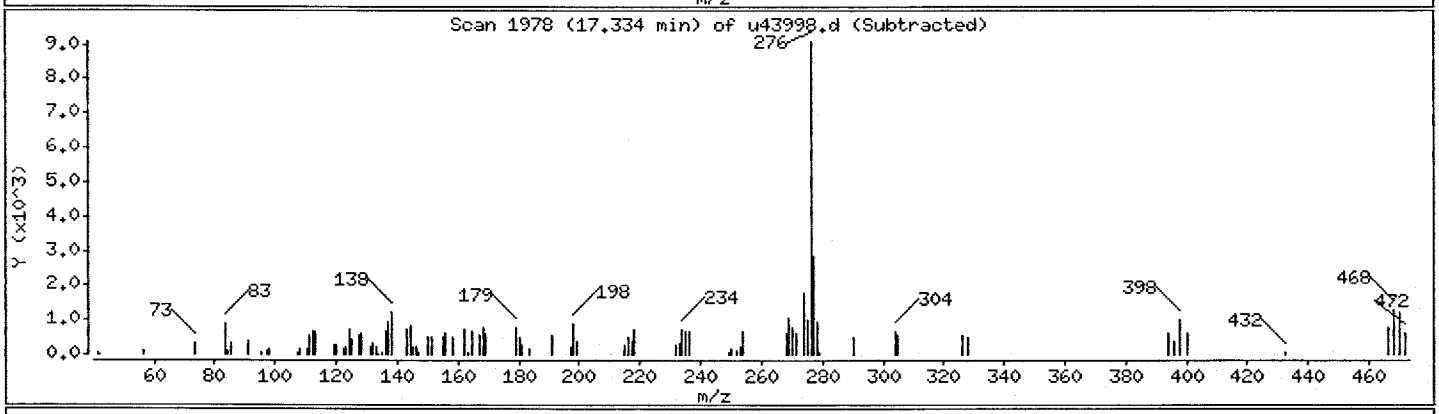
Sample Info: 908696;4225896

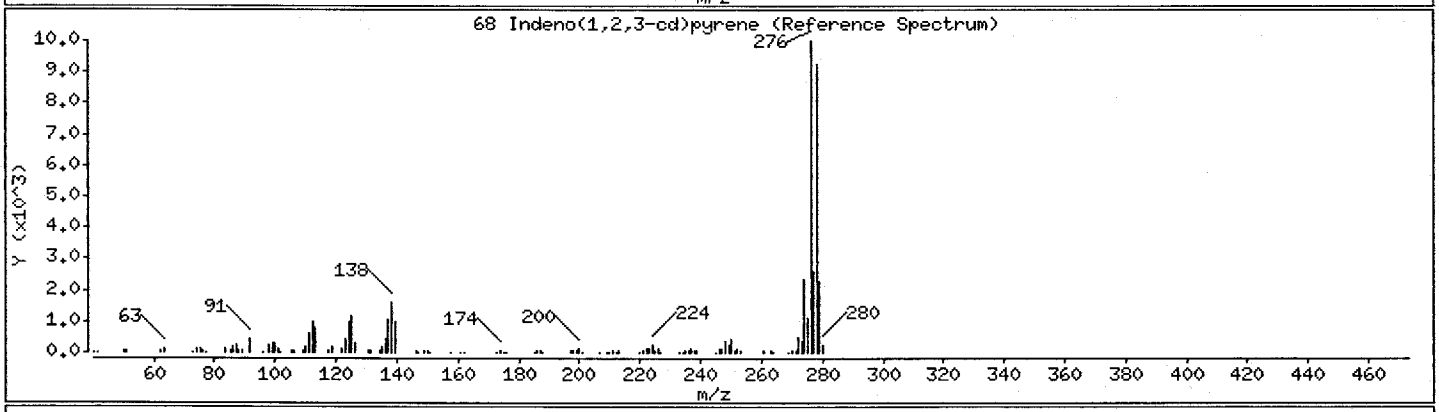
Operator: BNAMS 4

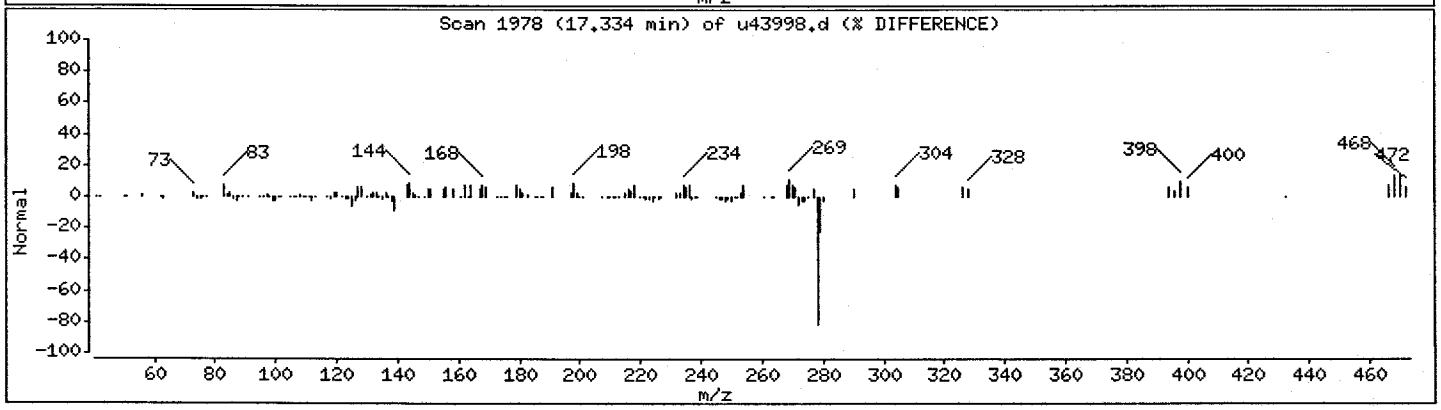
Column phase: DB-5 Column diameter: 0.25

68 Indeno(1,2,3-cd)pyrene Concentration: 320 ug/Kg









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Date : 09-APR-2008 16:02

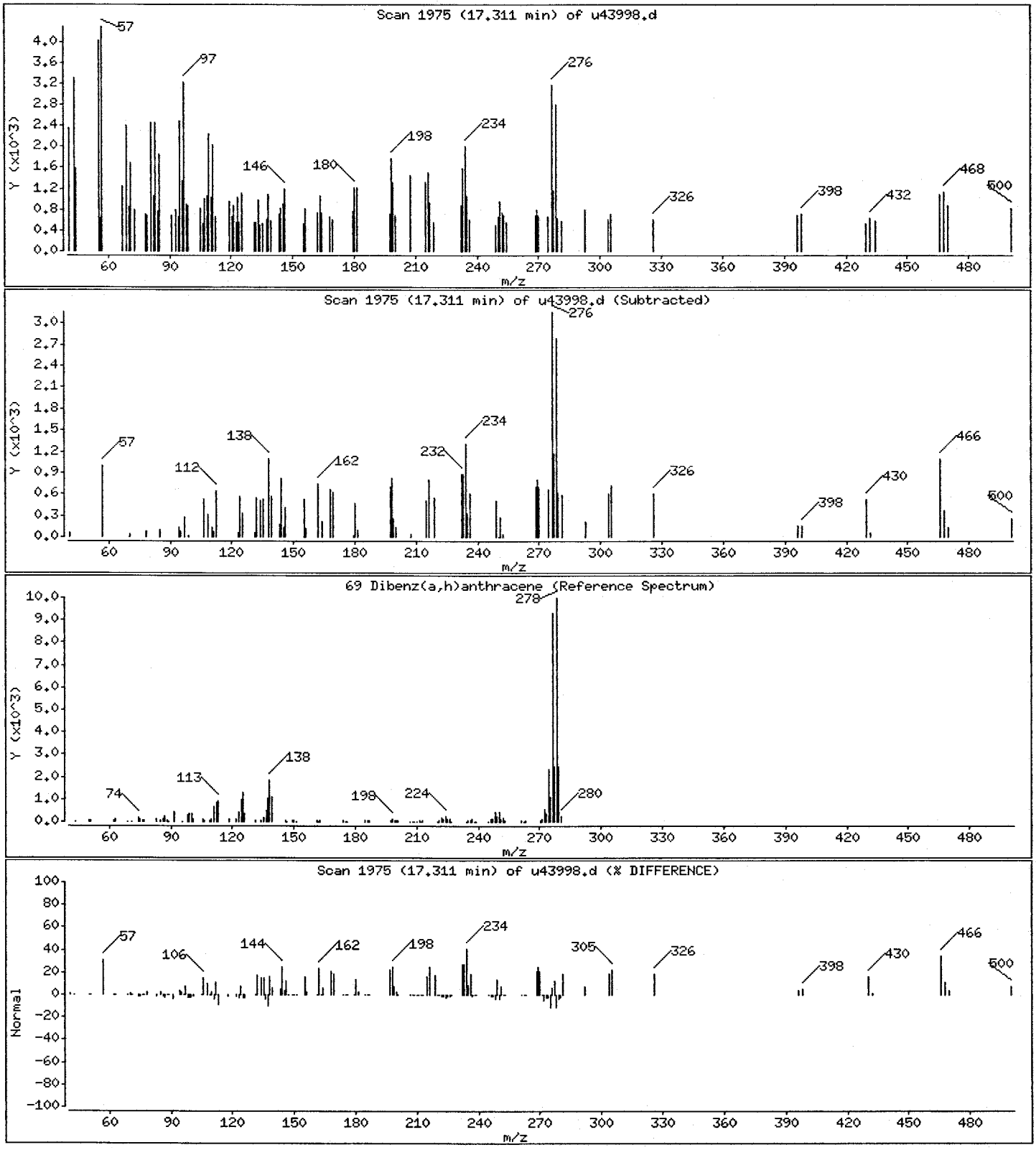
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

69 Dibenz(a,h)anthracene Concentration: 150 ug/Kg



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Date : 09-APR-2008 16:02

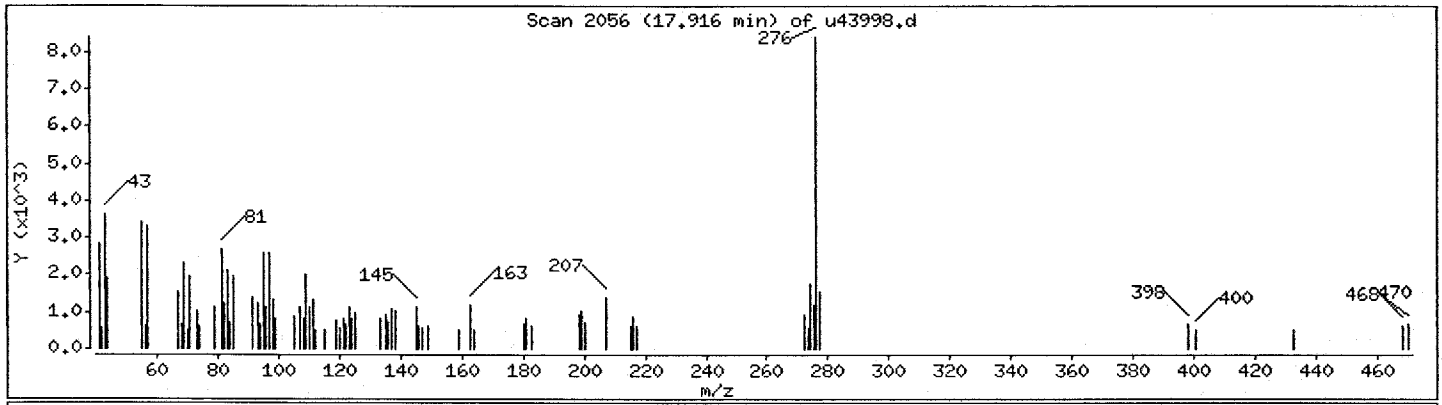
Client ID: 032508-1805 Instrument: BNAMS4.i

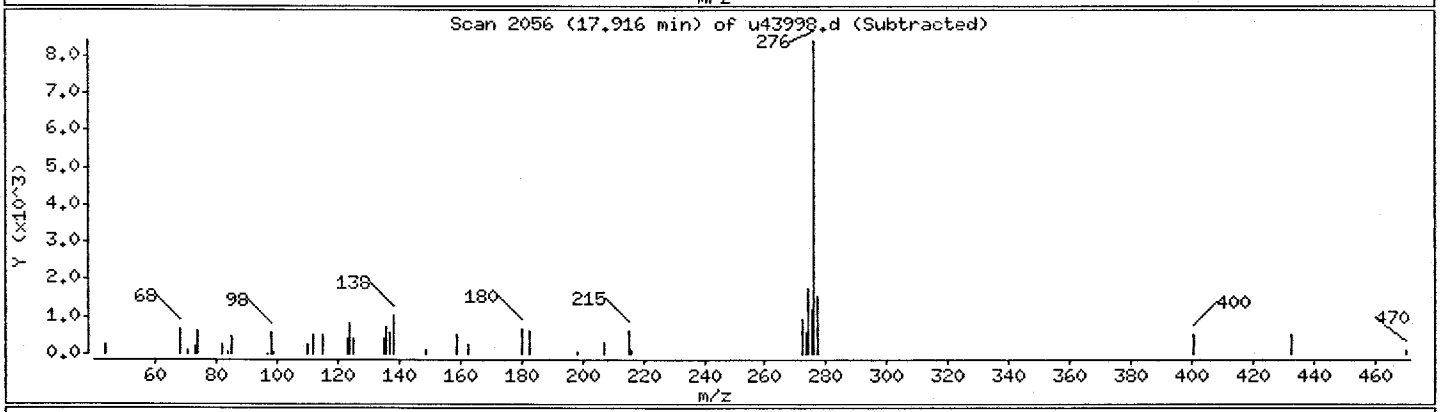
Sample Info: 908696;4225896

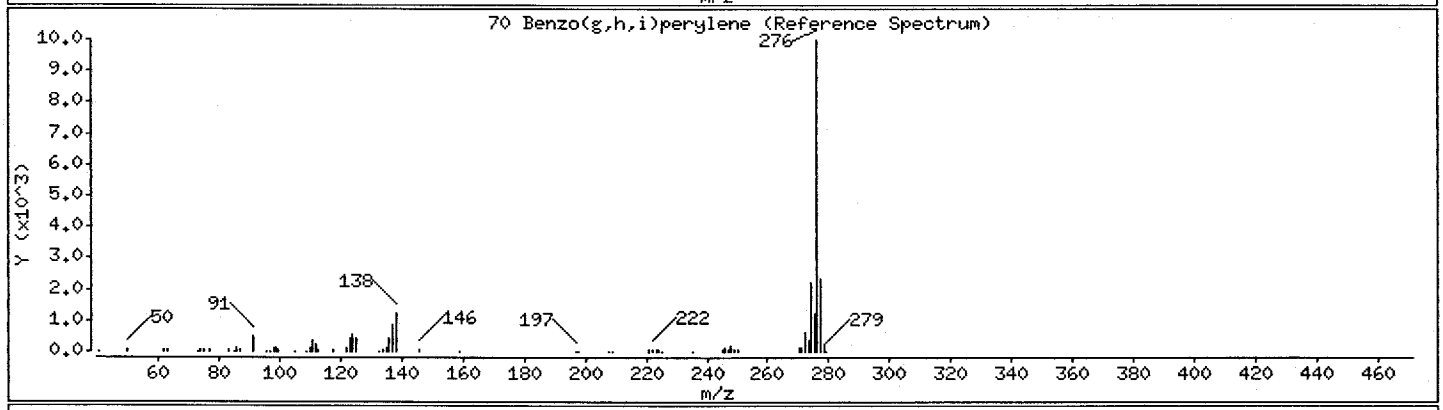
Operator: BNAMS 4

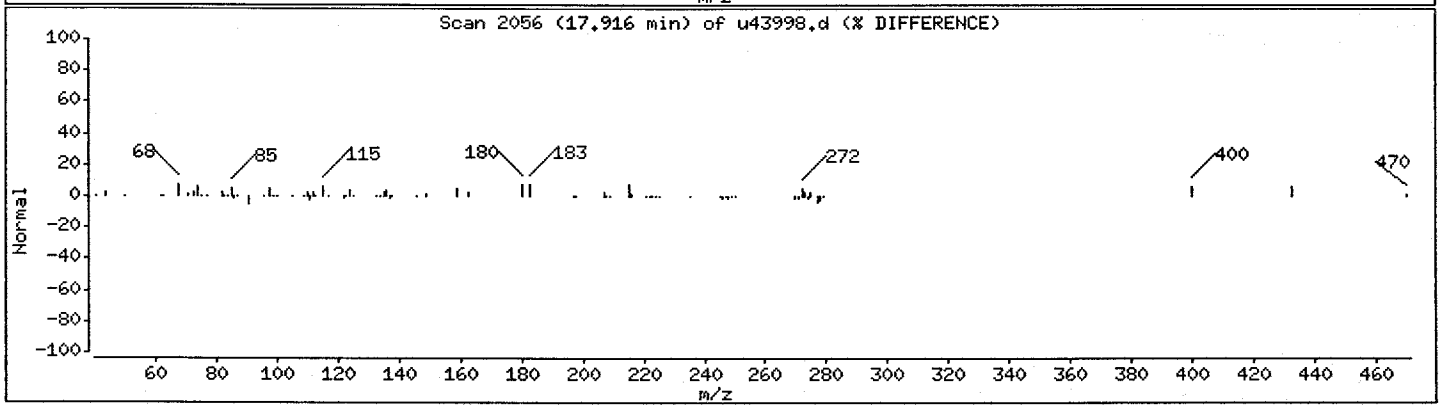
Column phase: DB-5 Column diameter: 0.25

70 Benzo(g,h,i)perylene Concentration: 340 ug/Kg









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Date : 09-APR-2008 16:02

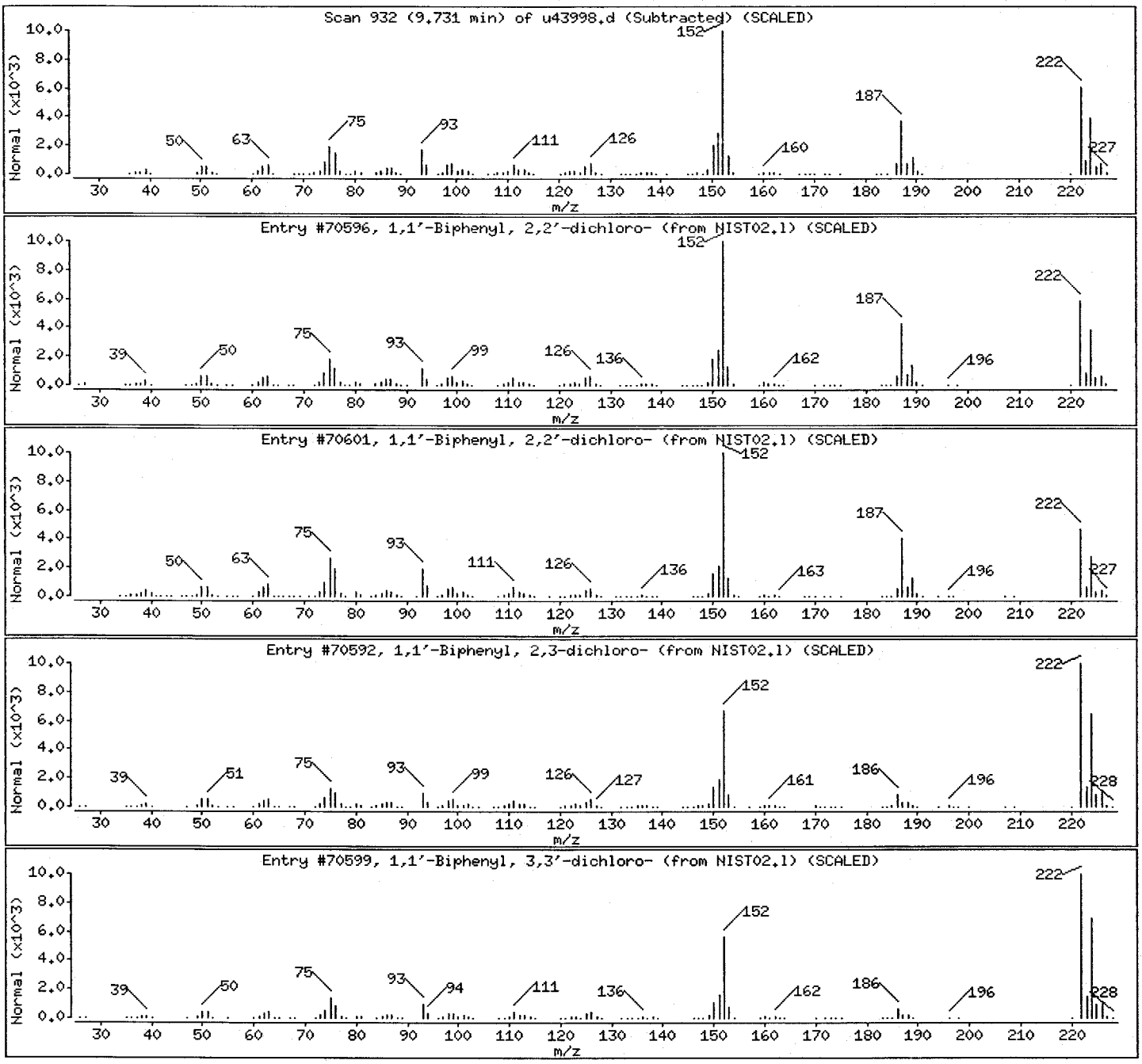
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70596	99	C12H8Cl2	222
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70601	98	C12H8Cl2	222
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.l	70592	98	C12H8Cl2	222
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.l	70599	98	C12H8Cl2	222



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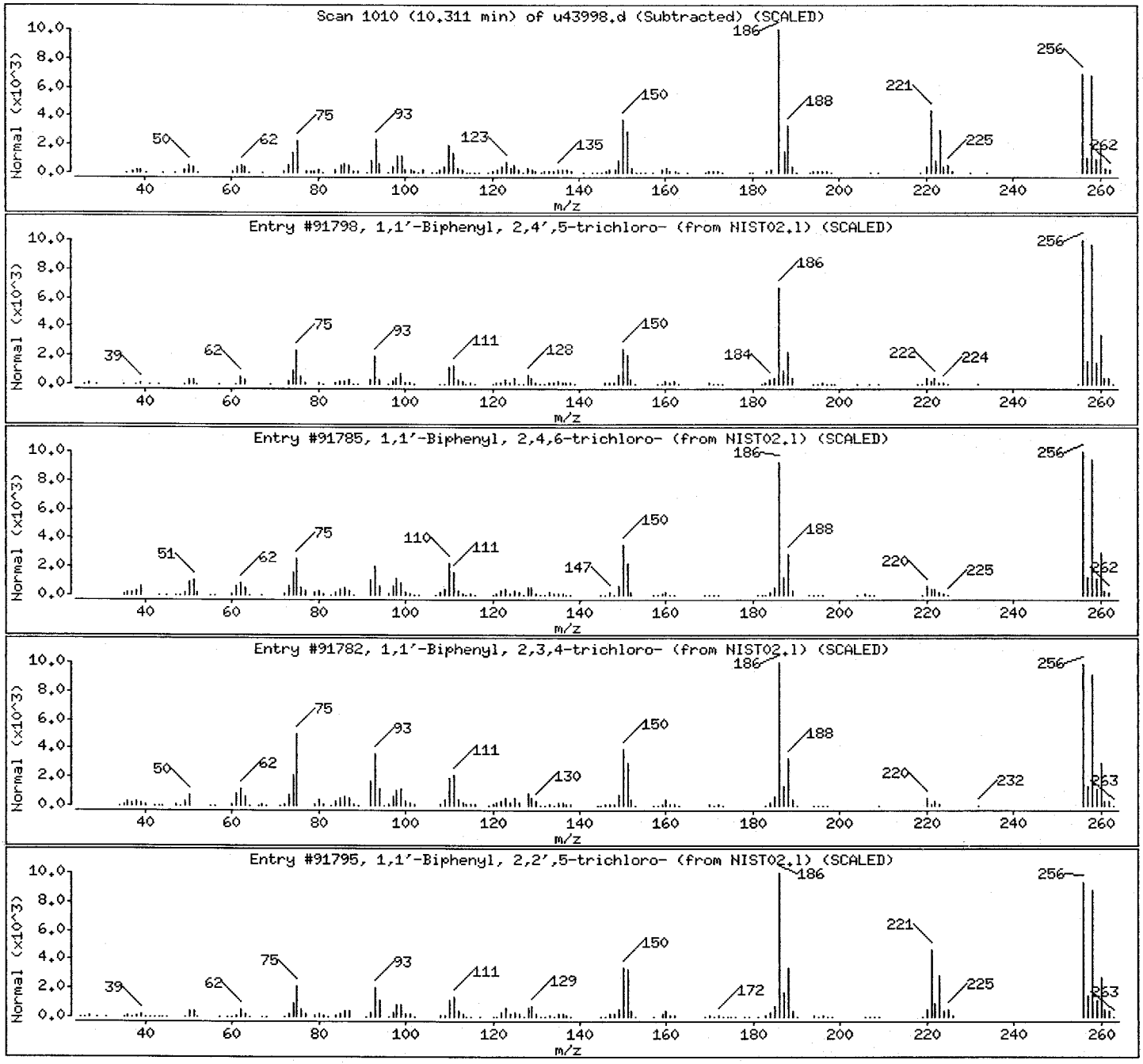
Date : 09-APR-2008 16:02

Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	98	C12H7Cl3	256
1,1'-Biphenyl, 2,2',5-trichloro-	37680-65-2	NIST02.l	91795	97	C12H7Cl3	256



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Date : 09-APR-2008 16:02

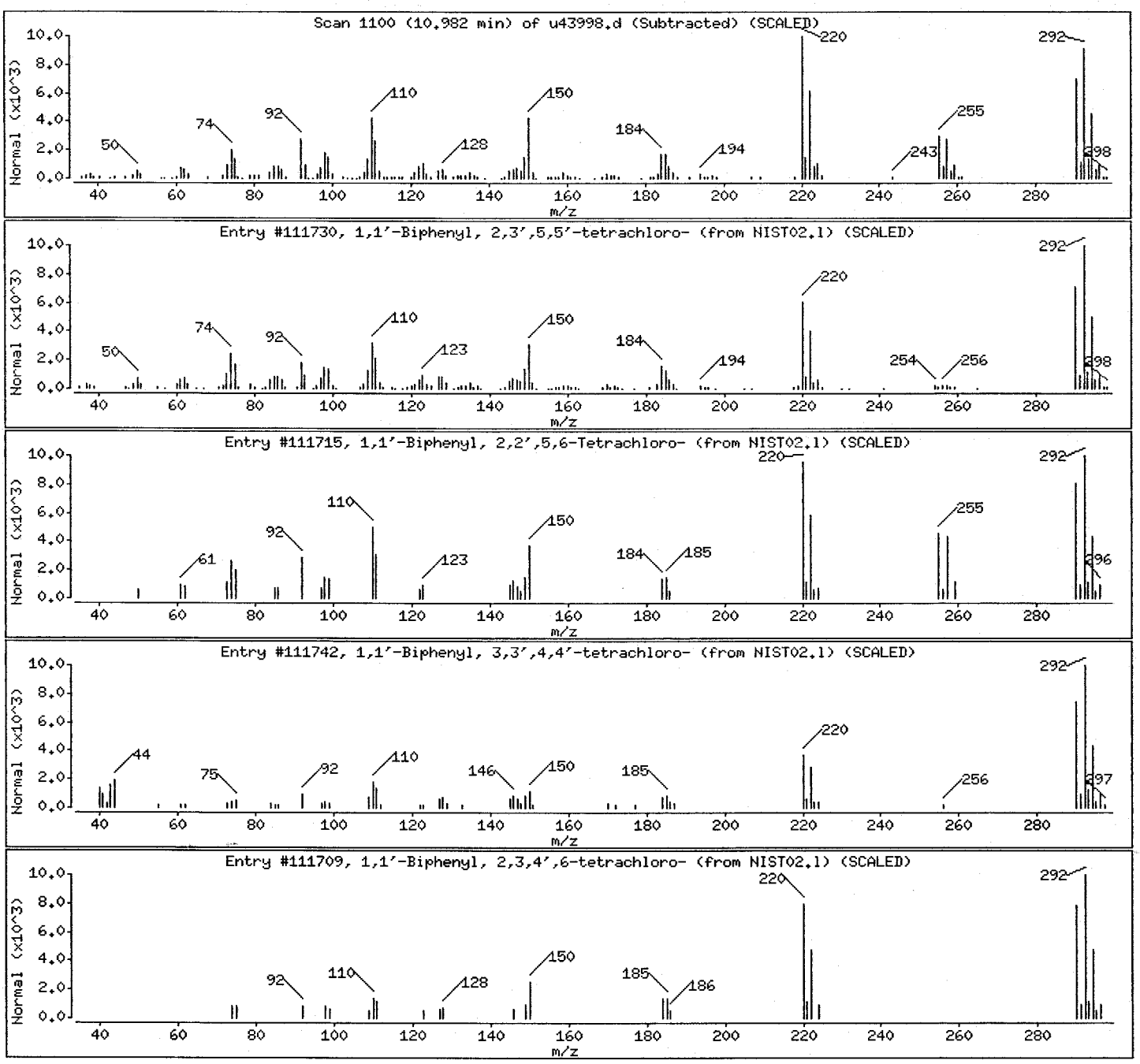
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	41464-41-9	NIST02.l	111715	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.l	111742	98	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.l	111709	98	C12H6Cl4	290



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Date : 09-APR-2008 16:02

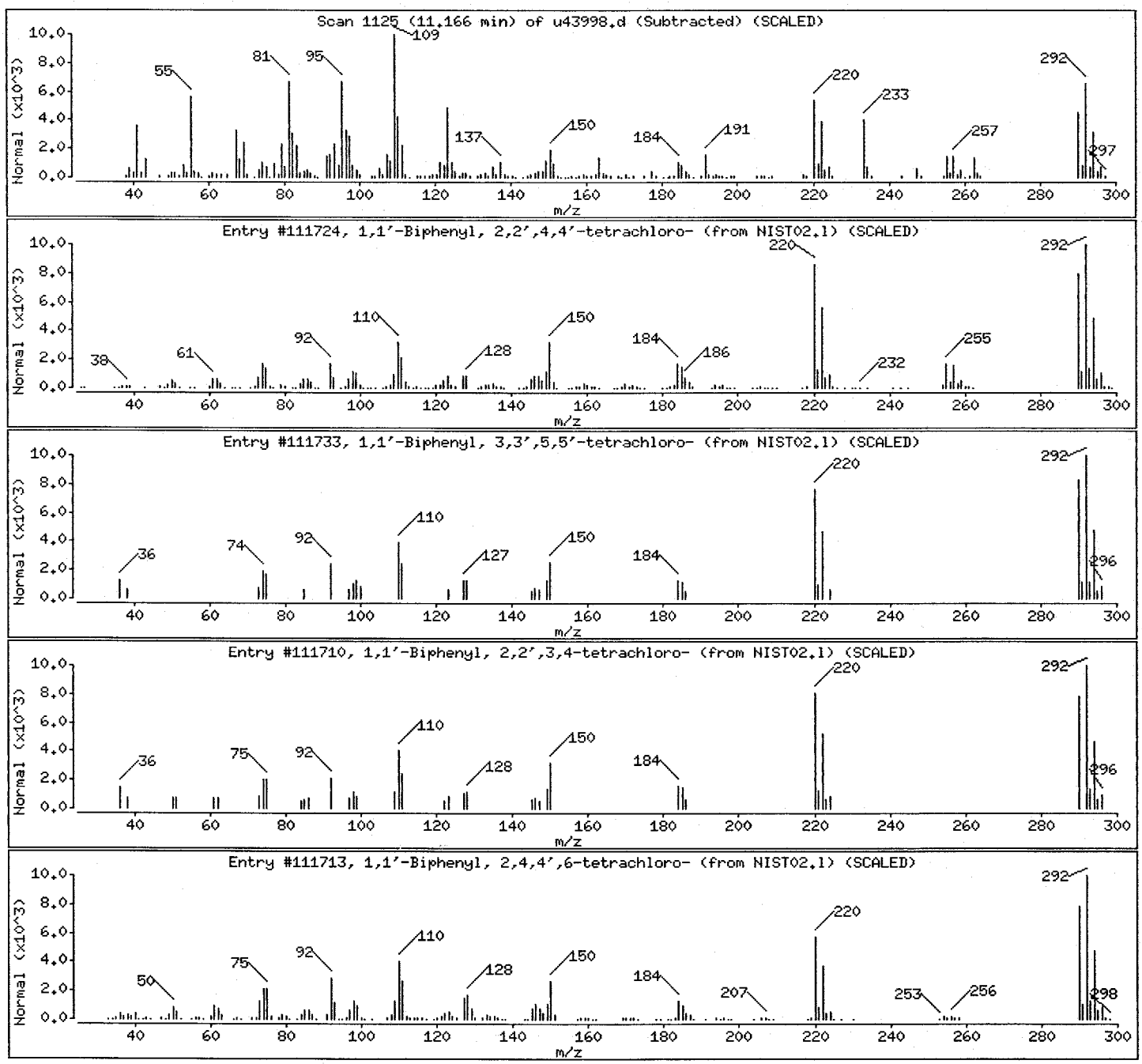
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.l	111724	97	C12H6Cl4	290
1,1'-Biphenyl, 3,3',5,5'-tetrachloro-	33284-52-5	NIST02.l	111733	89	C12H6Cl4	290
1,1'-Biphenyl, 2,2',3,4-tetrachloro-	52663-59-9	NIST02.l	111710	87	C12H6Cl4	290
1,1'-Biphenyl, 2,4,4',6-tetrachloro-	32598-12-2	NIST02.l	111713	86	C12H6Cl4	290



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Date : 09-APR-2008 16:02

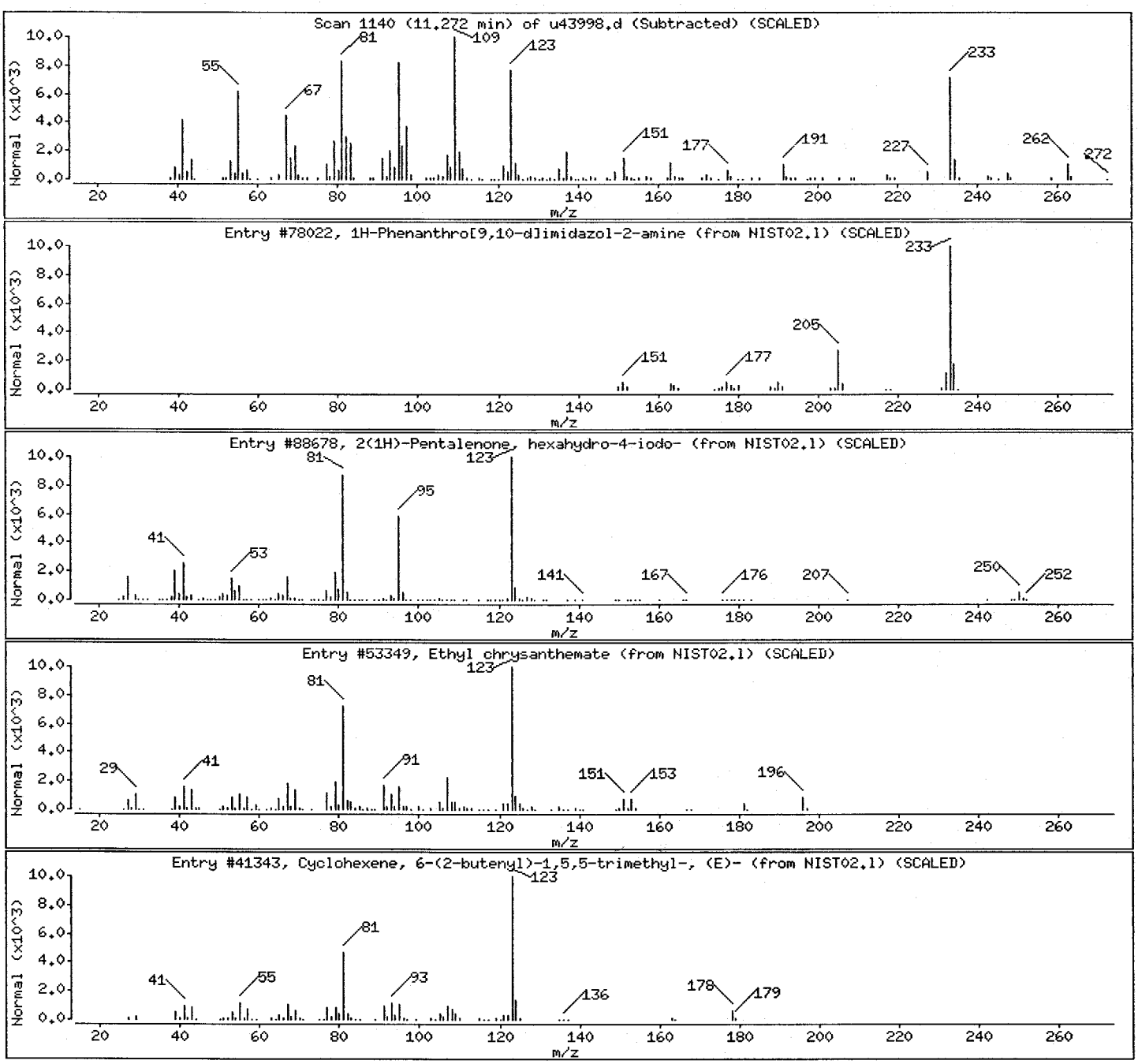
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1H-Phenanthro[9,10-d]imidazol-2-amine	37052-13-4	NIST02.l	78022	64	C15H11N3	233
2(1H)-Pentalenone, hexahydro-4-iodo-	77070-56-5	NIST02.l	88678	35	C8H11IO	250
Ethyl chrysanthemate	97-41-6	NIST02.l	53349	27	C12H2002	196
Cyclohexene, 6-(2-butenyl)-1,5,5-trimeth	53941-16-5	NIST02.l	41343	27	C13H22	178



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Date : 09-APR-2008 16:02

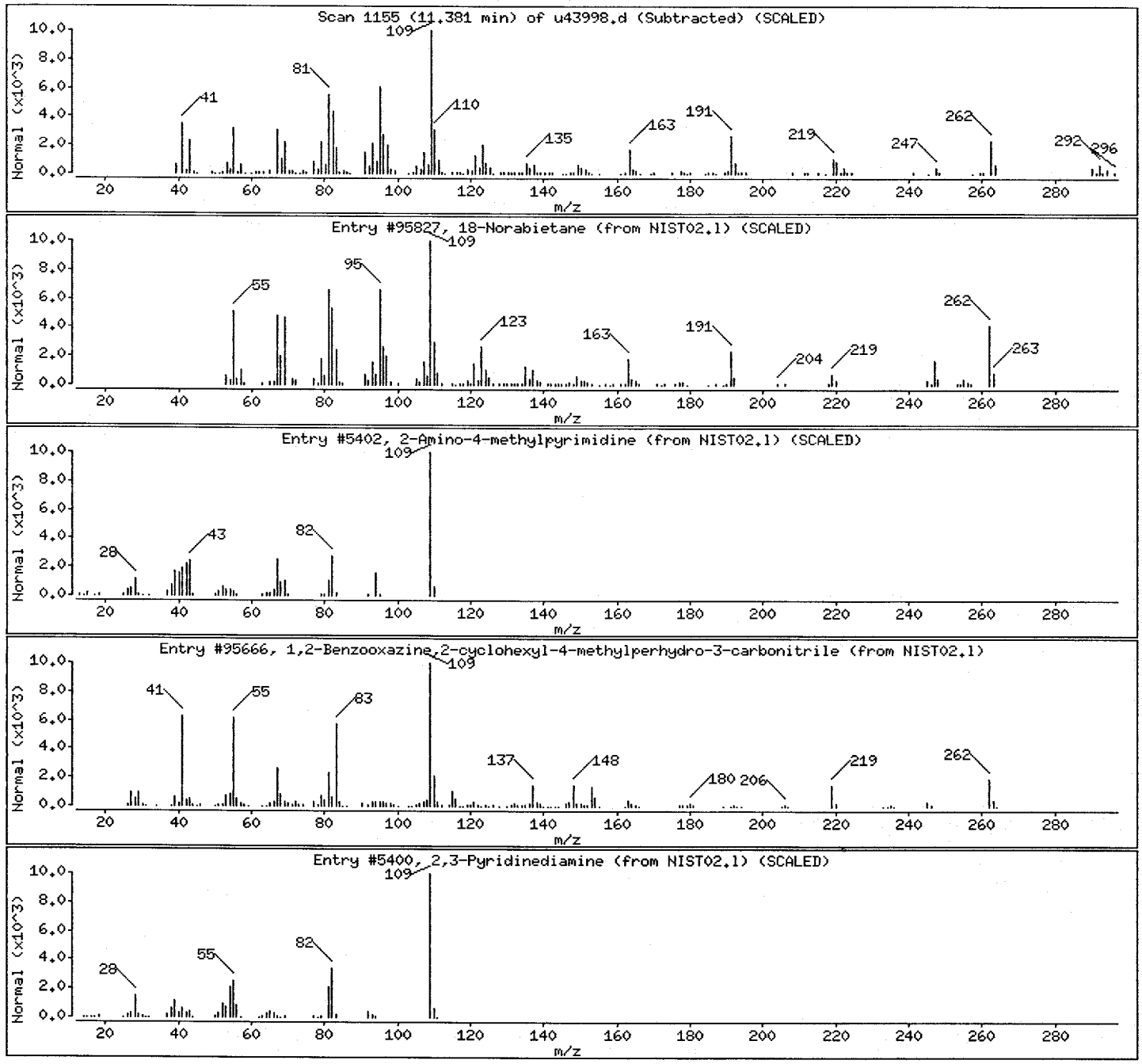
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
18-Norabietane	1000293-16-6	NIST02.l	95827	90	C19H34	262
2-Amino-4-methylpyrimidine	108-52-1	NIST02.l	5402	30	C5H7N3	109
1,2-Benzooxazine,2-cyclohexyl-4-methylpe	37898-39-8	NIST02.l	95666	30	C16H26N2O	262
2,3-Pyridinediamine	452-58-4	NIST02.l	5400	27	C5H7N3	109



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Date : 09-APR-2008 16:02

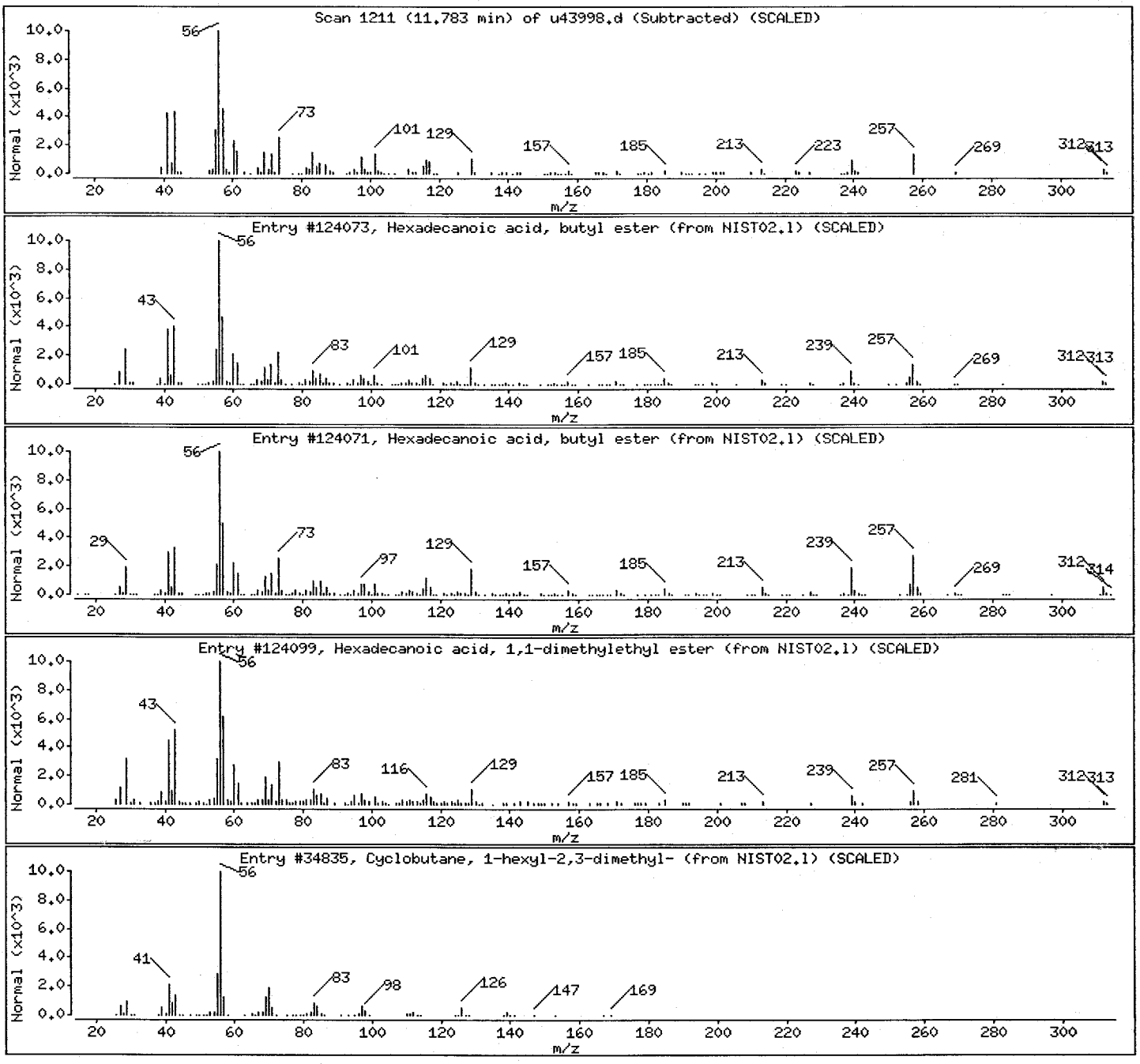
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexadecanoic acid, butyl ester	111-06-8	NIST02.l	124073	96	C20H4002	312
Hexadecanoic acid, butyl ester	111-06-8	NIST02.l	124071	93	C20H4002	312
Hexadecanoic acid, 1,1-dimethylethyl est	31158-91-5	NIST02.l	124099	64	C20H4002	312
Cyclobutane, 1-hexyl-2,3-dimethyl-	55170-84-8	NIST02.l	34835	35	C12H24	168



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Date : 09-APR-2008 16:02

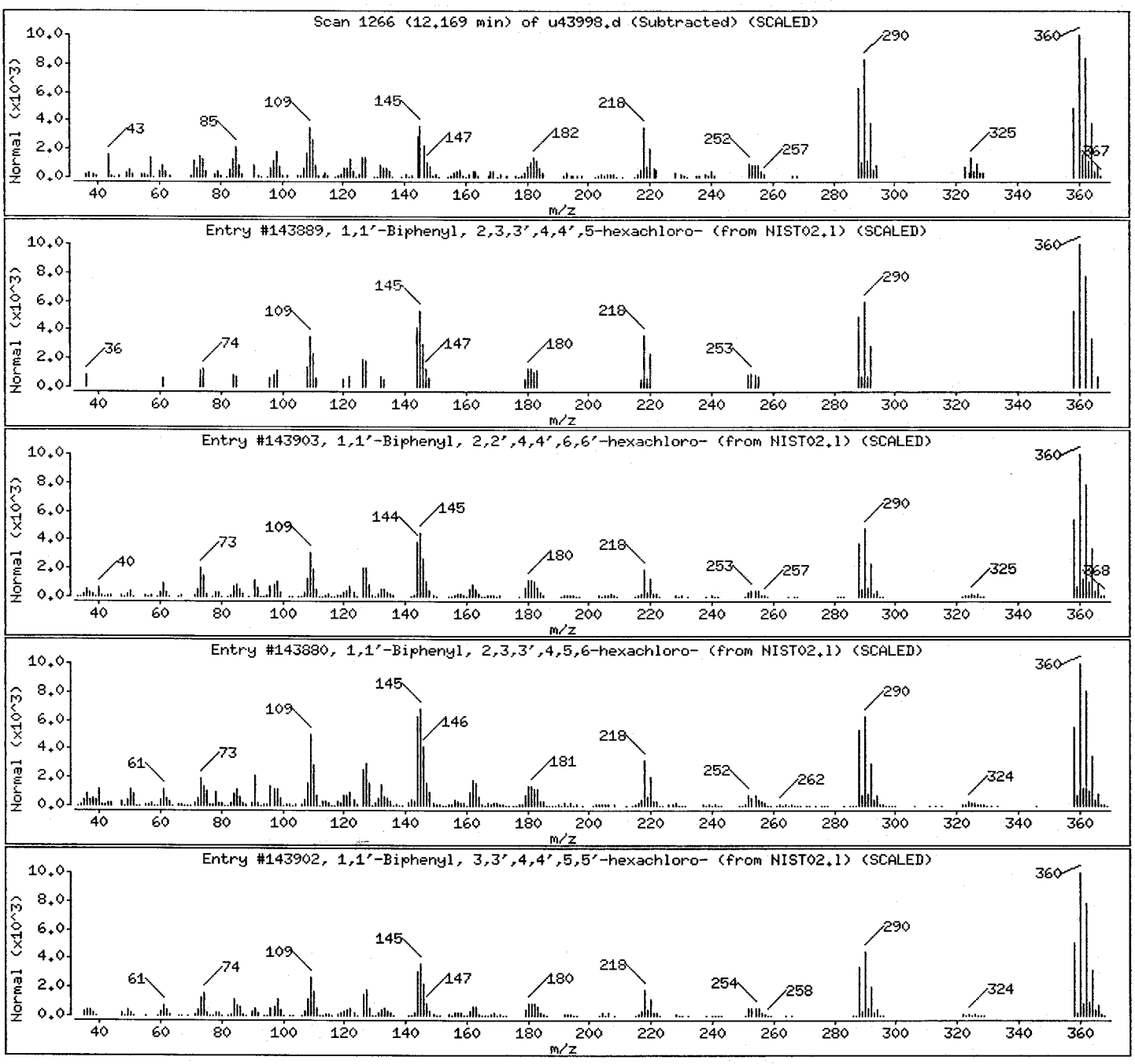
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143889	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	33979-03-2	NIST02.l	143903	98	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,5,6-hexachloro-	41411-62-5	NIST02.l	143880	98	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	96	C12H4Cl6	358



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Date : 09-APR-2008 16:02

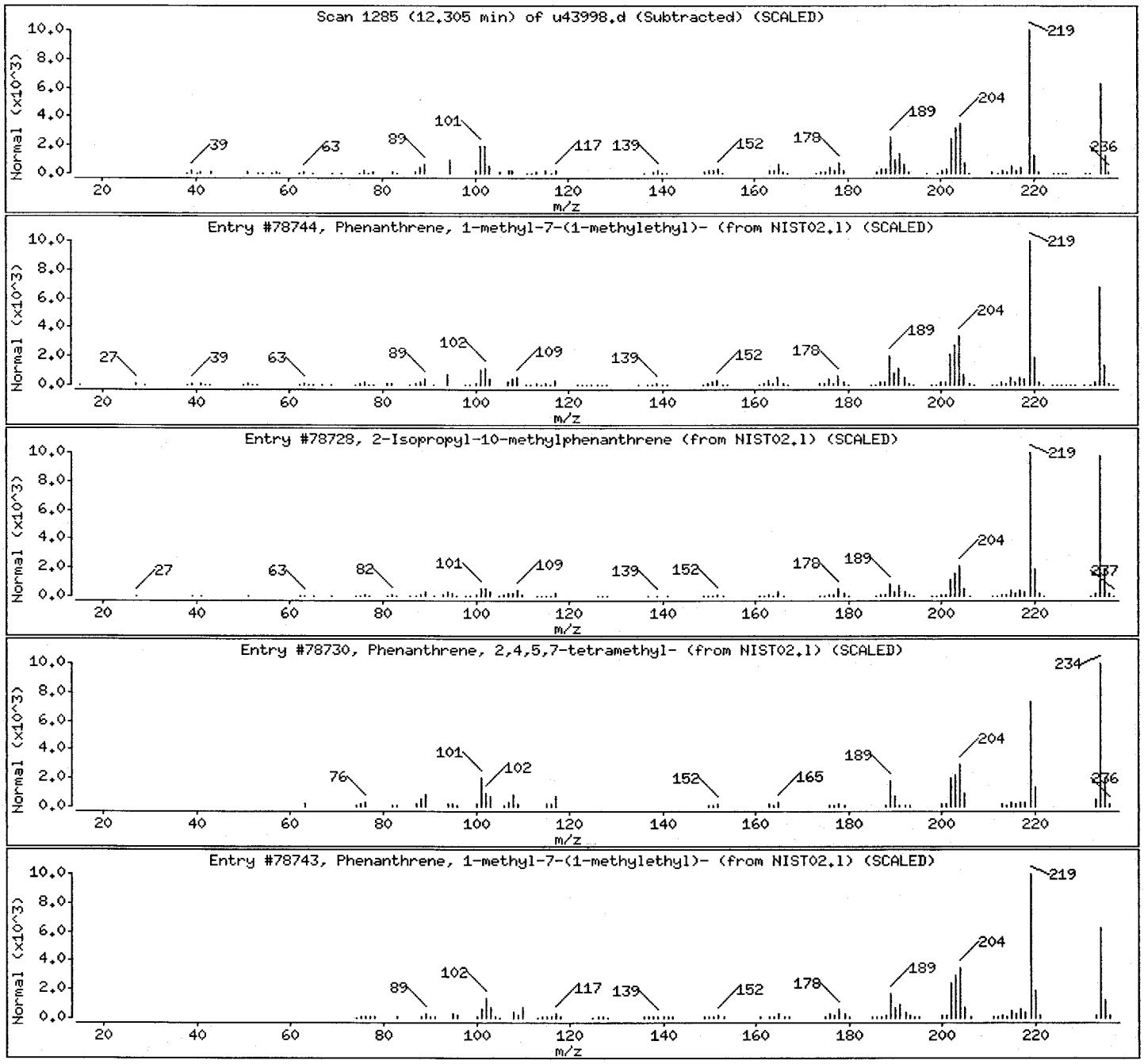
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 1-methyl-7-(1-methylethyl)	483-65-8	NIST02.l	78744	95	C18H18	234
2-Isopropyl-10-methylphenanthrene	66552-97-4	NIST02.l	78728	90	C18H18	234
Phenanthrene, 2,4,5,7-tetramethyl-	7396-38-5	NIST02.l	78730	90	C18H18	234
Phenanthrene, 1-methyl-7-(1-methylethyl)	483-65-8	NIST02.l	78743	81	C18H18	234



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Date : 09-APR-2008 16:02

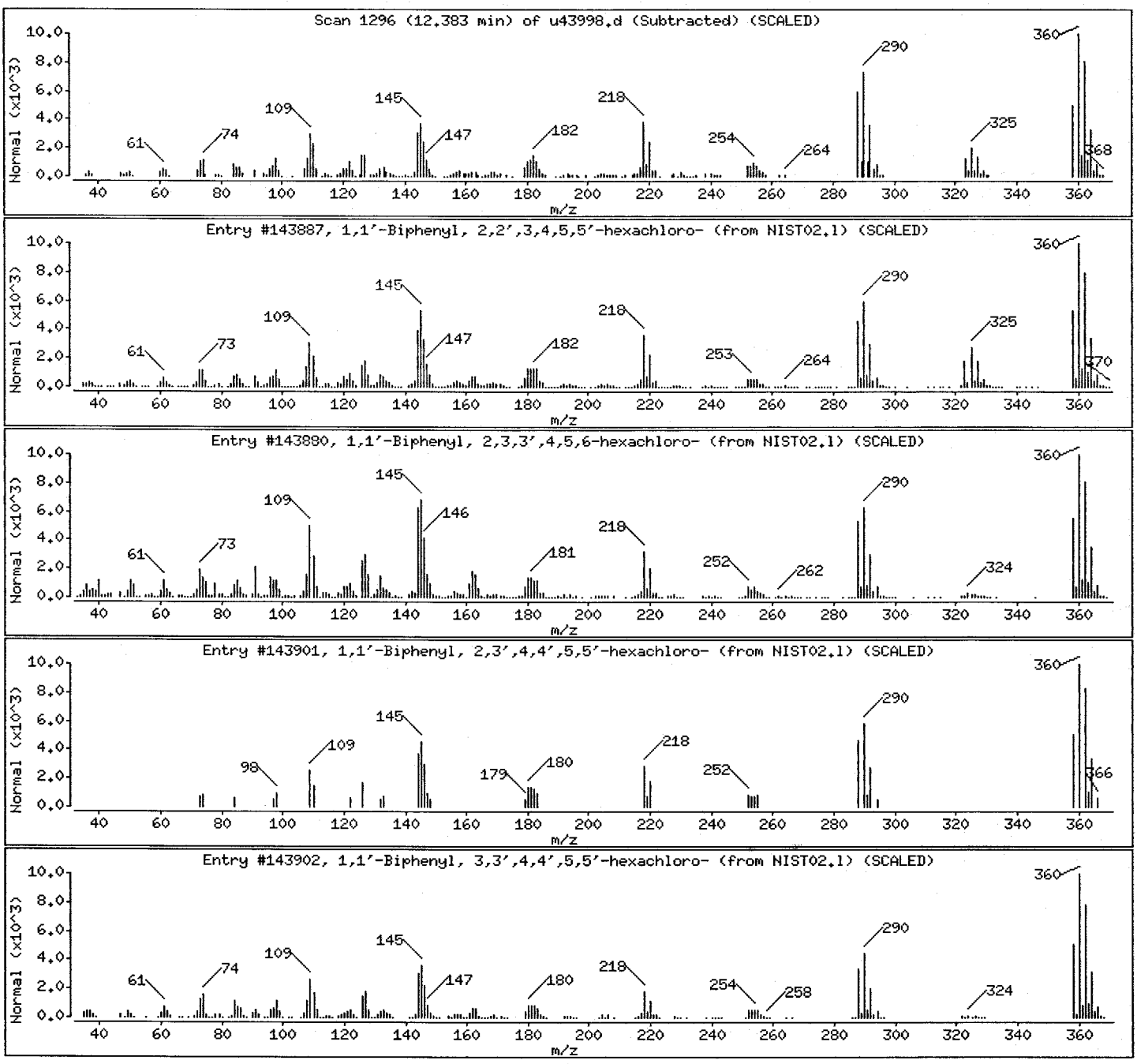
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,5,5'-hexachloro-	52712-04-6	NIST02.l	143887	99	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,5,6-hexachloro-	41411-62-5	NIST02.l	143880	99	C12H4Cl6	358
1,1'-Biphenyl, 2,3',4,4',5,5'-hexachloro	52663-72-6	NIST02.l	143901	99	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	99	C12H4Cl6	358



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Date : 09-APR-2008 16:02

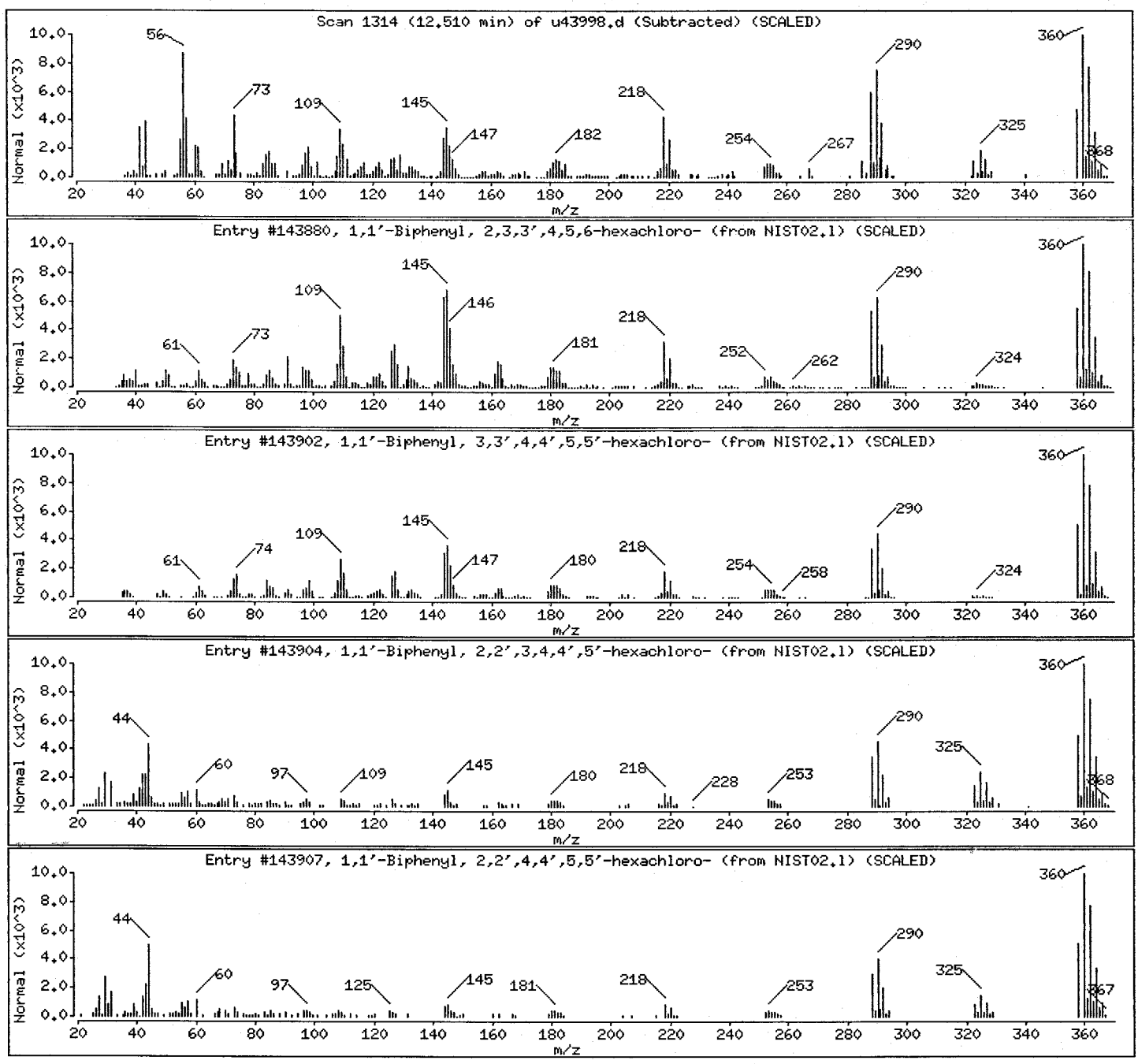
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,5,6-hexachloro-	41411-62-5	NIST02.l	143880	98	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	95	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	35065-27-1	NIST02.l	143907	95	C12H4Cl6	358



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43998.d

Date : 09-APR-2008 16:02

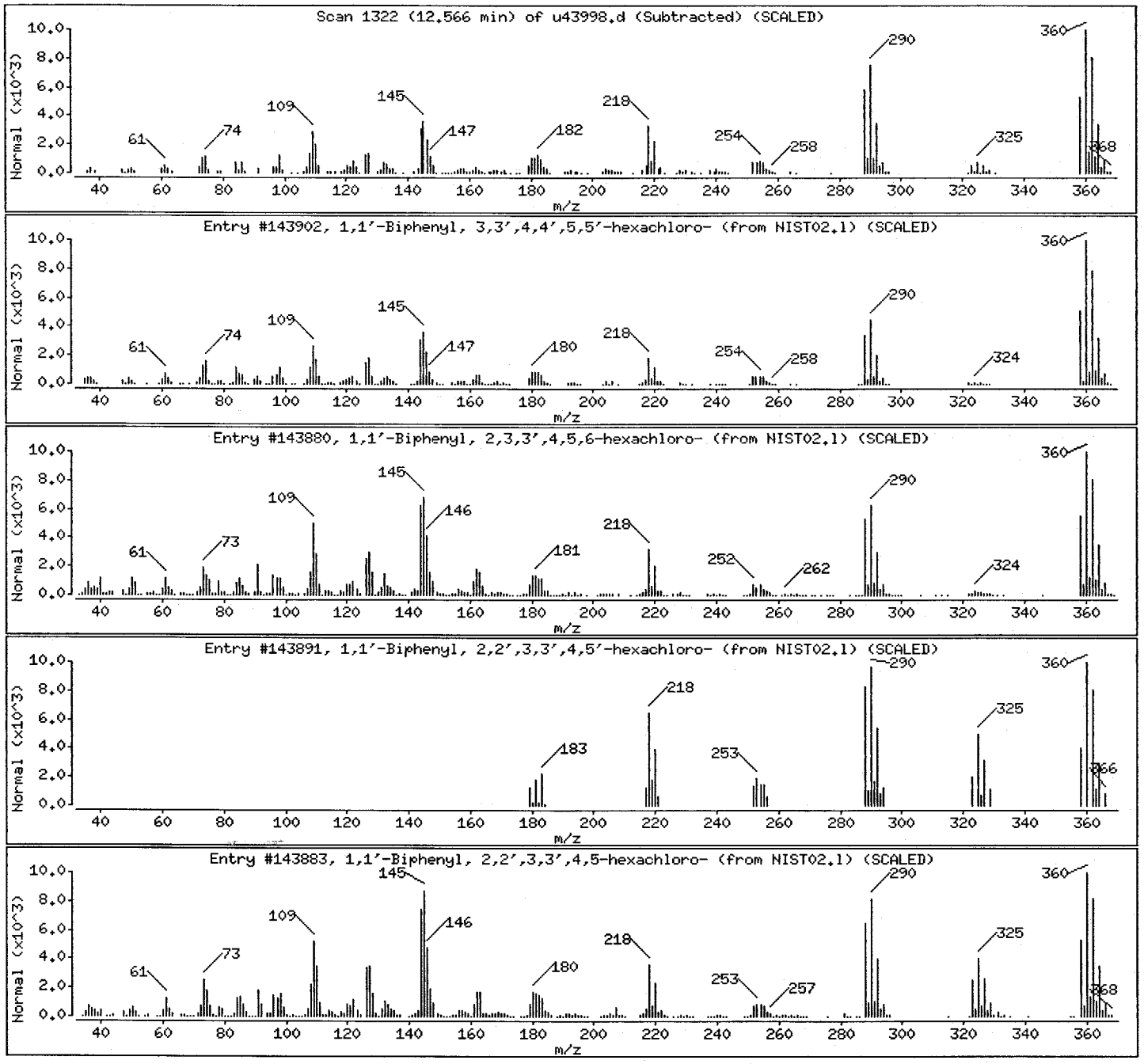
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	99	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,5,6-hexachloro-	41411-62-5	NIST02.l	143880	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,5'-hexachloro	52663-66-8	NIST02.l	143891	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,5-hexachloro-	55215-18-4	NIST02.l	143883	95	C12H4Cl6	358



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Date : 09-APR-2008 16:02

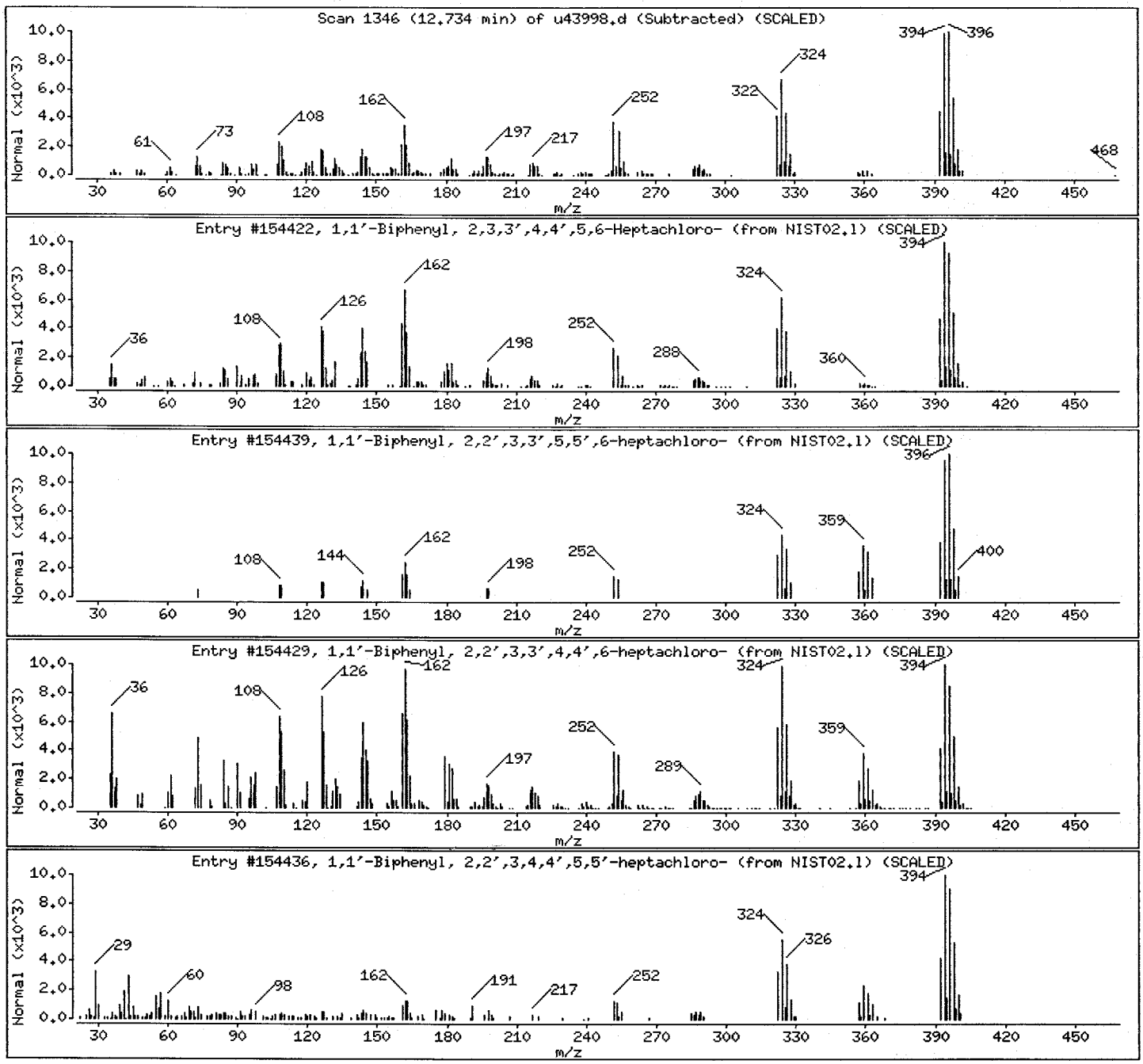
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,6-Heptachlo	41411-64-7	NIST02.l	154422	96	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	95	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,4',6-heptachl	52663-71-5	NIST02.l	154429	94	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,5'-heptachl	35065-29-3	NIST02.l	154436	93	C12H3Cl7	392



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Date : 09-APR-2008 16:02

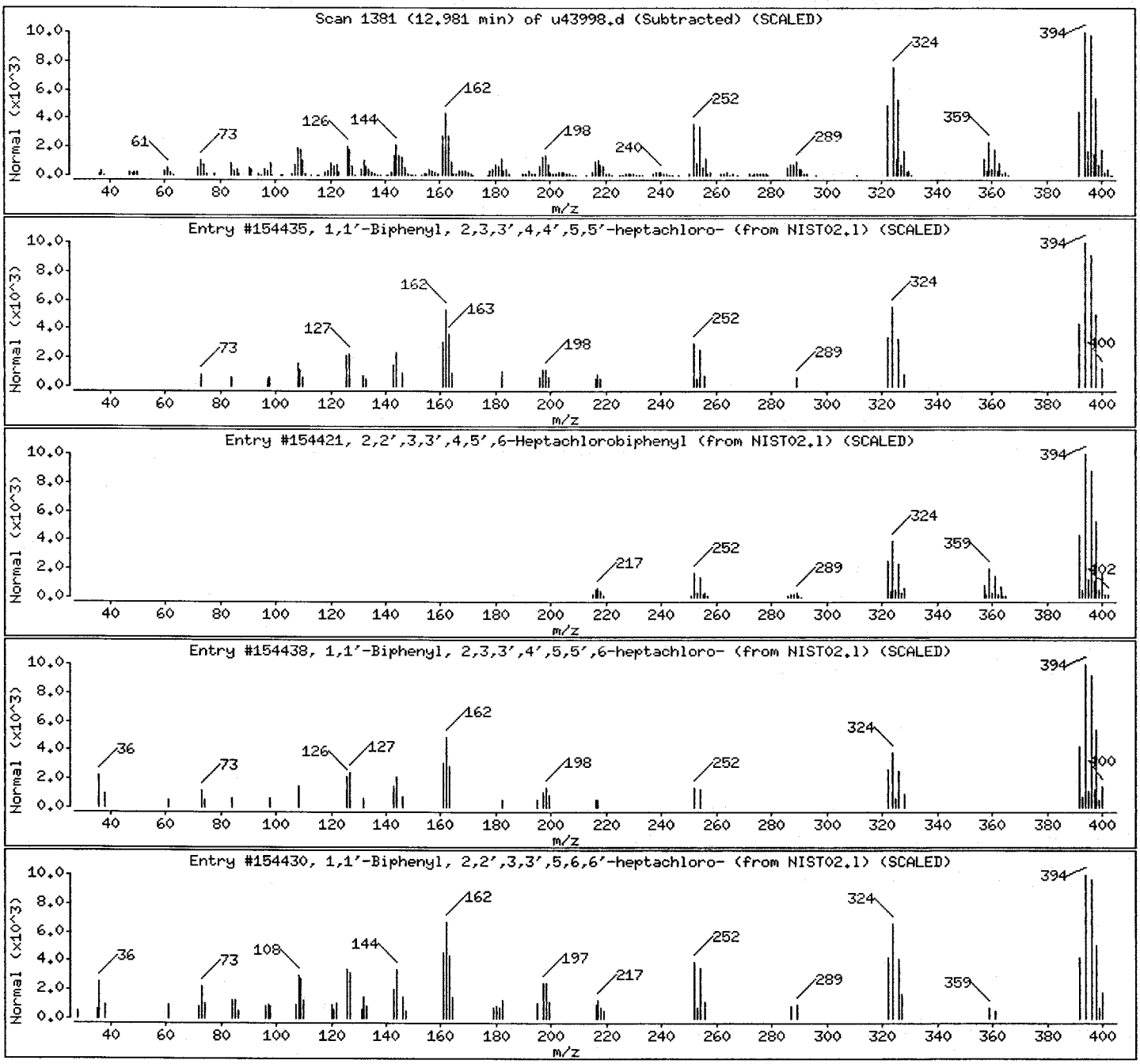
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,6,6'-heptachl	52663-64-6	NIST02.l	154430	96	C12H3Cl7	392



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Date : 09-APR-2008 16:02

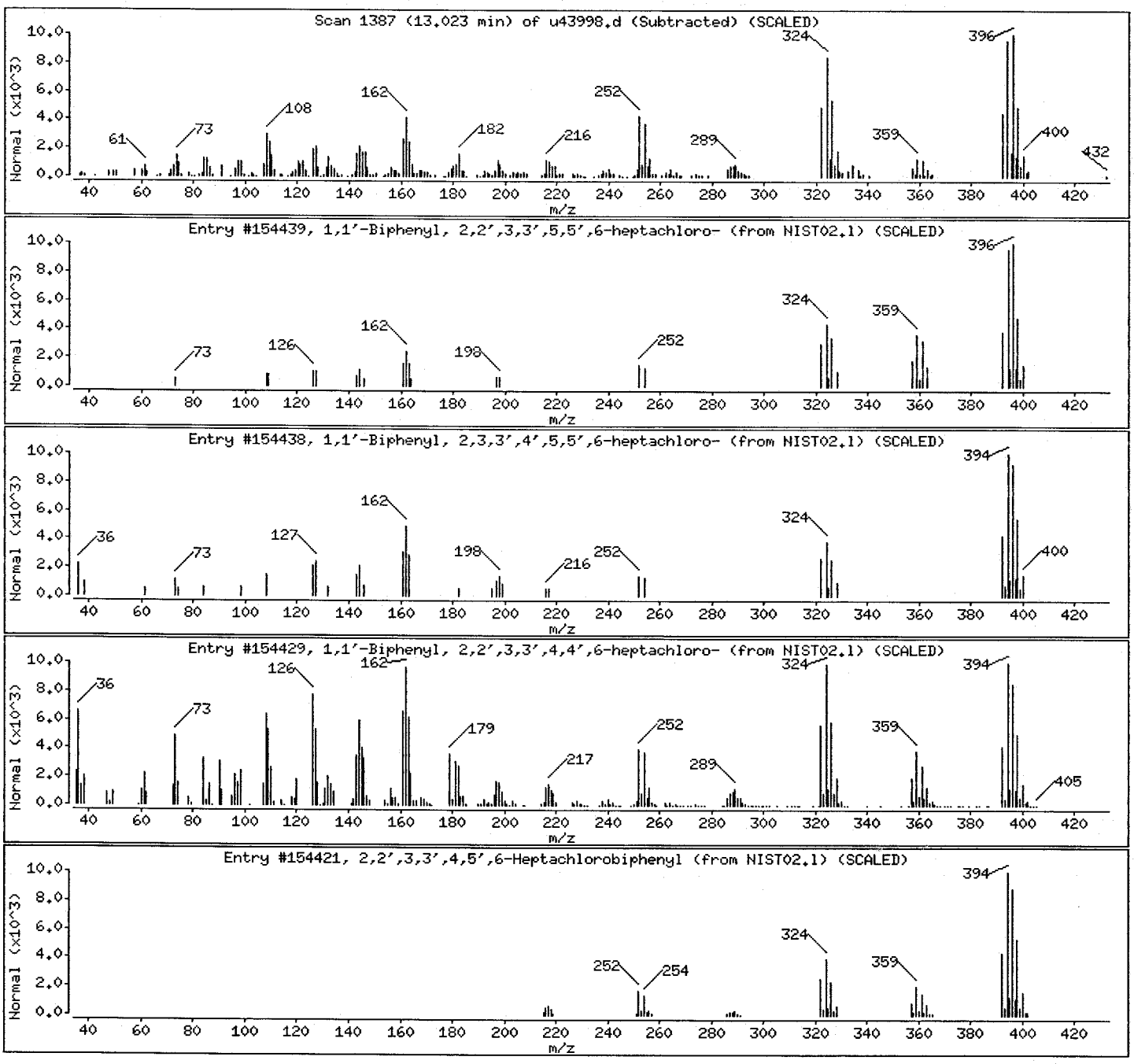
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	96	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	96	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,4',6-heptachl	52663-71-5	NIST02.l	154429	95	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	94	C12H3Cl7	392



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Date : 09-APR-2008 16:02

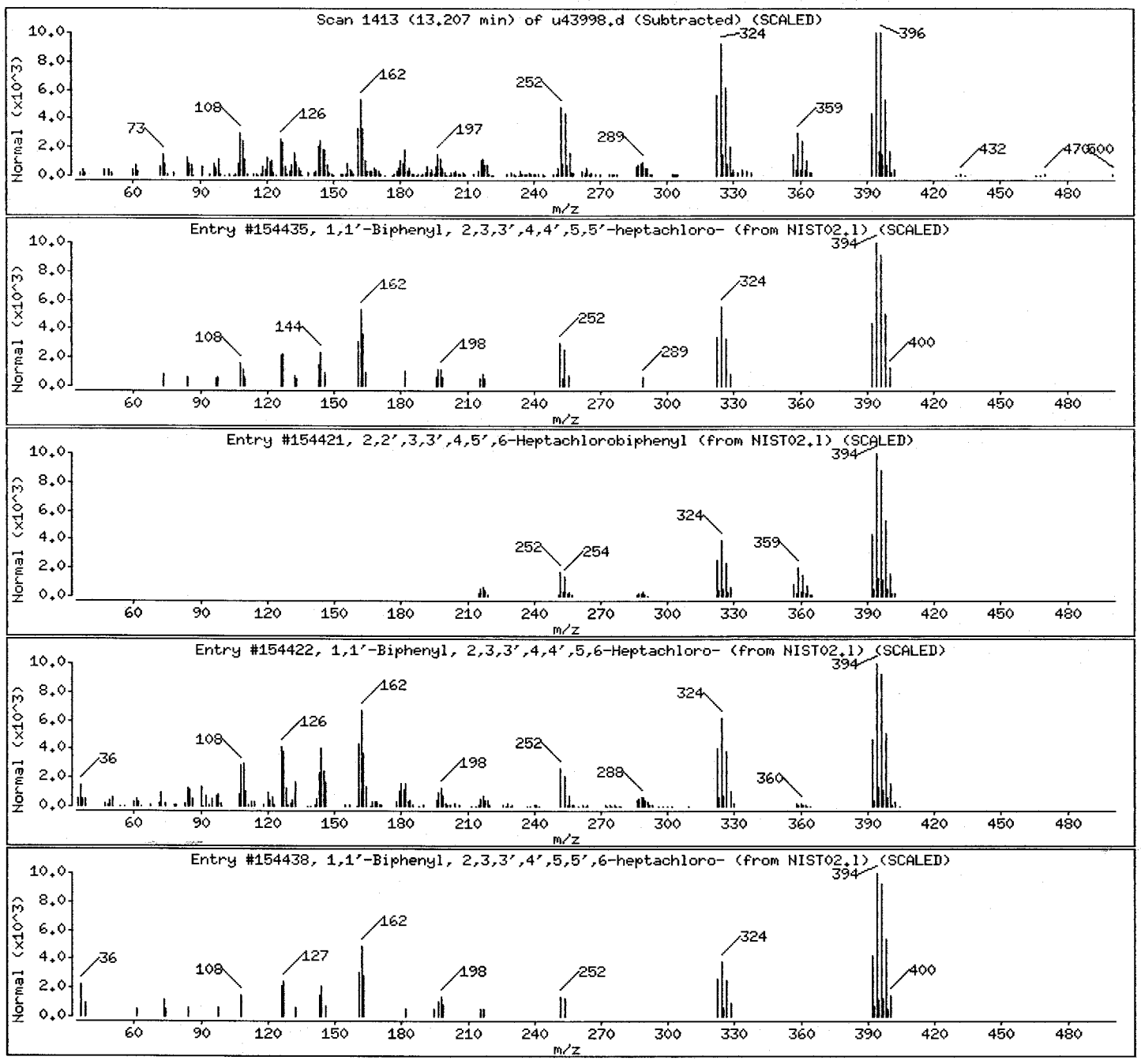
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4,4',5,6-Heptachlo	41411-64-7	NIST02.l	154422	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	97	C12H3Cl7	392



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Date : 09-APR-2008 16:02

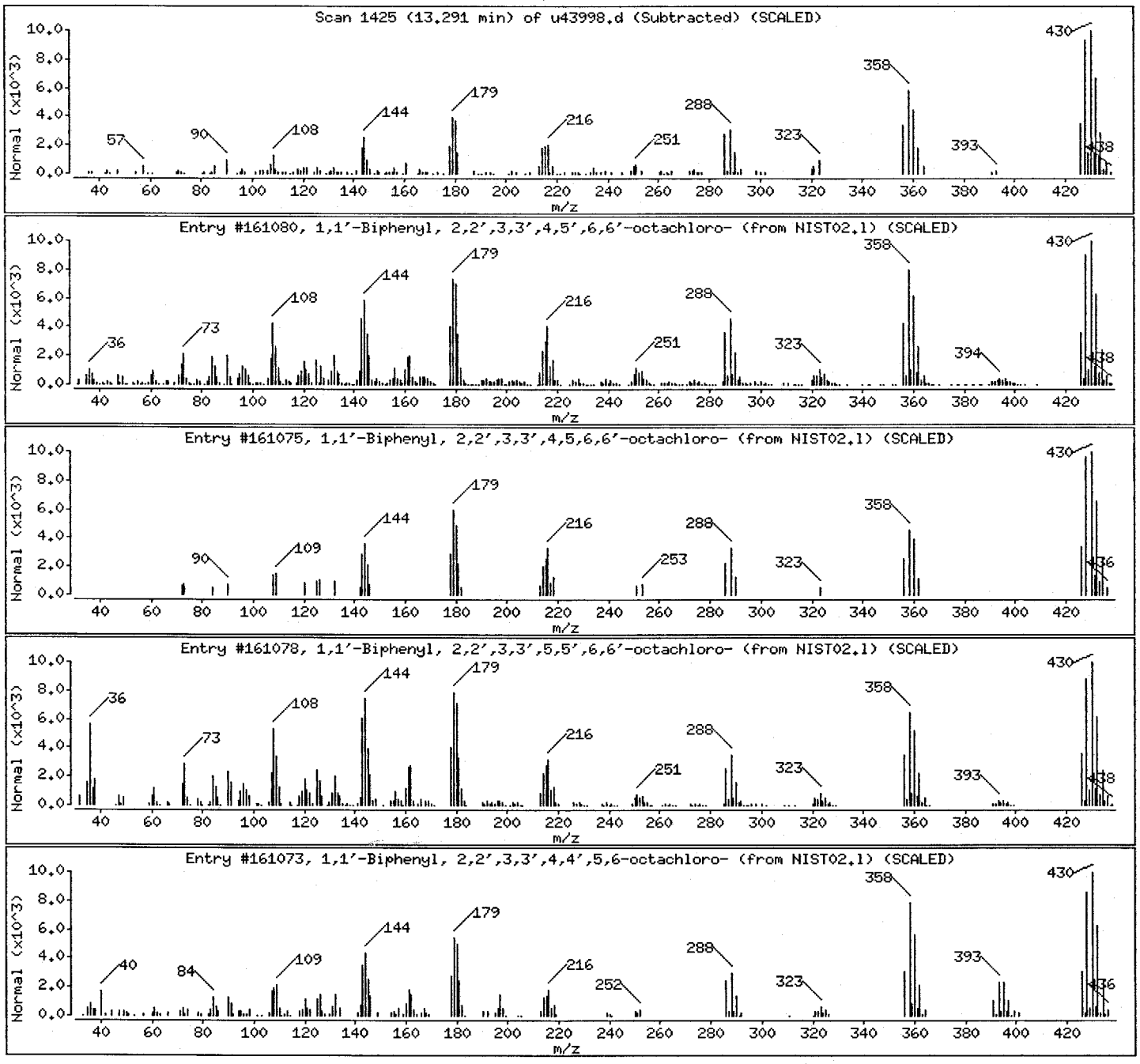
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	98	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	96	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	94	C12H2Cl8	426



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Date : 09-APR-2008 16:02

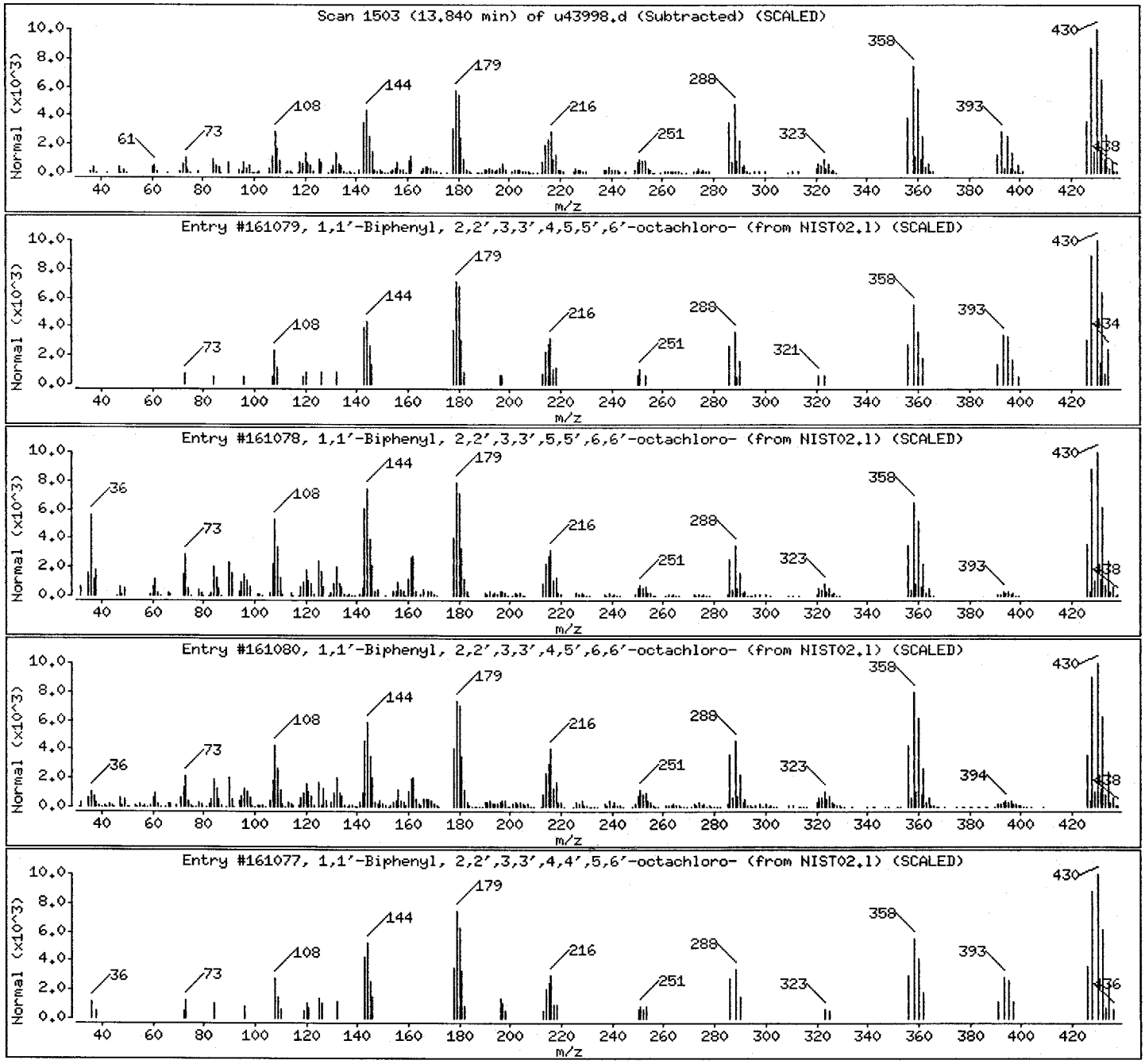
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	96	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	94	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	93	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	68	C12H2Cl8	426



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Date : 09-APR-2008 16:02

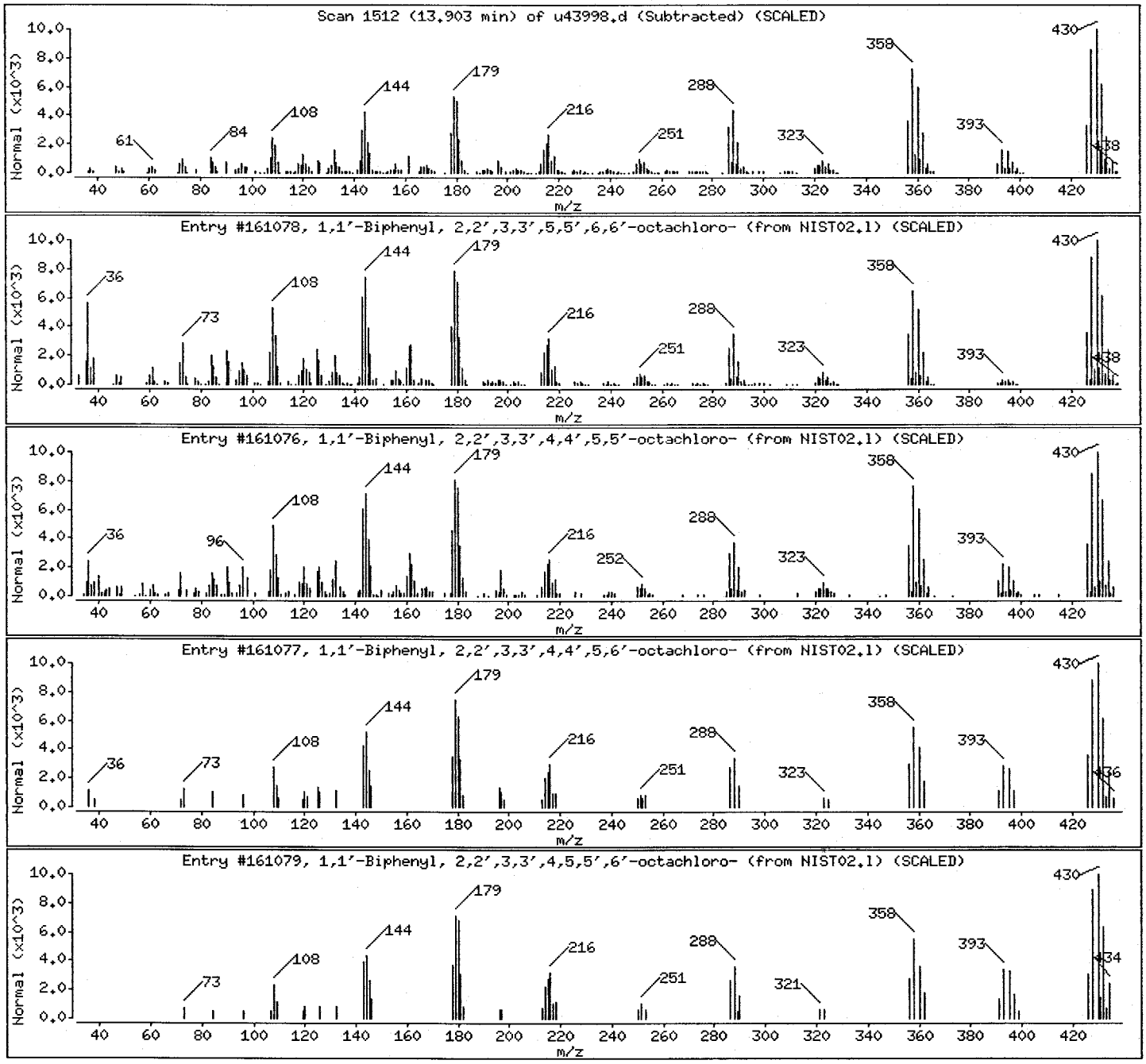
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	91	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161076	91	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	87	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	83	C12H2C18	426



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Date : 09-APR-2008 16:02

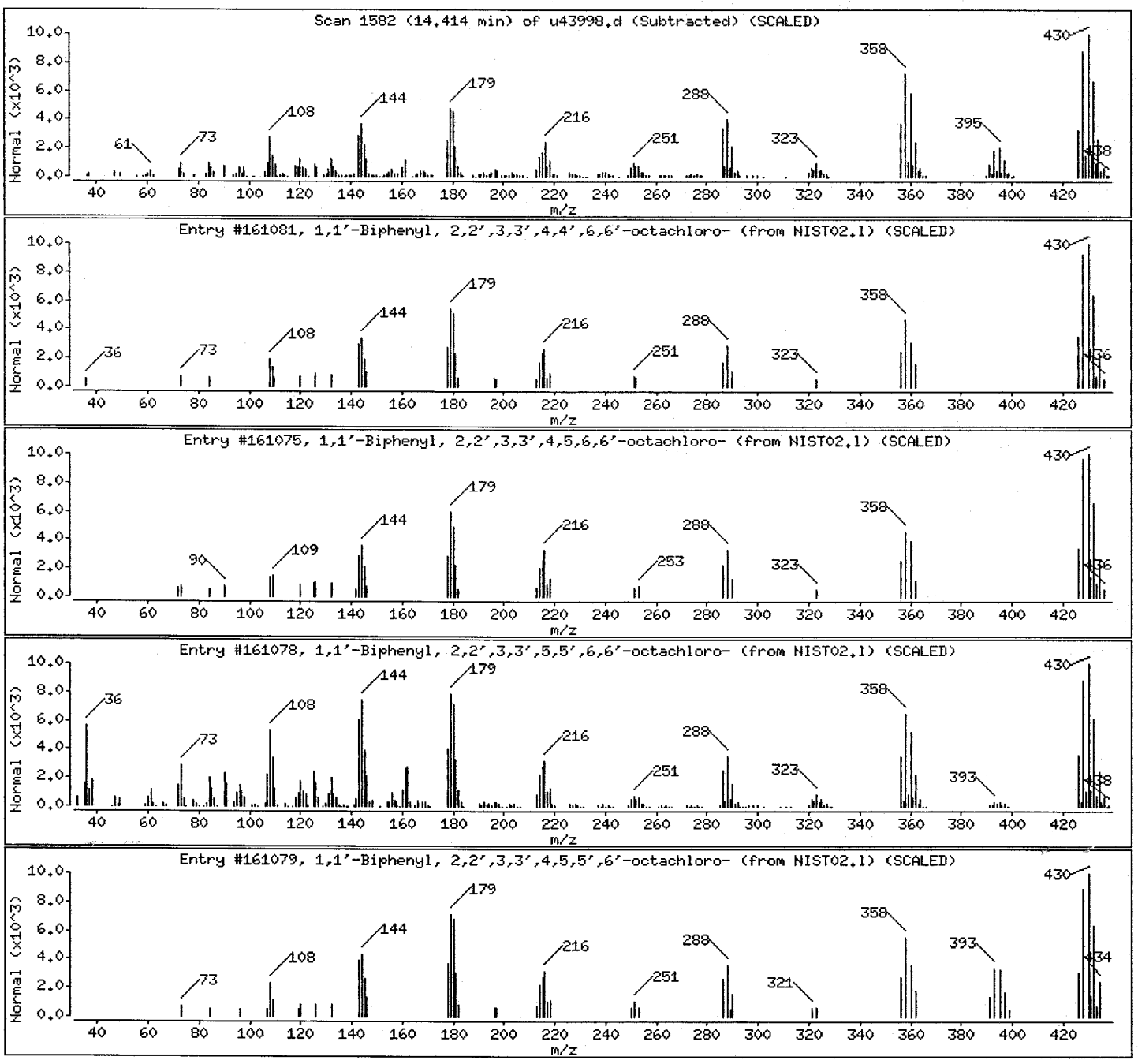
Client ID: 032508-1805 Instrument: BNAMS4.i

Sample Info: 908696;4225896

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	93	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	89	C12H2Cl8	426



Client ID: **032608-0900**
Site: BP Hastings

Lab Sample No: **908697**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34088.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 21

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	420
2-Chlorophenol	ND	420
2-Methylphenol	ND	420
4-Methylphenol	13 J	420
2-Nitrophenol	ND	420
2,4-Dimethylphenol	ND	420
2,4-Dichlorophenol	ND	420
4-Chloro-3-methylphenol	ND	420
2,4,6-Trichlorophenol	ND	420
2,4,5-Trichlorophenol	ND	420
2,4-Dinitrophenol	ND	1300
4-Nitrophenol	ND	1300
4,6-Dinitro-2-methylphenol	ND	1300
Pentachlorophenol	ND	1300

Client ID: **032608-0900**
Site: BP Hastings

Lab Sample No: **908697**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34088.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 21

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	42
1,3-Dichlorobenzene	ND	420
1,4-Dichlorobenzene	ND	420
1,2-Dichlorobenzene	ND	420
bis(2-chloroisopropyl)ether	ND	420
N-Nitroso-di-n-propylamine	ND	42
Hexachloroethane	ND	42
Nitrobenzene	ND	42
Isophorone	ND	420
bis(2-Chloroethoxy)methane	ND	420
1,2,4-Trichlorobenzene	ND	42
Naphthalene	62 J	420
4-Chloroaniline	ND	420
Hexachlorobutadiene	ND	84
2-Methylnaphthalene	ND	420
Hexachlorocyclopentadiene	ND	420
2-Chloronaphthalene	ND	420
2-Nitroaniline	ND	840
Dimethylphthalate	ND	420
Acenaphthylene	ND	420
2,6-Dinitrotoluene	ND	84
3-Nitroaniline	ND	840
Acenaphthene	18 J	420
Dibenzofuran	8.5J	420
2,4-Dinitrotoluene	ND	84
Diethylphthalate	ND	420
4-Chlorophenyl-phenylether	ND	420
Fluorene	20 J	420
4-Nitroaniline	ND	840
N-Nitrosodiphenylamine	ND	420
4-Bromophenyl-phenylether	ND	420
Hexachlorobenzene	ND	42
Phenanthrene	180 J	420
Anthracene	47 J	420

Client ID: **032608-0900**
Site: BP Hastings

Lab Sample No: **908697**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34088.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 21

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	13 J	420
Di-n-butylphthalate	ND	420
Fluoranthene	220 J	420
Pyrene	220 J	420
Butylbenzylphthalate	ND	420
3,3'-Dichlorobenzidine	ND	840
Benzo(a)anthracene	110	42
Chrysene	130 J	420
bis(2-Ethylhexyl)phthalate	ND	420
Di-n-octylphthalate	ND	420
Benzo(b)fluoranthene	77	42
Benzo(k)fluoranthene	82	42
Benzo(a)pyrene	95	42
Indeno(1,2,3-cd)pyrene	51	42
Dibenz(a,h)anthracene	21 J	42
Benzo(g,h,i)perylene	58 J	420

Client ID: **032608-0900**
Site: BP Hastings

Lab Sample No: **908697**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34088.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 20.9

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Hexachloro-1,1'-biphenyl isomer	12.38	570	
2. Hexachloro-1,1'-biphenyl isomer	12.57	620	
3. Heptachloro-1,1'-biphenyl isomer	12.98	1200	
4. Heptachloro-1,1'-biphenyl isomer	13.03	440	
5. Heptachloro-1,1'-biphenyl isomer	13.22	520	
6. Octachloro-1,1'-biphenyl isomer	13.30	360	
7. Octachloro-1,1'-biphenyl isomer	13.85	980	
8. Octachloro-1,1'-biphenyl isomer	13.91	1100	
9. Octachloro-1,1'-biphenyl isomer	14.43	740	
10. Nonylchloro-1,1'-biphenyl isomer	14.86	600	
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
TOTAL ESTIMATED CONCENTRATION		7130	

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d
Report Date: 10-Apr-2008 20:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d
Lab Smp Id: 908697 Client Smp ID: 032608-0900
Inj Date : 08-APR-2008 11:15
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : 908697;4225897
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS6.i/8270/04-02-08/08apr08.b/8270C_08.m
Meth Date : 09-Apr-2008 09:19 monica Quant Type: ISTD
Cal Date : 02-APR-2008 22:21 Cal File: m33969.d
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50

WB

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	20.90000	% Moisture

Cpnd Variable Local Compound Variable

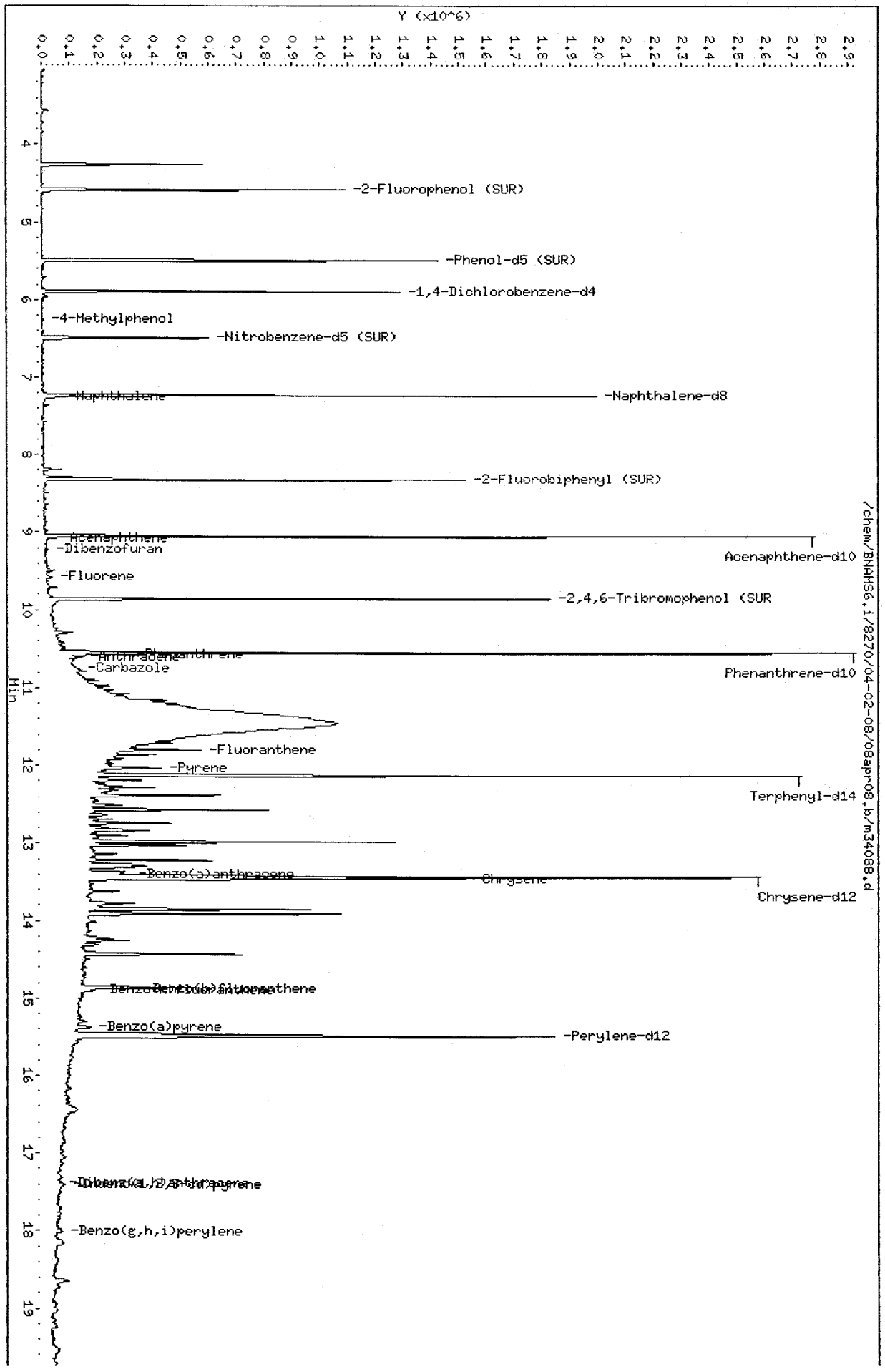
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.590	4.578	(0.778)	398471	51.5646	4300
$ 17 Phenol-d5 (SUR)	99	5.493	5.497	(0.932)	527366	51.3711	4300
* 79 1,4-Dichlorobenzene-d4	152	5.896	5.891	(1.000)	247905	40.0000	
4 4-Methylphenol	108	6.268	6.281	(1.063)	1308	0.15479	13(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.490	6.502	(0.897)	210155	23.9143	2000
* 80 Naphthalene-d8	136	7.231	7.228	(1.000)	1023005	40.0000	
31 Naphthalene	128	7.254	7.251	(1.003)	18608	0.73582	62(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.318	8.322	(0.919)	488779	23.0787	1900
* 82 Acenaphthene-d10	164	9.052	9.053	(1.000)	714490	40.0000	
42 Acenaphthene	154	9.082	9.083	(1.003)	4072	0.20770	18(a)
43 Dibenzofuran	168	9.237	9.240	(1.020)	2817	0.10046	8.5(a)
47 Fluorene	166	9.589	9.588	(1.059)	5301	0.24035	20(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.860	9.854	(1.089)	252907	58.6854	4900
* 83 Phenanthrene-d10	188	10.548	10.549	(1.000)	1167322	40.0000	

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d
Report Date: 10-Apr-2008 20:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	52 Phenanthrene	178	10.571	10.571	(1.002)	74612	2.11459	180(a)
	53 Anthracene	178	10.614	10.623	(1.006)	19589	0.55420	47(a)
	54 Carbazole	167	10.759	10.763	(1.020)	5137	0.15741	13(a)
	56 Fluoranthene	202	11.795	11.782	(1.118)	90935	2.61222	220(a)
	57 Pyrene	202	12.031	12.032	(0.896)	89215	2.55252	220(a)
$	78 Terphenyl-d14	244	12.121	12.119	(0.903)	823176	31.0708	2600
	61 Benzo(a)anthracene	228	13.401	13.402	(0.998)	41141	1.27064	110
*	81 Chrysene-d12	240	13.429	13.429	(1.000)	1265165	40.0000	
	62 Chrysene	228	13.457	13.464	(1.002)	45619	1.55573	130(a)
	65 Benzo(b)fluoranthene	252	14.876	14.893	(0.960)	35216	0.91588	77(H)
	66 Benzo(k)fluoranthene	252	14.903	14.929	(0.962)	33037	0.97424	82
	67 Benzo(a)pyrene	252	15.381	15.399	(0.993)	34878	1.12715	95
*	84 Perylene-d12	264	15.492	15.487	(1.000)	1092467	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.410	17.463	(1.124)	18439	0.60446	51
	69 Dibenz(a,h)anthracene	278	17.388	17.450	(1.122)	6491	0.24911	21(a)
	70 Benzo(g,h,i)perylene	276	18.006	18.055	(1.162)	17058	0.69185	58(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.


Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-4-Methylphenol
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)
-Dibenzofuran
Acenaphthene-d10
-Fluorene
-2,4,6-Tribromophenol (SUR
-Carbazole
Phenanthrene-d10
-Fluoranthene
-Pyrene
Terphenyl-d14
-Benzo(a)anthracene
Chrysene-d12
-Benzo(a)pyrene
-Perylene-d12
-Benzo(g,h,i)perylene
Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d
Date : 08-APR-2008 11:15
Client ID: 032603-0900
Sample Info: 908697;4225897
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

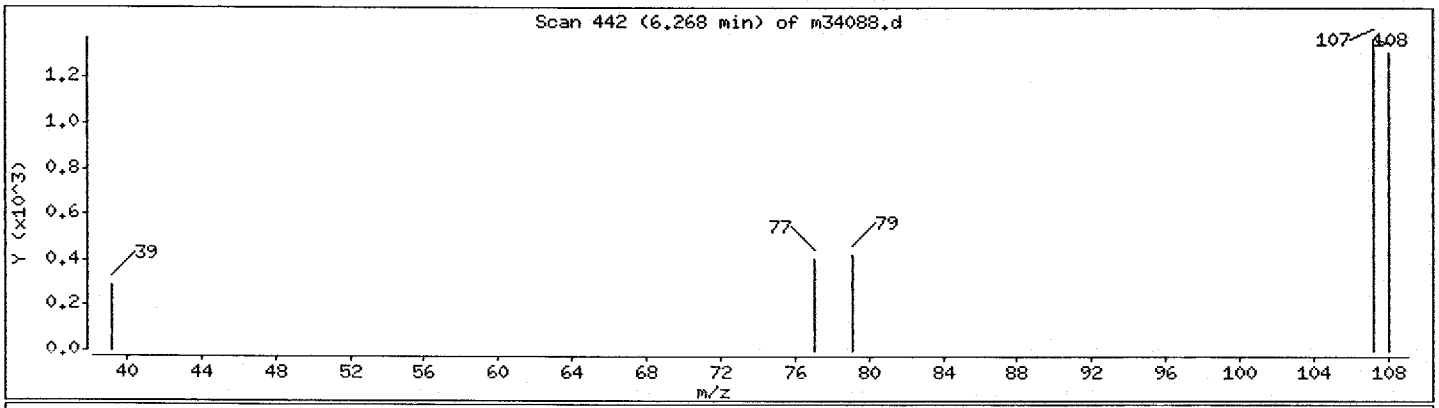
Client ID: 032608-0900 Instrument: BNAMS6.i

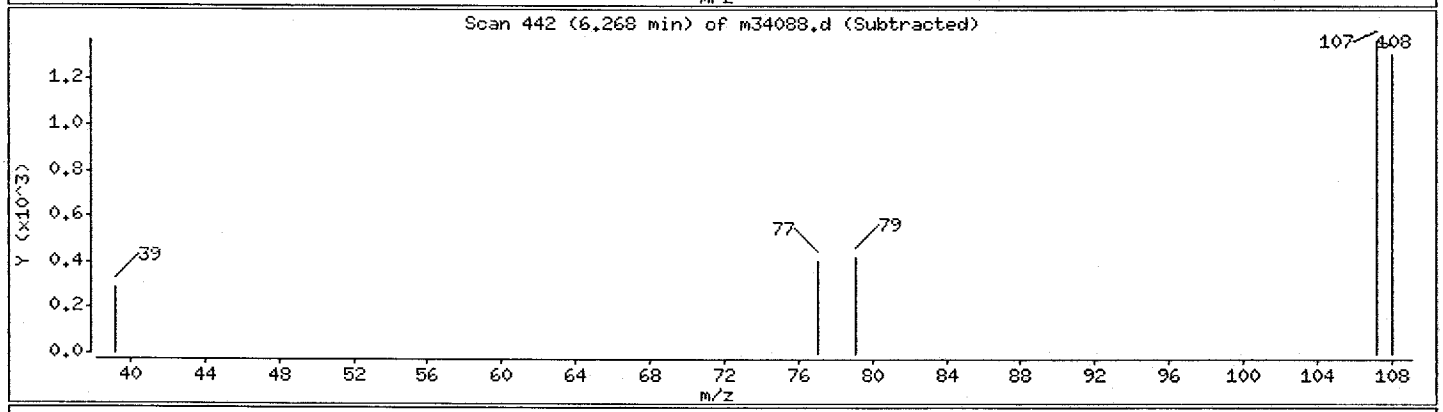
Sample Info: 908697;4225897

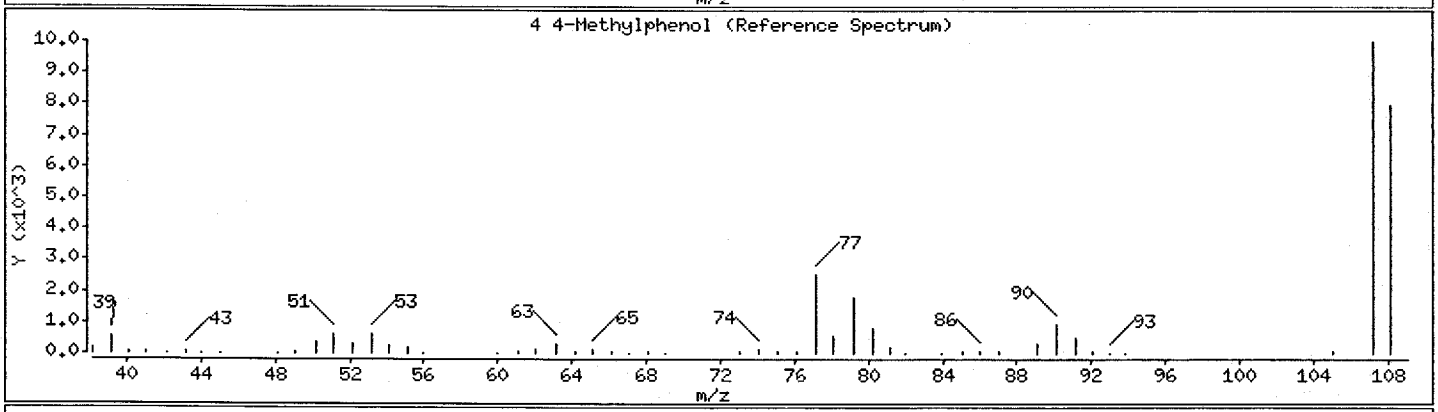
Operator: BNAMS 4

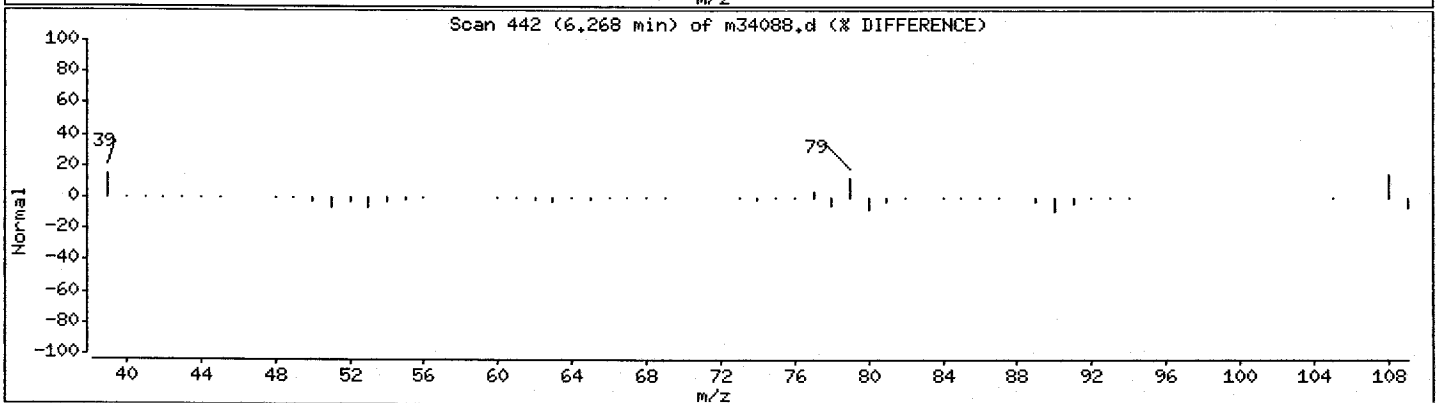
Column phase: DB-5 Column diameter: 0.25

4 4-Methylphenol Concentration: 13 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

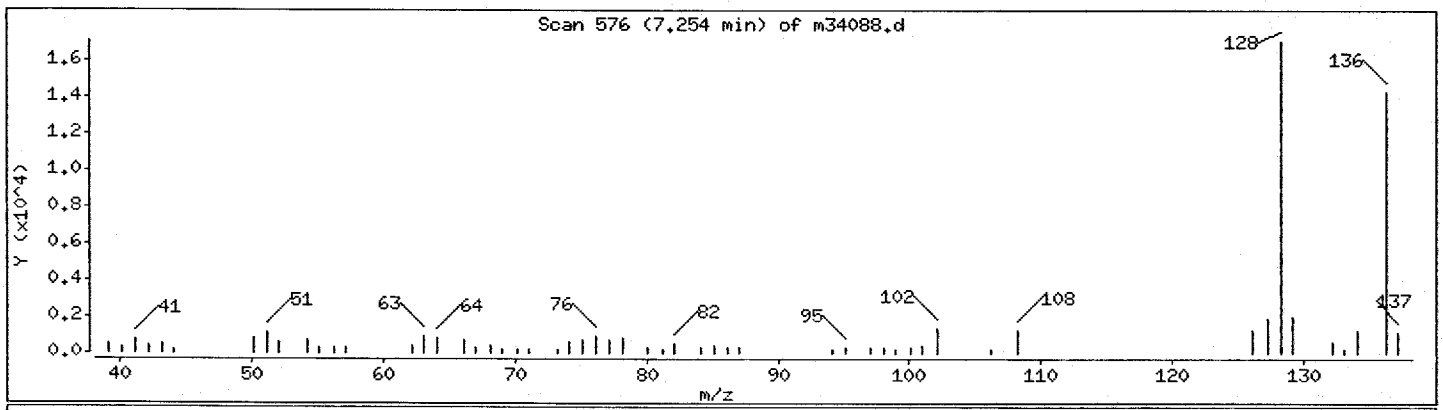
Client ID: 032608-0900 Instrument: BNAMS6.i

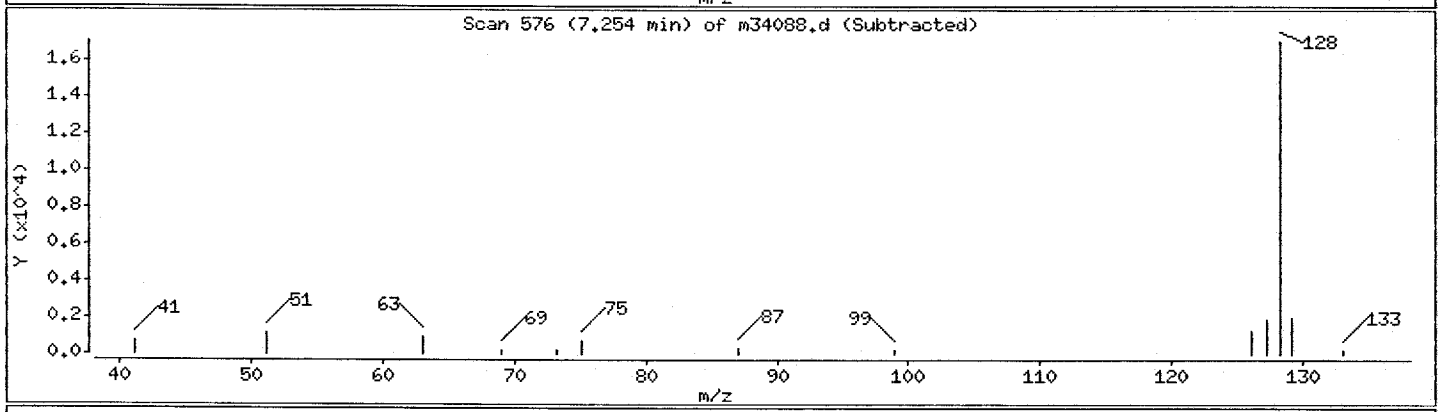
Sample Info: 908697;4225897

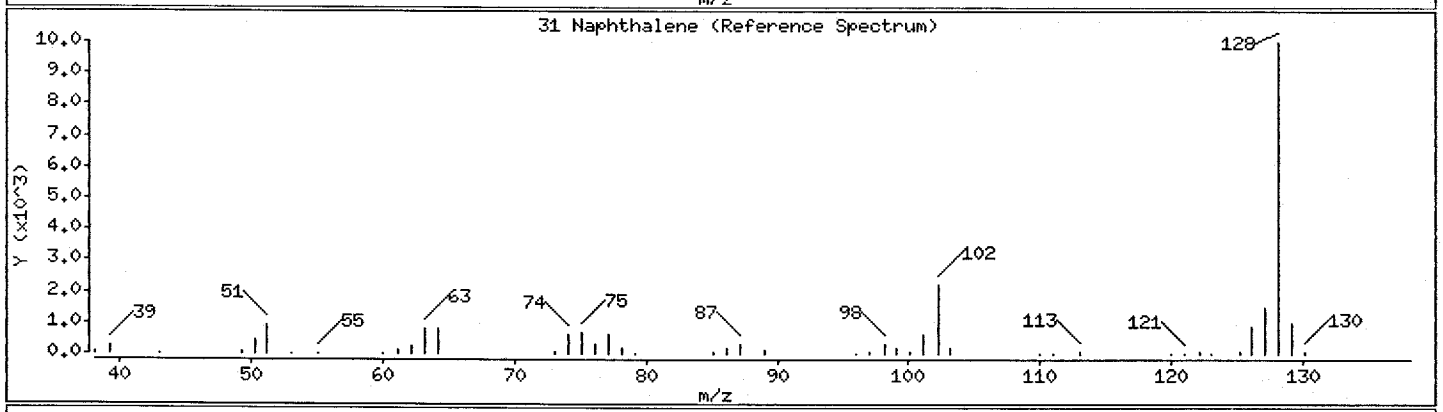
Operator: BNAMS 4

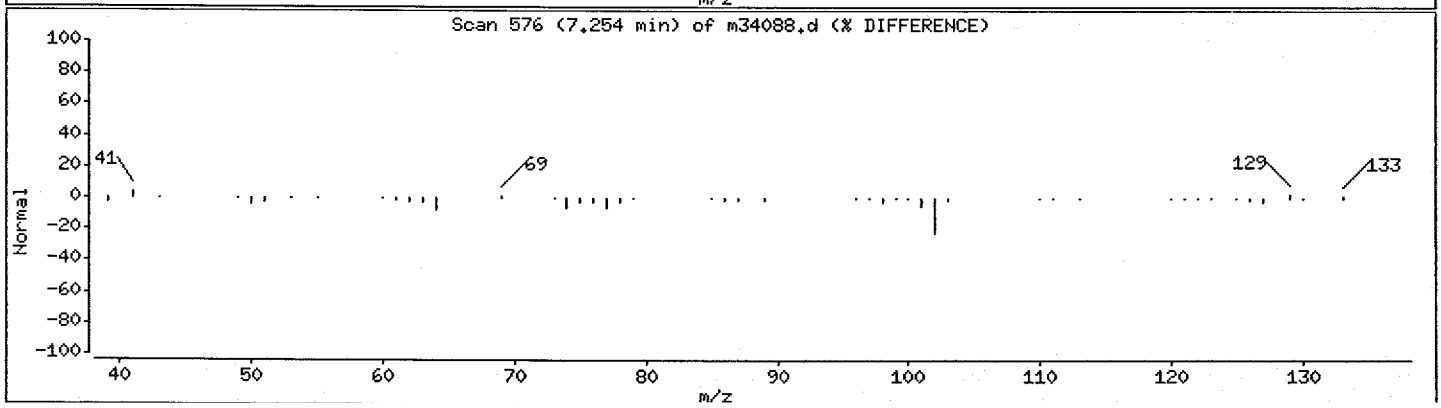
Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 62 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

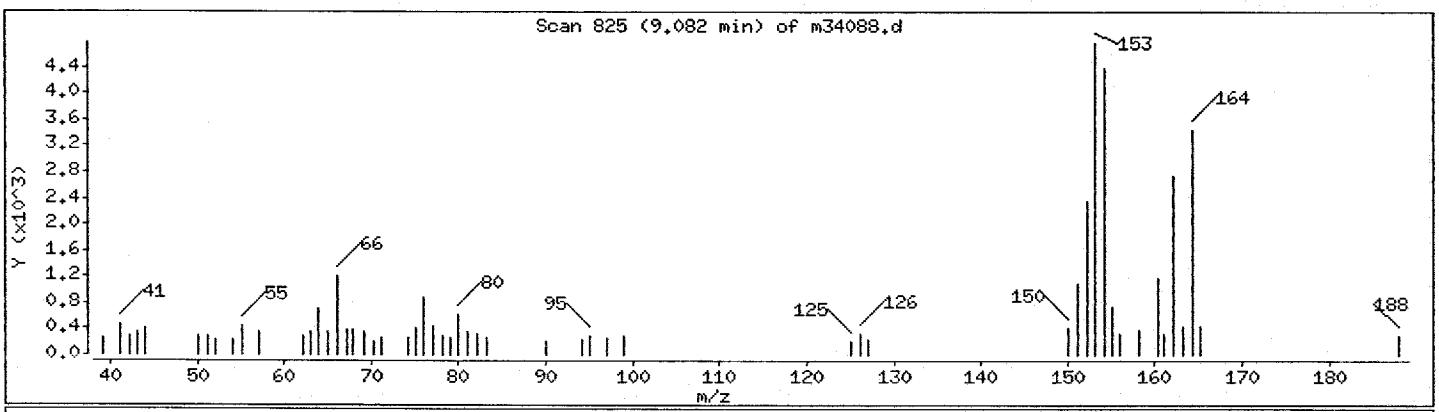
Client ID: 032608-0900 Instrument: BNAMS6.i

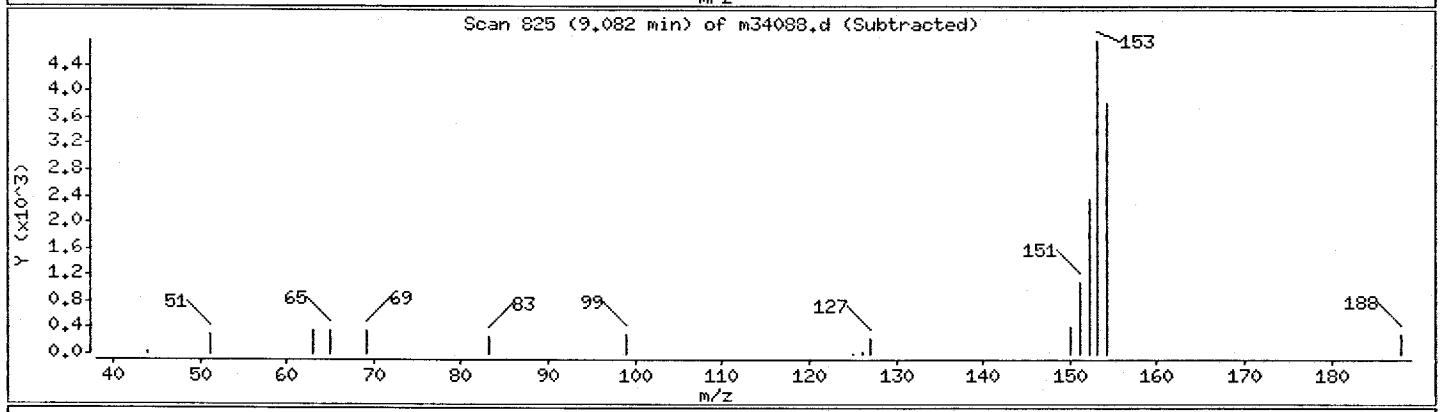
Sample Info: 908697;4225897

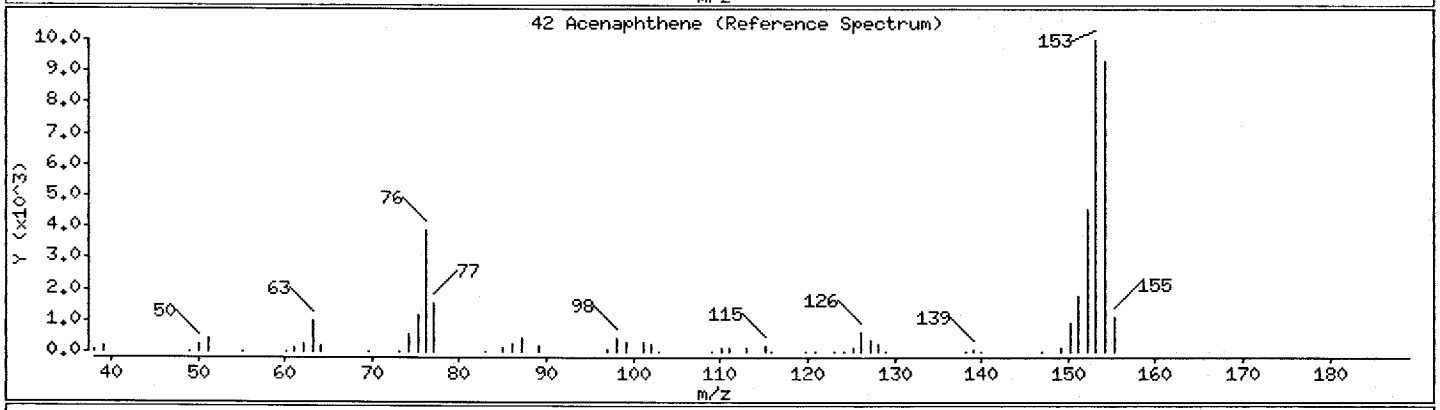
Operator: BNAMS 4

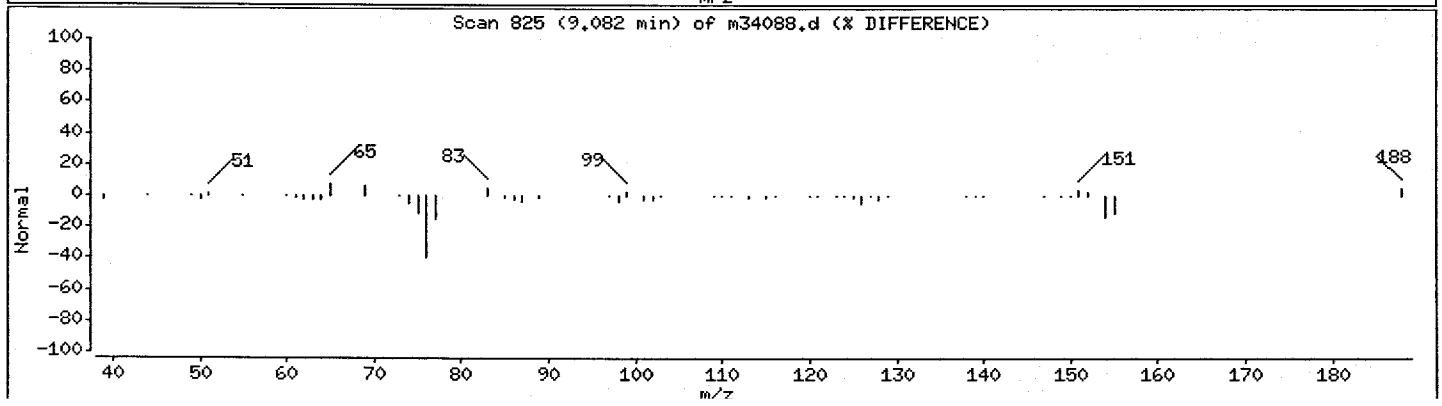
Column phase: DB-5 Column diameter: 0.25

42 Acenaphthene Concentration: 18 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

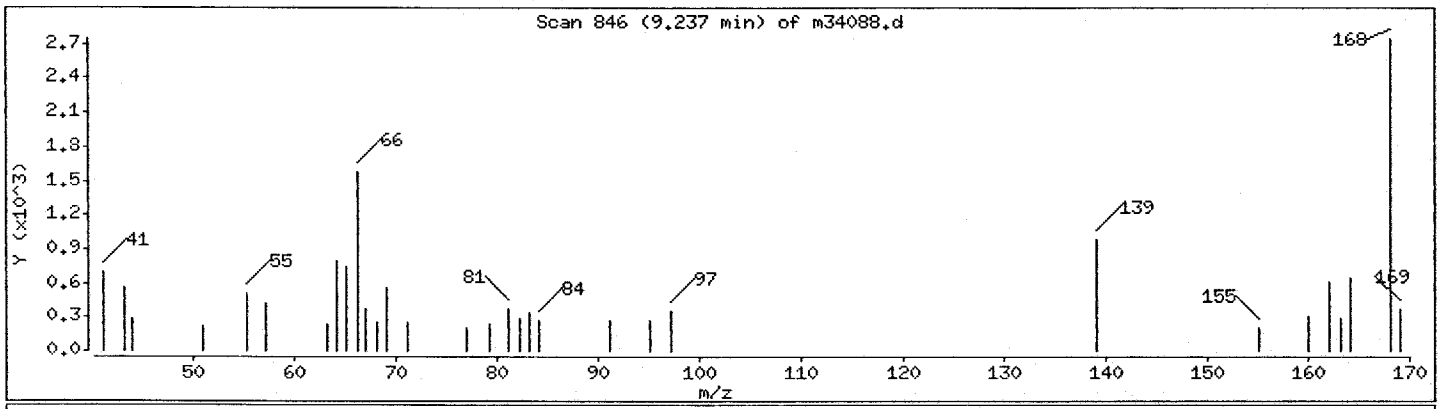
Client ID: 032608-0900 Instrument: BNAMS6.i

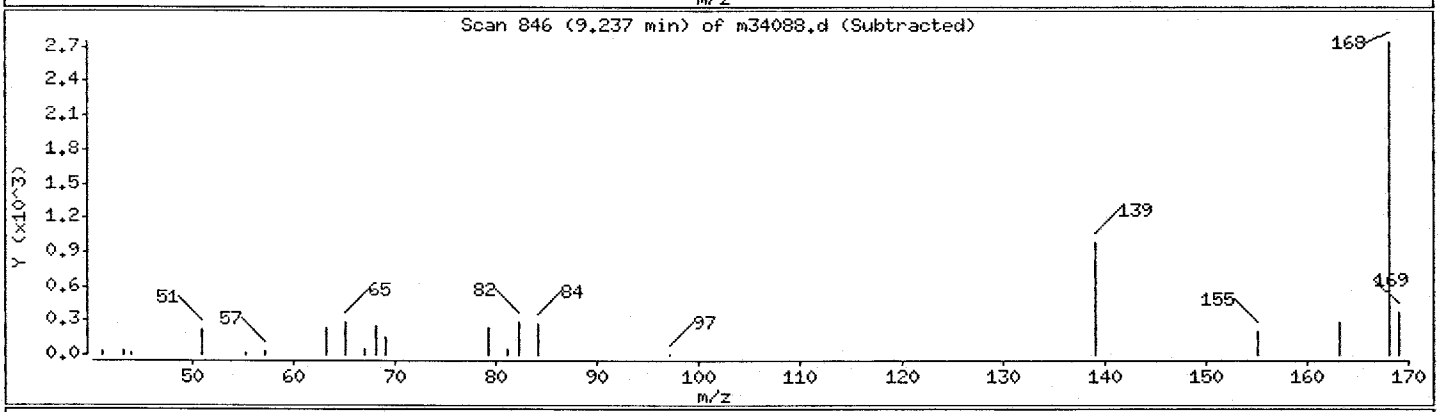
Sample Info: 908697;4225897

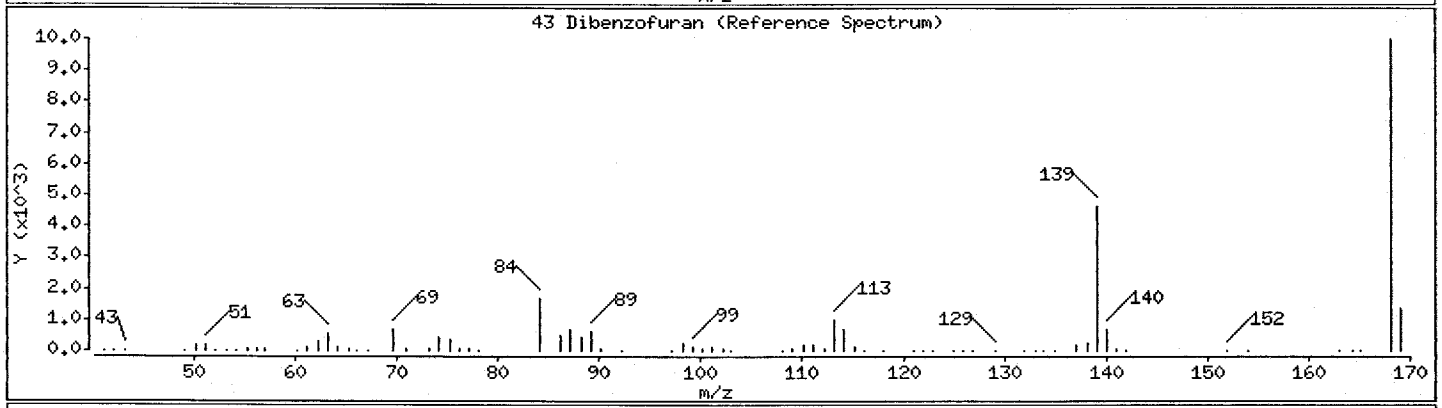
Operator: BNAMS 4

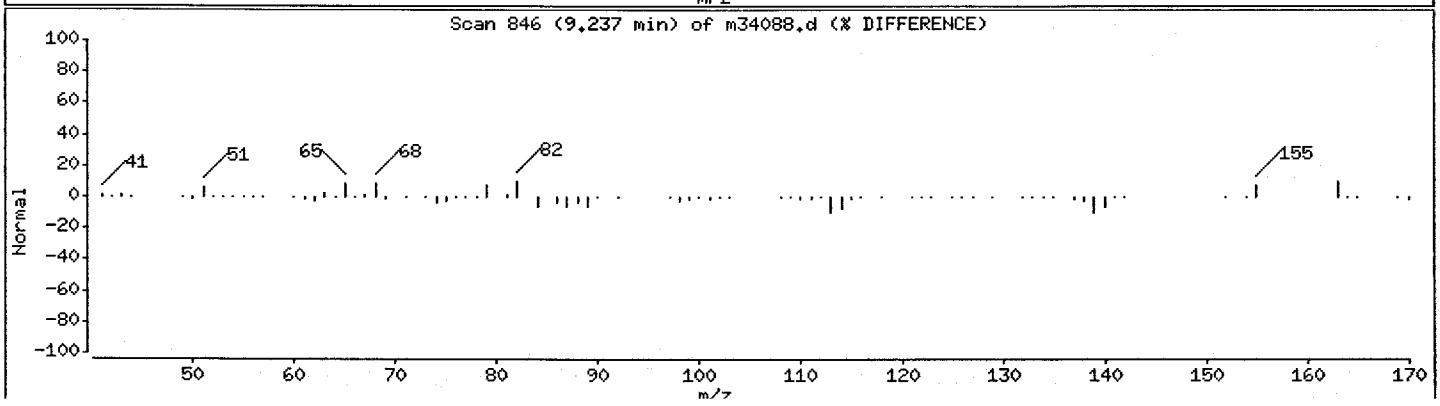
Column phase: DB-5 Column diameter: 0.25

43 Dibenzofuran Concentration: 8.5 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

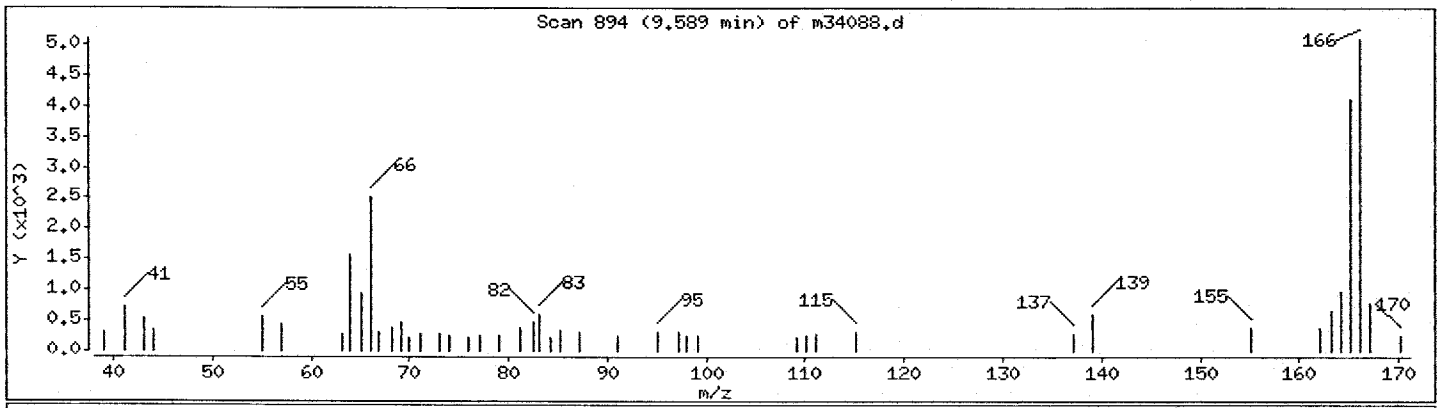
Client ID: 032608-0900 Instrument: BNAMS6.i

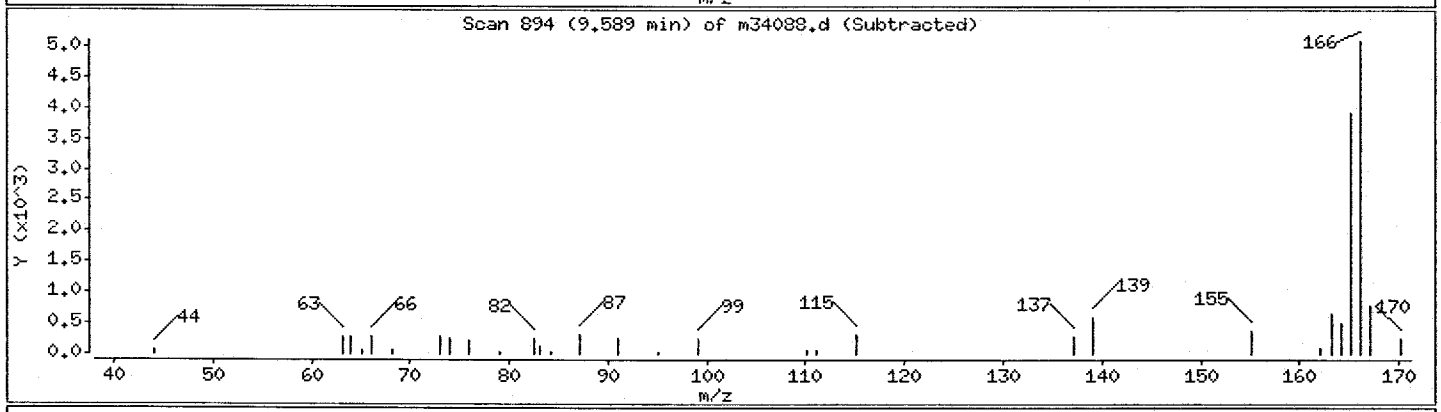
Sample Info: 908697;4225897

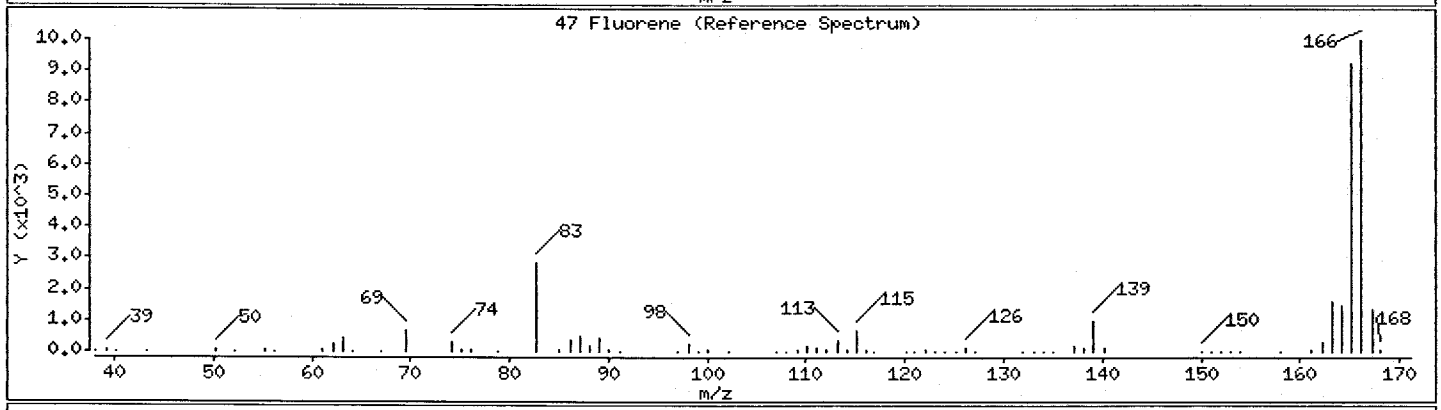
Operator: BNAMS 4

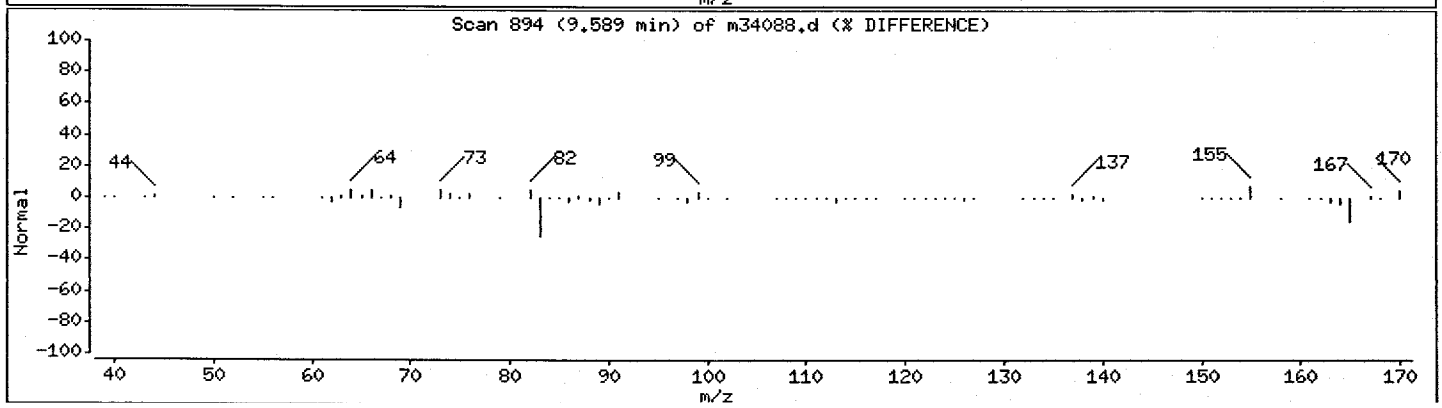
Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 20 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

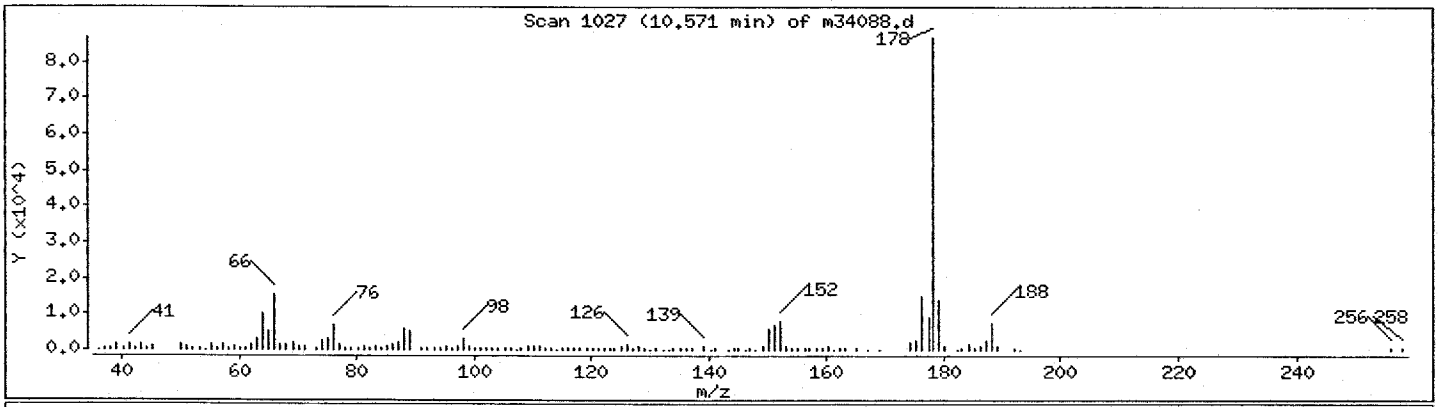
Client ID: 032608-0900 Instrument: BNAMS6.i

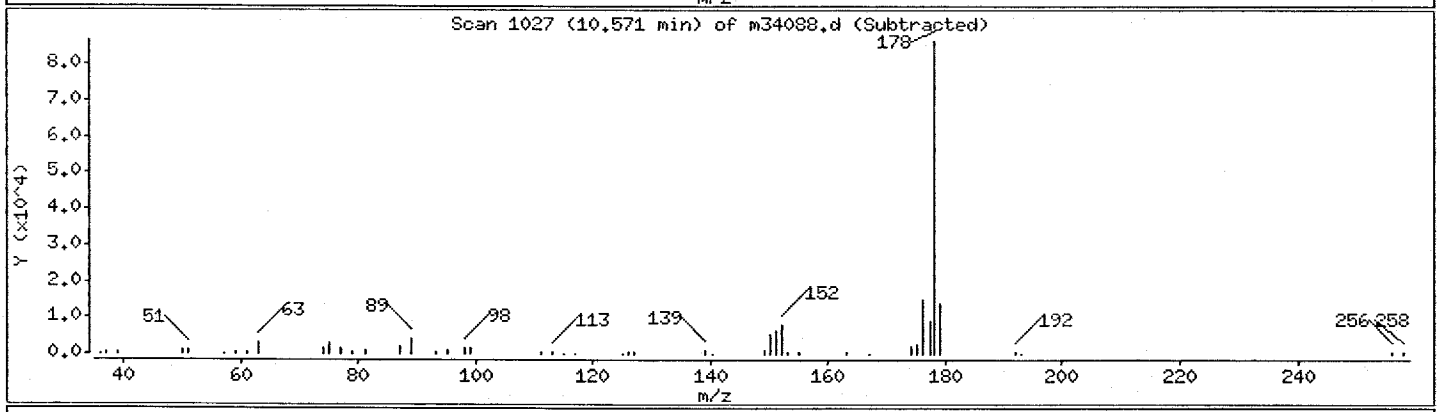
Sample Info: 908697;4225897

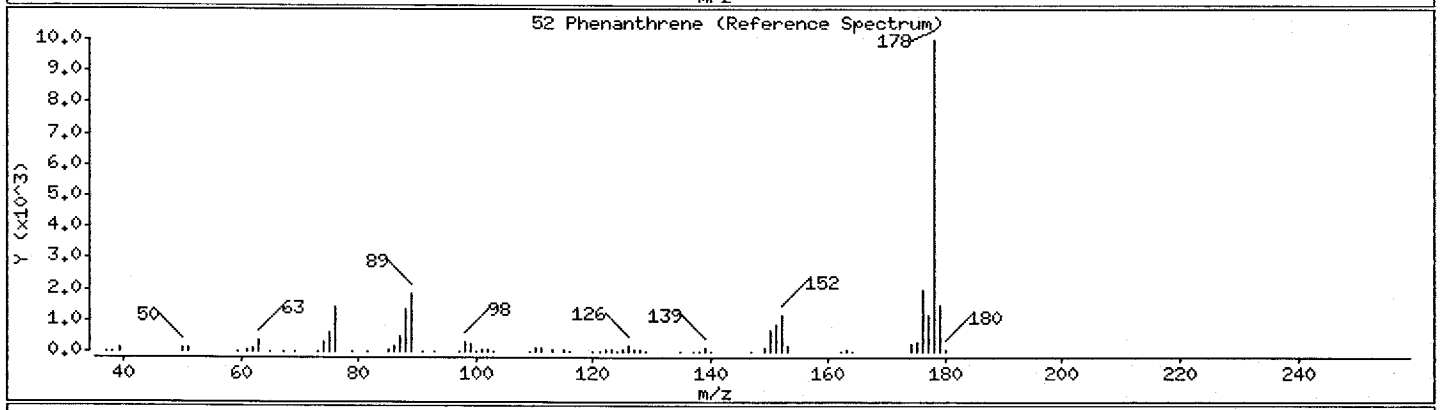
Operator: BNAMS 4

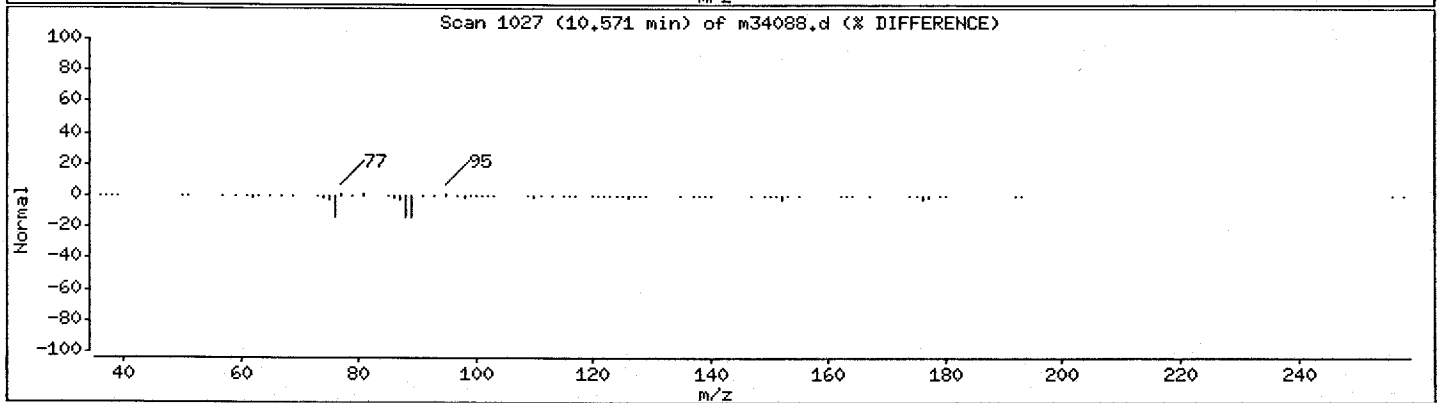
Column phase: DB-5 Column diameter: 0.25

52 Phenanthrene Concentration: 180 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

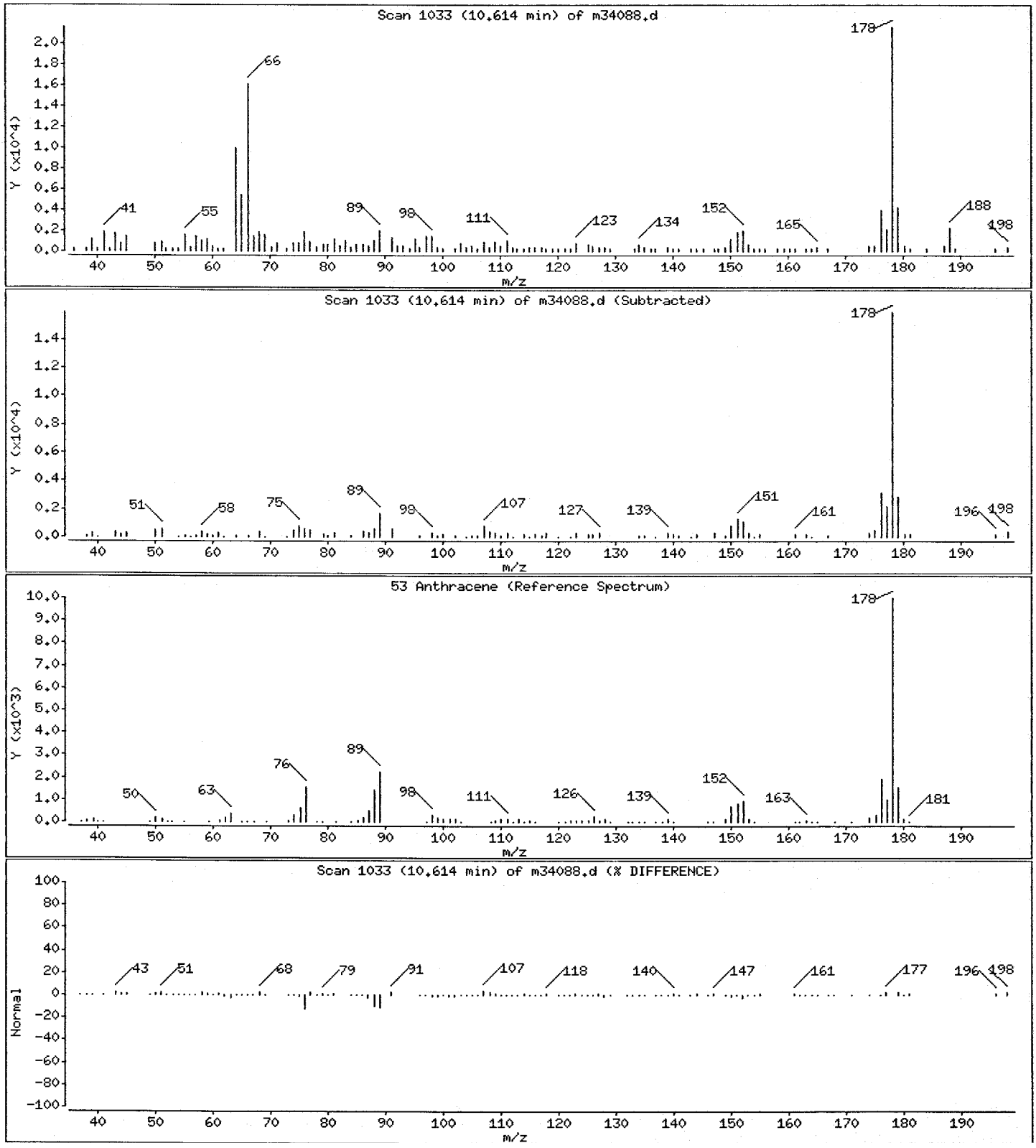
Client ID: 032608-0900 Instrument: BNAMS6.i

Sample Info: 908697;4225897

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

53 Anthracene Concentration: 47 ug/Kg



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Date : 08-APR-2008 11:15

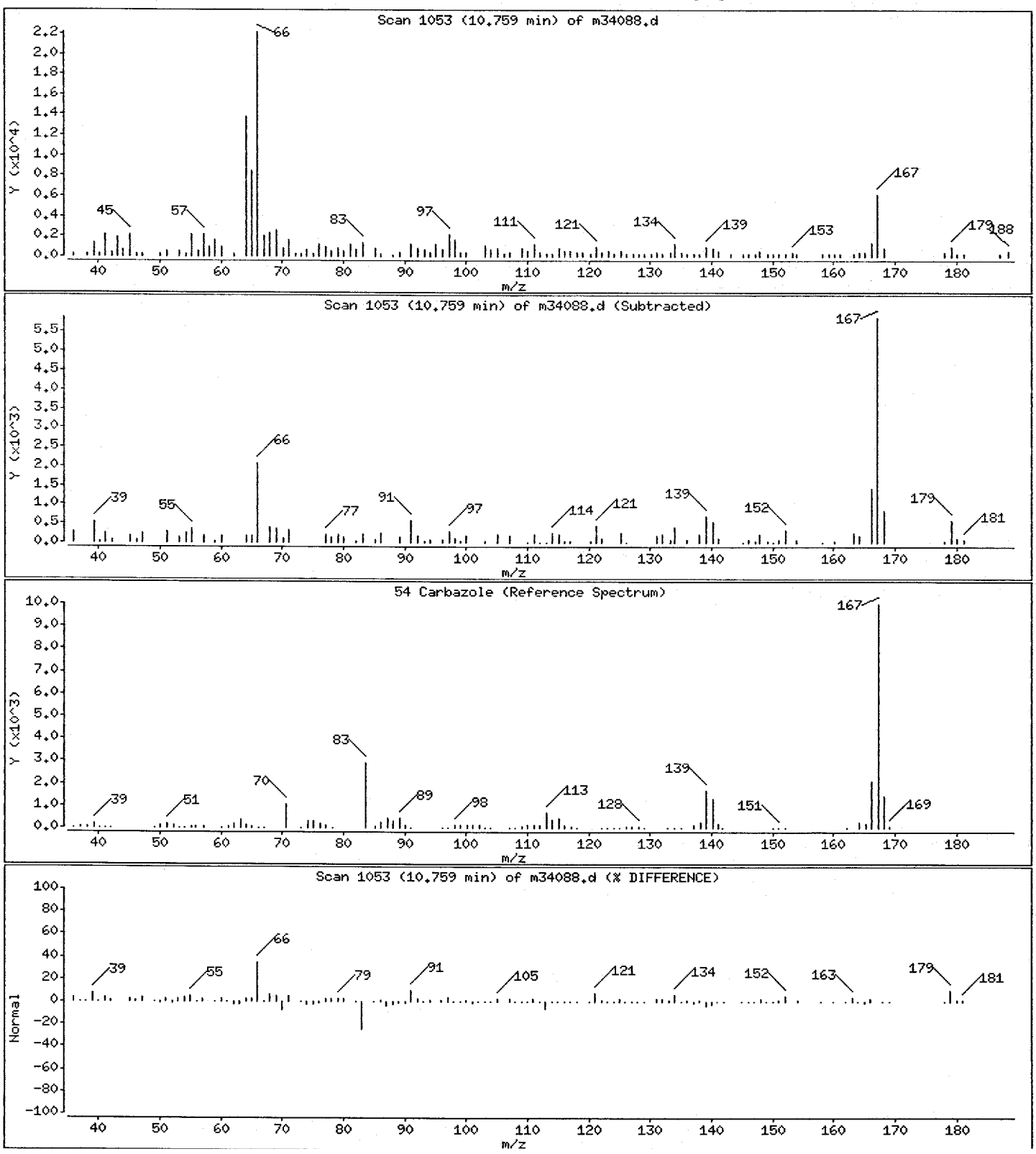
Client ID: 032608-0900 Instrument: BNAMS6.i

Sample Info: 908697;4225897

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

54 Carbazole Concentration: 13 ug/Kg



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Date : 08-APR-2008 11:15

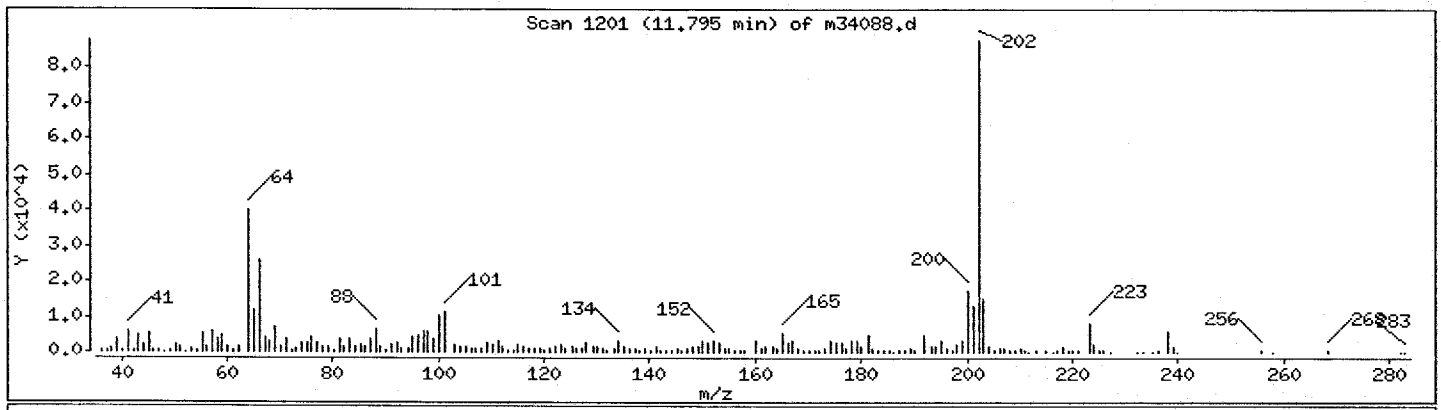
Client ID: 032608-0900 Instrument: BNAMS6.i

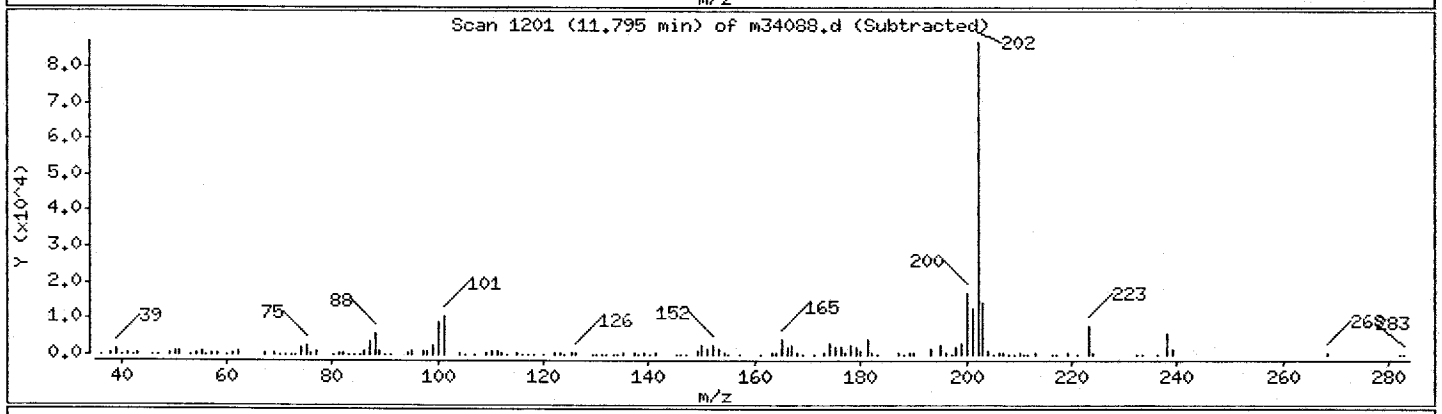
Sample Info: 908697;4225897

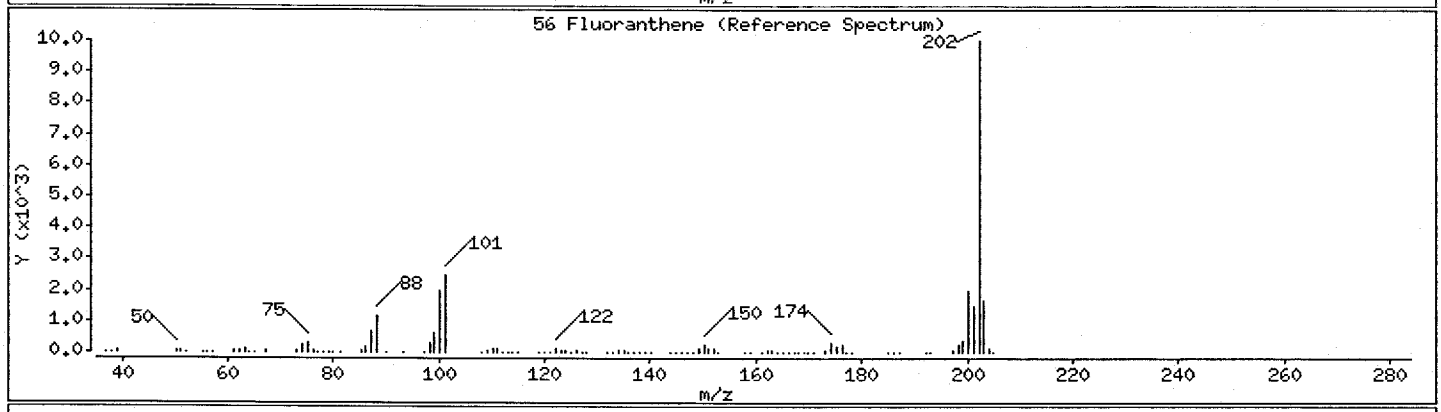
Operator: BNAMS 4

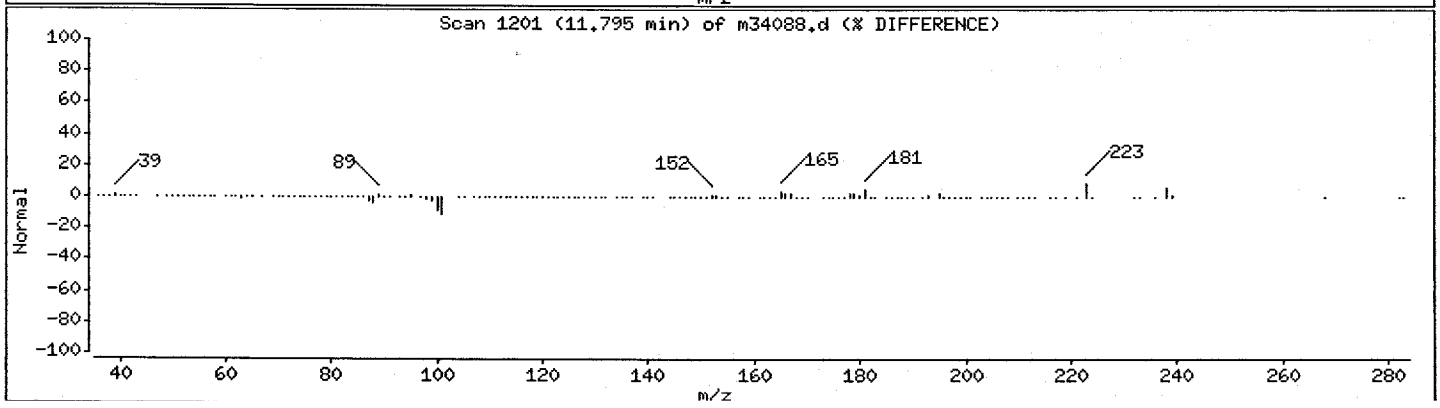
Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 220 ug/Kg









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Date : 08-APR-2008 11:15

Client ID: 032608-0900

Instrument: BNAMS6.i

Sample Info: 908697;4225897

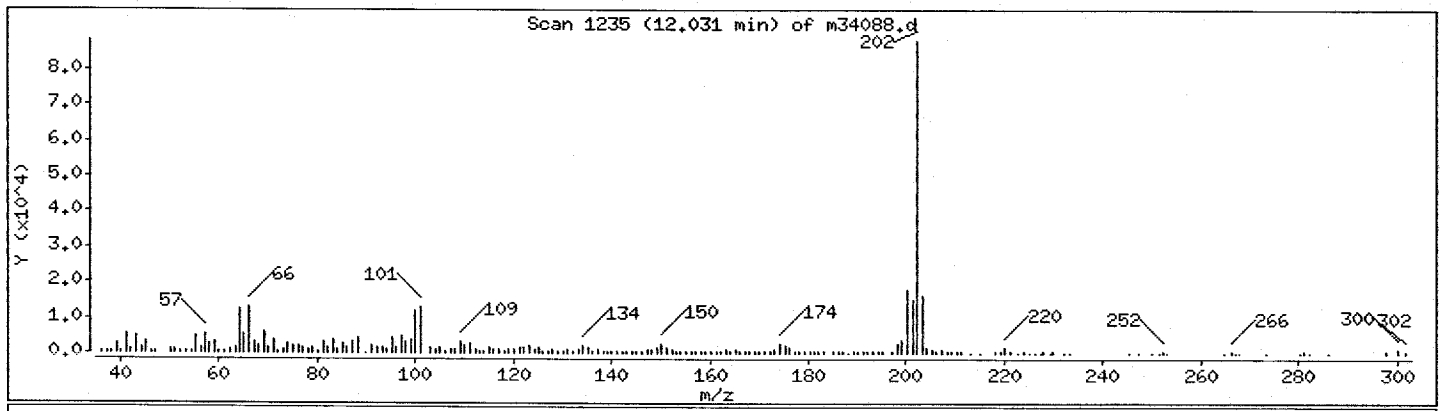
Operator: BNAMS 4

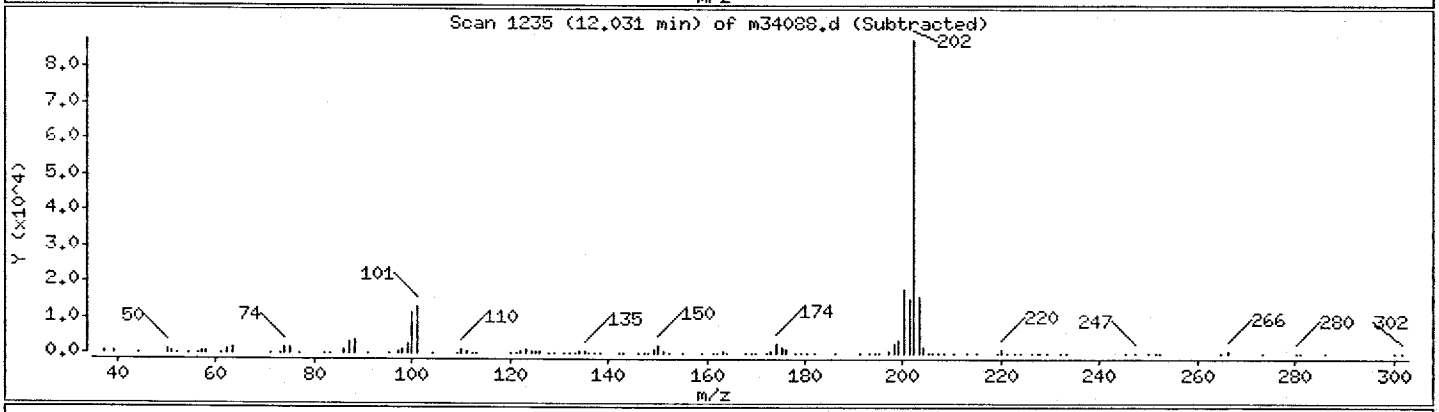
Column phase: DB-5

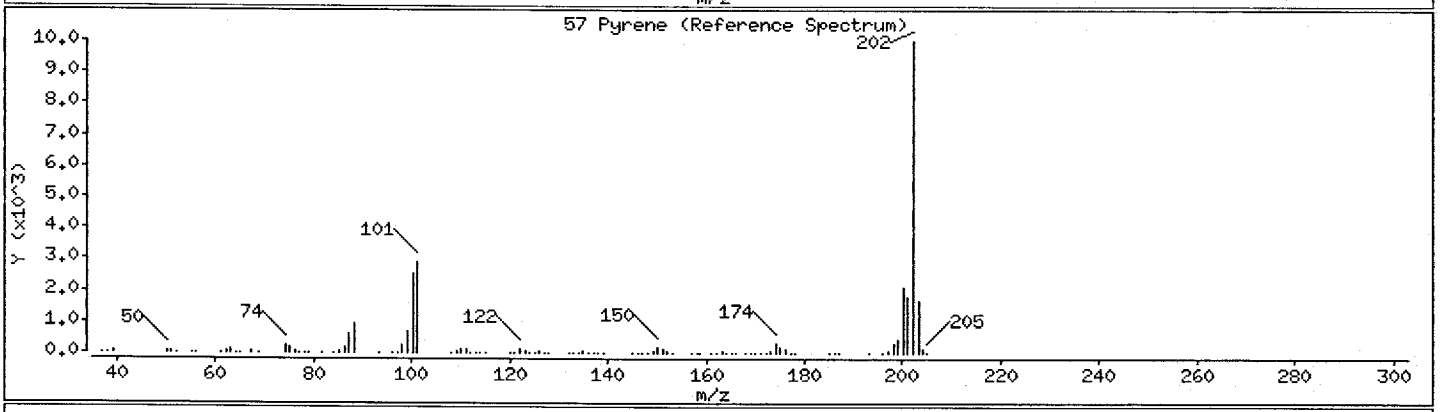
Column diameter: 0.25

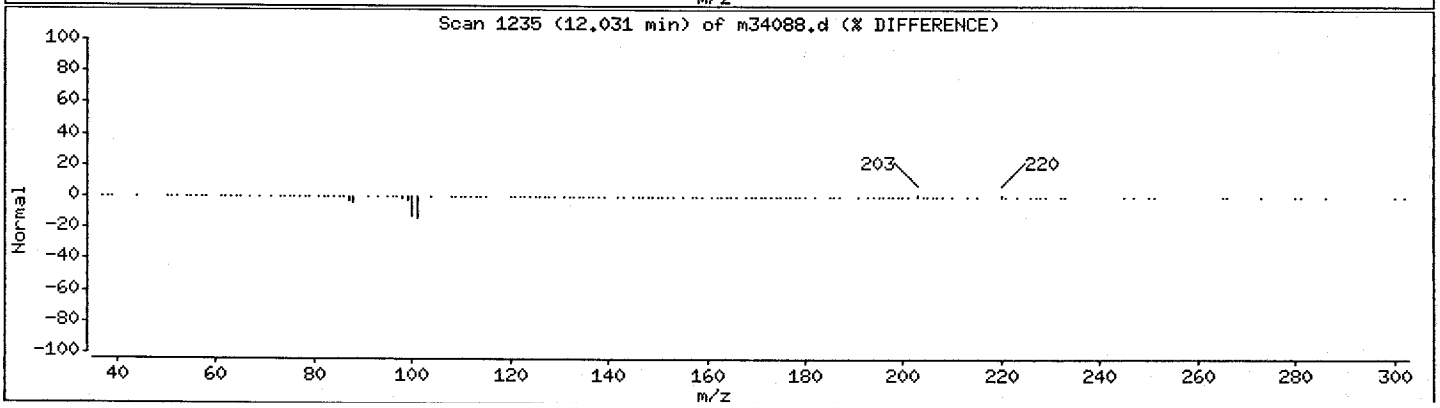
57 Pyrene

Concentration: 220 ug/Kg









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Date : 08-APR-2008 11:15

Client ID: 032608-0900

Instrument: BNAMS6.i

Sample Info: 908697;4225897

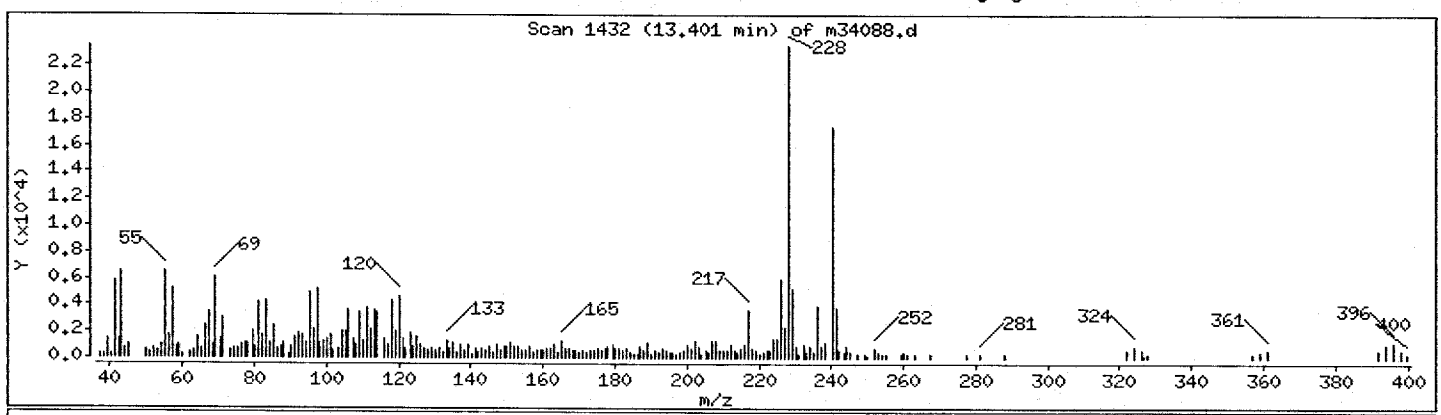
Operator: BNAMS 4

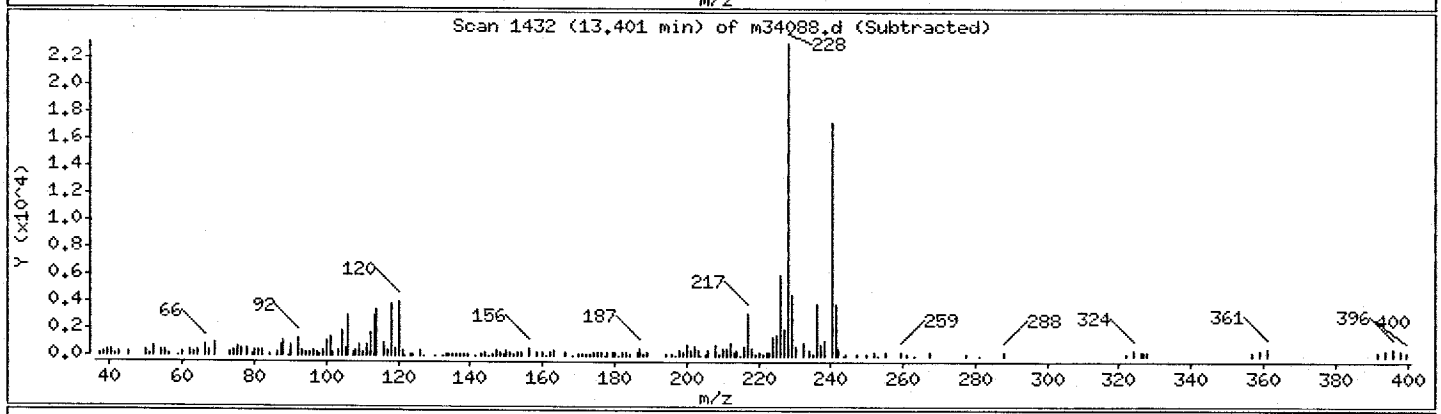
Column phase: DB-5

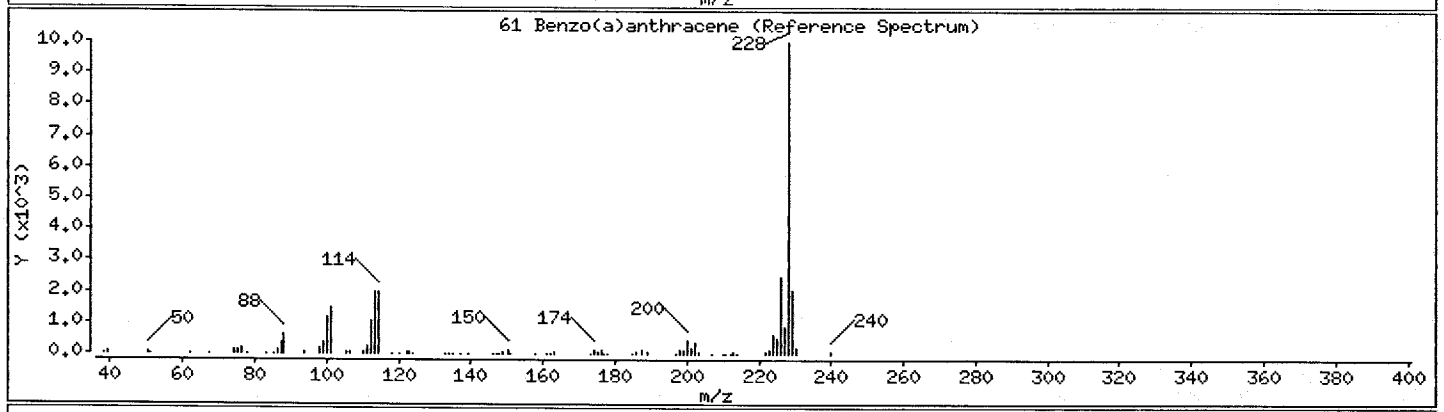
Column diameter: 0.25

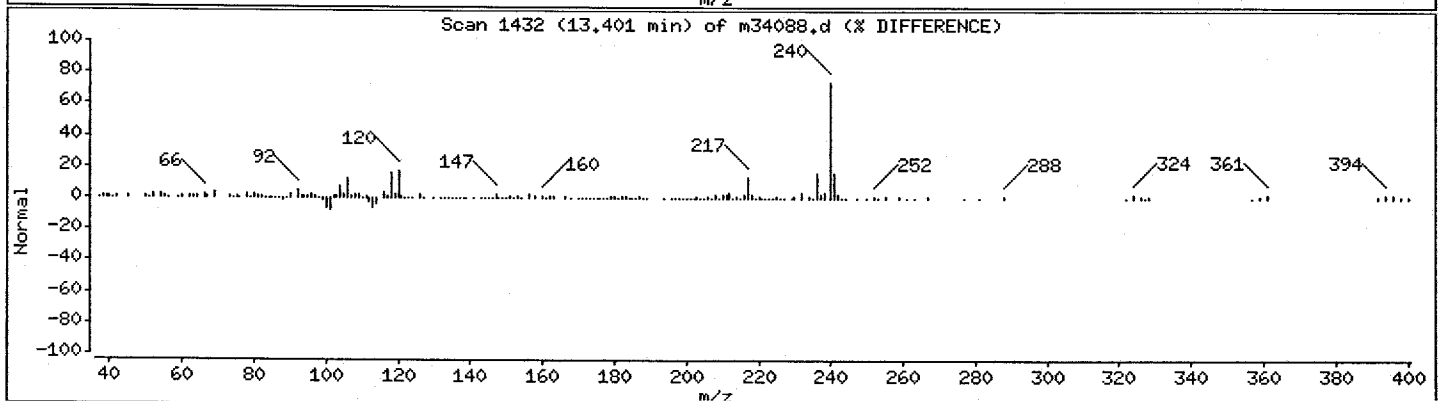
61 Benzo(a)anthracene

Concentration: 110 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

Client ID: 032608-0900

Instrument: BNAMS6.i

Sample Info: 908697;4225897

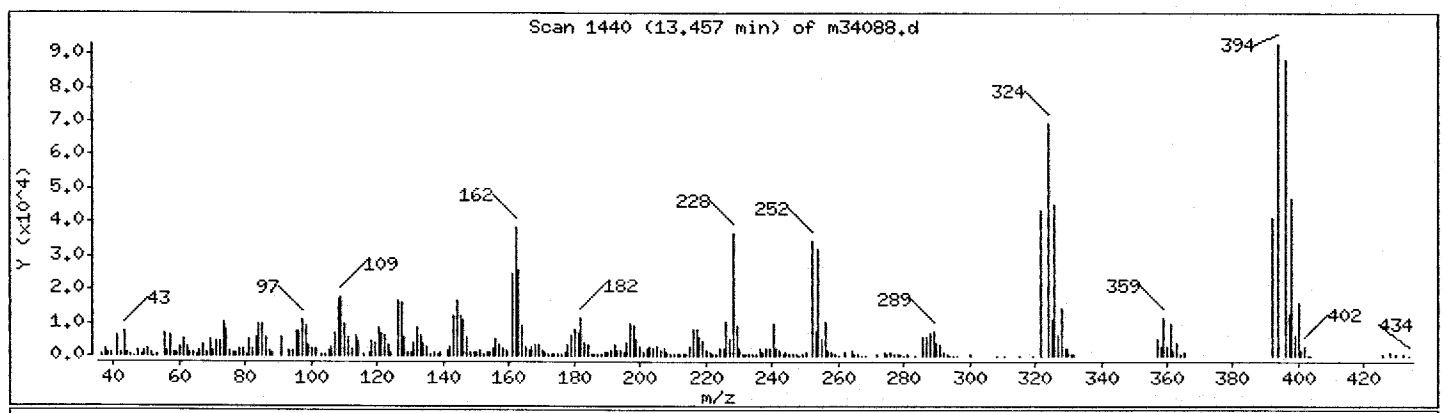
Operator: BNAMS 4

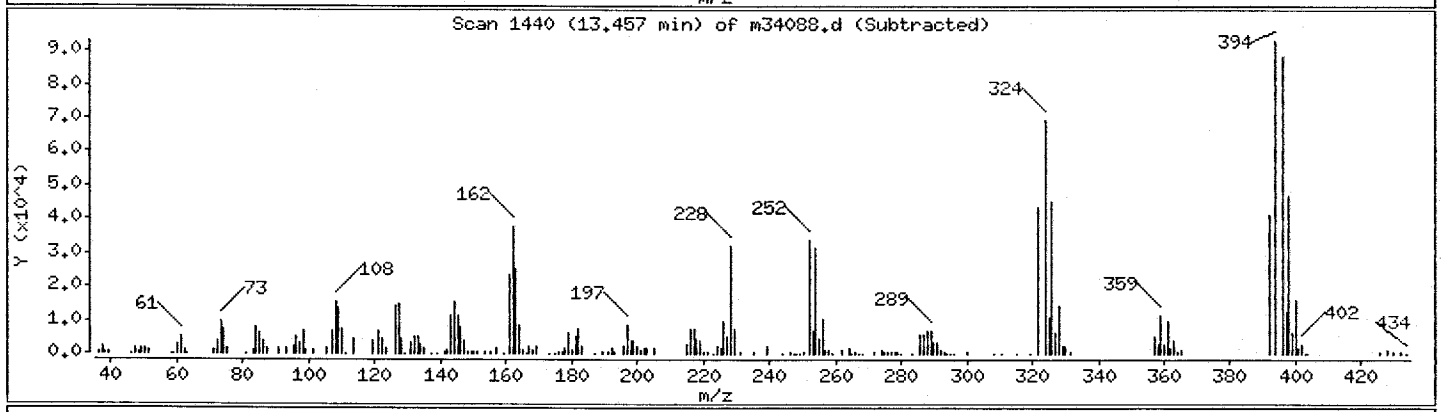
Column phase: DB-5

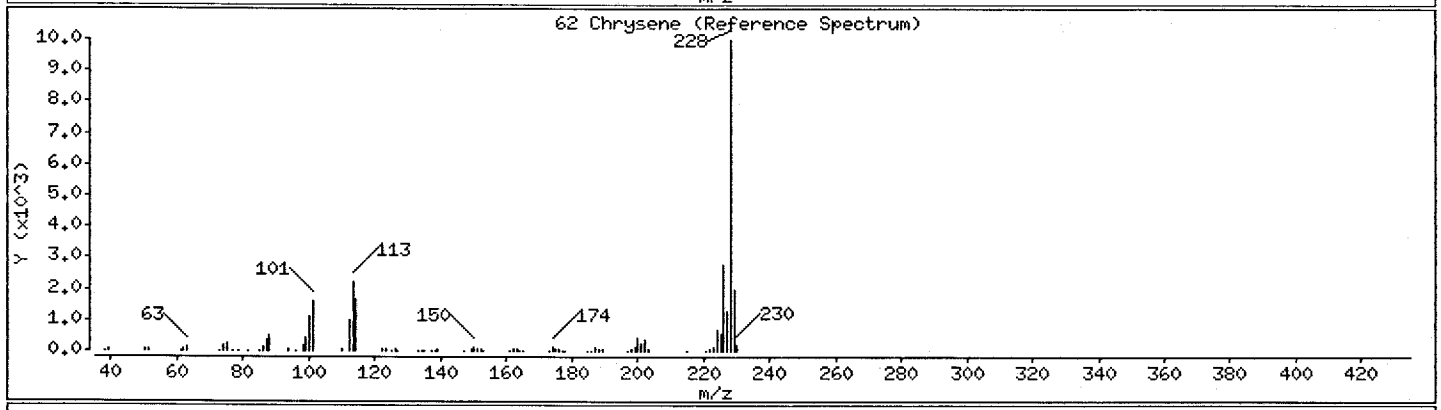
Column diameter: 0.25

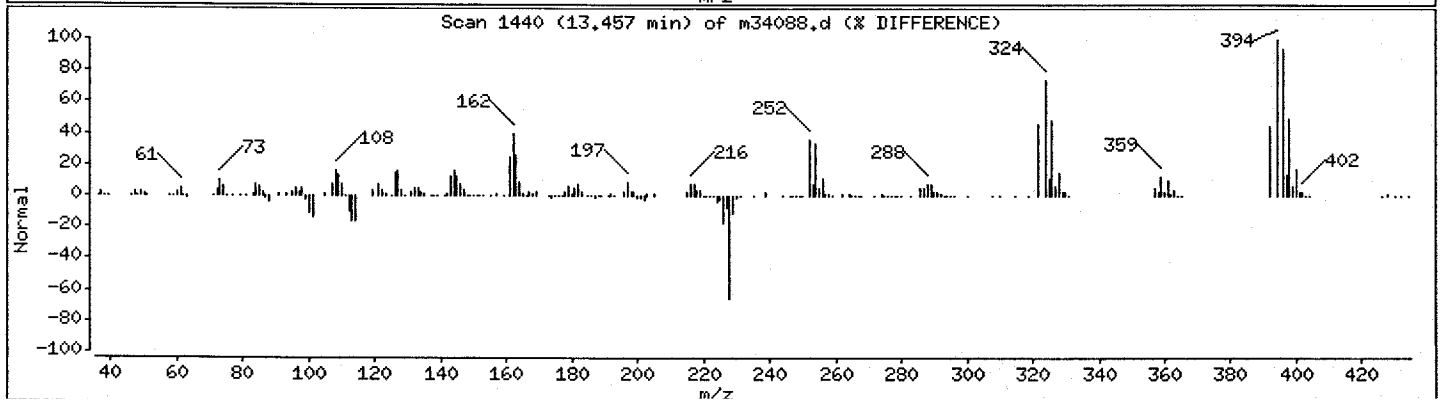
62 Chrysene

Concentration: 130 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

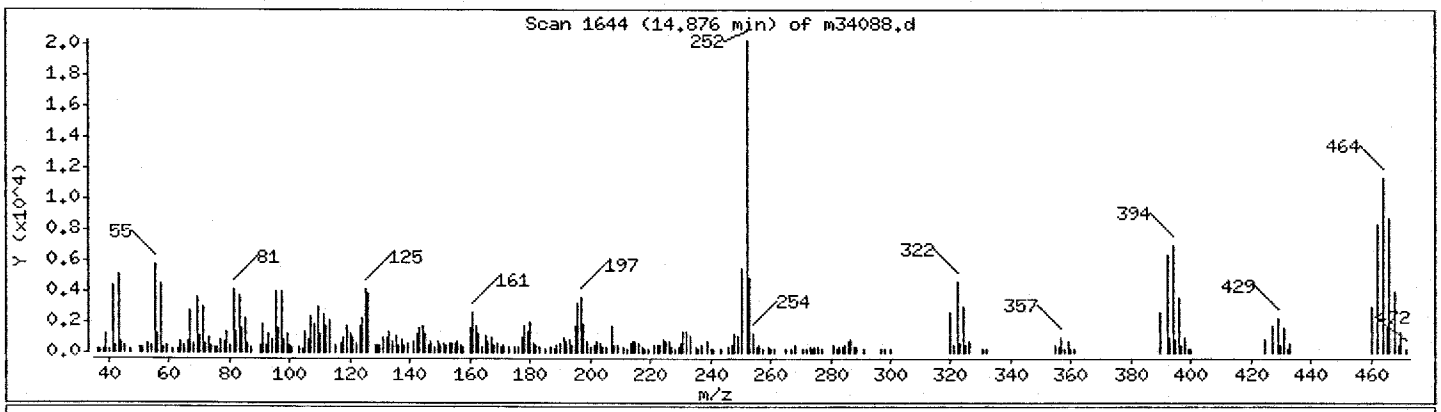
Client ID: 032608-0900 Instrument: BNAMS6.i

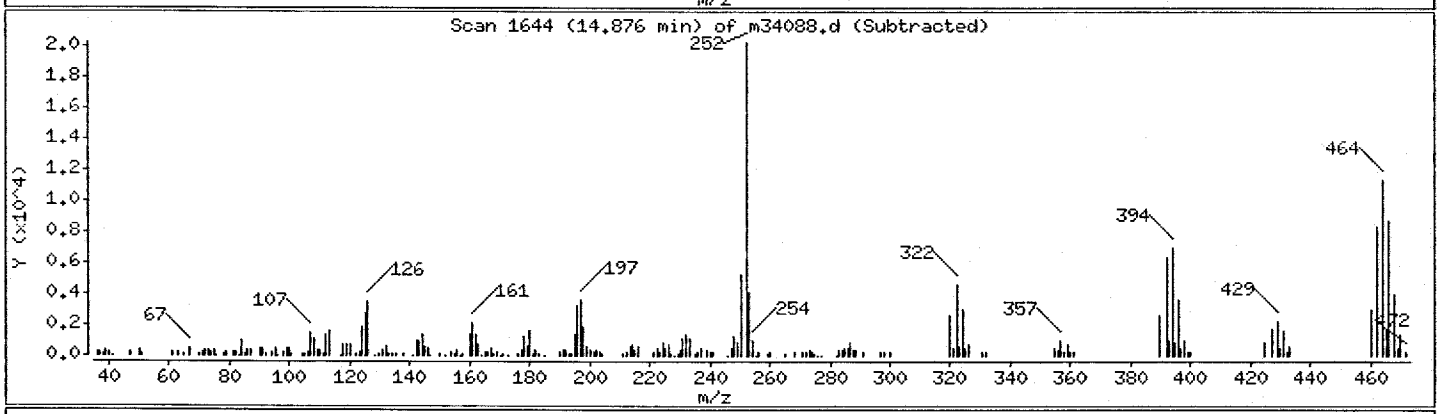
Sample Info: 908697;4225897

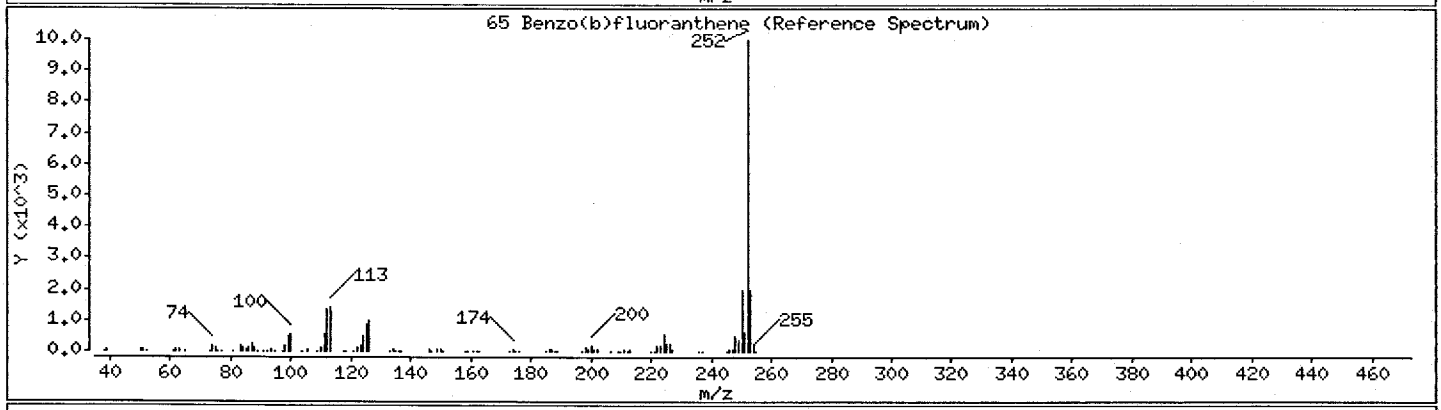
Operator: BNAMS 4

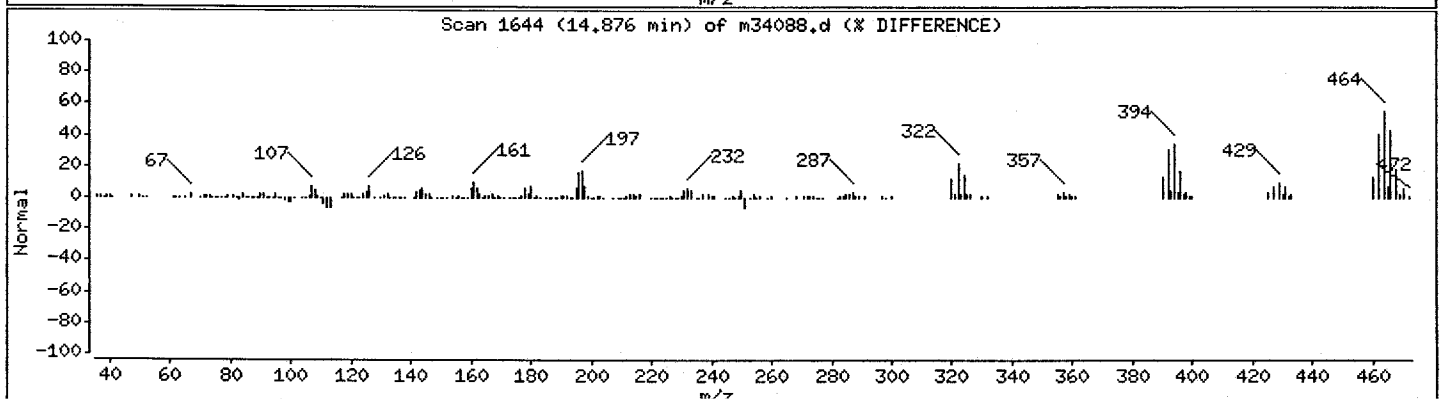
Column phase: DB-5 Column diameter: 0.25

65 Benzo(b)fluoranthene Concentration: 77 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

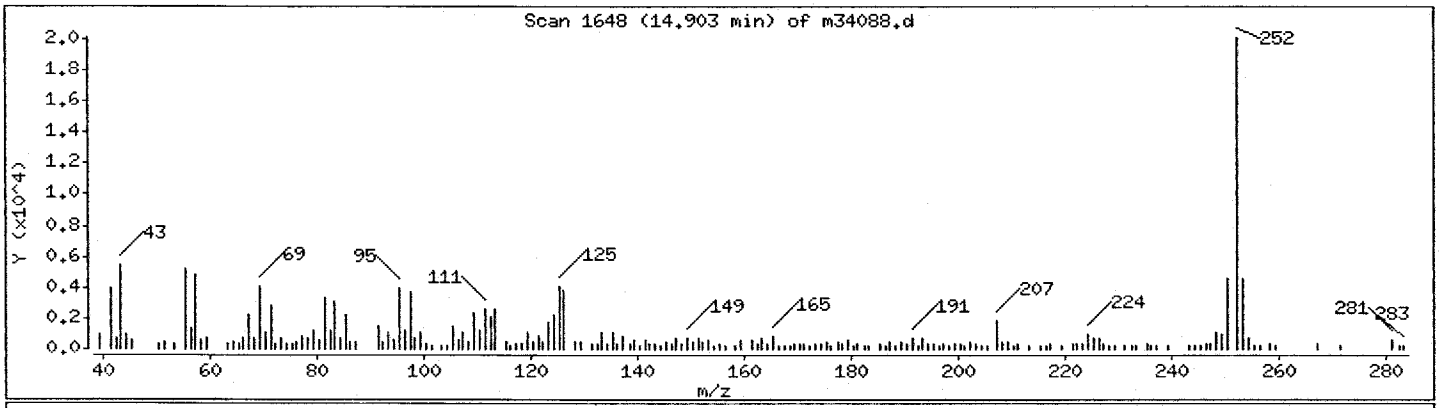
Client ID: 032608-0900 Instrument: BNAMS6.i

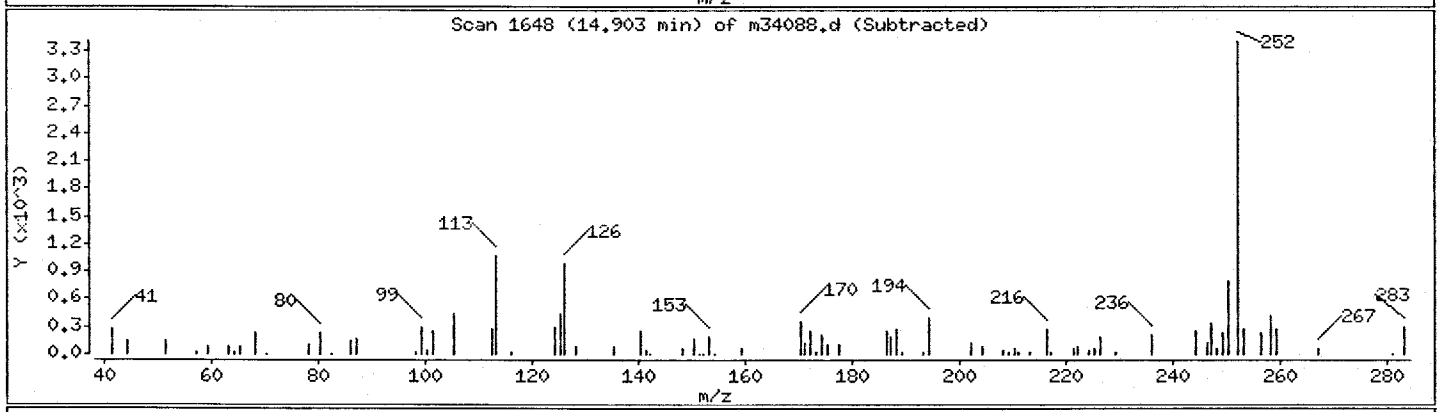
Sample Info: 908697;4225897

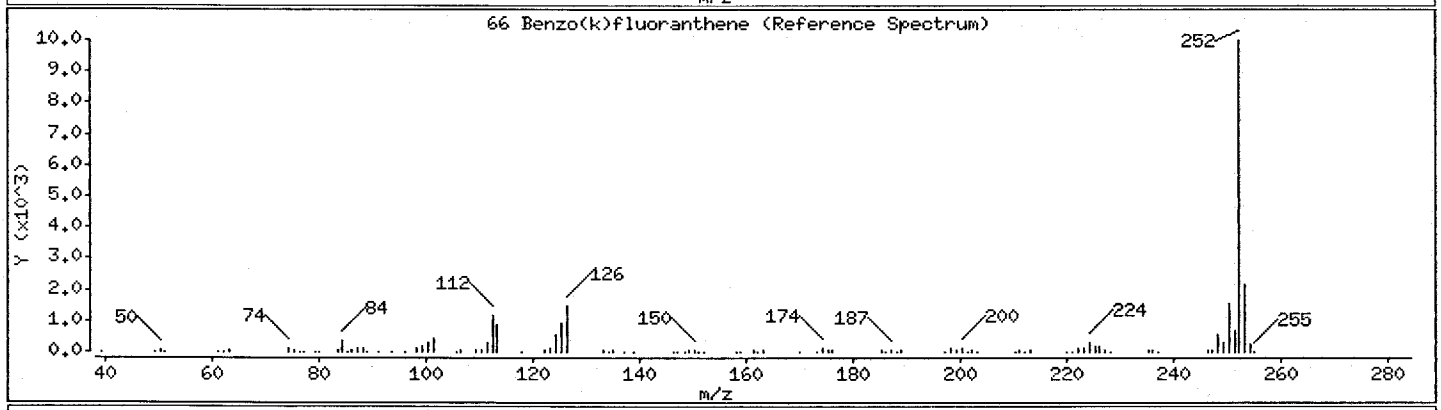
Operator: BNAMS 4

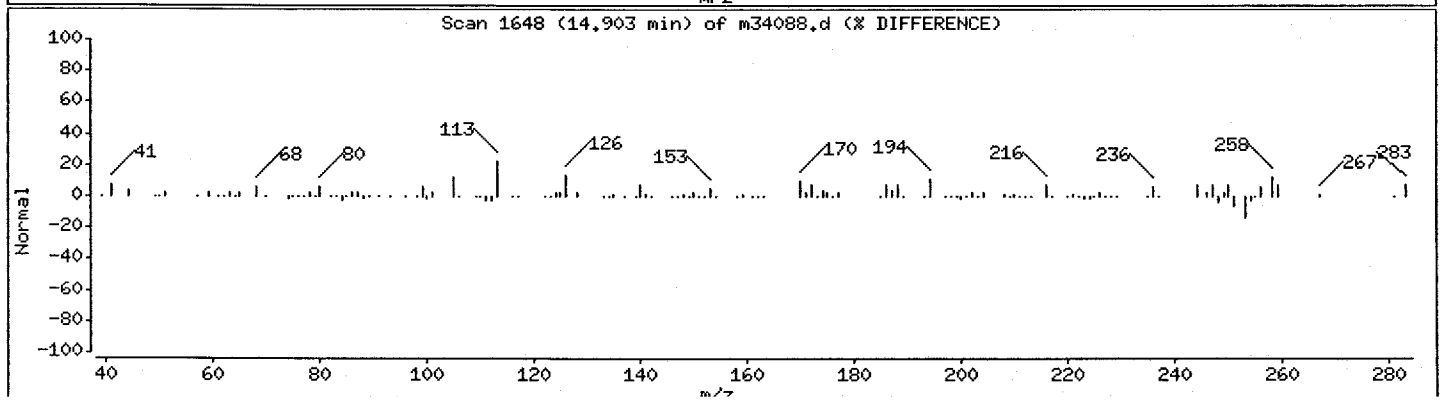
Column phase: DB-5 Column diameter: 0.25

66 Benzo(k)fluoranthene Concentration: 82 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

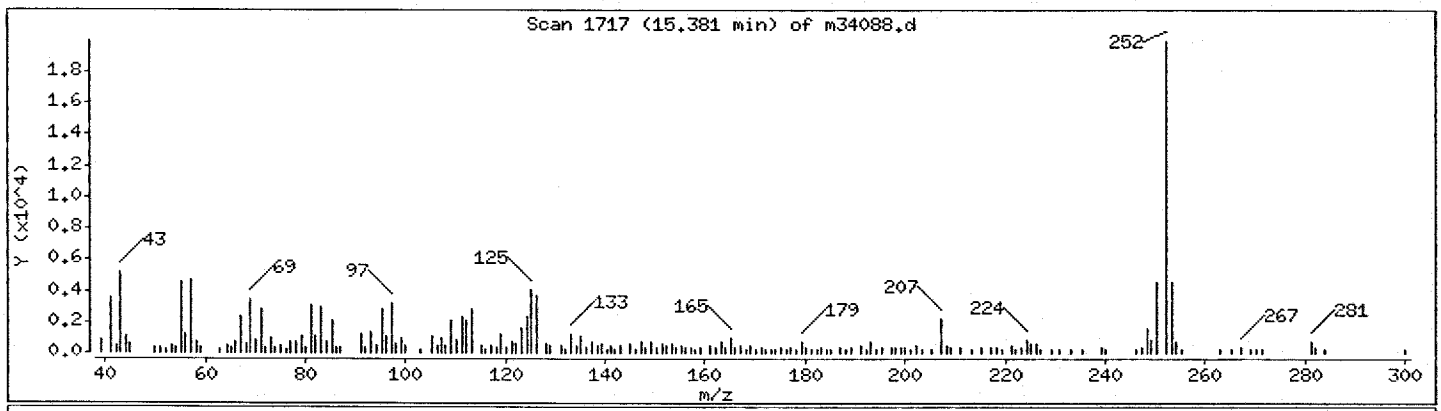
Client ID: 032608-0900 Instrument: BNAMS6.i

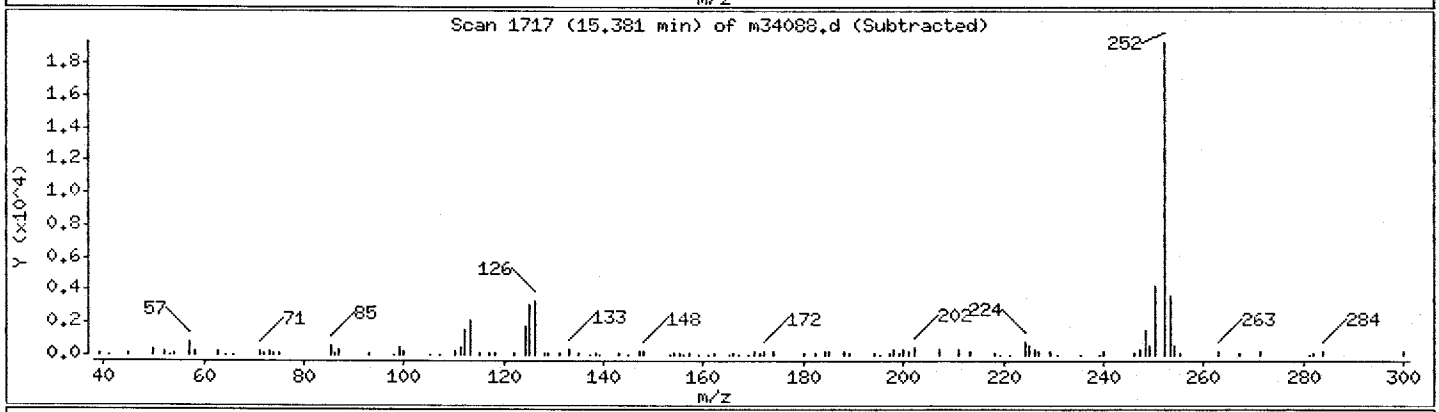
Sample Info: 908697;4225897

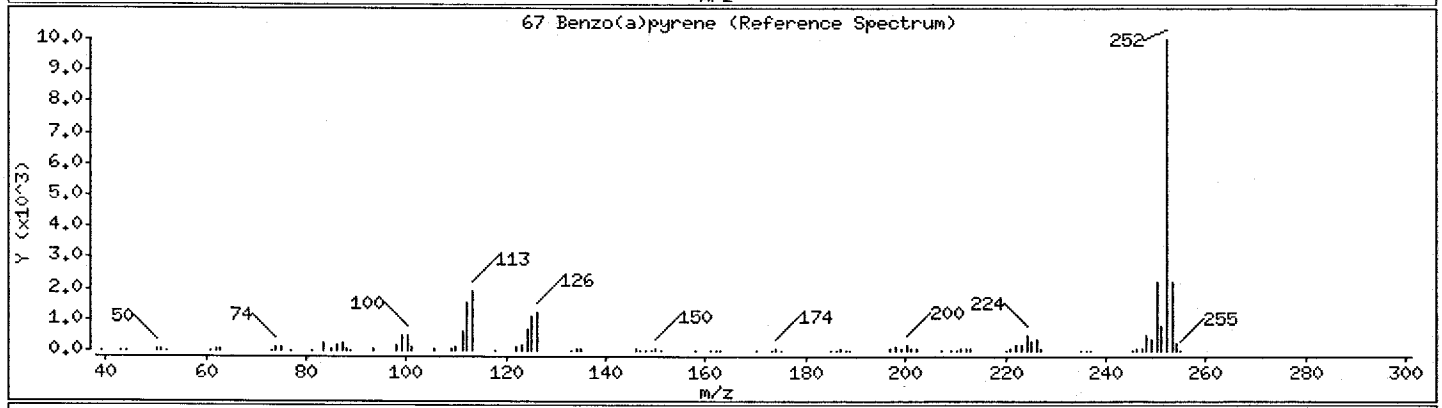
Operator: BNAMS 4

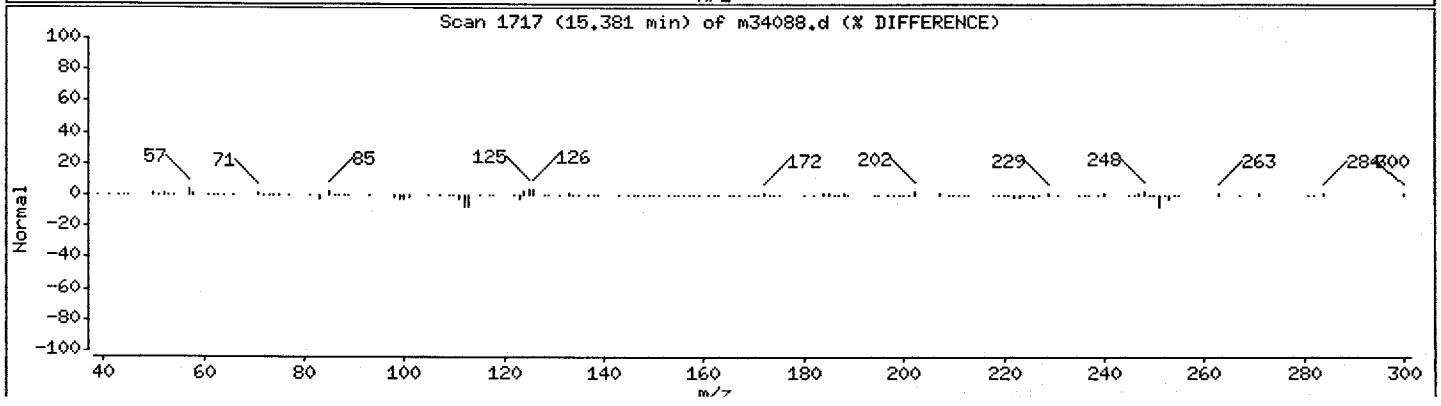
Column phase: DB-5 Column diameter: 0.25

67 Benzo(a)pyrene Concentration: 95 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

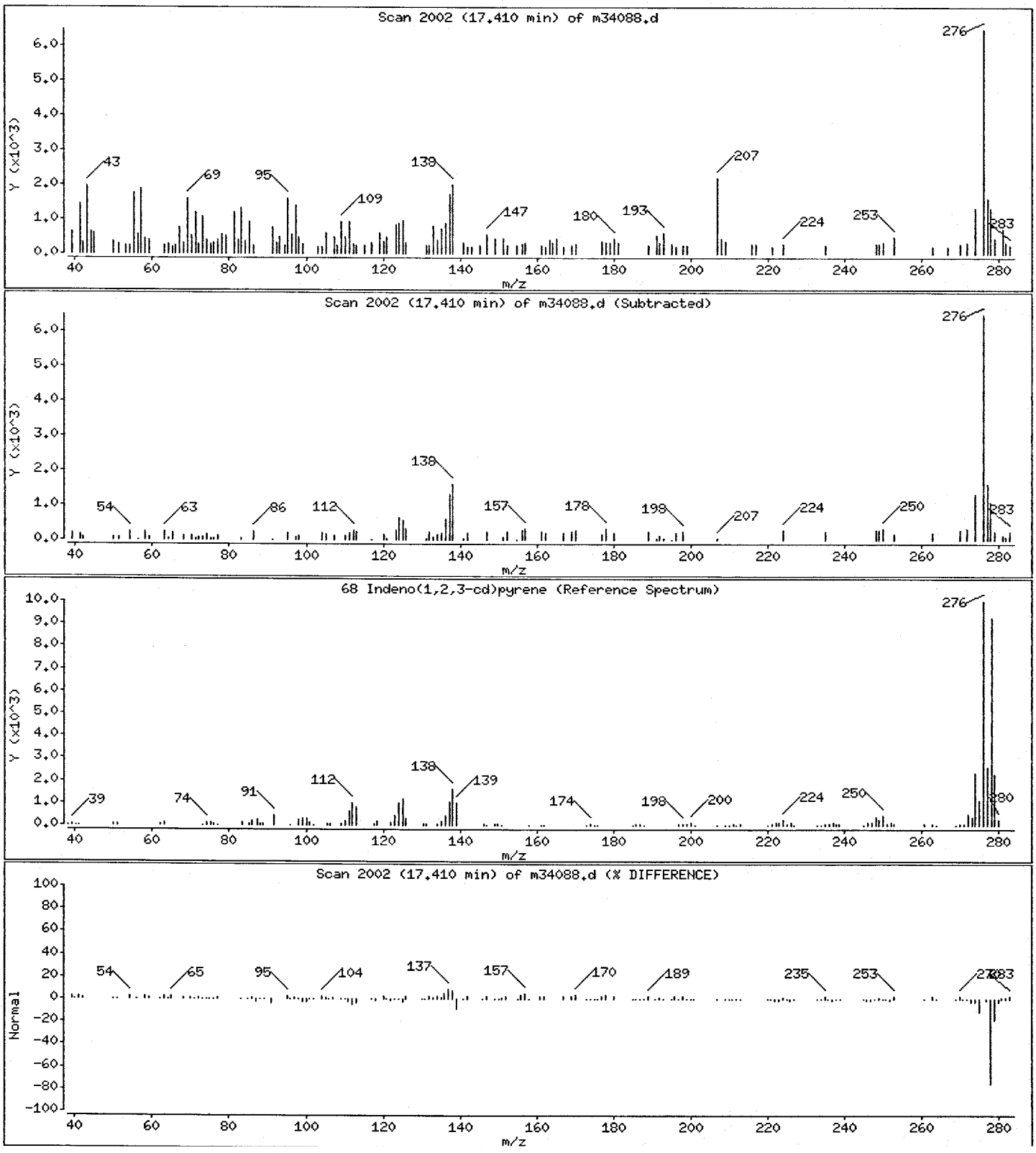
Client ID: 032608-0900 Instrument: BNAMS6.i

Sample Info: 908697;4225897

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

68 Indeno(1,2,3-cd)pyrene Concentration: 51 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

Client ID: 032608-0900

Instrument: BNAMS6.i

Sample Info: 908697;4225897

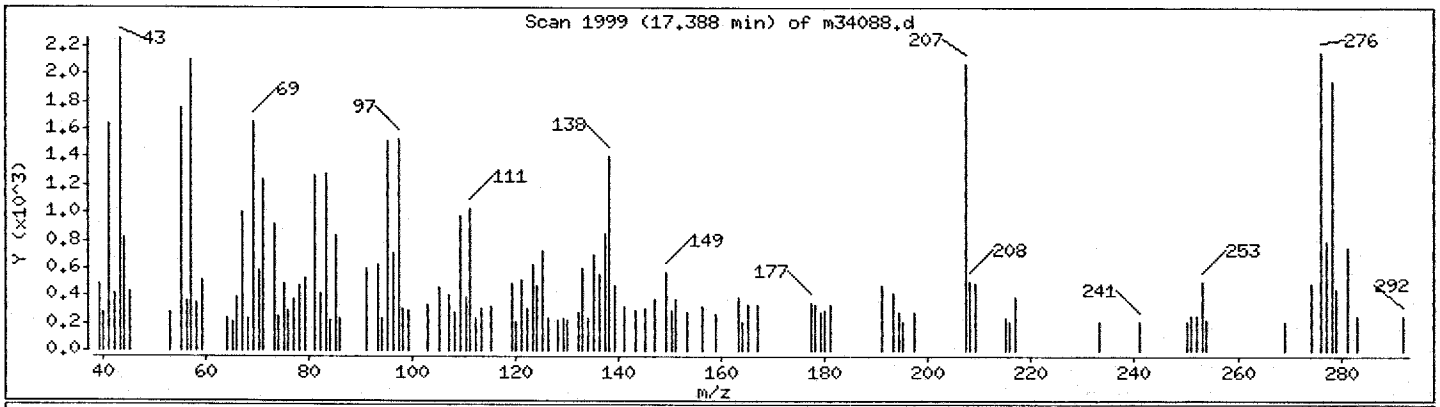
Operator: BNAMS 4

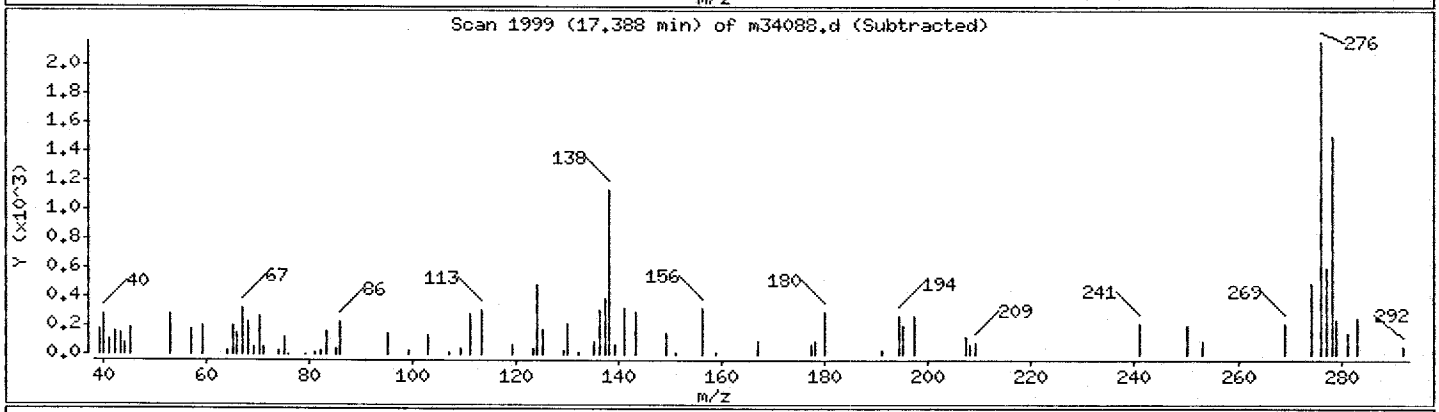
Column phase: DB-5

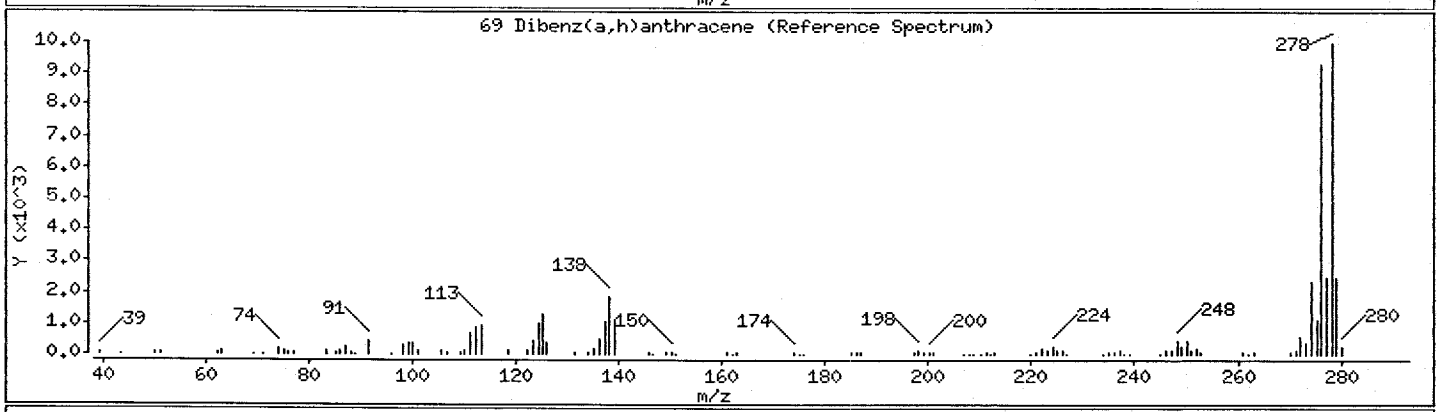
Column diameter: 0.25

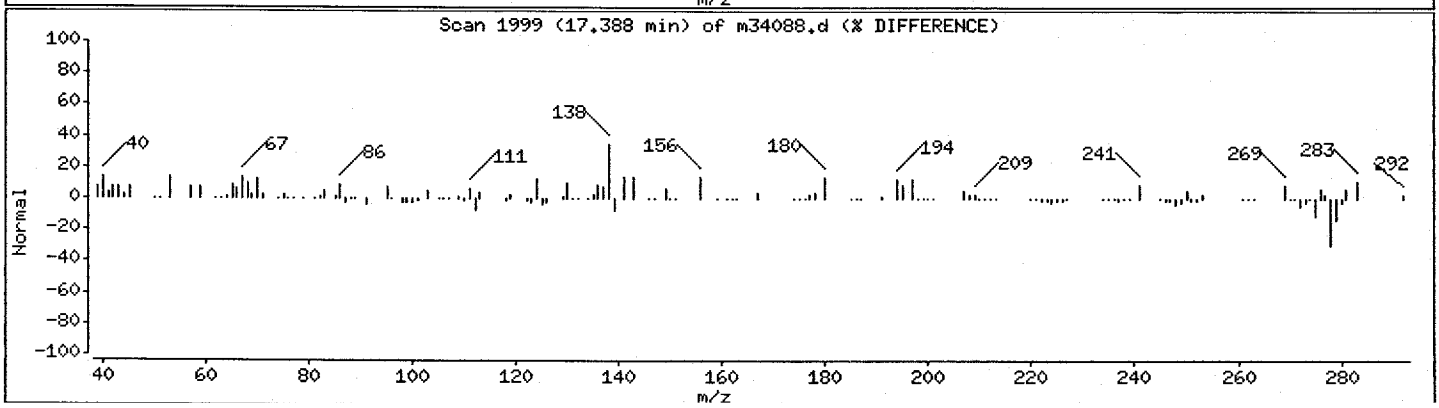
69 Dibenz(a,h)anthracene

Concentration: 21 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

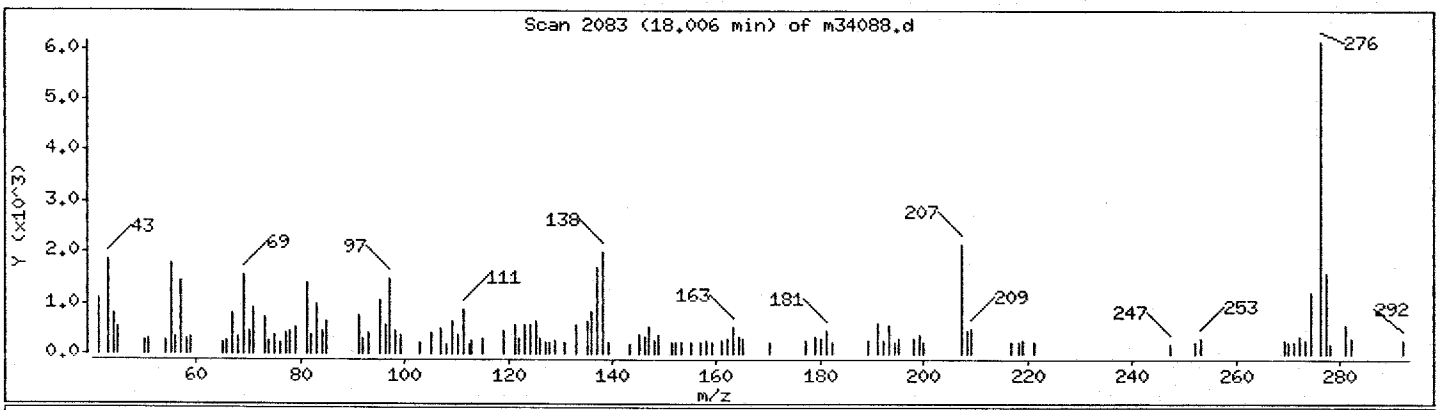
Client ID: 032608-0900 Instrument: BNAMS6.i

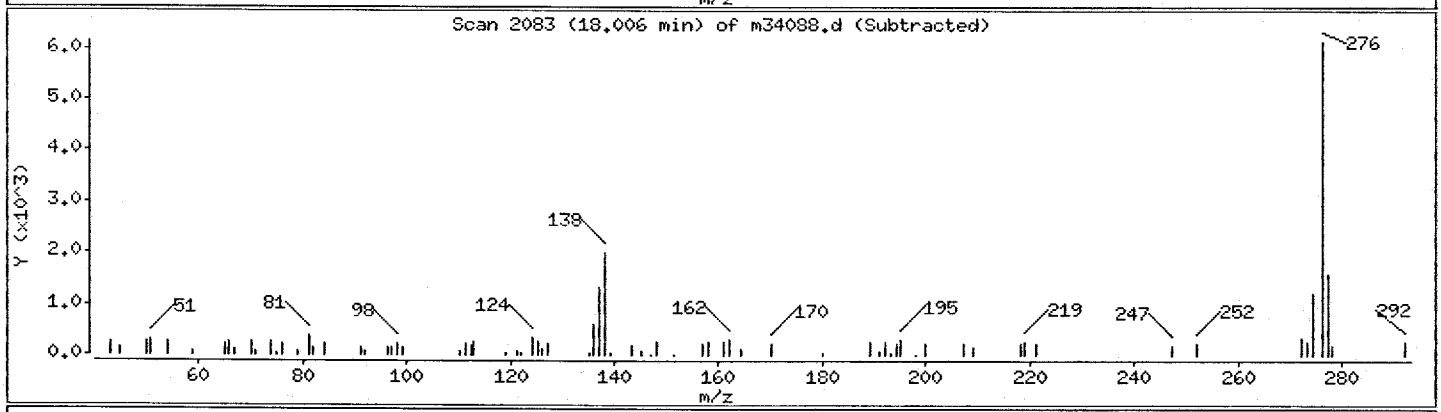
Sample Info: 908697;4225897

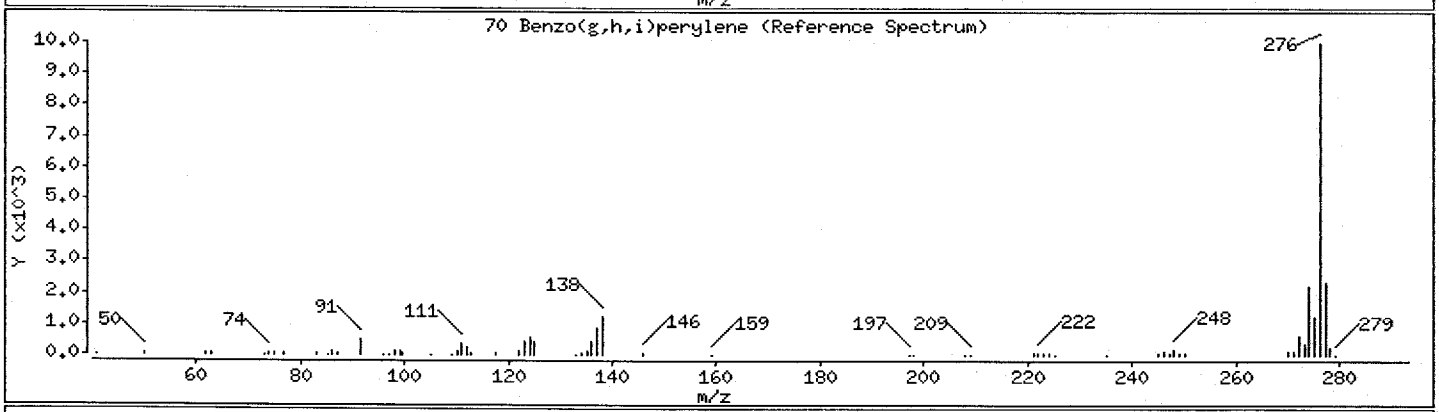
Operator: BNAMS 4

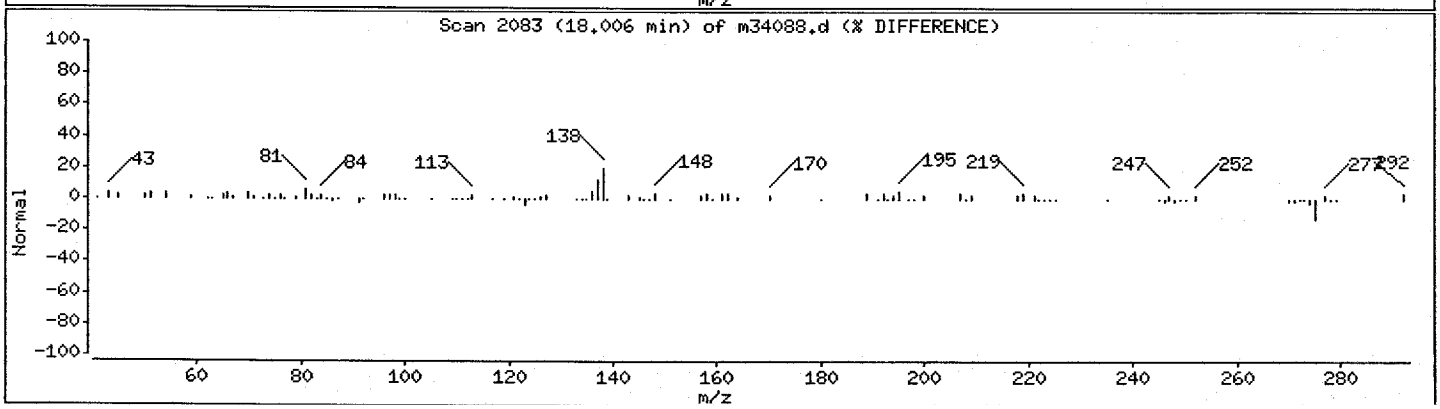
Column phase: DB-5 Column diameter: 0.25

70 Benzo(g,h,i)perylene Concentration: 58 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

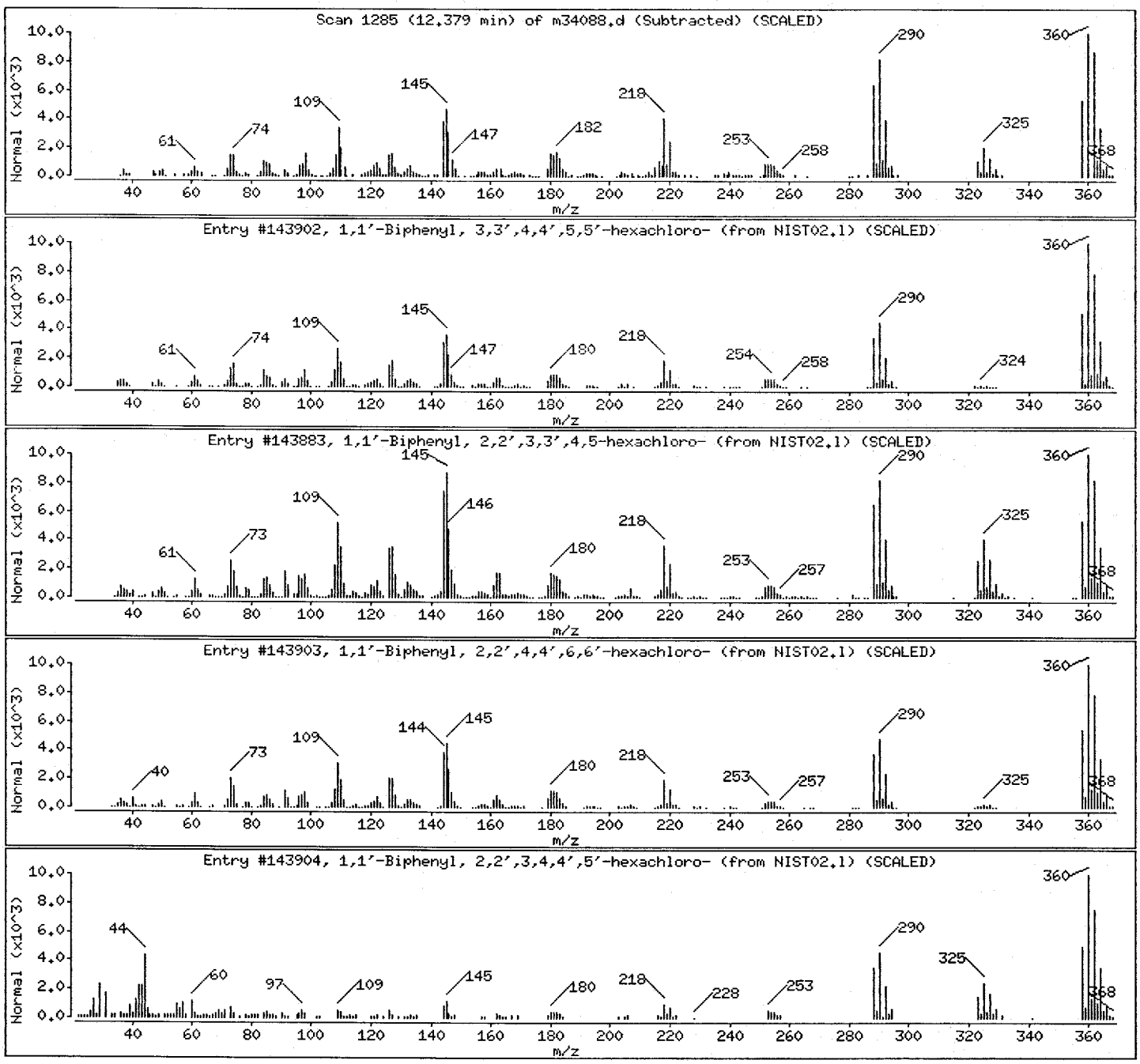
Client ID: 032608-0900 Instrument: BNAMS6.i

Sample Info: 908697;4225897

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	98	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,5-hexachloro-	55215-18-4	NIST02.l	143883	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	33979-03-2	NIST02.l	143903	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	95	C12H4Cl6	358



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Date : 08-APR-2008 11:15

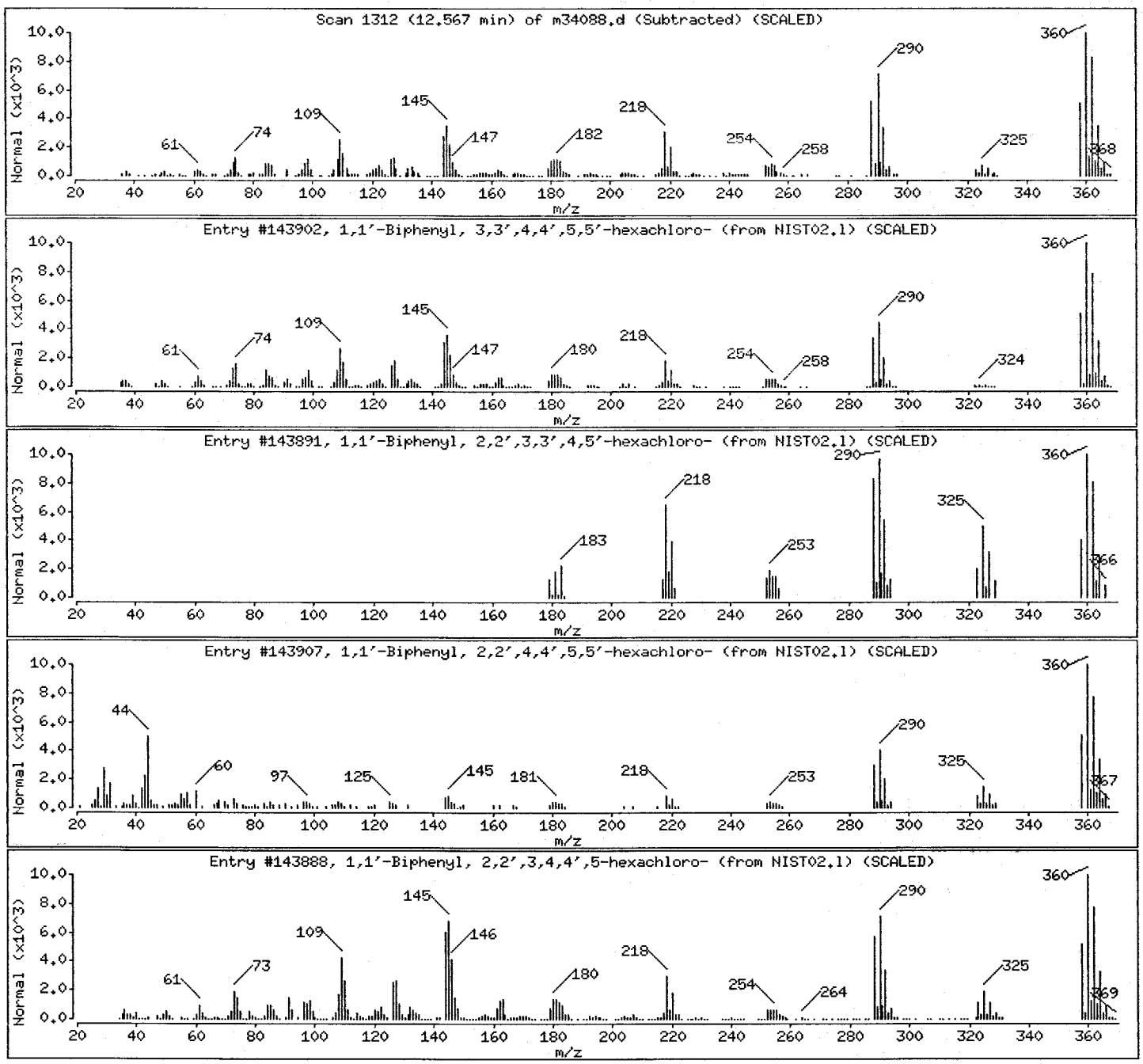
Client ID: 032608-0900 Instrument: BNAMS6.i

Sample Info: 908697;4225897

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	98	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,5'-hexachloro	52663-66-8	NIST02.l	143891	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	35065-27-1	NIST02.l	143907	94	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5-hexachloro-	35694-06-5	NIST02.l	143888	94	C12H4Cl6	358



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

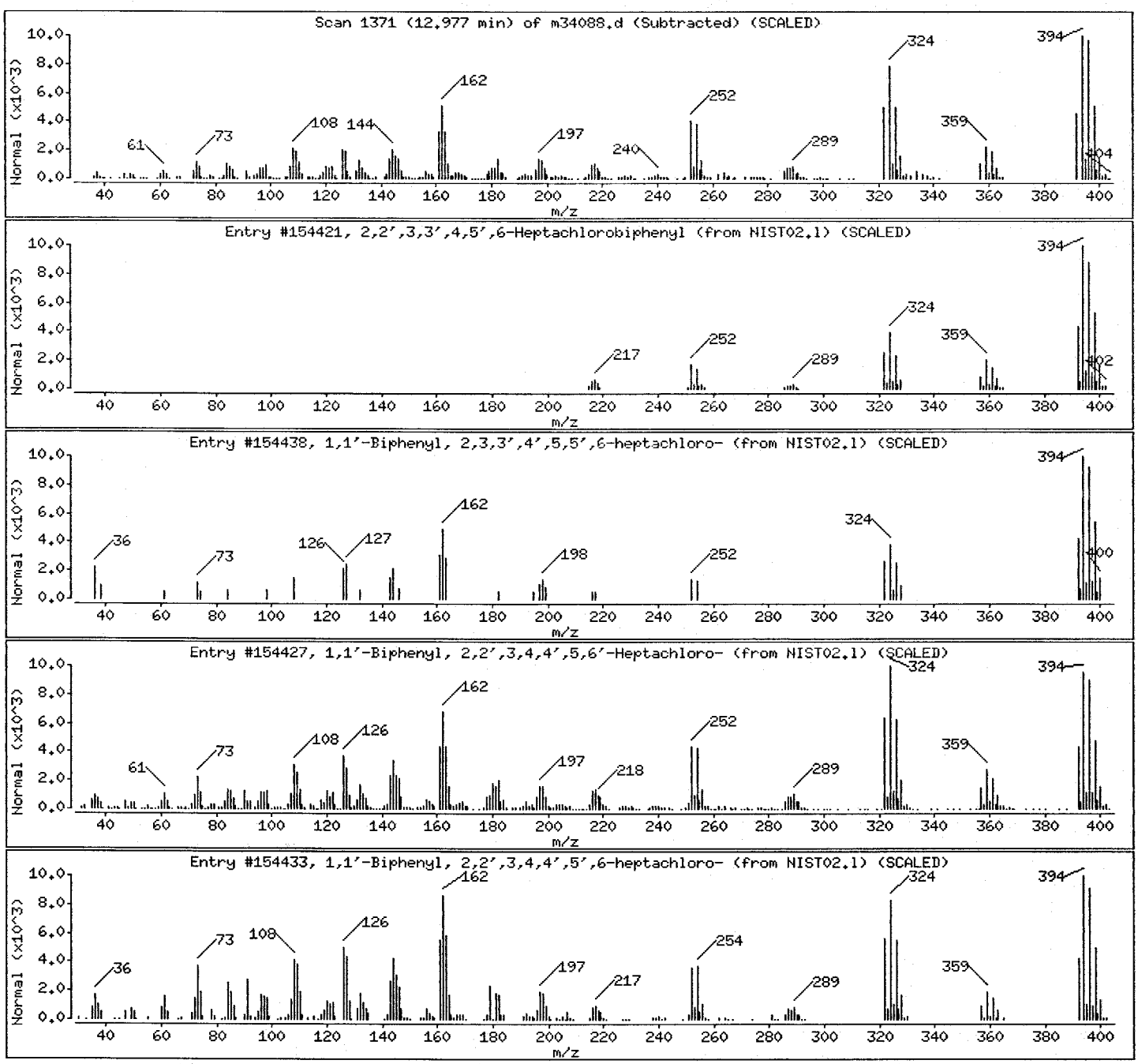
Client ID: 032608-0900 Instrument: BNAMS6.i

Sample Info: 908697;4225897

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,6'-Heptachl	60145-23-5	NIST02.l	154427	93	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5',6-heptachl	52663-69-1	NIST02.l	154433	91	C12H3Cl7	392



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Date : 08-APR-2008 11:15

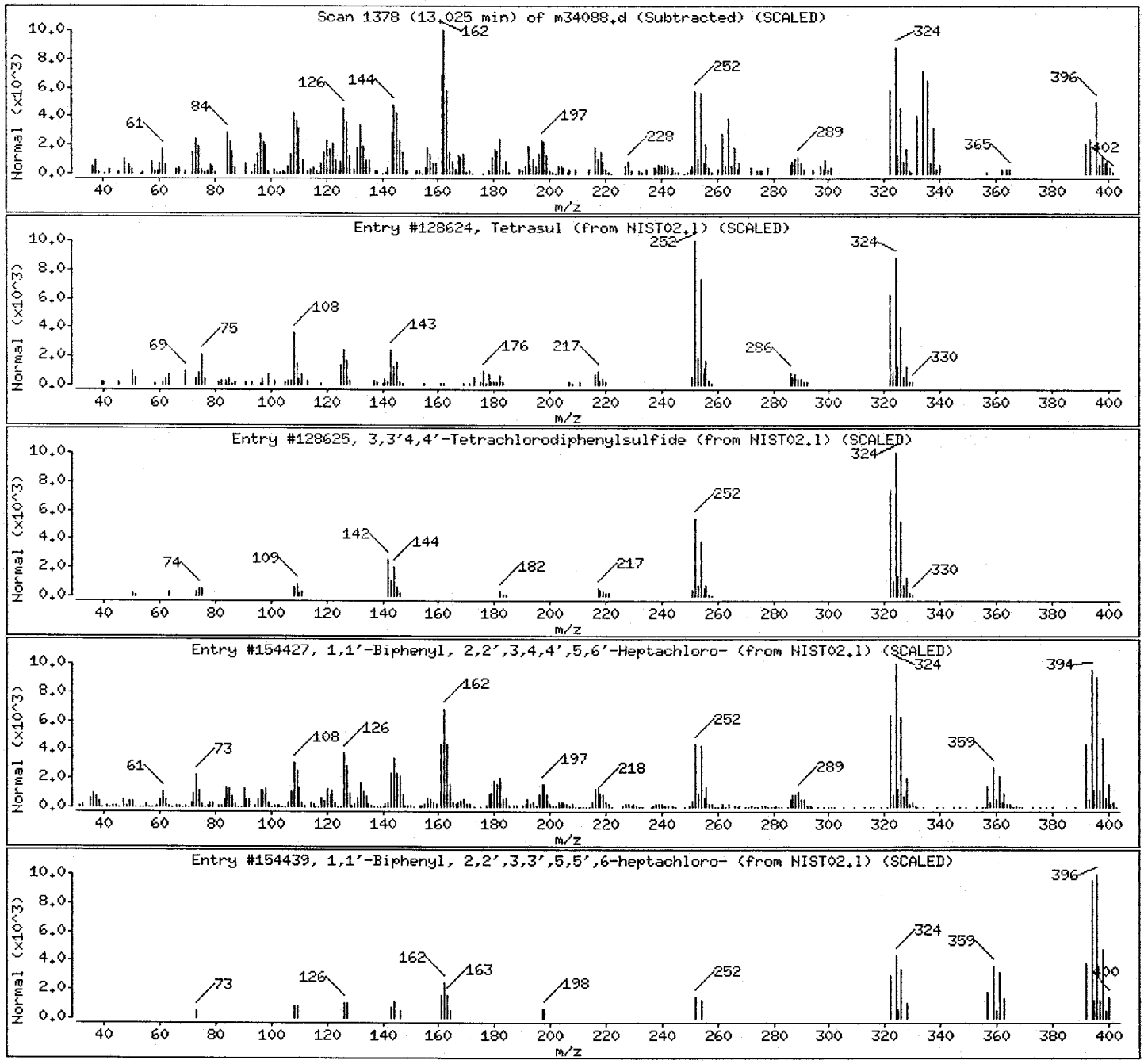
Client ID: 032608-0900 Instrument: BNAMS6.i

Sample Info: 908697;4225897

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
Tetrasul	2227-13-6	NIST02.l	128624	95	C12H6C14S	322
3,3'4,4'-Tetrachlorodiphenylsulfide	76745-12-5	NIST02.l	128625	64	C12H6C14S	322
1,1'-Biphenyl, 2,2',3,4,4',5,6'-Heptachl	60145-23-5	NIST02.l	154427	58	C12H3C17	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	50	C12H3C17	392



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Date : 08-APR-2008 11:15

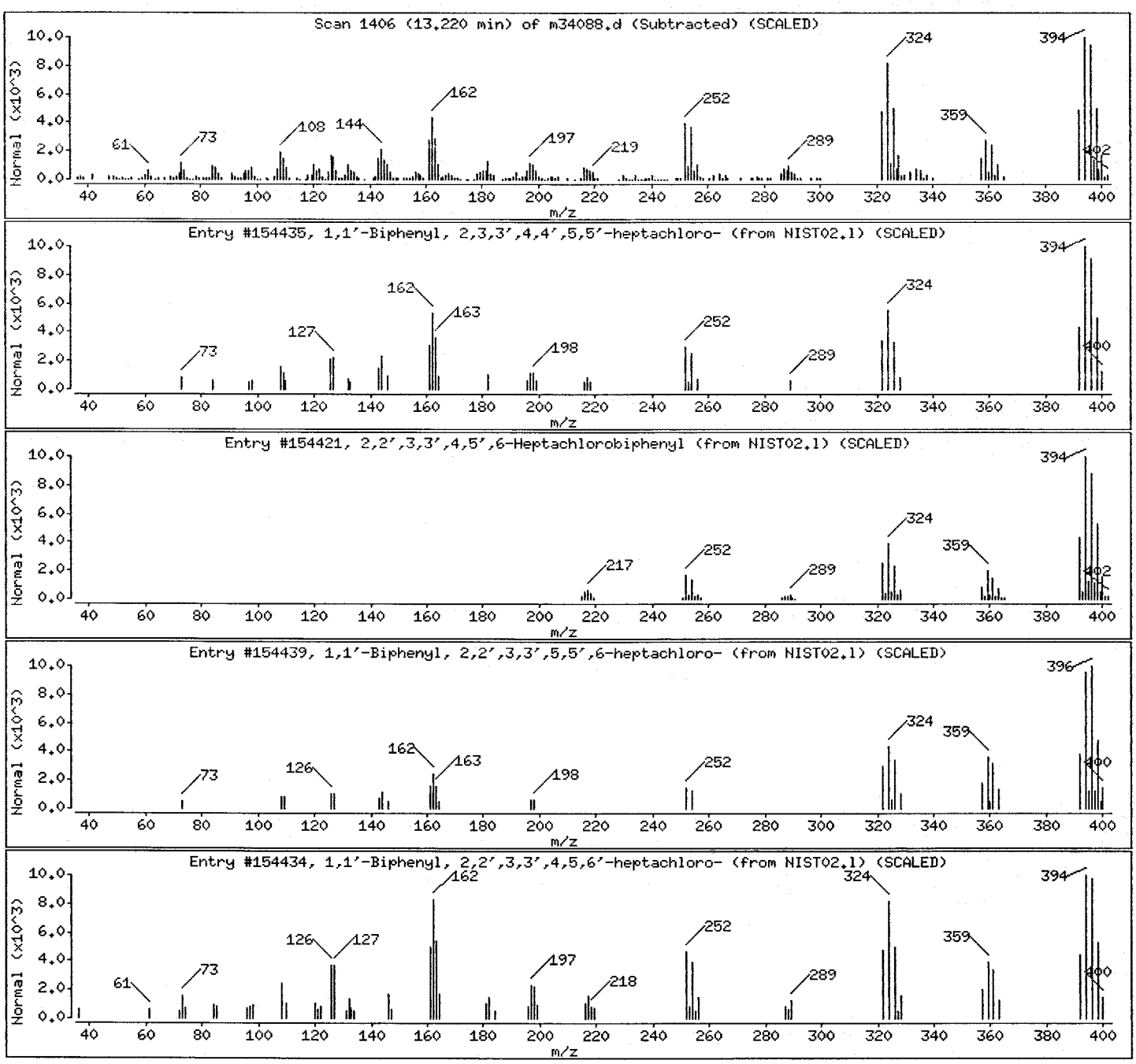
Client ID: 032608-0900 Instrument: BNAMS6.i

Sample Info: 908697;4225897

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	96	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,5,6'-heptachl	38411-25-5	NIST02.l	154434	96	C12H3Cl7	392



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Date : 08-APR-2008 11:15

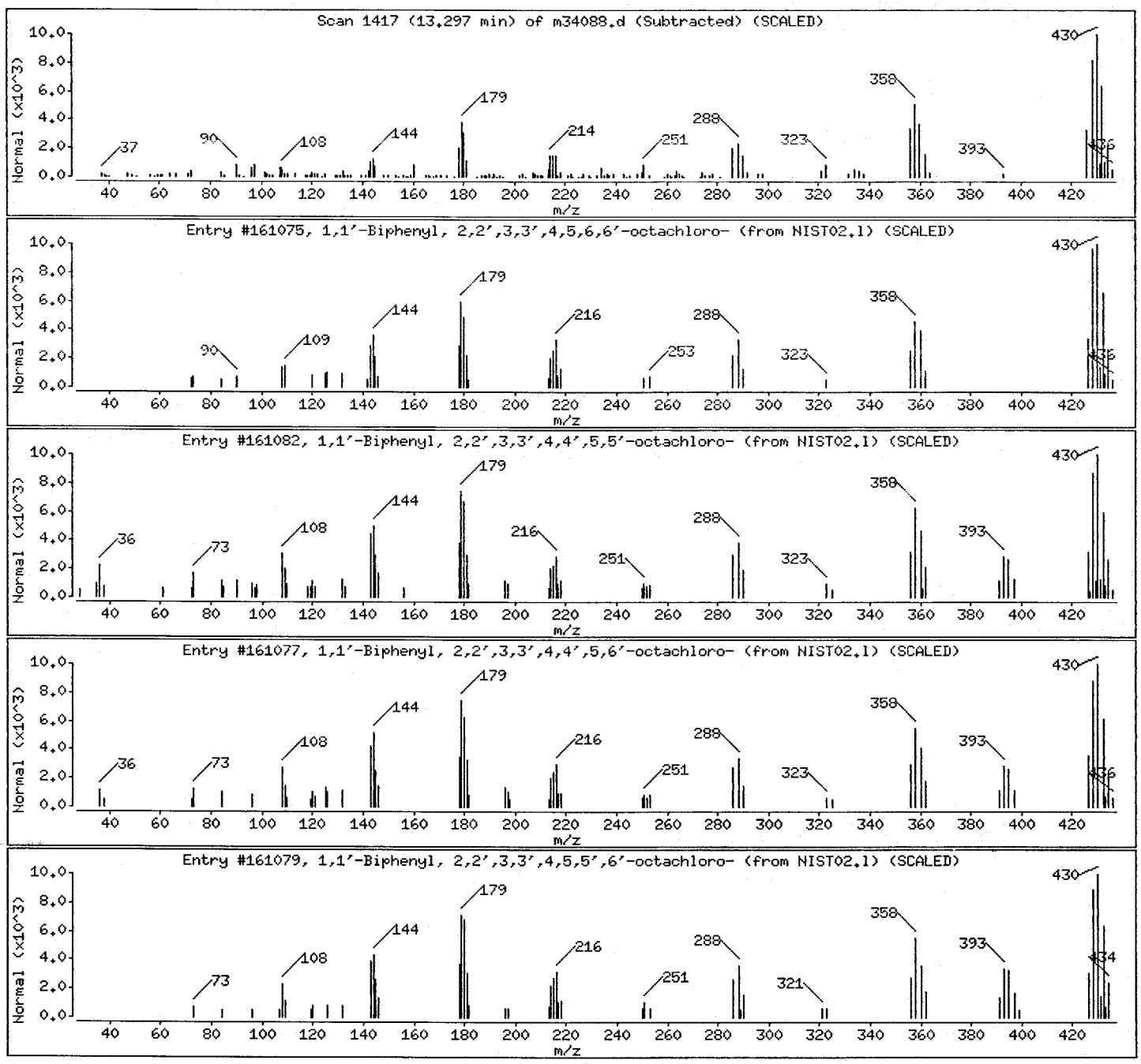
Client ID: 032608-0900 Instrument: BNAMS6.i

Sample Info: 908697;4225897

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	90	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	90	C12H2Cl8	426



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Date : 08-APR-2008 11:15

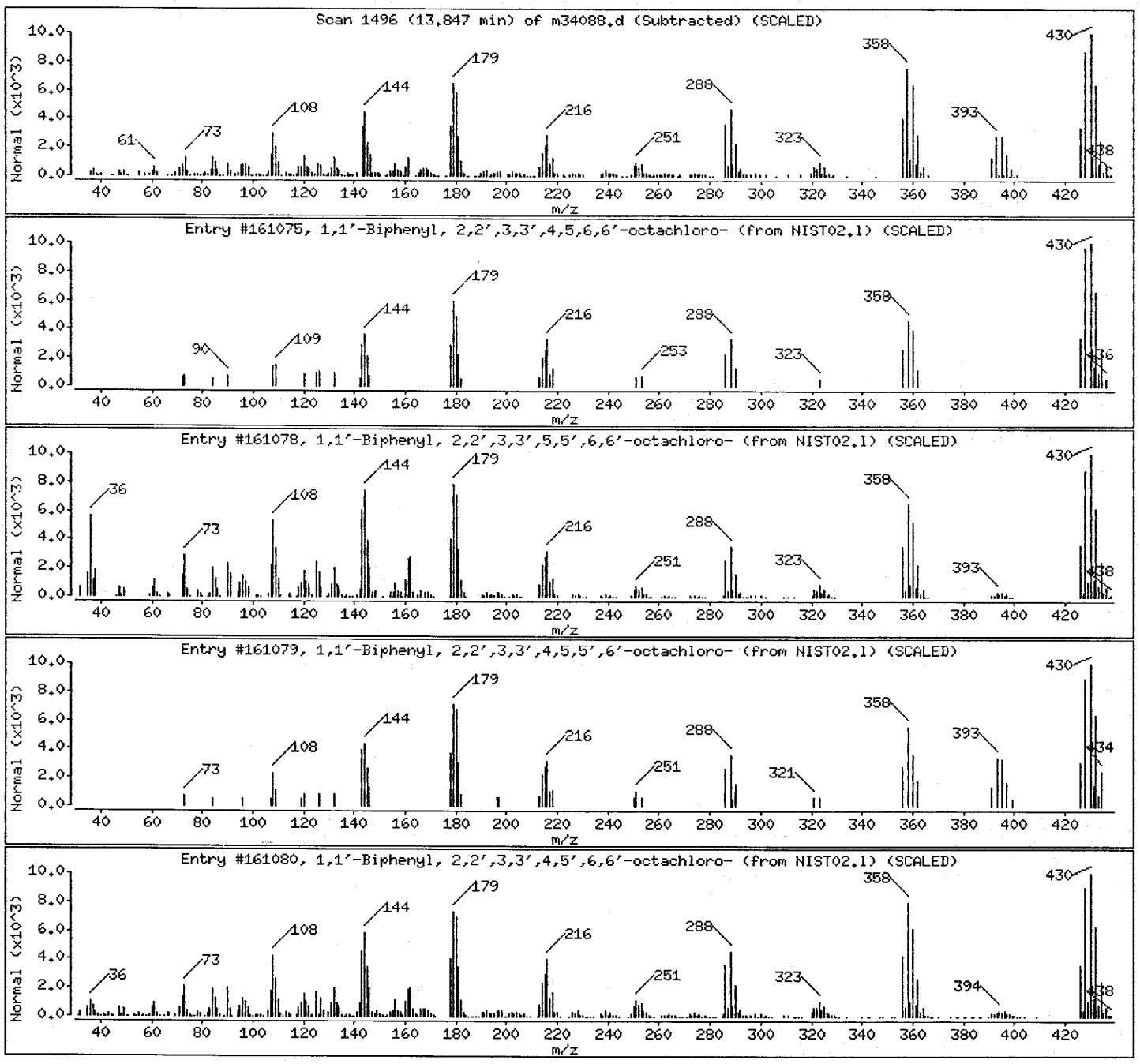
Client ID: 032608-0900 Instrument: BNAMS6.i

Sample Info: 908697;4225897

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	87	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	87	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	45	C12H2C18	426



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

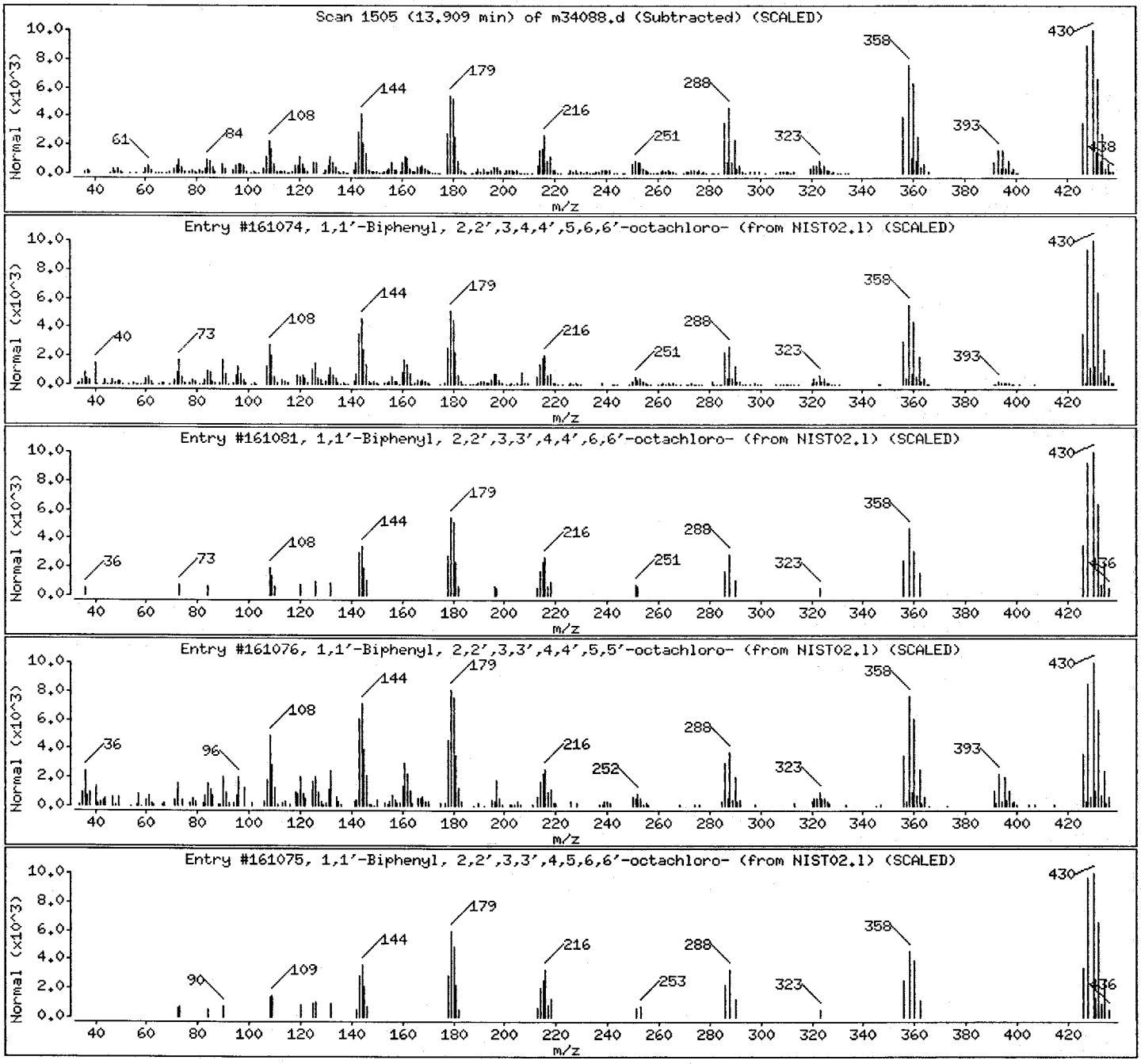
Client ID: 032608-0900 Instrument: BNAMS6.i

Sample Info: 908697;4225897

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-octach	74472-52-9	NIST02.l	161074	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161076	87	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	76	C12H2C18	426



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

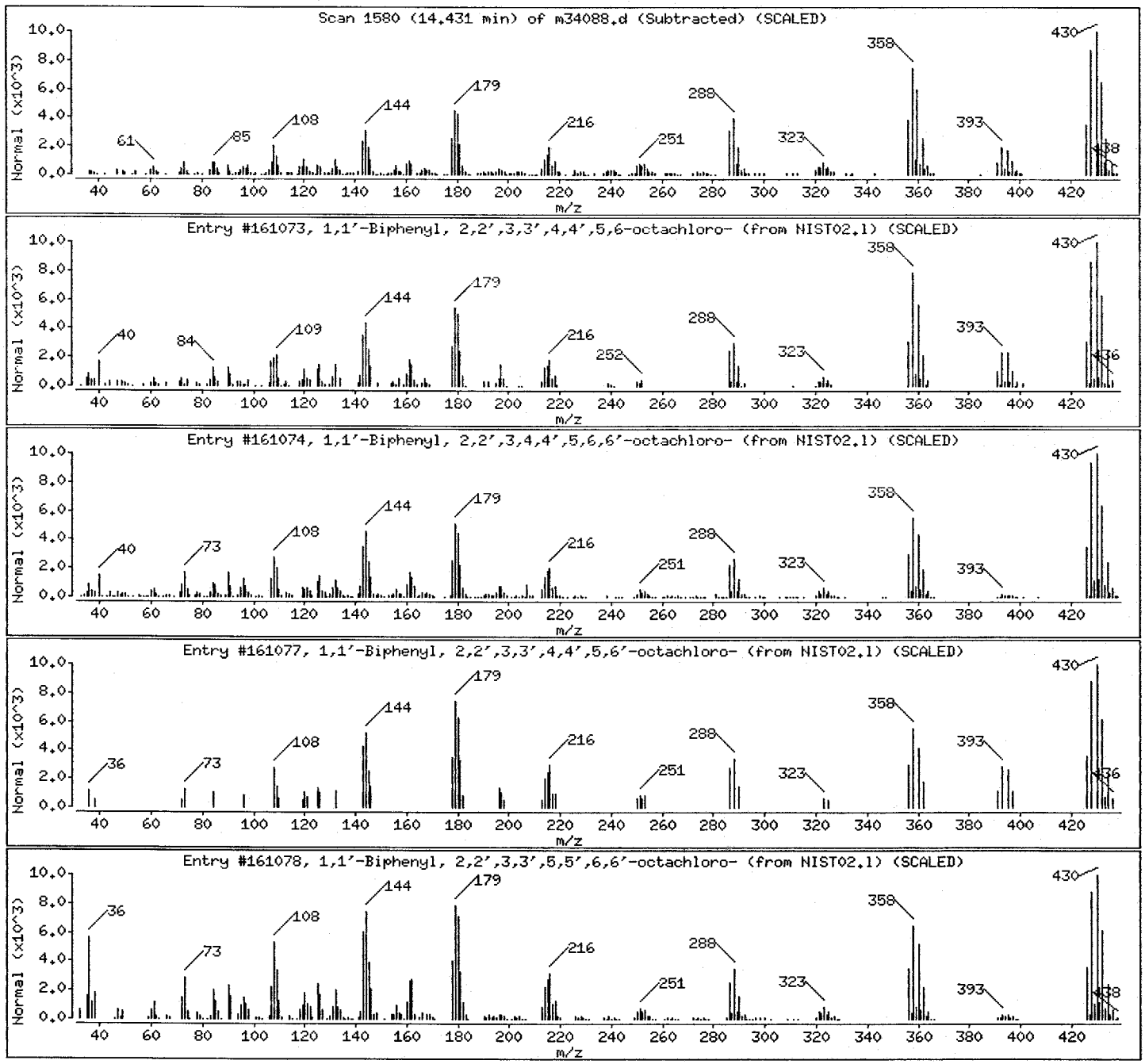
Client ID: 032608-0900 Instrument: BNAMS6.i

Sample Info: 908697;4225897

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-octach	74472-52-9	NIST02.l	161074	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	97	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	91	C12H2Cl8	426



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34088.d

Date : 08-APR-2008 11:15

Client ID: 032608-0900

Instrument: BNAMS6.i

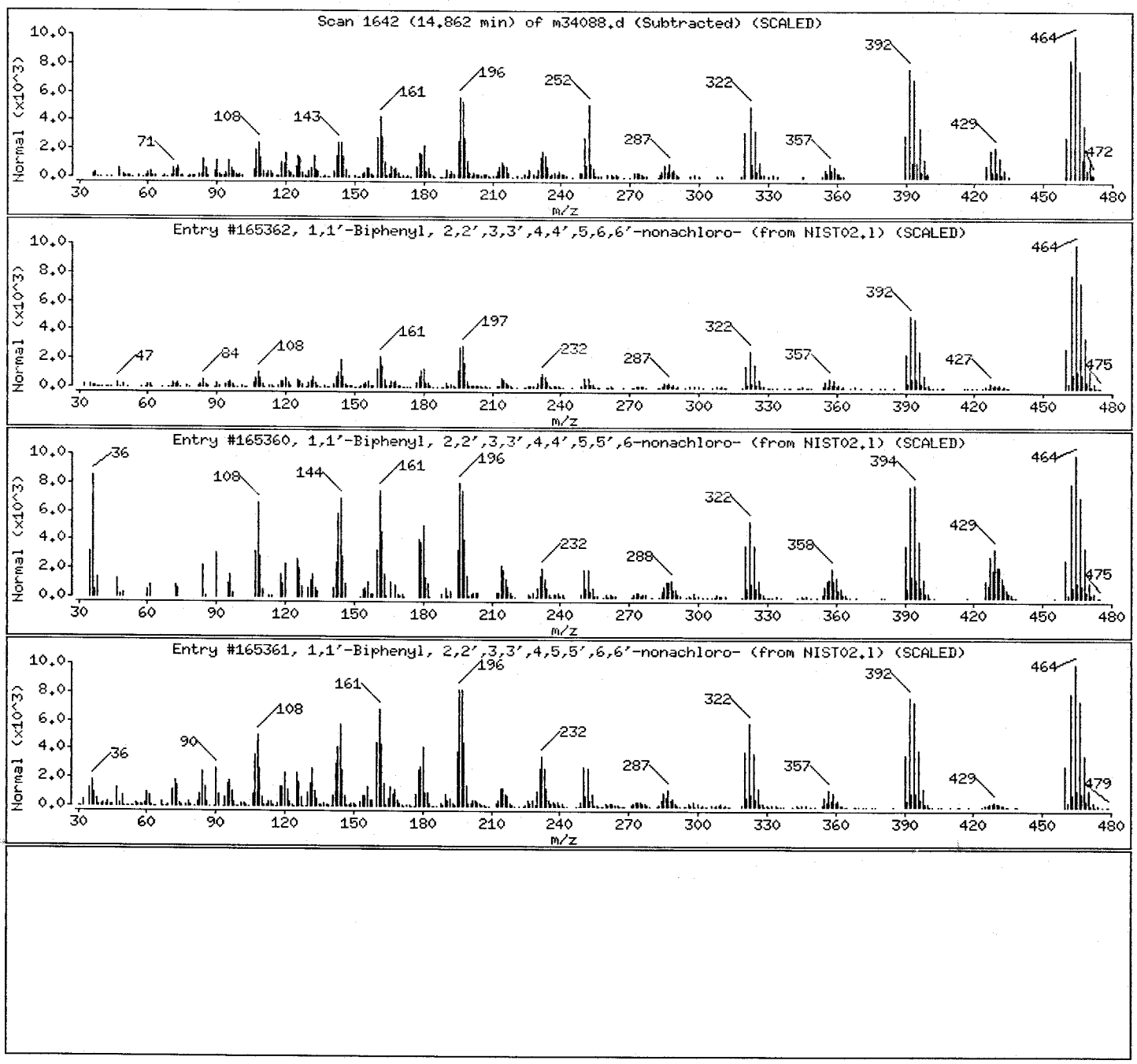
Sample Info: 908697;4225897

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Nonylchloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6,6'-non	52663-79-3	NIST02.l	165362	96	C12HCl9	460
1,1'-Biphenyl, 2,2',3,3',4,4',5,5',6-non	40186-72-9	NIST02.l	165360	87	C12HCl9	460
1,1'-Biphenyl, 2,2',3,3',4,5,5',6,6'-non	52663-77-1	NIST02.l	165361	68	C12HCl9	460



Client ID: **032608-0905**
Site: BP Hastings

Lab Sample No: **908698**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44003.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 34

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	500
2-Chlorophenol	ND	500
2-Methylphenol	ND	500
4-Methylphenol	160 J	500
2-Nitrophenol	ND	500
2,4-Dimethylphenol	ND	500
2,4-Dichlorophenol	ND	500
4-Chloro-3-methylphenol	ND	500
2,4,6-Trichlorophenol	ND	500
2,4,5-Trichlorophenol	ND	500
2,4-Dinitrophenol	ND	1500
4-Nitrophenol	ND	1500
4,6-Dinitro-2-methylphenol	ND	1500
Pentachlorophenol	ND	1500

Client ID: **032608-0905**
Site: BP Hastings

Lab Sample No: **908698**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44003.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 34

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	50
1,3-Dichlorobenzene	ND	500
1,4-Dichlorobenzene	ND	500
1,2-Dichlorobenzene	ND	500
bis(2-chloroisopropyl)ether	ND	500
N-Nitroso-di-n-propylamine	ND	50
Hexachloroethane	ND	50
Nitrobenzene	ND	50
Isophorone	ND	500
bis(2-Chloroethoxy)methane	ND	500
1,2,4-Trichlorobenzene	ND	50
Naphthalene	270 J	500
4-Chloroaniline	ND	500
Hexachlorobutadiene	ND	100
2-Methylnaphthalene	21 J	500
Hexachlorocyclopentadiene	ND	500
2-Chloronaphthalene	ND	500
2-Nitroaniline	ND	1000
Dimethylphthalate	ND	500
Acenaphthylene	ND	500
2,6-Dinitrotoluene	ND	100
3-Nitroaniline	ND	1000
Acenaphthene	98 J	500
Dibenzofuran	43 J	500
2,4-Dinitrotoluene	ND	100
Diethylphthalate	ND	500
4-Chlorophenyl-phenylether	ND	500
Fluorene	92 J	500
4-Nitroaniline	ND	1000
N-Nitrosodiphenylamine	ND	500
4-Bromophenyl-phenylether	ND	500
Hexachlorobenzene	ND	50
Phenanthrene	1200	500
Anthracene	340 J	500

Client ID: **032608-0905**
Site: BP Hastings

Lab Sample No: **908698**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44003.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 34

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	67 J	500
Di-n-butylphthalate	ND	500
Fluoranthene	1600	500
Pyrene	2000	500
Butylbenzylphthalate	ND	500
3,3'-Dichlorobenzidine	ND	1000
Benzo(a)anthracene	980	50
Chrysene	1100	500
bis(2-Ethylhexyl)phthalate	ND	500
Di-n-octylphthalate	ND	500
Benzo(b)fluoranthene	640	50
Benzo(k)fluoranthene	920	50
Benzo(a)pyrene	870	50
Indeno(1,2,3-cd)pyrene	270	50
Dibenz(a,h)anthracene	110	50
Benzo(g,h,i)perylene	250 J	500

Client ID: **032608-0905**
Site: BP Hastings

Lab Sample No: **908698**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44003.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 33.9

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Unknown	11.08	500	
2. Unknown	11.17	1600	
3. C15H10 PAH	11.20	420	
4. Unknown	11.27	2100	
5. Unknown	11.38	1600	
6. Unknown	11.48	420	
7. Phenanthrene, 1-methyl-7-(1-methylethy	12.31	1500	
8. C17H12 PAH	12.38	500	
9. C17H12 PAH	12.45	440	
10. Unknown	13.30	420	
11. Unknown Alkane	13.70	490	
12. Unknown	14.36	410	
13. Unknown Alkane	14.56	1100	
14. Unknown	14.62	2400	
15. C20H12 PAH	15.01	770	
16. C20H12 PAH	15.28	2400	
17. Unknown Alkane	15.49	940	
18. Unknown	16.43	760	
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
TOTAL ESTIMATED CONCENTRATION		18770	

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44003.d
Report Date: 09-Apr-2008 21:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44003.d
Lab Smp Id: 908698 Client Smp ID: 032608-0905
Inj Date : 09-APR-2008 17:59
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 908698;4225898
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS4.i/8270/04-09-08/09apr08.b/8270C_08.m
Meth Date : 09-Apr-2008 21:55 rusin Quant Type: ISTD
Cal Date : 09-APR-2008 13:26 Cal File: u43994.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	33.90000	% Moisture

Cpnd Variable Local Compound Variable

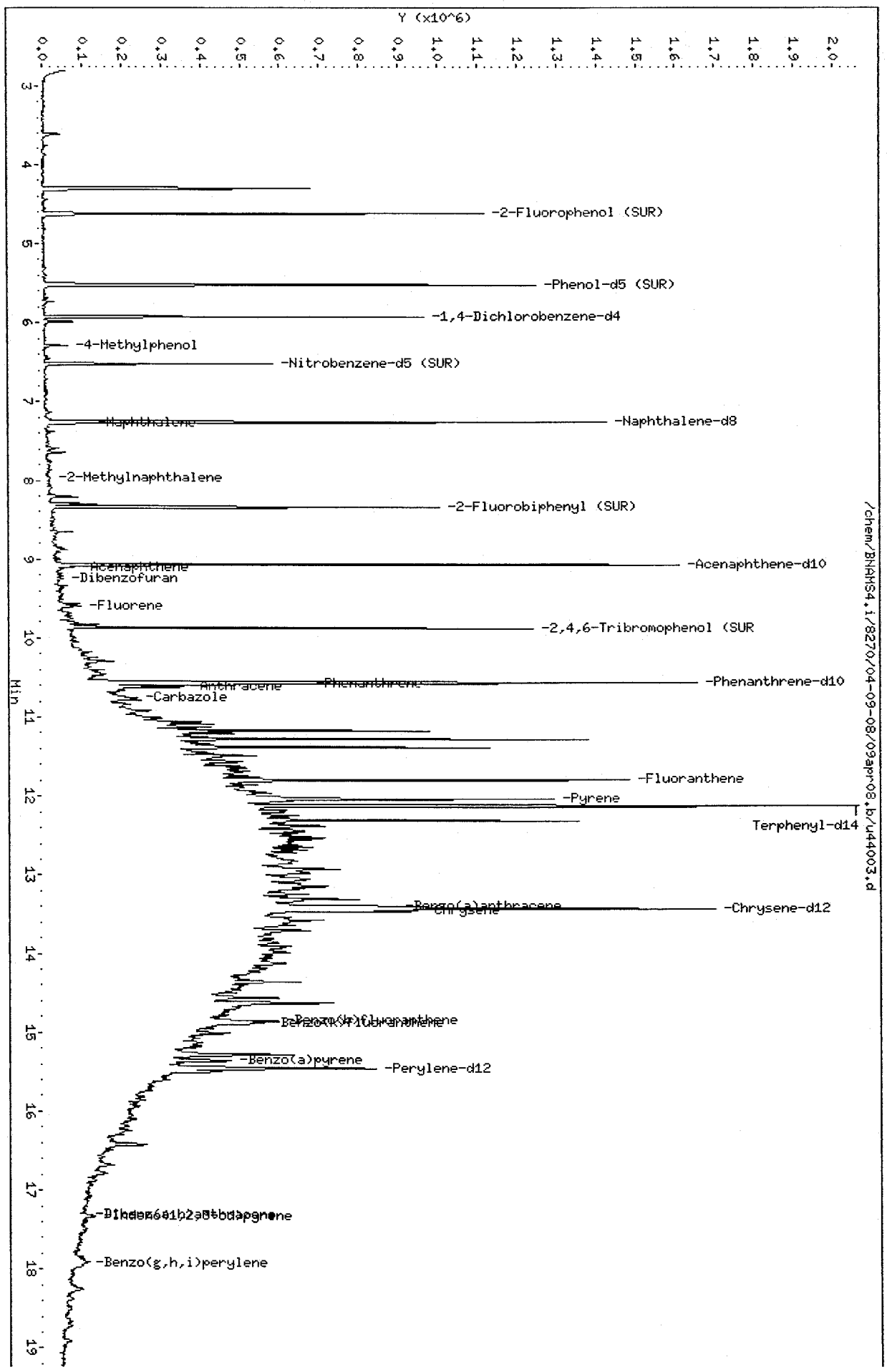
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$	16 2-Fluorophenol (SUR)	112	4.622	4.611	(0.780)	355701	48.7365	4900
$	17 Phenol-d5 (SUR)	99	5.519	5.508	(0.931)	552510	50.2604	5100
*	79 1,4-Dichlorobenzene-d4	152	5.925	5.923	(1.000)	123424	40.0000	
	4 4-Methylphenol	108	6.291	6.288	(1.062)	12669	1.57780	160(a)
$	76 Nitrobenzene-d5 (SUR)	82	6.521	6.517	(0.898)	220852	28.7950	2900
*	80 Naphthalene-d8	136	7.258	7.259	(1.000)	535087	40.0000	
	31 Naphthalene	128	7.281	7.274	(1.003)	36370	2.66438	270(a)
	34 2-Methylnaphthalene	142	7.972	7.973	(1.098)	1960	0.20589	21(a)
$	77 2-Fluorobiphenyl (SUR)	172	8.344	8.341	(0.920)	271604	27.2169	2700
*	82 Acenaphthene-d10	164	9.073	9.066	(1.000)	337647	40.0000	
	42 Acenaphthene	154	9.103	9.104	(1.003)	9111	0.97203	98(a)
	43 Dibenzofuran	168	9.252	9.252	(1.020)	5862	0.42278	43(a)
	47 Fluorene	166	9.602	9.602	(1.058)	10171	0.91746	92(a)

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44003.d
Report Date: 09-Apr-2008 21:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$	18 2,4,6-Tribromophenol (SUR)	330	9.871	9.868	(1.088)	134935	55.7232	5600
*	83 Phenanthrene-d10	188	10.565	10.559	(1.000)	552900	40.0000	
	52 Phenanthrene	178	10.588	10.582	(1.002)	176484	12.0626	1200
	53 Anthracene	178	10.625	10.626	(1.006)	50336	3.40418	340(a)
	54 Carbazole	167	10.767	10.767	(1.019)	8842	0.66609	67(a)
	56 Fluoranthene	202	11.793	11.784	(1.116)	282395	16.2710	1600
	57 Pyrene	202	12.039	12.028	(0.896)	324118	20.0895	2000
$	78 Terphenyl-d14	244	12.124	12.111	(0.903)	471590	38.0508	3800
	61 Benzo(a)anthracene	228	13.394	13.381	(0.997)	145691	9.69497	980
*	81 Chrysene-d12	240	13.429	13.417	(1.000)	575942	40.0000	
	62 Chrysene	228	13.457	13.439	(1.002)	145635	10.8927	1100
	65 Benzo(b)fluoranthene	252	14.863	14.847	(0.962)	77931	6.36733	640
	66 Benzo(k)fluoranthene	252	14.884	14.877	(0.963)	93672	9.17170	920
	67 Benzo(a)pyrene	252	15.357	15.337	(0.994)	85289	8.66471	870
*	84 Perylene-d12	264	15.456	15.449	(1.000)	310119	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.341	17.337	(1.122)	27493	2.65431	270
	69 Dibenz(a,h)anthracene	278	17.312	17.314	(1.120)	9987	1.09691	110
	70 Benzo(g,h,i)perylene	276	17.923	17.910	(1.160)	22386	2.44712	250(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).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Date : 09-APR-2008 17:59
Client ID: 032608-0905
Sample Info: 908698;4225898
Column phase: DB-5
Instrument: BNAMS4.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0
Min
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-4-Methylphenol
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Methylnaphthalene
-2-Fluorobiphenyl (SUR)
-Acenaphthene-d10
-Dibenzofuran
-Fluorene
-2,4,6-Tribromophenol (SUR
-Phenanthrene-d10
-Carbazole
-Fluoranthene
-Pyrene
Terphenyl-d14
-Chrysene-d12
-Benzo(a)pyrene
-Perylene-d12
-Benzo(g,h,i)perylene
/chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44003.d

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44003.d

Date : 09-APR-2008 17:59

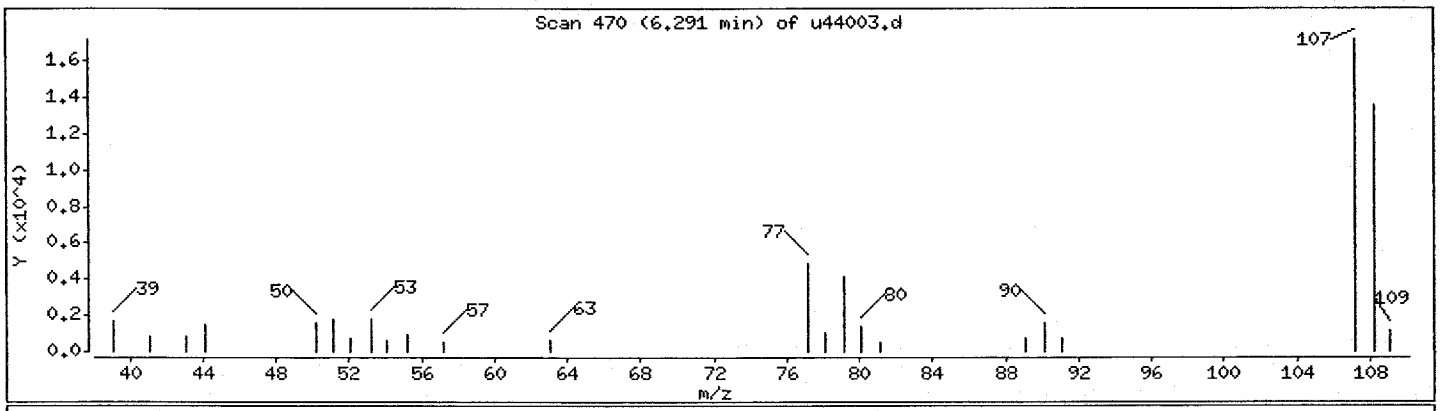
Client ID: 032608-0905 Instrument: BNAMS4.i

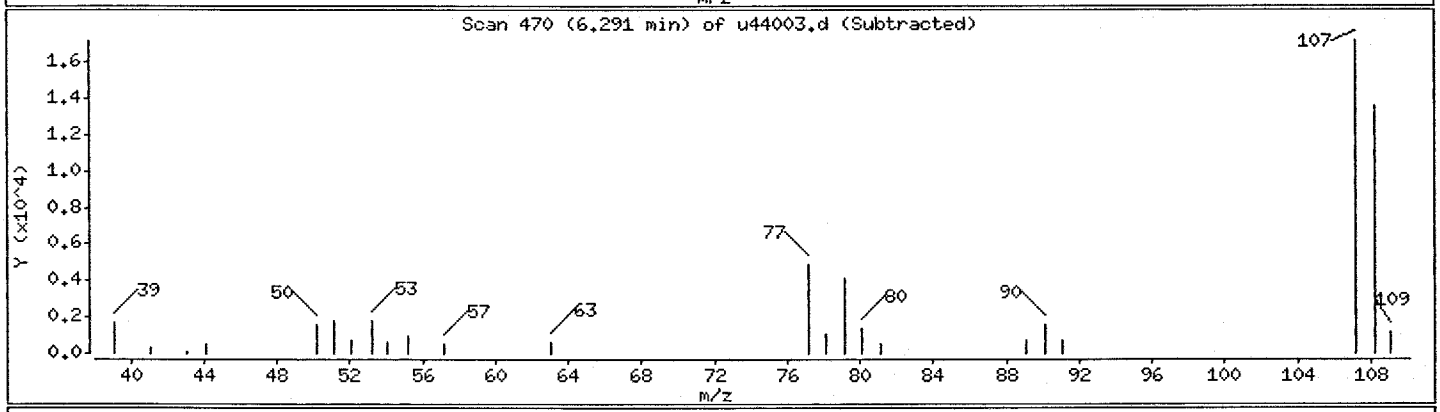
Sample Info: 908698;4225898

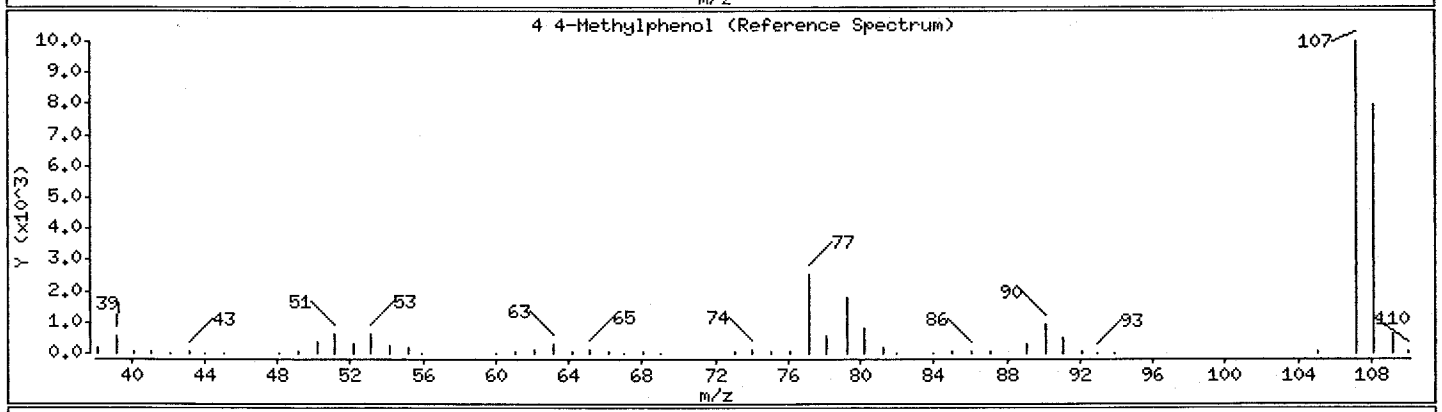
Operator: BNAMS 4

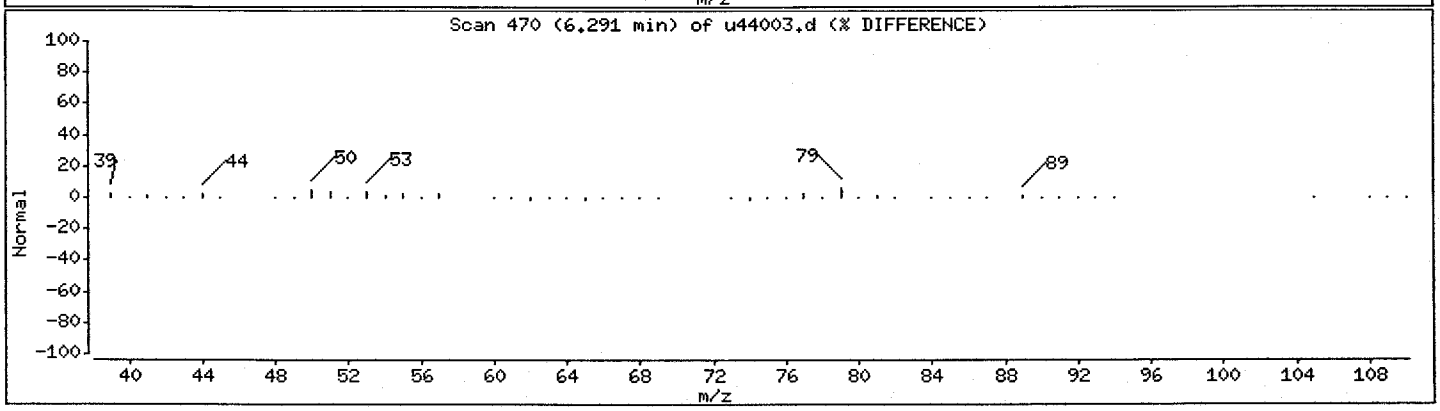
Column phase: DB-5 Column diameter: 0.25

4 4-Methylphenol Concentration: 160 ug/Kg









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Date : 09-APR-2008 17:59

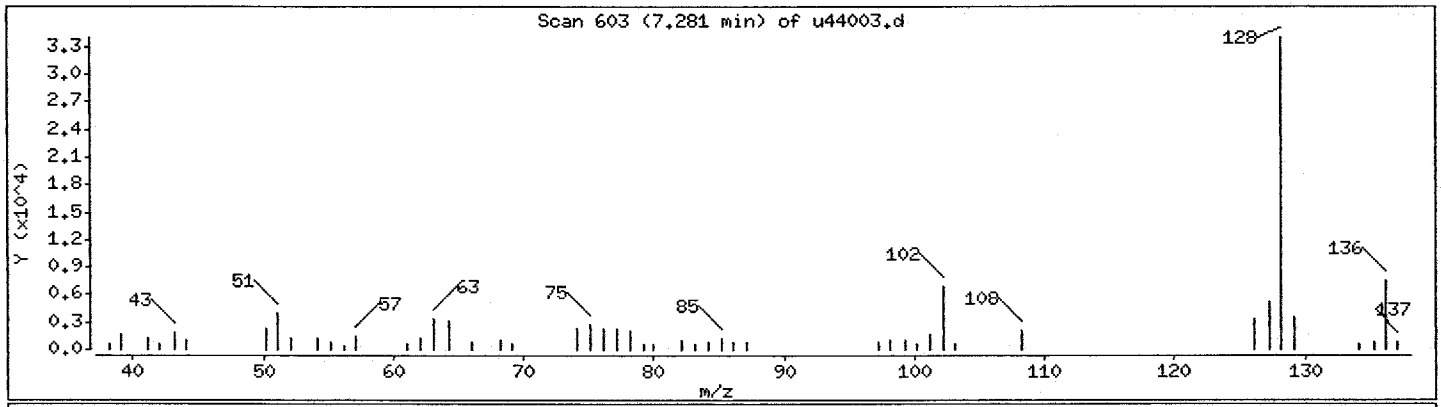
Client ID: 032608-0905 Instrument: BNAMS4.i

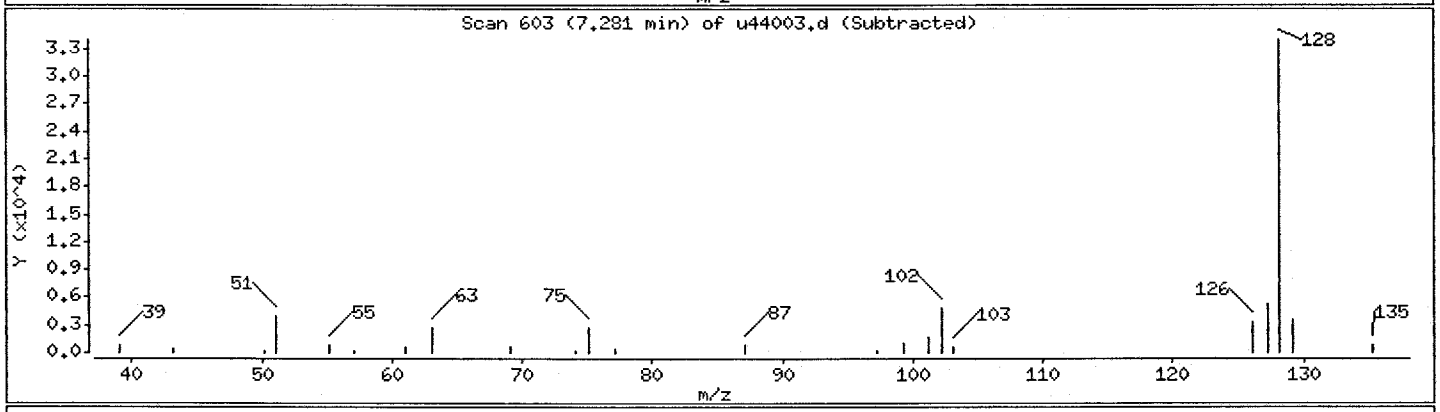
Sample Info: 908698;4225898

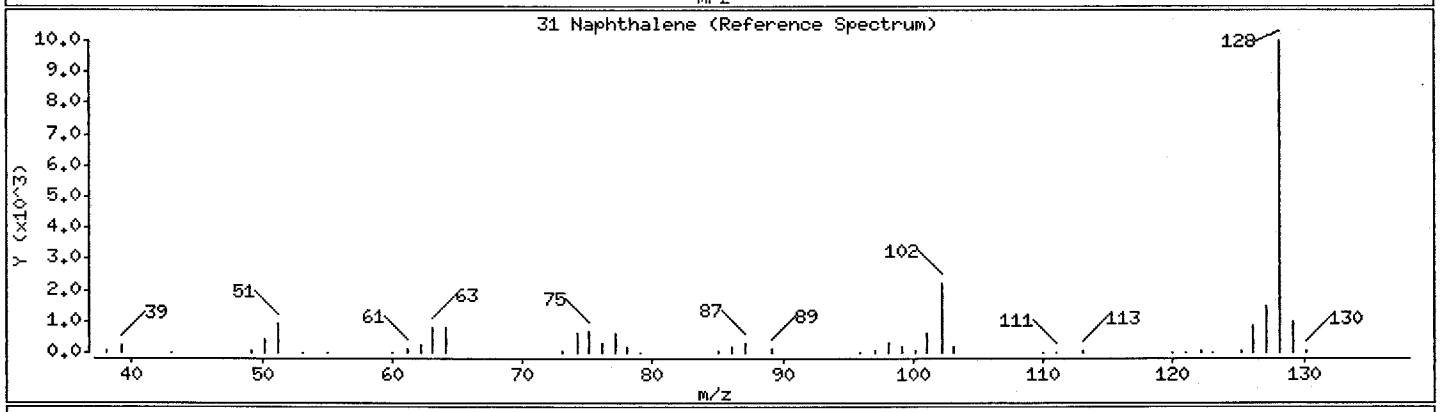
Operator: BNAMS 4

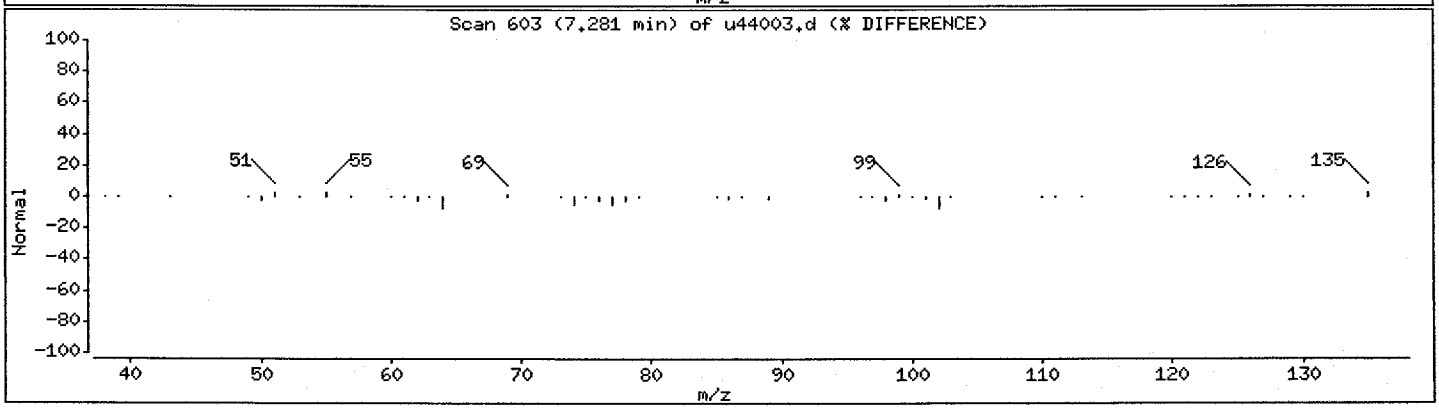
Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 270 ug/Kg









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Date : 09-APR-2008 17:59

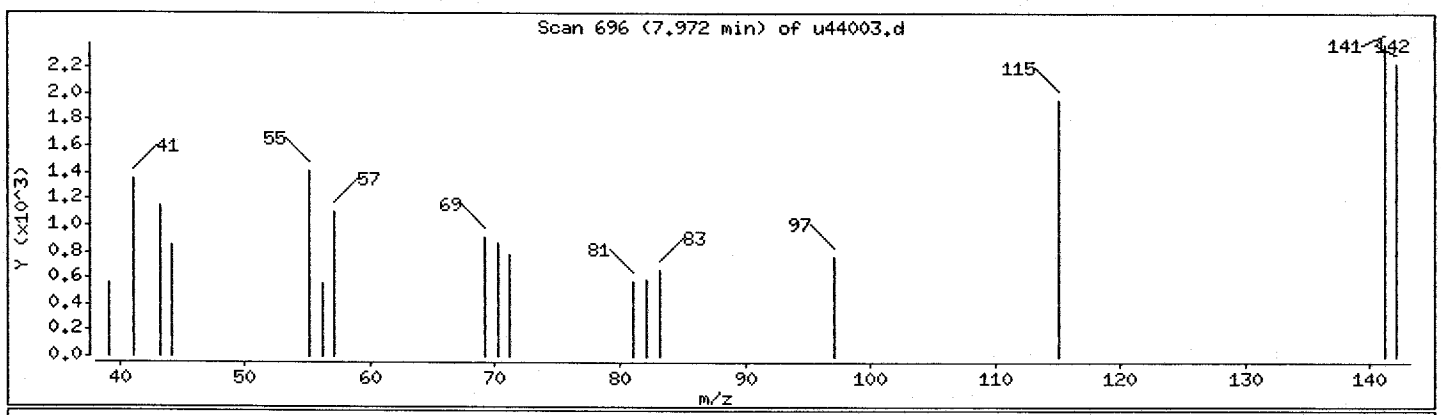
Client ID: 032608-0905 Instrument: BNAMS4.i

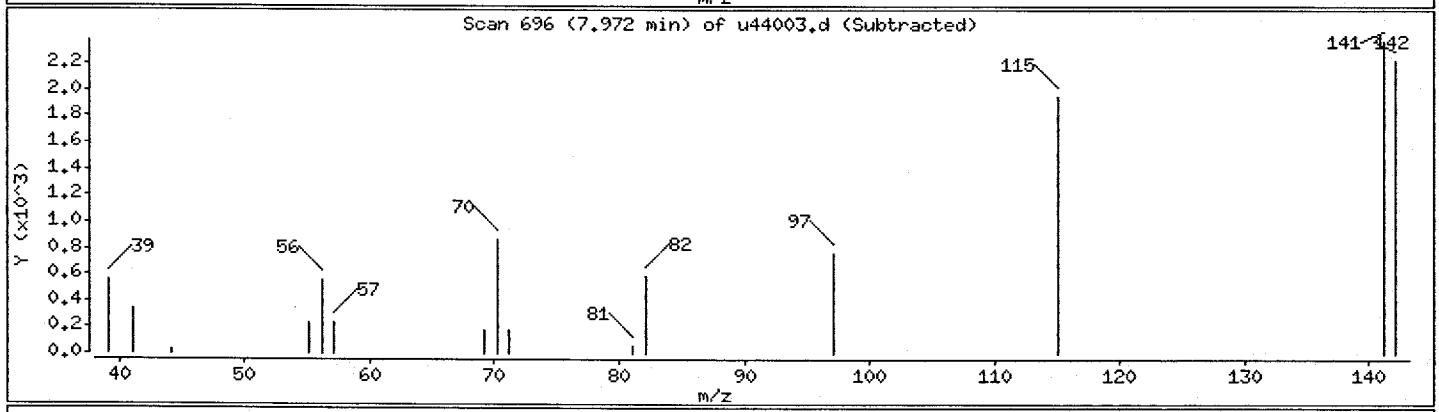
Sample Info: 908698;4225898

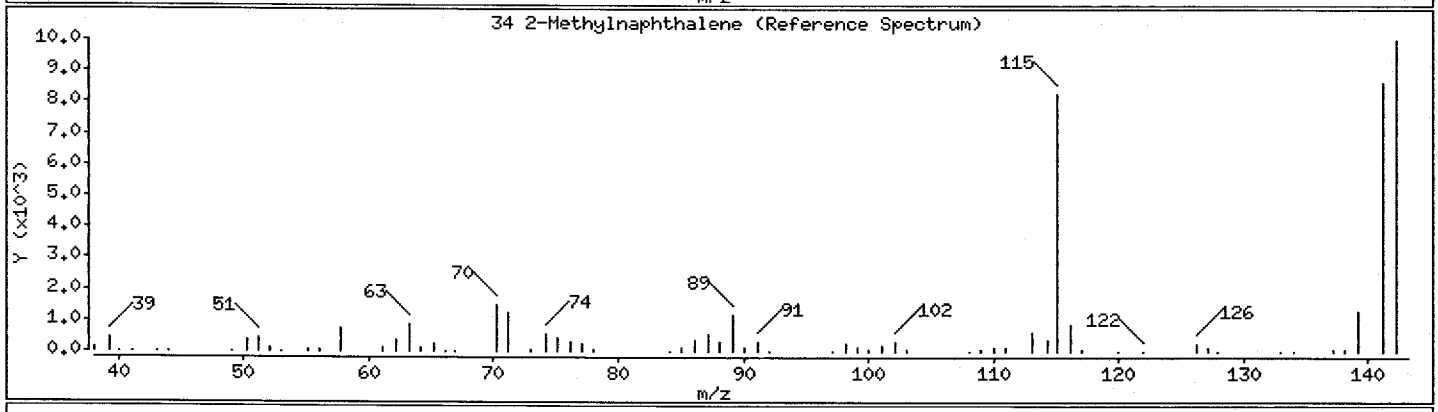
Operator: BNAMS 4

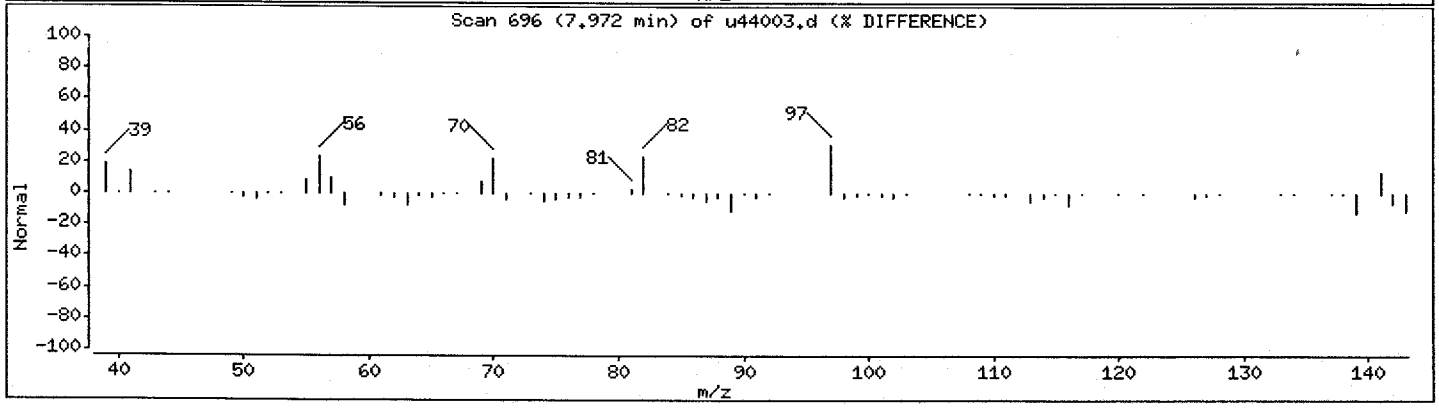
Column phase: DB-5 Column diameter: 0.25

34 2-Methylnaphthalene Concentration: 21 ug/Kg









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Date : 09-APR-2008 17:59

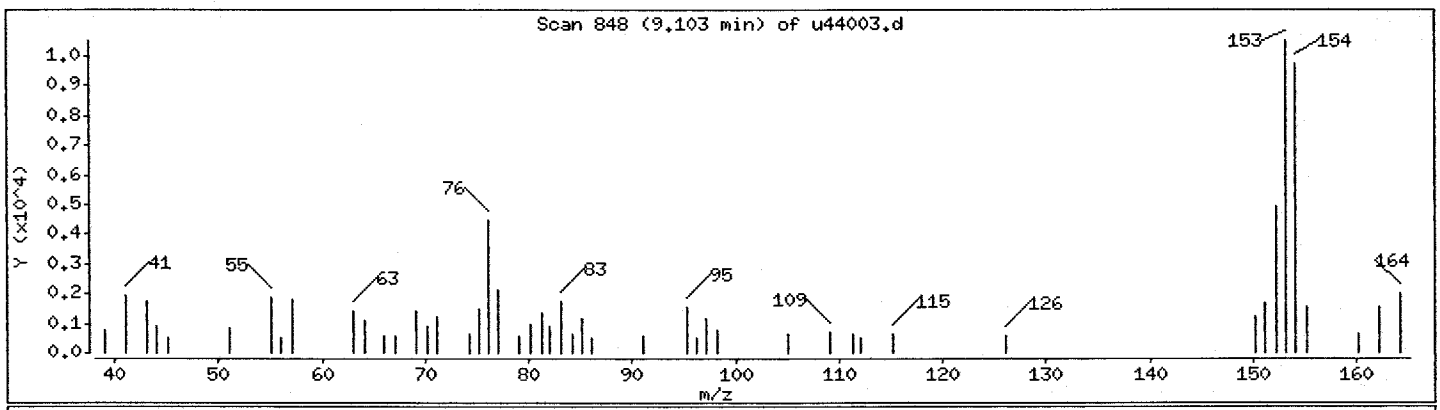
Client ID: 032608-0905 Instrument: BNAMS4.i

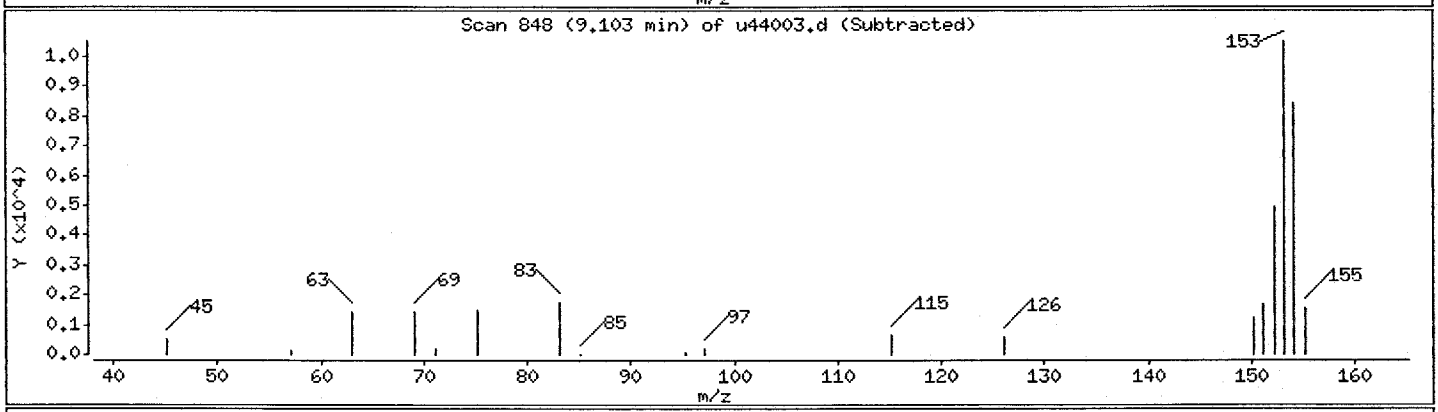
Sample Info: 908698;4225898

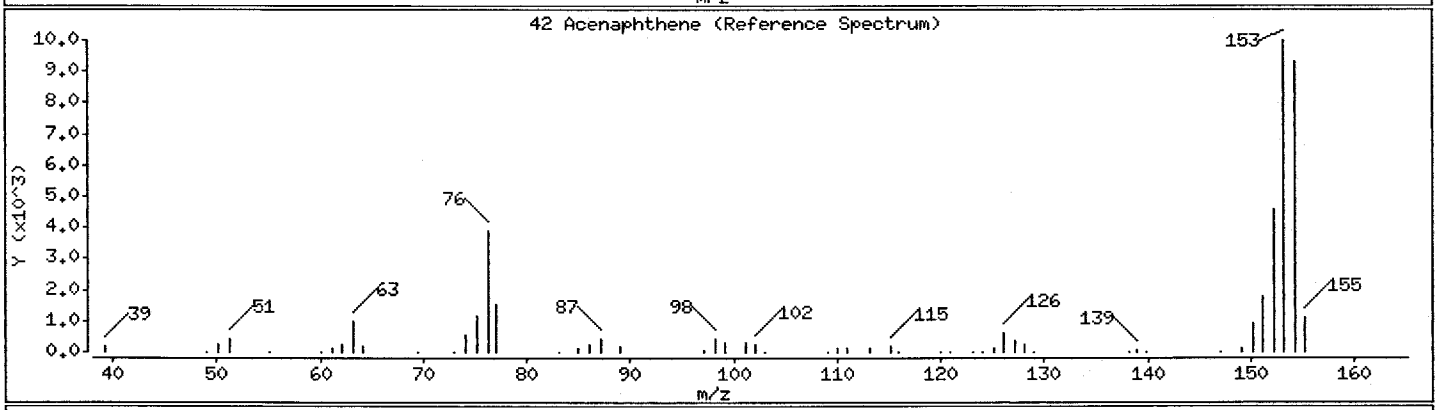
Operator: BNAMS 4

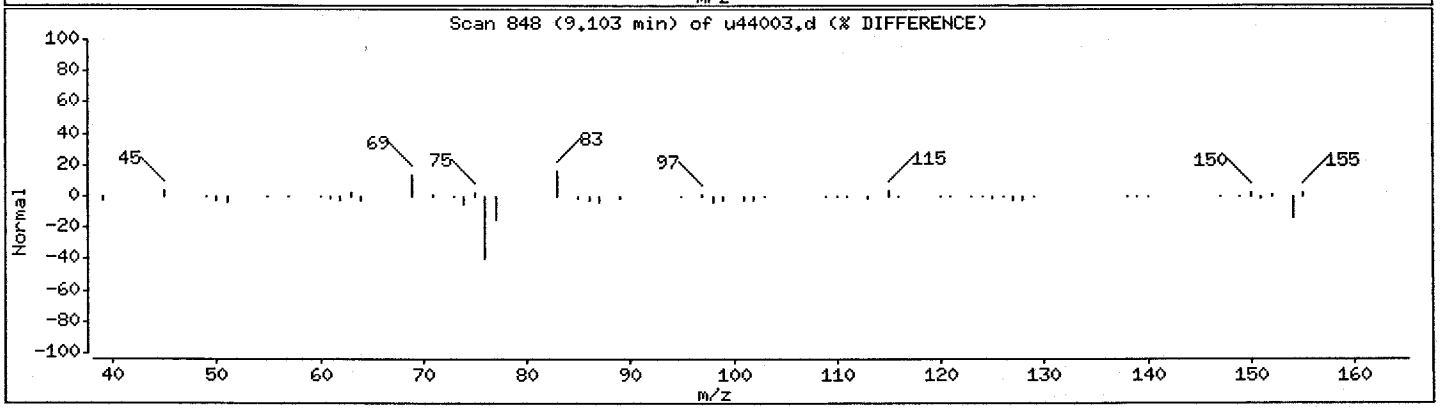
Column phase: DB-5 Column diameter: 0.25

42 Acenaphthene Concentration: 98 ug/Kg









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Date : 09-APR-2008 17:59

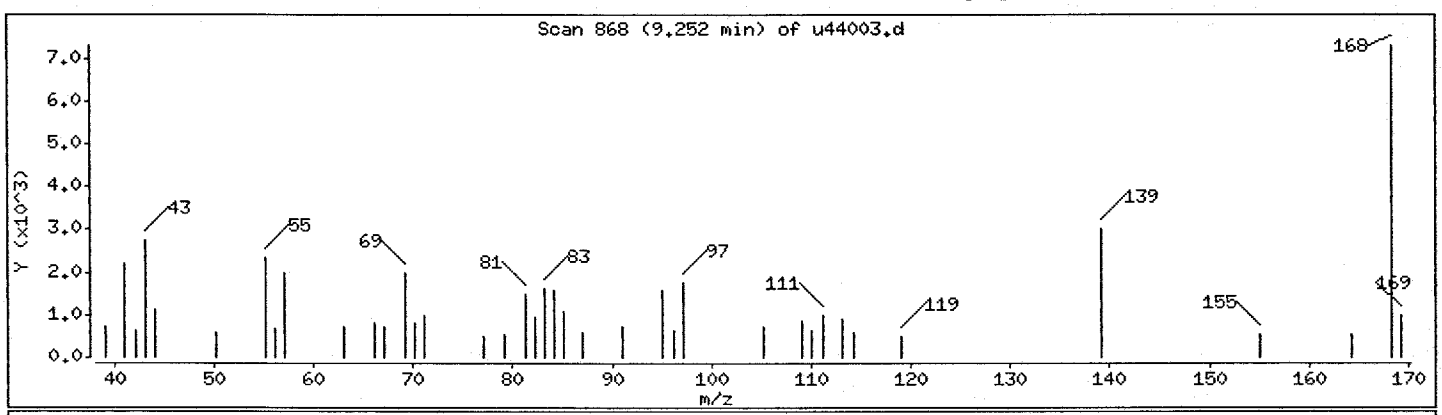
Client ID: 032608-0905 Instrument: BNAMS4.i

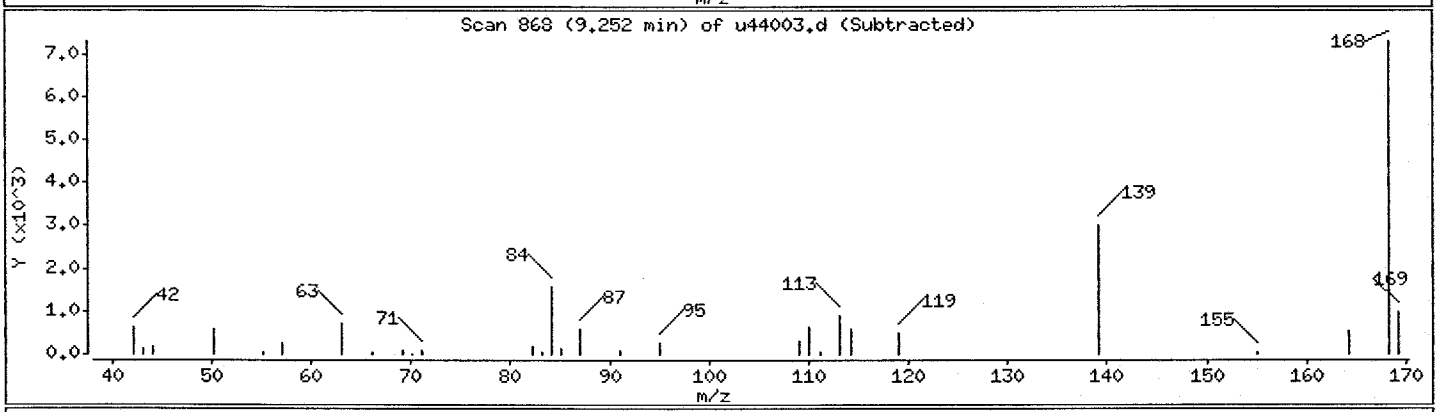
Sample Info: 908698;4225898

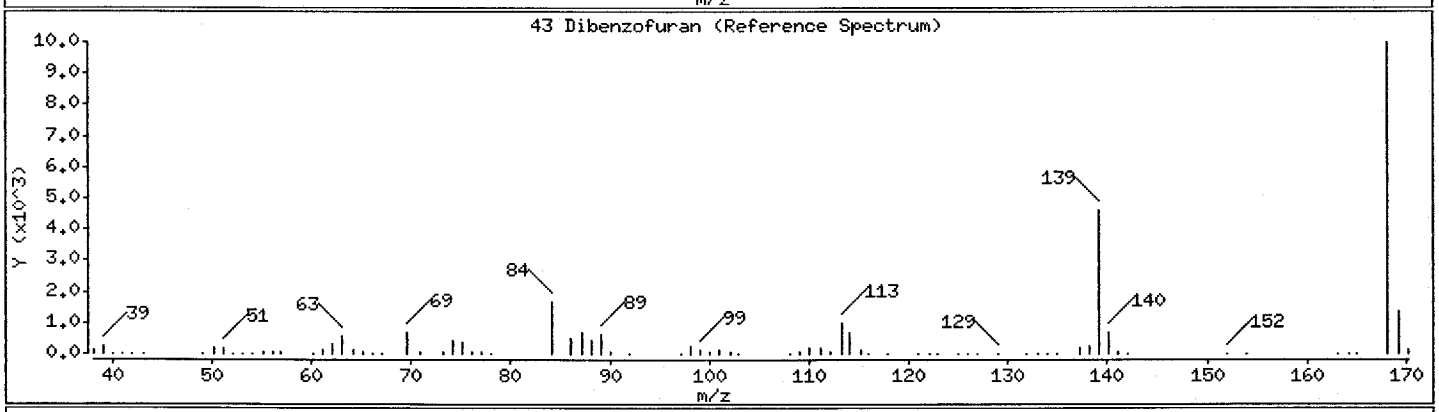
Operator: BNAMS 4

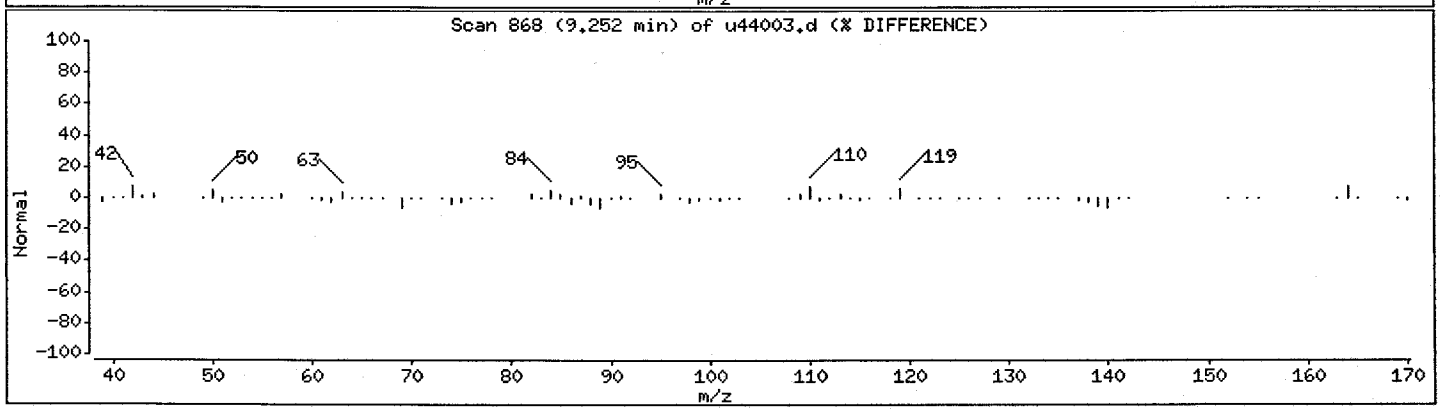
Column phase: DB-5 Column diameter: 0.25

43 Dibenzofuran Concentration: 43 ug/Kg









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Date : 09-APR-2008 17:59

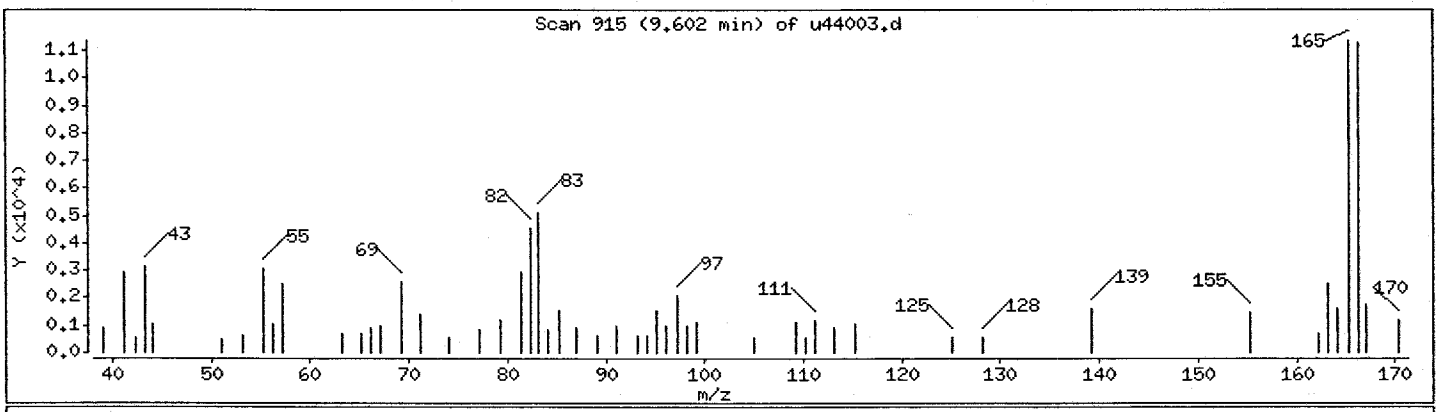
Client ID: 032608-0905 Instrument: BNAMS4.i

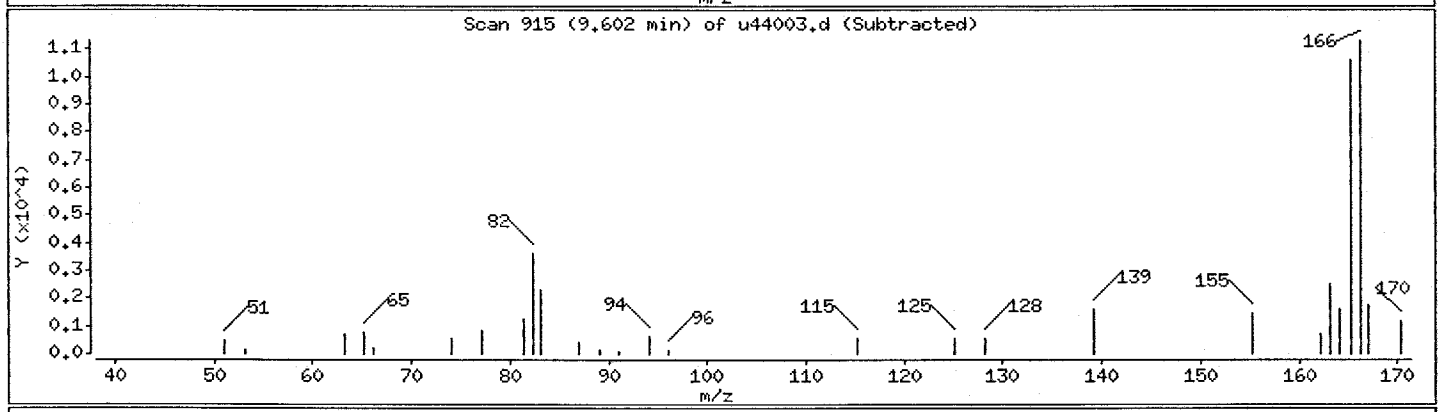
Sample Info: 908698;4225898

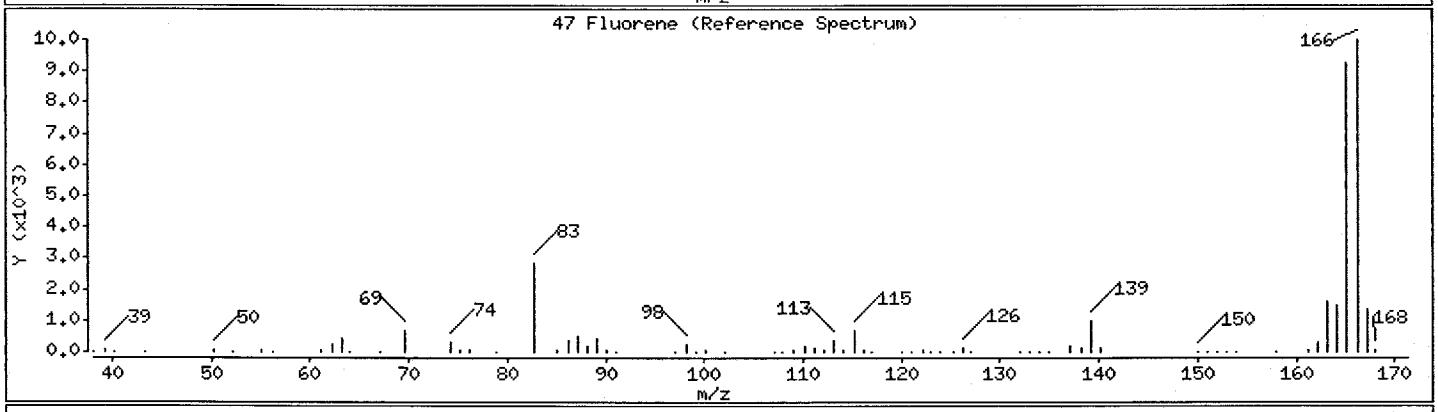
Operator: BNAMS 4

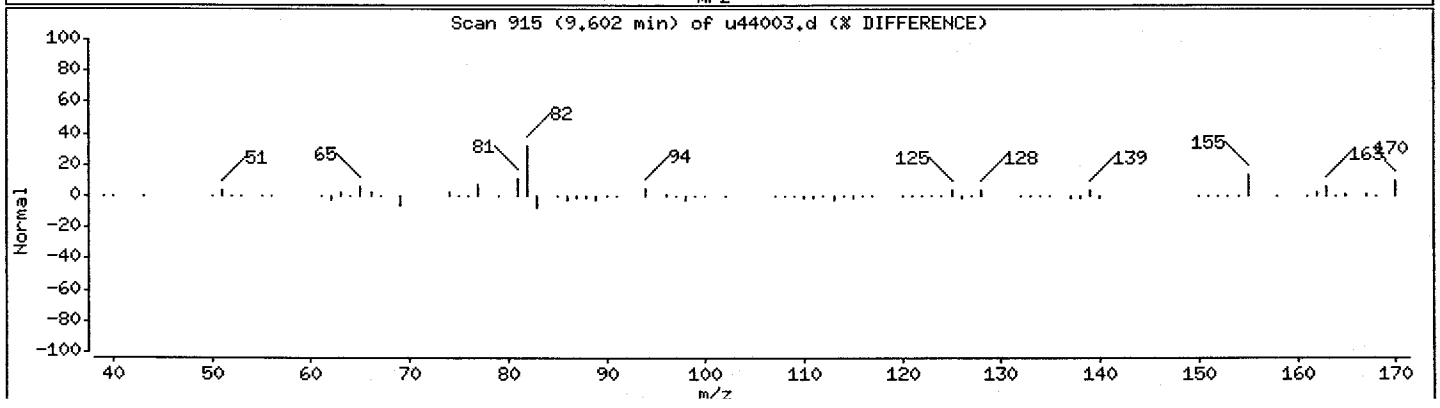
Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 92 ug/Kg









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Date : 09-APR-2008 17:59

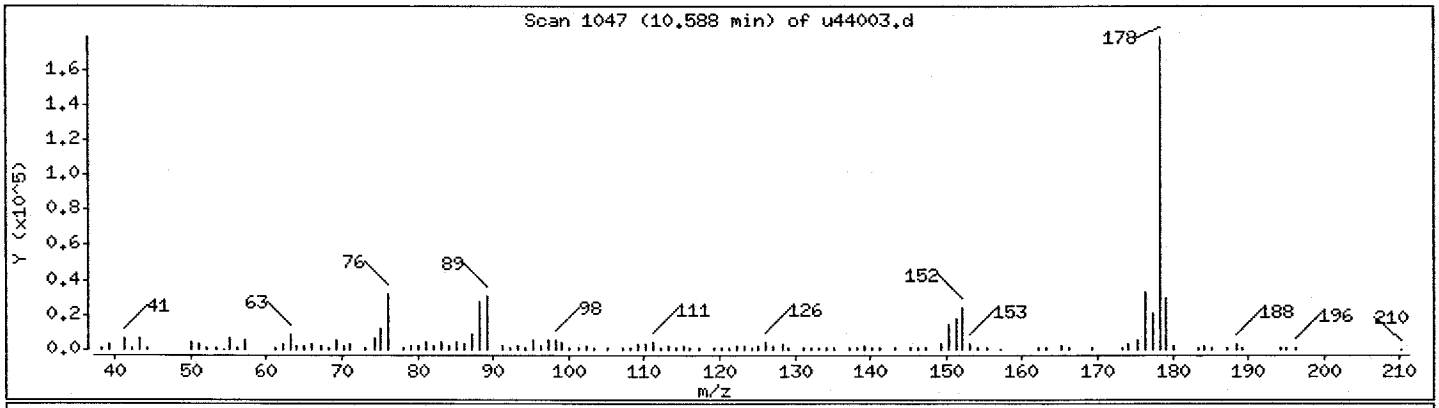
Client ID: 032608-0905 Instrument: BNAMS4.i

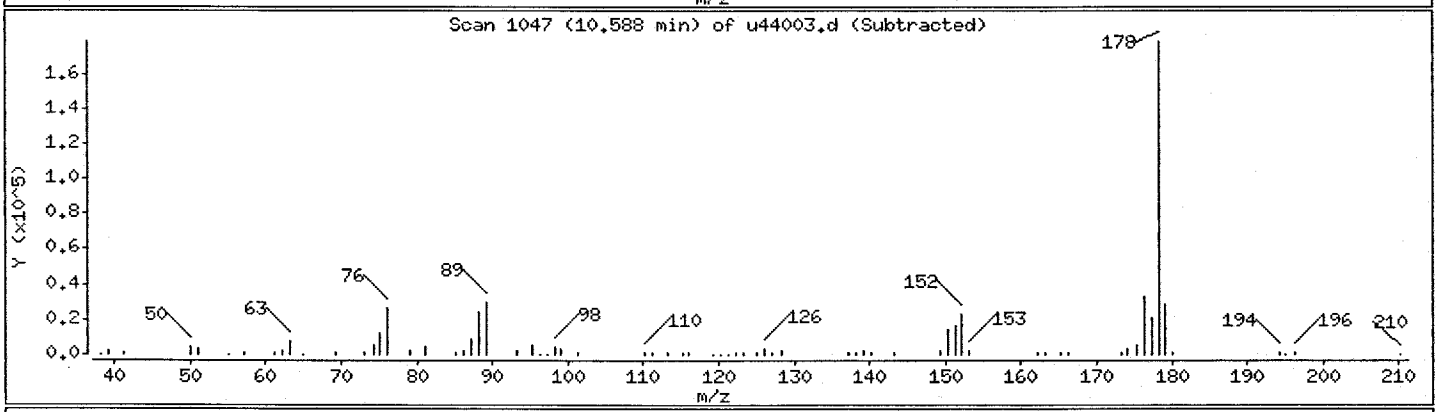
Sample Info: 908698;4225898

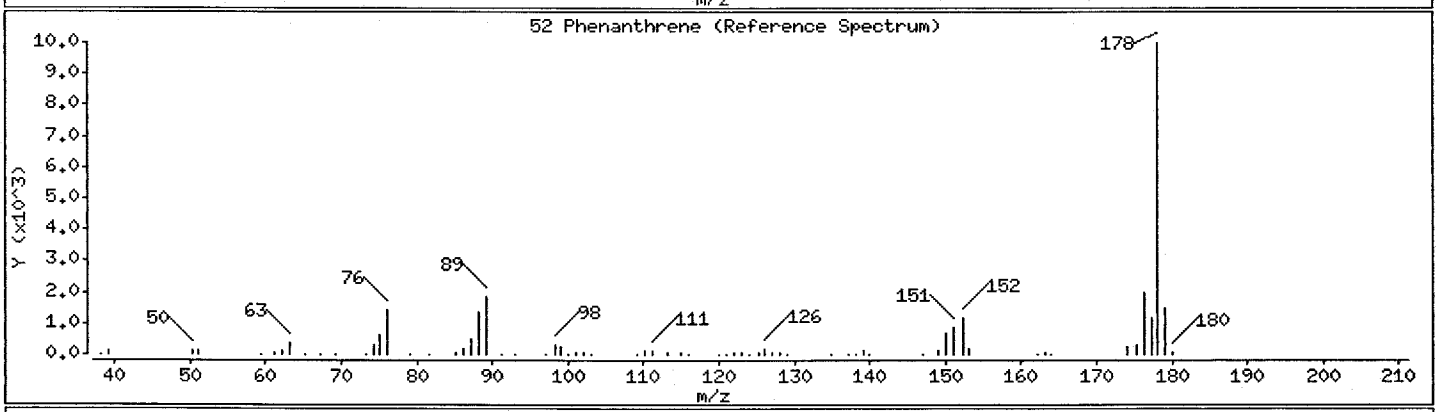
Operator: BNAMS 4

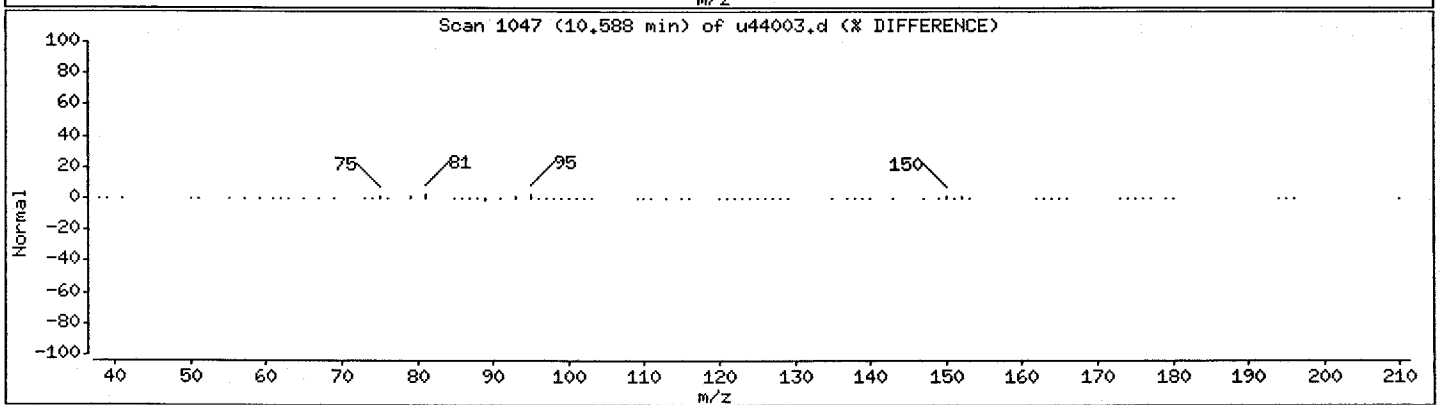
Column phase: DB-5 Column diameter: 0.25

52 Phenanthrene Concentration: 1200 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44003.d

Date : 09-APR-2008 17:59

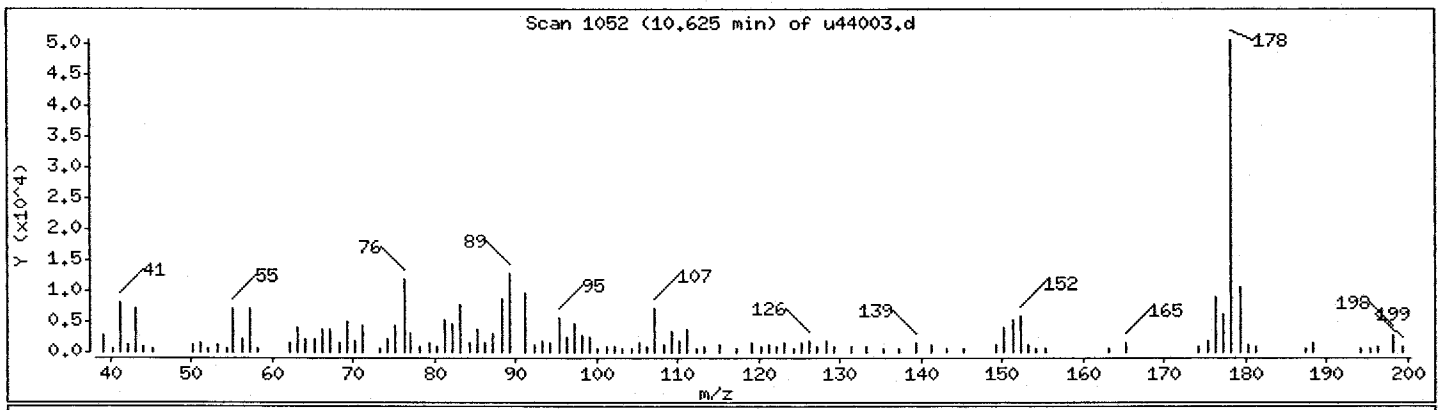
Client ID: 032608-0905 Instrument: BNAMS4.i

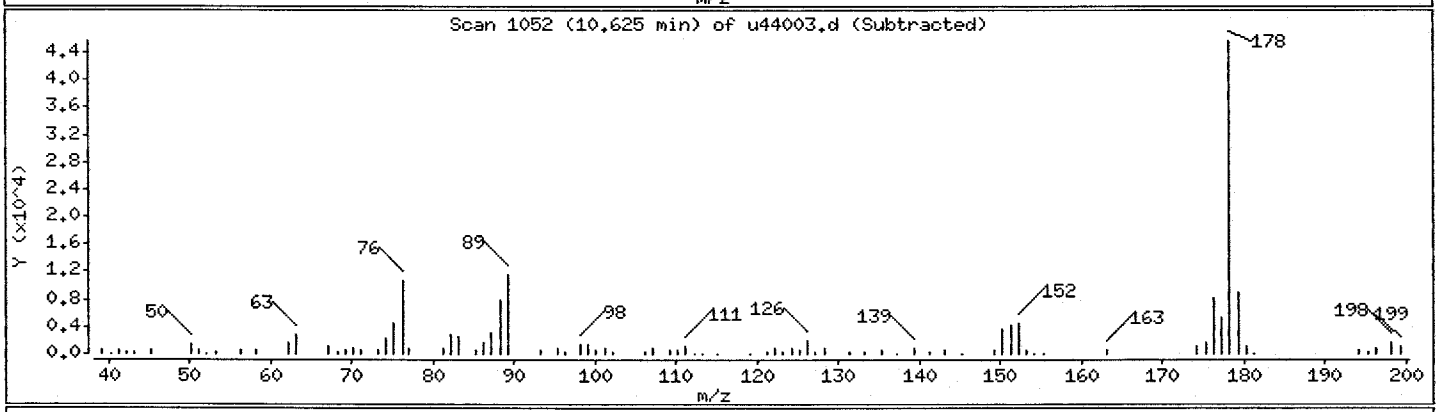
Sample Info: 908698;4225898

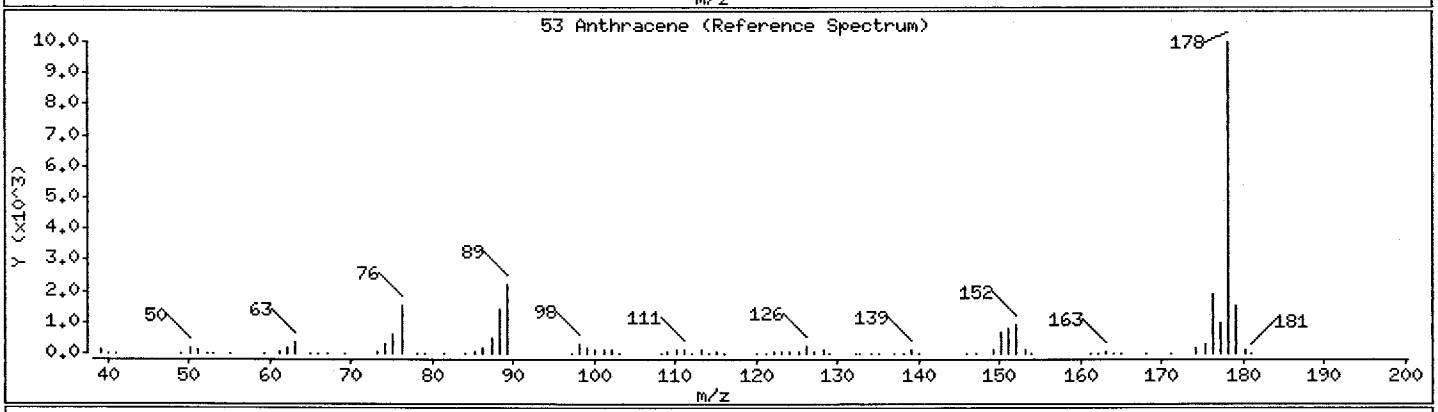
Operator: BNAMS 4

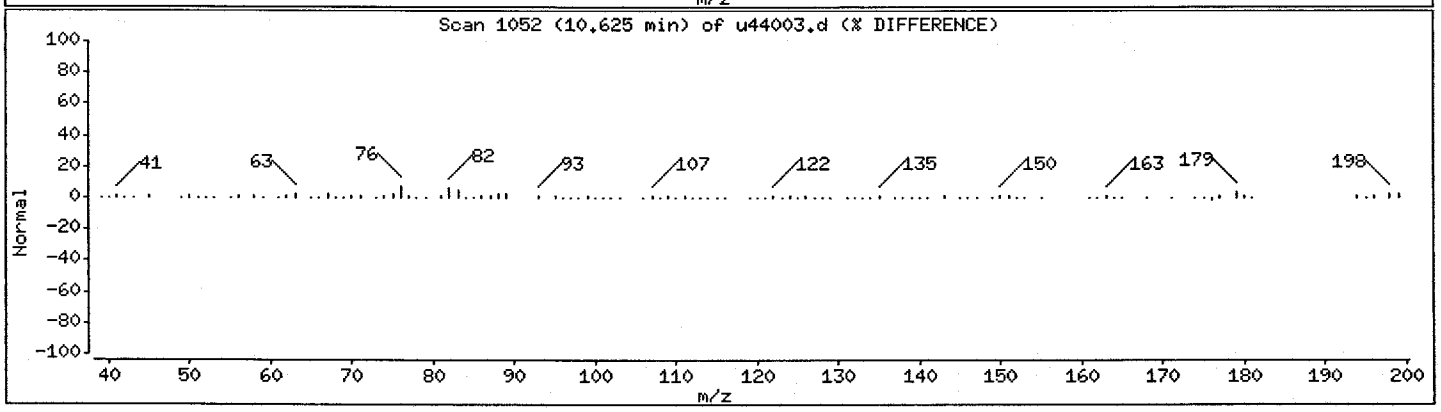
Column phase: DB-5 Column diameter: 0.25

53 Anthracene Concentration: 340 ug/Kg









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Date : 09-APR-2008 17:59

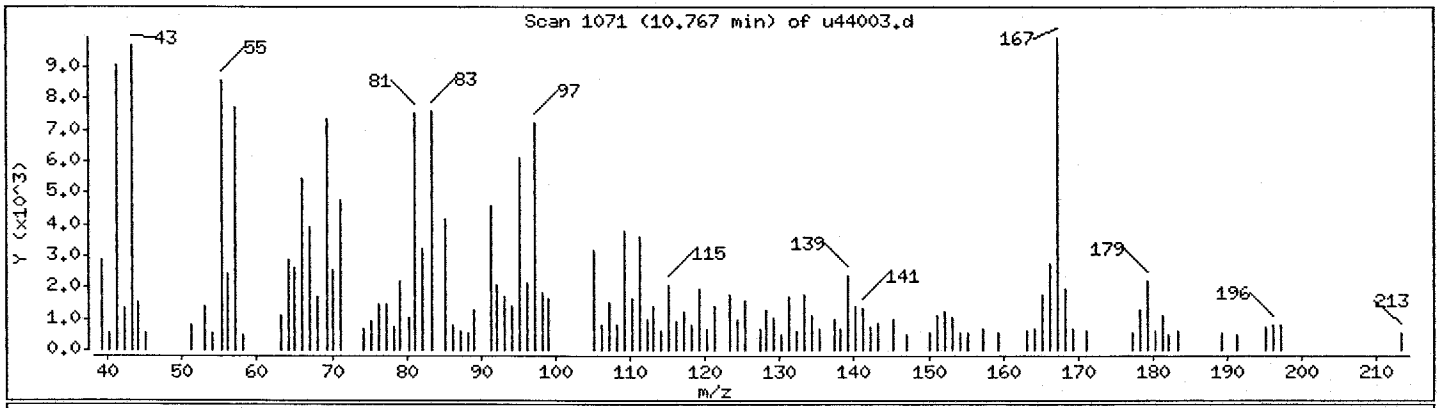
Client ID: 032608-0905 Instrument: BNAMS4.i

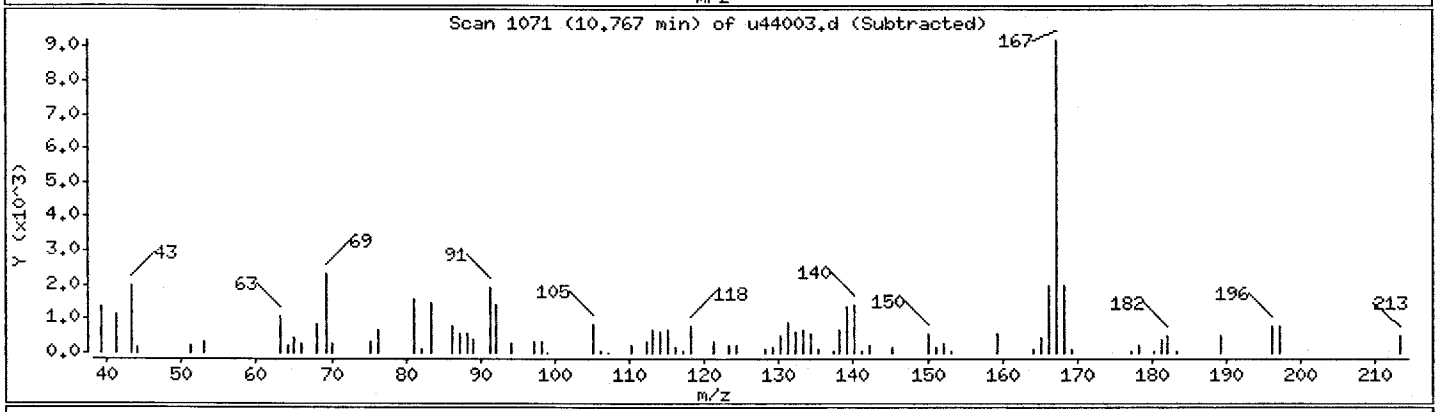
Sample Info: 908698;4225898

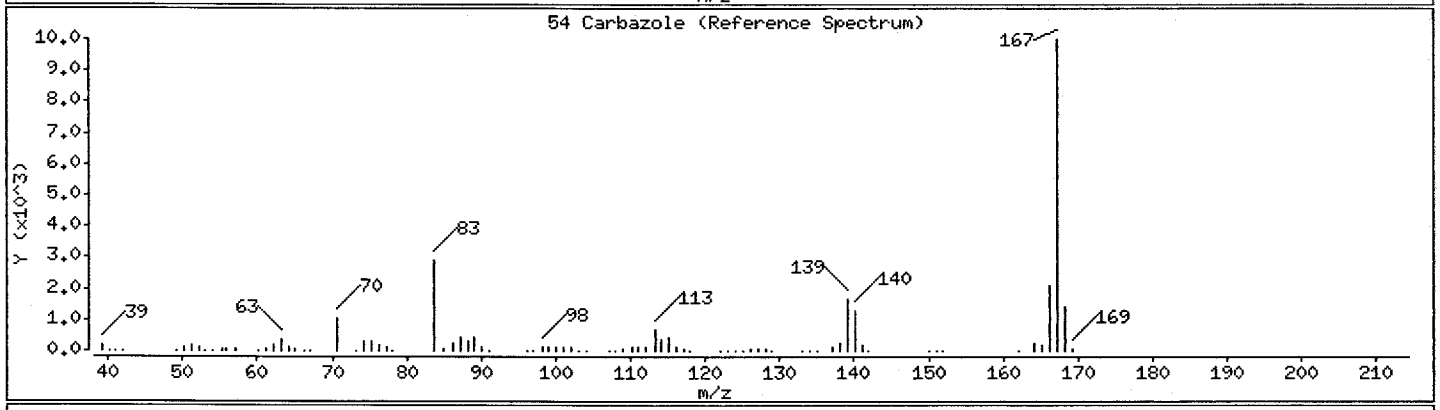
Operator: BNAMS 4

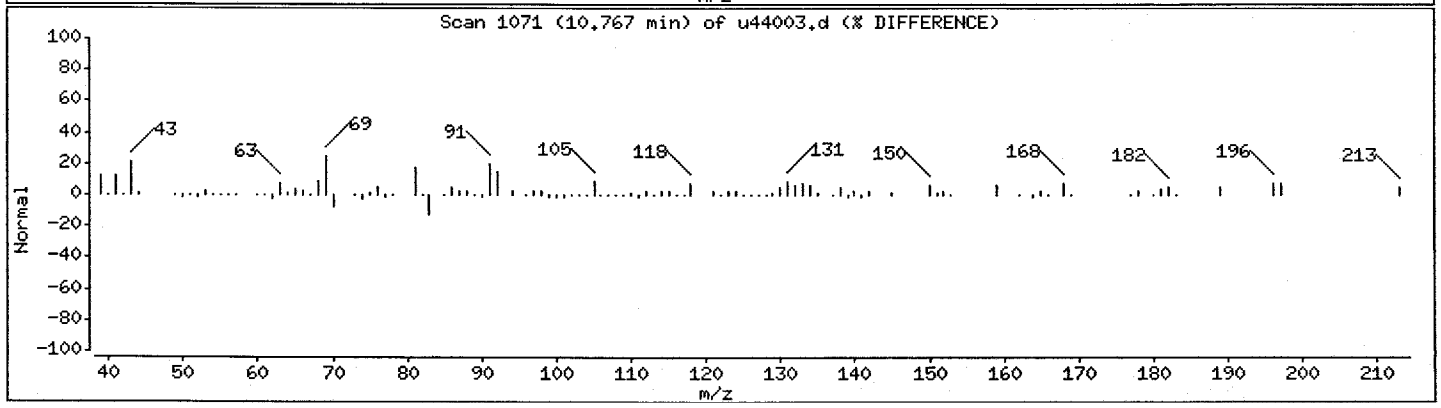
Column phase: DB-5 Column diameter: 0.25

54 Carbazole Concentration: 67 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44003.d

Date : 09-APR-2008 17:59

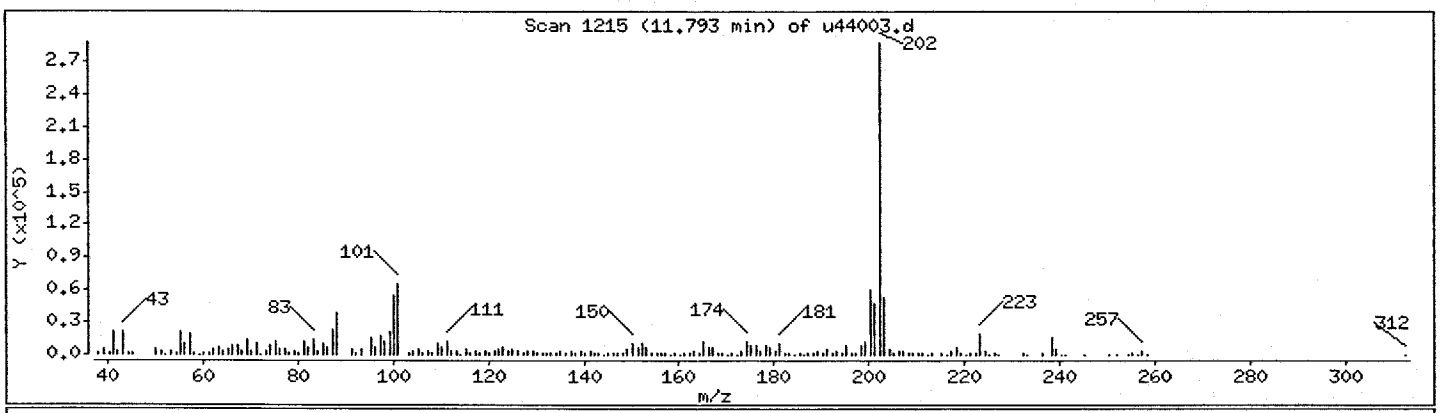
Client ID: 032608-0905 Instrument: BNAMS4.i

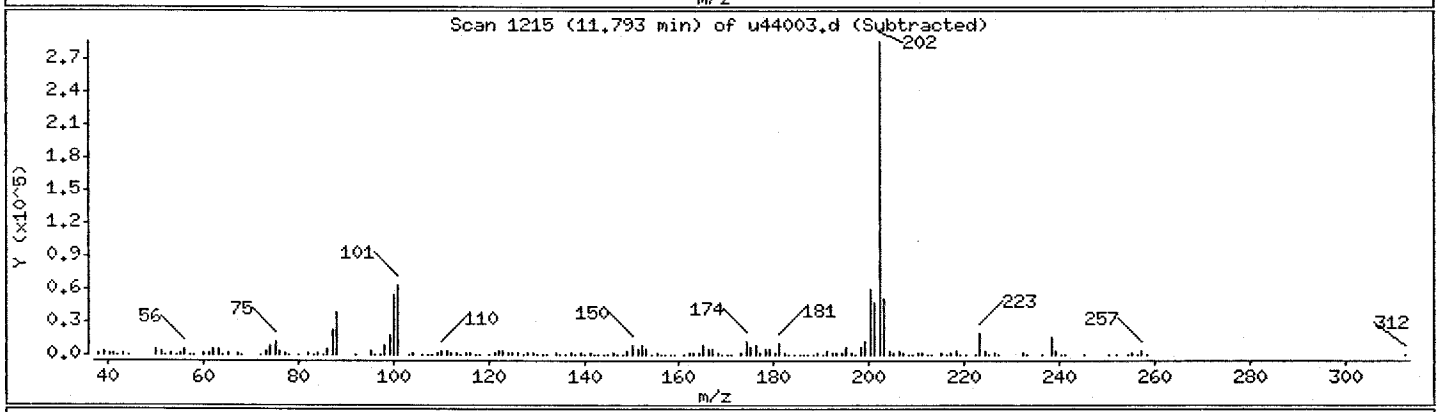
Sample Info: 908698;4225898

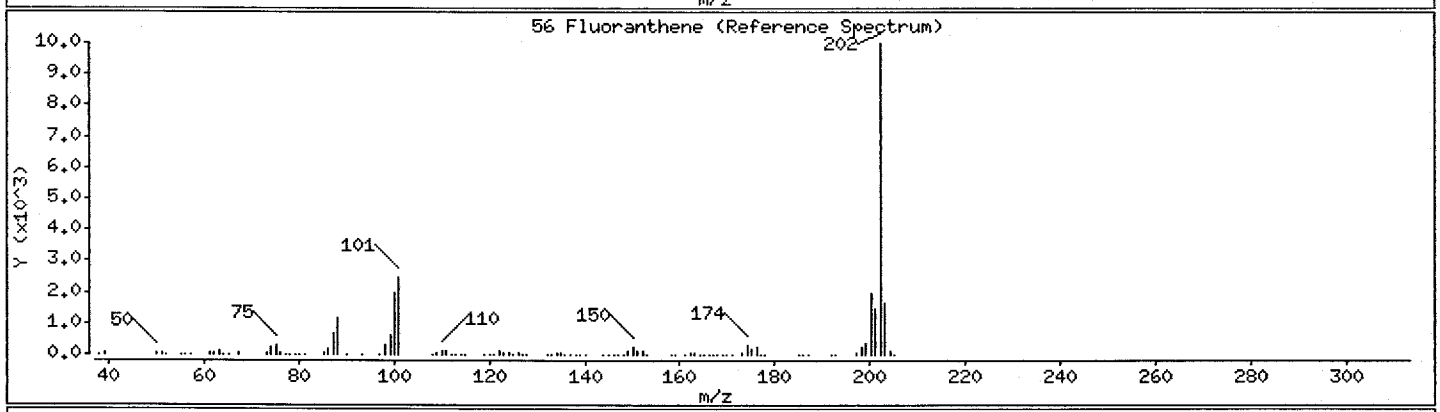
Operator: BNAMS 4

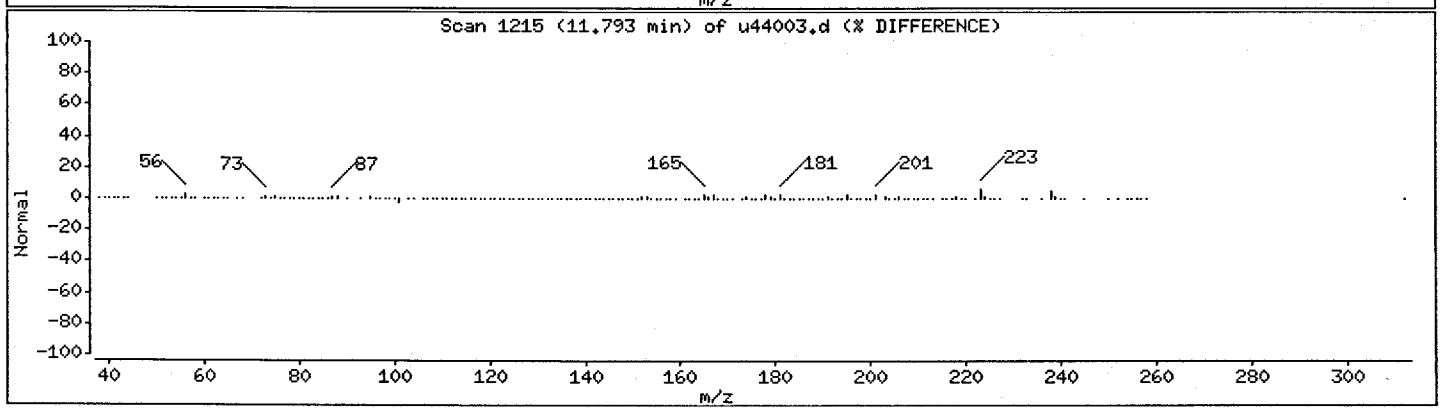
Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 1600 ug/Kg









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Date : 09-APR-2008 17:59

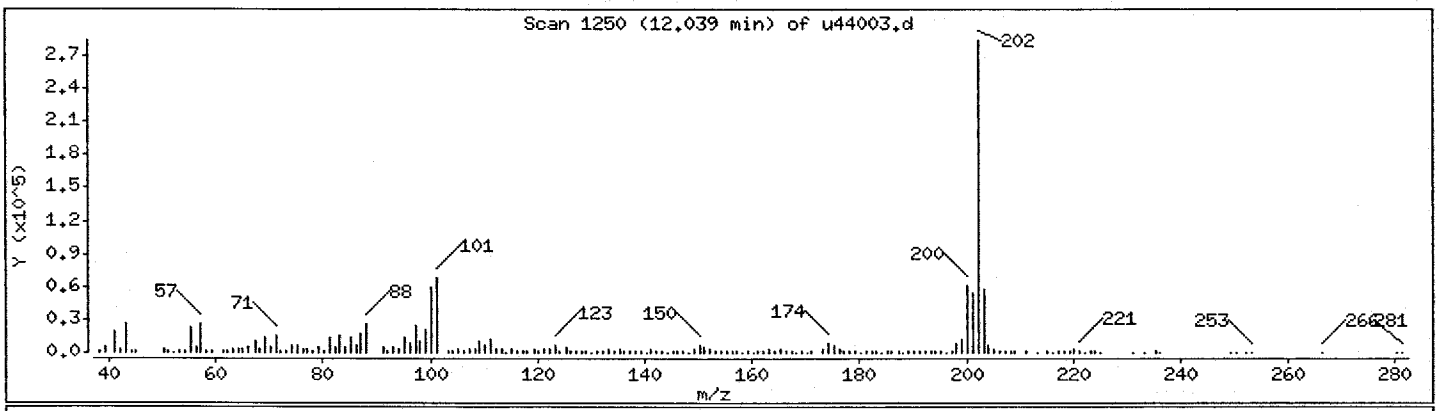
Client ID: 032608-0905 Instrument: BNAMS4.i

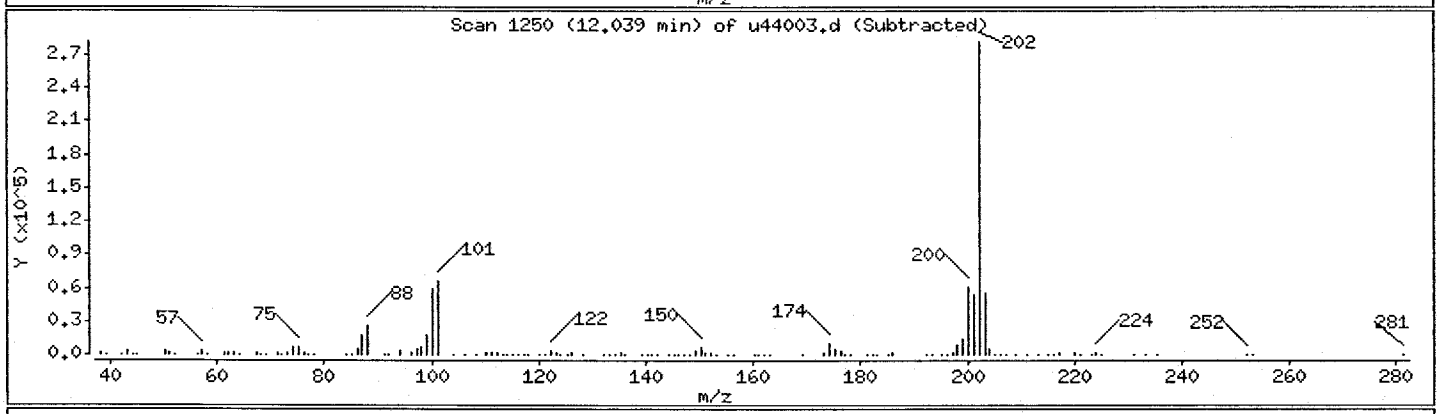
Sample Info: 908698;4225898

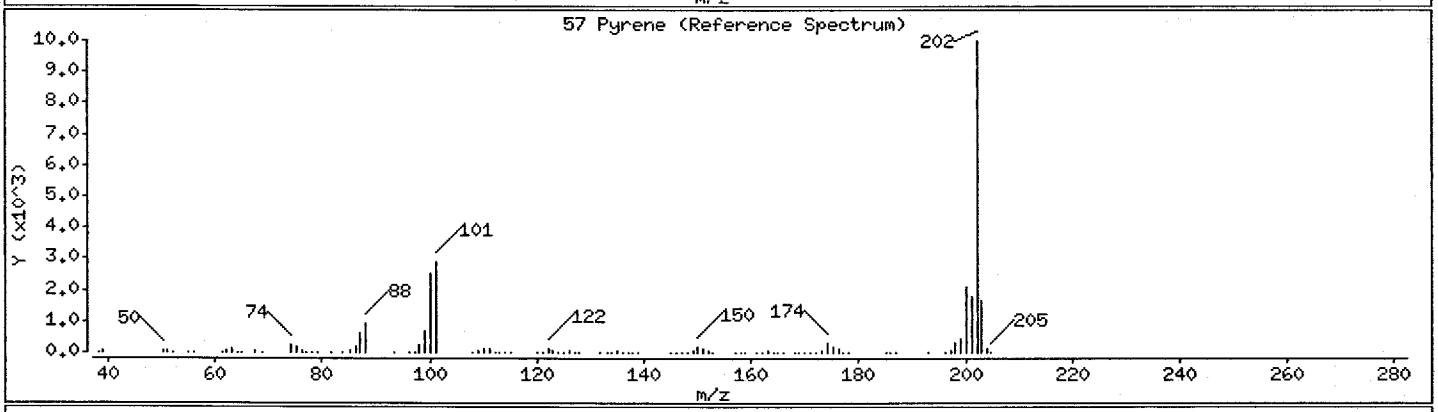
Operator: BNAMS 4

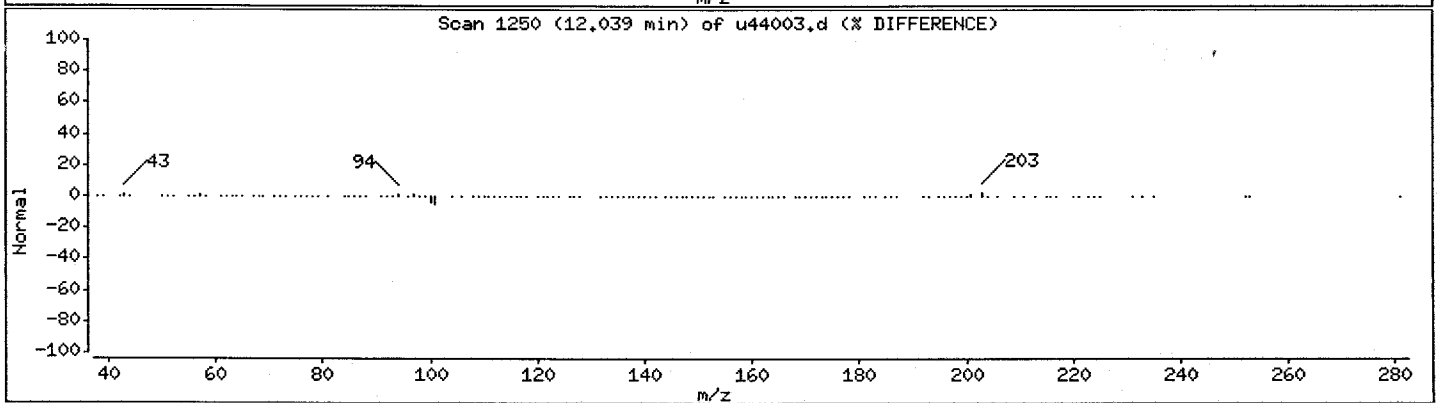
Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 2000 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44003.d

Date : 09-APR-2008 17:59

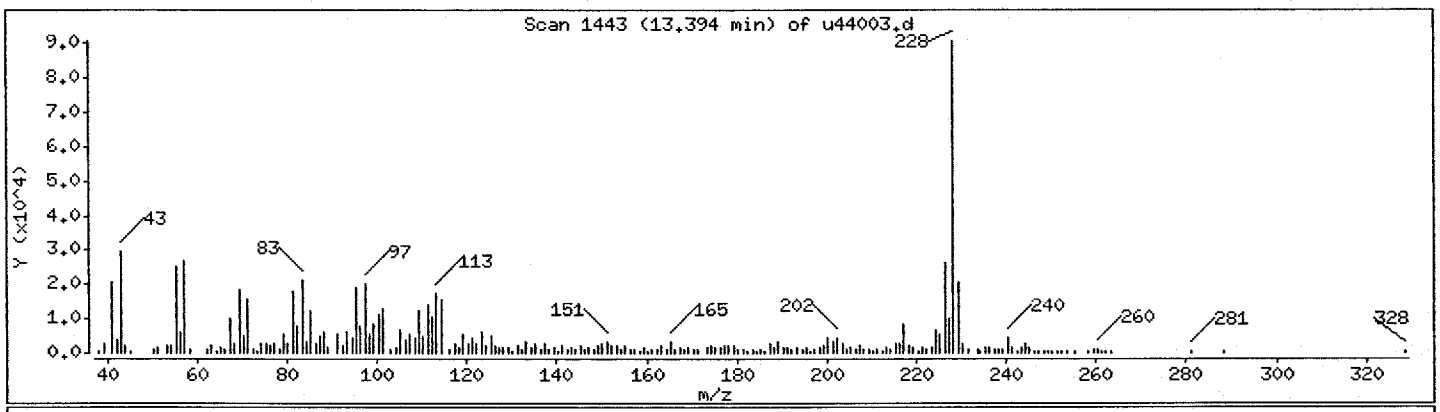
Client ID: 032608-0905 Instrument: BNAMS4.i

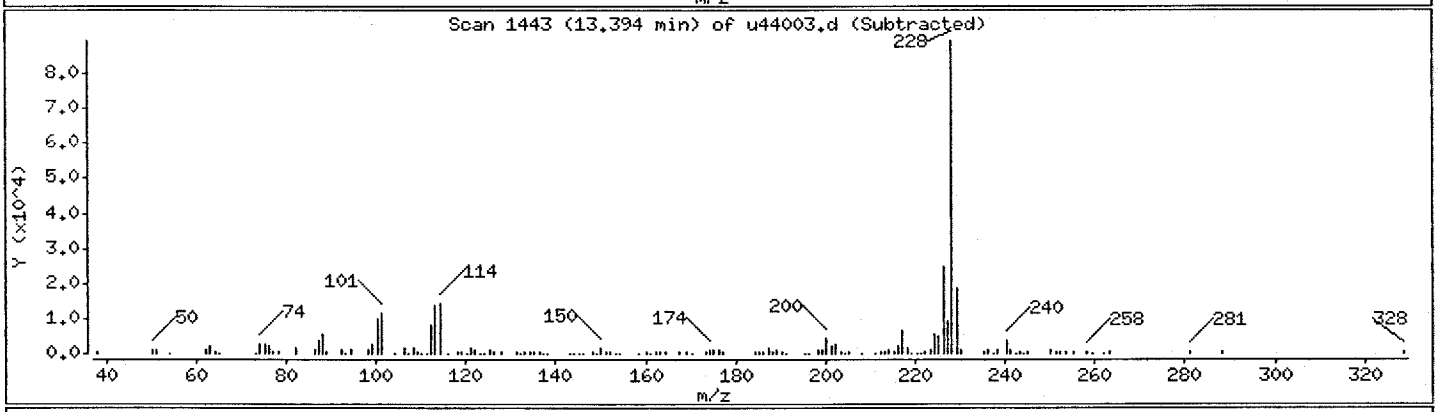
Sample Info: 908698;4225898

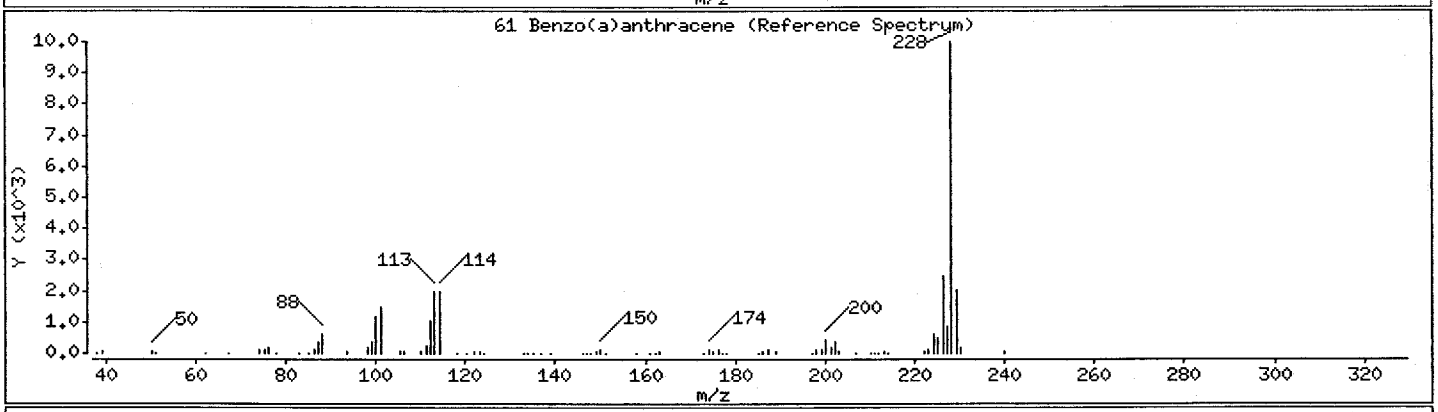
Operator: BNAMS 4

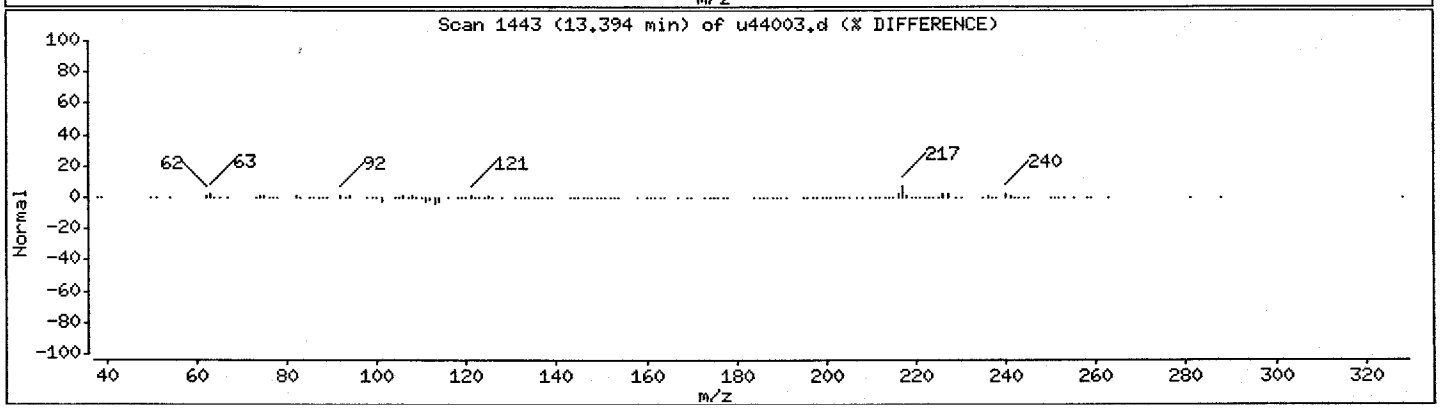
Column phase: DB-5 Column diameter: 0.25

61 Benzo(a)anthracene Concentration: 980 ug/Kg









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Date : 09-APR-2008 17:59

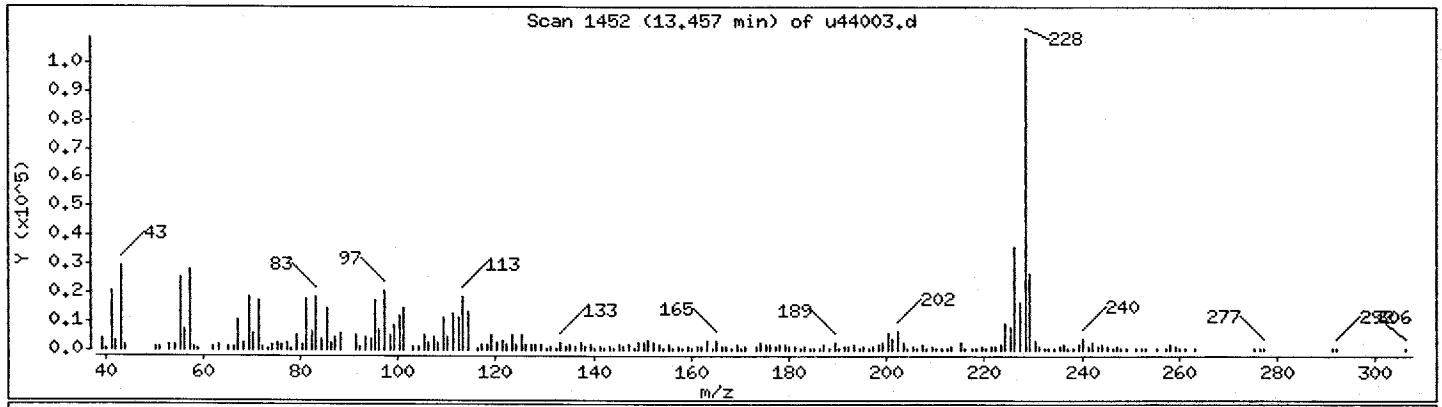
Client ID: 032608-0905 Instrument: BNAMS4.i

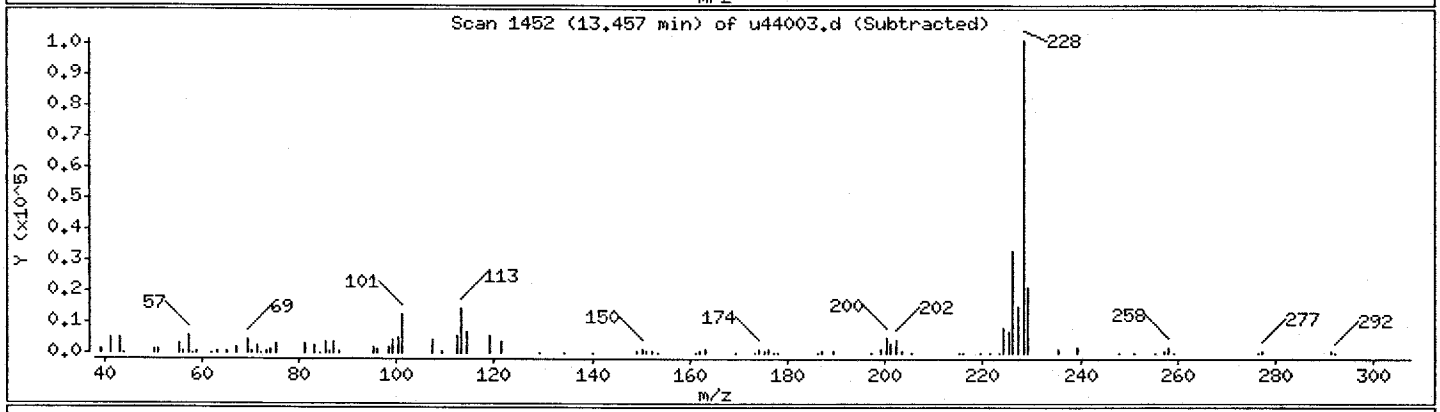
Sample Info: 908698;4225898

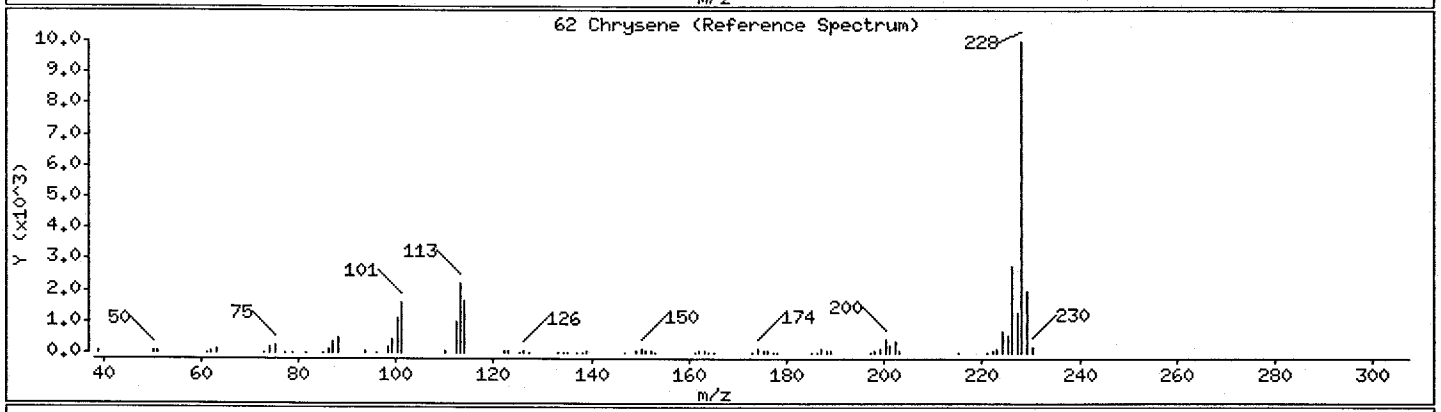
Operator: BNAMS 4

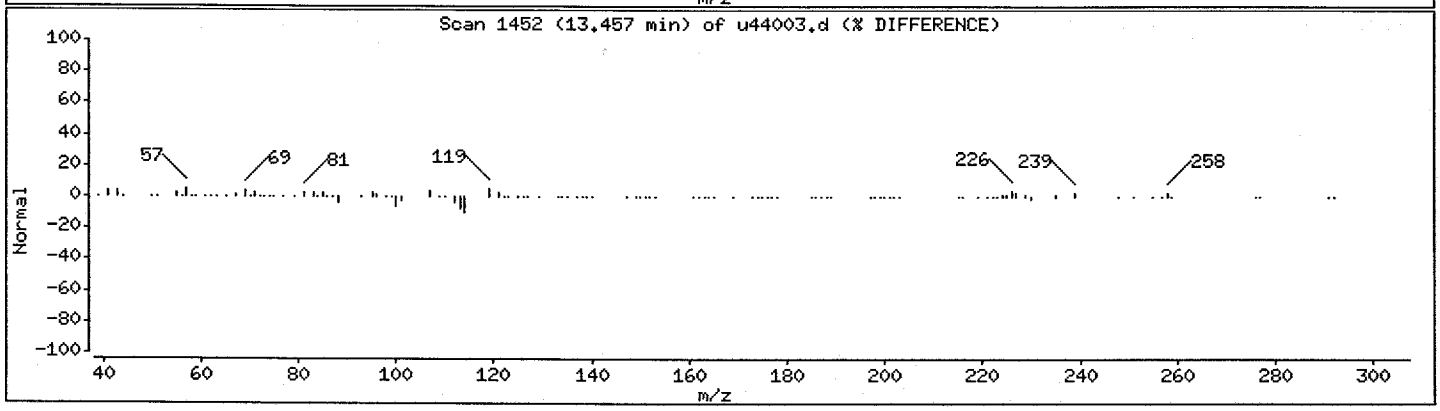
Column phase: DB-5 Column diameter: 0.25

62 Chrysene Concentration: 1100 ug/Kg









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Date : 09-APR-2008 17:59

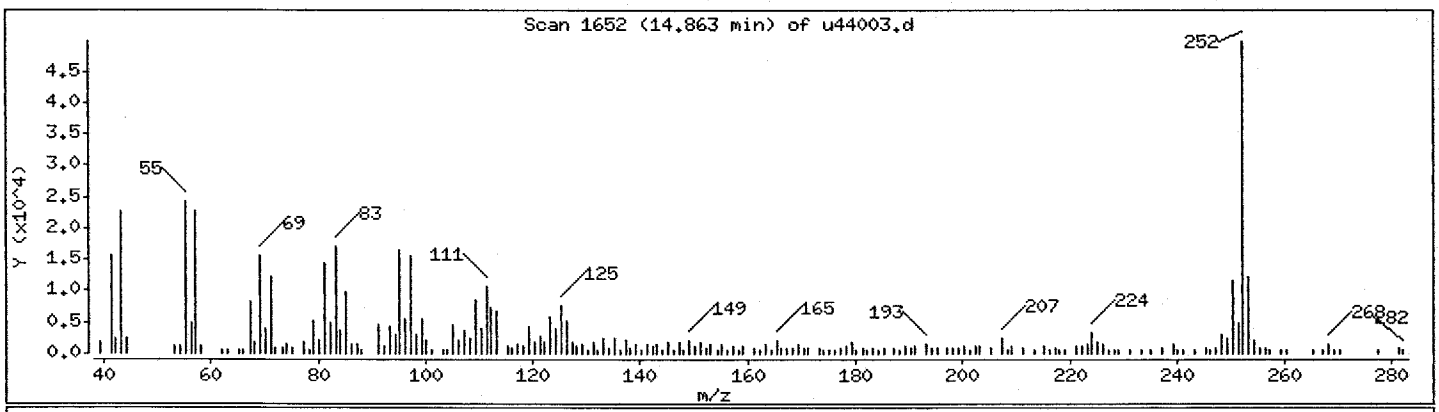
Client ID: 032608-0905 Instrument: BNAMS4.i

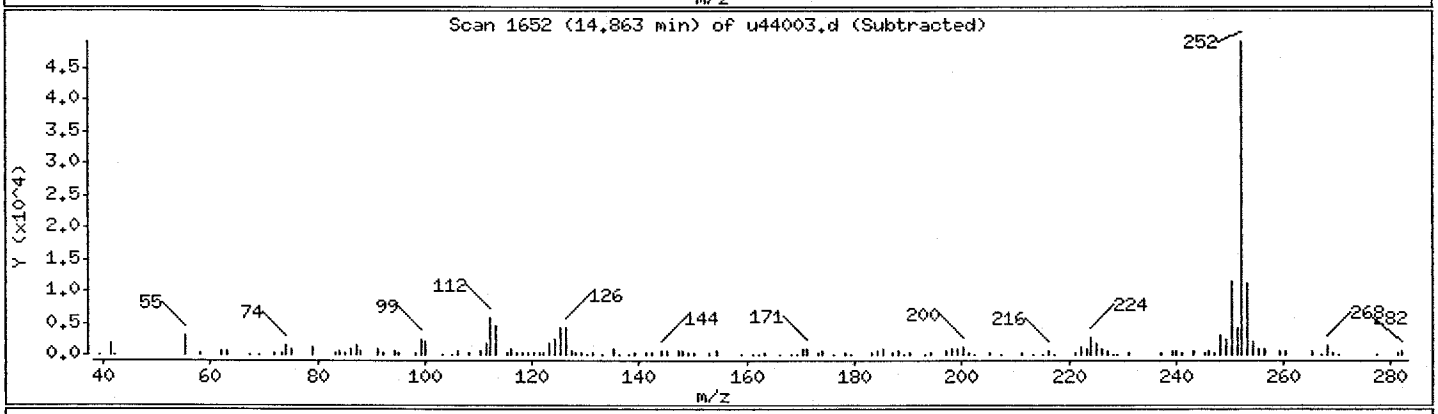
Sample Info: 908698;4225898

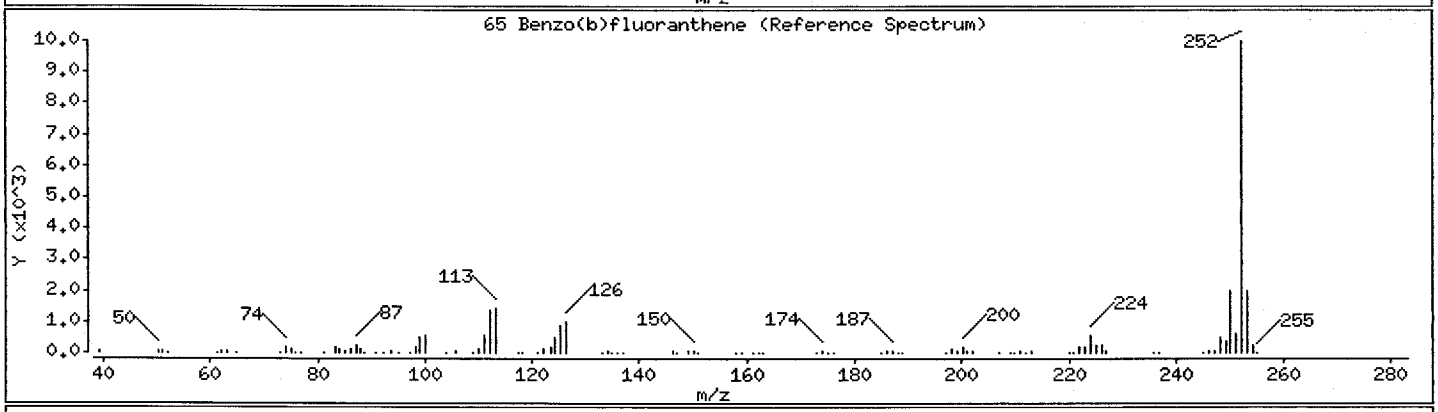
Operator: BNAMS 4

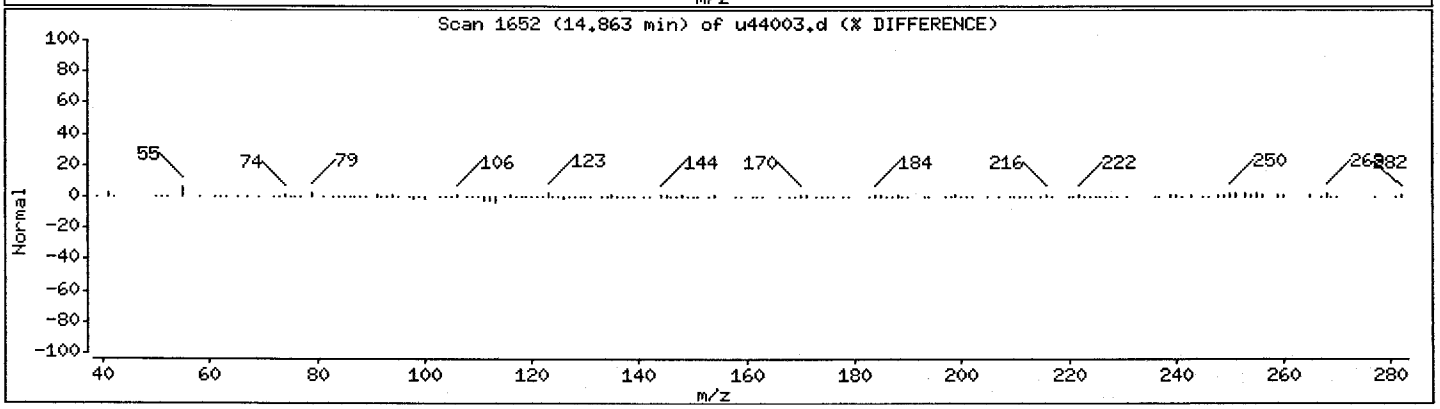
Column phase: DB-5 Column diameter: 0.25

65 Benzo(b)fluoranthene Concentration: 640 ug/Kg









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Date : 09-APR-2008 17:59

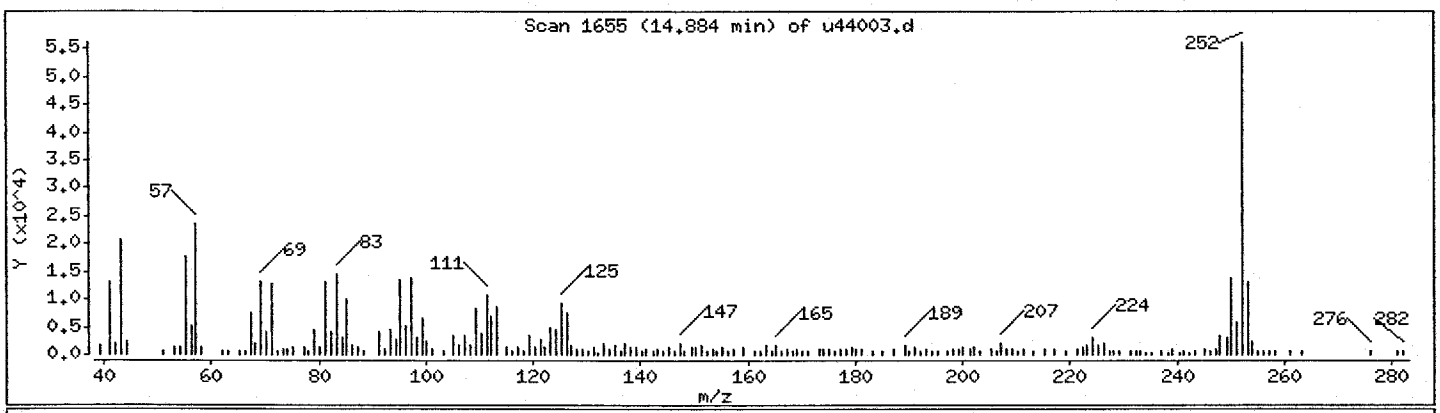
Client ID: 032608-0905 Instrument: BNAMS4.i

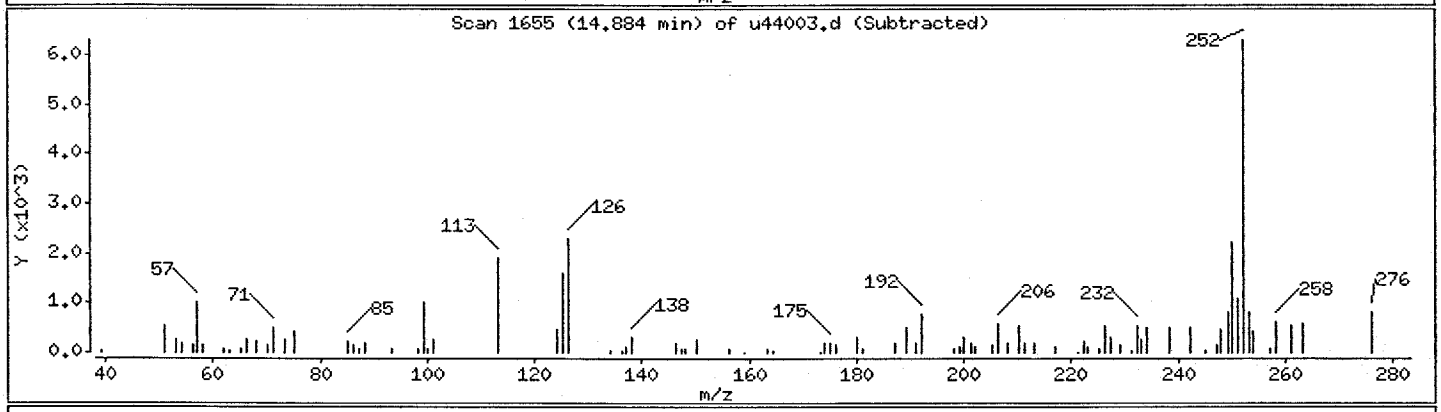
Sample Info: 908698;4225898

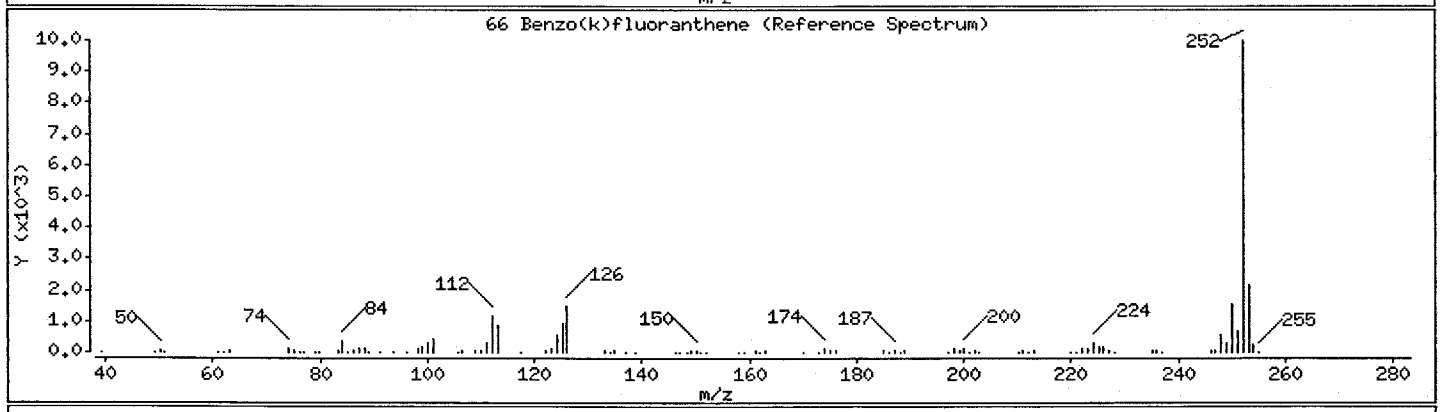
Operator: BNAMS 4

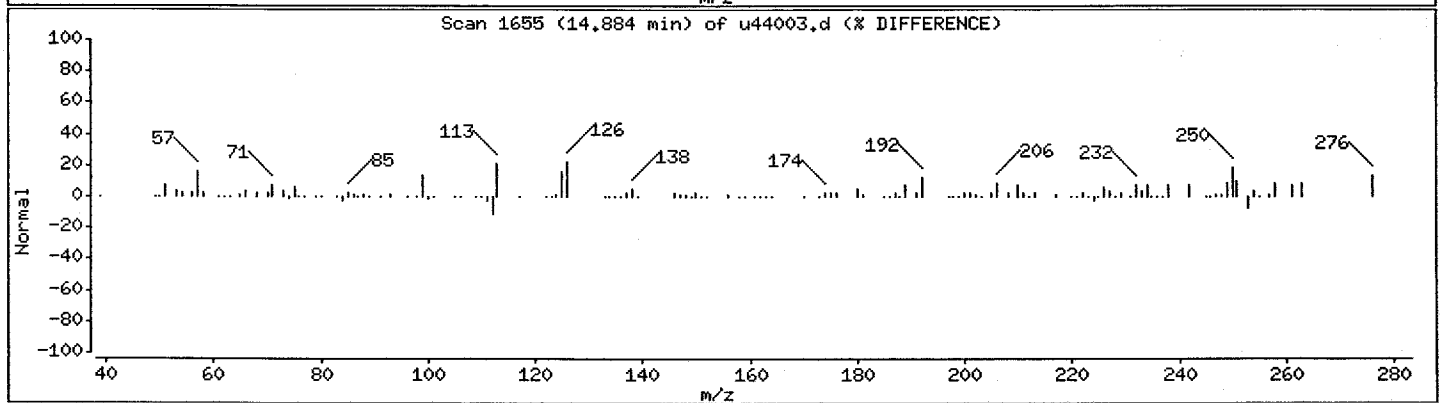
Column phase: DB-5 Column diameter: 0.25

66 Benzo(k)fluoranthene Concentration: 920 ug/Kg









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Date : 09-APR-2008 17:59

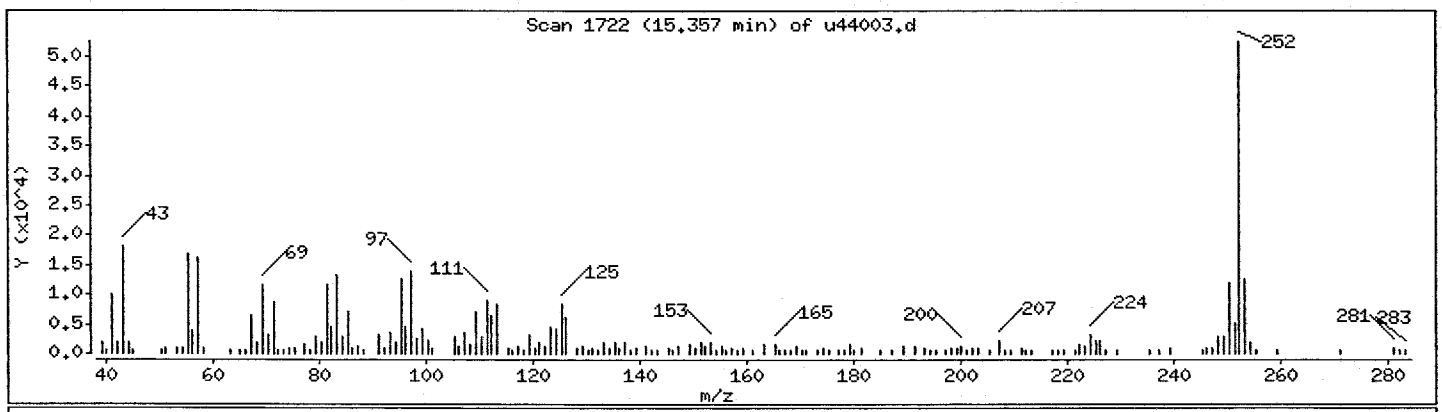
Client ID: 032608-0905 Instrument: BNAMS4.i

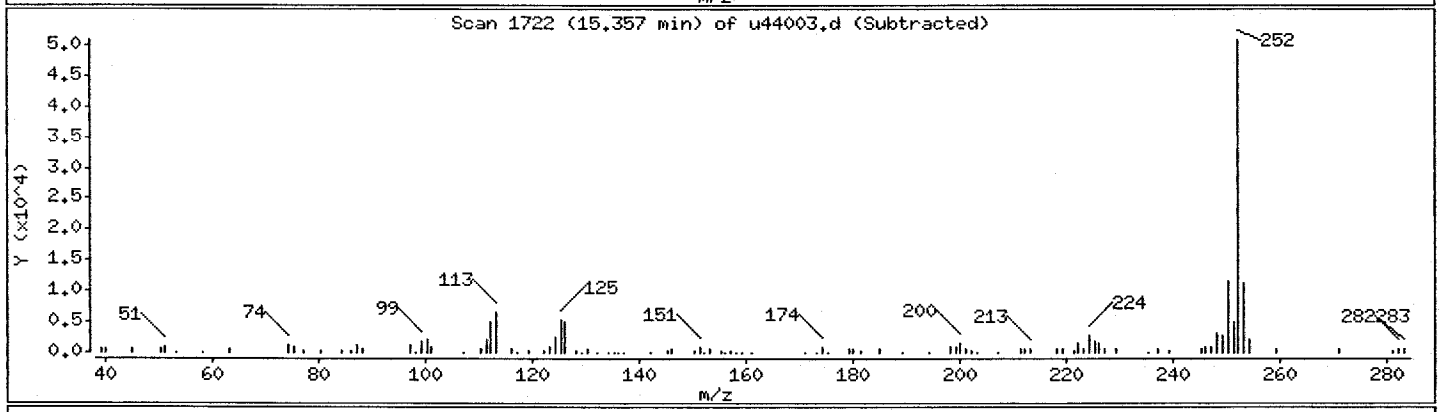
Sample Info: 908698;4225898

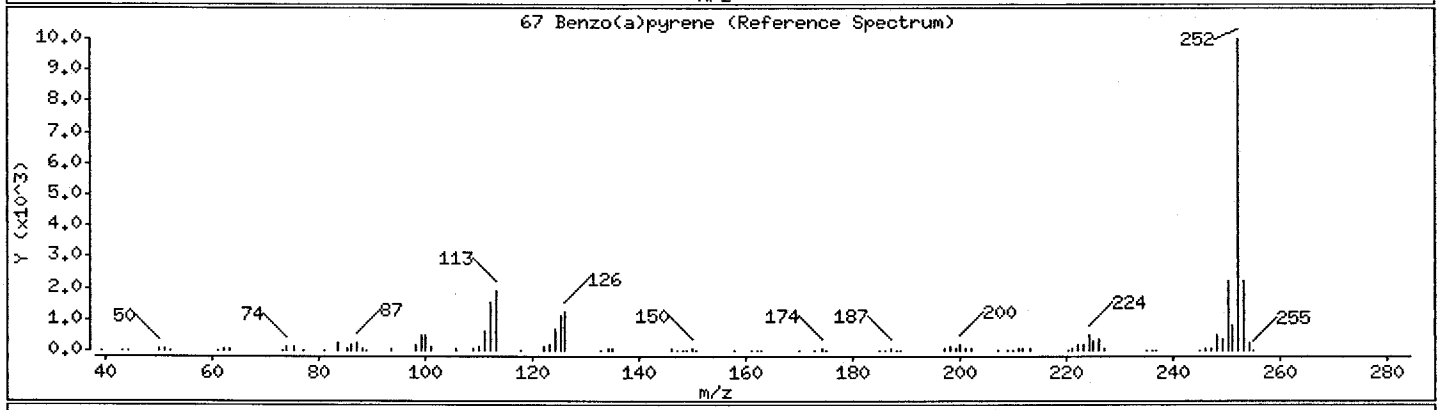
Operator: BNAMS 4

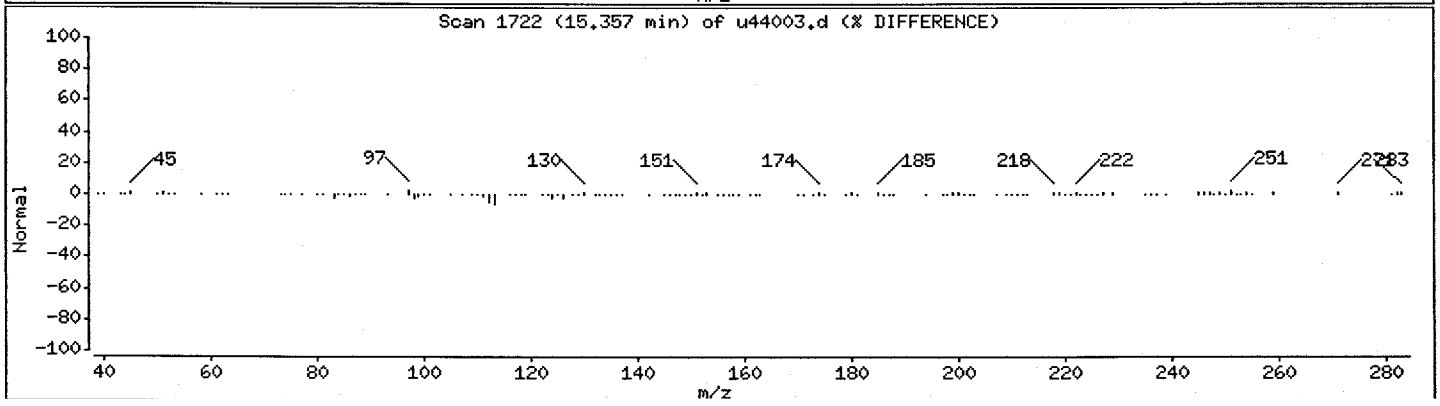
Column phase: DB-5 Column diameter: 0.25

67 Benzo(a)pyrene Concentration: 870 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44003.d

Date : 09-APR-2008 17:59

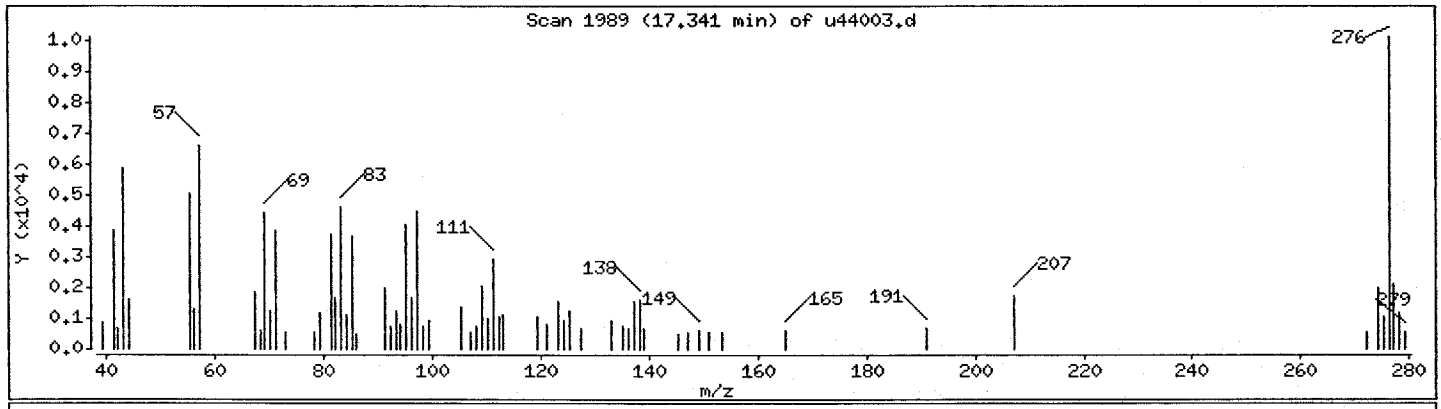
Client ID: 032608-0905 Instrument: BNAMS4.i

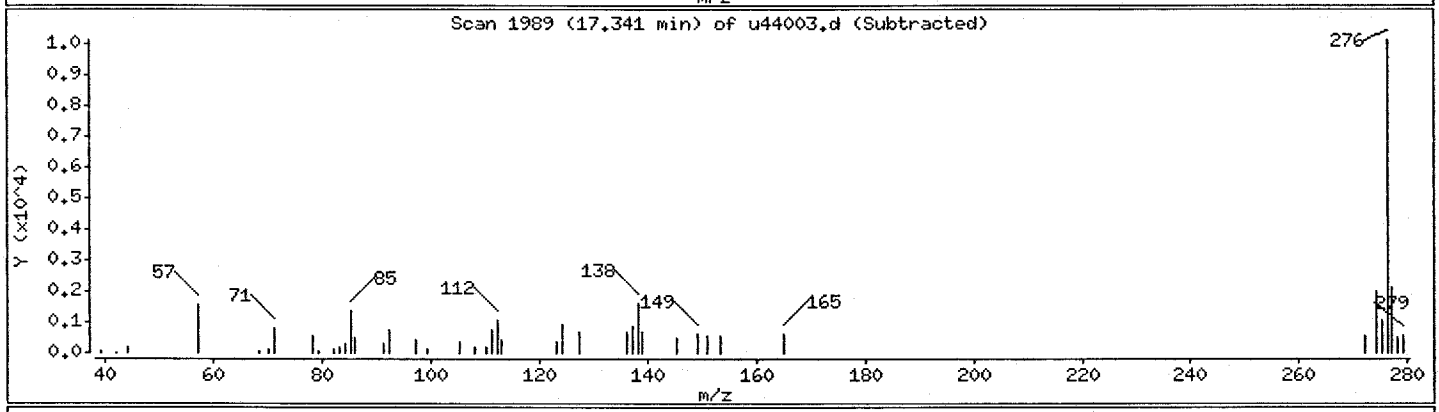
Sample Info: 908698;4225898

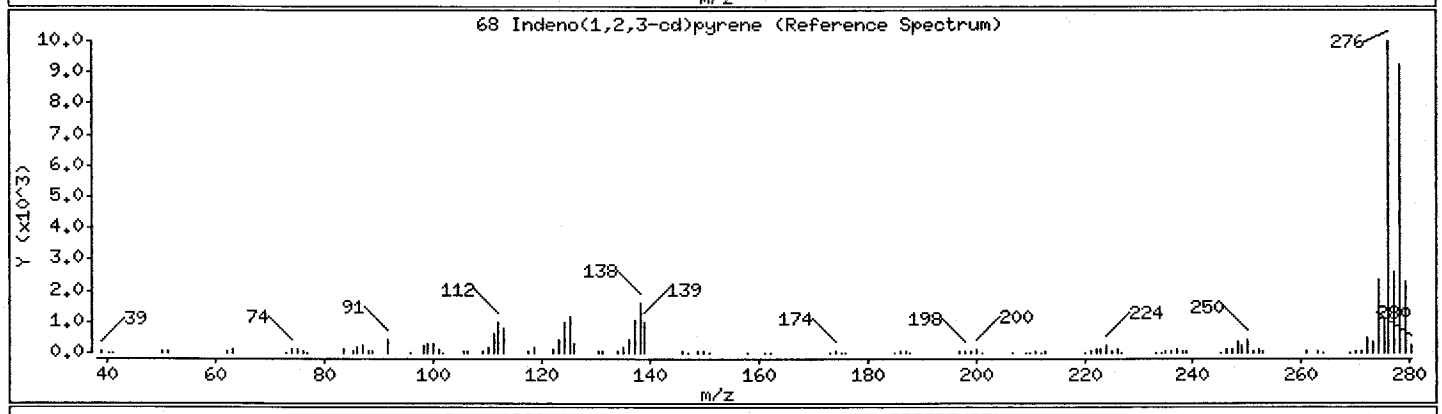
Operator: BNAMS 4

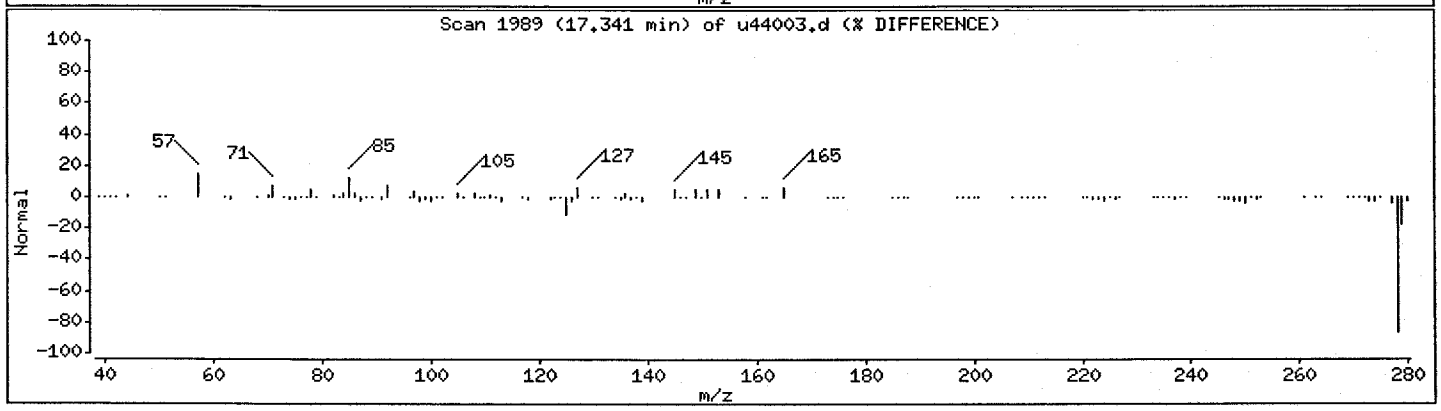
Column phase: DB-5 Column diameter: 0.25

68 Indeno(1,2,3-cd)pyrene Concentration: 270 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44003.d

Date : 09-APR-2008 17:59

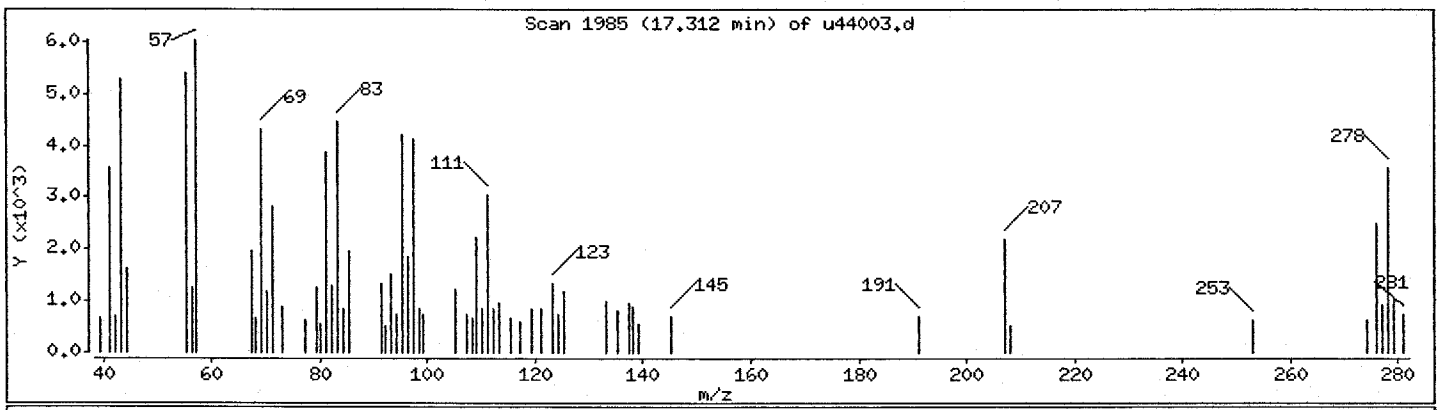
Client ID: 032608-0905 Instrument: BNAMS4.i

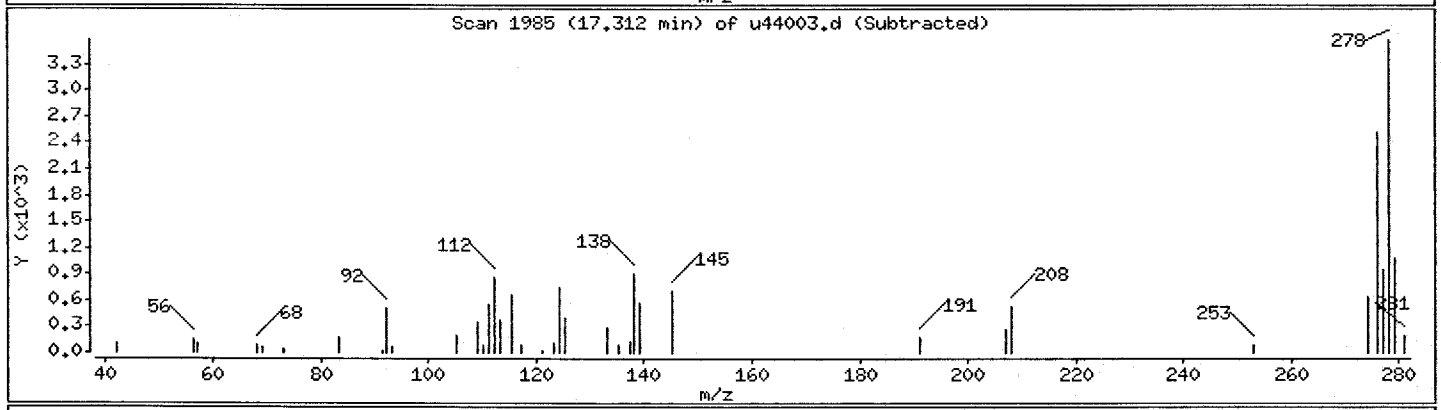
Sample Info: 908698;4225898

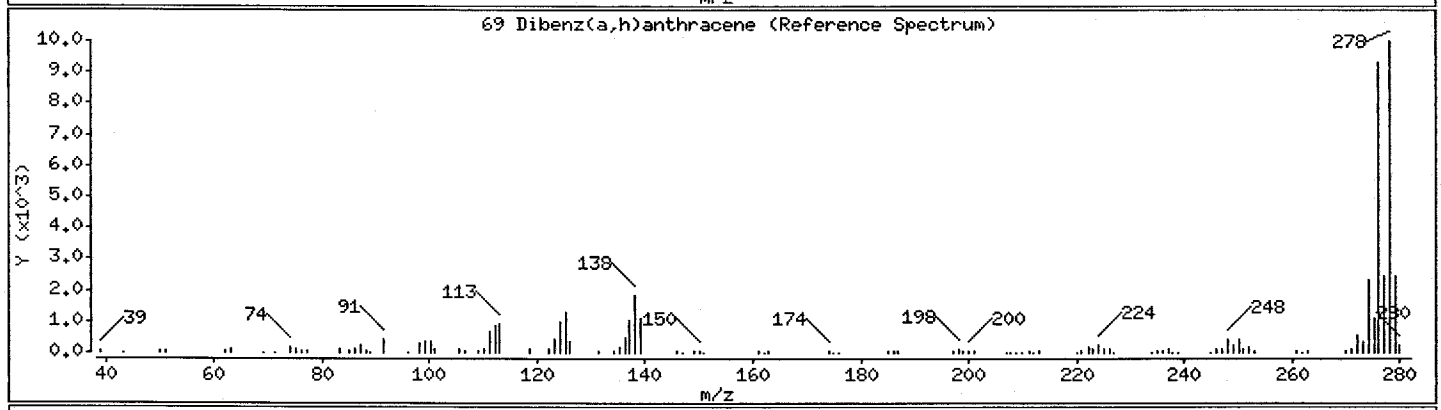
Operator: BNAMS 4

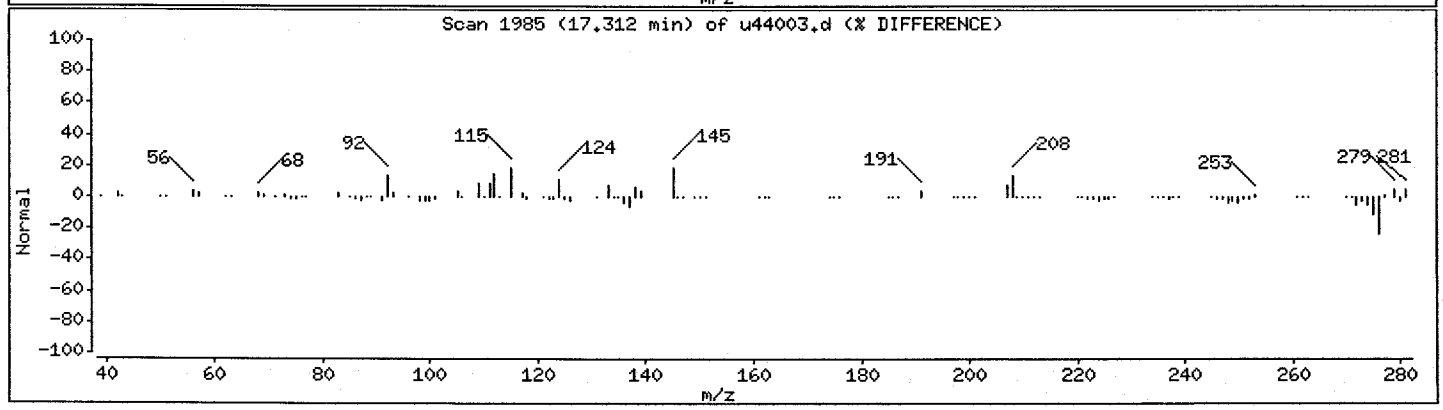
Column phase: DB-5 Column diameter: 0.25

69 Dibenz(a,h)anthracene Concentration: 110 ug/Kg









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Date : 09-APR-2008 17:59

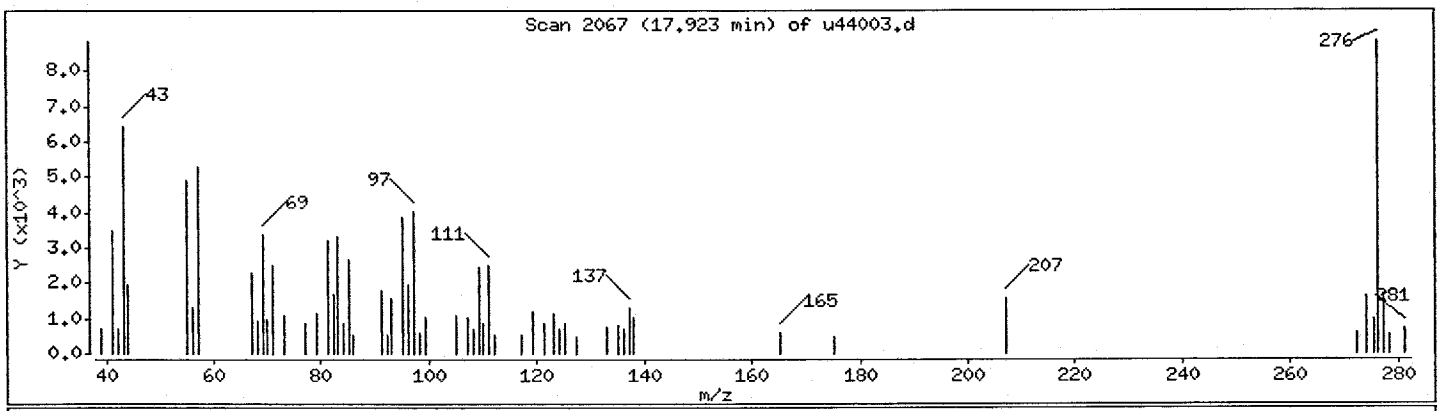
Client ID: 032608-0905 Instrument: BNAMS4.i

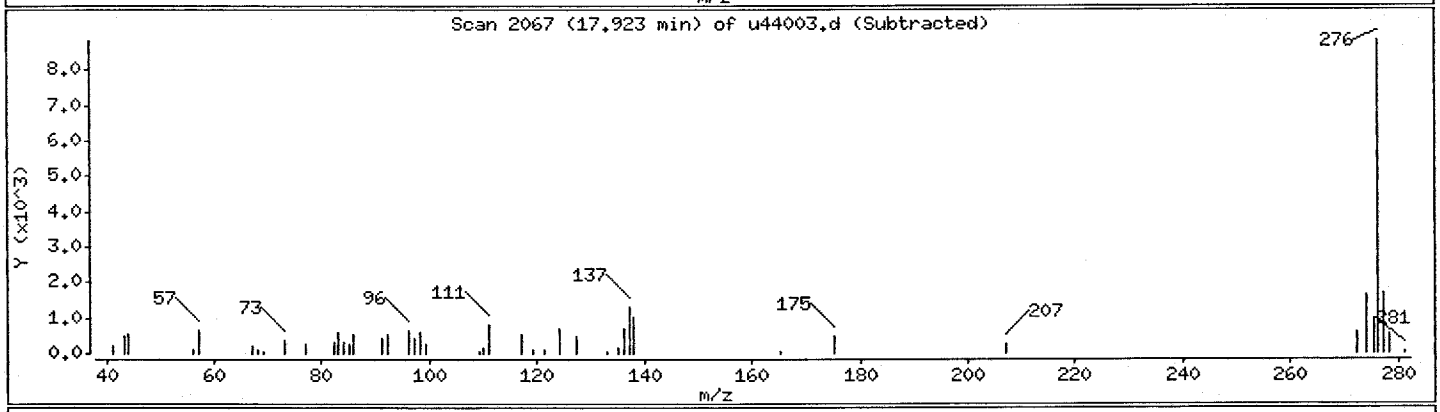
Sample Info: 908698;4225898

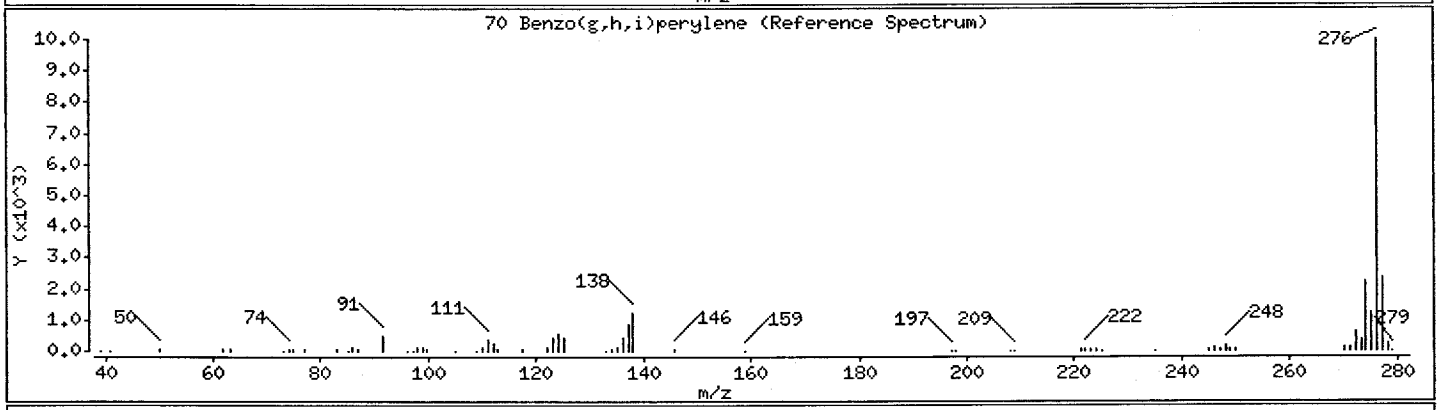
Operator: BNAMS 4

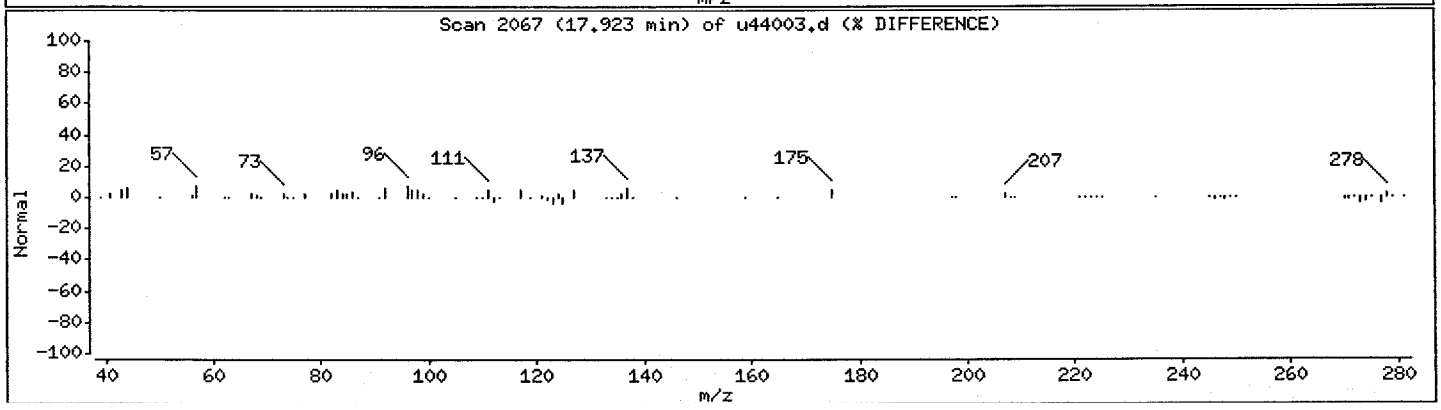
Column phase: DB-5 Column diameter: 0.25

70 Benzo(g,h,i)perylene Concentration: 250 ug/Kg









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Date : 09-APR-2008 17:59

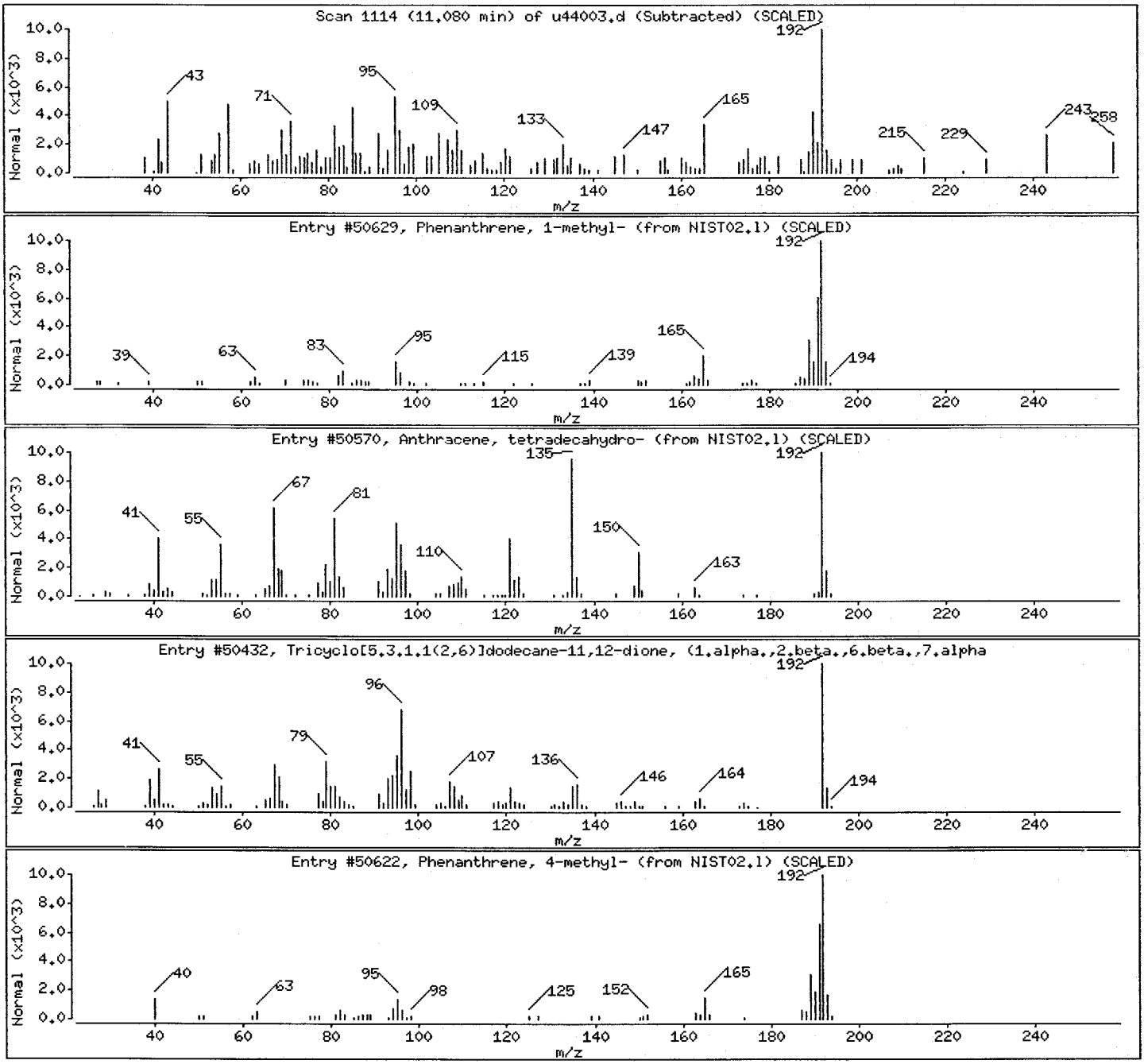
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Phenanthrene, 1-methyl-	832-69-9	NIST02.l	50629	41	C15H12	192
Anthracene, tetradecahydro-	6596-35-6	NIST02.l	50570	38	C14H24	192
Tricyclo[5.3.1.1(2,6)]dodecane-11,12-dio	83098-98-0	NIST02.l	50432	35	C12H16O2	192
Phenanthrene, 4-methyl-	832-64-4	NIST02.l	50622	35	C15H12	192



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Date : 09-APR-2008 17:59

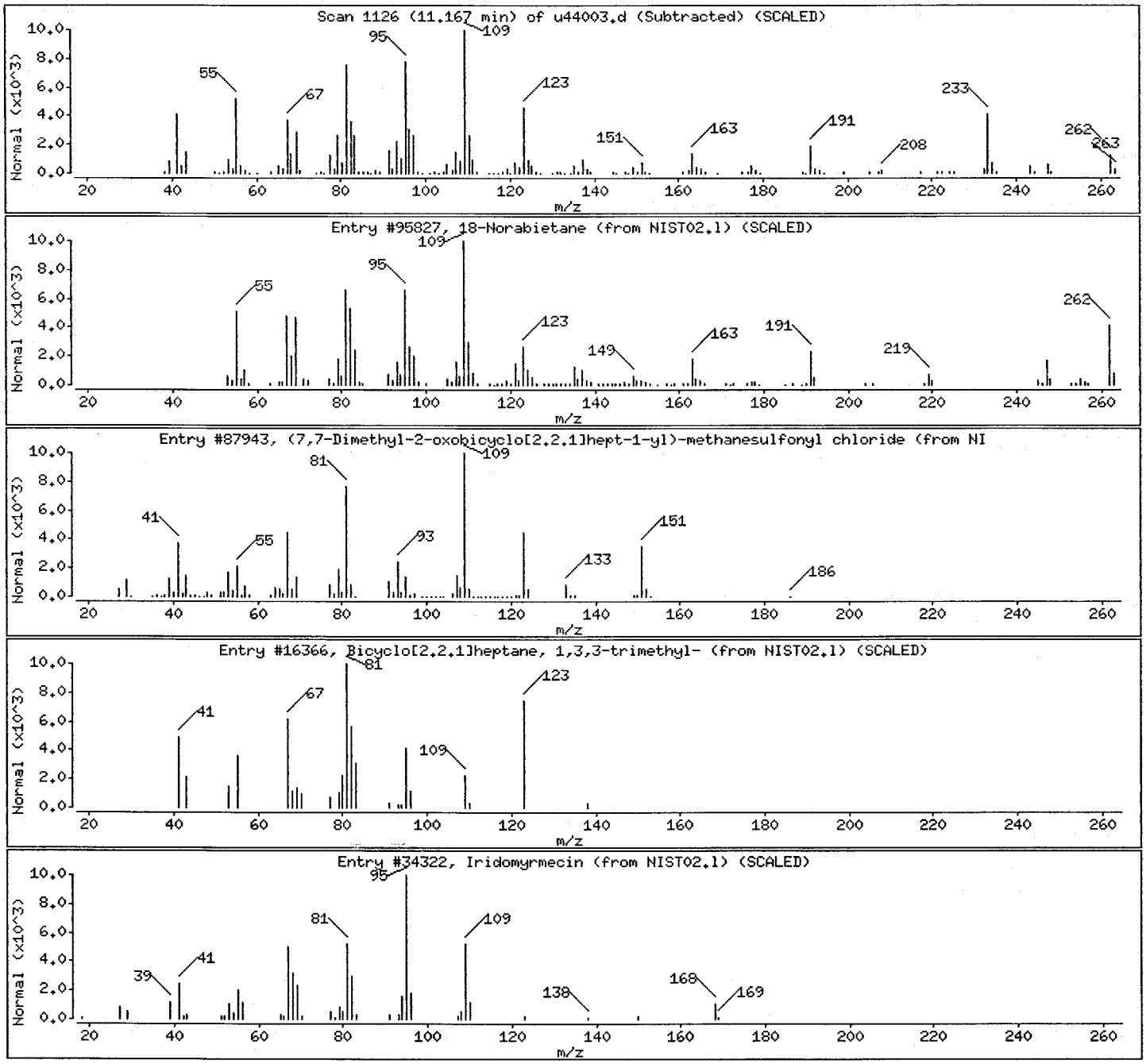
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
18-Norabietane	1000293-16-6	NIST02.l	95827	50	C19H34	262
(7,7-Dimethyl-2-oxobicyclo[2.2.1]hept-1-	1000194-76-1	NIST02.l	87943	43	C10H15ClO3S	250
Bicyclo[2.2.1]heptane, 1,3,3-trimethyl-	6248-88-0	NIST02.l	16366	38	C10H18	138
Iridomyrmecin	485-43-8	NIST02.l	34322	35	C10H16O2	168



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Date : 09-APR-2008 17:59

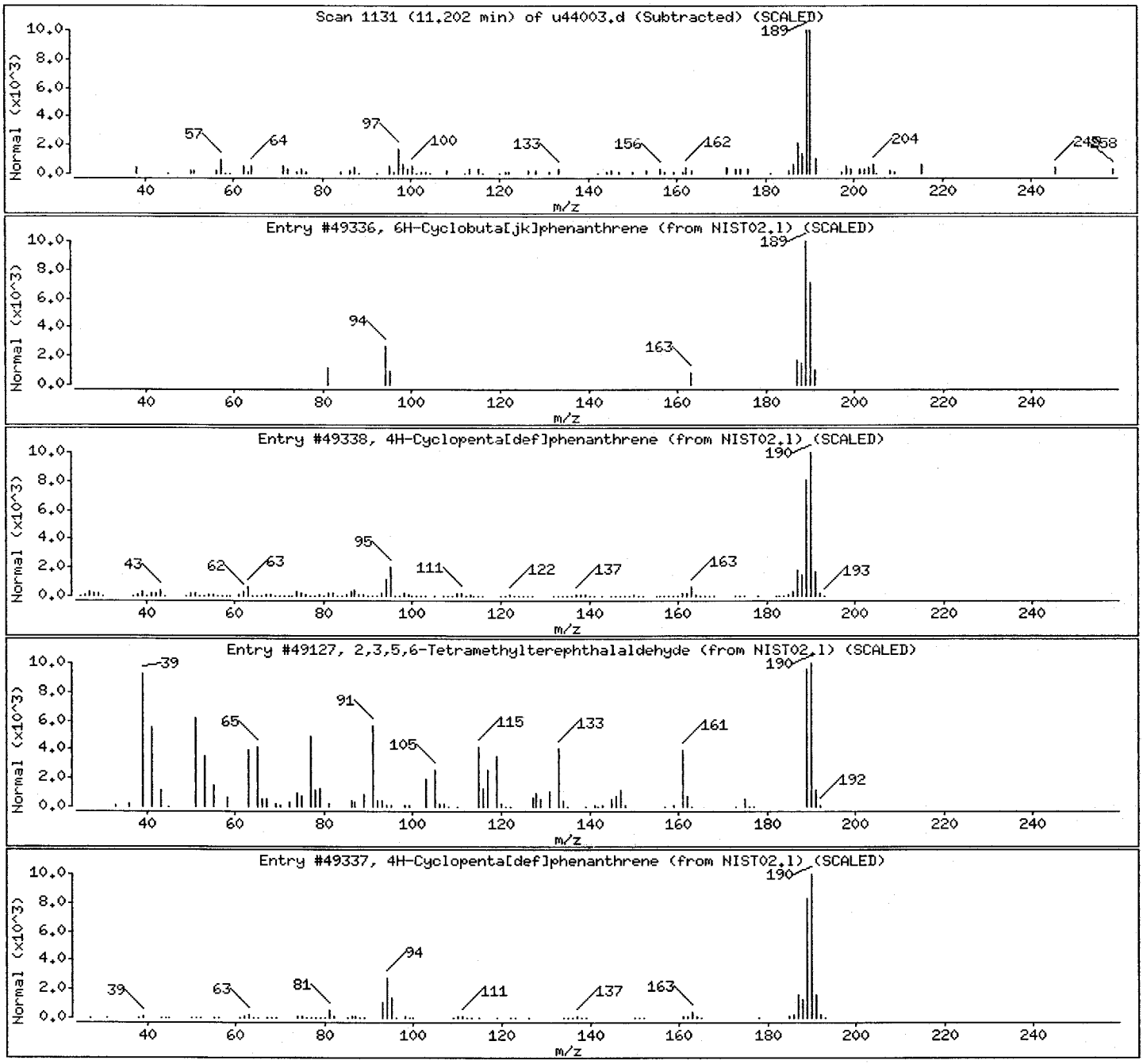
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H10 PAH						
6H-Cyclobuta[jk]phenanthrene	83469-43-6	NIST02.l	49336	72	C15H10	190
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02.l	49338	59	C15H10	190
2,3,5,6-Tetramethylterephthalaldehyde	7072-01-7	NIST02.l	49127	59	C12H1402	190
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02.l	49337	56	C15H10	190



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Date : 09-APR-2008 17:59

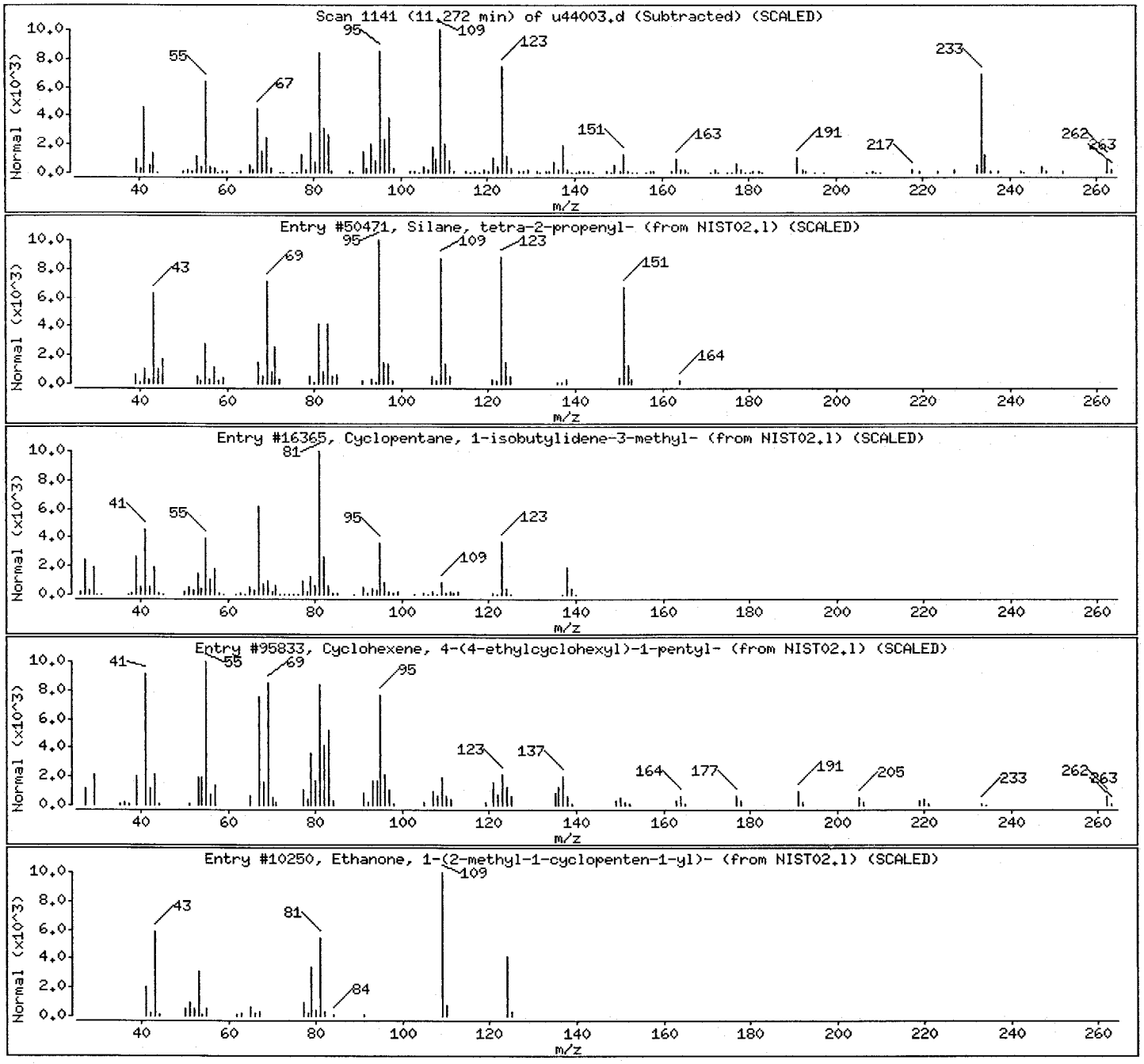
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Silane, tetra-2-propenyl-	1112-66-9	NIST02.l	50471	35	C12H20Si	192
Cyclopentane, 1-isobutylidene-3-methyl-	1000150-62-1	NIST02.l	16365	35	C10H18	138
Cyclohexene, 4-(4-ethylcyclohexyl)-1-pen	301643-32-3	NIST02.l	95833	35	C19H34	262
Ethanone, 1-(2-methyl-1-cyclopenten-1-yl	3168-90-9	NIST02.l	10250	25	C8H12O	124



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Date : 09-APR-2008 17:59

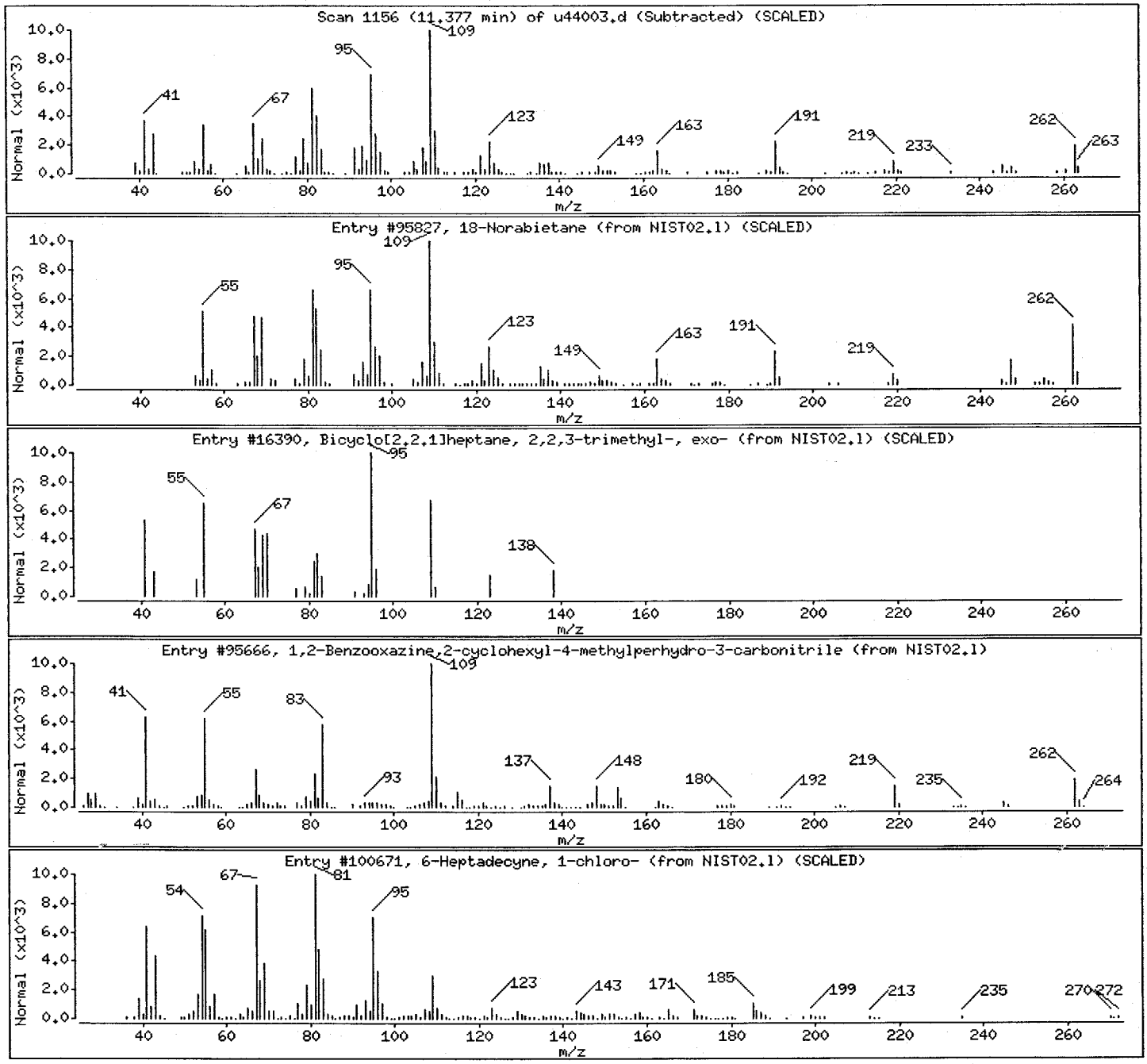
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
18-Norabietane	1000293-16-6	NIST02.l	95827	91	C19H34	262
Bicyclo[2.2.1]heptane, 2,2,3-trimethyl-,	20536-41-8	NIST02.l	16390	43	C10H18	138
1,2-Benzooxazine,2-cyclohexyl-4-methylpe	37898-39-8	NIST02.l	95666	41	C16H26N2O	262
6-Heptadecyne, 1-chloro-	56599-59-8	NIST02.l	100671	35	C17H31Cl	270



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Date : 09-APR-2008 17:59

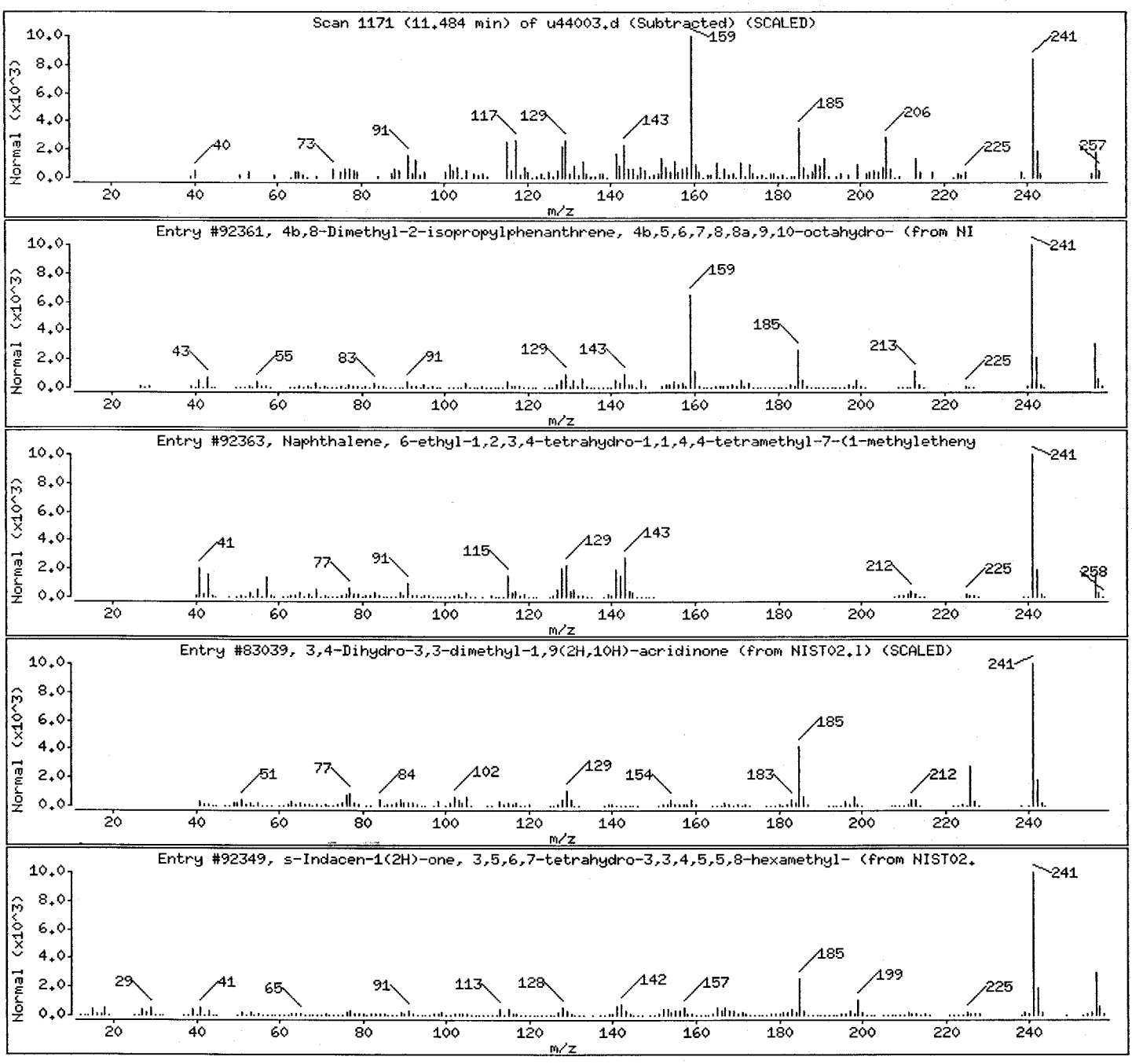
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
4b,8-Dimethyl-2-isopropylphenanthrene, 4	1000197-14-1	NIST02.l	92361	93	C19H28	256
Naphthalene, 6-ethyl-1,2,3,4-tetrahydro-	301643-35-6	NIST02.l	92363	70	C19H28	256
3,4-Dihydro-3,3-dimethyl-1,9(2H,10H)-acr	1000212-95-2	NIST02.l	83039	42	C15H15NO2	241
s-Indacen-1(2H)-one, 3,5,6,7-tetrahydro-	38754-94-8	NIST02.l	92349	38	C18H24O	256



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Date : 09-APR-2008 17:59

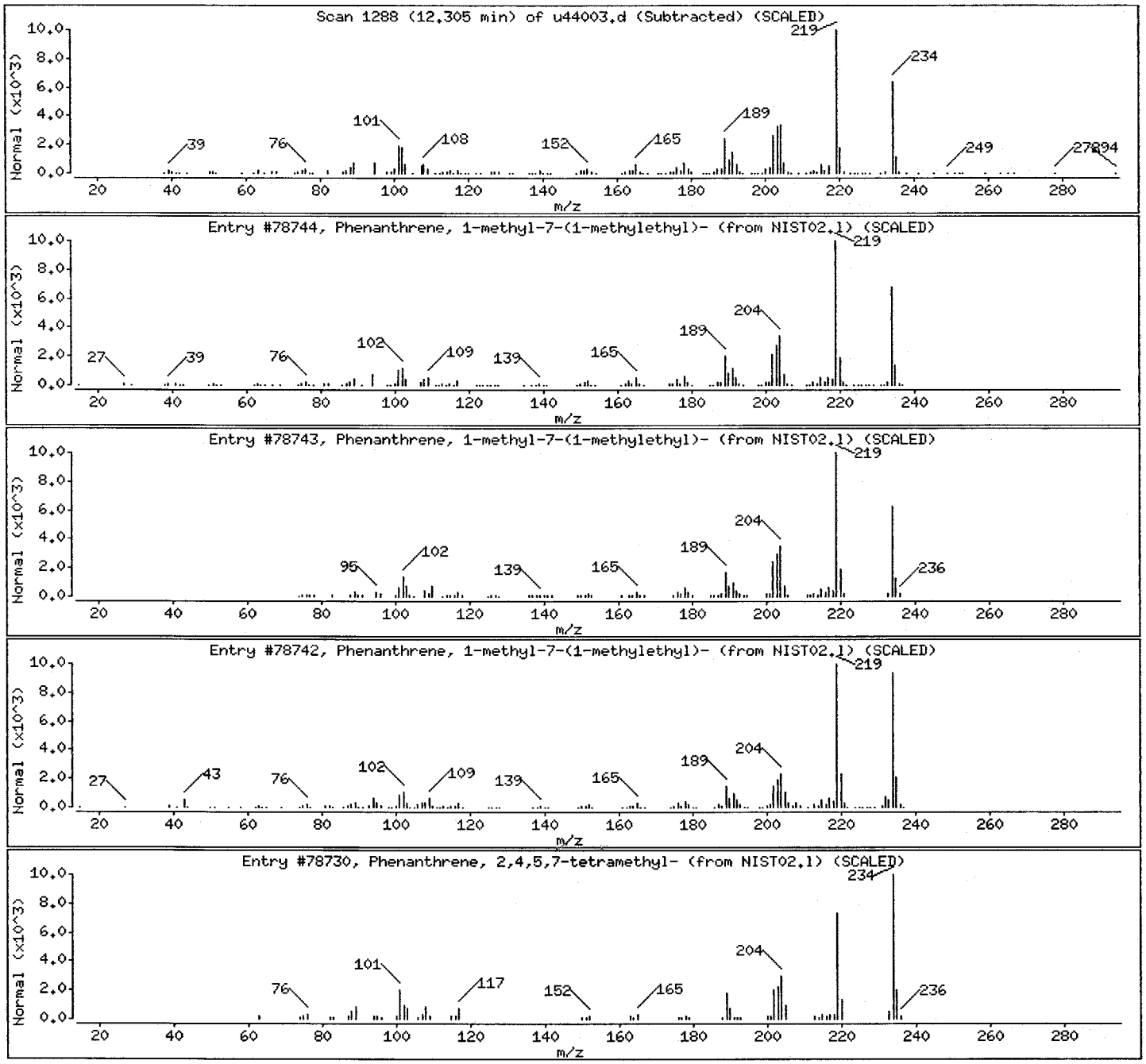
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 1-methyl-7-(1-methylethyl)	483-65-8	NIST02.l	78744	98	C18H18	234
Phenanthrene, 1-methyl-7-(1-methylethyl)	483-65-8	NIST02.l	78743	97	C18H18	234
Phenanthrene, 1-methyl-7-(1-methylethyl)	483-65-8	NIST02.l	78742	91	C18H18	234
Phenanthrene, 2,4,5,7-tetramethyl-	7396-38-5	NIST02.l	78730	90	C18H18	234



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Date : 09-APR-2008 17:59

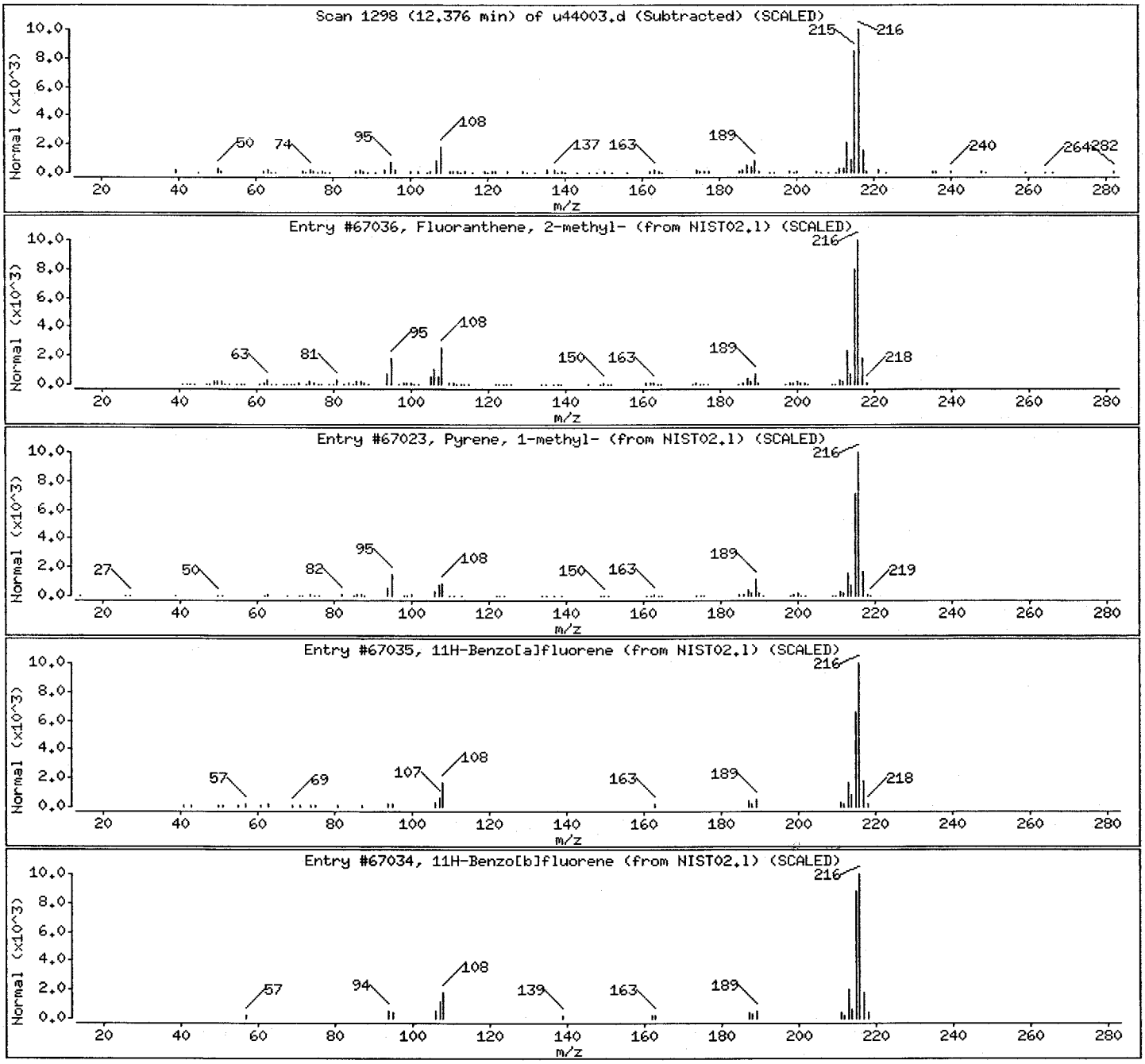
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C17H12 PAH						
Fluoranthene, 2-methyl-	33543-31-6	NIST02.l	67036	90	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST02.l	67023	87	C17H12	216
11H-Benzo[a]fluorene	238-84-6	NIST02.l	67035	87	C17H12	216
11H-Benzo[b]fluorene	243-17-4	NIST02.l	67034	87	C17H12	216



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Date : 09-APR-2008 17:59

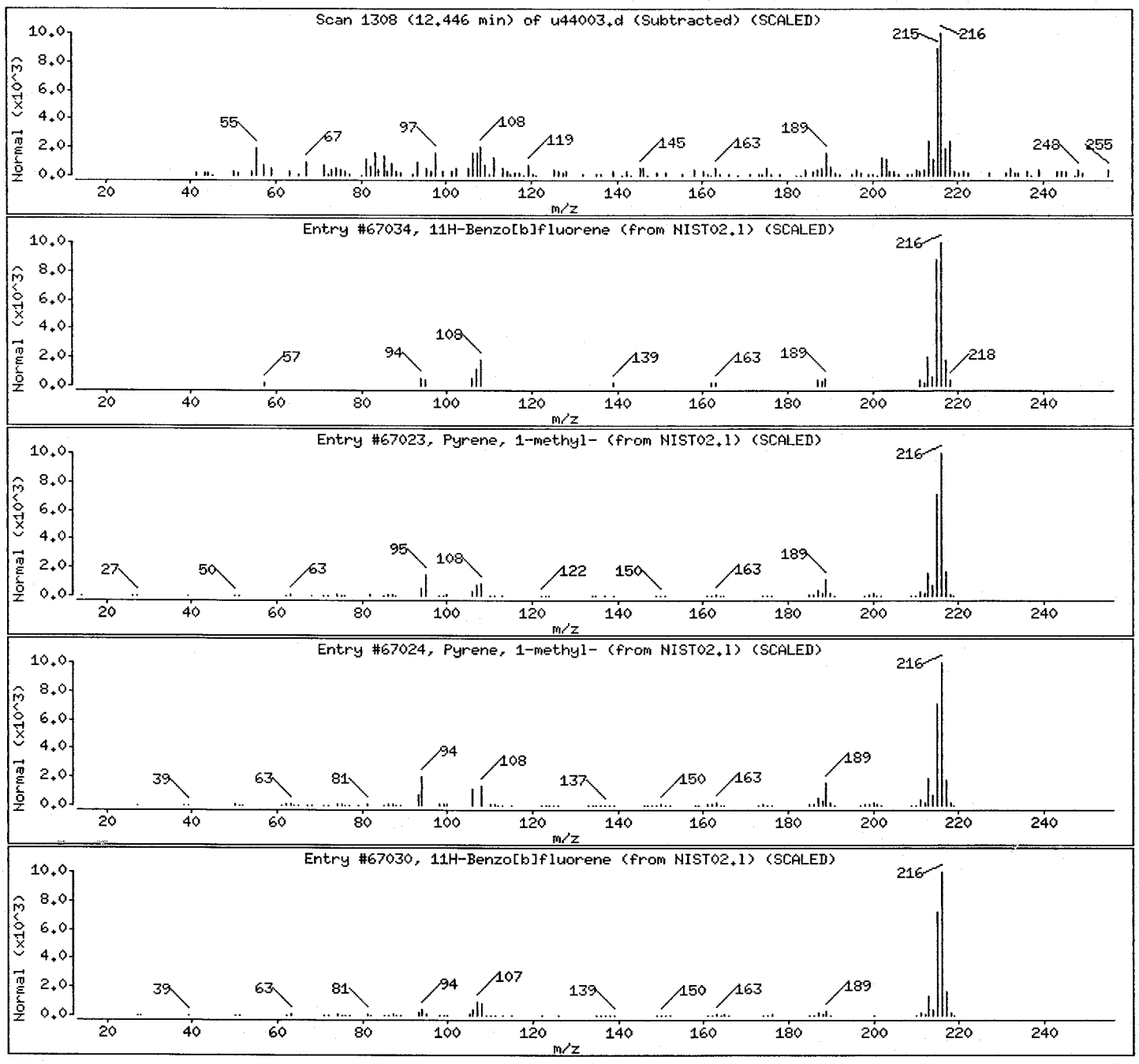
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C17H12 PAH						
11H-Benzo[b]fluorene	243-17-4	NIST02.l	67034	94	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST02.l	67023	93	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST02.l	67024	76	C17H12	216
11H-Benzo[b]fluorene	243-17-4	NIST02.l	67030	76	C17H12	216



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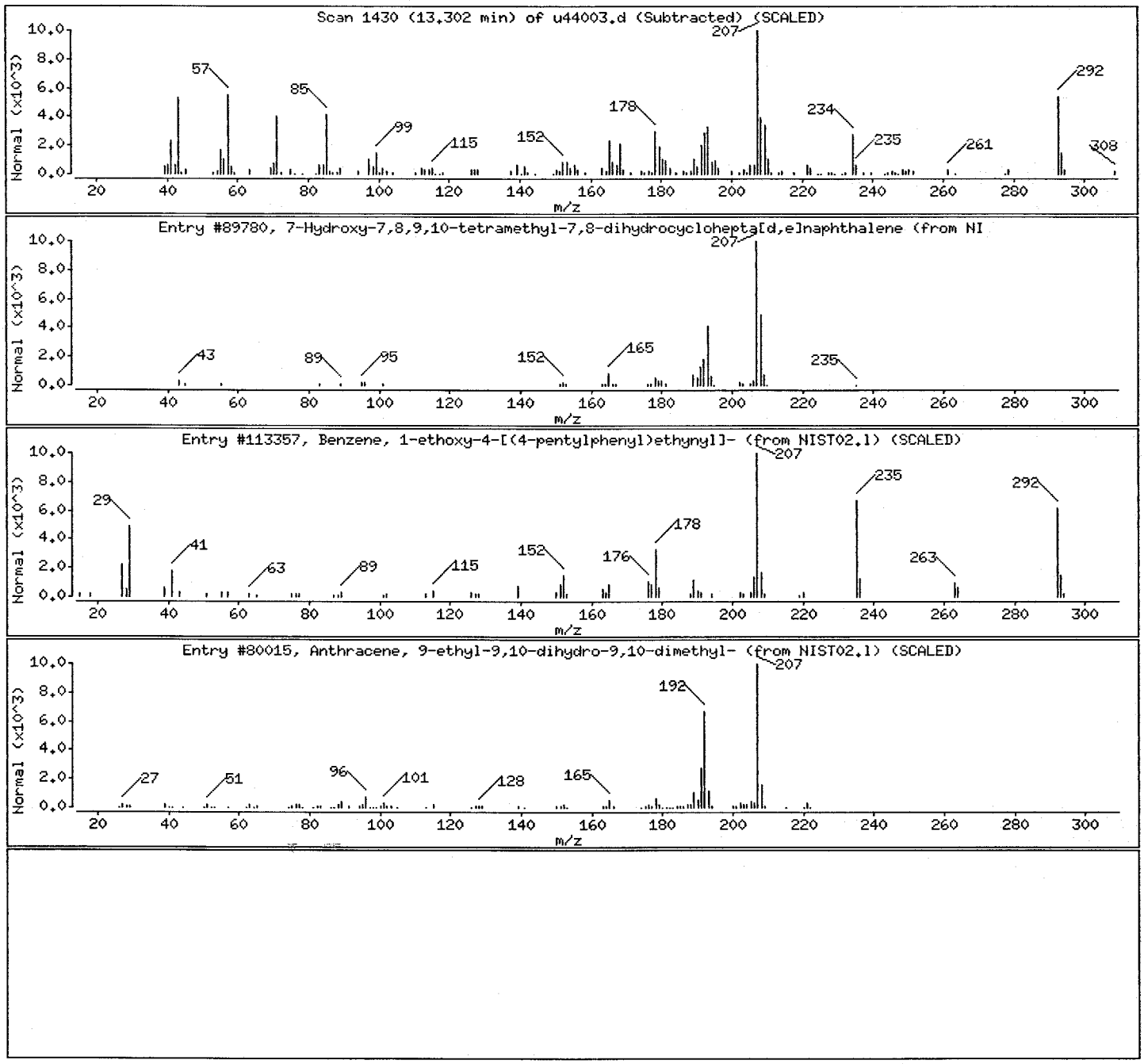
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
7-Hydroxy-7,8,9,10-tetramethyl-7,8-dihyd	1000110-34-9	NIST02.l	89780	38	C18H20O	252
Benzene, 1-ethoxy-4-[(4-pentylphenyl)eth	95480-29-8	NIST02.l	113357	38	C21H24O	292
Anthracene, 9-ethyl-9,10-dihydro-9,10-di	54947-86-3	NIST02.l	80015	22	C18H20	236



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Date : 09-APR-2008 17:59

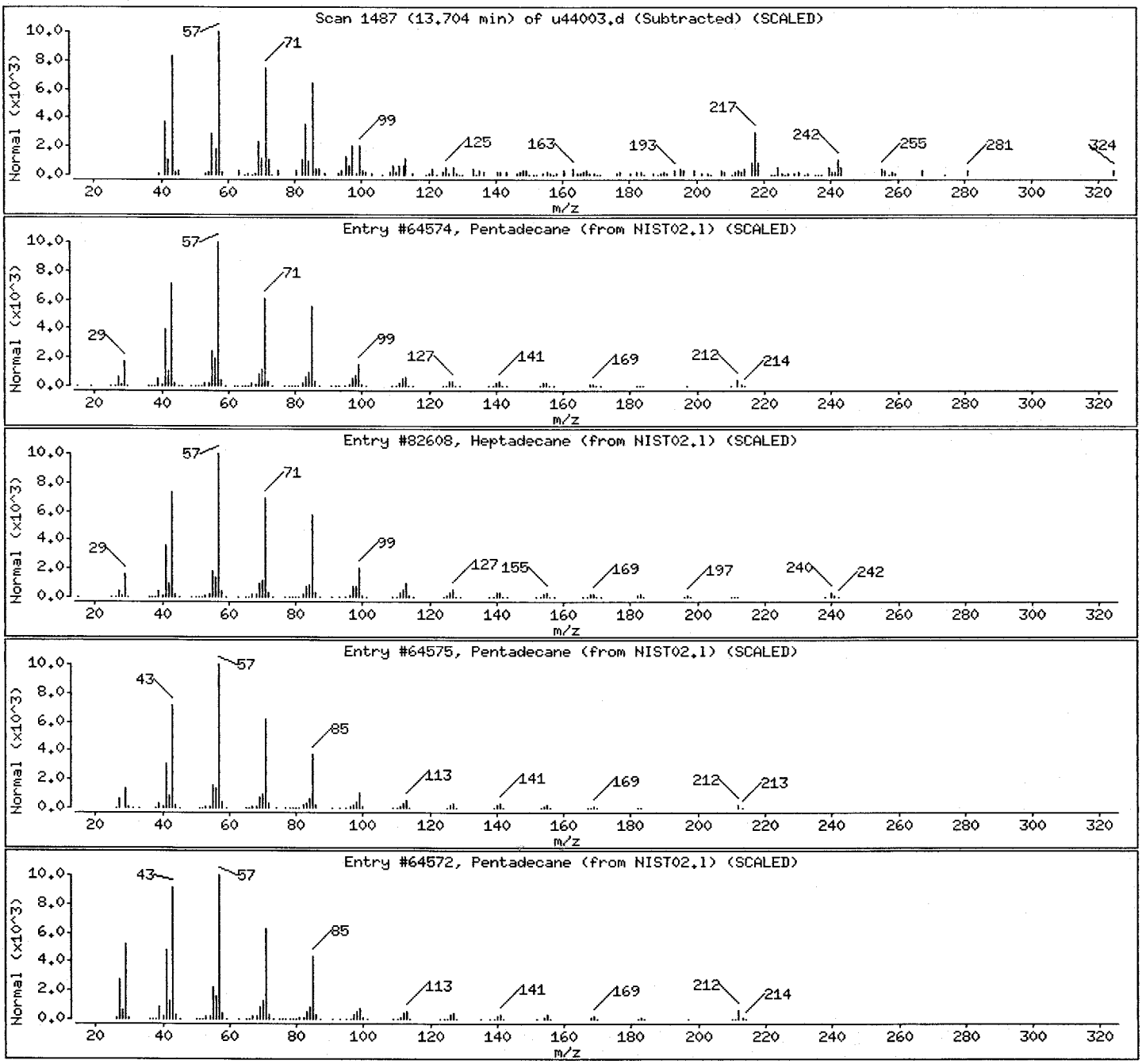
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Pentadecane	629-62-9	NIST02.l	64574	86	C15H32	212
Heptadecane	629-78-7	NIST02.l	82608	70	C17H36	240
Pentadecane	629-62-9	NIST02.l	64575	64	C15H32	212
Pentadecane	629-62-9	NIST02.l	64572	60	C15H32	212



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Date : 09-APR-2008 17:59

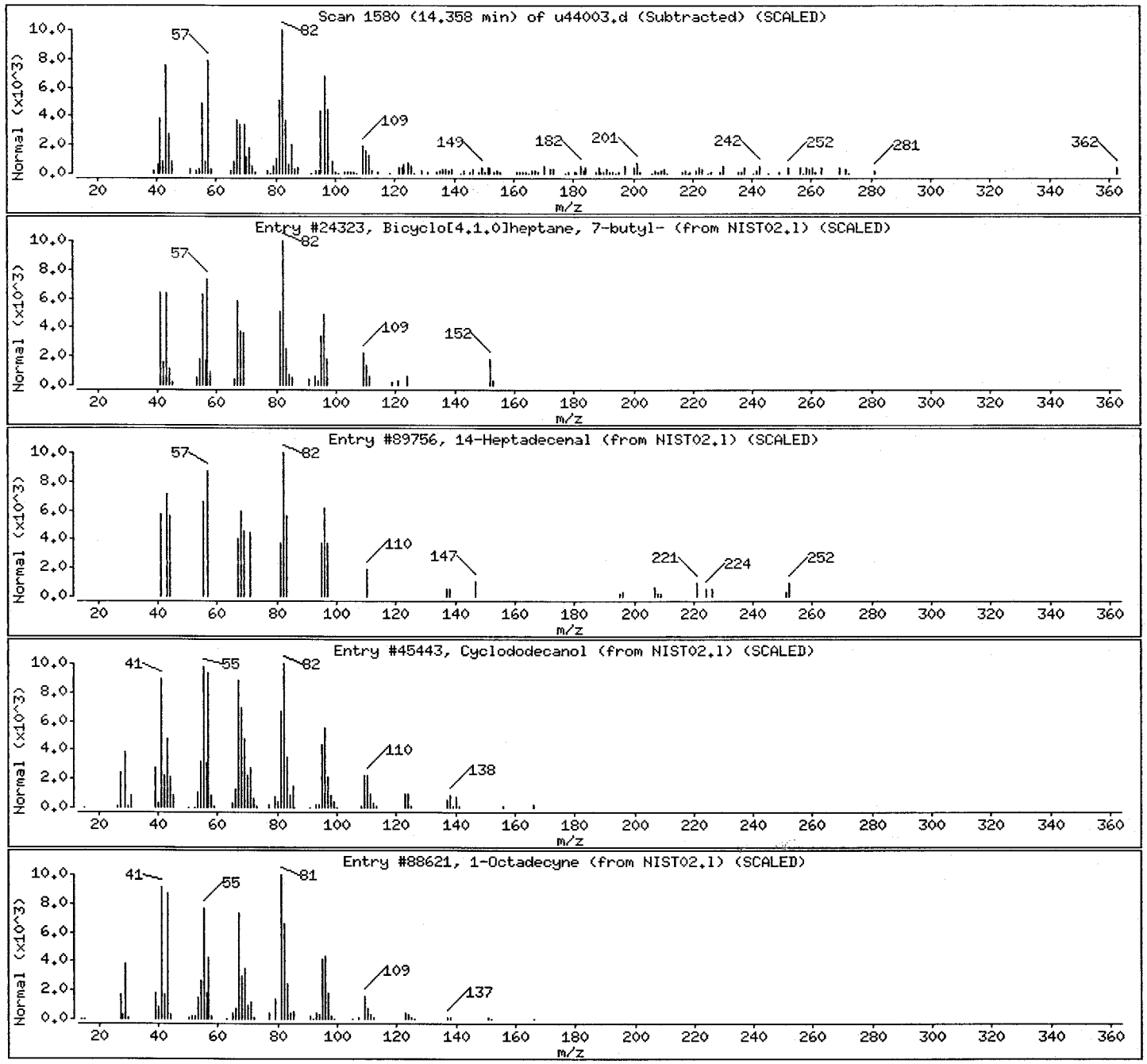
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Bicyclo[4.1.0]heptane, 7-butyl-	18645-10-8	NIST02.l	24323	89	C11H20	152
14-Heptadecenal	1000144-58-0	NIST02.l	89756	64	C17H32O	252
Cyclododecanol	1724-39-6	NIST02.l	45443	62	C12H24O	184
1-Octadecyne	629-89-0	NIST02.l	88621	58	C18H34	250



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Date : 09-APR-2008 17:59

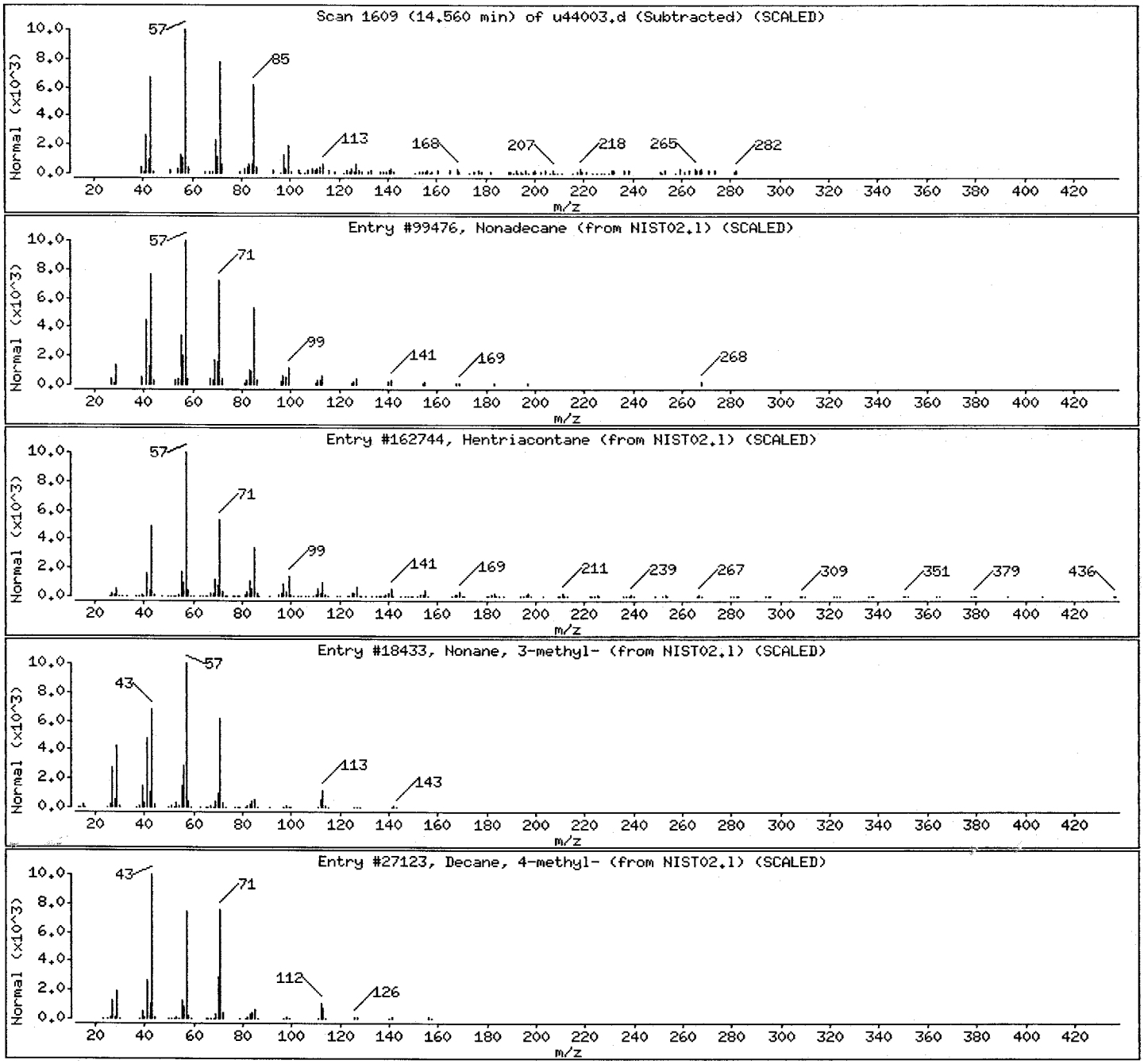
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Nonadecane	629-92-5	NIST02.l	99476	83	C19H40	268
Hentriacontane	630-04-6	NIST02.l	162744	78	C31H64	437
Nonane, 3-methyl-	5911-04-6	NIST02.l	18433	46	C10H22	142
Decane, 4-methyl-	2847-72-5	NIST02.l	27123	46	C11H24	156



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Date : 09-APR-2008 17:59

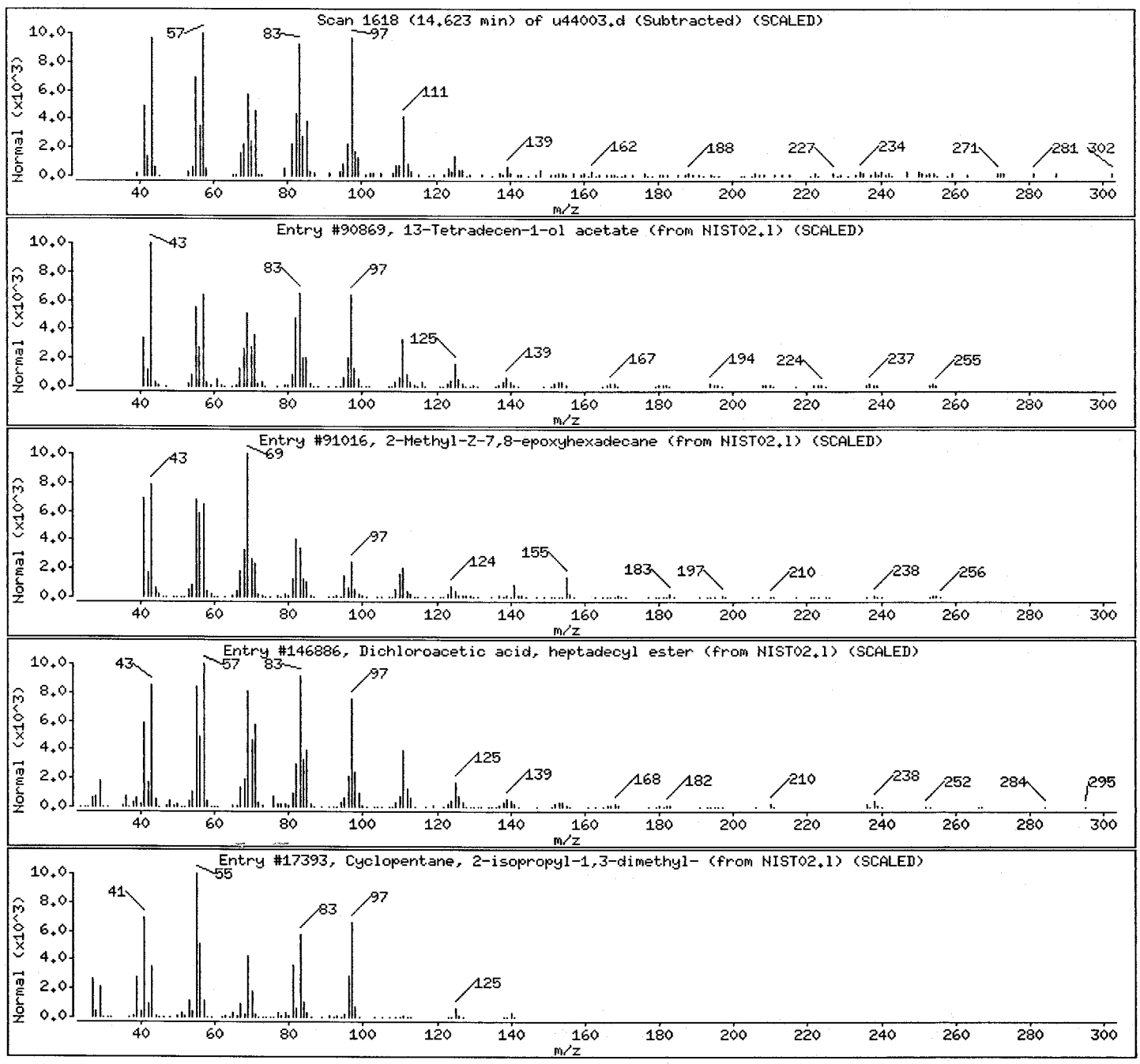
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
13-Tetradecen-1-ol acetate	56221-91-1	NIST02.l	90869	53	C16H30O2	254
2-Methyl-Z-7,8-epoxyhexadecane	1000130-86-3	NIST02.l	91016	52	C17H34O	254
Dichloroacetic acid, heptadecyl ester	1000282-98-2	NIST02.l	146886	43	C19H36Cl2O2	366
Cyclopentane, 2-isopropyl-1,3-dimethyl-	32281-85-9	NIST02.l	17393	41	C10H20	140



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Date : 09-APR-2008 17:59

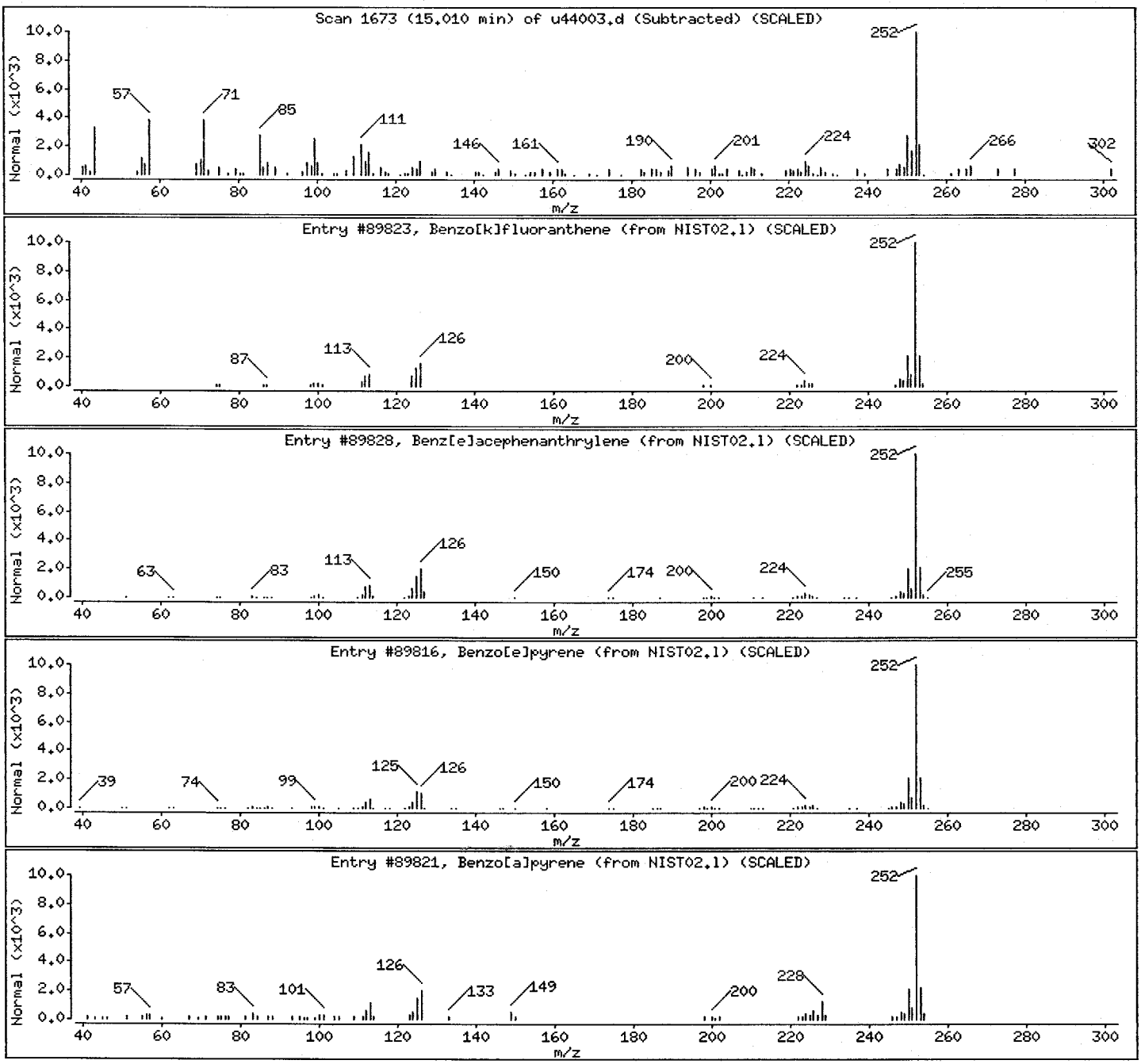
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH						
Benzo[k]fluoranthene	207-08-9	NIST02.l	89823	46	C20H12	252
Benz[e]acephenanthrylene	205-99-2	NIST02.l	89828	43	C20H12	252
Benzo[e]pyrene	192-97-2	NIST02.l	89816	43	C20H12	252
Benzo[a]pyrene	50-32-8	NIST02.l	89821	41	C20H12	252



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44003.d

Date : 09-APR-2008 17:59

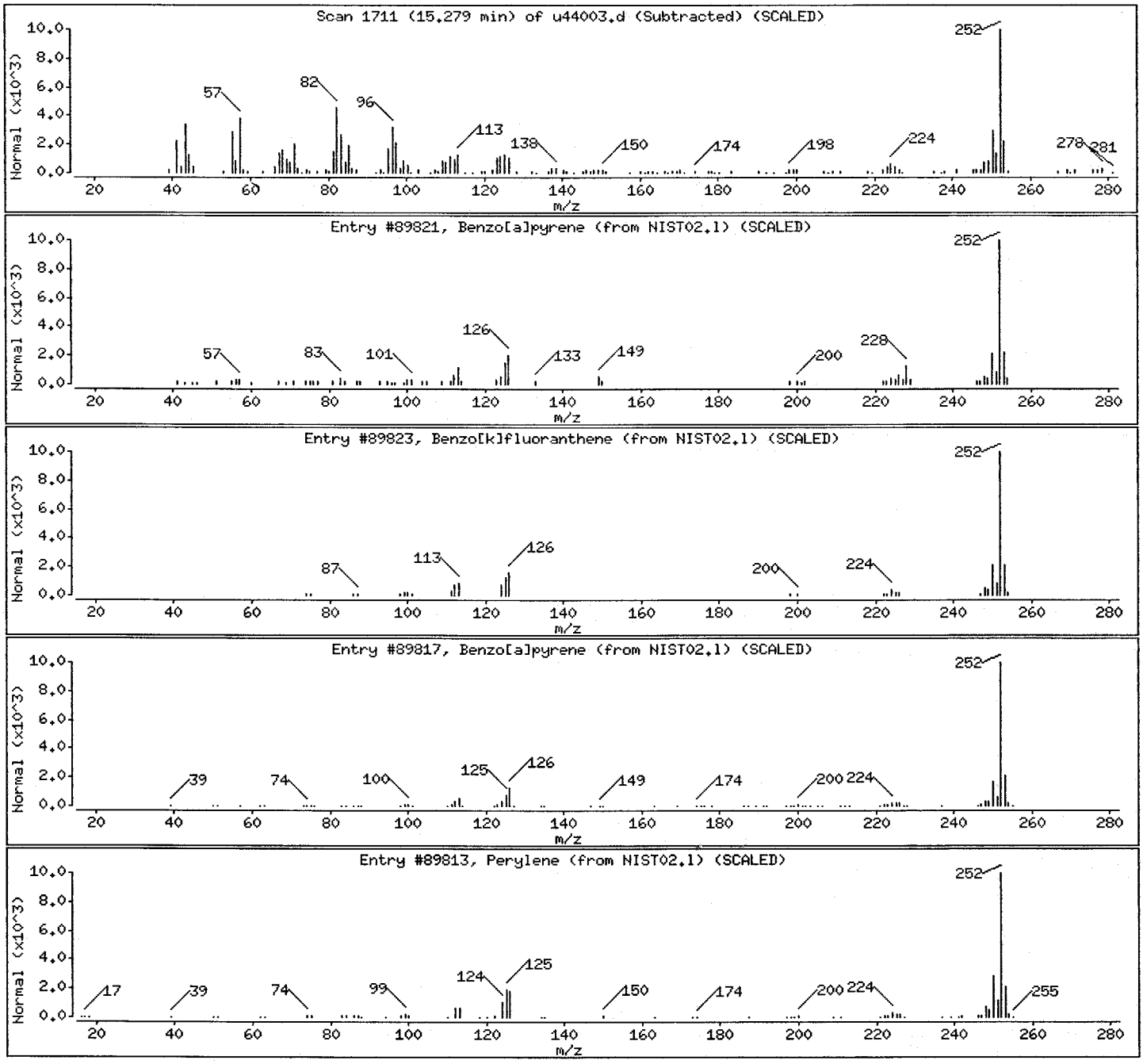
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH						
Benzo[a]pyrene	50-32-8	NIST02.l	89821	62	C20H12	252
Benzo[k]fluoranthene	207-08-9	NIST02.l	89823	62	C20H12	252
Benzo[a]pyrene	50-32-8	NIST02.l	89817	52	C20H12	252
Perylene	198-55-0	NIST02.l	89813	46	C20H12	252



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44003.d

Date : 09-APR-2008 17:59

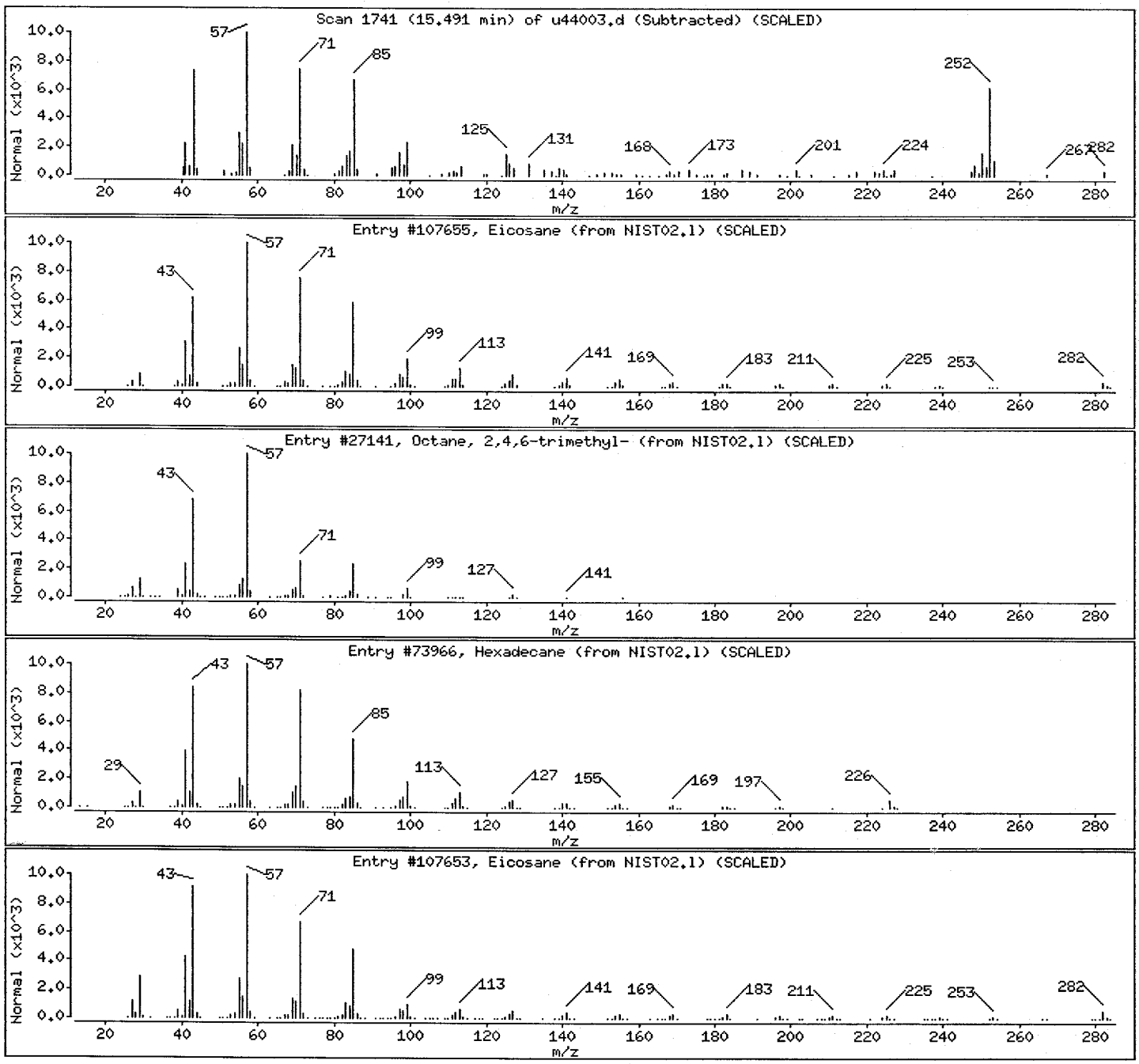
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Eicosane	112-95-8	NIST02.l	107655	78	C20H42	282
Octane, 2,4,6-trimethyl-	62016-37-9	NIST02.l	27141	49	C11H24	156
Hexadecane	544-76-3	NIST02.l	73966	49	C16H34	226
Eicosane	112-95-8	NIST02.l	107653	49	C20H42	282



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Date : 09-APR-2008 17:59

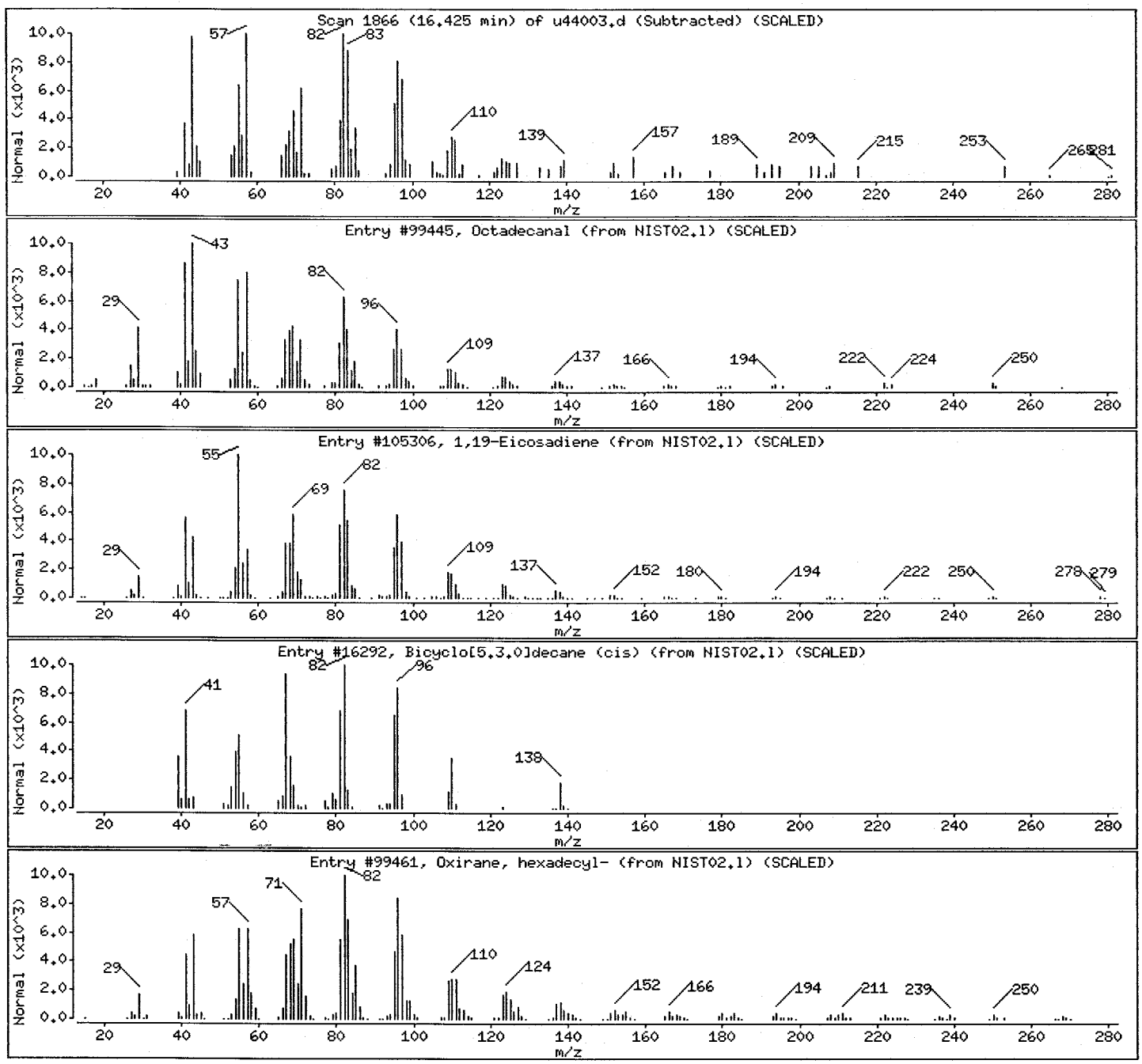
Client ID: 032608-0905 Instrument: BNAMS4.i

Sample Info: 908698;4225898

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Octadecanal	638-66-4	NIST02.l	99445	90	C18H36O	268
1,19-Eicosadiene	14811-95-1	NIST02.l	105306	72	C20H38	278
Bicyclo[5.3.0]decane (cis)	16189-46-1	NIST02.l	16292	45	C10H18	138
Oxirane, hexadecyl-	7390-81-0	NIST02.l	99461	43	C18H36O	268



Client ID: **032608-0910**
Site: BP Hastings

Lab Sample No: **908699**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34094.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 36

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	520
2-Chlorophenol	ND	520
2-Methylphenol	ND	520
4-Methylphenol	22 J	520
2-Nitrophenol	ND	520
2,4-Dimethylphenol	ND	520
2,4-Dichlorophenol	ND	520
4-Chloro-3-methylphenol	ND	520
2,4,6-Trichlorophenol	ND	520
2,4,5-Trichlorophenol	ND	520
2,4-Dinitrophenol	ND	1600
4-Nitrophenol	ND	1600
4,6-Dinitro-2-methylphenol	ND	1600
Pentachlorophenol	ND	1600

Client ID: **032608-0910**
Site: BP Hastings

Lab Sample No: **908699**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34094.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 36

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	52
1,3-Dichlorobenzene	ND	520
1,4-Dichlorobenzene	ND	520
1,2-Dichlorobenzene	ND	520
bis(2-chloroisopropyl)ether	ND	520
N-Nitroso-di-n-propylamine	ND	52
Hexachloroethane	ND	52
Nitrobenzene	ND	52
Isophorone	ND	520
bis(2-Chloroethoxy)methane	ND	520
1,2,4-Trichlorobenzene	ND	52
Naphthalene	55 J	520
4-Chloroaniline	ND	520
Hexachlorobutadiene	ND	100
2-Methylnaphthalene	ND	520
Hexachlorocyclopentadiene	ND	520
2-Chloronaphthalene	ND	520
2-Nitroaniline	ND	1000
Dimethylphthalate	ND	520
Acenaphthylene	15 J	520
2,6-Dinitrotoluene	ND	100
3-Nitroaniline	ND	1000
Acenaphthene	23 J	520
Dibenzofuran	ND	520
2,4-Dinitrotoluene	ND	100
Diethylphthalate	ND	520
4-Chlorophenyl-phenylether	ND	520
Fluorene	33 J	520
4-Nitroaniline	ND	1000
N-Nitrosodiphenylamine	ND	520
4-Bromophenyl-phenylether	ND	520
Hexachlorobenzene	ND	52
Phenanthrene	400 J	520
Anthracene	100 J	520

Client ID: **032608-0910**
Site: BP Hastings

Lab Sample No: **908699**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34094.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 36

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	18 J	520
Di-n-butylphthalate	ND	520
Fluoranthene	540	520
Pyrene	560	520
Butylbenzylphthalate	ND	520
3,3'-Dichlorobenzidine	ND	1000
Benzo(a)anthracene	280	52
Chrysene	340 J	520
bis(2-Ethylhexyl)phthalate	ND	520
Di-n-octylphthalate	ND	520
Benzo(b)fluoranthene	210	52
Benzo(k)fluoranthene	270	52
Benzo(a)pyrene	290	52
Indeno(1,2,3-cd)pyrene	120	52
Dibenz(a,h)anthracene	38 J	52
Benzo(g,h,i)perylene	140 J	520

Client ID: **032608-0910**
Site: BP Hastings

Lab Sample No: **908699**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34094.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 35.8

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d
Report Date: 09-Apr-2008 12:36

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d
Lab Smp Id: 908699 Client Smp ID: 032608-0910
Inj Date : 08-APR-2008 13:39
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : 908699;4225899
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS6.i/8270/04-02-08/08apr08.b/8270C_08.m
Meth Date : 09-Apr-2008 09:19 monica Quant Type: ISTD
Cal Date : 02-APR-2008 22:21 Cal File: m33969.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	35.80000	% Moisture

Cpnd Variable Local Compound Variable

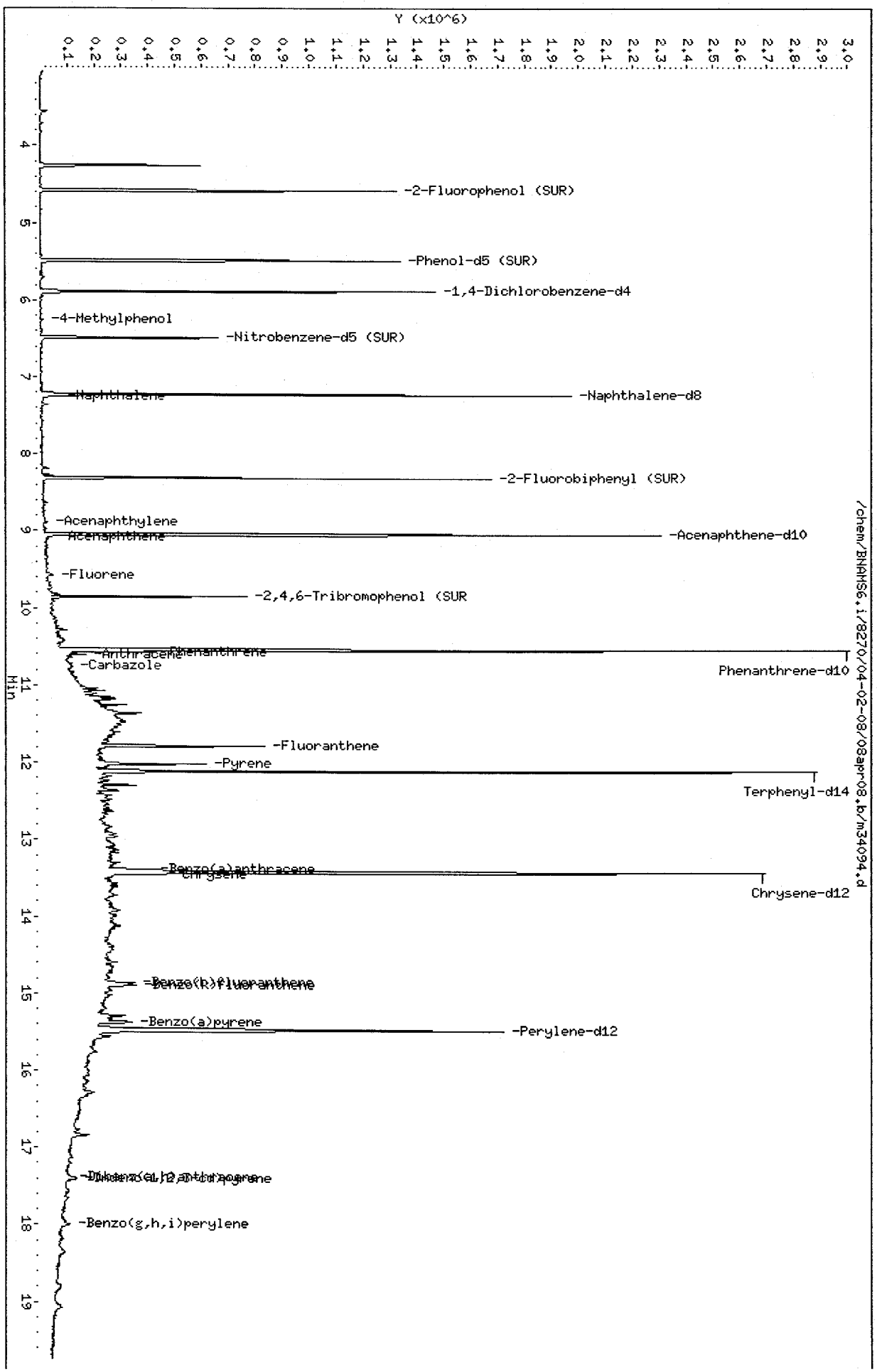
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.584	4.578	(0.779)	434492	57.8200	6000
$ 17 Phenol-d5 (SUR)	99	5.485	5.497	(0.932)	563066	56.4038	5800
* 79 1,4-Dichlorobenzene-d4	152	5.888	5.891	(1.000)	241070	40.0000	
4 4-Methylphenol	108	6.260	6.281	(1.063)	1727	0.21017	22(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.487	6.502	(0.898)	224201	26.0515	2700
* 80 Naphthalene-d8	136	7.223	7.228	(1.000)	1001843	40.0000	
31 Naphthalene	128	7.245	7.251	(1.003)	13190	0.53259	55(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.317	8.322	(0.920)	564613	28.8565	3000
39 Acenaphthylene	152	8.888	8.898	(0.983)	4074	0.14833	15(a)
* 82 Acenaphthene-d10	164	9.042	9.053	(1.000)	660087	40.0000	
42 Acenaphthene	154	9.079	9.083	(1.004)	4064	0.22438	23(a)
47 Fluorene	166	9.579	9.588	(1.059)	6406	0.31438	33(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.852	9.854	(1.090)	68963	17.3213	1800(R)

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d
Report Date: 09-Apr-2008 12:36

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 83 Phenanthrene-d10	188	10.545	10.549	(1.000)	1067139	40.0000	
52 Phenanthrene	178	10.566	10.571	(1.002)	123635	3.83290	400(a)
53 Anthracene	178	10.609	10.623	(1.006)	31814	0.98455	100(a)
54 Carbazole	167	10.754	10.763	(1.020)	5042	0.16901	18(a)
56 Fluoranthene	202	11.786	11.782	(1.118)	165783	5.20941	540
57 Pyrene	202	12.023	12.032	(0.896)	179763	5.40999	560
$ 78 Terphenyl-d14	244	12.113	12.119	(0.902)	868611	34.4866	3600
61 Benzo(a)anthracene	228	13.388	13.402	(0.997)	83809	2.72272	280
* 81 Chrysene-d12	240	13.423	13.429	(1.000)	1202770	40.0000	
62 Chrysene	228	13.451	13.464	(1.002)	89954	3.22680	340(a)
65 Benzo(b)fluoranthene	252	14.869	14.893	(0.960)	66635	2.01897	210(H)
66 Benzo(k)fluoranthene	252	14.897	14.929	(0.962)	76702	2.63513	270
67 Benzo(a)pyrene	252	15.380	15.399	(0.993)	73252	2.75792	290
* 84 Perylene-d12	264	15.485	15.487	(1.000)	937730	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	17.407	17.463	(1.124)	30904	1.18025	120
69 Dibenz(a,h)anthracene	278	17.380	17.450	(1.122)	8218	0.36743	38(a)
70 Benzo(g,h,i)perylene	276	17.997	18.055	(1.162)	28301	1.33726	140(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.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Date : 08-APR-2008 13:39
Client ID: 032608-0910
Sample Info: 908699;4225899
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-4-Methylphenol
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)
-Acenaphthylene
-Acenaphthene-d10
-Fluorene
-2,4,6-Tribromophenol (SUR
-Carbazole
Phenanthrene-d10
-Fluoranthene
-Pyrene
Terphenyl-d14
Chrysene-d12
-Benzo(b)fluoranthene
-Benzo(a)pyrene
-Perylene-d12
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d

Date : 08-APR-2008 13:39

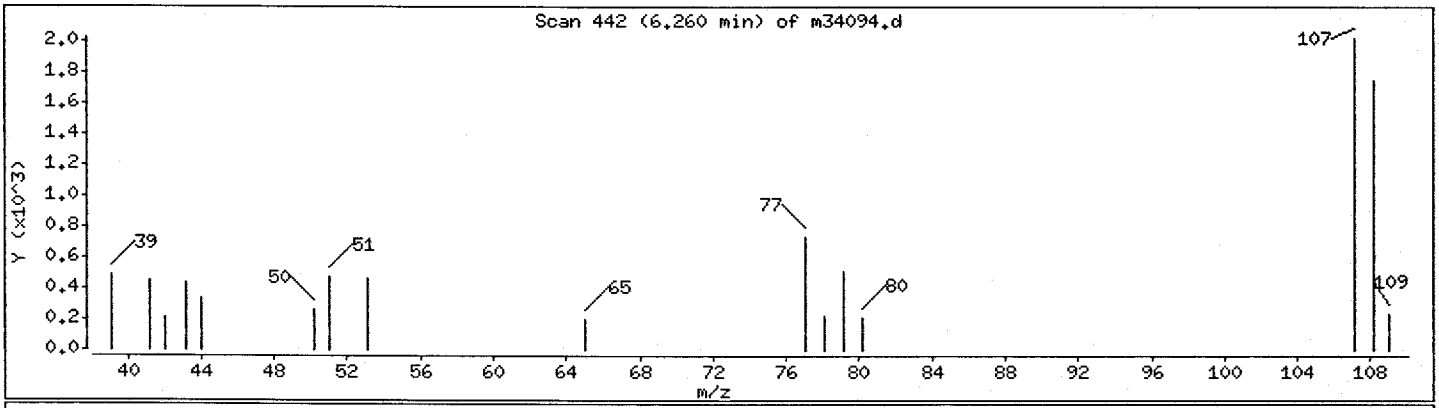
Client ID: 032608-0910 Instrument: BNAMS6.i

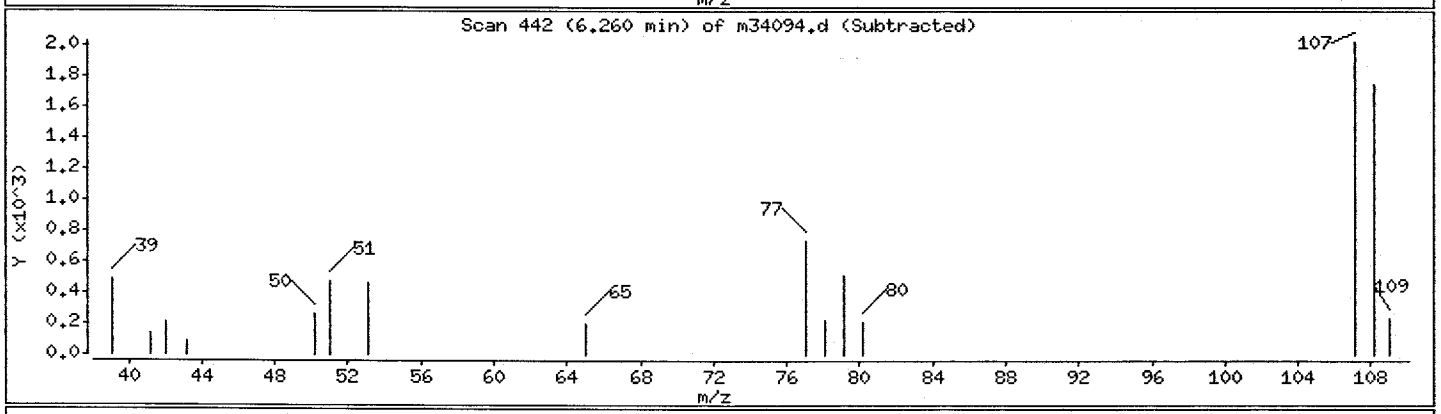
Sample Info: 908699;4225899

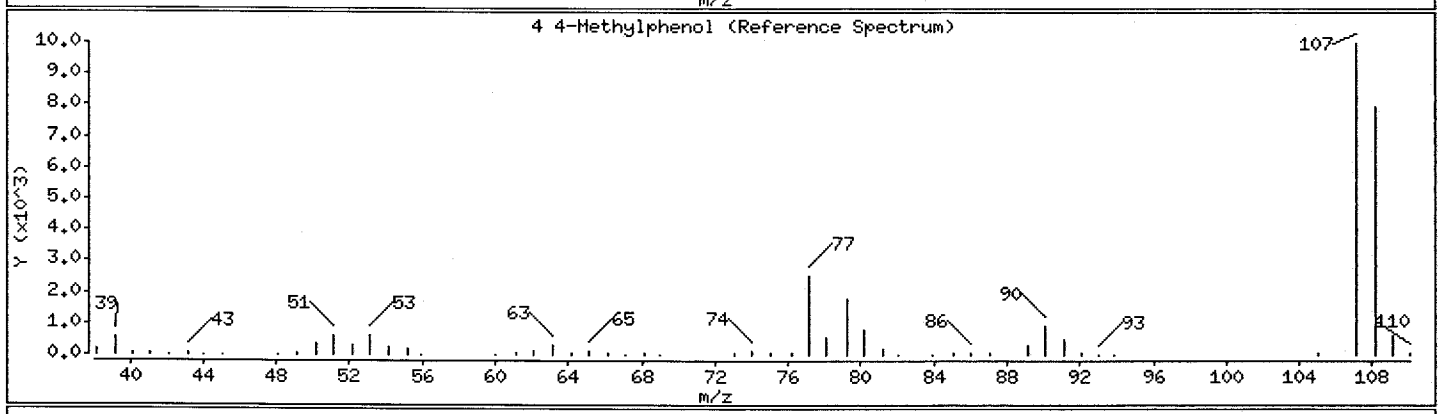
Operator: BNAMS 4

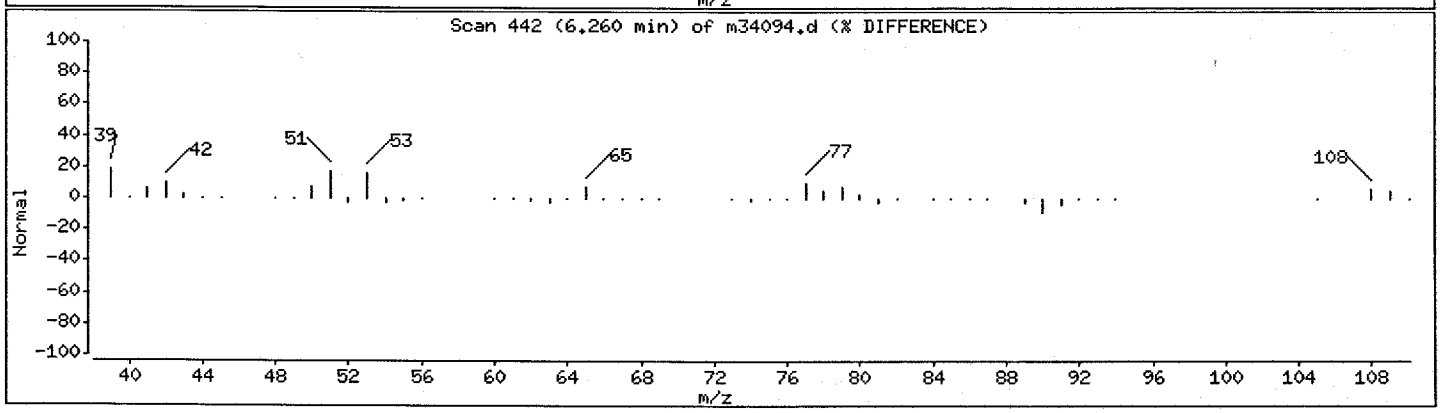
Column phase: DB-5 Column diameter: 0.25

4 4-Methylphenol Concentration: 22 ug/Kg









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Date : 08-APR-2008 13:39

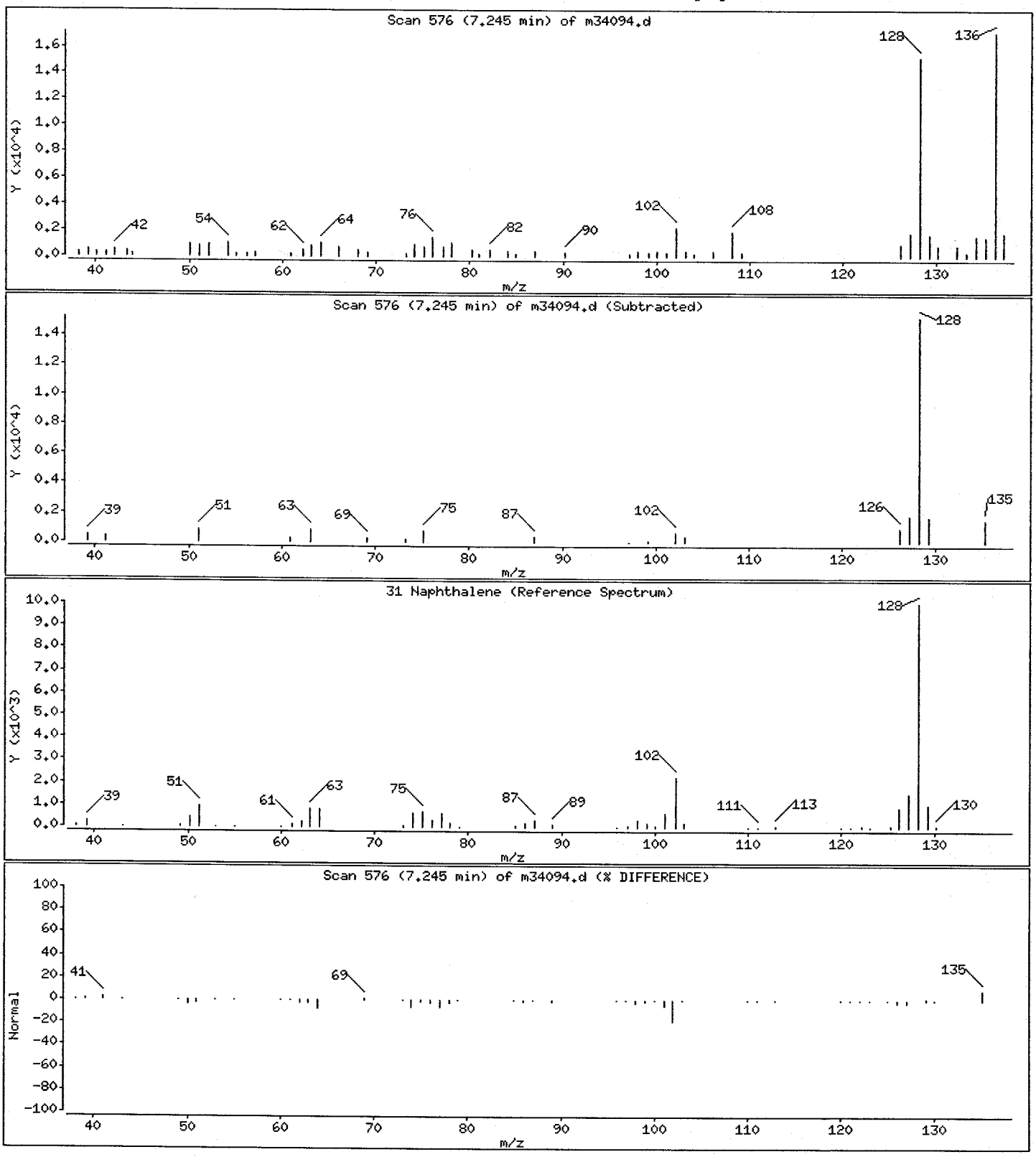
Client ID: 032608-0910 Instrument: BNAMS6.i

Sample Info: 908699;4225899

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 55 ug/Kg



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Date : 08-APR-2008 13:39

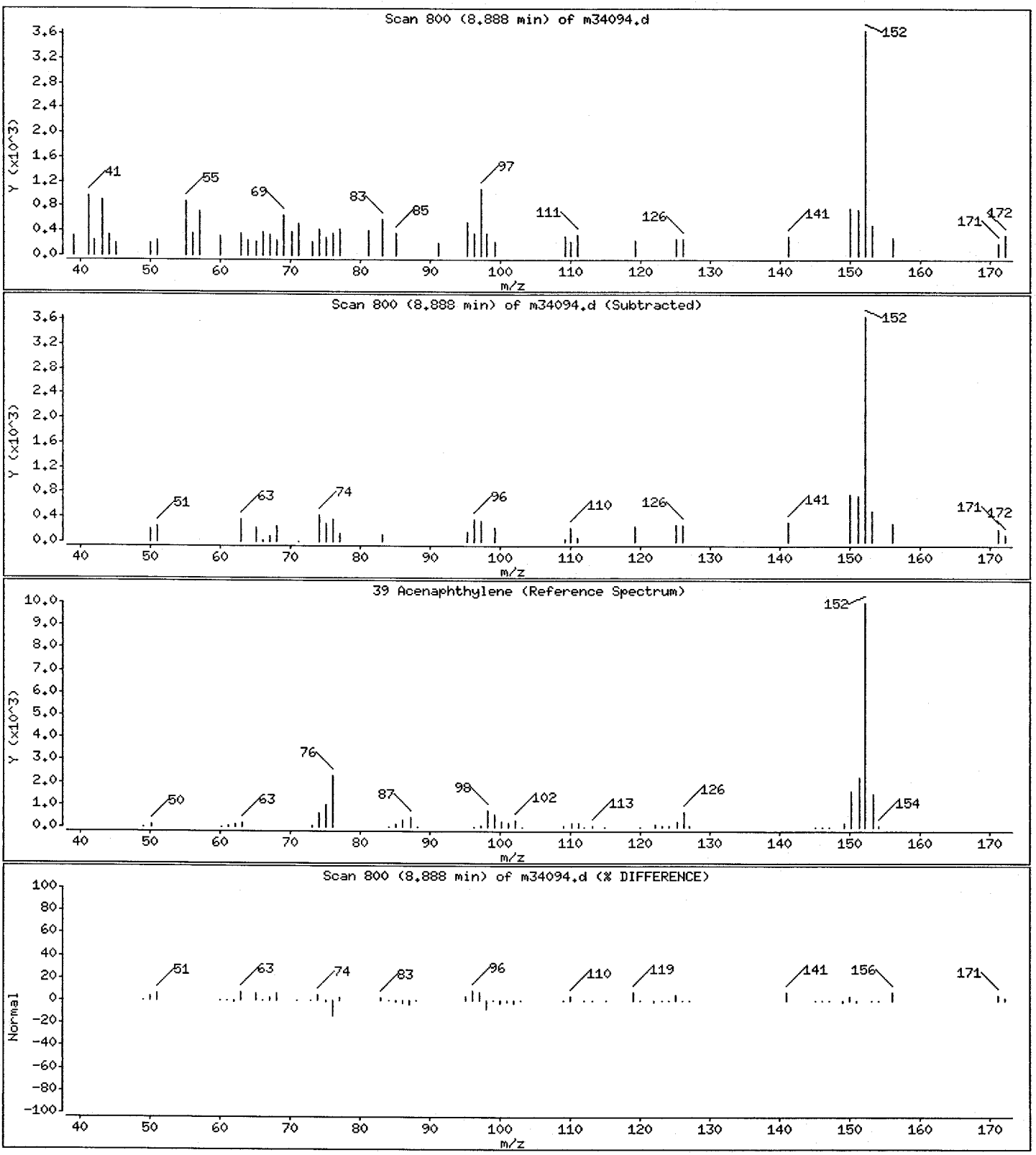
Client ID: 032608-0910 Instrument: BNAMS6.i

Sample Info: 908699;4225899

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

39 Acenaphthylene Concentration: 15 ug/Kg



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Date : 08-APR-2008 13:39

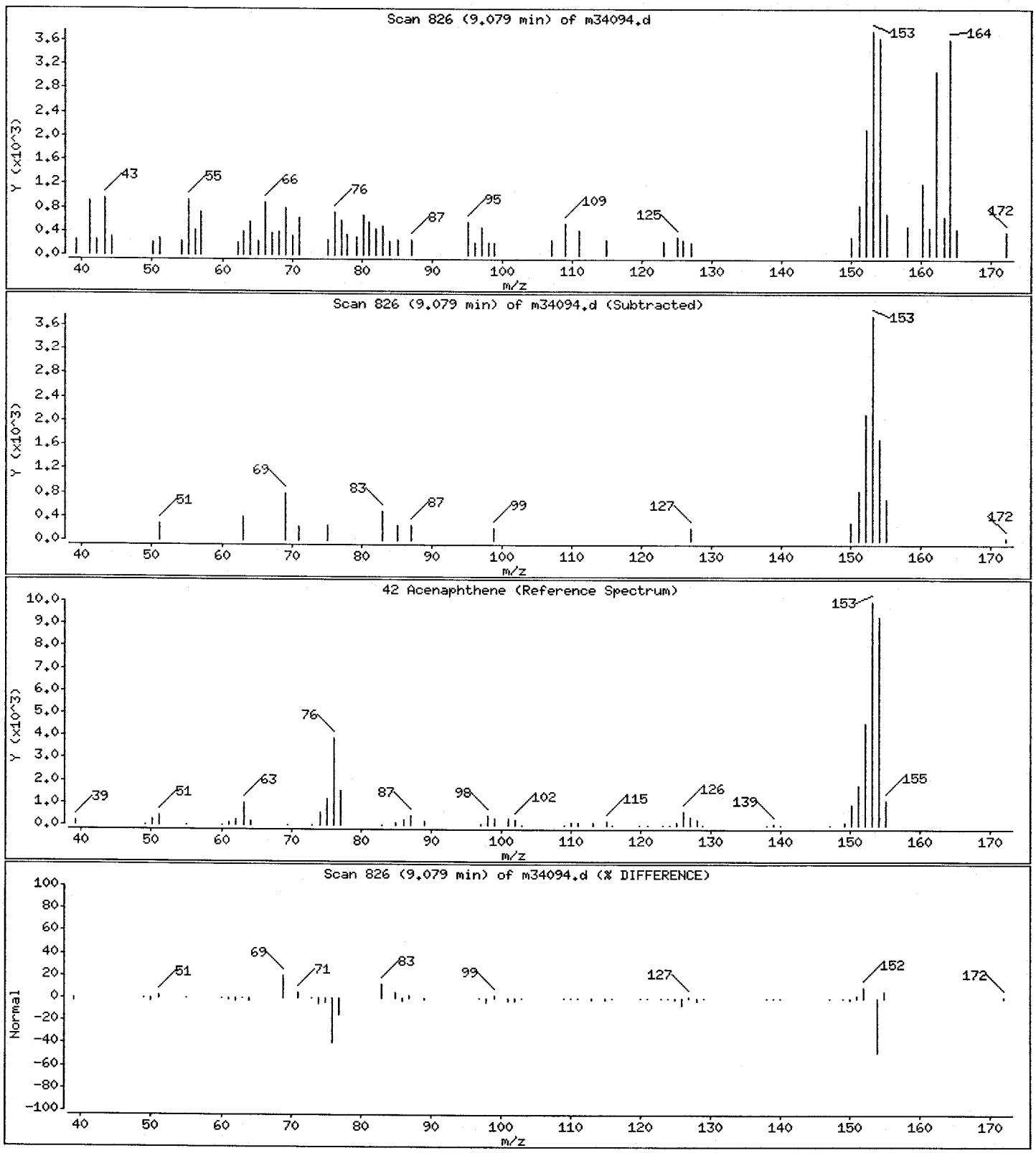
Client ID: 032608-0910 Instrument: BNAMS6.i

Sample Info: 908699;4225899

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

42 Acenaphthene Concentration: 23 ug/Kg



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Date : 08-APR-2008 13:39

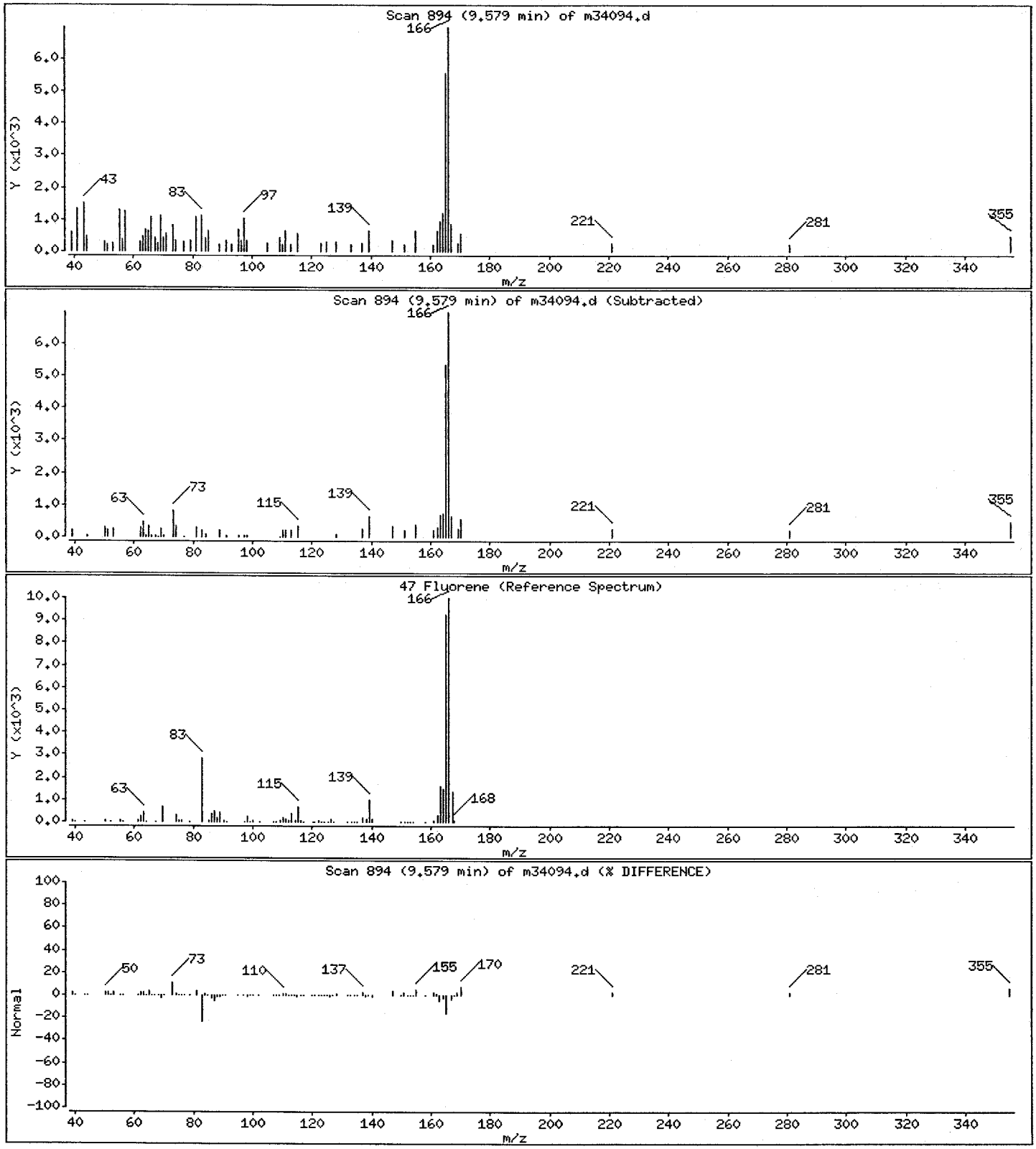
Client ID: 032608-0910 Instrument: BNAMS6.i

Sample Info: 908699;4225899

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 33 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d

Date : 08-APR-2008 13:39

Client ID: 032608-0910

Instrument: BNAMS6.i

Sample Info: 908699;4225899

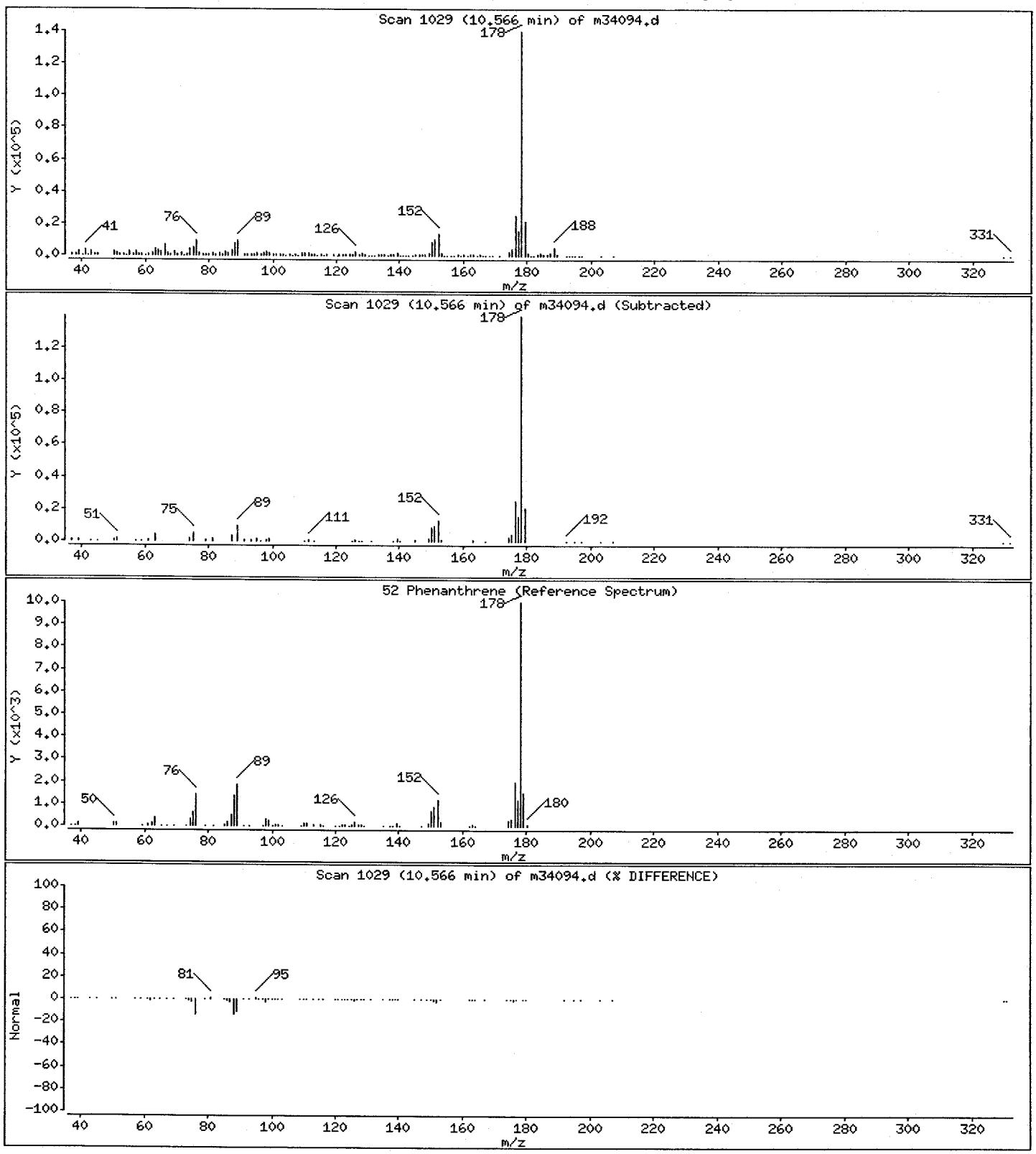
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

52 Phenanthrene

Concentration: 400 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d

Date : 08-APR-2008 13:39

Client ID: 032608-0910

Instrument: BNAMS6.i

Sample Info: 908699;4225899

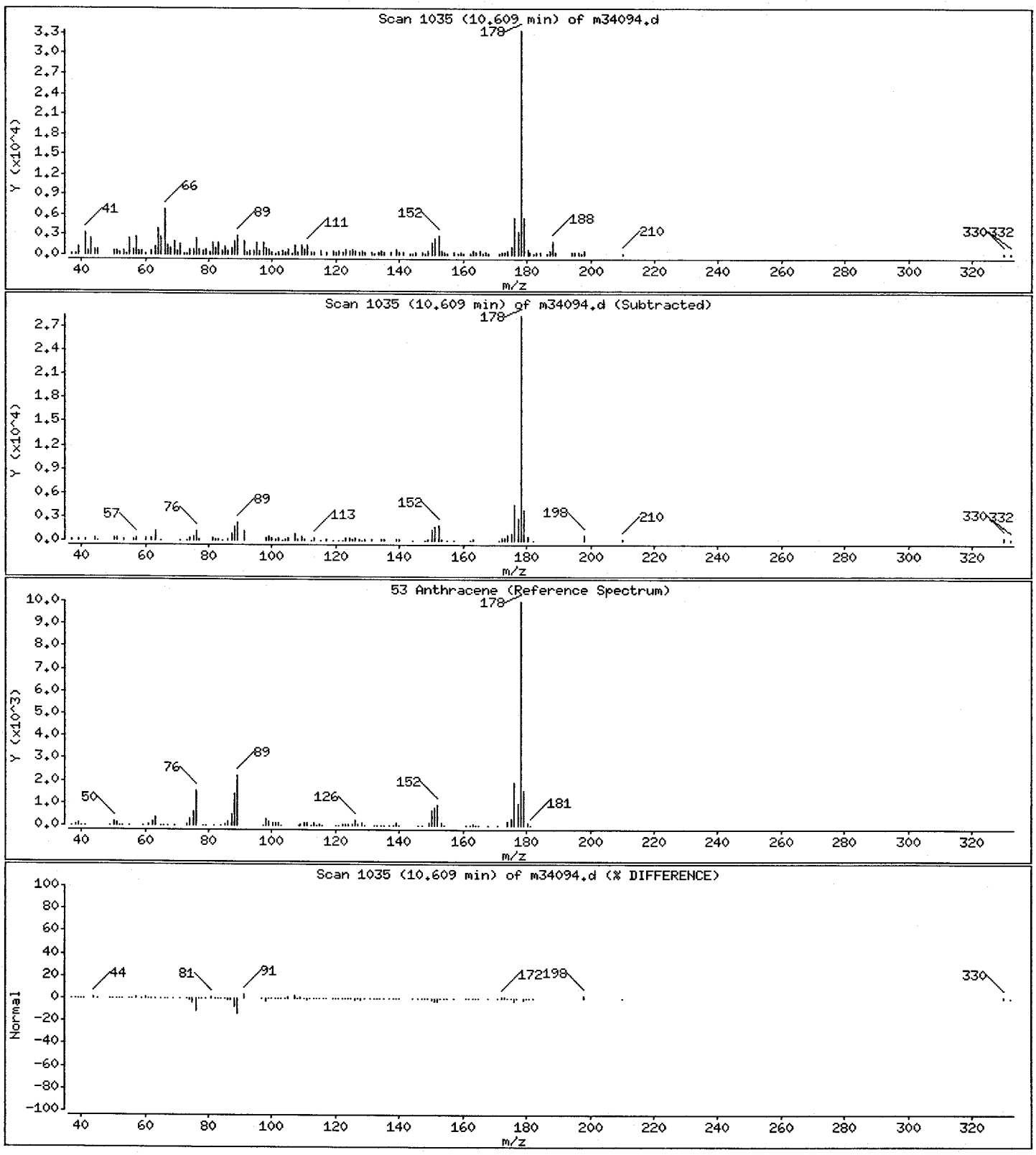
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

53 Anthracene

Concentration: 100 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d

Date : 08-APR-2008 13:39

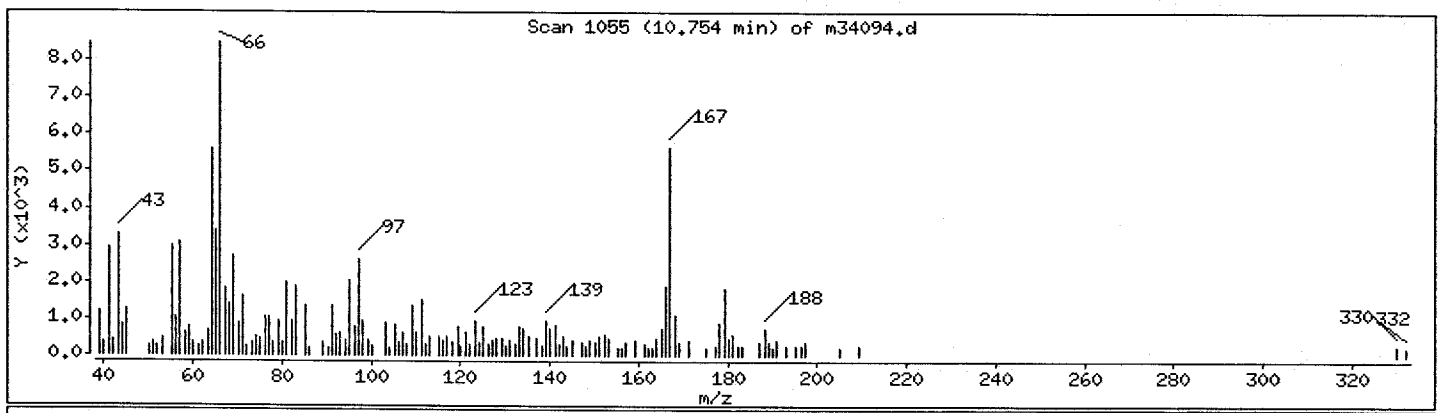
Client ID: 032608-0910 Instrument: BNAMS6.i

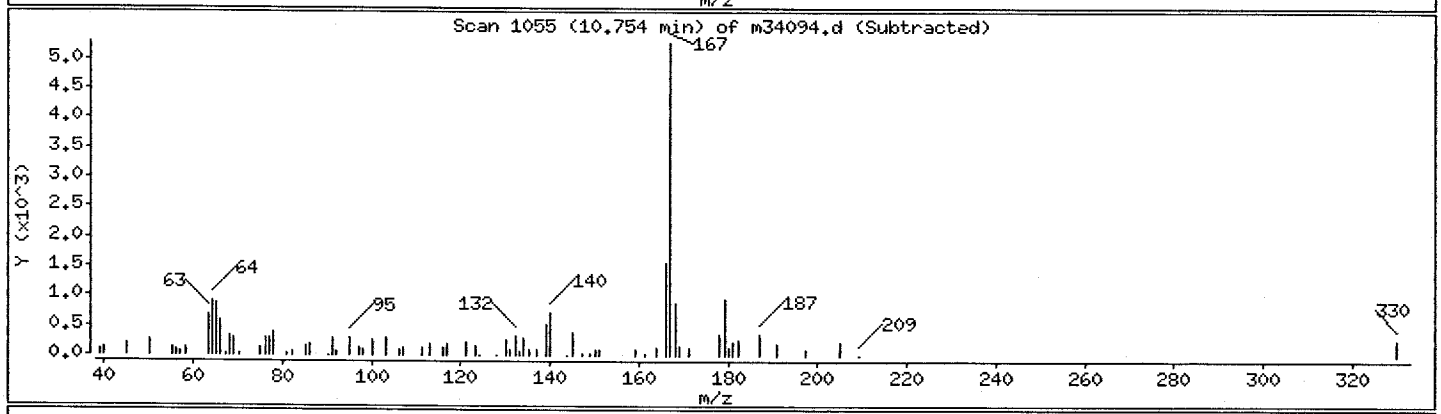
Sample Info: 908699;4225899

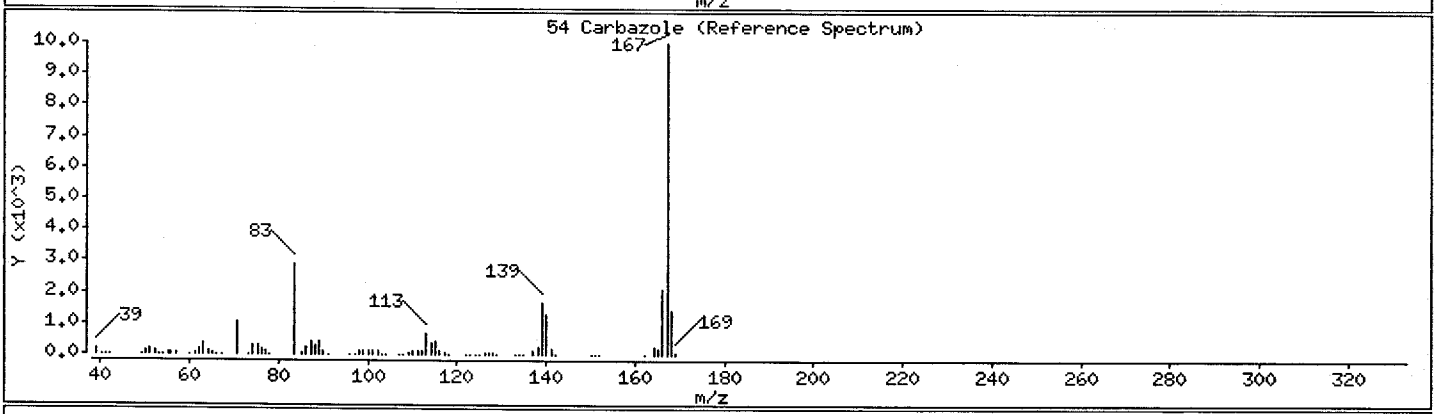
Operator: BNAMS 4

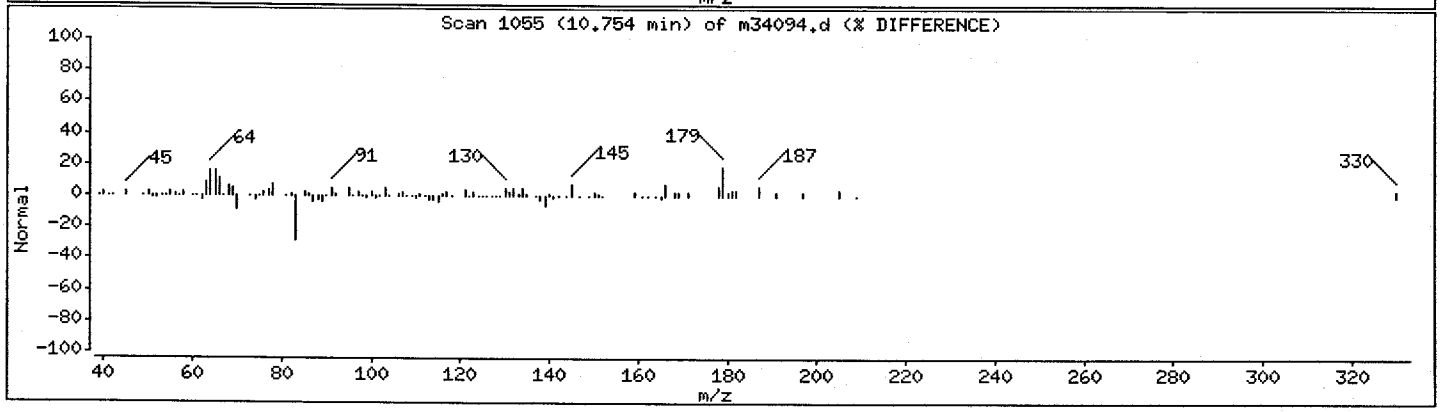
Column phase: DB-5 Column diameter: 0.25

54 Carbazole Concentration: 18 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d

Date : 08-APR-2008 13:39

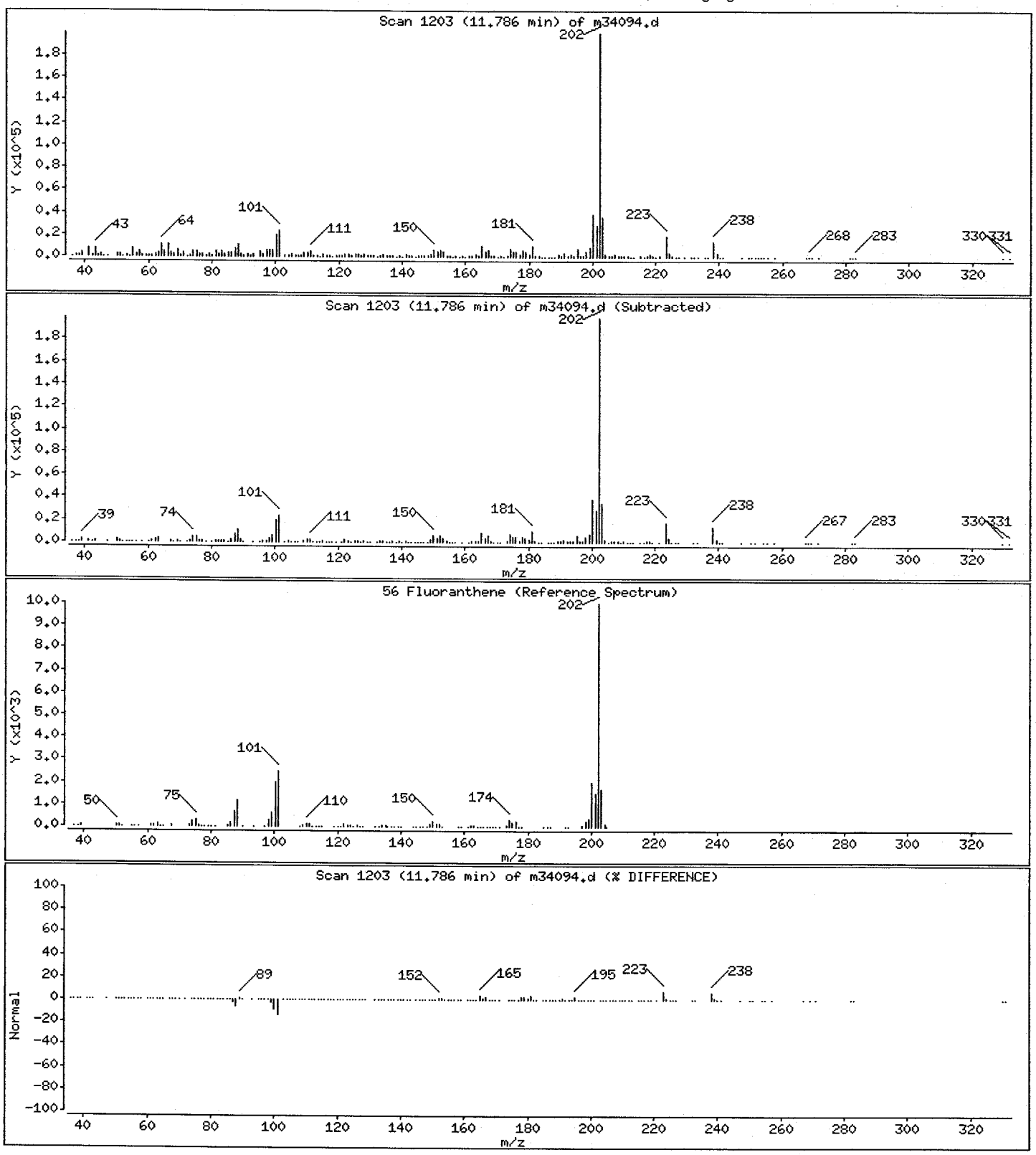
Client ID: 032608-0910 Instrument: BNAMS6.i

Sample Info: 908699;4225899

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 540 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d

Date : 08-APR-2008 13:39

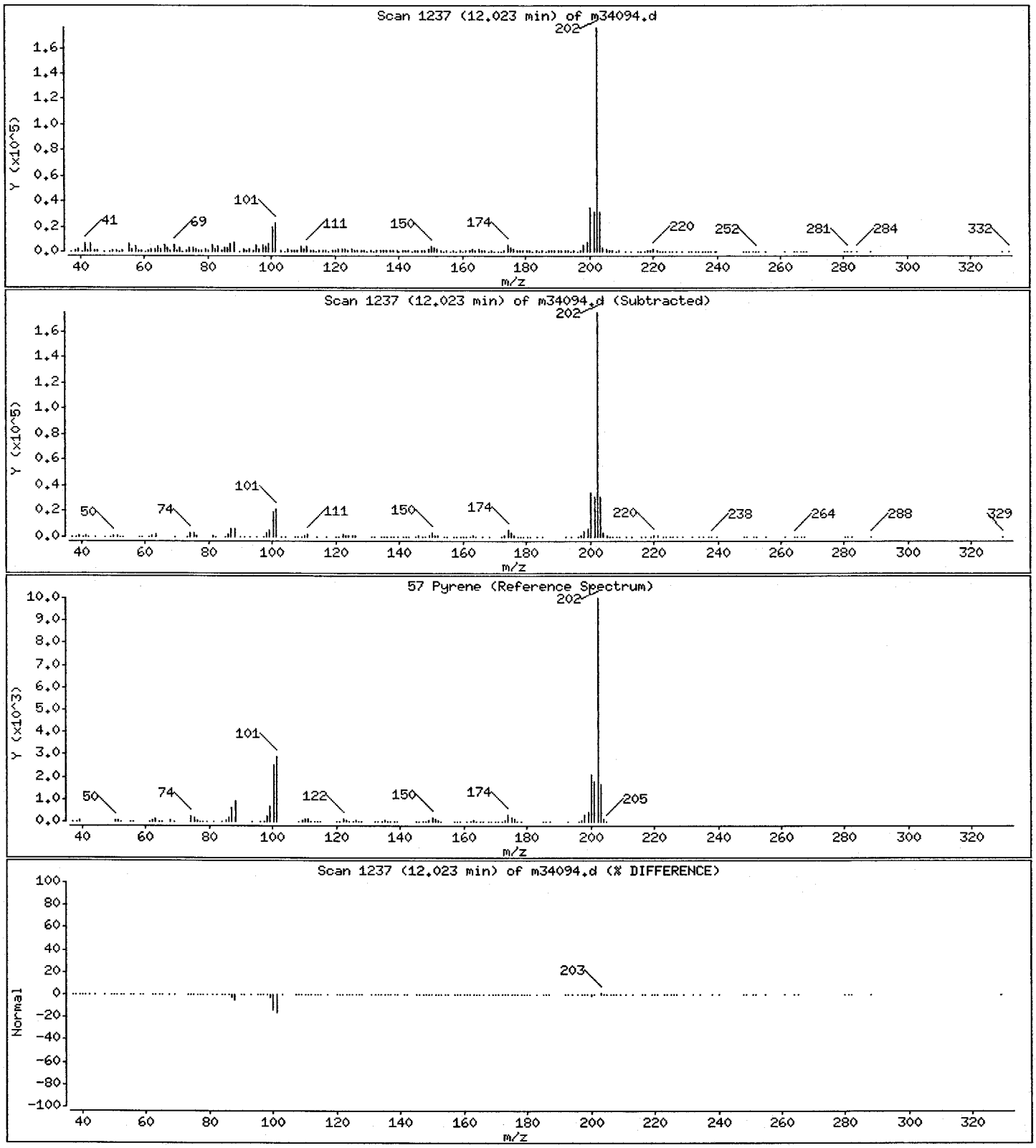
Client ID: 032608-0910 Instrument: BNAMS6.i

Sample Info: 908699;4225899

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 560 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d

Date : 08-APR-2008 13:39

Client ID: 032608-0910

Instrument: BNAMS6.i

Sample Info: 908699;4225899

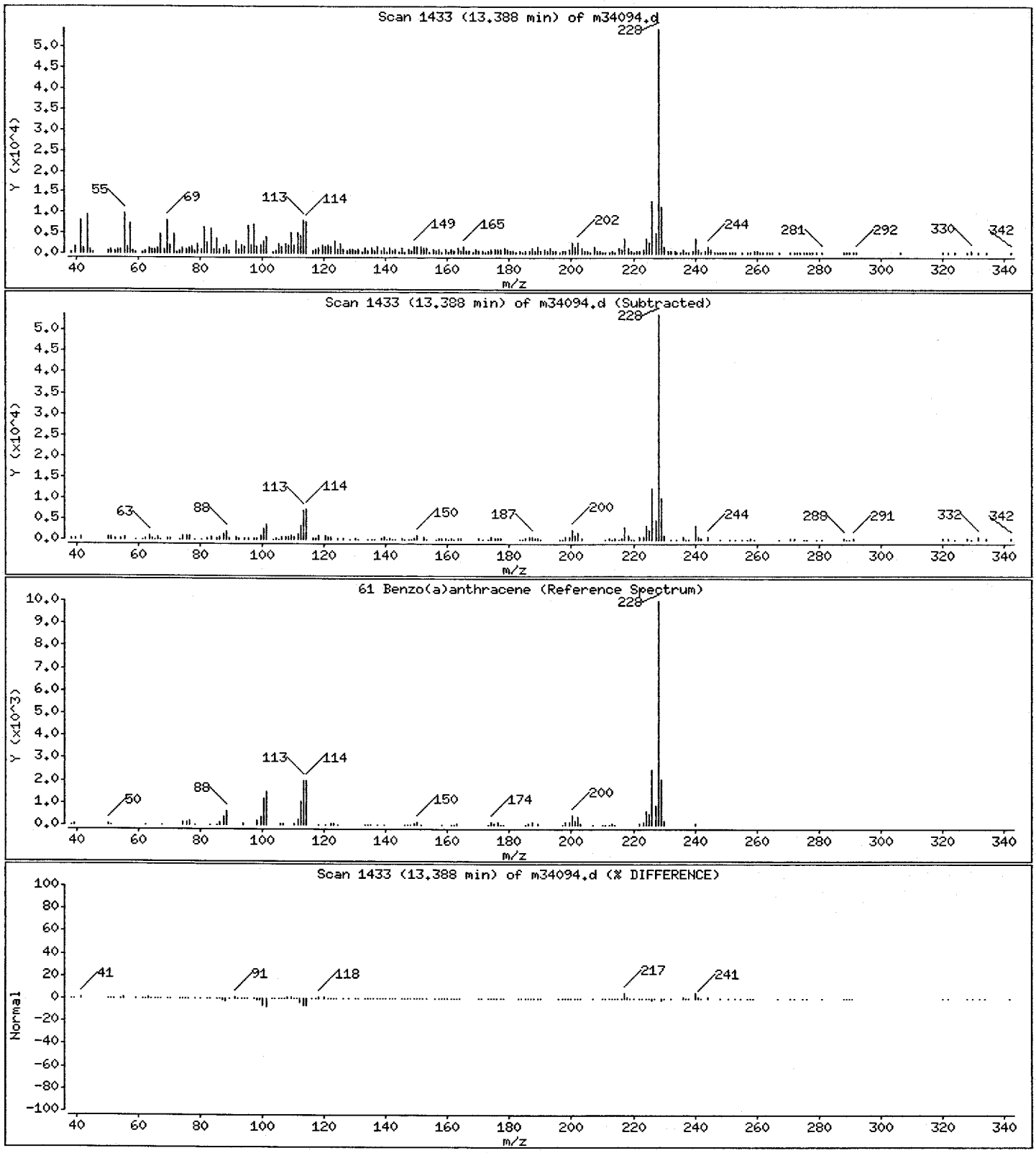
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

61 Benzo(a)anthracene

Concentration: 280 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d

Date : 08-APR-2008 13:39

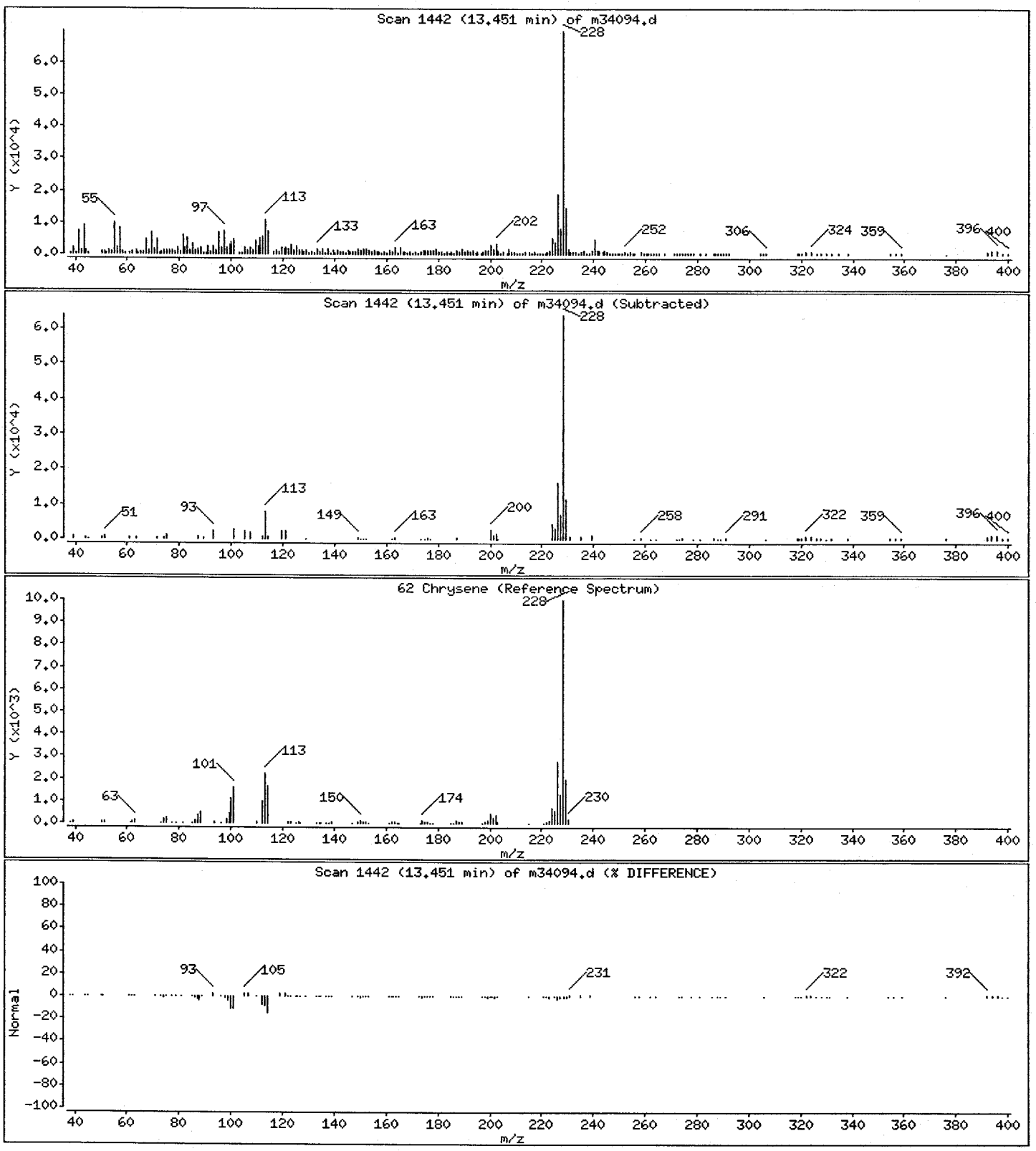
Client ID: 032608-0910 Instrument: BNAMS6.i

Sample Info: 908699;4225899

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

62 Chrysene Concentration: 340 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d

Date : 08-APR-2008 13:39

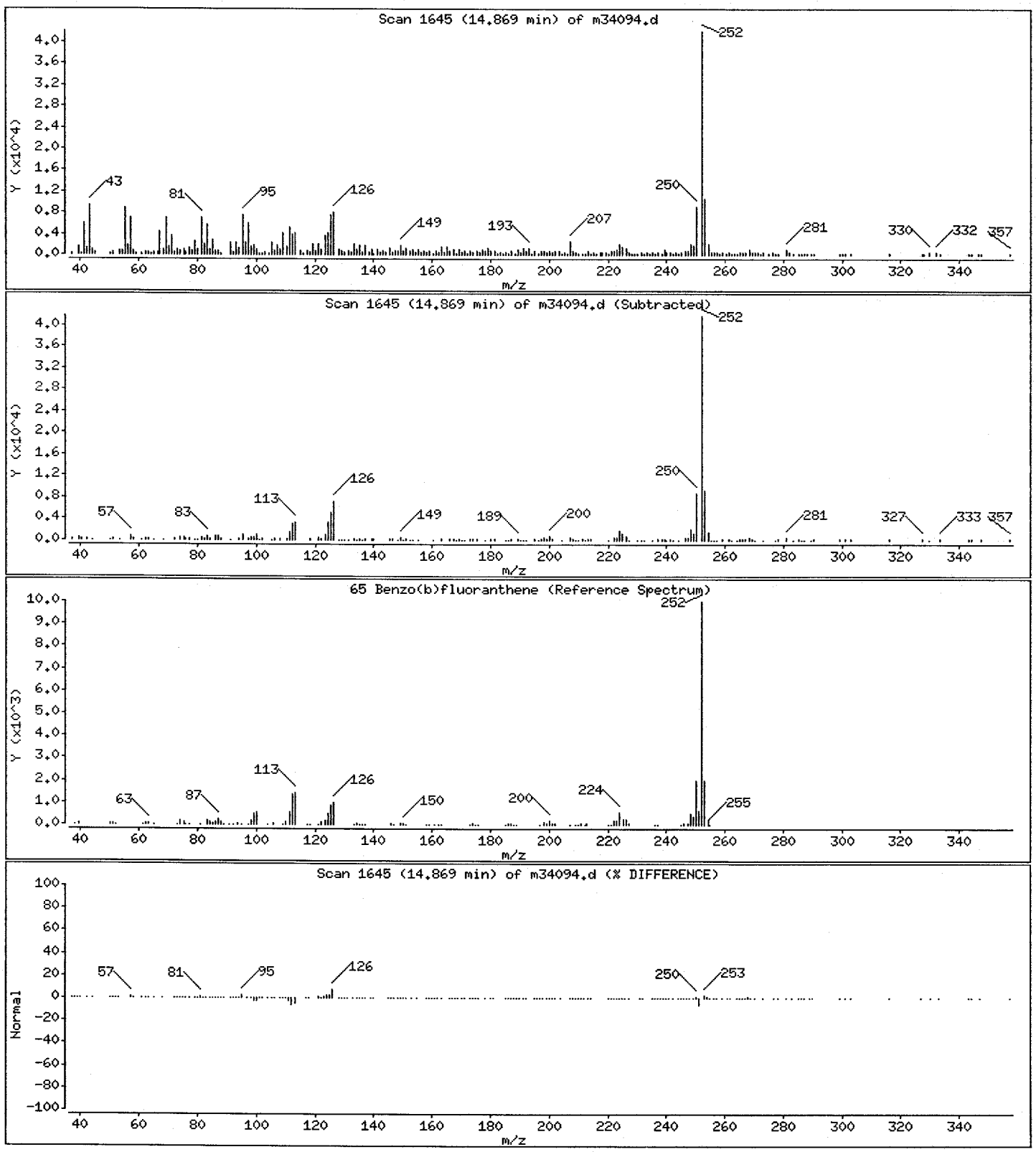
Client ID: 032608-0910 Instrument: BNAMS6.i

Sample Info: 908699;4225899

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

65 Benzo(b)fluoranthene Concentration: 210 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d

Date : 08-APR-2008 13:39

Client ID: 032608-0910

Instrument: BNAMS6.i

Sample Info: 908699;4225899

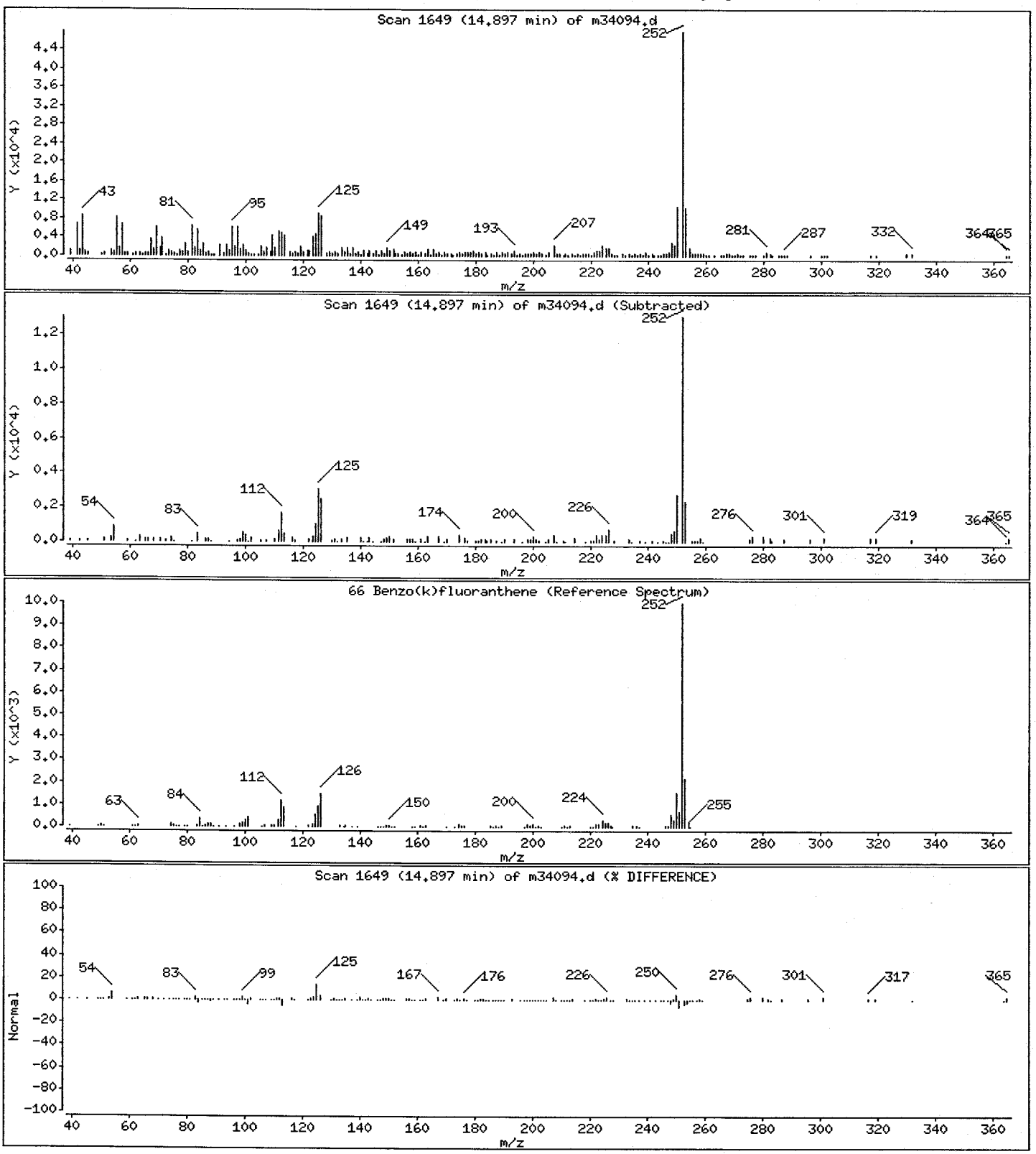
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

66 Benzo(k)fluoranthene

Concentration: 270 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d

Date : 08-APR-2008 13:39

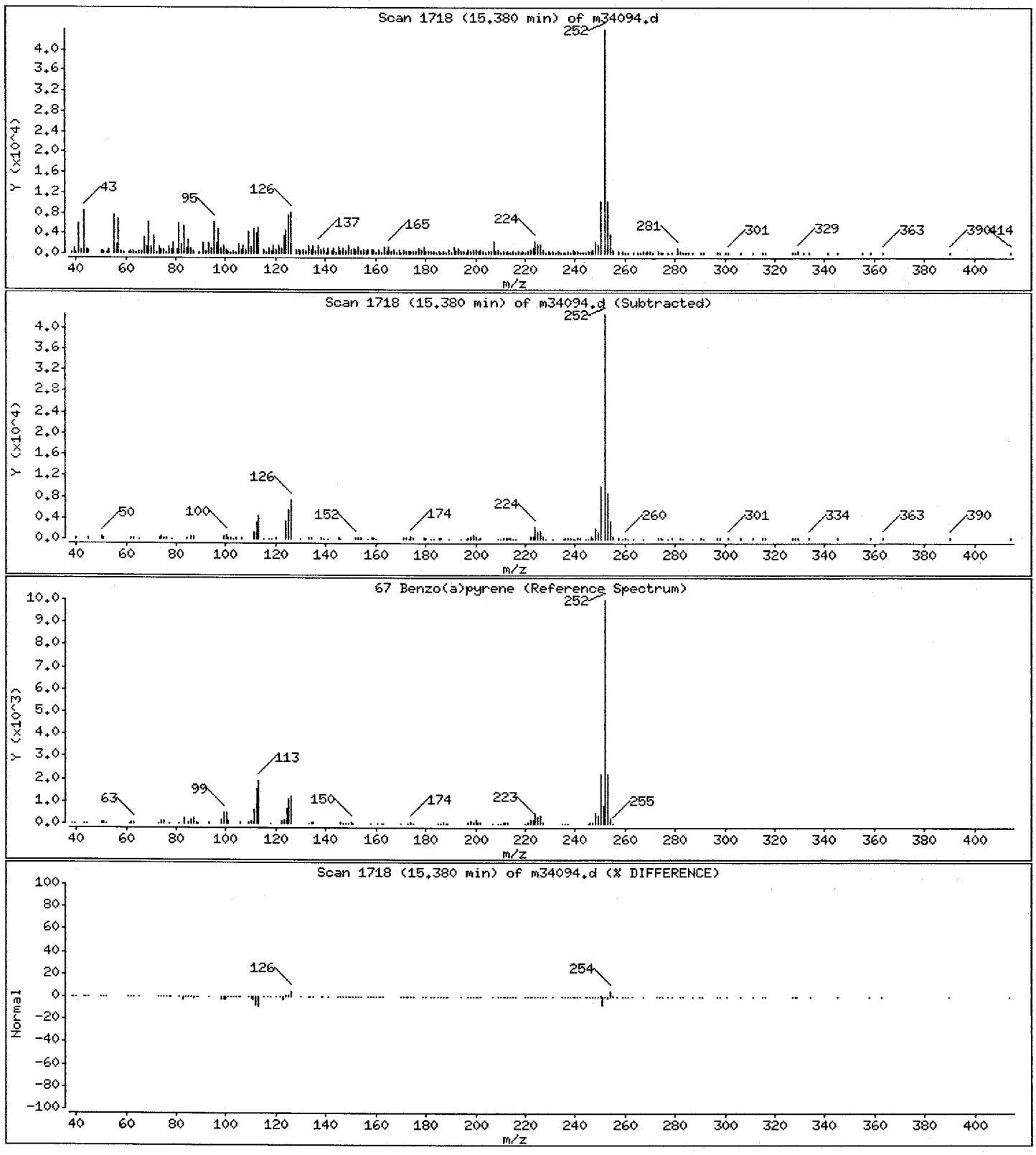
Client ID: 032608-0910 Instrument: BNAMS6.i

Sample Info: 908699;4225899

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

67 Benzo(a)pyrene Concentration: 290 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d

Date : 08-APR-2008 13:39

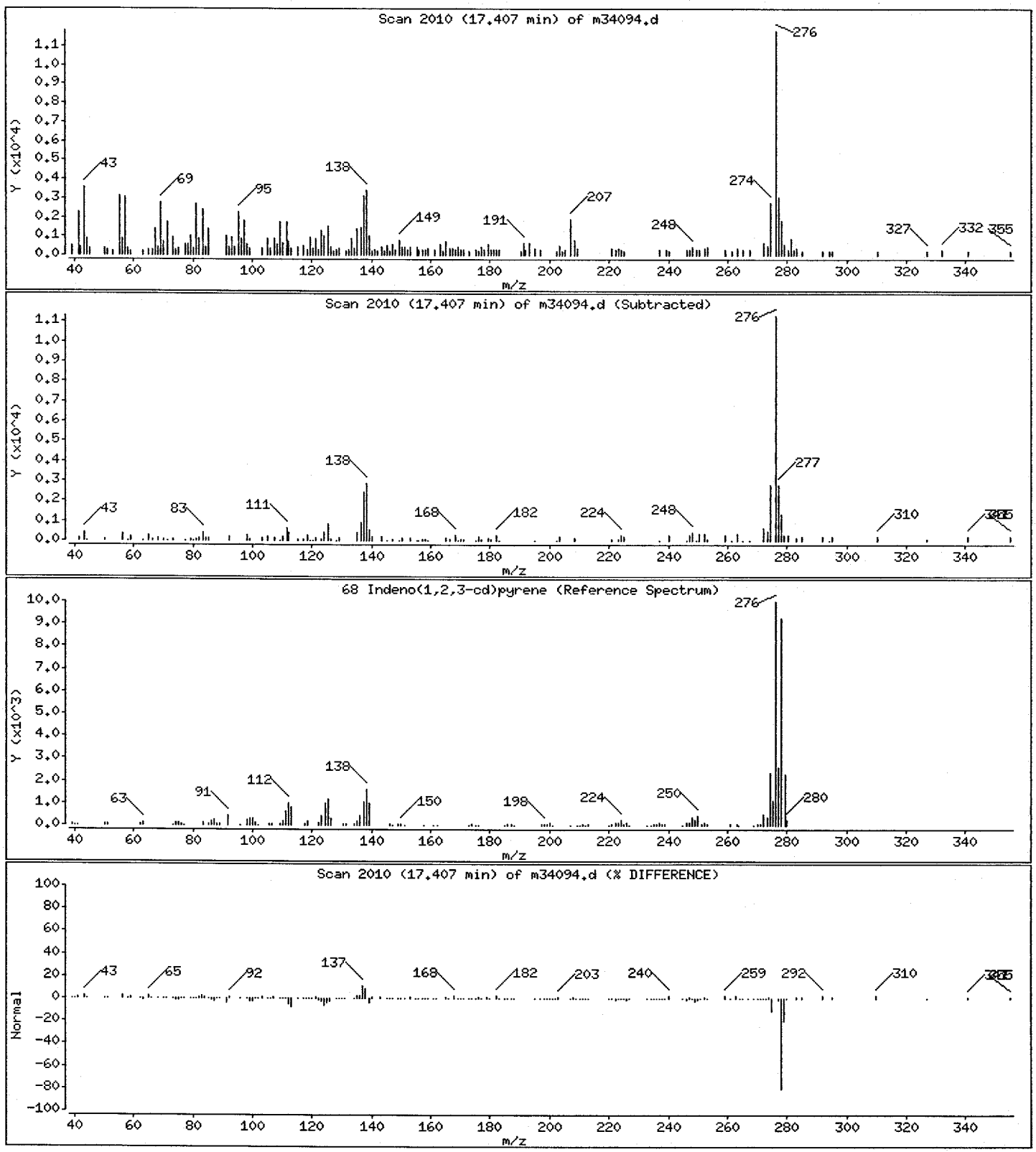
Client ID: 032608-0910 Instrument: BNAMS6.i

Sample Info: 908699;4225899

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

68 Indeno(1,2,3-cd)pyrene Concentration: 120 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d

Date : 08-APR-2008 13:39

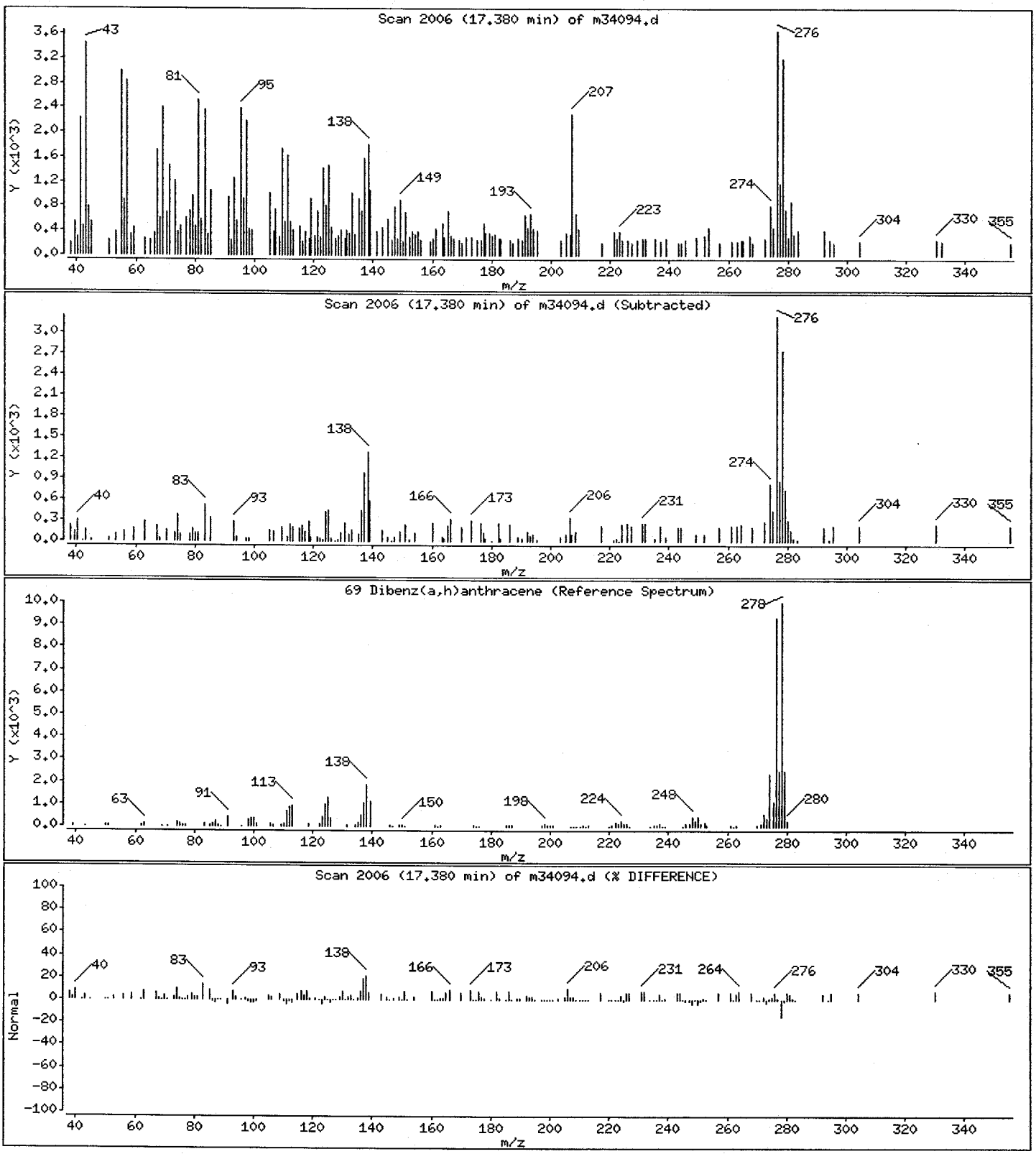
Client ID: 032608-0910 Instrument: BNAMS6.i

Sample Info: 908699;4225899

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

69 Dibenz(a,h)anthracene Concentration: 38 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34094.d

Date : 08-APR-2008 13:39

Client ID: 032608-0910

Instrument: BNAMS6.i

Sample Info: 908699;4225899

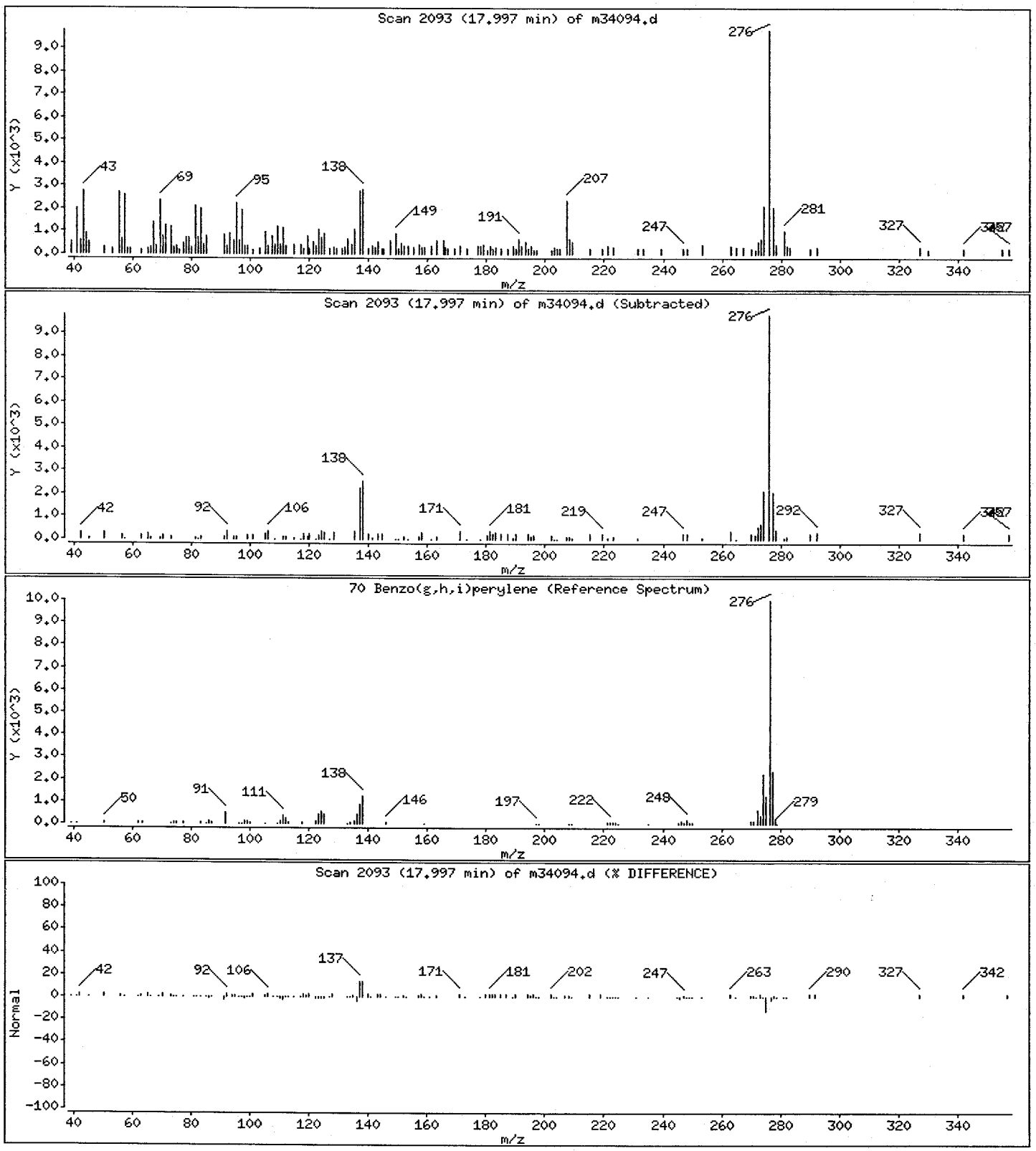
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

70 Benzo(g,h,i)perylene

Concentration: 140 ug/Kg



Client ID: **032608-1330**
Site: BP Hastings

Lab Sample No: **908700**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 04/07/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa3210.d

Matrix: WATER
Level: LOW
Sample Volume: 500 ml
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30

Client ID: **032608-1330**
Site: BP Hastings

Lab Sample No: **908700**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 04/07/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa3210.d

Matrix: WATER
Level: LOW
Sample Volume: 500 ml
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
bis(2-Chloroethyl)ether	ND	1.0
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
1,2-Dichlorobenzene	ND	10
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
1,2,4-Trichlorobenzene	ND	1.0
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10

Client ID: **032608-1330**
Site: BP Hastings

Lab Sample No: **908700**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 04/07/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa3210.d

Matrix: WATER
Level: LOW
Sample Volume: 500 ml
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10

Client ID: **032608-1330**
Site: BP Hastings

Lab Sample No: **908700**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 04/07/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa3210.d

Matrix: WATER
Level: LOW
Sample Volume: 500 ml
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Data File: /chem/BNAMS8.i/8270/04-07-08/08apr08.b/aa3210.d
Report Date: 09-Apr-2008 12:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/04-07-08/08apr08.b/aa3210.d
Lab Smp Id: 908700 Client Smp ID: 032608-1330
Inj Date : 08-APR-2008 11:39
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : 908700;4225834
Misc Info : S478;WB098R;QA6045
Comment :
Method : /chem/BNAMS8.i/8270/04-07-08/08apr08.b/8270C_08.m
Meth Date : 08-Apr-2008 10:00 croccom Quant Type: ISTD
Cal Date : 07-APR-2008 12:37 Cal File: aa3176.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50
Processing Host: hpd1

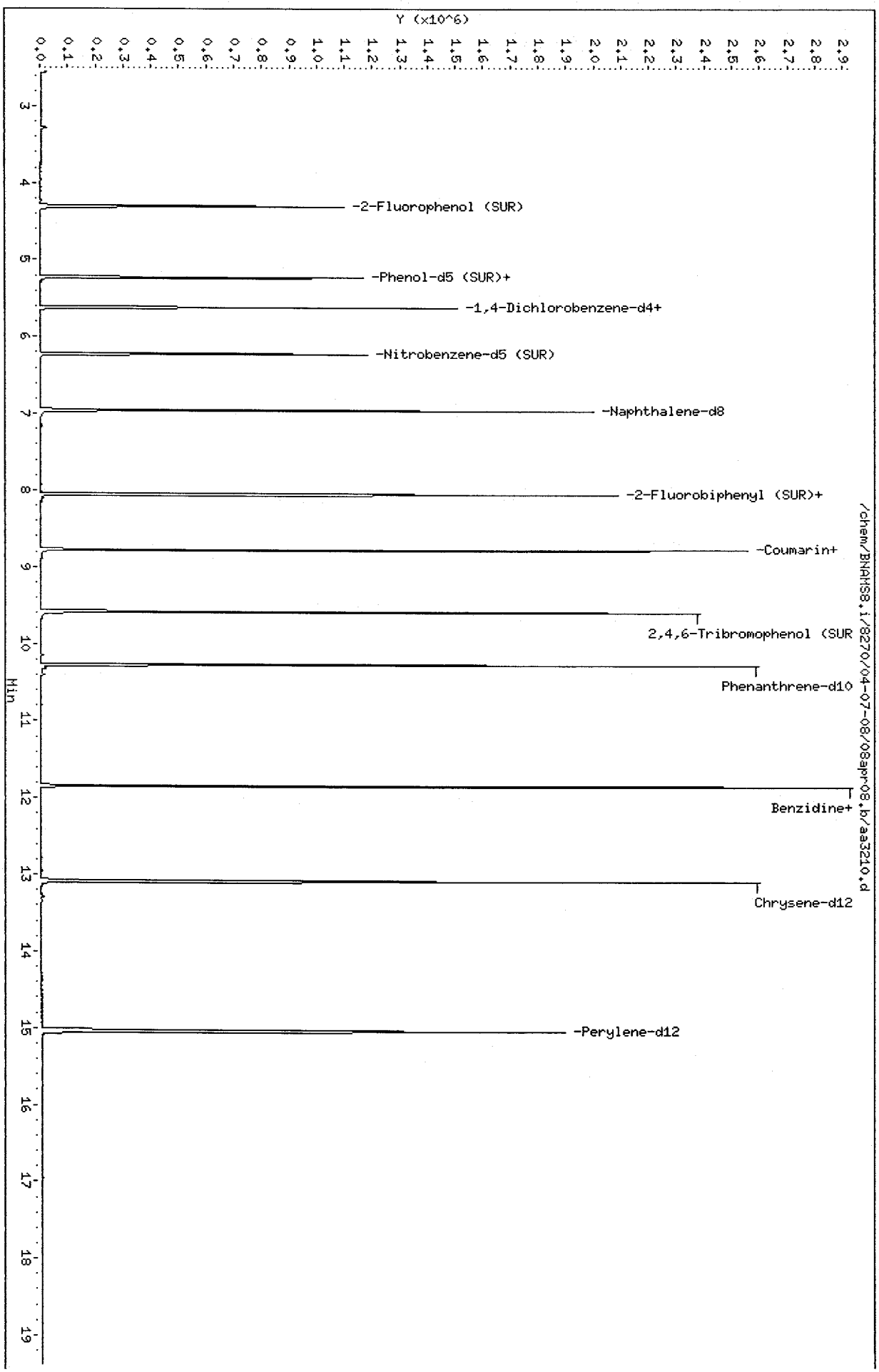
4/9/08

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1.00000	Volume of final extract (mL)
Vo	500.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.303	4.313	(0.766)	473137	57.1683	110
$ 17 Phenol-d5 (SUR)	99	5.227	5.237	(0.930)	424311	41.2389	82
* 79 1,4-Dichlorobenzene-d4	152	5.619	5.622	(1.000)	235244	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	6.224	6.234	(0.895)	300593	36.6446	73
* 80 Naphthalene-d8	136	6.955	6.965	(1.000)	995988	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	8.058	8.061	(0.918)	716739	38.6261	77
* 82 Acenaphthene-d10	164	8.776	8.786	(1.000)	607559	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	9.587	9.597	(1.092)	269705	74.2434	150
* 83 Phenanthrene-d10	188	10.278	10.281	(1.000)	1031980	40.0000	
$ 78 Terphenyl-d14	244	11.846	11.850	(0.905)	934519	42.0466	84
* 81 Chrysene-d12	240	13.089	13.106	(1.000)	1132860	40.0000	
* 84 Perylene-d12	264	15.043	15.060	(1.000)	989144	40.0000	


Data File: /chem/BNAMS8.i/8270/04-07-08/08apr08.b/aa3210.d
Date : 08-APR-2008 11:39
Client ID: 032608-1330
Sample Info: 908700;4225834
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)+
-1,4-Dichlorobenzene-d4+
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)+
-Coumarin+
2,4,6-Tribromophenol (SUR
Phenanthrene-d10
Benzidine+
Chrysene-d12
-Perylene-d12
/chem/BNAMS8.i/8270/04-07-08/08apr08.b/aa3210.d
Min

Client ID: **032608-1355**
Site: BP Hastings

Lab Sample No: **908701**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43999.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 5.0
% Moisture: 16

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	2000
2-Chlorophenol	ND	2000
2-Methylphenol	ND	2000
4-Methylphenol	ND	2000
2-Nitrophenol	ND	2000
2,4-Dimethylphenol	ND	2000
2,4-Dichlorophenol	ND	2000
4-Chloro-3-methylphenol	ND	2000
2,4,6-Trichlorophenol	ND	2000
2,4,5-Trichlorophenol	ND	2000
2,4-Dinitrophenol	ND	6000
4-Nitrophenol	ND	6000
4,6-Dinitro-2-methylphenol	ND	6000
Pentachlorophenol	ND	6000

Client ID: **032608-1355**
Site: BP Hastings

Lab Sample No: **908701**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43999.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 5.0
% Moisture: 16

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	200
1,3-Dichlorobenzene	ND	2000
1,4-Dichlorobenzene	ND	2000
1,2-Dichlorobenzene	ND	2000
bis(2-chloroisopropyl)ether	ND	2000
N-Nitroso-di-n-propylamine	ND	200
Hexachloroethane	ND	200
Nitrobenzene	ND	200
Isophorone	ND	2000
bis(2-Chloroethoxy)methane	ND	2000
1,2,4-Trichlorobenzene	ND	200
Naphthalene	630 J	2000
4-Chloroaniline	ND	2000
Hexachlorobutadiene	ND	400
2-Methylnaphthalene	850 J	2000
Hexachlorocyclopentadiene	ND	2000
2-Chloronaphthalene	ND	2000
2-Nitroaniline	ND	4000
Dimethylphthalate	ND	2000
Acenaphthylene	550 J	2000
2,6-Dinitrotoluene	ND	400
3-Nitroaniline	ND	4000
Acenaphthene	1200 J	2000
Dibenzofuran	1200 J	2000
2,4-Dinitrotoluene	ND	400
Diethylphthalate	ND	2000
4-Chlorophenyl-phenylether	ND	2000
Fluorene	2100	2000
4-Nitroaniline	ND	4000
N-Nitrosodiphenylamine	ND	2000
4-Bromophenyl-phenylether	ND	2000
Hexachlorobenzene	ND	200
Phenanthrene	19000	2000
Anthracene	4400	2000

Client ID: **032608-1355**
Site: BP Hastings

Lab Sample No: **908701**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43999.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 5.0
% Moisture: 16

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	860 J	2000
Di-n-butylphthalate	ND	2000
Fluoranthene	15000	2000
Pyrene	18000	2000
Butylbenzylphthalate	ND	2000
3,3'-Dichlorobenzidine	ND	4000
Benzo(a)anthracene	8000	200
Chrysene	8900	2000
bis(2-Ethylhexyl)phthalate	1300 J	2000
Di-n-octylphthalate	ND	2000
Benzo(b)fluoranthene	5600	200
Benzo(k)fluoranthene	5400	200
Benzo(a)pyrene	4700	200
Indeno(1,2,3-cd)pyrene	1500	200
Dibenz(a,h)anthracene	630	200
Benzo(g,h,i)perylene	1300 J	2000

Client ID: **032608-1355**
Site: BP Hastings

Lab Sample No: **908701**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43999.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 5.0
% Moisture: 16.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Pentachloro-1,1'-biphenyl isomer	11.71	22000	
2. Pentachloro-1,1'-biphenyl isomer	11.87	35000	
3. Pentachloro-1,1'-biphenyl isomer	12.20	40000	
4. Hexachloro-1,1'-biphenyl isomer	12.29	37000	
5. Hexachloro-1,1'-biphenyl isomer	12.40	65000	
6. Hexachloro-1,1'-biphenyl isomer	12.59	63000	
7. Heptachloro-1,1'-biphenyl isomer	12.75	41000	
8. Hexachloro-1,1'-biphenyl isomer	12.85	40000	
9. Heptachloro-1,1'-biphenyl isomer	13.01	100000	
10. Unknown	13.05	76000	
11. Heptachloro-1,1'-biphenyl isomer	13.23	93000	
12. Octachloro-1,1'-biphenyl isomer	13.32	91000	
13. Octachloro-1,1'-biphenyl isomer	13.39	44000	
14. Heptachloro-1,1'-biphenyl isomer	13.50	240000	
15. Heptachloro-1,1'-biphenyl isomer	13.78	46000	
16. Octachloro-1,1'-biphenyl isomer	13.88	170000	
17. Octachloro-1,1'-biphenyl isomer	13.96	170000	
18. Nonachloro-1,1'-biphenyl isomer	14.23	39000	
19. Octachloro-1,1'-biphenyl isomer	14.26	40000	
20. Octachloro-1,1'-biphenyl isomer	14.45	130000	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
TOTAL ESTIMATED CONCENTRATION		1582000	

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d
Report Date: 10-Apr-2008 15:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d
Lab Smp Id: 908701 Client Smp ID: 032608-1355
Inj Date : 09-APR-2008 16:25
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 908701;4225900
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS4.i/8270/04-09-08/09apr08.b/8270C_08.m
Meth Date : 09-Apr-2008 21:55 rusin Quant Type: ISTD
Cal Date : 09-APR-2008 13:26 Cal File: u43994.d
Als bottle: 11
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	16.00000	% Moisture

Cpnd Variable Local Compound Variable

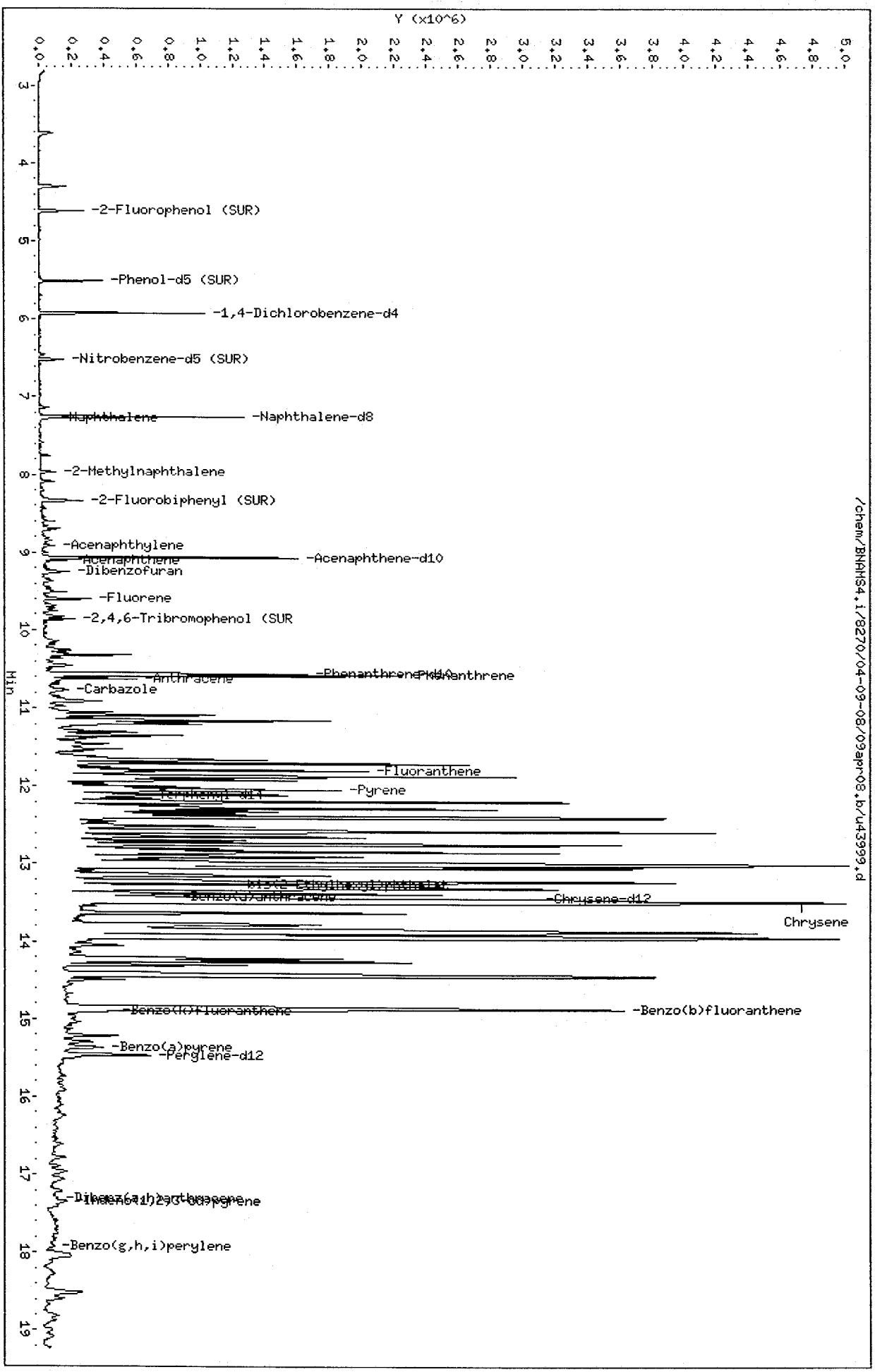
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.614	4.611	(0.779)	100891	11.7757	4700
$ 17 Phenol-d5 (SUR)	99	5.513	5.508	(0.930)	167515	12.9809	5200
* 79 1,4-Dichlorobenzene-d4	152	5.927	5.923	(1.000)	144889	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	6.523	6.517	(0.899)	55892	7.21778	2900
* 80 Naphthalene-d8	136	7.256	7.259	(1.000)	540239	40.0000	
31 Naphthalene	128	7.279	7.274	(1.003)	21939	1.59187	630(a)
34 2-Methylnaphthalene	142	7.971	7.973	(1.098)	20598	2.14315	850(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.343	8.341	(0.920)	72241	6.80299	2700
39 Acenaphthylene	152	8.916	8.918	(0.983)	20967	1.38047	550(a)
* 82 Acenaphthene-d10	164	9.073	9.066	(1.000)	359293	40.0000	
42 Acenaphthene	154	9.103	9.104	(1.003)	29676	2.97533	1200(a)
43 Dibenzofuran	168	9.252	9.252	(1.020)	46824	3.17361	1200(a)
47 Fluorene	166	9.601	9.602	(1.058)	62427	5.29186	2100

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d
Report Date: 10-Apr-2008 15:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$	18 2,4,6-Tribromophenol (SUR)	330	9.869	9.868	(1.088)	20595	7.99258	3200
*	83 Phenanthrene-d10	188	10.564	10.559	(1.000)	597761	40.0000	
	52 Phenanthrene	178	10.587	10.582	(1.002)	773999	48.9324	19000
	53 Anthracene	178	10.625	10.626	(1.006)	177174	11.0829	4400
	54 Carbazole	167	10.766	10.767	(1.019)	31015	2.16109	860(a)
	56 Fluoranthene	202	11.795	11.784	(1.117)	732562	39.0409	15000
	57 Pyrene	202	12.048	12.028	(0.899)	689479	45.1088	18000(H)
$	78 Terphenyl-d14	244	12.125	12.111	(0.905)	91323	7.77776	3100
	63 bis(2-Ethylhexyl)phthalate	149	13.275	13.240	(0.991)	43951	3.28908	1300(aH)
	61 Benzo(a)anthracene	228	13.424	13.381	(1.002)	285636	20.0633	8000(H)
*	81 Chrysene-d12	240	13.452	13.417	(1.000)	545637	40.0000	(H)
	62 Chrysene	228	13.424	13.439	(1.002)	285636	22.5505	8900(H)
	65 Benzo(b)fluoranthene	252	14.871	14.847	(0.961)	181897	14.0775	5600
	66 Benzo(k)fluoranthene	252	14.907	14.877	(0.964)	147068	13.6399	5400(H)
	67 Benzo(a)pyrene	252	15.374	15.337	(0.994)	124275	11.9591	4700
*	84 Perylene-d12	264	15.468	15.449	(1.000)	327398	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.345	17.337	(1.121)	42362	3.87399	1500
	69 Dibenz(a,h)anthracene	278	17.315	17.314	(1.119)	15222	1.58366	630
	70 Benzo(g,h,i)perylene	276	17.932	17.910	(1.159)	30842	3.19355	1300(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.


Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d
Date : 09-APR-2008 16:25
Client ID: 032608-1355
Sample Info: 908701;4225900
Column phase: DB-5
Instrument: BNAMS4.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Methylnaphthalene
-2-Fluorobiphenyl (SUR)
-Acenaphthylene
-Acenaphthene-d10
-Dibenzofuran
-Fluorene
-2,4,6-Tribromophenol (SUR
-Carbazole
-Fluoranthene
-Pyrene
Chrysene
-Benzo(b)fluoranthene
-Benzo(a)pyrene
-Perylene-d12
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d

Date : 09-APR-2008 16:25

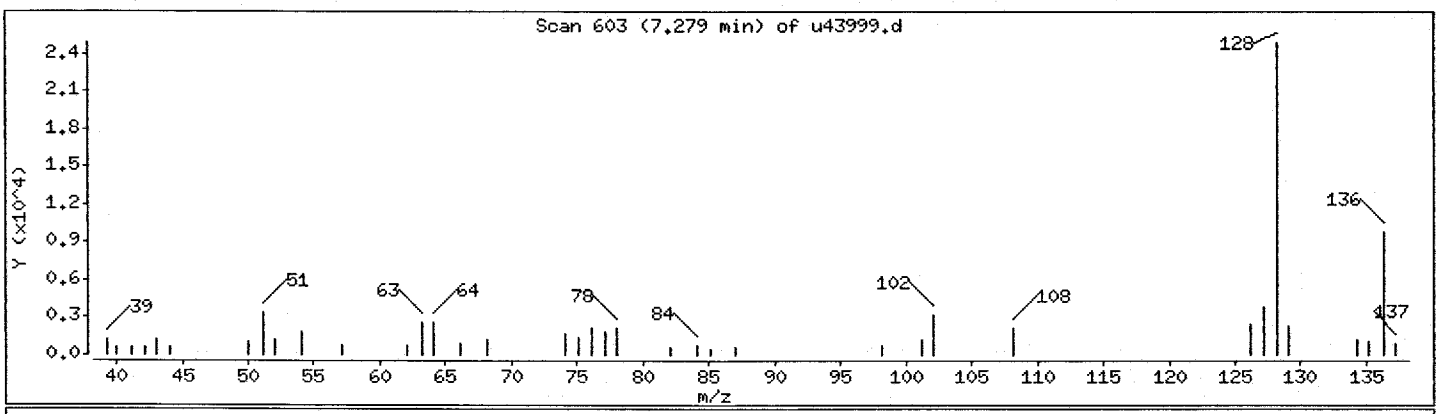
Client ID: 032608-1355 Instrument: BNAMS4.i

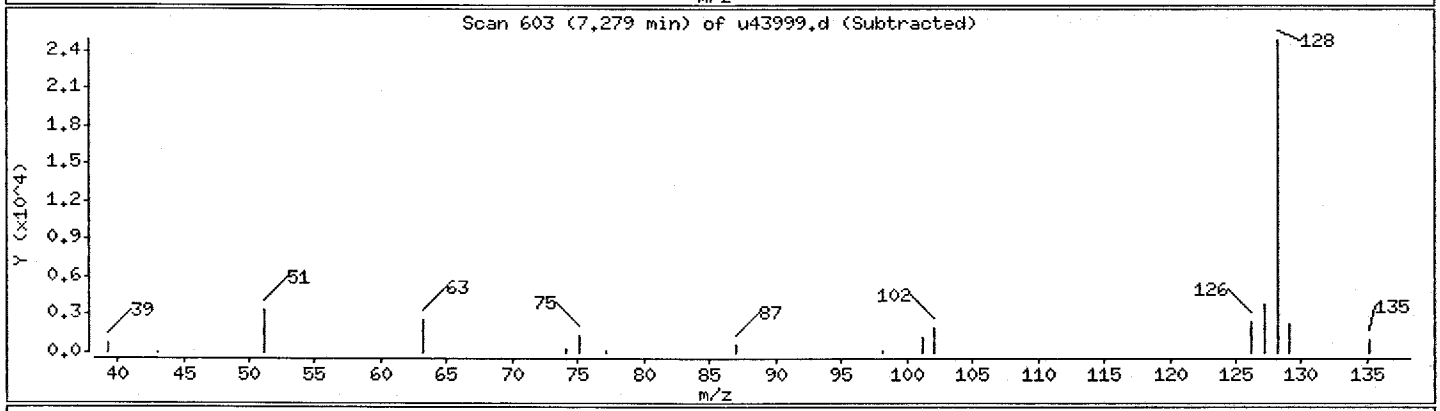
Sample Info: 908701;4225900

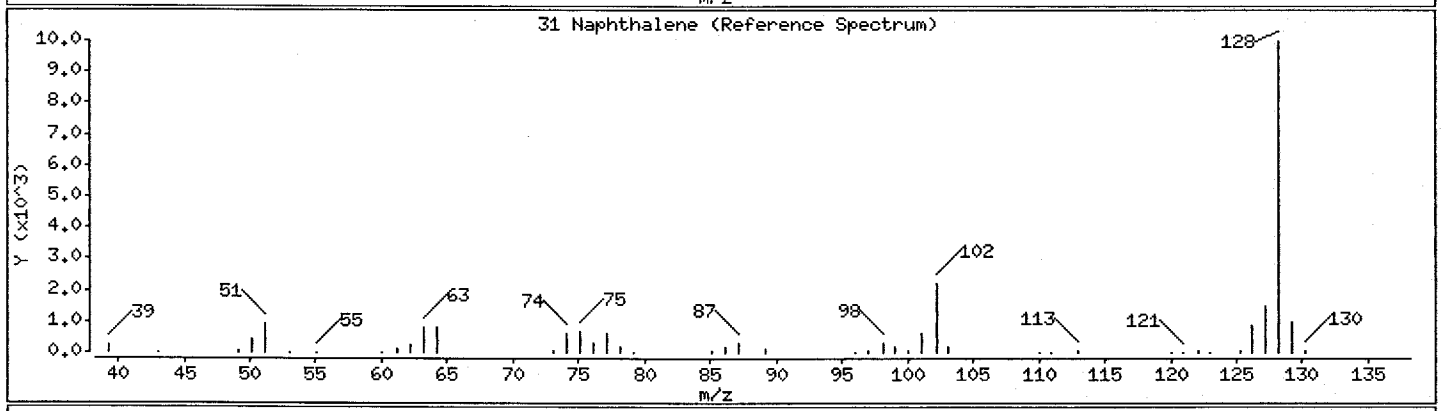
Operator: BNAMS 4

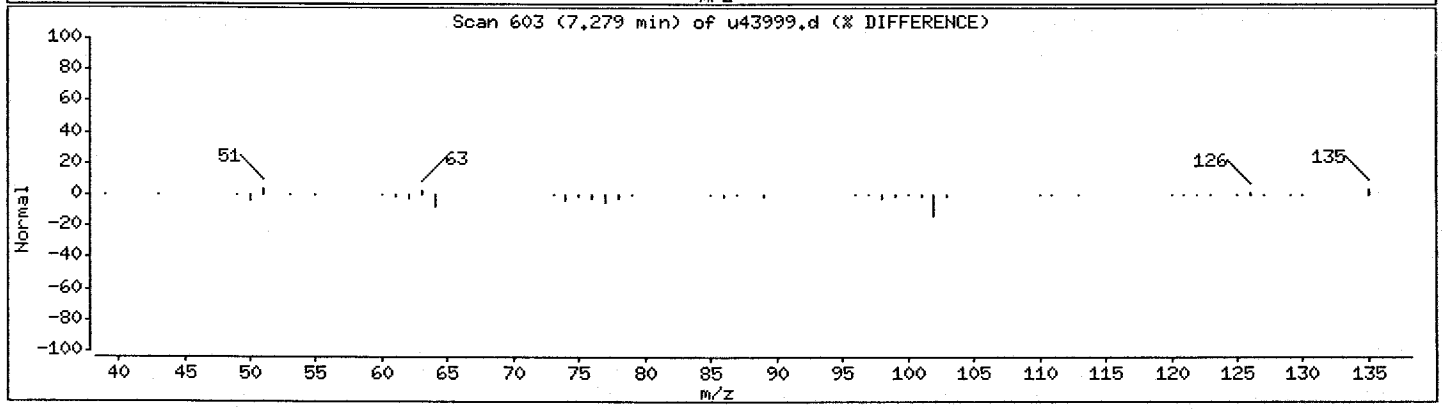
Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 630 ug/Kg









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Date : 09-APR-2008 16:25

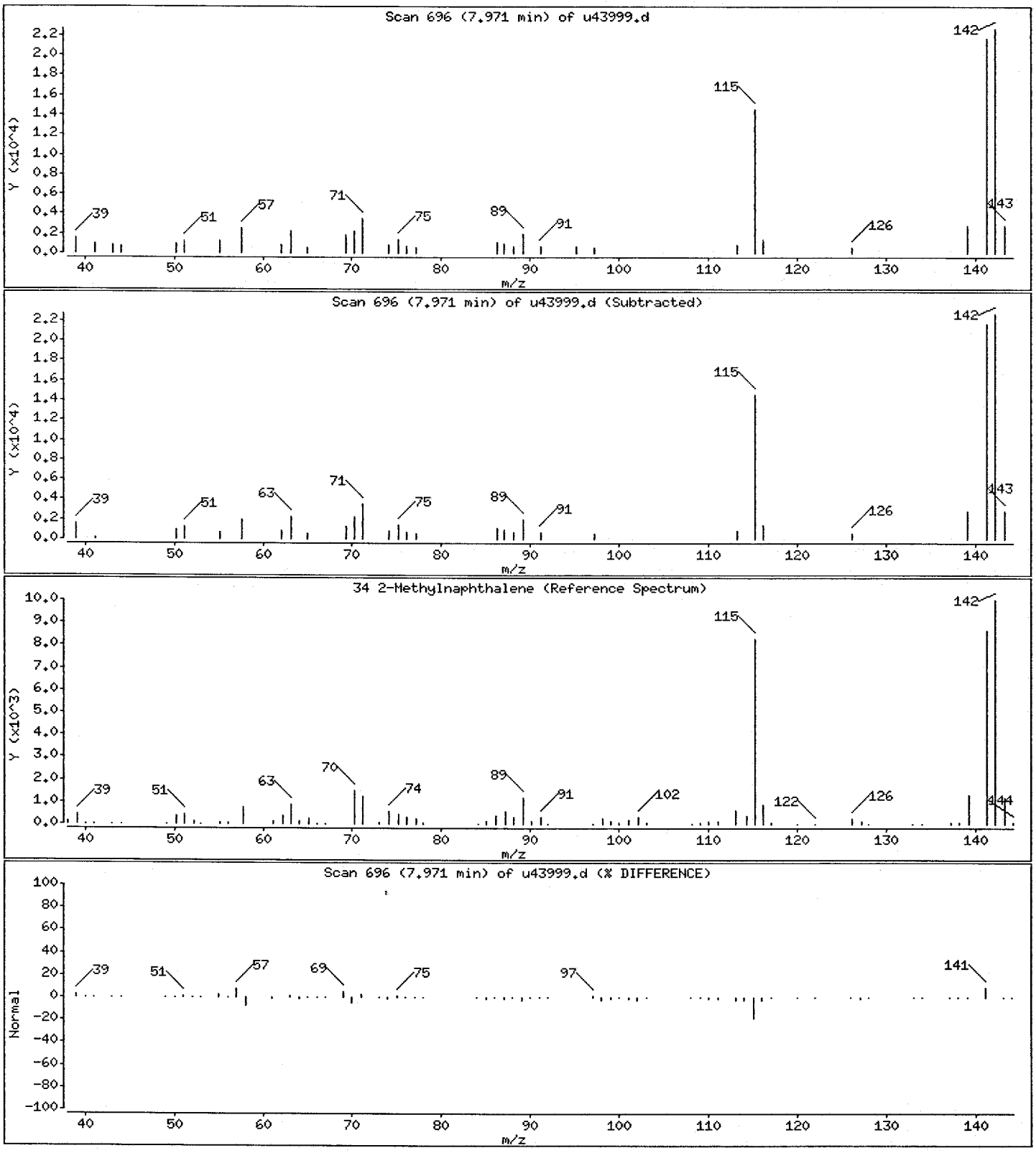
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

34 2-Methylnaphthalene Concentration: 850 ug/Kg



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Date : 09-APR-2008 16:25

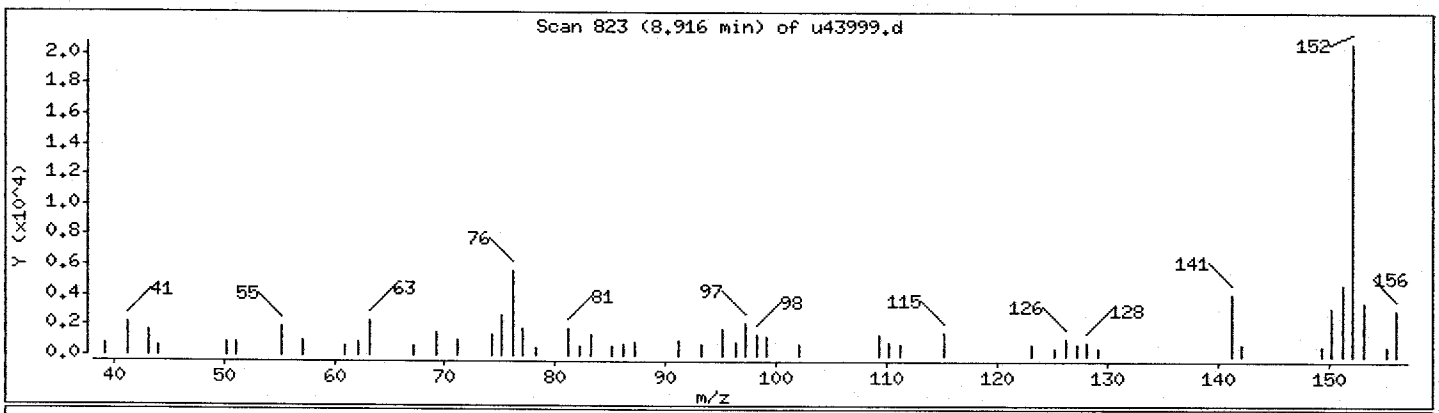
Client ID: 032608-1355 Instrument: BNAMS4.i

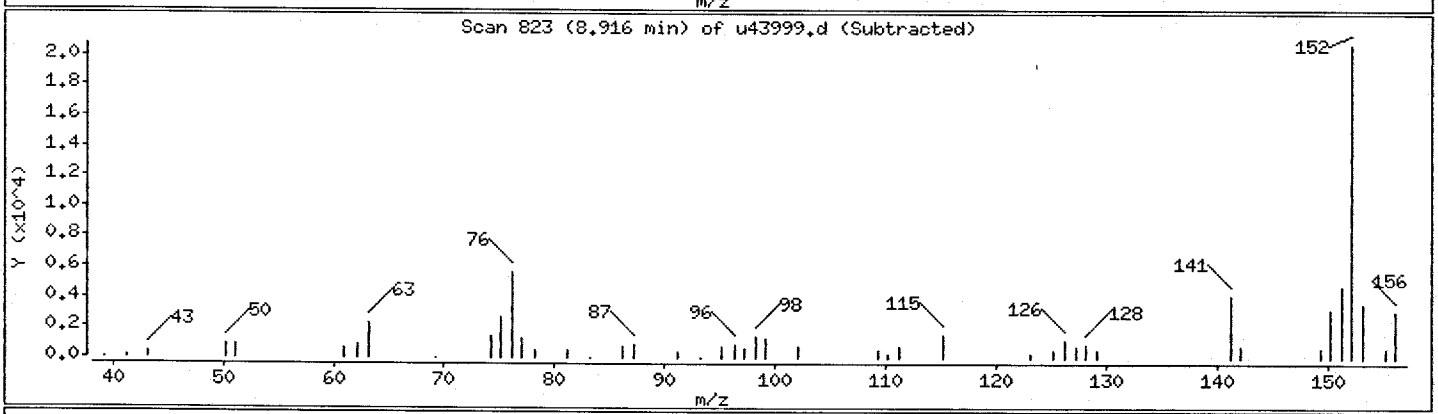
Sample Info: 908701;4225900

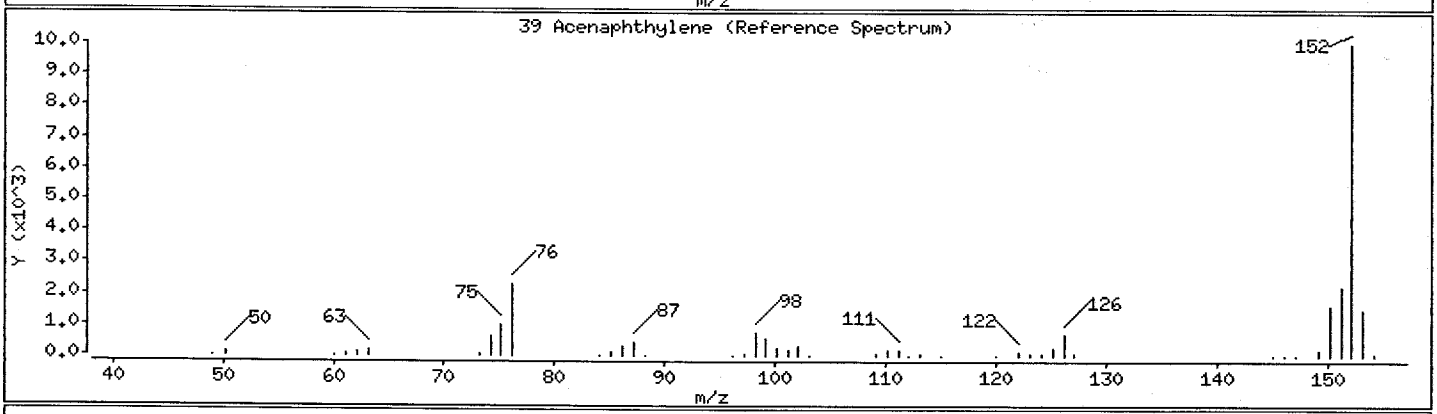
Operator: BNAMS 4

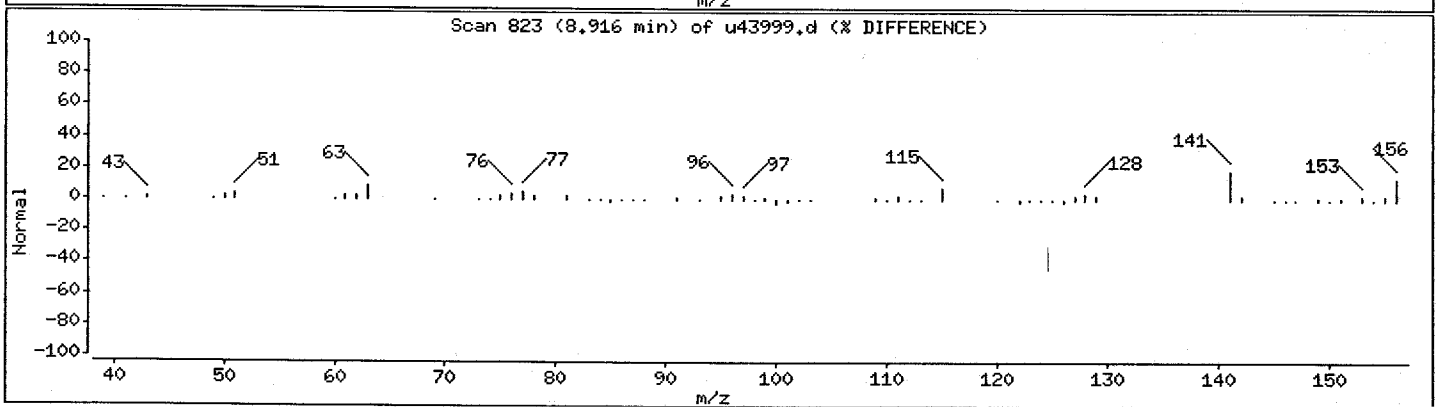
Column phase: DB-5 Column diameter: 0.25

39 Acenaphthylene Concentration: 550 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d

Date : 09-APR-2008 16:25

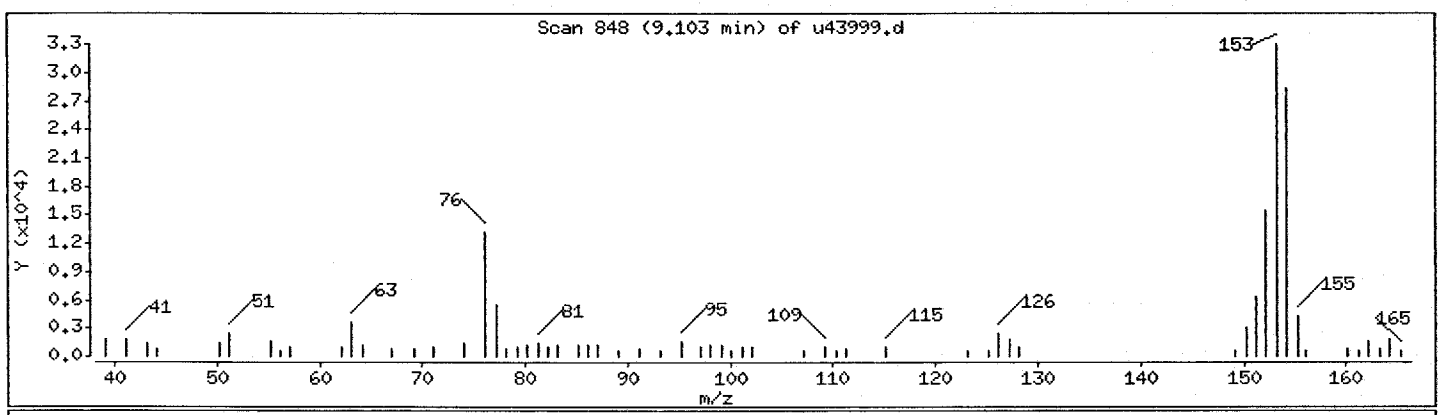
Client ID: 032608-1355 Instrument: BNAMS4.i

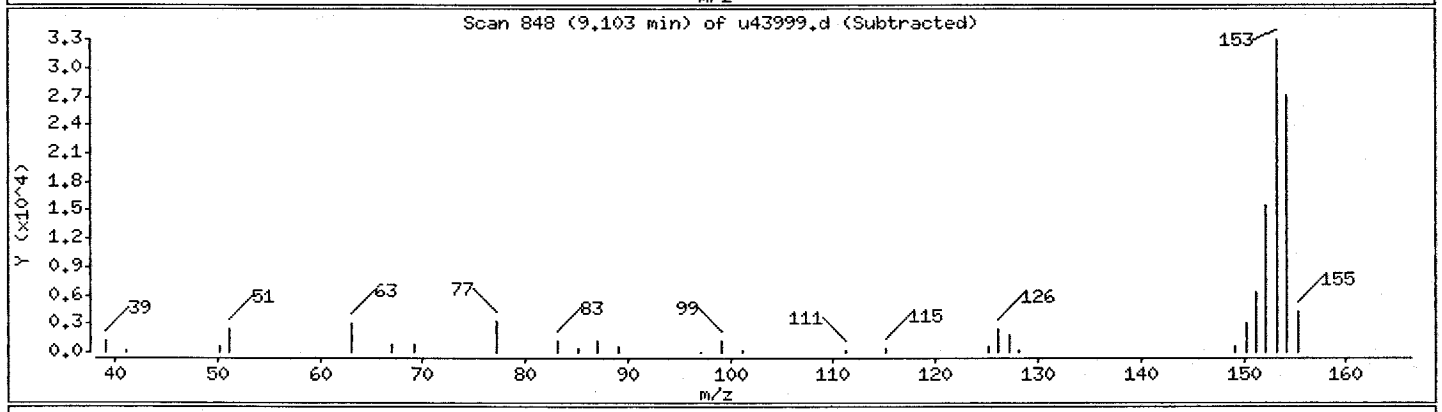
Sample Info: 908701;4225900

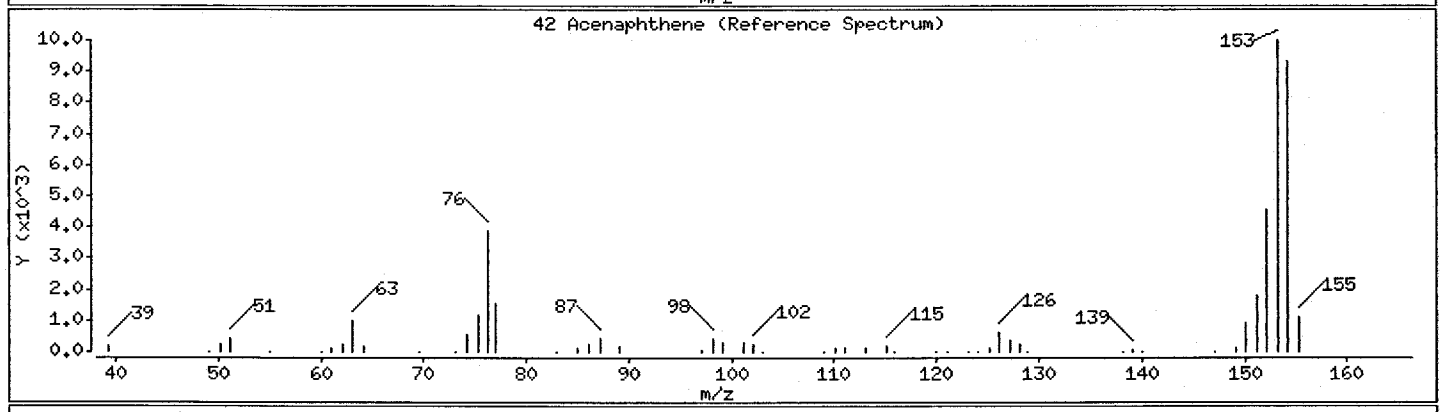
Operator: BNAMS 4

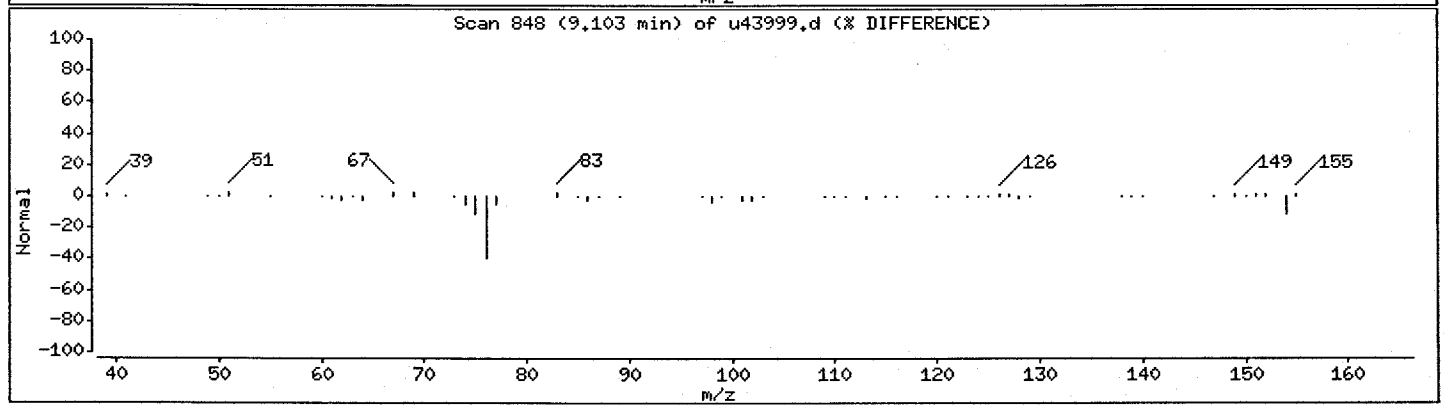
Column phase: DB-5 Column diameter: 0.25

42 Acenaphthene Concentration: 1200 ug/Kg









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Date : 09-APR-2008 16:25

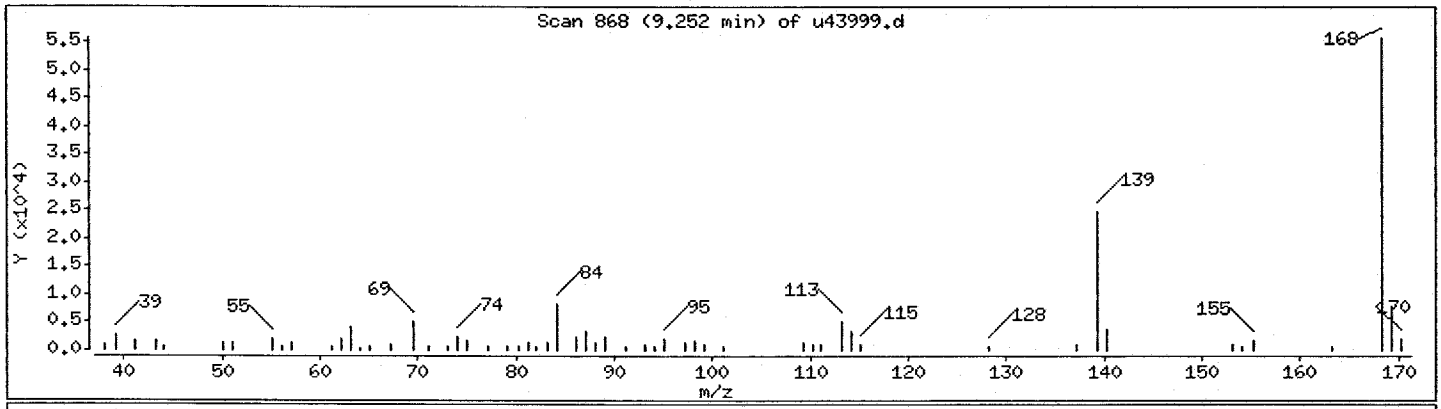
Client ID: 032608-1355 Instrument: BNAMS4.i

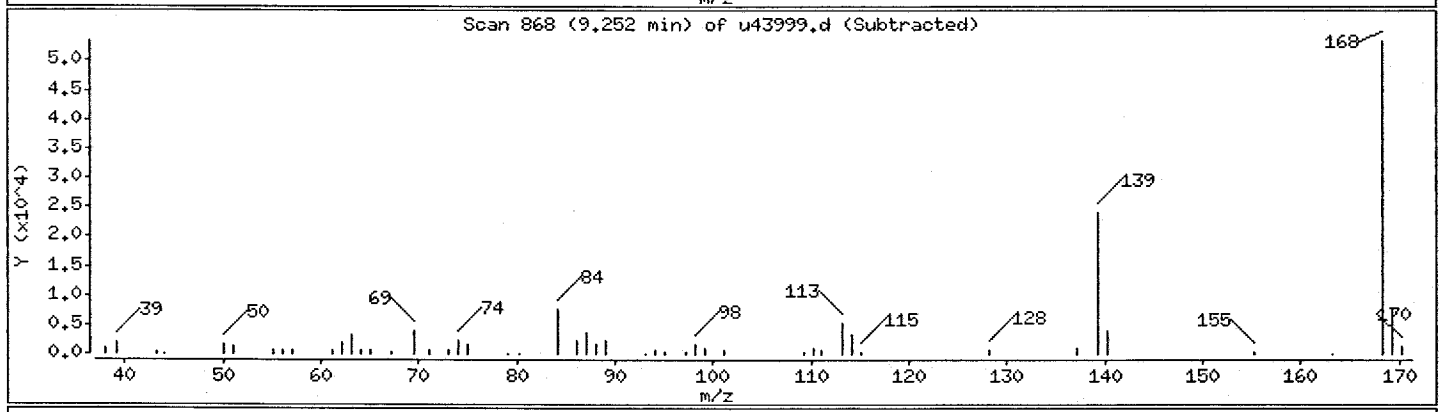
Sample Info: 908701;4225900

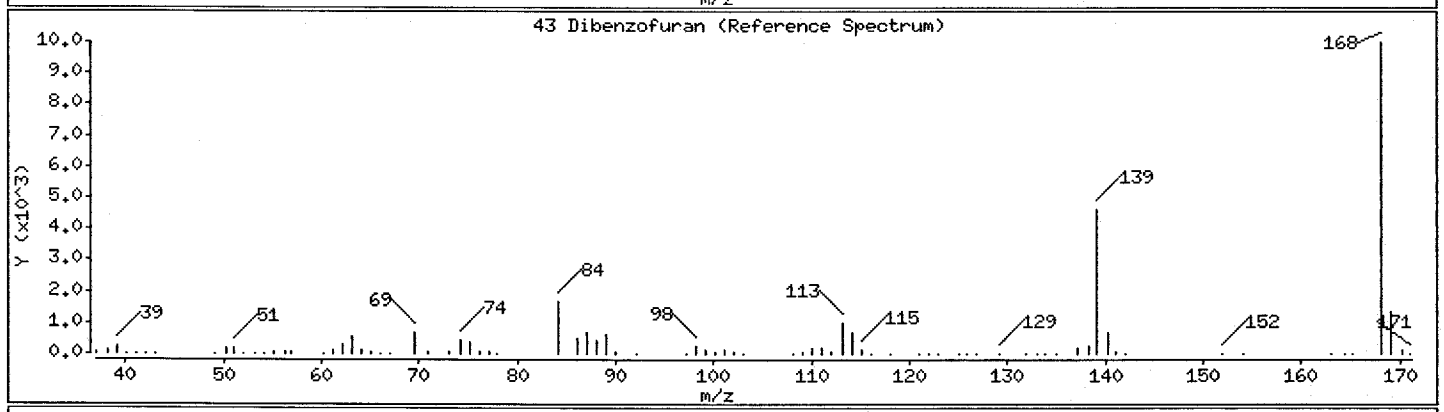
Operator: BNAMS 4

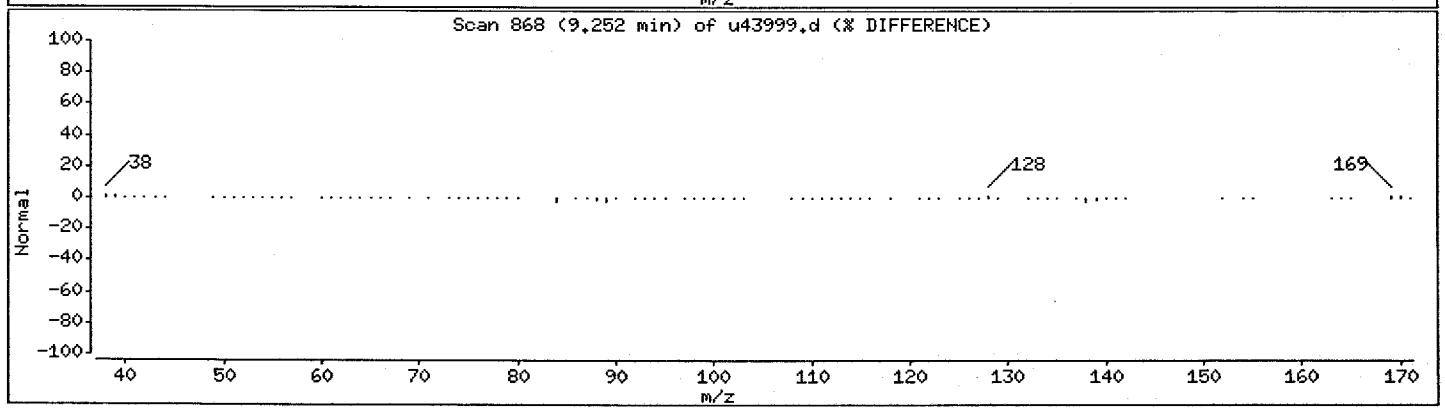
Column phase: DB-5 Column diameter: 0.25

43 Dibenzofuran Concentration: 1200 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d

Date : 09-APR-2008 16:25

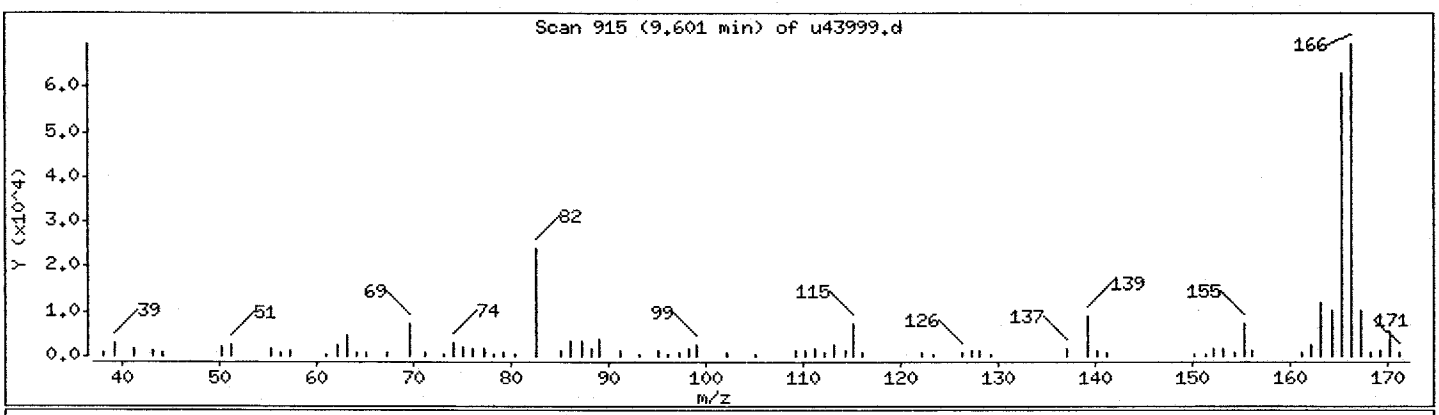
Client ID: 032608-1355 Instrument: BNAMS4.i

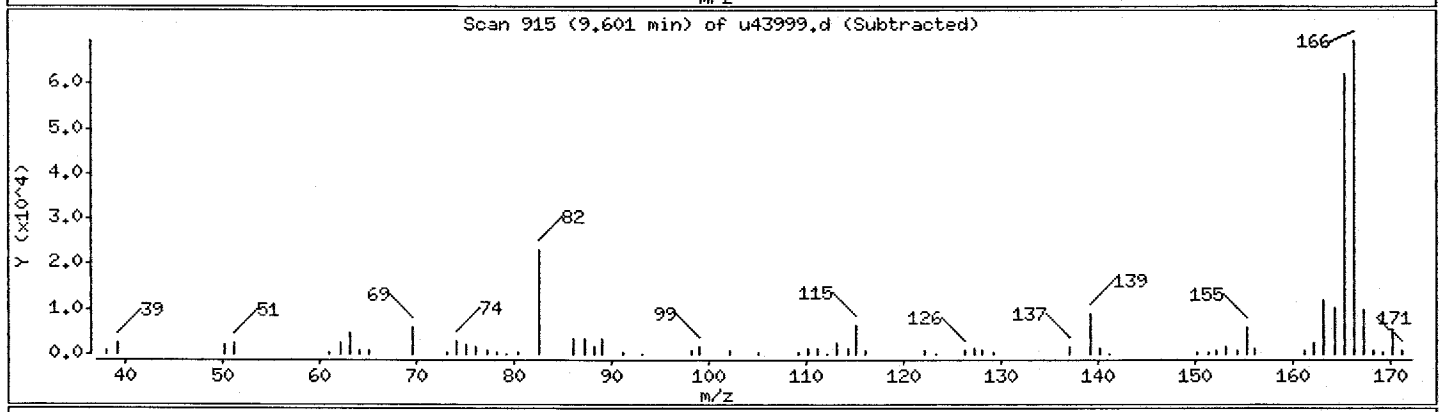
Sample Info: 908701;4225900

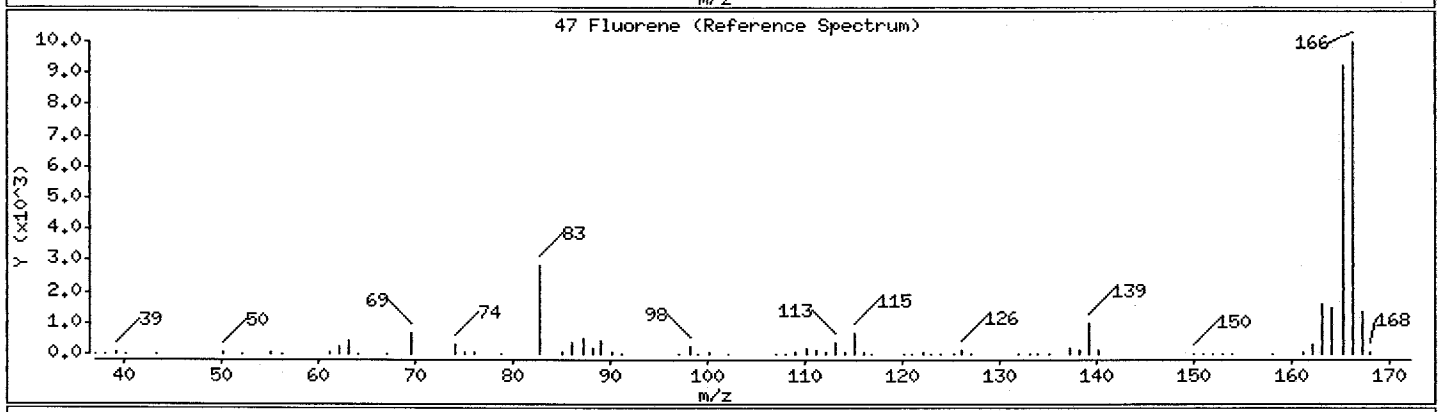
Operator: BNAMS 4

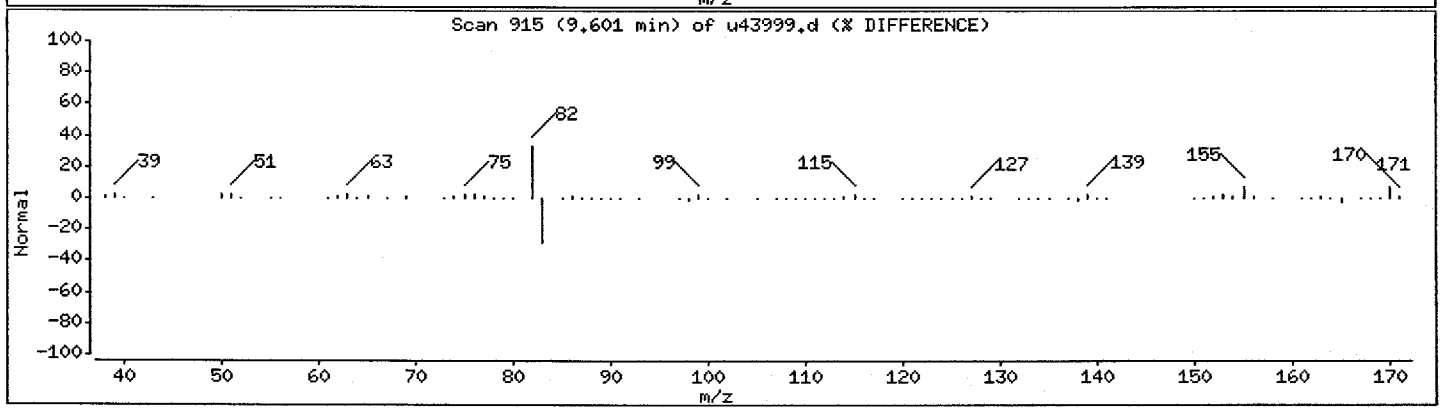
Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 2100 ug/Kg









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Date : 09-APR-2008 16:25

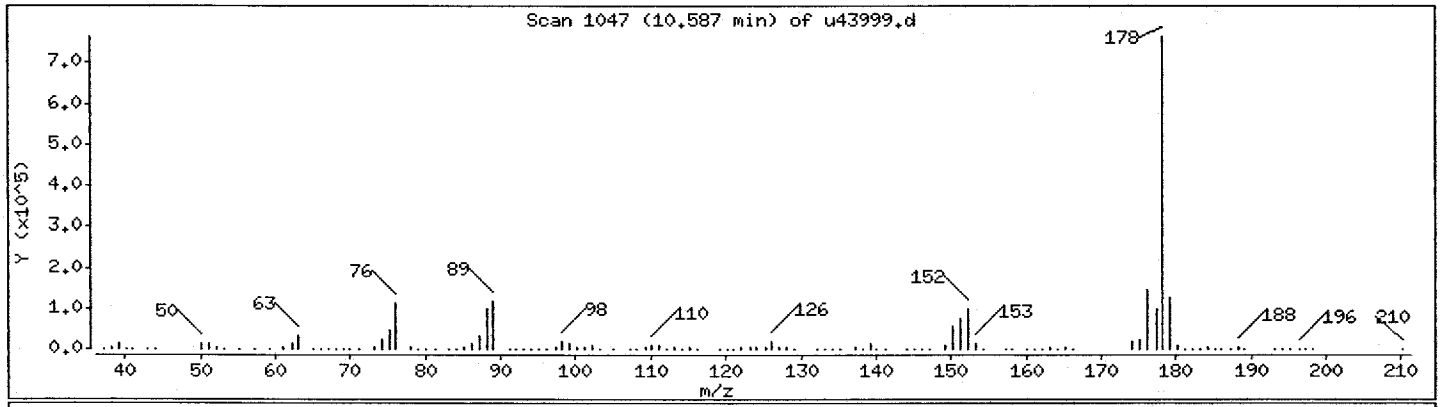
Client ID: 032608-1355 Instrument: BNAMS4.i

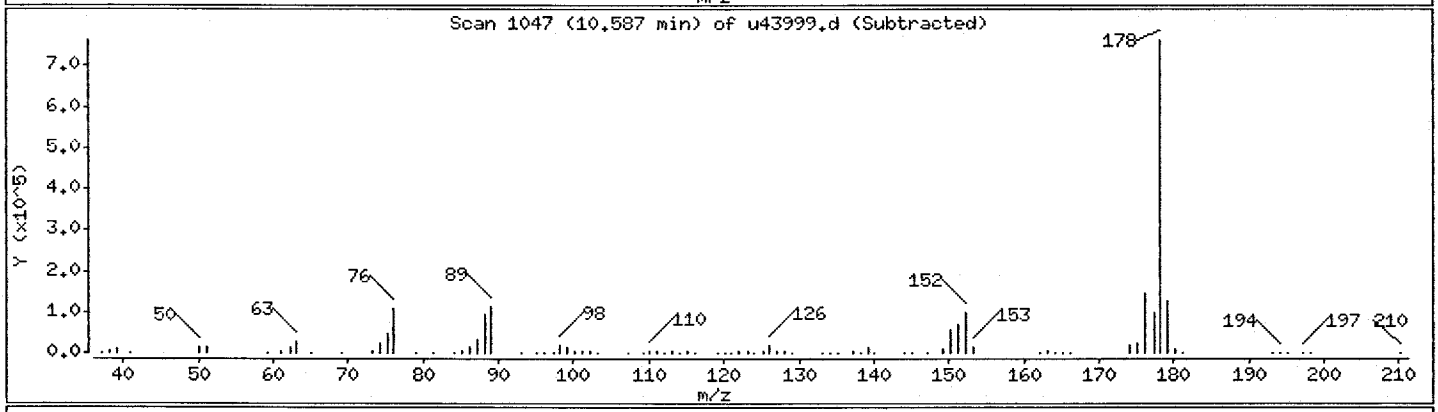
Sample Info: 908701;4225900

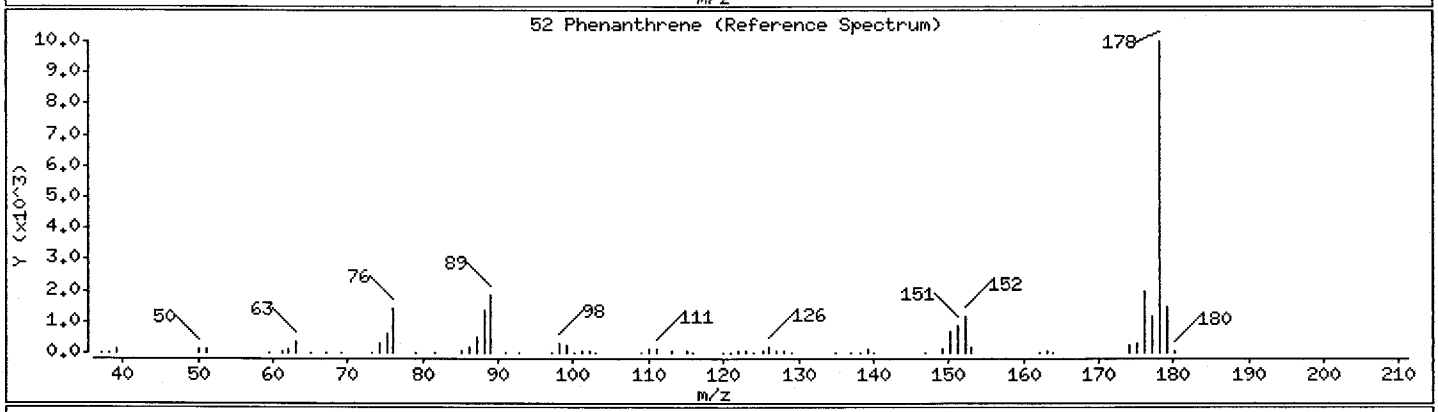
Operator: BNAMS 4

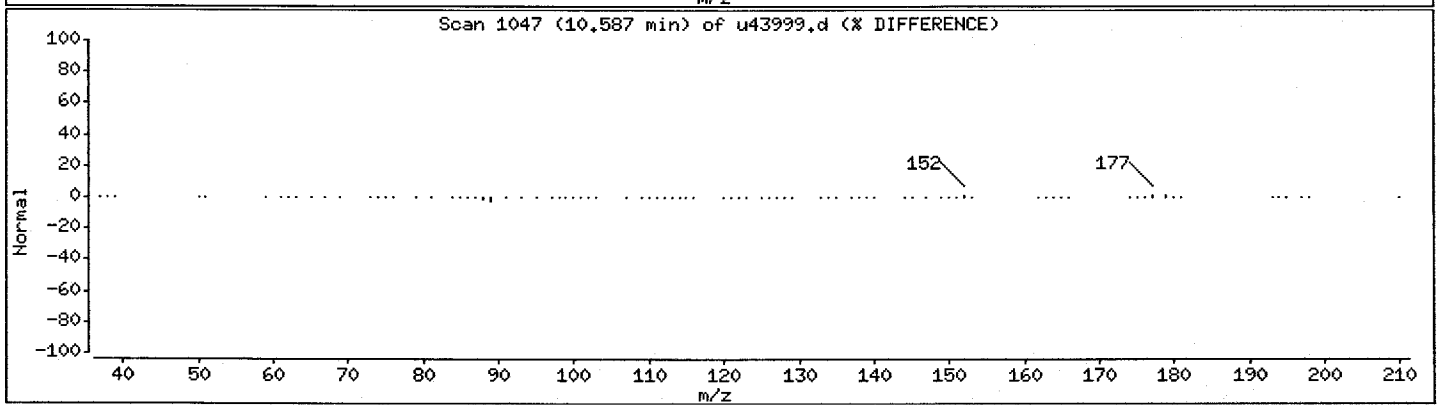
Column phase: DB-5 Column diameter: 0.25

52 Phenanthrene Concentration: 19000 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d

Date : 09-APR-2008 16:25

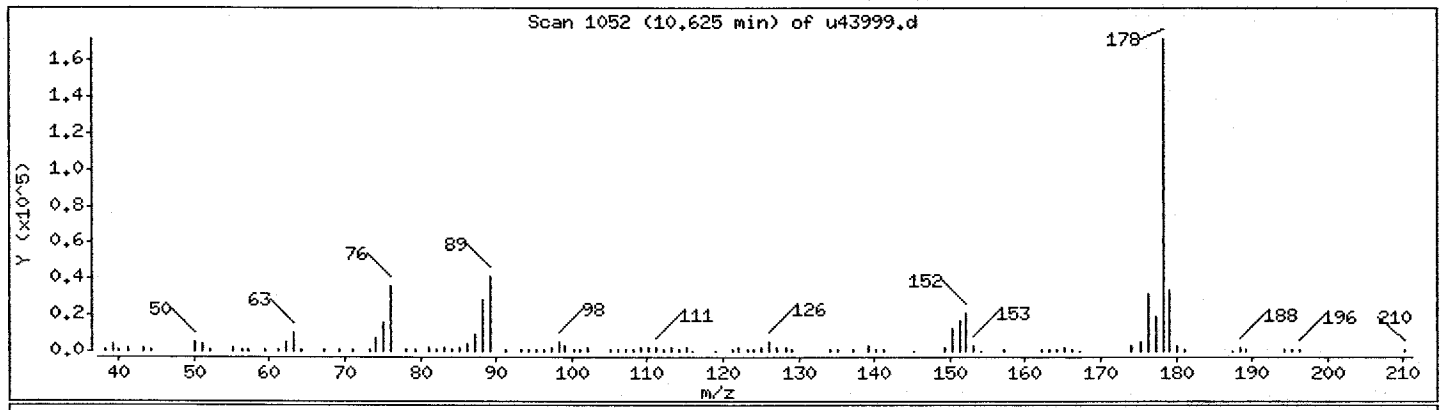
Client ID: 032608-1355 Instrument: BNAMS4.i

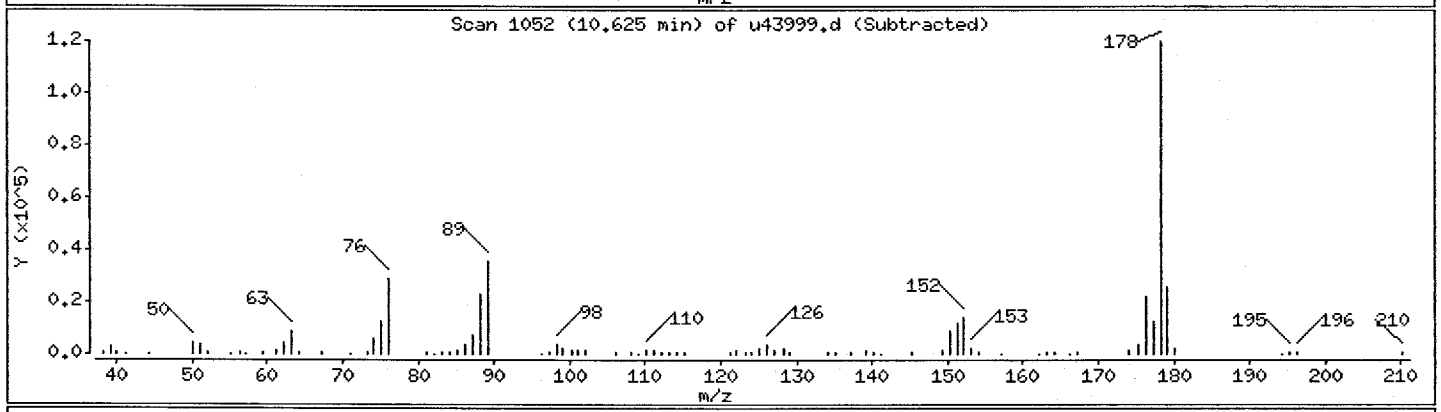
Sample Info: 908701;4225900

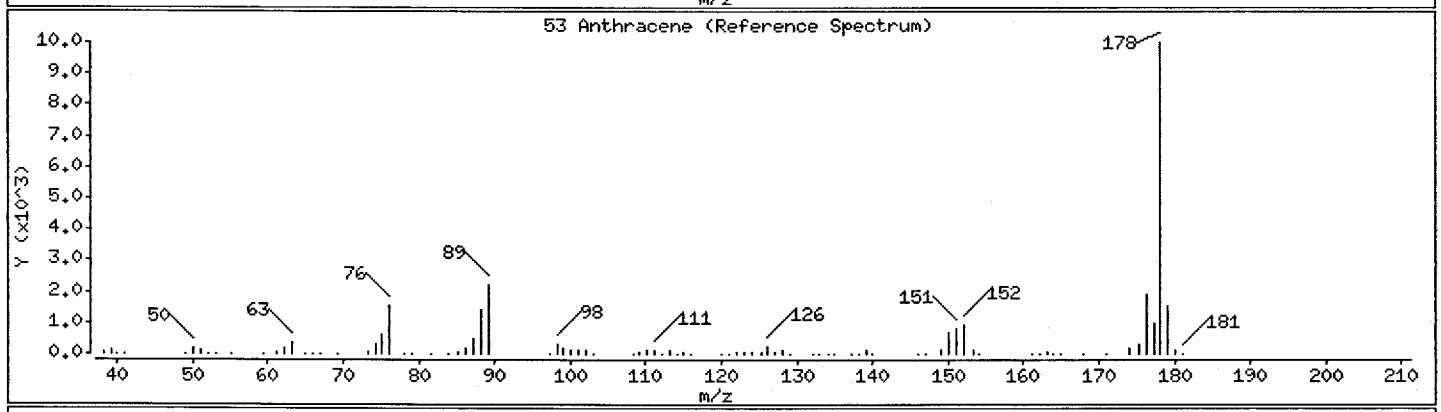
Operator: BNAMS 4

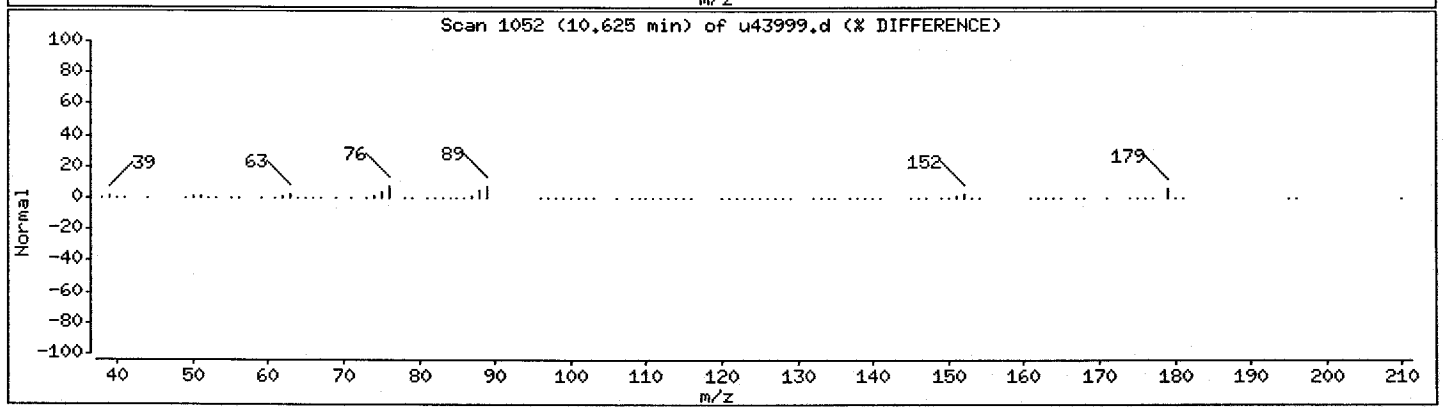
Column phase: DB-5 Column diameter: 0.25

53 Anthracene Concentration: 4400 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d

Date : 09-APR-2008 16:25

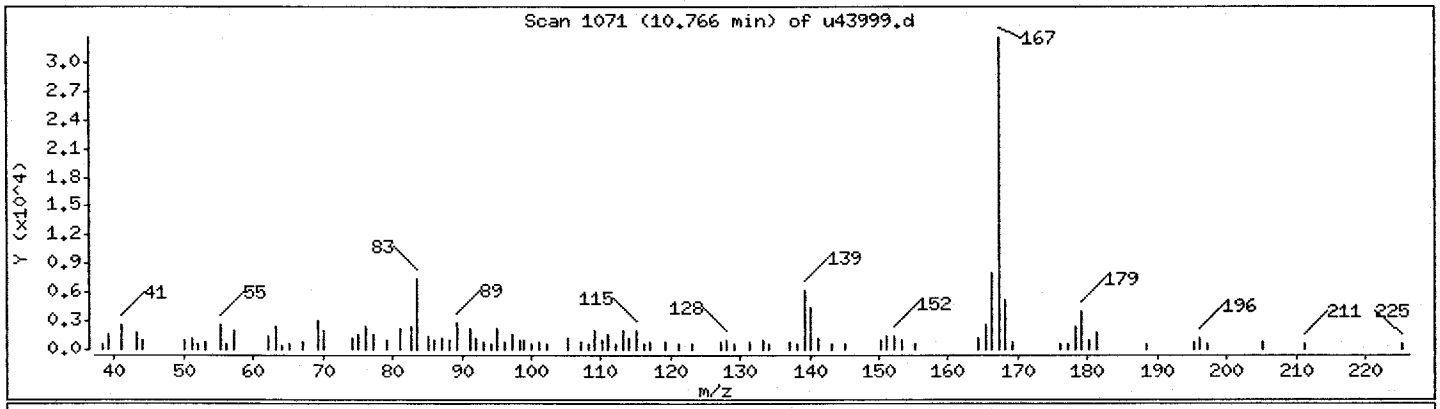
Client ID: 032608-1355 Instrument: BNAMS4.i

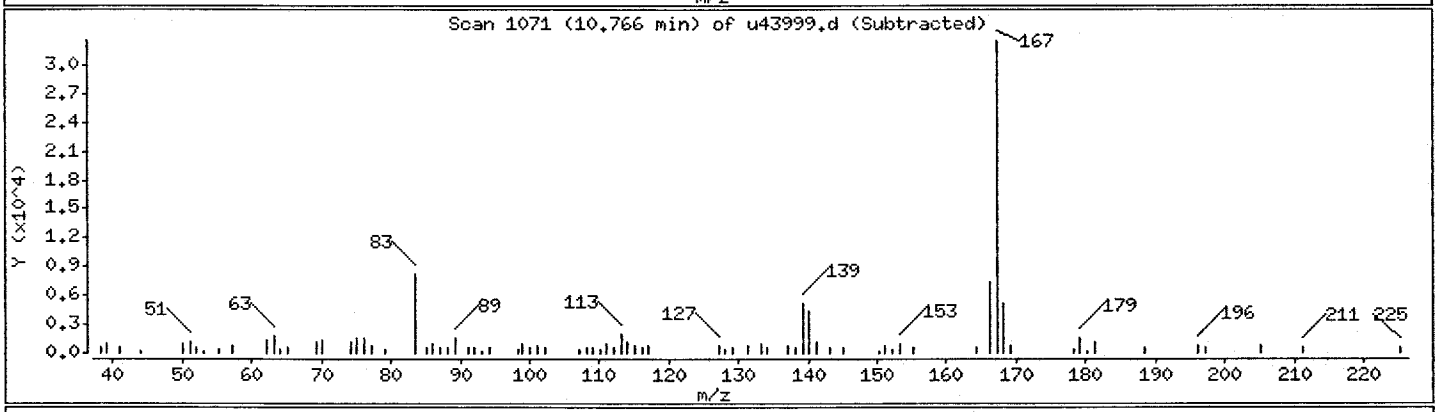
Sample Info: 908701;4225900

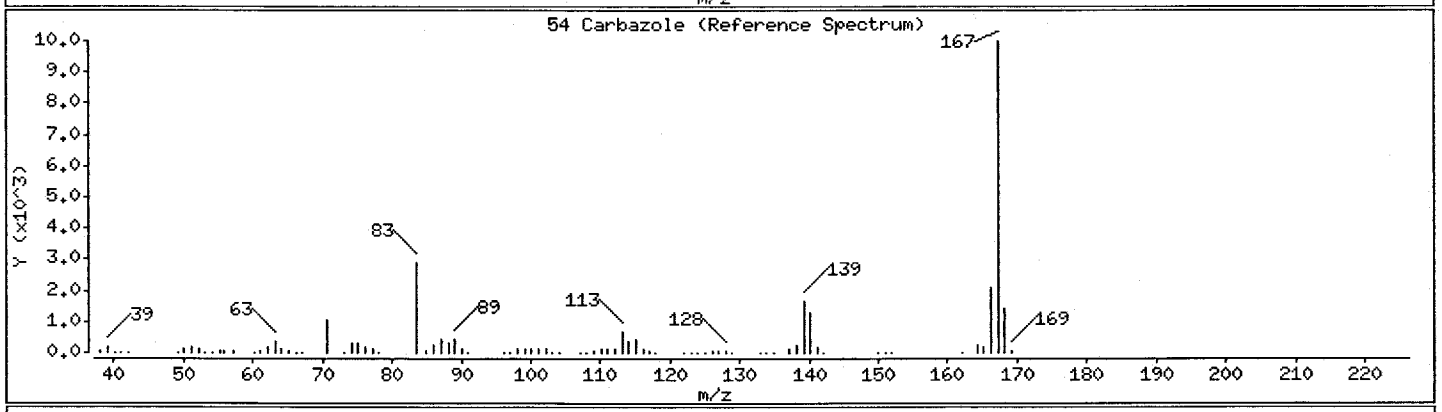
Operator: BNAMS 4

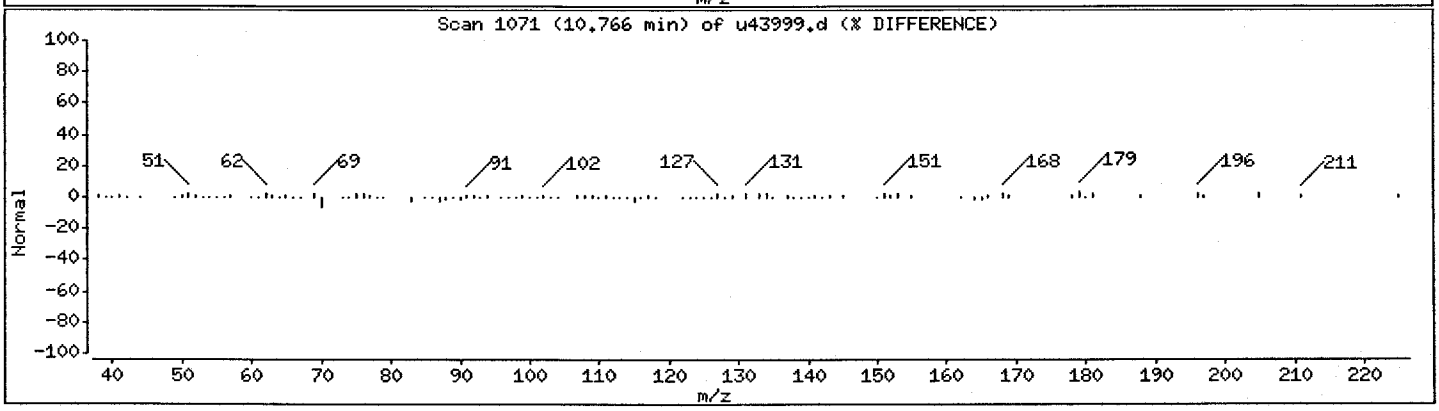
Column phase: DB-5 Column diameter: 0.25

54 Carbazole Concentration: 860 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d

Date : 09-APR-2008 16:25

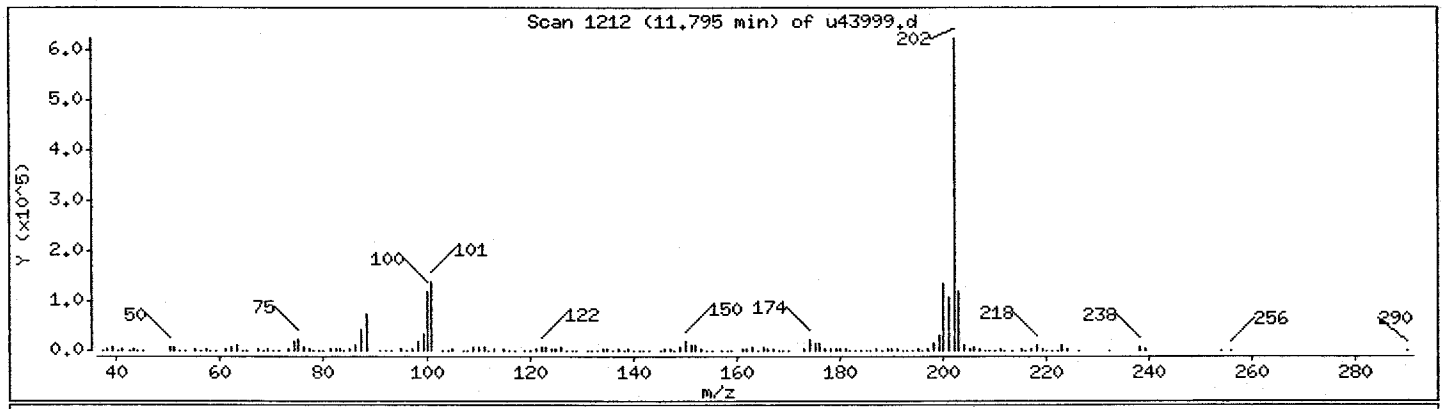
Client ID: 032608-1355 Instrument: BNAMS4.i

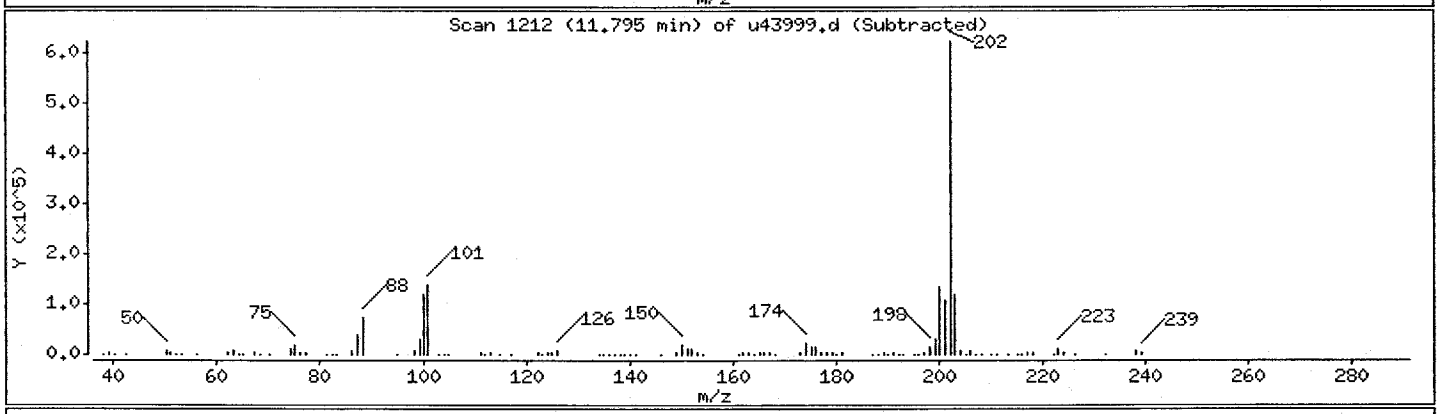
Sample Info: 908701;4225900

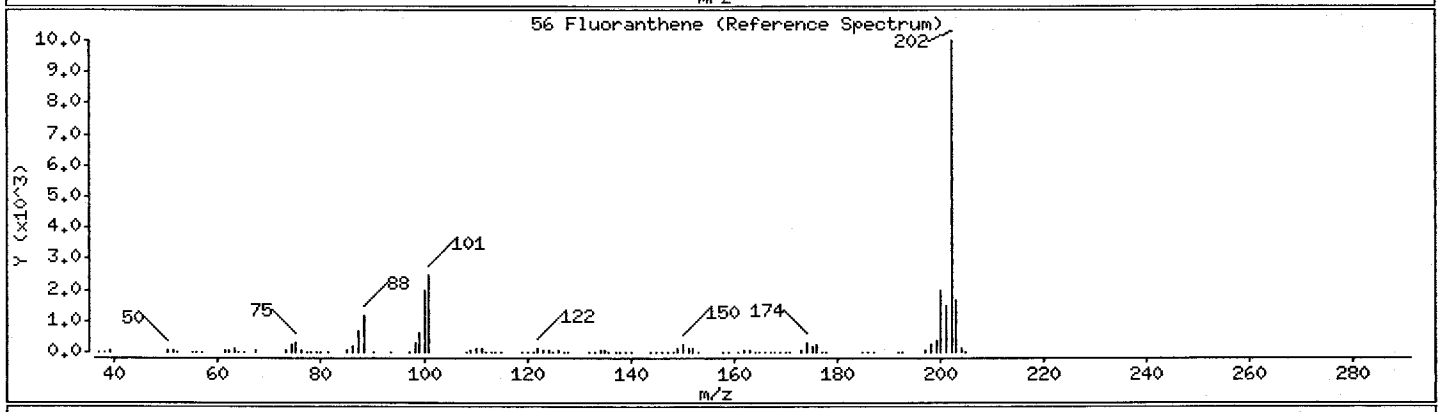
Operator: BNAMS 4

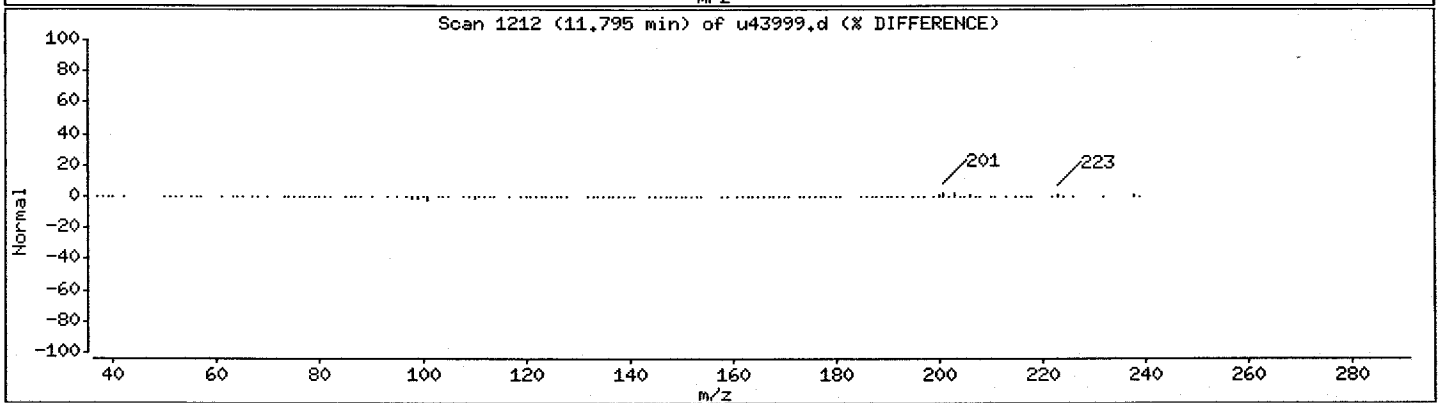
Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 15000 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d

Date : 09-APR-2008 16:25

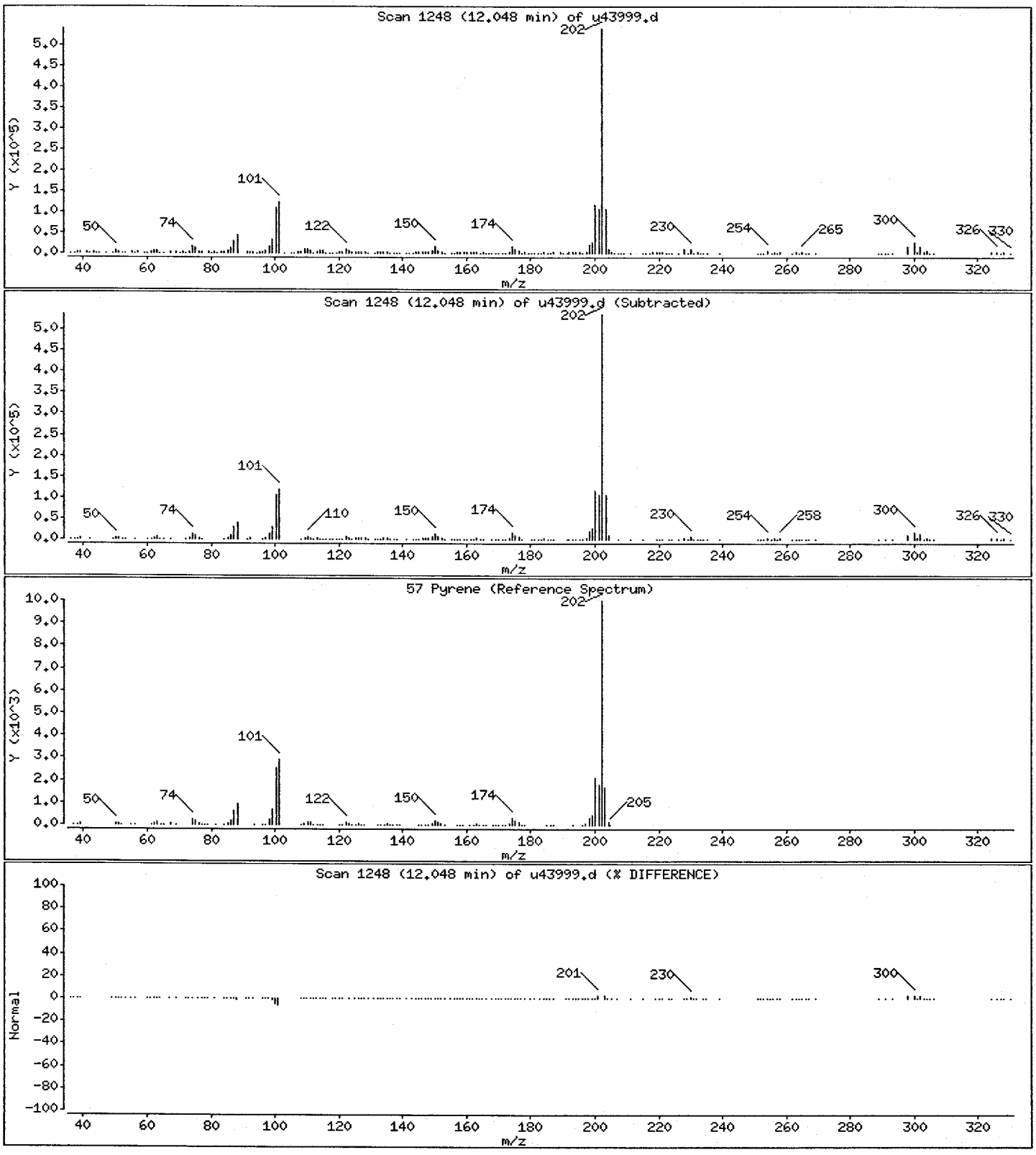
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 18000 ug/Kg



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Date : 09-APR-2008 16:25

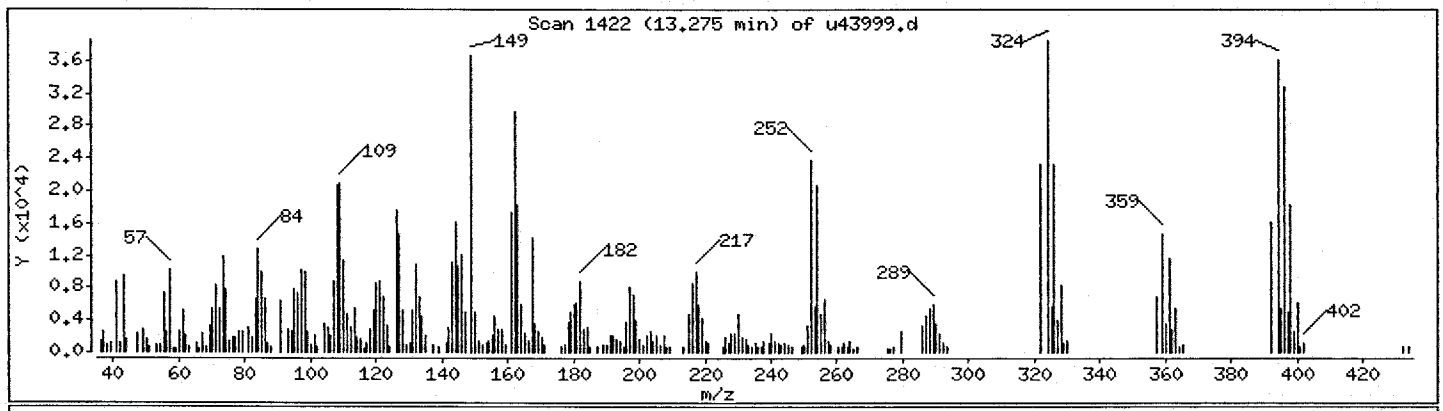
Client ID: 032608-1355 Instrument: BNAMS4.i

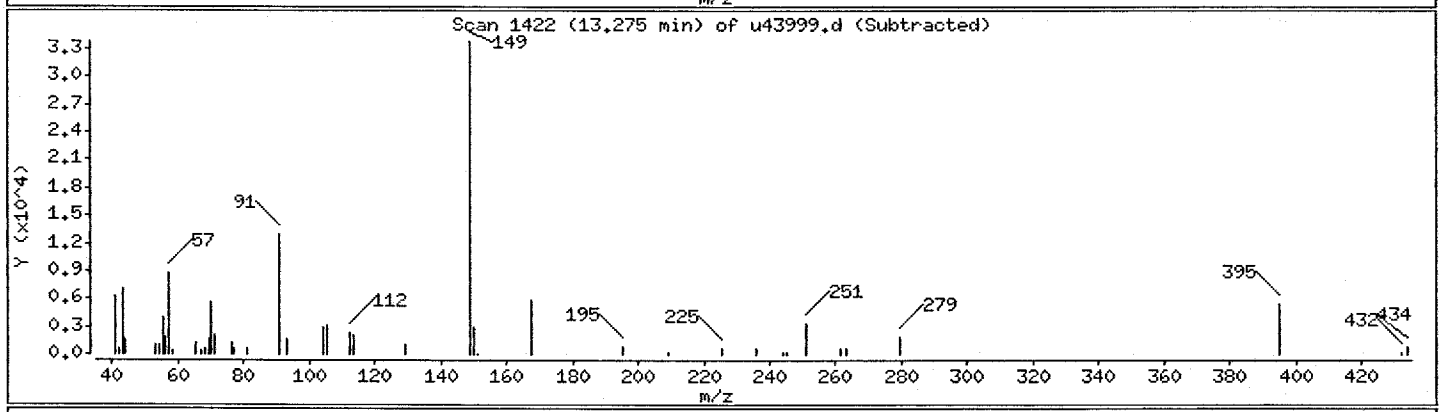
Sample Info: 908701;4225900

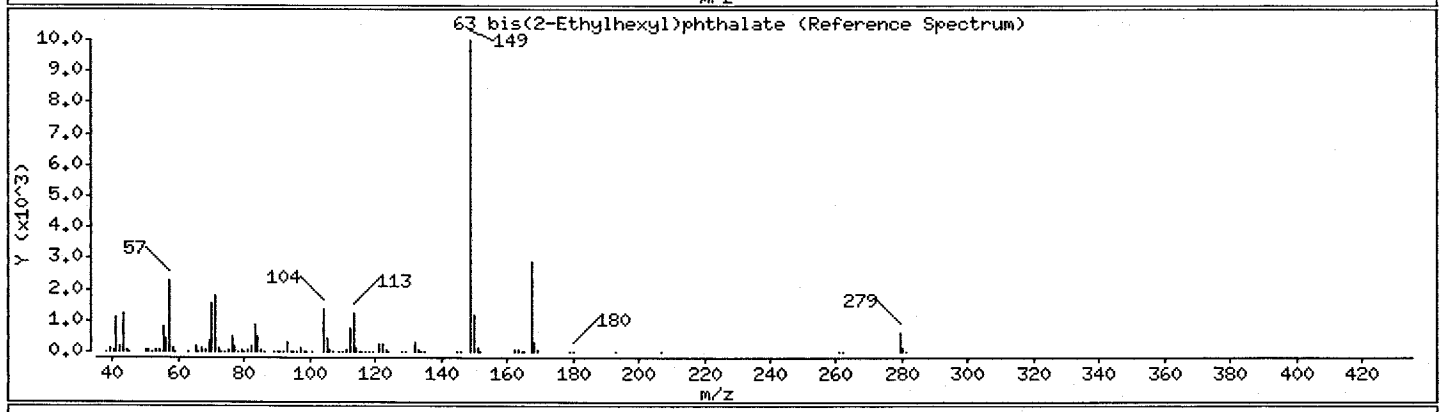
Operator: BNAMS 4

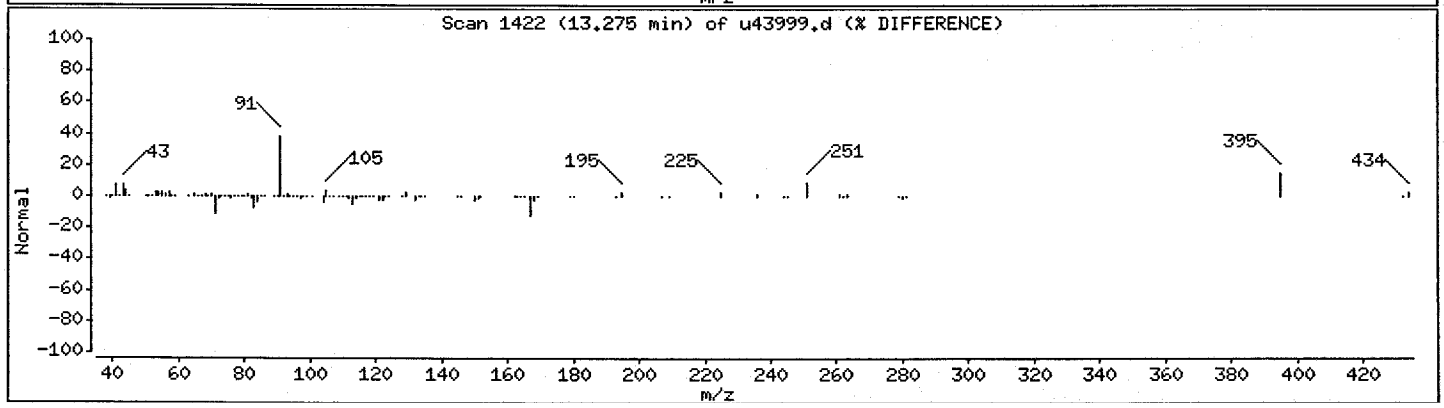
Column phase: DB-5 Column diameter: 0.25

63 bis(2-Ethylhexyl)phthalate Concentration: 1300 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d

Date : 09-APR-2008 16:25

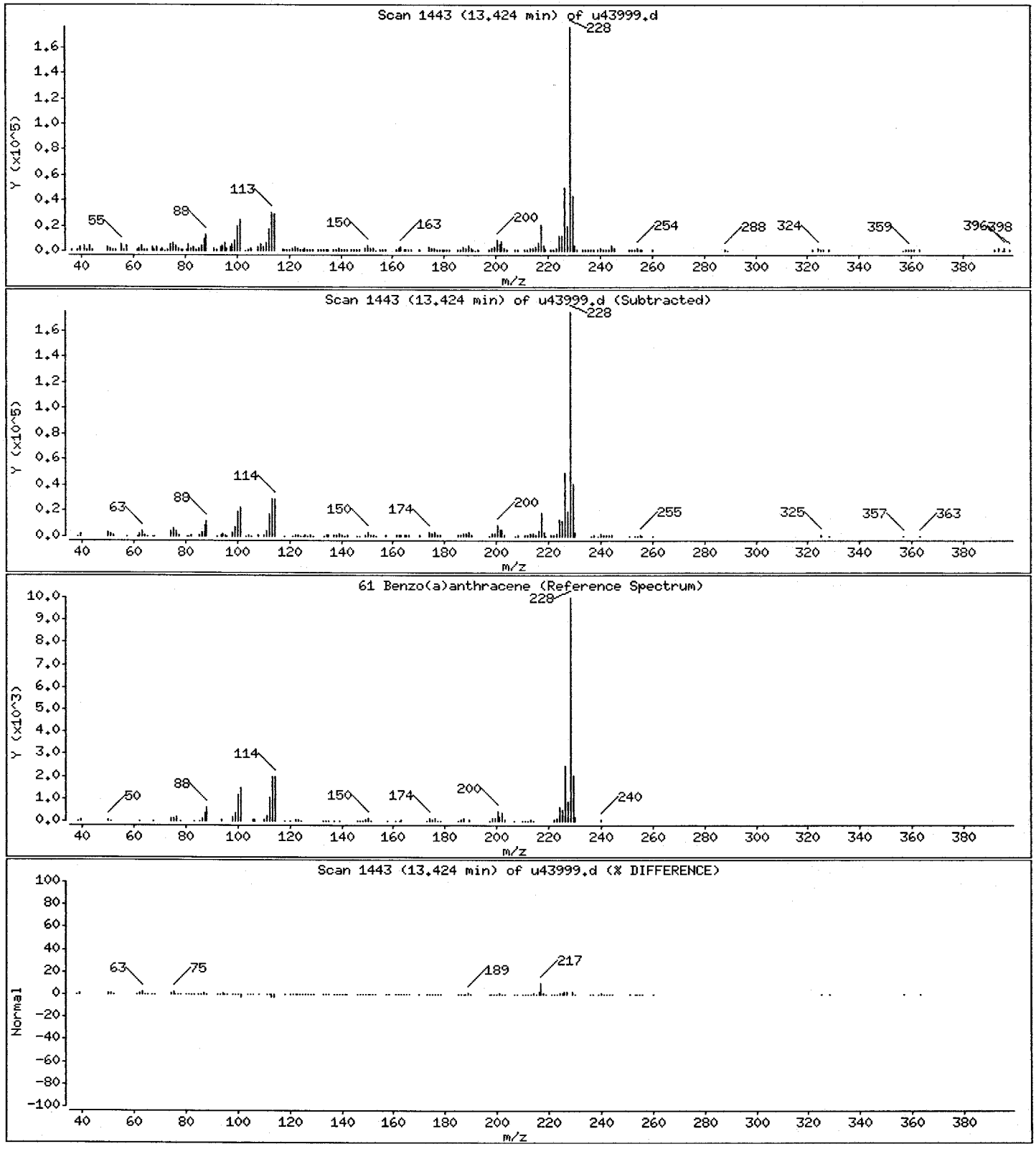
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

61 Benzo(a)anthracene Concentration: 8000 ug/Kg



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d

Date : 09-APR-2008 16:25

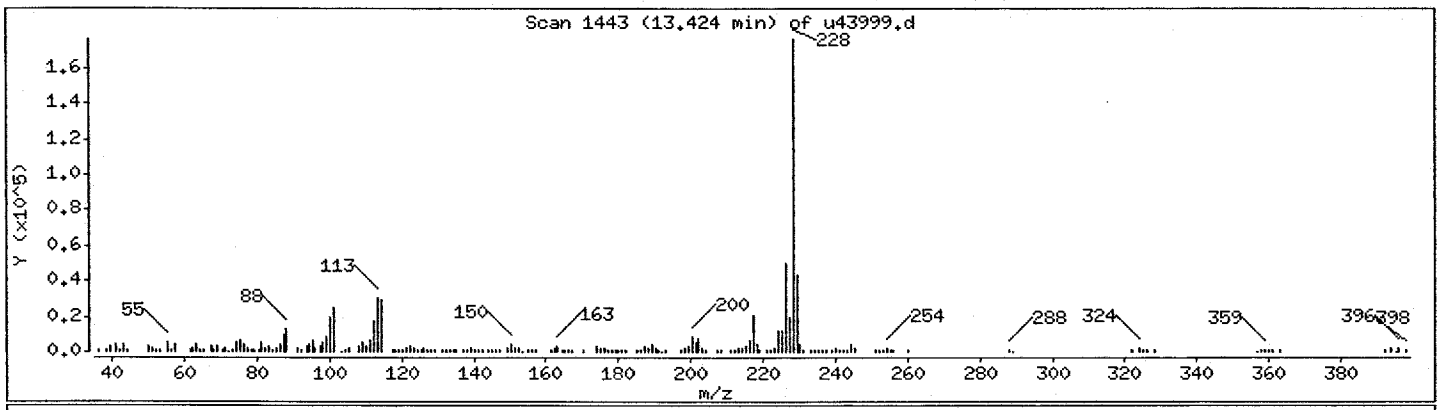
Client ID: 032608-1355 Instrument: BNAMS4.i

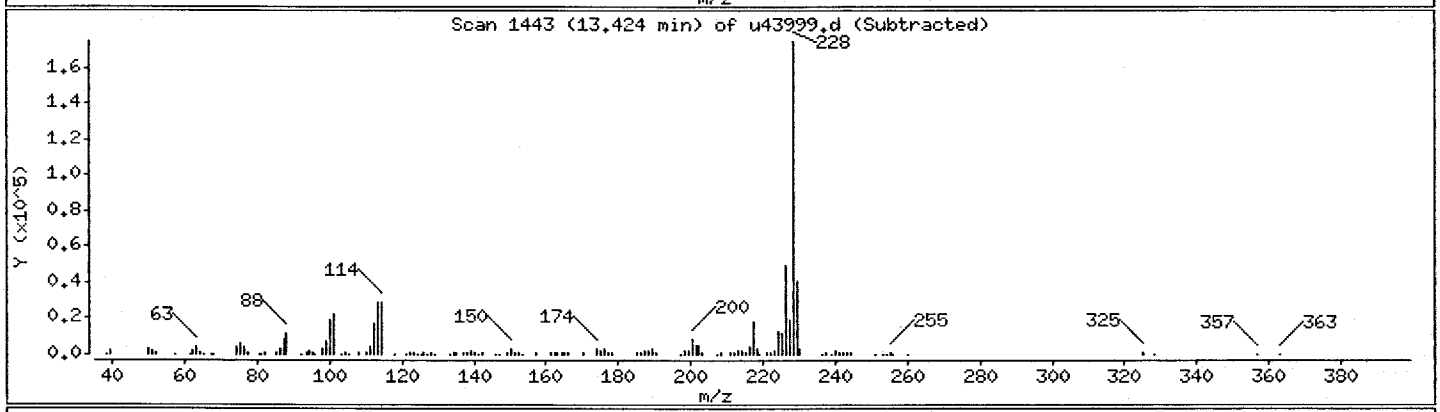
Sample Info: 908701;4225900

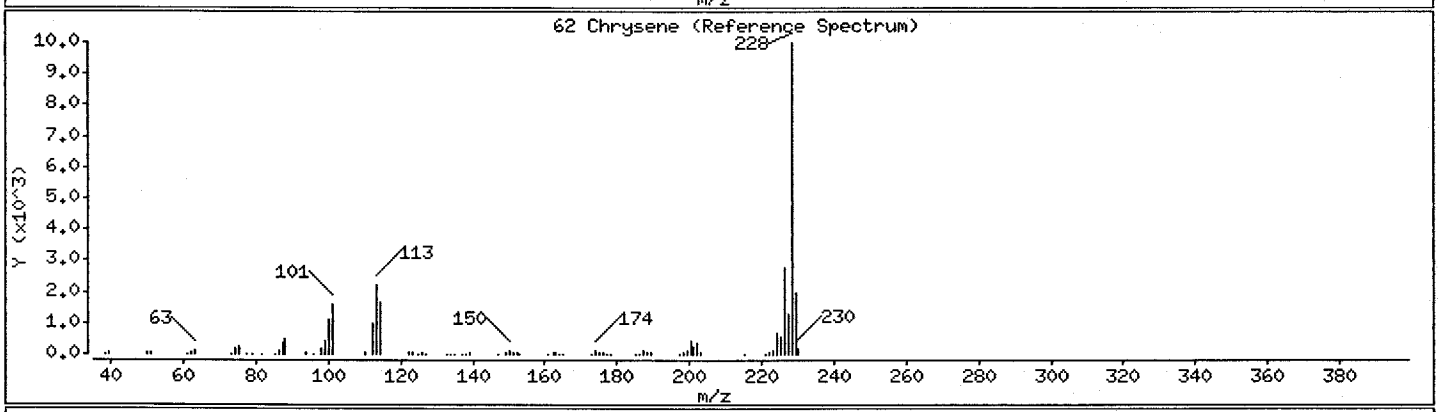
Operator: BNAMS 4

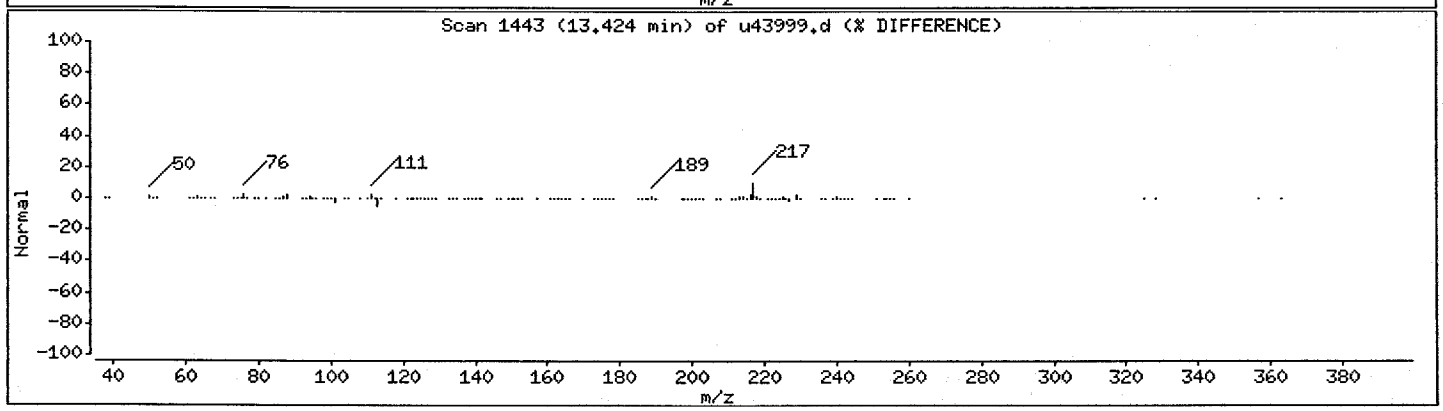
Column phase: DB-5 Column diameter: 0.25

62 Chrysene Concentration: 8900 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d

Date : 09-APR-2008 16:25

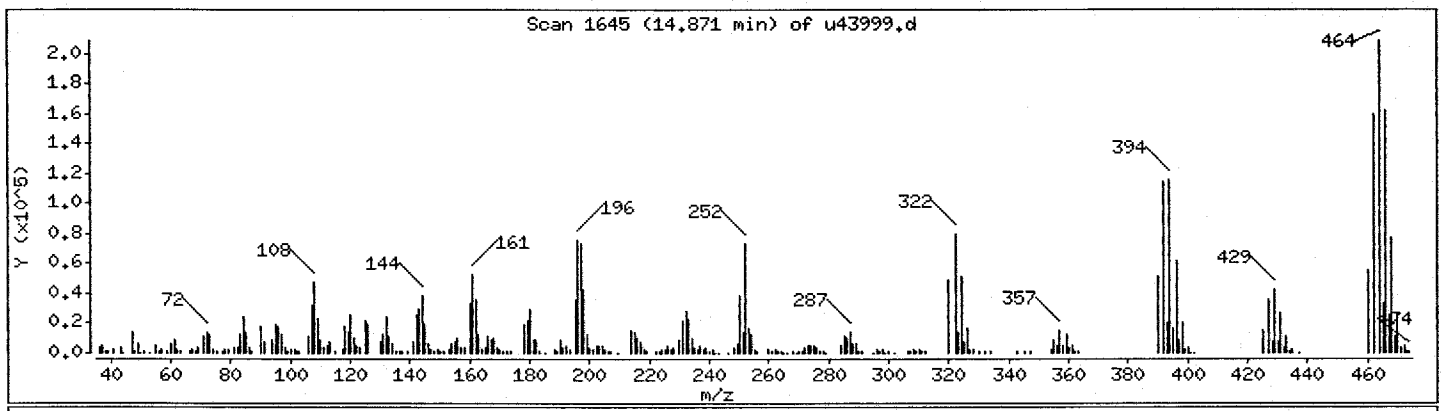
Client ID: 032608-1355 Instrument: BNAMS4.i

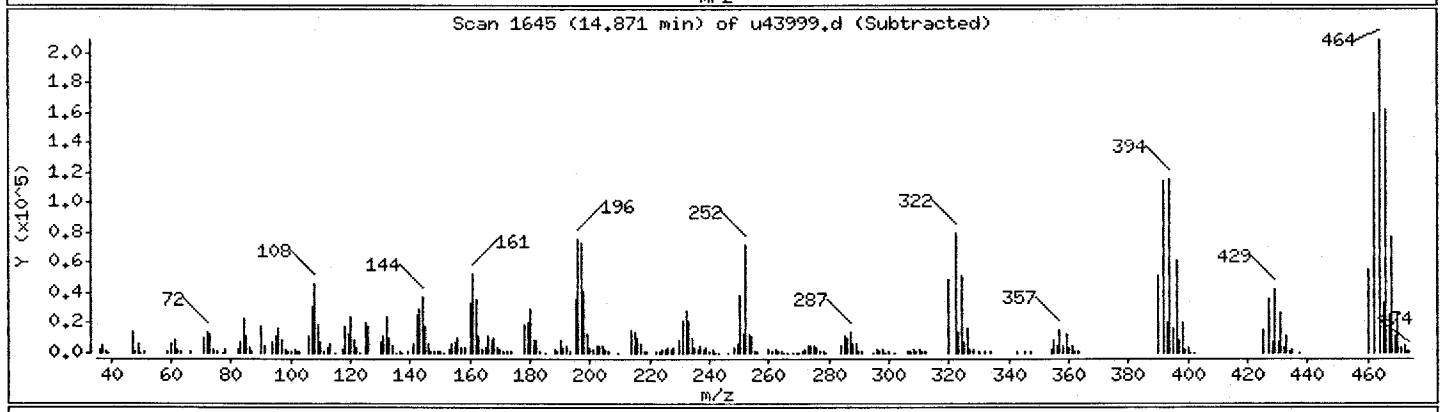
Sample Info: 908701;4225900

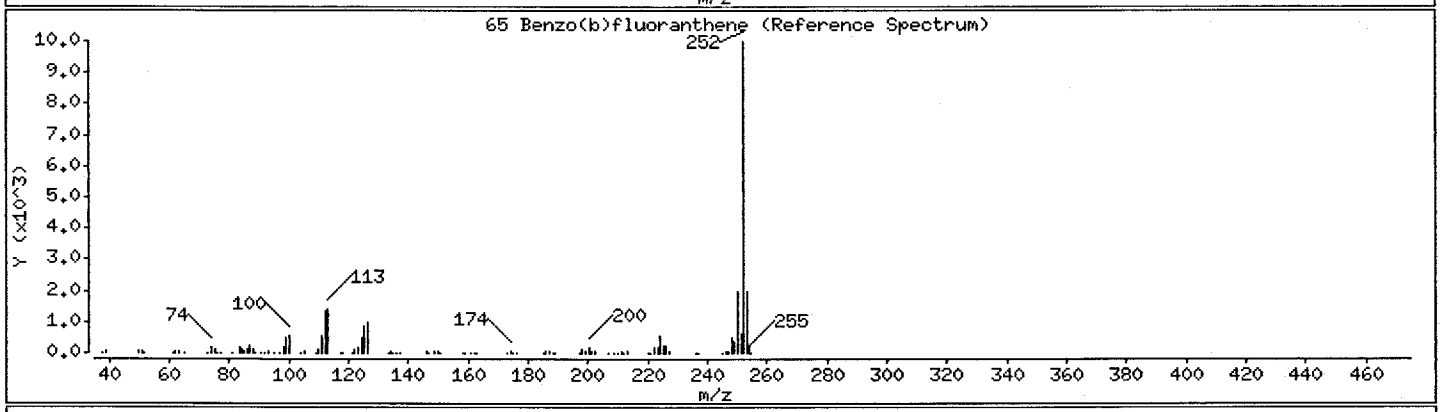
Operator: BNAMS 4

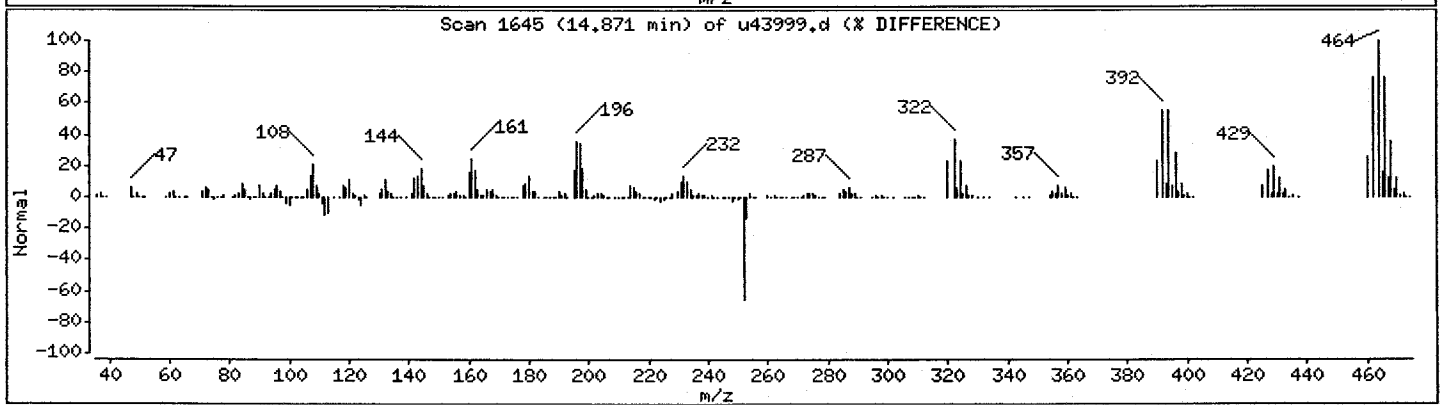
Column phase: DB-5 Column diameter: 0.25

65 Benzo(b)fluoranthene Concentration: 5600 ug/Kg









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Date : 09-APR-2008 16:25

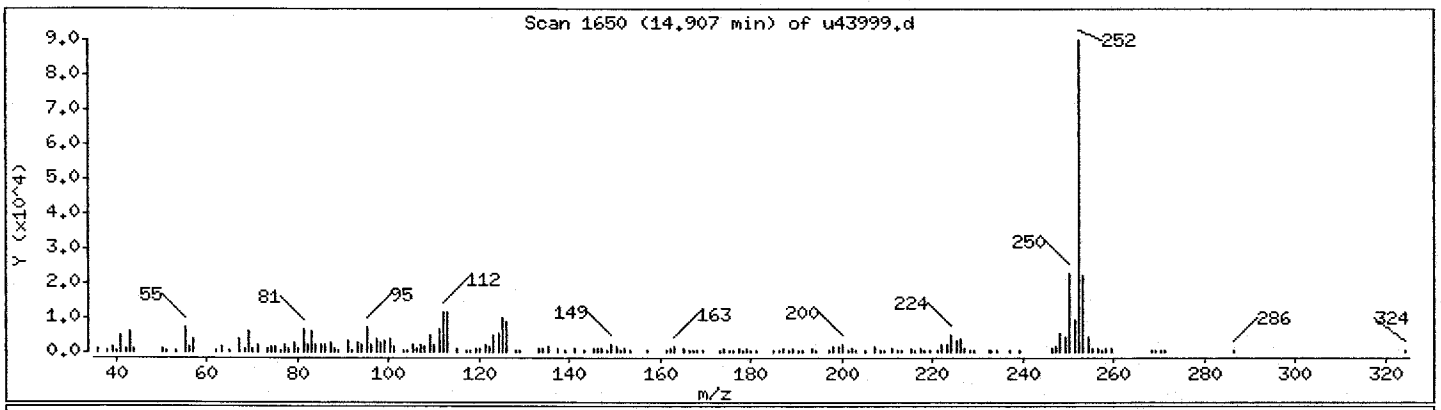
Client ID: 032608-1355 Instrument: BNAMS4.i

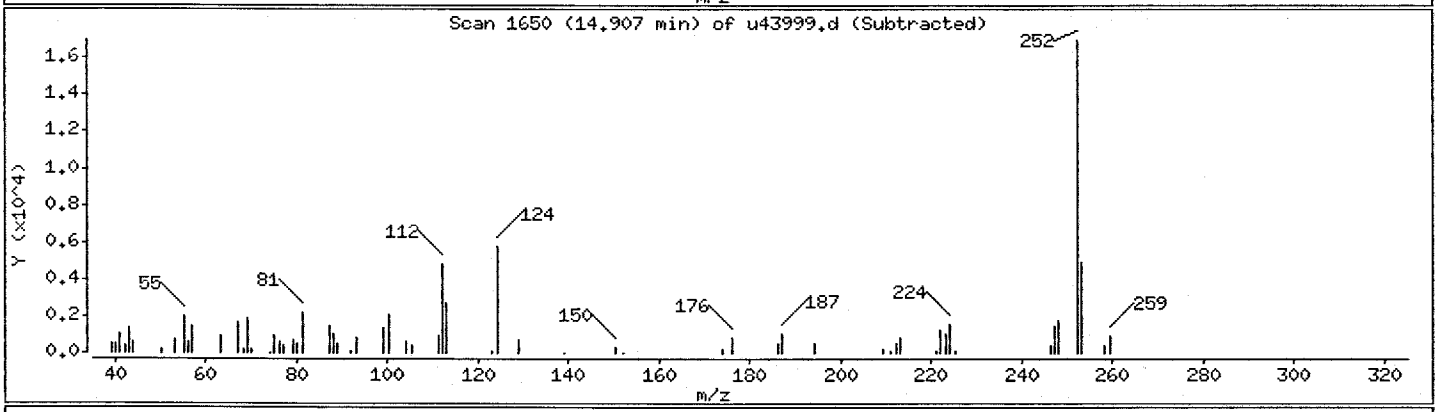
Sample Info: 908701;4225900

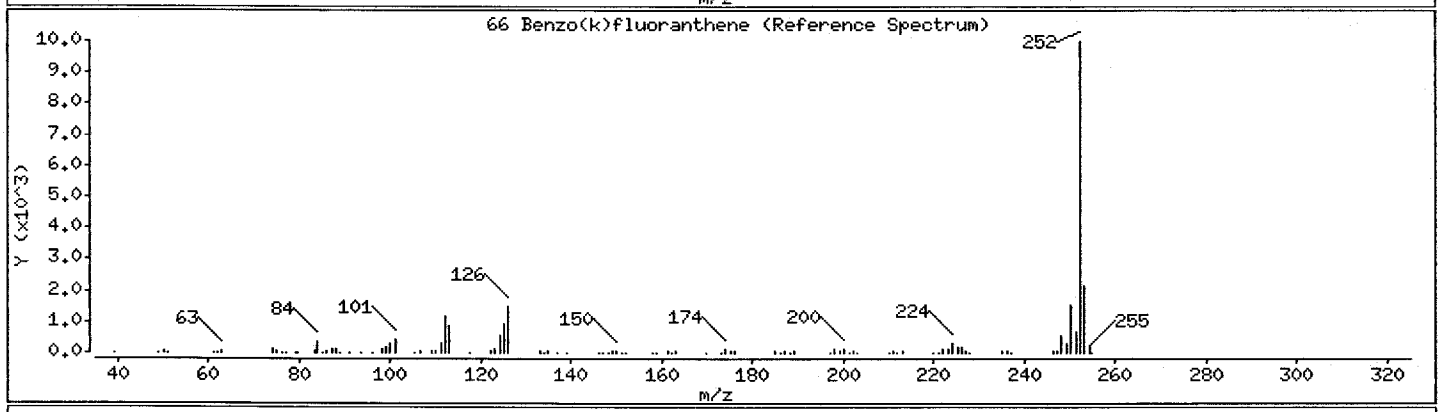
Operator: BNAMS 4

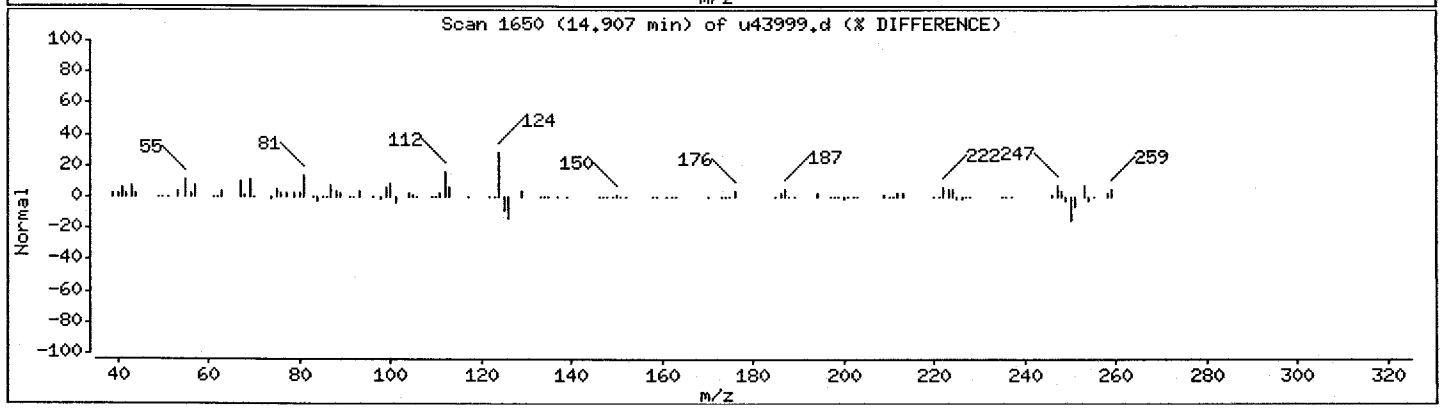
Column phase: DB-5 Column diameter: 0.25

66 Benzo(k)fluoranthene Concentration: 5400 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d

Date : 09-APR-2008 16:25

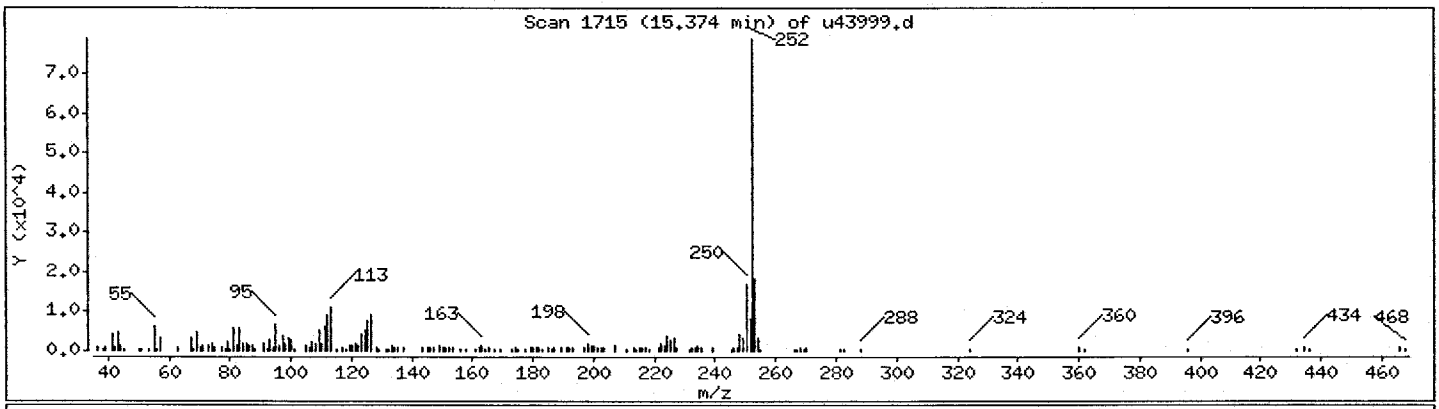
Client ID: 032608-1355 Instrument: BNAMS4.i

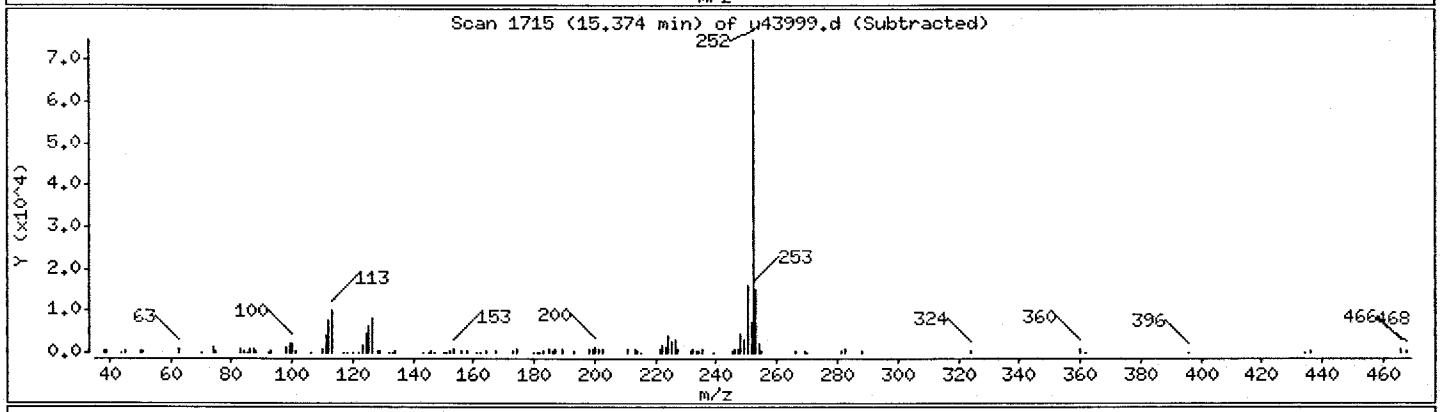
Sample Info: 908701;4225900

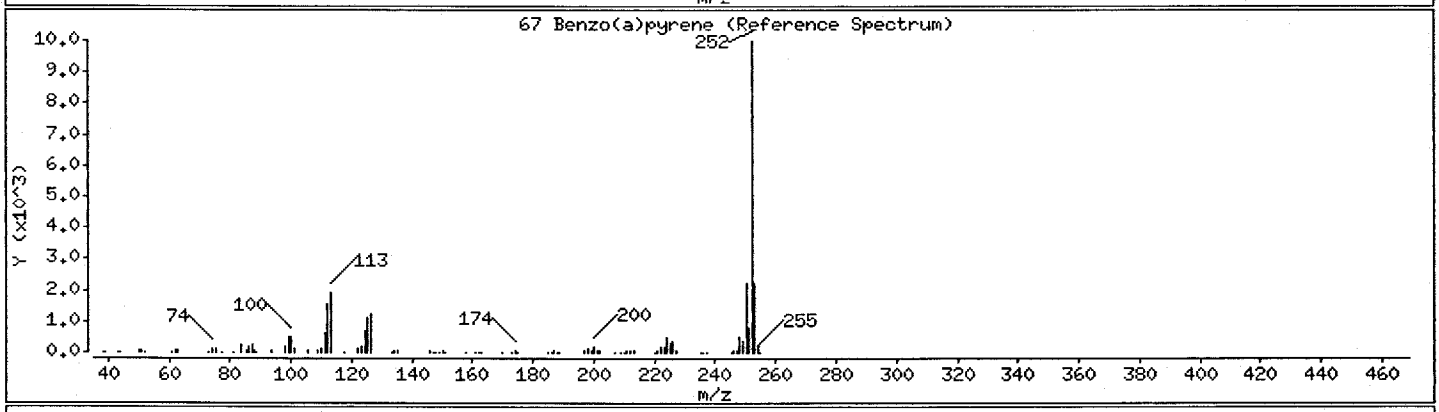
Operator: BNAMS 4

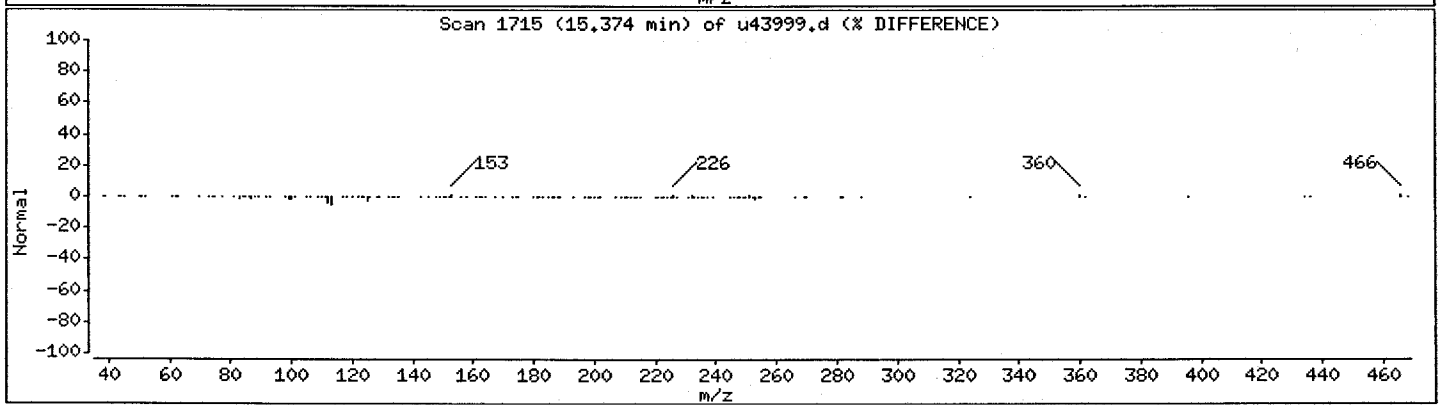
Column phase: DB-5 Column diameter: 0.25

67 Benzo(a)pyrene Concentration: 4700 ug/Kg









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Date : 09-APR-2008 16:25

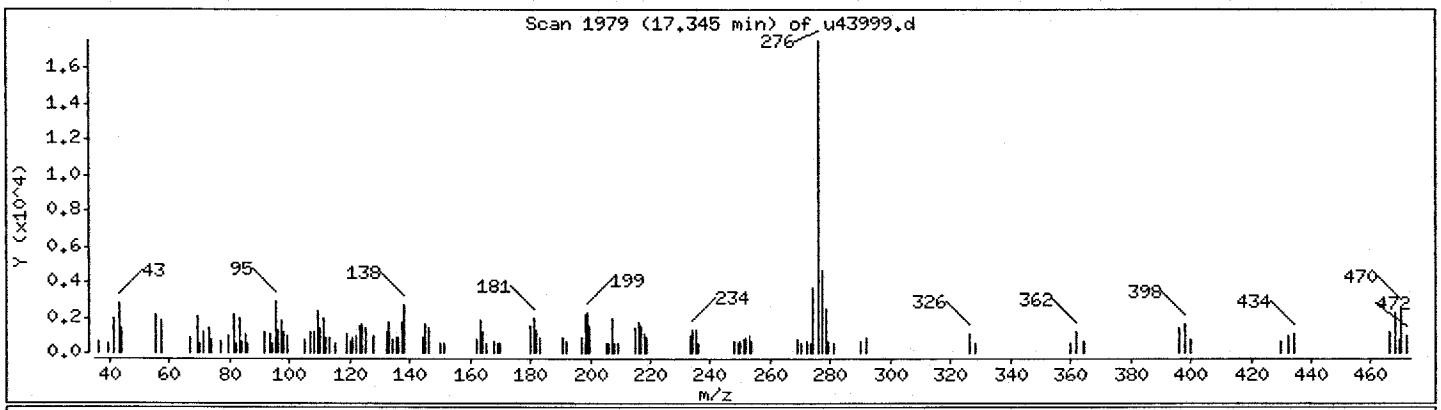
Client ID: 032608-1355 Instrument: BNAMS4.i

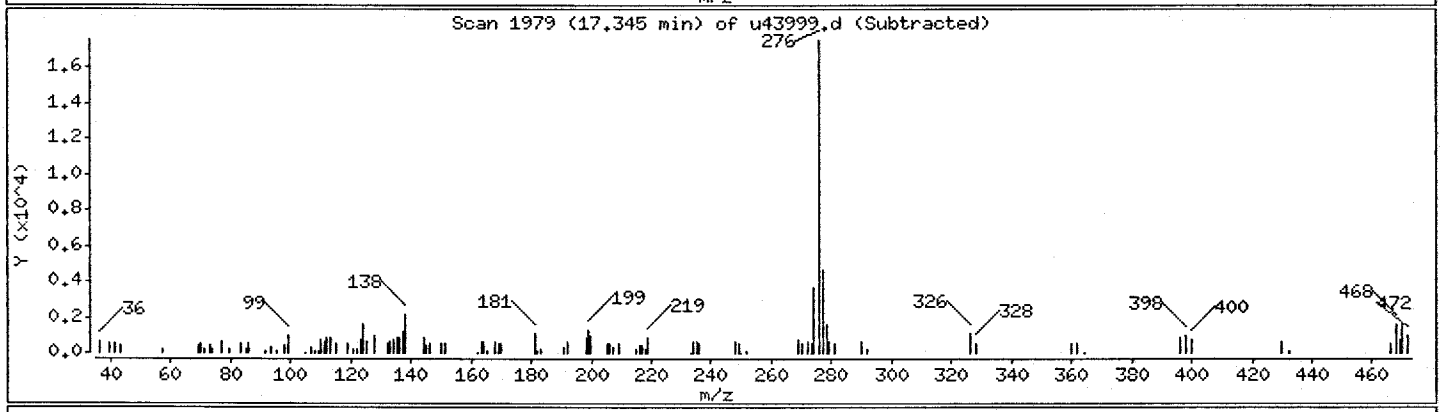
Sample Info: 908701;4225900

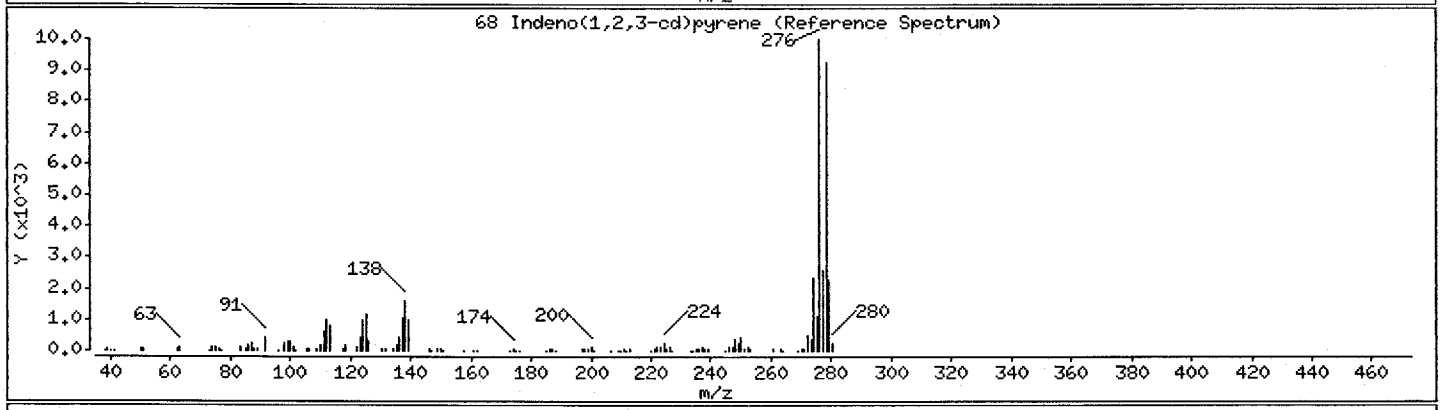
Operator: BNAMS 4

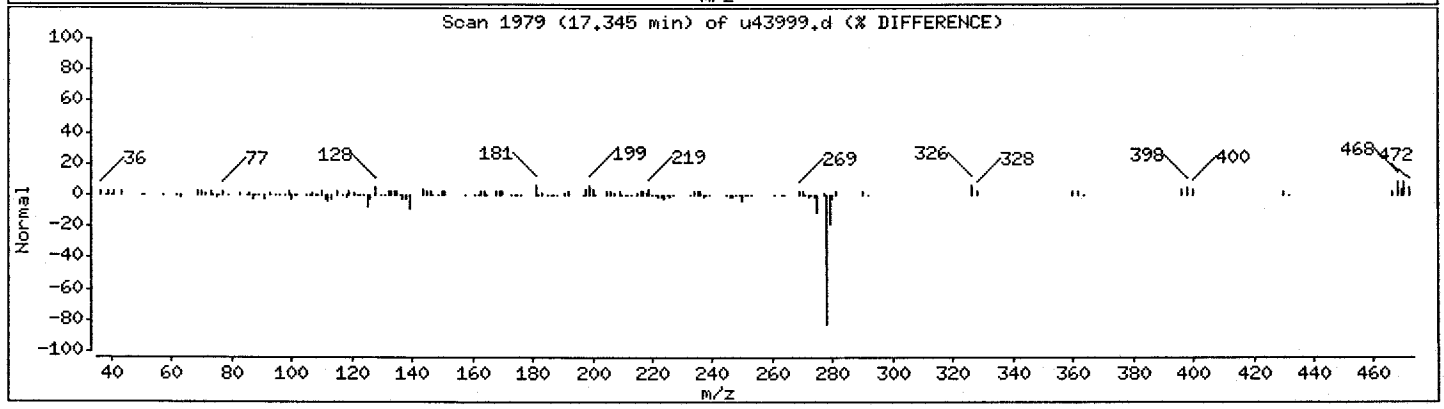
Column phase: DB-5 Column diameter: 0.25

68 Indeno(1,2,3-cd)pyrene Concentration: 1500 ug/Kg









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Date : 09-APR-2008 16:25

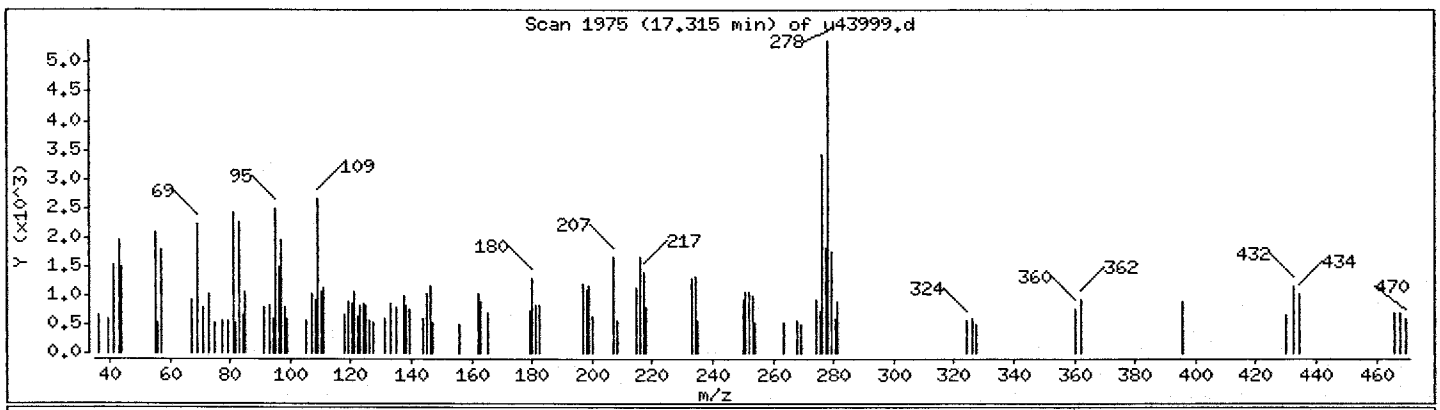
Client ID: 032608-1355 Instrument: BNAMS4.i

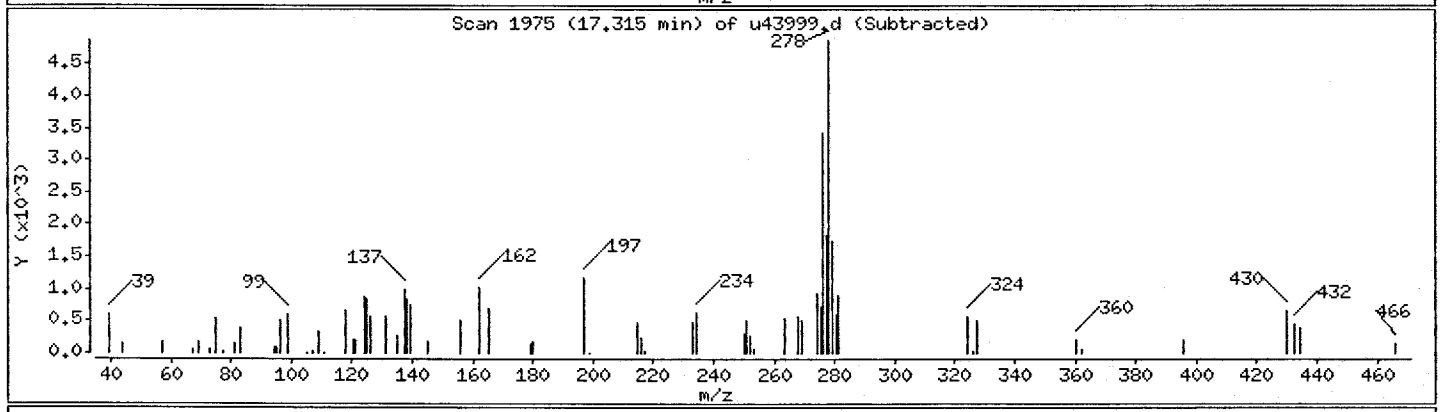
Sample Info: 908701;4225900

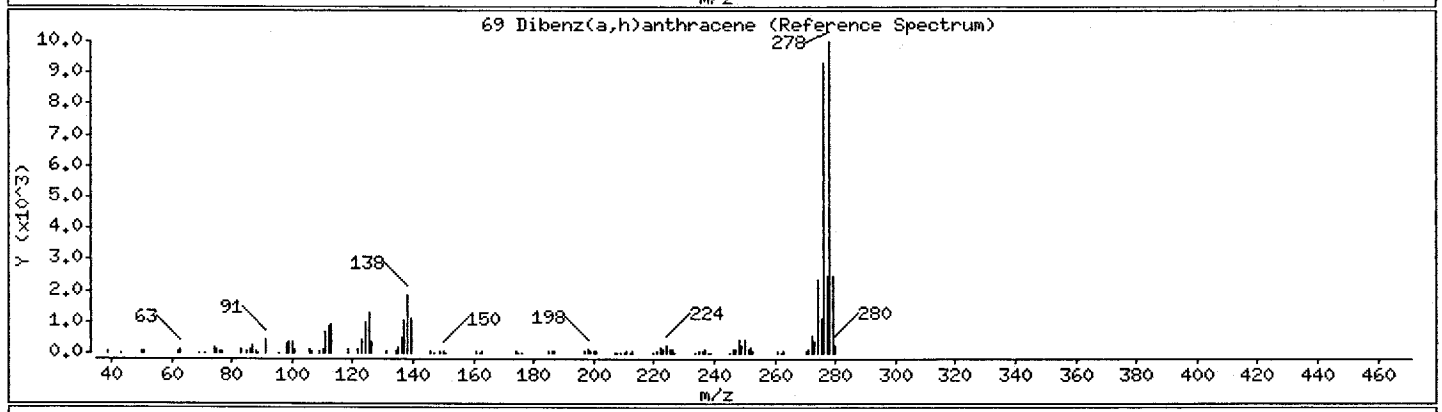
Operator: BNAMS 4

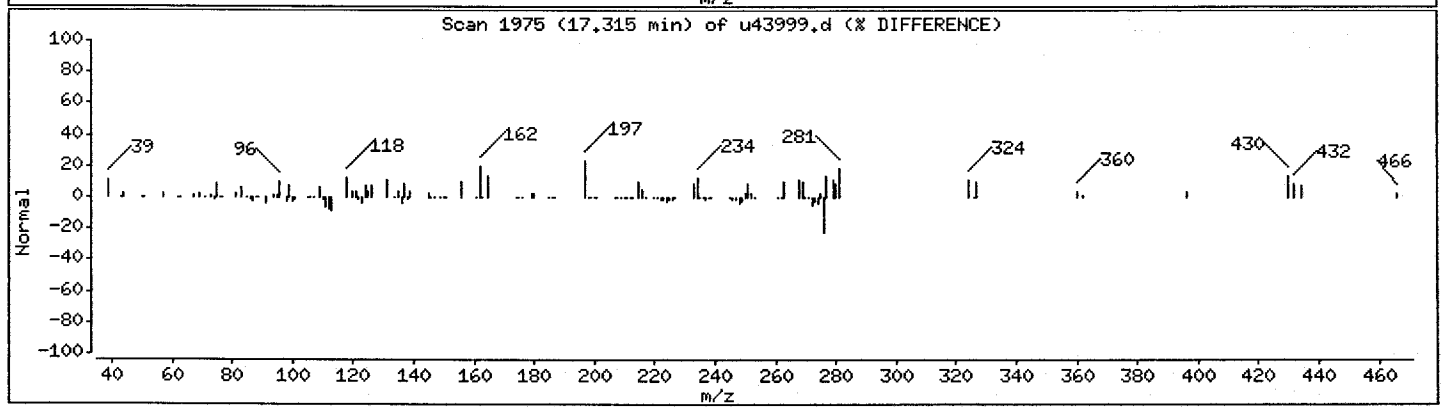
Column phase: DB-5 Column diameter: 0.25

69 Dibenz(a,h)anthracene Concentration: 630 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d

Date : 09-APR-2008 16:25

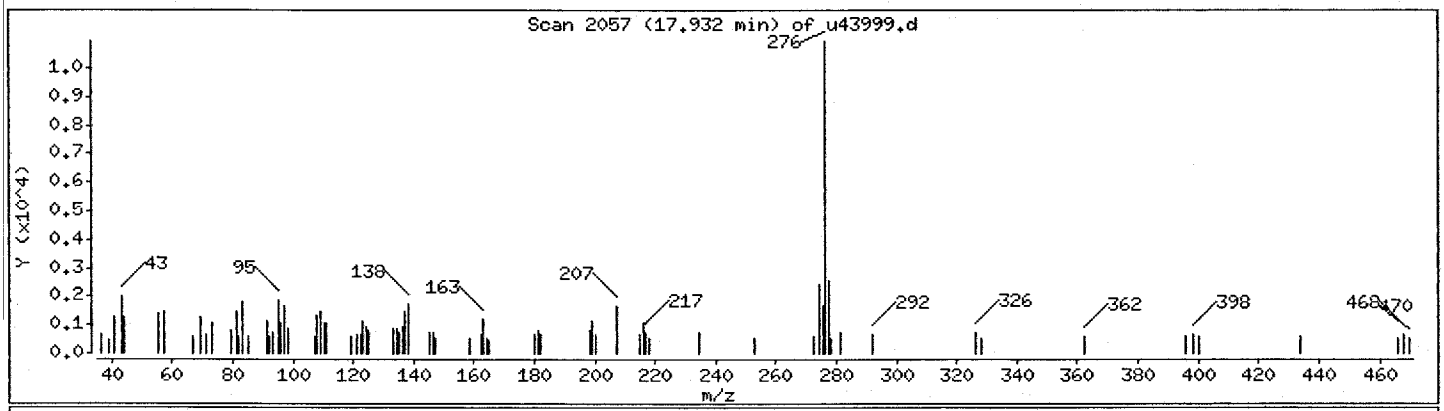
Client ID: 032608-1355 Instrument: BNAMS4.i

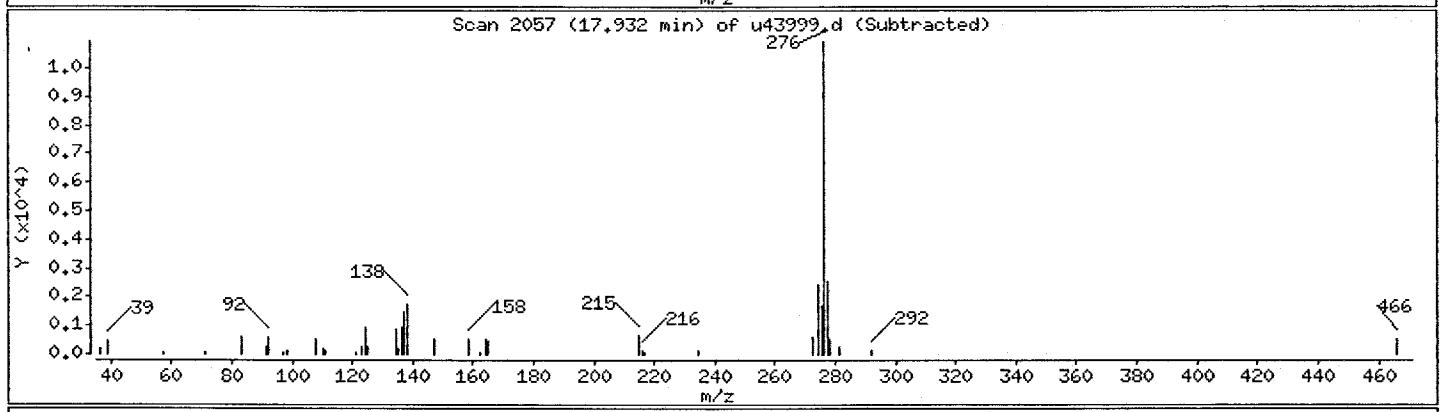
Sample Info: 908701;4225900

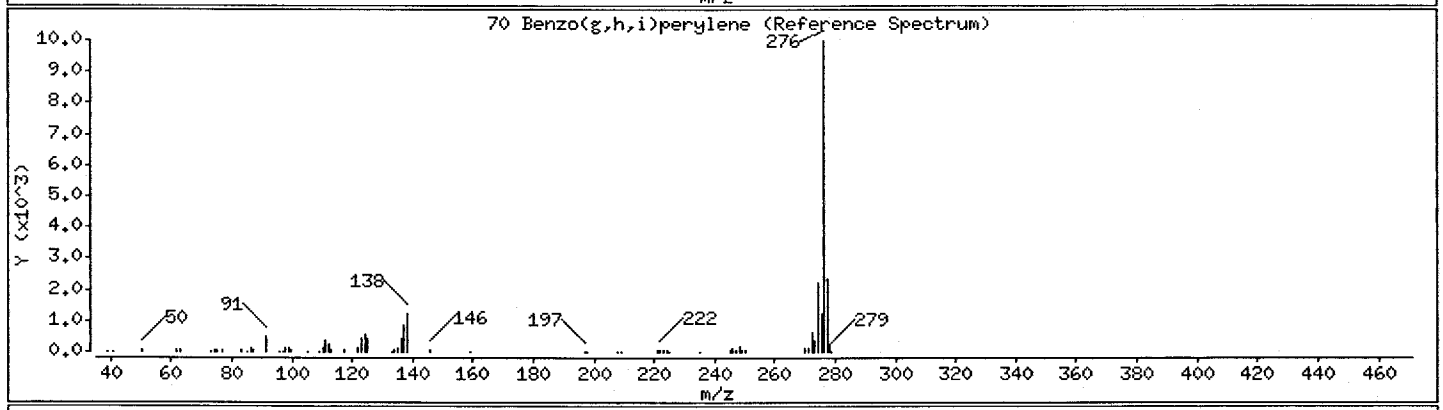
Operator: BNAMS 4

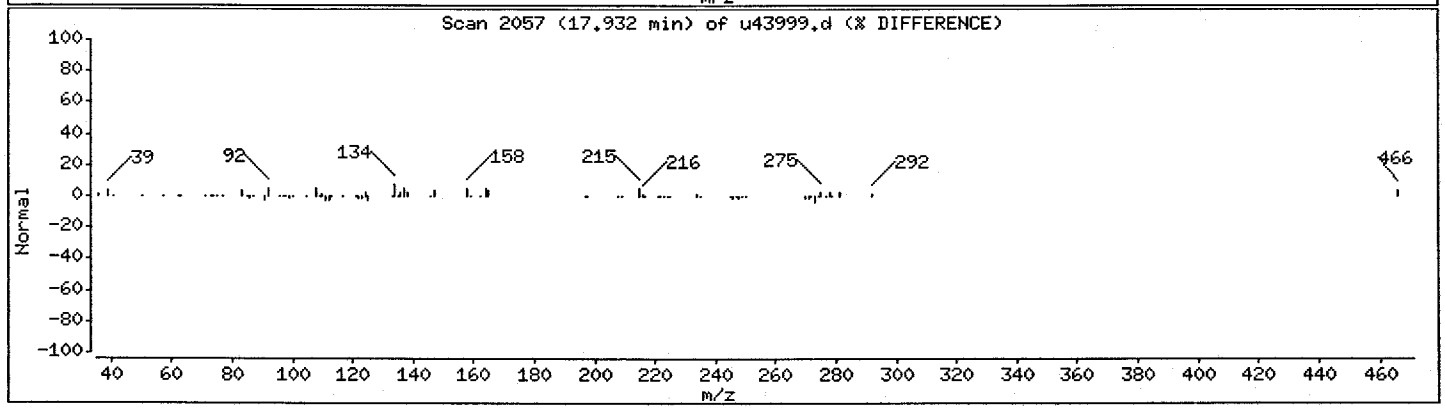
Column phase: DB-5 Column diameter: 0.25

70 Benzo(g,h,i)perylene Concentration: 1300 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d

Date : 09-APR-2008 16:25

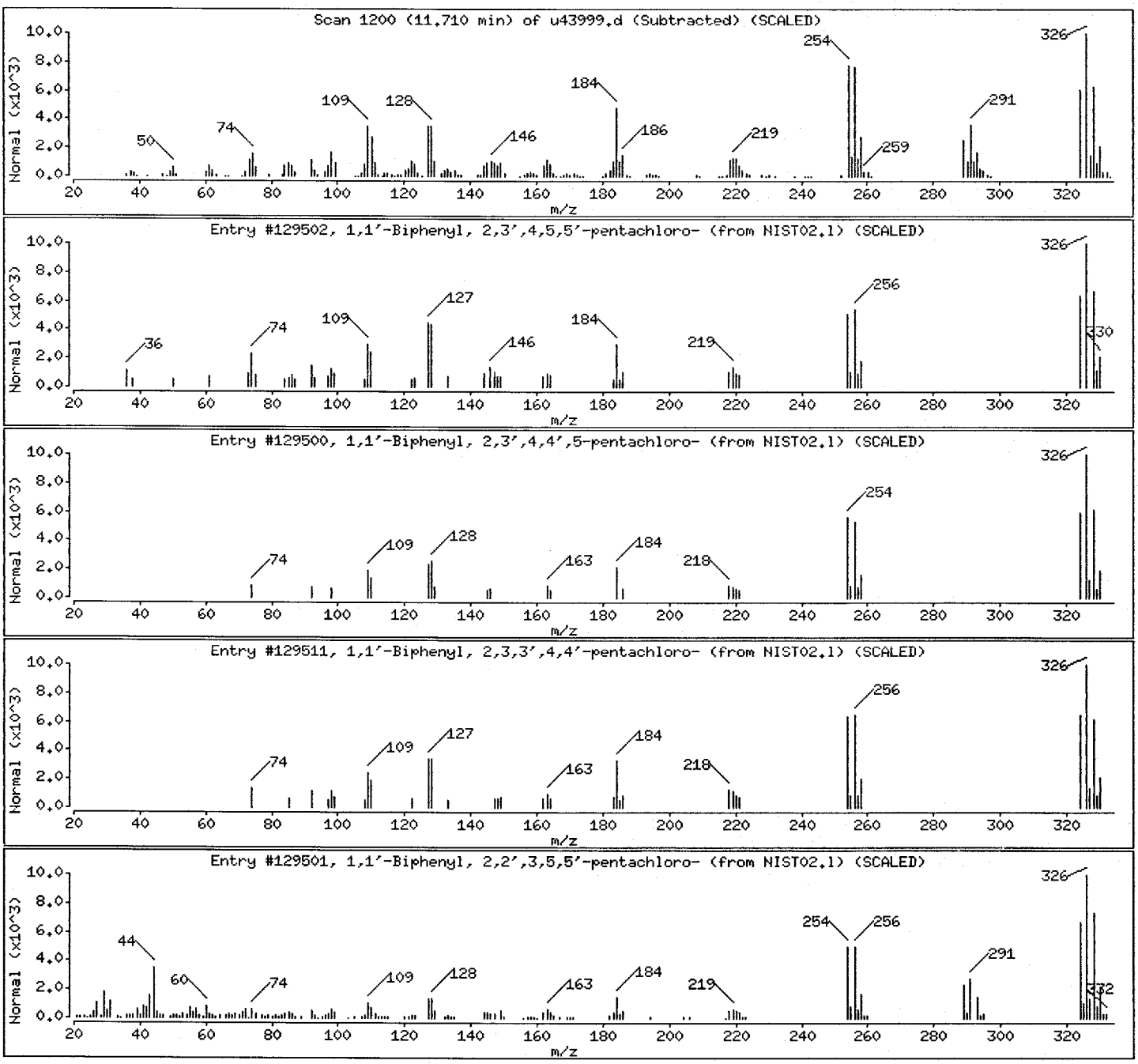
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3',4,5,5'-pentachloro-	68194-12-7	NIST02.l	129502	99	C12H5Cl5	324
1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	31508-00-6	NIST02.l	129500	99	C12H5Cl5	324
1,1'-Biphenyl, 2,3,3',4,4'-pentachloro-	32598-14-4	NIST02.l	129511	99	C12H5Cl5	324
1,1'-Biphenyl, 2,2',3,5,5'-pentachloro-	52663-61-3	NIST02.l	129501	98	C12H5Cl5	324



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d

Date : 09-APR-2008 16:25

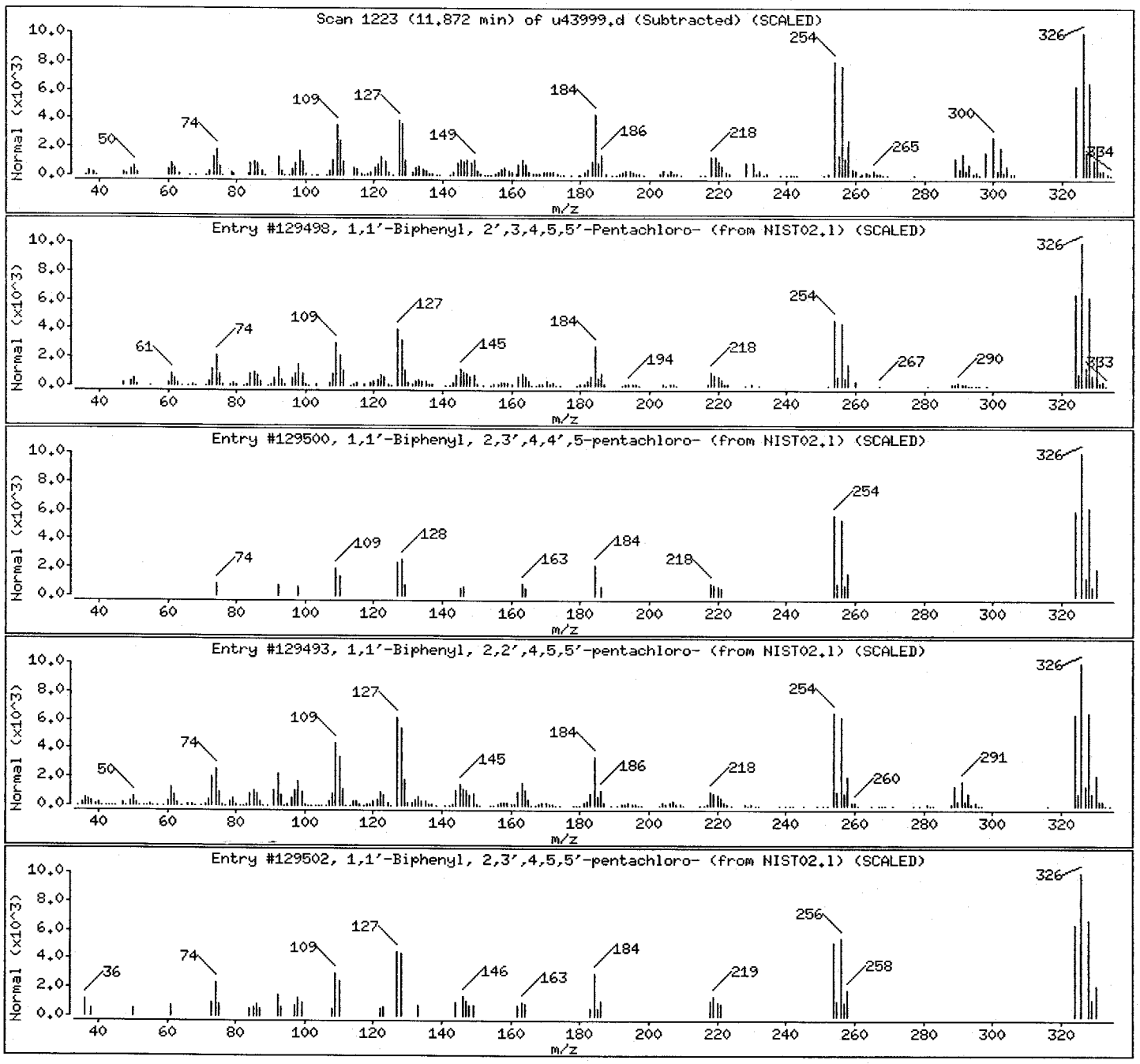
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2',3,4,5,5'-Pentachloro-	70424-70-3	NIST02.l	129498	99	C12H5Cl5	324
1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	31508-00-6	NIST02.l	129500	99	C12H5Cl5	324
1,1'-Biphenyl, 2,2',4,5,5'-pentachloro-	37680-73-2	NIST02.l	129493	99	C12H5Cl5	324
1,1'-Biphenyl, 2,3',4,5,5'-pentachloro-	68194-12-7	NIST02.l	129502	98	C12H5Cl5	324



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43999.d

Date : 09-APR-2008 16:25

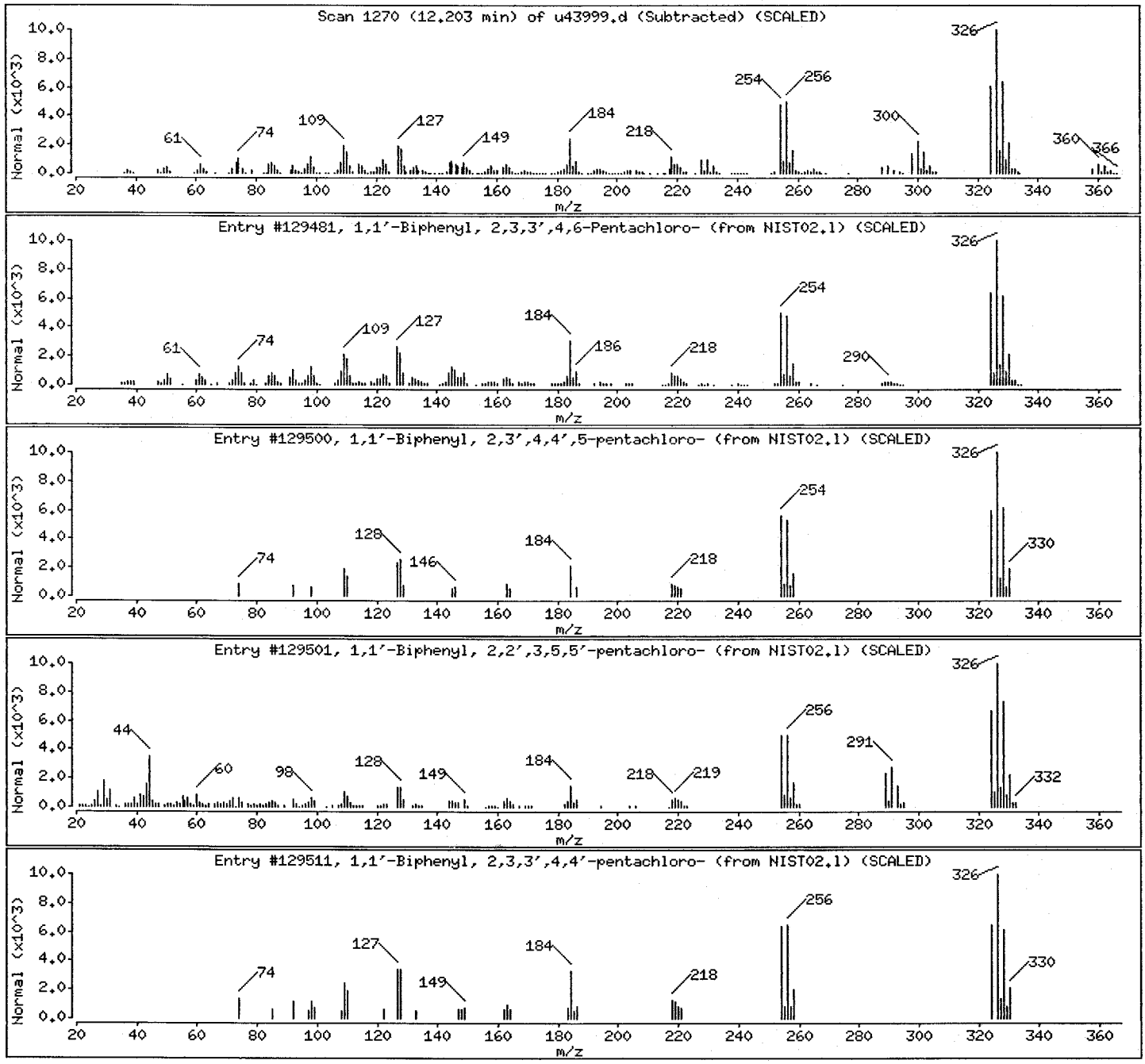
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,6-Pentachloro-	74472-35-8	NIST02.l	129481	99	C12H5Cl5	324
1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	31508-00-6	NIST02.l	129500	99	C12H5Cl5	324
1,1'-Biphenyl, 2,2',3,5,5'-pentachloro-	52663-61-3	NIST02.l	129501	99	C12H5Cl5	324
1,1'-Biphenyl, 2,3,3',4,4'-pentachloro-	32598-14-4	NIST02.l	129511	98	C12H5Cl5	324



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Date : 09-APR-2008 16:25

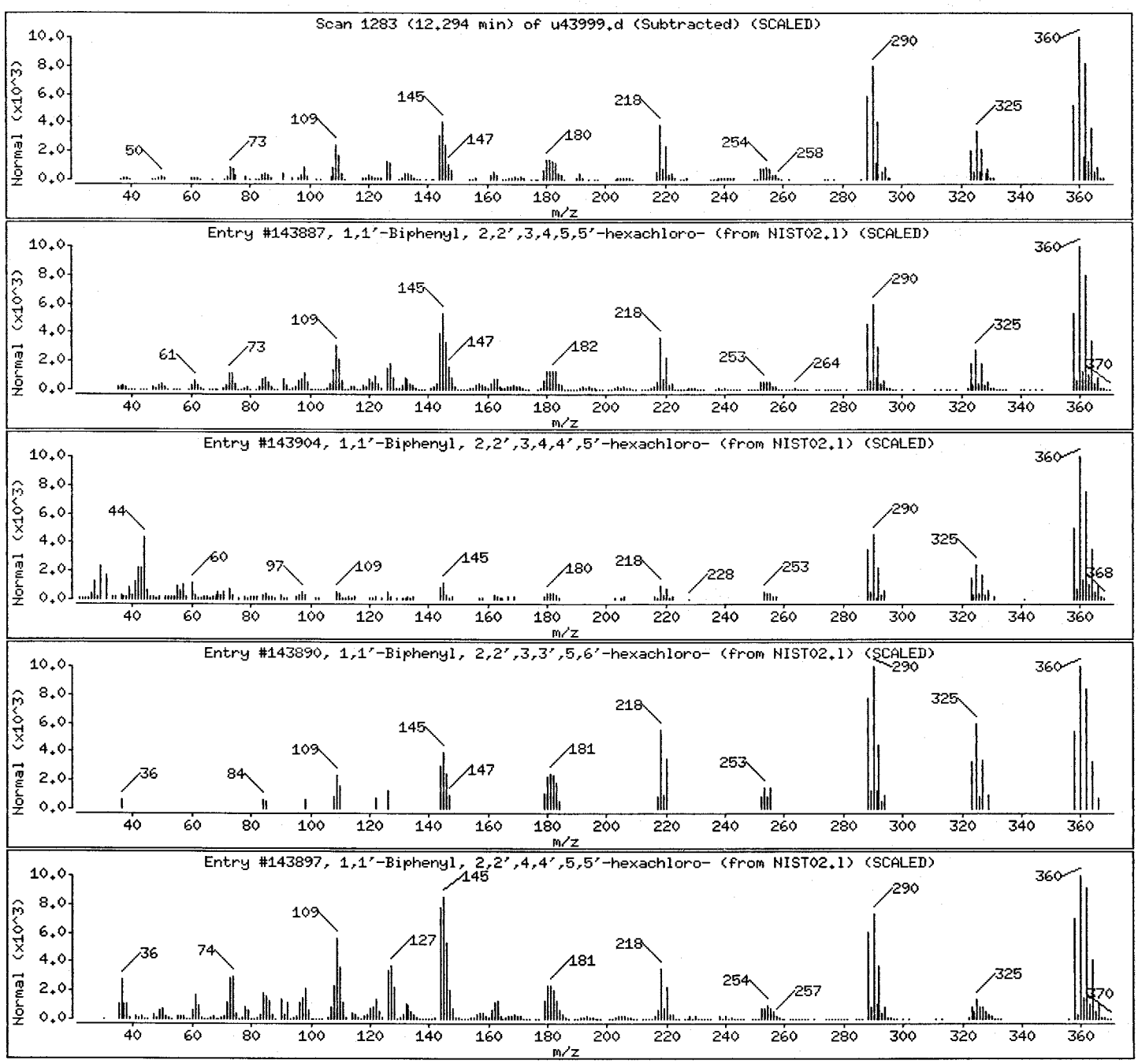
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,5,5'-hexachloro-	52712-04-6	NIST02.l	143887	99	C12H4C16	358
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	99	C12H4C16	358
1,1'-Biphenyl, 2,2',3,3',5,6'-hexachloro	52744-13-5	NIST02.l	143890	98	C12H4C16	358
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	35065-27-1	NIST02.l	143897	98	C12H4C16	358



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Date : 09-APR-2008 16:25

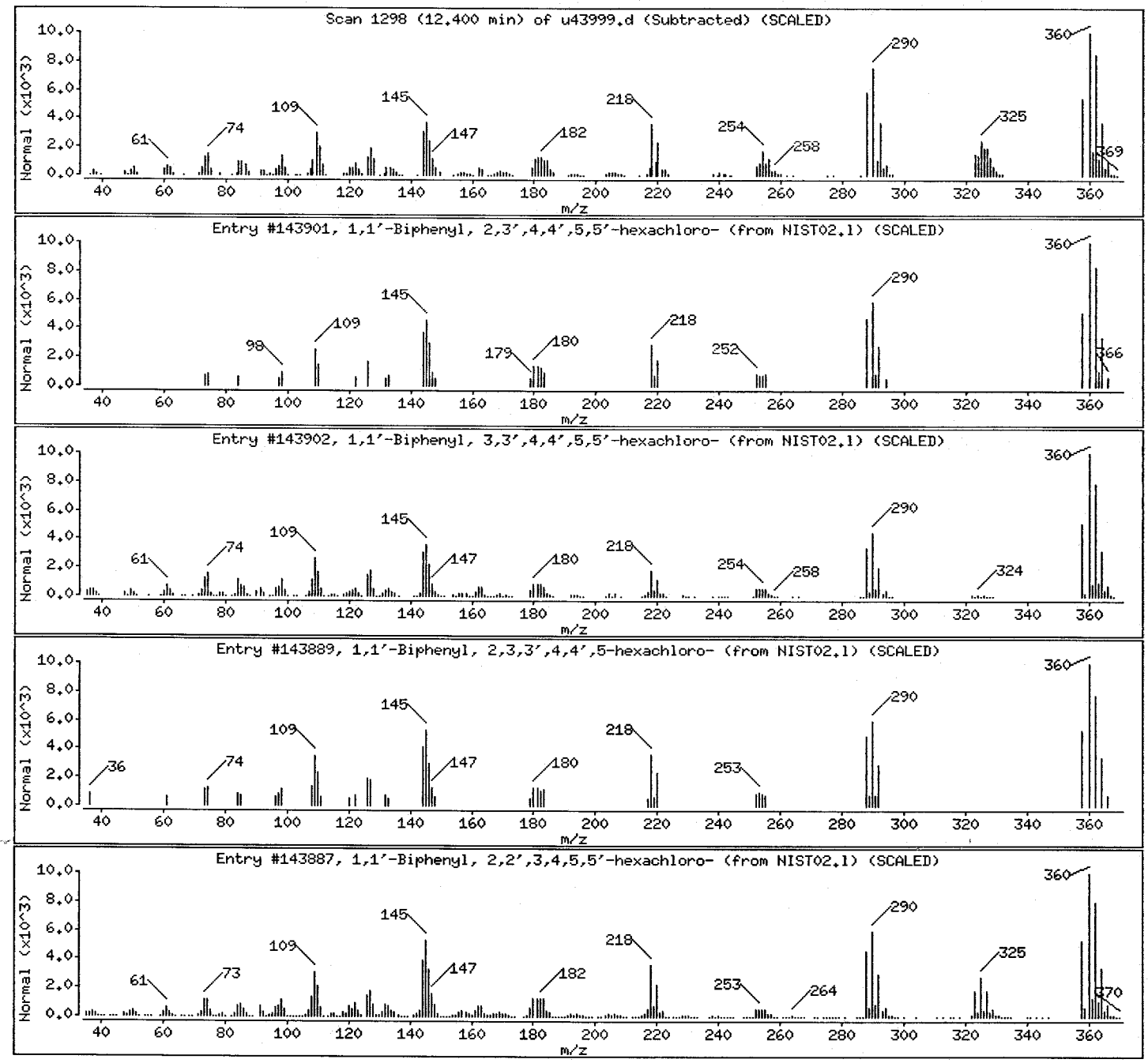
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3',4,4',5,5'-hexachloro	52663-72-6	NIST02.l	143901	99	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	99	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143889	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,5,5'-hexachloro-	52712-04-6	NIST02.l	143887	99	C12H4Cl6	358



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Date : 09-APR-2008 16:25

Client ID: 032608-1355

Instrument: BNAMS4.i

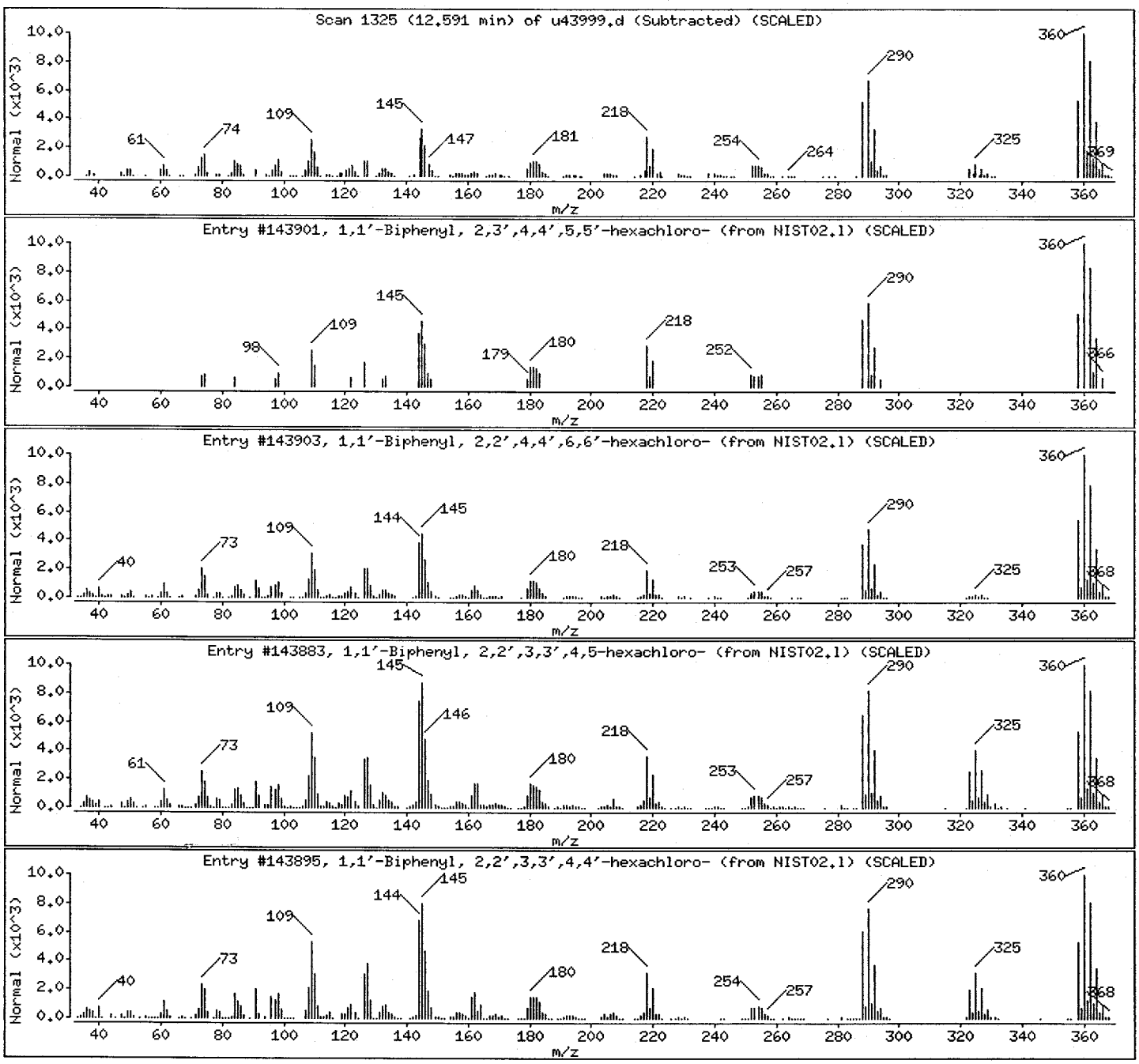
Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3',4,4',5,5'-hexachloro	52663-72-6	NIST02.l	143901	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	33979-03-2	NIST02.l	143903	97	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,5-hexachloro-	55215-18-4	NIST02.l	143883	95	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,4'-hexachloro	38380-07-3	NIST02.l	143895	95	C12H4Cl6	358



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Date : 09-APR-2008 16:25

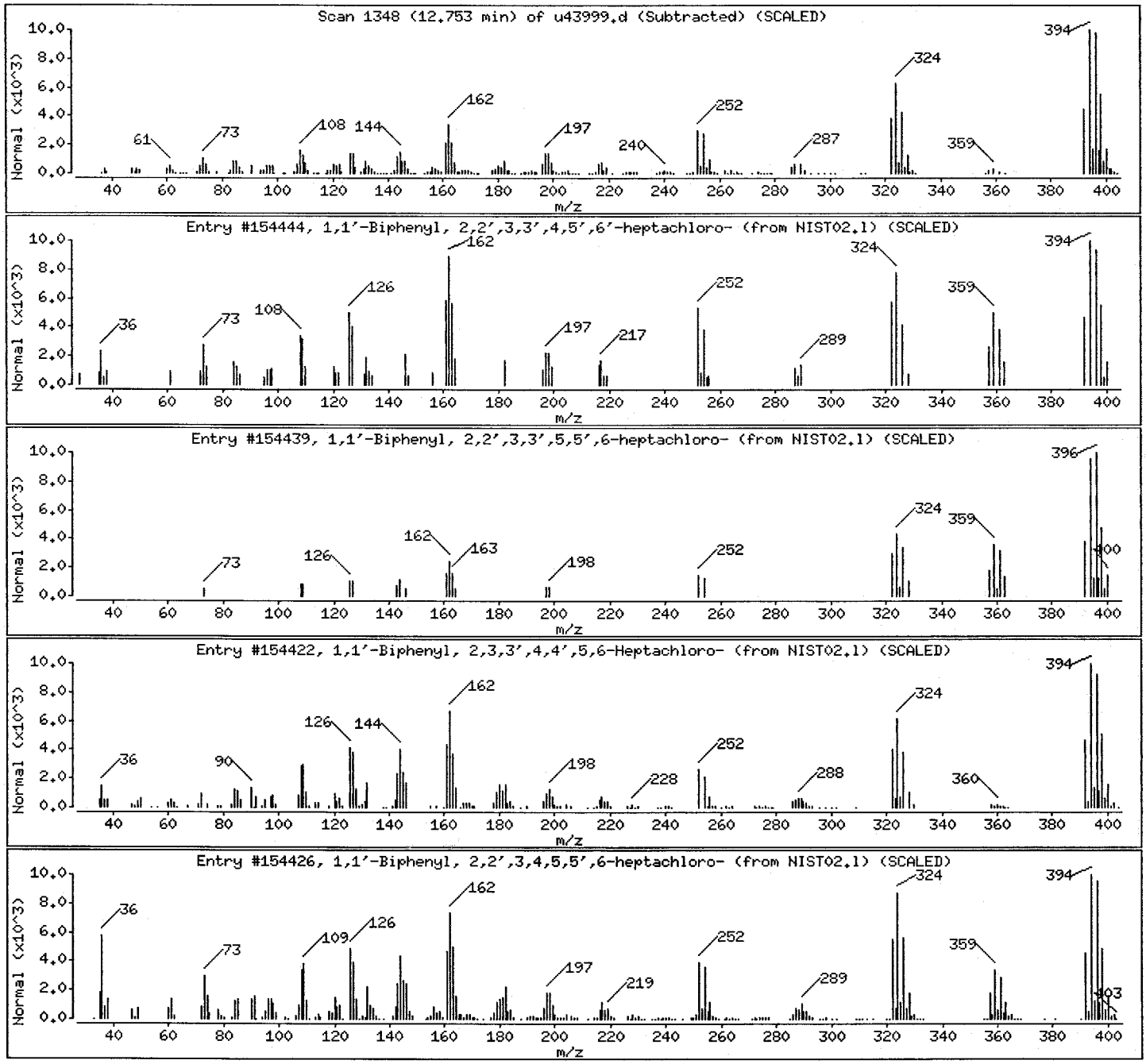
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5',6'-heptach	52663-70-4	NIST02.l	154444	97	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	97	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4,4',5,6-Heptachlo	41411-64-7	NIST02.l	154422	97	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,5,5',6-heptachlo	52712-05-7	NIST02.l	154426	96	C12H3Cl7	392



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Date : 09-APR-2008 16:25

Client ID: 032608-1355

Instrument: BNAMS4.i

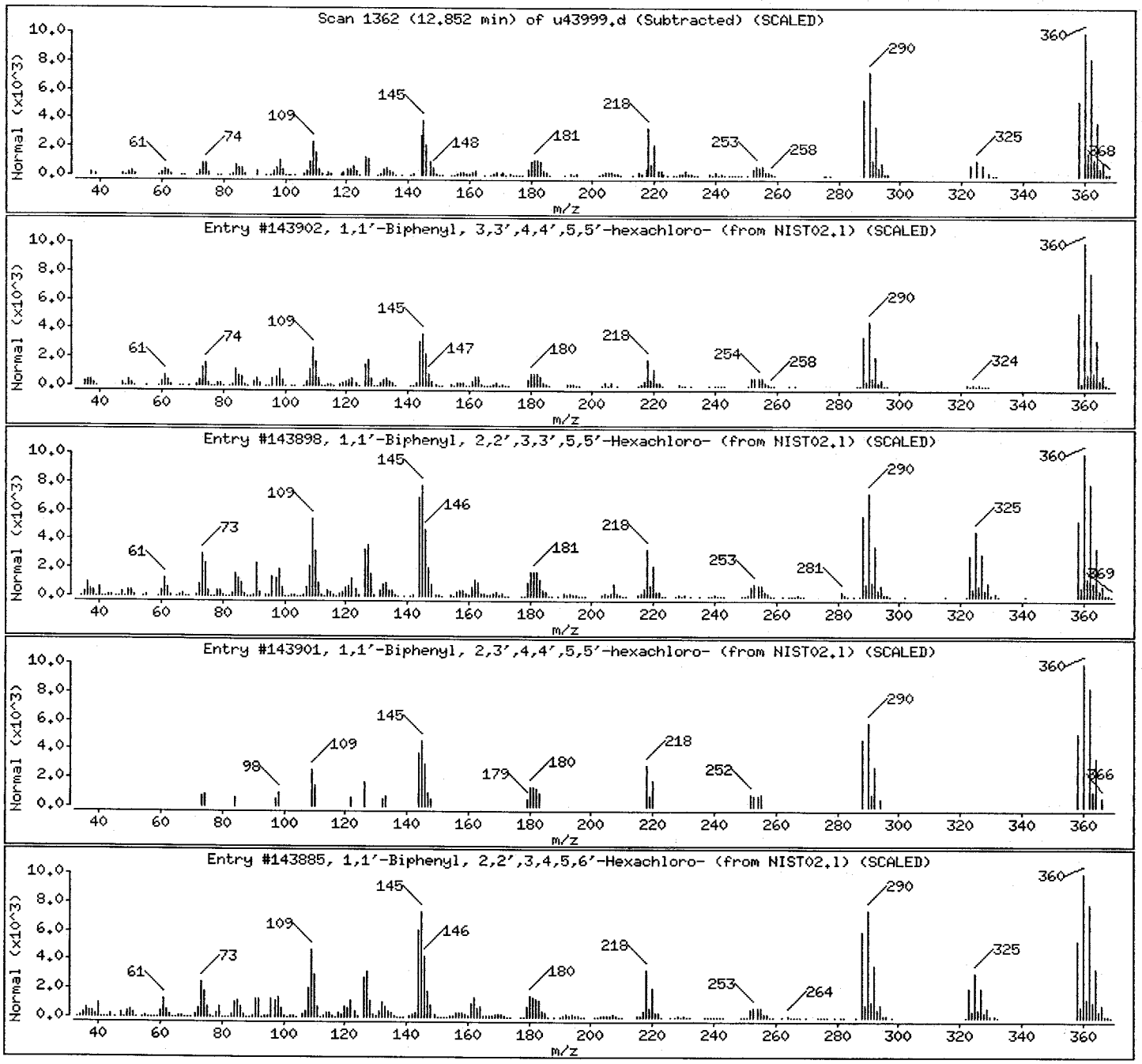
Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	95	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',5,5'-Hexachloro	35694-04-3	NIST02.l	143898	94	C12H4Cl6	358
1,1'-Biphenyl, 2,3',4,4',5,5'-hexachloro	52663-72-6	NIST02.l	143901	94	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,5,6'-Hexachloro-	68194-15-0	NIST02.l	143885	94	C12H4Cl6	358



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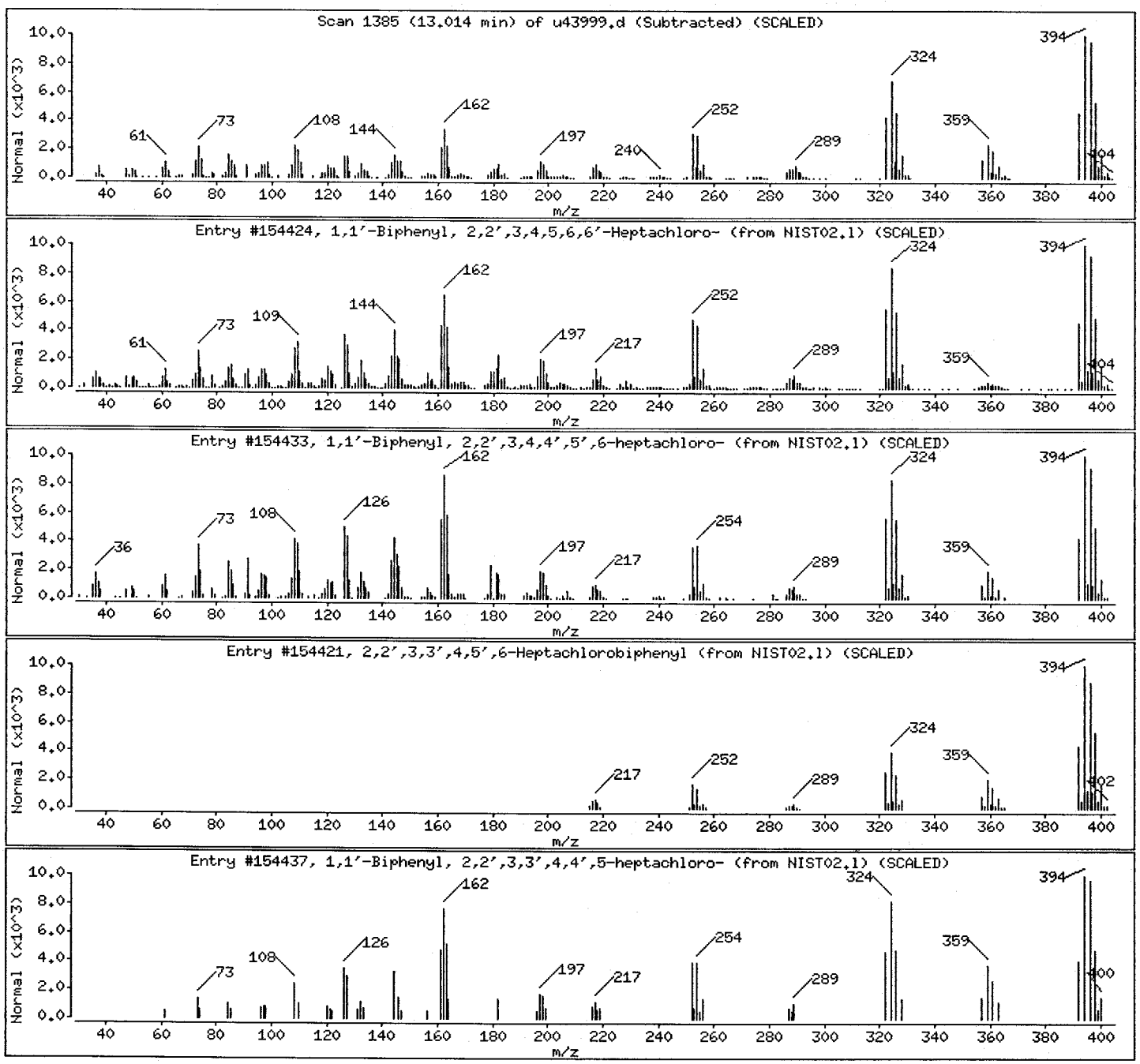
Date : 09-APR-2008 16:25

Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,5,6,6'-Heptachlo	74472-49-4	NIST02.l	154424	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5',6-heptachl	52663-69-1	NIST02.l	154433	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,4',5-heptachl	35065-30-6	NIST02.l	154437	96	C12H3Cl7	392



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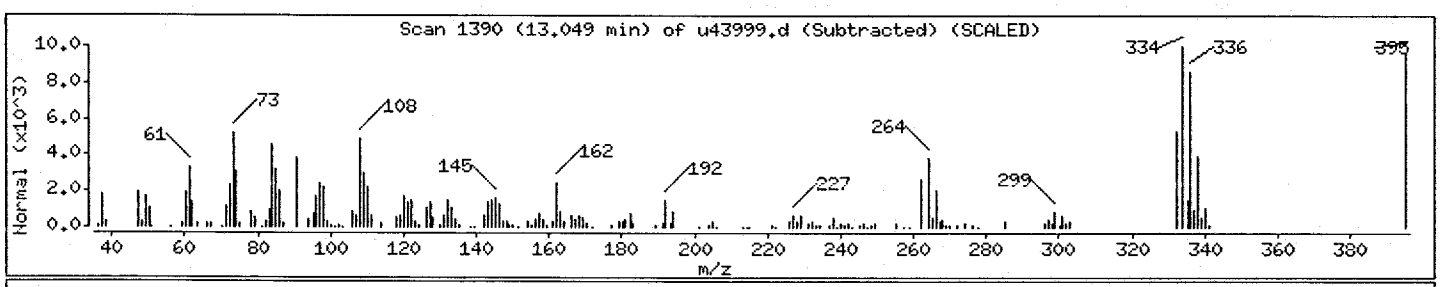
Date : 09-APR-2008 16:25

Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 09-APR-2008 16:25

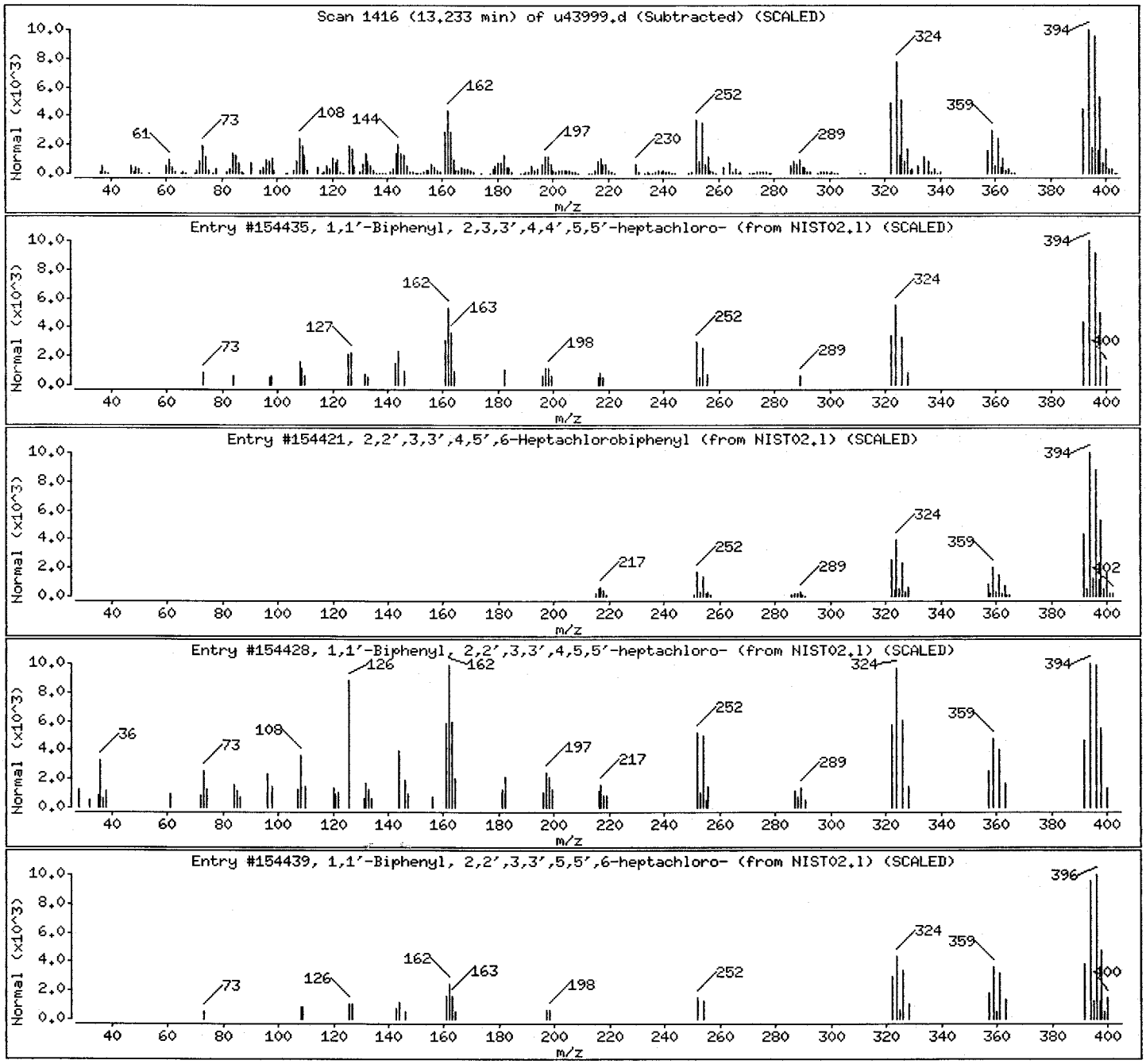
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,5,5'-heptachl	52663-74-8	NIST02.l	154428	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	97	C12H3Cl7	392



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Date : 09-APR-2008 16:25

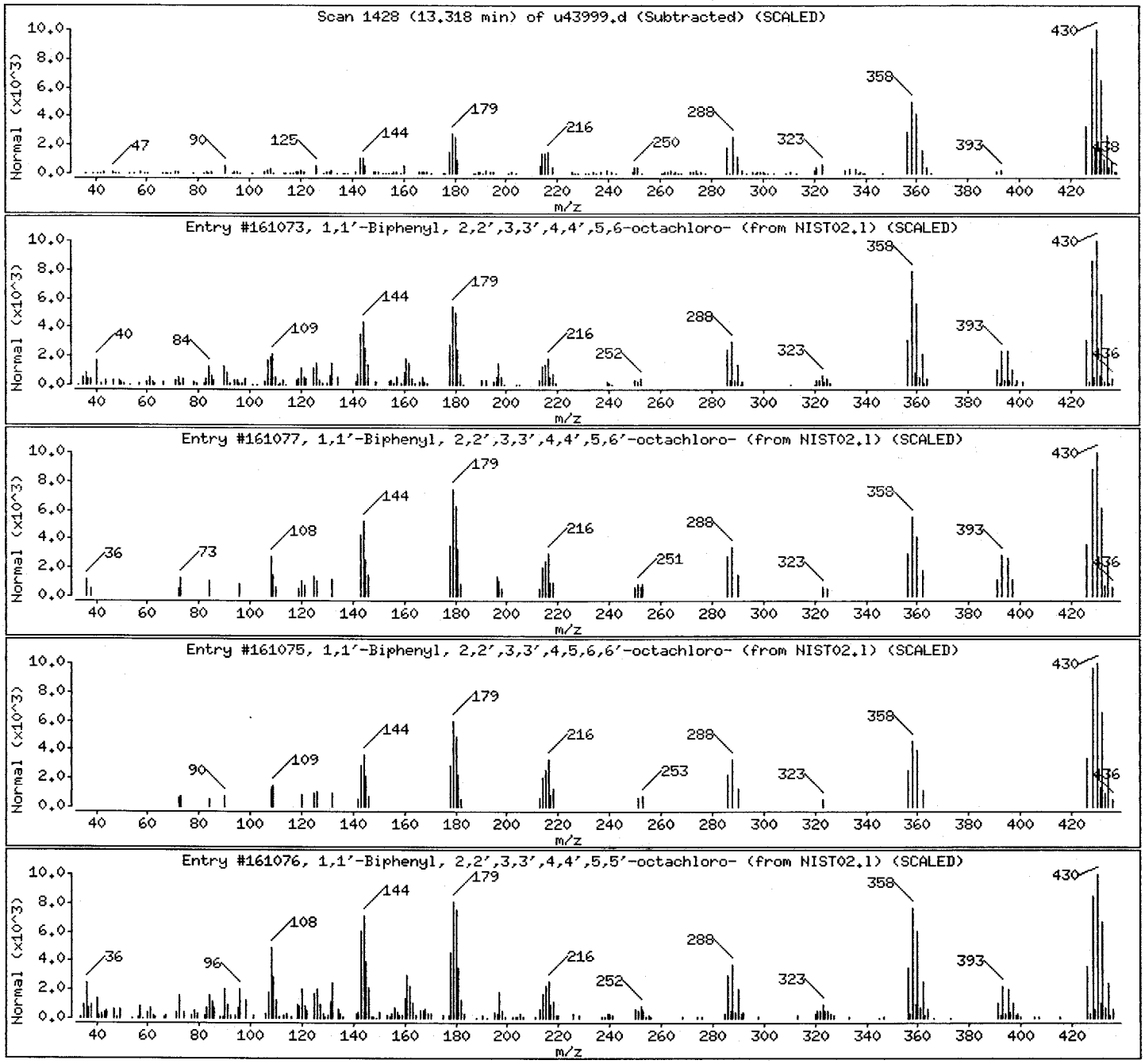
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	96	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	91	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	91	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161076	89	C12H2C18	426



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Date : 09-APR-2008 16:25

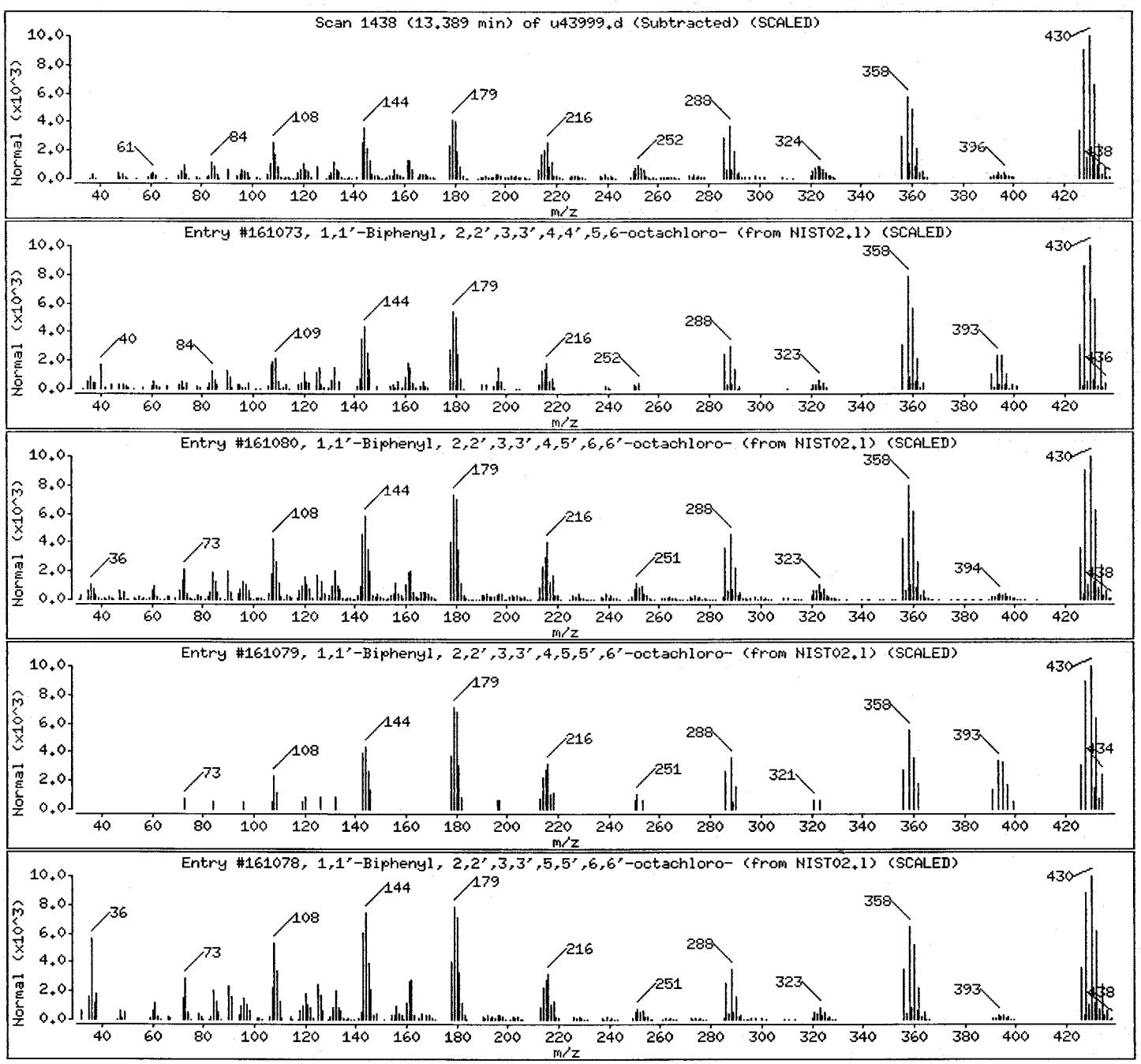
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	96	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	91	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	91	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	91	C12H2C18	426



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Date : 09-APR-2008 16:25

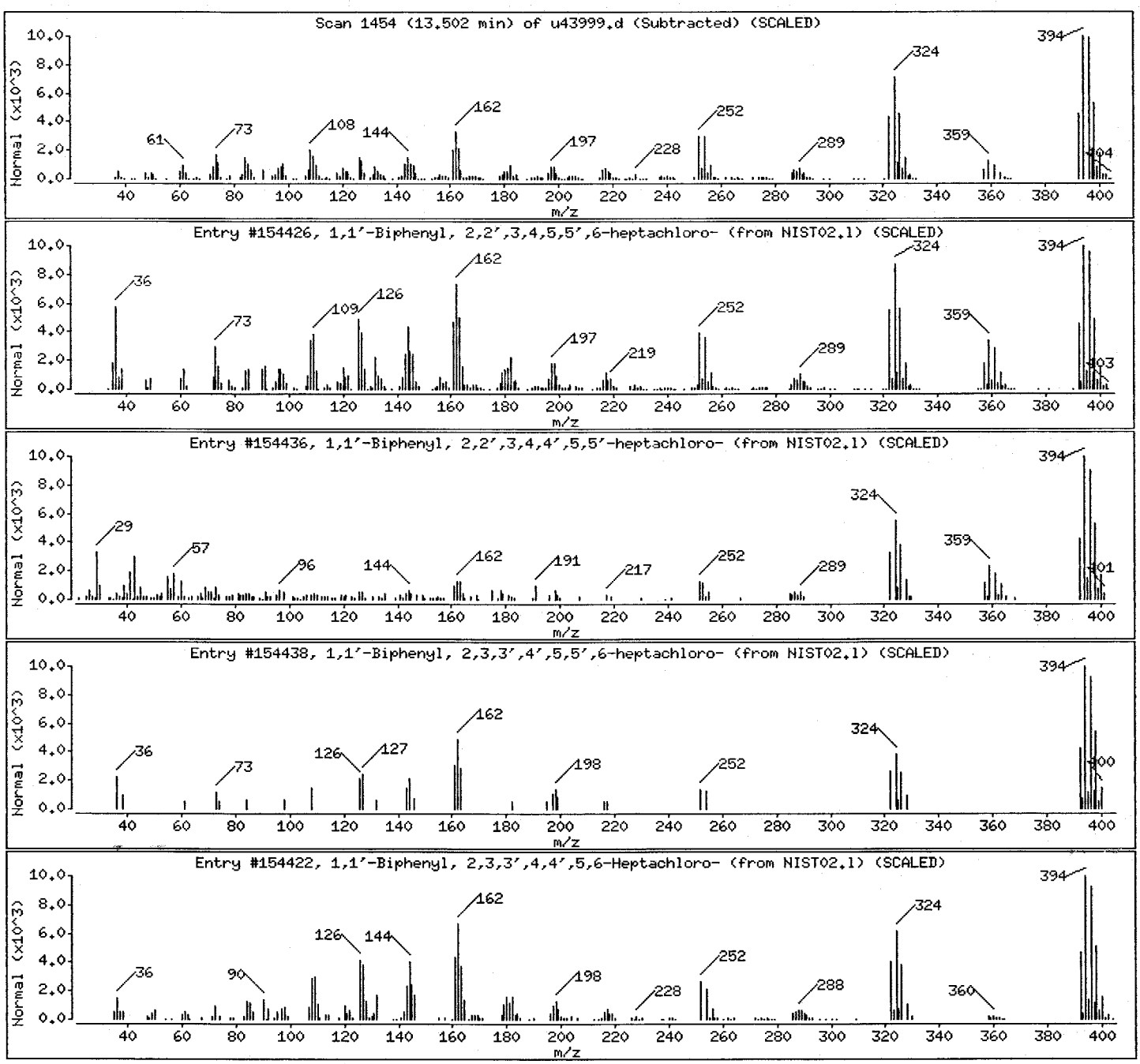
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,5,5',6-heptachlo	52712-05-7	NIST02.l	154426	95	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,5'-heptachl	35065-29-3	NIST02.l	154436	95	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	94	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4,4',5,6-Heptachlo	41411-64-7	NIST02.l	154422	94	C12H3Cl7	392



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Date : 09-APR-2008 16:25

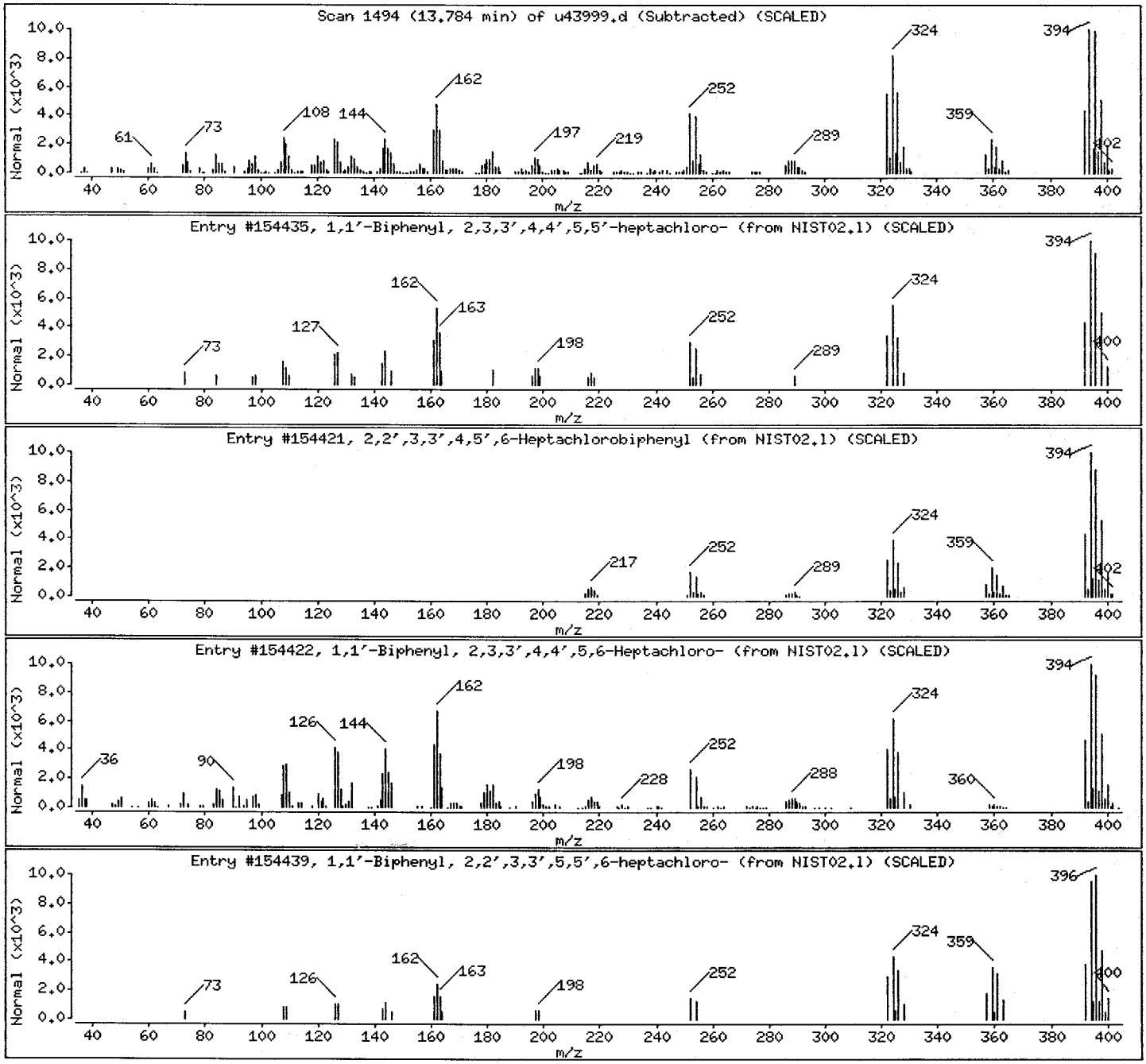
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4,4',5,6-Heptachlo	41411-64-7	NIST02.l	154422	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	95	C12H3Cl7	392



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Date : 09-APR-2008 16:25

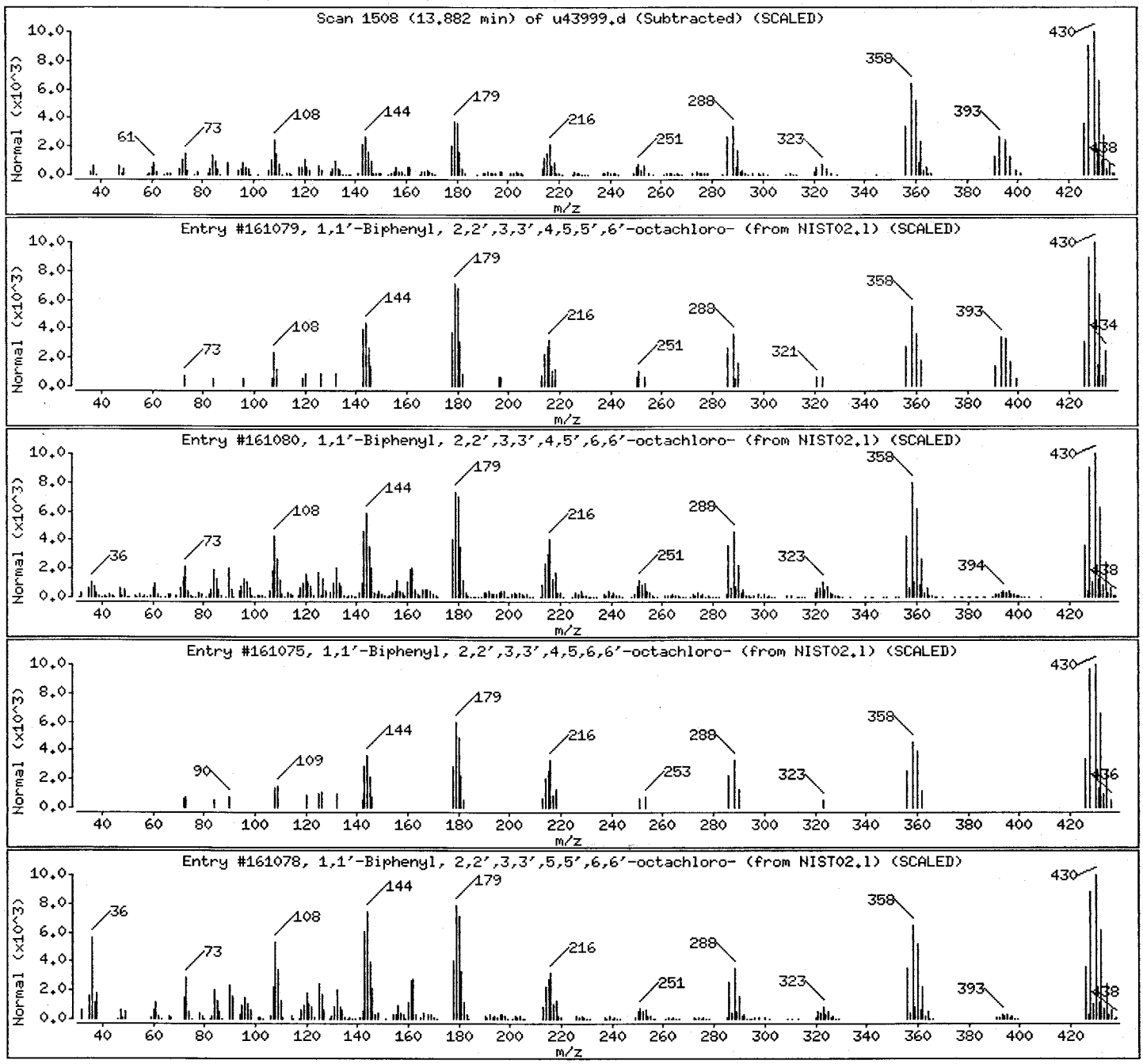
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	98	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	87	C12H2Cl8	426



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Date : 09-APR-2008 16:25

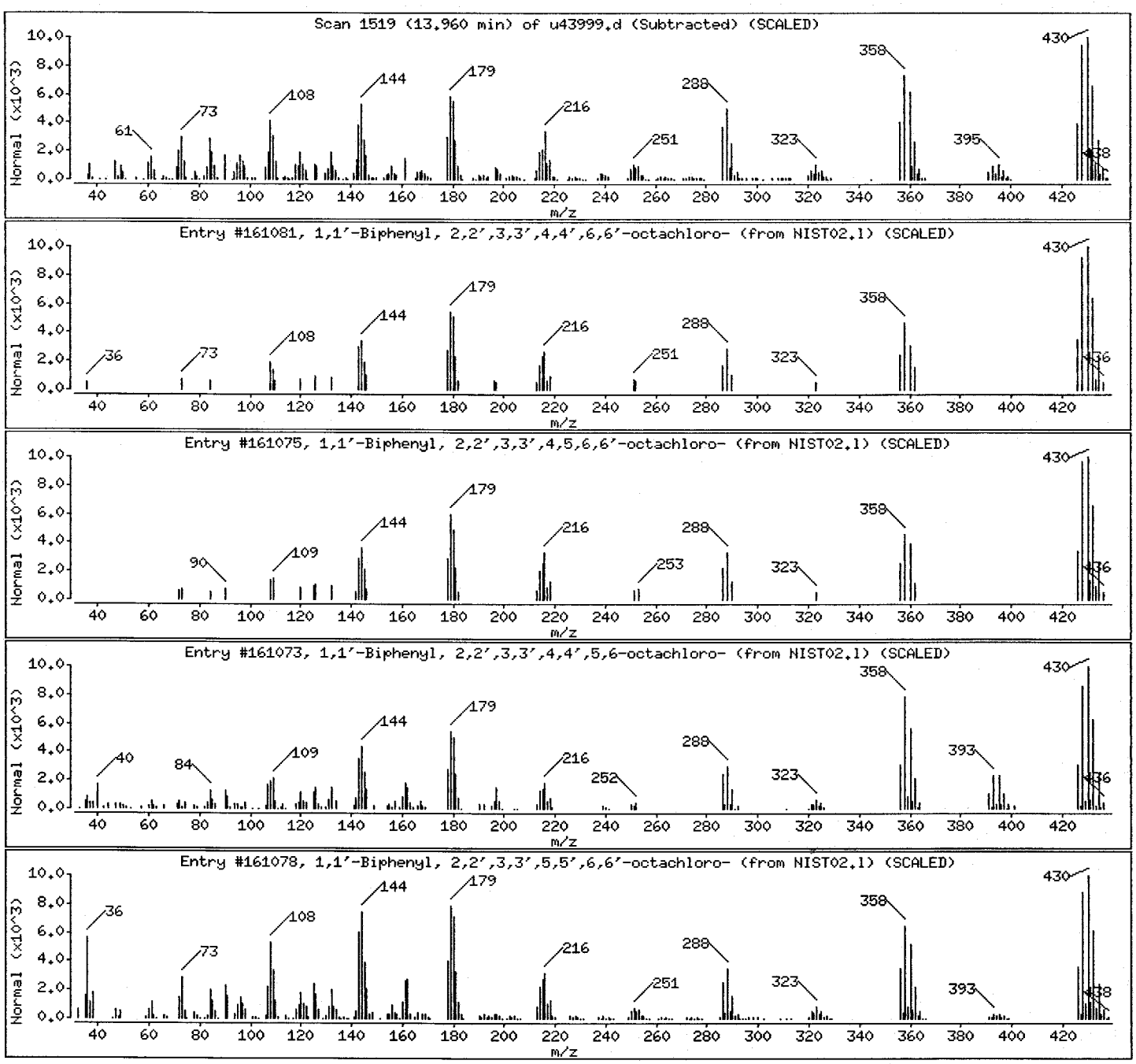
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	96	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	91	C12H2C18	426



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Date : 09-APR-2008 16:25

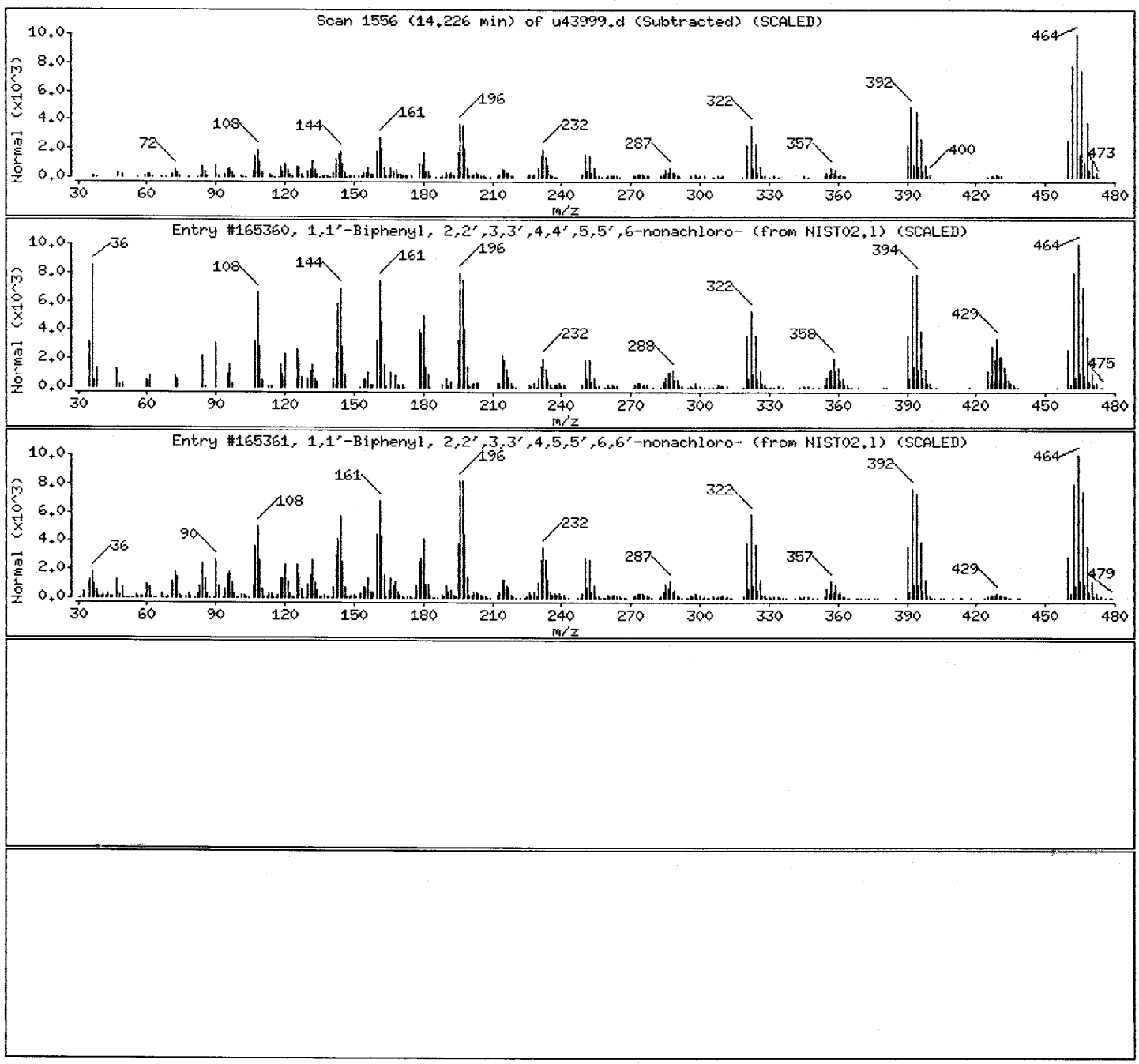
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Nonachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,5',6-non	40186-72-9	NIST02.l	165360	98	C12HCl9	460
1,1'-Biphenyl, 2,2',3,3',4,5,5',6,6'-non	52663-77-1	NIST02.l	165361	38	C12HCl9	460



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Date : 09-APR-2008 16:25

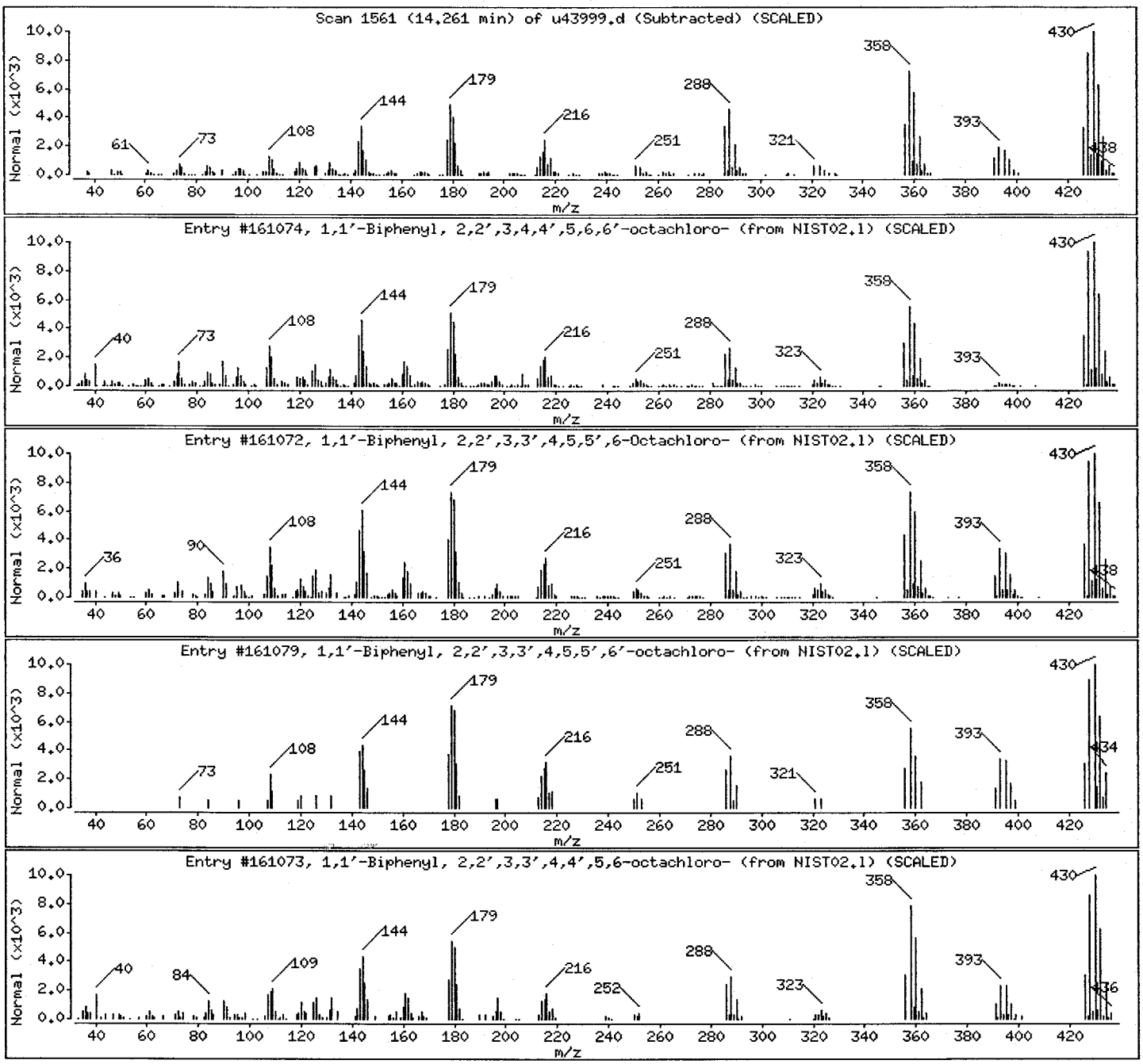
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-octach	74472-52-9	NIST02.l	161074	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6-Octach	68194-17-2	NIST02.l	161072	87	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	87	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	87	C12H2C18	426



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Date : 09-APR-2008 16:25

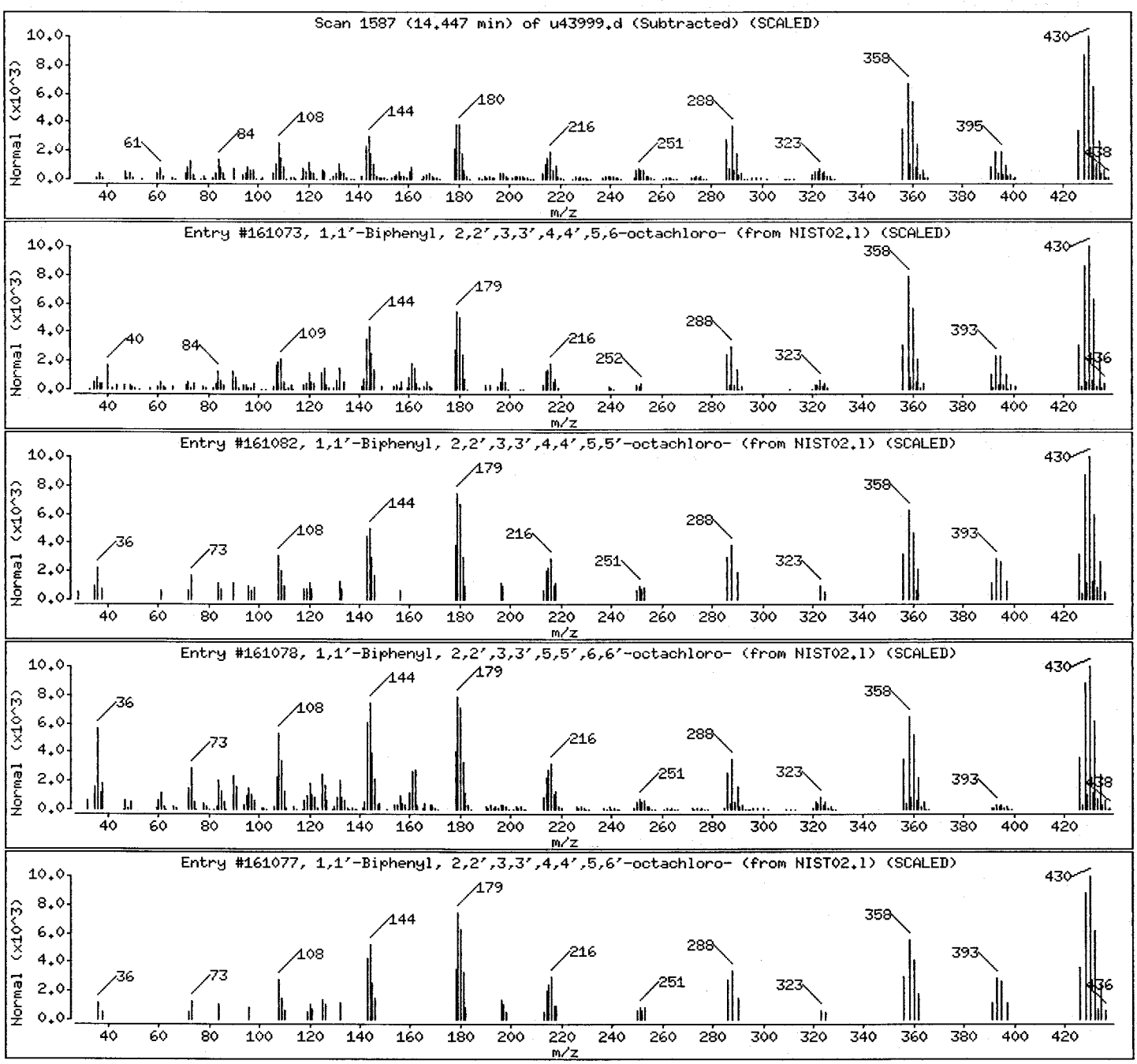
Client ID: 032608-1355 Instrument: BNAMS4.i

Sample Info: 908701;4225900

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	96	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	95	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	94	C12H2Cl8	426



Client ID: **032608-1410**
Site: BP Hastings

Lab Sample No: **908702**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34096.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 19

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	410
2-Chlorophenol	ND	410
2-Methylphenol	9.8J	410
4-Methylphenol	17 J	410
2-Nitrophenol	ND	410
2,4-Dimethylphenol	ND	410
2,4-Dichlorophenol	ND	410
4-Chloro-3-methylphenol	ND	410
2,4,6-Trichlorophenol	ND	410
2,4,5-Trichlorophenol	ND	410
2,4-Dinitrophenol	ND	1200
4-Nitrophenol	ND	1200
4,6-Dinitro-2-methylphenol	ND	1200
Pentachlorophenol	ND	1200

Client ID: **032608-1410**
Site: BP Hastings

Lab Sample No: **908702**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34096.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 19

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	41
1,3-Dichlorobenzene	ND	410
1,4-Dichlorobenzene	ND	410
1,2-Dichlorobenzene	ND	410
bis(2-chloroisopropyl)ether	ND	410
N-Nitroso-di-n-propylamine	ND	41
Hexachloroethane	ND	41
Nitrobenzene	ND	41
Isophorone	ND	410
bis(2-Chloroethoxy)methane	ND	410
1,2,4-Trichlorobenzene	ND	41
Naphthalene	190 J	410
4-Chloroaniline	ND	410
Hexachlorobutadiene	ND	83
2-Methylnaphthalene	170 J	410
Hexachlorocyclopentadiene	ND	410
2-Chloronaphthalene	ND	410
2-Nitroaniline	ND	830
Dimethylphthalate	ND	410
Acenaphthylene	84 J	410
2,6-Dinitrotoluene	ND	83
3-Nitroaniline	ND	830
Acenaphthene	24 J	410
Dibenzofuran	27 J	410
2,4-Dinitrotoluene	ND	83
Diethylphthalate	ND	410
4-Chlorophenyl-phenylether	ND	410
Fluorene	150 J	410
4-Nitroaniline	ND	830
N-Nitrosodiphenylamine	ND	410
4-Bromophenyl-phenylether	ND	410
Hexachlorobenzene	ND	41
Phenanthrene	920	410
Anthracene	120 J	410

Client ID: **032608-1410**
Site: BP Hastings

Lab Sample No: **908702**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34096.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 19

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)		Quantitation Limit Units: ug/kg
Carbazole	20	J	410
Di-n-butylphthalate	ND		410
Fluoranthene	670		410
Pyrene	1000		410
Butylbenzylphthalate	ND		410
3,3'-Dichlorobenzidine	ND		830
Benzo(a)anthracene	430		41
Chrysene	700		410
bis(2-Ethylhexyl)phthalate	93	J	410
Di-n-octylphthalate	ND		410
Benzo(b)fluoranthene	610		41
Benzo(k)fluoranthene	340		41
Benzo(a)pyrene	270		41
Indeno(1,2,3-cd)pyrene	81		41
Dibenz(a,h)anthracene	30	J	41
Benzo(g,h,i)perylene	87	J	410

Client ID: **032608-1410**
Site: BP Hastings

Lab Sample No: **908702**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34096.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 19.4

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Pentachloro-1,1'-biphenyl isomer	11.86	3200	
2. Pentachloro-1,1'-biphenyl isomer	12.19	4000	
3. Hexachloro-1,1'-biphenyl isomer	12.28	3600	
4. Unknown	12.34	2500	
5. Hexachloro-1,1'-biphenyl isomer	12.39	6000	
6. Hexachloro-1,1'-biphenyl isomer	12.58	6300	
7. Heptachloro-1,1'-biphenyl isomer	12.74	3300	
8. Hexachloro-1,1'-biphenyl isomer	12.84	3100	
9. Heptachloro-1,1'-biphenyl isomer	12.99	12000	
10. Heptachloro-1,1'-biphenyl isomer	13.03	13000	
11. Heptachloro-1,1'-biphenyl isomer	13.22	12000	
12. Heptachloro-1,1'-biphenyl isomer	13.28	4000	
13. Octachloro-1,1'-biphenyl isomer	13.31	11000	
14. Octachloro-1,1'-biphenyl isomer	13.38	4300	
15. Heptachloro-1,1'-biphenyl isomer	13.48	27000	
16. Heptachloro-1,1'-biphenyl isomer	13.78	5000	
17. Octachloro-1,1'-biphenyl isomer	13.86	21000	
18. Octachloro-1,1'-biphenyl isomer	13.93	21000	
19. Octachloro-1,1'-biphenyl isomer	14.44	14000	
20. Nonylchloro-1,1'-biphenyl isomer	14.88	12000	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
TOTAL ESTIMATED CONCENTRATION		188300	

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d
Report Date: 09-Apr-2008 14:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d
Lab Smp Id: 908702 Client Smp ID: 032608-1410
Inj Date : 08-APR-2008 14:26
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : 908702;4225901
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS6.i/8270/04-02-08/08apr08.b/8270C_08.m
Meth Date : 09-Apr-2008 09:19 monica Quant Type: ISTD
Cal Date : 02-APR-2008 22:21 Cal File: m33969.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	19.40000	% Moisture

Cpnd Variable Local Compound Variable

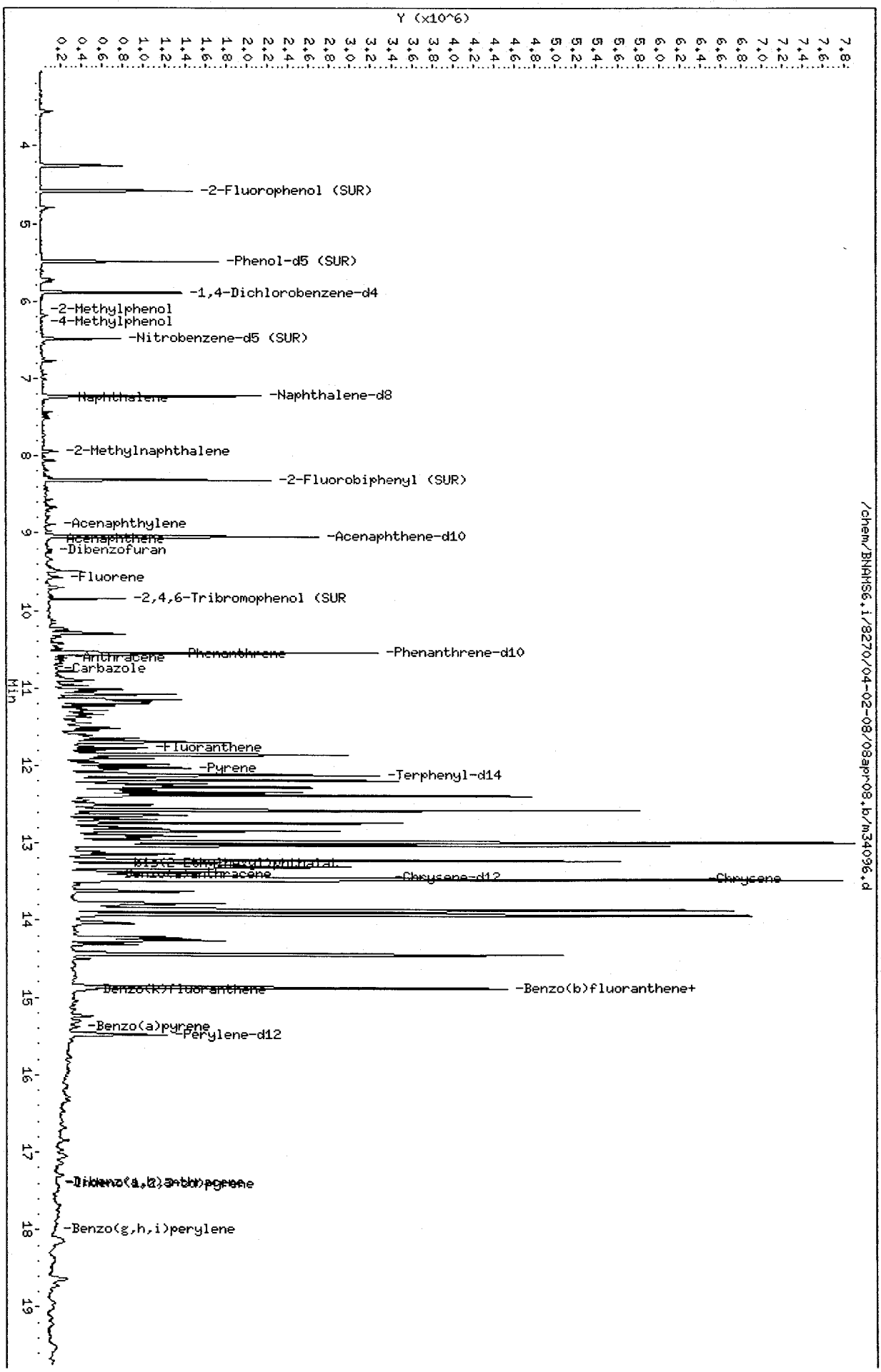
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.579	4.578	(0.777)	536503	65.6013	5400
$ 17 Phenol-d5 (SUR)	99	5.488	5.497	(0.932)	689025	63.4202	5200
* 79 1,4-Dichlorobenzene-d4	152	5.891	5.891	(1.000)	262361	40.0000	
3 2-Methylphenol	108	6.119	6.132	(1.039)	1002	0.11842	9.8(a)
4 4-Methylphenol	108	6.266	6.281	(1.064)	1797	0.20094	17(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.486	6.502	(0.898)	280151	28.9904	2400
* 80 Naphthalene-d8	136	7.222	7.228	(1.000)	1124949	40.0000	
31 Naphthalene	128	7.245	7.251	(1.003)	63369	2.27874	190(a)
34 2-Methylnaphthalene	142	7.942	7.952	(1.100)	38033	2.03366	170(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.315	8.322	(0.919)	688980	29.7037	2400
39 Acenaphthylene	152	8.893	8.898	(0.983)	32895	1.01026	84(a)
* 82 Acenaphthene-d10	164	9.049	9.053	(1.000)	782510	40.0000	
42 Acenaphthene	154	9.079	9.083	(1.003)	6329	0.29477	24(a)

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d
Report Date: 09-Apr-2008 14:46

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	43	Dibenzofuran	168	9.230	9.240	(1.020)	10078	0.32816	27(a)
	47	Fluorene	166	9.579	9.588	(1.059)	43980	1.82071	150(a)
$	18	2,4,6-Tribromophenol (SUR)	330	9.854	9.854	(1.089)	79139	16.7674	1400(R)
*	83	Phenanthrene-d10	188	10.546	10.549	(1.000)	1225229	40.0000	
	52	Phenanthrene	178	10.567	10.571	(1.002)	409946	11.0692	920
	53	Anthracene	178	10.609	10.623	(1.006)	54621	1.47226	120(a)
	54	Carbazole	167	10.754	10.763	(1.020)	8256	0.24103	20(a)
	56	Fluoranthene	202	11.777	11.782	(1.117)	294368	8.05643	670
	57	Pyrene	202	12.029	12.032	(0.895)	420733	12.4052	1000
$	78	Terphenyl-d14	244	12.120	12.119	(0.902)	1005652	39.1176	3200
	63	bis(2-Ethylhexyl)phthalate	149	13.265	13.263	(0.987)	34706	1.12712	93(a)
	61	Benzo(a)anthracene	228	13.405	13.402	(0.997)	162792	5.18138	430
*	81	Chrysene-d12	240	13.441	13.429	(1.000)	1227673	40.0000	
	62	Chrysene	228	13.462	13.464	(1.002)	242175	8.51101	700
	65	Benzo(b)fluoranthene	252	14.876	14.893	(0.961)	146867	7.41743	610
	66	Benzo(k)fluoranthene	252	14.911	14.929	(0.963)	71864	4.11537	340
	67	Benzo(a)pyrene	252	15.387	15.399	(0.994)	52886	3.31898	270
*	84	Perylene-d12	264	15.485	15.487	(1.000)	562569	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	17.416	17.463	(1.125)	15401	0.98042	81
	69	Dibenz(a,h)anthracene	278	17.388	17.450	(1.123)	4901	0.36525	30(aH)
	70	Benzo(g,h,i)perylene	276	18.001	18.055	(1.162)	13392	1.05478	87(aH)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.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Date : 08-APR-2008 14:26
Client ID: 032608-1410
Sample Info: 908702;4225901
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-2-Methylphenol
-4-Methylphenol
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Methylnaphthalene
-2-Fluorobiphenyl (SUR)
-Acenaphthylene
-Acenaphthene-d10
-Dibenzofuran
-Fluorene
-2,4,6-Tribromophenol (SUR
-Phenanthrene-d10
-Carbazole
-Fluoranthene
-Pyrene
-Terphenyl-d14
-Chrysene-d12
-Chrysene
-Benzo(b)fluoranthene+
-Benzo(a)pyrene
-Perylene-d12
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

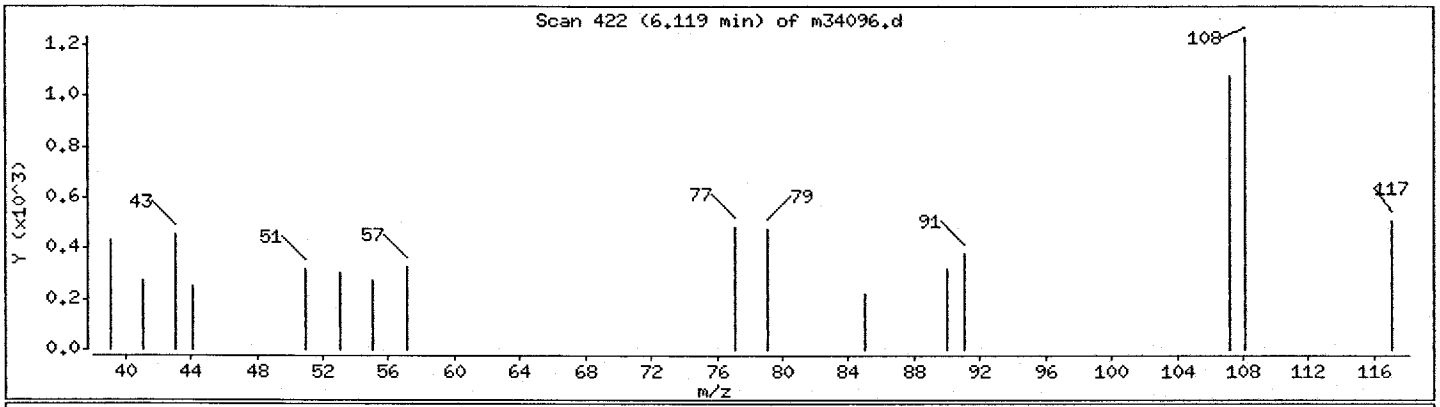
Client ID: 032608-1410 Instrument: BNAMS6.i

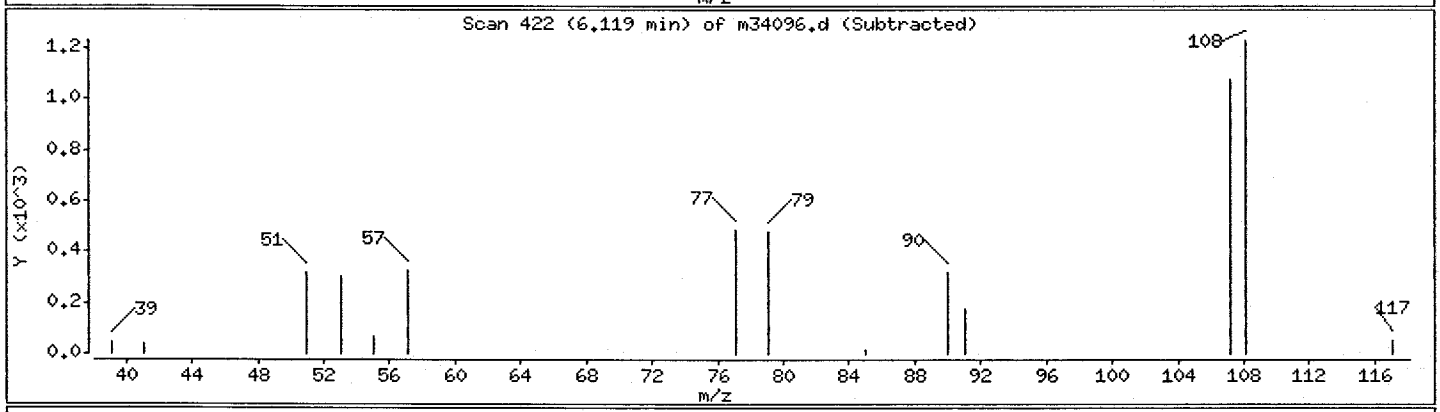
Sample Info: 908702;4225901

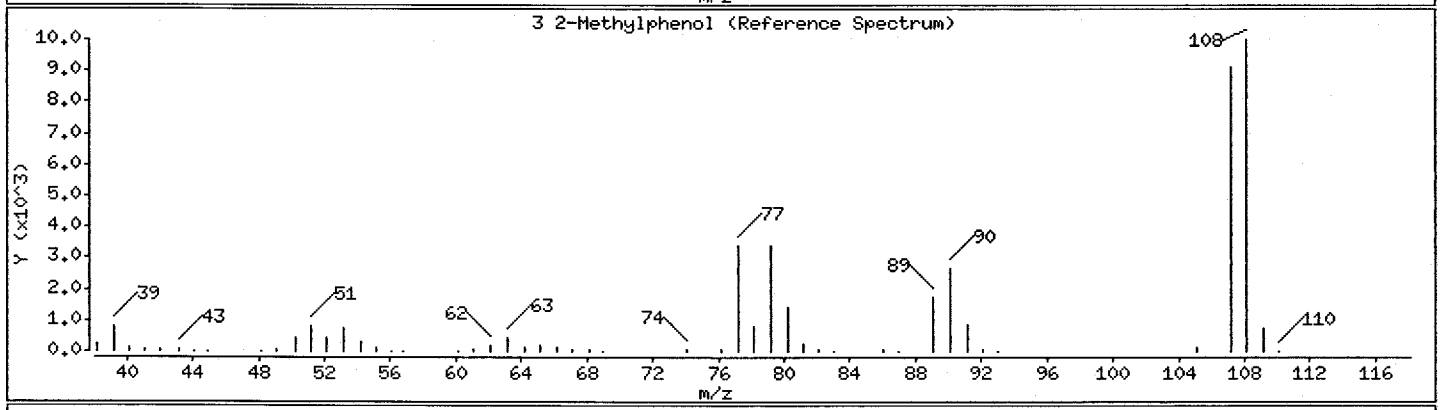
Operator: BNAMS 4

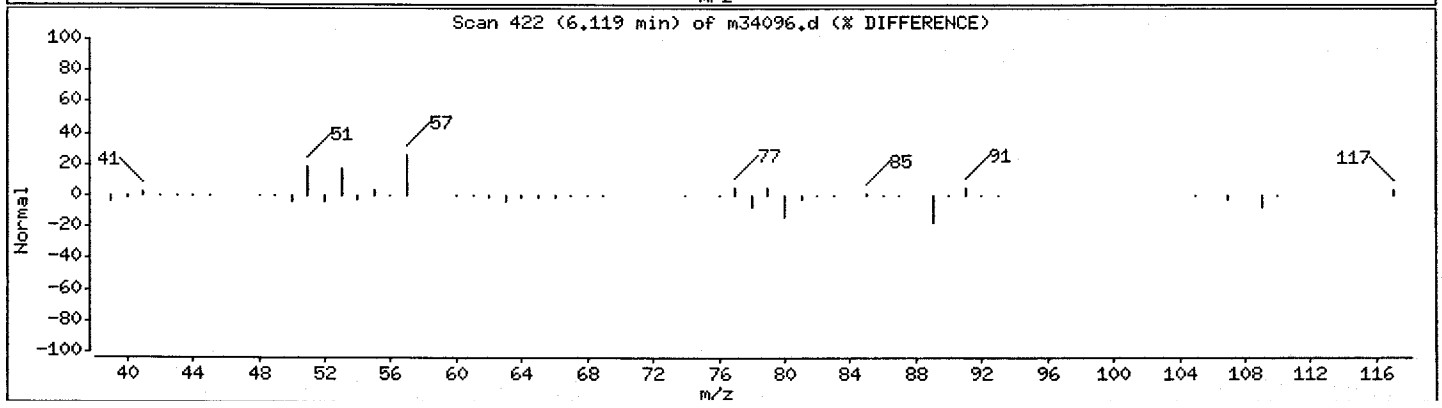
Column phase: DB-5 Column diameter: 0.25

3 2-Methylphenol Concentration: 9.8 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

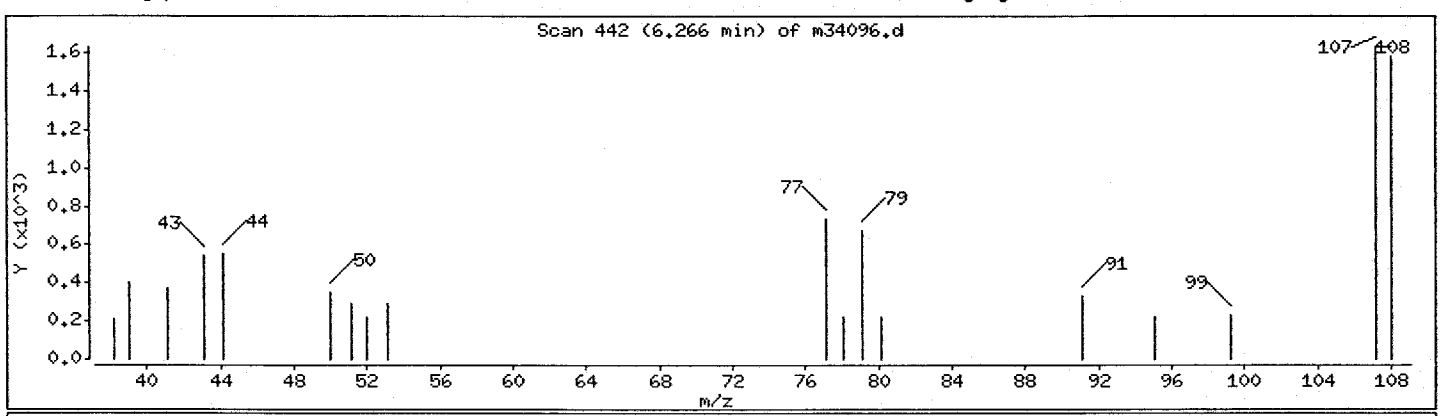
Client ID: 032608-1410 Instrument: BNAMS6.i

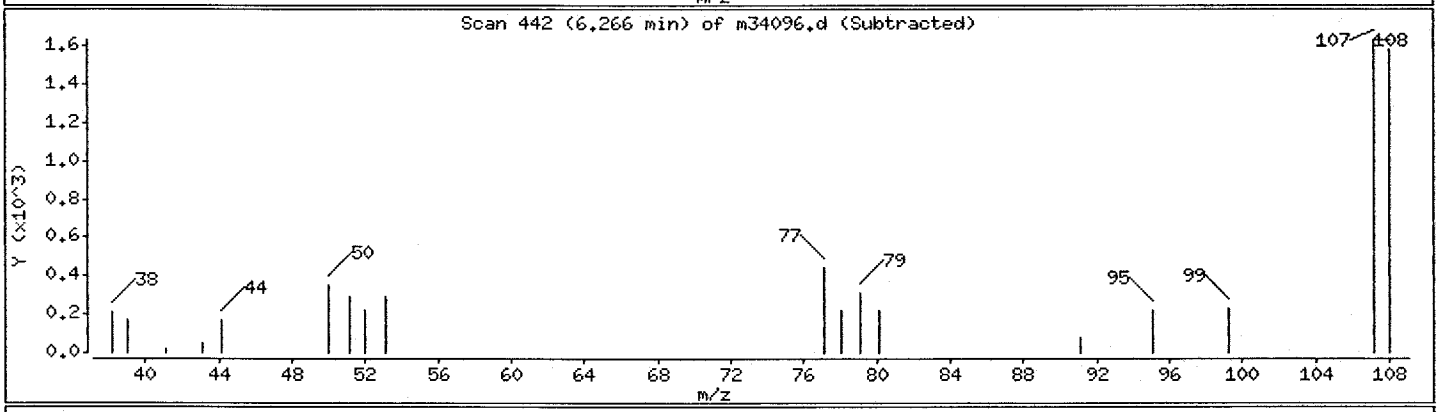
Sample Info: 908702;4225901

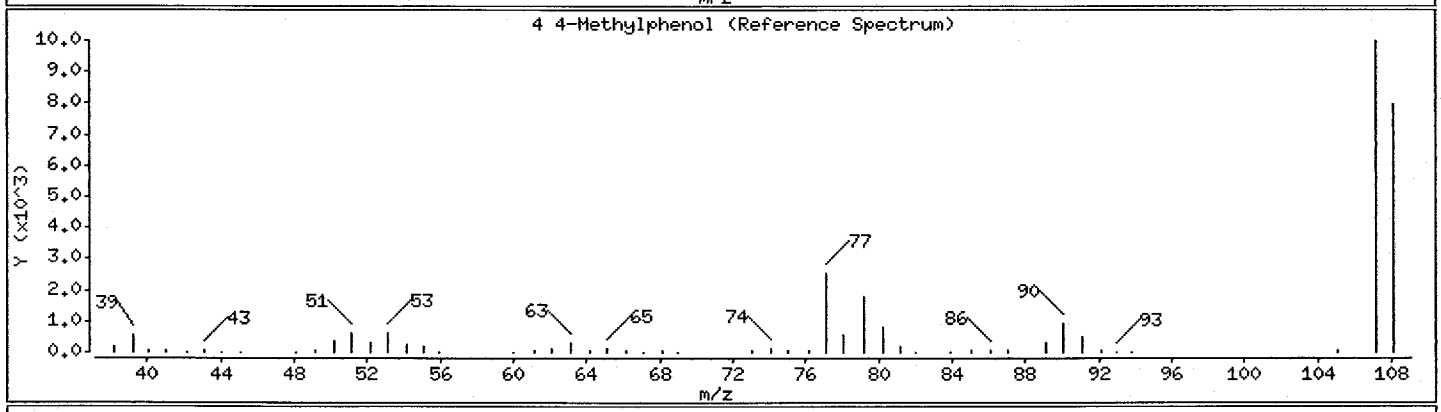
Operator: BNAMS 4

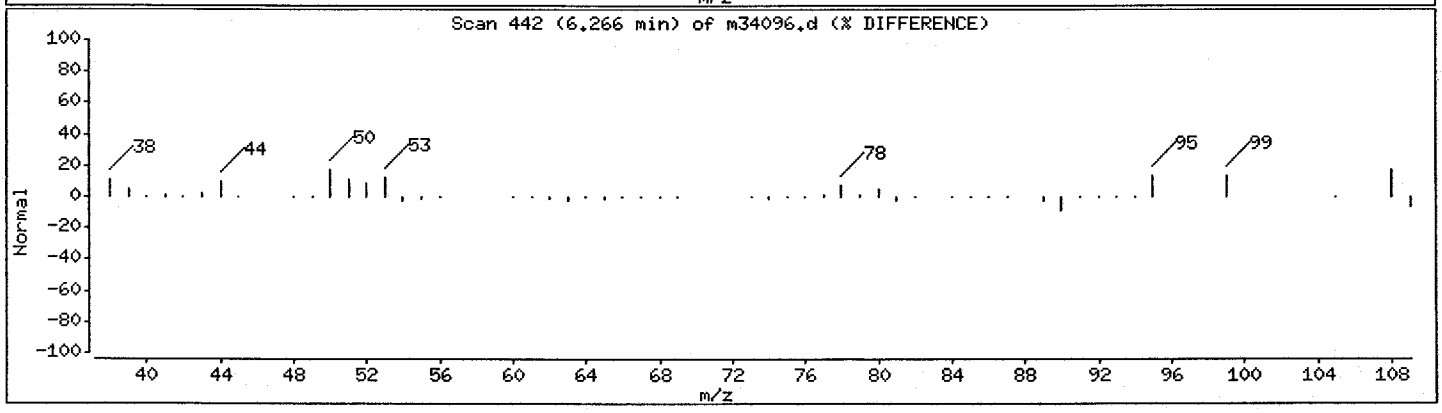
Column phase: DB-5 Column diameter: 0.25

4 4-Methylphenol Concentration: 17 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

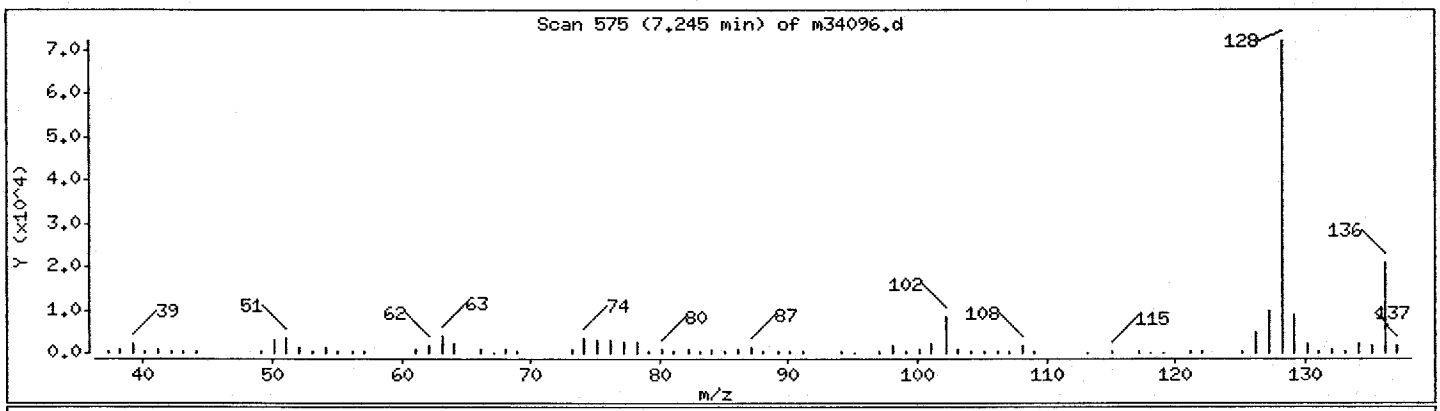
Client ID: 032608-1410 Instrument: BNAMS6.i

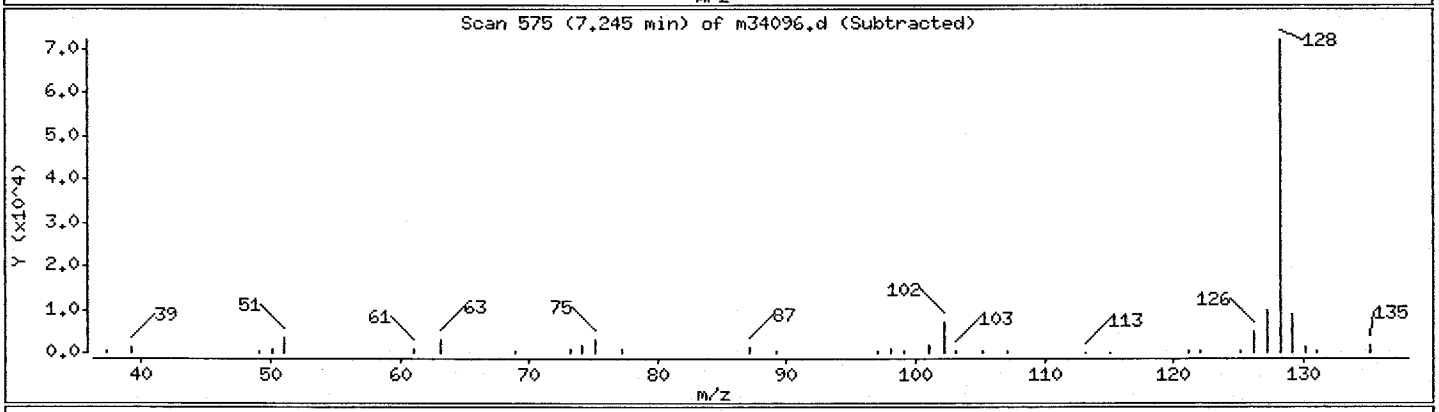
Sample Info: 908702;4225901

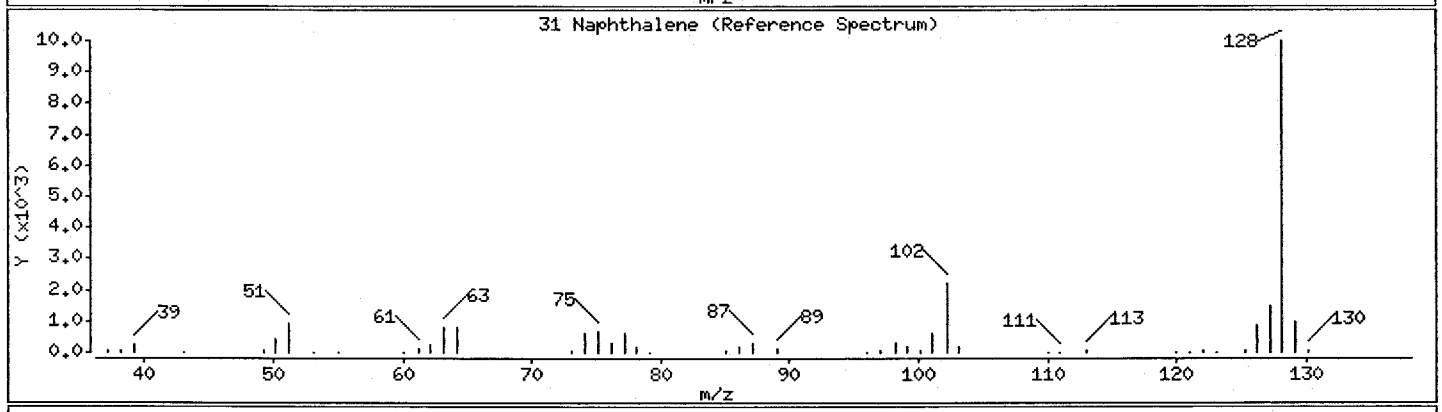
Operator: BNAMS 4

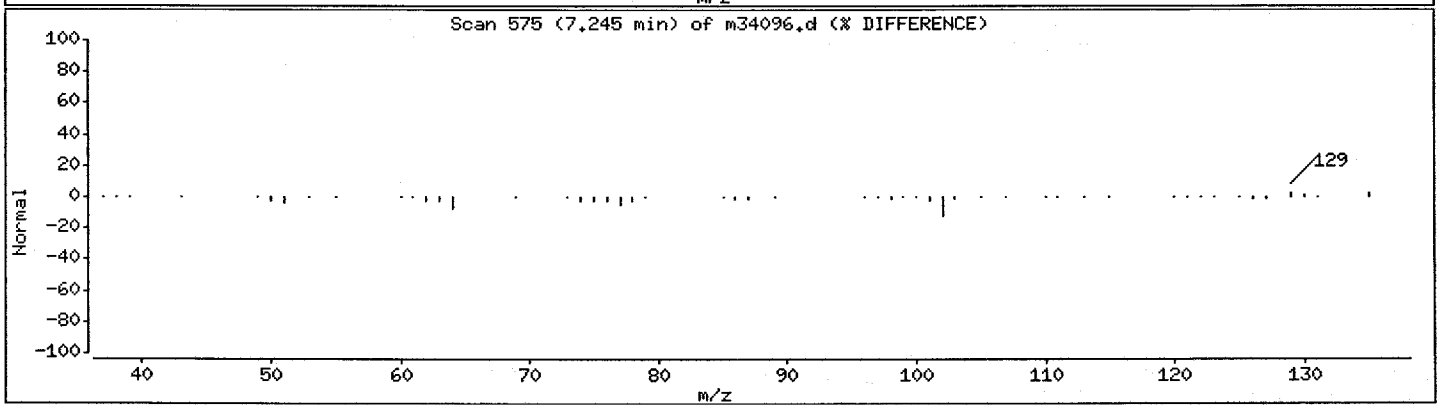
Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 190 ug/Kg









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Date : 08-APR-2008 14:26

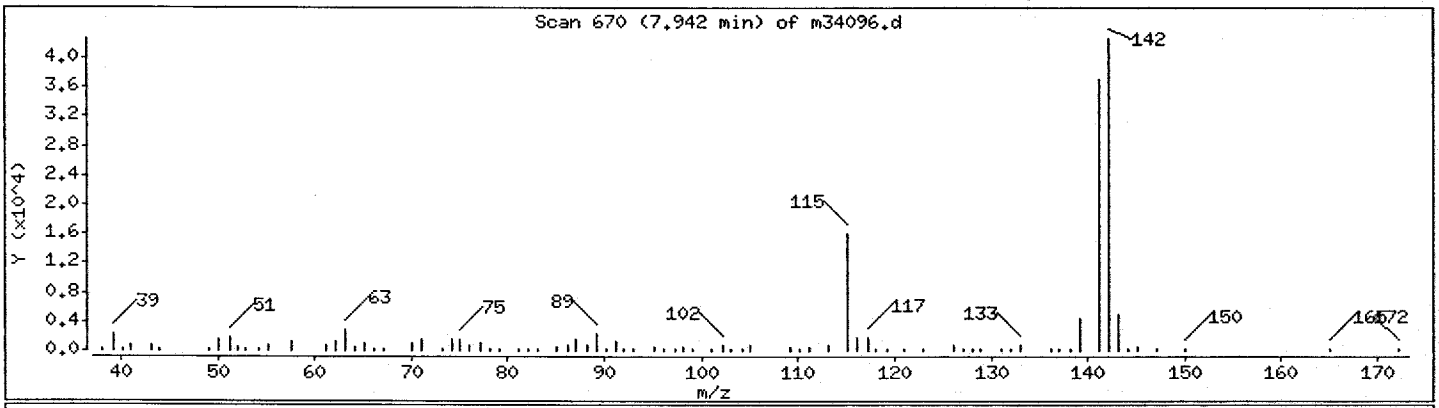
Client ID: 032608-1410 Instrument: BNAMS6.i

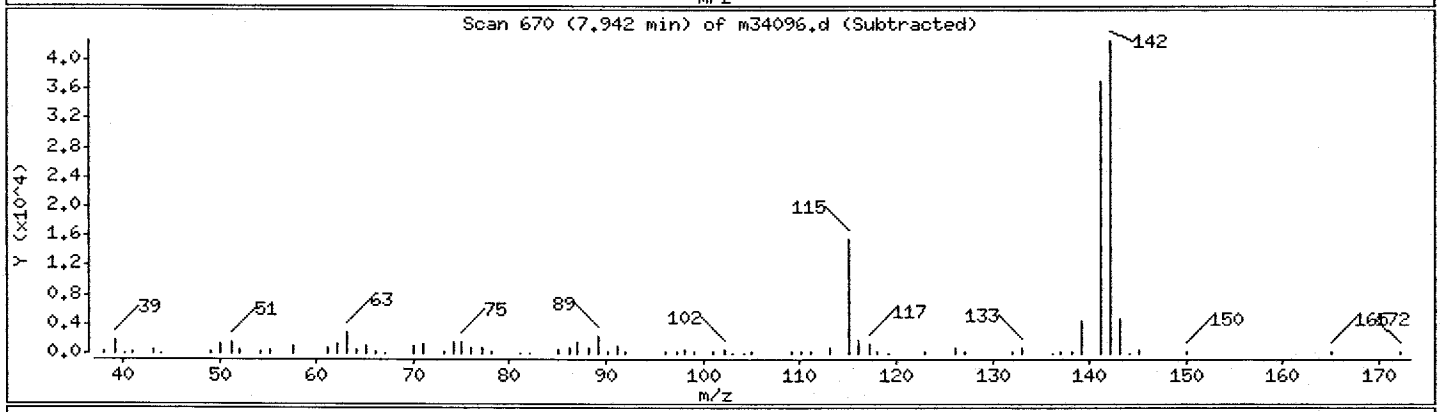
Sample Info: 908702;4225901

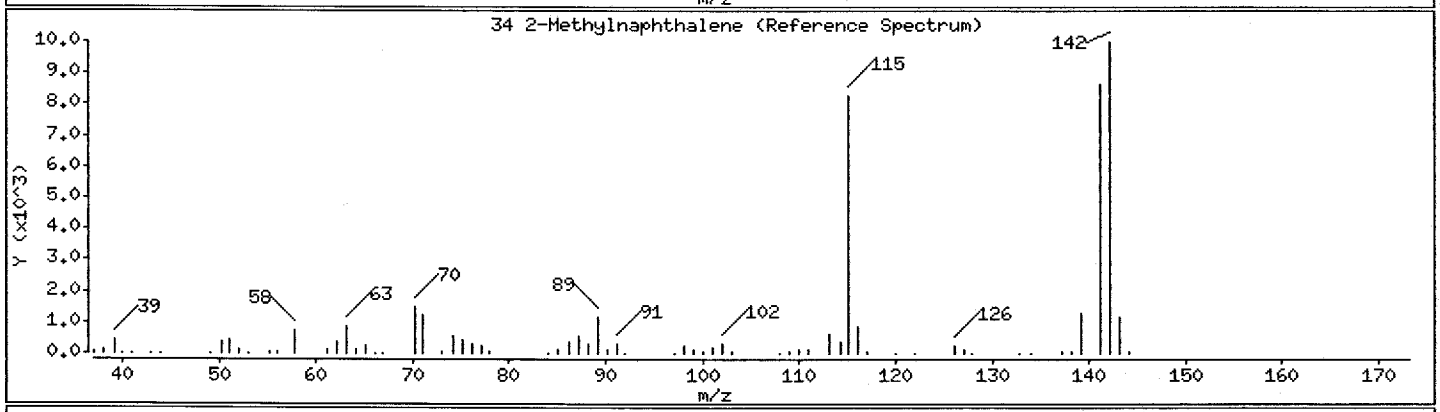
Operator: BNAMS 4

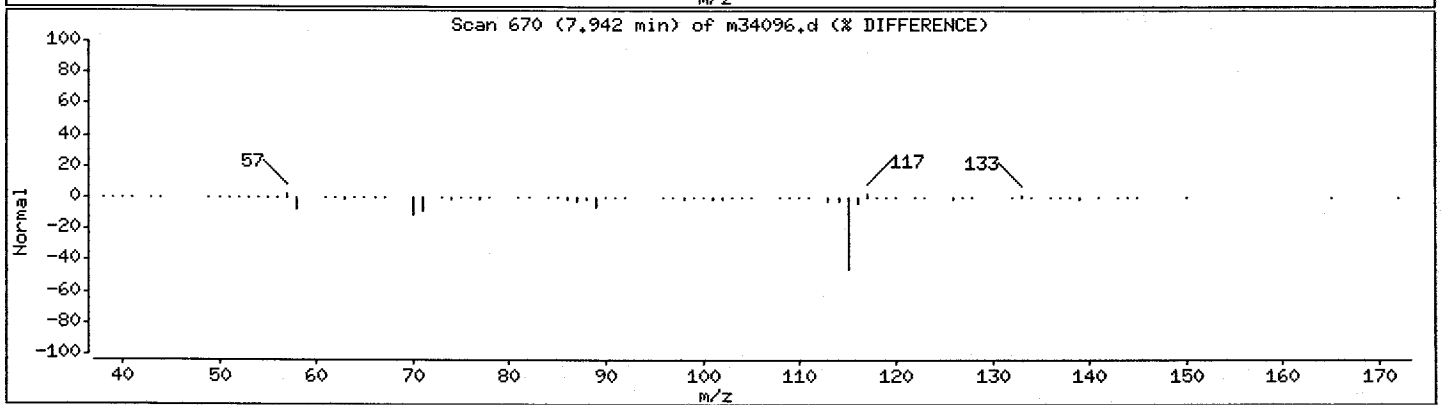
Column phase: DB-5 Column diameter: 0.25

34 2-Methylnaphthalene Concentration: 170 ug/Kg









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Date : 08-APR-2008 14:26

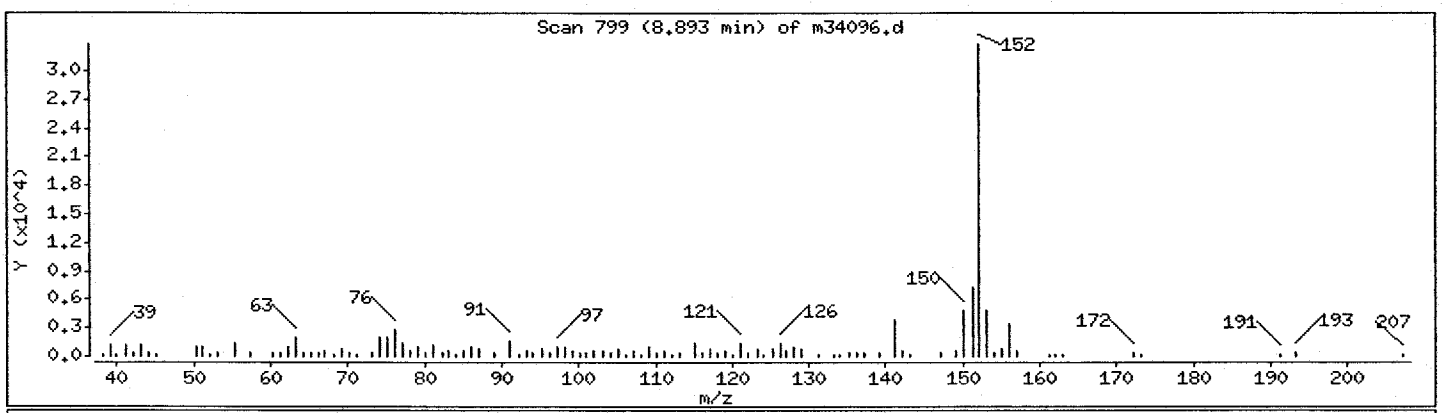
Client ID: 032608-1410 Instrument: BNAMS6.i

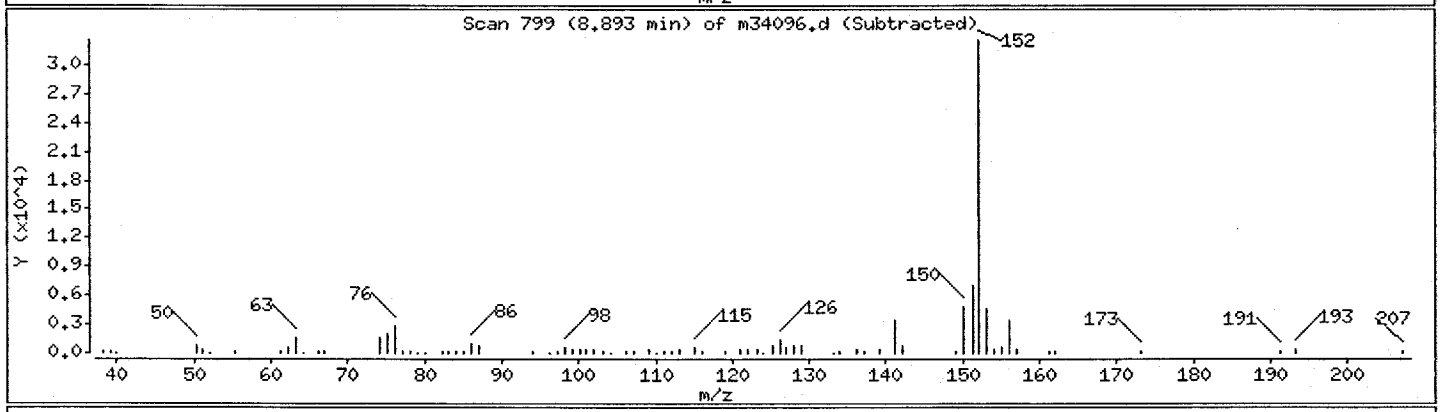
Sample Info: 908702;4225901

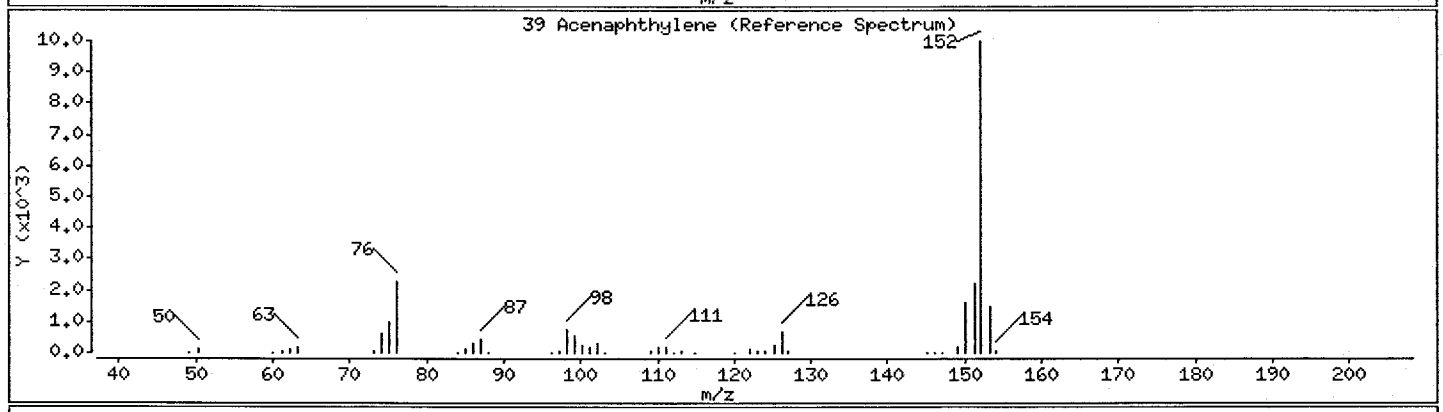
Operator: BNAMS 4

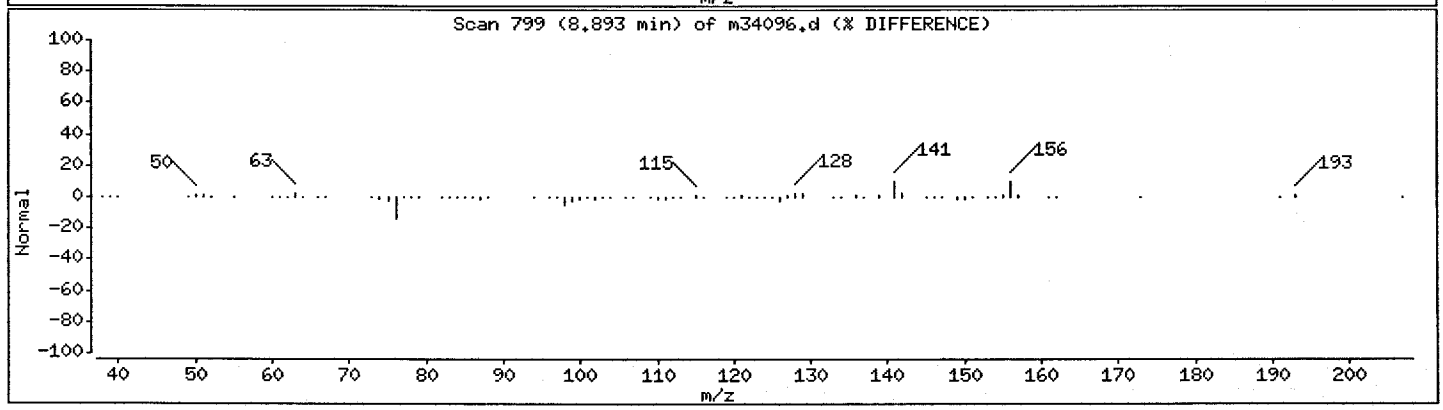
Column phase: DB-5 Column diameter: 0.25

39 Acenaphthylene Concentration: 84 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

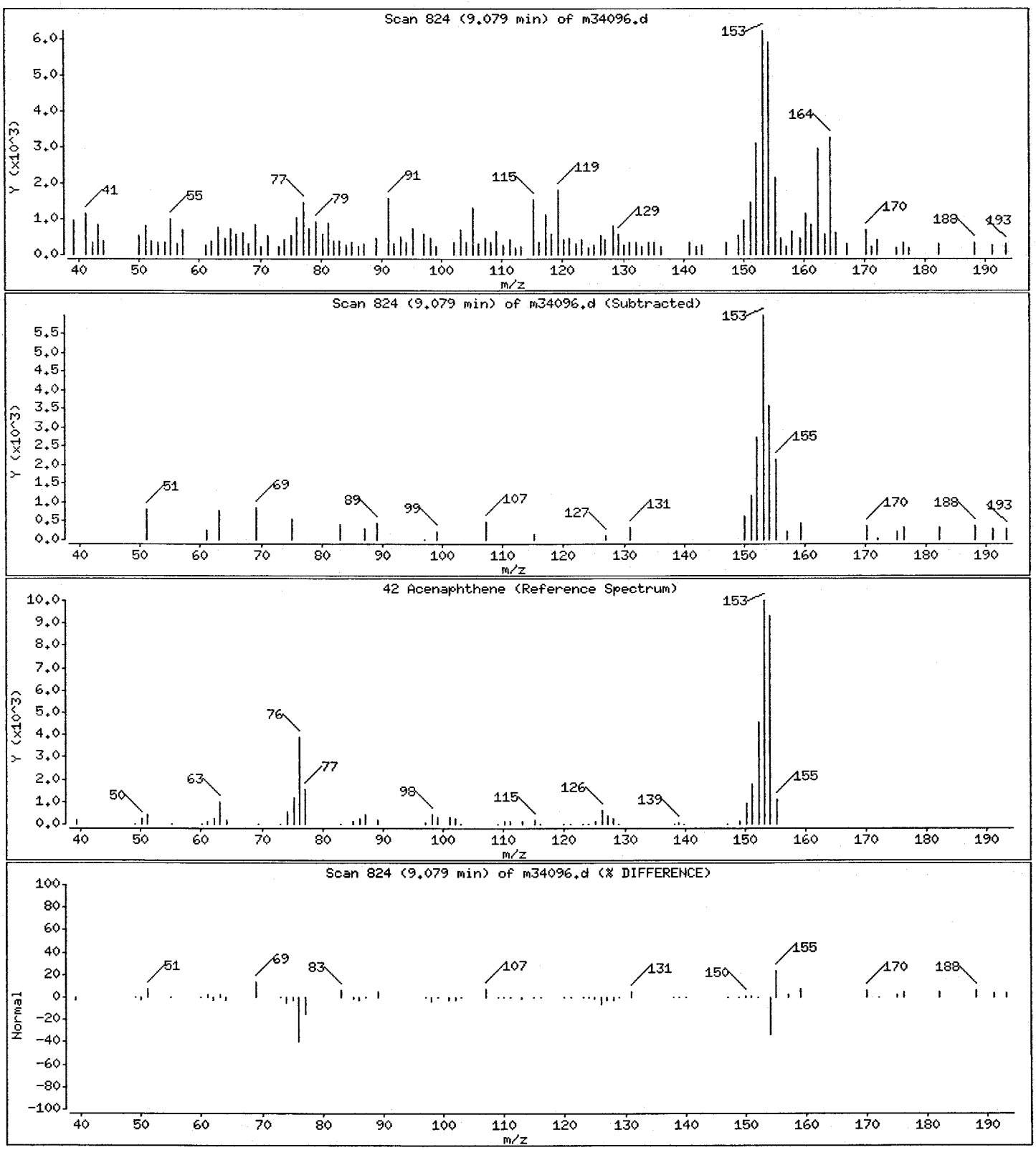
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

42 Acenaphthene Concentration: 24 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

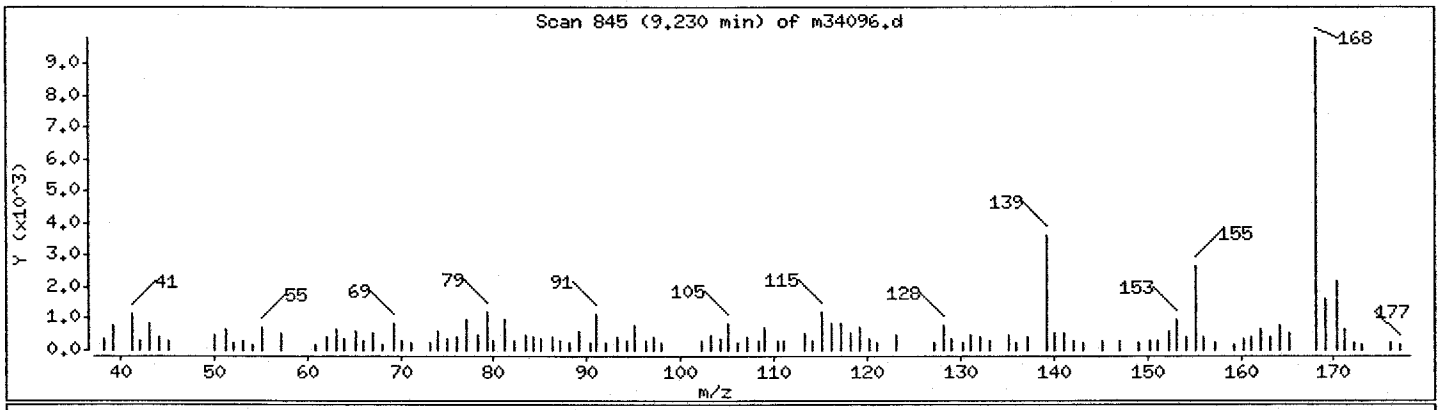
Client ID: 032608-1410 Instrument: BNAMS6.i

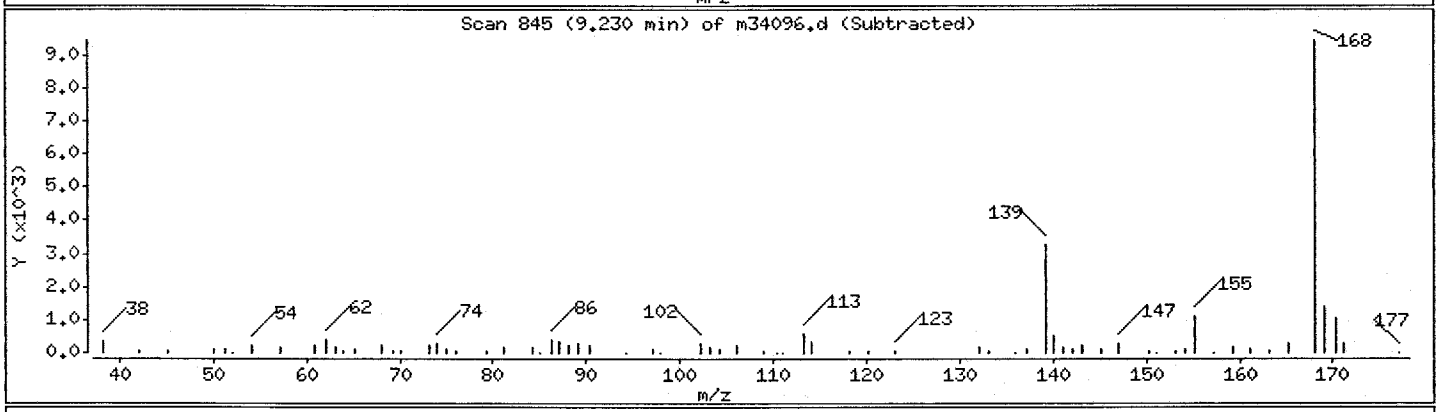
Sample Info: 908702;4225901

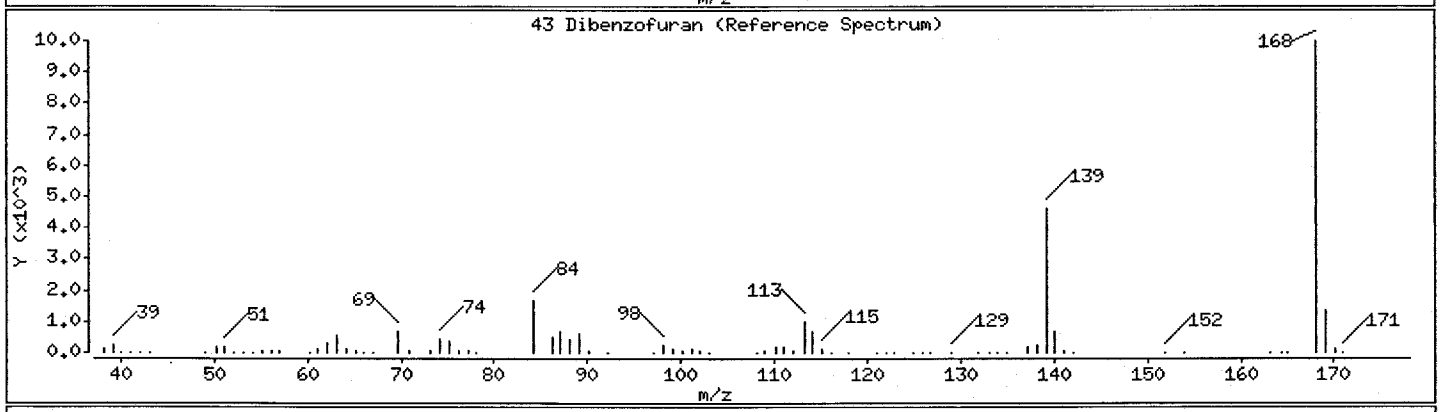
Operator: BNAMS 4

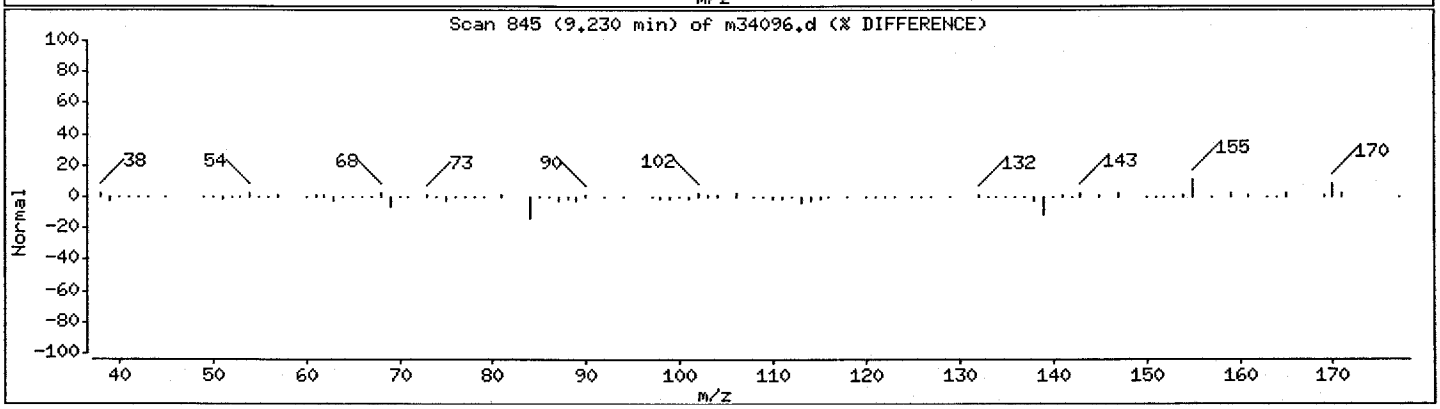
Column phase: DB-5 Column diameter: 0.25

43 Dibenzofuran Concentration: 27 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

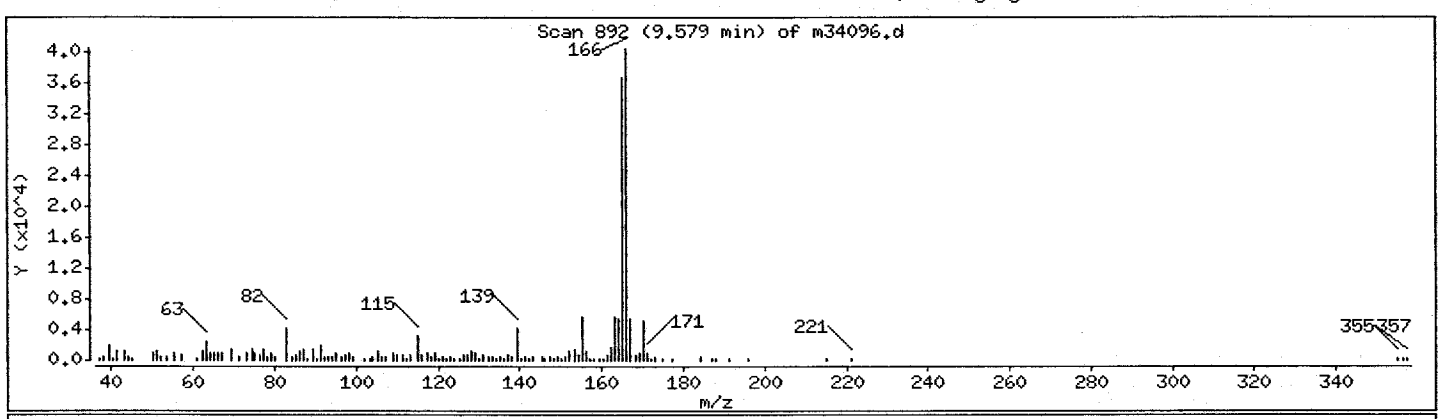
Client ID: 032608-1410 Instrument: BNAMS6.i

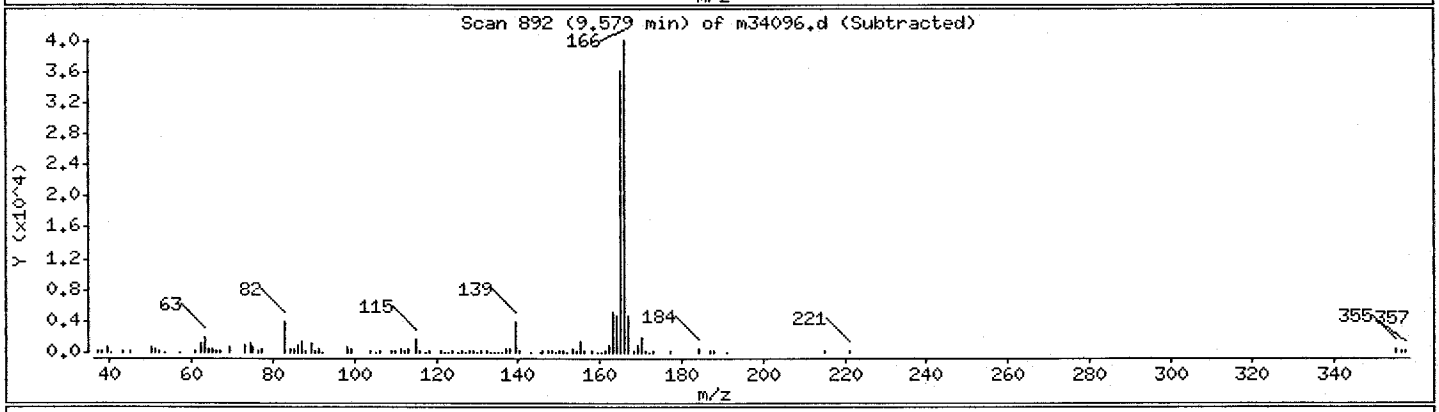
Sample Info: 908702;4225901

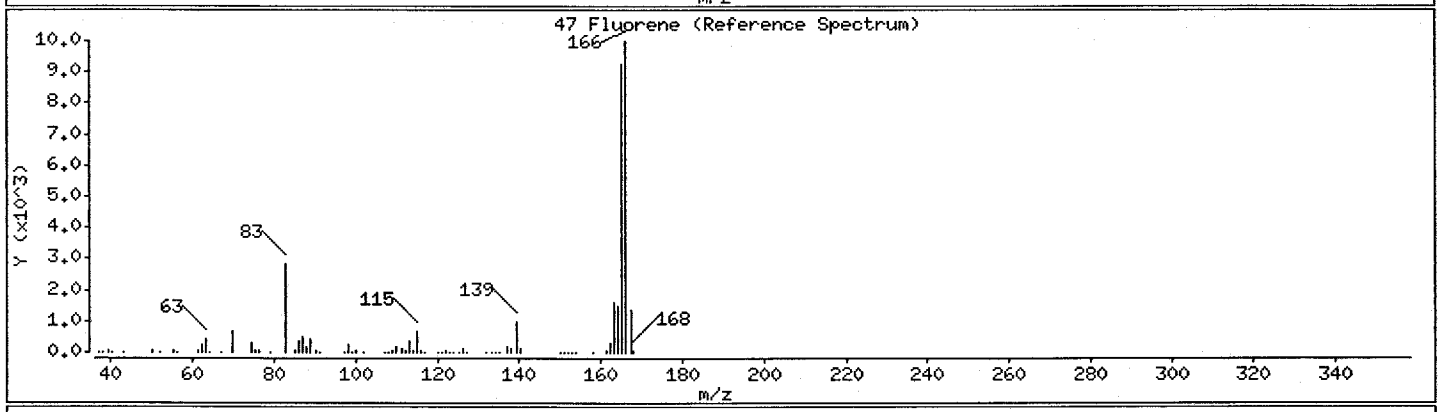
Operator: BNAMS 4

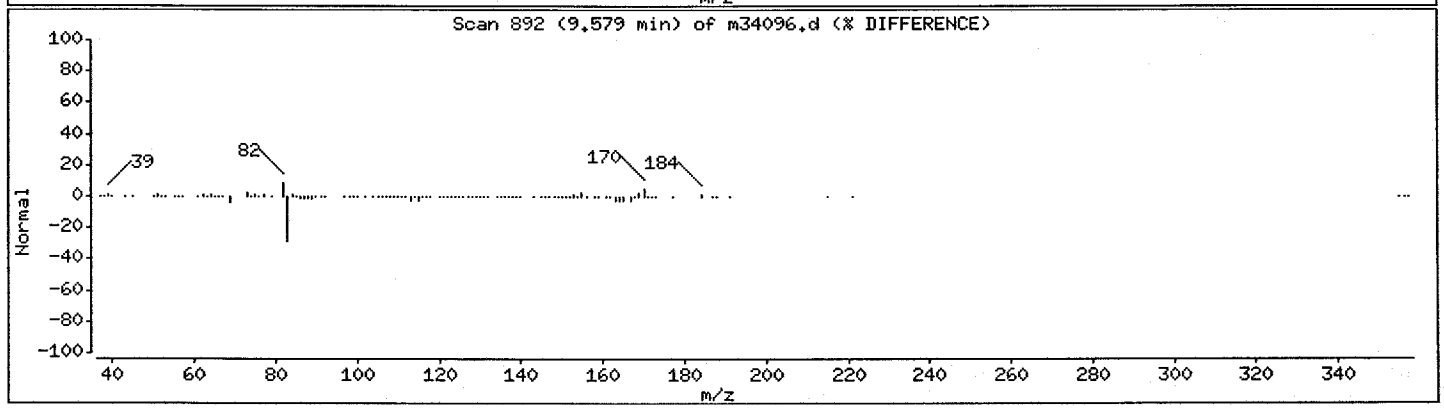
Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 150 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

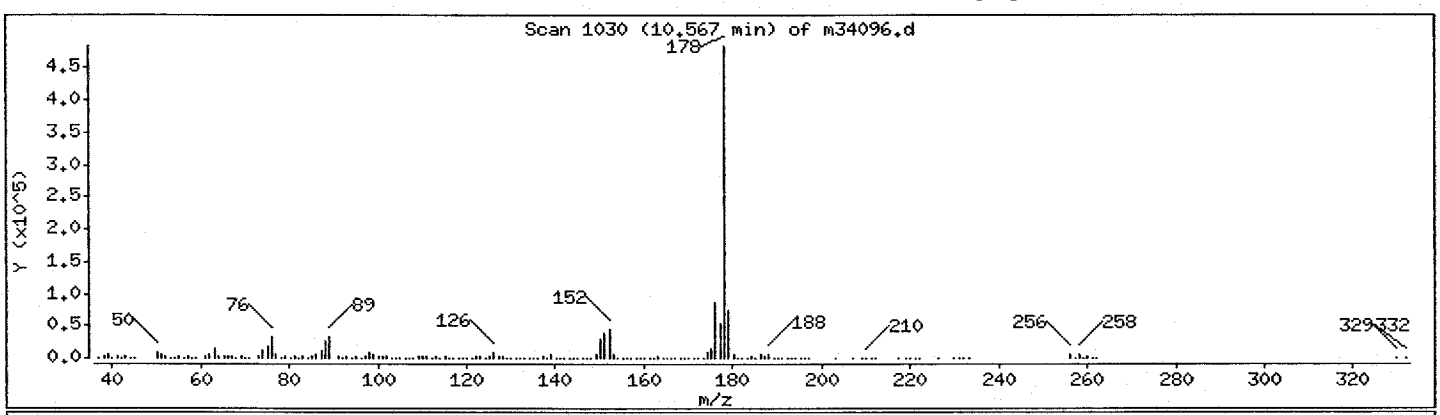
Client ID: 032608-1410 Instrument: BNAMS6.i

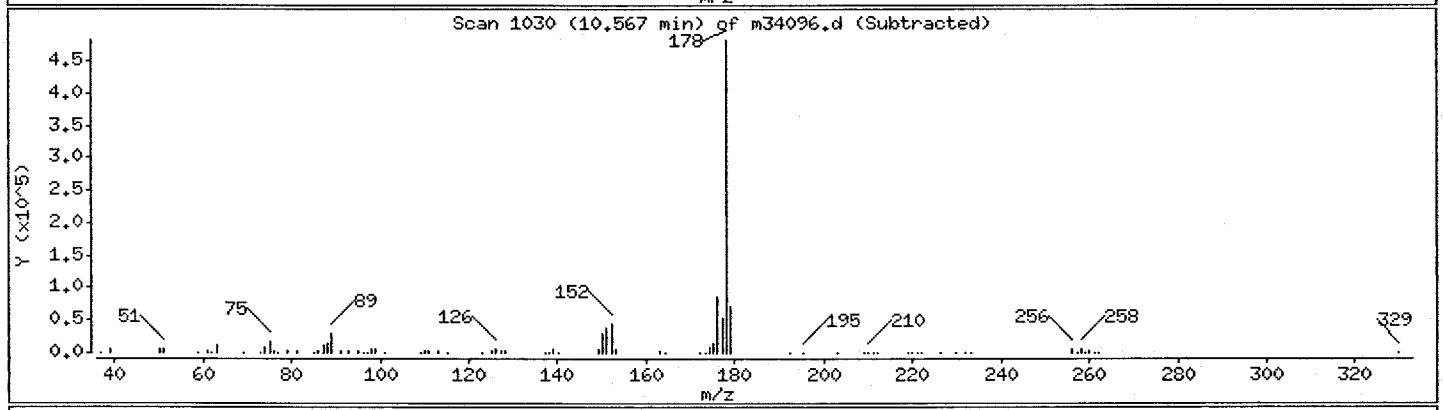
Sample Info: 908702;4225901

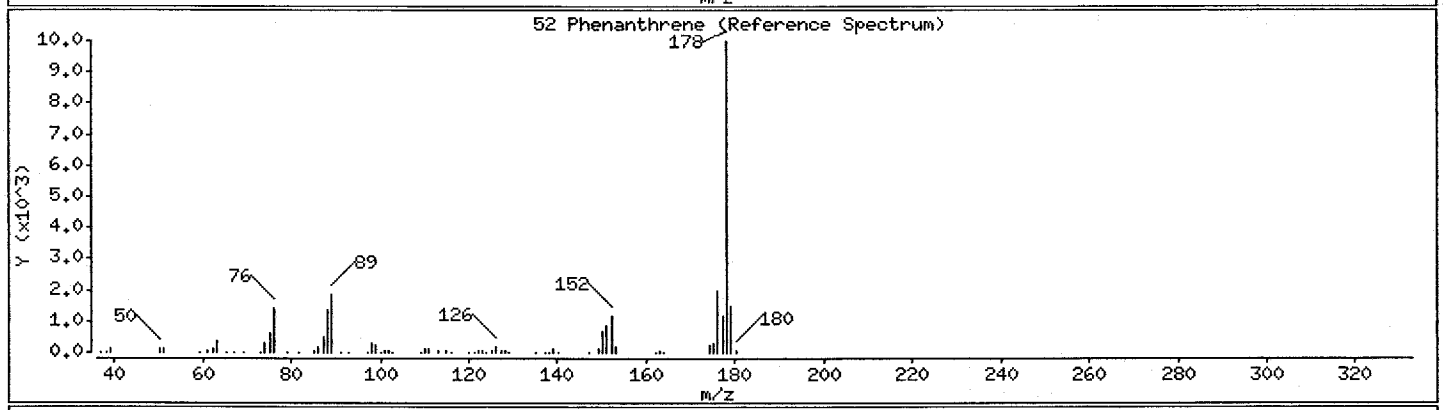
Operator: BNAMS 4

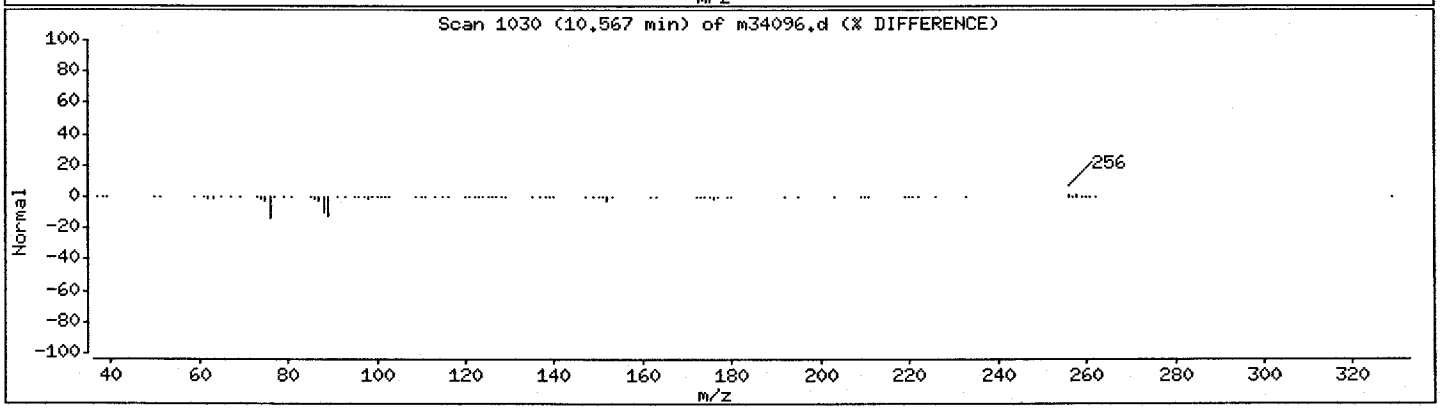
Column phase: DB-5 Column diameter: 0.25

52 Phenanthrene Concentration: 920 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

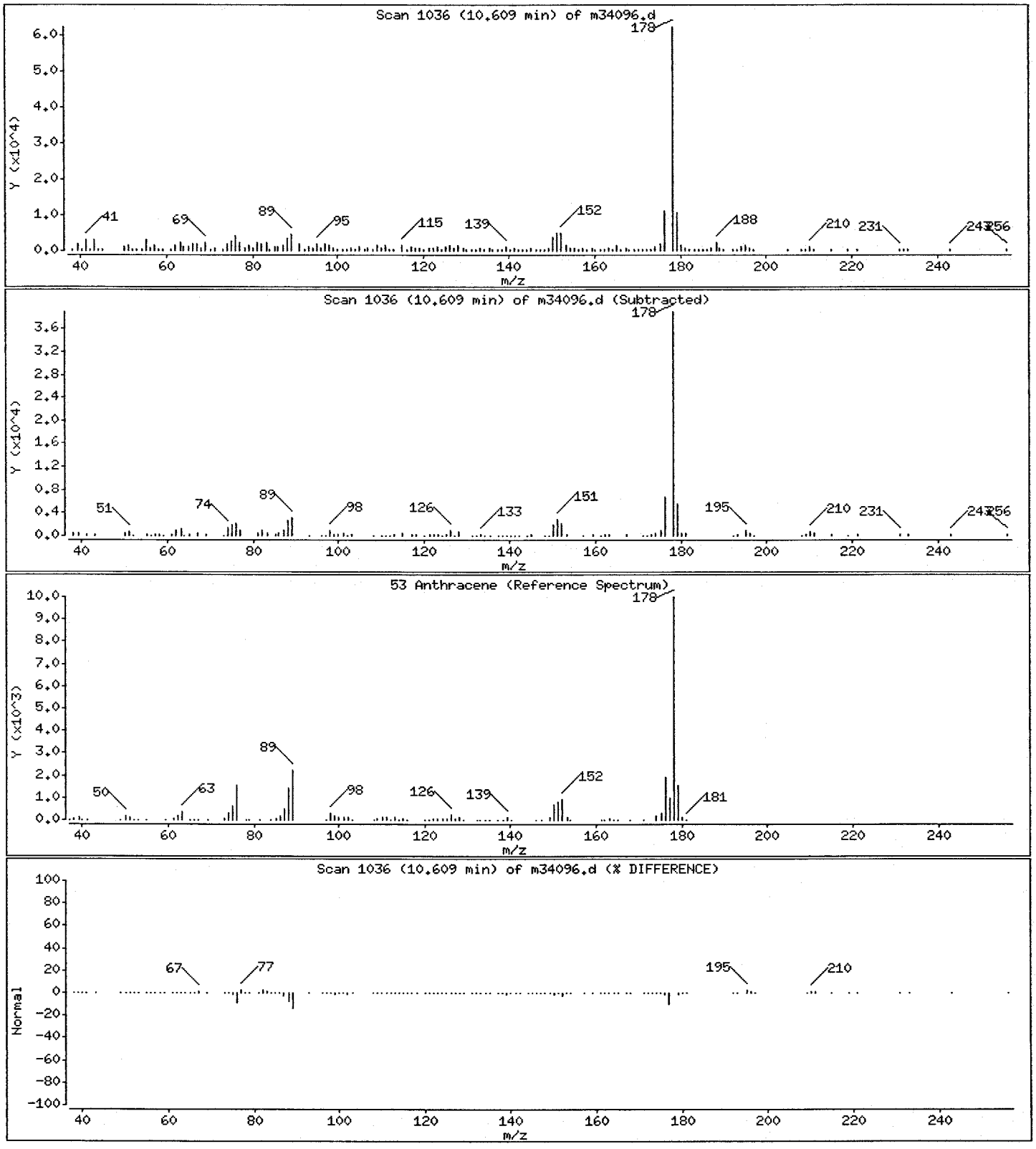
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

53 Anthracene Concentration: 120 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

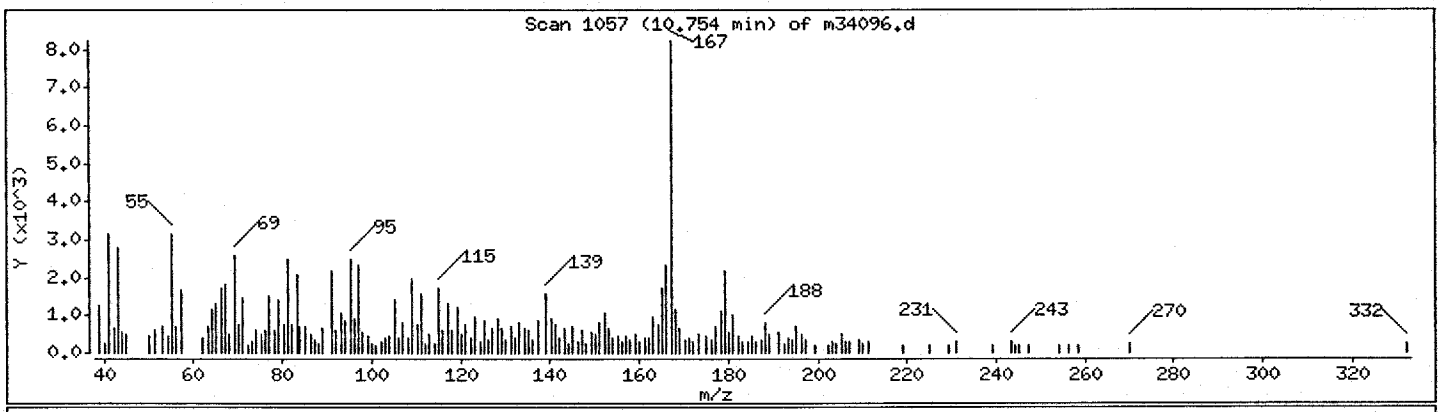
Client ID: 032608-1410 Instrument: BNAMS6.i

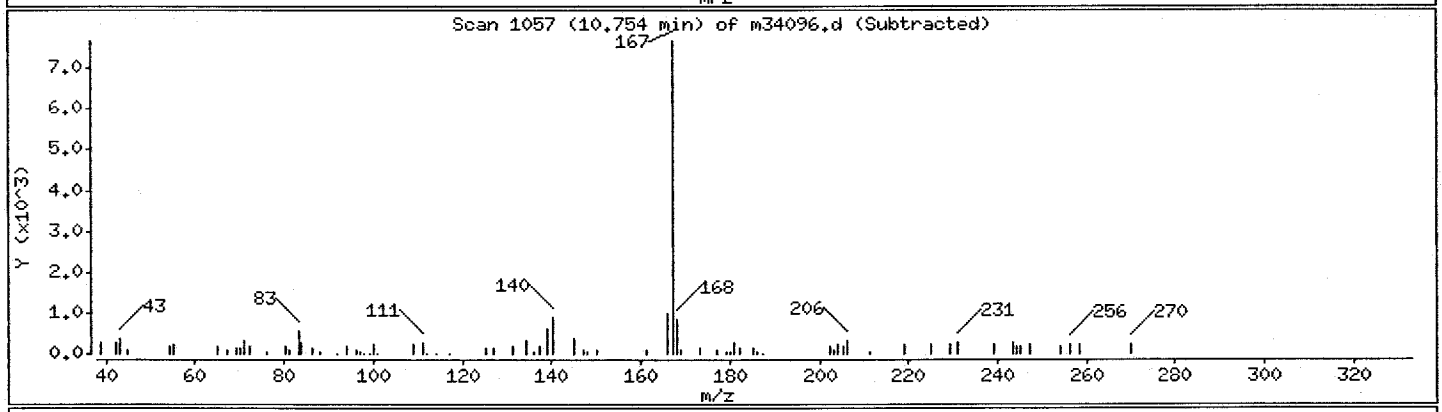
Sample Info: 908702;4225901

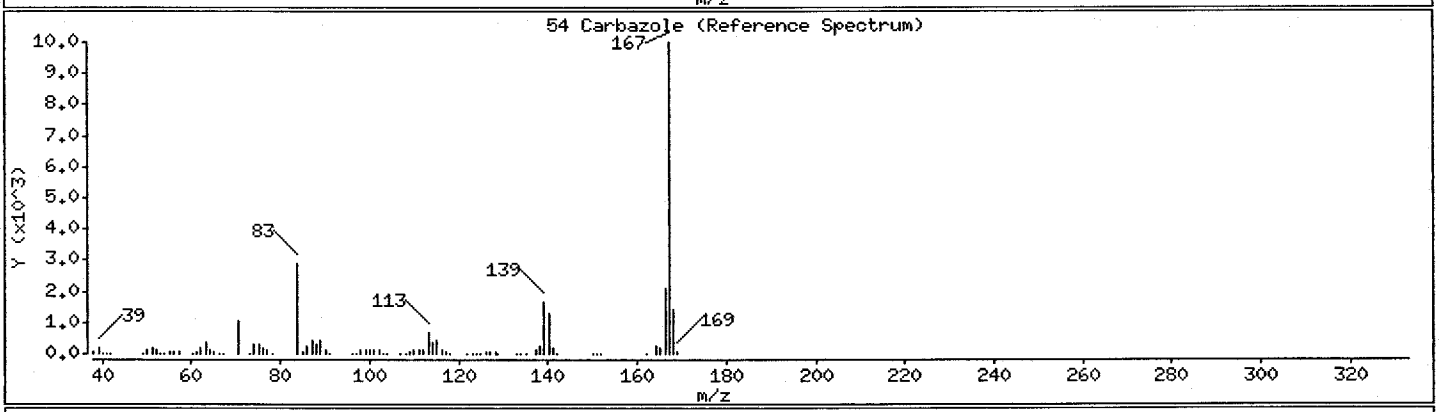
Operator: BNAMS 4

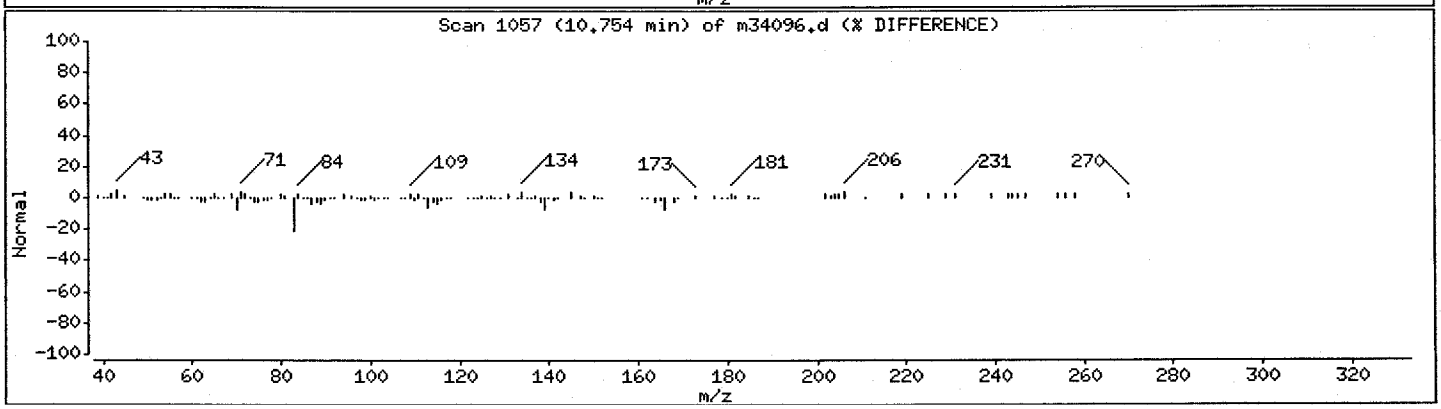
Column phase: DB-5 Column diameter: 0.25

54 Carbazole Concentration: 20 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

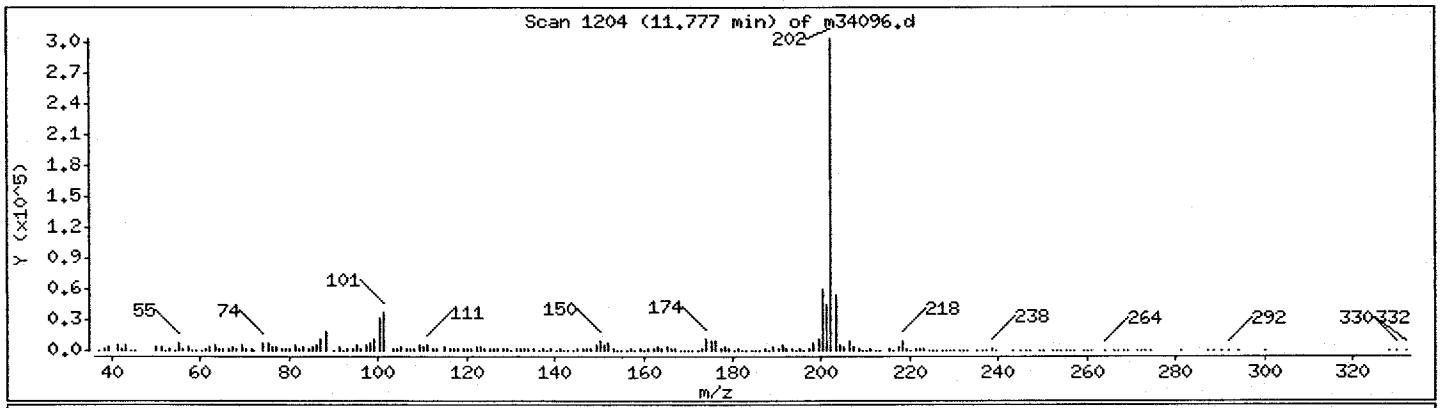
Client ID: 032608-1410 Instrument: BNAMS6.i

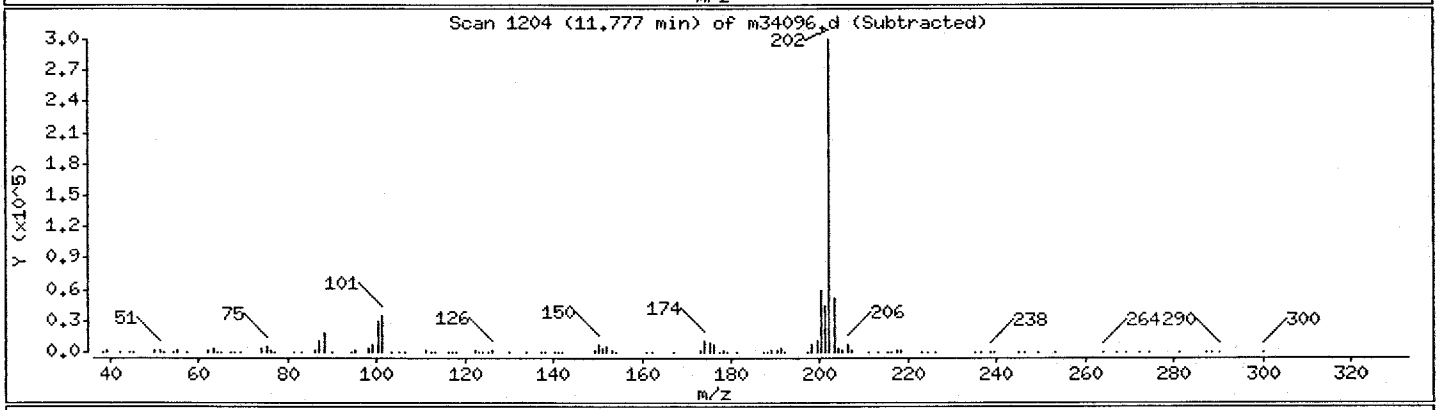
Sample Info: 908702;4225901

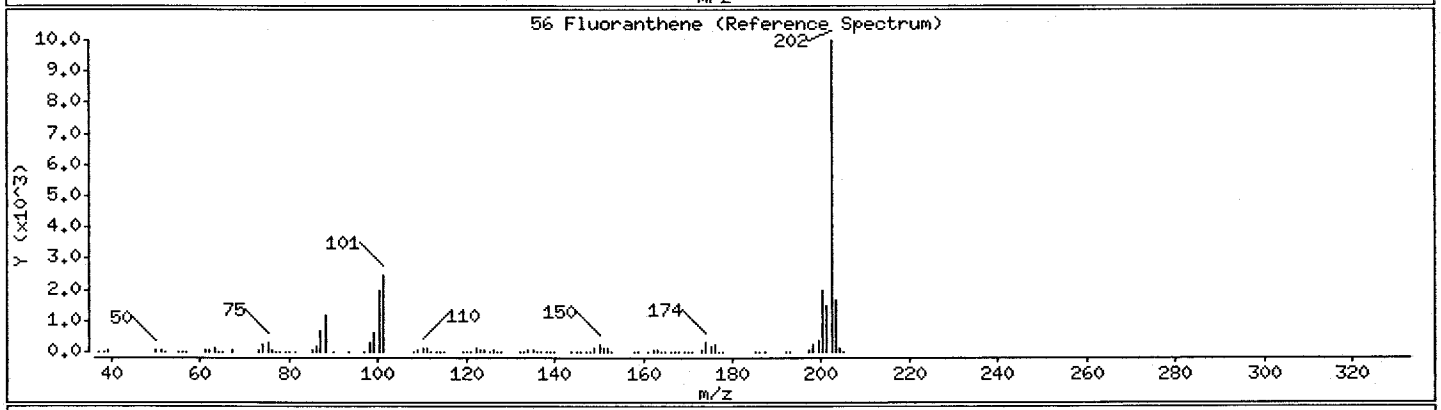
Operator: BNAMS 4

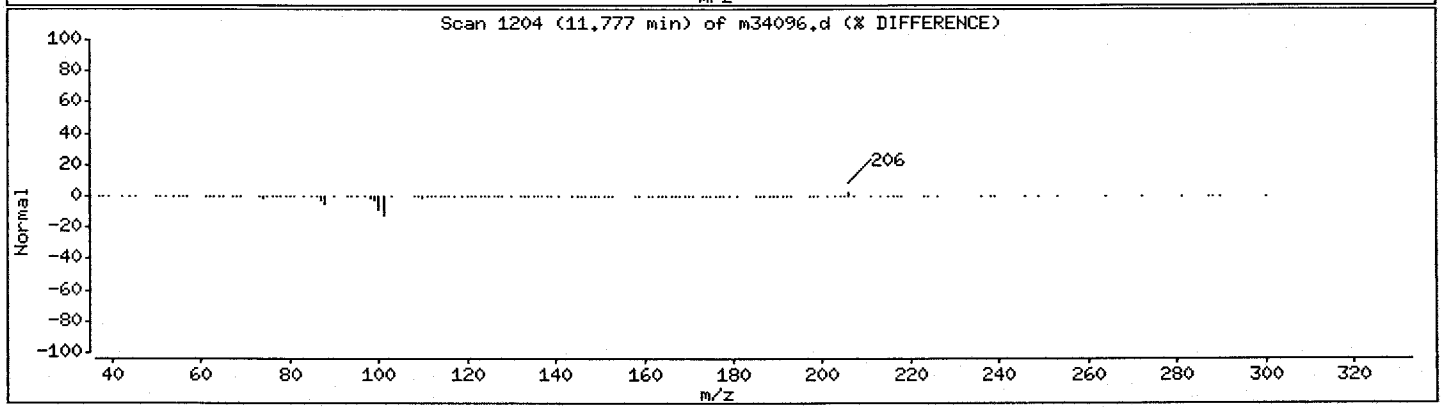
Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 670 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

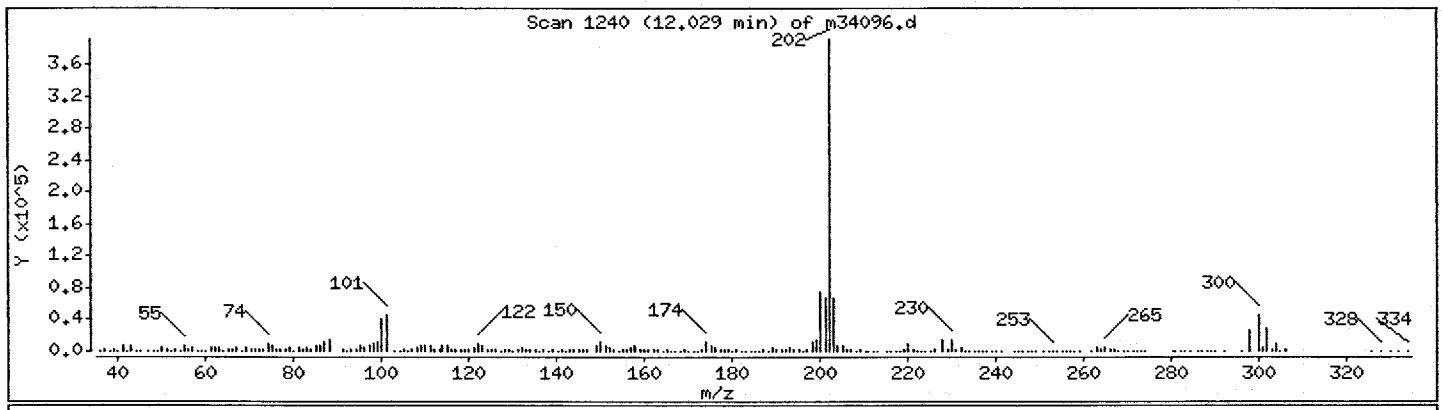
Client ID: 032608-1410 Instrument: BNAMS6.i

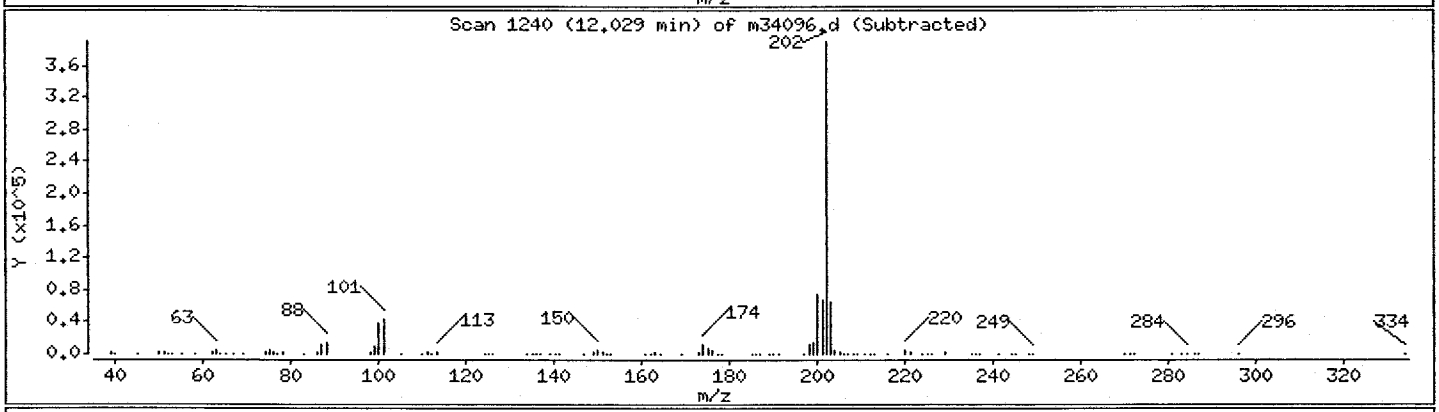
Sample Info: 908702;4225901

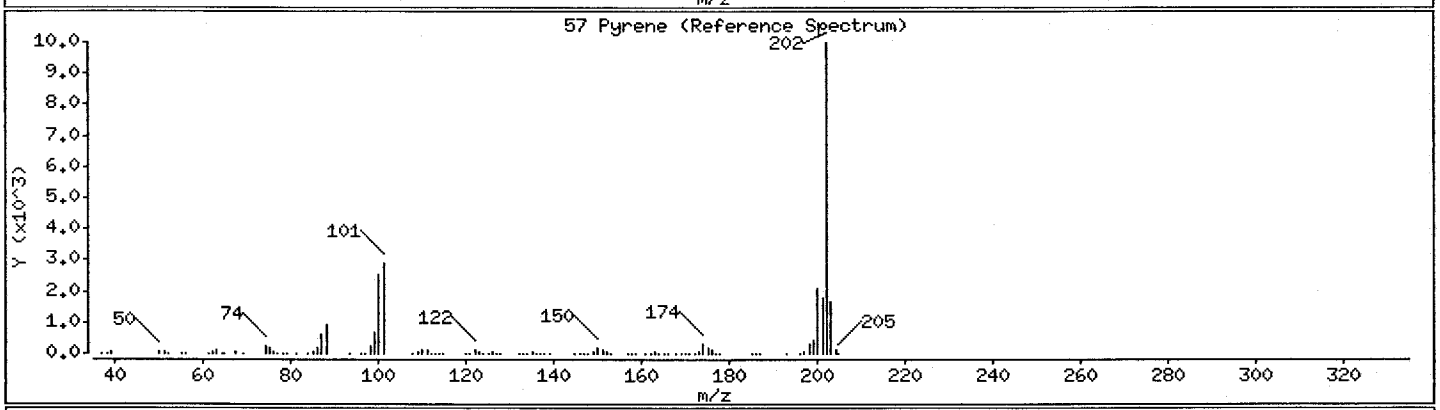
Operator: BNAMS 4

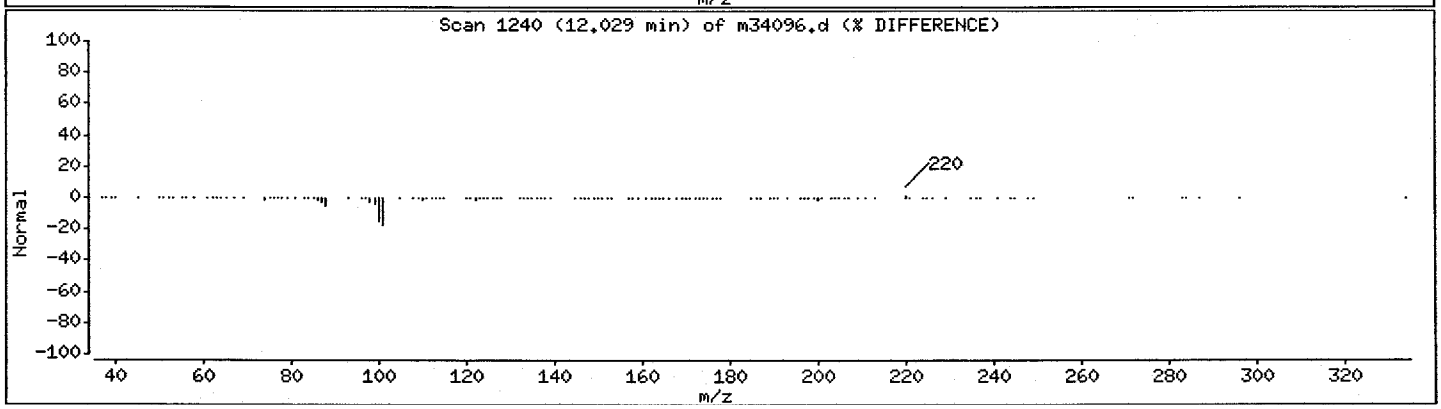
Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 1000 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

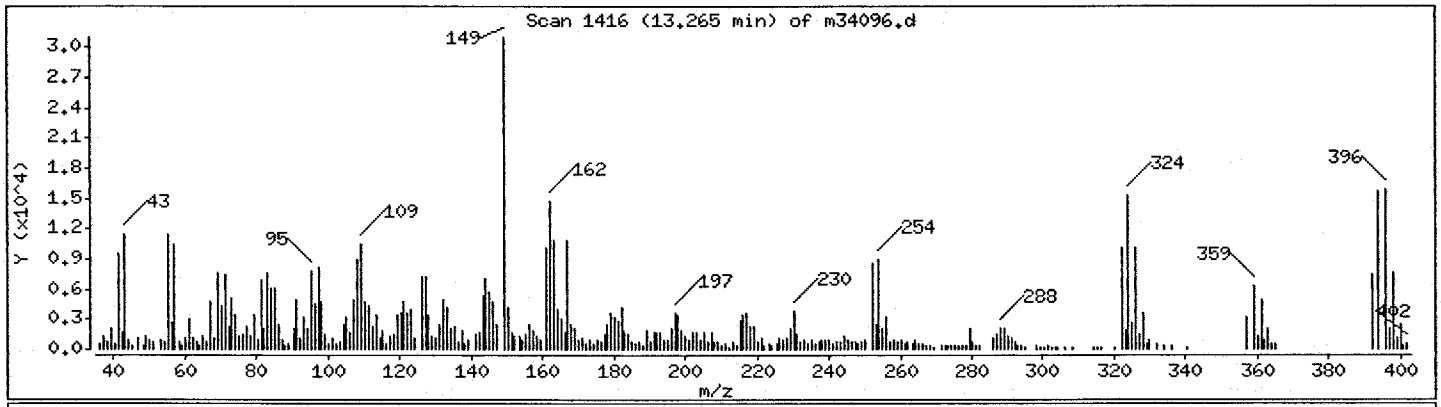
Client ID: 032608-1410 Instrument: BNAMS6.i

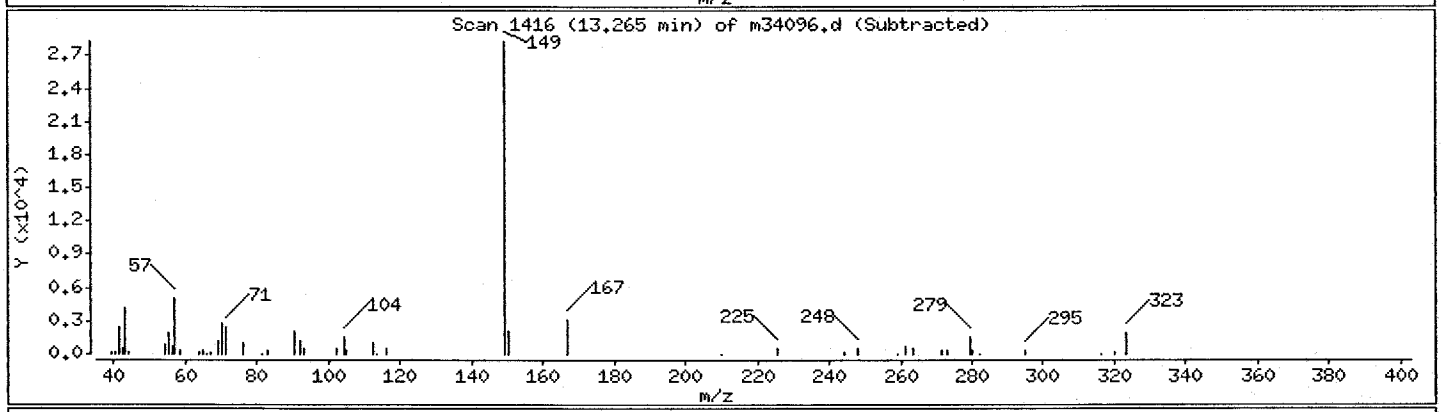
Sample Info: 908702;4225901

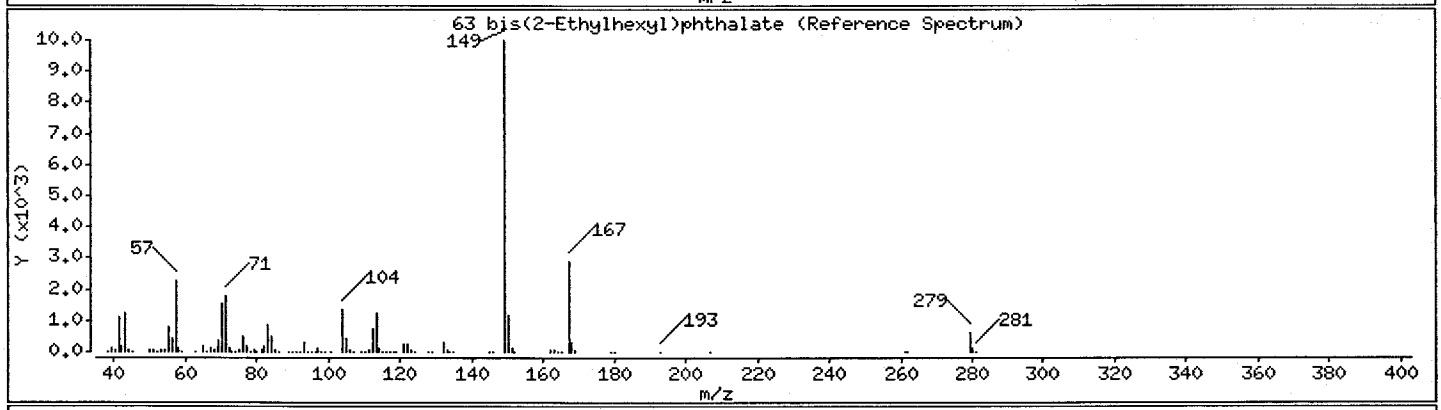
Operator: BNAMS 4

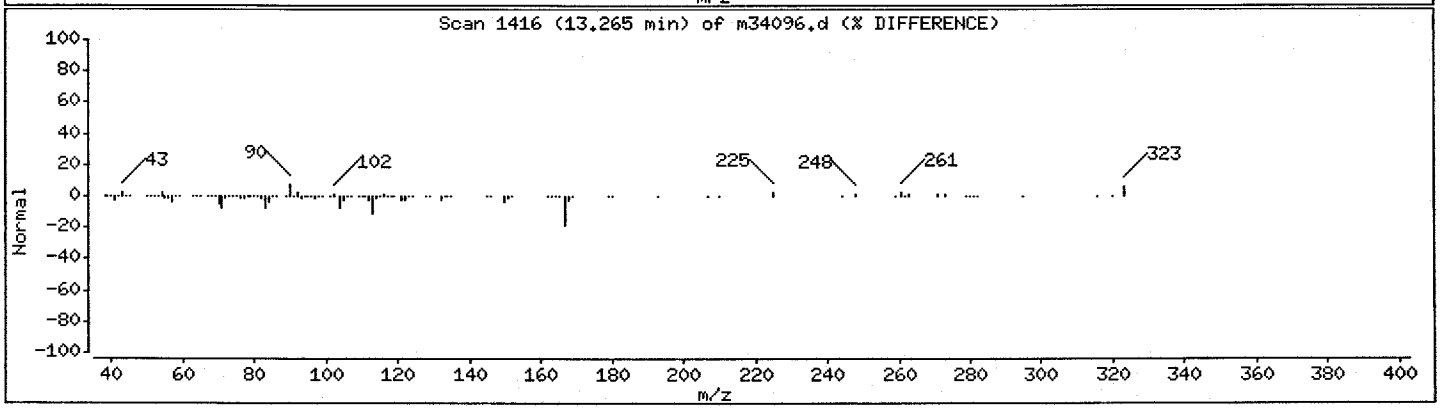
Column phase: DB-5 Column diameter: 0.25

63 bis(2-Ethylhexyl)phthalate Concentration: 93 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

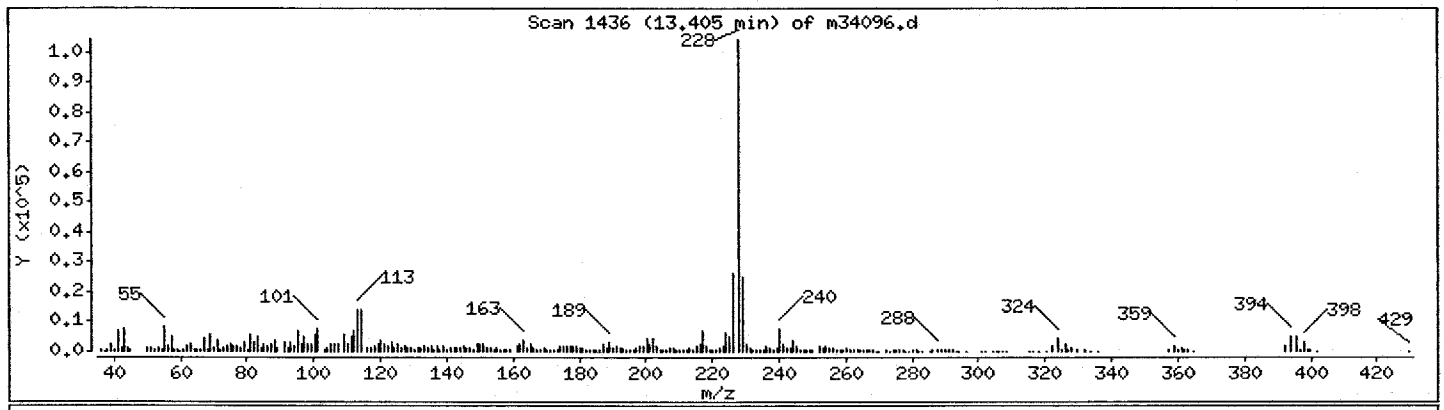
Client ID: 032608-1410 Instrument: BNAMS6.i

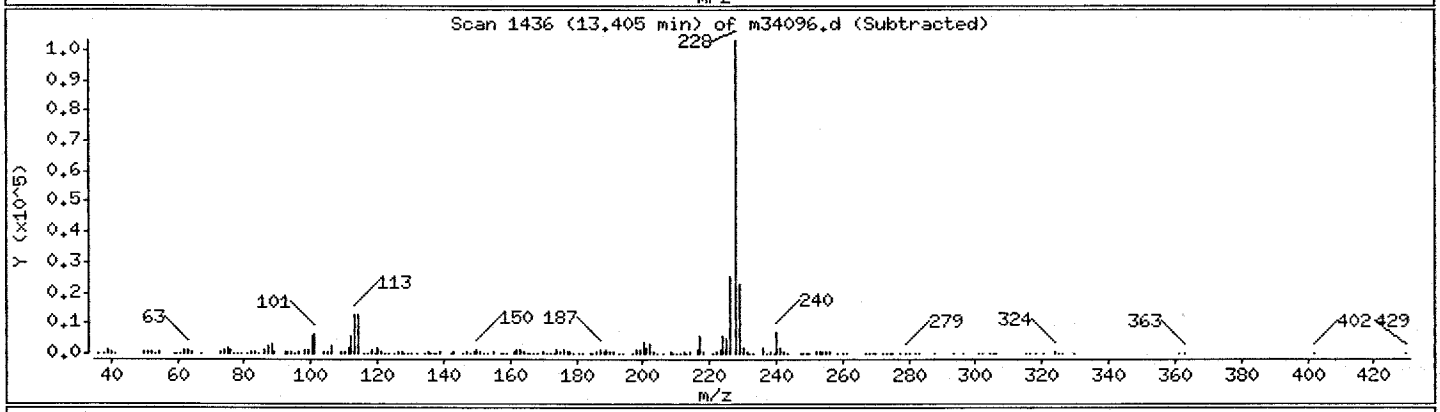
Sample Info: 908702;4225901

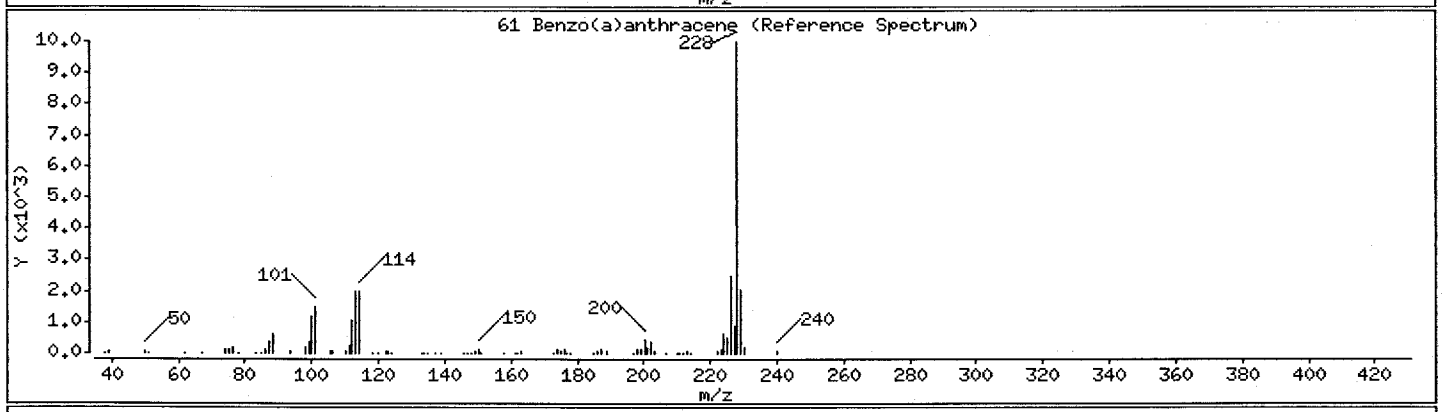
Operator: BNAMS 4

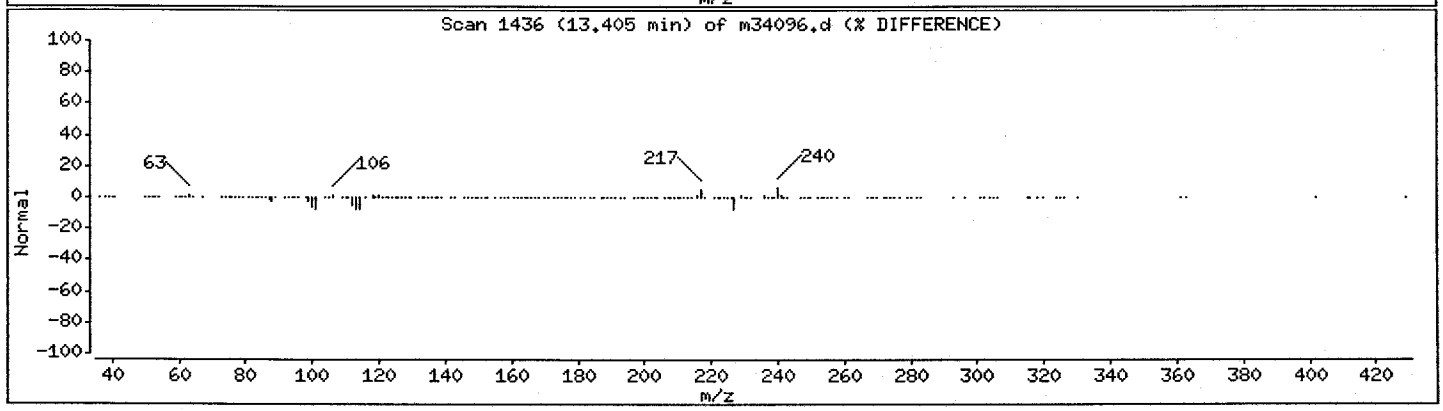
Column phase: DB-5 Column diameter: 0.25

61 Benzo(a)anthracene Concentration: 430 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

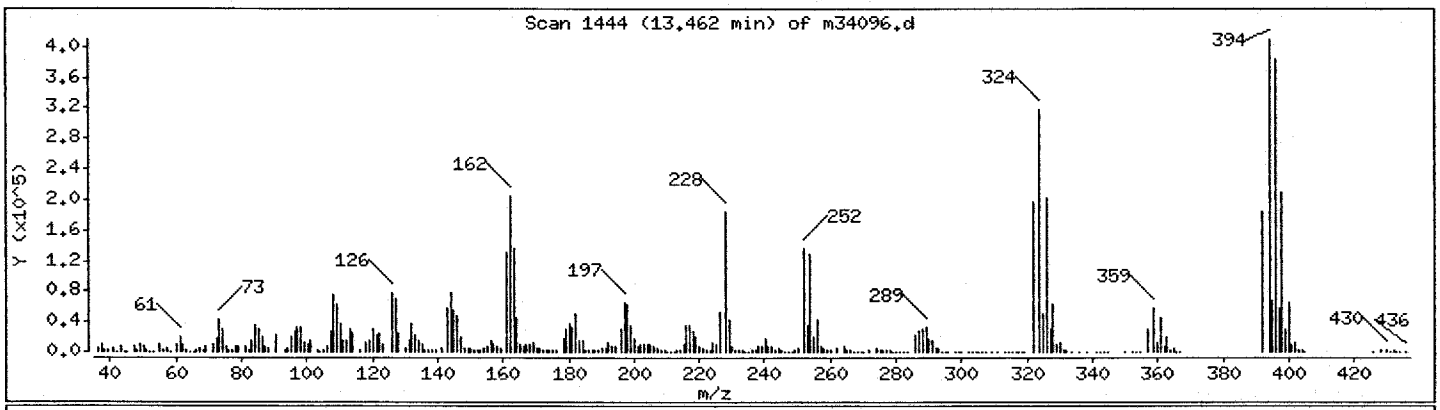
Client ID: 032608-1410 Instrument: BNAMS6.i

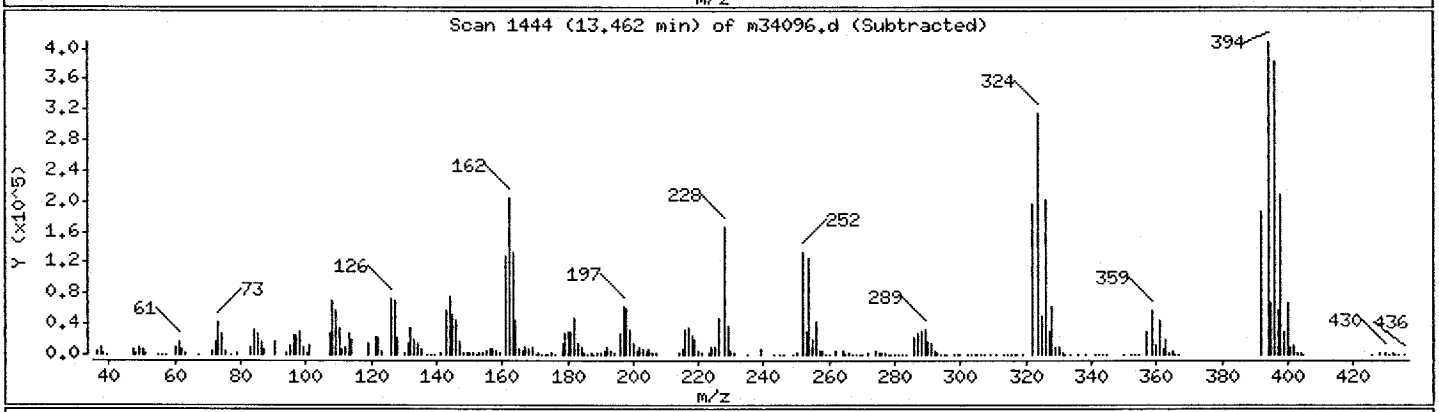
Sample Info: 908702;4225901

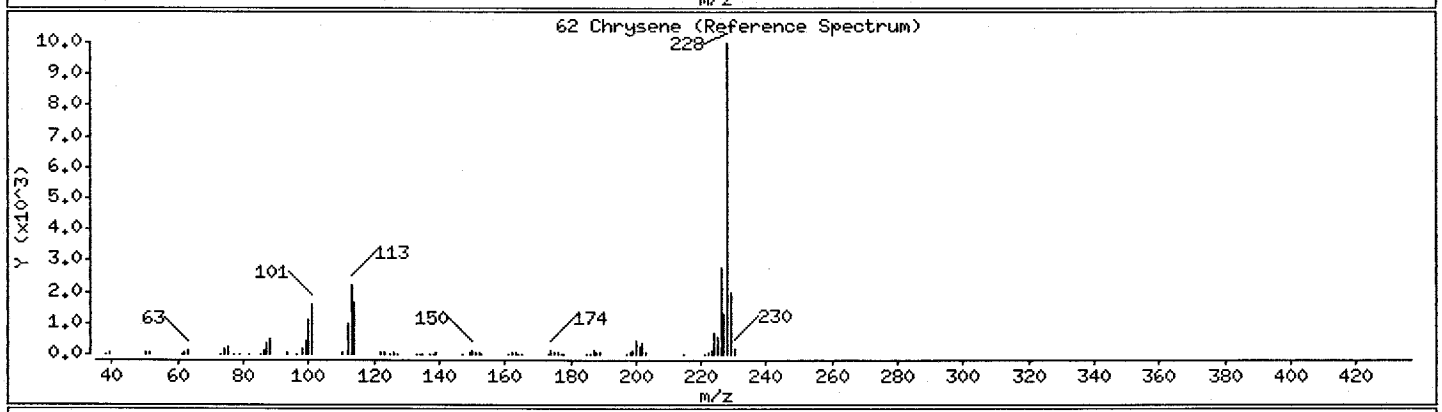
Operator: BNAMS 4

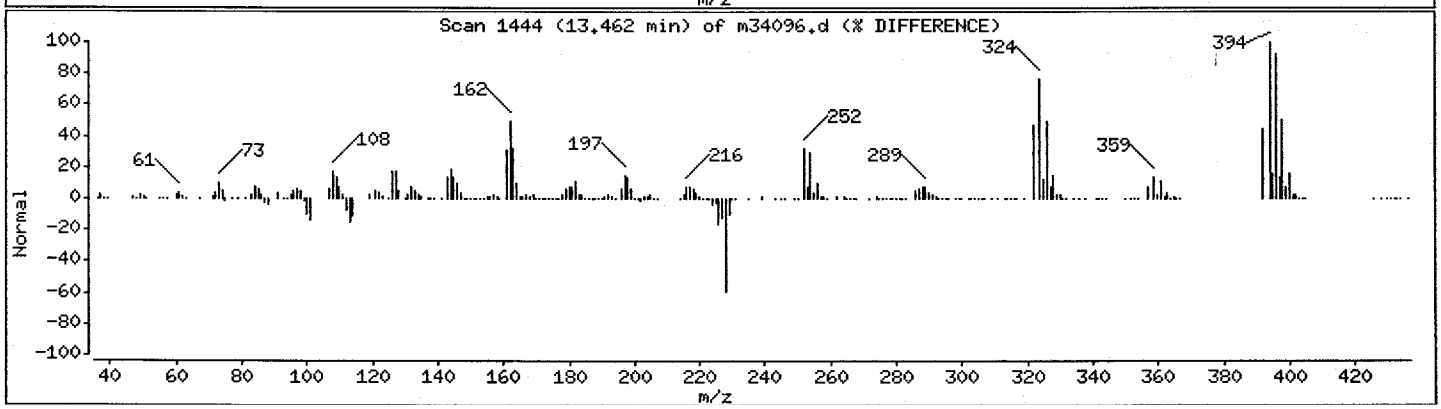
Column phase: DB-5 Column diameter: 0.25

62 Chrysene Concentration: 700 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

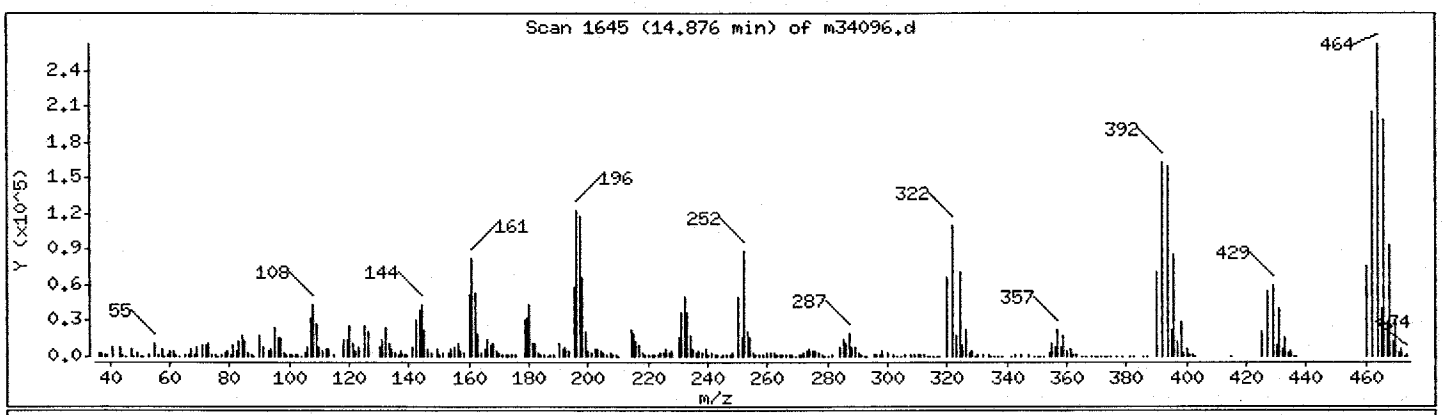
Client ID: 032608-1410 Instrument: BNAMS6.i

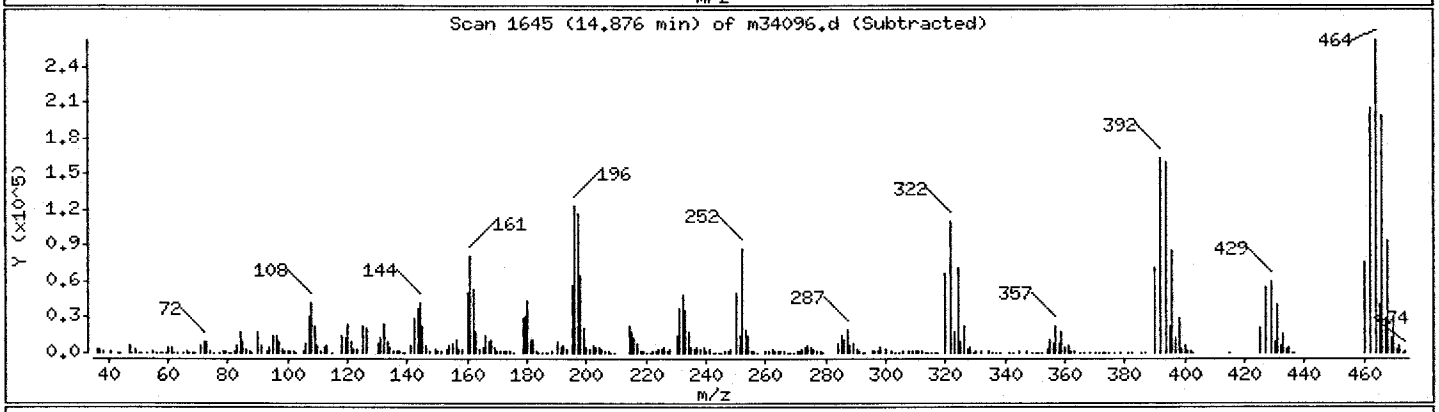
Sample Info: 908702;4225901

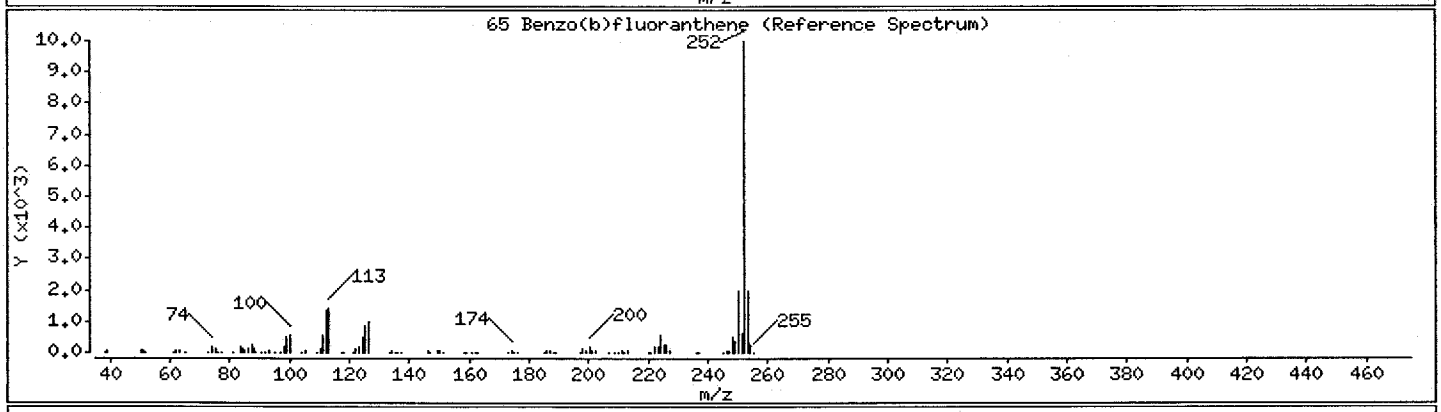
Operator: BNAMS 4

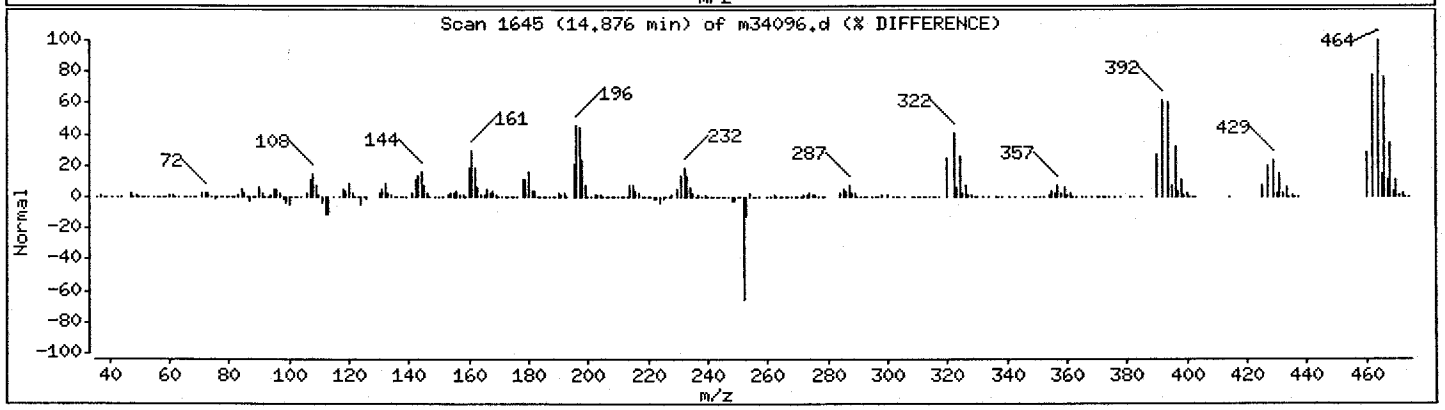
Column phase: DB-5 Column diameter: 0.25

65 Benzo(b)fluoranthene Concentration: 610 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

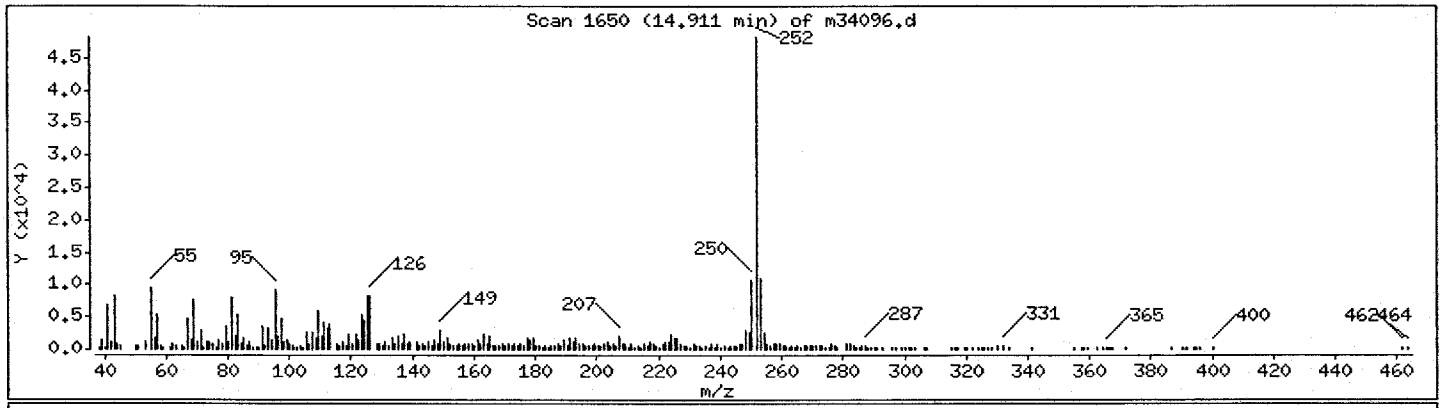
Client ID: 032608-1410 Instrument: BNAMS6.i

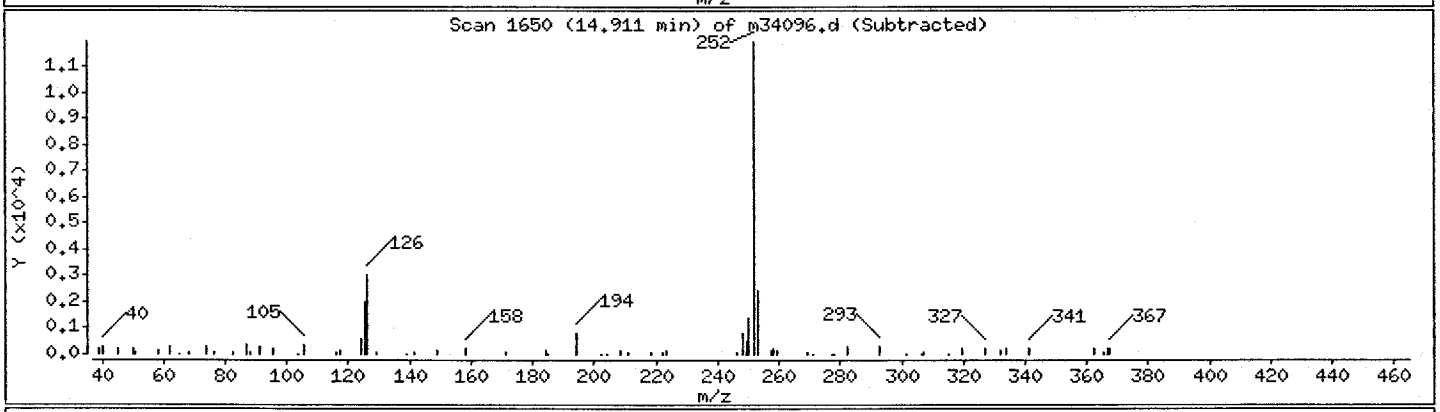
Sample Info: 908702;4225901

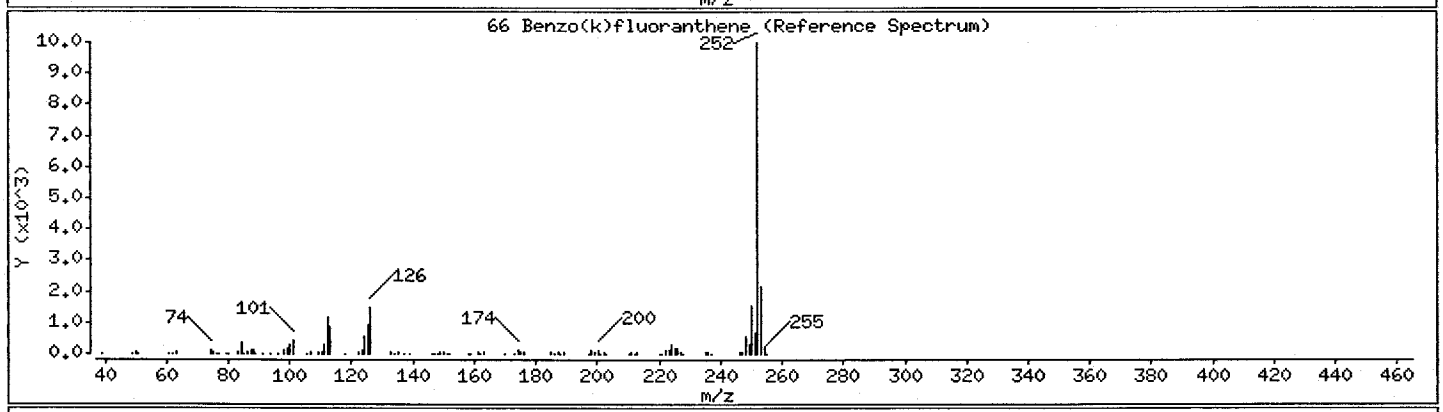
Operator: BNAMS 4

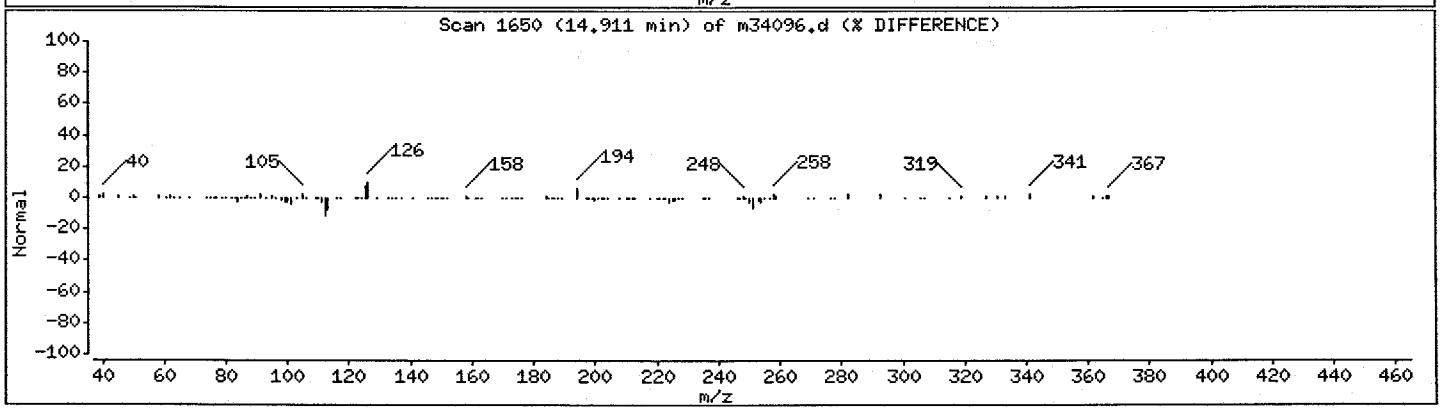
Column phase: DB-5 Column diameter: 0.25

66 Benzo(k)fluoranthene Concentration: 340 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

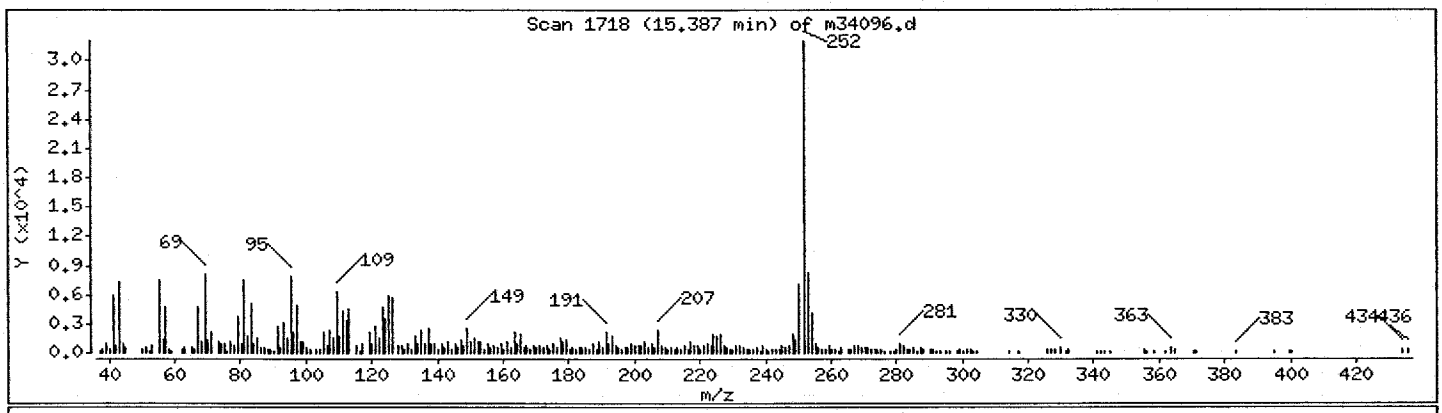
Client ID: 032608-1410 Instrument: BNAMS6.i

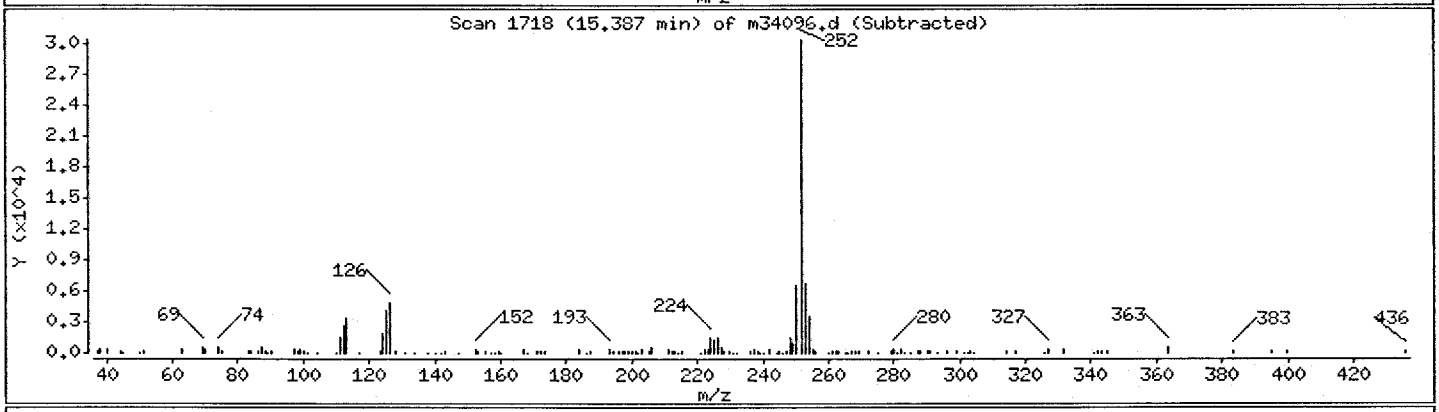
Sample Info: 908702;4225901

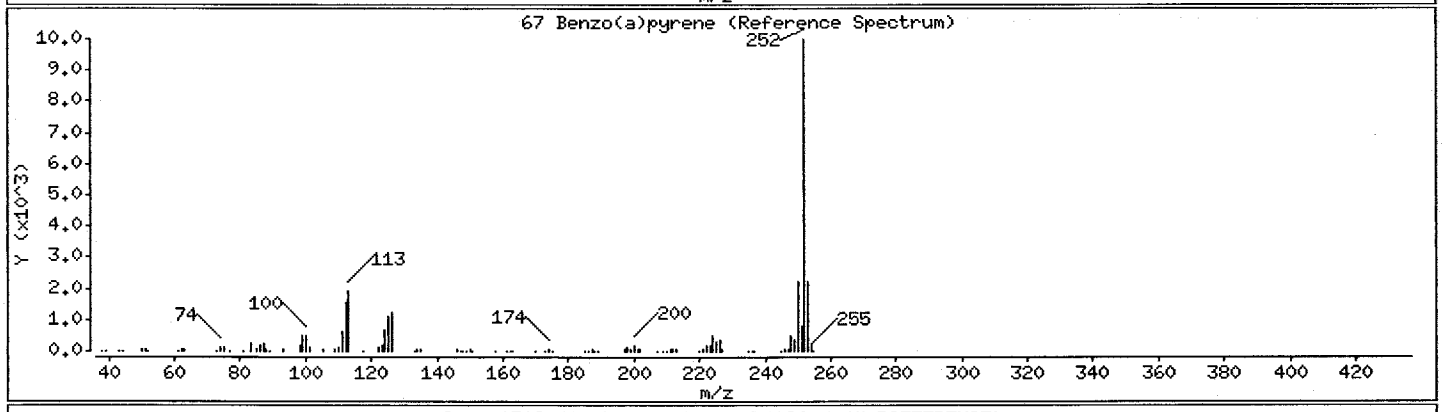
Operator: BNAMS 4

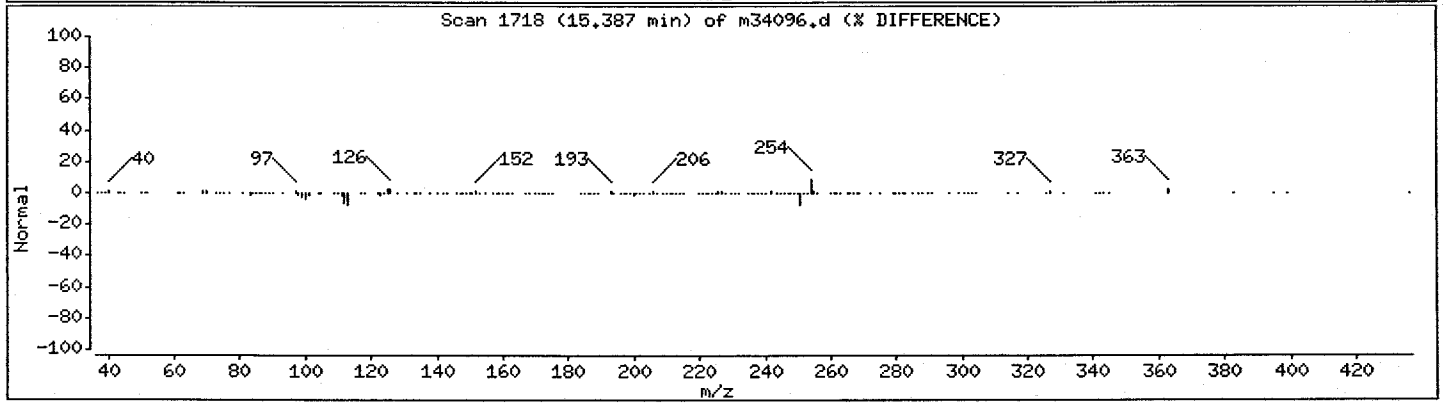
Column phase: DB-5 Column diameter: 0.25

67 Benzo(a)pyrene Concentration: 270 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

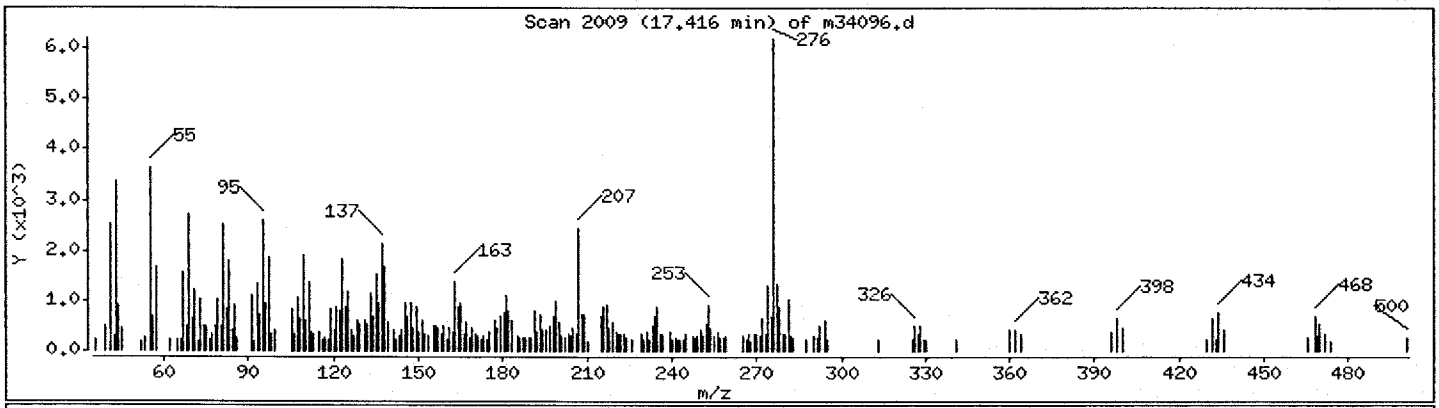
Client ID: 032608-1410 Instrument: BNAMS6.i

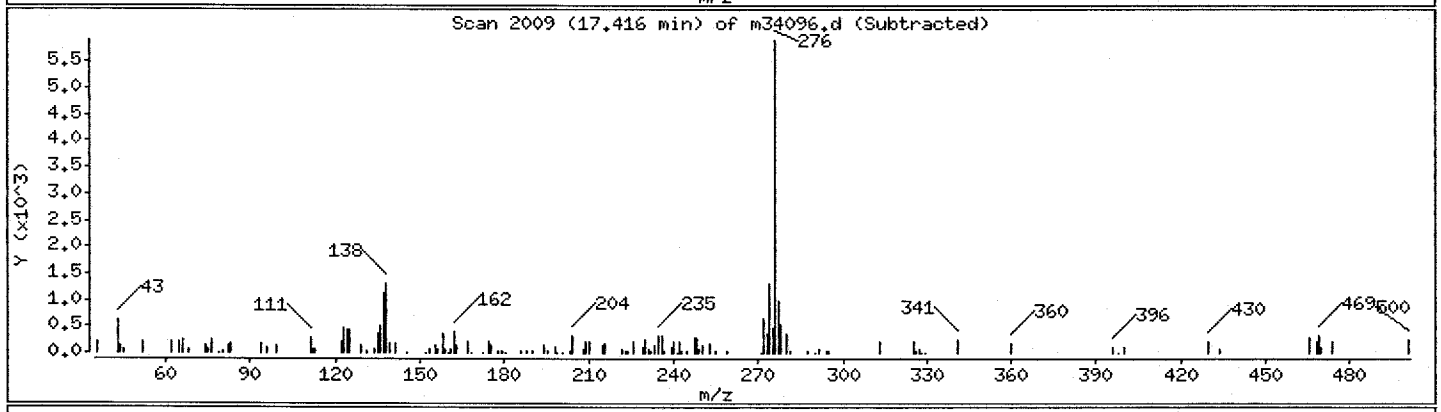
Sample Info: 908702;4225901

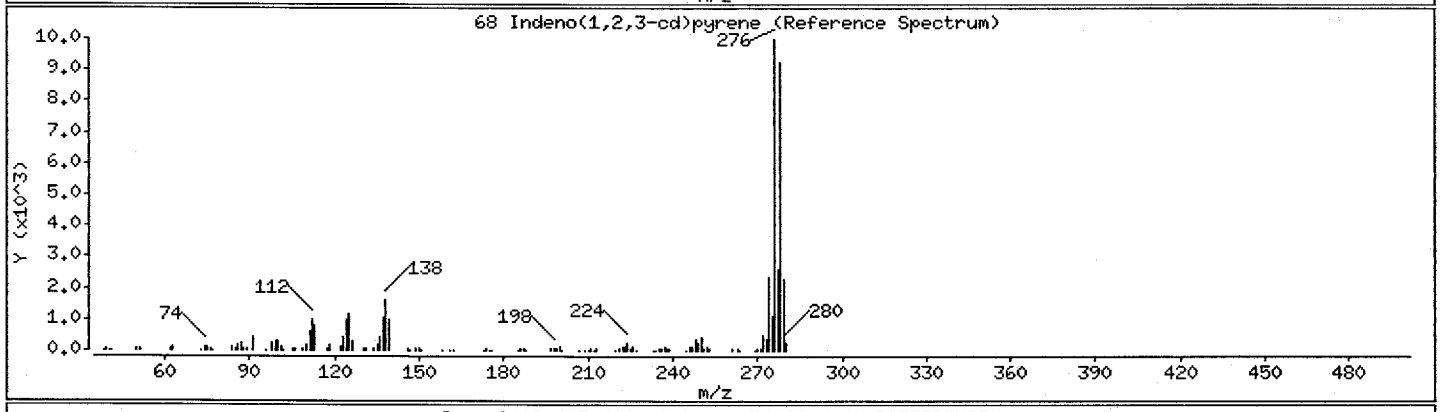
Operator: BNAMS 4

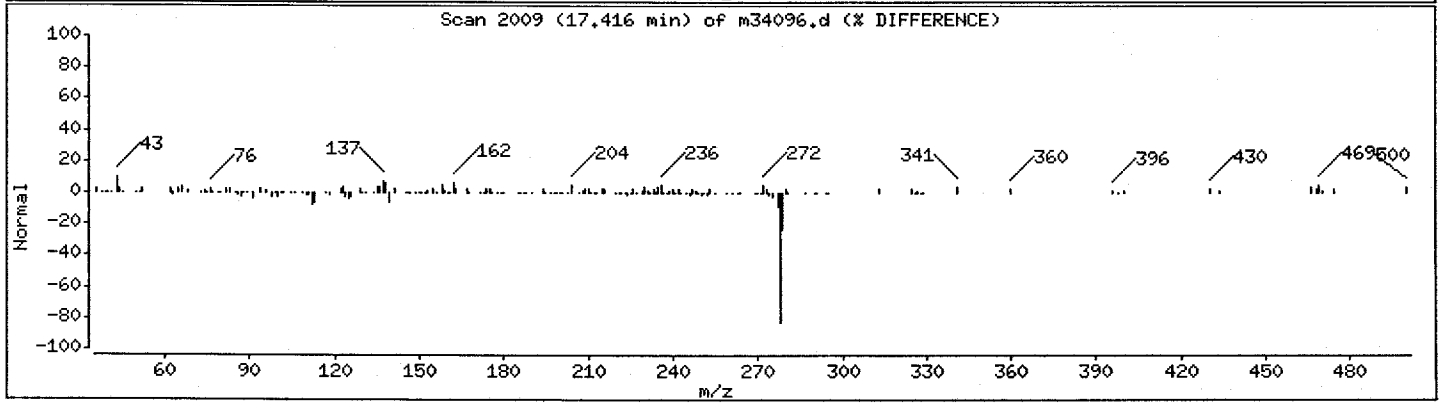
Column phase: DB-5 Column diameter: 0.25

68 Indeno(1,2,3-cd)pyrene Concentration: 81 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

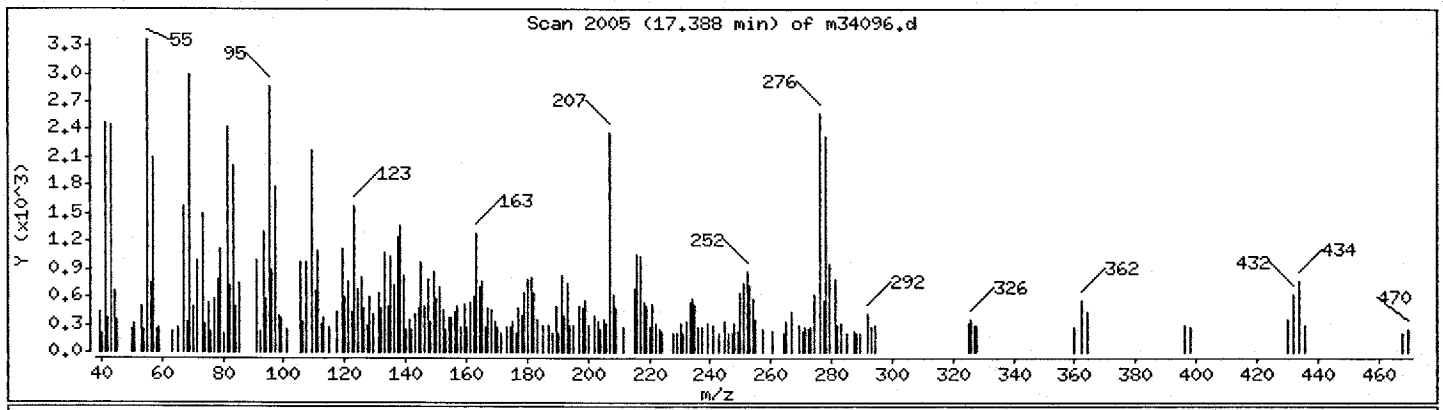
Client ID: 032608-1410 Instrument: BNAMS6.i

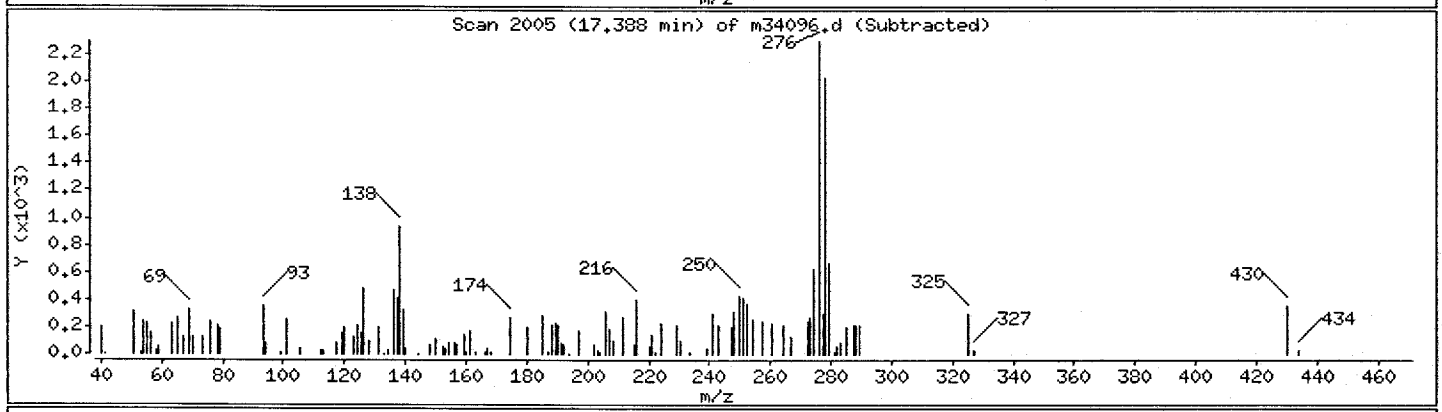
Sample Info: 908702;4225901

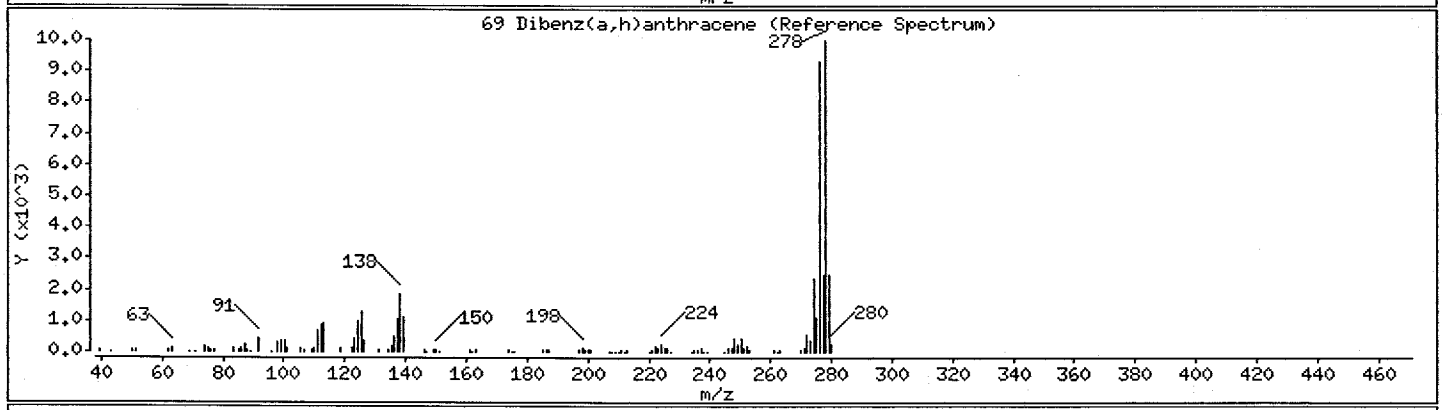
Operator: BNAMS 4

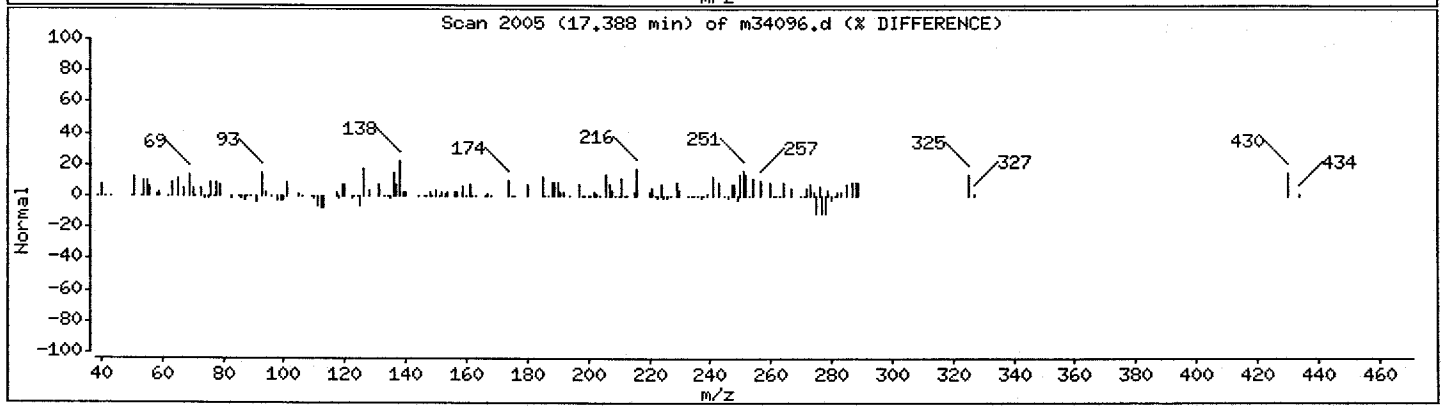
Column phase: DB-5 Column diameter: 0.25

69 Dibenz(a,h)anthracene Concentration: 30 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

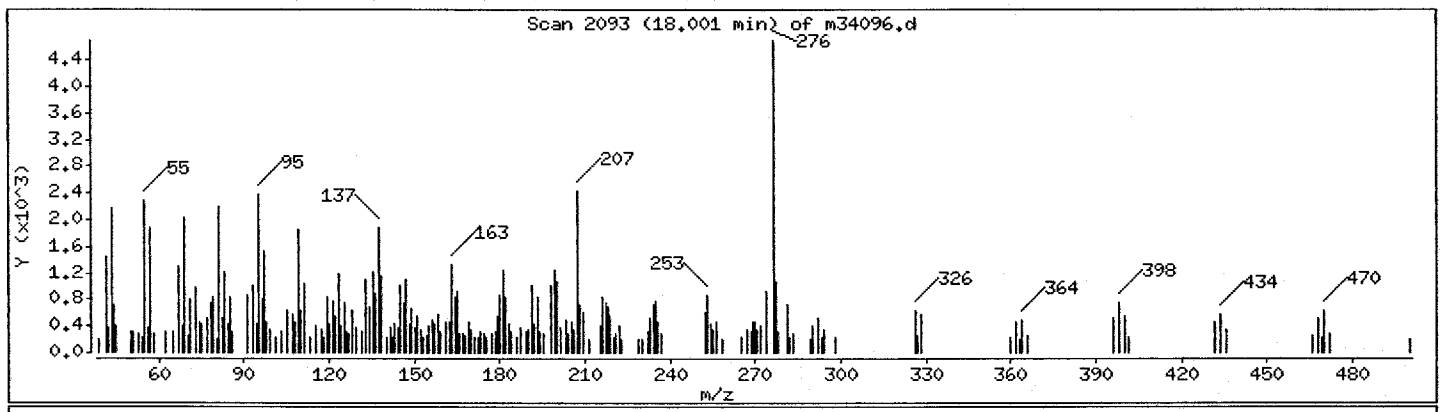
Client ID: 032608-1410 Instrument: BNAMS6.i

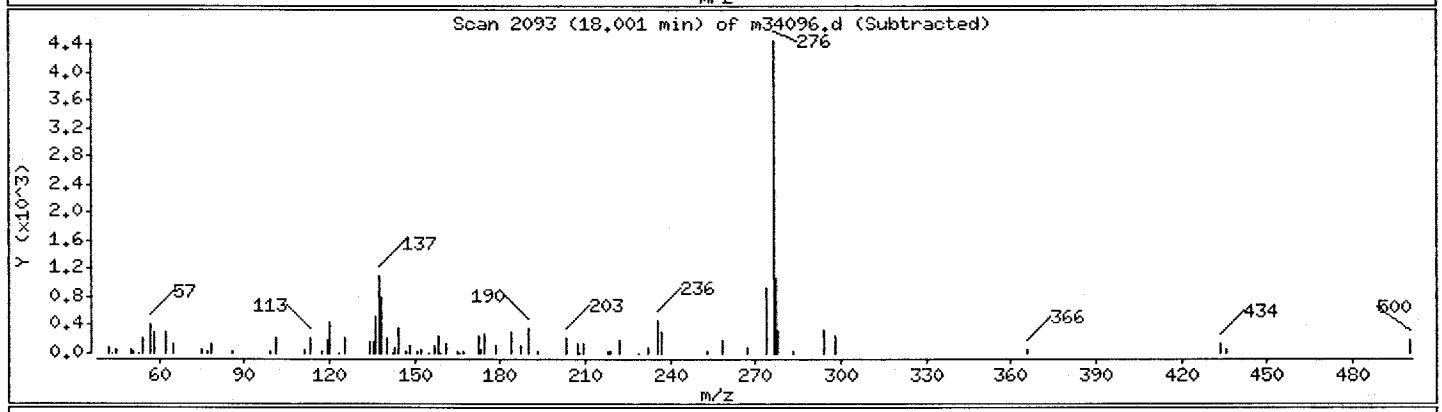
Sample Info: 908702;4225901

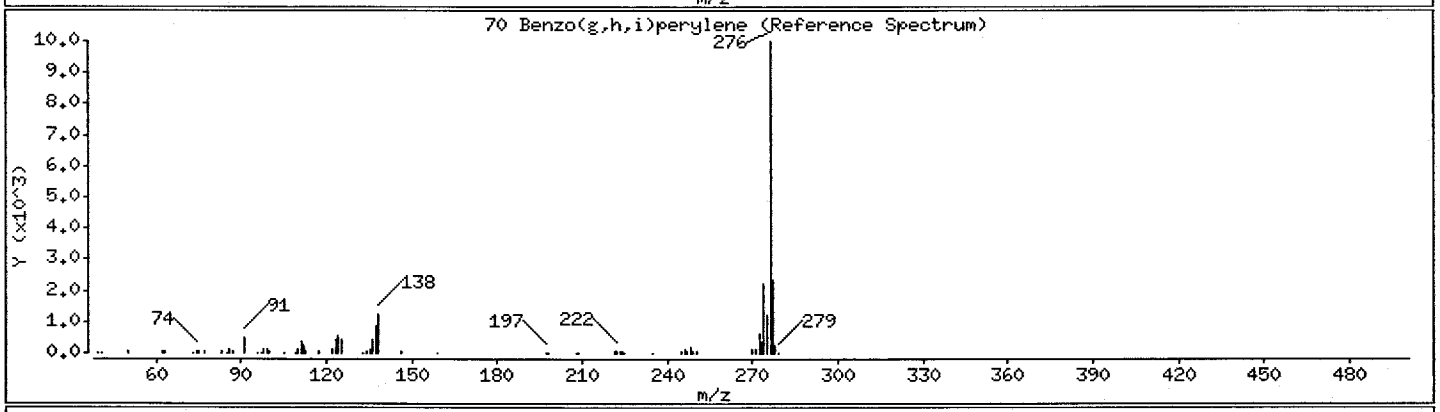
Operator: BNAMS 4

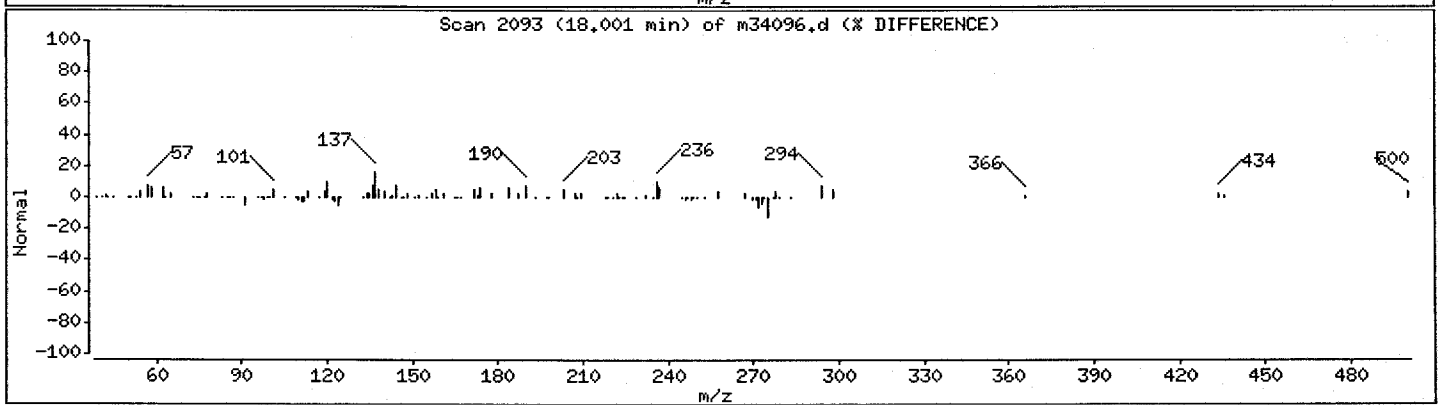
Column phase: DB-5 Column diameter: 0.25

70 Benzo(g,h,i)perylene Concentration: 87 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

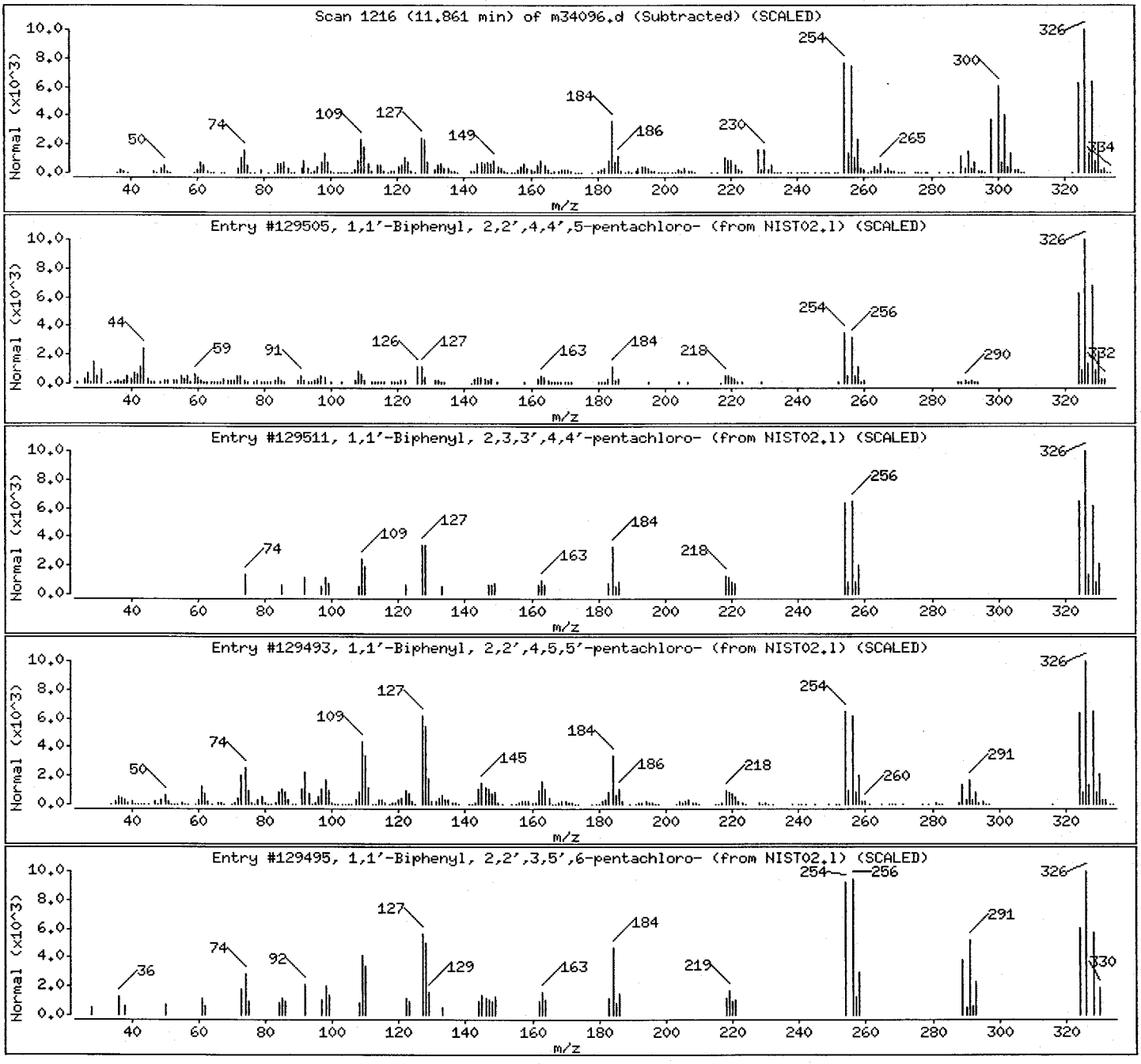
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',4,4',5-pentachloro-	38380-01-7	NIST02.l	129505	98	C12H5Cl5	324
1,1'-Biphenyl, 2,3,3',4,4'-pentachloro-	32598-14-4	NIST02.l	129511	97	C12H5Cl5	324
1,1'-Biphenyl, 2,2',4,5,5'-pentachloro-	37680-73-2	NIST02.l	129493	96	C12H5Cl5	324
1,1'-Biphenyl, 2,2',3,5',6-pentachloro-	38379-99-6	NIST02.l	129495	95	C12H5Cl5	324



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Date : 08-APR-2008 14:26

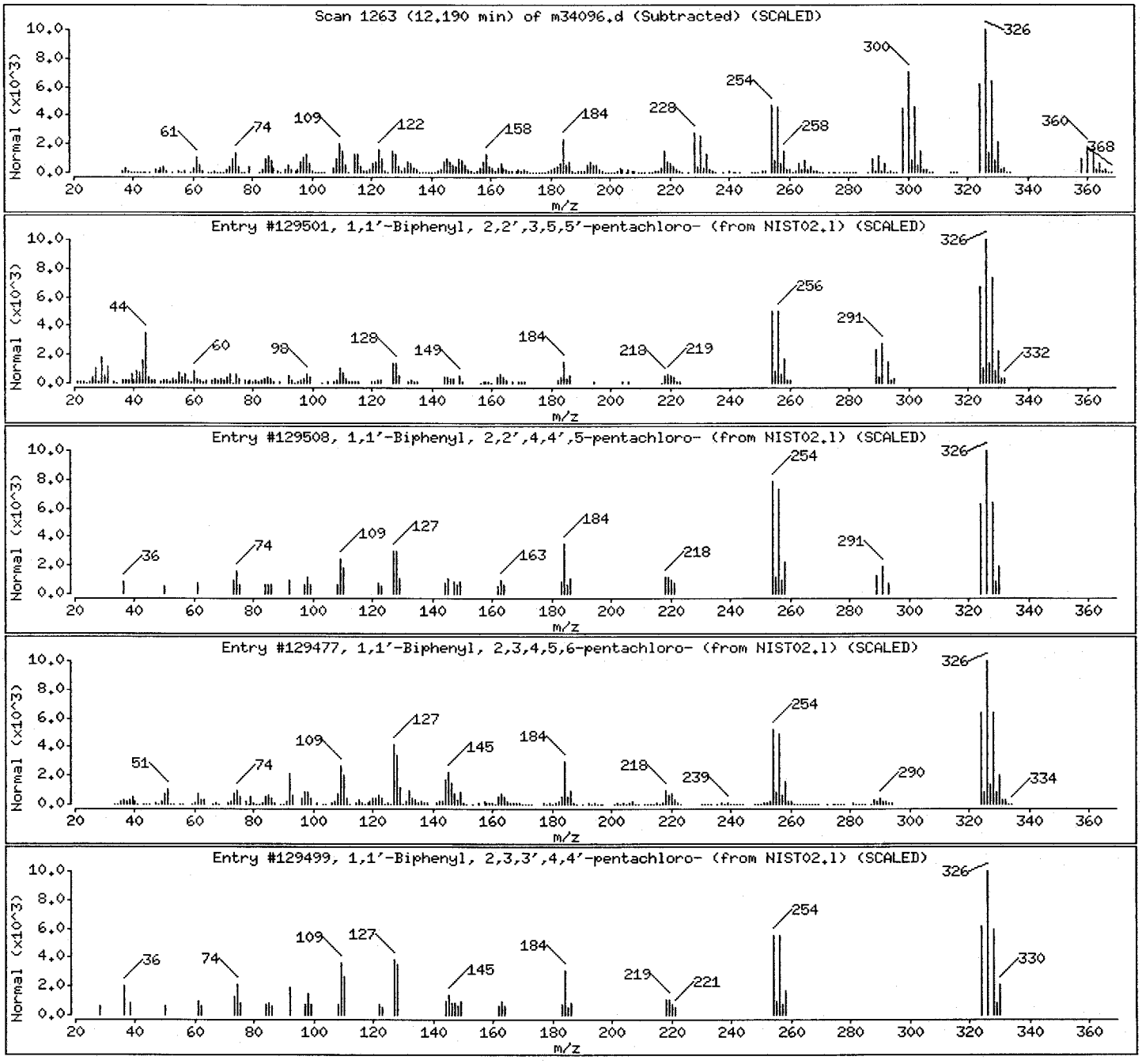
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,5,5'-pentachloro-	52663-61-3	NIST02.l	129501	99	C12H5Cl5	324
1,1'-Biphenyl, 2,2',4,4',5-pentachloro-	38380-01-7	NIST02.l	129508	98	C12H5Cl5	324
1,1'-Biphenyl, 2,3,4,5,6-pentachloro-	18259-05-7	NIST02.l	129477	97	C12H5Cl5	324
1,1'-Biphenyl, 2,3,3',4,4'-pentachloro-	32598-14-4	NIST02.l	129499	96	C12H5Cl5	324



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

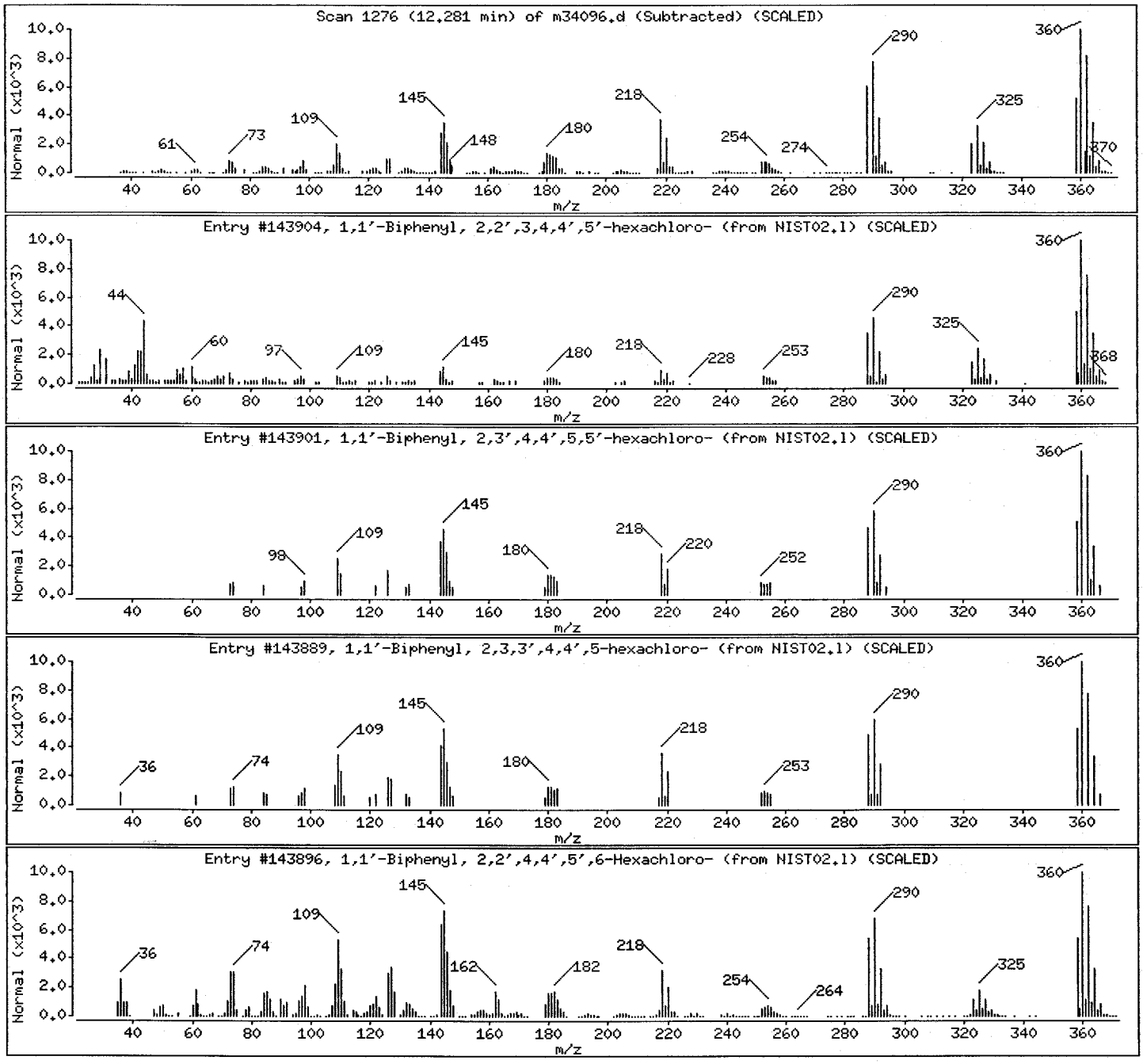
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	99	C12H4Cl6	358
1,1'-Biphenyl, 2,3',4,4',5,5'-hexachloro	52663-72-6	NIST02.l	143901	99	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143889	98	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5',6-Hexachloro	60145-22-4	NIST02.l	143896	98	C12H4Cl6	358



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

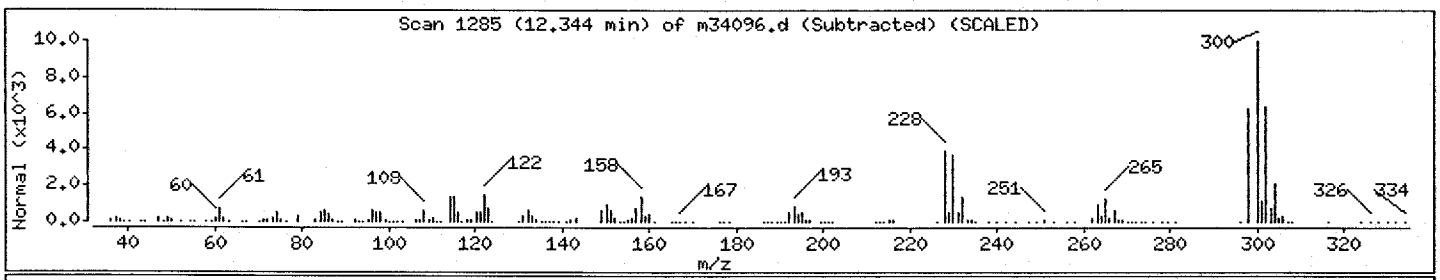
Client ID: 032608-1410 Instrument: BNAMS6.i

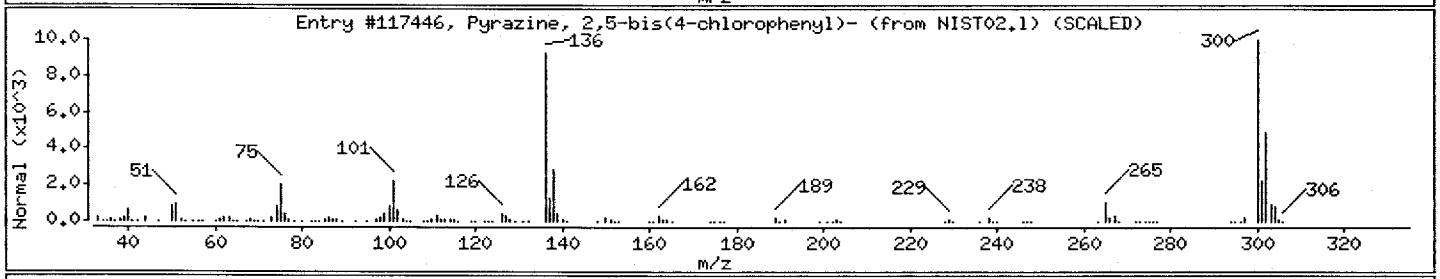
Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Pyrazine, 2,5-bis(4-chlorophenyl)-	74376-33-3	NIST02.l	117446	25	C16H10Cl2N2	300





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Date : 08-APR-2008 14:26

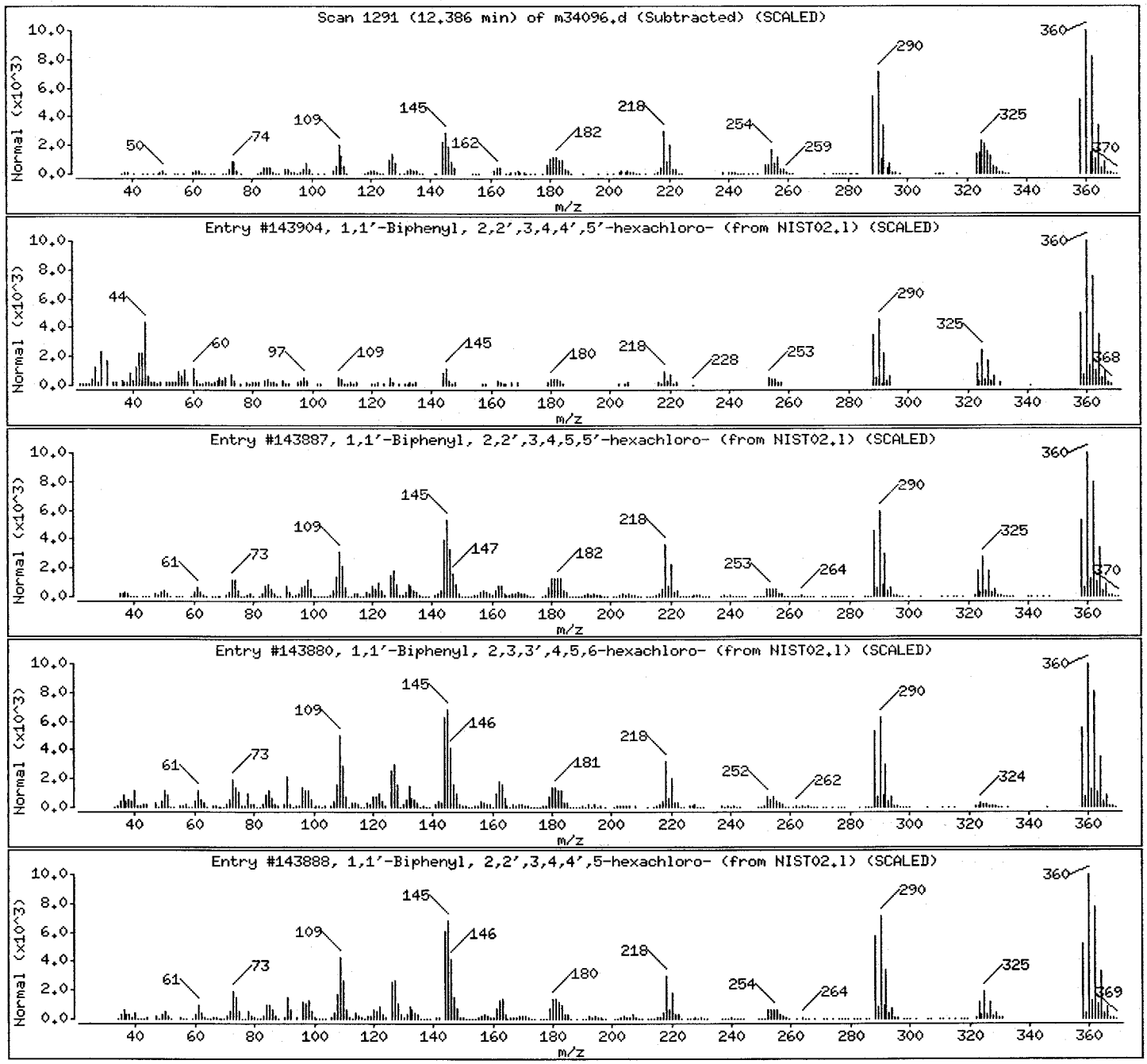
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,5,5'-hexachloro-	52712-04-6	NIST02.l	143887	98	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,5,6-hexachloro-	41411-62-5	NIST02.l	143880	98	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5-hexachloro-	35694-06-5	NIST02.l	143888	98	C12H4Cl6	358



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Date : 08-APR-2008 14:26

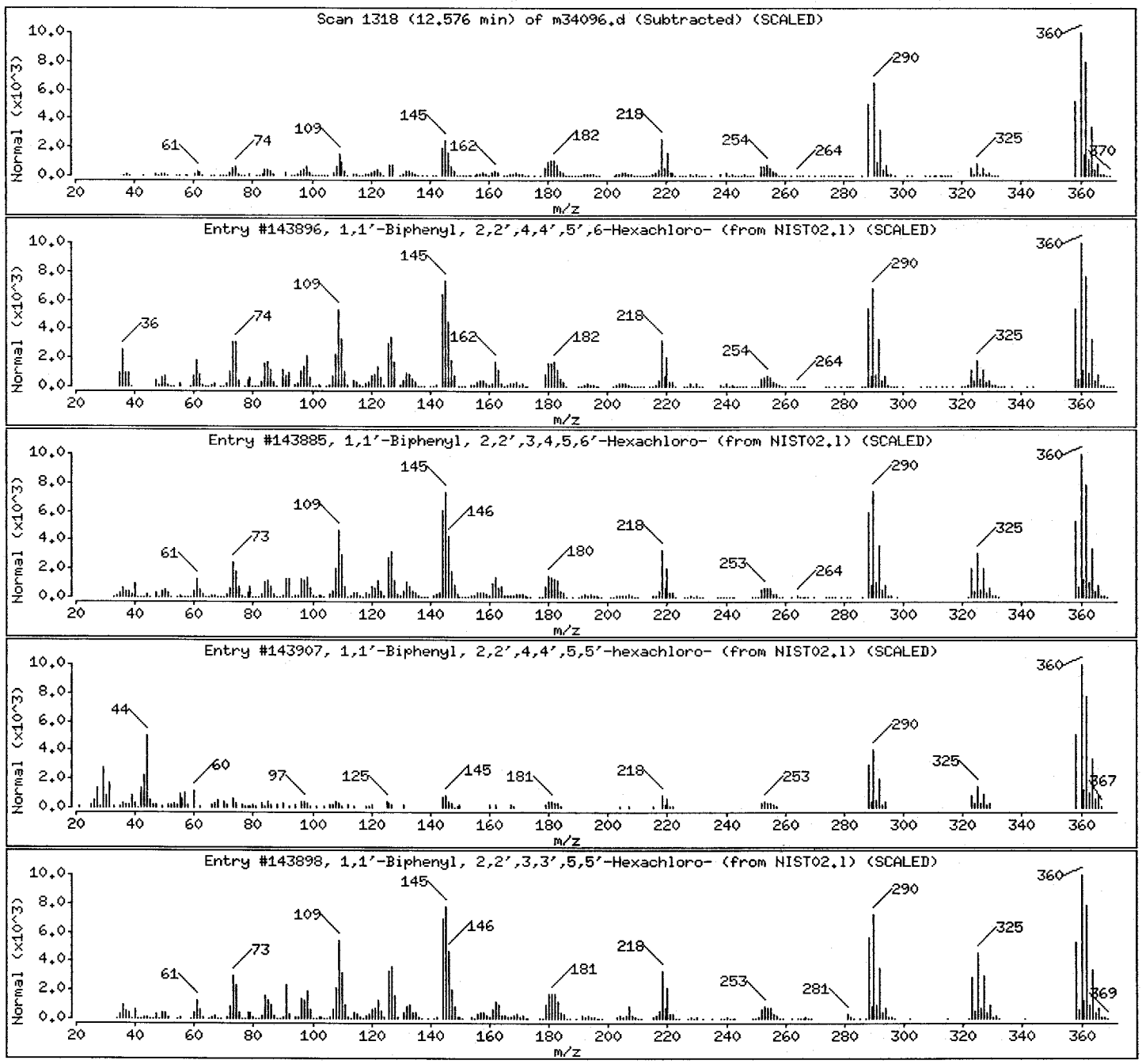
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',4,4',5',6-Hexachloro	60145-22-4	NIST02.l	143896	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,5,6'-Hexachloro-	68194-15-0	NIST02.l	143885	95	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	35065-27-1	NIST02.l	143907	95	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',5,5'-Hexachloro	35694-04-3	NIST02.l	143898	94	C12H4Cl6	358



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Date : 08-APR-2008 14:26

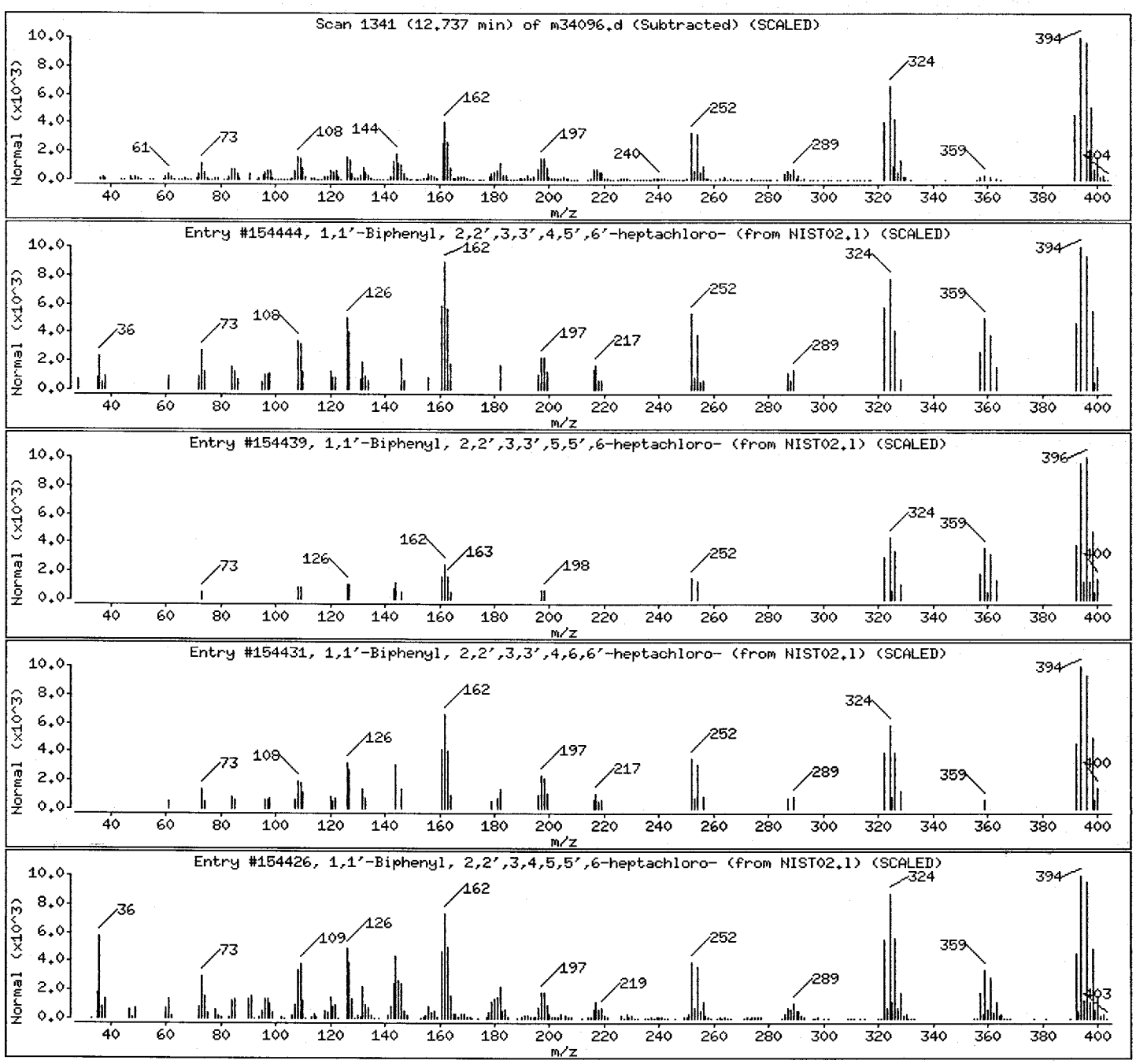
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5',6'-heptach	52663-70-4	NIST02.l	154444	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	52663-65-7	NIST02.l	154431	95	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,5,5',6-heptachlo	52712-05-7	NIST02.l	154426	95	C12H3Cl7	392



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Date : 08-APR-2008 14:26

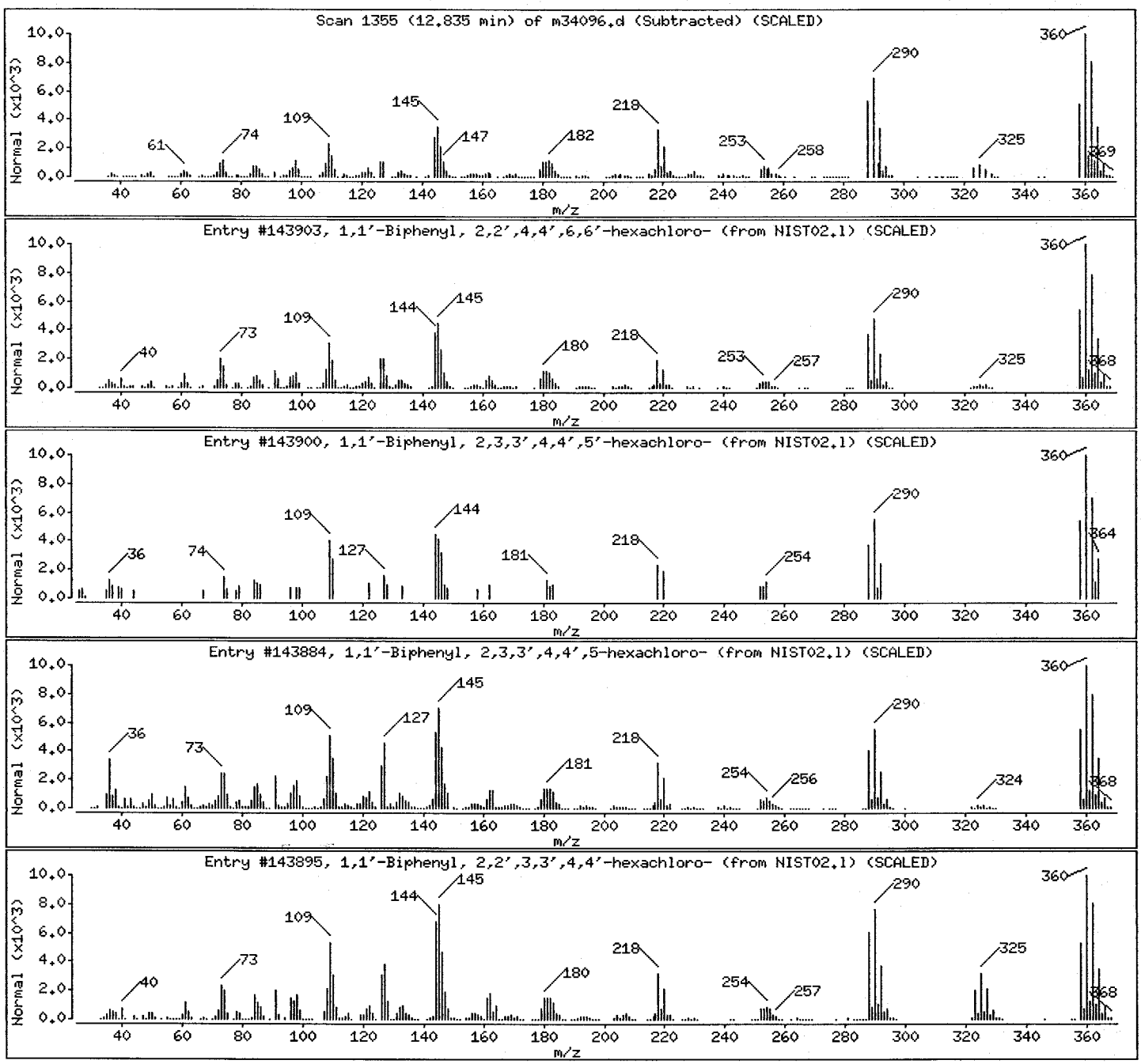
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	33979-03-2	NIST02.l	143903	98	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,4',5'-hexachloro	69782-90-7	NIST02.l	143900	95	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143884	95	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,4'-hexachloro	38380-07-3	NIST02.l	143895	95	C12H4Cl6	358



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

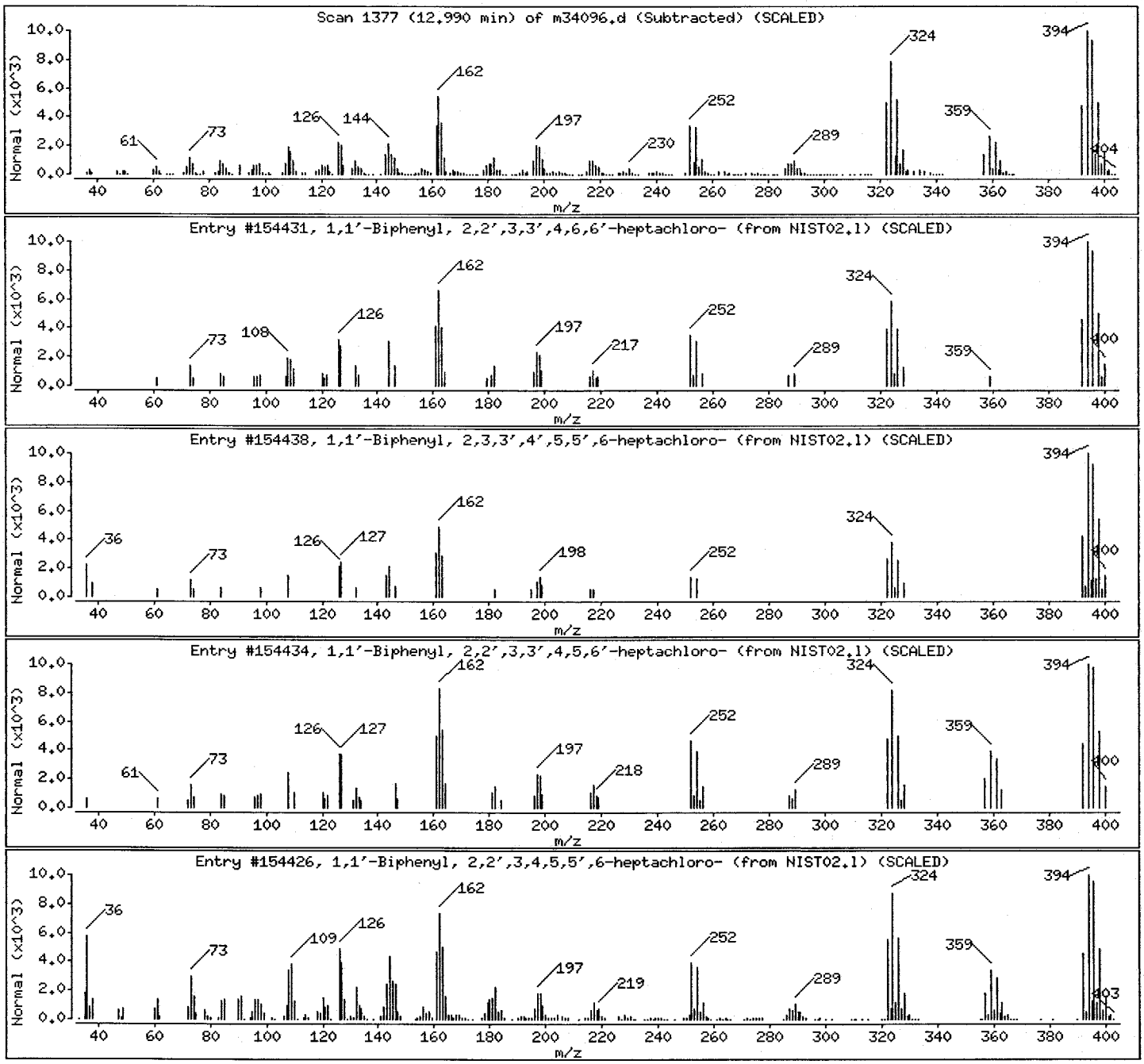
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	52663-65-7	NIST02.l	154431	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,5,6'-heptachl	38411-25-5	NIST02.l	154434	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,5,5',6-heptachlo	52712-05-7	NIST02.l	154426	98	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

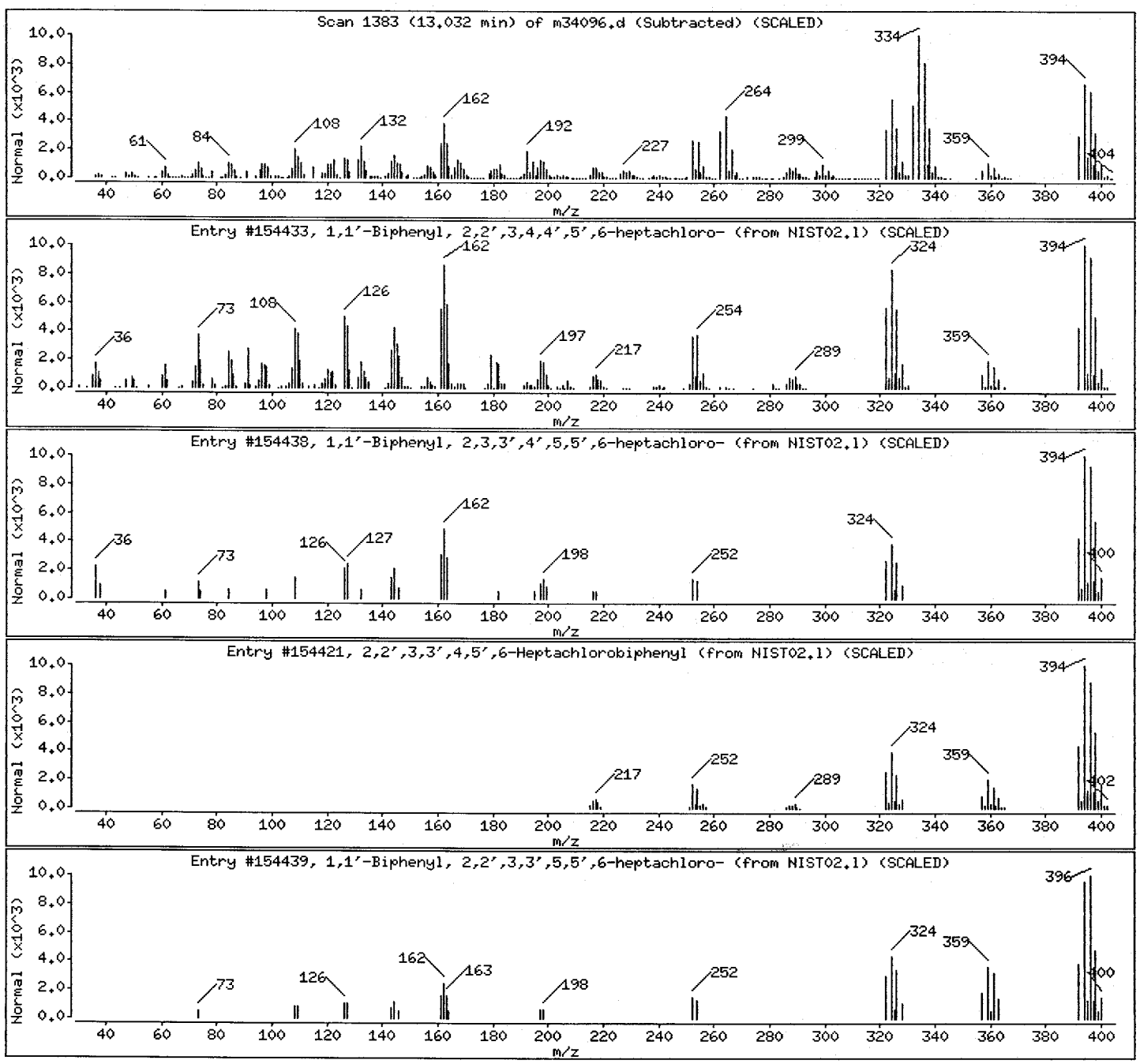
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5',6-heptachl	52663-69-1	NIST02.l	154433	94	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	92	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	91	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	48	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

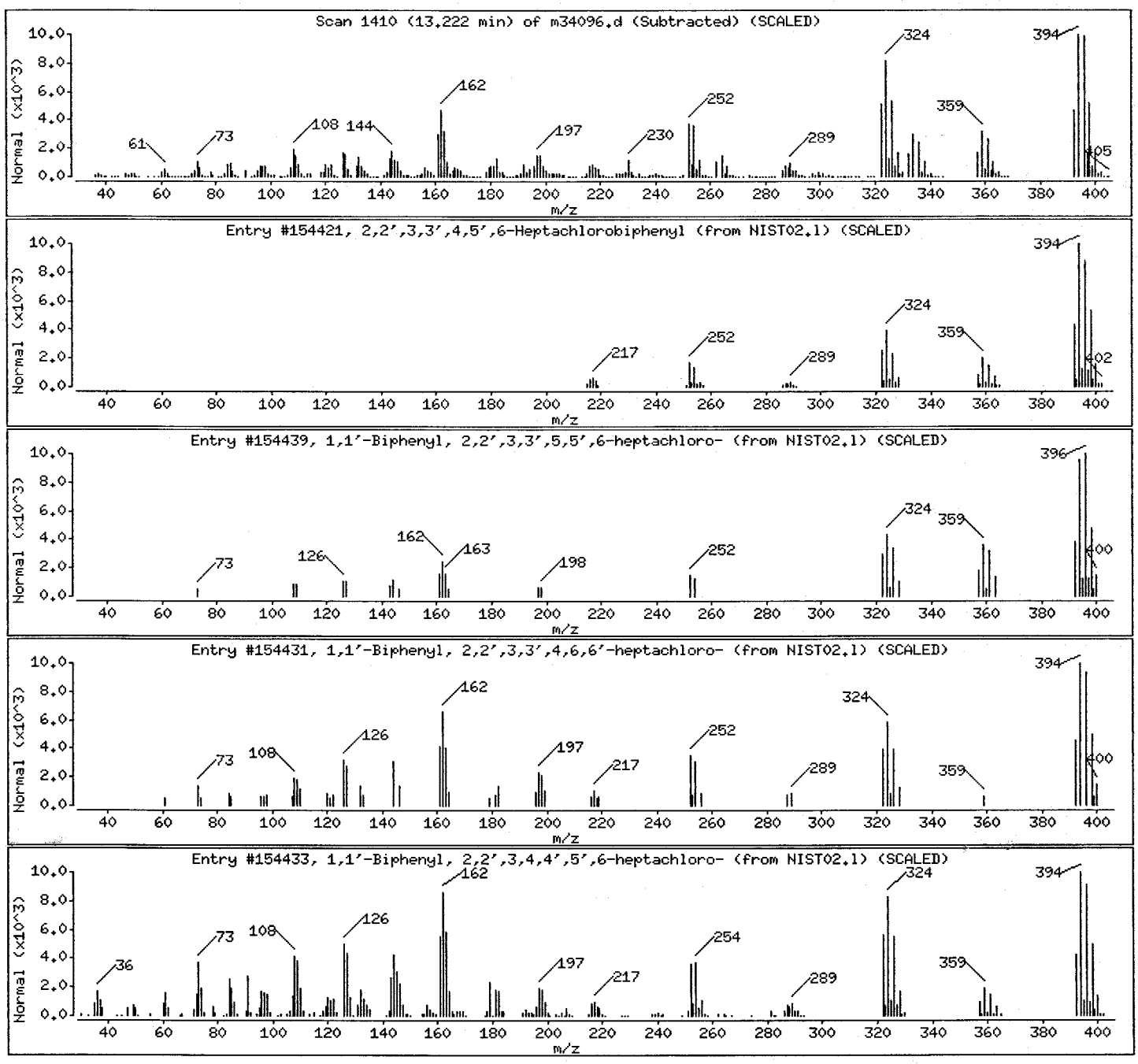
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	97	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	96	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	52663-65-7	NIST02.l	154431	95	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5',6-heptachl	52663-69-1	NIST02.l	154433	95	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

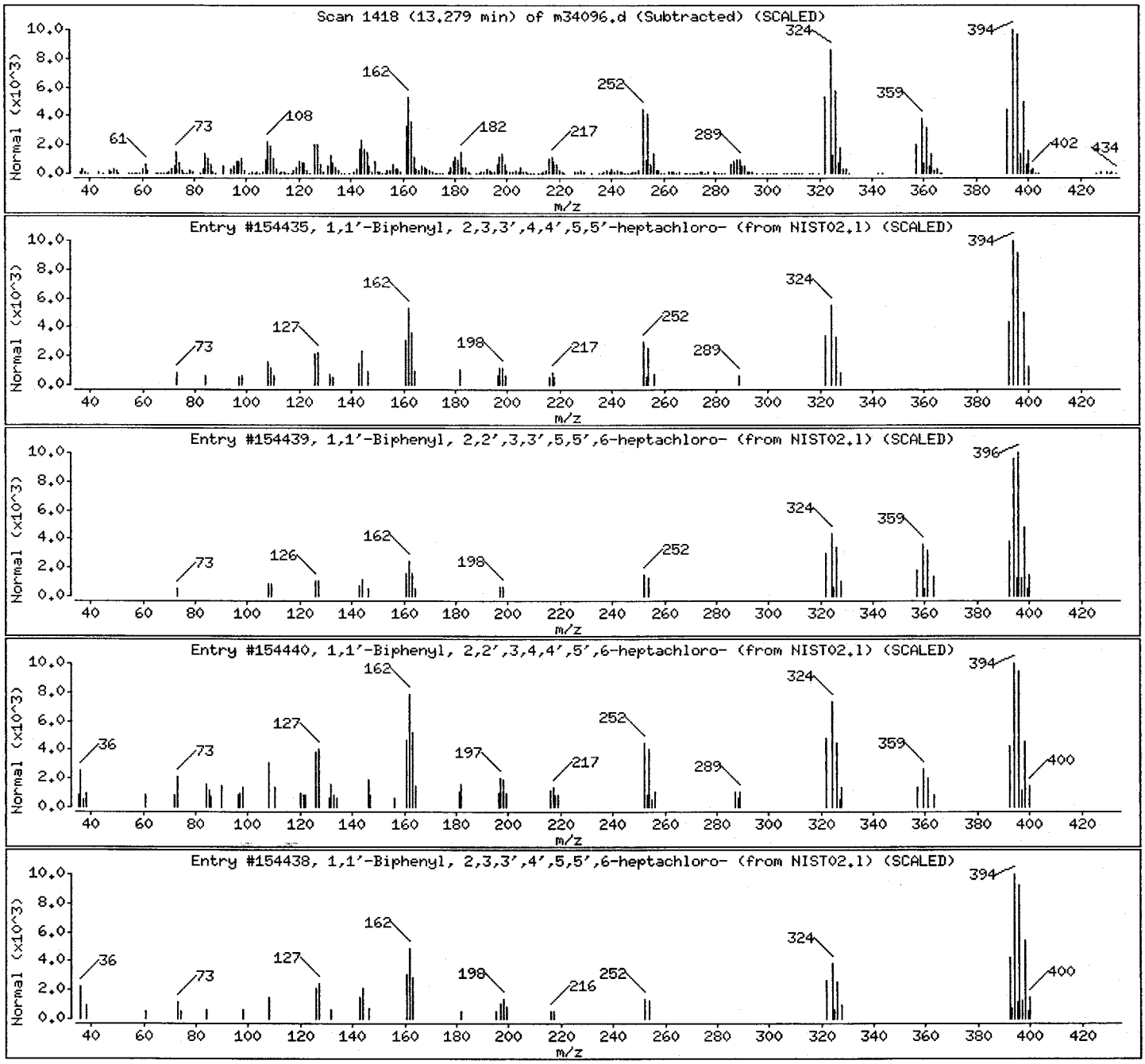
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5',6-heptachl	52663-69-1	NIST02.l	154440	98	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	97	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

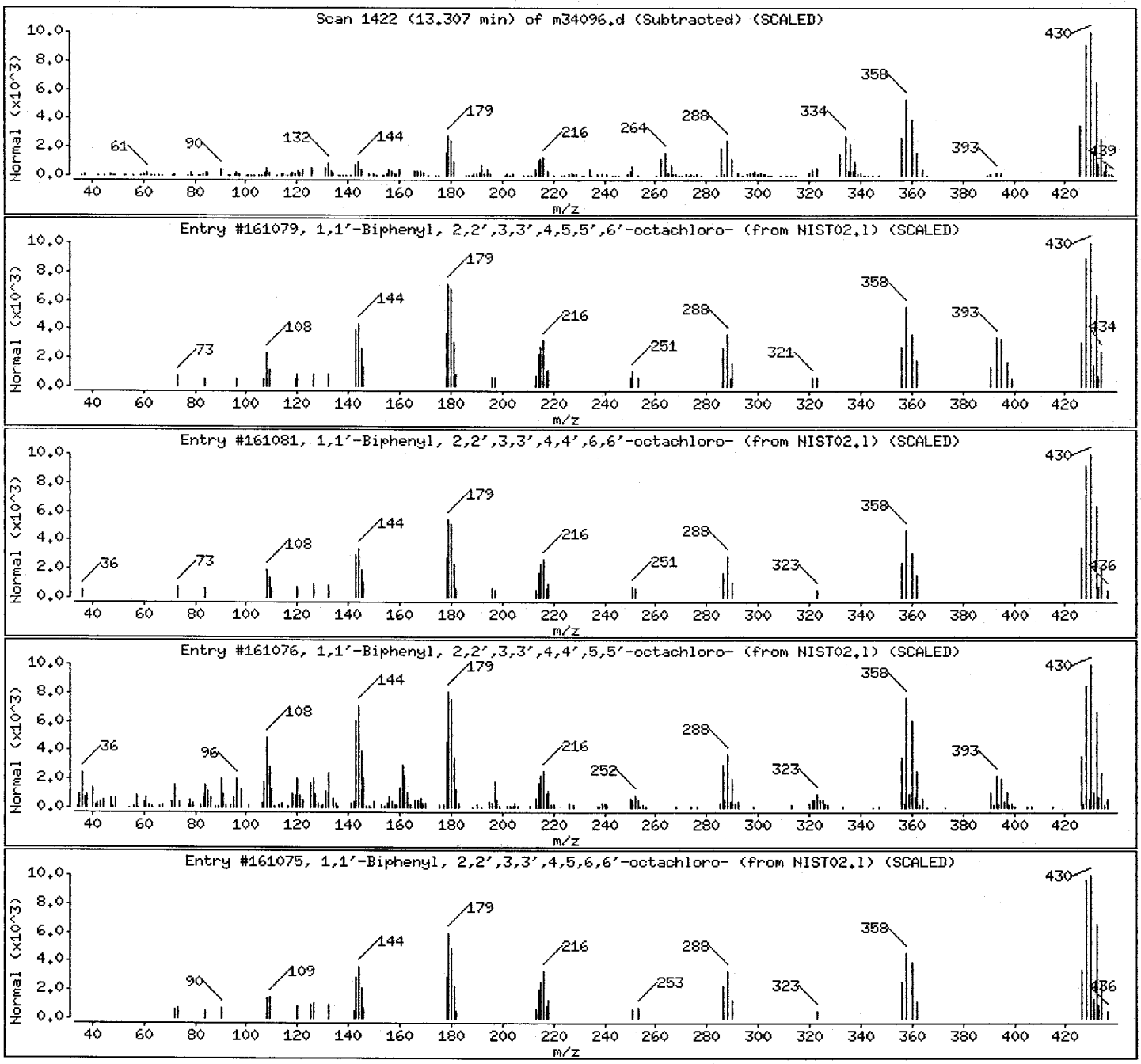
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	97	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	97	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161076	94	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	94	C12H2C18	426



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

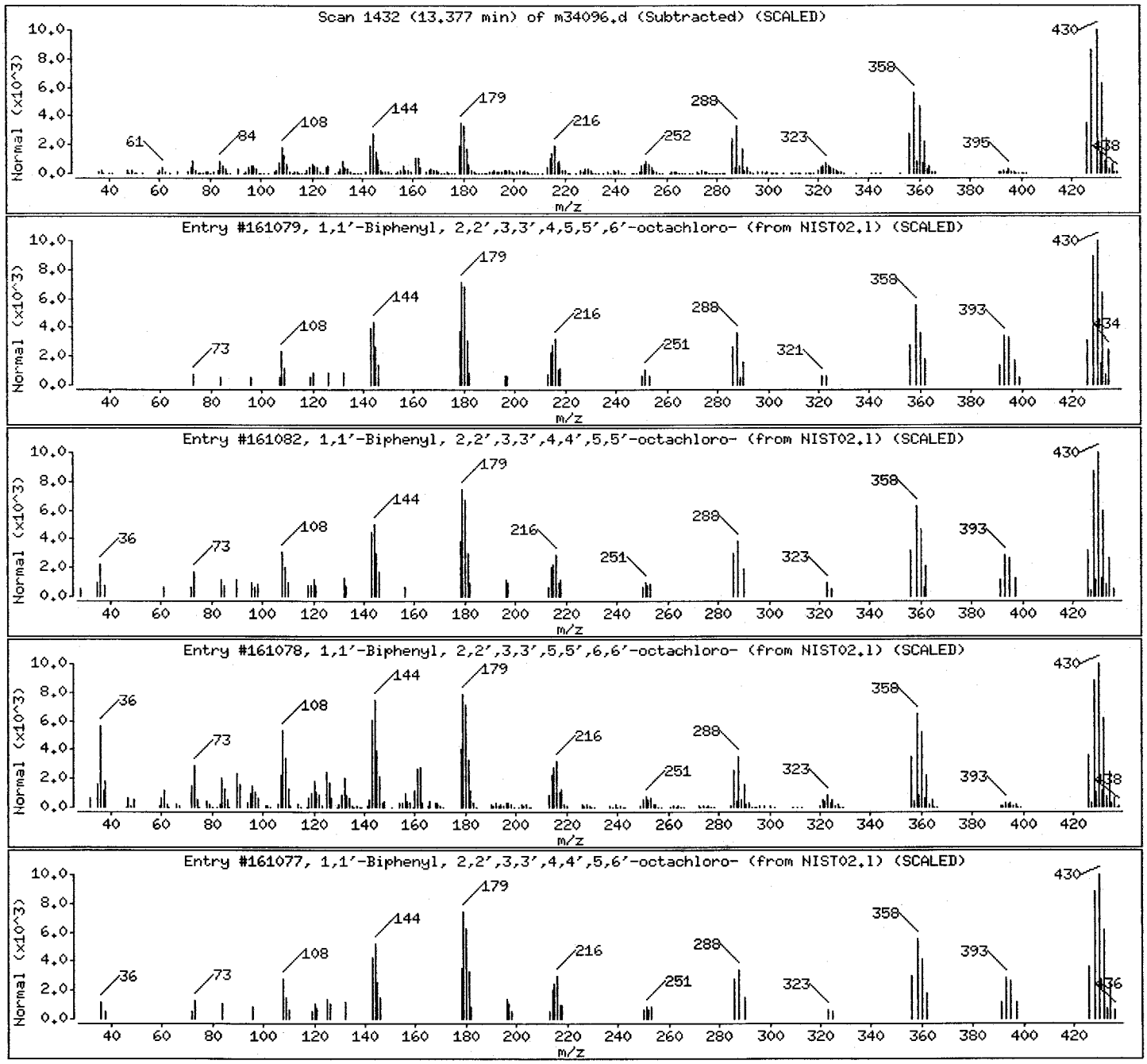
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	98	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	96	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	94	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	91	C12H2C18	426



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

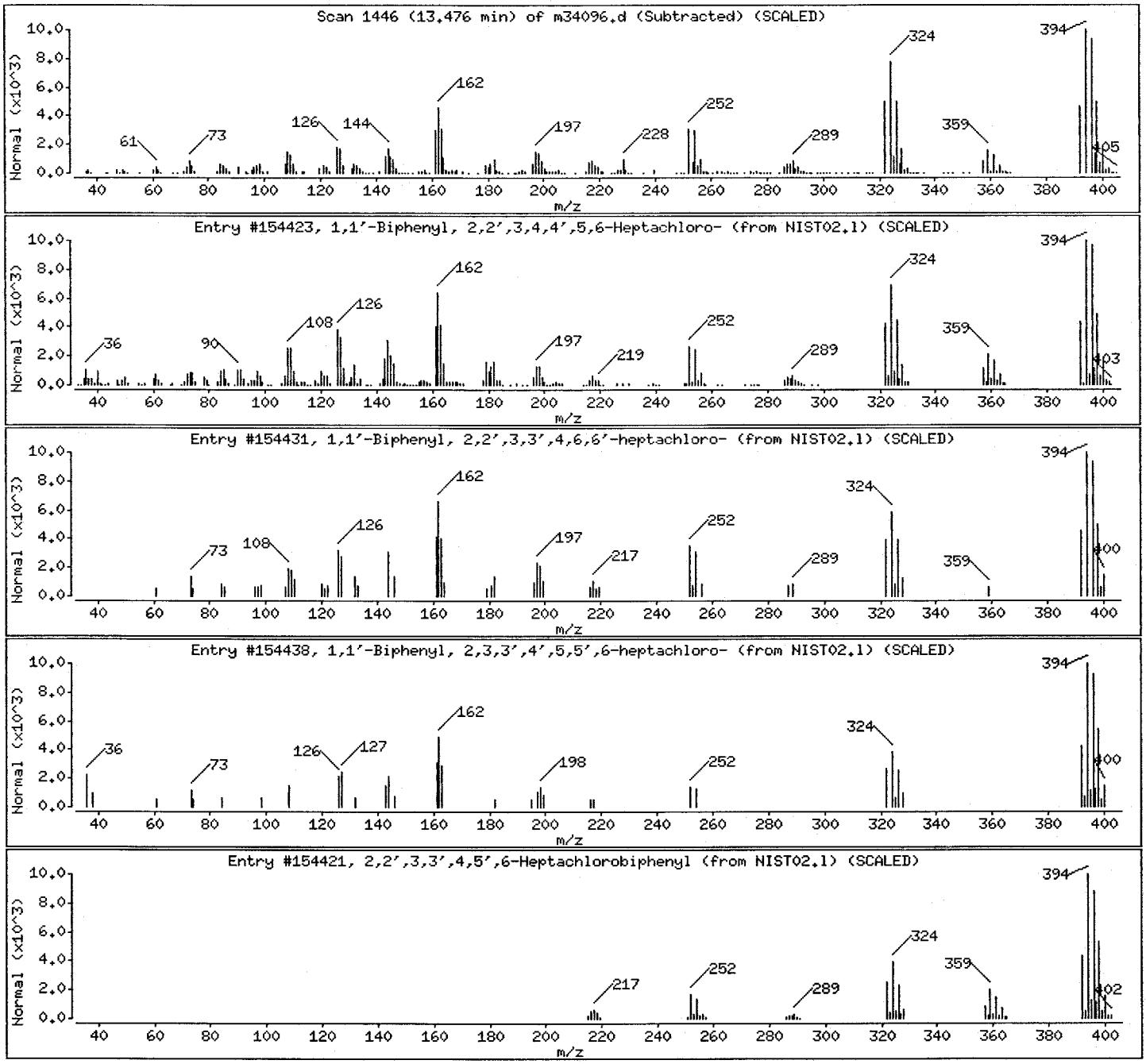
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5,6-Heptachlo	74472-47-2	NIST02.l	154423	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	52663-65-7	NIST02.l	154431	98	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	97	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	96	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

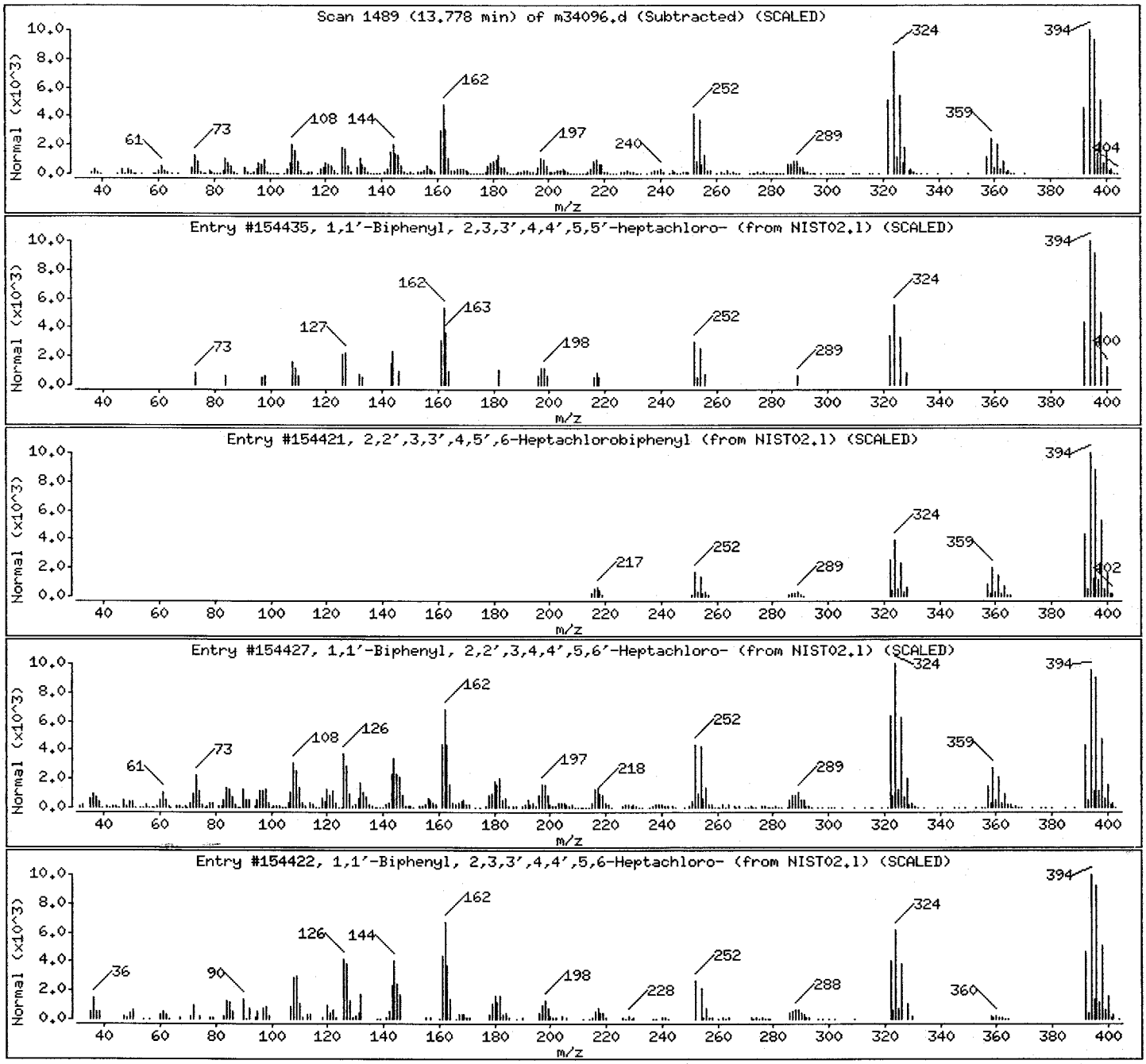
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,6'-Heptachl	60145-23-5	NIST02.l	154427	93	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4,4',5,6-Heptachlo	41411-64-7	NIST02.l	154422	93	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

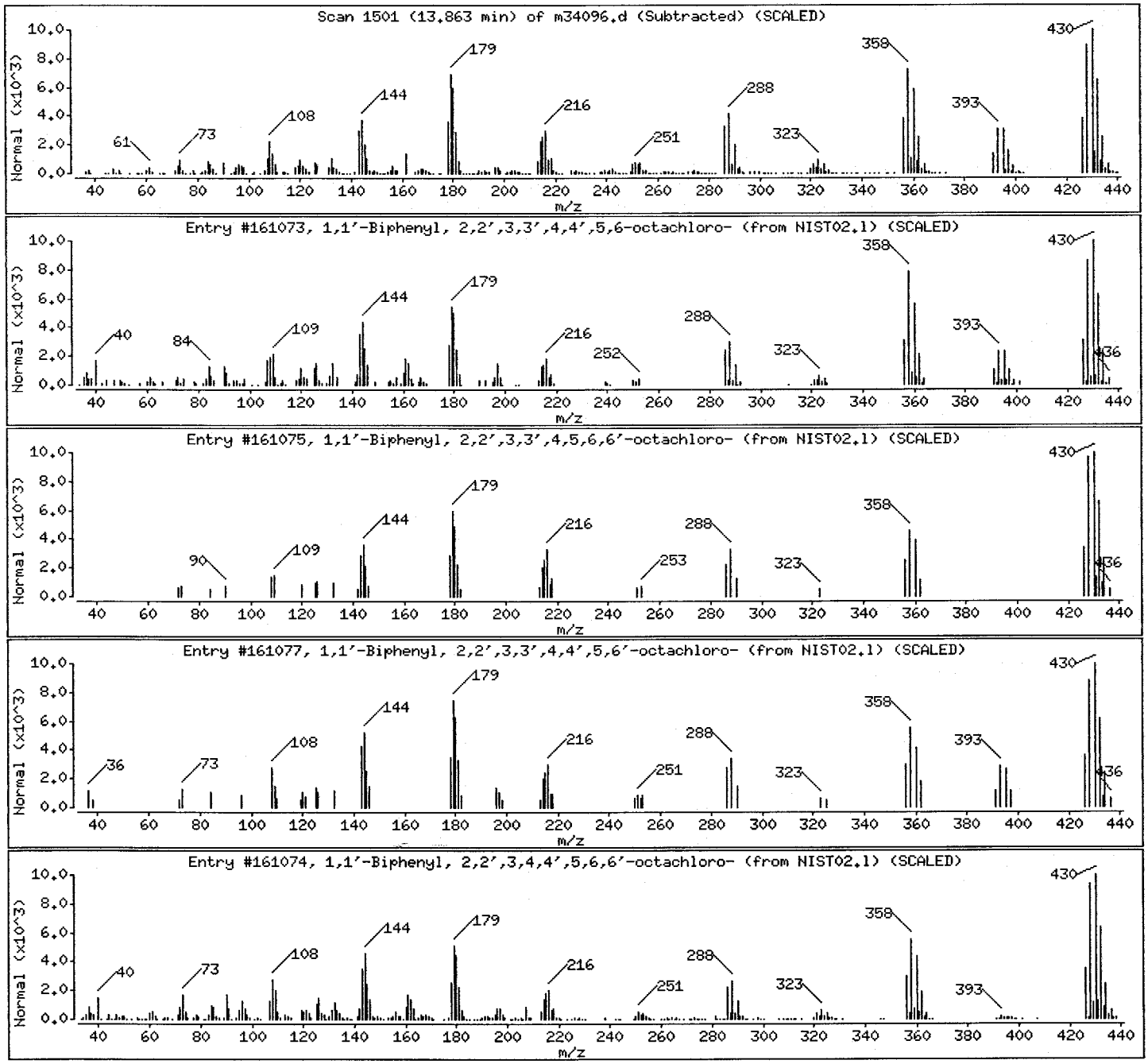
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702:4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	98	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	98	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-octach	74472-52-9	NIST02.l	161074	97	C12H2Cl8	426



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

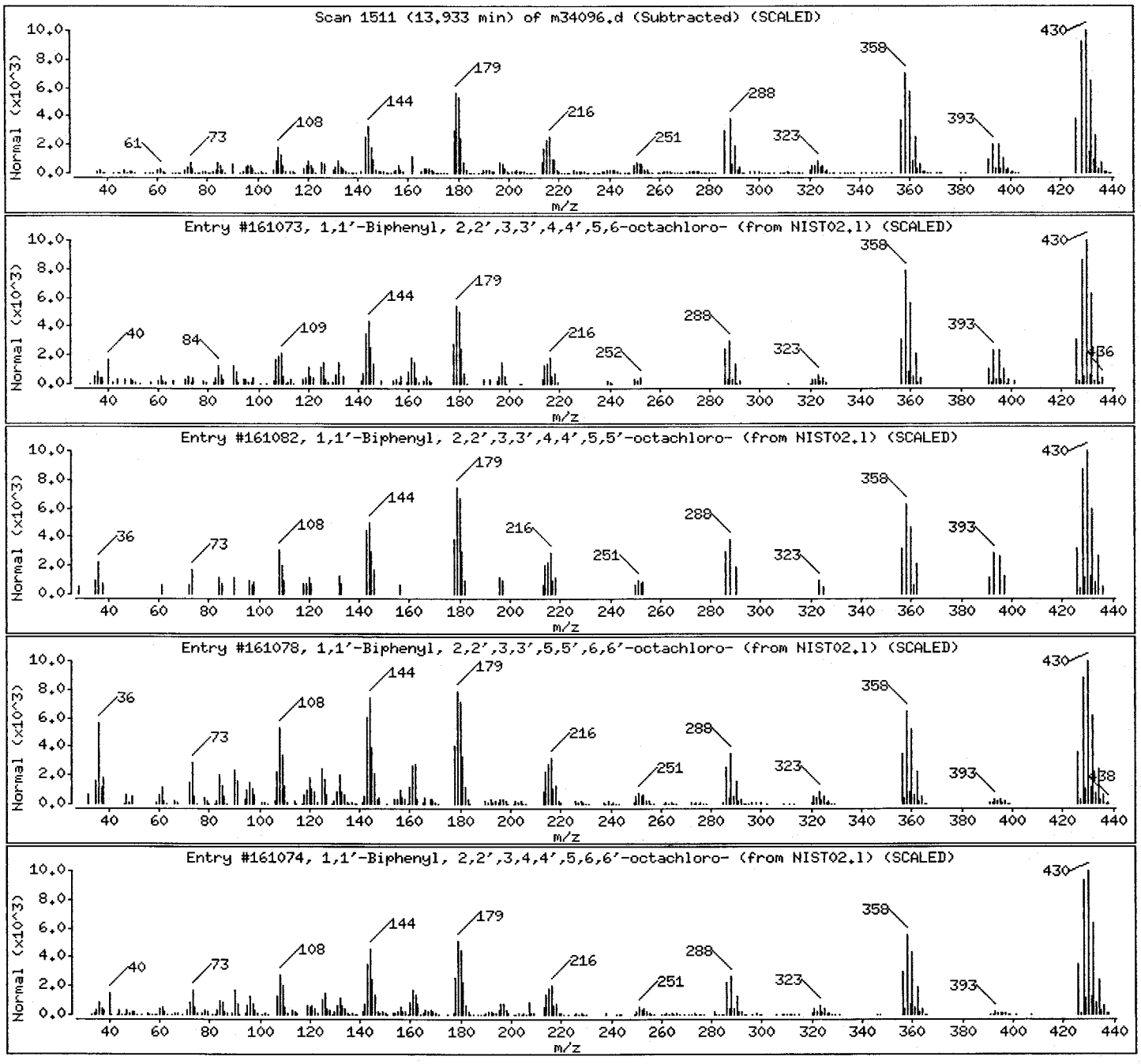
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	96	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	83	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-octach	74472-52-9	NIST02.l	161074	81	C12H2Cl8	426



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

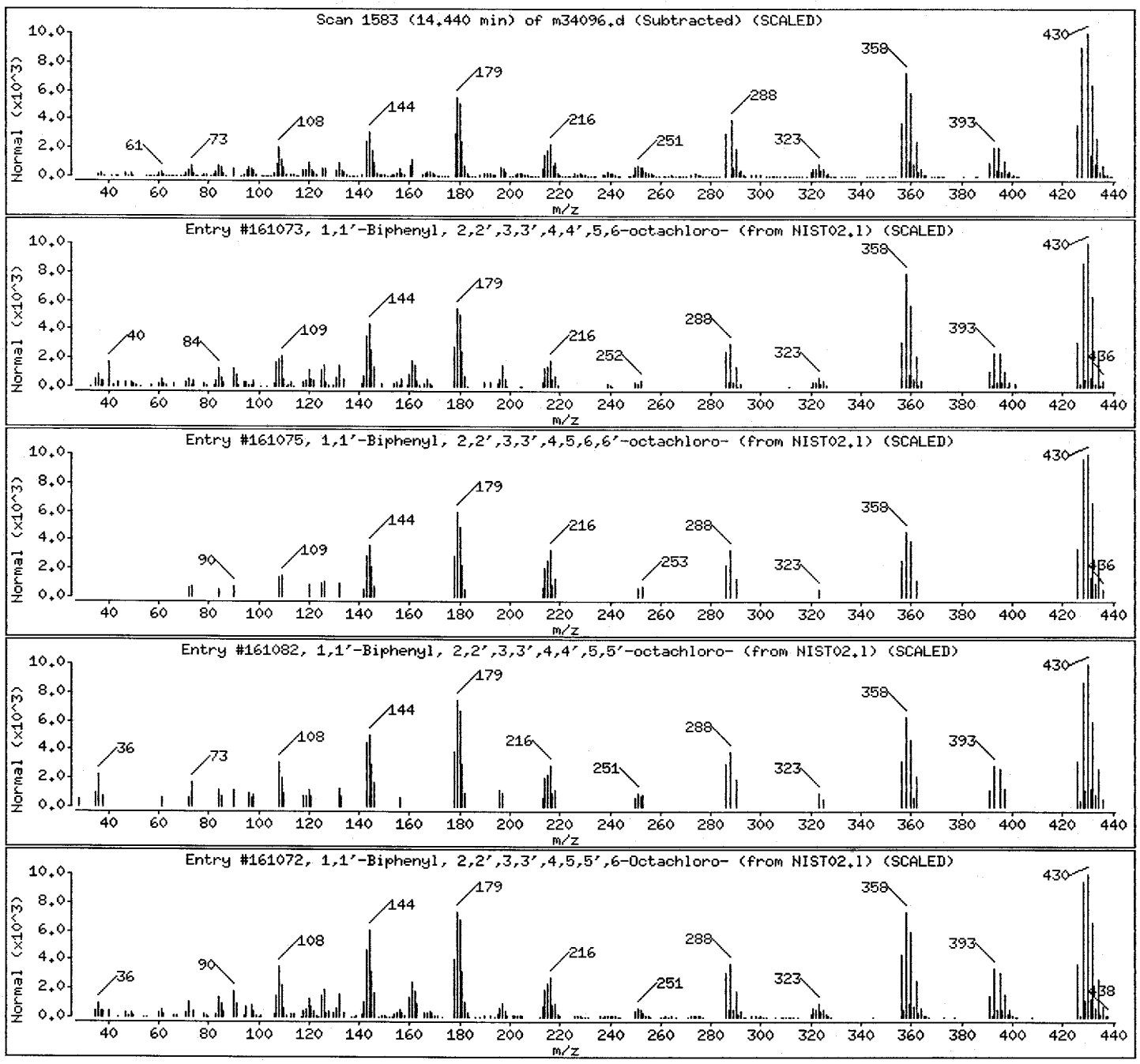
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	98	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6-Octach	68194-17-2	NIST02.l	161072	91	C12H2Cl8	426



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34096.d

Date : 08-APR-2008 14:26

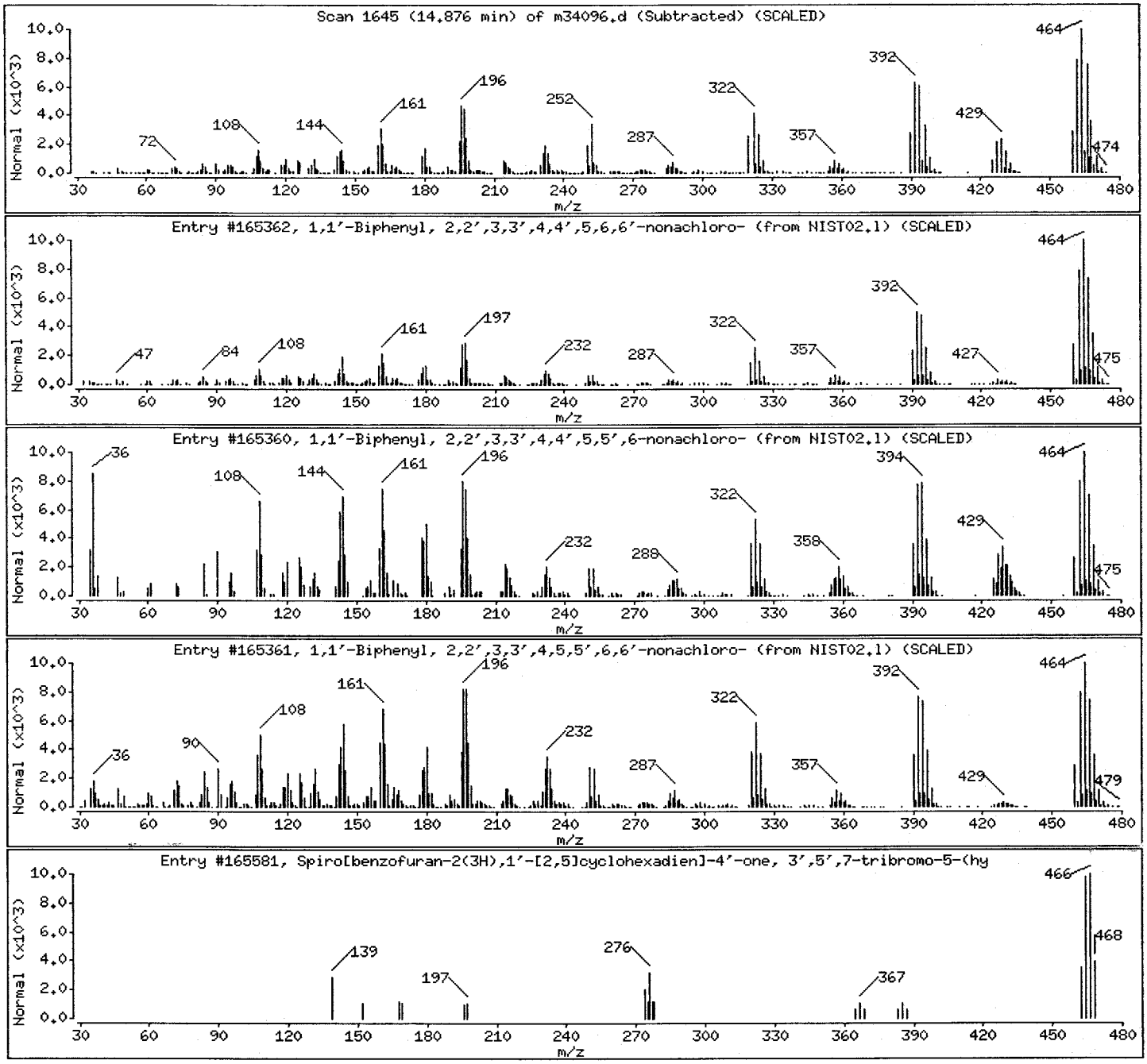
Client ID: 032608-1410 Instrument: BNAMS6.i

Sample Info: 908702;4225901

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Nonylchloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6,6'-non	52663-79-3	NIST02.l	165362	99	C12HCl9	460
1,1'-Biphenyl, 2,2',3,3',4,4',5,5',6-non	40186-72-9	NIST02.l	165360	83	C12HCl9	460
1,1'-Biphenyl, 2,2',3,3',4,5,5',6,6'-non	52663-77-1	NIST02.l	165361	78	C12HCl9	460
Spiro[benzofuran-2(3H),1'-[2,5]cyclohexa	52498-93-8	NIST02.l	165581	35	C14H9Br3O3	462



Client ID: **032608-1435**
Site: BP Hastings

Lab Sample No: **908703**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43997.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 31

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	960
2-Chlorophenol	ND	960
2-Methylphenol	ND	960
4-Methylphenol	ND	960
2-Nitrophenol	ND	960
2,4-Dimethylphenol	ND	960
2,4-Dichlorophenol	ND	960
4-Chloro-3-methylphenol	ND	960
2,4,6-Trichlorophenol	ND	960
2,4,5-Trichlorophenol	ND	960
2,4-Dinitrophenol	ND	2900
4-Nitrophenol	ND	2900
4,6-Dinitro-2-methylphenol	ND	2900
Pentachlorophenol	ND	2900

Client ID: **032608-1435**
Site: BP Hastings

Lab Sample No: **908703**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43997.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 31

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	96
1,3-Dichlorobenzene	ND	960
1,4-Dichlorobenzene	ND	960
1,2-Dichlorobenzene	ND	960
bis(2-chloroisopropyl)ether	ND	960
N-Nitroso-di-n-propylamine	ND	96
Hexachloroethane	ND	96
Nitrobenzene	ND	96
Isophorone	ND	960
bis(2-Chloroethoxy)methane	ND	960
1,2,4-Trichlorobenzene	ND	96
Naphthalene	ND	960
4-Chloroaniline	ND	960
Hexachlorobutadiene	ND	190
2-Methylnaphthalene	ND	960
Hexachlorocyclopentadiene	ND	960
2-Chloronaphthalene	48 J	960
2-Nitroaniline	ND	1900
Dimethylphthalate	ND	960
Acenaphthylene	ND	960
2,6-Dinitrotoluene	ND	190
3-Nitroaniline	ND	1900
Acenaphthene	ND	960
Dibenzofuran	ND	960
2,4-Dinitrotoluene	ND	190
Diethylphthalate	ND	960
4-Chlorophenyl-phenylether	ND	960
Fluorene	ND	960
4-Nitroaniline	ND	1900
N-Nitrosodiphenylamine	ND	960
4-Bromophenyl-phenylether	ND	960
Hexachlorobenzene	ND	96
Phenanthrene	71 J	960
Anthracene	29 J	960

Client ID: **032608-1435**
Site: BP Hastings

Lab Sample No: **908703**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43997.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 31

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	960
Di-n-butylphthalate	ND	960
Fluoranthene	380 J	960
Pyrene	370 J	960
Butylbenzylphthalate	ND	960
3,3'-Dichlorobenzidine	ND	1900
Benzo(a)anthracene	350	96
Chrysene	360 J	960
bis(2-Ethylhexyl)phthalate	ND	960
Di-n-octylphthalate	ND	960
Benzo(b)fluoranthene	480	96
Benzo(k)fluoranthene	250	96
Benzo(a)pyrene	320	96
Indeno(1,2,3-cd)pyrene	160	96
Dibenz(a,h)anthracene	ND	96
Benzo(g,h,i)perylene	150 J	960

Client ID: **032608-1435**
Site: BP Hastings

Lab Sample No: **908703**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u43997.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 30.8

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Dichloro-1,1-biphenyl isomer	9.73	18000	
2. Trichloro-1,1-biphenyl isomer	10.31	13000	
3. Trichloro-1,1-biphenyl isomer	10.51	2900	
4. Tetrachloro-1,1-biphenyl isomer	10.80	4600	
5. Tetrachloro-1,1-biphenyl isomer	10.98	5000	
6. Tetrachloro-1,1-biphenyl isomer	11.03	8700	
7. Tetrachloro-1,1-biphenyl isomer	11.16	2800	
8. Tetrachloro-1,1-biphenyl isomer	11.21	4200	
9. Tetrachloro-1,1-biphenyl isomer	11.24	5900	
10. Pentachloro-1,1'-biphenyl isomer	11.56	4700	
11. Hexachloro-1,1'-biphenyl isomer	12.17	6300	
12. Hexachloro-1,1'-biphenyl isomer	12.38	5900	
13. Hexachloro-1,1'-biphenyl isomer	12.51	4800	
14. Hexachloro-1,1'-biphenyl isomer	12.56	3000	
15. Heptachloro-1,1'-biphenyl isomer	12.89	3100	
16. Heptachloro-1,1'-biphenyl isomer	12.98	13000	
17. Octachloro-1,1'-biphenyl isomer	13.29	5800	
18. Octachloro-1,1'-biphenyl isomer	13.84	12000	
19. Octachloro-1,1'-biphenyl isomer	13.90	11000	
20. Octachloro-1,1'-biphenyl isomer	14.41	8200	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	142900

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43997.d
Report Date: 09-Apr-2008 21:56

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43997.d
Lab Smp Id: 908703 Client Smp ID: 032608-1435
Inj Date : 09-APR-2008 15:38
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 908703;4225902
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS4.i/8270/04-09-08/09apr08.b/8270C_08.m
Meth Date : 09-Apr-2008 21:55 rusin Quant Type: ISTD
Cal Date : 09-APR-2008 13:26 Cal File: u43994.d
Als bottle: 9
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	30.80000	% Moisture

Cpnd Variable Local Compound Variable

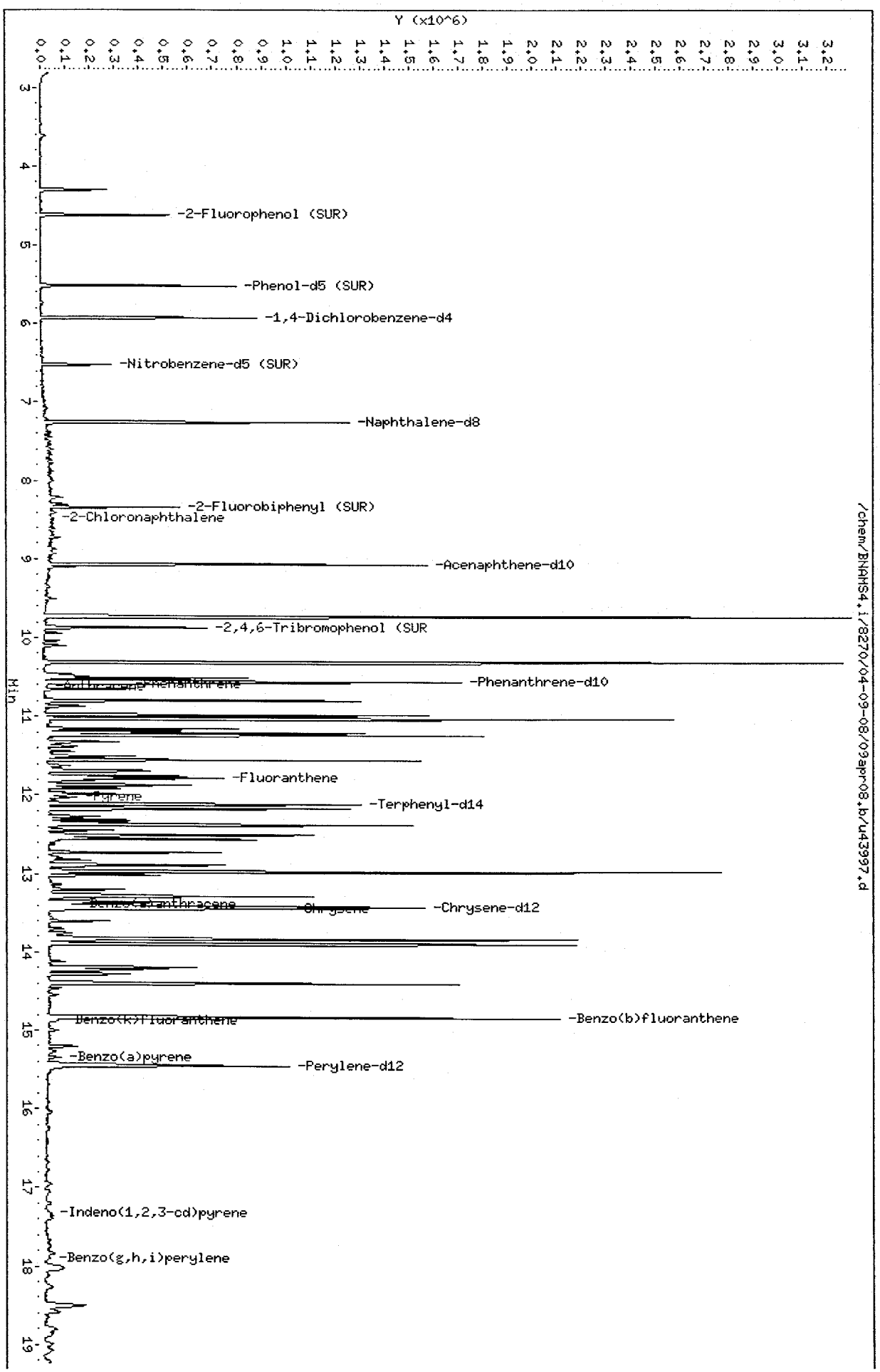
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$	16 2-Fluorophenol (SUR)	112	4.615	4.611	(0.779)	218477	29.1683	5600
$	17 Phenol-d5 (SUR)	99	5.515	5.508	(0.931)	352888	31.2794	6000
*	79 1,4-Dichlorobenzene-d4	152	5.922	5.923	(1.000)	126667	40.0000	
$	76 Nitrobenzene-d5 (SUR)	82	6.523	6.517	(0.898)	104759	13.7784	2600
*	80 Naphthalene-d8	136	7.260	7.259	(1.000)	530437	40.0000	
$	77 2-Fluorobiphenyl (SUR)	172	8.338	8.341	(0.919)	141912	14.8546	2900
	36 2-Chloronaphthalene	162	8.473	8.475	(0.934)	2104	0.24754	48(a)
*	82 Acenaphthene-d10	164	9.069	9.066	(1.000)	323238	40.0000	
$	18 2,4,6-Tribromophenol (SUR)	330	9.872	9.868	(1.089)	81441	35.1313	6800
*	83 Phenanthrene-d10	188	10.565	10.559	(1.000)	595555	40.0000	
	52 Phenanthrene	178	10.587	10.582	(1.002)	5846	0.37095	71(a)
	53 Anthracene	178	10.625	10.626	(1.006)	2408	0.15119	29(a)
	56 Fluoranthene	202	11.784	11.784	(1.115)	36721	1.96424	380(a)

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43997.d
Report Date: 09-Apr-2008 21:56

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	57 Pyrene	202	12.029	12.028	(0.896)	38041	1.90248	370(a)
$	78 Terphenyl-d14	244	12.117	12.111	(0.903)	349995	22.7858	4400
	61 Benzo(a)anthracene	228	13.390	13.381	(0.998)	33856	1.81782	350
*	81 Chrysene-d12	240	13.419	13.417	(1.000)	713800	40.0000	
	62 Chrysene	228	13.447	13.439	(1.002)	31327	1.89056	360(a)
	65 Benzo(b)fluoranthene	252	14.844	14.847	(0.960)	58851	2.51959	480
	66 Benzo(k)fluoranthene	252	14.873	14.877	(0.962)	25584	1.31262	250
	67 Benzo(a)pyrene	252	15.349	15.337	(0.993)	31434	1.67336	320
*	84 Perylene-d12	264	15.454	15.449	(1.000)	591832	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.326	17.337	(1.121)	16273	0.82324	160
	70 Benzo(g,h,i)perylene	276	17.910	17.910	(1.159)	13872	0.79460	150(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).


Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43997.d
Date : 09-APR-2008 15:38
Client ID: 032608-1435
Sample Info: 908703;4225902
Instrument: BNAMS4.i
Operator: BNAMS 4
Column diameter: 0.25
Column phase: DB-5
Y (x10^6)
Min
/chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43997.d
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)
-2-Chloronaphthalene
-Acenaphthene-d10
-2,4,6-Tribromophenol (SUR
-Phenanthrene-d10
-Fluoranthene
-Terphenyl-d14
-Chrysene-d12
-Benzo(b)fluoranthene
-Benzo(a)pyrene
-Perylene-d12
-Indeno(1,2,3-cd)pyrene
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43997.d

Date : 09-APR-2008 15:38

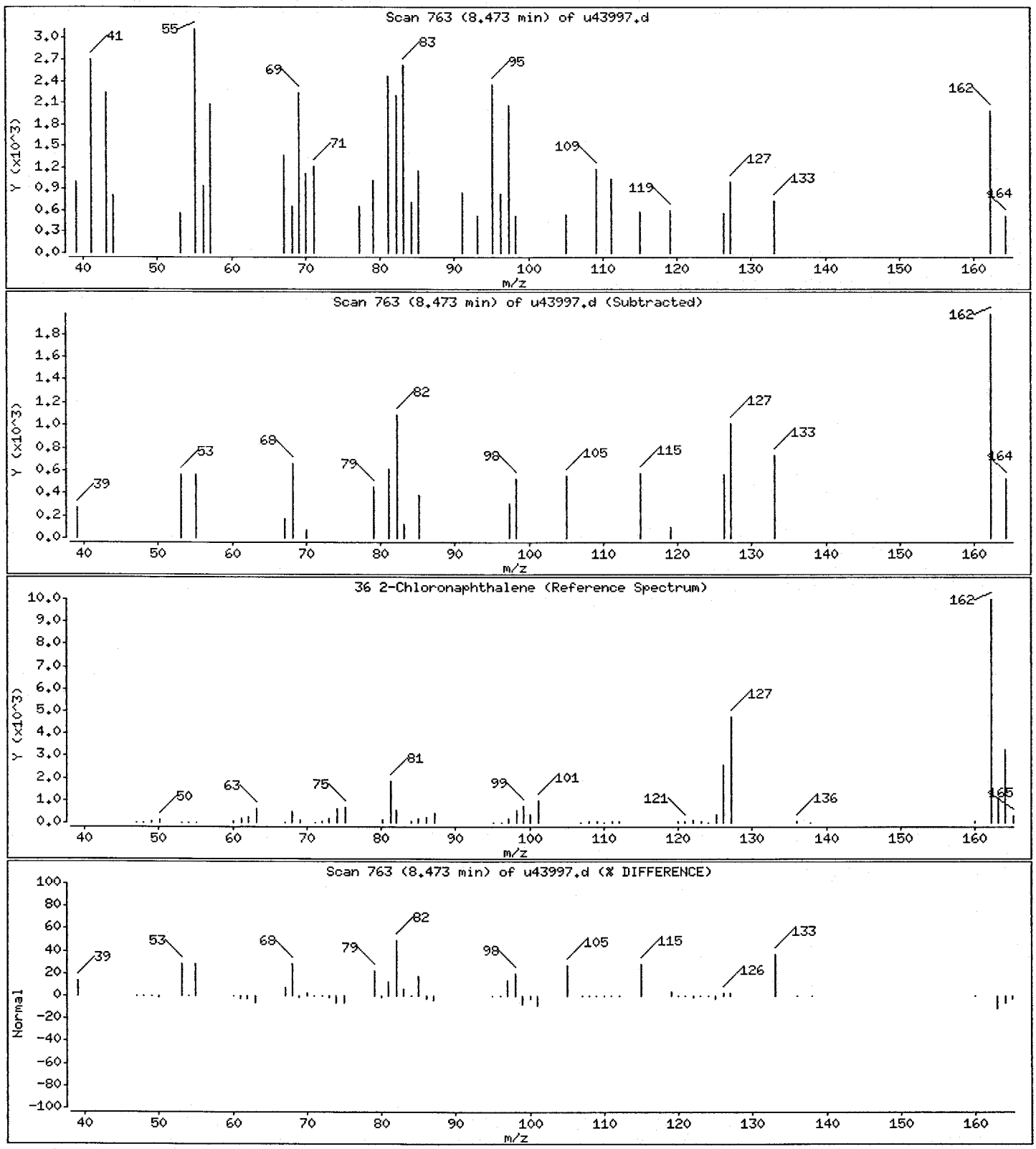
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

36 2-Chloronaphthalene Concentration: 48 ug/Kg



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Date : 09-APR-2008 15:38

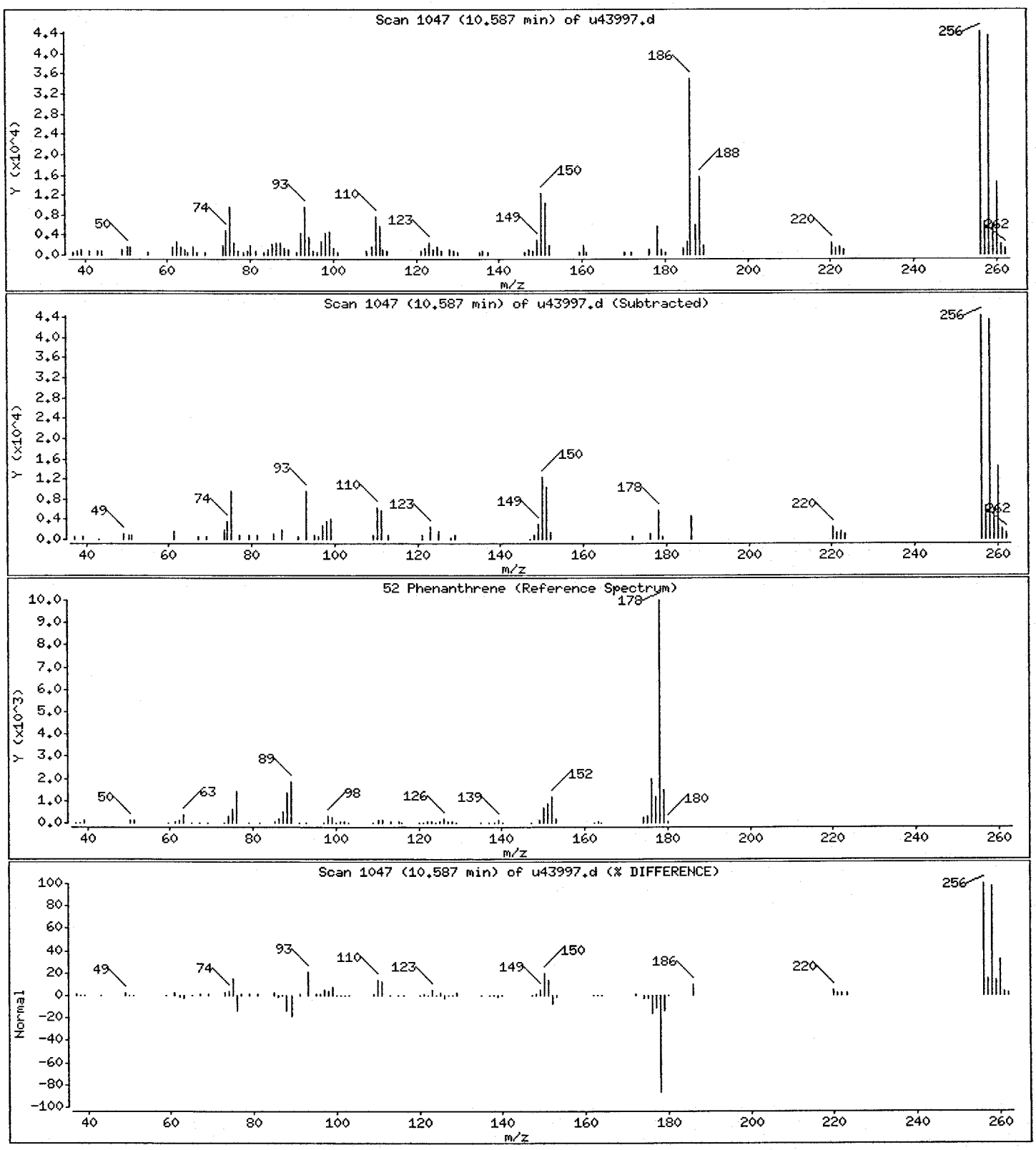
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

52 Phenanthrene Concentration: 71 ug/Kg



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Date : 09-APR-2008 15:38

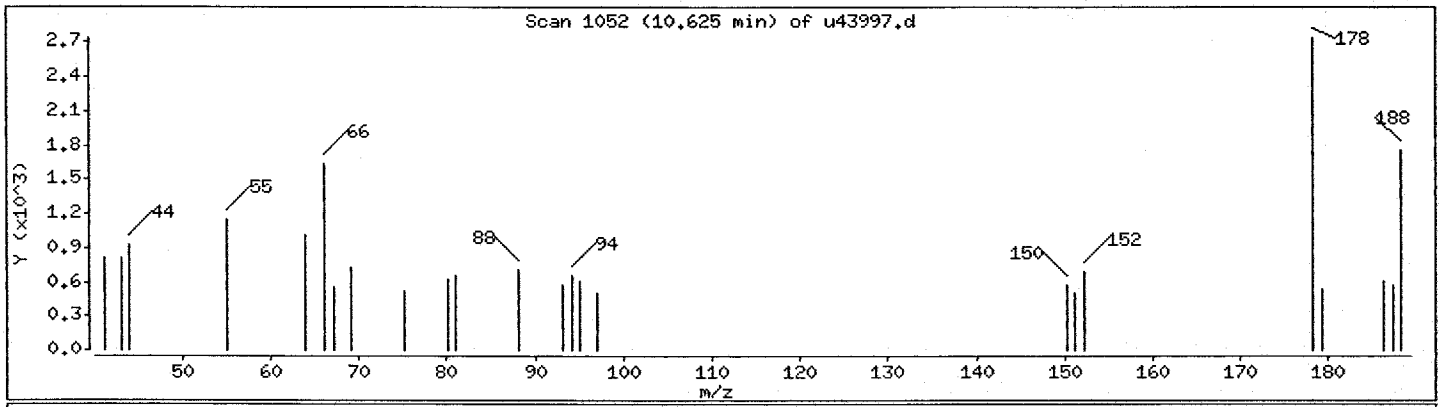
Client ID: 032608-1435 Instrument: BNAMS4.i

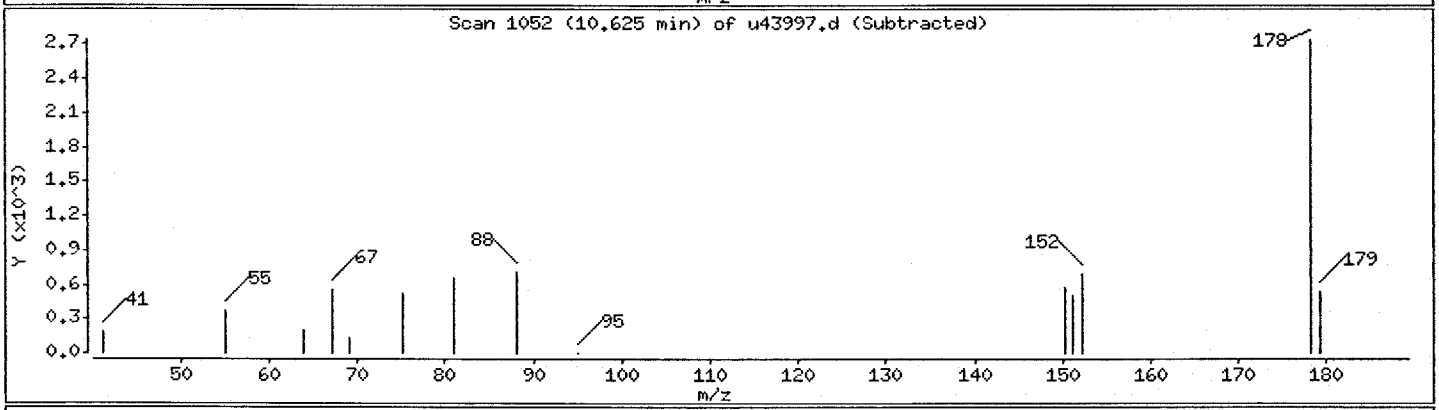
Sample Info: 908703;4225902

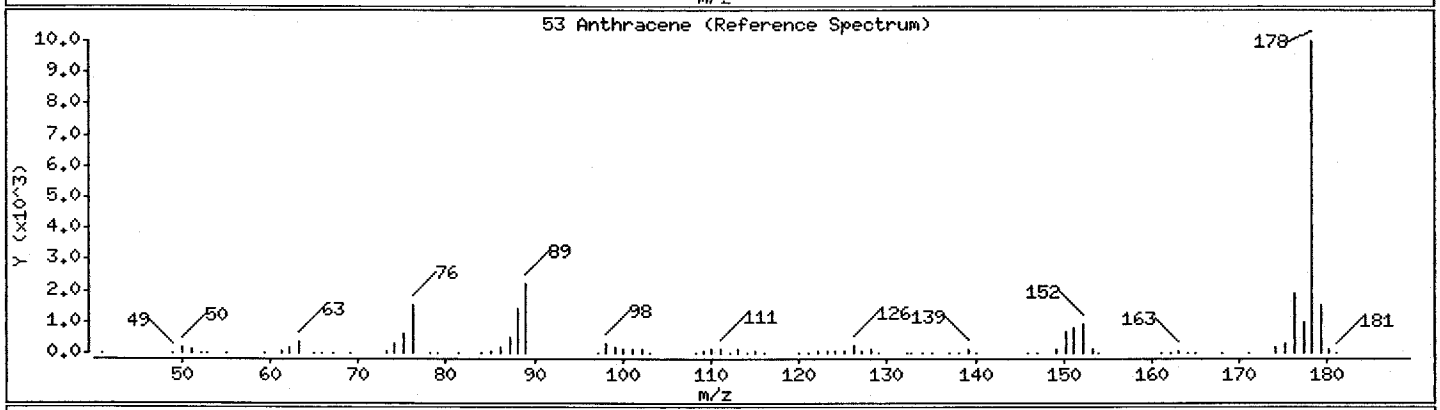
Operator: BNAMS 4

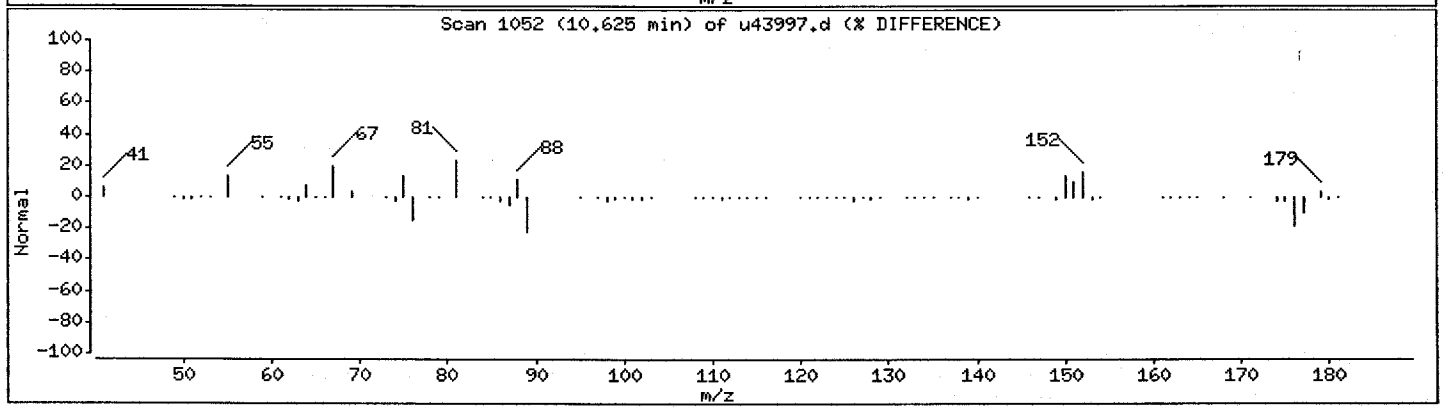
Column phase: DB-5 Column diameter: 0.25

53 Anthracene Concentration: 29 ug/Kg









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Date : 09-APR-2008 15:38

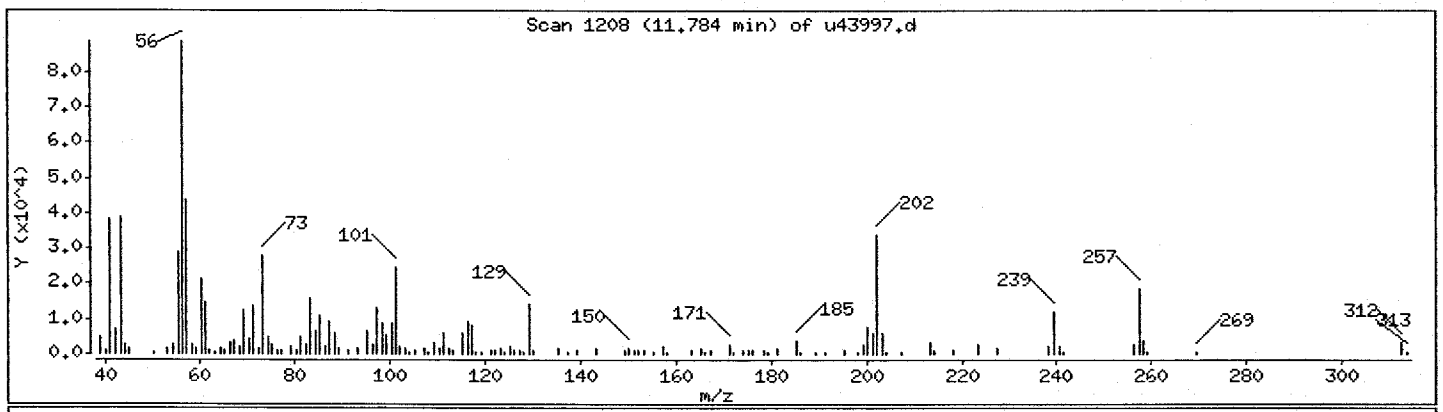
Client ID: 032608-1435 Instrument: BNAMS4.i

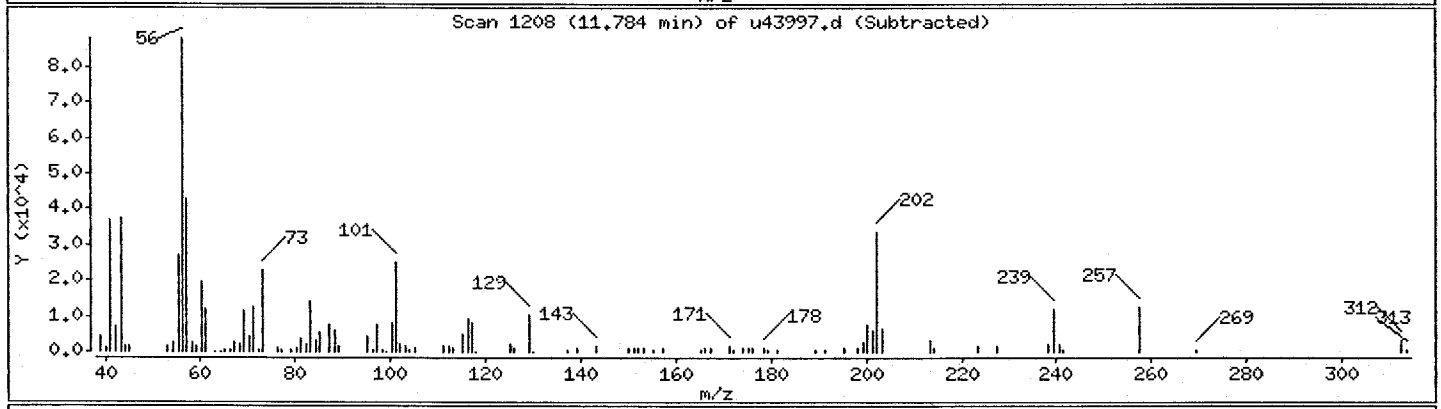
Sample Info: 908703;4225902

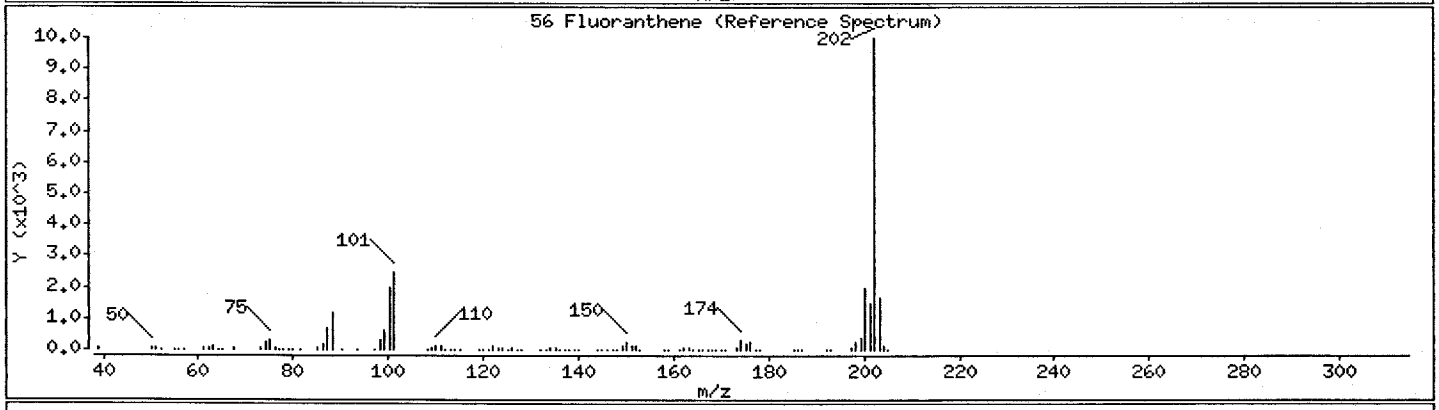
Operator: BNAMS 4

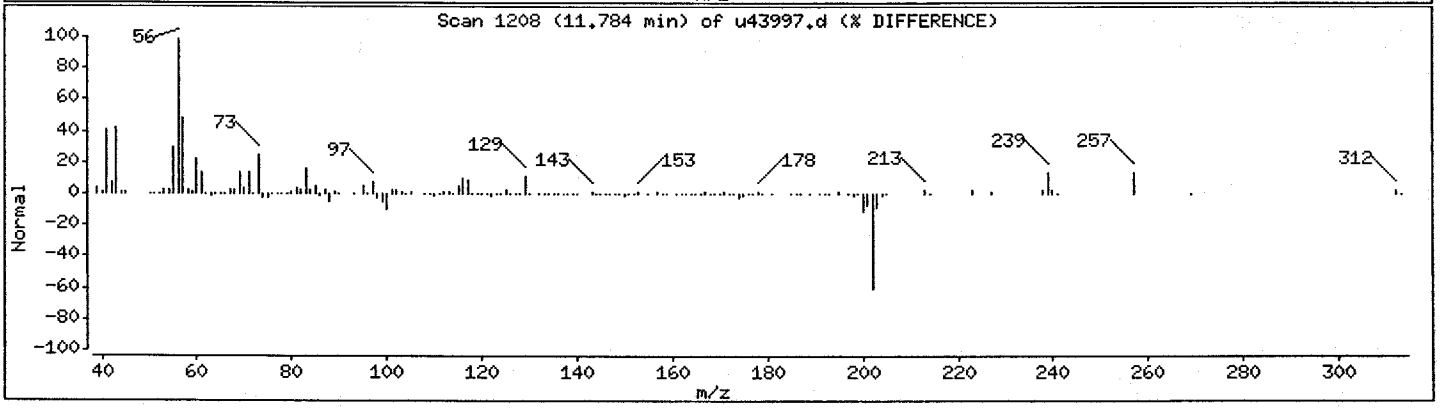
Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 380 ug/Kg









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Date : 09-APR-2008 15:38

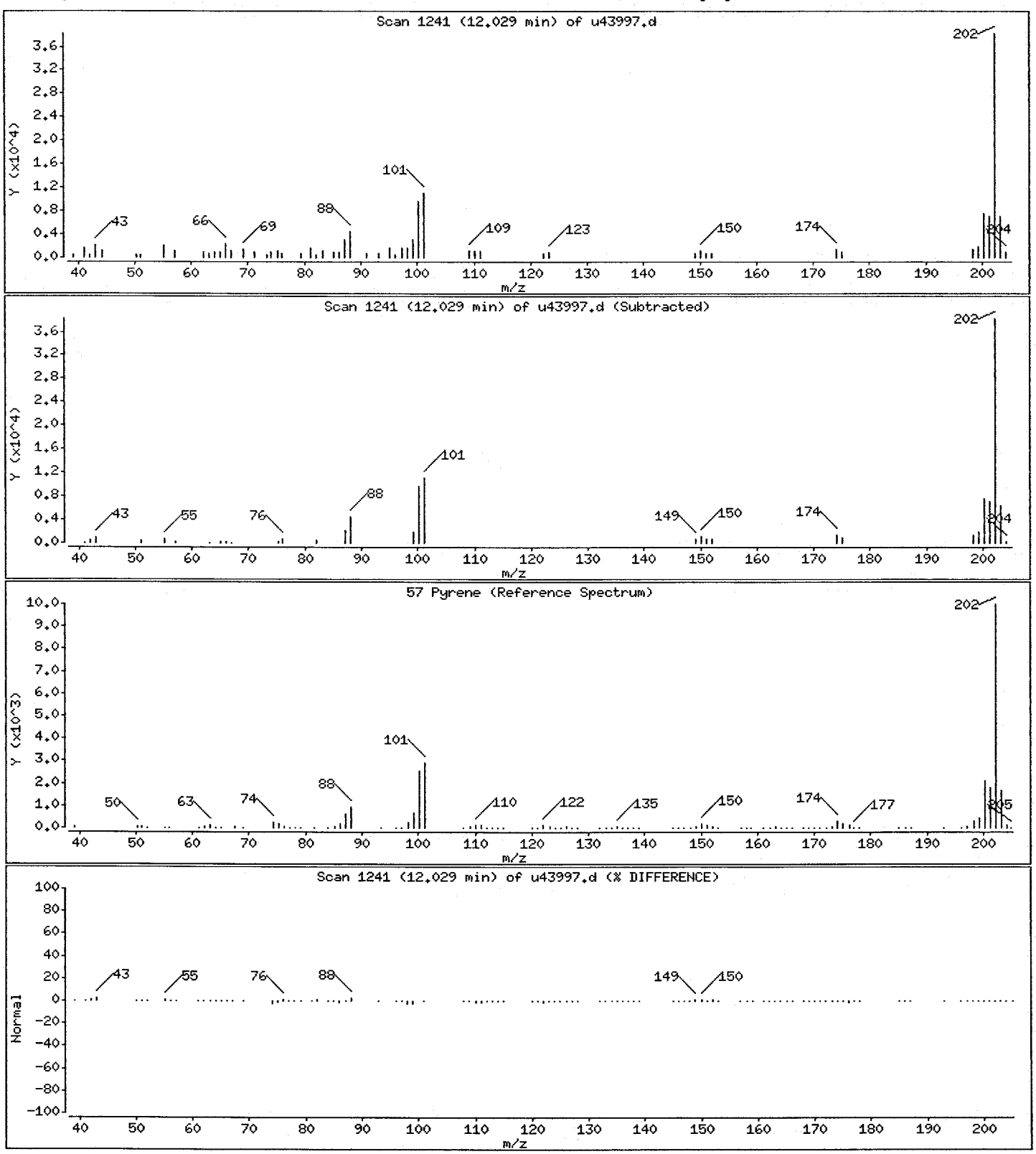
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 370 ug/Kg



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Date : 09-APR-2008 15:38

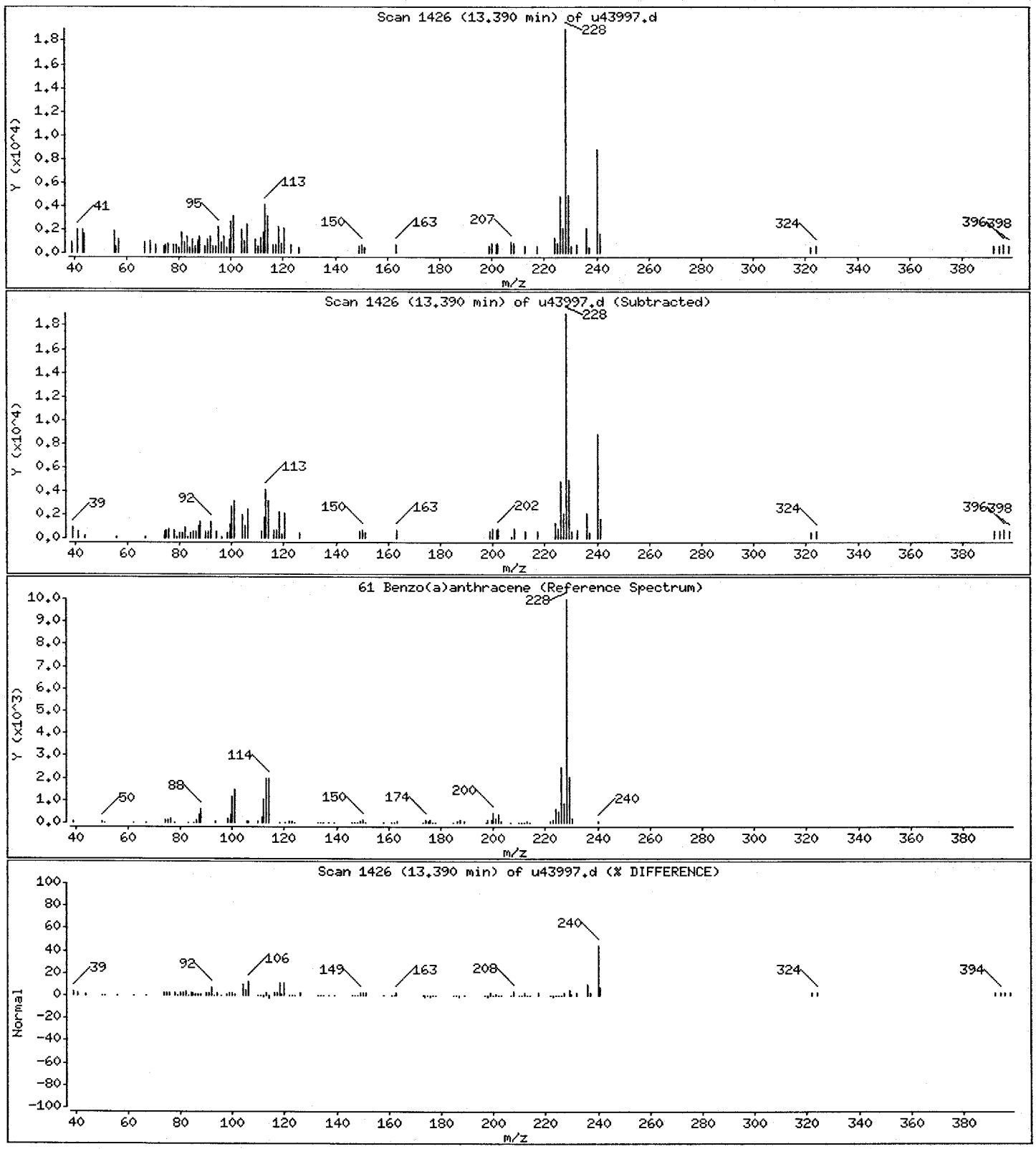
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

61 Benzo(a)anthracene Concentration: 350 ug/Kg



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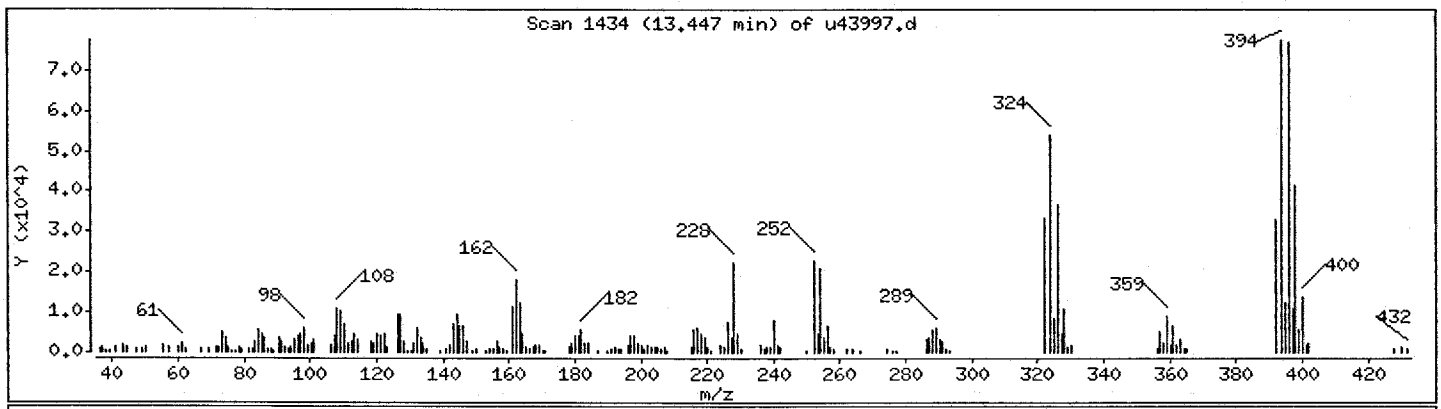
Client ID: 032608-1435 Instrument: BNAMS4.i

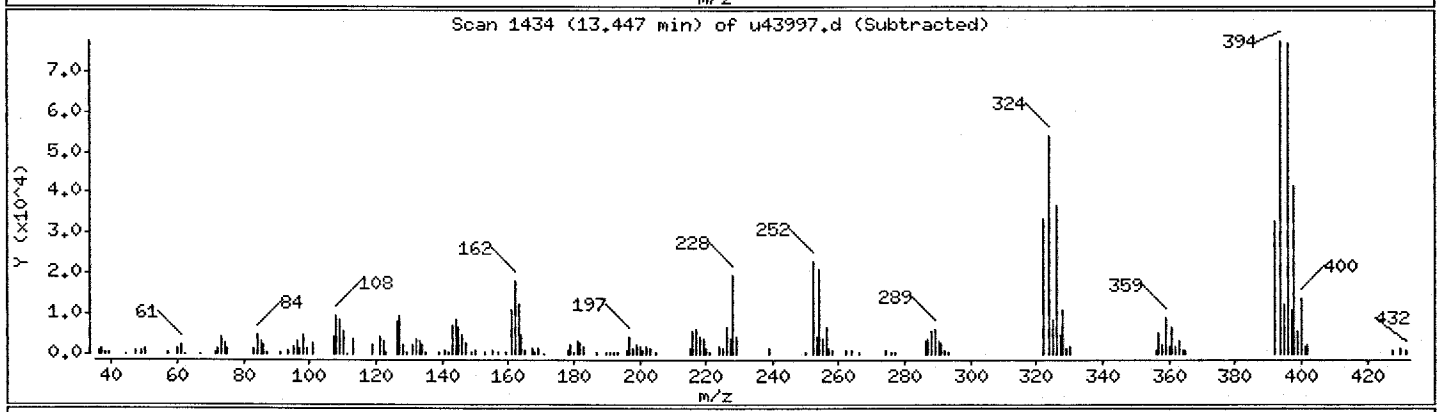
Sample Info: 908703;4225902

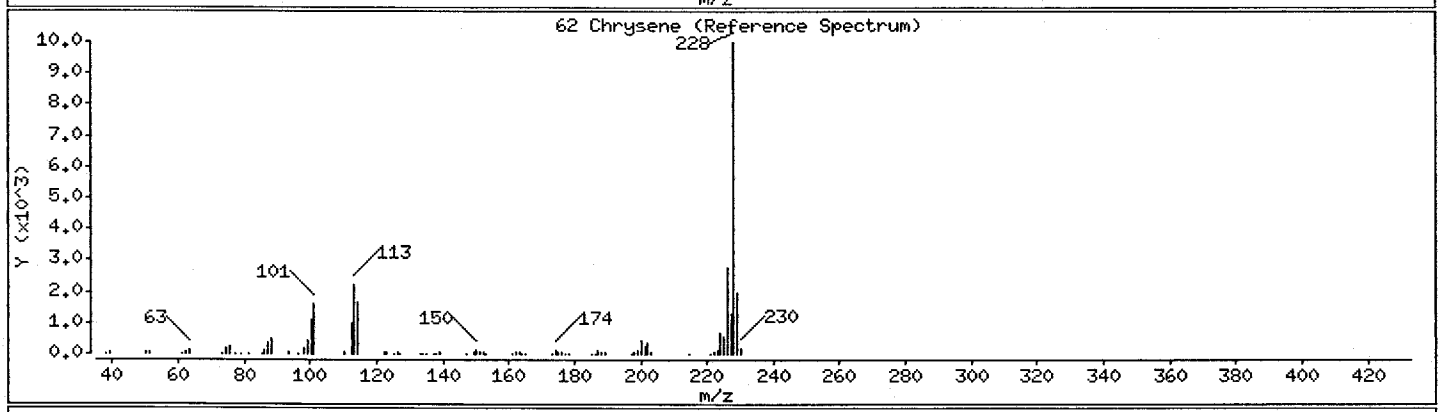
Operator: BNAMS 4

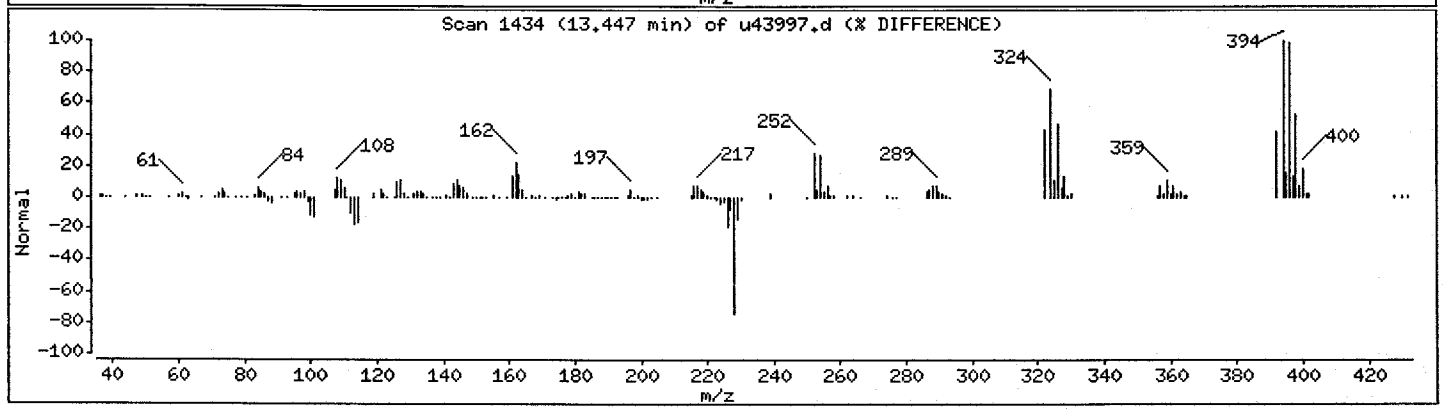
Column phase: DB-5 Column diameter: 0.25

62 Chrysene Concentration: 360 ug/Kg









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Date : 09-APR-2008 15:38

Client ID: 032608-1435

Instrument: BNAMS4.i

Sample Info: 908703;4225902

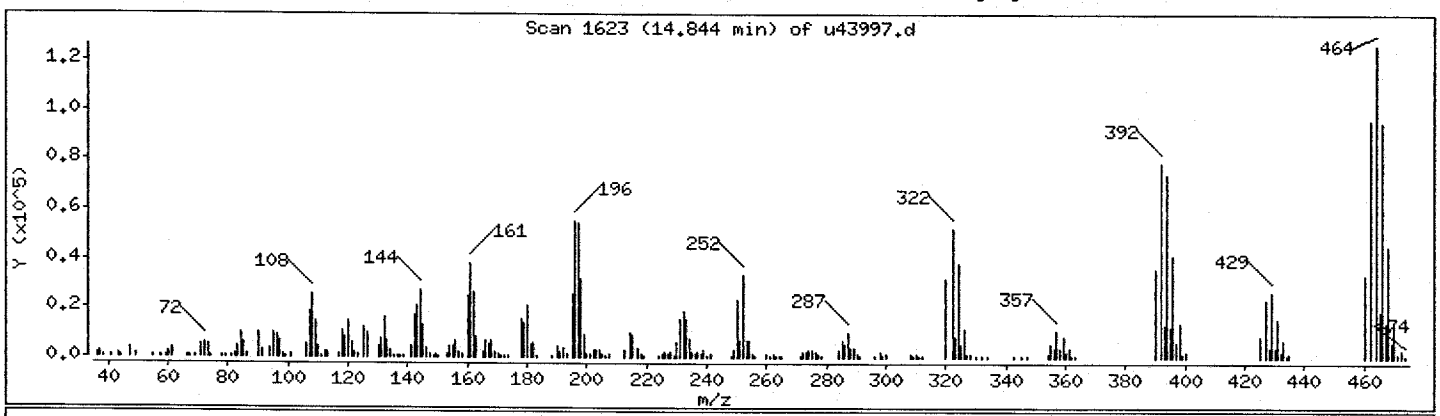
Operator: BNAMS 4

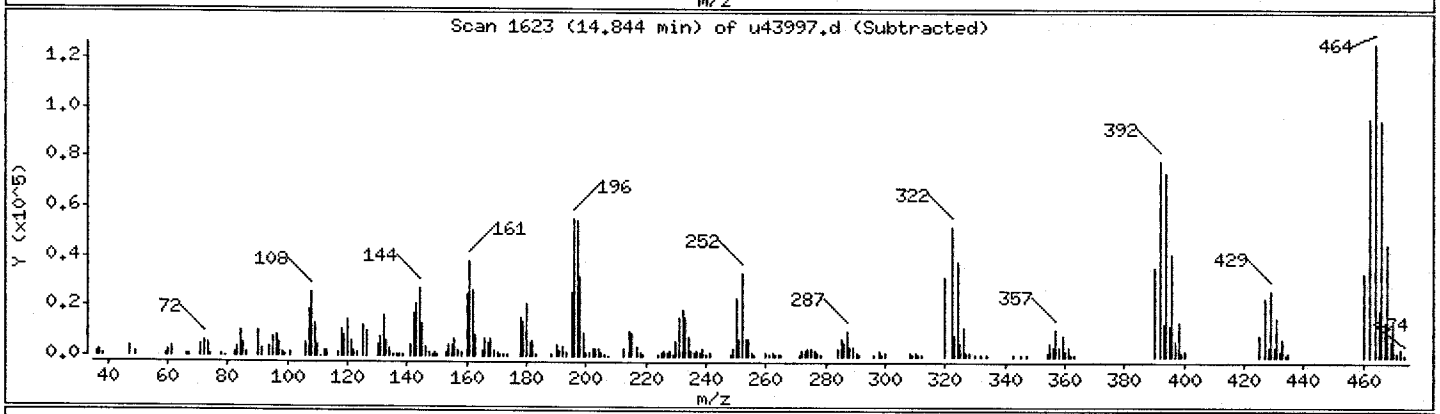
Column phase: DB-5

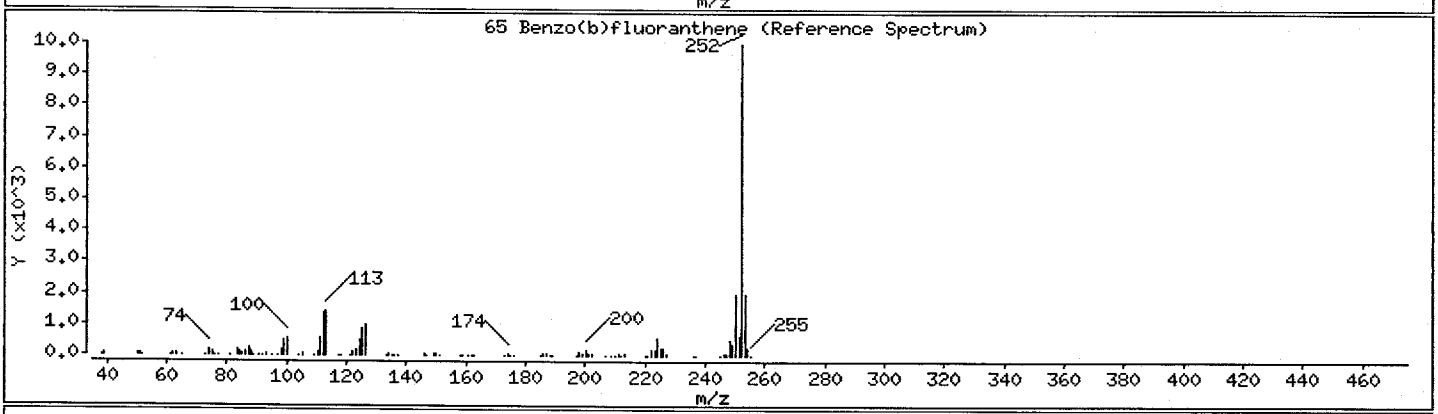
Column diameter: 0.25

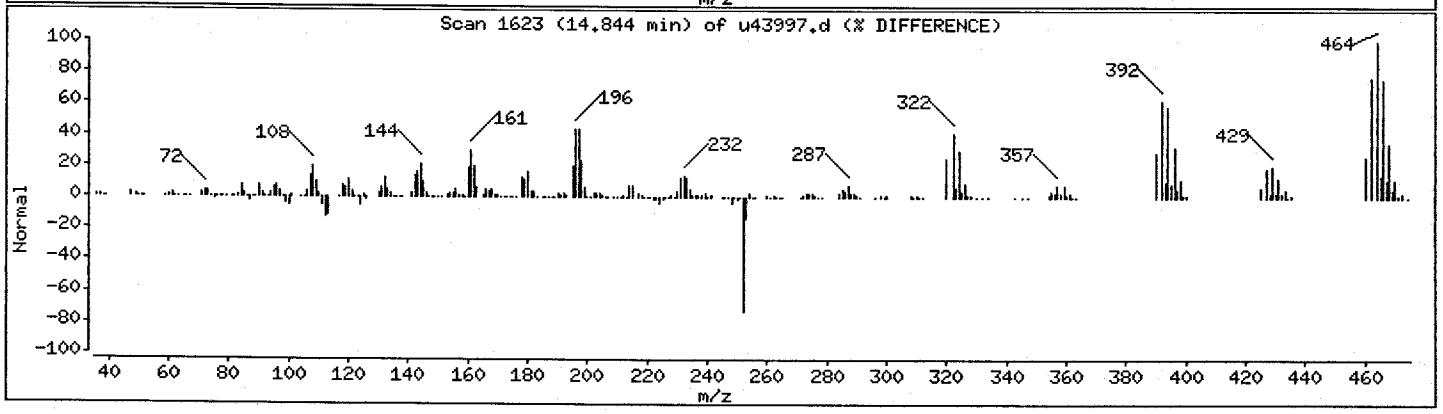
65 Benzo(b)fluoranthene

Concentration: 480 ug/Kg









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Date : 09-APR-2008 15:38

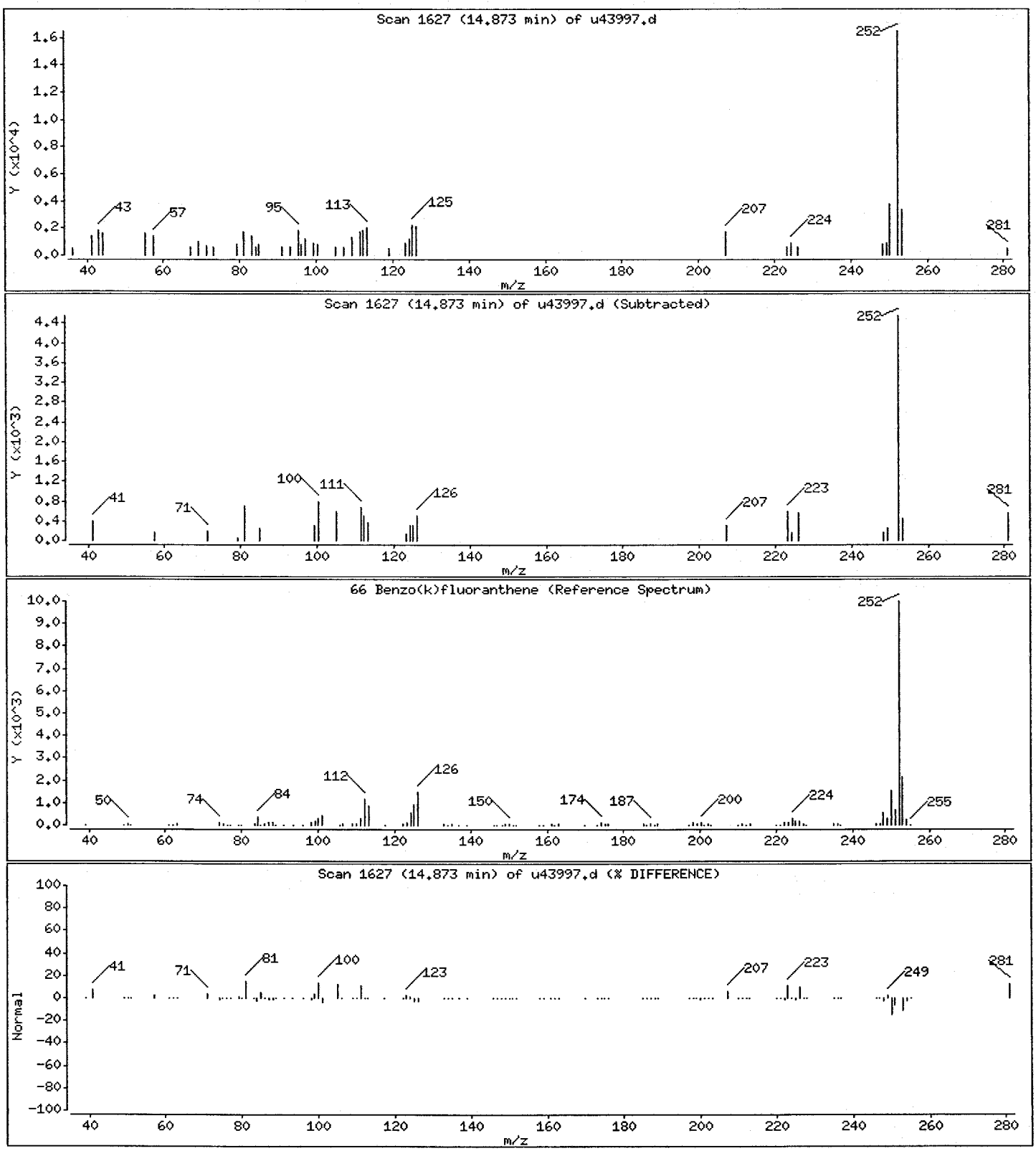
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

66 Benzo(k)fluoranthene Concentration: 250 ug/Kg



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Date : 09-APR-2008 15:38

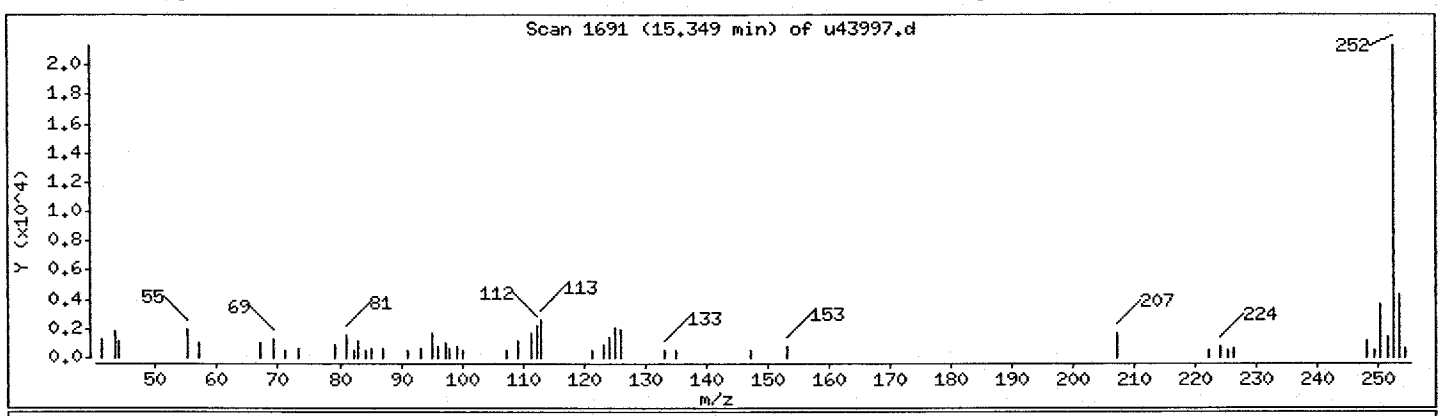
Client ID: 032608-1435 Instrument: BNAMS4.i

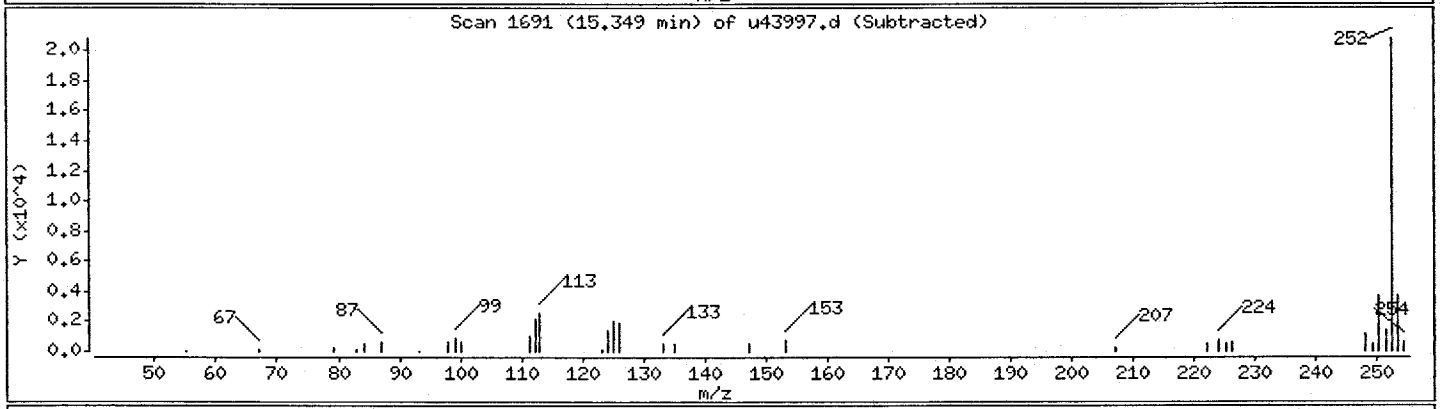
Sample Info: 908703;4225902

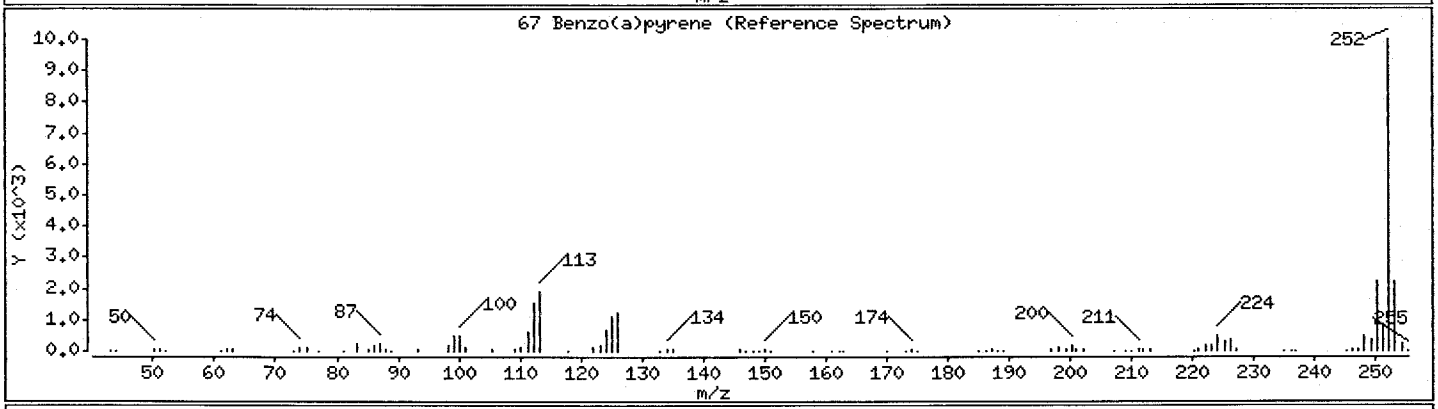
Operator: BNAMS 4

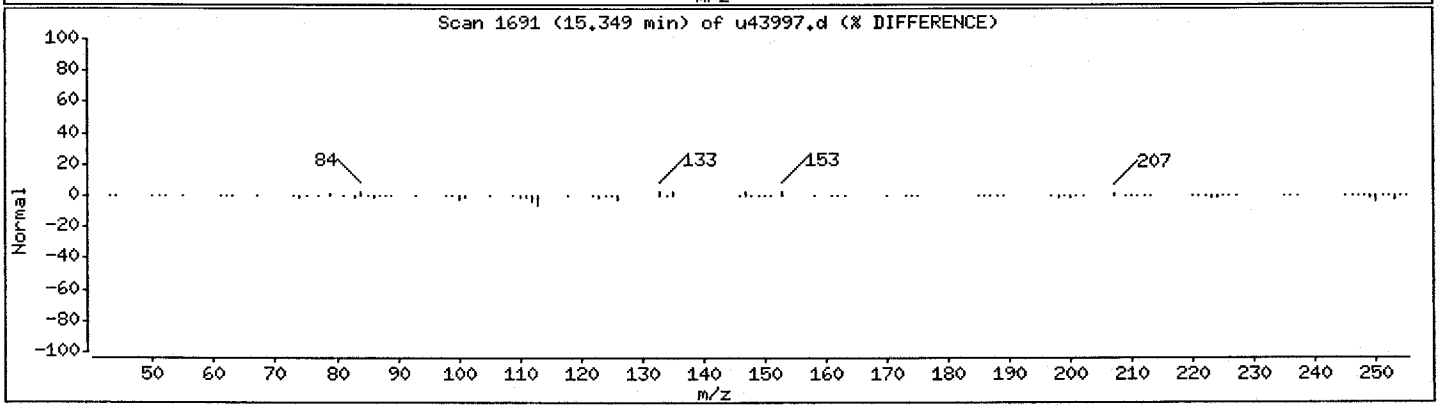
Column phase: DB-5 Column diameter: 0.25

67 Benzo(a)pyrene Concentration: 320 ug/Kg









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Date : 09-APR-2008 15:38

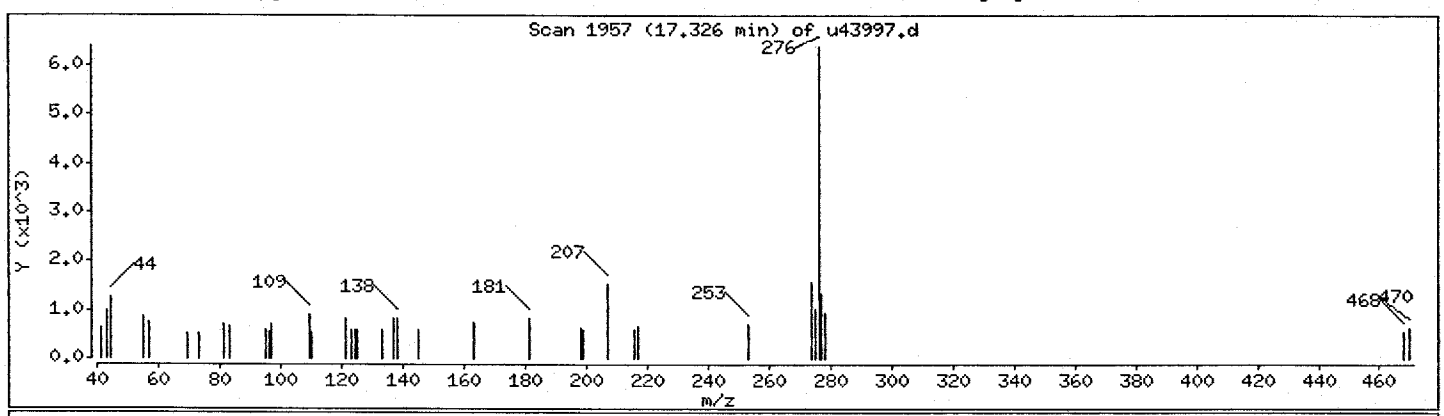
Client ID: 032608-1435 Instrument: BNAMS4.i

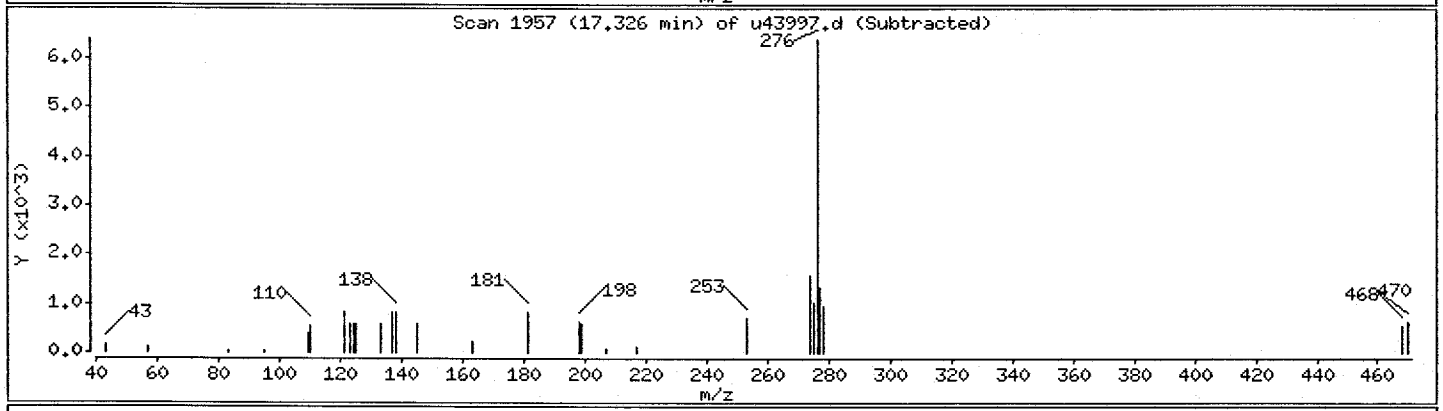
Sample Info: 908703;4225902

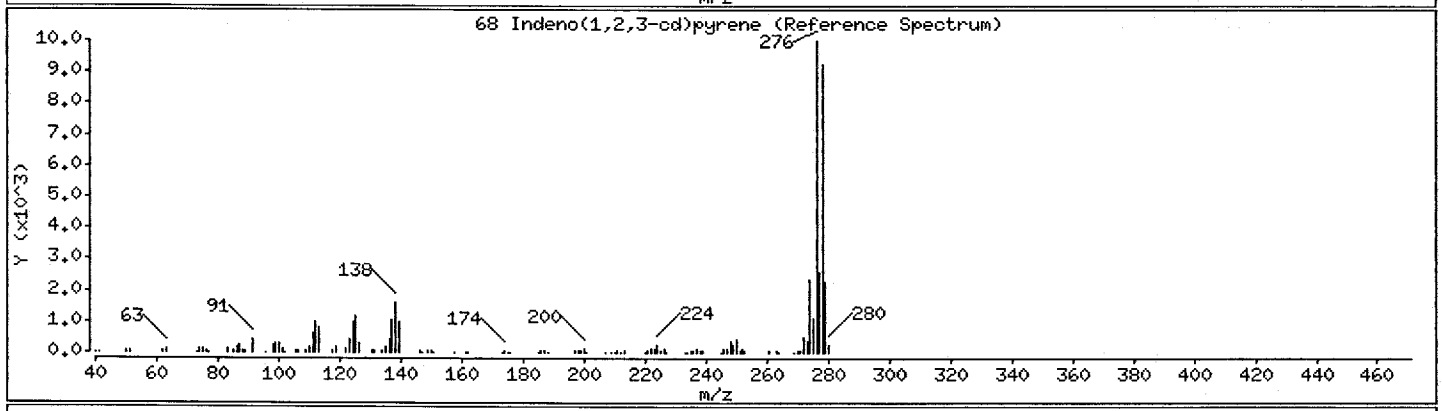
Operator: BNAMS 4

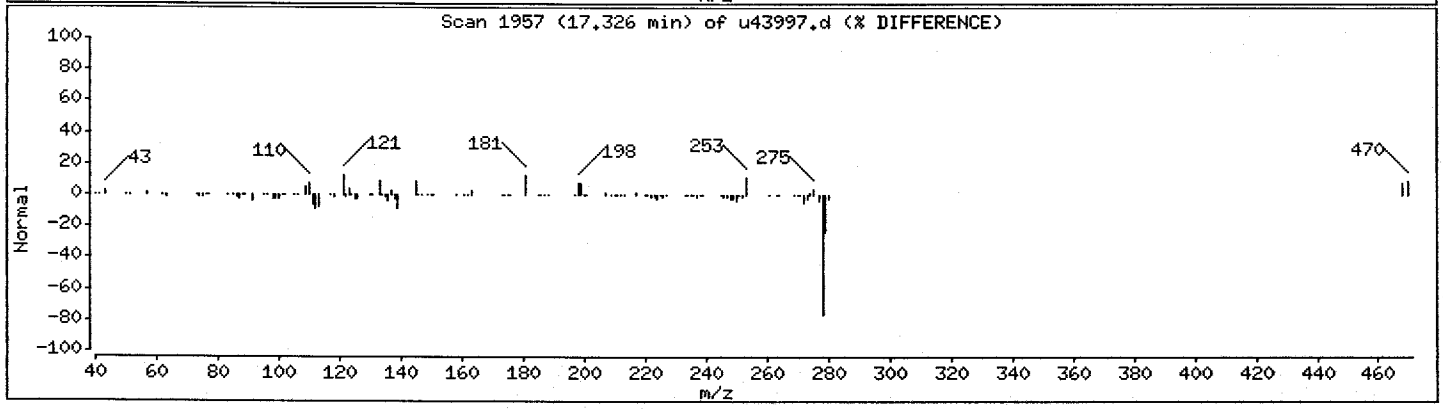
Column phase: DB-5 Column diameter: 0.25

68 Indeno(1,2,3-cd)pyrene Concentration: 160 ug/Kg









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Date : 09-APR-2008 15:38

Client ID: 032608-1435

Instrument: BNAMS4.i

Sample Info: 908703;4225902

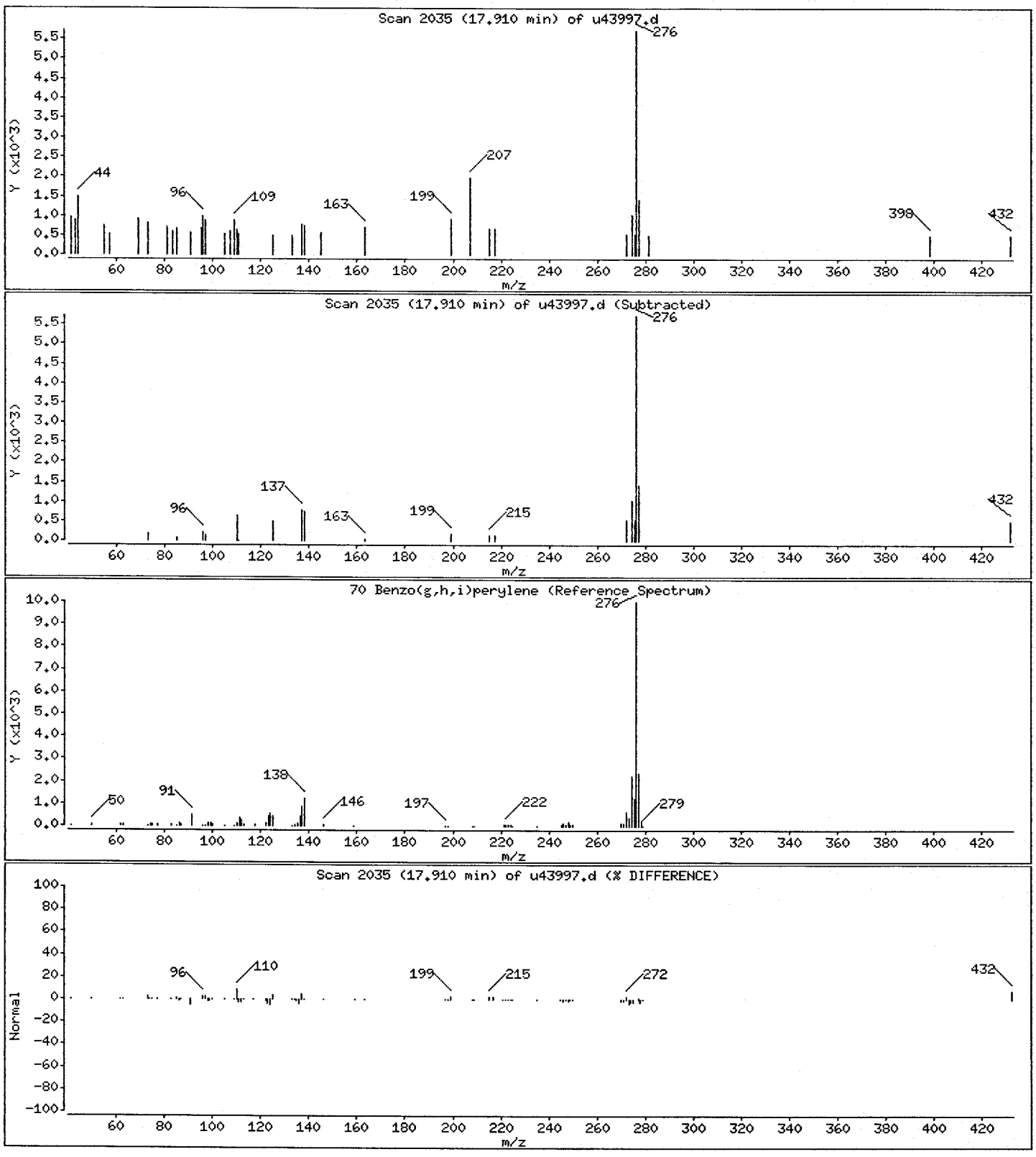
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

70 Benzo(g,h,i)perylene

Concentration: 150 ug/Kg



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43997.d

Date : 09-APR-2008 15:38

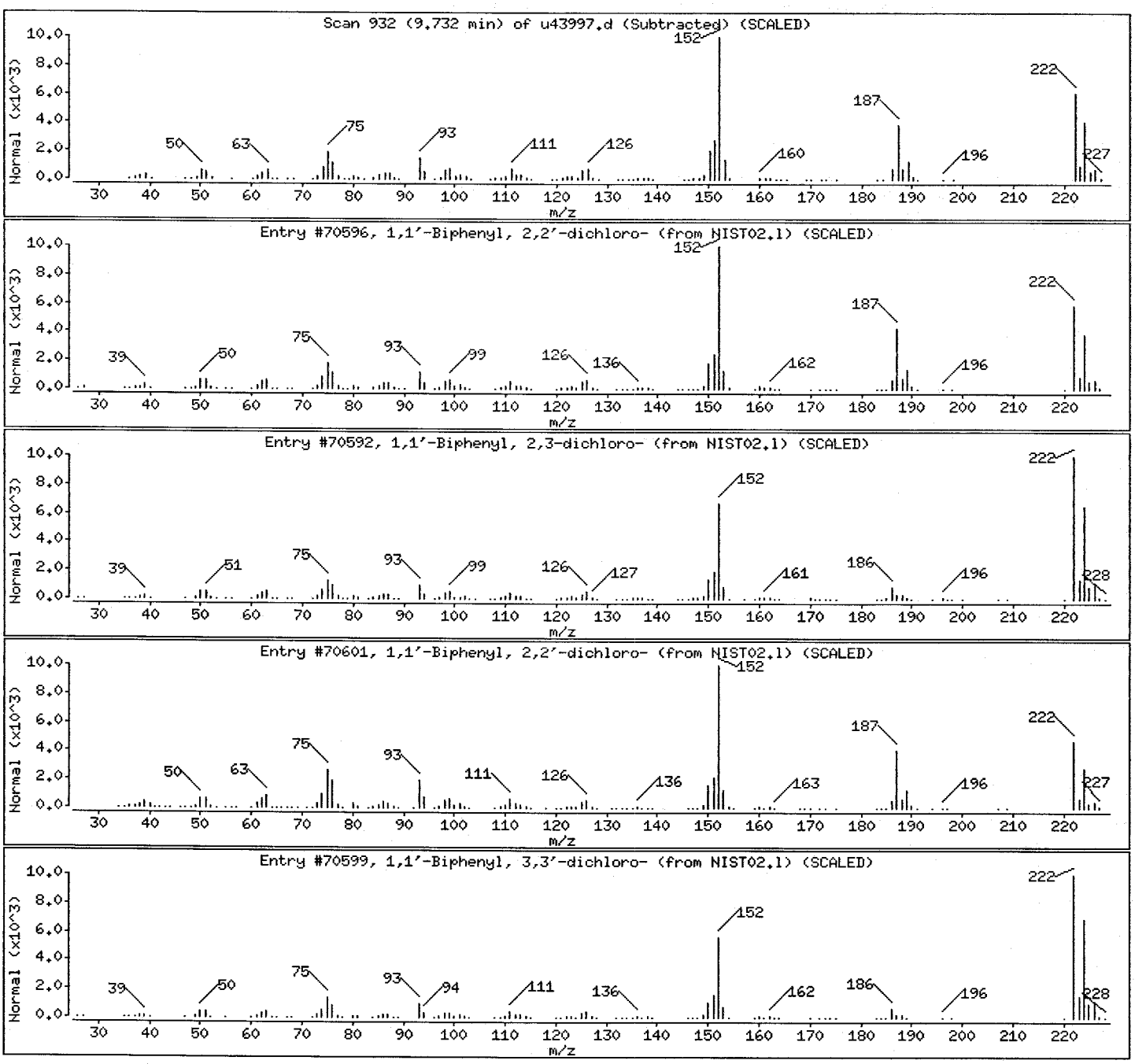
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70596	99	C12H8Cl2	222
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.l	70592	98	C12H8Cl2	222
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70601	97	C12H8Cl2	222
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.l	70599	97	C12H8Cl2	222



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Date : 09-APR-2008 15:38

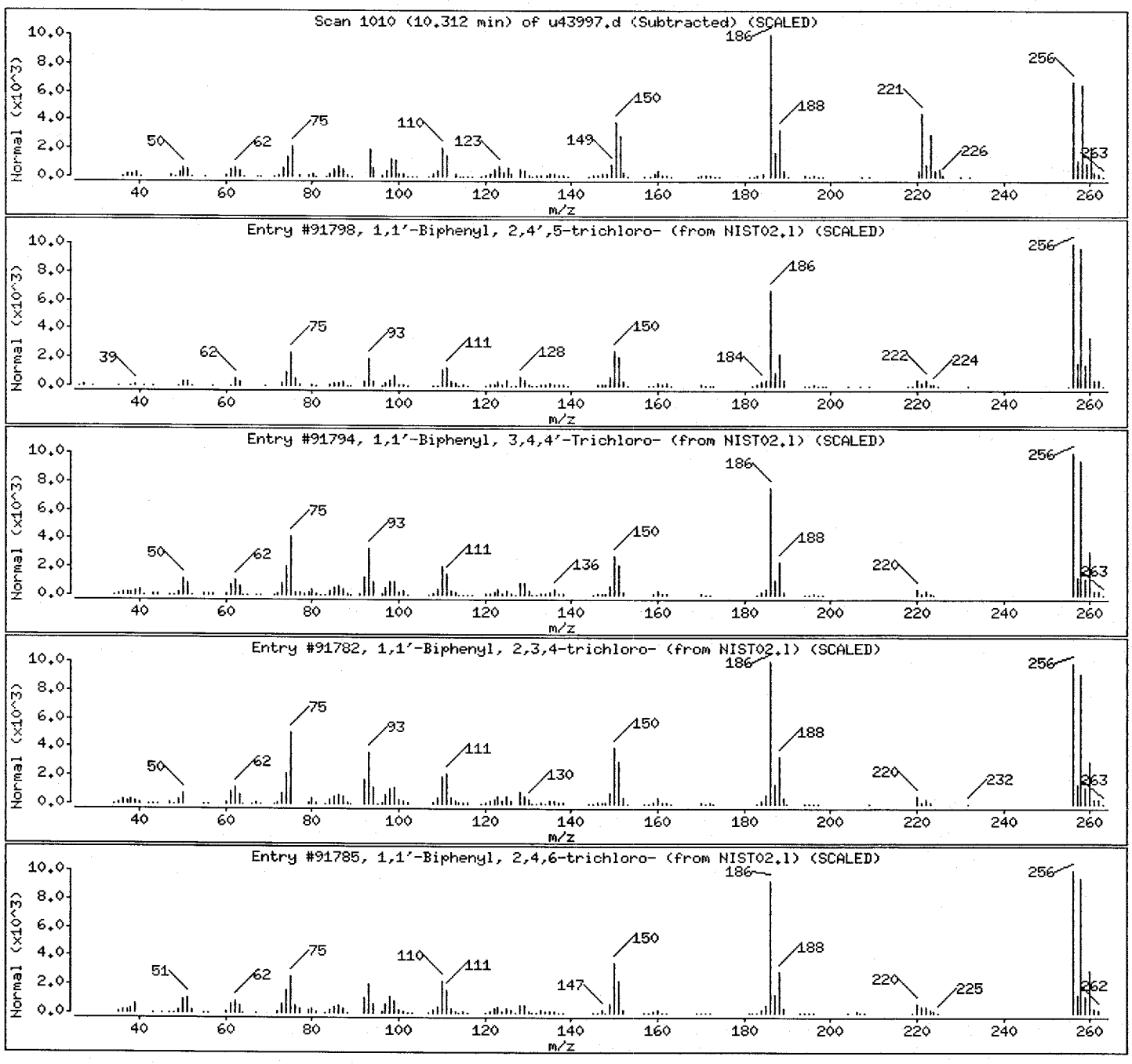
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	99	C12H7Cl3	256
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.l	91794	98	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.l	91782	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	96	C12H7Cl3	256



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43997.d

Date : 09-APR-2008 15:38

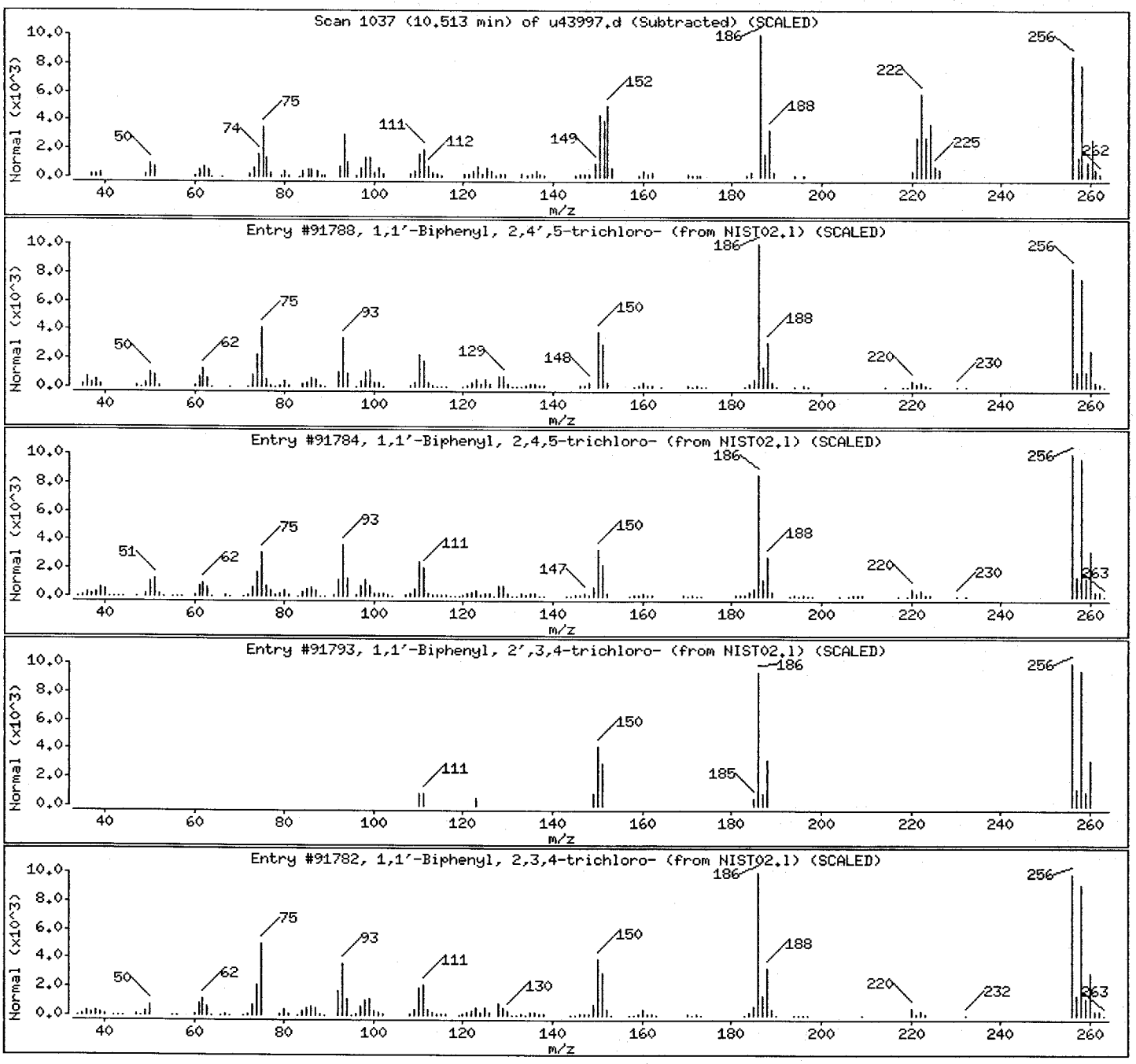
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.1	91788	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.1	91784	96	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.1	91793	96	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.1	91782	96	C12H7Cl3	256



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Date : 09-APR-2008 15:38

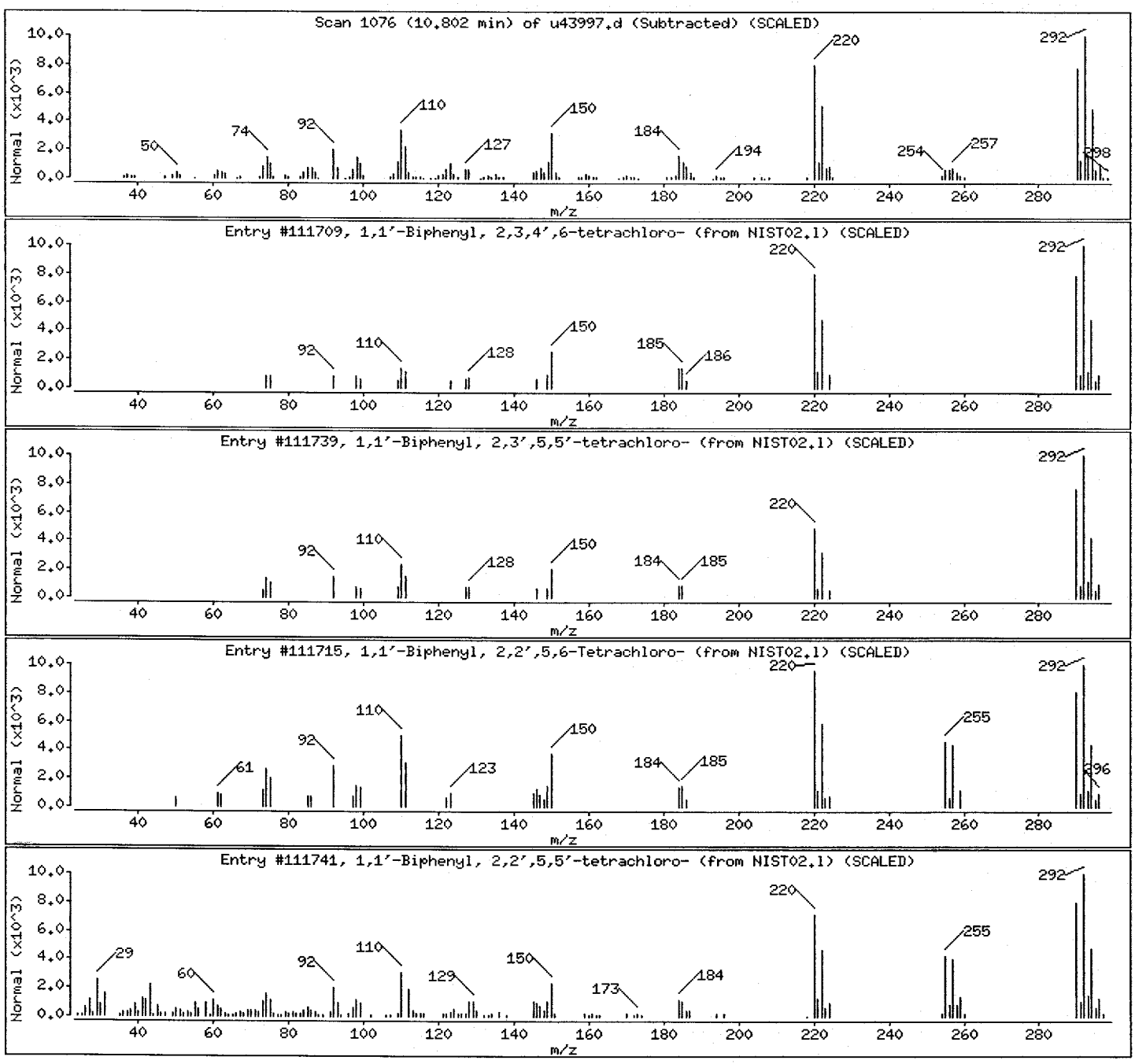
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.l	111739	97	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	41464-41-9	NIST02.l	111715	96	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.l	111741	96	C12H6Cl4	290



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Date : 09-APR-2008 15:38

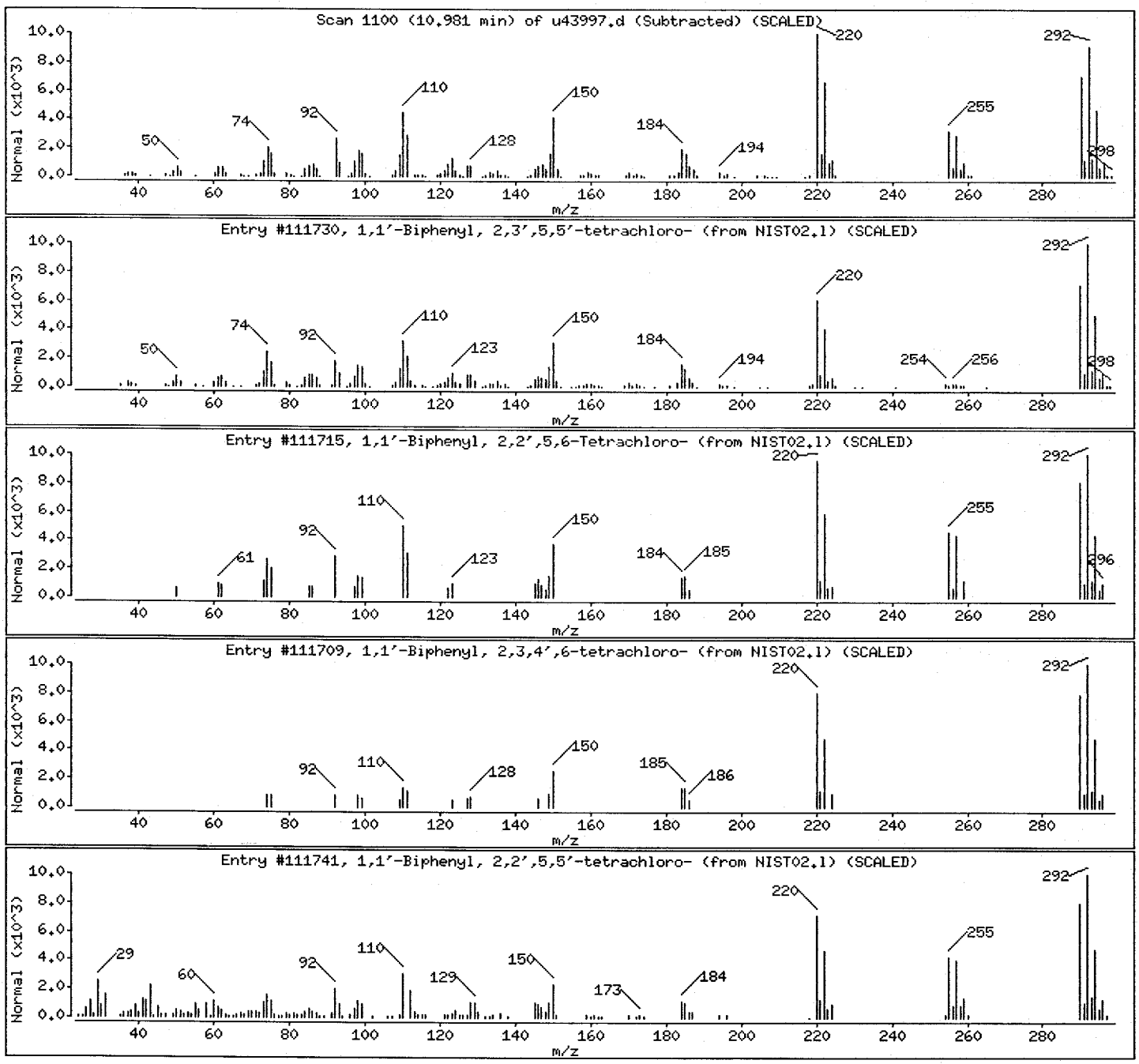
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	41464-41-9	NIST02.l	111715	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.l	111709	98	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.l	111741	98	C12H6Cl4	290



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Date : 09-APR-2008 15:38

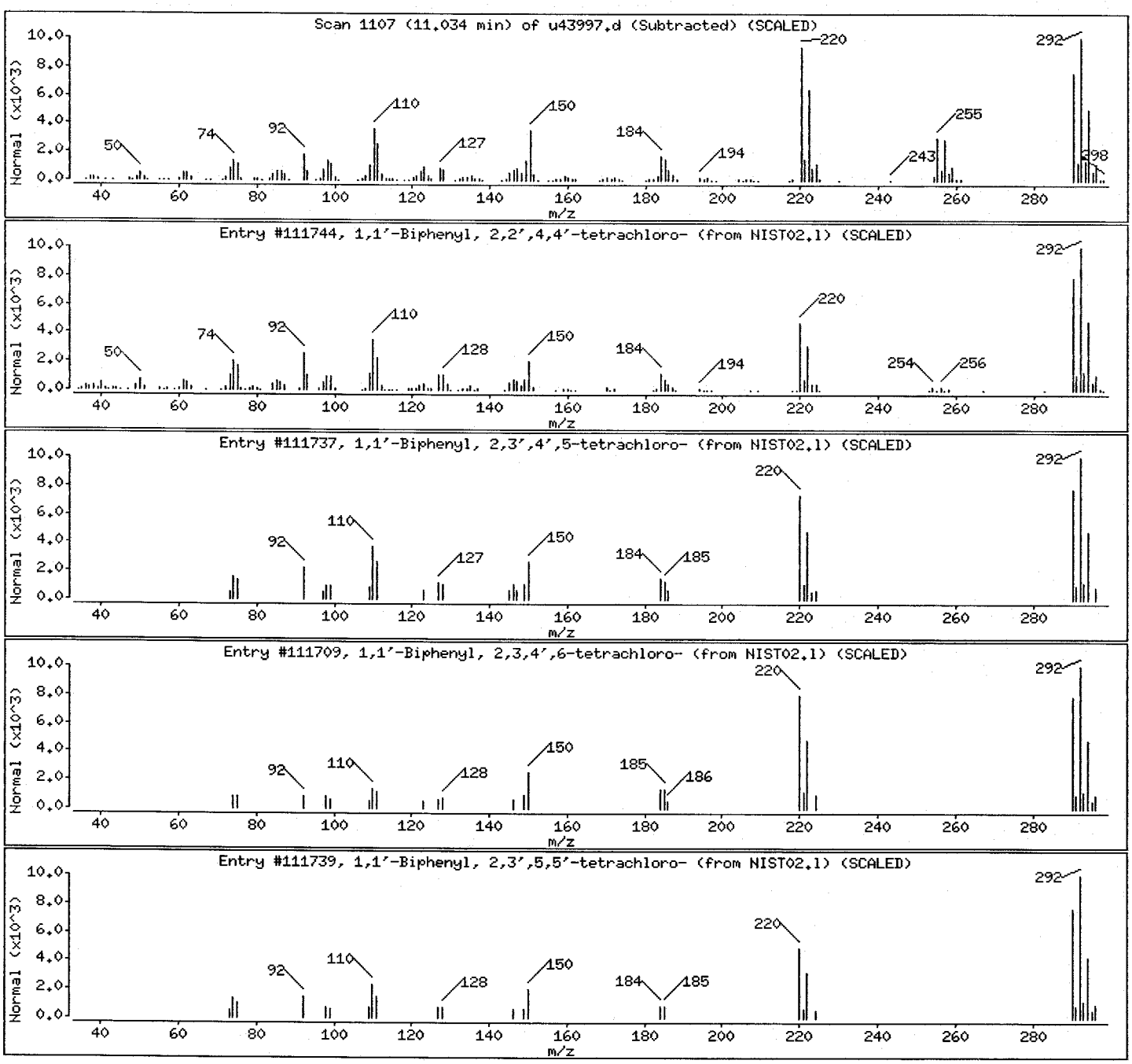
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.l	111744	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.l	111737	98	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.l	111709	98	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.l	111739	98	C12H6Cl4	290



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Date : 09-APR-2008 15:38

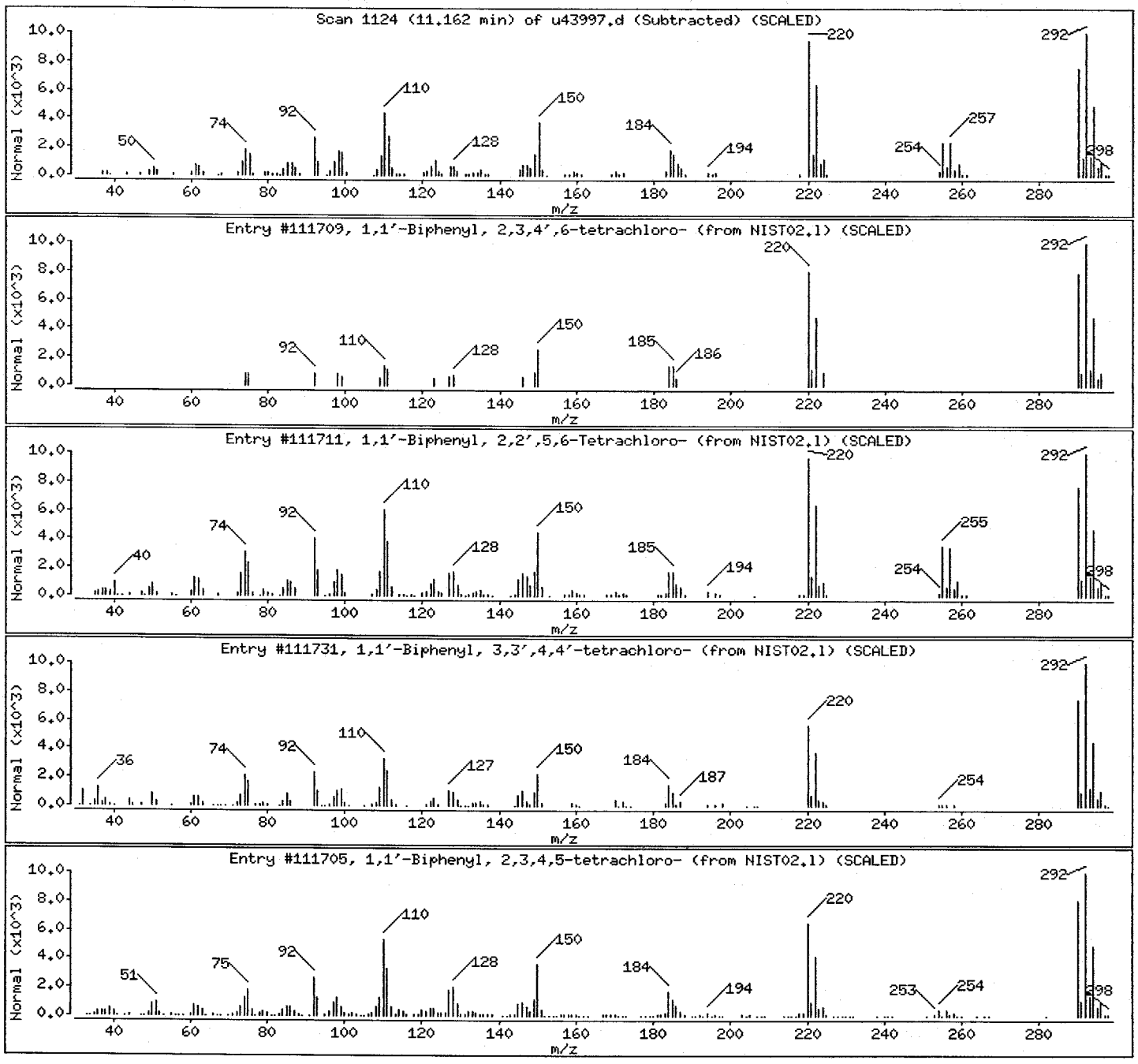
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	41464-41-9	NIST02.l	111711	98	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.l	111731	96	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4,5-tetrachloro-	33284-53-6	NIST02.l	111705	95	C12H6Cl4	290



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Date : 09-APR-2008 15:38

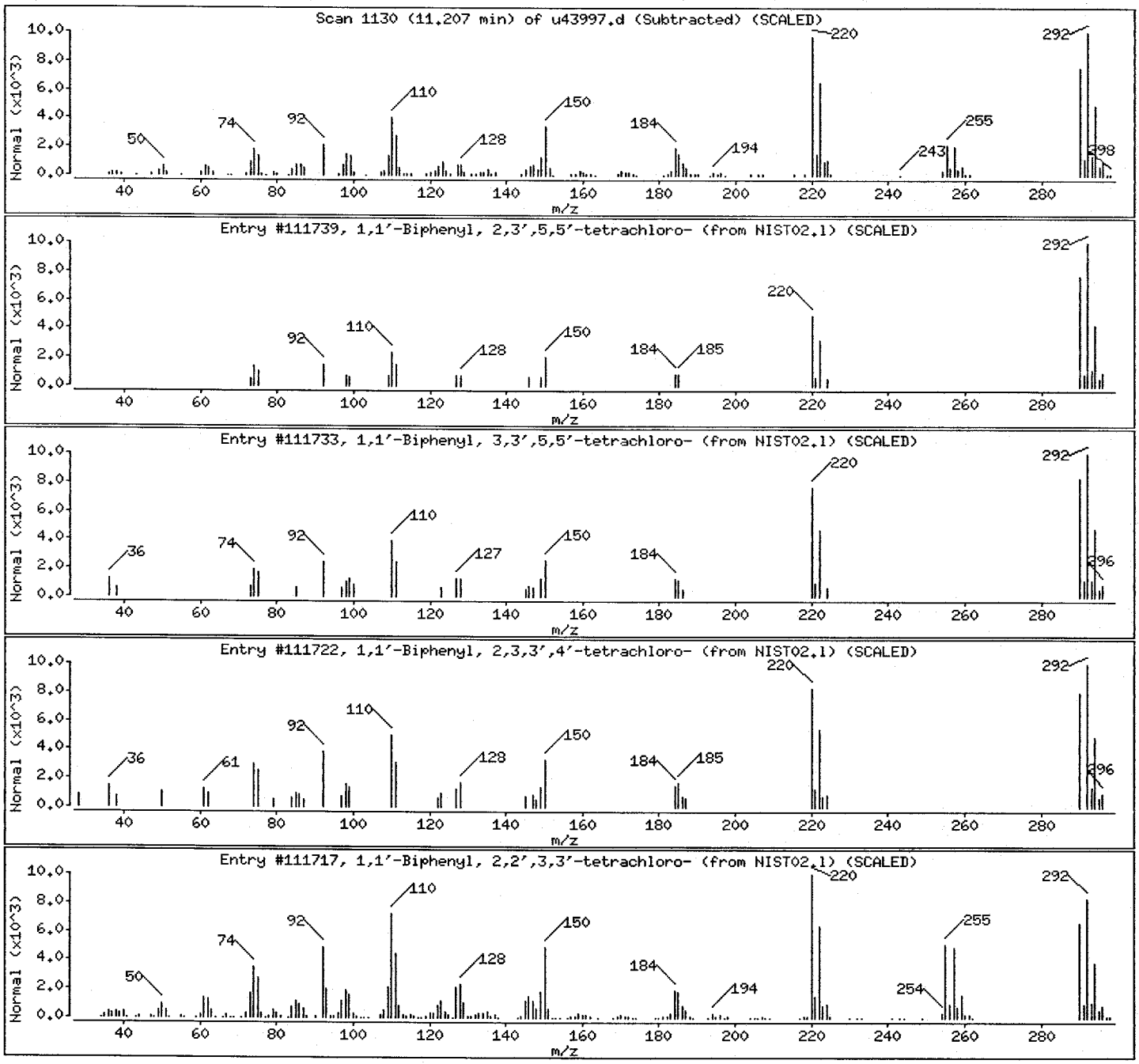
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.l	111739	96	C12H6Cl4	290
1,1'-Biphenyl, 3,3',5,5'-tetrachloro-	33284-52-5	NIST02.l	111733	96	C12H6Cl4	290
1,1'-Biphenyl, 2,3,3',4'-tetrachloro-	41464-43-1	NIST02.l	111722	96	C12H6Cl4	290
1,1'-Biphenyl, 2,2',3,3'-tetrachloro-	38444-93-8	NIST02.l	111717	95	C12H6Cl4	290



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Date : 09-APR-2008 15:38

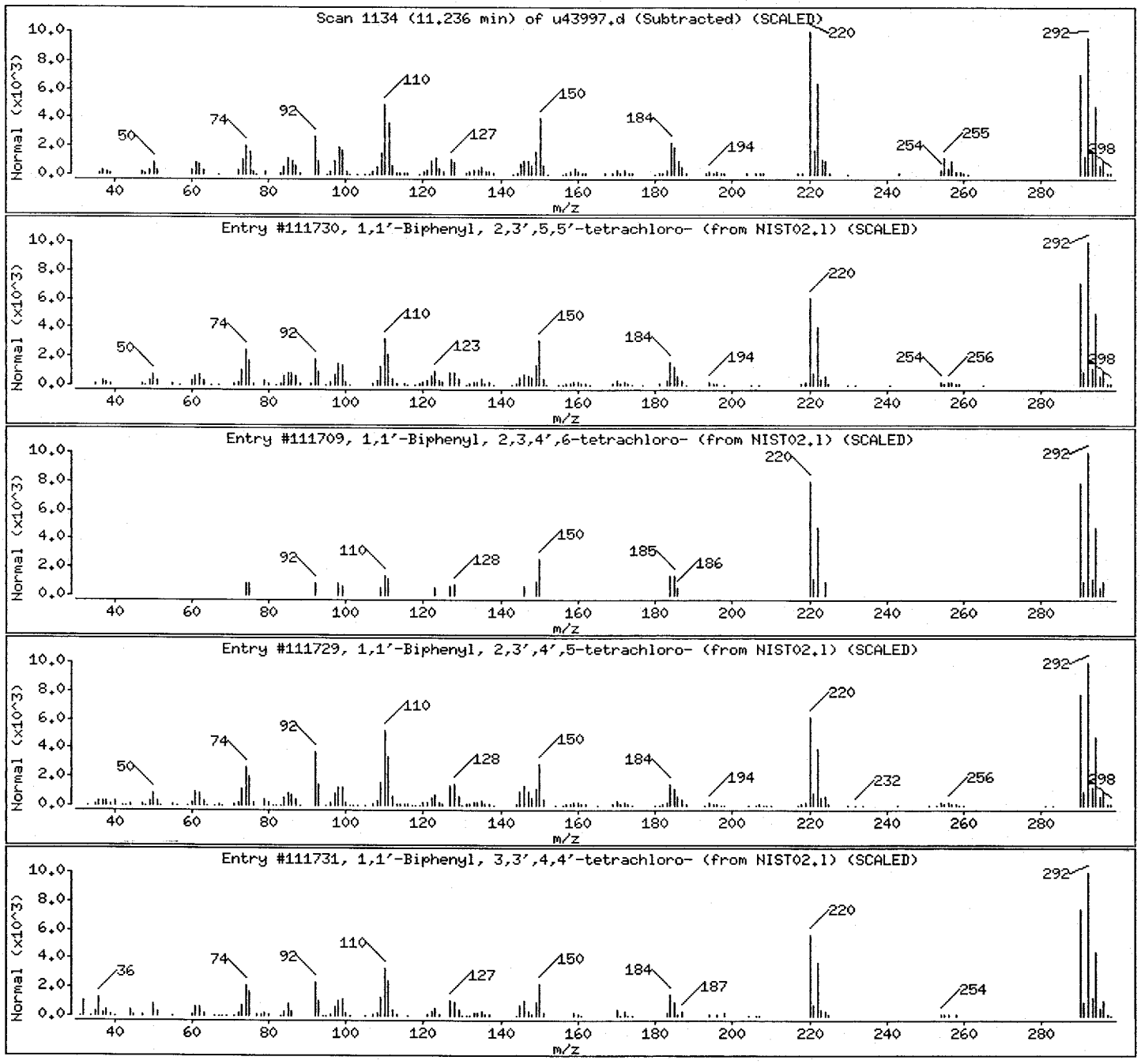
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.l	111729	98	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.l	111731	98	C12H6Cl4	290



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Date : 09-APR-2008 15:38

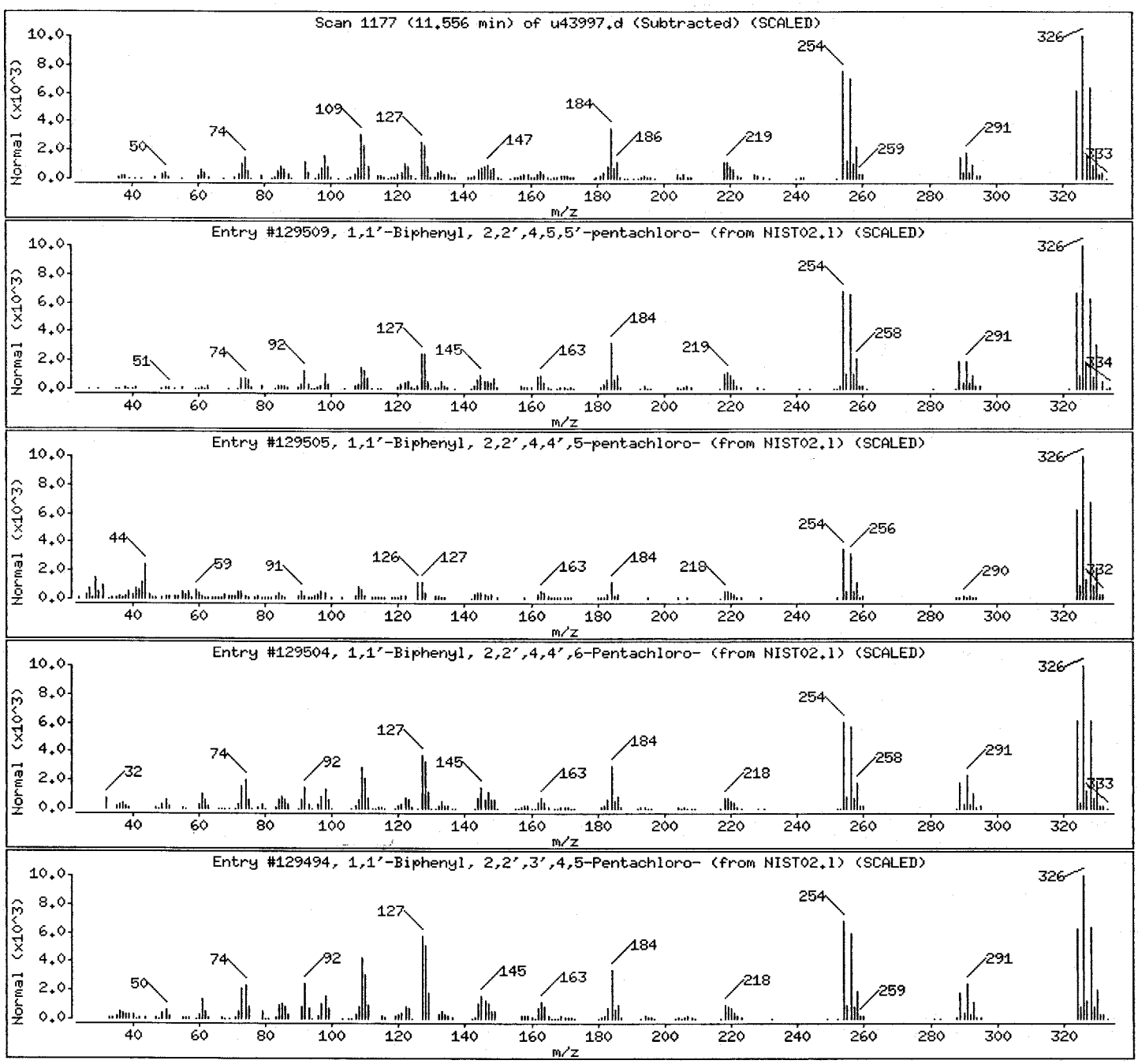
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',4,5,5'-pentachloro-	37680-73-2	NIST02.l	129509	99	C12H5Cl5	324
1,1'-Biphenyl, 2,2',4,4',5-pentachloro-	38380-01-7	NIST02.l	129505	98	C12H5Cl5	324
1,1'-Biphenyl, 2,2',4,4',6-Pentachloro-	39485-83-1	NIST02.l	129504	98	C12H5Cl5	324
1,1'-Biphenyl, 2,2',3',4,5-Pentachloro-	41464-51-1	NIST02.l	129494	97	C12H5Cl5	324



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Date : 09-APR-2008 15:38

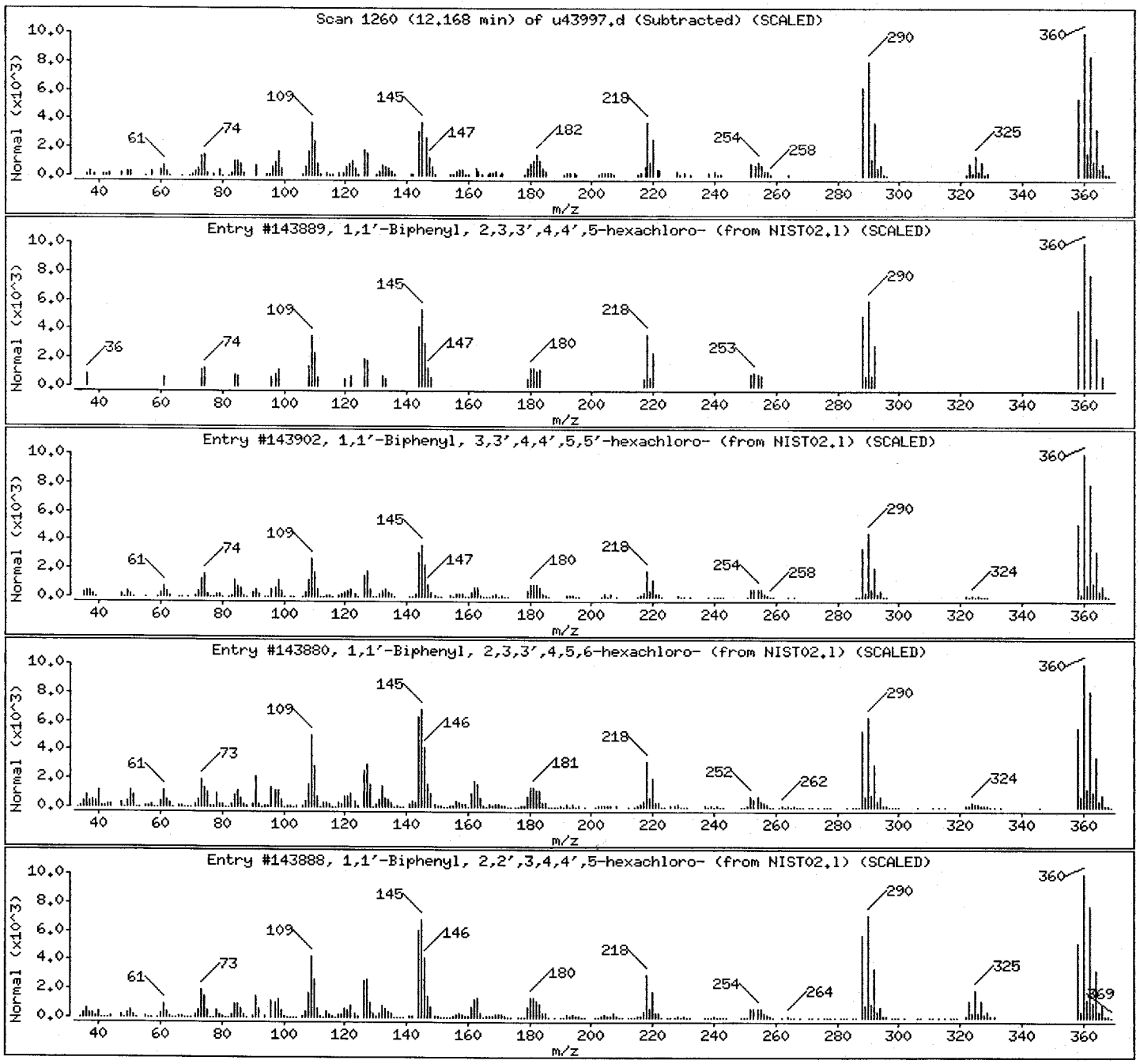
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143889	99	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	99	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,5,6-hexachloro-	41411-62-5	NIST02.l	143880	97	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5-hexachloro-	35694-06-5	NIST02.l	143888	96	C12H4Cl6	358



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Date : 09-APR-2008 15:38

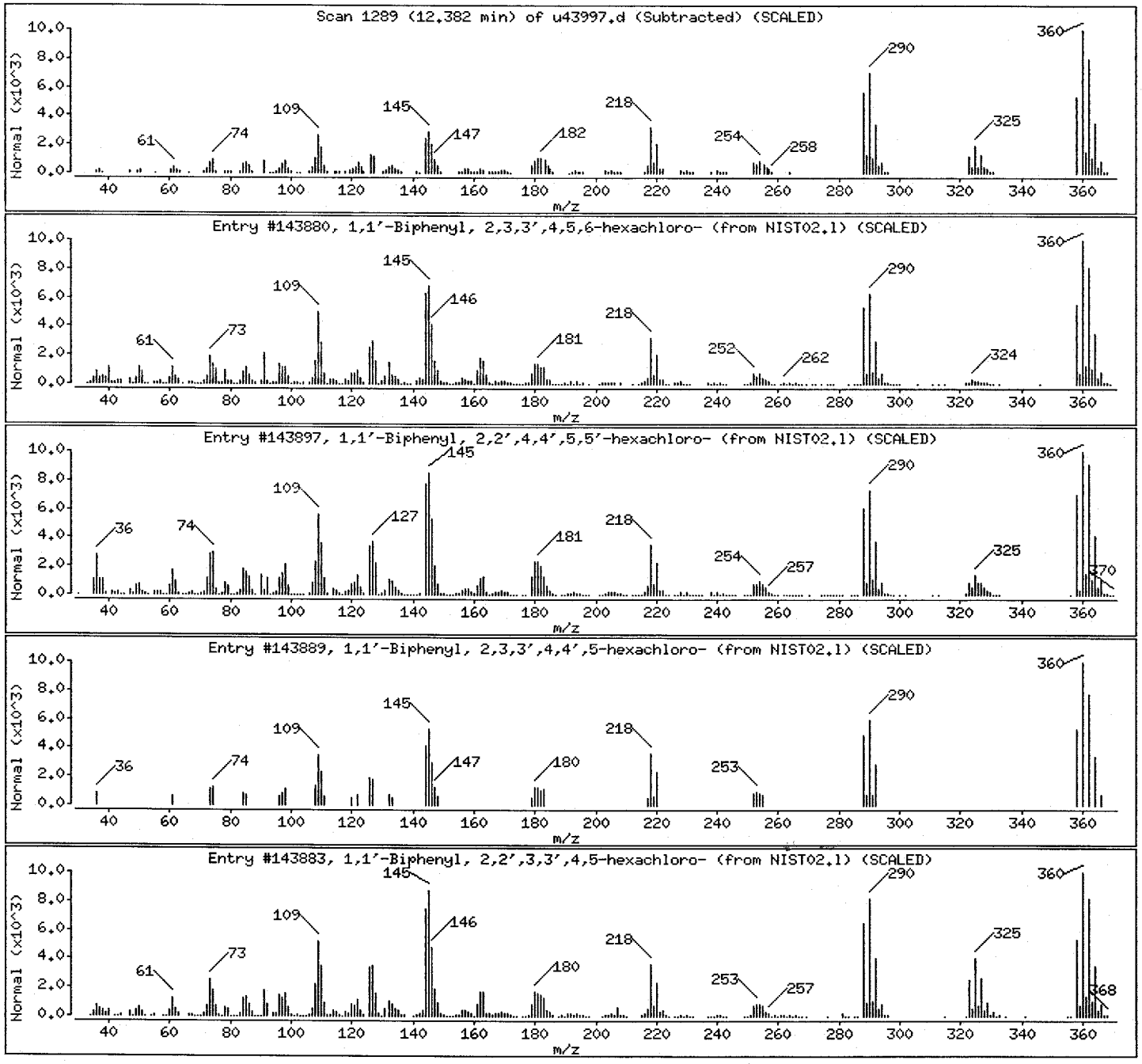
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,5,6-hexachloro-	41411-62-5	NIST02.l	143880	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	35065-27-1	NIST02.l	143897	98	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143889	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,5-hexachloro-	55215-18-4	NIST02.l	143883	96	C12H4Cl6	358



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Date : 09-APR-2008 15:38

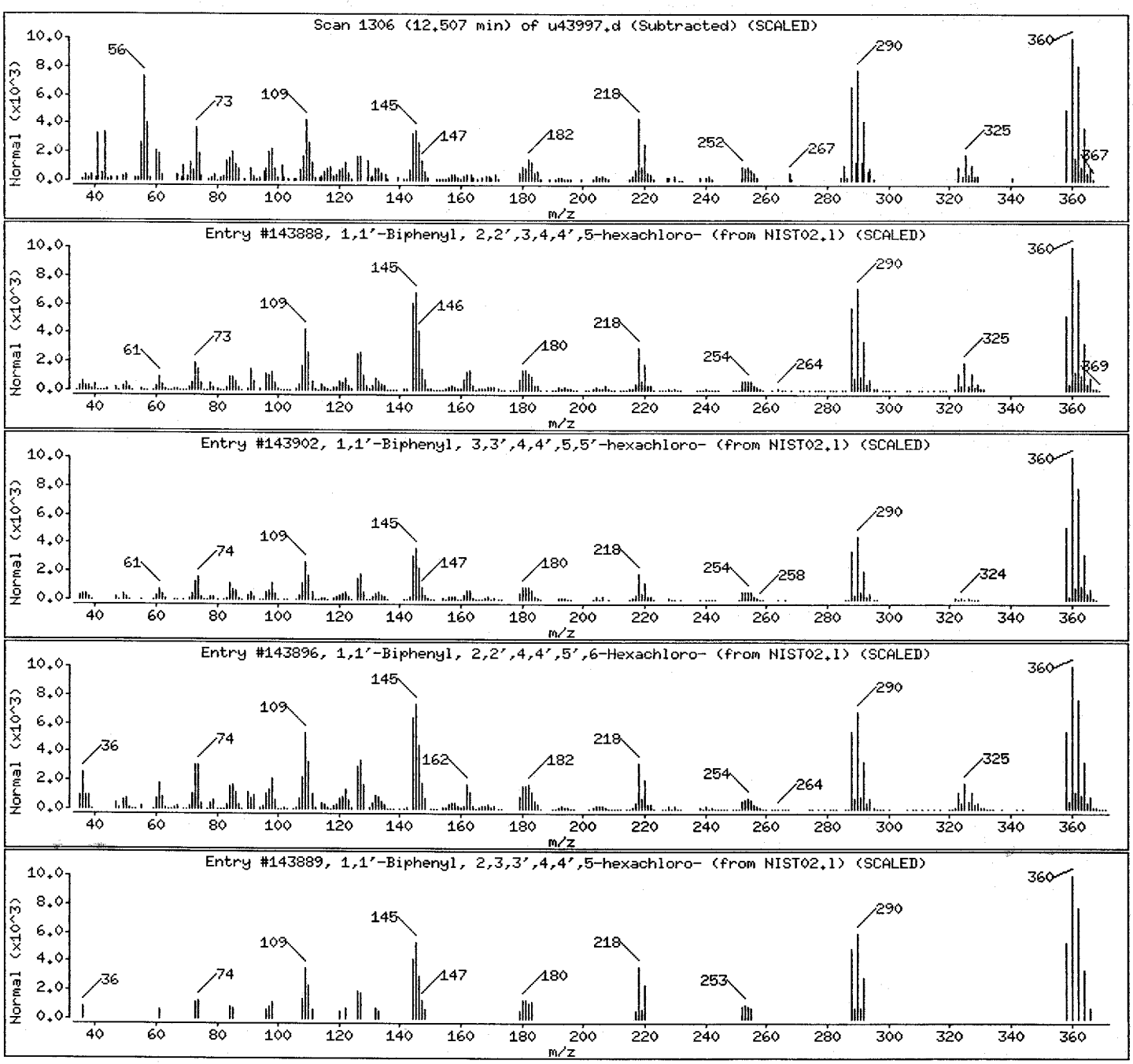
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5-hexachloro-	35694-06-5	NIST02.l	143888	99	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	98	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5',6-Hexachloro	60145-22-4	NIST02.l	143896	98	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143889	96	C12H4Cl6	358



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Date : 09-APR-2008 15:38

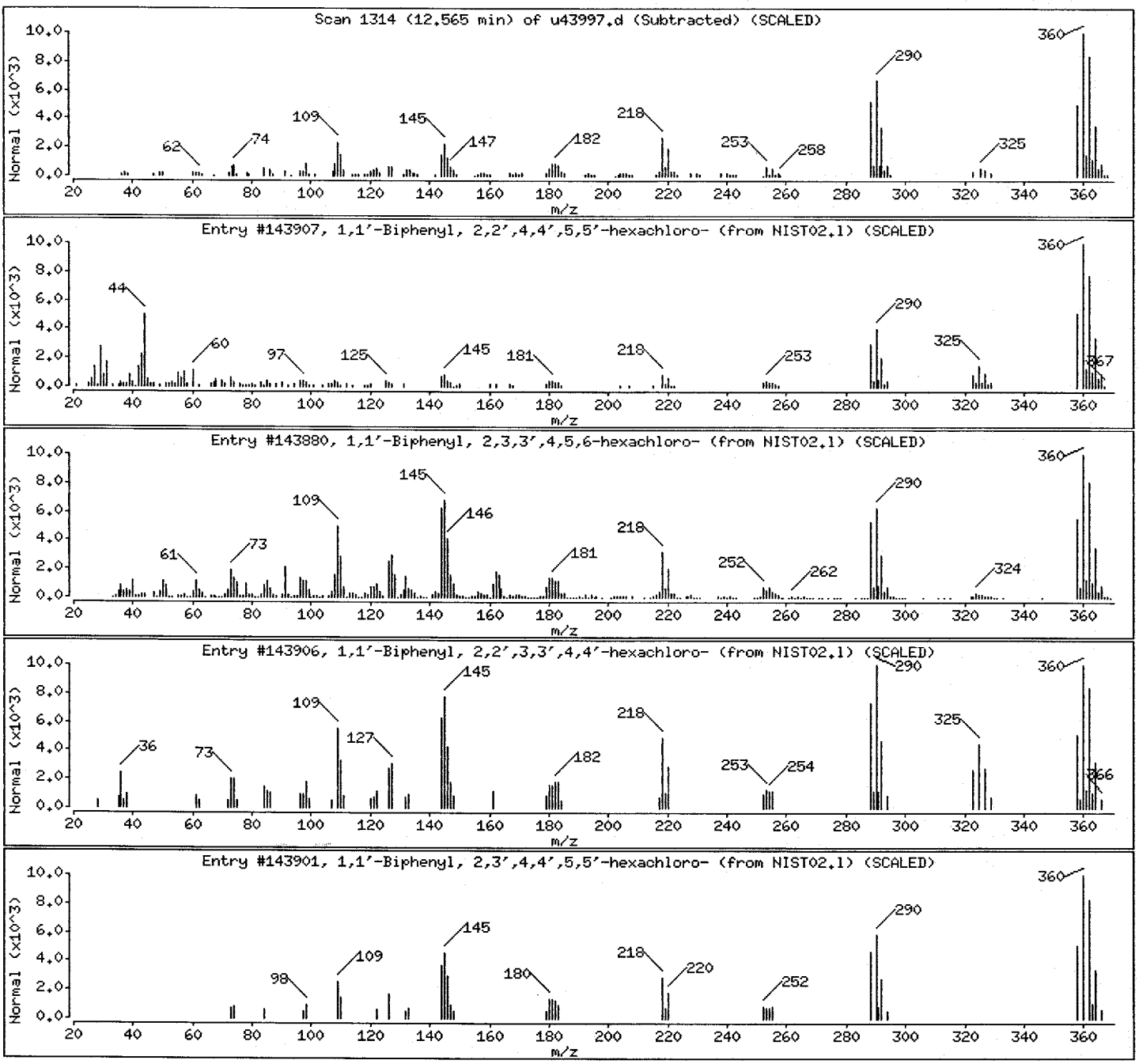
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	35065-27-1	NIST02.l	143907	97	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,5,6-hexachloro-	41411-62-5	NIST02.l	143880	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,4'-hexachloro	38380-07-3	NIST02.l	143906	96	C12H4Cl6	358
1,1'-Biphenyl, 2,3',4,4',5,5'-hexachloro	52663-72-6	NIST02.l	143901	95	C12H4Cl6	358



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Date : 09-APR-2008 15:38

Client ID: 032608-1435

Instrument: BNAMS4.i

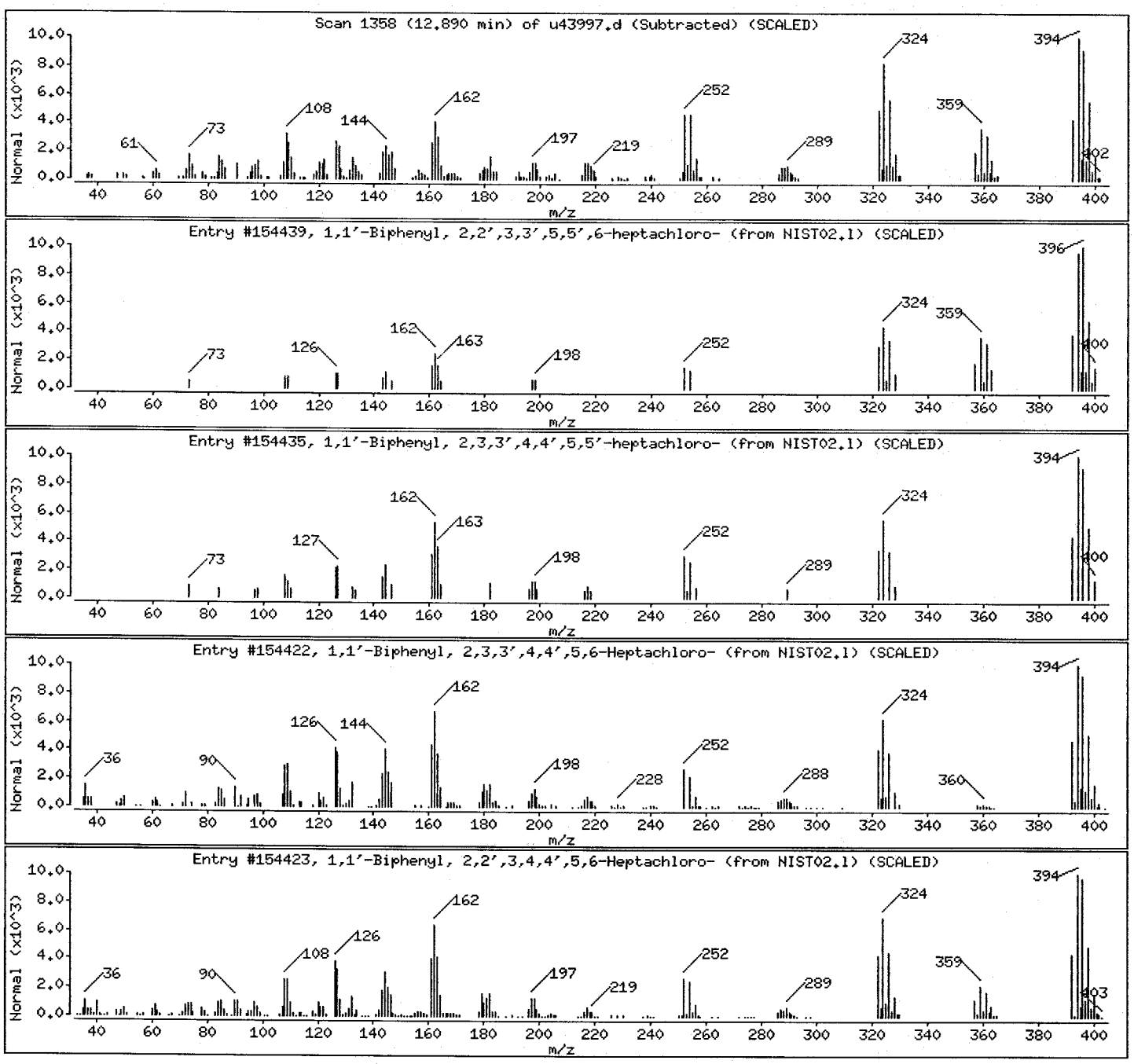
Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4,4',5,6-Heptachlo	41411-64-7	NIST02.l	154422	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,6-Heptachlo	74472-47-2	NIST02.l	154423	98	C12H3Cl7	392



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Date : 09-APR-2008 15:38

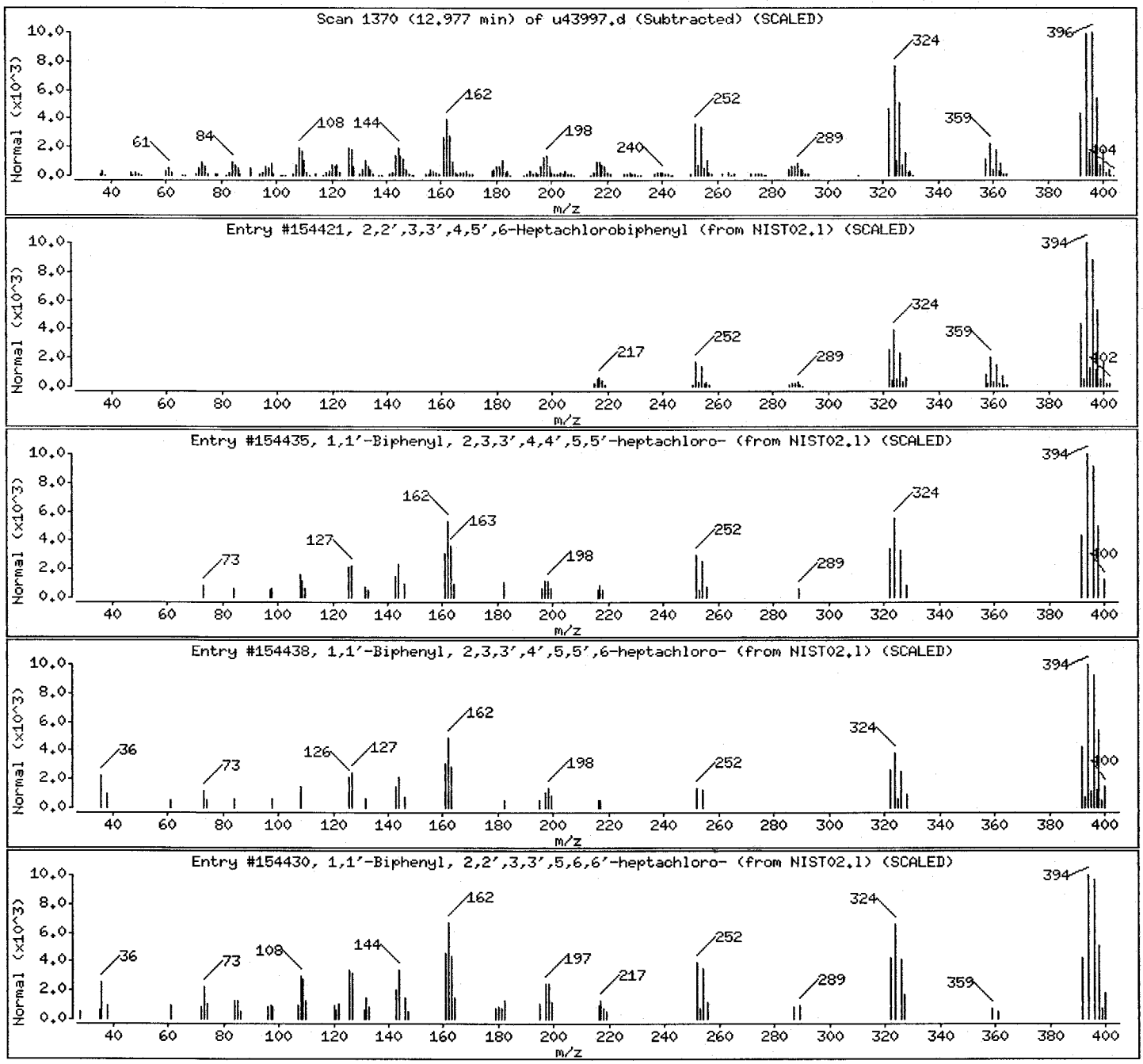
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,6,6'-heptachl	52663-64-6	NIST02.l	154430	96	C12H3Cl7	392



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43997.d

Date : 09-APR-2008 15:38

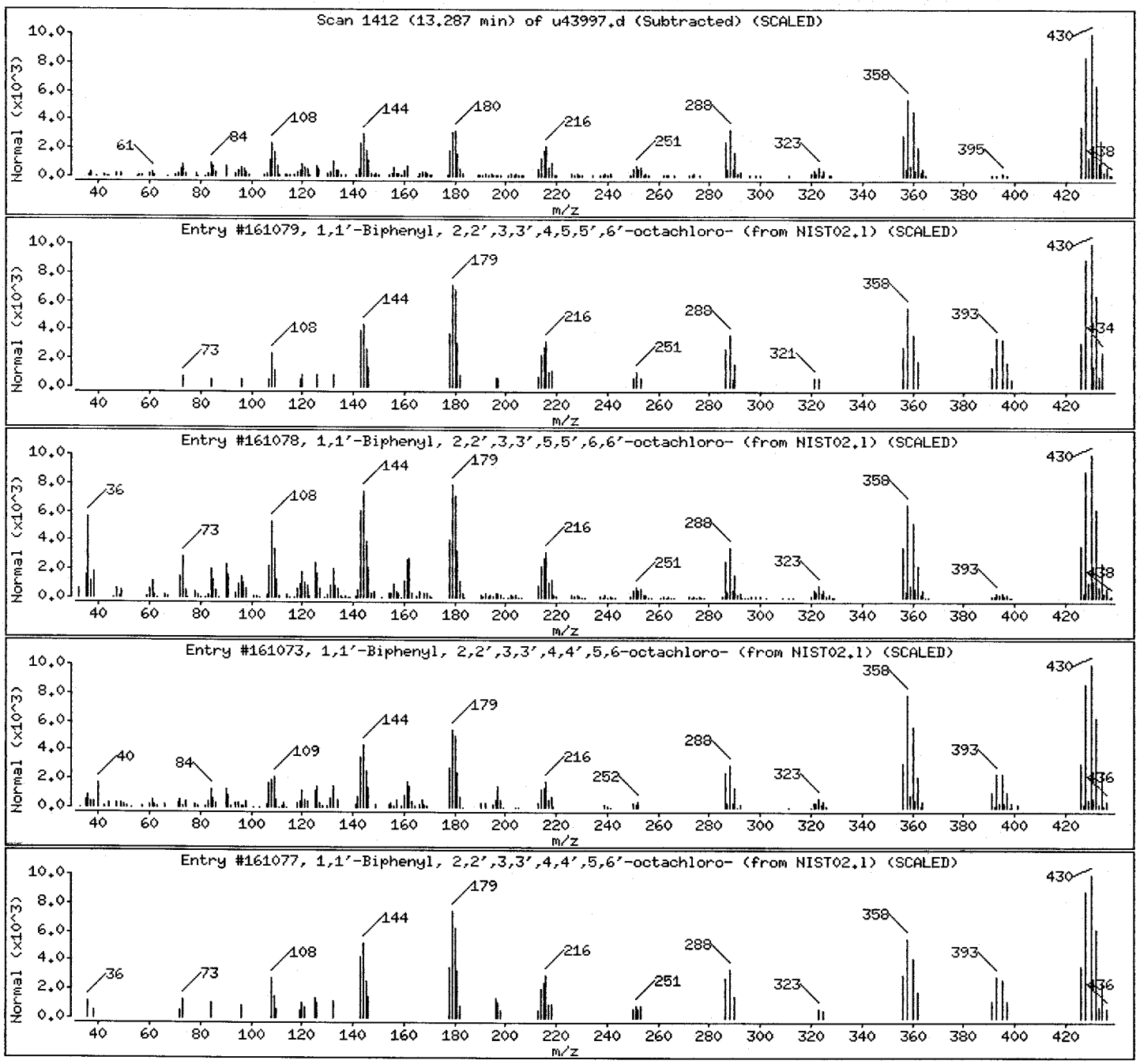
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	97	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	94	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	94	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	91	C12H2Cl8	426



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43997.d

Date : 09-APR-2008 15:38

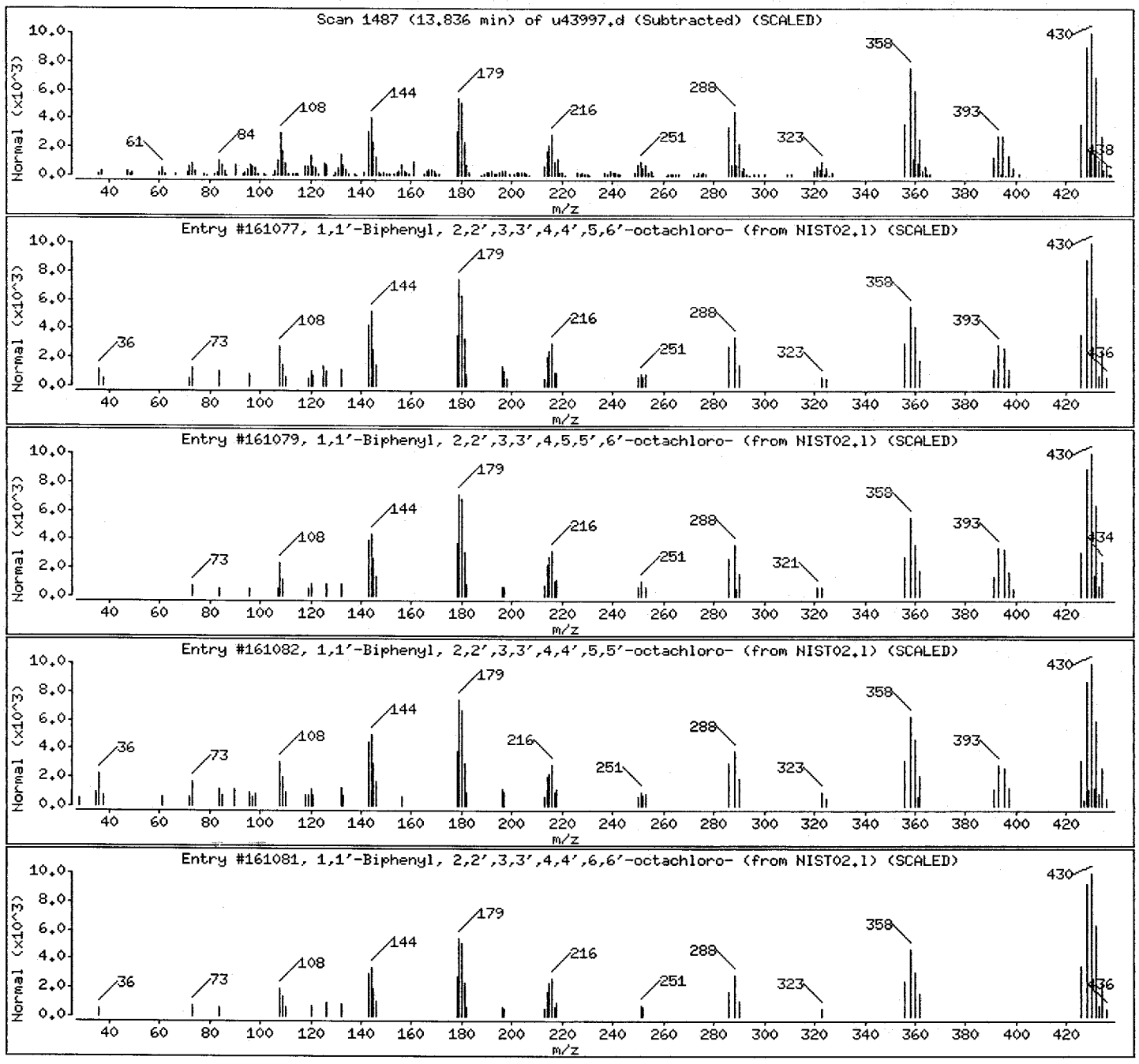
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	98	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	98	C12H2Cl8	426



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43997.d

Date : 09-APR-2008 15:38

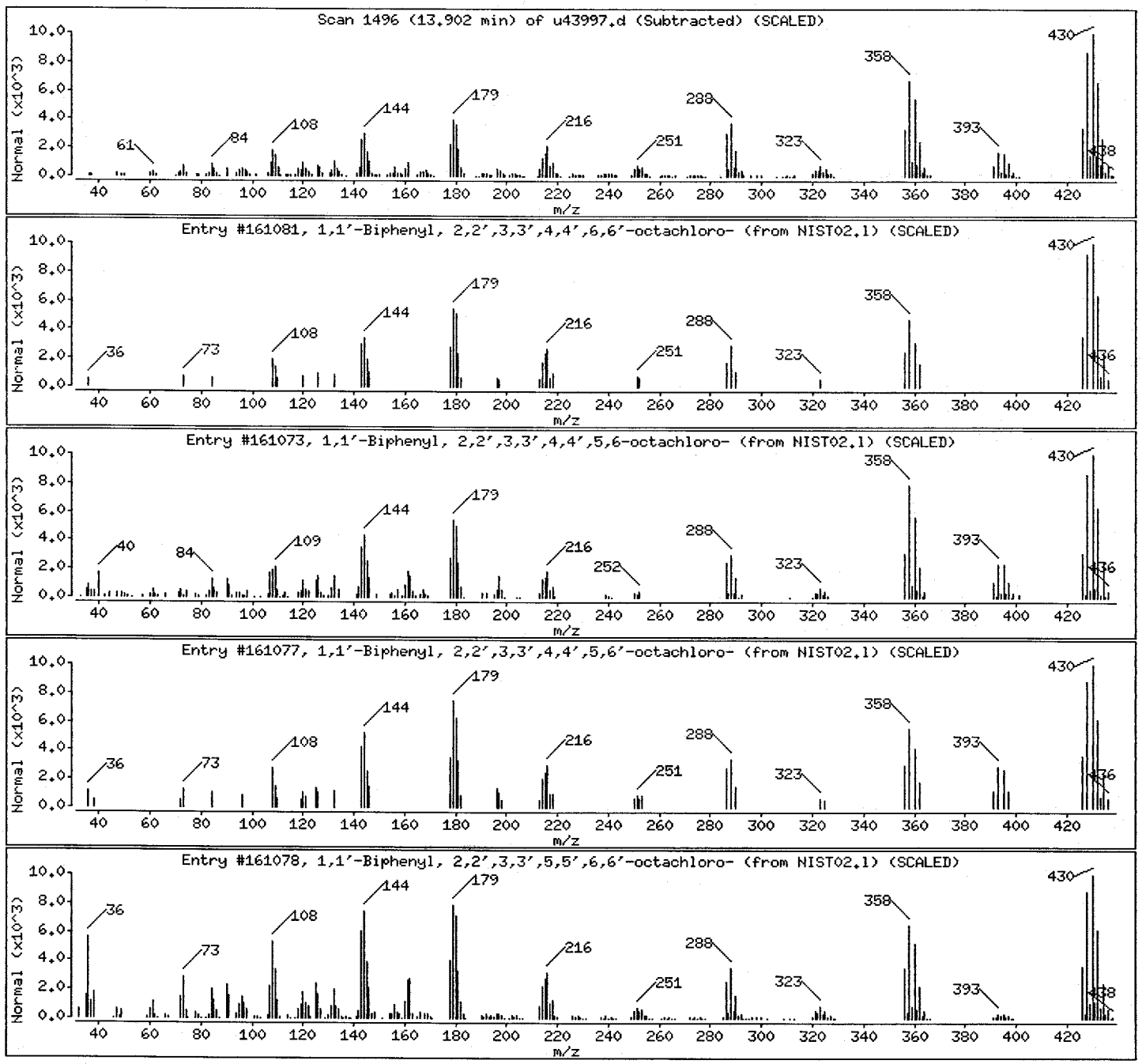
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	98	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	98	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	97	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	91	C12H2Cl8	426



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43997.d

Date : 09-APR-2008 15:38

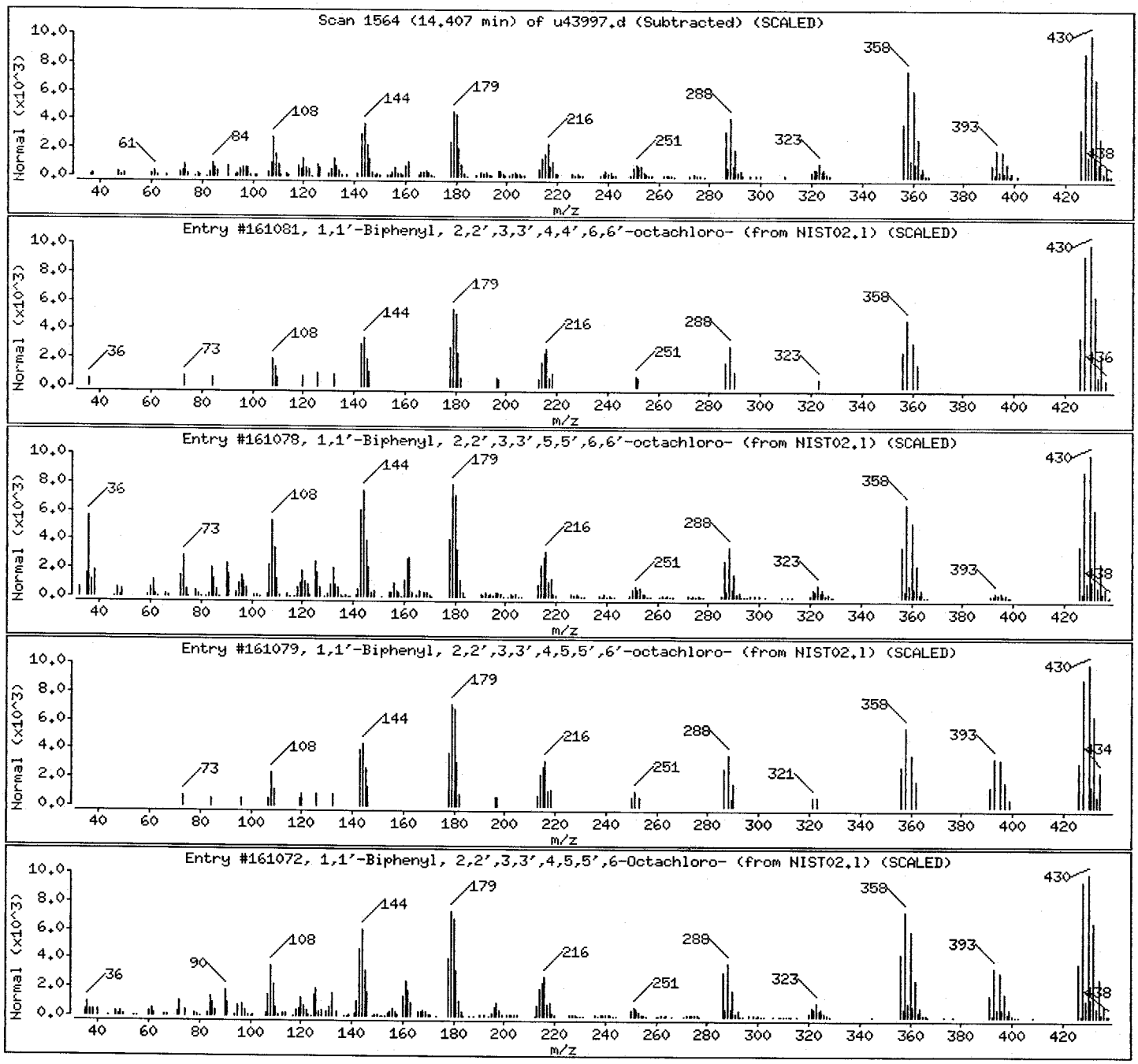
Client ID: 032608-1435 Instrument: BNAMS4.i

Sample Info: 908703;4225902

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	97	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	89	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6-Octach	68194-17-2	NIST02.l	161072	68	C12H2Cl8	426



Client ID: **032608-1440**
Site: BP Hastings

Lab Sample No: **908704**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34090.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 48

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	640
2-Chlorophenol	ND	640
2-Methylphenol	ND	640
4-Methylphenol	ND	640
2-Nitrophenol	ND	640
2,4-Dimethylphenol	ND	640
2,4-Dichlorophenol	ND	640
4-Chloro-3-methylphenol	ND	640
2,4,6-Trichlorophenol	ND	640
2,4,5-Trichlorophenol	ND	640
2,4-Dinitrophenol	ND	1900
4-Nitrophenol	ND	1900
4,6-Dinitro-2-methylphenol	ND	1900
Pentachlorophenol	ND	1900

Client ID: **032608-1440**
Site: BP Hastings

Lab Sample No: **908704**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34090.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 48

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	64
1,3-Dichlorobenzene	ND	640
1,4-Dichlorobenzene	ND	640
1,2-Dichlorobenzene	ND	640
bis(2-chloroisopropyl)ether	ND	640
N-Nitroso-di-n-propylamine	ND	64
Hexachloroethane	ND	64
Nitrobenzene	ND	64
Isophorone	ND	640
bis(2-Chloroethoxy)methane	ND	640
1,2,4-Trichlorobenzene	ND	64
Naphthalene	ND	640
4-Chloroaniline	ND	640
Hexachlorobutadiene	ND	130
2-Methylnaphthalene	ND	640
Hexachlorocyclopentadiene	ND	640
2-Chloronaphthalene	23 J	640
2-Nitroaniline	ND	1300
Dimethylphthalate	ND	640
Acenaphthylene	ND	640
2,6-Dinitrotoluene	ND	130
3-Nitroaniline	ND	1300
Acenaphthene	ND	640
Dibenzofuran	ND	640
2,4-Dinitrotoluene	ND	130
Diethylphthalate	ND	640
4-Chlorophenyl-phenylether	ND	640
Fluorene	ND	640
4-Nitroaniline	ND	1300
N-Nitrosodiphenylamine	ND	640
4-Bromophenyl-phenylether	ND	640
Hexachlorobenzene	ND	64
Phenanthrene	13 J	640
Anthracene	ND	640

Client ID: **032608-1440**
Site: BP Hastings

Lab Sample No: **908704**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34090.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 48

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	640
Di-n-butylphthalate	ND	640
Fluoranthene	23 J	640
Pyrene	27 J	640
Butylbenzylphthalate	ND	640
3,3'-Dichlorobenzidine	ND	1300
Benzo(a)anthracene	ND	64
Chrysene	ND	640
bis(2-Ethylhexyl)phthalate	ND	640
Di-n-octylphthalate	ND	640
Benzo(b)fluoranthene	ND	64
Benzo(k)fluoranthene	ND	64
Benzo(a)pyrene	20 J	64
Indeno(1,2,3-cd)pyrene	ND	64
Dibenz(a,h)anthracene	ND	64
Benzo(g,h,i)perylene	ND	640

Client ID: **032608-1440**
Site: BP Hastings

Lab Sample No: **908704**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34090.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 48.2

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Hexachloro-1,1'-biphenyl isomer	12.18	12000	
2.	Hexachloro-1,1'-biphenyl isomer	12.28	7300	
3.	Hexachloro-1,1'-biphenyl isomer	12.39	16000	
4.	Hexachloro-1,1'-biphenyl isomer	12.52	7800	
5.	Hexachloro-1,1'-biphenyl isomer	12.59	17000	
6.	Heptachloro-1,1'-biphenyl isomer	12.75	13000	
7.	Heptachloro-1,1'-biphenyl isomer	12.91	7400	
8.	Heptachloro-1,1'-biphenyl isomer	13.02	32000	
9.	Unknown	13.05	21000	
10.	Heptachloro-1,1'-biphenyl isomer	13.24	28000	
11.	Heptachloro-1,1'-biphenyl isomer	13.29	14000	
12.	Octachloro-1,1'-biphenyl isomer	13.32	32000	
13.	Octachloro-1,1'-biphenyl isomer	13.39	17000	
14.	Heptachloro-1,1'-biphenyl isomer	13.51	70000	
15.	Octachloro-1,1'-biphenyl isomer	13.89	67000	
16.	Unknown	13.98	58000	
17.	Nonylchloro-1,1-biphenyl isomer	14.25	20000	
18.	Octachloro-1,1'-biphenyl isomer	14.28	15000	
19.	Octachloro-1,1'-biphenyl isomer	14.48	50000	
20.	Nonylchloro-1,1-biphenyl isomer	14.91	53000	
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 557500

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34090.d
Report Date: 09-Apr-2008 12:36

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34090.d
Lab Smp Id: 908704 Client Smp ID: 032608-1440
Inj Date : 08-APR-2008 12:03
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : 908704;4225903
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS6.i/8270/04-02-08/08apr08.b/8270C_08.m
Meth Date : 09-Apr-2008 09:19 monica Quant Type: ISTD
Cal Date : 02-APR-2008 22:21 Cal File: m33969.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	48.20000	% Moisture

Cpnd Variable Local Compound Variable

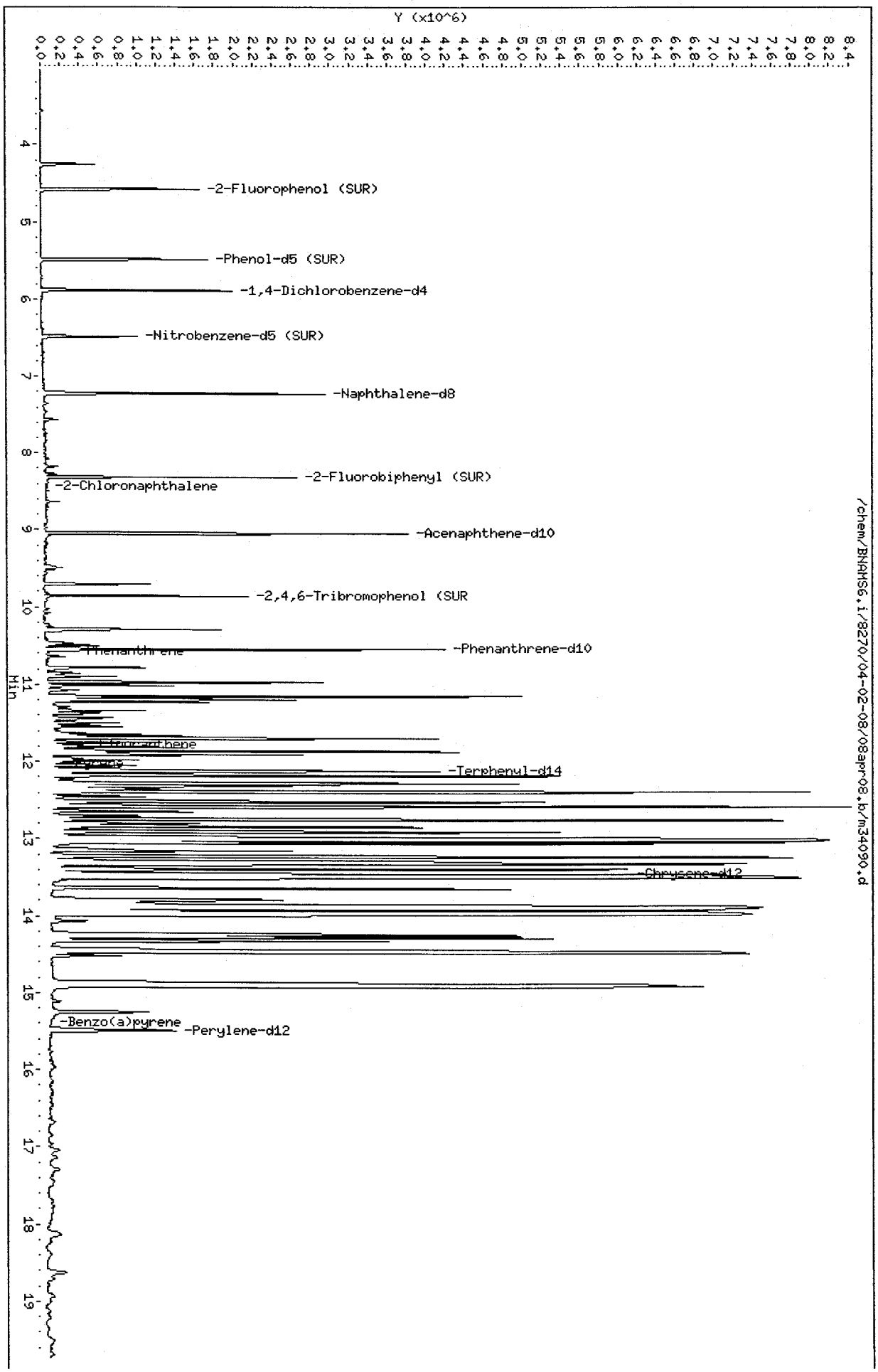
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$	16 2-Fluorophenol (SUR)	112	4.578	4.578	(0.777)	584983	50.0889	6400
$	17 Phenol-d5 (SUR)	99	5.486	5.497	(0.931)	760212	48.9987	6300
*	79 1,4-Dichlorobenzene-d4	152	5.891	5.891	(1.000)	374664	40.0000	
$	76 Nitrobenzene-d5 (SUR)	82	6.488	6.502	(0.898)	318014	24.7243	3200
*	80 Naphthalene-d8	136	7.227	7.228	(1.000)	1497334	40.0000	
$	77 2-Fluorobiphenyl (SUR)	172	8.315	8.322	(0.919)	813440	26.8130	3400
	36 2-Chloronaphthalene	162	8.449	8.462	(0.934)	4661	0.17909	23(a)
*	82 Acenaphthene-d10	164	9.048	9.053	(1.000)	1023469	40.0000	
$	18 2,4,6-Tribromophenol (SUR)	330	9.855	9.854	(1.089)	197290	31.9592	4100
*	83 Phenanthrene-d10	188	10.545	10.549	(1.000)	1651007	40.0000	
	52 Phenanthrene	178	10.566	10.571	(1.002)	5080	0.10179	13(a)
	56 Fluoranthene	202	11.783	11.782	(1.117)	8910	0.18097	23(a)
	57 Pyrene	202	12.027	12.032	(0.894)	9802	0.20670	27(a)

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34090.d
Report Date: 09-Apr-2008 12:36

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 78 Terphenyl-d14	244	12.125	12.119	(0.901)	1440974	40.0881	5200
* 81 Chrysene-d12	240	13.454	13.429	(1.000)	1716516	40.0000	
67 Benzo(a)pyrene	252	15.393	15.399	(0.993)	3560	0.15824	20(a)
* 84 Perylene-d12	264	15.497	15.487	(1.000)	794302	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).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Date : 08-APR-2008 12:03
Client ID: 032608-1440
Sample Info: 908704;4225903
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34090.d
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)
-2-Chloronaphthalene
-Acenaphthene-d10
-2,4,6-Tribromophenol (SUR
-Phenanthrene-d10
-Terphenyl-d14
-Chrysene-d12
-Benzo(a)pyrene
-Perylene-d12

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34090.d

Date : 08-APR-2008 12:03

Client ID: 032608-1440

Instrument: BNAMS6.i

Sample Info: 908704;4225903

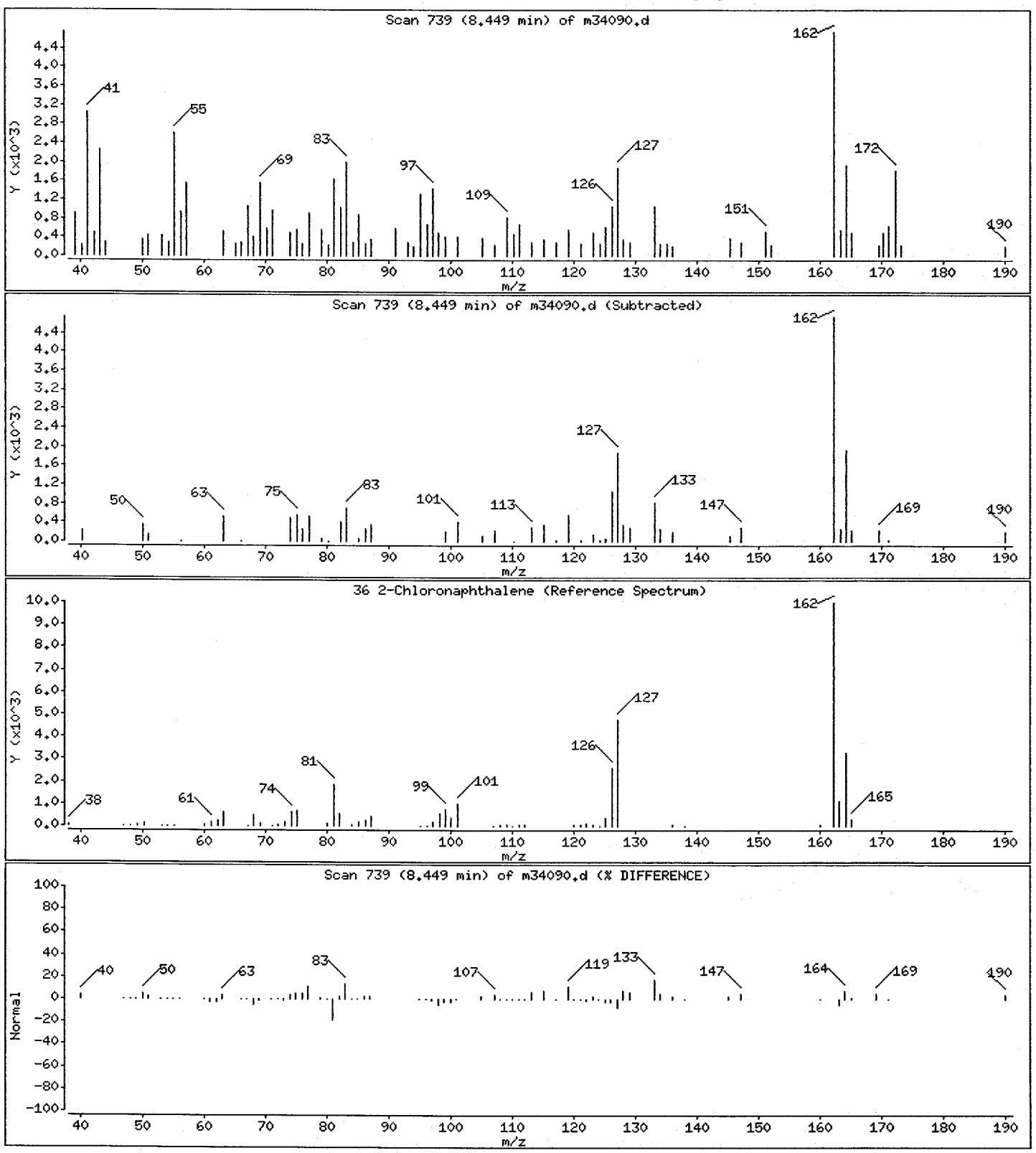
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

36 2-Chloronaphthalene

Concentration: 23 ug/Kg



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Date : 08-APR-2008 12:03

Client ID: 032608-1440

Instrument: BNAMS6.i

Sample Info: 908704;4225903

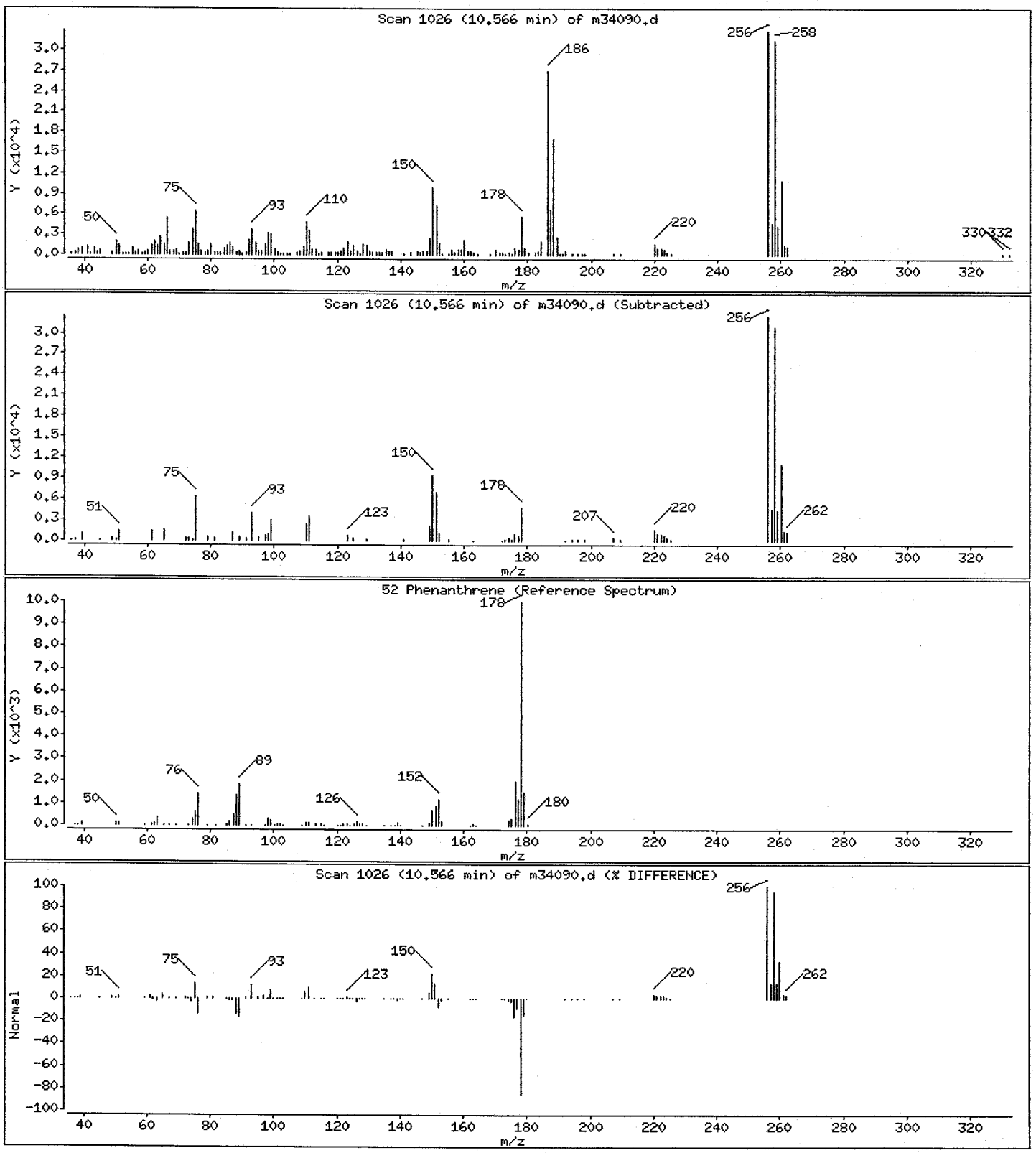
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

52 Phenanthrene

Concentration: 13 ug/Kg



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Date : 08-APR-2008 12:03

Client ID: 032608-1440

Instrument: BNAMS6.i

Sample Info: 908704;4225903

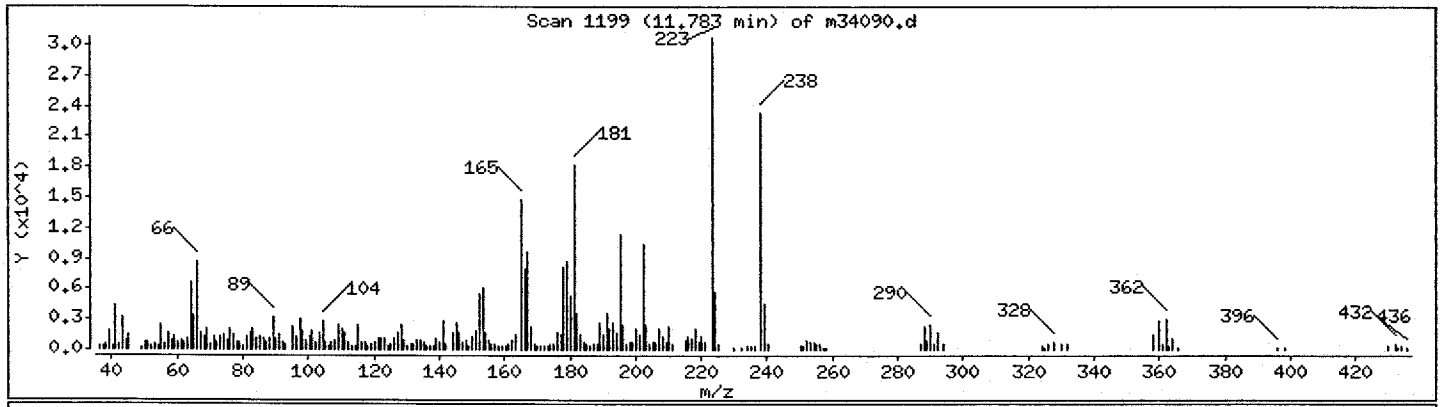
Operator: BNAMS 4

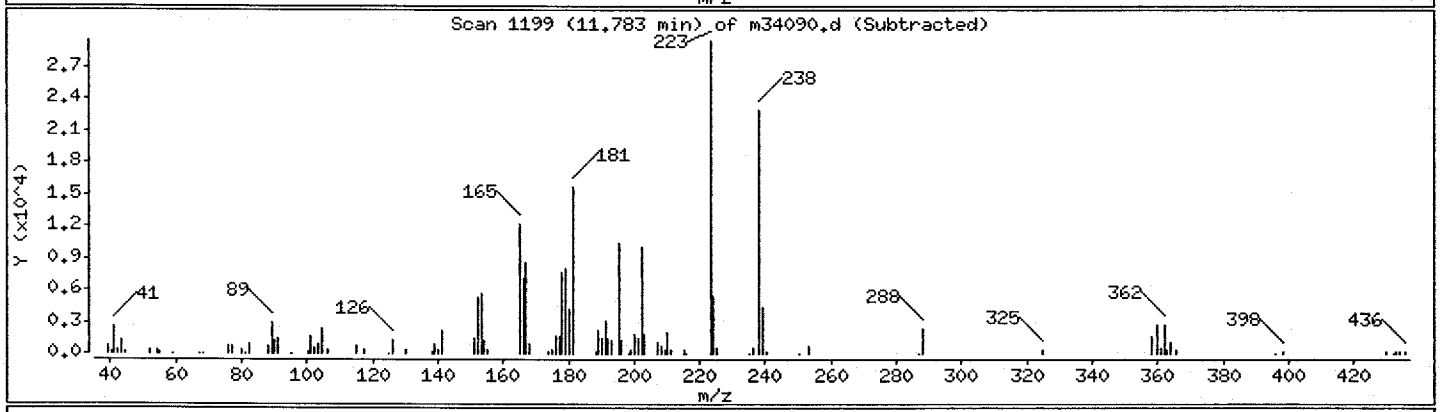
Column phase: DB-5

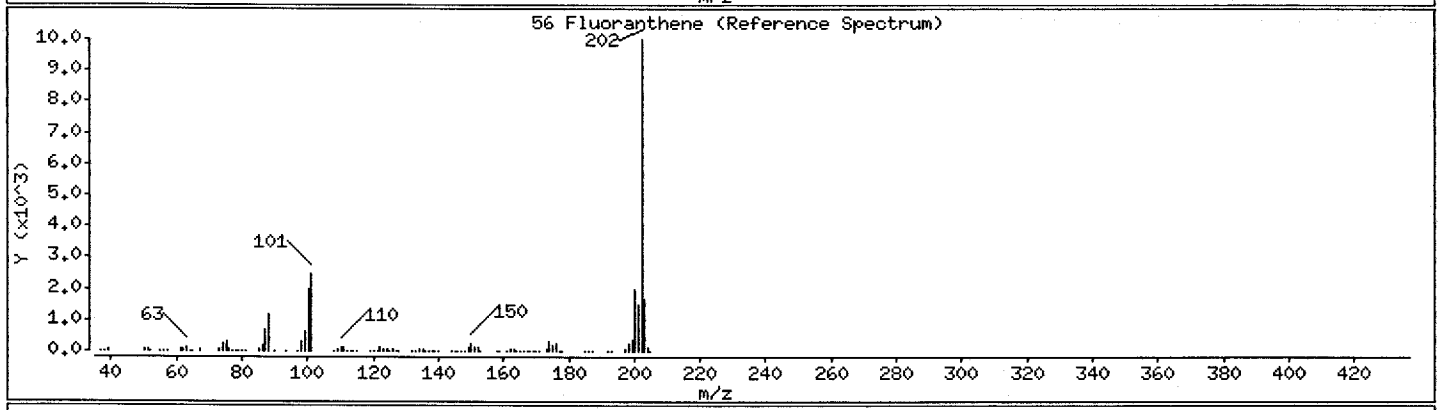
Column diameter: 0.25

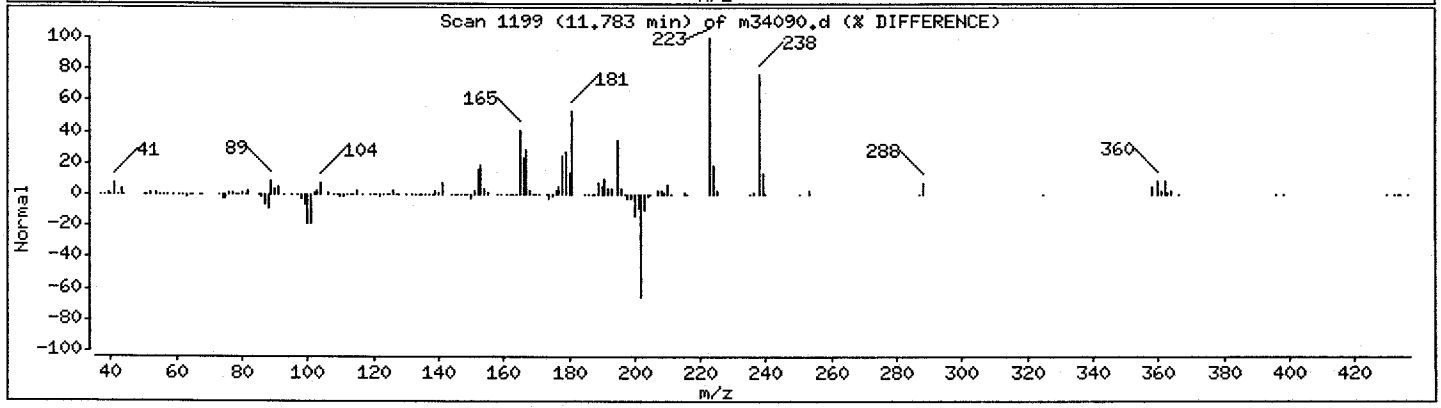
56 Fluoranthene

Concentration: 23 ug/Kg









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Date : 08-APR-2008 12:03

Client ID: 032608-1440

Instrument: BNAMS6.i

Sample Info: 908704;4225903

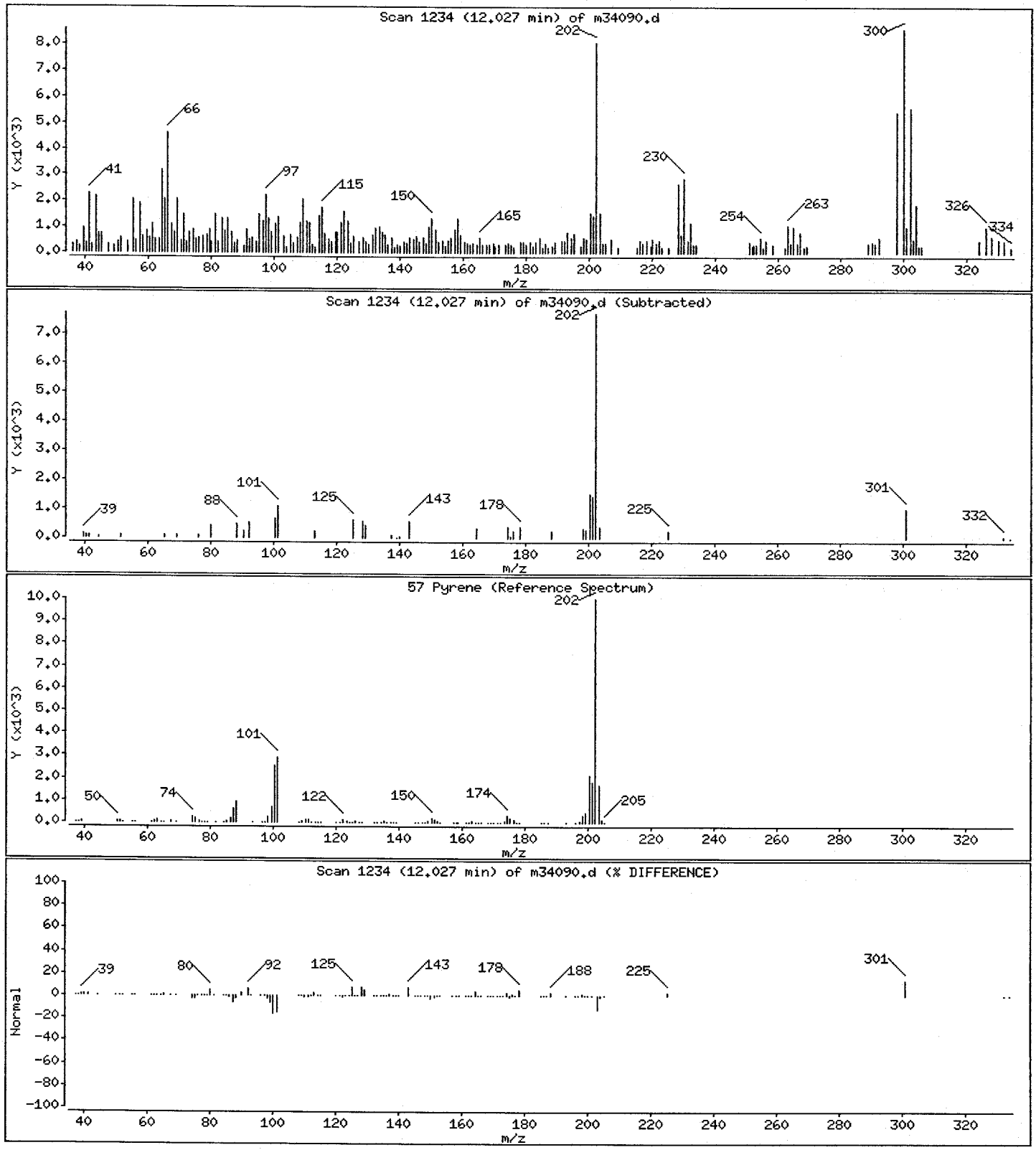
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

57 Pyrene

Concentration: 27 ug/Kg



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Date : 08-APR-2008 12:03

Client ID: 032608-1440

Instrument: BNAMS6.i

Sample Info: 908704;4225903

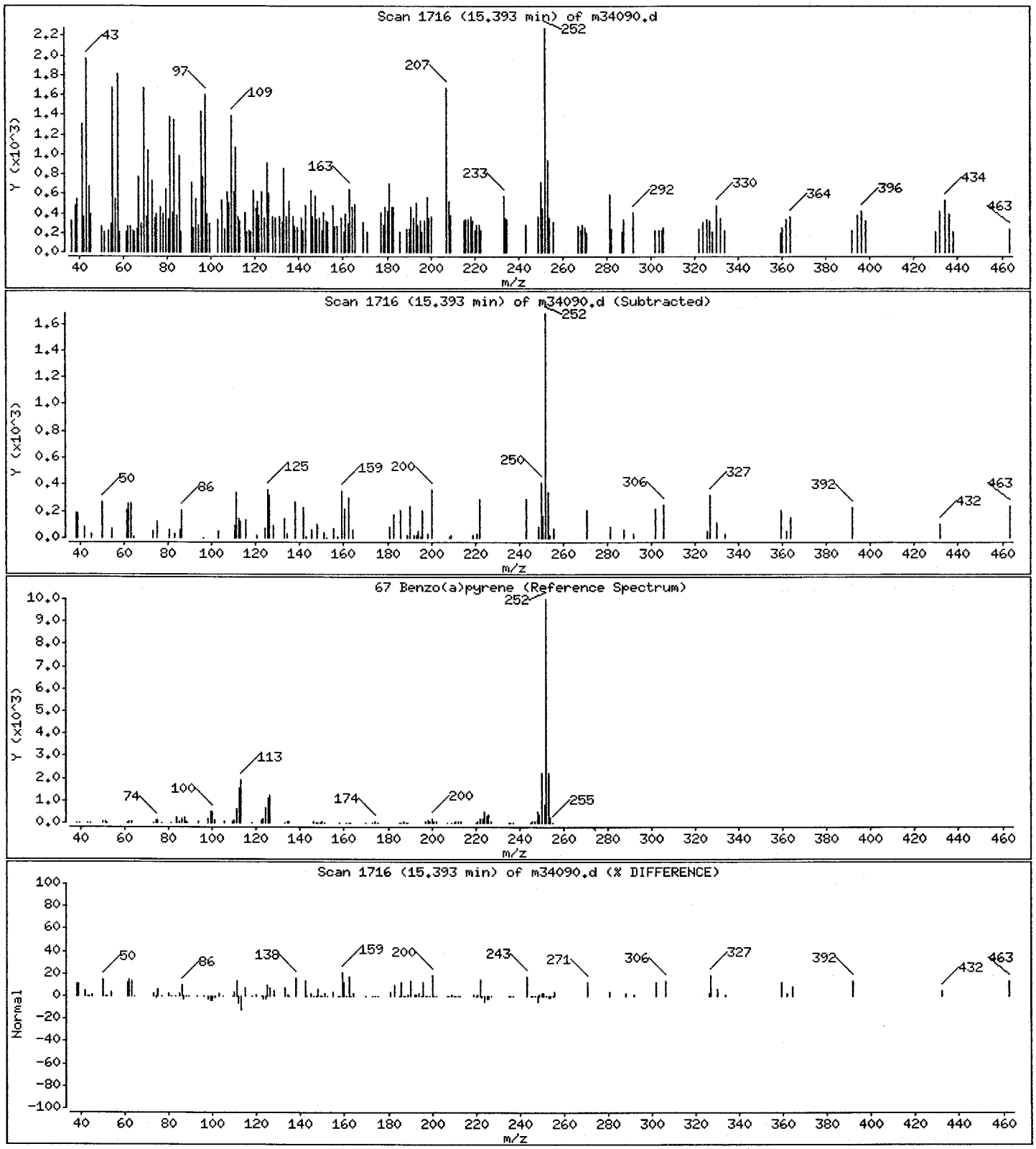
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

67 Benzo(a)pyrene

Concentration: 20 ug/Kg



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Date : 08-APR-2008 12:03

Client ID: 032608-1440

Instrument: BNAMS6.i

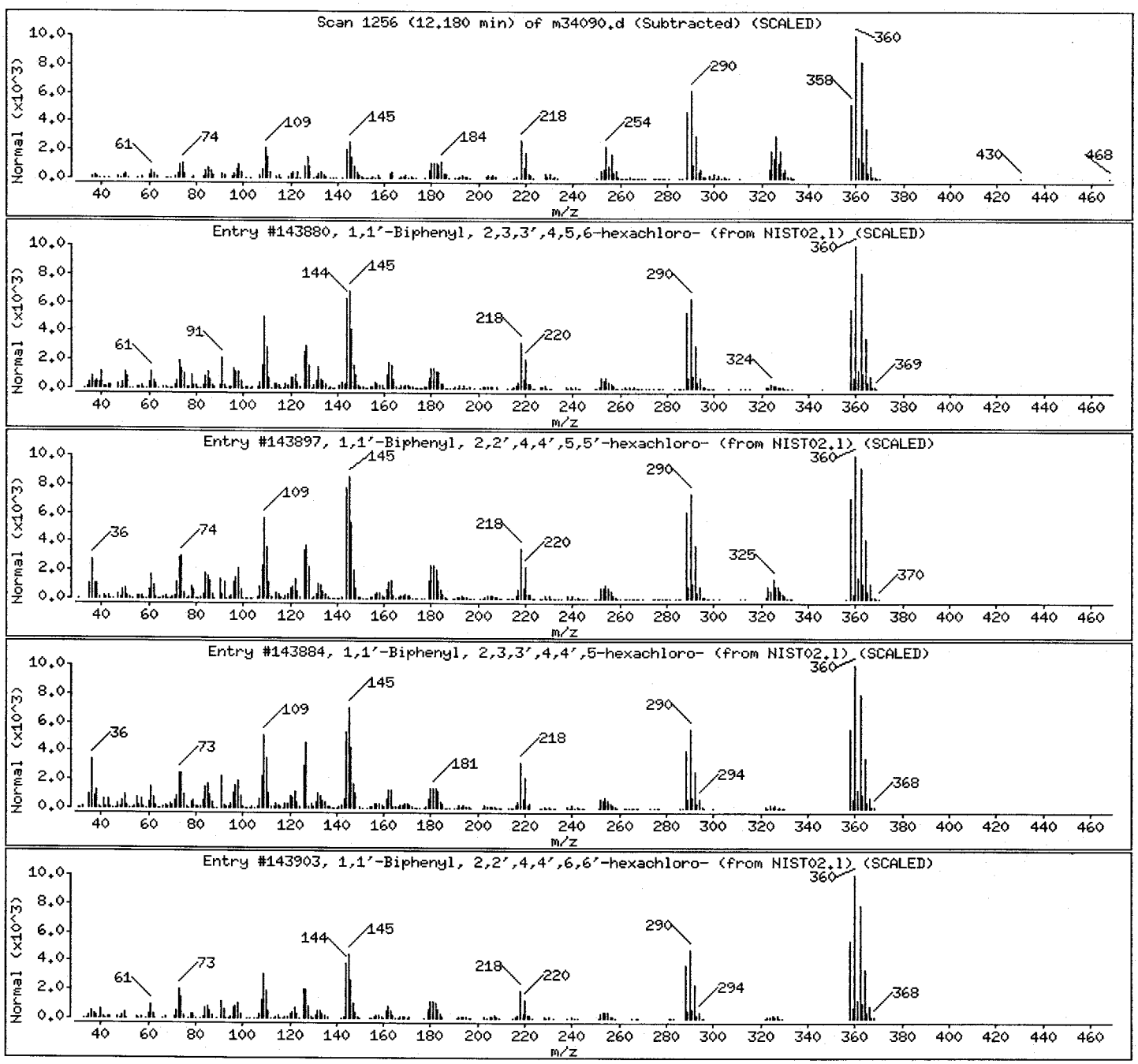
Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,5,6-hexachloro-	41411-62-5	NIST02.l	143880	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	35065-27-1	NIST02.l	143897	98	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143884	97	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	33979-03-2	NIST02.l	143903	97	C12H4Cl6	358



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34090.d

Date : 08-APR-2008 12:03

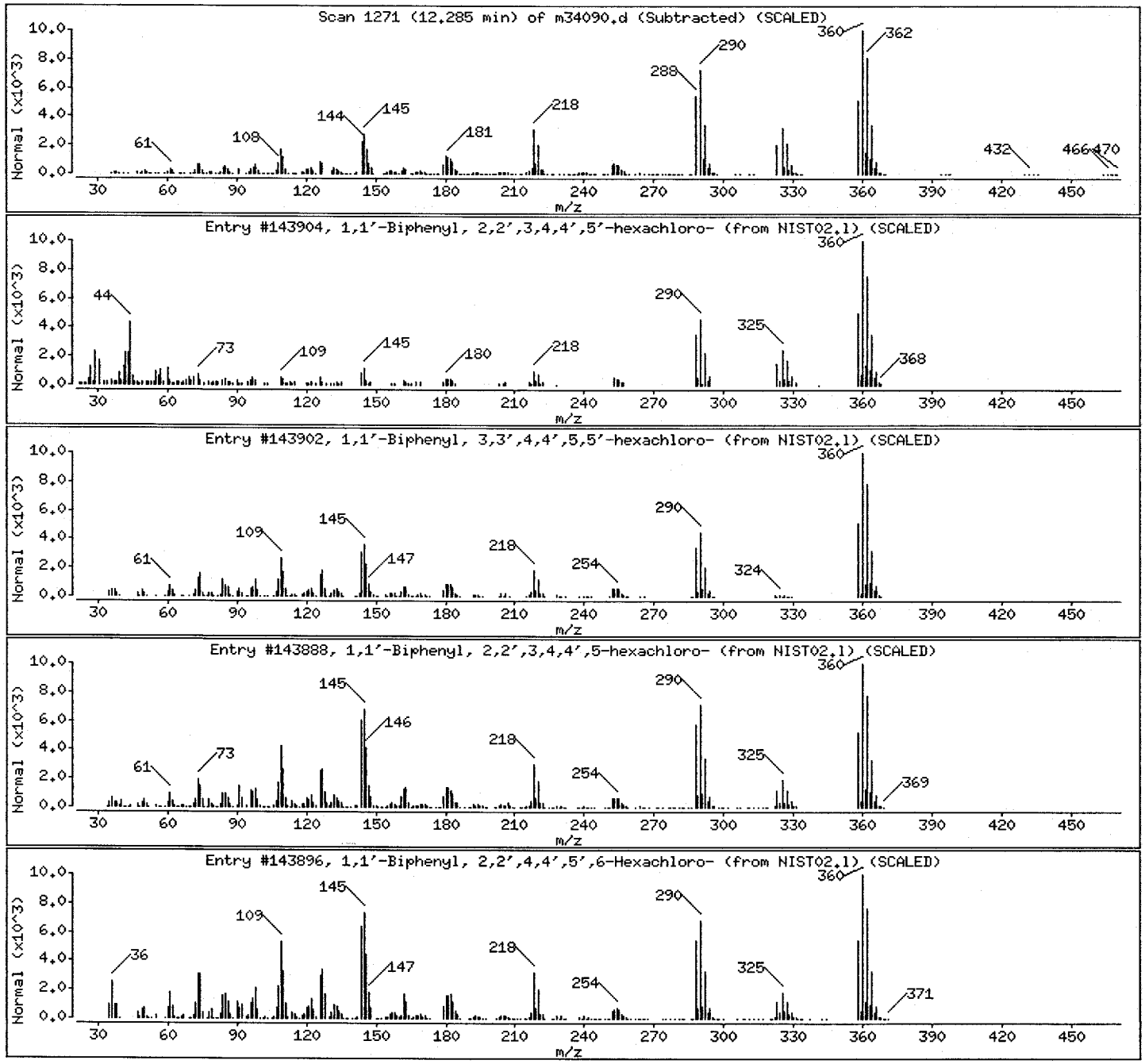
Client ID: 032608-1440 Instrument: BNAMS6.i

Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	99	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5-hexachloro-	35694-06-5	NIST02.l	143888	98	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5',6-Hexachloro	60145-22-4	NIST02.l	143896	98	C12H4Cl6	358



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Date : 08-APR-2008 12:03

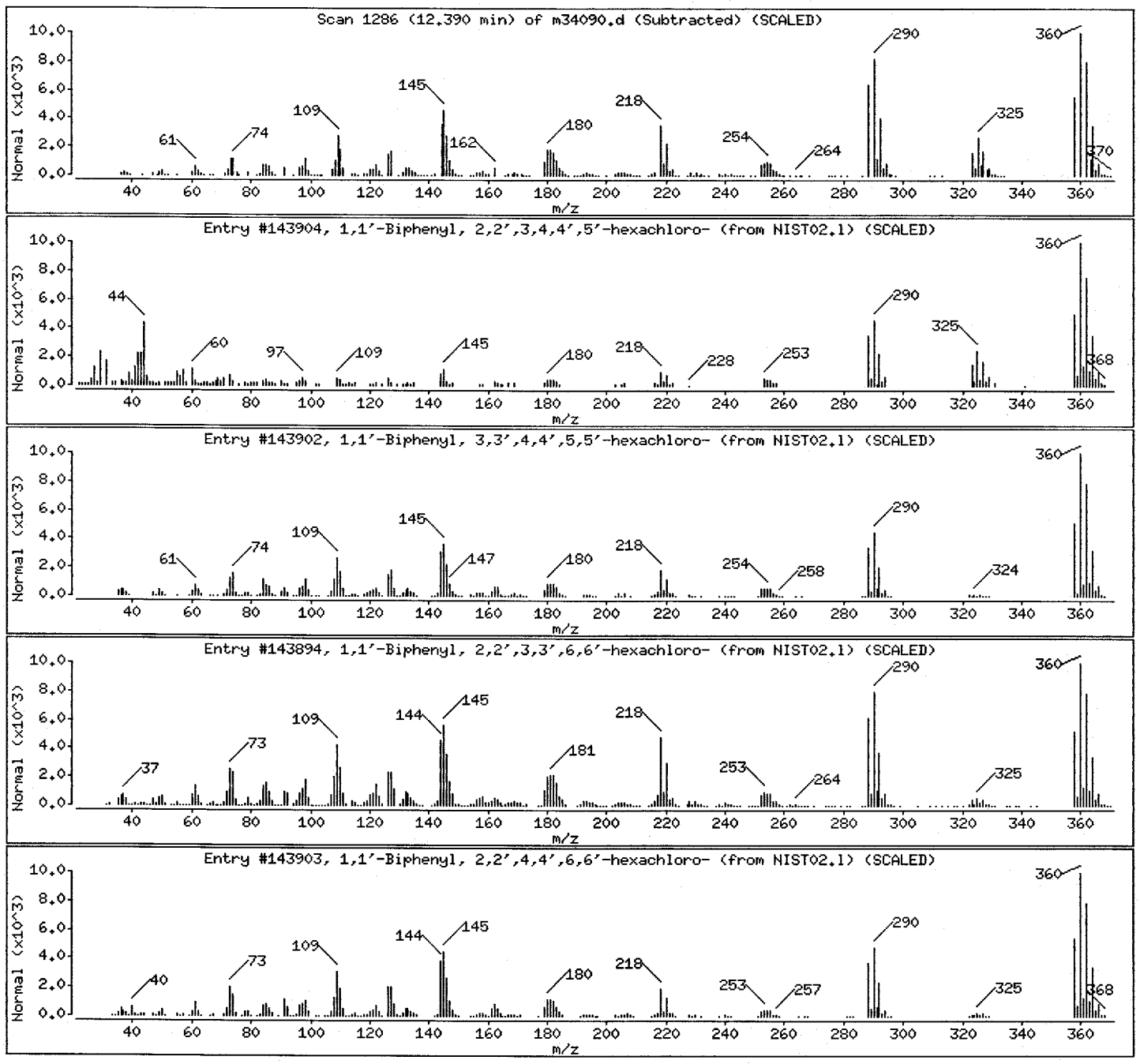
Client ID: 032608-1440 Instrument: BNAMS6.i

Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	99	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',6,6'-hexachloro	38411-22-2	NIST02.l	143894	90	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	33979-03-2	NIST02.l	143903	89	C12H4Cl6	358



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Date : 08-APR-2008 12:03

Client ID: 032608-1440

Instrument: BNAMS6.i

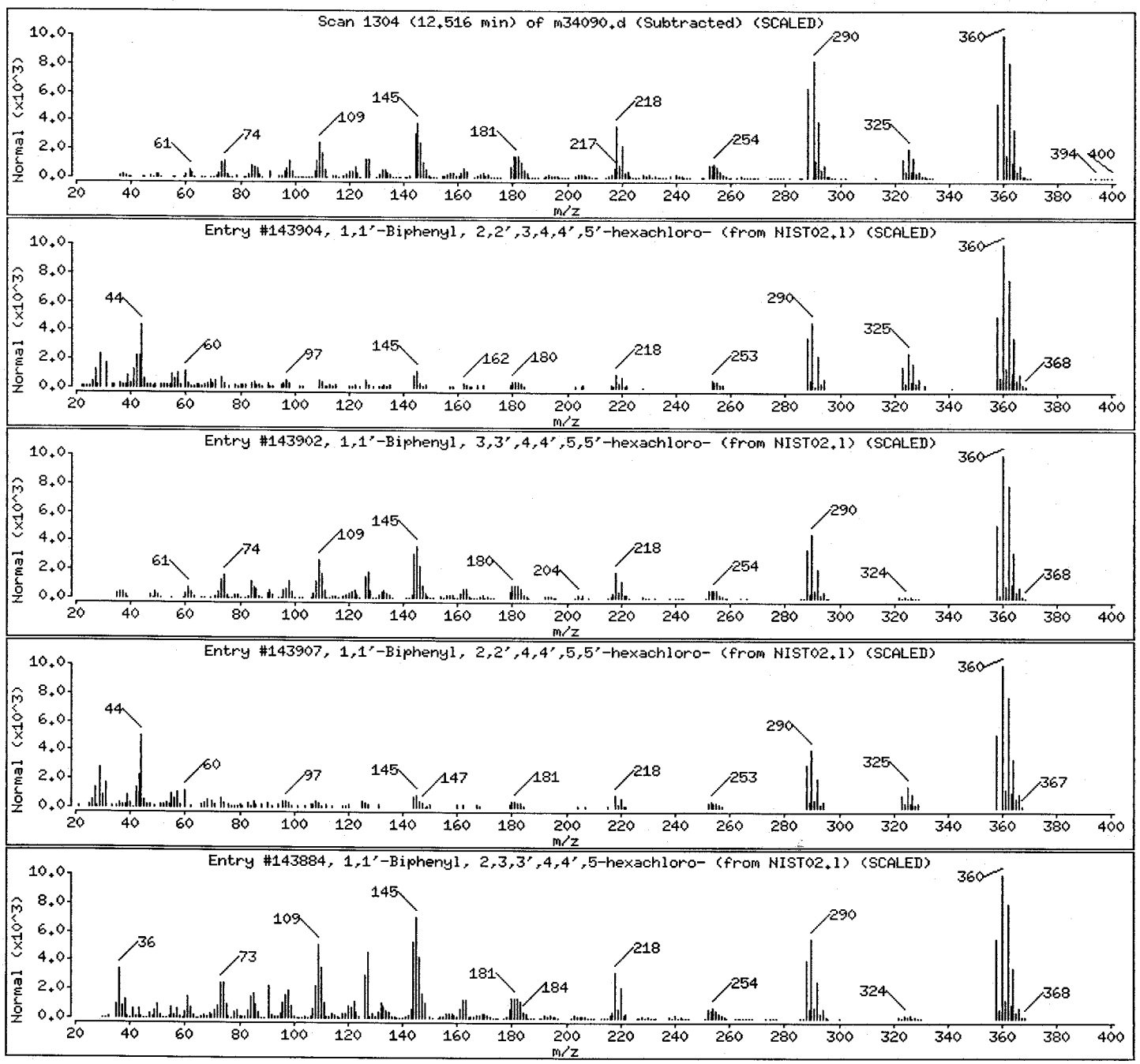
Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	97	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	35065-27-1	NIST02.l	143907	94	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143884	94	C12H4Cl6	358



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34090.d

Date : 08-APR-2008 12:03

Client ID: 032608-1440

Instrument: BNAMS6.i

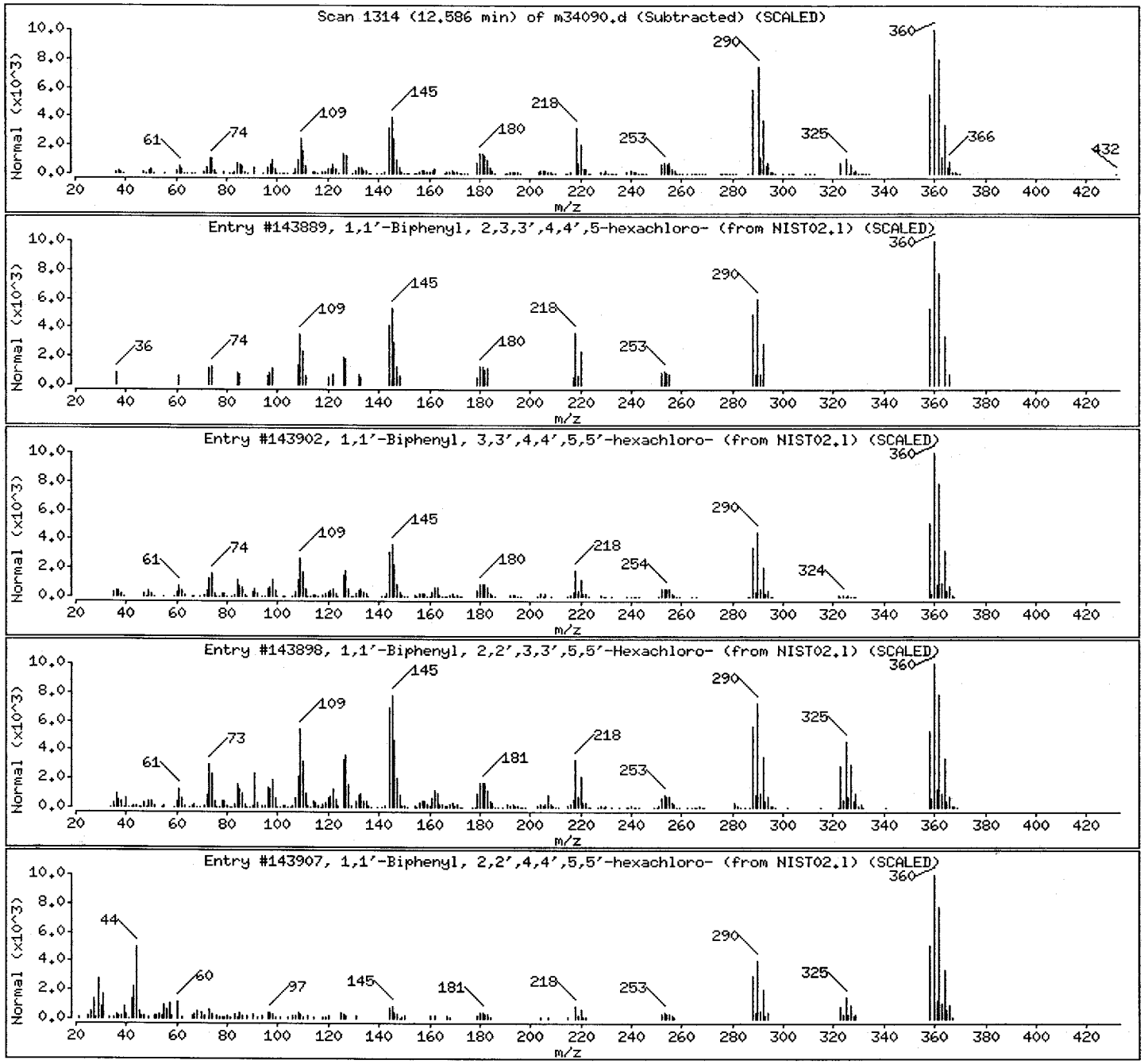
Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143889	99	C12H4Cl6	358
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',5,5'-Hexachloro	35694-04-3	NIST02.l	143898	94	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	35065-27-1	NIST02.l	143907	93	C12H4Cl6	358



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Date : 08-APR-2008 12:03

Client ID: 032608-1440

Instrument: BNAMS6.i

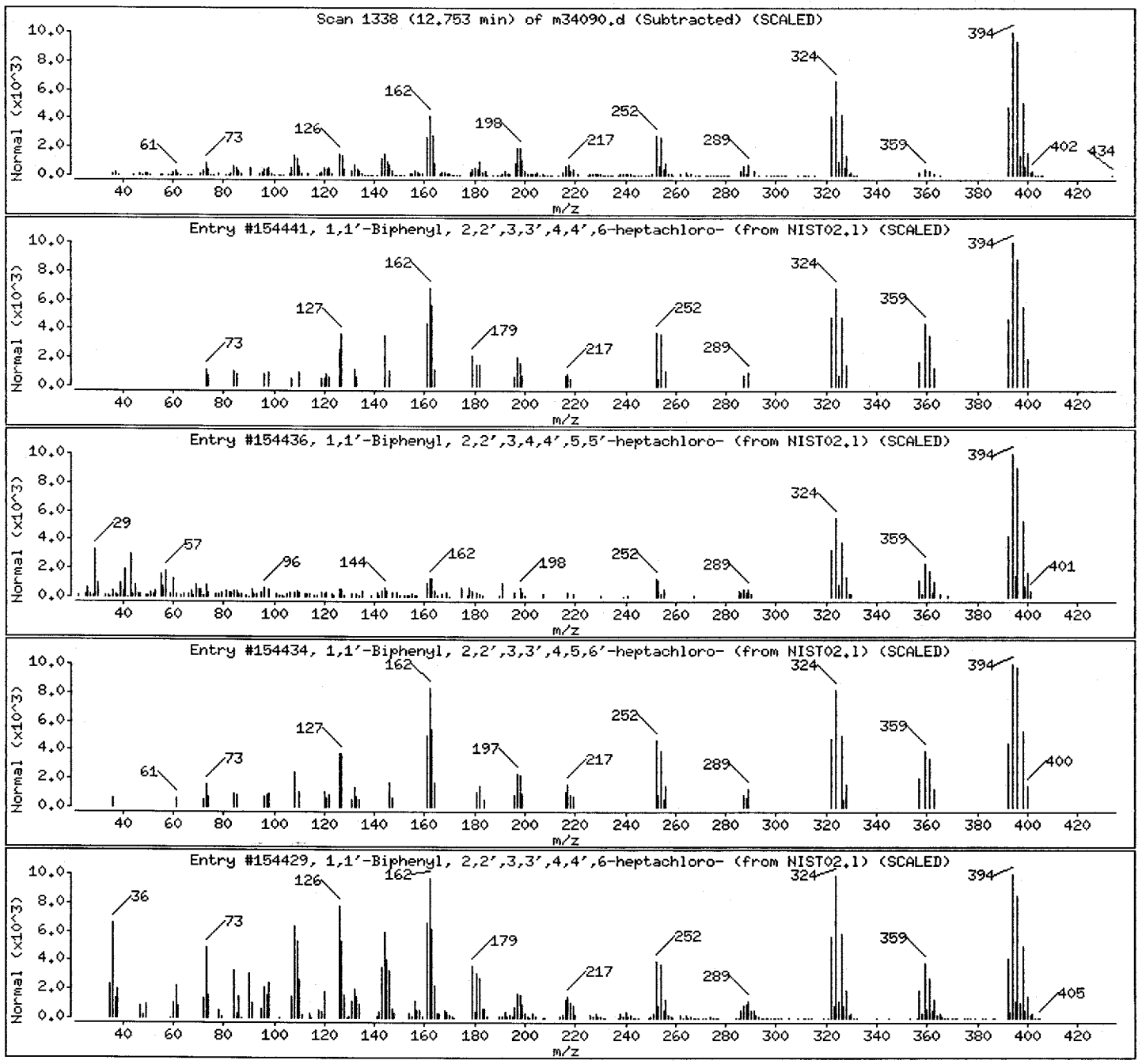
Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',6-heptachl	52663-71-5	NIST02.l	154441	96	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,5'-heptachl	35065-29-3	NIST02.l	154436	96	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,5,6'-heptachl	38411-25-5	NIST02.l	154434	94	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,4',6-heptachl	52663-71-5	NIST02.l	154429	93	C12H3Cl7	392



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Date : 08-APR-2008 12:03

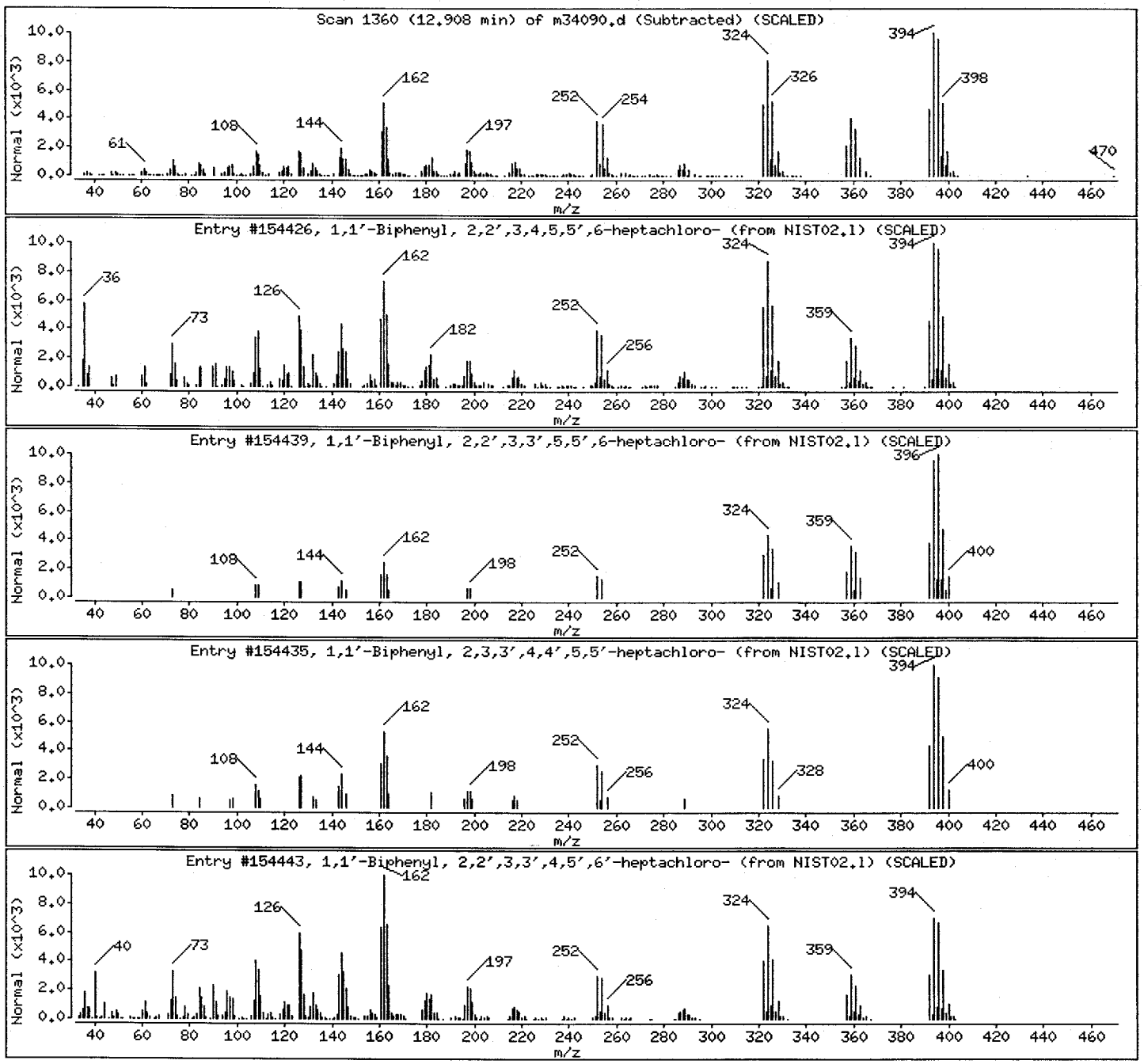
Client ID: 032608-1440 Instrument: BNAMS6.i

Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,5,5',6-heptachlo	52712-05-7	NIST02.l	154426	99	C12H3C17	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	98	C12H3C17	392
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	97	C12H3C17	392
1,1'-Biphenyl, 2,2',3,3',4,5',6'-heptach	52663-70-4	NIST02.l	154443	97	C12H3C17	392



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Date : 08-APR-2008 12:03

Client ID: 032608-1440

Instrument: BNAMS6.i

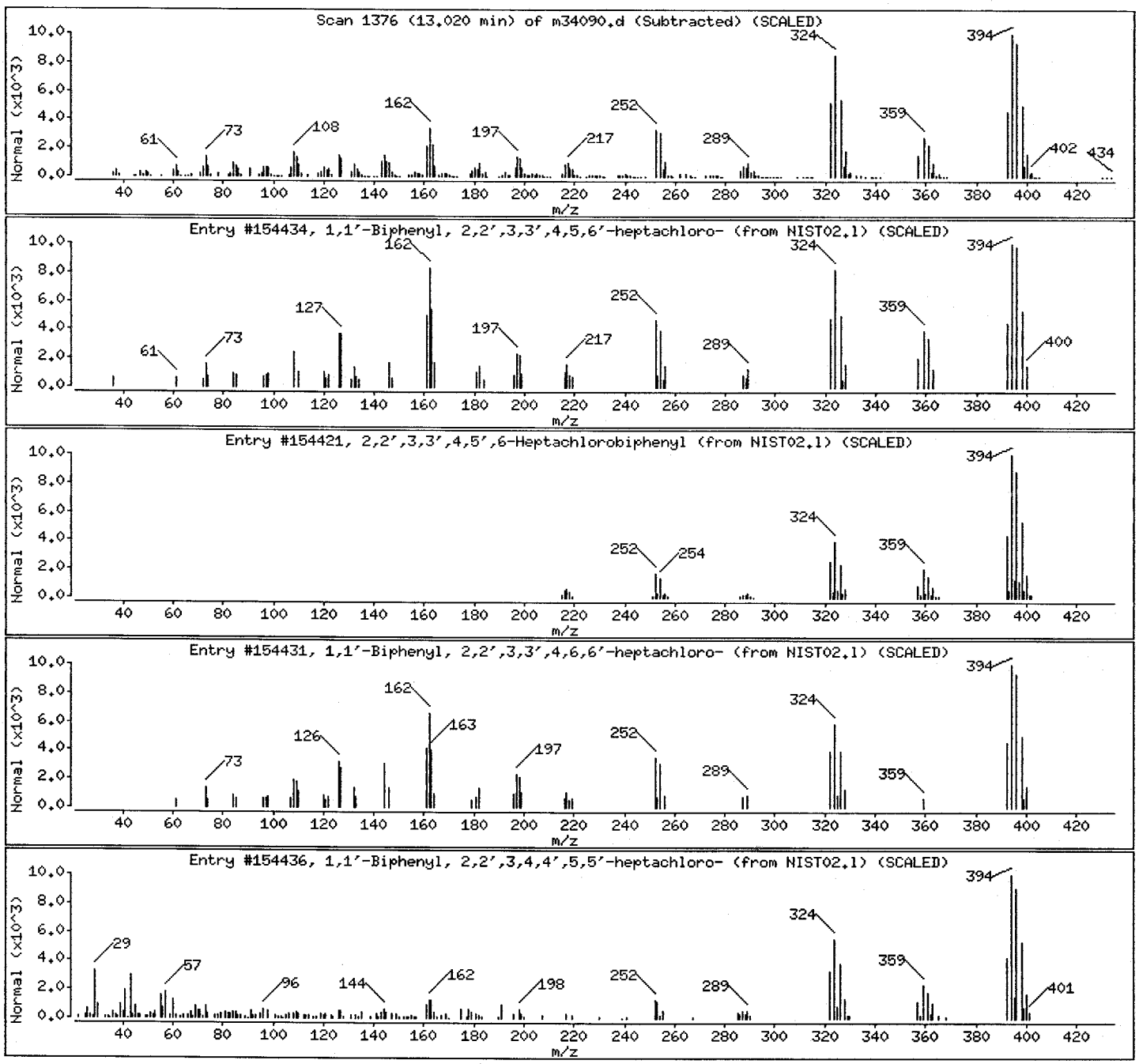
Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,6'-heptachl	38411-25-5	NIST02.l	154434	98	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	97	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	52663-65-7	NIST02.l	154431	97	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,5'-heptachl	35065-29-3	NIST02.l	154436	95	C12H3Cl7	392



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Date : 08-APR-2008 12:03

Client ID: 032608-1440

Instrument: BNAMS6.i

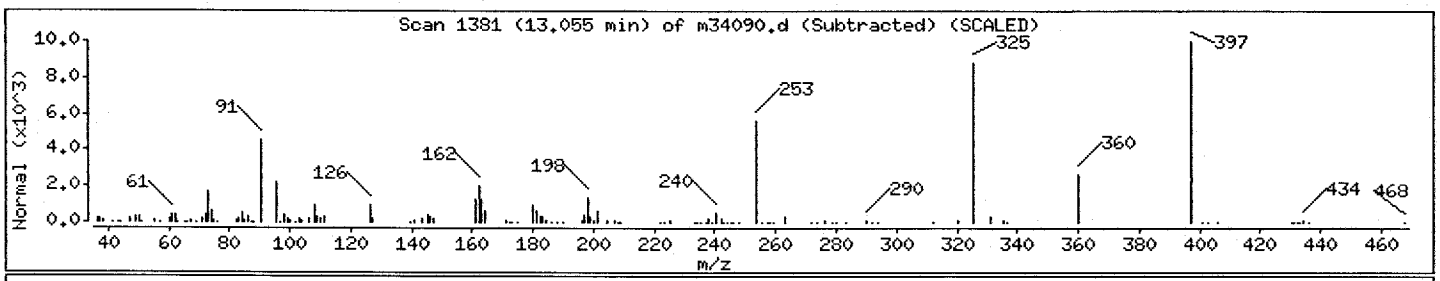
Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 08-APR-2008 12:03

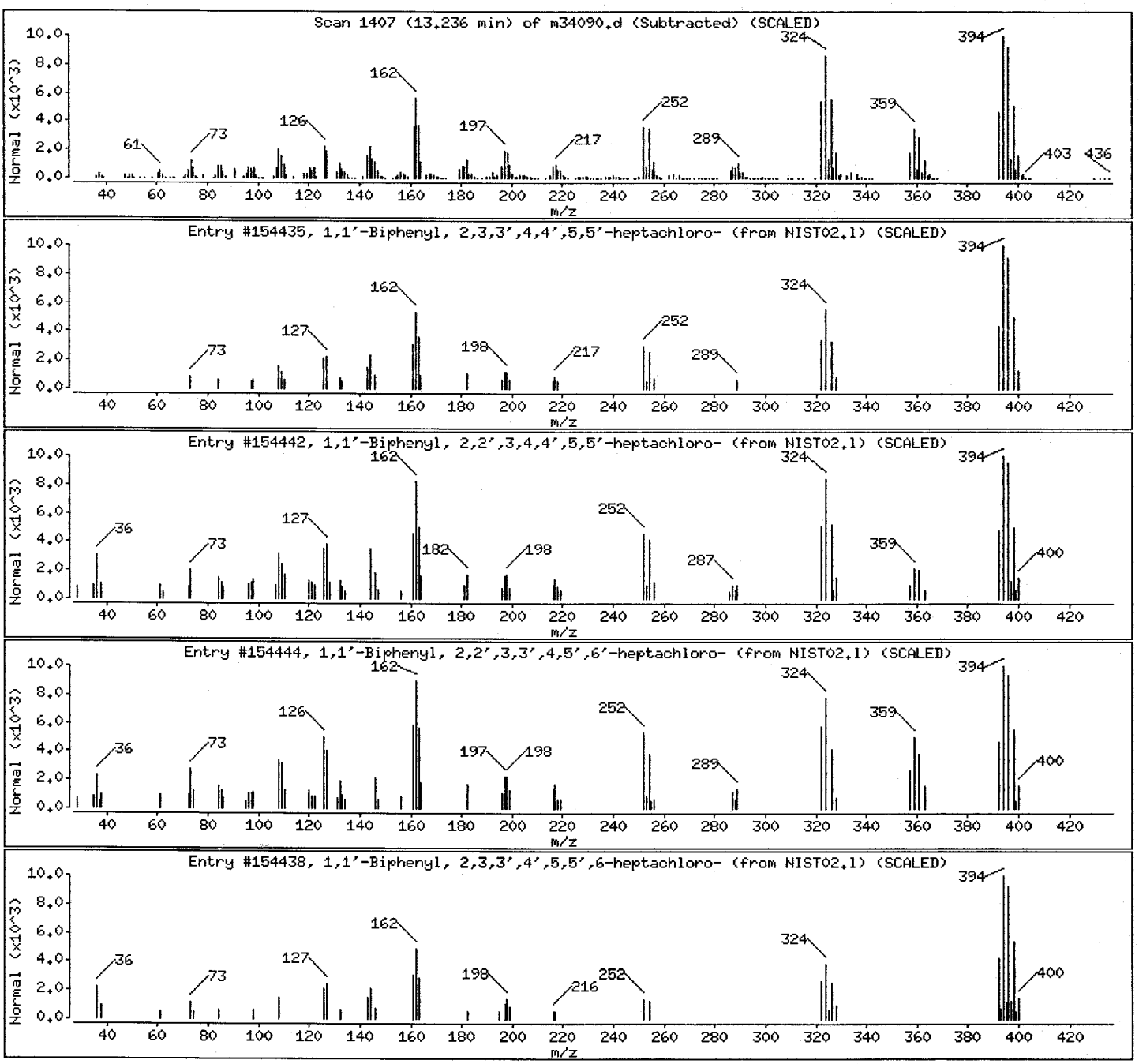
Client ID: 032608-1440 Instrument: BNAMS6.i

Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,5'-heptachl	35065-29-3	NIST02.l	154442	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,5',6'-heptach	52663-70-4	NIST02.l	154444	98	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	98	C12H3Cl7	392



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Date : 08-APR-2008 12:03

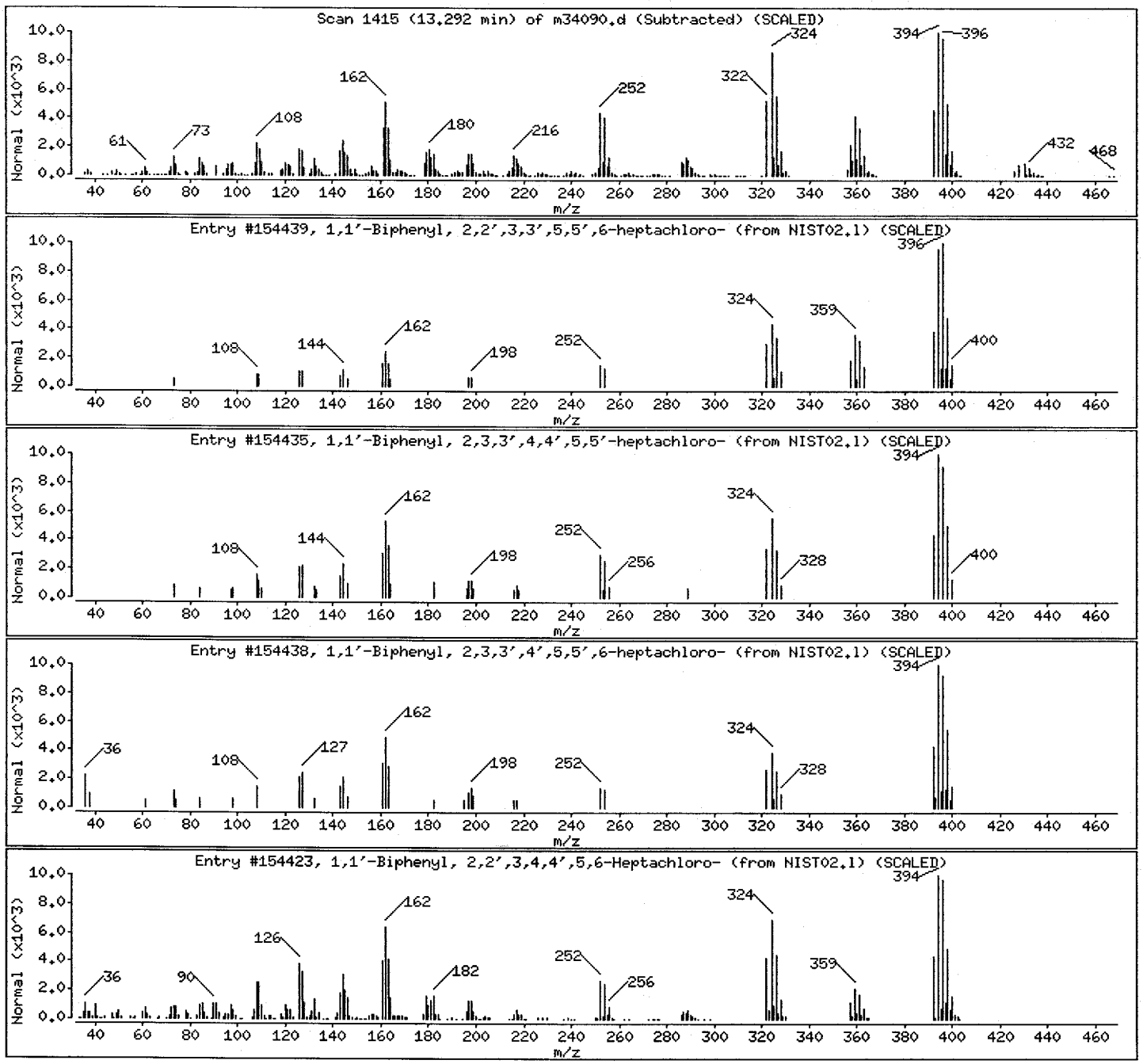
Client ID: 032608-1440 Instrument: BNAMS6.i

Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	98	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	98	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	95	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,6-Heptachlo	74472-47-2	NIST02.l	154423	93	C12H3Cl7	392



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Date : 08-APR-2008 12:03

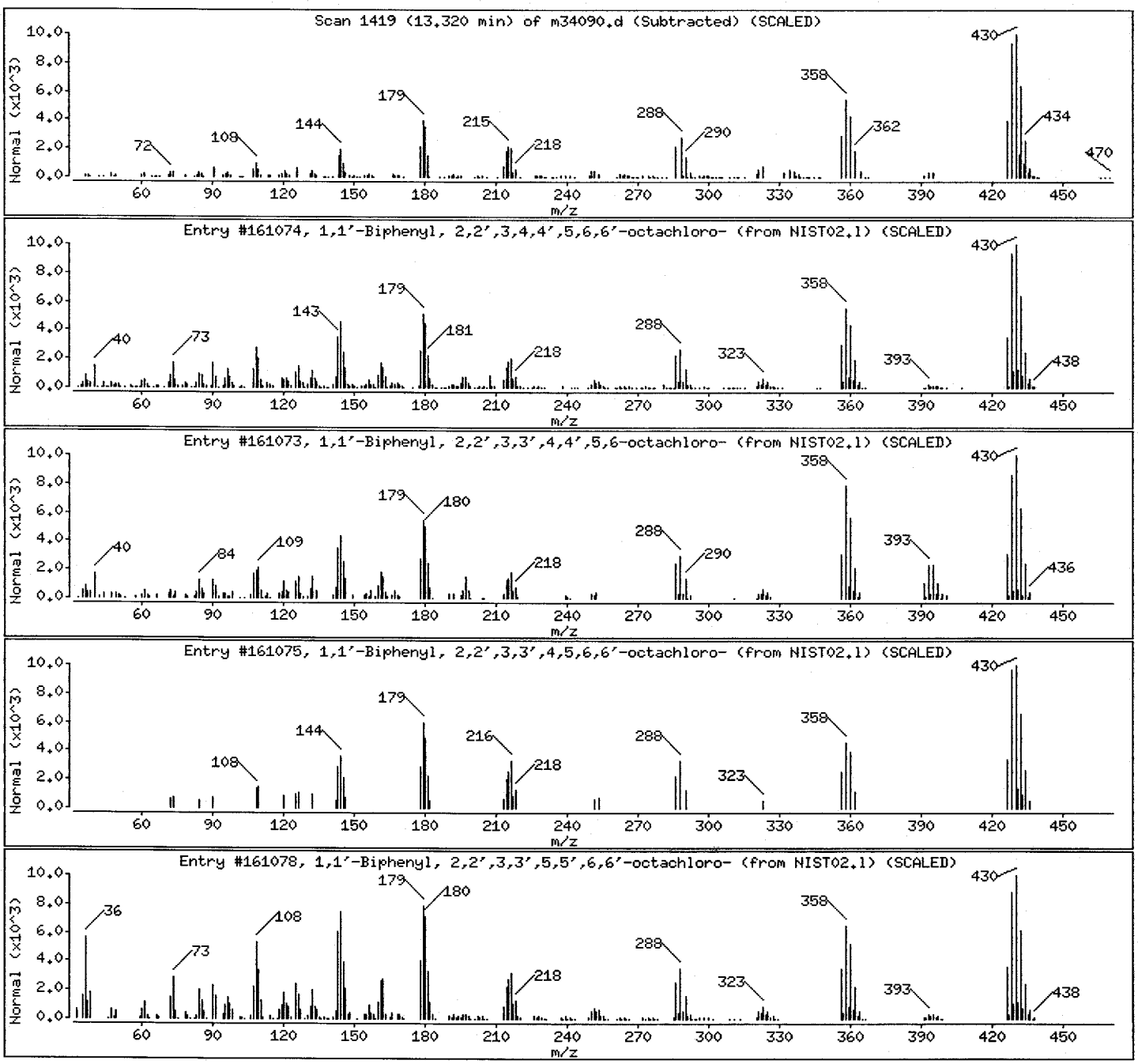
Client ID: 032608-1440 Instrument: BNAMS6.i

Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-octach	74472-52-9	NIST02.l	161074	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	95	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	91	C12H2Cl8	426



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Date : 08-APR-2008 12:03

Client ID: 032608-1440

Instrument: BNAMS6.i

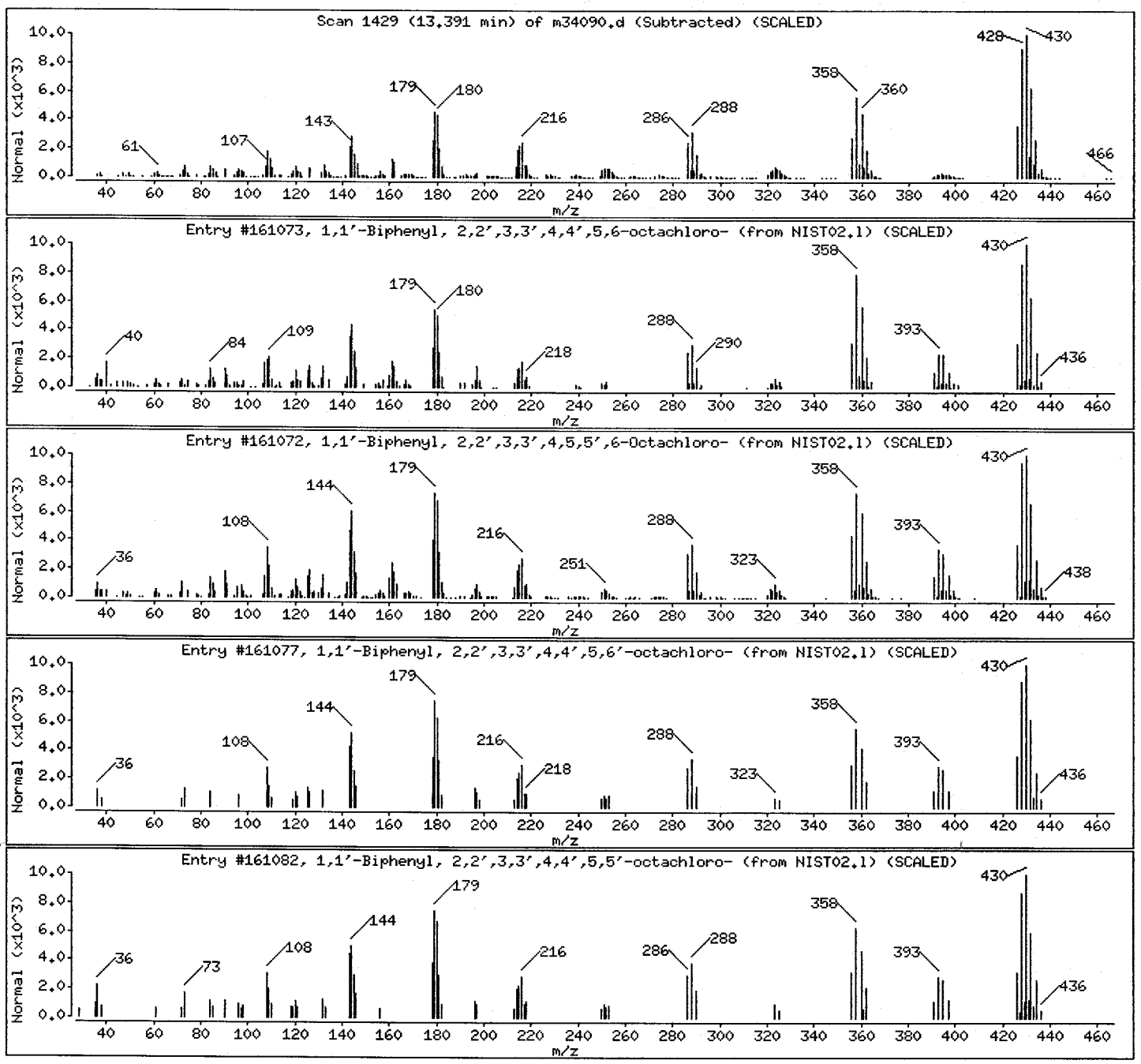
Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6-Octach	68194-17-2	NIST02.l	161072	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	74	C12H2Cl8	426



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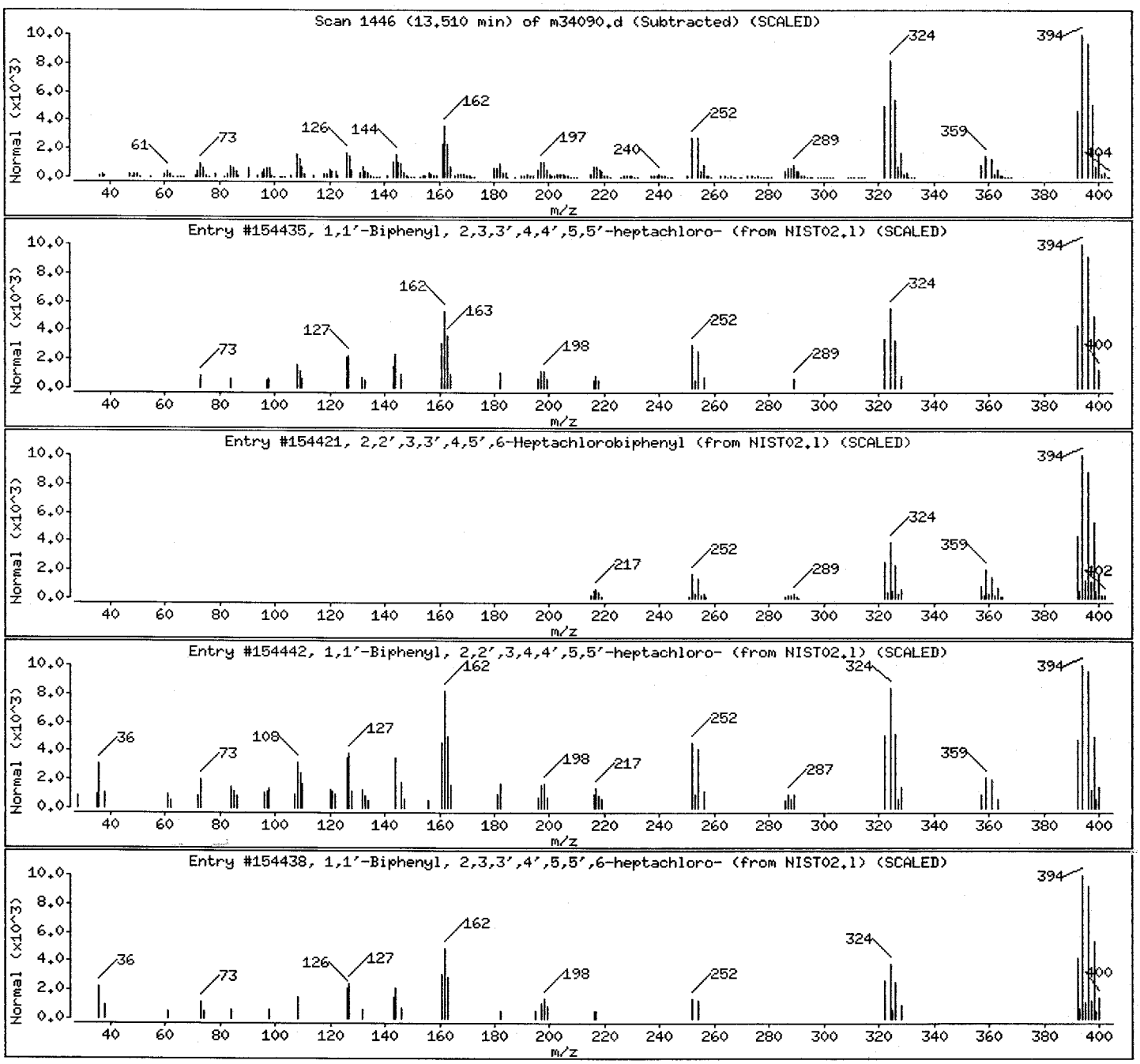
Date : 08-APR-2008 12:03

Client ID: 032608-1440 Instrument: BNAMS6.i

Sample Info: 908704;4225903 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	98	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,5'-heptachl	35065-29-3	NIST02.l	154442	98	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	95	C12H3Cl7	392



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Date : 08-APR-2008 12:03

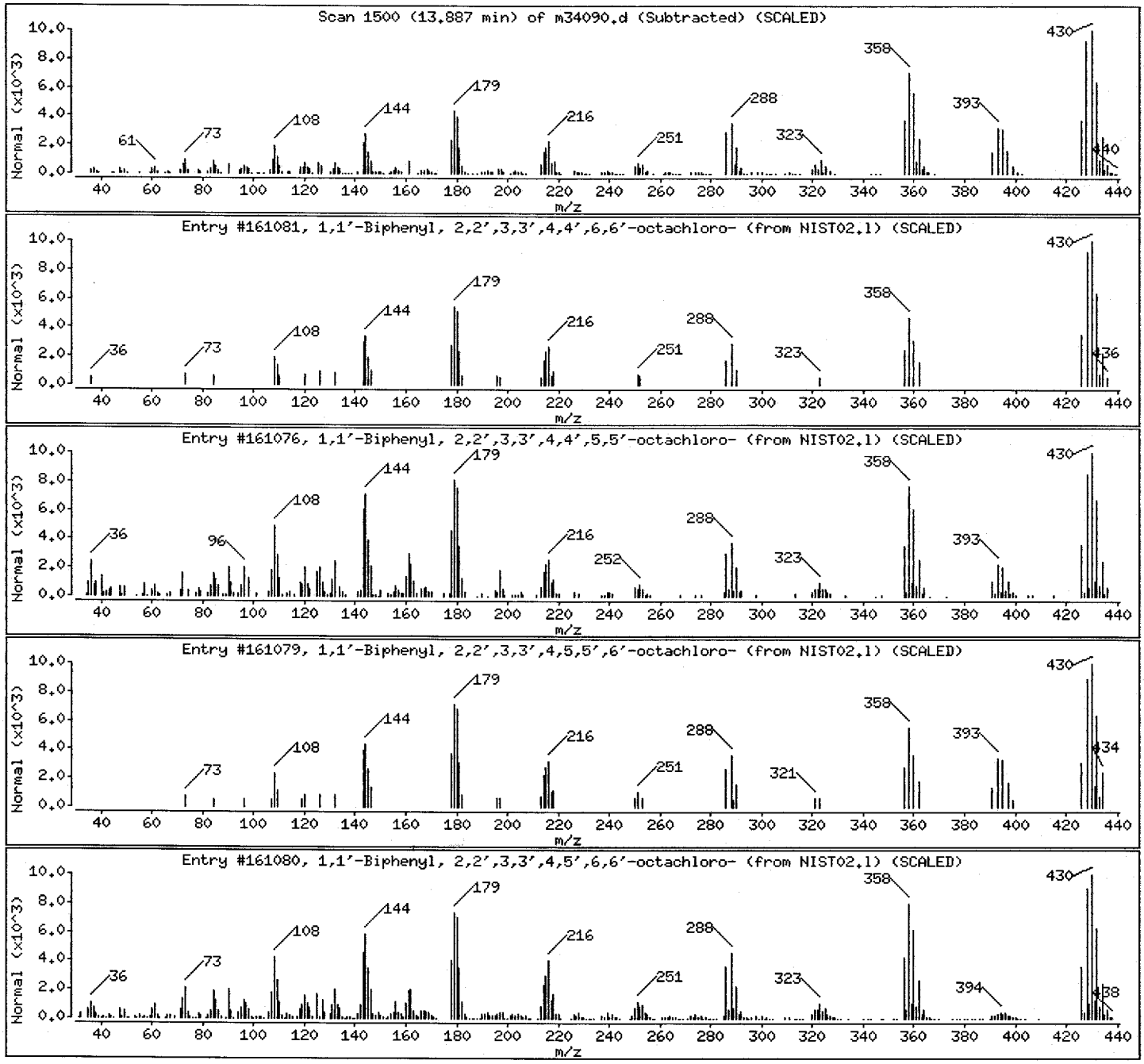
Client ID: 032608-1440 Instrument: BNAMS6.i

Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	98	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161076	96	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	91	C12H2Cl8	426



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Date : 08-APR-2008 12:03

Client ID: 032608-1440

Instrument: BNAMS6.i

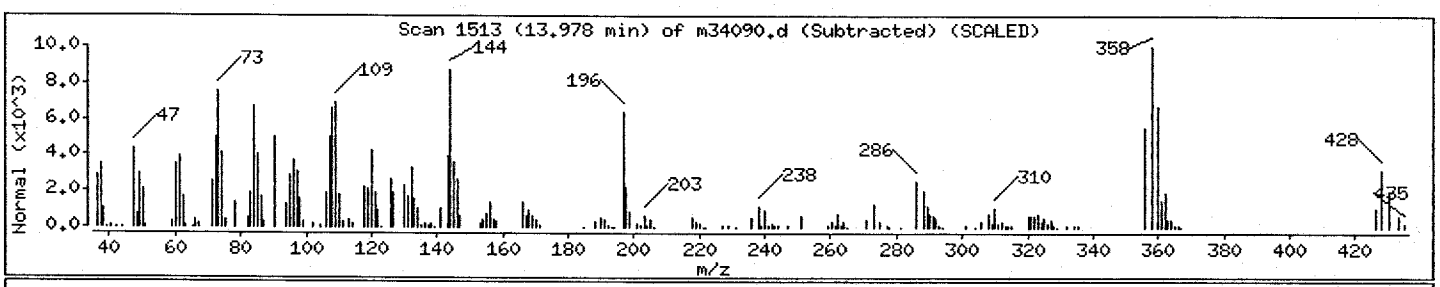
Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 08-APR-2008 12:03

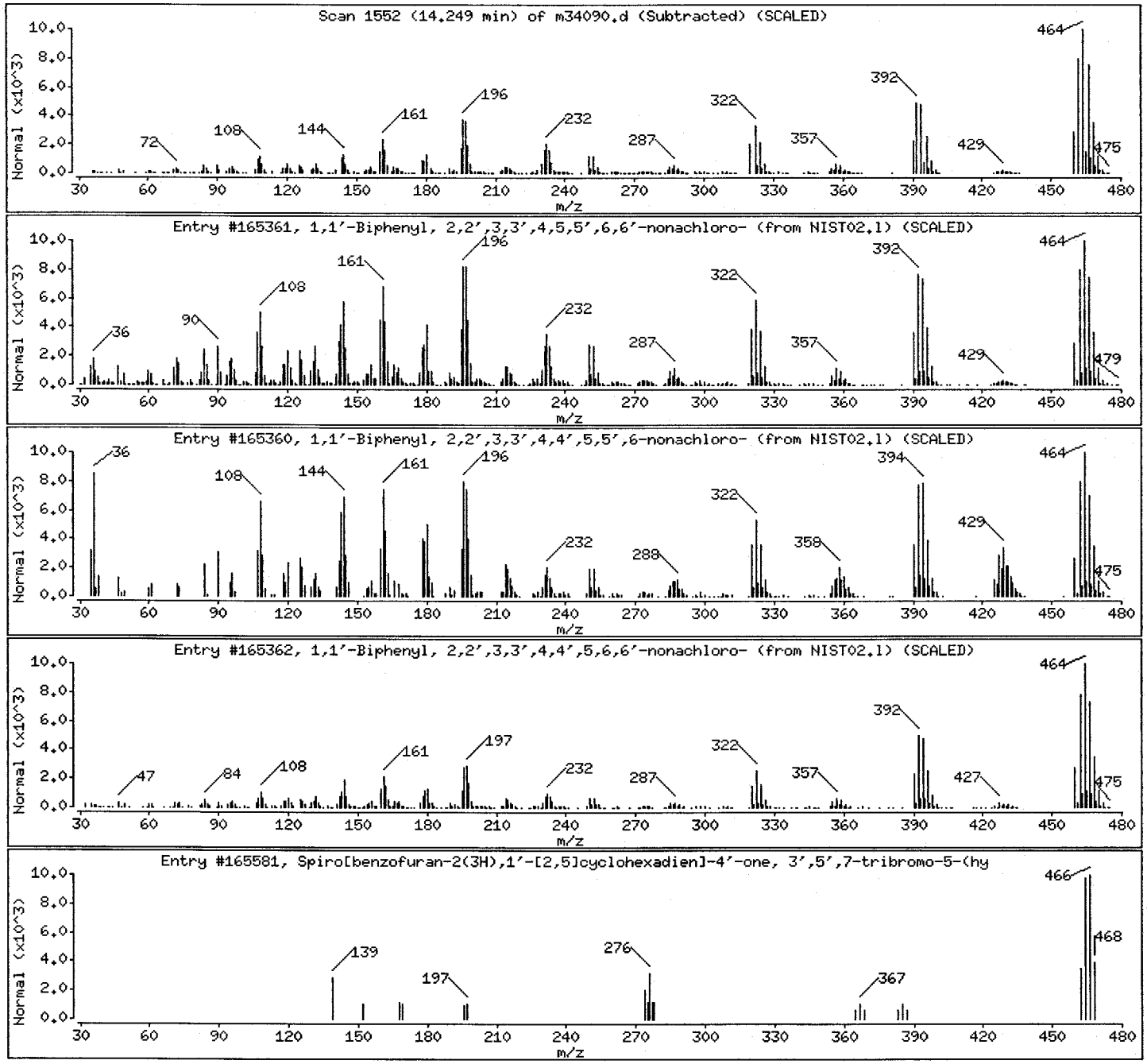
Client ID: 032608-1440 Instrument: BNAMS6.i

Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Nonylchloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,5',6,6'-non	52663-77-1	NIST02.l	165361	74	C12HC19	460
1,1'-Biphenyl, 2,2',3,3',4,4',5,5',6-non	40186-72-9	NIST02.l	165360	68	C12HC19	460
1,1'-Biphenyl, 2,2',3,3',4,4',5,6,6'-non	52663-79-3	NIST02.l	165362	49	C12HC19	460
Spiro[benzofuran-2(3H),1'-[2,5]cyclohexa	52498-93-8	NIST02.l	165581	38	C14H9Br303	462



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Date : 08-APR-2008 12:03

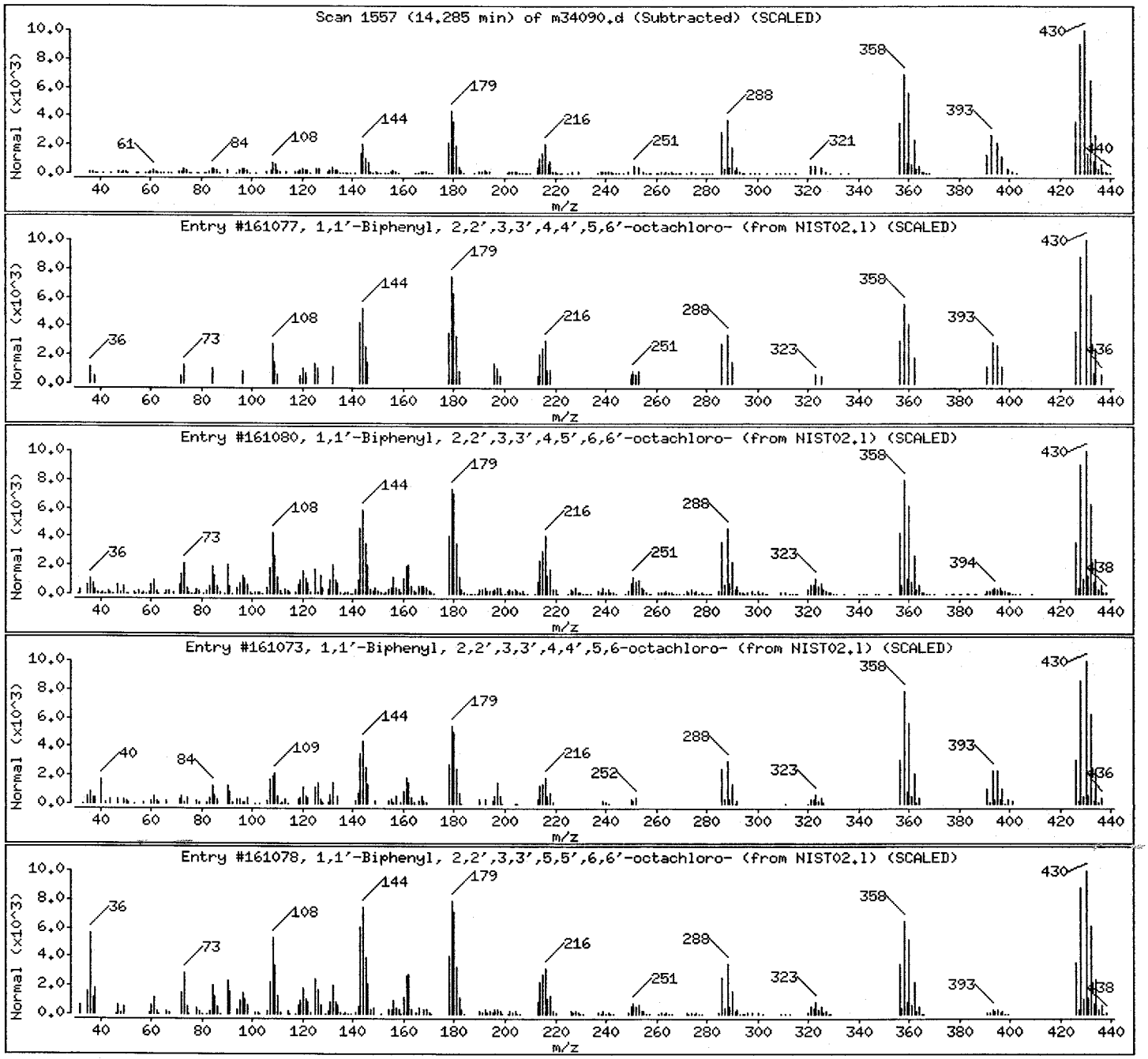
Client ID: 032608-1440 Instrument: BNAMS6.i

Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	98	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	98	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	94	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	91	C12H2C18	426



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Date : 08-APR-2008 12:03

Client ID: 032608-1440

Instrument: BNAMS6.i

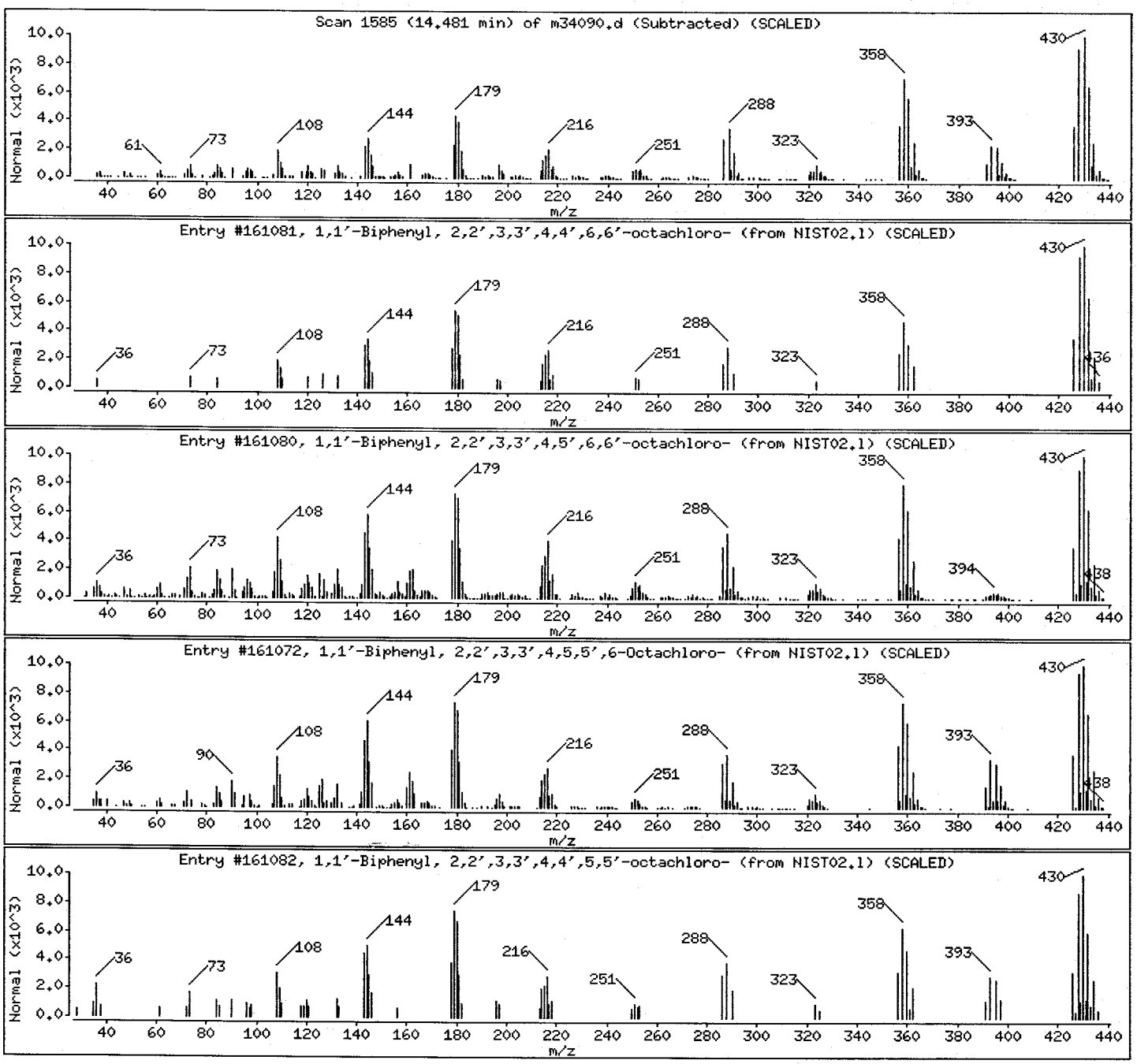
Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	91	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6-Octach	68194-17-2	NIST02.l	161072	90	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	87	C12H2C18	426



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Date : 08-APR-2008 12:03

Client ID: 032608-1440

Instrument: BNAMS6.i

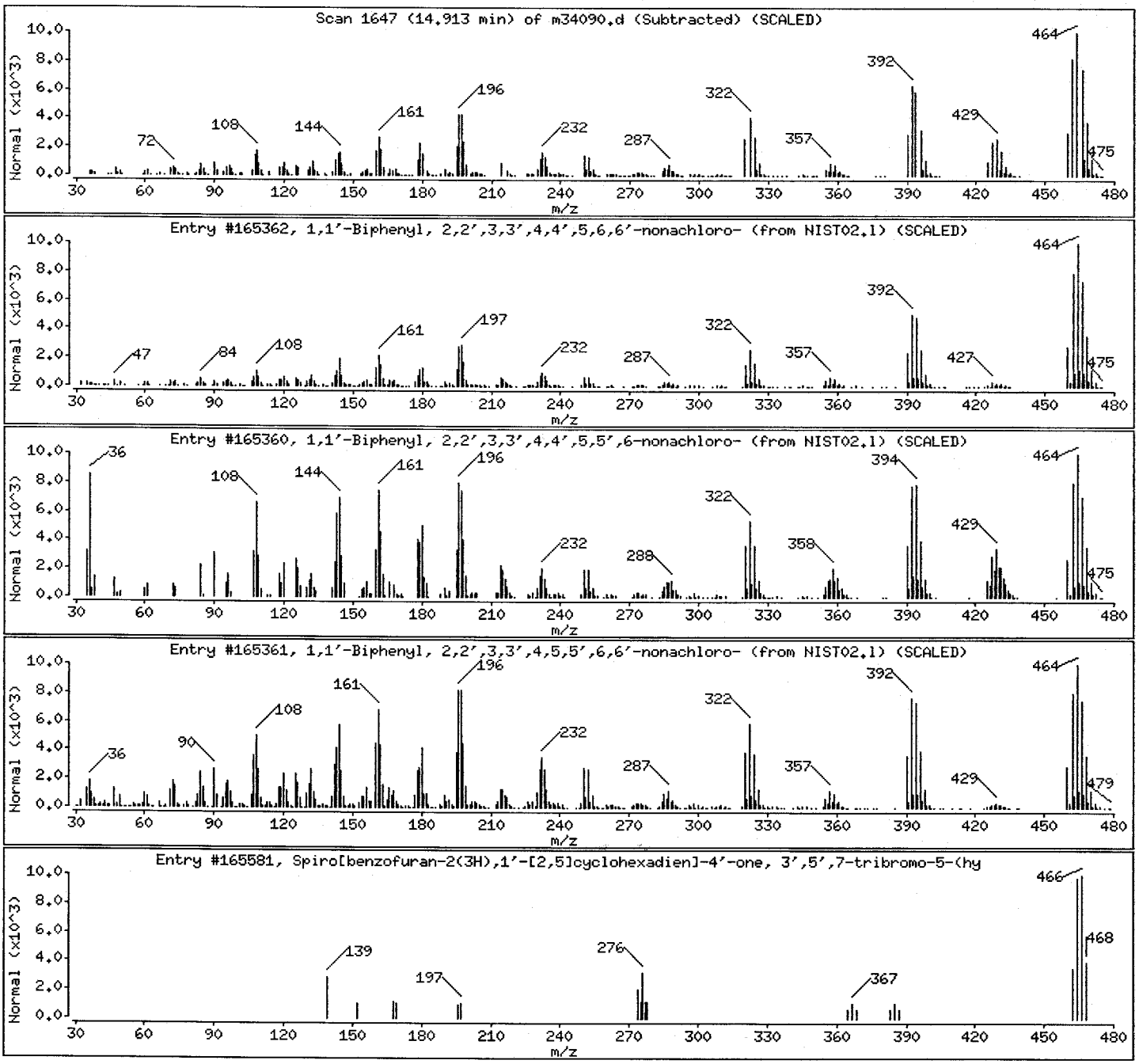
Sample Info: 908704;4225903

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Nonylchloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6,6'-non	52663-79-3	NIST02.l	165362	98	C12HCl9	460
1,1'-Biphenyl, 2,2',3,3',4,4',5,5',6-non	40186-72-9	NIST02.l	165360	58	C12HCl9	460
1,1'-Biphenyl, 2,2',3,3',4,5,5',6,6'-non	52663-77-1	NIST02.l	165361	49	C12HCl9	460
Spiro[benzofuran-2(3H),1'-[2,5]cyclohexa	52498-93-8	NIST02.l	165581	35	C14H9Br3O3	462



Client ID: **032608-1445**
Site: BP Hastings

Lab Sample No: **908705**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34091.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 43

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	590
2-Chlorophenol	ND	590
2-Methylphenol	ND	590
4-Methylphenol	ND	590
2-Nitrophenol	ND	590
2,4-Dimethylphenol	ND	590
2,4-Dichlorophenol	ND	590
4-Chloro-3-methylphenol	ND	590
2,4,6-Trichlorophenol	ND	590
2,4,5-Trichlorophenol	ND	590
2,4-Dinitrophenol	ND	1800
4-Nitrophenol	ND	1800
4,6-Dinitro-2-methylphenol	ND	1800
Pentachlorophenol	ND	1800

Client ID: **032608-1445**
Site: BP Hastings

Lab Sample No: **908705**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34091.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 43

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	59
1,3-Dichlorobenzene	ND	590
1,4-Dichlorobenzene	ND	590
1,2-Dichlorobenzene	ND	590
bis(2-chloroisopropyl)ether	ND	590
N-Nitroso-di-n-propylamine	ND	59
Hexachloroethane	ND	59
Nitrobenzene	ND	59
Isophorone	ND	590
bis(2-Chloroethoxy)methane	ND	590
1,2,4-Trichlorobenzene	ND	59
Naphthalene	20 J	590
4-Chloroaniline	ND	590
Hexachlorobutadiene	ND	120
2-Methylnaphthalene	ND	590
Hexachlorocyclopentadiene	ND	590
2-Chloronaphthalene	21 J	590
2-Nitroaniline	ND	1200
Dimethylphthalate	ND	590
Acenaphthylene	16 J	590
2,6-Dinitrotoluene	ND	120
3-Nitroaniline	ND	1200
Acenaphthene	17 J	590
Dibenzofuran	16 J	590
2,4-Dinitrotoluene	ND	120
Diethylphthalate	ND	590
4-Chlorophenyl-phenylether	ND	590
Fluorene	41 J	590
4-Nitroaniline	ND	1200
N-Nitrosodiphenylamine	ND	590
4-Bromophenyl-phenylether	ND	590
Hexachlorobenzene	ND	59
Phenanthrene	440 J	590
Anthracene	140 J	590

Client ID: **032608-1445**
Site: BP Hastings

Lab Sample No: **908705**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34091.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 43

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	24 J	590
Di-n-butylphthalate	ND	590
Fluoranthene	600	590
Pyrene	490 J	590
Butylbenzylphthalate	ND	590
3,3'-Dichlorobenzidine	ND	1200
Benzo(a)anthracene	280	59
Chrysene	380 J	590
bis(2-Ethylhexyl)phthalate	ND	590
Di-n-octylphthalate	ND	590
Benzo(b)fluoranthene	570	59
Benzo(k)fluoranthene	180	59
Benzo(a)pyrene	230	59
Indeno(1,2,3-cd)pyrene	81	59
Dibenz(a,h)anthracene	29 J	59
Benzo(g,h,i)perylene	86 J	590

Client ID: **032608-1445**
Site: BP Hastings

Lab Sample No: **908705**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34091.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 43.2

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Trichloro-1,1-biphenyl isomer	10.29	2400	
2. Hexachloro-1,1'-biphenyl isomer	12.17	3000	
3. Hexachloro-1,1'-biphenyl isomer	12.38	4300	
4. Hexachloro-1,1'-biphenyl isomer	12.51	2000	
5. Hexachloro-1,1'-biphenyl isomer	12.57	5100	
6. Heptachloro-1,1'-biphenyl isomer	12.73	3400	
7. Heptachloro-1,1'-biphenyl isomer	12.89	1800	
8. Heptachloro-1,1'-biphenyl isomer	12.99	14000	
9. Unknown	13.03	2700	
10. Heptachloro-1,1'-biphenyl isomer	13.22	3700	
11. Octachloro-1,1'-biphenyl isomer	13.30	6200	
12. Octachloro-1,1'-biphenyl isomer	13.37	2500	
13. Heptachloro-1,1'-biphenyl isomer	13.47	13000	
14. Octachloro-1,1'-biphenyl isomer	13.62	1600	
15. Octachloro-1,1'-biphenyl isomer	13.87	15000	
16. Octachloro-1,1'-biphenyl isomer	13.93	14000	
17. Nonylchloro-1,1'-biphenyl isomer	14.23	2700	
18. Octachloro-1,1'-biphenyl isomer	14.25	2000	
19. Octachloro-1,1'-biphenyl isomer	14.44	10000	
20. Nonylchloro-1,1'-biphenyl isomer	14.88	18000	
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
TOTAL ESTIMATED CONCENTRATION		127400	

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34091.d
Report Date: 09-Apr-2008 12:36

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34091.d
Lab Smp Id: 908705 Client Smp ID: 032608-1445
Inj Date : 08-APR-2008 12:27
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : 908705;4225904
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS6.i/8270/04-02-08/08apr08.b/8270C_08.m
Meth Date : 09-Apr-2008 09:19 monica Quant Type: ISTD
Cal Date : 02-APR-2008 22:21 Cal File: m33969.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	43.20000	% Moisture

Cpnd Variable Local Compound Variable

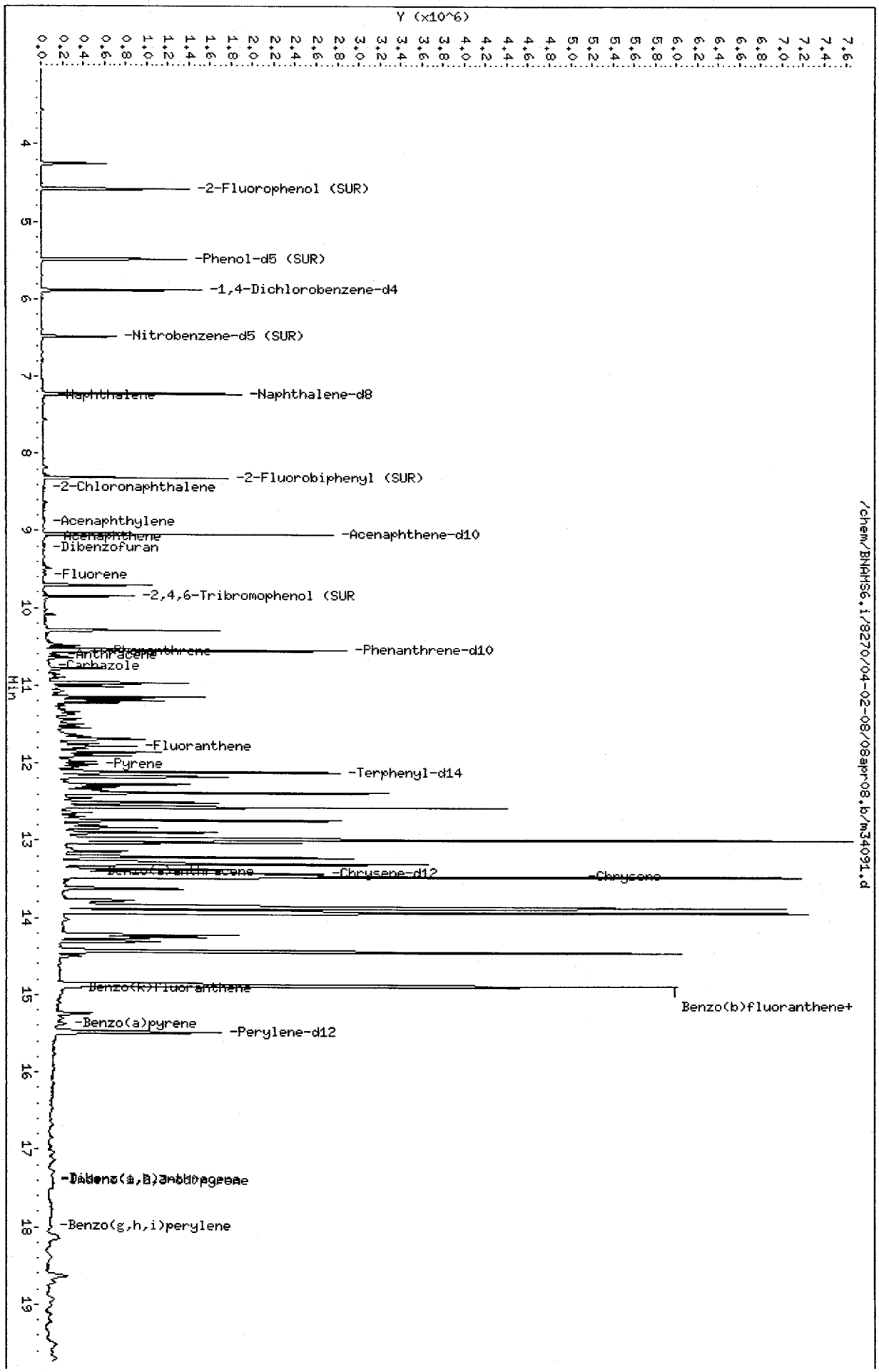
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.583	4.578	(0.779)	460747	59.1894	6900
$ 17 Phenol-d5 (SUR)	99	5.492	5.497	(0.933)	610502	59.0365	6900
* 79 1,4-Dichlorobenzene-d4	152	5.887	5.891	(1.000)	249723	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	6.486	6.502	(0.898)	233781	26.6660	3100
* 80 Naphthalene-d8	136	7.227	7.228	(1.000)	1020578	40.0000	
31 Naphthalene	128	7.242	7.251	(1.002)	4396	0.17425	20(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.316	8.322	(0.920)	570638	27.2336	3200
36 2-Chloronaphthalene	162	8.449	8.462	(0.934)	3156	0.17558	21(a)
39 Acenaphthylene	152	8.891	8.898	(0.983)	3946	0.13415	16(a)
* 82 Acenaphthene-d10	164	9.044	9.053	(1.000)	706887	40.0000	
42 Acenaphthene	154	9.073	9.083	(1.003)	2835	0.14616	17(a)
43 Dibenzofuran	168	9.228	9.240	(1.020)	3830	0.13805	16(a)
47 Fluorene	166	9.579	9.588	(1.059)	7553	0.34613	41(a)

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34091.d
Report Date: 09-Apr-2008 12:36

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.852	9.854	(1.089)	85923	20.1523	2400(R)
* 83 Phenanthrene-d10	188	10.542	10.549	(1.000)	1153108	40.0000	
52 Phenanthrene	178	10.562	10.571	(1.002)	129517	3.71590	440(a)
53 Anthracene	178	10.605	10.623	(1.006)	41668	1.19337	140(a)
54 Carbazole	167	10.749	10.763	(1.020)	6622	0.20542	24(a)
56 Fluoranthene	202	11.783	11.782	(1.118)	174505	5.07466	600
57 Pyrene	202	12.020	12.032	(0.895)	146158	4.18356	490(a)
$ 78 Terphenyl-d14	244	12.118	12.119	(0.902)	893187	33.7283	4000
61 Benzo(a)anthracene	228	13.399	13.402	(0.998)	77006	2.37938	280
* 81 Chrysene-d12	240	13.428	13.429	(1.000)	1264608	40.0000	
62 Chrysene	228	13.456	13.464	(1.002)	95578	3.26089	380(a)
65 Benzo(b)fluoranthene	252	14.877	14.893	(0.960)	167034	4.88368	570(H)
66 Benzo(k)fluoranthene	252	14.905	14.929	(0.962)	46899	1.55480	180(H)
67 Benzo(a)pyrene	252	15.379	15.399	(0.993)	53552	1.94560	230
* 84 Perylene-d12	264	15.490	15.487	(1.000)	971769	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	17.407	17.463	(1.124)	18728	0.69019	81
69 Dibenz(a,h)anthracene	278	17.386	17.450	(1.122)	5717	0.24666	29(aH)
70 Benzo(g,h,i)perylene	276	17.991	18.055	(1.161)	16006	0.72982	86(aH)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.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Date : 08-APR-2008 12:27
Client ID: 032608-1445
Sample Info: 908705;4225904
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34091.d
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)
-2-Chloronaphthalene
-Acenaphthylene
-Acenaphthene-d10
-Dibenzofuran
-Fluorene
-2,4,6-Tribromophenol (SUR
-Phenanthrene-d10
-Carbazole
-Fluoranthene
-Pyrene
-Terphenyl-d14
-Chrysene-d12
-Chrysene
Benzo(b)fluoranthene+
-Benzo(a)pyrene
-Perylene-d12
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34091.d

Date : 08-APR-2008 12:27

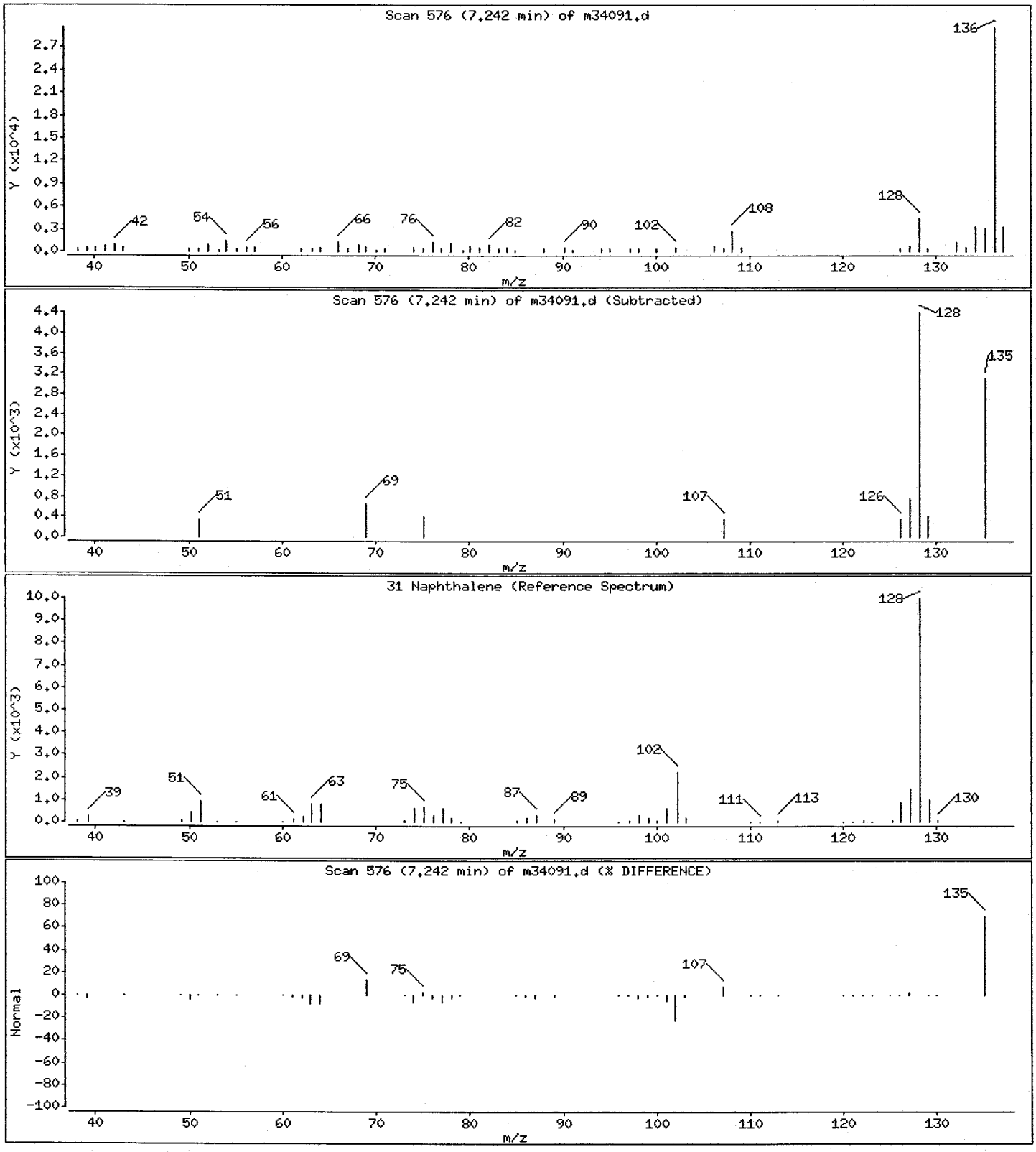
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 20 ug/Kg



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Date : 08-APR-2008 12:27

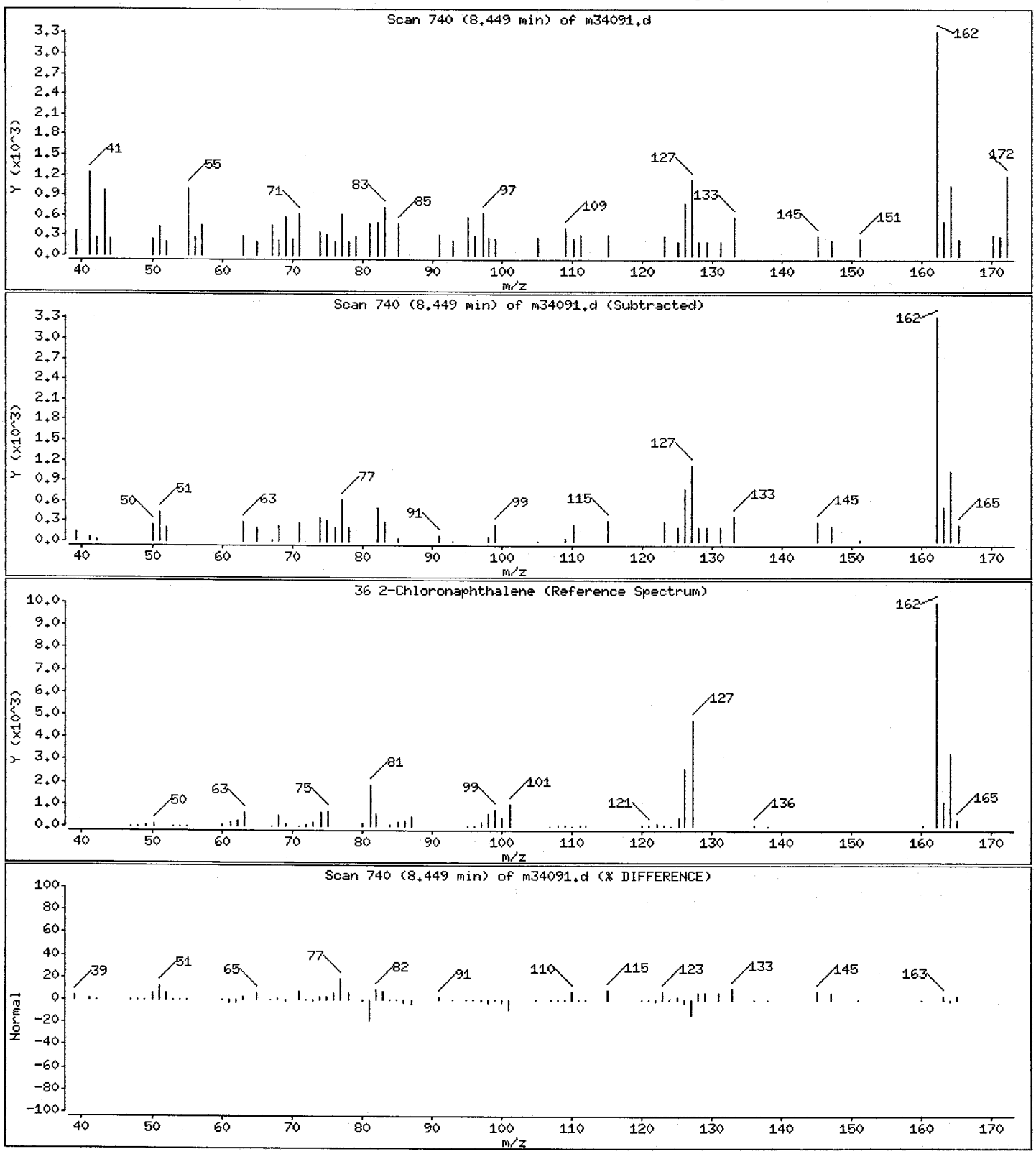
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

36 2-Chloronaphthalene Concentration: 21 ug/Kg



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Date : 08-APR-2008 12:27

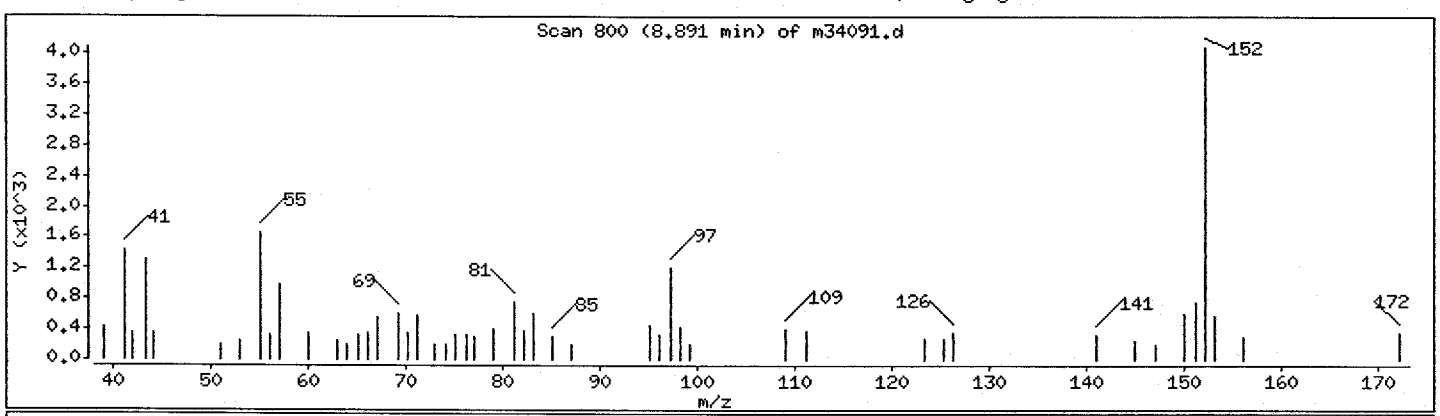
Client ID: 032608-1445 Instrument: BNAMS6.i

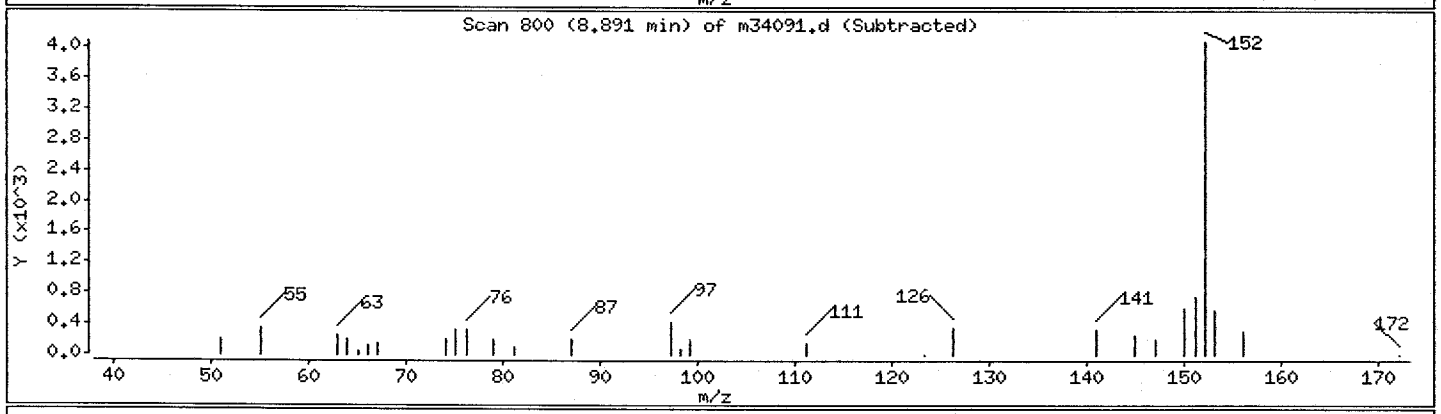
Sample Info: 908705;4225904

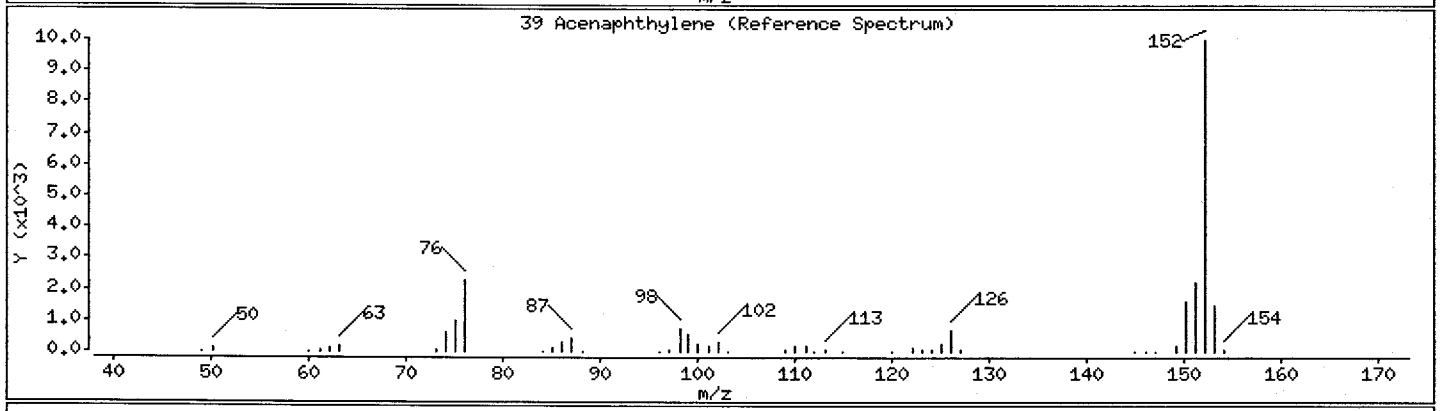
Operator: BNAMS 4

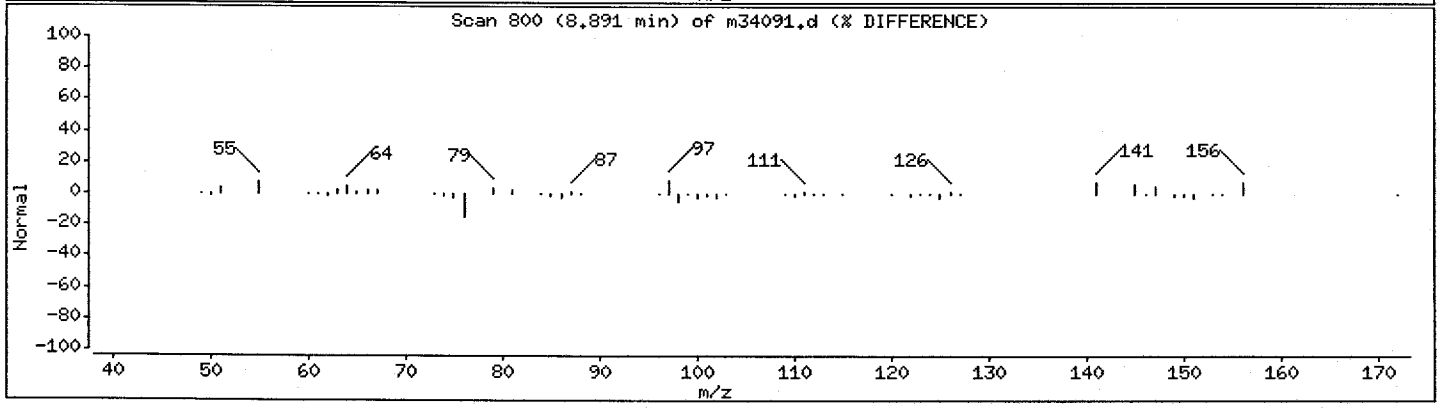
Column phase: DB-5 Column diameter: 0.25

39 Acenaphthylene Concentration: 16 ug/Kg









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Date : 08-APR-2008 12:27

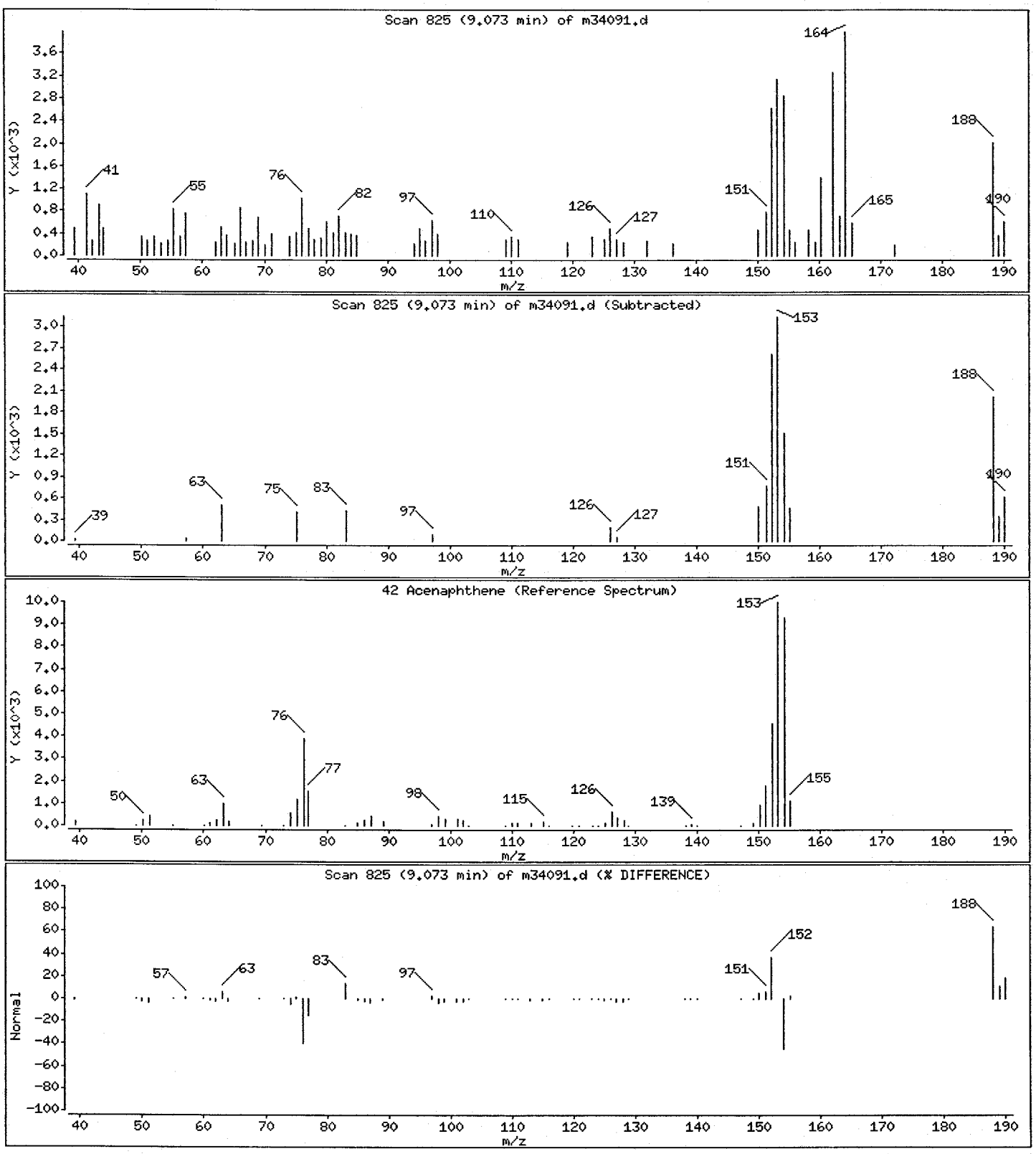
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

42 Acenaphthene Concentration: 17 ug/Kg



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Date : 08-APR-2008 12:27

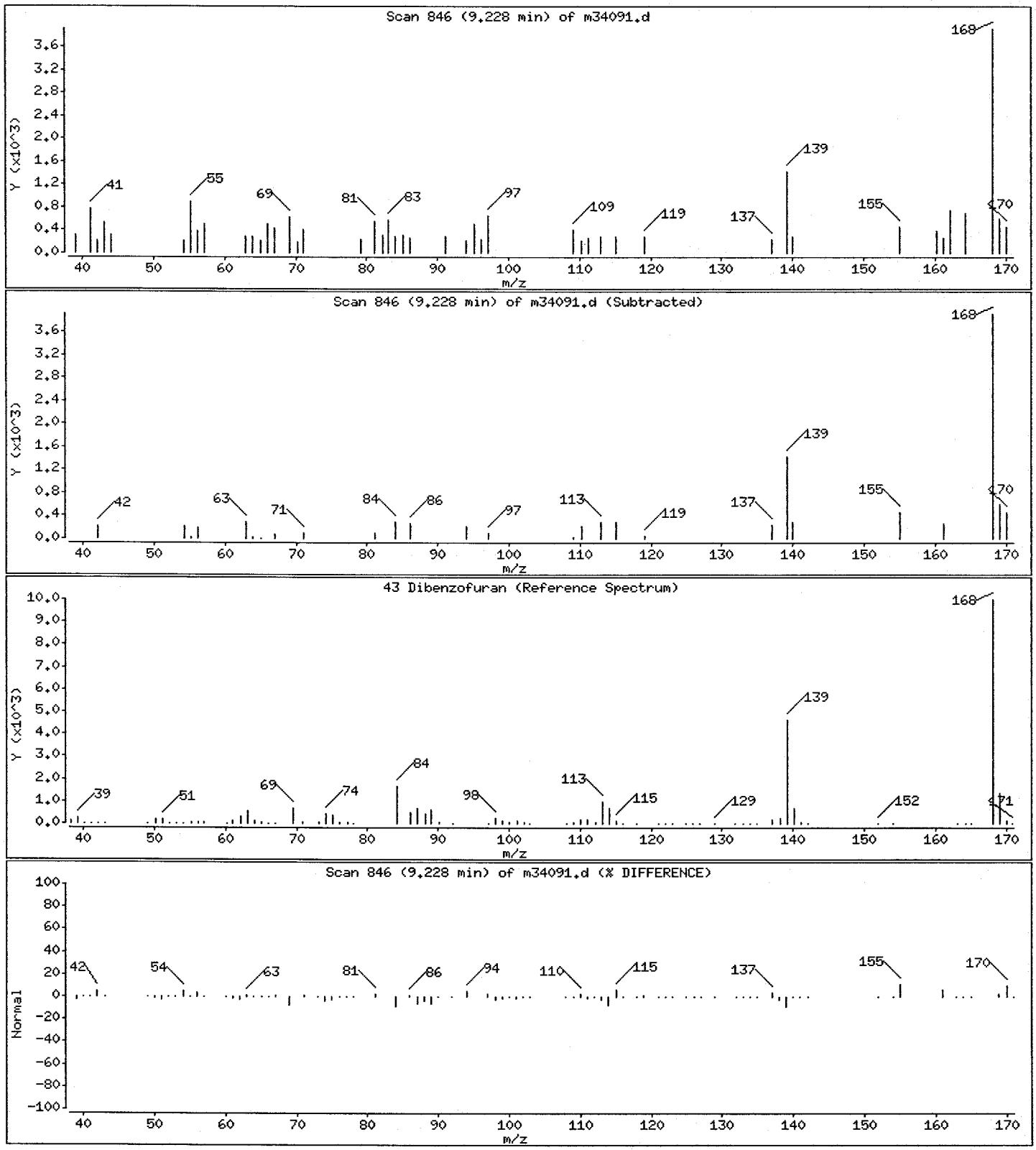
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

43 Dibenzofuran Concentration: 16 ug/Kg



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Date : 08-APR-2008 12:27

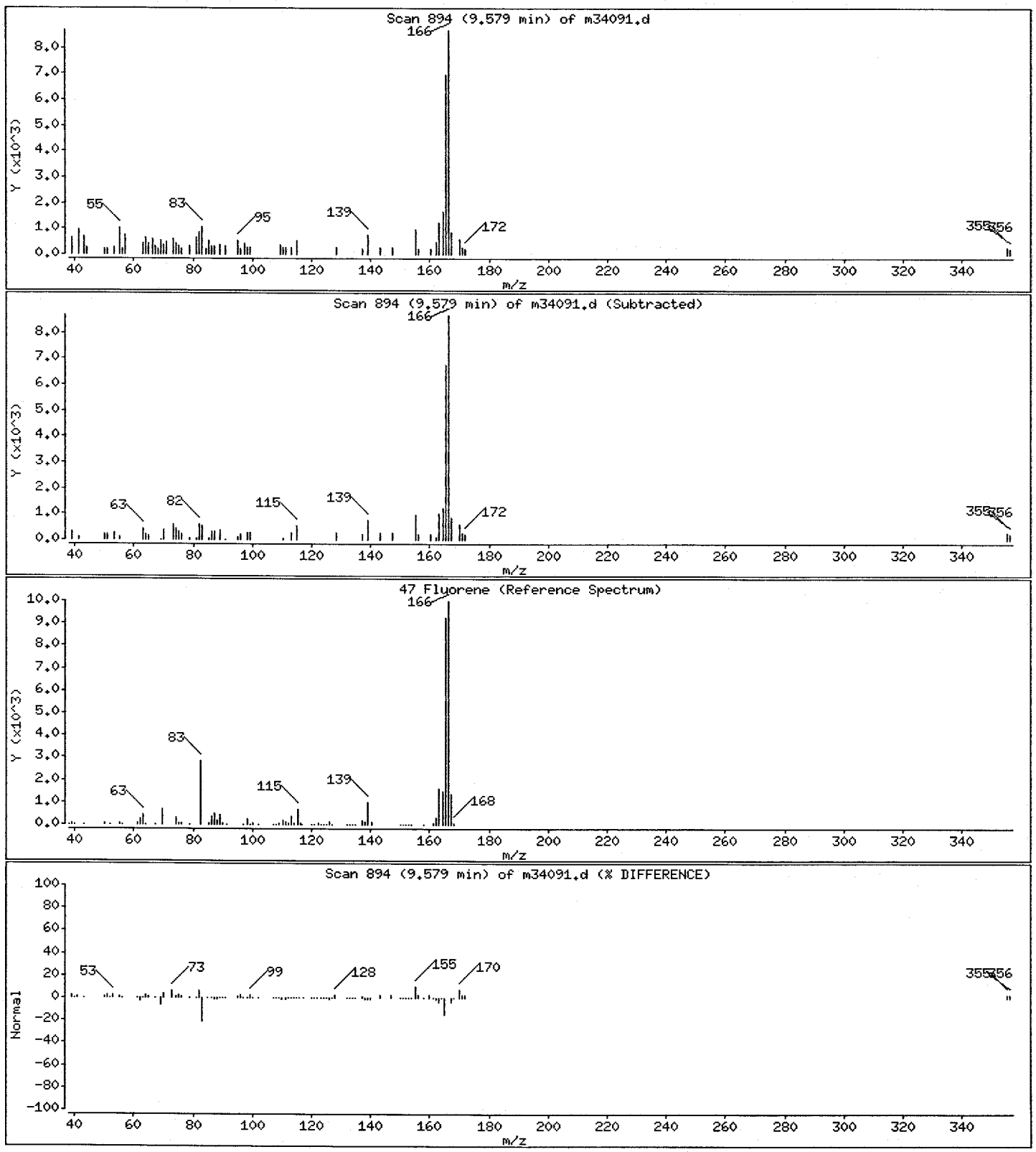
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 41 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34091.d

Date : 08-APR-2008 12:27

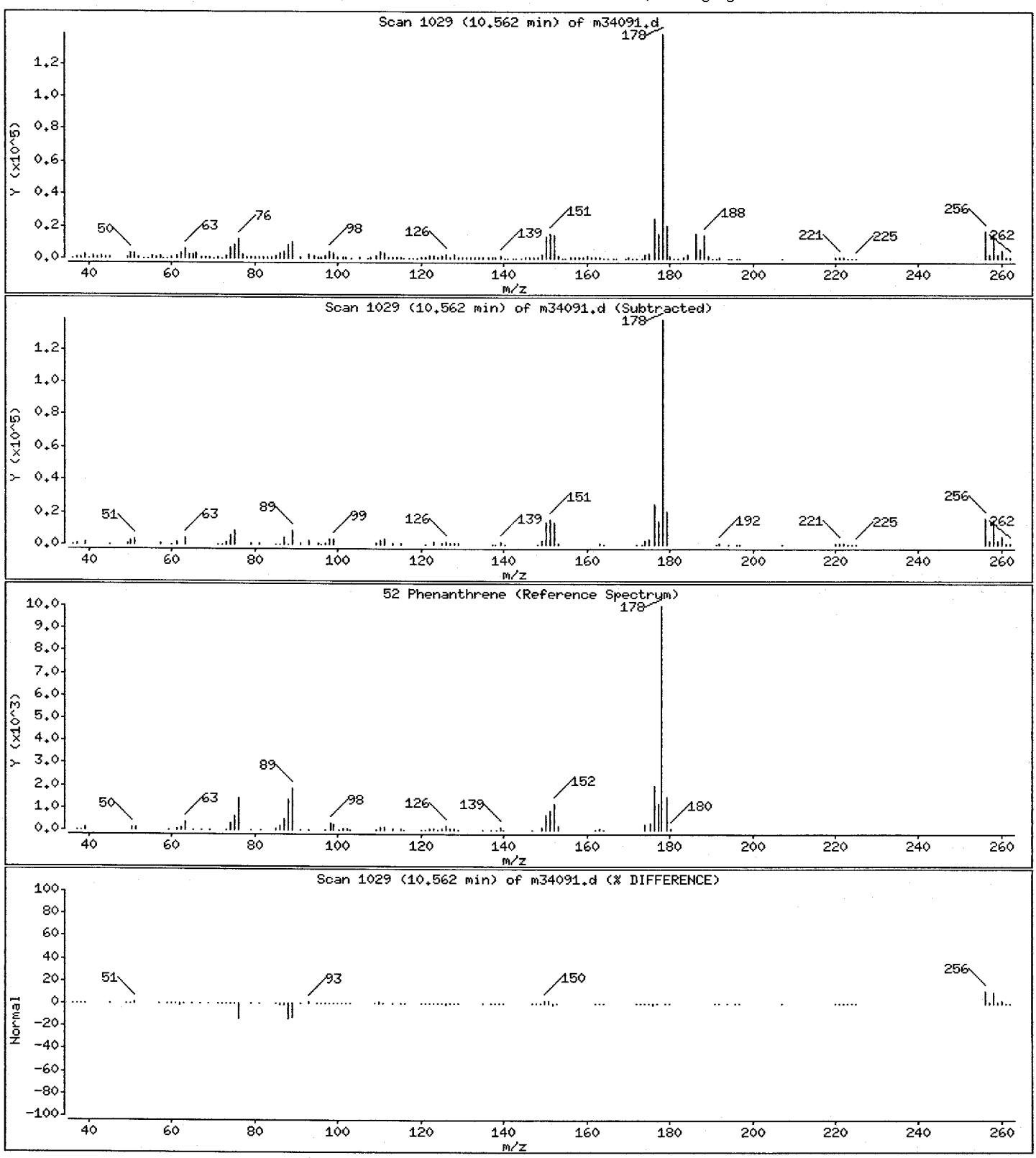
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

52 Phenanthrene Concentration: 440 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34091.d

Date : 08-APR-2008 12:27

Client ID: 032608-1445

Instrument: BNAMS6.i

Sample Info: 908705;4225904

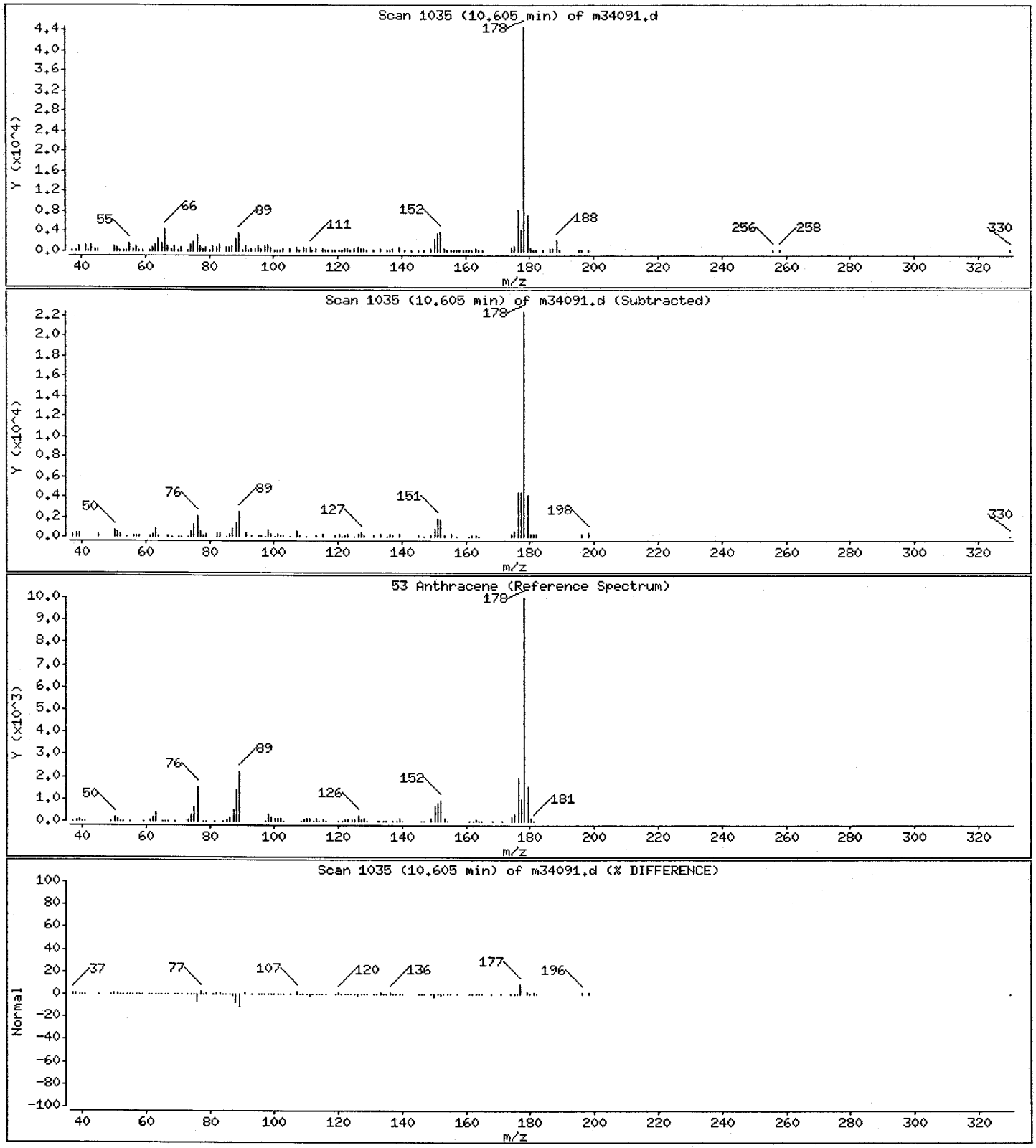
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

53 Anthracene

Concentration: 140 ug/Kg



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Date : 08-APR-2008 12:27

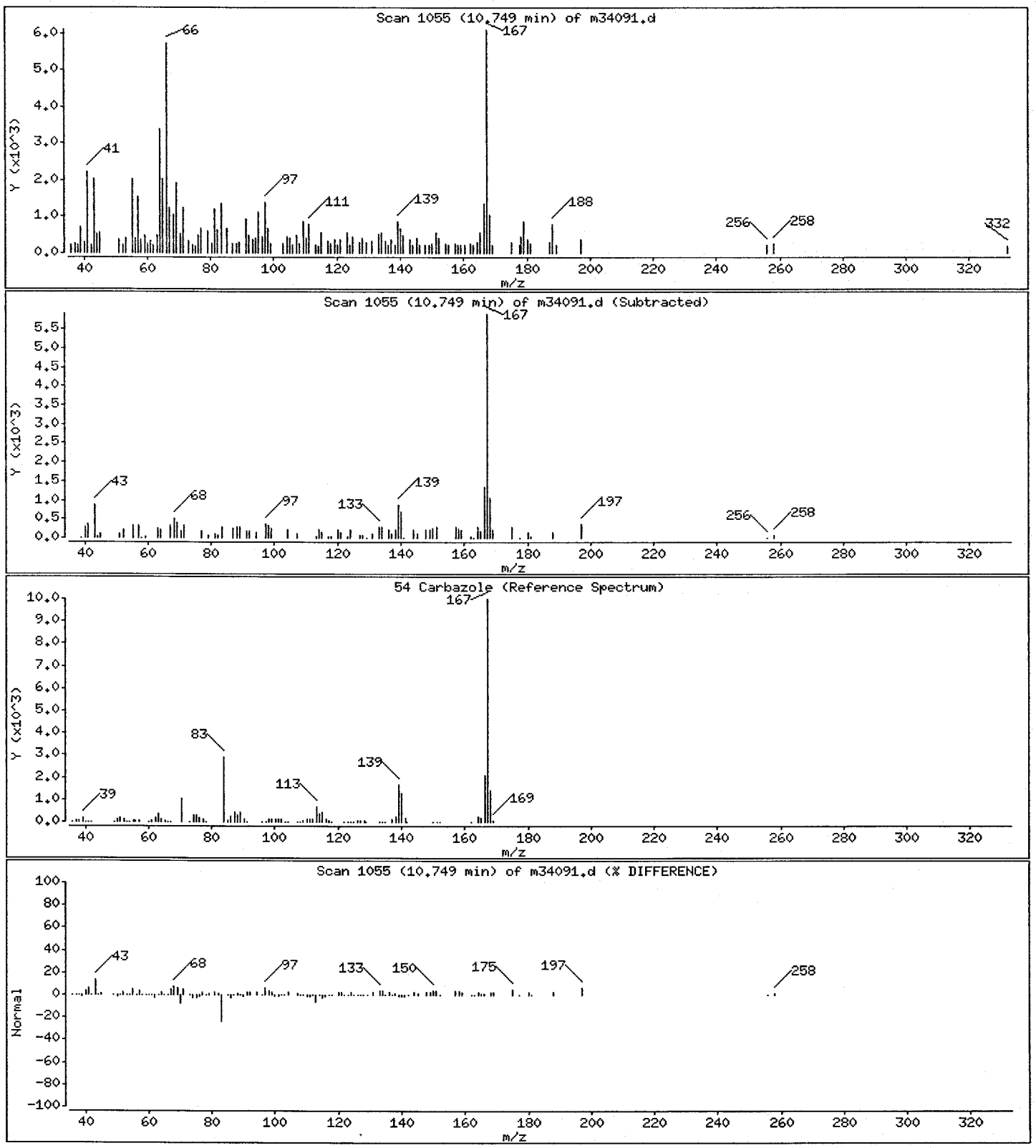
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

54 Carbazole Concentration: 24 ug/Kg



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Date : 08-APR-2008 12:27

Client ID: 032608-1445

Instrument: BNAMS6.i

Sample Info: 908705;4225904

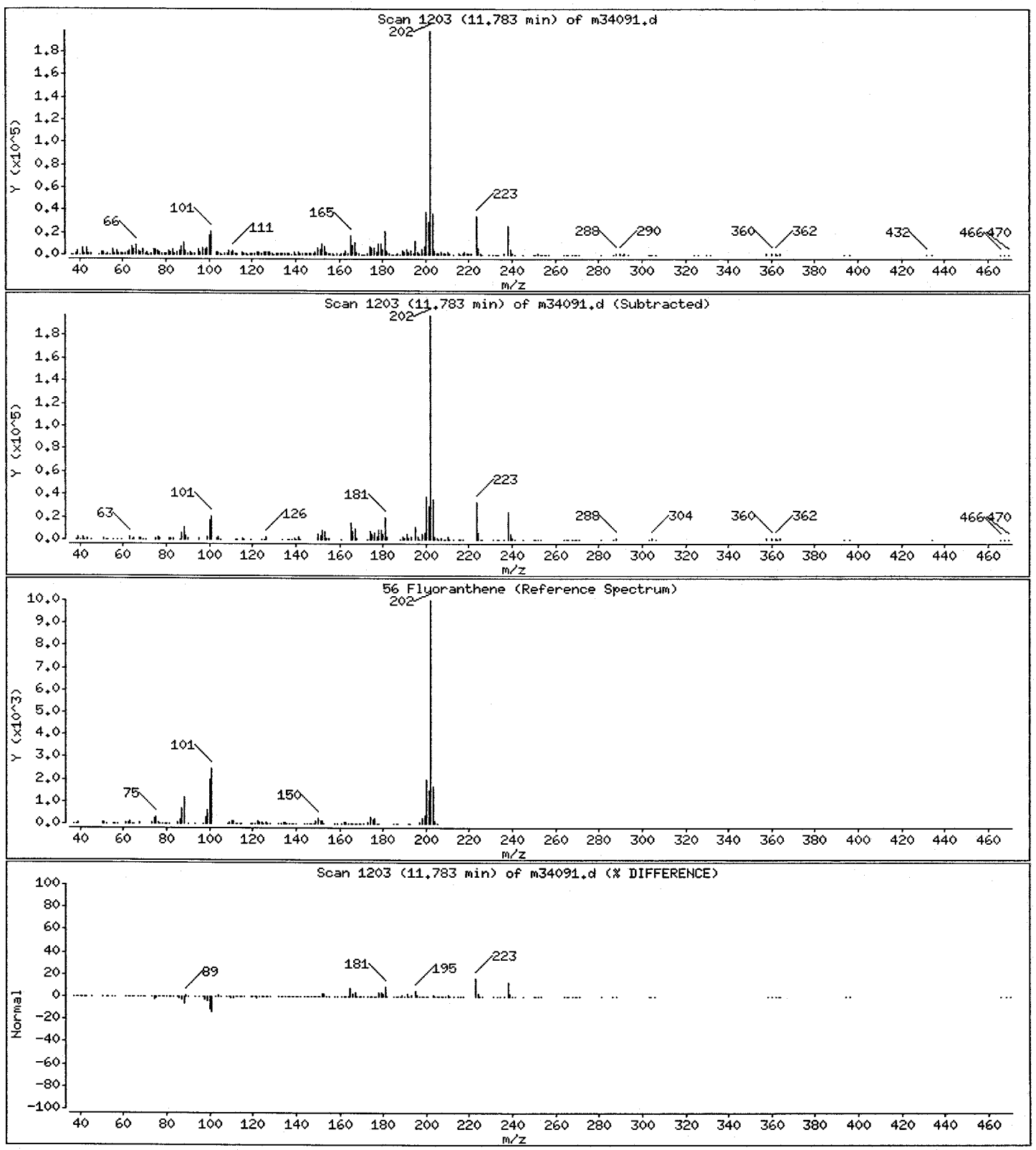
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

56 Fluoranthene

Concentration: 600 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34091.d

Date : 08-APR-2008 12:27

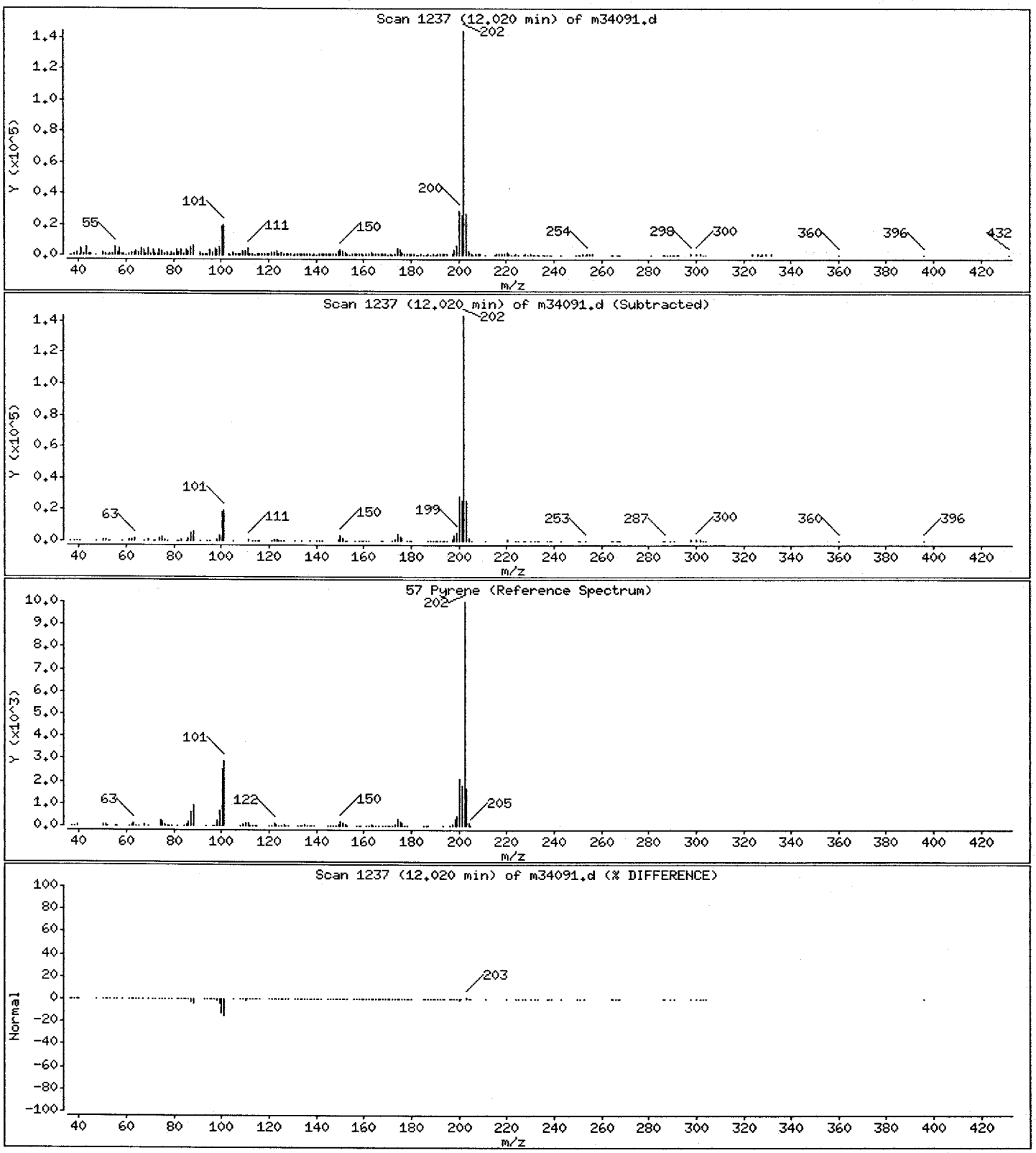
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 490 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34091.d

Date : 08-APR-2008 12:27

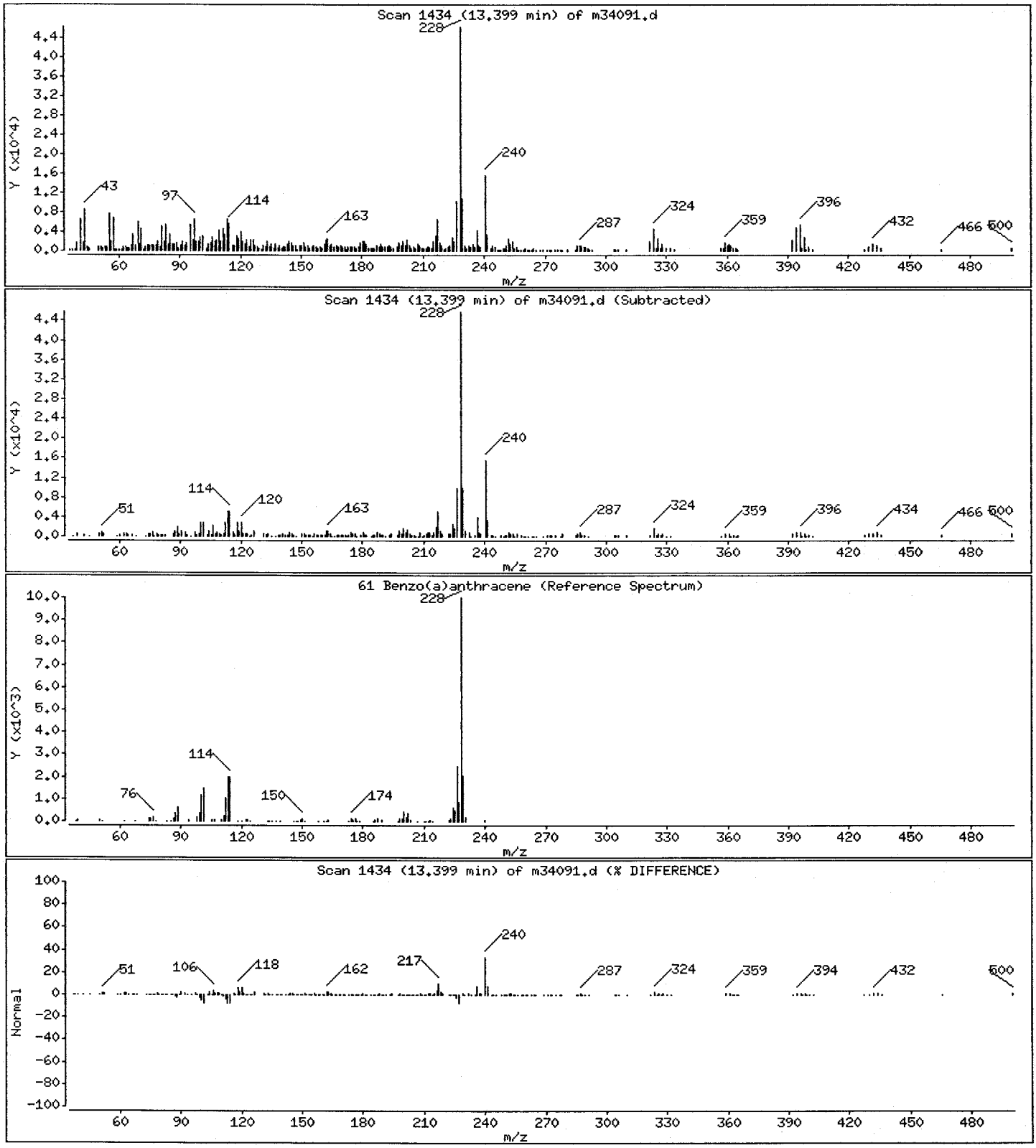
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

61 Benzo(a)anthracene Concentration: 280 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34091.d

Date : 08-APR-2008 12:27

Client ID: 032608-1445

Instrument: BNAMS6.i

Sample Info: 908705;4225904

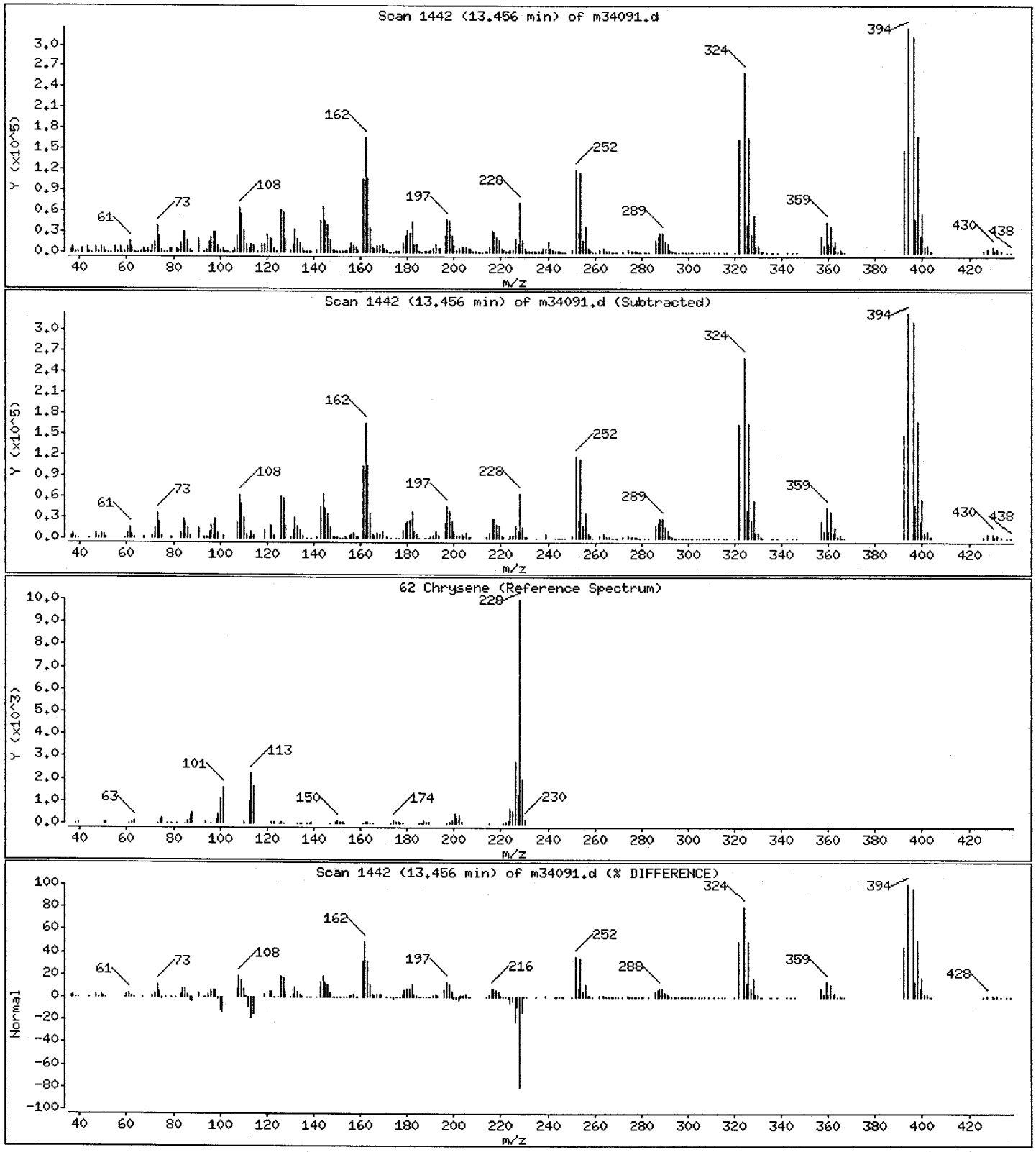
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

62 Chrysene

Concentration: 380 ug/Kg



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Date : 08-APR-2008 12:27

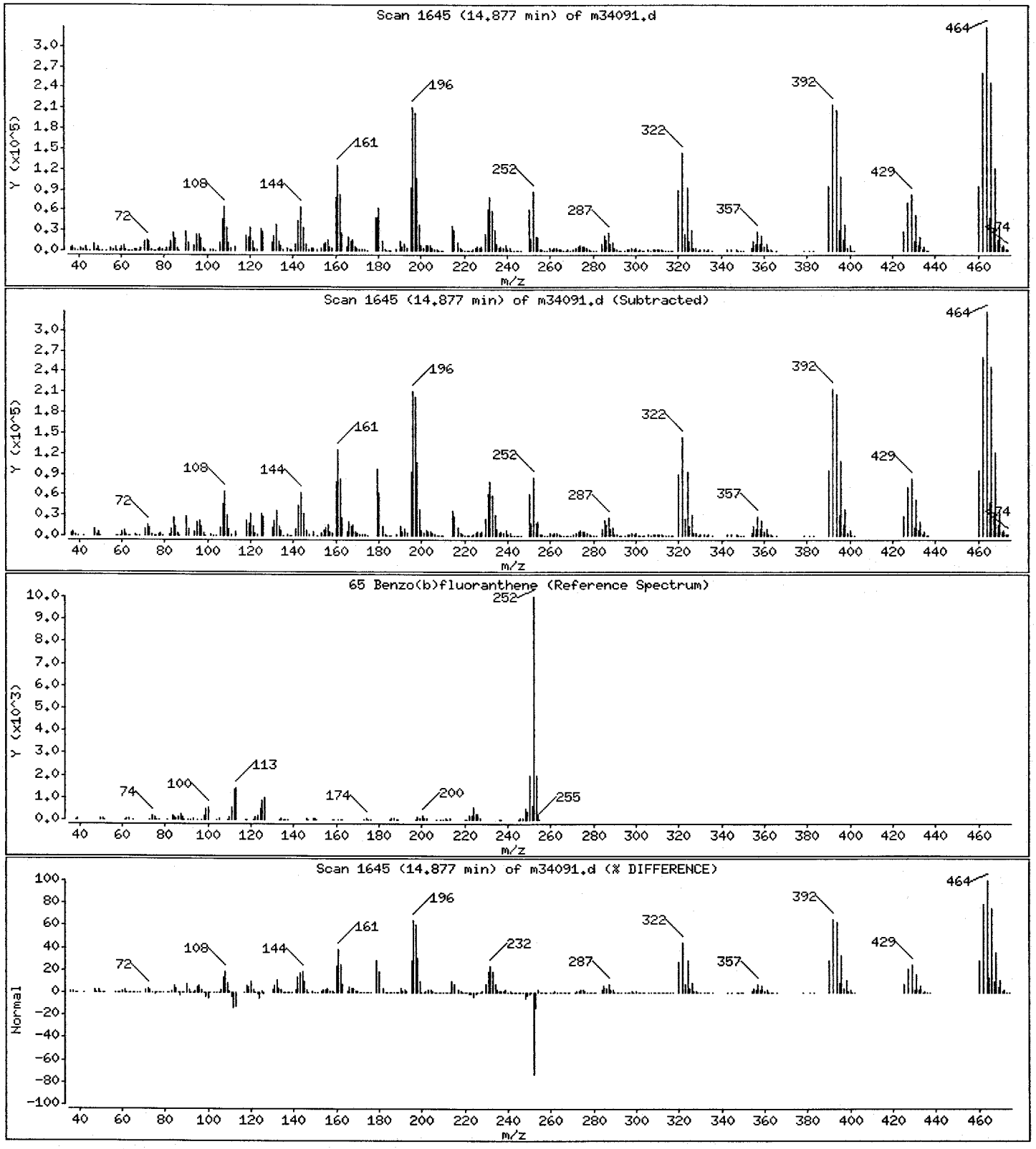
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

65 Benzo(b)fluoranthene Concentration: 570 ug/Kg



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Date : 08-APR-2008 12:27

Client ID: 032608-1445

Instrument: BNAMS6.i

Sample Info: 908705;4225904

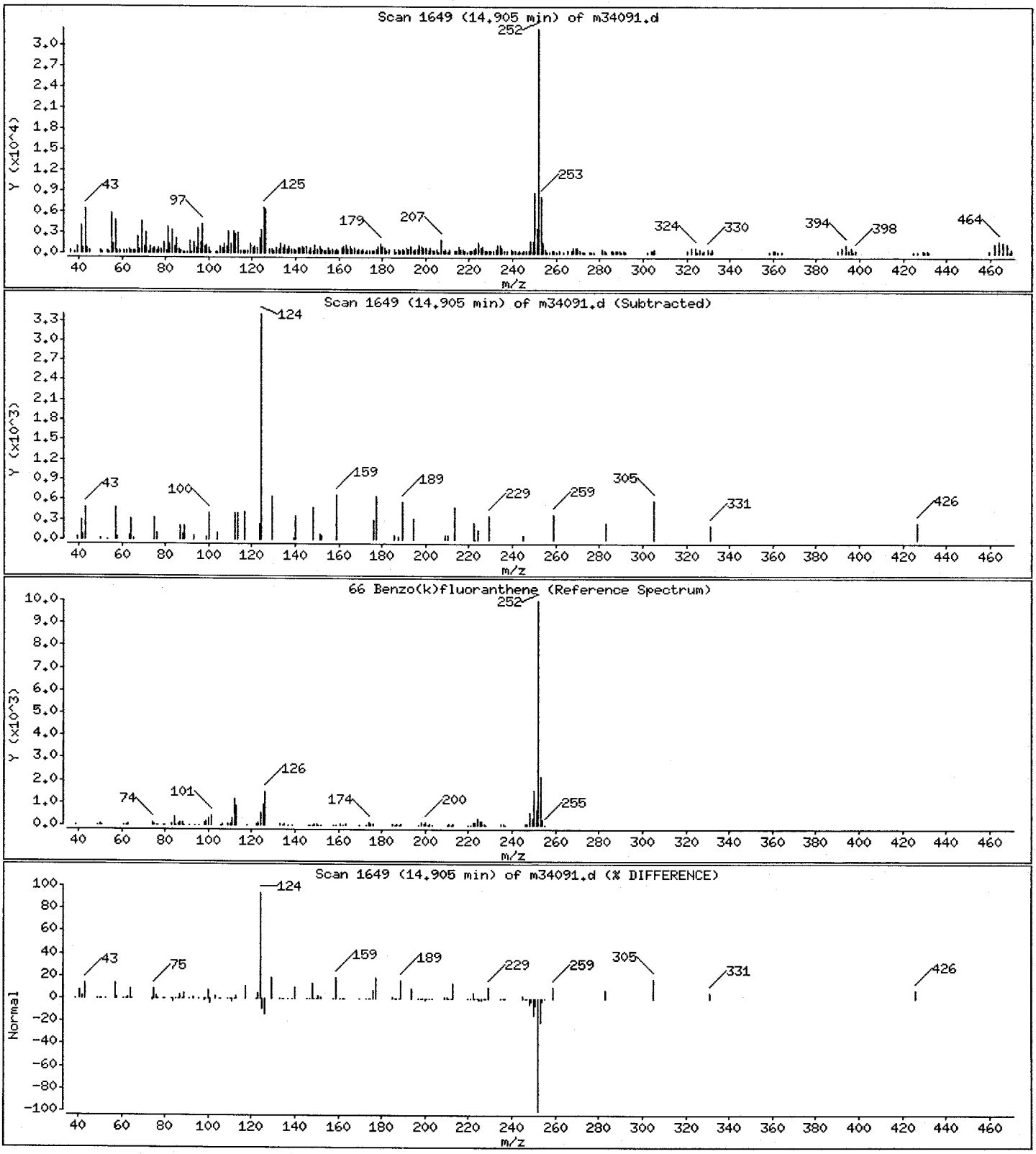
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

66 Benzo(k)fluoranthene

Concentration: 180 ug/Kg



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Date : 08-APR-2008 12:27

Client ID: 032608-1445

Instrument: BNAMS6.i

Sample Info: 908705;4225904

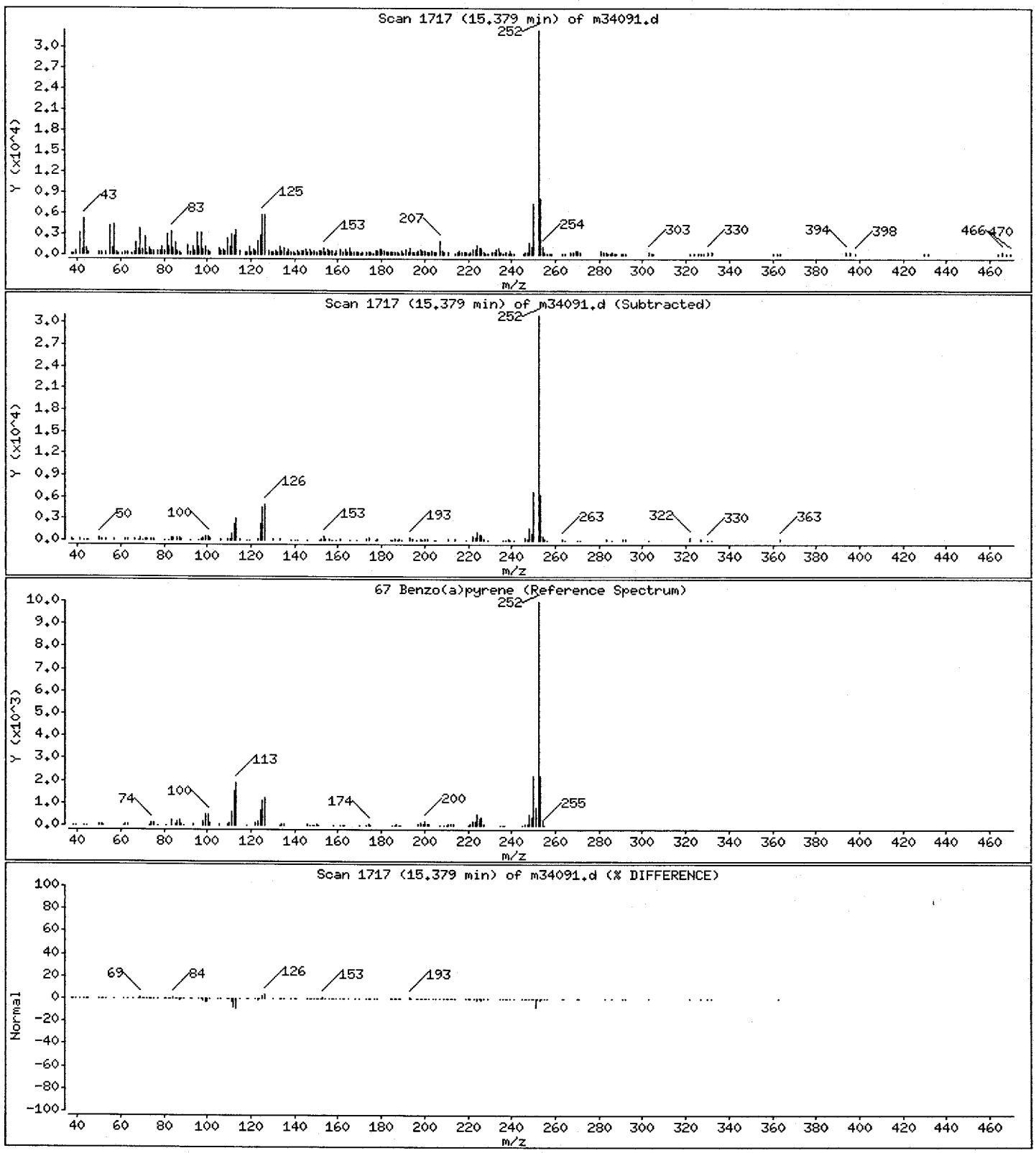
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

67 Benzo(a)pyrene

Concentration: 230 ug/Kg



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Date : 08-APR-2008 12:27

Client ID: 032608-1445

Instrument: BNAMS6.i

Sample Info: 908705;4225904

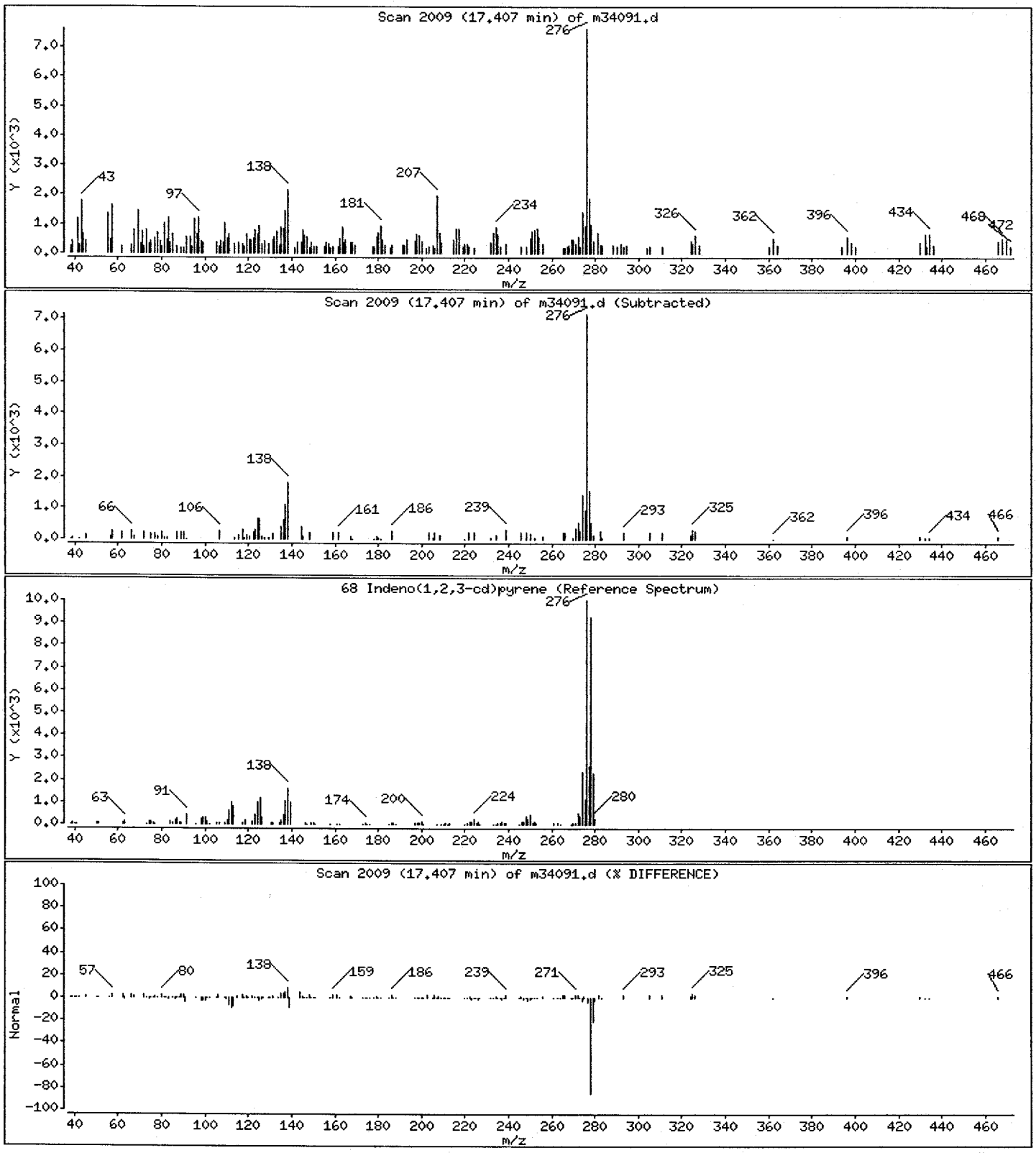
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

68 Indeno(1,2,3-cd)pyrene

Concentration: 81 ug/Kg



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Date : 08-APR-2008 12:27

Client ID: 032608-1445

Instrument: BNAMS6.i

Sample Info: 908705;4225904

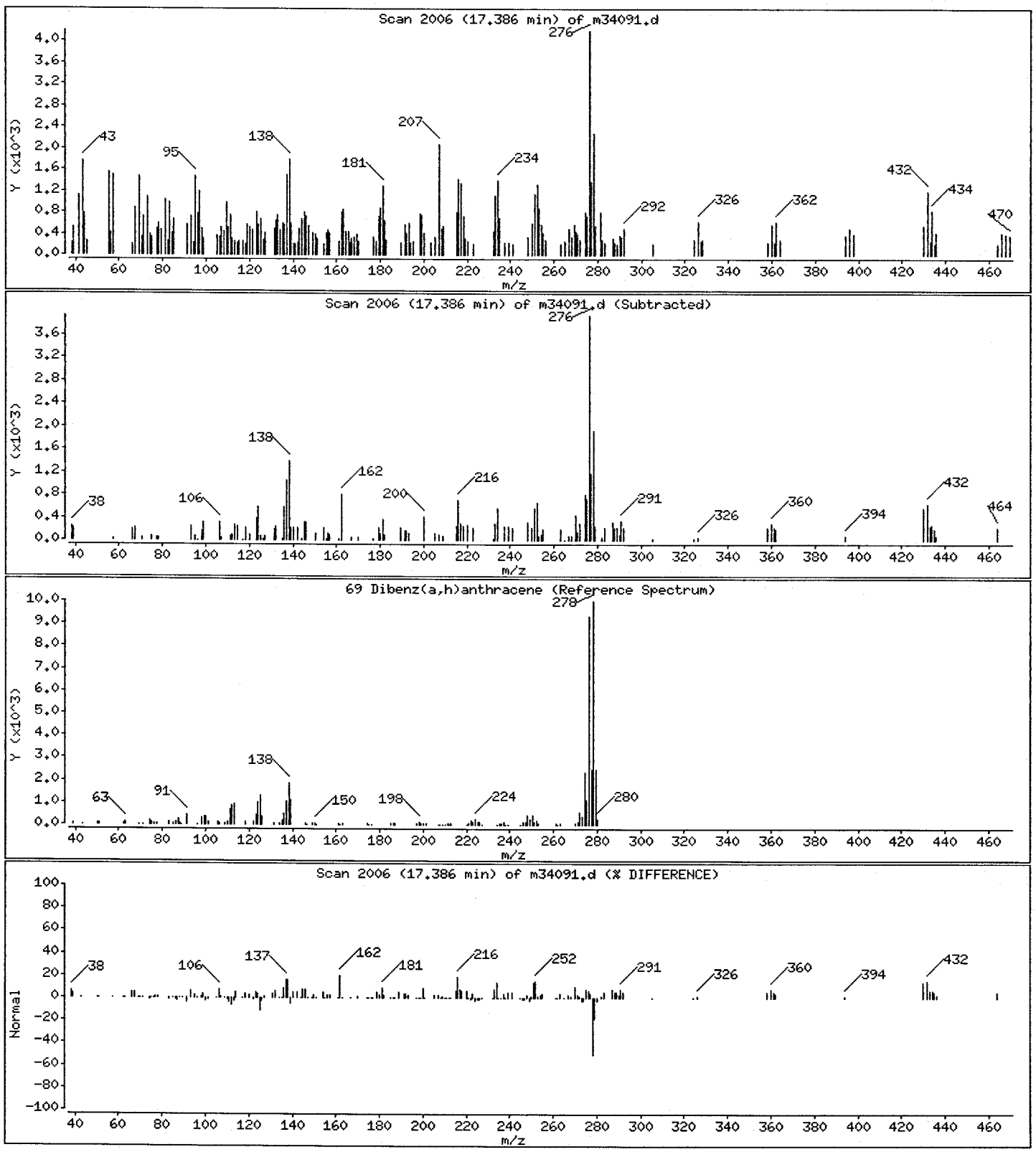
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

69 Dibenz(a,h)anthracene

Concentration: 29 ug/Kg



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Client ID: 032608-1445

Instrument: BNAMS6.i

Sample Info: 908705;4225904

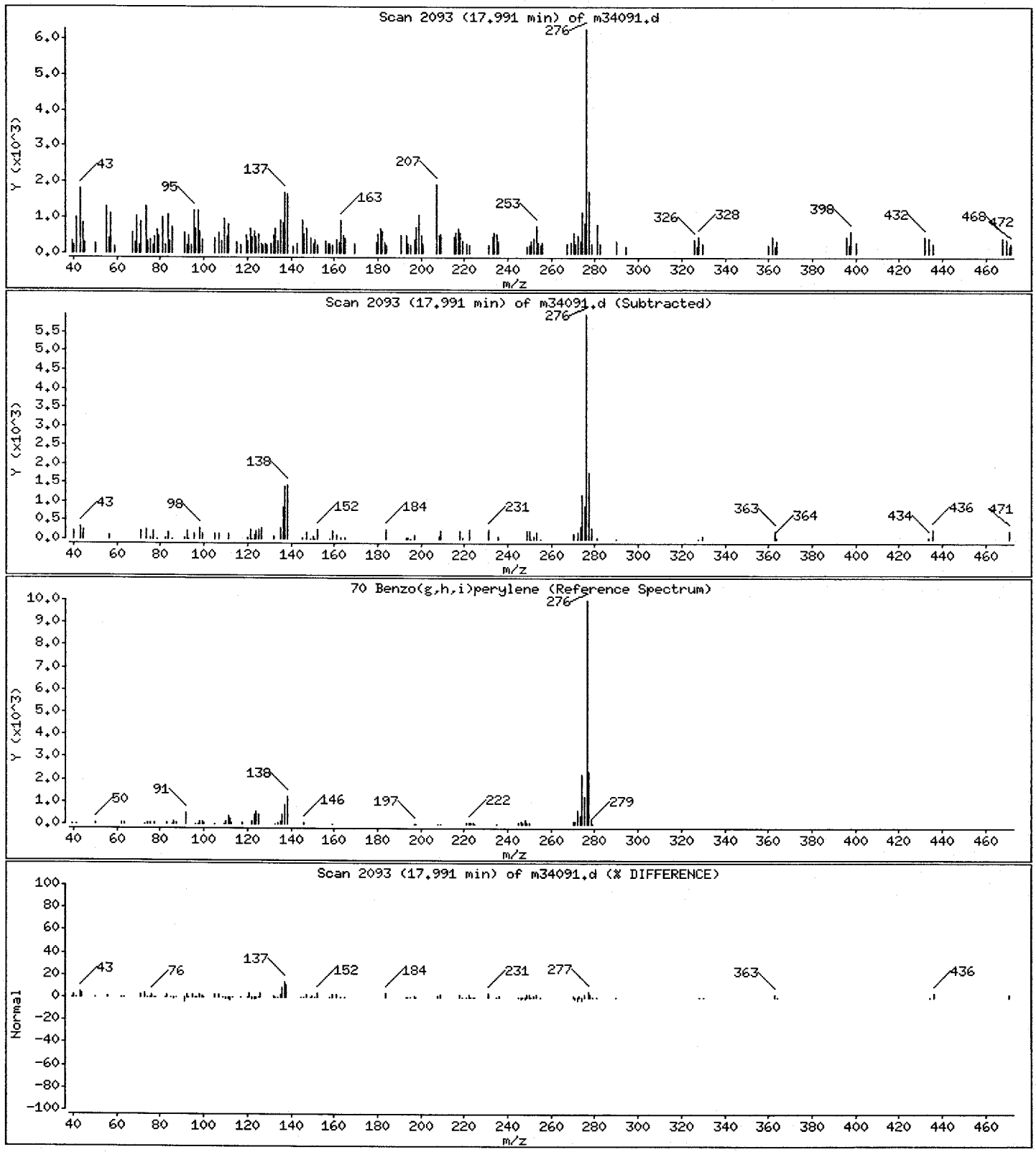
Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

70 Benzo(g,h,i)perylene

Concentration: 86 ug/Kg



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Date : 08-APR-2008 12:27

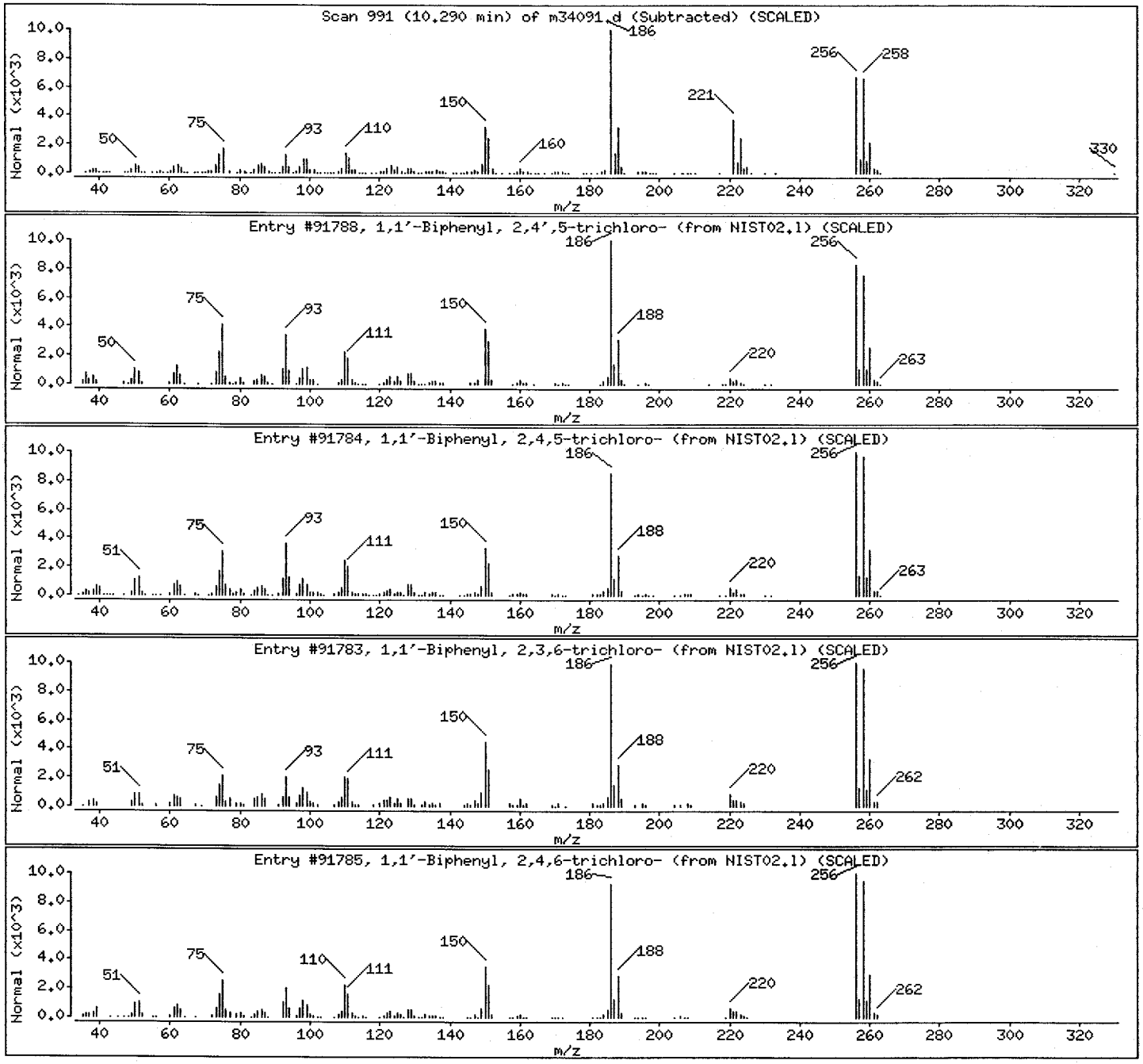
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	98	C12H7Cl3	256
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.l	91785	98	C12H7Cl3	256



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Date : 08-APR-2008 12:27

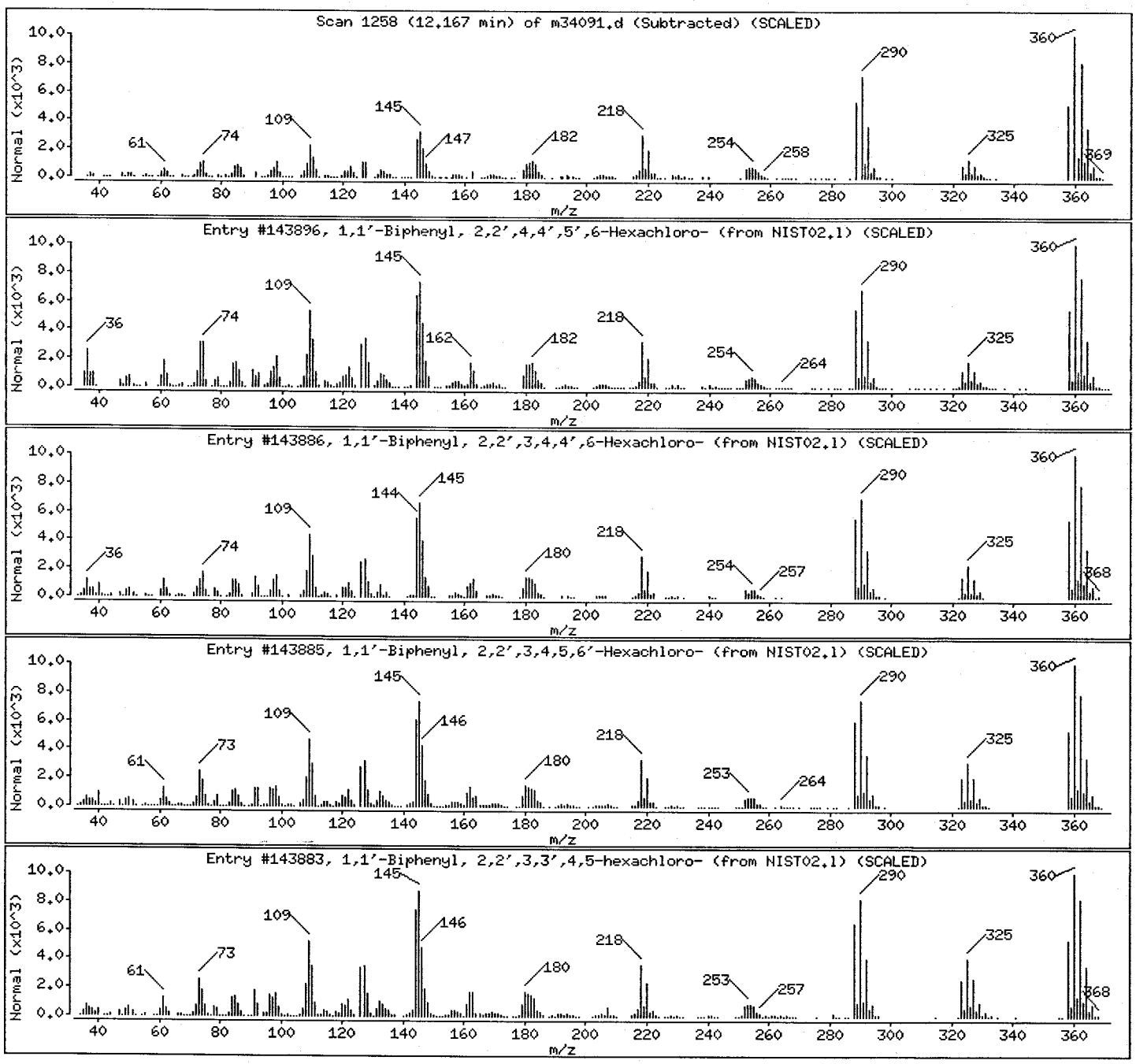
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',4,4',5',6-Hexachloro	60145-22-4	NIST02.l	143896	98	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',6-Hexachloro-	56030-56-9	NIST02.l	143886	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,5,6'-Hexachloro-	68194-15-0	NIST02.l	143885	96	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,5-hexachloro-	55215-18-4	NIST02.l	143883	96	C12H4Cl6	358



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Date : 08-APR-2008 12:27

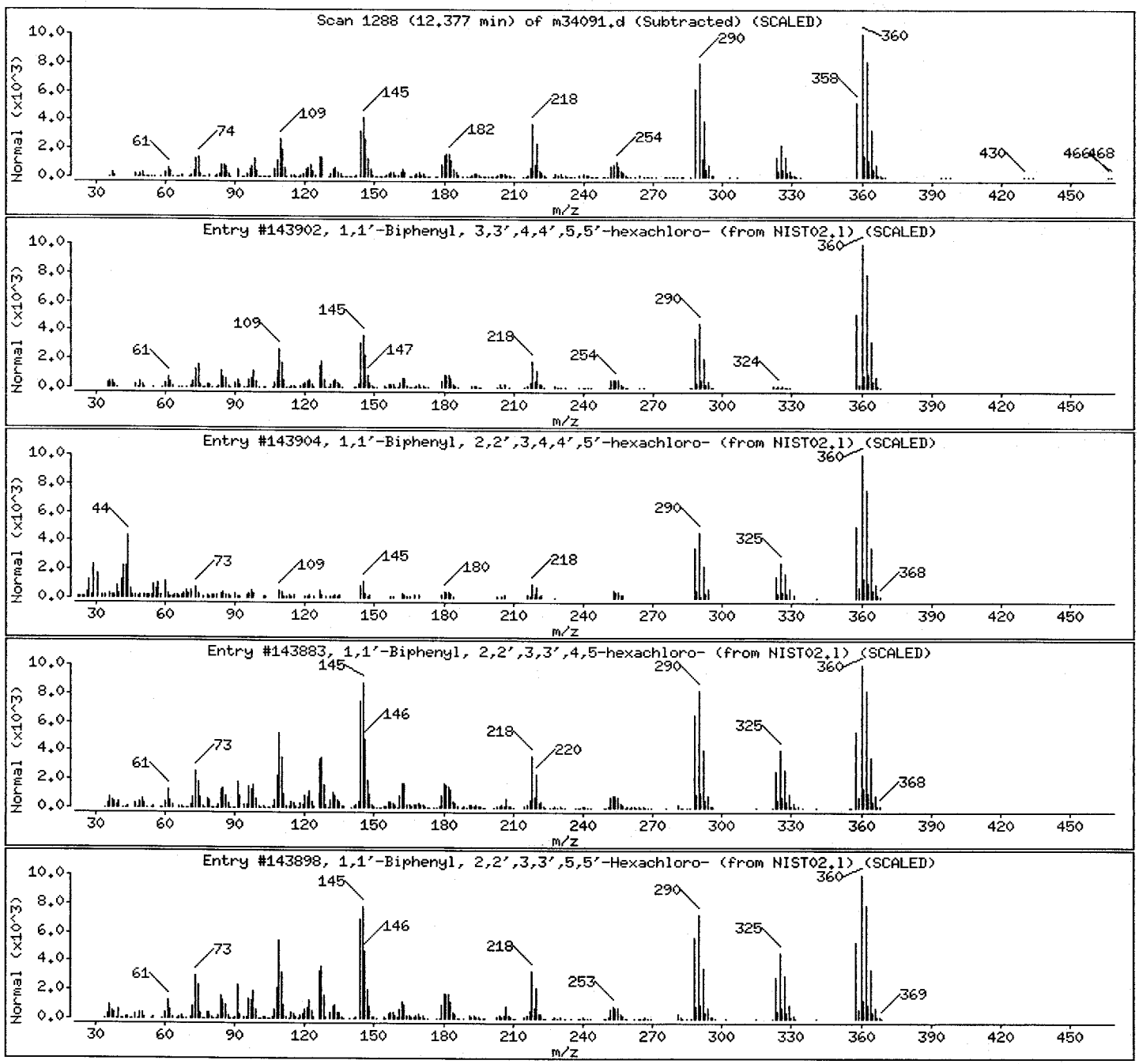
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 3,3',4,4',5,5'-hexachloro	32774-16-6	NIST02.l	143902	98	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	35065-28-2	NIST02.l	143904	97	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,5-hexachloro-	55215-18-4	NIST02.l	143883	95	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',5,5'-Hexachloro	35694-04-3	NIST02.l	143898	91	C12H4Cl6	358



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Date : 08-APR-2008 12:27

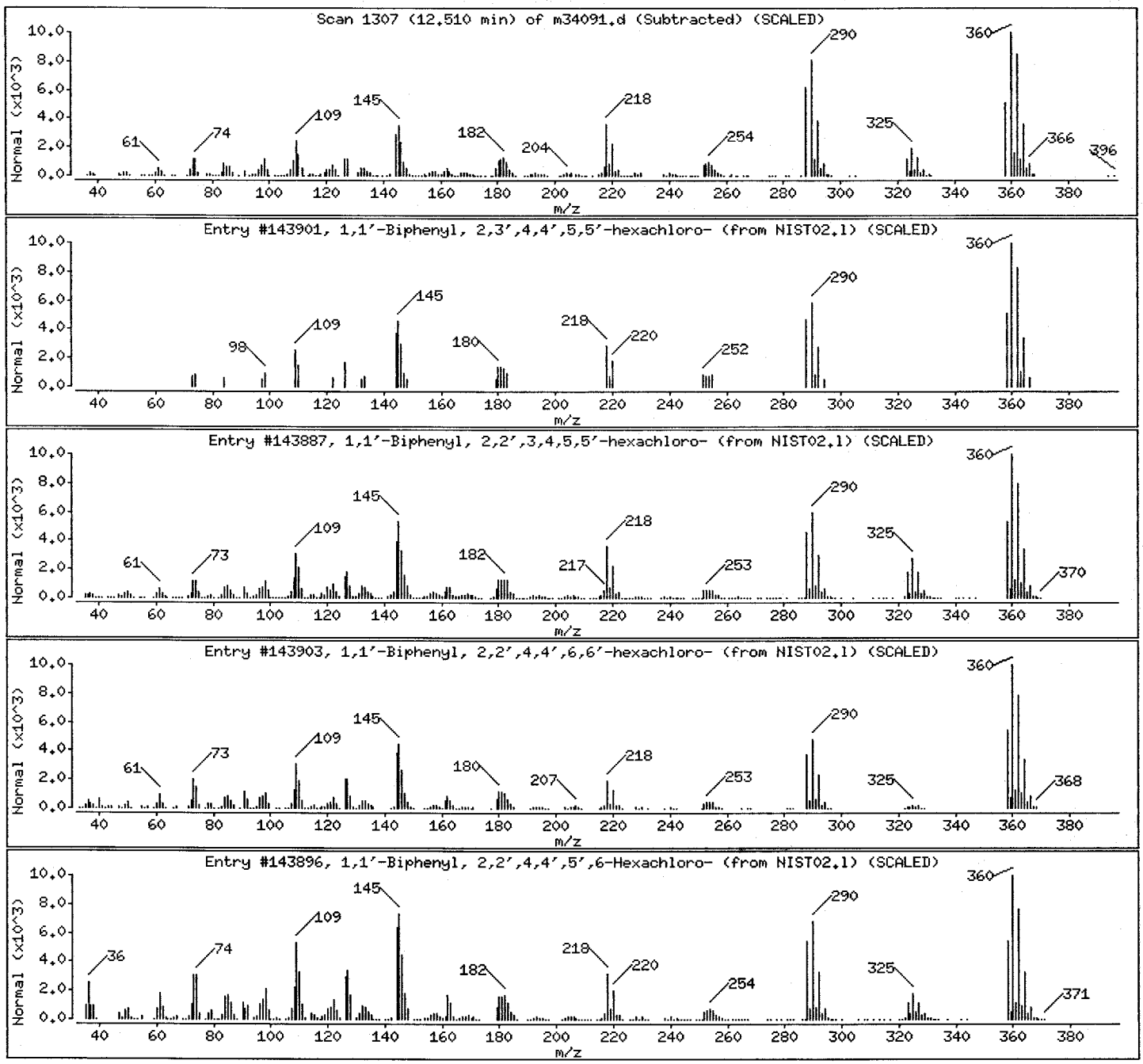
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3',4,4',5,5'-hexachloro	52663-72-6	NIST02.l	143901	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,5,5'-hexachloro-	52712-04-6	NIST02.l	143887	99	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	33979-03-2	NIST02.l	143903	98	C12H4Cl6	358
1,1'-Biphenyl, 2,2',4,4',5',6-Hexachloro	60145-22-4	NIST02.l	143896	96	C12H4Cl6	358



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Date : 08-APR-2008 12:27

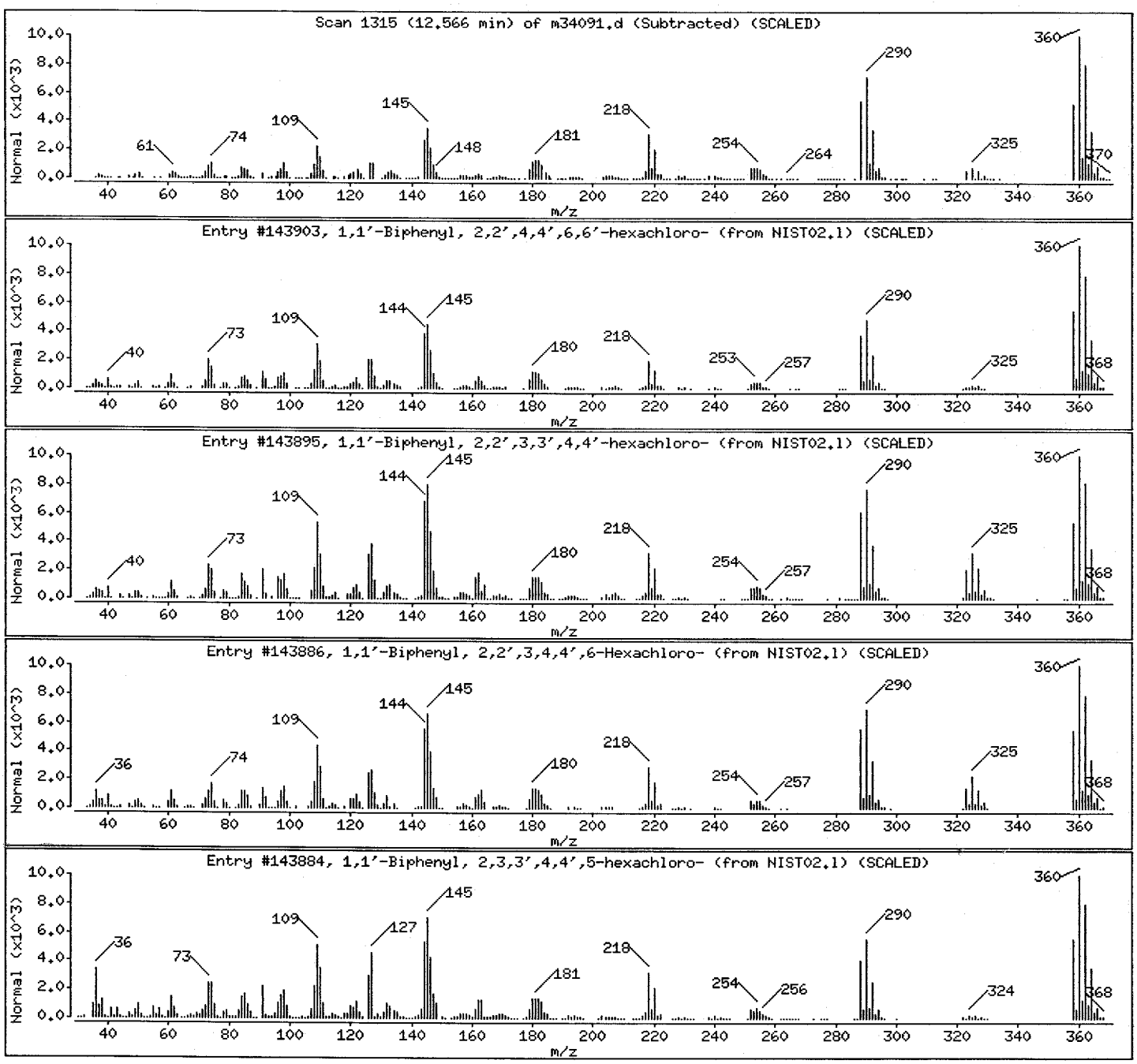
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',4,4',6,6'-hexachloro	33979-03-2	NIST02.l	143903	98	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,3',4,4'-hexachloro	38380-07-3	NIST02.l	143895	95	C12H4Cl6	358
1,1'-Biphenyl, 2,2',3,4,4',6-Hexachloro-	56030-56-9	NIST02.l	143886	95	C12H4Cl6	358
1,1'-Biphenyl, 2,3,3',4,4',5-hexachloro-	38380-08-4	NIST02.l	143884	95	C12H4Cl6	358



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Date : 08-APR-2008 12:27

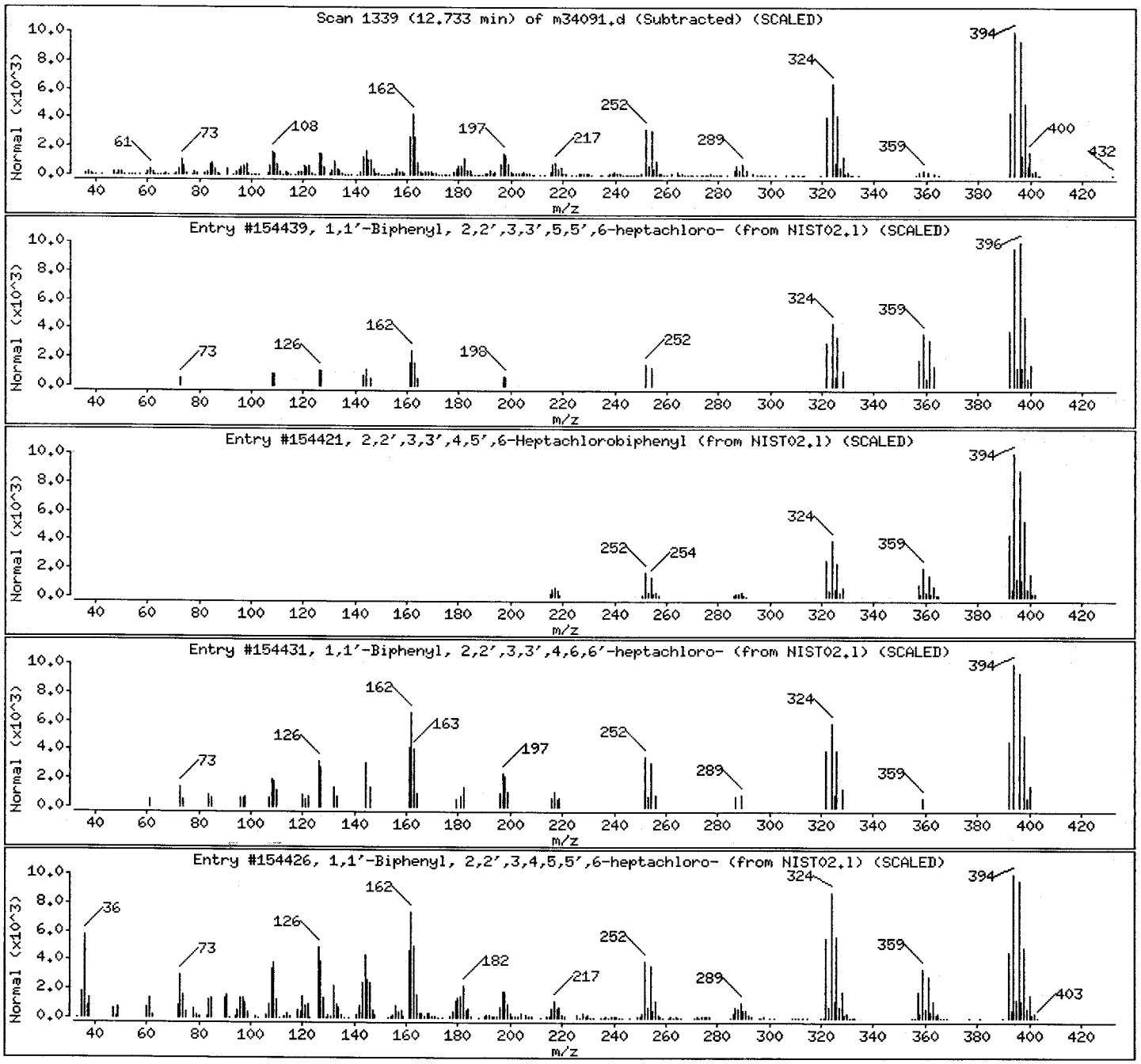
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	98	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	96	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	52663-65-7	NIST02.l	154431	95	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,5,5',6-heptachlo	52712-05-7	NIST02.l	154426	93	C12H3Cl7	392



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Date : 08-APR-2008 12:27

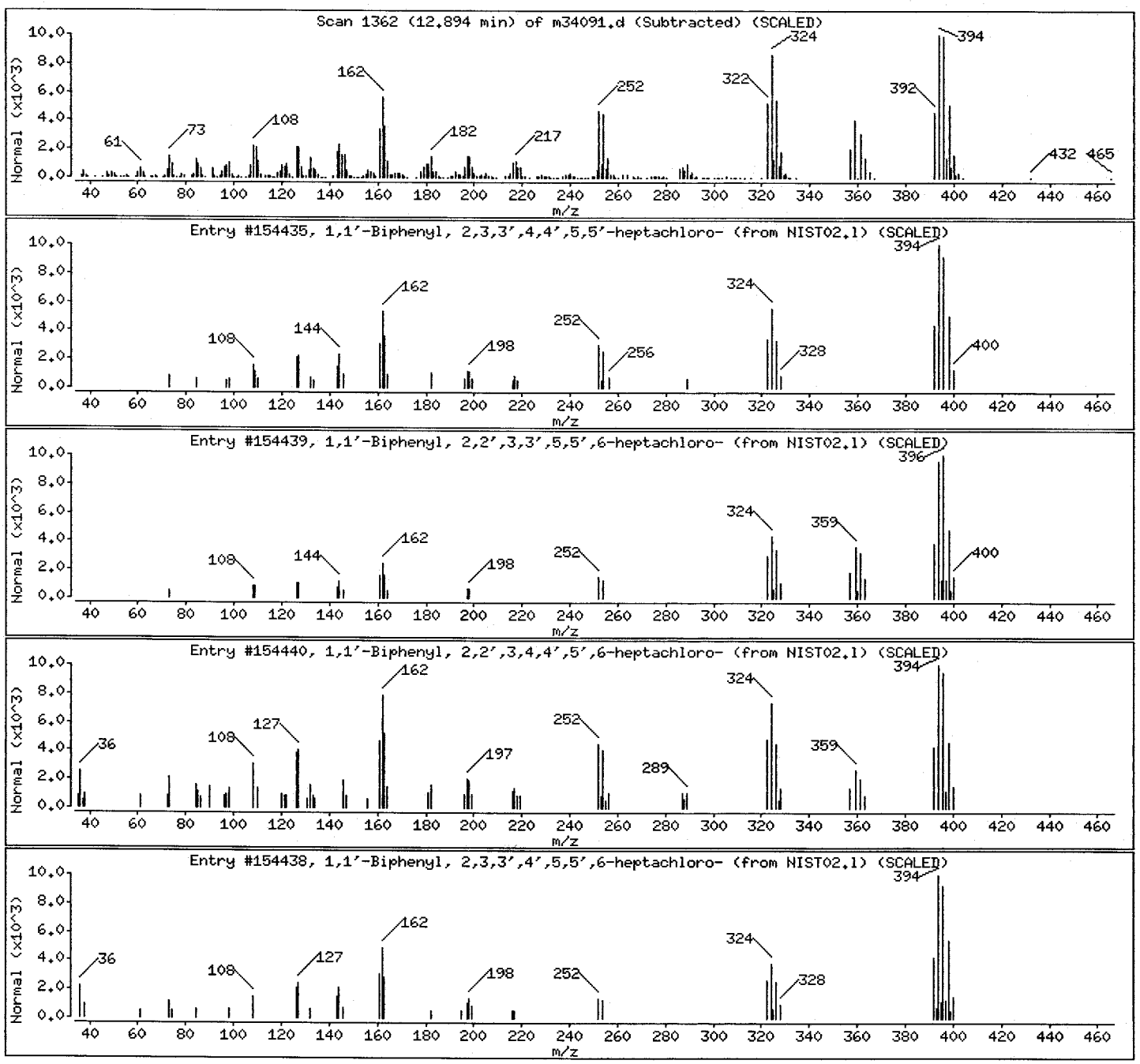
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5',6-heptachl	52663-69-1	NIST02.l	154440	98	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4',5,5',6-heptachl	69782-91-8	NIST02.l	154438	97	C12H3Cl7	392



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Date : 08-APR-2008 12:27

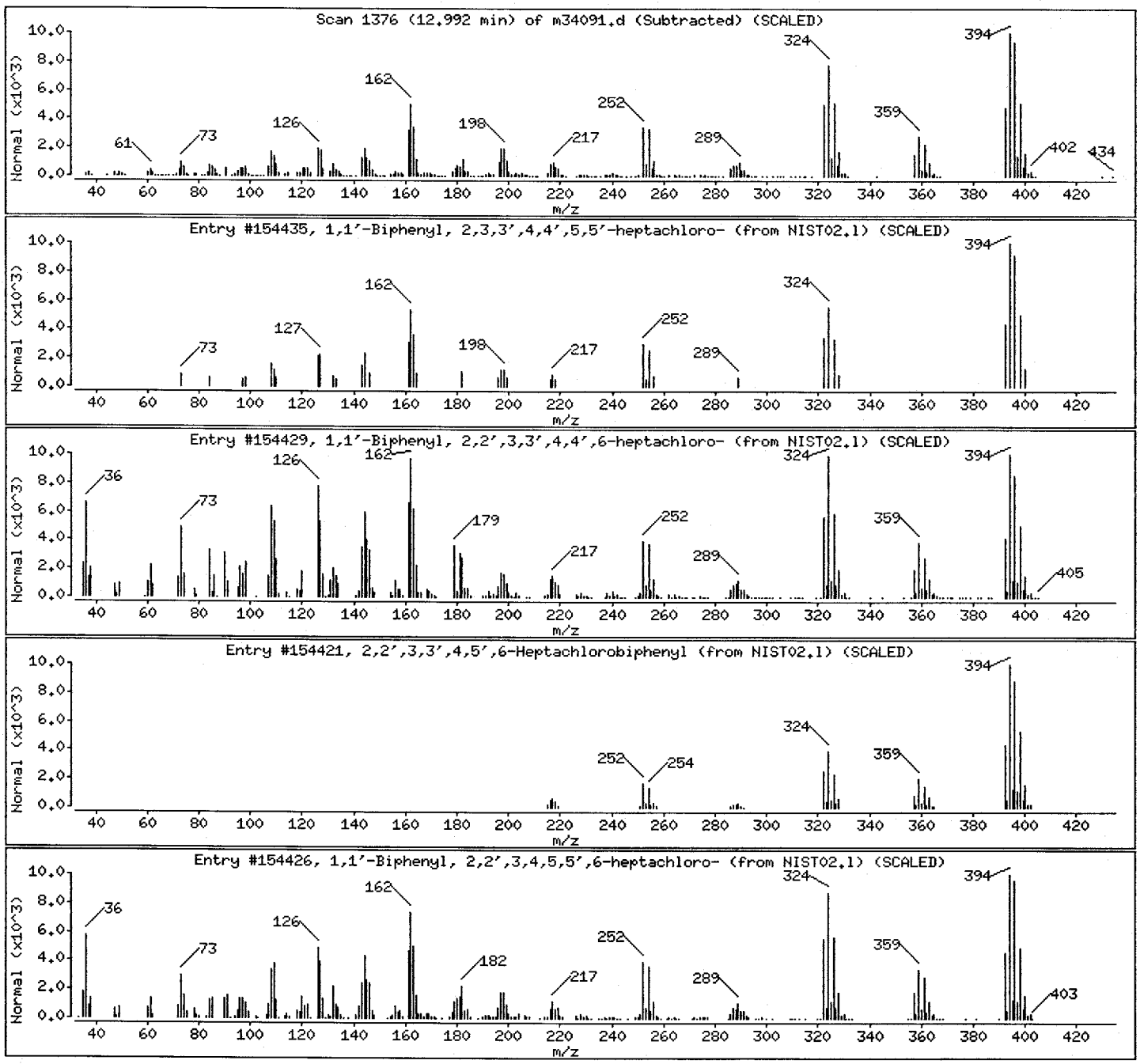
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',4,4',6-heptachl	52663-71-5	NIST02.l	154429	98	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,5,5',6-heptachlo	52712-05-7	NIST02.l	154426	98	C12H3Cl7	392



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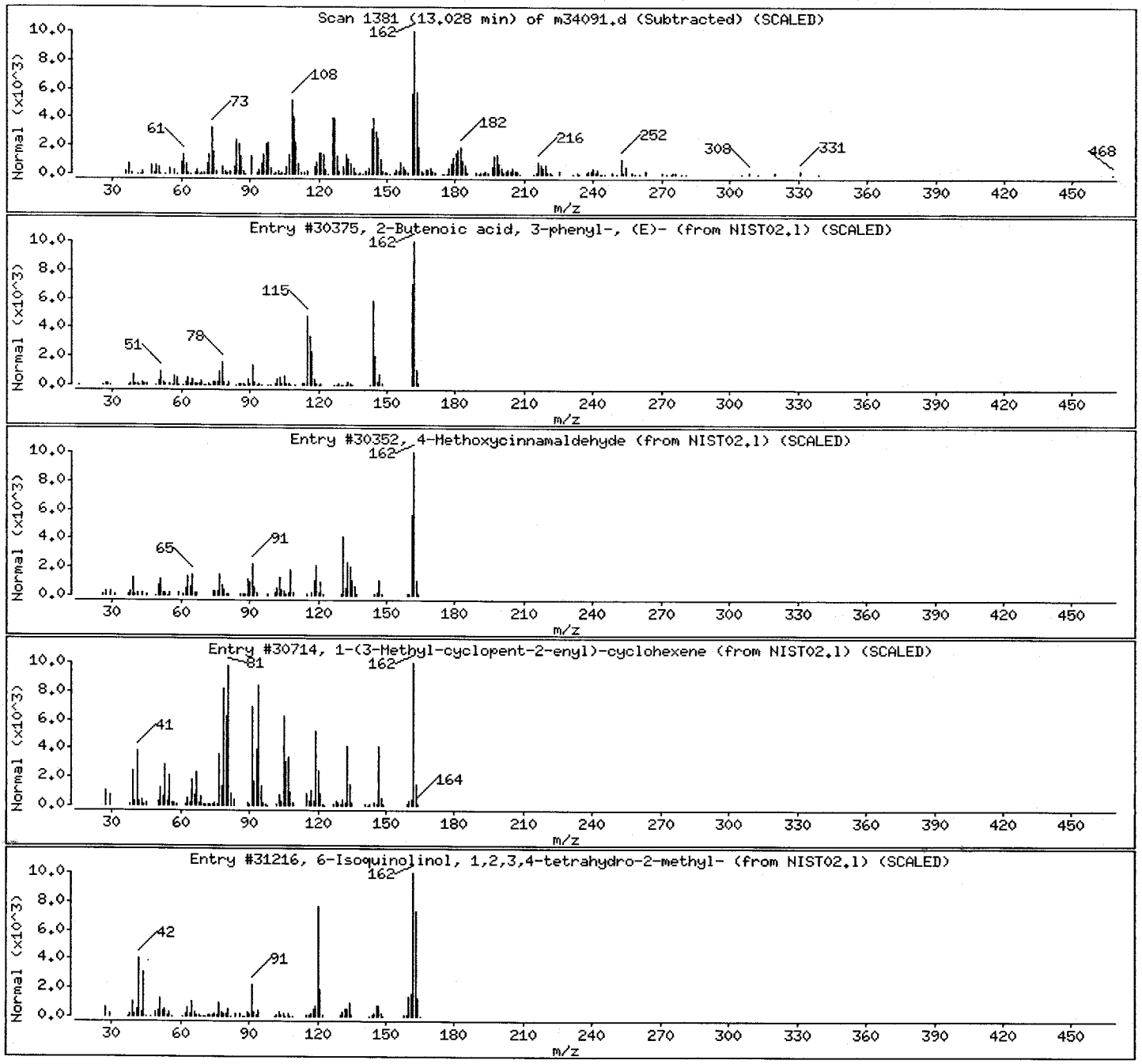
Date : 08-APR-2008 12:27

Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Butenoic acid, 3-phenyl-, (E)-	704-80-3	NIST02.l	30375	30	C10H10O2	162
4-Methoxycinnamaldehyde	1963-36-6	NIST02.l	30352	25	C10H10O2	162
1-(3-Methyl-cyclopent-2-enyl)-cyclohexen	1000185-30-7	NIST02.l	30714	25	C12H18	162
6-Isoquinolinol, 1,2,3,4-tetrahydro-2-me	14097-39-3	NIST02.l	31216	22	C10H13NO	163



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Date : 08-APR-2008 12:27

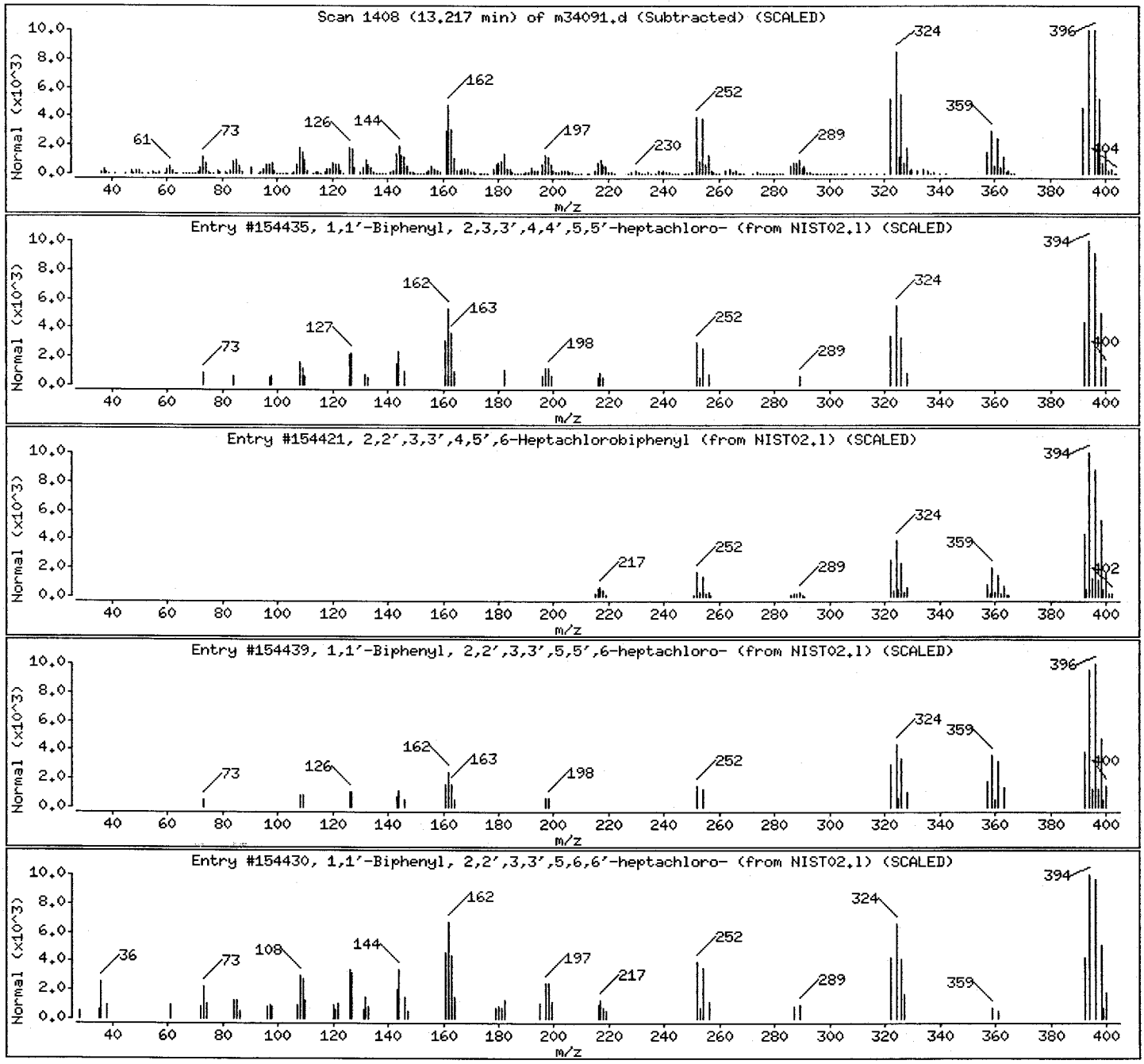
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	99	C12H3Cl7	392
2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	NIST02.l	154421	97	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,5',6-heptachl	52663-67-9	NIST02.l	154439	95	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,3',5,6,6'-heptachl	52663-64-6	NIST02.l	154430	94	C12H3Cl7	392



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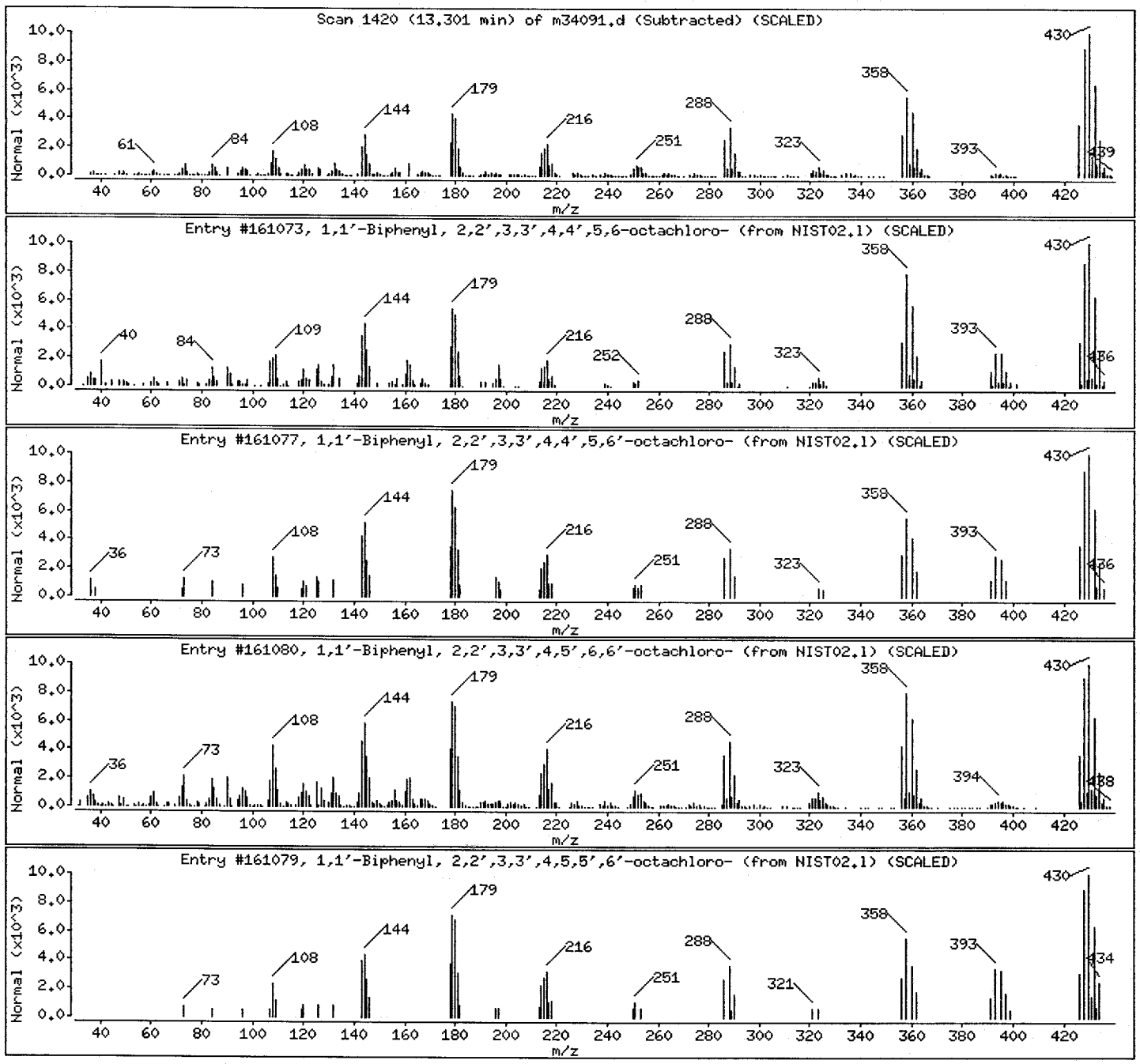
Date : 08-APR-2008 12:27

Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	93	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octac	40186-71-8	NIST02.l	161080	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	91	C12H2Cl8	426



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Date : 08-APR-2008 12:27

Client ID: 032608-1445

Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	93	C12H2Cl8	426
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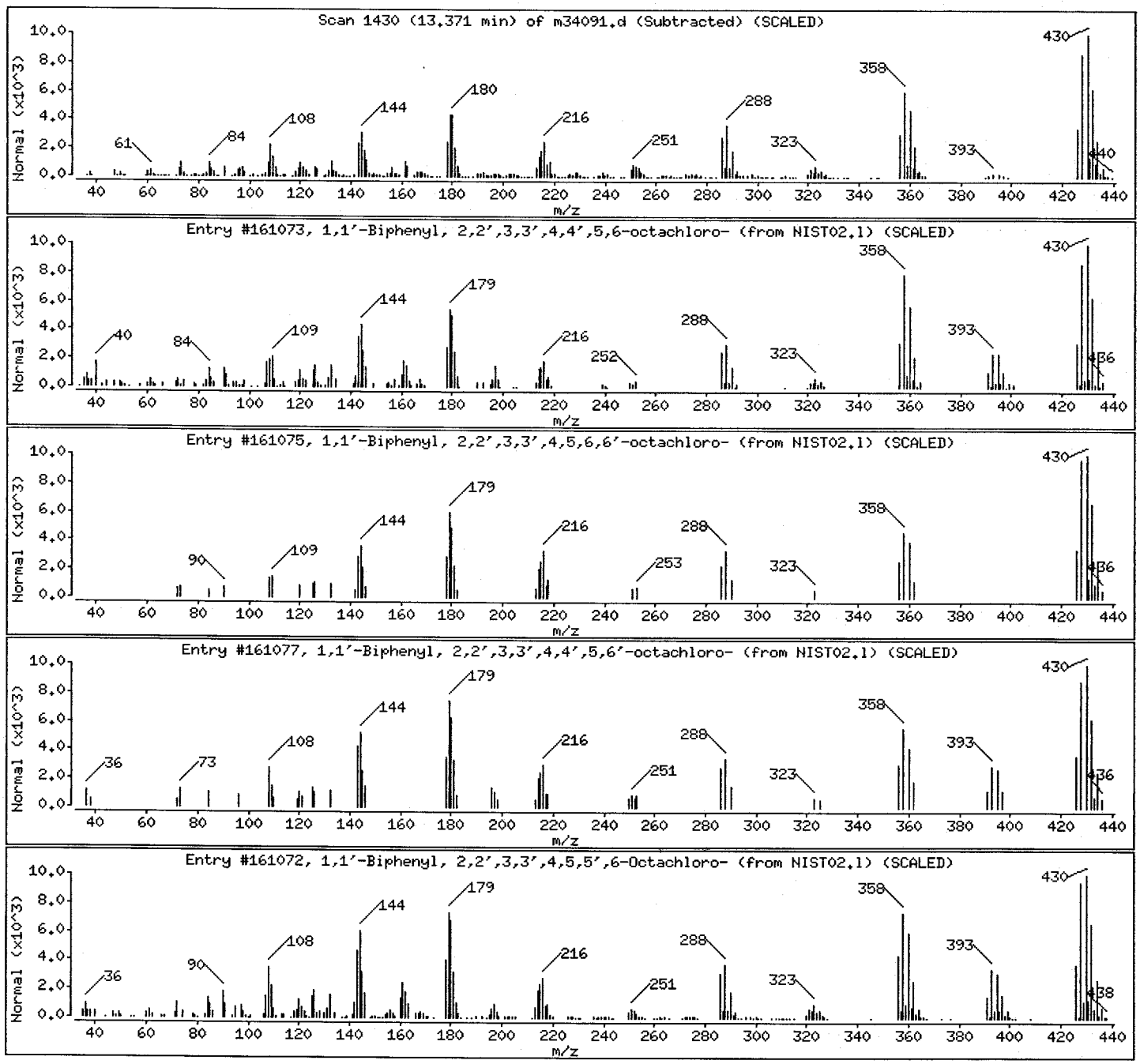

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Date : 08-APR-2008 12:27

Client ID: 032608-1445

Instrument: BNAMS6.i

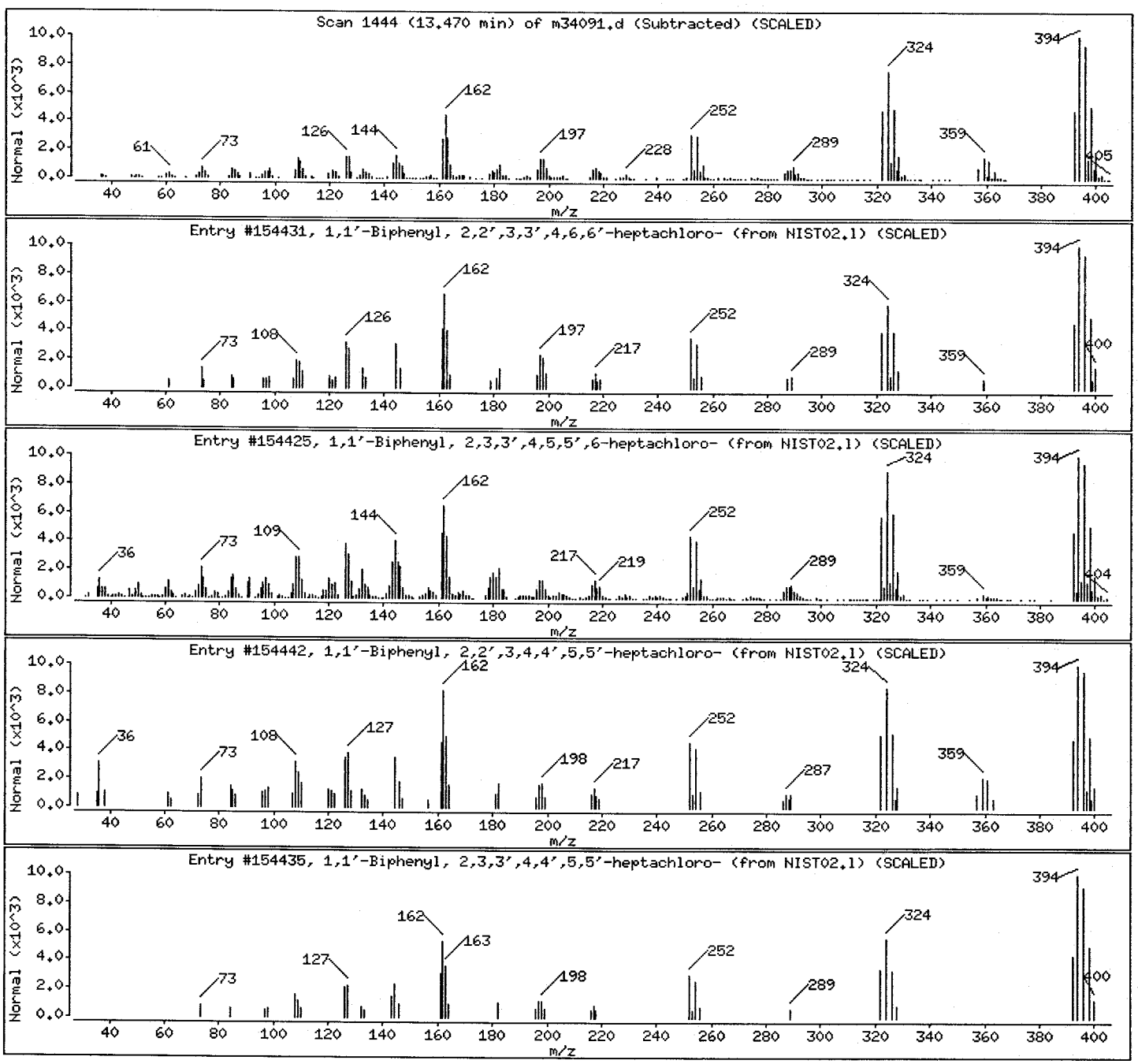
Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,6,6'-heptachl	52663-65-7	NIST02.l	154431	98	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4,5,5',6-heptachlo	74472-51-8	NIST02.l	154425	98	C12H3Cl7	392
1,1'-Biphenyl, 2,2',3,4,4',5,5'-heptachl	35065-29-3	NIST02.l	154442	93	C12H3Cl7	392
1,1'-Biphenyl, 2,3,3',4,4',5,5'-heptachl	39635-31-9	NIST02.l	154435	93	C12H3Cl7	392



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34091.d

Date : 08-APR-2008 12:27

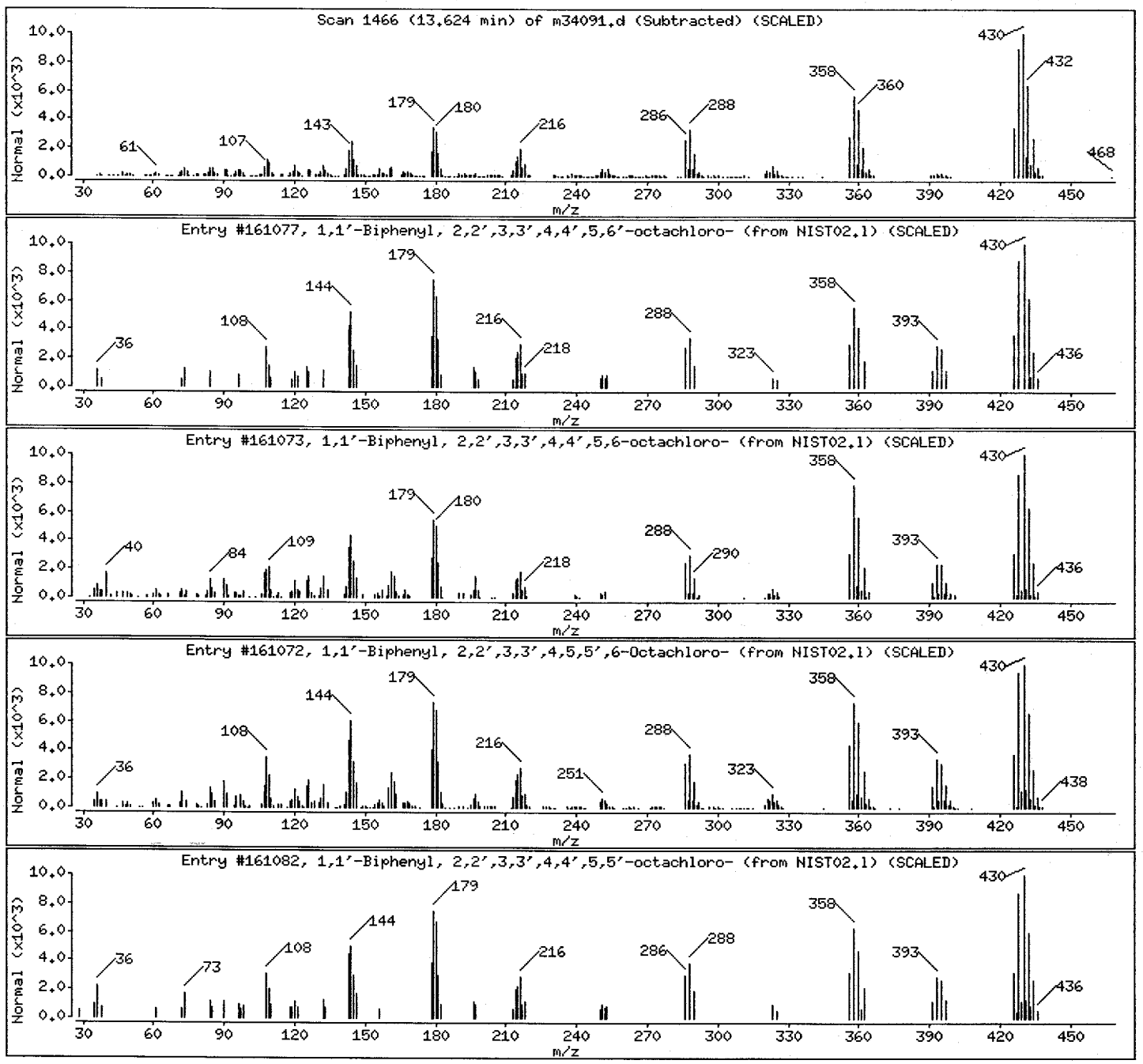
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octac	42740-50-1	NIST02.l	161077	97	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	94	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6-Octach	68194-17-2	NIST02.l	161072	94	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	94	C12H2Cl8	426



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34091.d

Date : 08-APR-2008 12:27

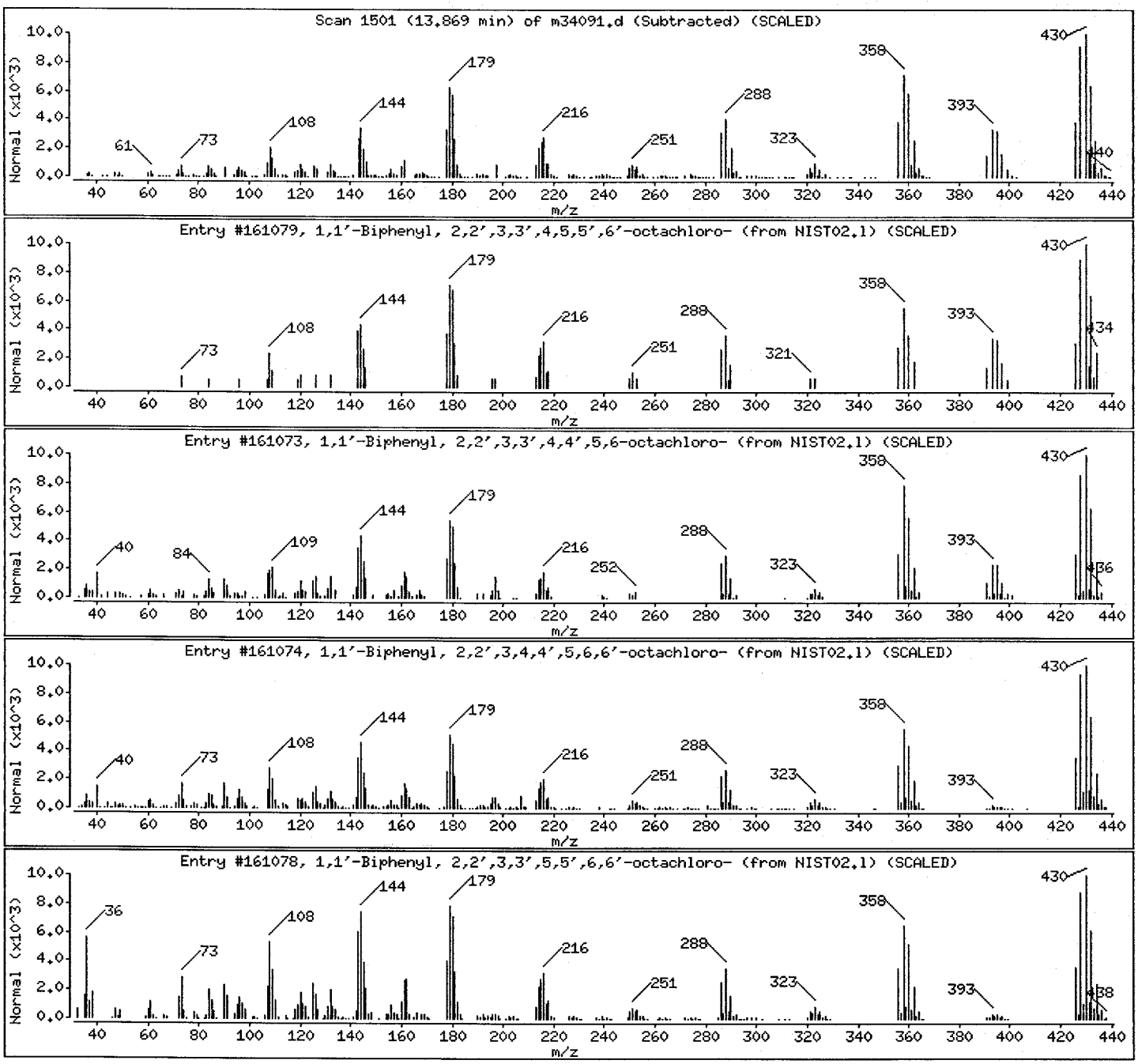
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,5',6'-octac	52663-75-9	NIST02.l	161079	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-octach	74472-52-9	NIST02.l	161074	96	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	91	C12H2C18	426



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34091.d

Date : 08-APR-2008 12:27

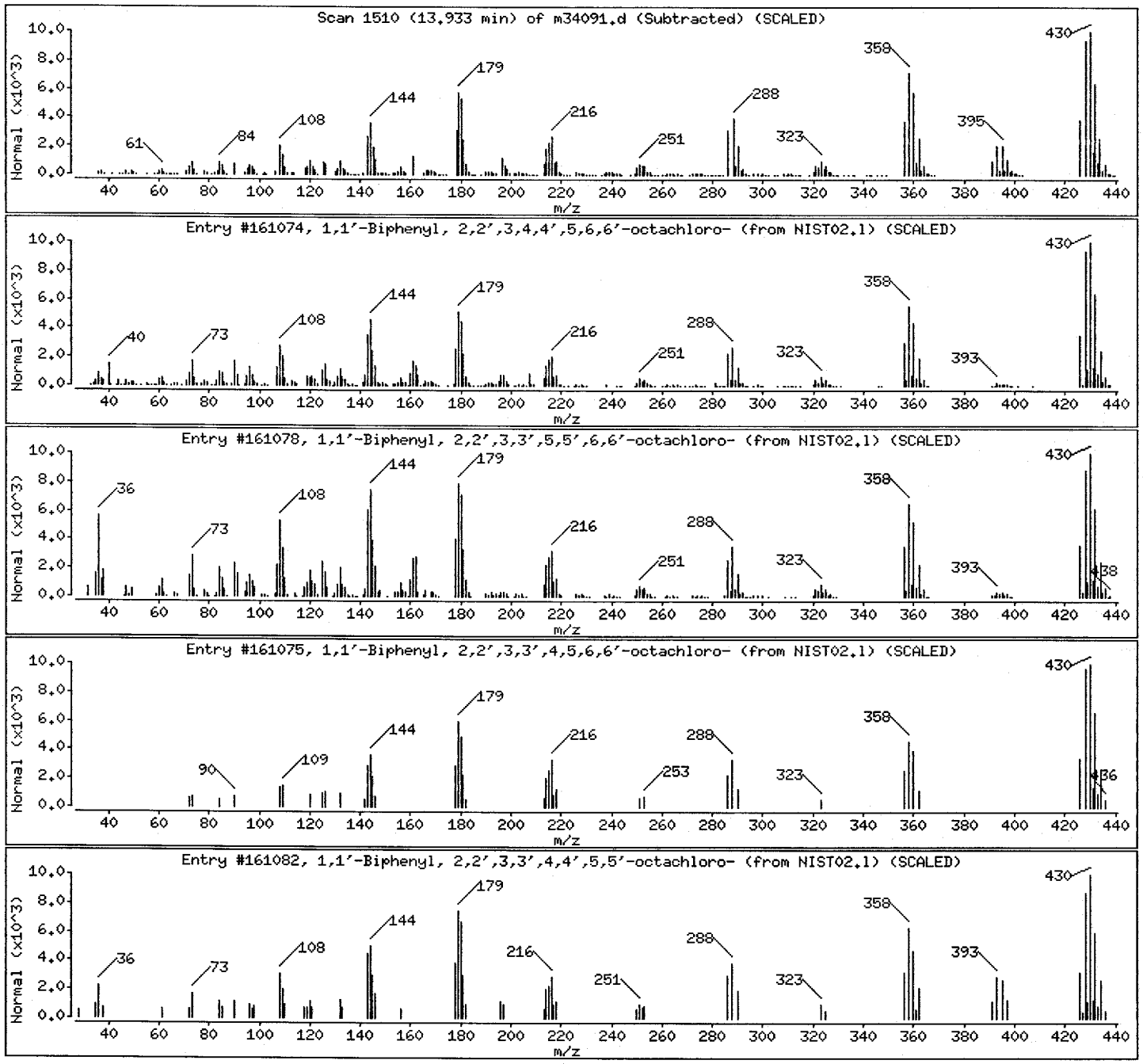
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-octach	74472-52-9	NIST02.l	161074	98	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	87	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octach	52663-73-7	NIST02.l	161075	83	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	76	C12H2C18	426



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Date : 08-APR-2008 12:27

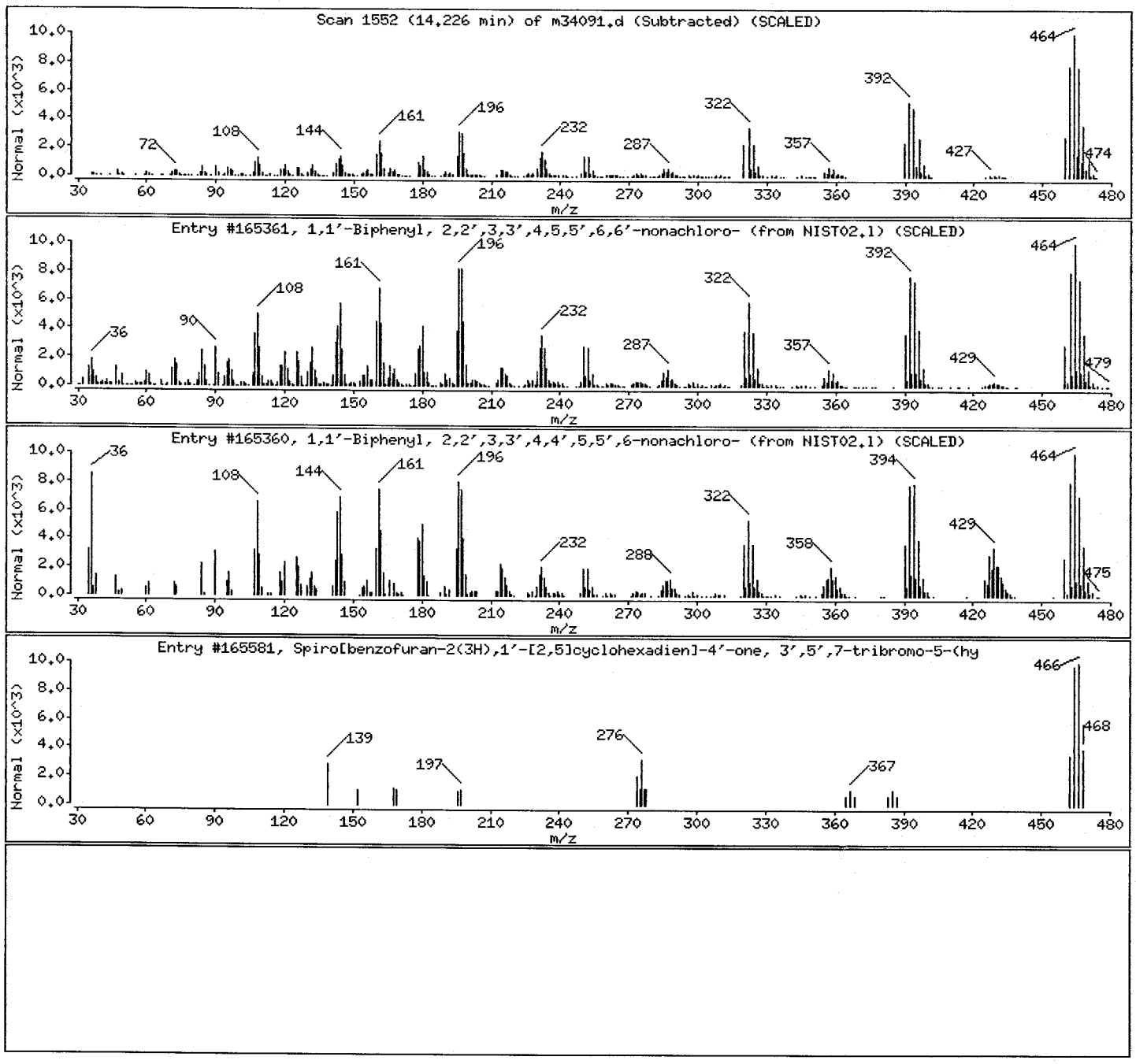
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Nonylchloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,5,5',6,6'-non	52663-77-1	NIST02.l	165361	74	C12HCl9	460
1,1'-Biphenyl, 2,2',3,3',4,4',5,5',6-non	40186-72-9	NIST02.l	165360	68	C12HCl9	460
Spiro[benzofuran-2(3H),1'-[2,5]cyclohexa	52498-93-8	NIST02.l	165581	38	C14H9Br3O3	462



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Date : 08-APR-2008 12:27

Client ID: 032608-1445

Instrument: BNAMS6.i

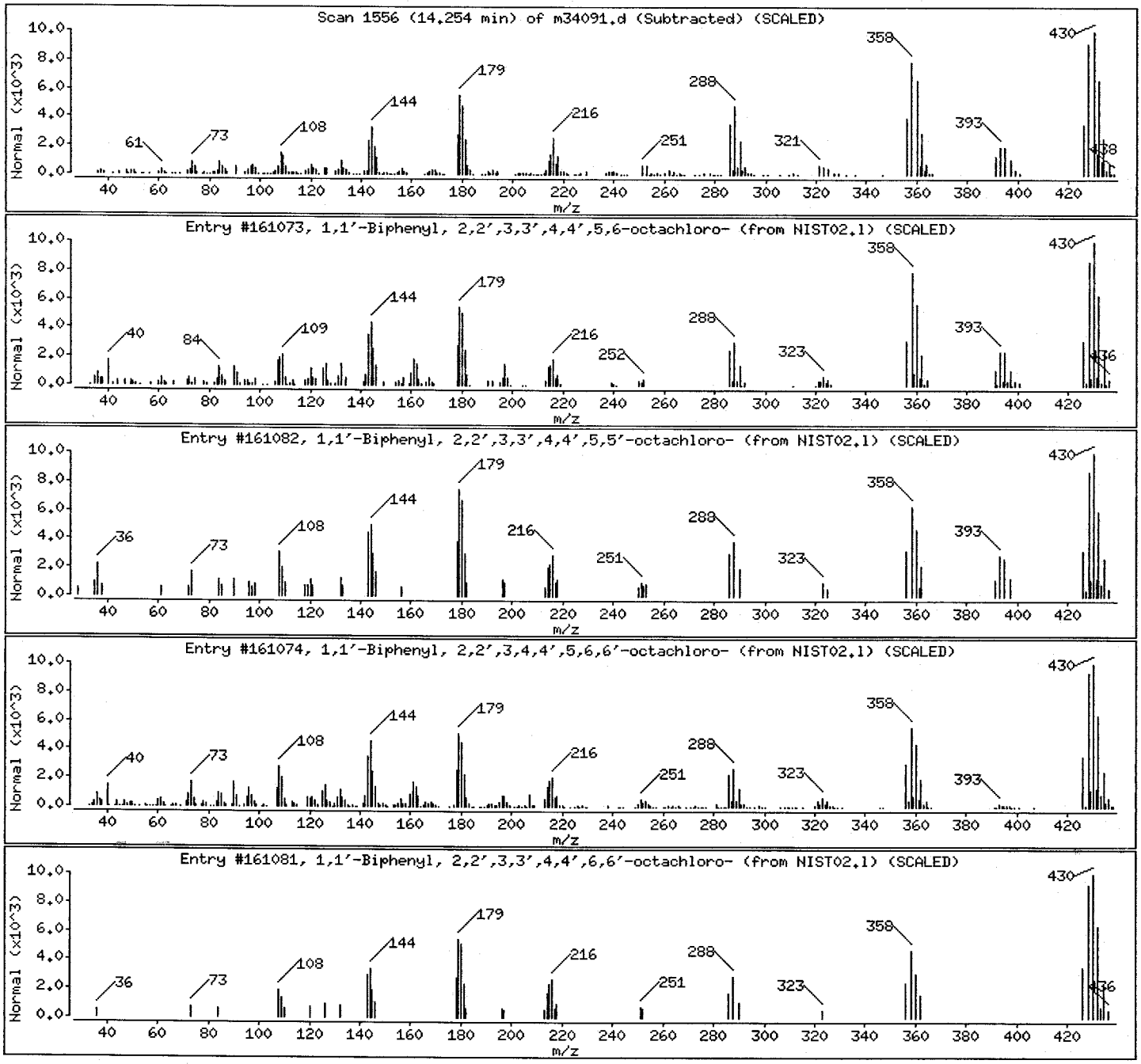
Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	99	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	94	C12H2C18	426
1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-octach	74472-52-9	NIST02.l	161074	93	C12H2C18	426
1,1'-Biphenyl, 2,2',3,3',4,4',6,6'-octac	33091-17-7	NIST02.l	161081	90	C12H2C18	426



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34091.d

Date : 08-APR-2008 12:27

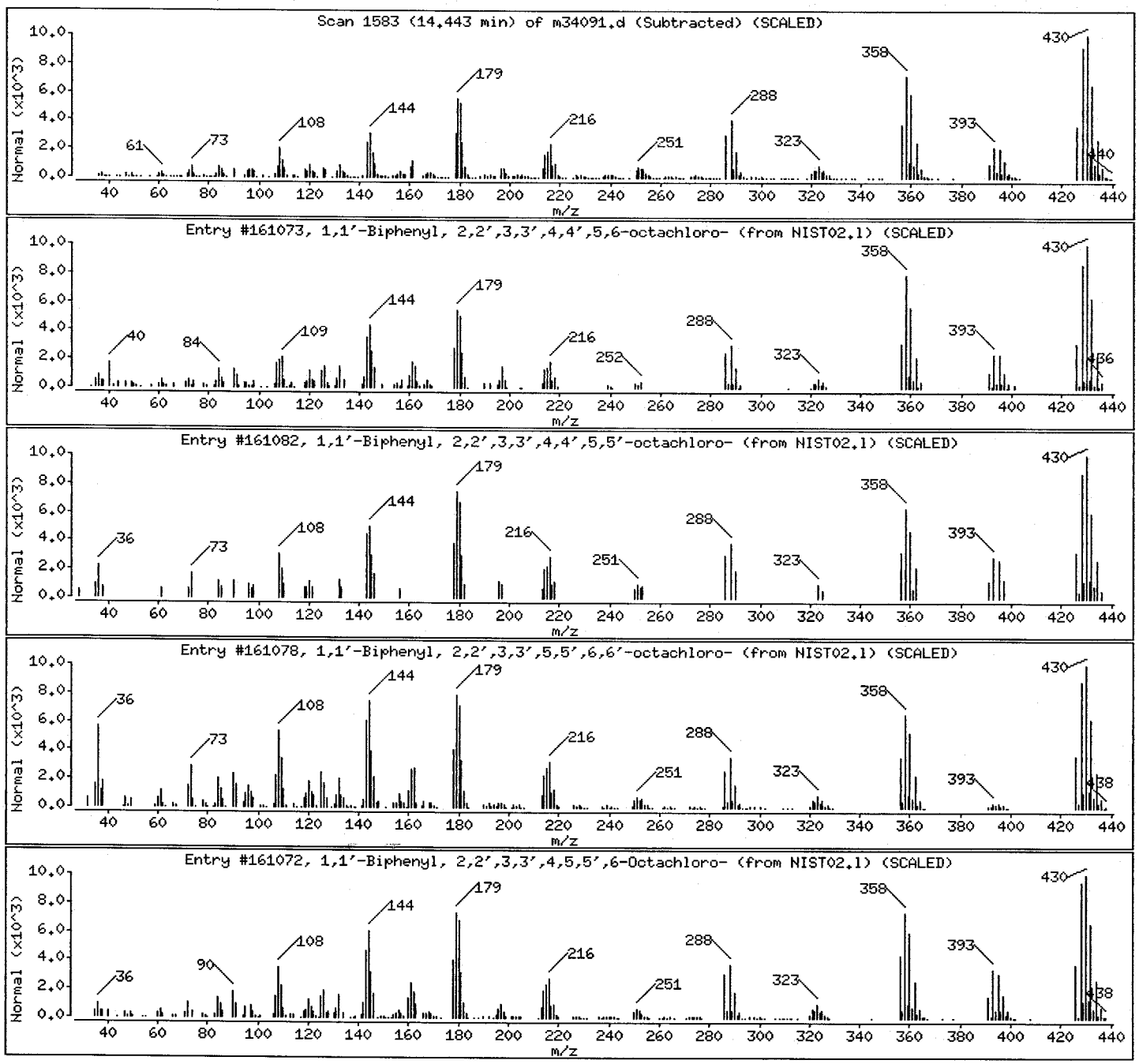
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,6-octach	52663-78-2	NIST02.l	161073	99	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,4',5,5'-octac	35694-08-7	NIST02.l	161082	97	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',5,5',6,6'-octac	2136-99-4	NIST02.l	161078	91	C12H2Cl8	426
1,1'-Biphenyl, 2,2',3,3',4,5,5',6-Octach	68194-17-2	NIST02.l	161072	91	C12H2Cl8	426



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34091.d

Date : 08-APR-2008 12:27

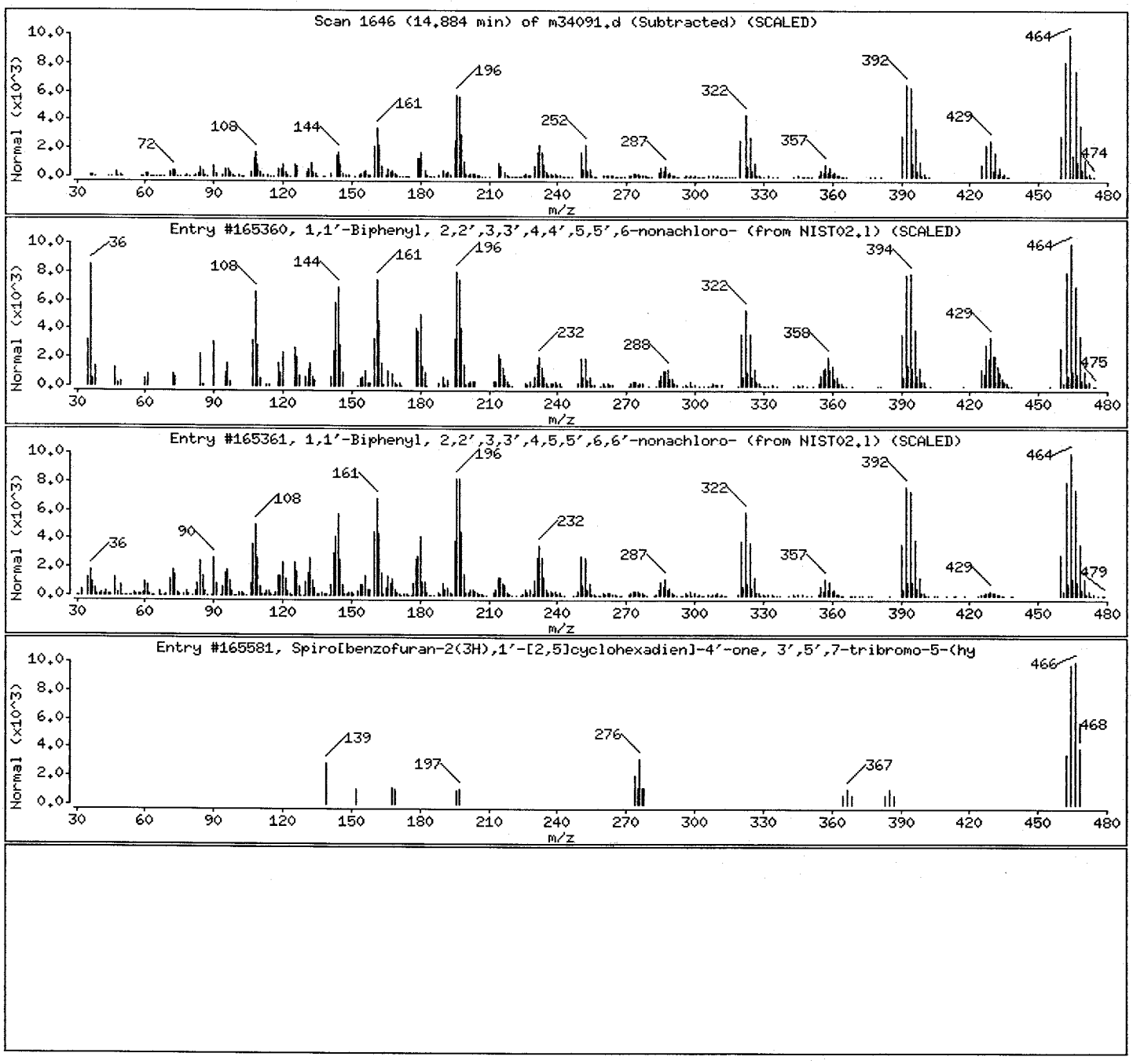
Client ID: 032608-1445 Instrument: BNAMS6.i

Sample Info: 908705;4225904

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Nonylchloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,2',3,3',4,4',5,5',6-non	40186-72-9	NIST02.l	165360	87	C12HCl9	460
1,1'-Biphenyl, 2,2',3,3',4,5,5',6,6'-non	52663-77-1	NIST02.l	165361	60	C12HCl9	460
Spiro[benzofuran-2(3H),1'-[2,5]cyclohexa	52498-93-8	NIST02.l	165581	35	C14H9Br3O3	462



Client ID: **032608-1505**
Site: BP Hastings

Lab Sample No: **908706**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34093.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 26

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	450
2-Chlorophenol	ND	450
2-Methylphenol	ND	450
4-Methylphenol	26 J	450
2-Nitrophenol	ND	450
2,4-Dimethylphenol	ND	450
2,4-Dichlorophenol	ND	450
4-Chloro-3-methylphenol	ND	450
2,4,6-Trichlorophenol	ND	450
2,4,5-Trichlorophenol	ND	450
2,4-Dinitrophenol	ND	1300
4-Nitrophenol	ND	1300
4,6-Dinitro-2-methylphenol	ND	1300
Pentachlorophenol	ND	1300

Client ID: **032608-1505**
Site: BP Hastings

Lab Sample No: **908706**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34093.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 26

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	45
1,3-Dichlorobenzene	ND	450
1,4-Dichlorobenzene	ND	450
1,2-Dichlorobenzene	ND	450
bis(2-chloroisopropyl)ether	ND	450
N-Nitroso-di-n-propylamine	ND	45
Hexachloroethane	ND	45
Nitrobenzene	ND	45
Isophorone	ND	450
bis(2-Chloroethoxy)methane	ND	450
1,2,4-Trichlorobenzene	ND	45
Naphthalene	56 J	450
4-Chloroaniline	ND	450
Hexachlorobutadiene	ND	90
2-Methylnaphthalene	ND	450
Hexachlorocyclopentadiene	ND	450
2-Chloronaphthalene	ND	450
2-Nitroaniline	ND	900
Dimethylphthalate	ND	450
Acenaphthylene	ND	450
2,6-Dinitrotoluene	ND	90
3-Nitroaniline	ND	900
Acenaphthene	16 J	450
Dibenzofuran	ND	450
2,4-Dinitrotoluene	ND	90
Diethylphthalate	ND	450
4-Chlorophenyl-phenylether	ND	450
Fluorene	13 J	450
4-Nitroaniline	ND	900
N-Nitrosodiphenylamine	ND	450
4-Bromophenyl-phenylether	ND	450
Hexachlorobenzene	ND	45
Phenanthrene	67 J	450
Anthracene	19 J	450

Client ID: **032608-1505**
Site: BP Hastings

Lab Sample No: **908706**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34093.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 26

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	450
Di-n-butylphthalate	ND	450
Fluoranthene	78 J	450
Pyrene	100 J	450
Butylbenzylphthalate	ND	450
3,3'-Dichlorobenzidine	ND	900
Benzo(a)anthracene	62	45
Chrysene	84 J	450
bis(2-Ethylhexyl)phthalate	ND	450
Di-n-octylphthalate	ND	450
Benzo(b)fluoranthene	40 J	45
Benzo(k)fluoranthene	50	45
Benzo(a)pyrene	42 J	45
Indeno(1,2,3-cd)pyrene	19 J	45
Dibenz(a,h)anthracene	ND	45
Benzo(g,h,i)perylene	24 J	450

Client ID: **032608-1505**
Site: BP Hastings

Lab Sample No: **908706**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34093.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 25.8

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Unknown	10.99	480	
2.	Unknown	11.15	620	
3.	Unknown	11.26	780	
4.	18-Norabietane	11.36	930	
5.	C18H18 PAH	12.30	1300	
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 4110

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d
Report Date: 10-Apr-2008 20:41

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d
Lab Smp Id: 908706 Client Smp ID: 032608-1505
Inj Date : 08-APR-2008 13:15
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : 908706;4225905
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS6.i/8270/04-02-08/08apr08.b/8270C_08.m
Meth Date : 09-Apr-2008 09:19 monica Quant Type: ISTD
Cal Date : 02-APR-2008 22:21 Cal File: m33969.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50

WB

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	25.80000	% Moisture

Cpnd Variable Local Compound Variable

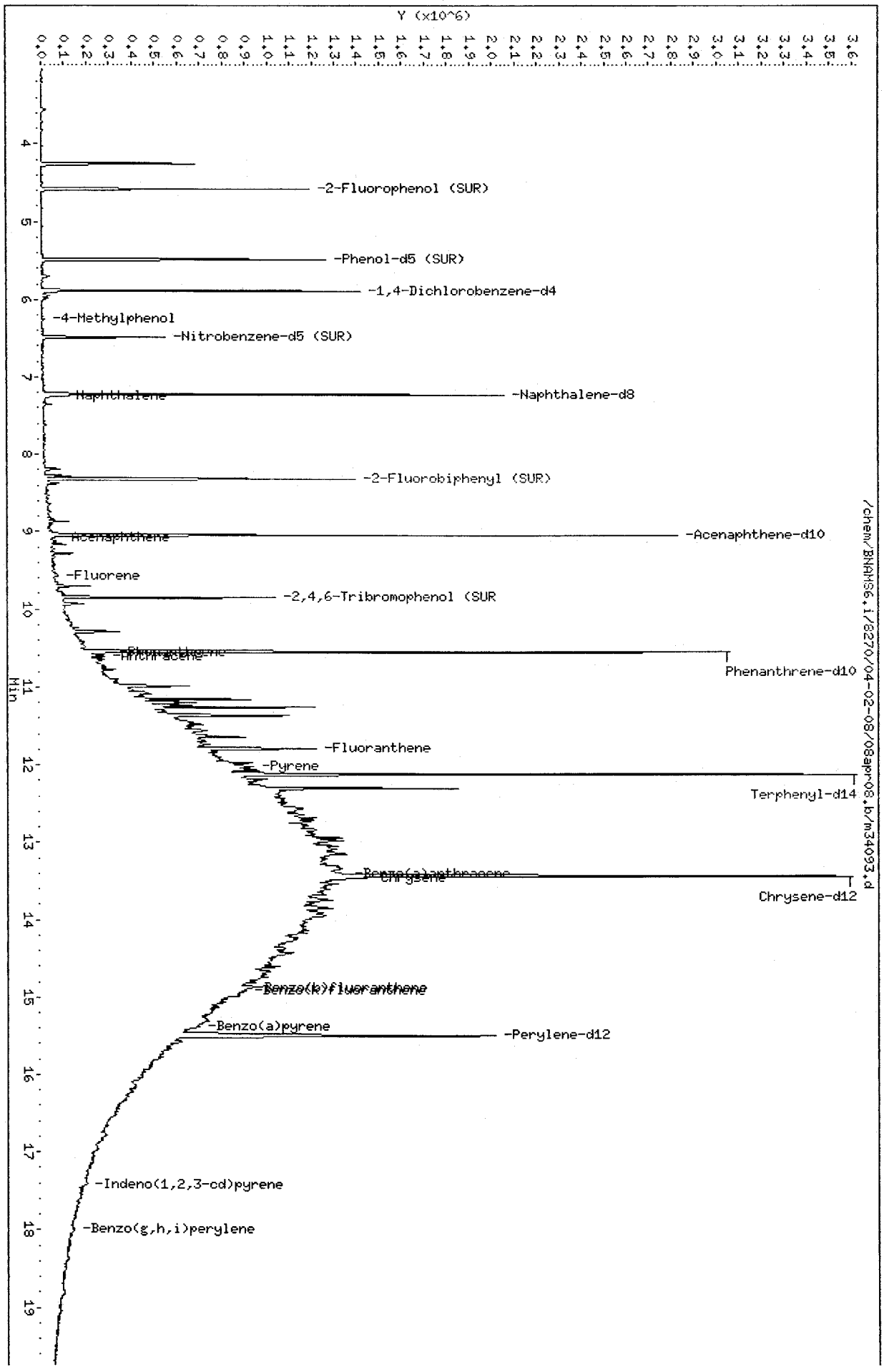
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.581	4.578	(0.778)	380329	50.9386	4600
$ 17 Phenol-d5 (SUR)	99	5.487	5.497	(0.932)	502680	50.6793	4600
* 79 1,4-Dichlorobenzene-d4	152	5.889	5.891	(1.000)	239526	40.0000	
4 4-Methylphenol	108	6.261	6.281	(1.063)	2345	0.28722	26(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.485	6.502	(0.898)	200366	21.7999	2000
* 80 Naphthalene-d8	136	7.225	7.228	(1.000)	1069952	40.0000	
31 Naphthalene	128	7.246	7.251	(1.003)	16660	0.62988	56(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.312	8.322	(0.919)	498888	24.9771	2200
* 82 Acenaphthene-d10	164	9.045	9.053	(1.000)	673837	40.0000	
42 Acenaphthene	154	9.074	9.083	(1.003)	3324	0.17978	16(a)
47 Fluorene	166	9.578	9.588	(1.059)	2928	0.14076	13(a)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.851	9.854	(1.089)	107179	26.3706	2400
* 83 Phenanthrene-d10	188	10.542	10.549	(1.000)	1128714	40.0000	
52 Phenanthrene	178	10.563	10.571	(1.002)	25383	0.74399	67(a)

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d
Report Date: 10-Apr-2008 20:41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	53 Anthracene	178	10.605	10.623	(1.006)	7134	0.20873	19(a)
	56 Fluoranthene	202	11.788	11.782	(1.118)	29418	0.87397	78(a)
	57 Pyrene	202	12.021	12.032	(0.895)	38275	1.15309	100(a)
$	78 Terphenyl-d14	244	12.119	12.119	(0.902)	886245	35.2232	3200
	61 Benzo(a)anthracene	228	13.396	13.402	(0.997)	21158	0.68808	62
*	81 Chrysene-d12	240	13.431	13.429	(1.000)	1201523	40.0000	
	62 Chrysene	228	13.452	13.464	(1.002)	26202	0.94089	84(a)
	65 Benzo(b)fluoranthene	252	14.879	14.893	(0.960)	14014	0.45102	40(aM)
	66 Benzo(k)fluoranthene	252	14.908	14.929	(0.962)	15256	0.55672	50(M)
	67 Benzo(a)pyrene	252	15.385	15.399	(0.993)	11568	0.46262	42(aM)
*	84 Perylene-d12	264	15.491	15.487	(1.000)	882827	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.419	17.463	(1.124)	5245	0.21277	19(a)
	70 Benzo(g,h,i)perylene	276	18.003	18.055	(1.162)	5317	0.26686	24(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.


Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-4-Methylphenol
-Nitrobenzene-d5 (SUR)
Naphthalene
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)
Acenaphthene
-Acenaphthene-d10
-Fluorene
-2,4,6-Tribromophenol (SUR
Anthracene
Phenanthrene-d10
-Fluoranthene
-Pyrene
Terphenyl-d14
Chrysene
Chrysene-d12
Benzo(k)fluoranthene
-Benzo(a)pyrene
-Perylene-d12
-Indeno(1,2,3-cd)pyrene
-Benzo(g,h,i)perylene
Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d
Date : 08-APR-2008 13:15
Client ID: 032608-1505
Sample Info: 908706;4225905
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

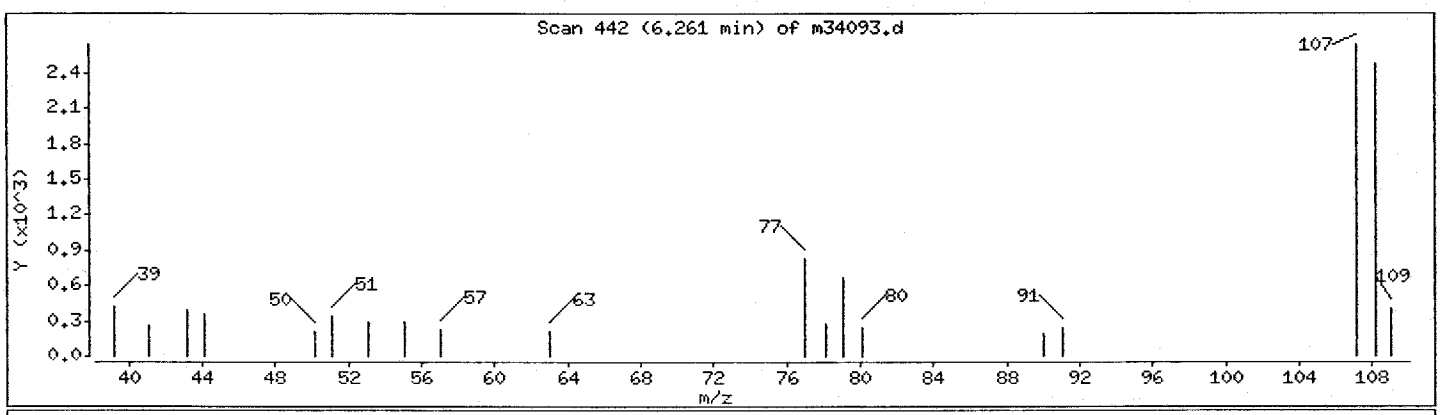
Client ID: 032608-1505 Instrument: BNAMS6.i

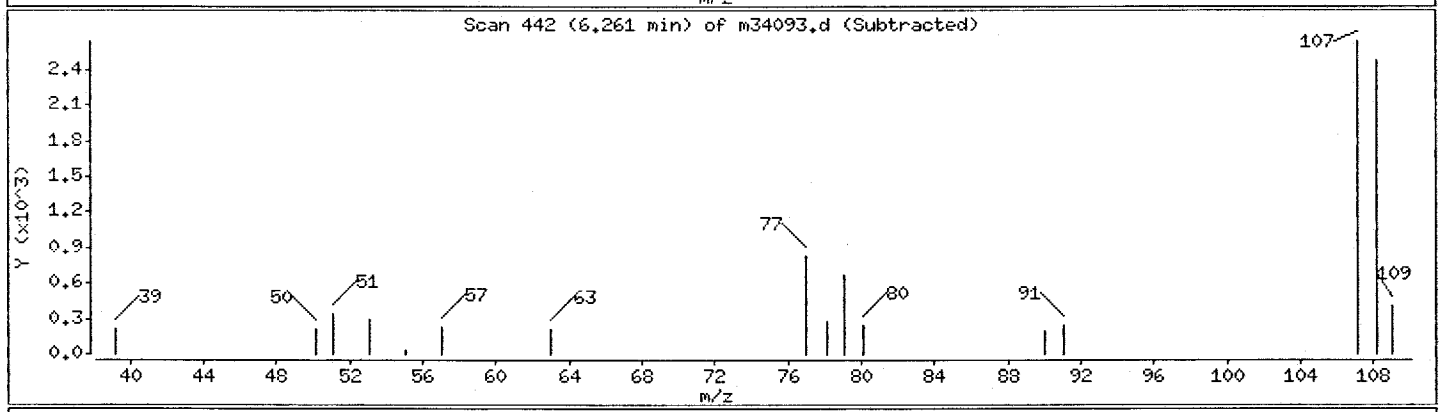
Sample Info: 908706;4225905

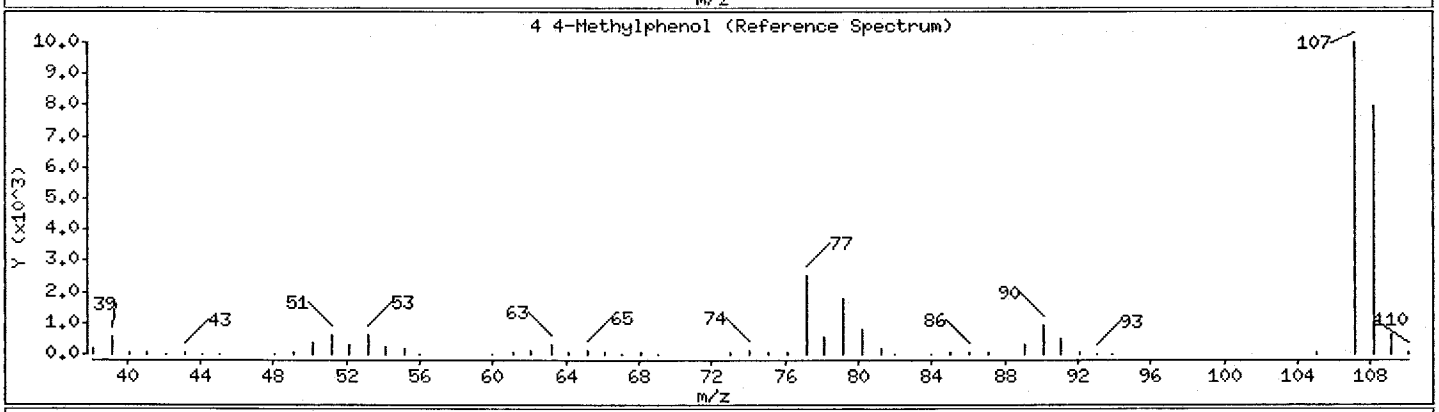
Operator: BNAMS 4

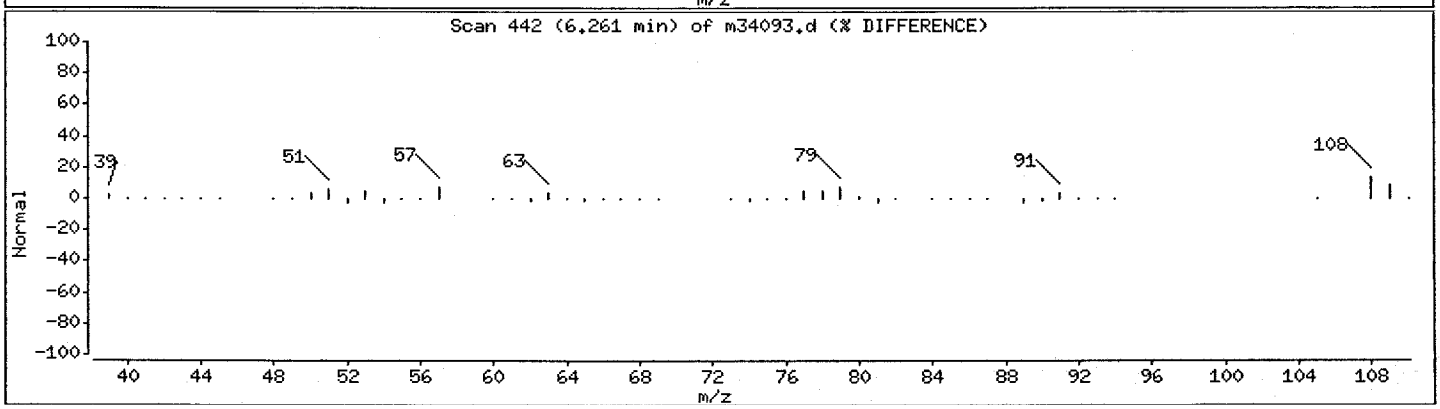
Column phase: DB-5 Column diameter: 0.25

4 4-Methylphenol Concentration: 26 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

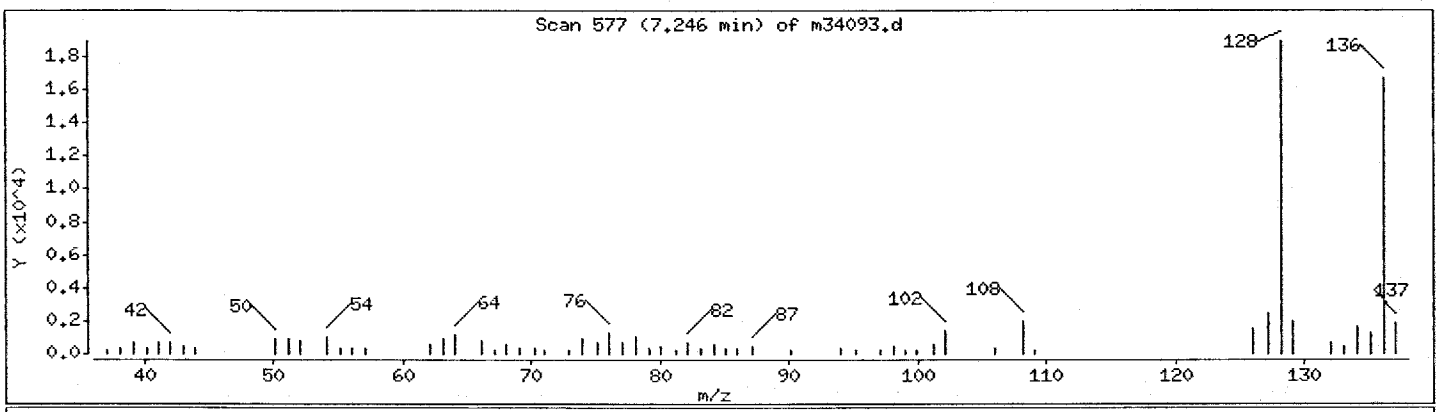
Client ID: 032608-1505 Instrument: BNAMS6.i

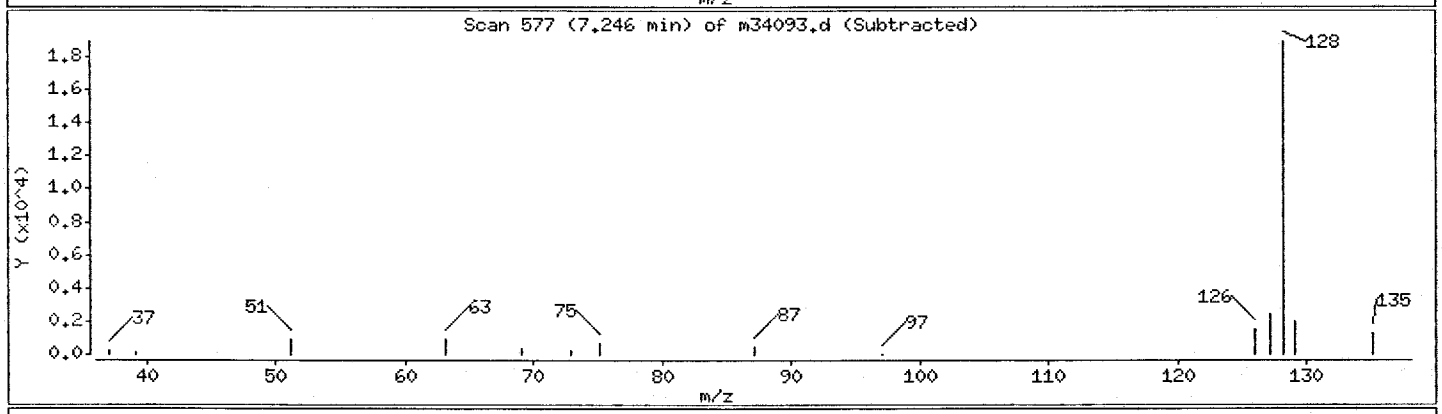
Sample Info: 908706;4225905

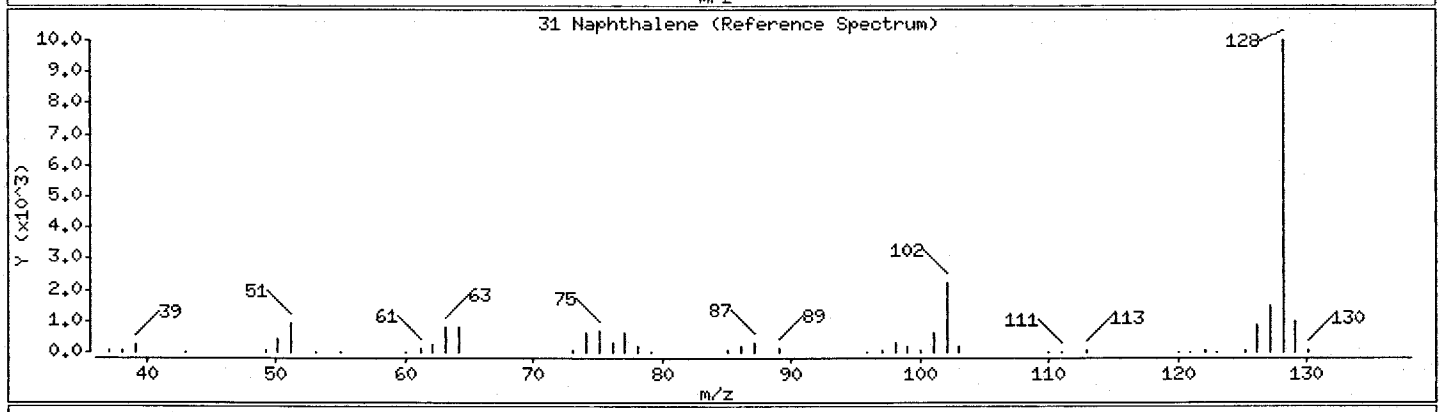
Operator: BNAMS 4

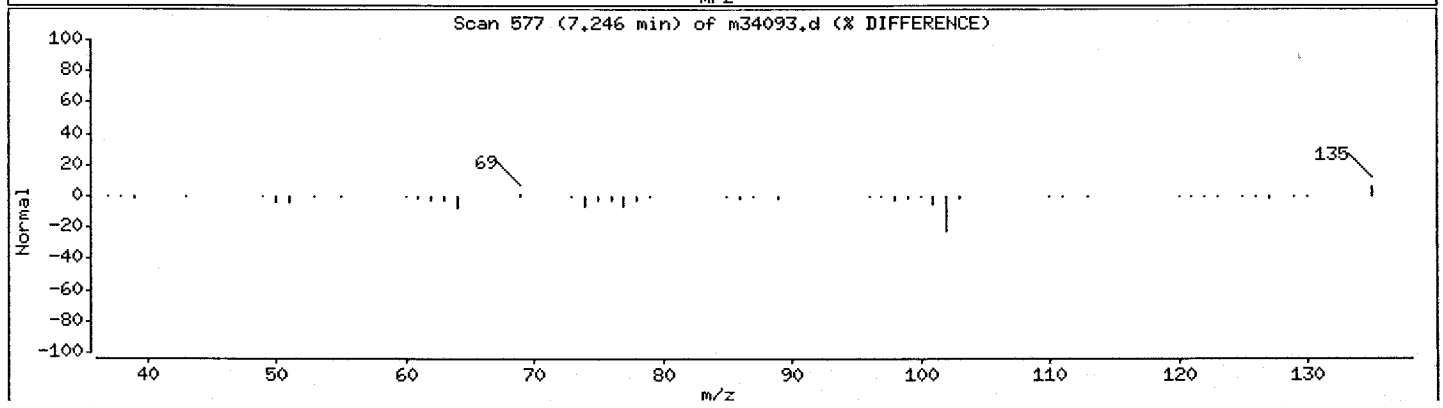
Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 56 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

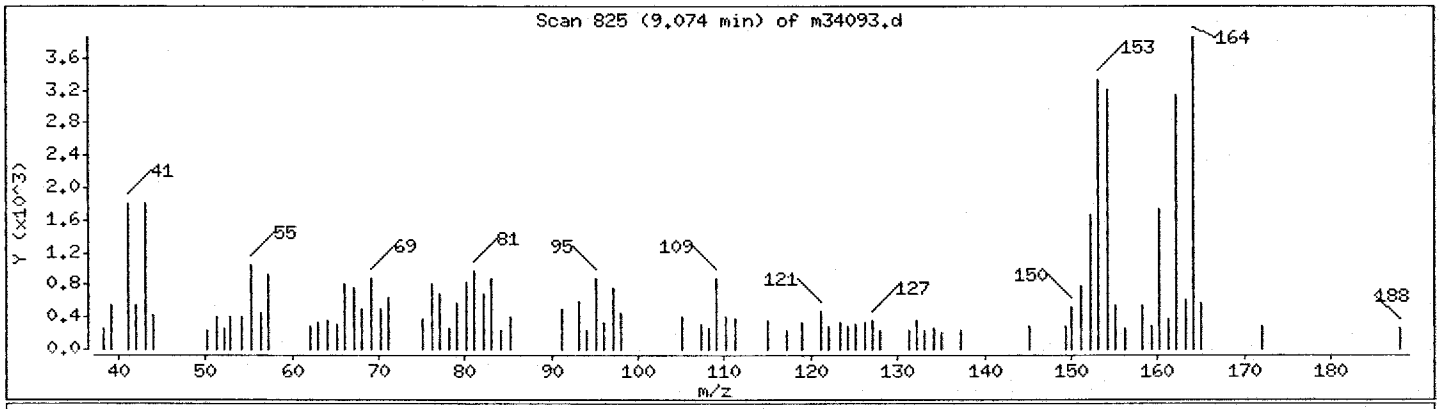
Client ID: 032608-1505 Instrument: BNAMS6.i

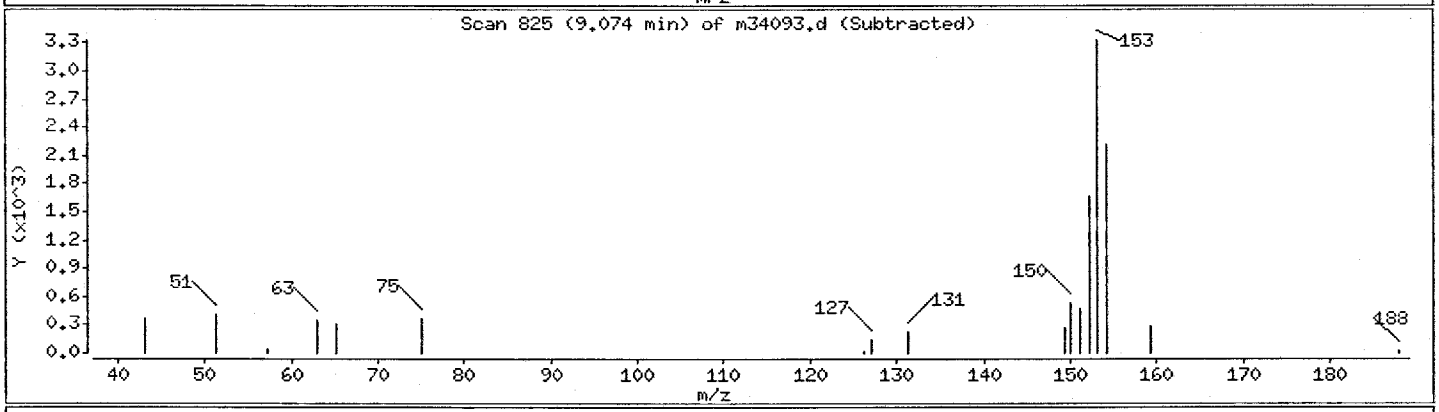
Sample Info: 908706;4225905

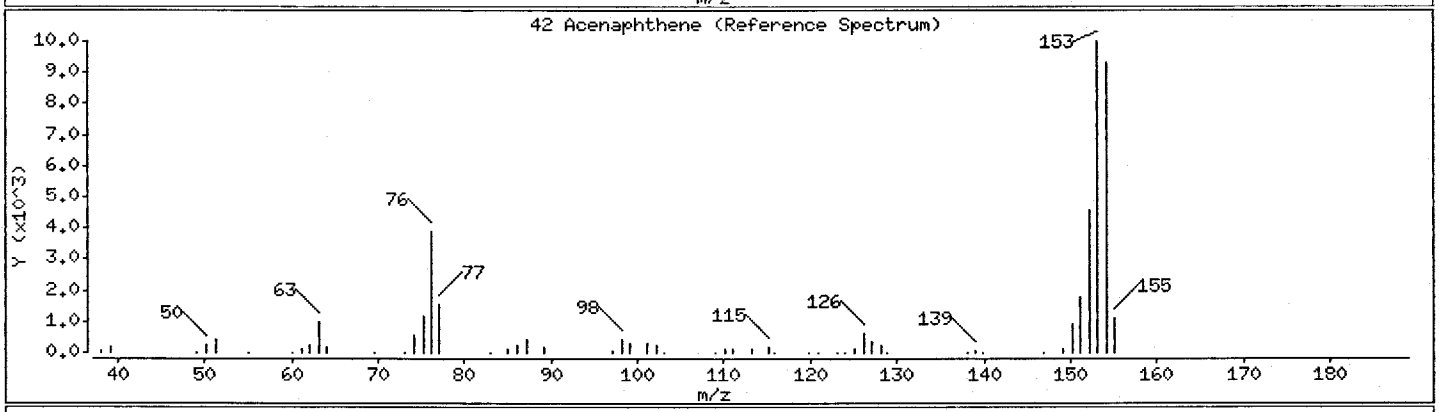
Operator: BNAMS 4

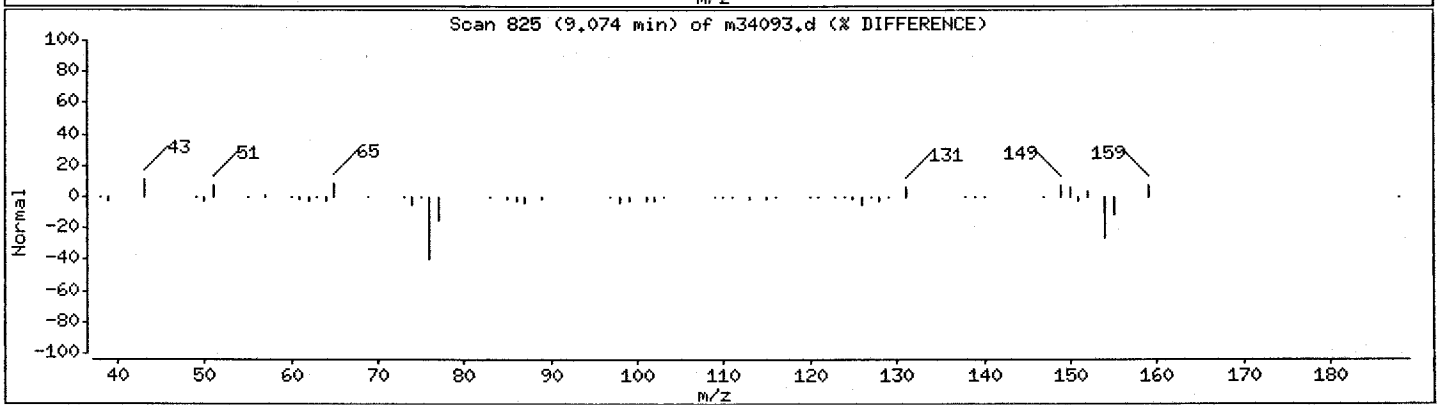
Column phase: DB-5 Column diameter: 0.25

42 Acenaphthene Concentration: 16 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

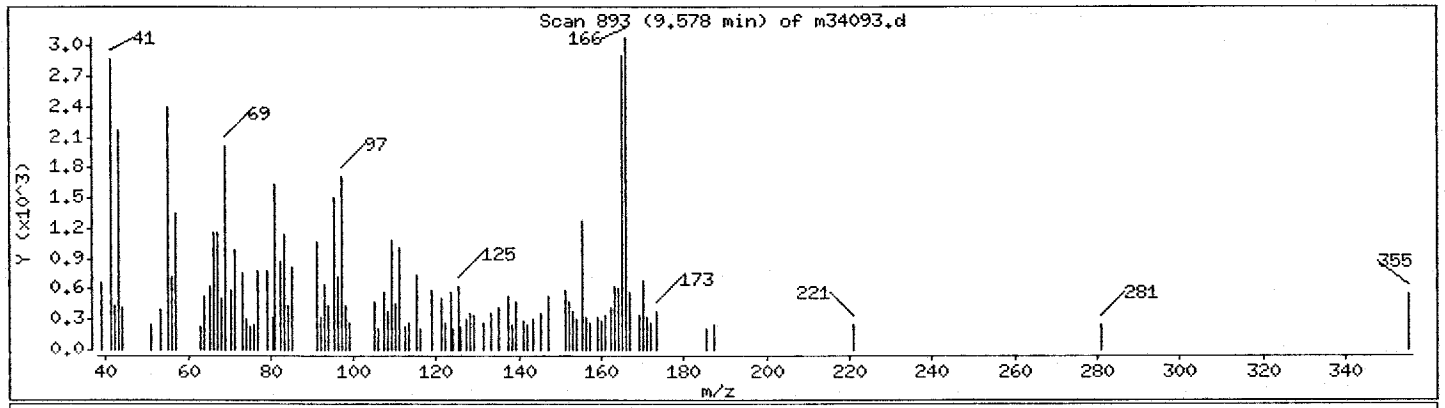
Client ID: 032608-1505 Instrument: BNAMS6.i

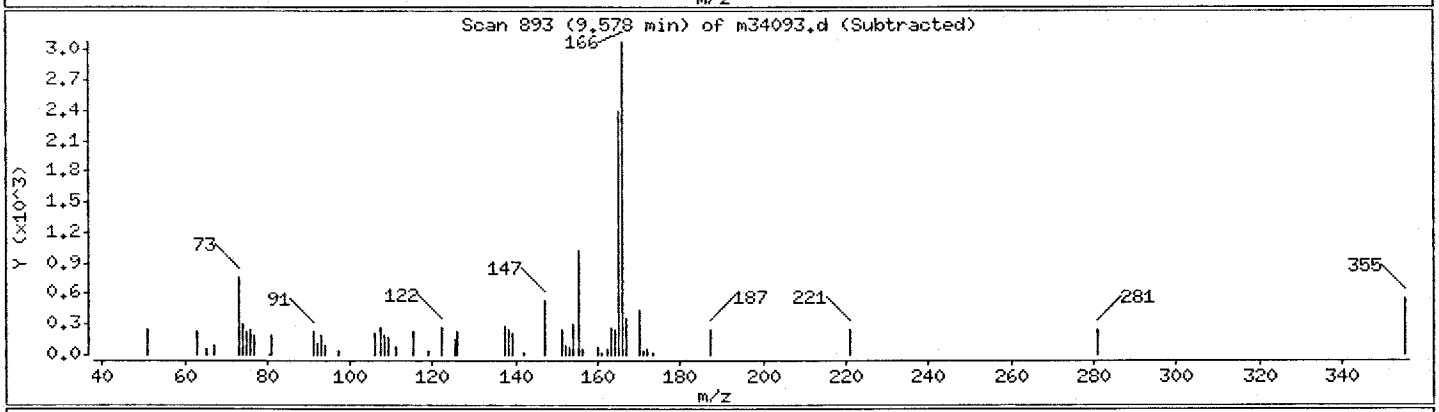
Sample Info: 908706;4225905

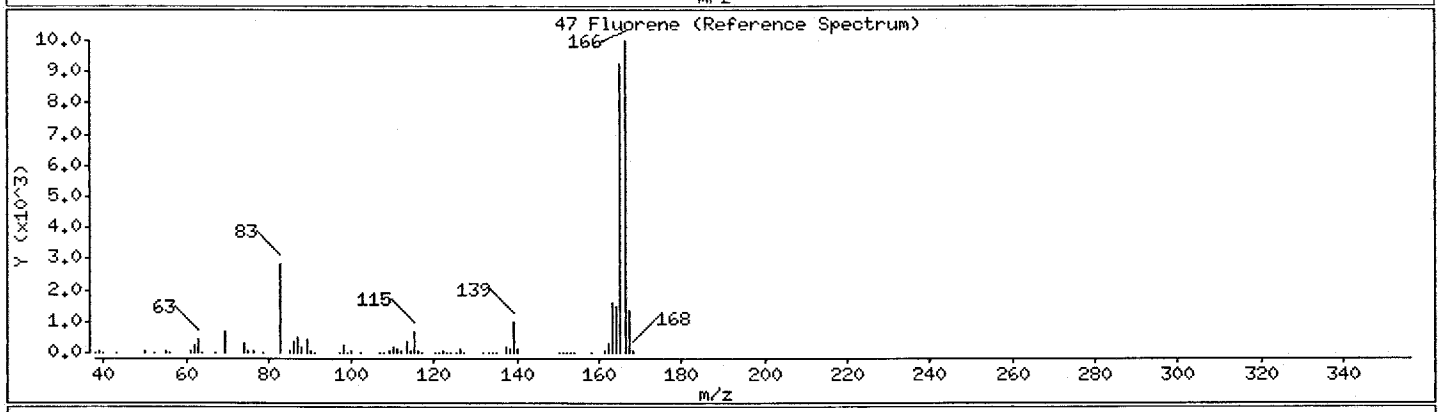
Operator: BNAMS 4

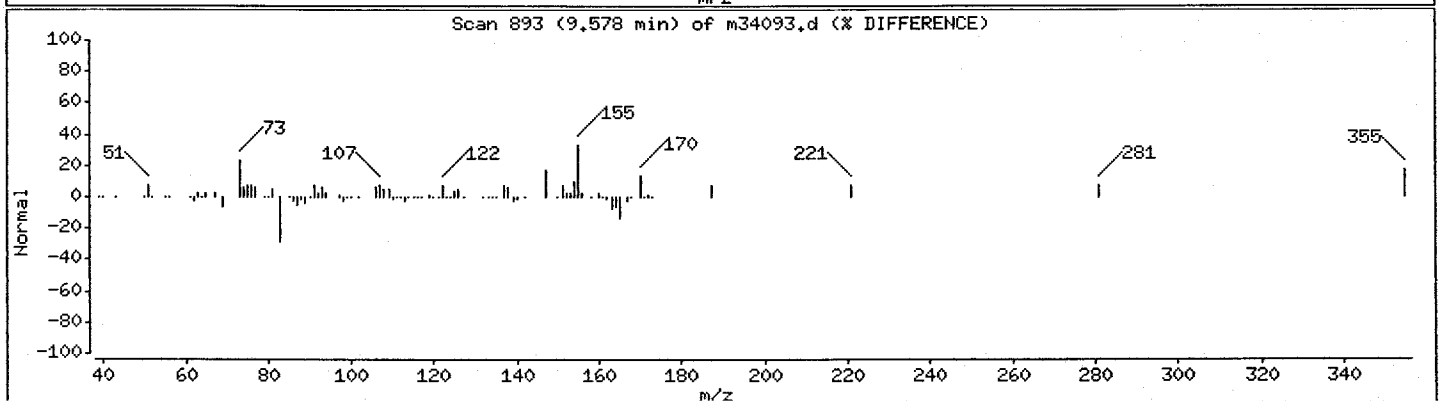
Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 13 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

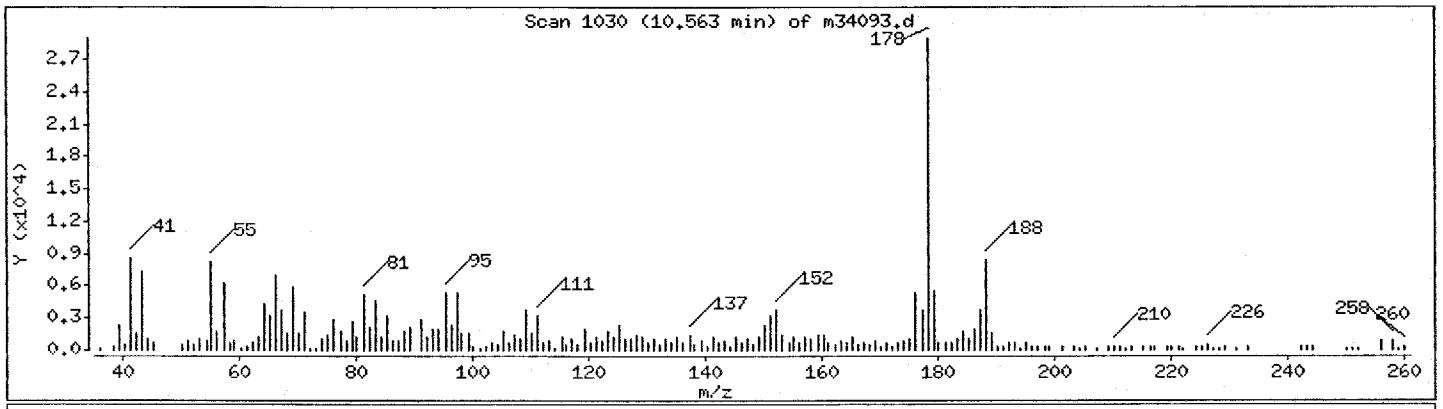
Client ID: 032608-1505 Instrument: BNAMS6.i

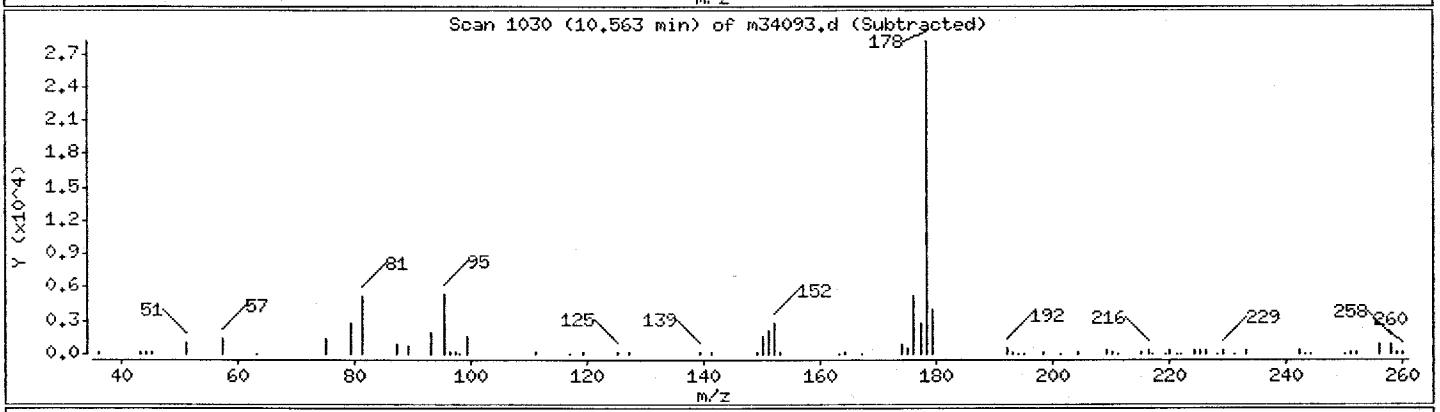
Sample Info: 908706;4225905

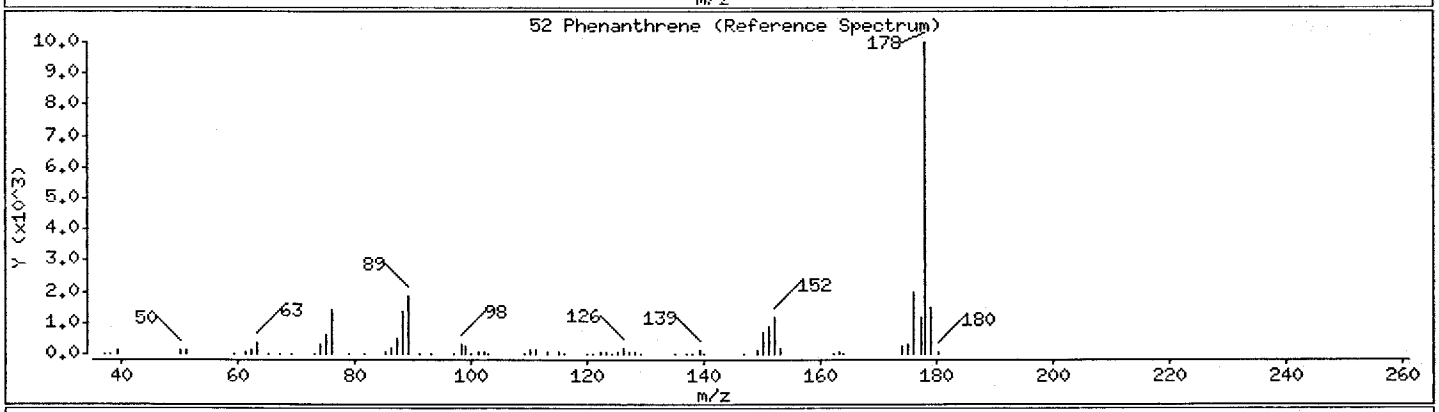
Operator: BNAMS 4

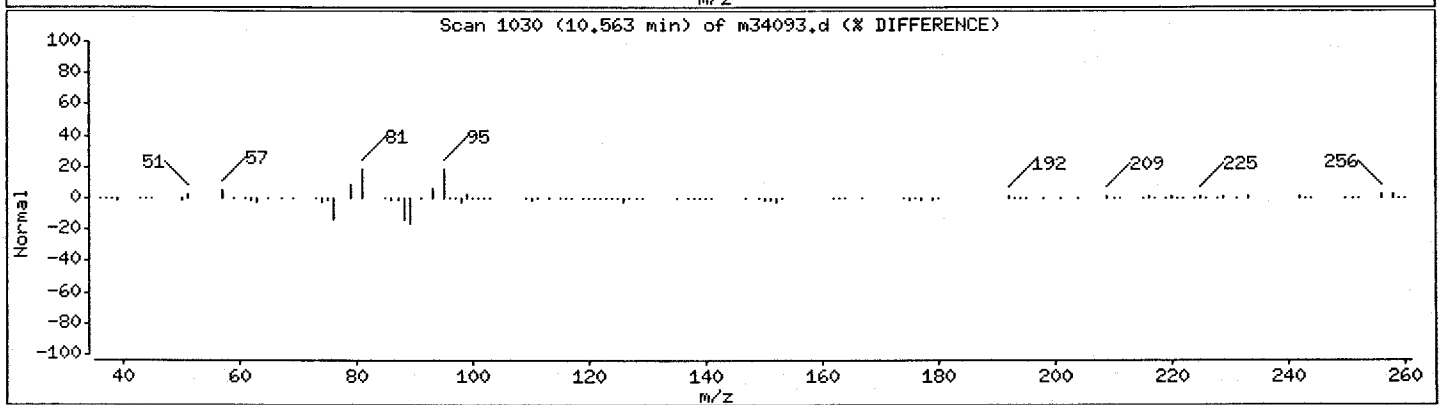
Column phase: DB-5 Column diameter: 0.25

52 Phenanthrene Concentration: 67 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

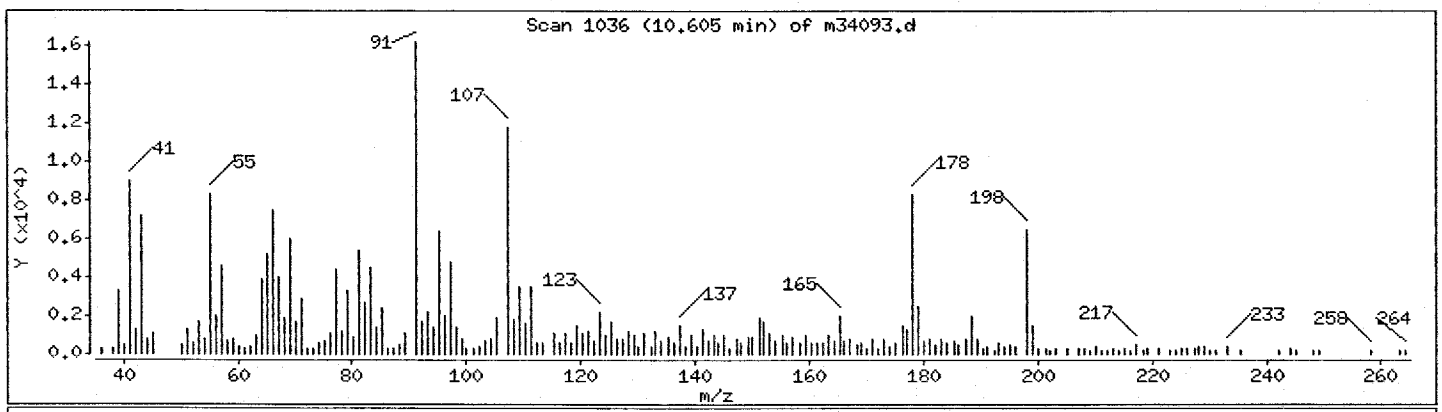
Client ID: 032608-1505 Instrument: BNAMS6.i

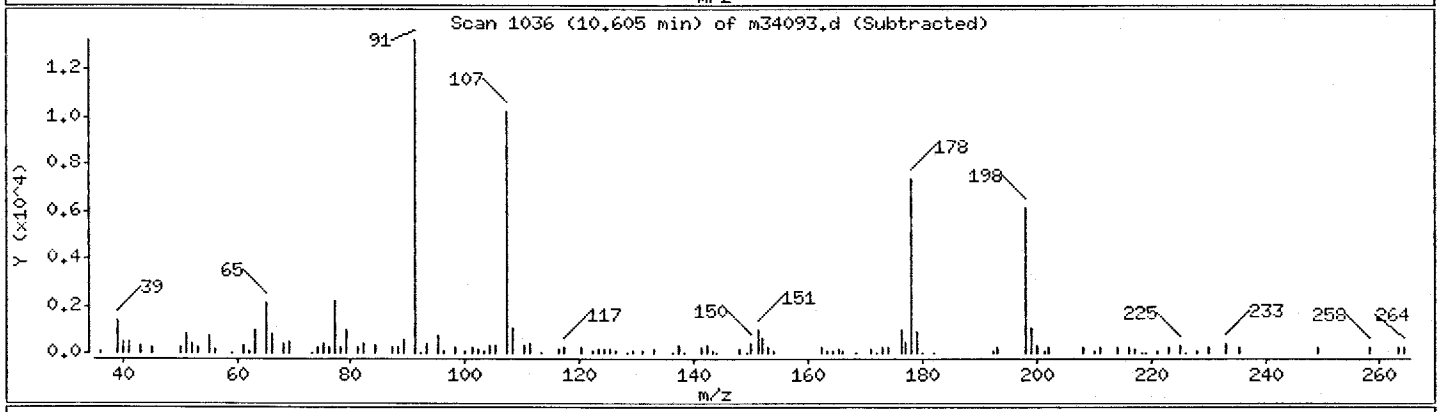
Sample Info: 908706;4225905

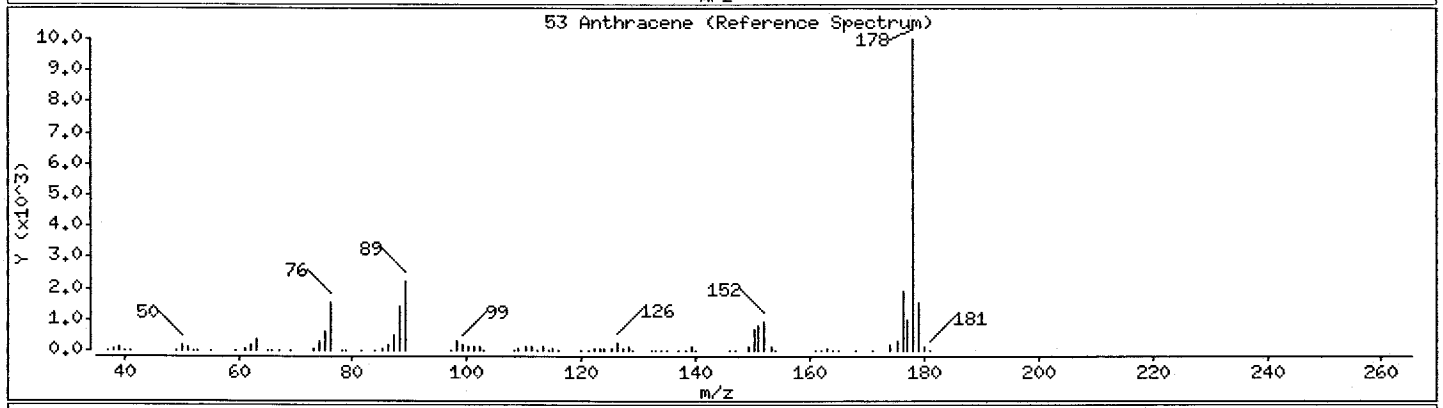
Operator: BNAMS 4

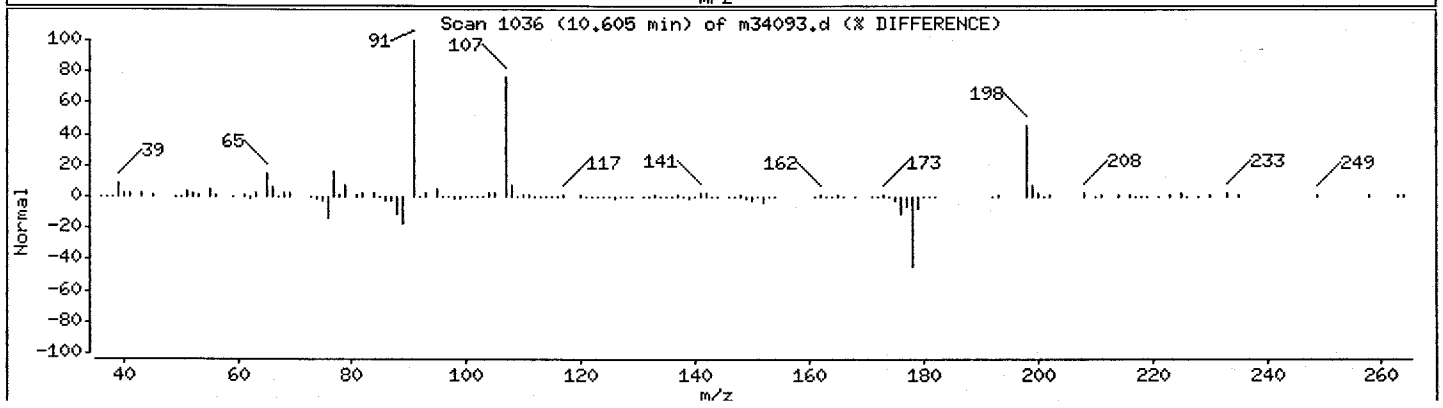
Column phase: DB-5 Column diameter: 0.25

53 Anthracene Concentration: 19 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

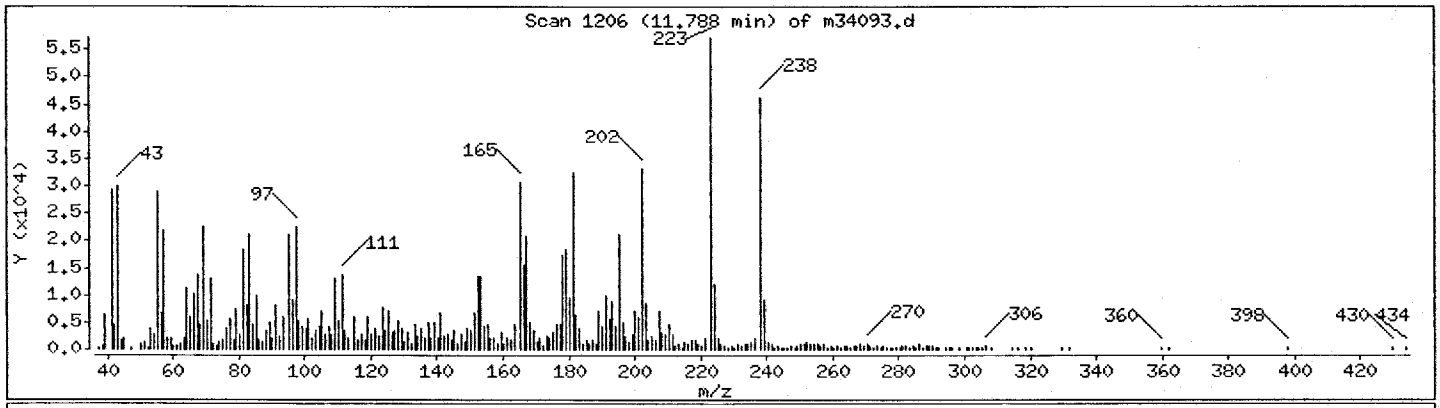
Client ID: 032608-1505 Instrument: BNAMS6.i

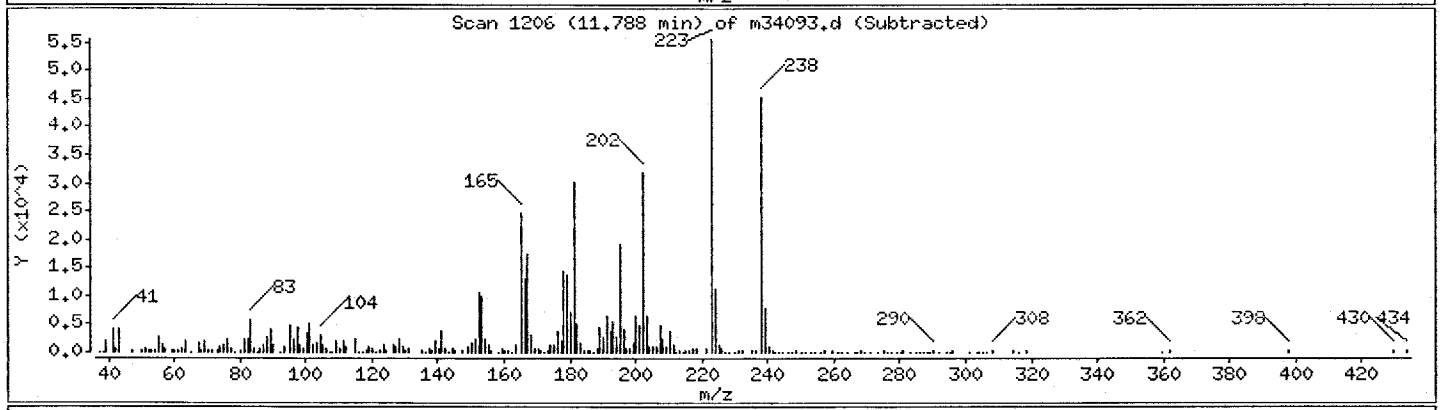
Sample Info: 908706;4225905

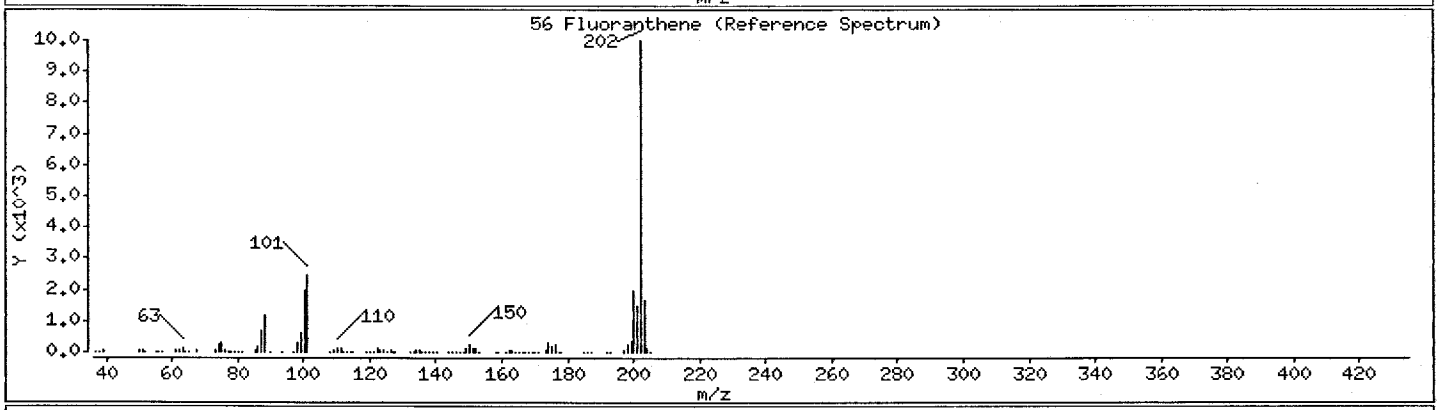
Operator: BNAMS 4

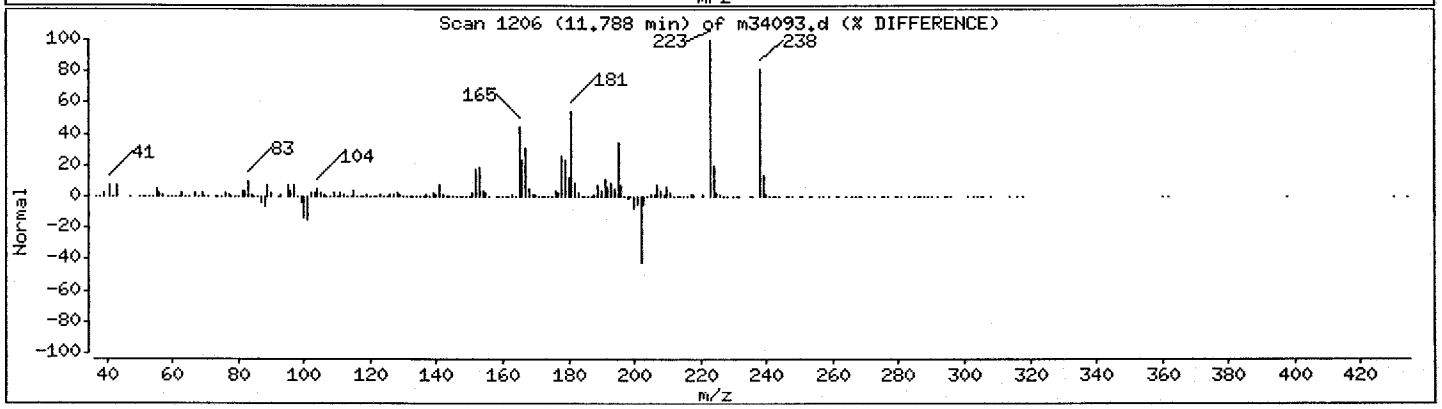
Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 78 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

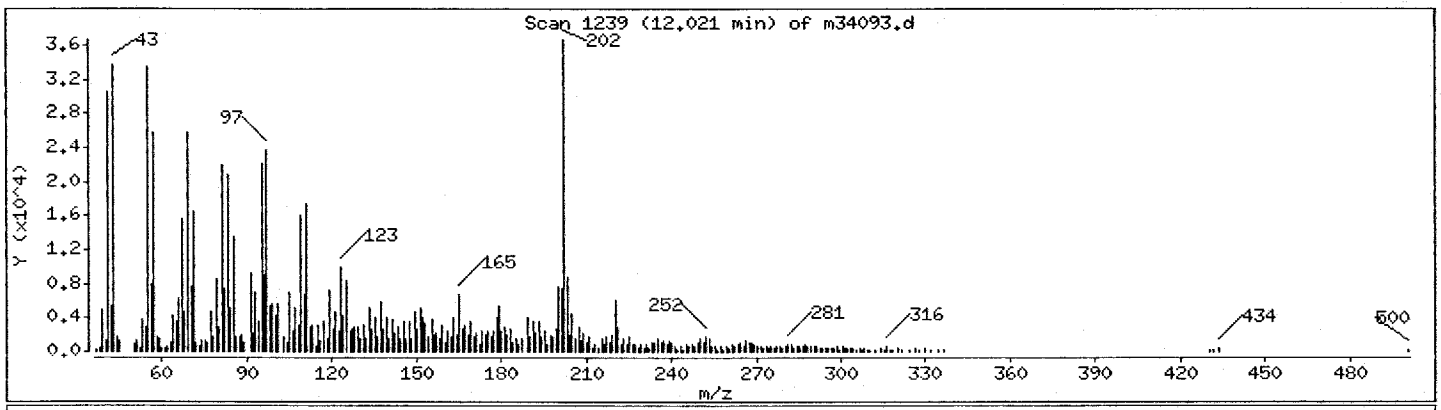
Client ID: 032608-1505 Instrument: BNAMS6.i

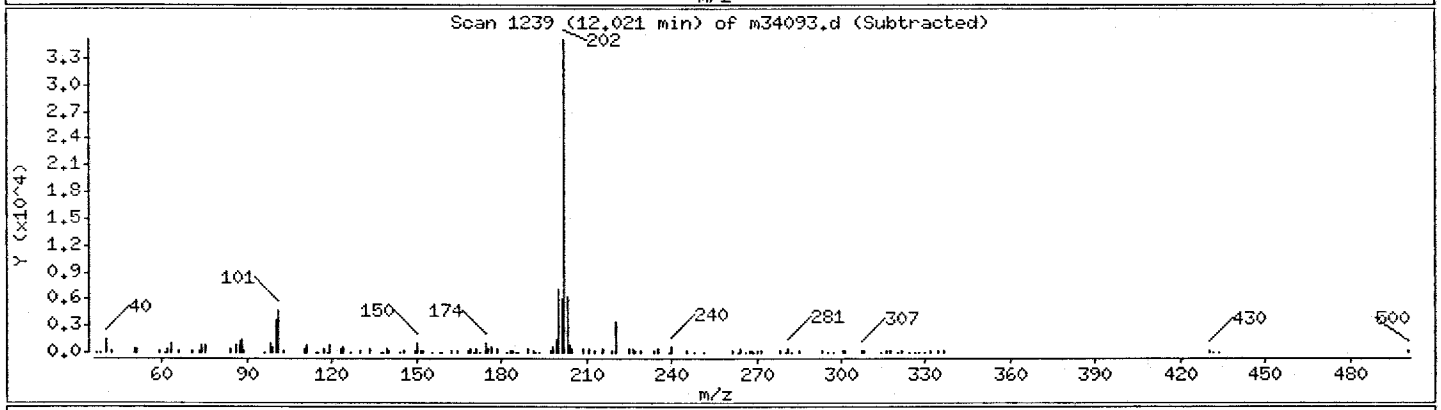
Sample Info: 908706;4225905

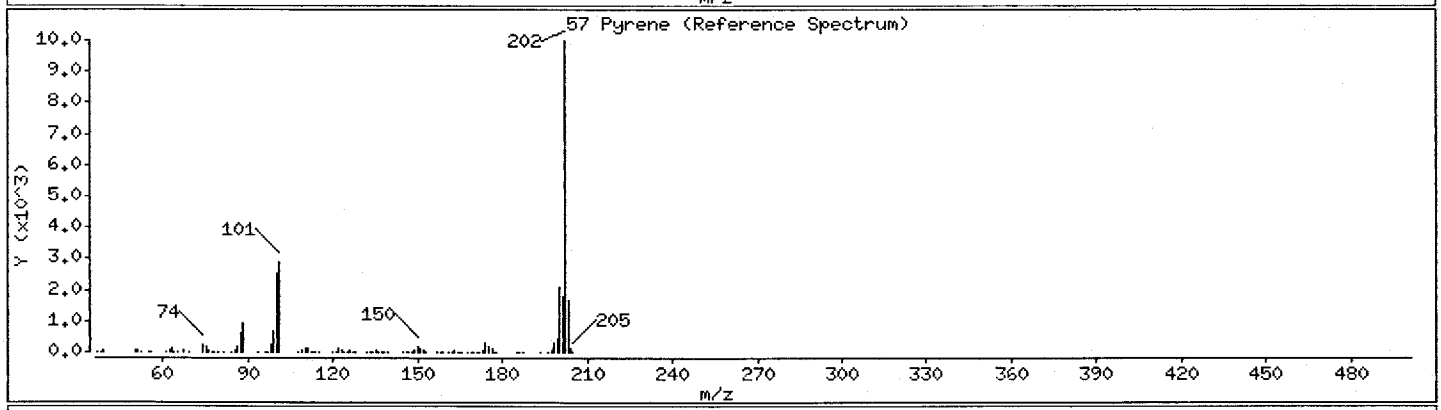
Operator: BNAMS 4

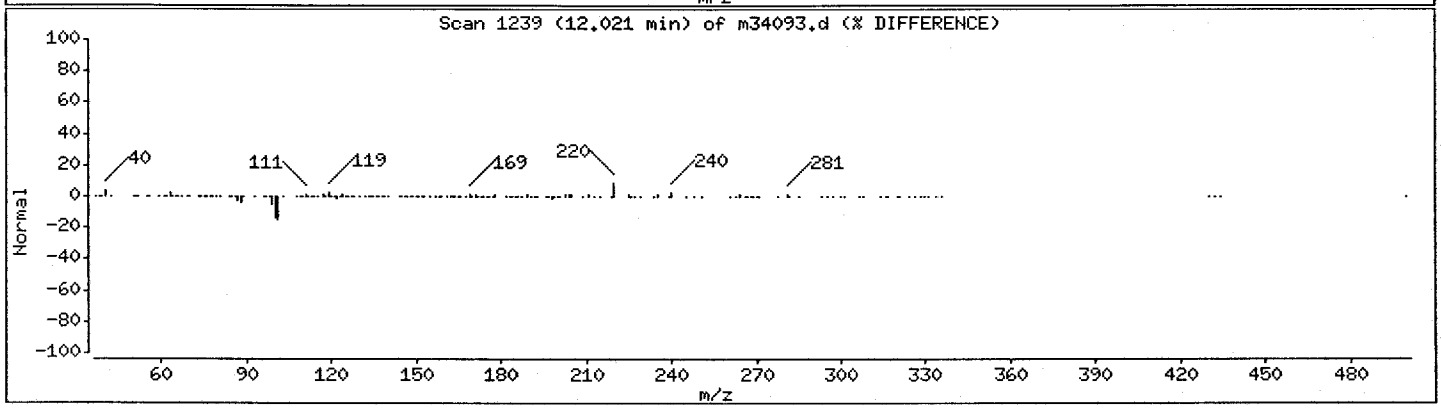
Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 100 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

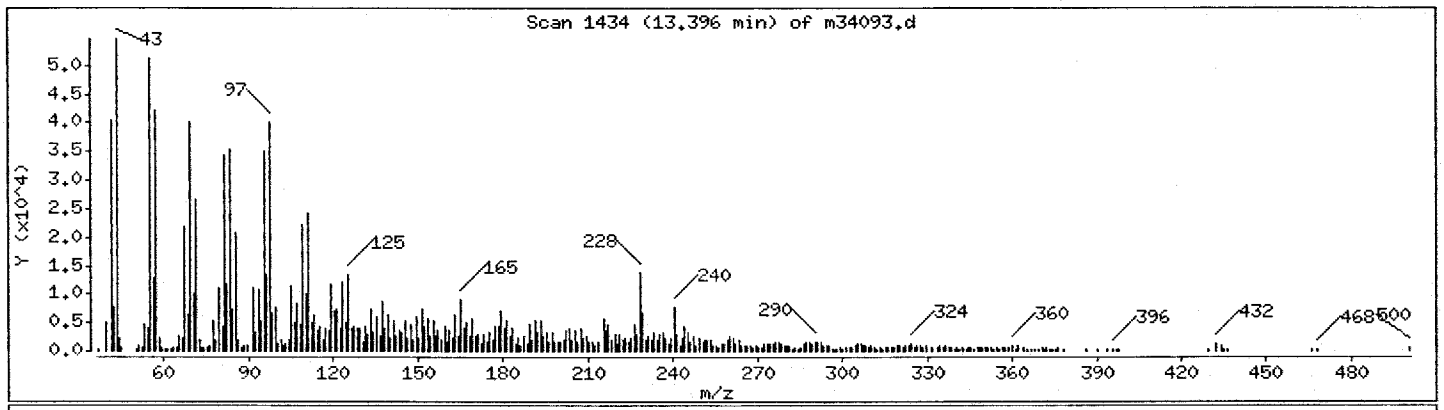
Client ID: 032608-1505 Instrument: BNAMS6.i

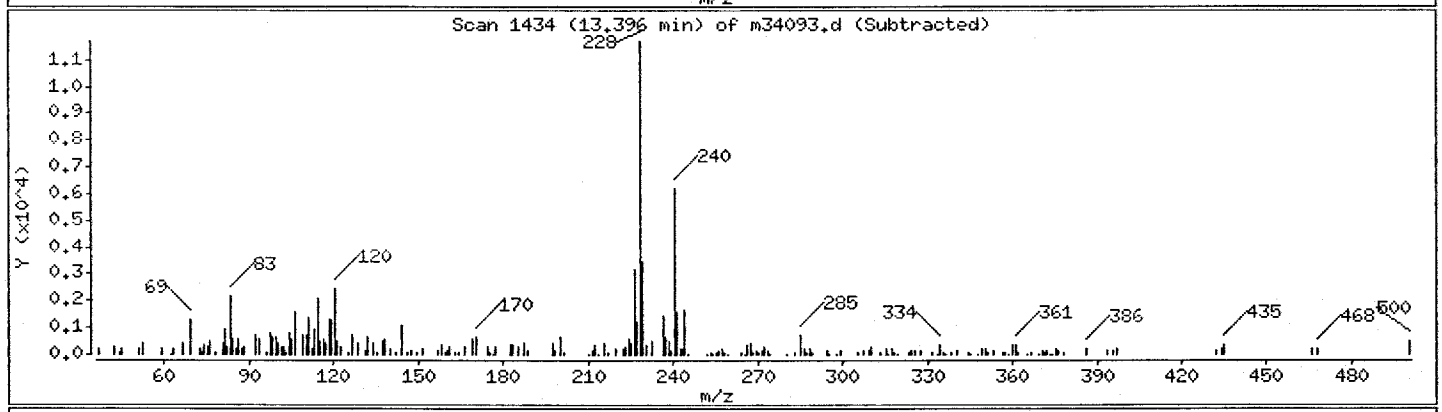
Sample Info: 908706;4225905

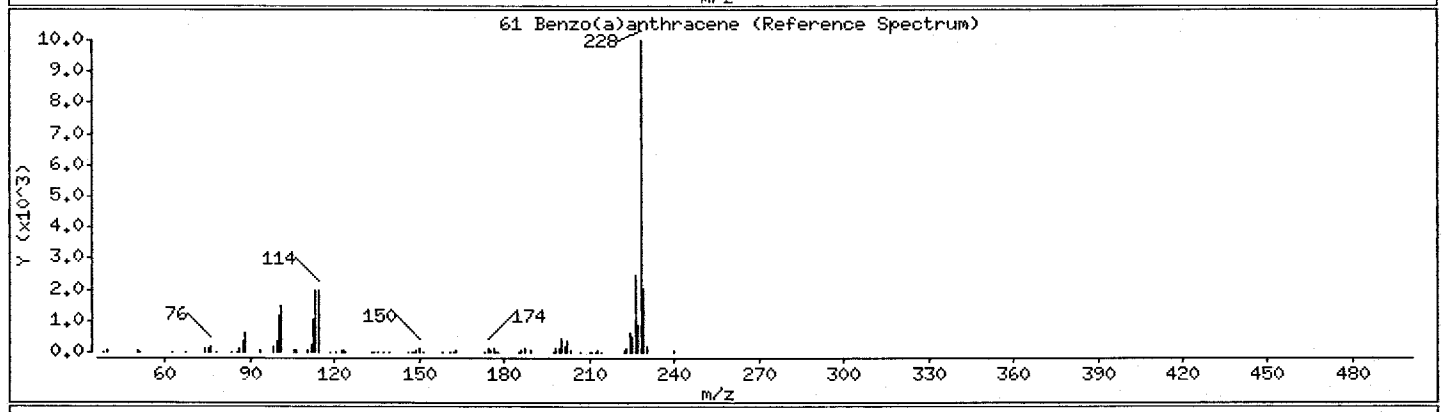
Operator: BNAMS 4

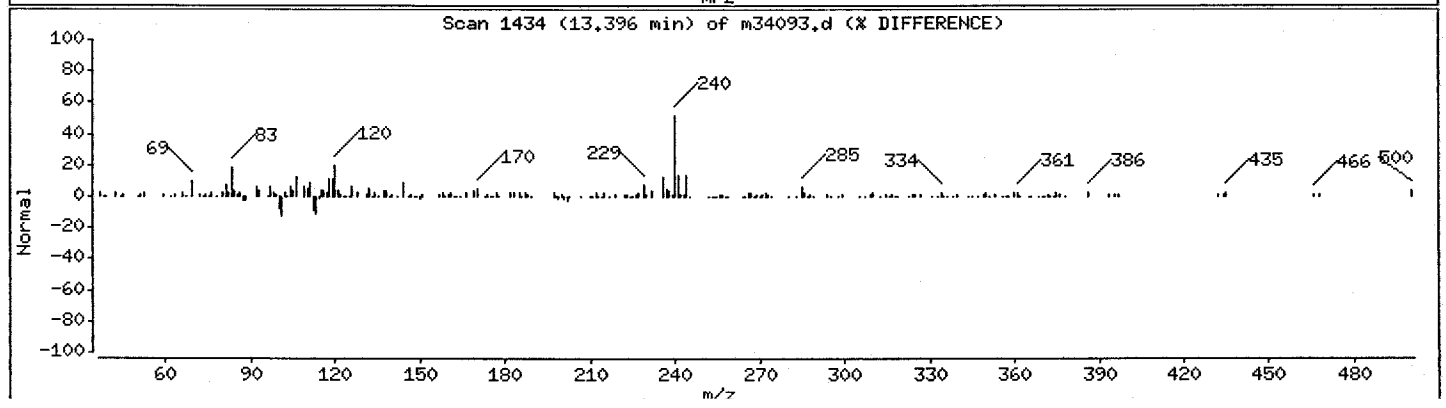
Column phase: DB-5 Column diameter: 0.25

61 Benzo(a)anthracene Concentration: 62 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

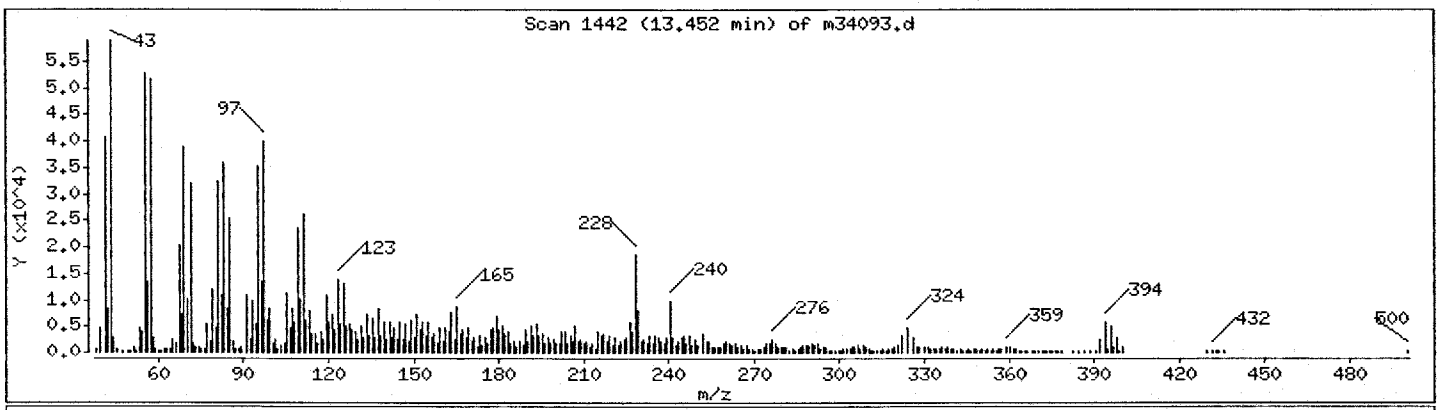
Client ID: 032608-1505 Instrument: BNAMS6.i

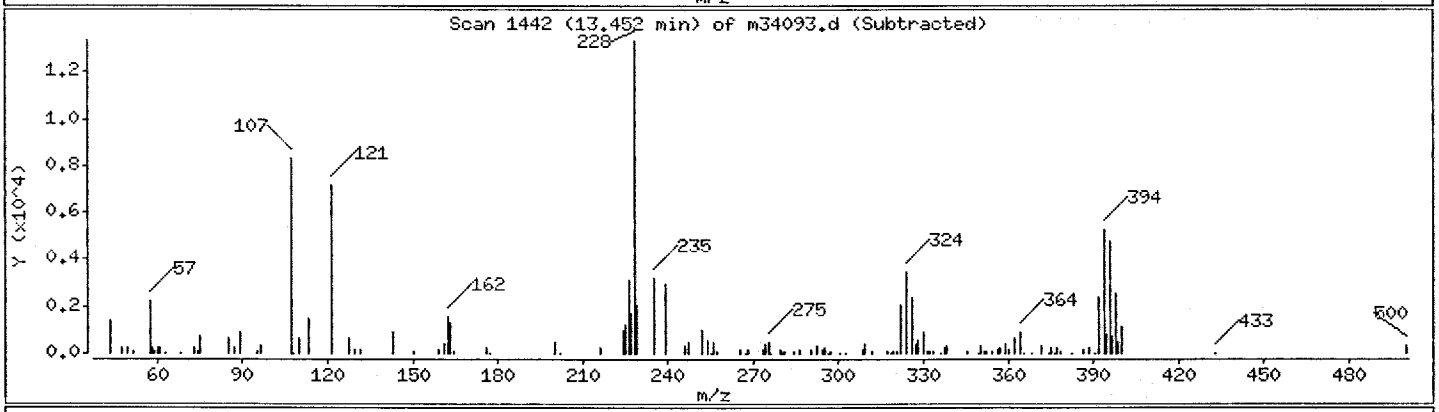
Sample Info: 908706;4225905

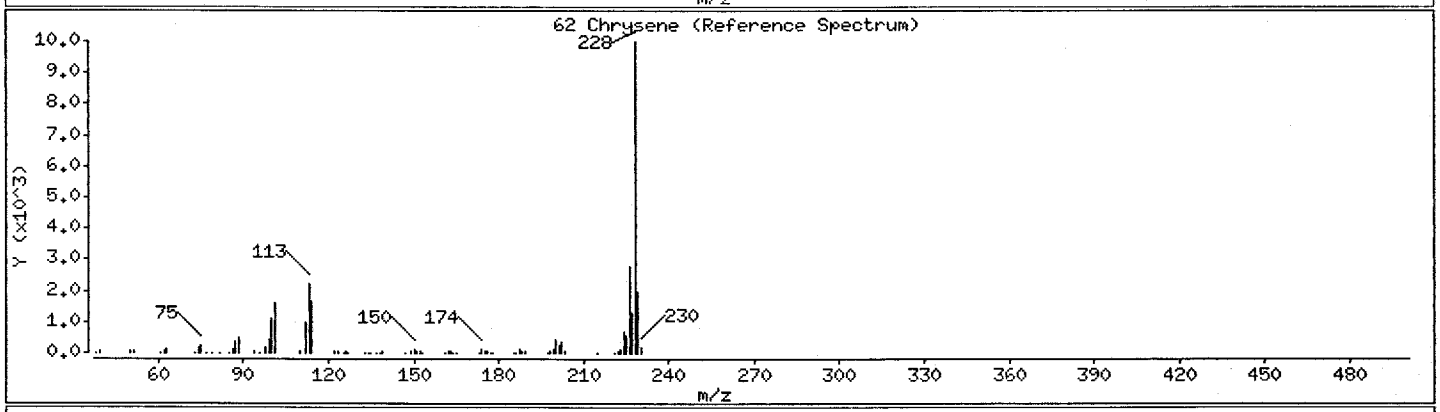
Operator: BNAMS 4

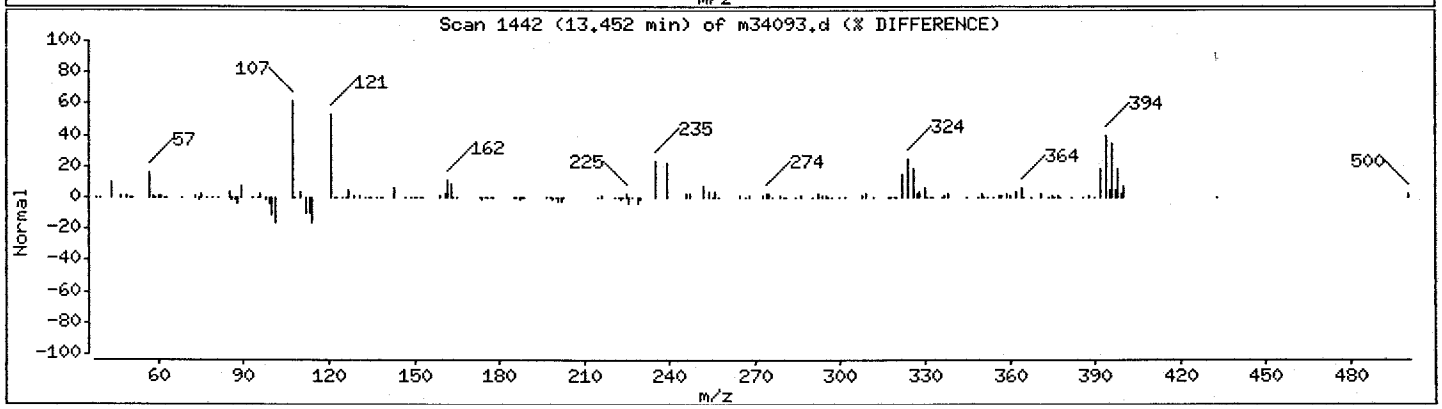
Column phase: DB-5 Column diameter: 0.25

62 Chrysene Concentration: 84 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

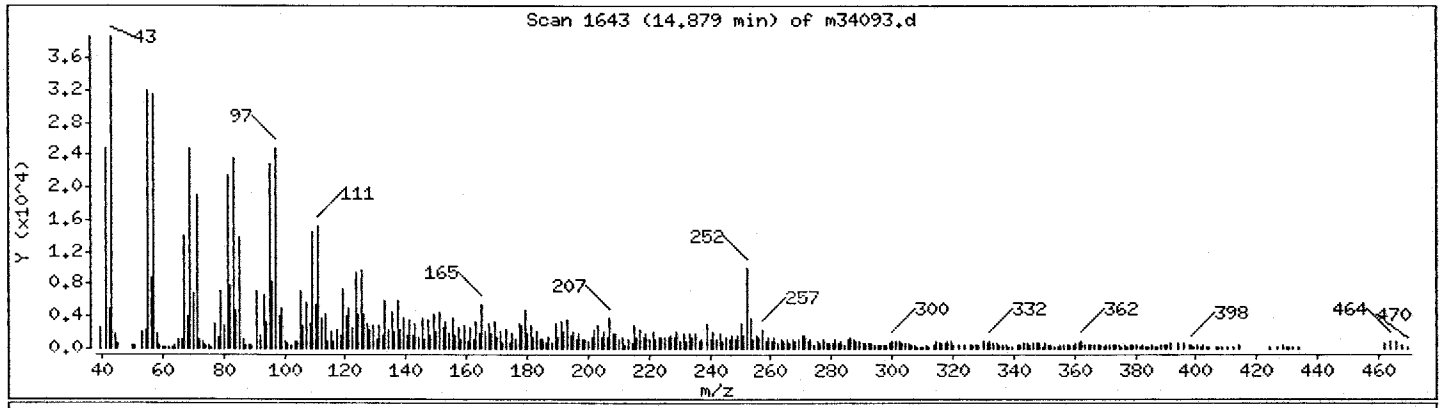
Client ID: 032608-1505 Instrument: BNAMS6.i

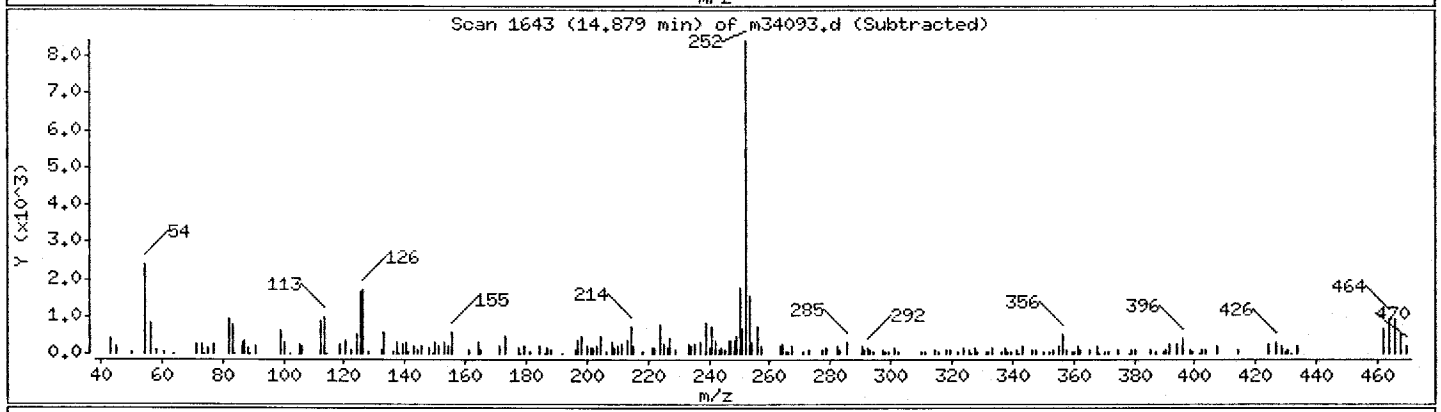
Sample Info: 908706;4225905

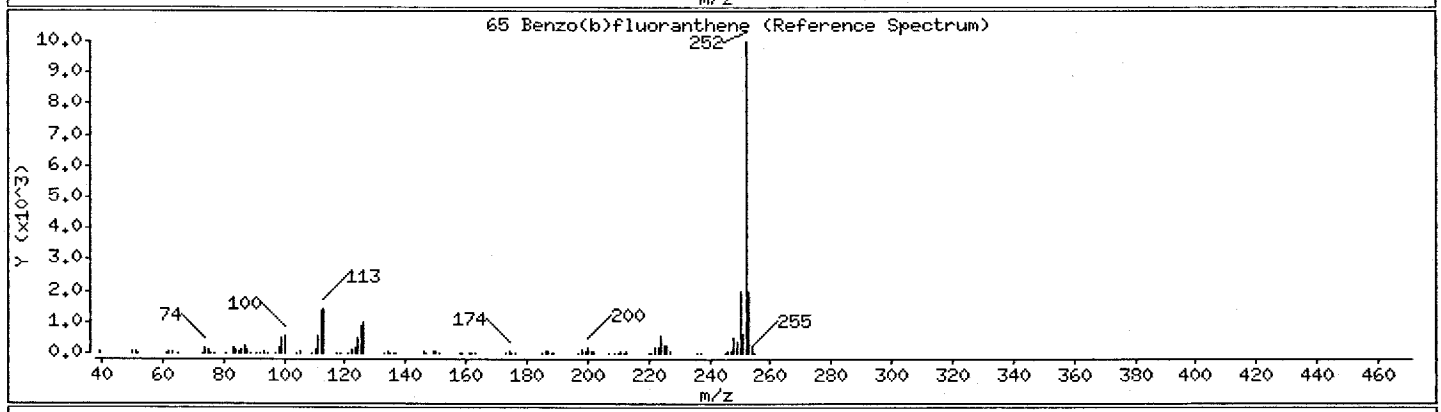
Operator: BNAMS 4

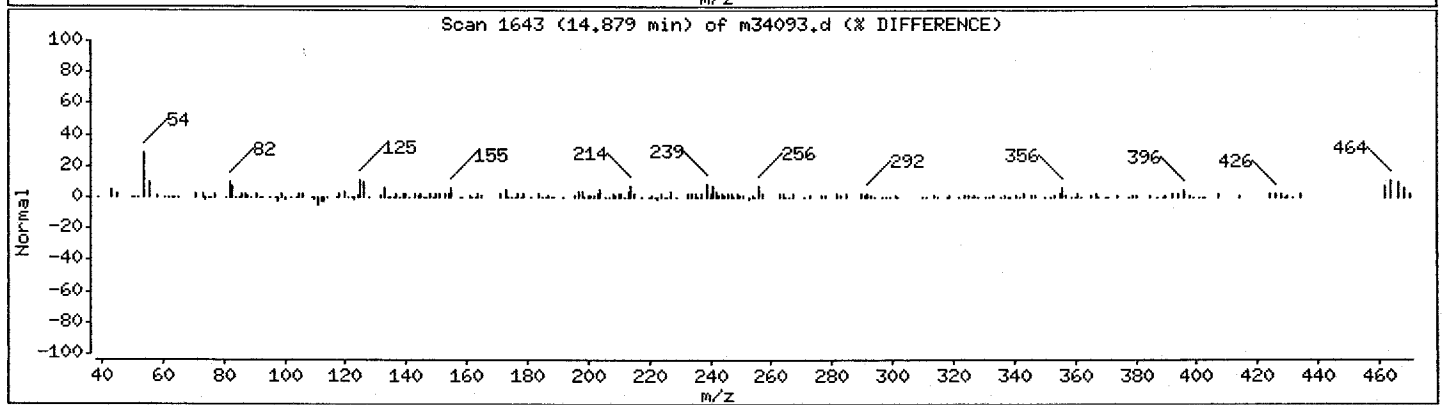
Column phase: DB-5 Column diameter: 0.25

65 Benzo(b)fluoranthene Concentration: 40 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

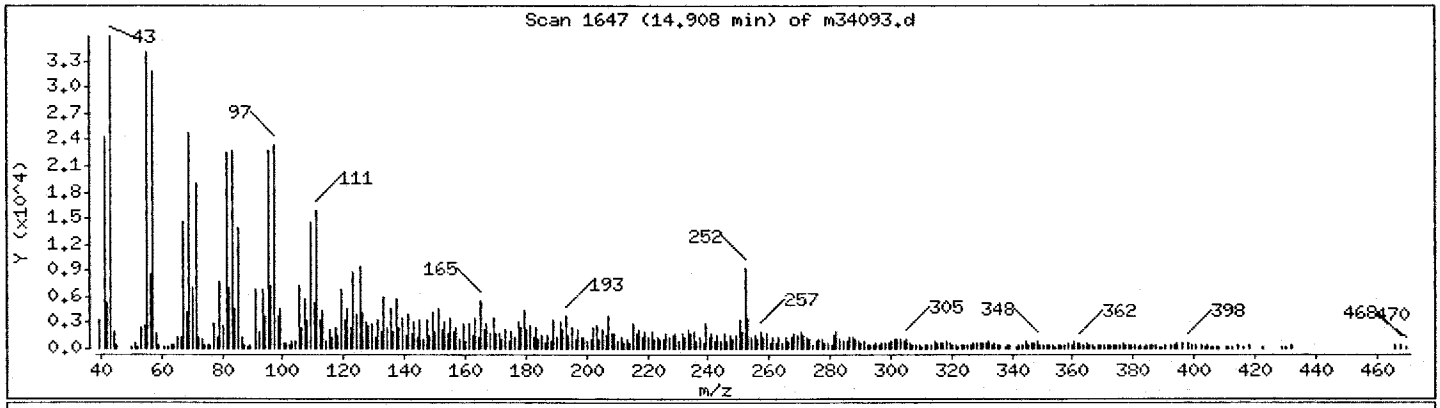
Client ID: 032608-1505 Instrument: BNAMS6.i

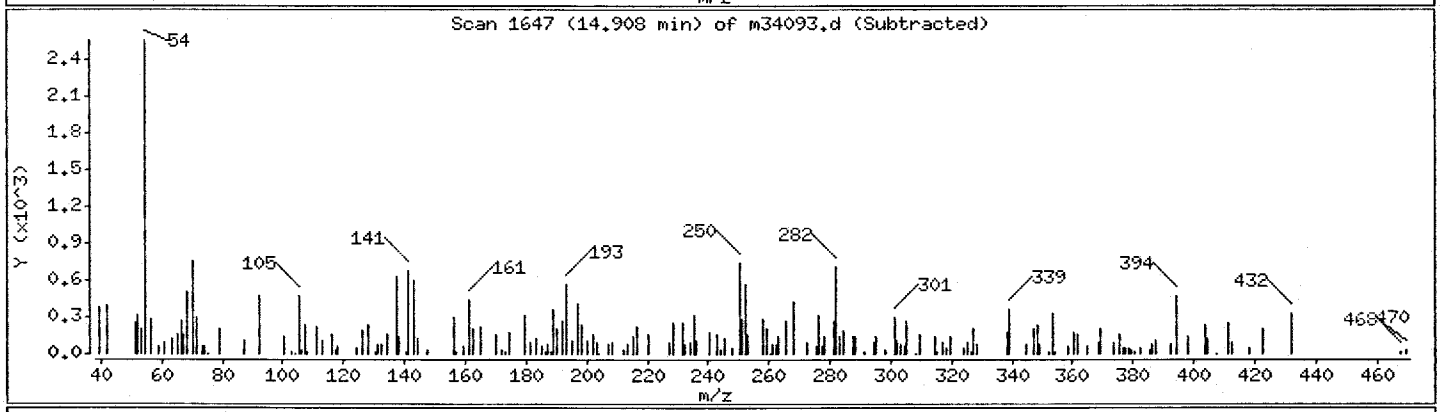
Sample Info: 908706;4225905

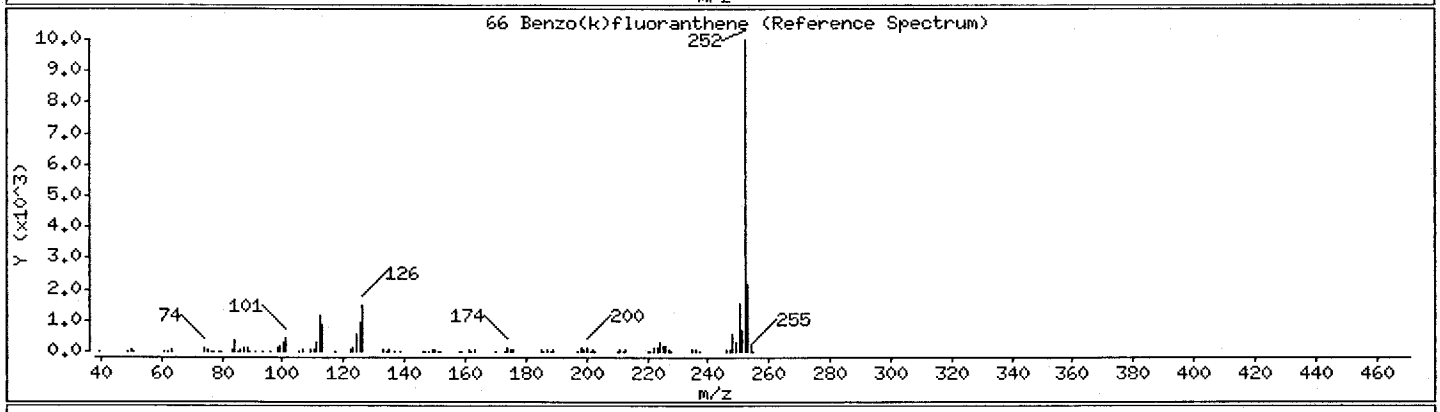
Operator: BNAMS 4

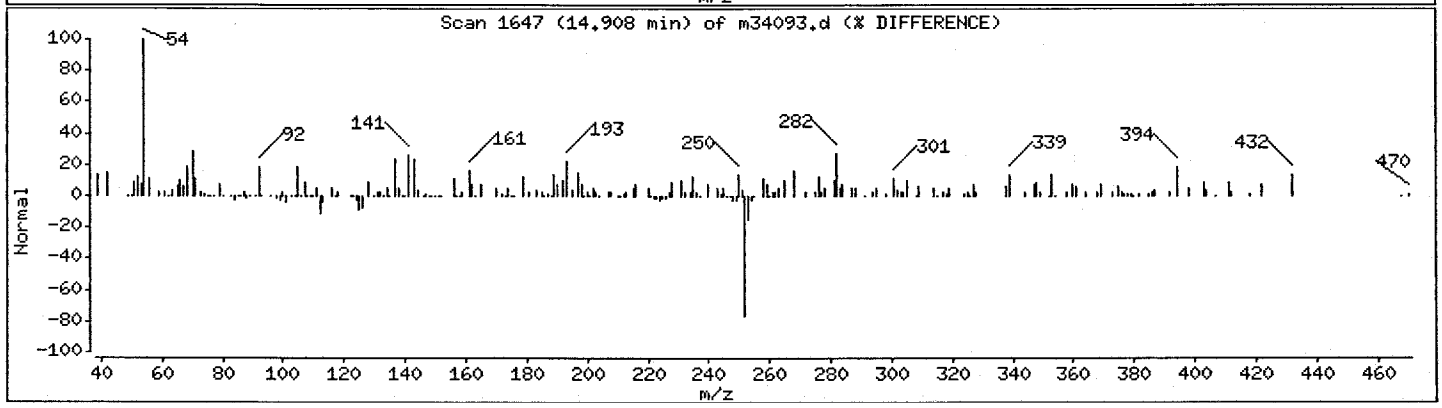
Column phase: DB-5 Column diameter: 0.25

66 Benzo(k)fluoranthene Concentration: 50 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

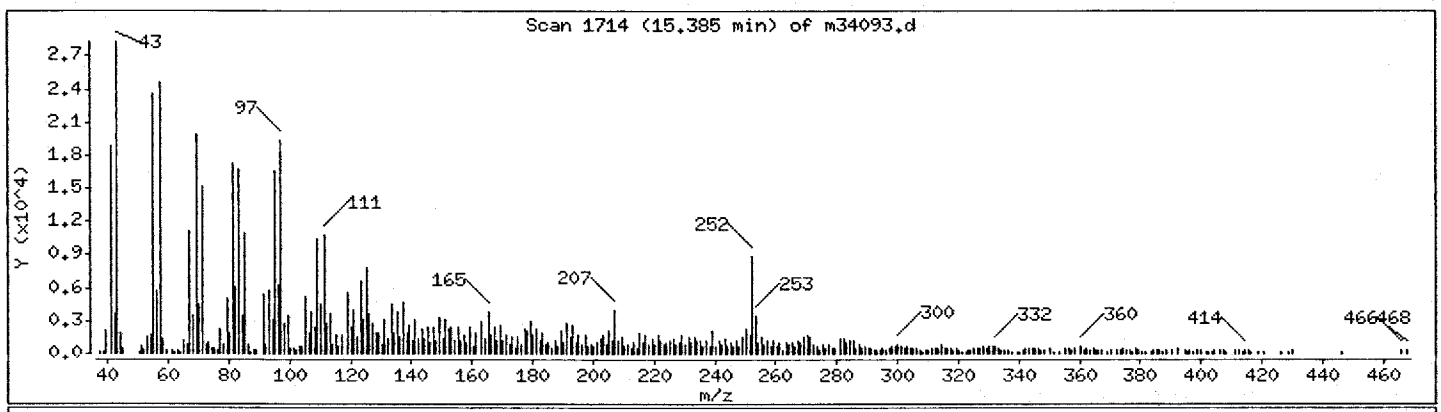
Client ID: 032608-1505 Instrument: BNAMS6.i

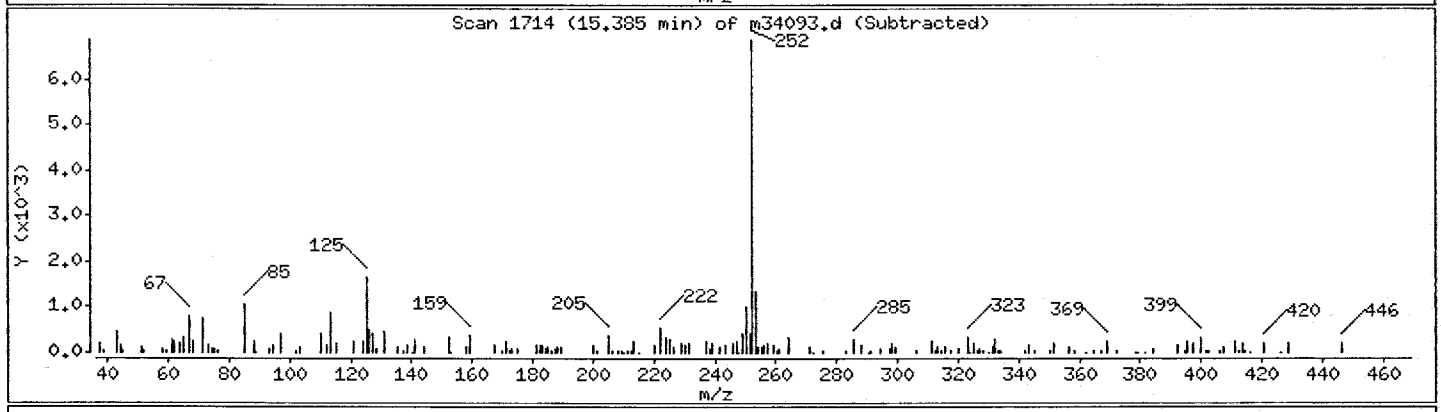
Sample Info: 908706;4225905

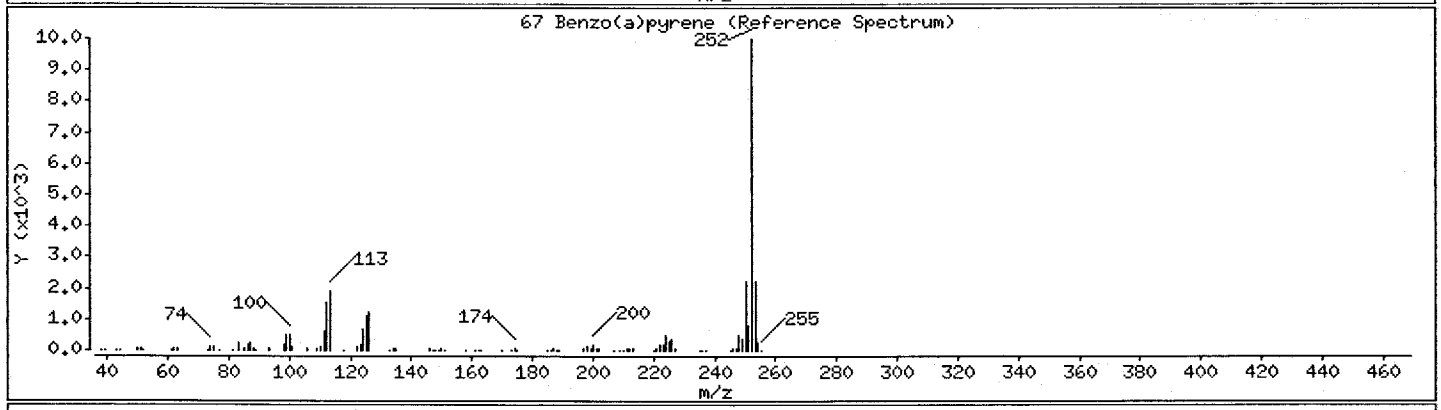
Operator: BNAMS 4

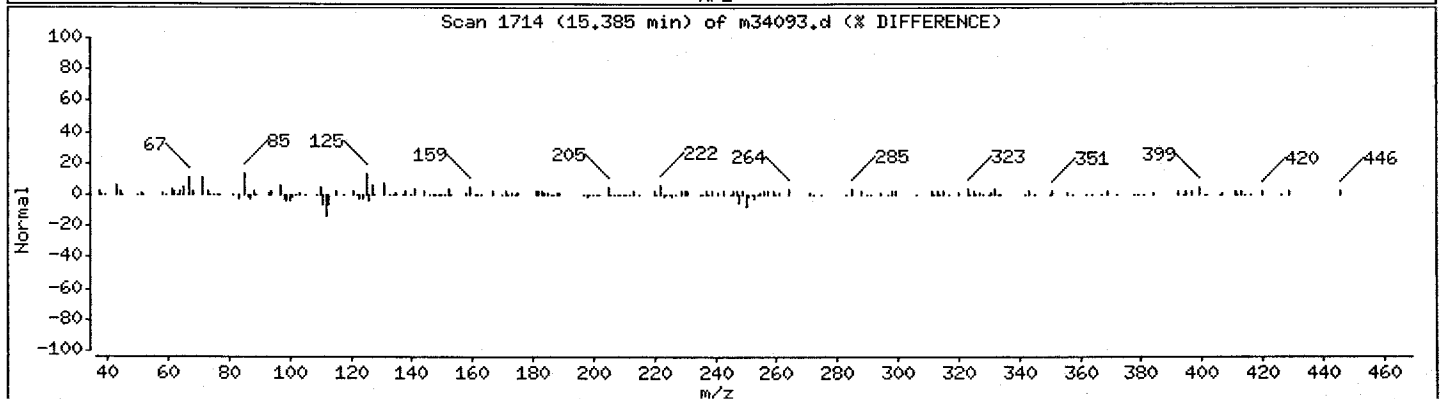
Column phase: DB-5 Column diameter: 0.25

67 Benzo(a)pyrene Concentration: 42 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

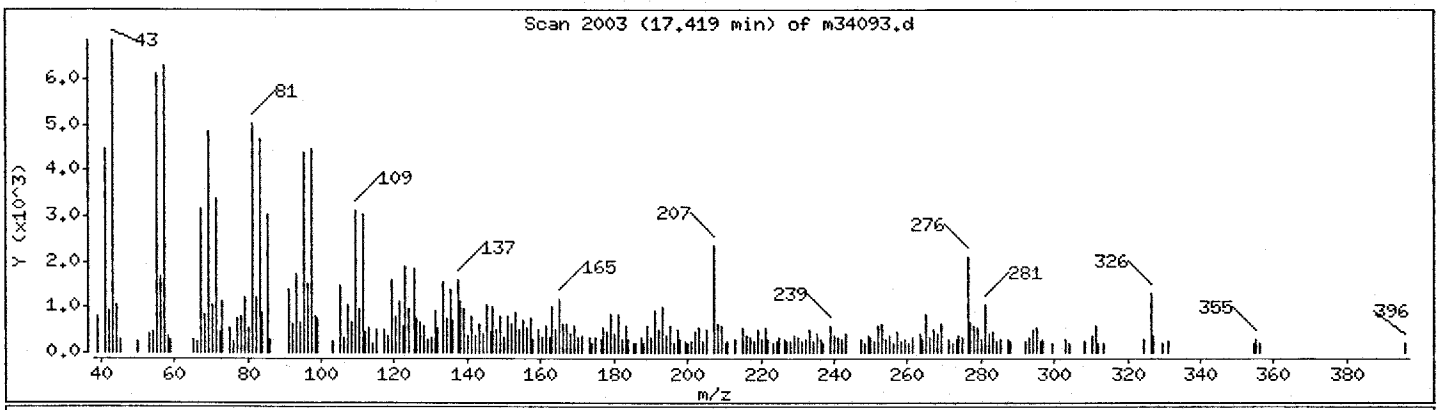
Client ID: 032608-1505 Instrument: BNAMS6.i

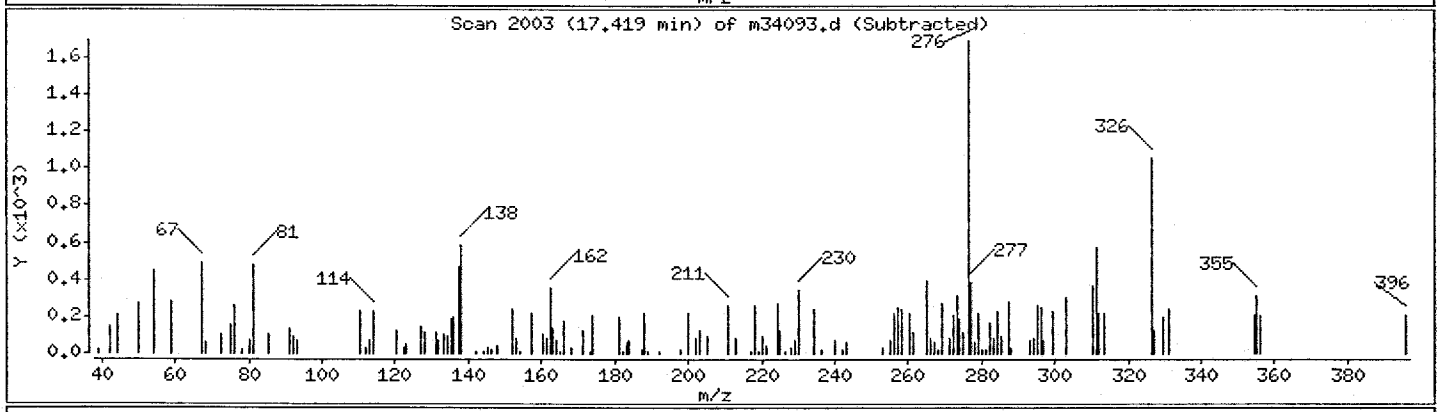
Sample Info: 908706;4225905

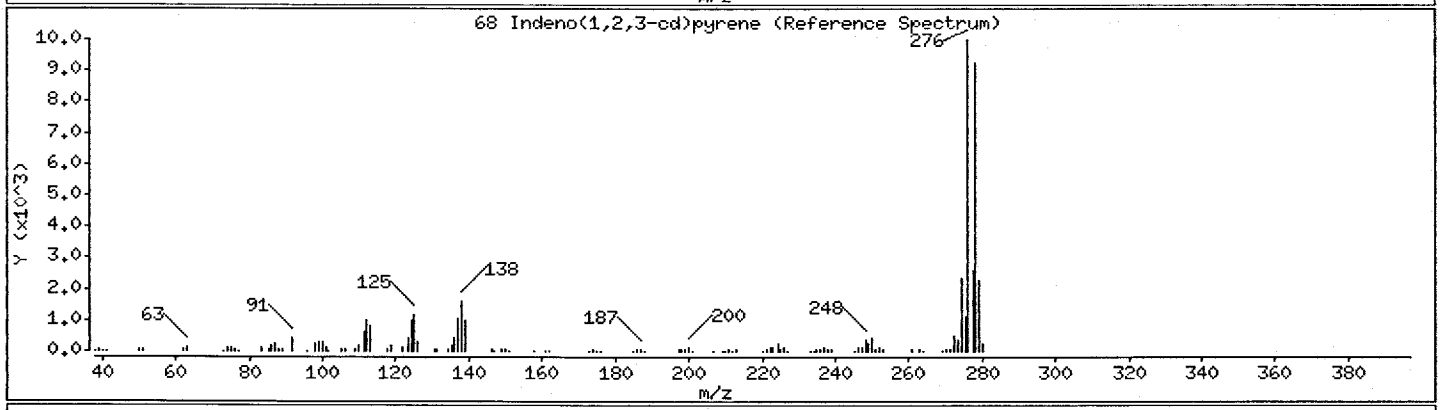
Operator: BNAMS 4

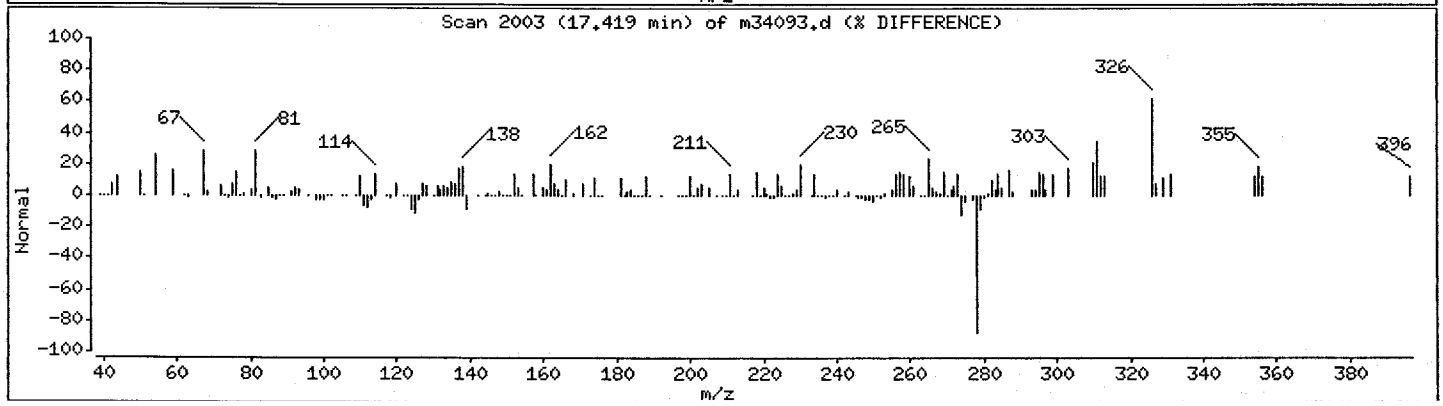
Column phase: DB-5 Column diameter: 0.25

68 Indeno(1,2,3-cd)pyrene Concentration: 19 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

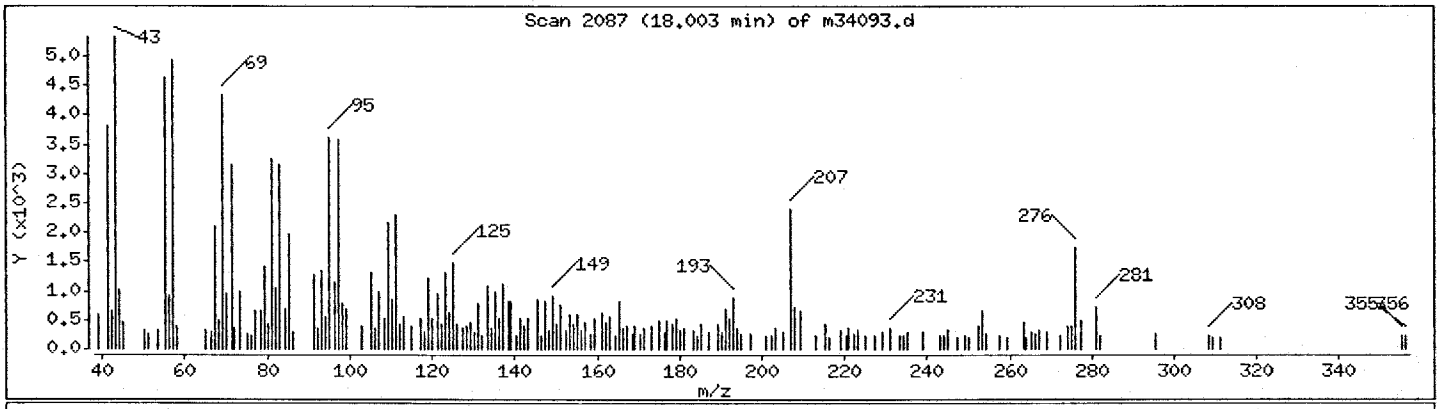
Client ID: 032608-1505 Instrument: BNAMS6.i

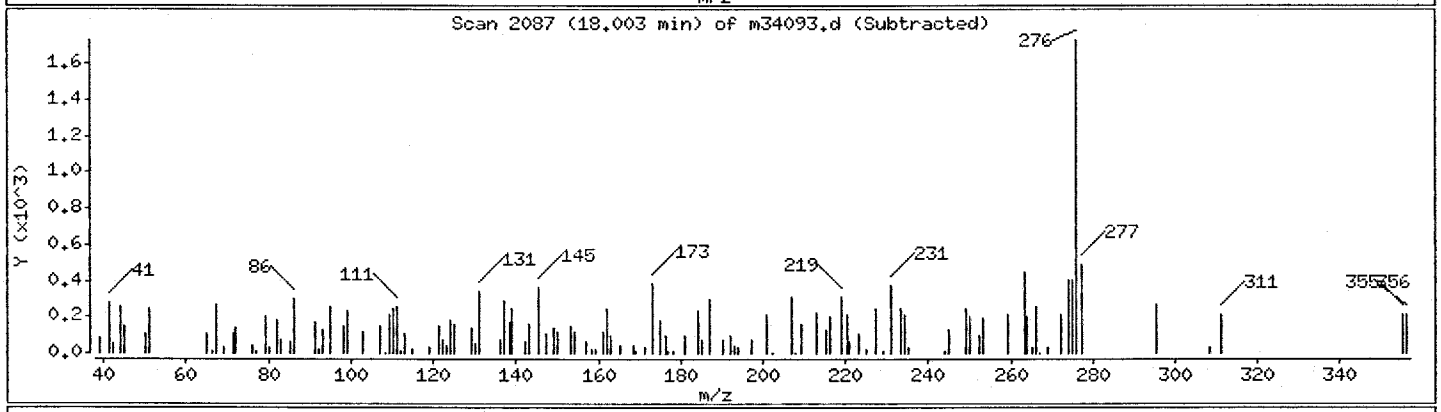
Sample Info: 908706;4225905

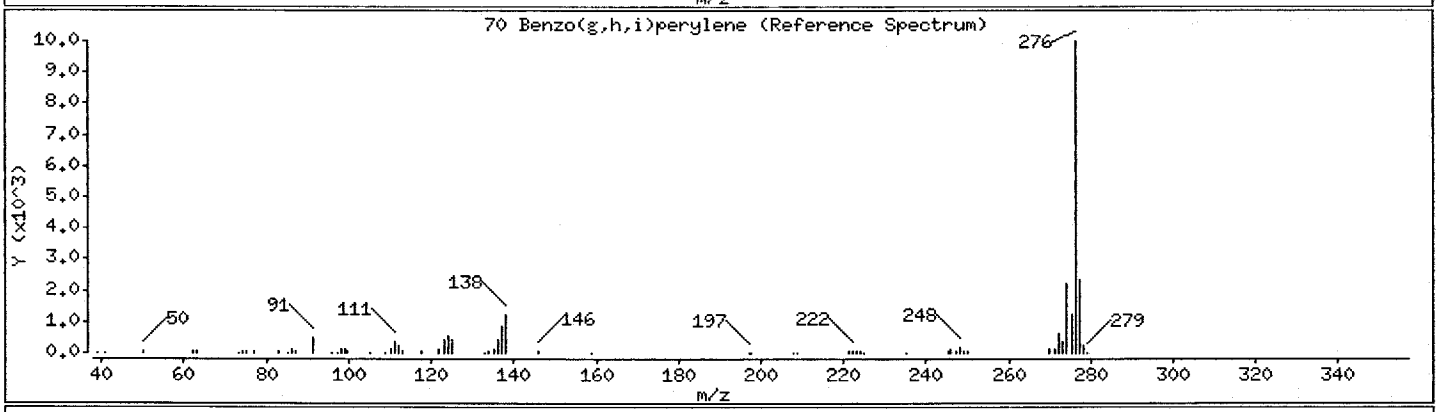
Operator: BNAMS 4

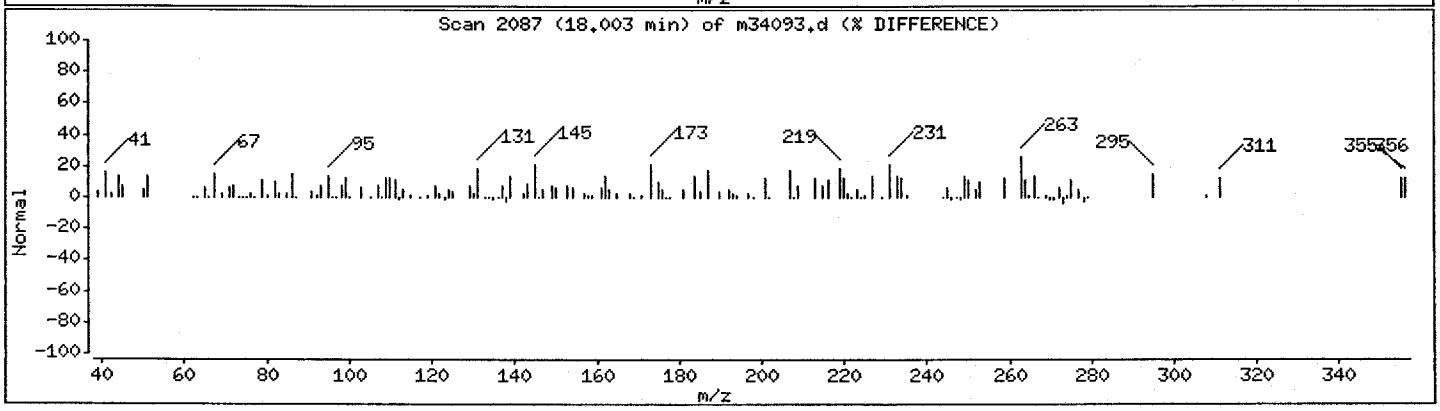
Column phase: DB-5 Column diameter: 0.25

70 Benzo(g,h,i)perylene Concentration: 24 ug/Kg









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Date : 08-APR-2008 13:15

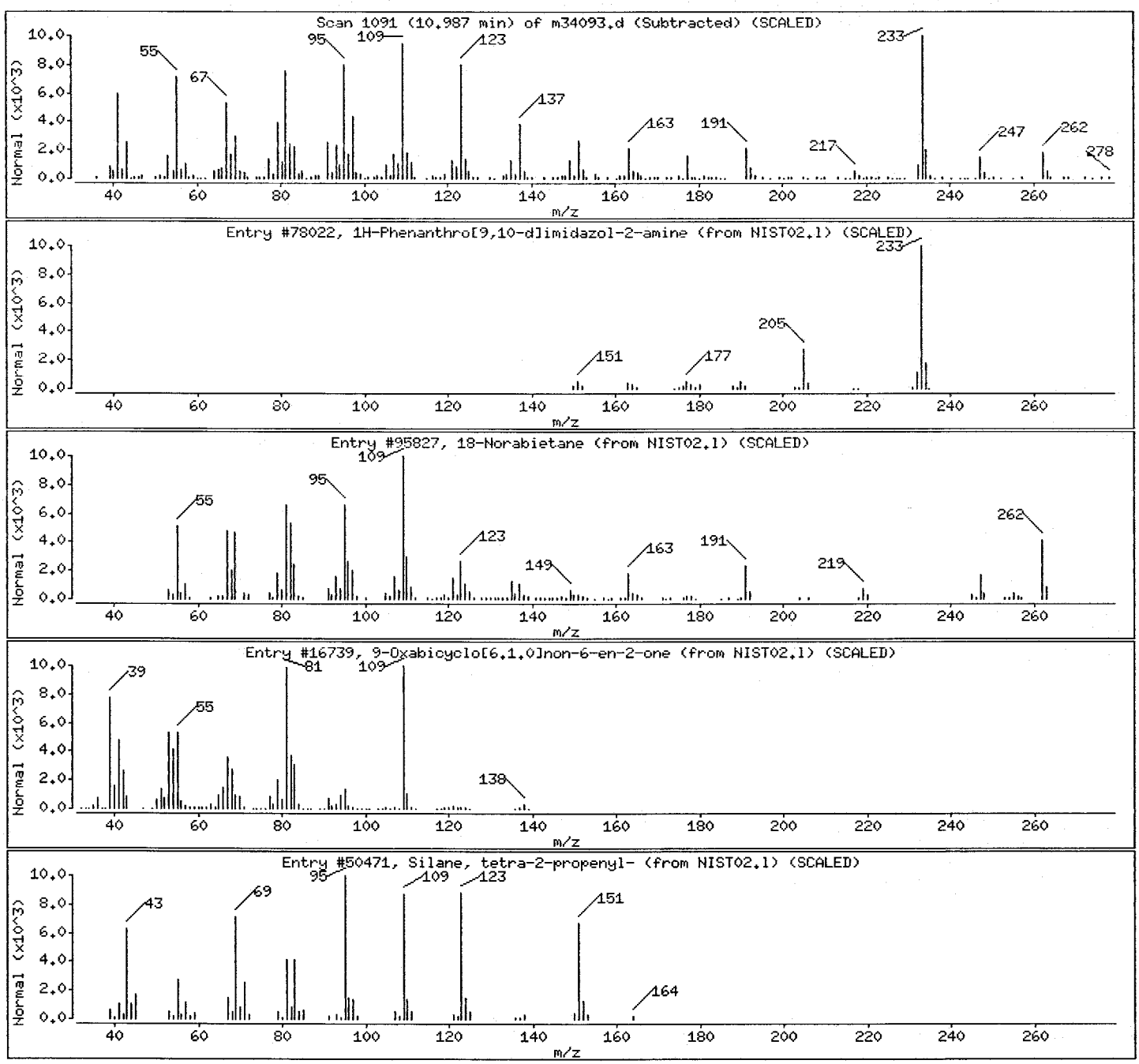
Client ID: 032608-1505 Instrument: BNAMS6.i

Sample Info: 908706;4225905

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1H-Phenanthro[9,10-d]imidazol-2-amine	37052-13-4	NIST02.l	78022	64	C15H11N3	233
18-Norabietane	1000293-16-6	NIST02.l	95827	59	C19H34	262
9-Oxabicyclo[6.1.0]non-6-en-2-one	1000211-01-6	NIST02.l	16739	35	C8H10O2	138
Silane, tetra-2-propenyl-	1112-66-9	NIST02.l	50471	35	C12H20Si	192



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Date : 08-APR-2008 13:15

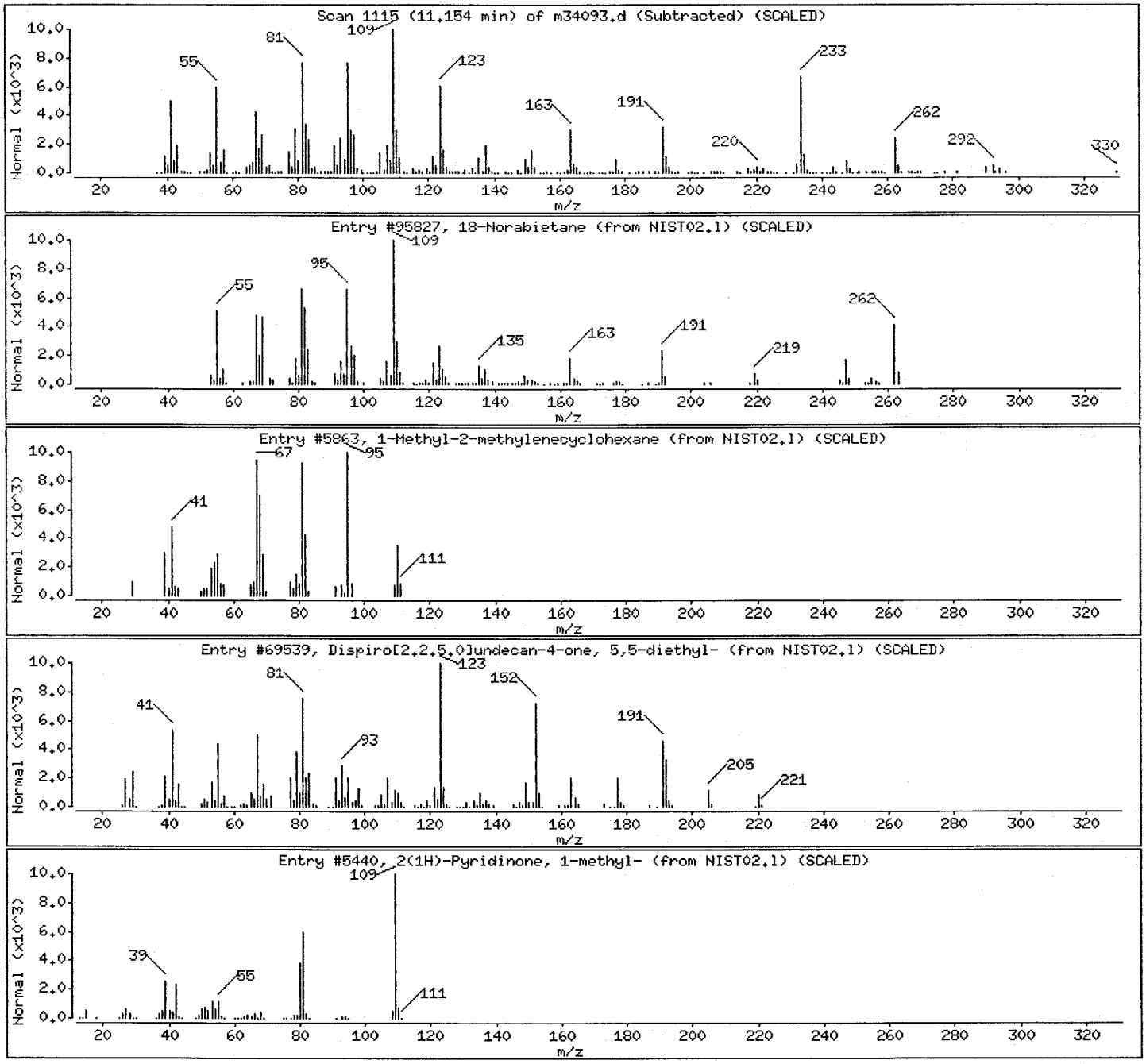
Client ID: 032608-1505 Instrument: BNAMS6.i

Sample Info: 908706;4225905

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
18-Norabietane	1000293-16-6	NIST02.l	95827	46	C19H34	262
1-Methyl-2-methylenecyclohexane	2808-75-5	NIST02.l	5863	42	C8H14	110
Dispiro[2.2.5.0]undecan-4-one, 5,5-dieth	1000152-13-8	NIST02.l	69539	38	C15H24O	220
2(1H)-Pyridinone, 1-methyl-	694-85-9	NIST02.l	5440	27	C6H7NO	109



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

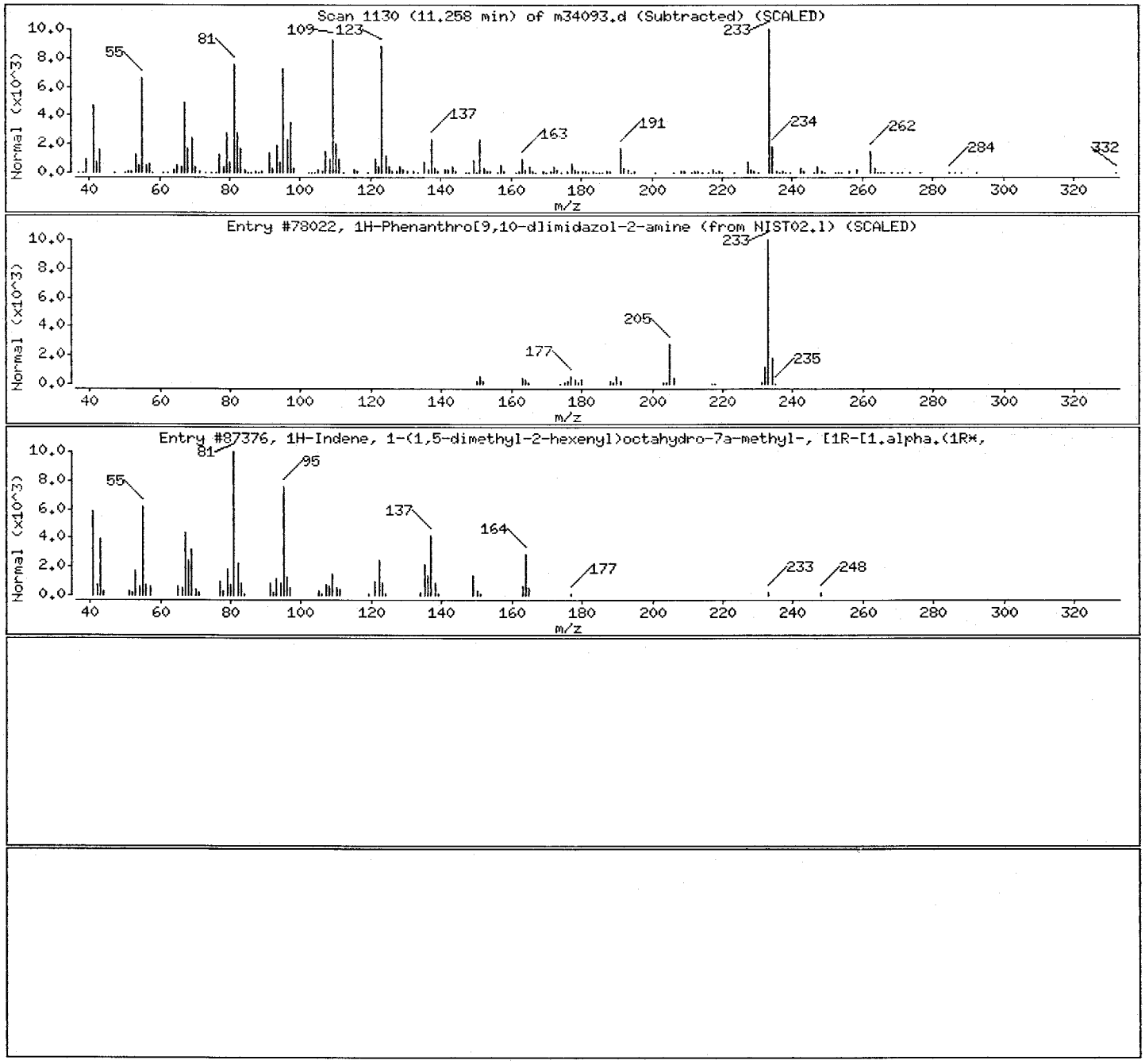
Client ID: 032608-1505 Instrument: BNAMS6.i

Sample Info: 908706;4225905

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1H-Phenanthro[9,10-d]imidazol-2-amine	37052-13-4	NIST02.l	78022	86	C15H11N3	233
1H-Indene, 1-(1,5-dimethyl-2-hexenyl)oct	54411-95-9	NIST02.l	87376	25	C18H32	248



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Date : 08-APR-2008 13:15

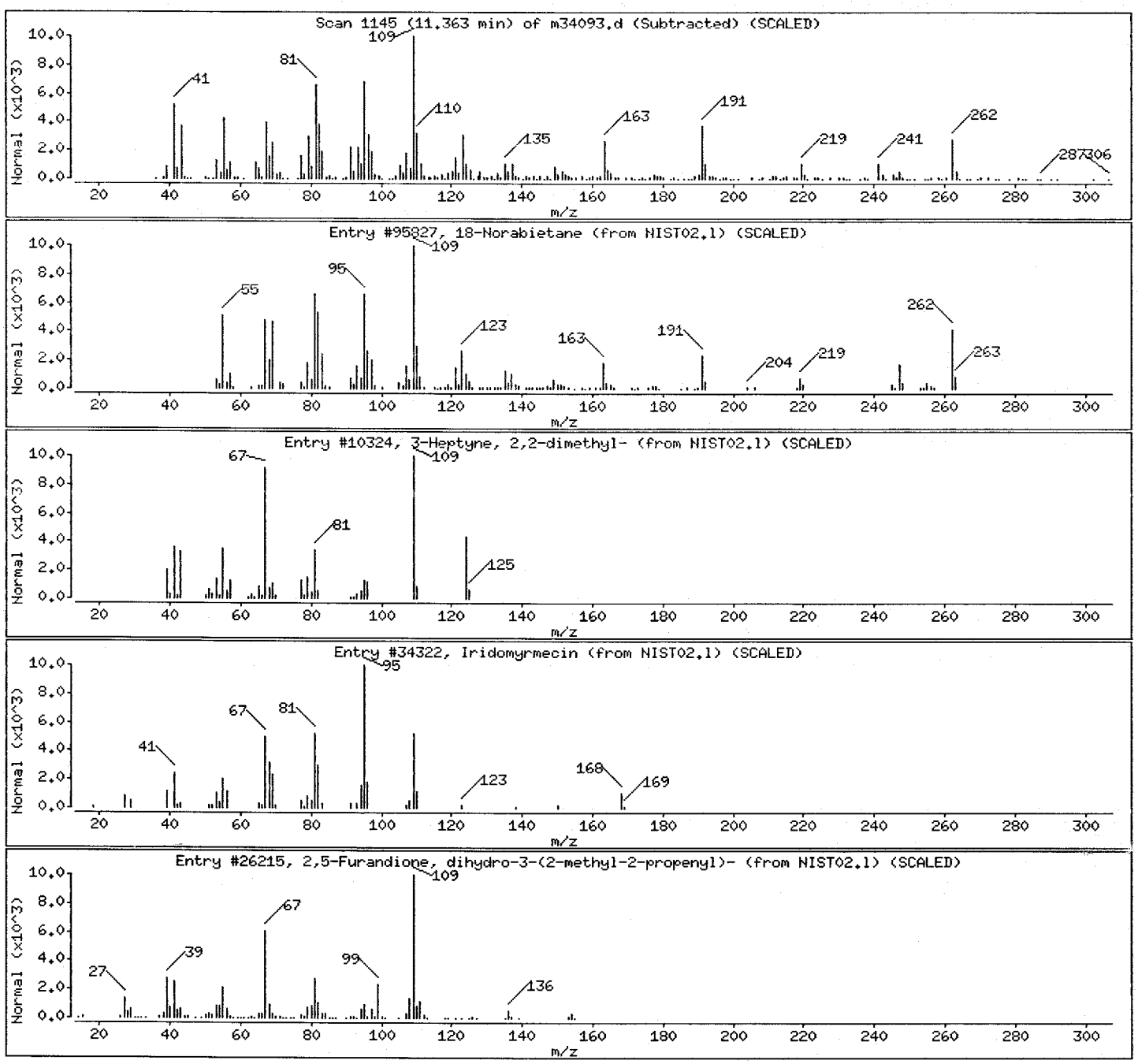
Client ID: 032608-1505 Instrument: BNAMS6.i

Sample Info: 908706;4225905

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
18-Norabietane	1000293-16-6	NIST02.l	95827	94	C19H34	262
3-Heptyne, 2,2-dimethyl-	29022-29-5	NIST02.l	10324	43	C9H16	124
Iridomyrmecin	485-43-8	NIST02.l	34322	38	C10H1602	168
2,5-Furandione, dihydro-3-(2-methyl-2-pr	18908-20-8	NIST02.l	26215	35	C8H1003	154



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34093.d

Date : 08-APR-2008 13:15

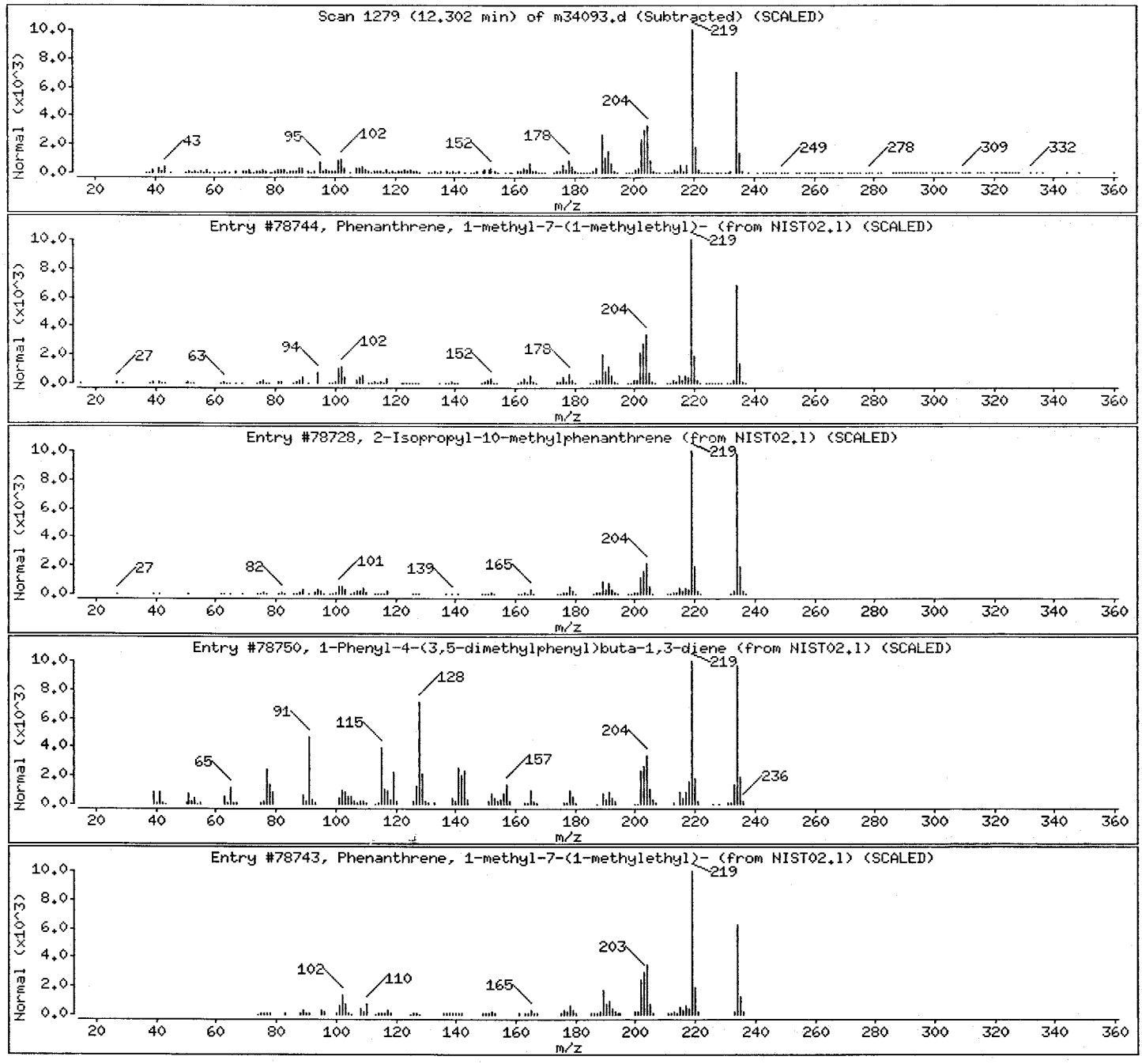
Client ID: 032608-1505 Instrument: BNAMS6.i

Sample Info: 908706;4225905

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C18H18 PAH						
Phenanthrene, 1-methyl-7-(1-methylethyl)	483-65-8	NIST02.l	78744	95	C18H18	234
2-Isopropyl-10-methylphenanthrene	66552-97-4	NIST02.l	78728	94	C18H18	234
1-Phenyl-4-(3,5-dimethylphenyl)buta-1,3-	1000202-15-0	NIST02.l	78750	87	C18H18	234
Phenanthrene, 1-methyl-7-(1-methylethyl)	483-65-8	NIST02.l	78743	83	C18H18	234



Client ID: **032608-1510**
Site: BP Hastings

Lab Sample No: **908707**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34097.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 40

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	560
2-Chlorophenol	ND	560
2-Methylphenol	ND	560
4-Methylphenol	1300	560
2-Nitrophenol	ND	560
2,4-Dimethylphenol	ND	560
2,4-Dichlorophenol	ND	560
4-Chloro-3-methylphenol	ND	560
2,4,6-Trichlorophenol	ND	560
2,4,5-Trichlorophenol	ND	560
2,4-Dinitrophenol	ND	1700
4-Nitrophenol	ND	1700
4,6-Dinitro-2-methylphenol	ND	1700
Pentachlorophenol	ND	1700

Client ID: **032608-1510**
Site: BP Hastings

Lab Sample No: **908707**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34097.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 40

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	56
1,3-Dichlorobenzene	ND	560
1,4-Dichlorobenzene	ND	560
1,2-Dichlorobenzene	ND	560
bis(2-chloroisopropyl)ether	ND	560
N-Nitroso-di-n-propylamine	ND	56
Hexachloroethane	ND	56
Nitrobenzene	ND	56
Isophorone	ND	560
bis(2-Chloroethoxy)methane	ND	560
1,2,4-Trichlorobenzene	ND	56
Naphthalene	290 J	560
4-Chloroaniline	ND	560
Hexachlorobutadiene	ND	110
2-Methylnaphthalene	82 J	560
Hexachlorocyclopentadiene	ND	560
2-Chloronaphthalene	ND	560
2-Nitroaniline	ND	1100
Dimethylphthalate	ND	560
Acenaphthylene	16 J	560
2,6-Dinitrotoluene	ND	110
3-Nitroaniline	ND	1100
Acenaphthene	160 J	560
Dibenzofuran	98 J	560
2,4-Dinitrotoluene	ND	110
Diethylphthalate	ND	560
4-Chlorophenyl-phenylether	ND	560
Fluorene	180 J	560
4-Nitroaniline	ND	1100
N-Nitrosodiphenylamine	ND	560
4-Bromophenyl-phenylether	ND	560
Hexachlorobenzene	ND	56
Phenanthrene	1200	560
Anthracene	300 J	560

Client ID: **032608-1510**
Site: BP Hastings

Lab Sample No: **908707**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34097.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 40

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	63 J	560
Di-n-butylphthalate	ND	560
Fluoranthene	1300	560
Pyrene	1500	560
Butylbenzylphthalate	ND	560
3,3'-Dichlorobenzidine	ND	1100
Benzo(a)anthracene	710	56
Chrysene	810	560
bis(2-Ethylhexyl)phthalate	ND	560
Di-n-octylphthalate	ND	560
Benzo(b)fluoranthene	630	56
Benzo(k)fluoranthene	690	56
Benzo(a)pyrene	710	56
Indeno(1,2,3-cd)pyrene	200	56
Dibenz(a,h)anthracene	68	56
Benzo(g,h,i)perylene	220 J	560

Client ID: **032608-1510**
Site: BP Hastings

Lab Sample No: **908707**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34097.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 40.3

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Toluene	3.55	510	
2. Unknown	11.15	470	
3. Unknown	11.26	1200	
4. 18-Norabietane	11.37	1400	
5. Unknown Alkane	11.45	510	
6. C18H18 PAH	12.30	600	
7. Unknown	13.31	470	
8. Unknown Alkane	14.60	510	
9. C20H12 PAH	15.30	600	
10. Unknown Alkane	15.57	500	
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
TOTAL ESTIMATED CONCENTRATION		6770	

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d
Report Date: 10-Apr-2008 20:41

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d
Lab Smp Id: 908707 Client Smp ID: 032608-1510
Inj Date : 08-APR-2008 14:50
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : 908707;4225906
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS6.i/8270/04-02-08/08apr08.b/8270C_08.m
Meth Date : 09-Apr-2008 09:19 monica Quant Type: ISTD
Cal Date : 02-APR-2008 22:21 Cal File: m33969.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50

WB 4

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	40.30000	% Moisture

Cpnd Variable Local Compound Variable

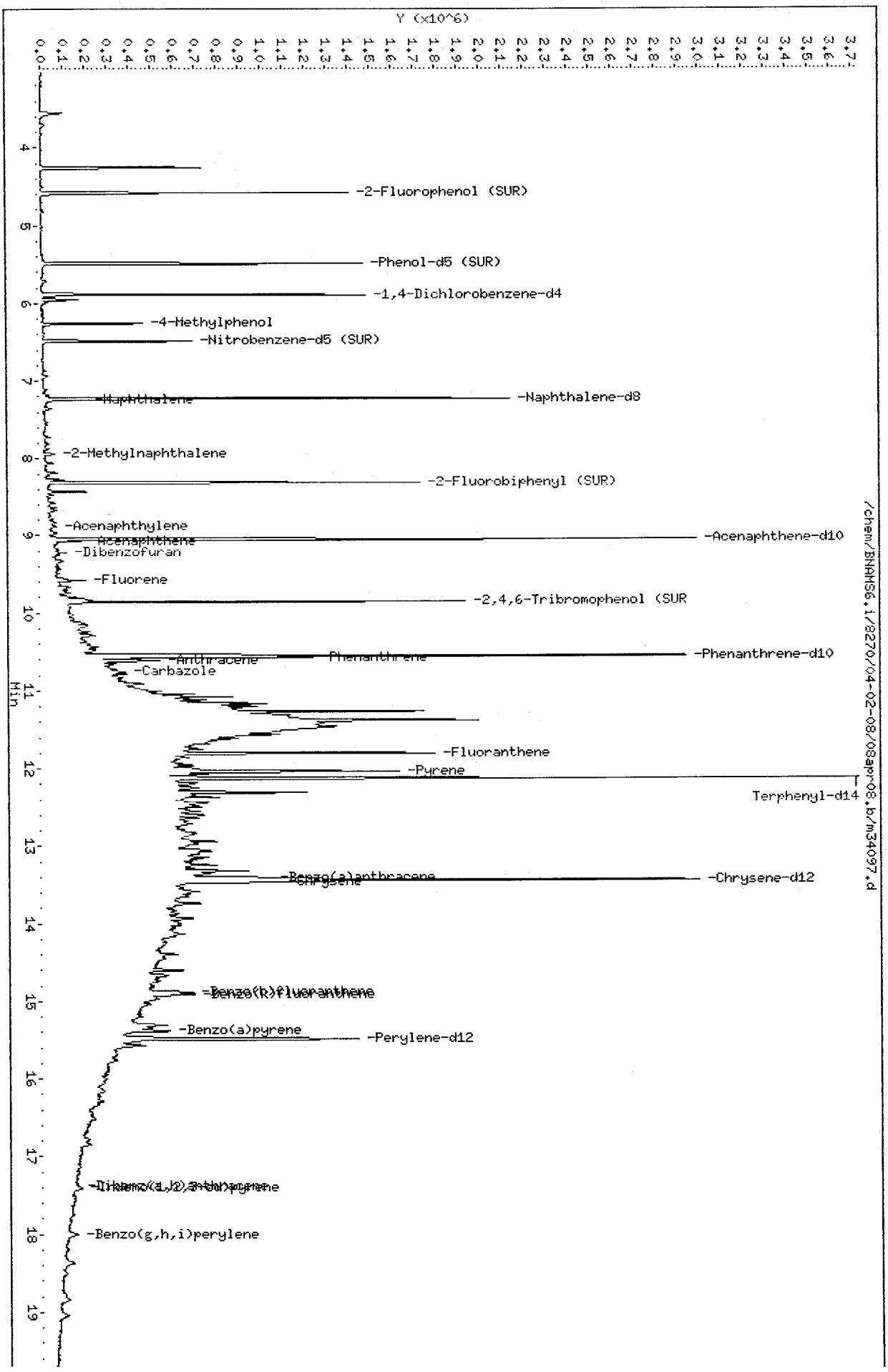
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.581	4.578	(0.778)	415161	48.9800	5500
$ 17 Phenol-d5 (SUR)	99	5.490	5.497	(0.932)	553300	49.1377	5500
* 79 1,4-Dichlorobenzene-d4	152	5.889	5.891	(1.000)	271918	40.0000	
4 4-Methylphenol	108	6.260	6.281	(1.063)	105344	11.3656	1300
$ 76 Nitrobenzene-d5 (SUR)	82	6.488	6.502	(0.898)	215291	23.4242	2600
* 80 Naphthalene-d8	136	7.227	7.228	(1.000)	1069933	40.0000	
31 Naphthalene	128	7.242	7.251	(1.002)	68353	2.58435	290(a)
34 2-Methylnaphthalene	142	7.946	7.952	(1.100)	13098	0.73637	82(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.313	8.322	(0.919)	574427	26.4651	3000
39 Acenaphthylene	152	8.892	8.898	(0.983)	4516	0.14822	16(a)
* 82 Acenaphthene-d10	164	9.046	9.053	(1.000)	732244	40.0000	
42 Acenaphthene	154	9.075	9.083	(1.003)	29277	1.45714	160(a)
43 Dibenzofuran	168	9.230	9.240	(1.020)	25323	0.88116	98(a)
47 Fluorene	166	9.585	9.588	(1.060)	35568	1.57354	180(a)

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d
Report Date: 10-Apr-2008 20:41

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.852	9.854	(1.089)	210959	47.7648	5300
* 83 Phenanthrene-d10	188	10.549	10.549	(1.000)	1222370	40.0000	
52 Phenanthrene	178	10.570	10.571	(1.002)	399305	10.8071	1200
53 Anthracene	178	10.612	10.623	(1.006)	98933	2.67289	300(a)
54 Carbazole	167	10.758	10.763	(1.020)	19431	0.56861	63(a)
56 Fluoranthene	202	11.796	11.782	(1.118)	419368	11.5043	1300
57 Pyrene	202	12.028	12.032	(0.896)	463869	13.6506	1500
$ 78 Terphenyl-d14	244	12.120	12.119	(0.902)	970043	37.6597	4200
61 Benzo(a)anthracene	228	13.397	13.402	(0.997)	200659	6.37430	710
* 81 Chrysene-d12	240	13.432	13.429	(1.000)	1230046	40.0000	
62 Chrysene	228	13.460	13.464	(1.002)	207885	7.29183	810
65 Benzo(b)fluoranthene	252	14.880	14.893	(0.961)	130681	5.63433	630
66 Benzo(k)fluoranthene	252	14.908	14.929	(0.963)	126580	6.18819	690
67 Benzo(a)pyrene	252	15.387	15.399	(0.994)	118654	6.35694	710
* 84 Perylene-d12	264	15.486	15.487	(1.000)	658984	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	17.414	17.463	(1.124)	32748	1.77970	200
69 Dibenz(a,h)anthracene	278	17.393	17.450	(1.123)	9590	0.61014	68(H)
70 Benzo(g,h,i)perylene	276	18.001	18.055	(1.162)	29655	1.99396	220(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.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Date : 08-APR-2008 14:50
Client ID: 032608-1510
Sample Info: 908707;4225906
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-4-Methylphenol
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Methylnaphthalene
-2-Fluorobiphenyl (SUR)
-Acenaphthylene
-Acenaphthene-d10
-Dibenzofuran
-Fluorene
-2,4,6-Tribromophenol (SUR
-Phenanthrene-d10
-Carbazole
-Fluoranthene
-Pyrene
Terphenyl-d14
-Chrysene-d12
-Benzo(b)fluoranthene
-Benzo(a)pyrene
-Perylene-d12
-Benzo(g,h,i)perylene
/chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

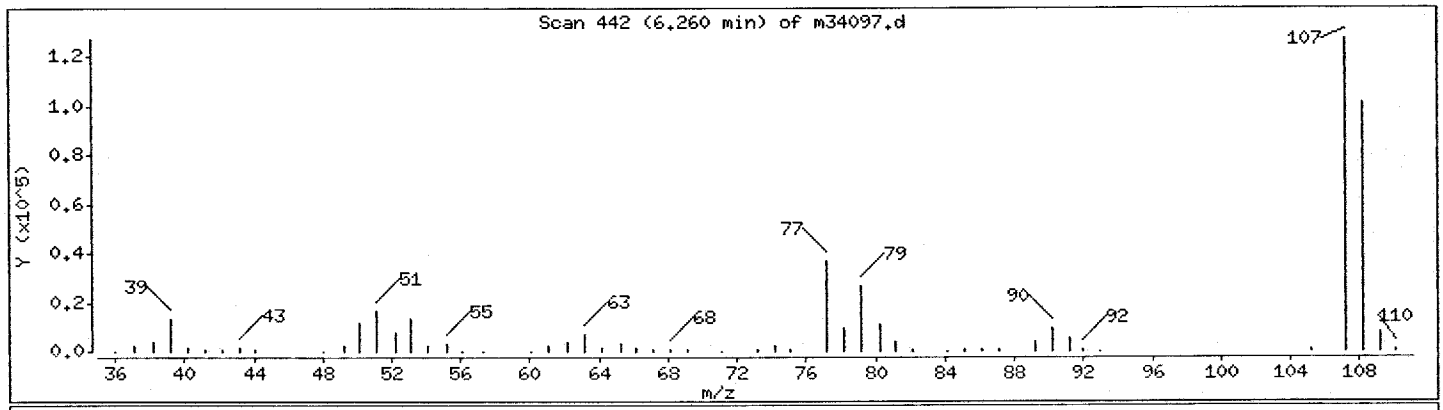
Client ID: 032608-1510 Instrument: BNAMS6.i

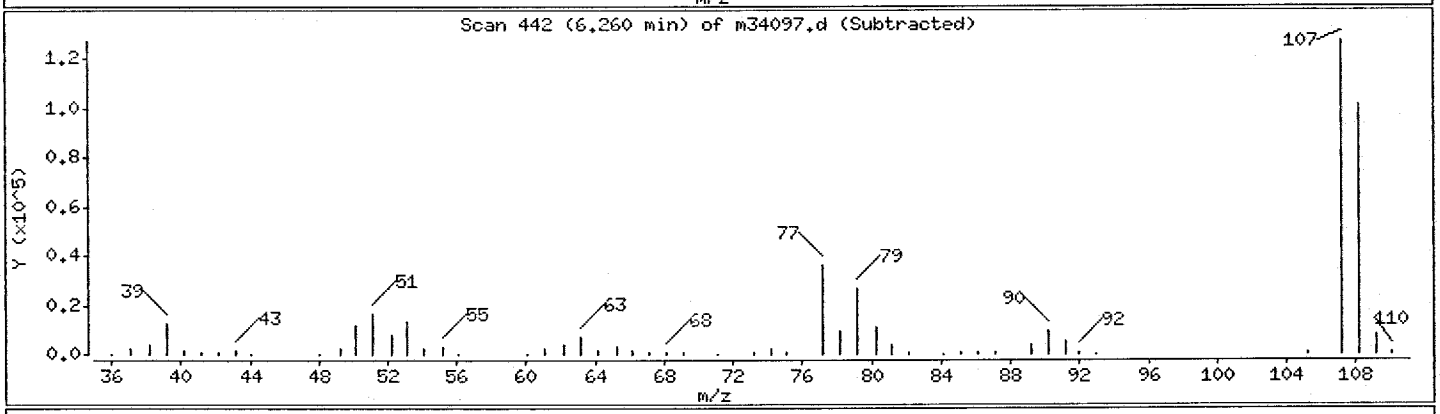
Sample Info: 908707;4225906

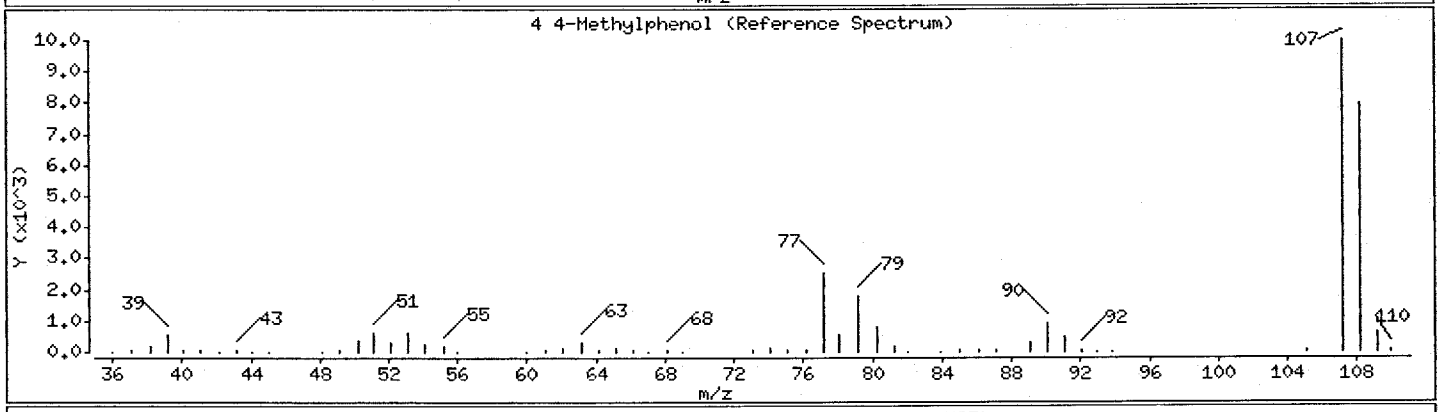
Operator: BNAMS 4

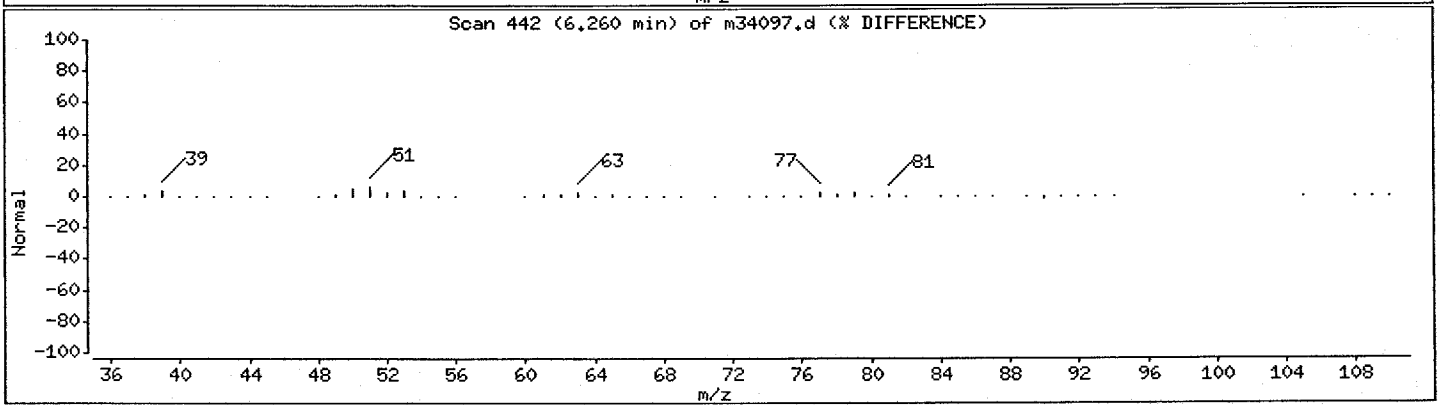
Column phase: DB-5 Column diameter: 0.25

4 4-Methylphenol Concentration: 1300 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

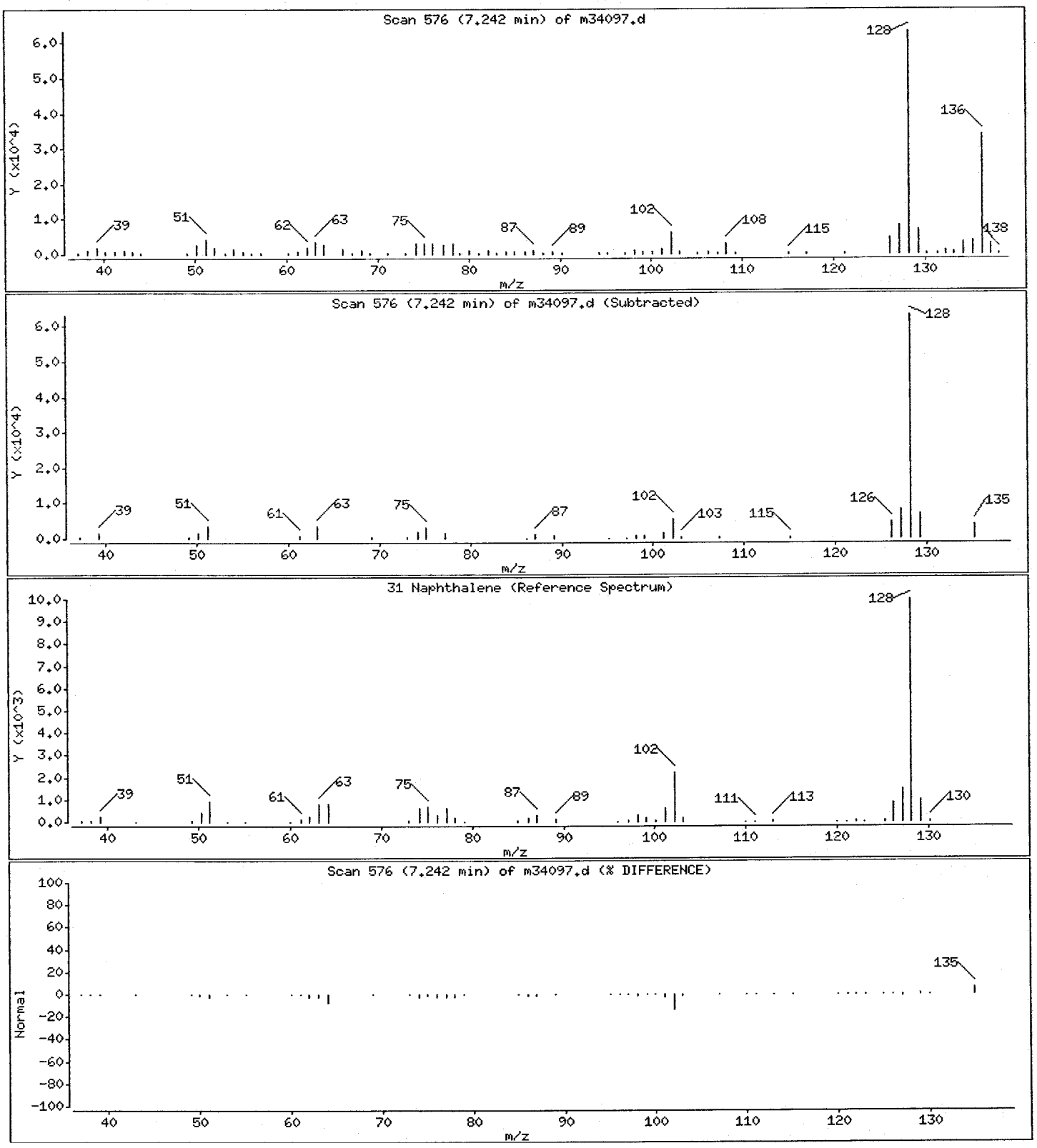
Client ID: 032608-1510 Instrument: BNAMS6.i

Sample Info: 908707;4225906

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 290 ug/Kg



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

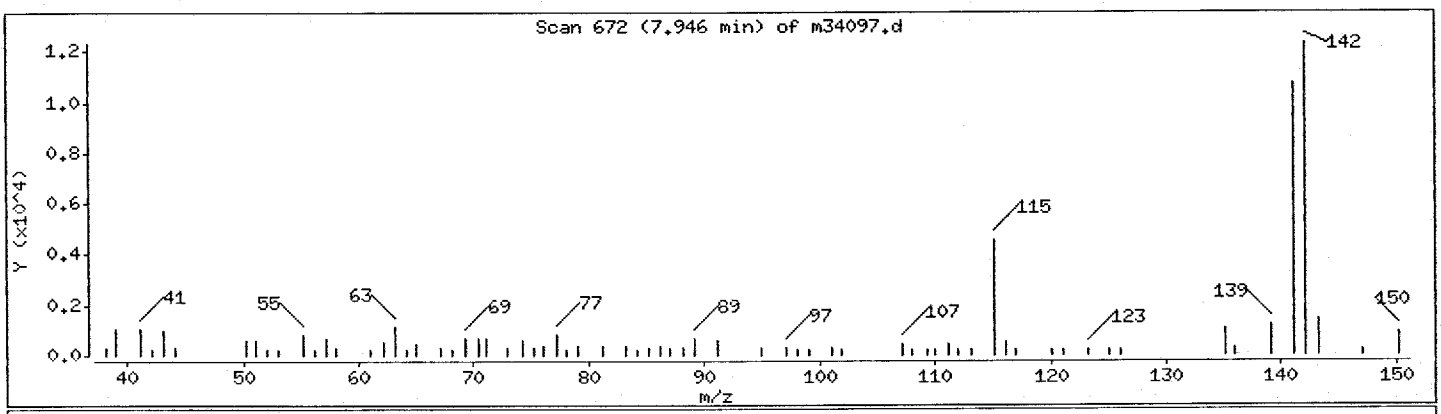
Client ID: 032608-1510 Instrument: BNAMS6.i

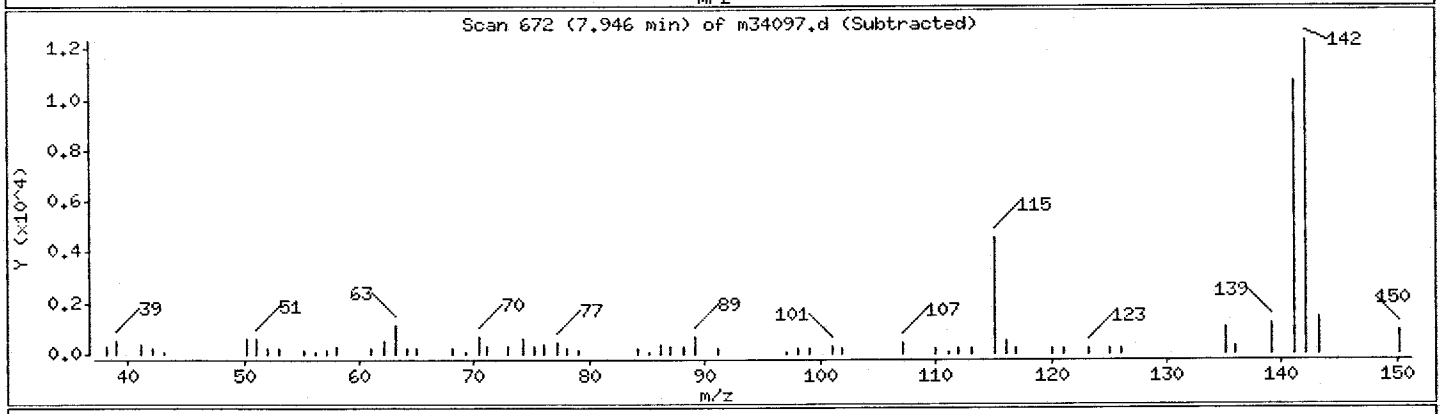
Sample Info: 908707;4225906

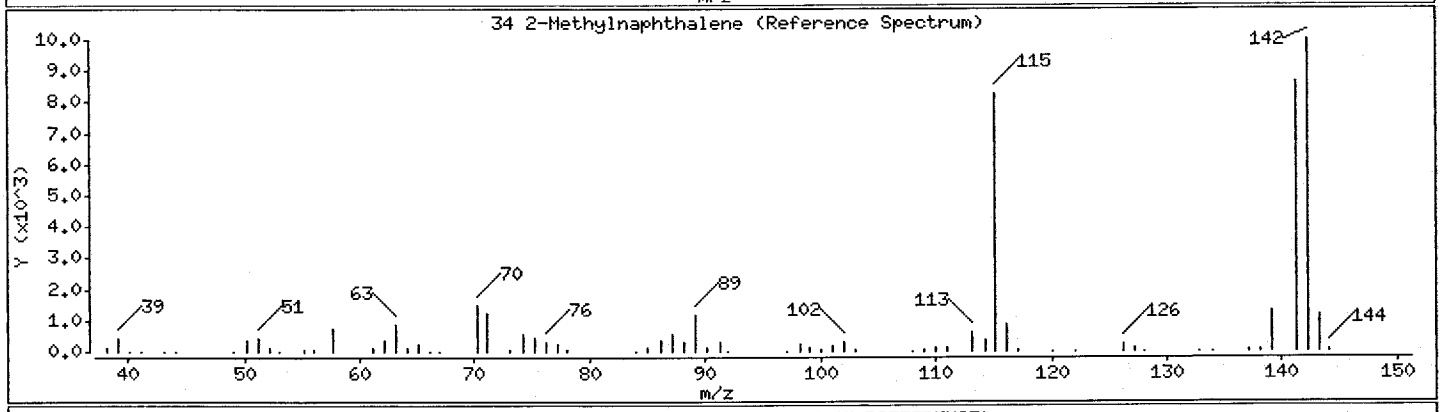
Operator: BNAMS 4

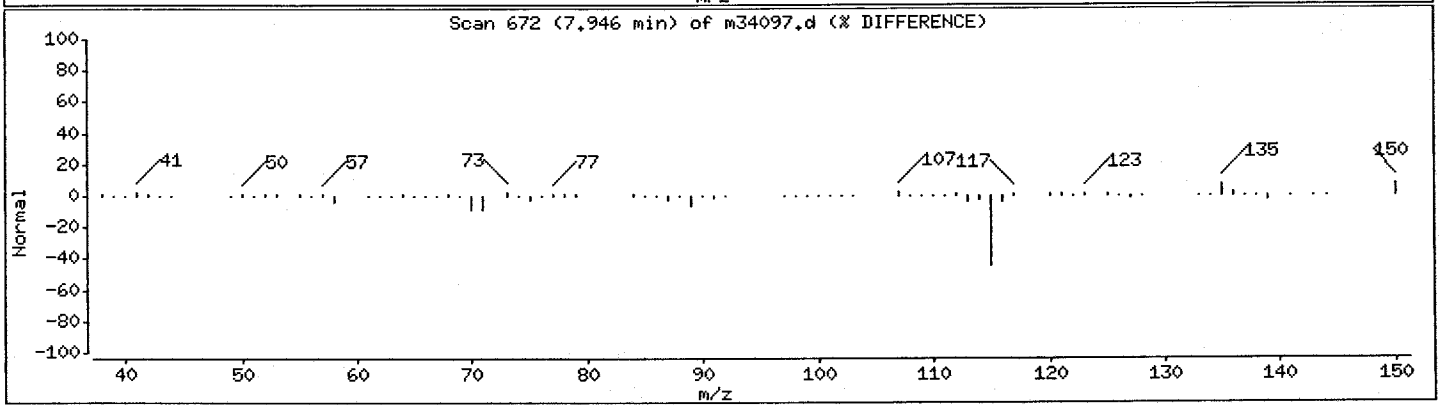
Column phase: DB-5 Column diameter: 0.25

34 2-Methylnaphthalene Concentration: 82 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

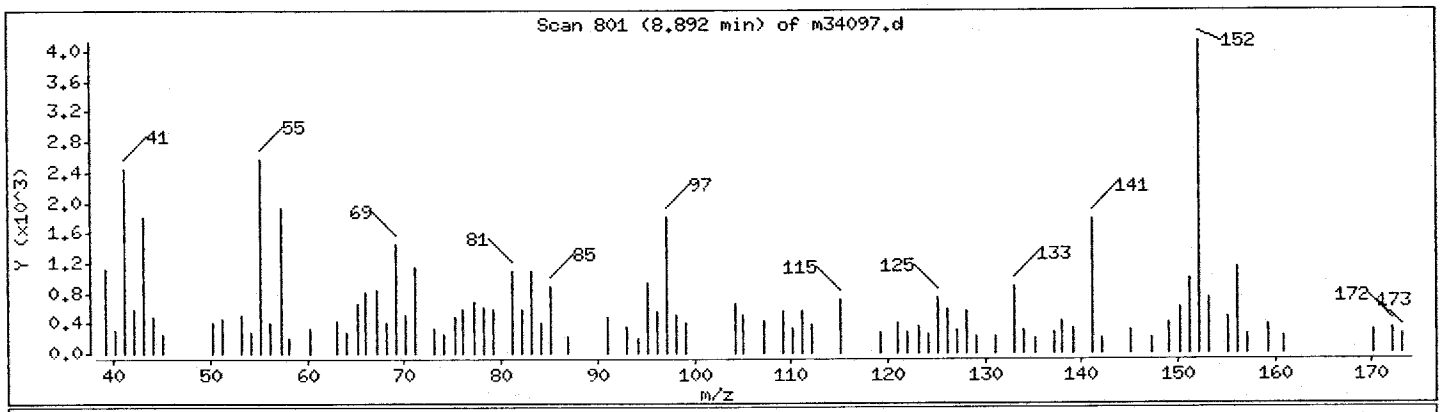
Client ID: 032608-1510 Instrument: BNAMS6.i

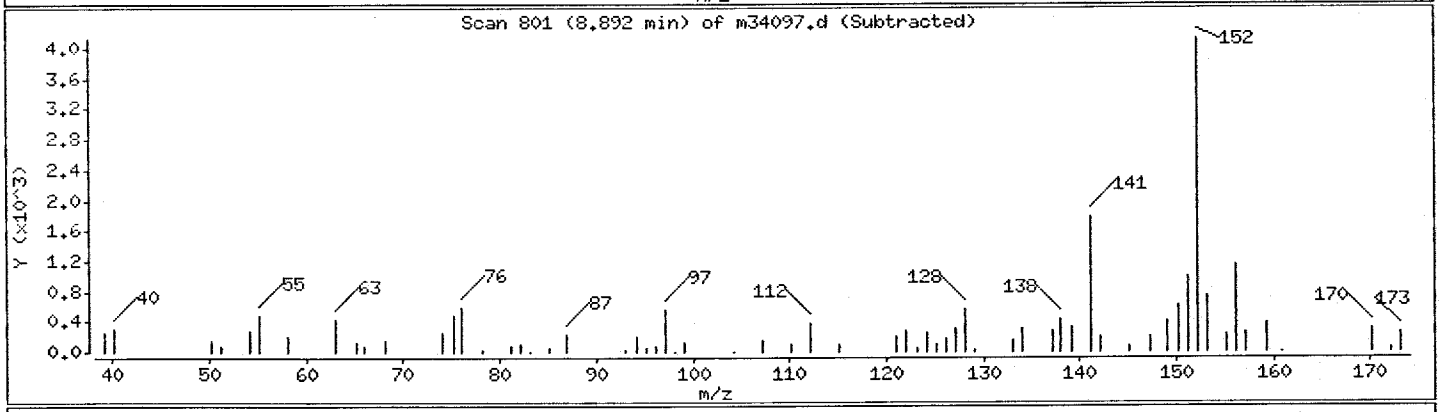
Sample Info: 908707;4225906

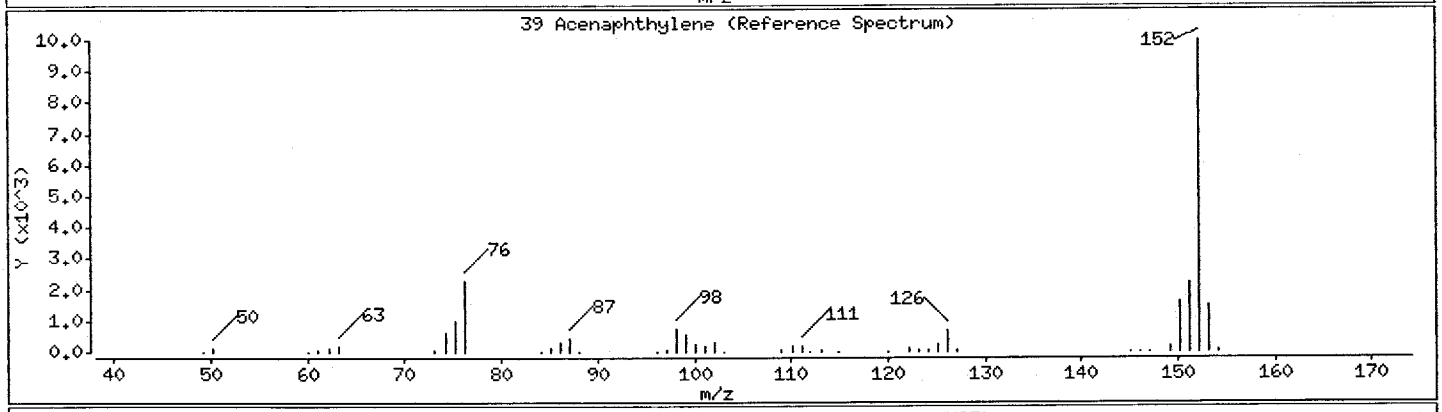
Operator: BNAMS 4

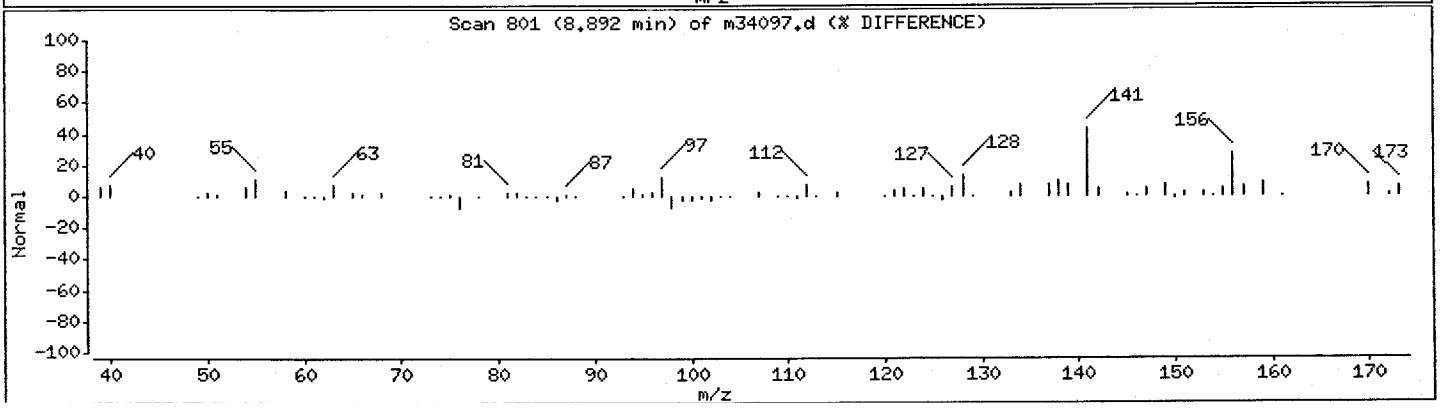
Column phase: DB-5 Column diameter: 0.25

39 Acenaphthylene Concentration: 16 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

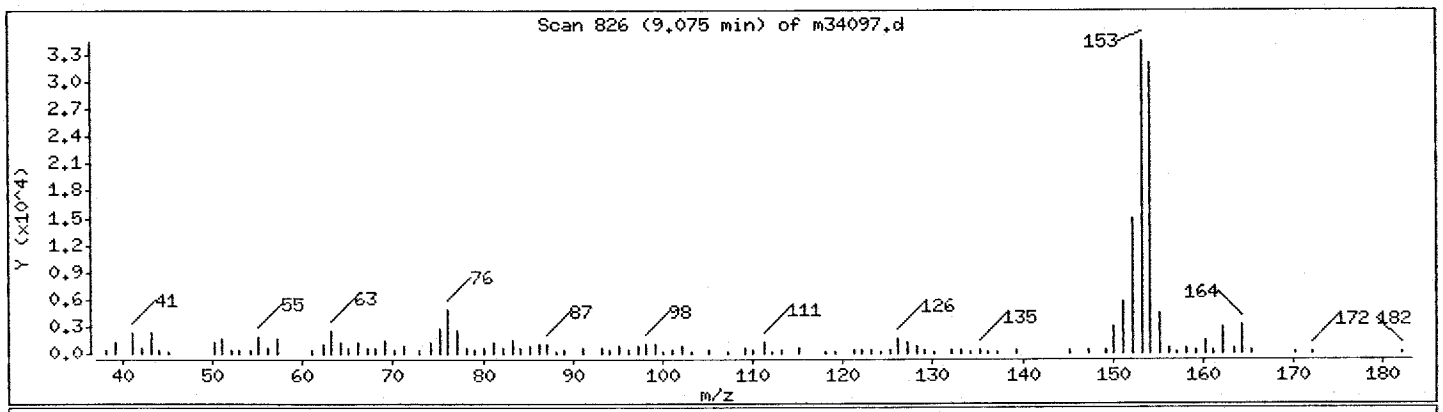
Client ID: 032608-1510 Instrument: BNAMS6.i

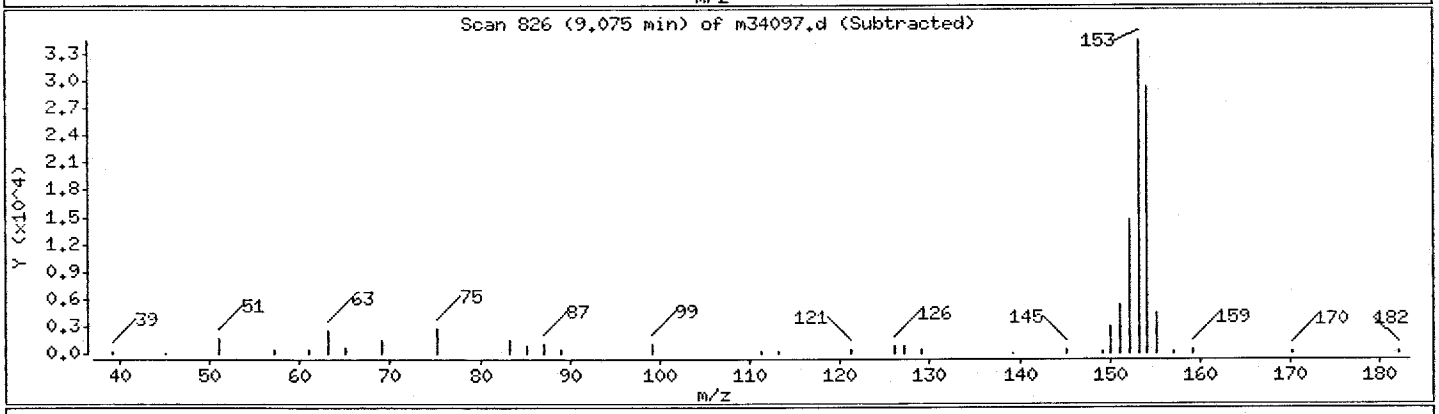
Sample Info: 908707;4225906

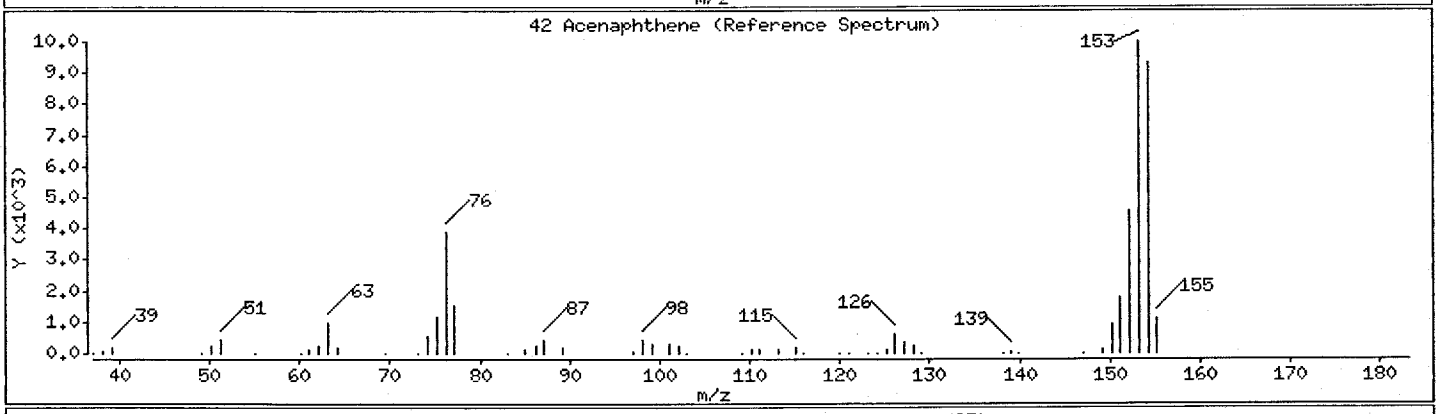
Operator: BNAMS 4

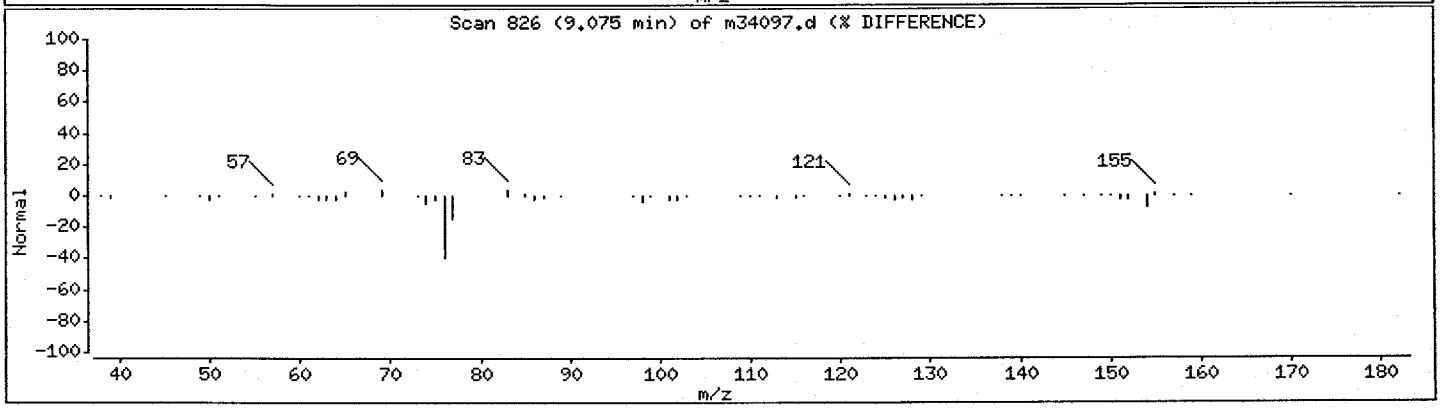
Column phase: DB-5 Column diameter: 0.25

42 Acenaphthene Concentration: 160 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

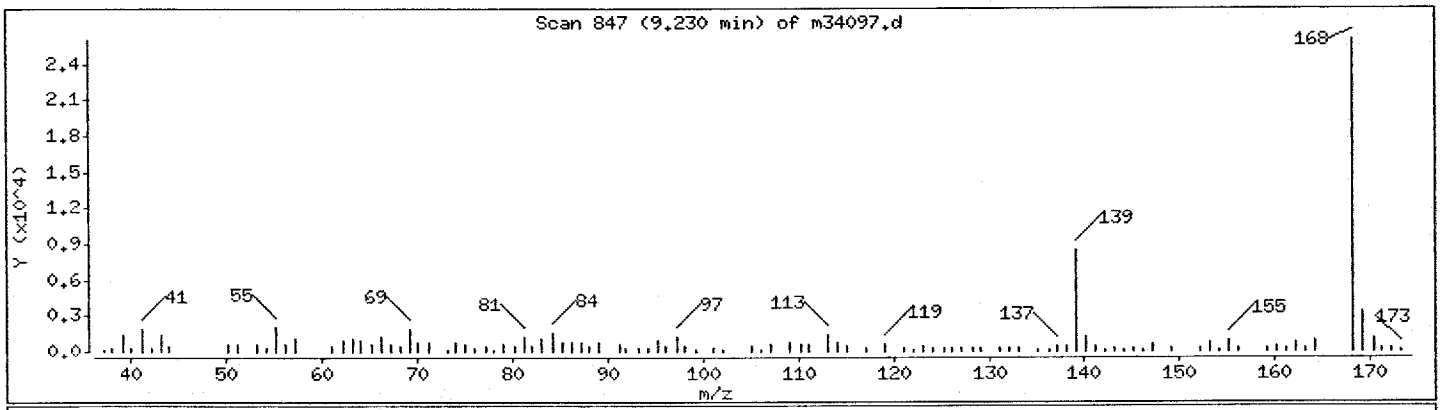
Client ID: 032608-1510 Instrument: BNAMS6.i

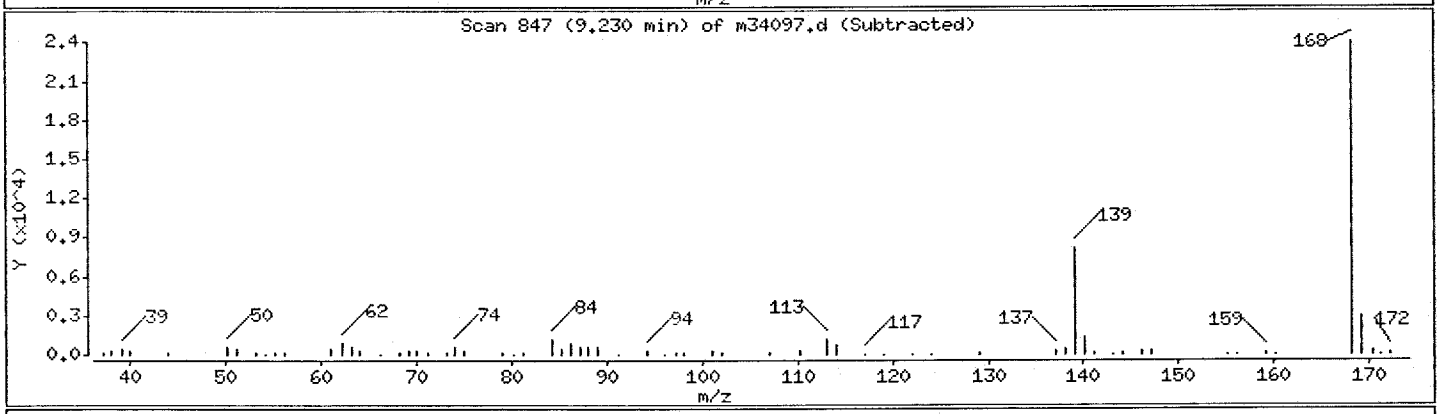
Sample Info: 908707;4225906

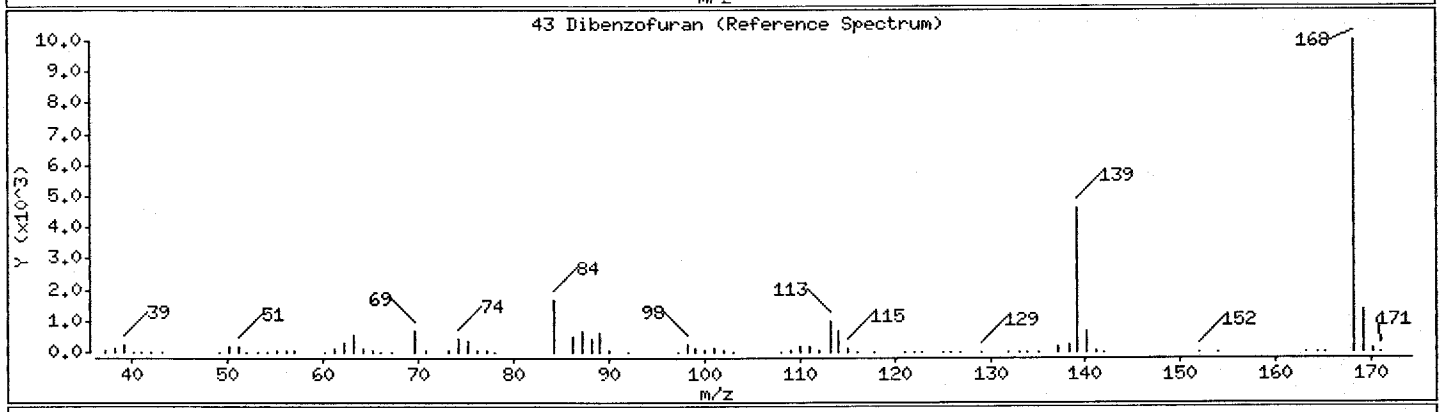
Operator: BNAMS 4

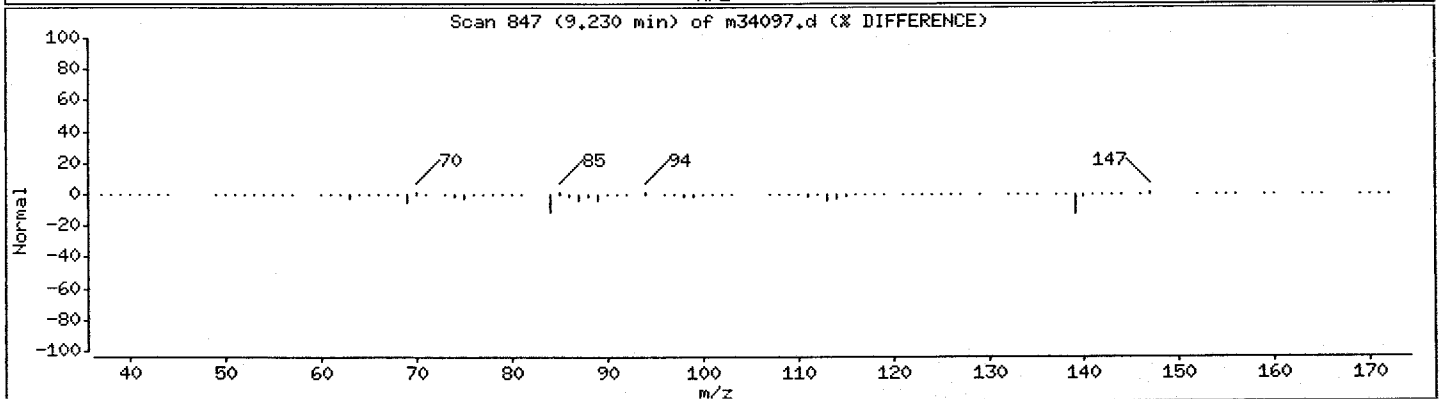
Column phase: DB-5 Column diameter: 0.25

43 Dibenzofuran Concentration: 98 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

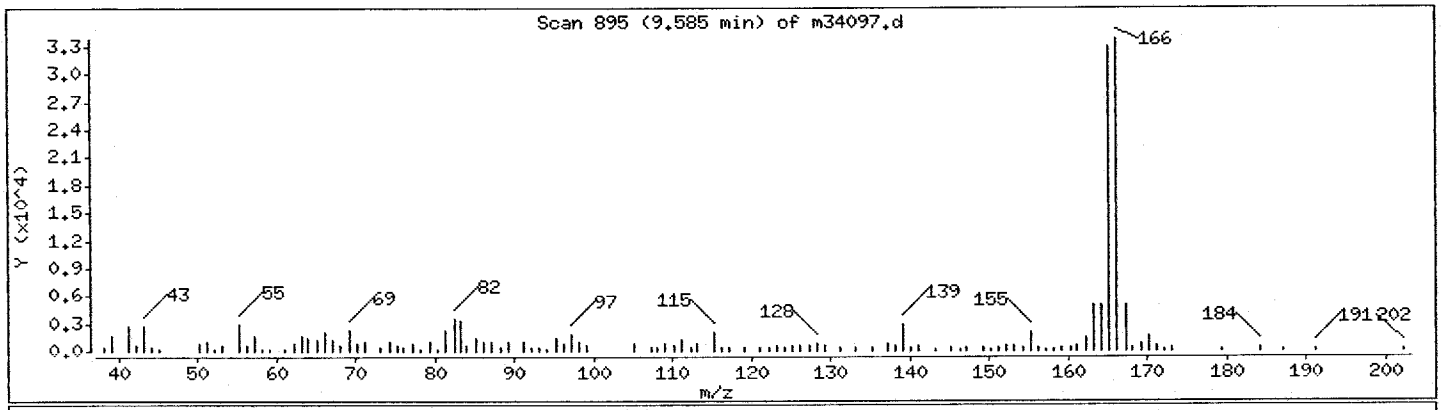
Client ID: 032608-1510 Instrument: BNAMS6.i

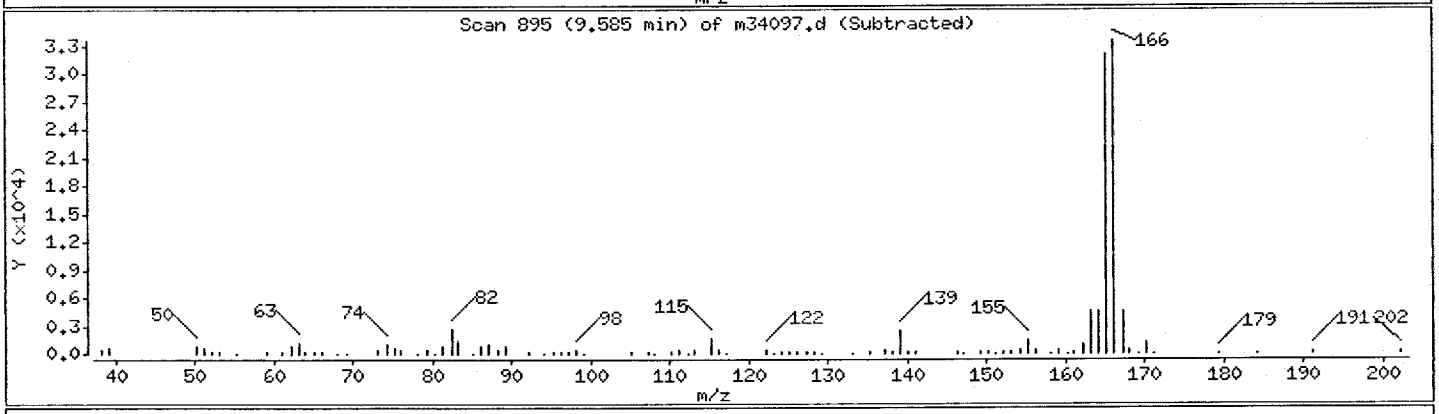
Sample Info: 908707;4225906

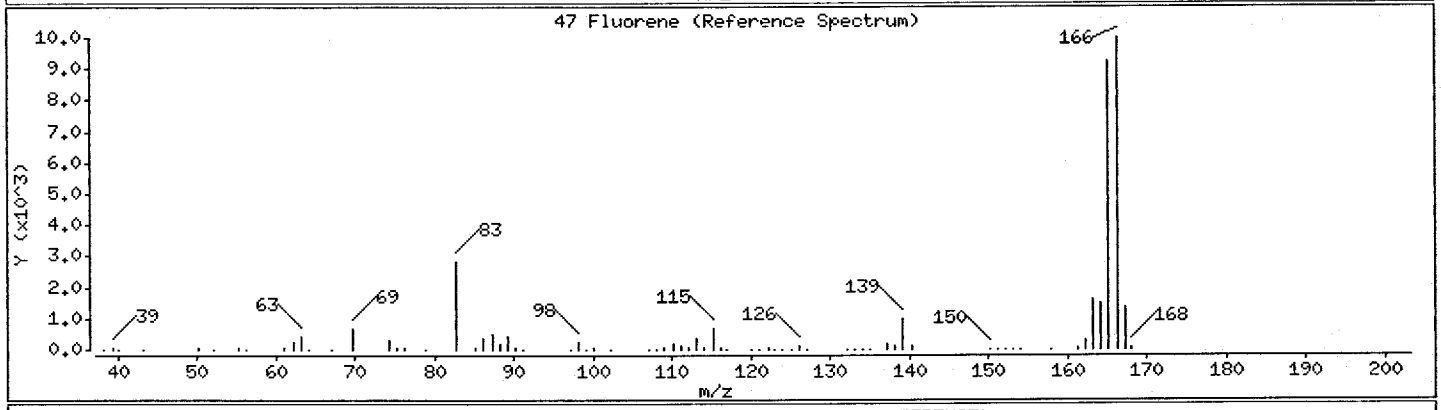
Operator: BNAMS 4

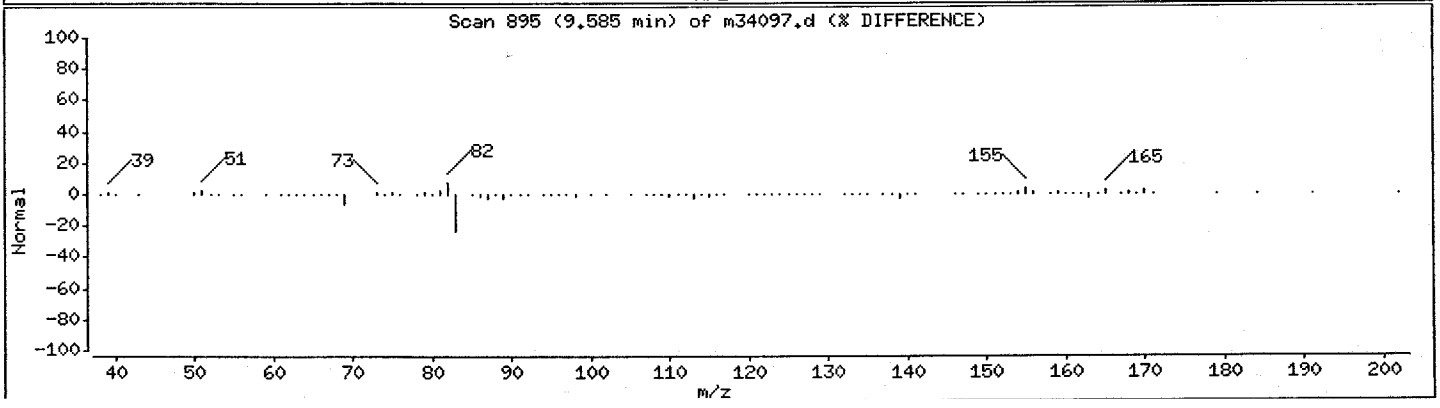
Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 180 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

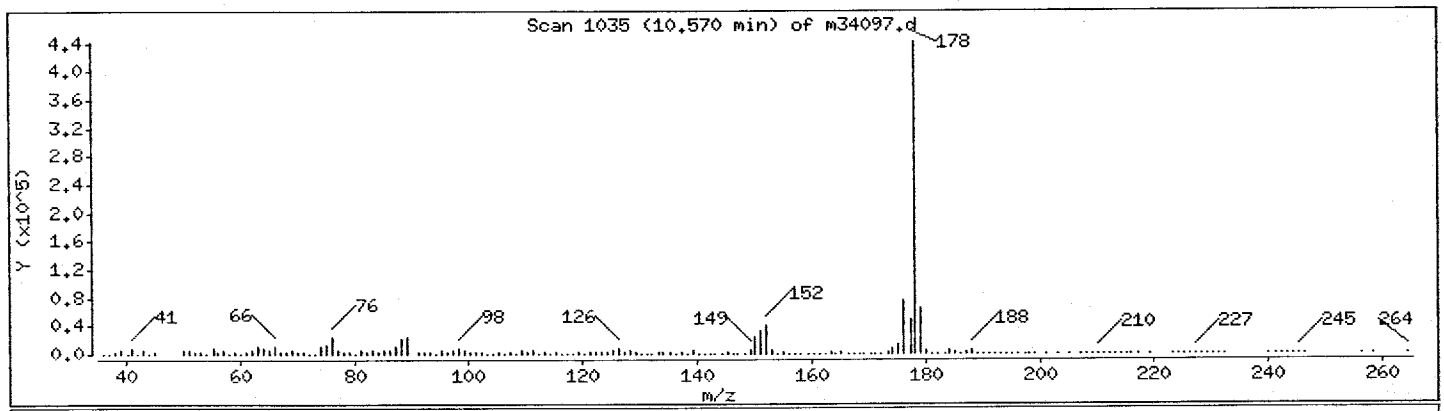
Client ID: 032608-1510 Instrument: BNAMS6.i

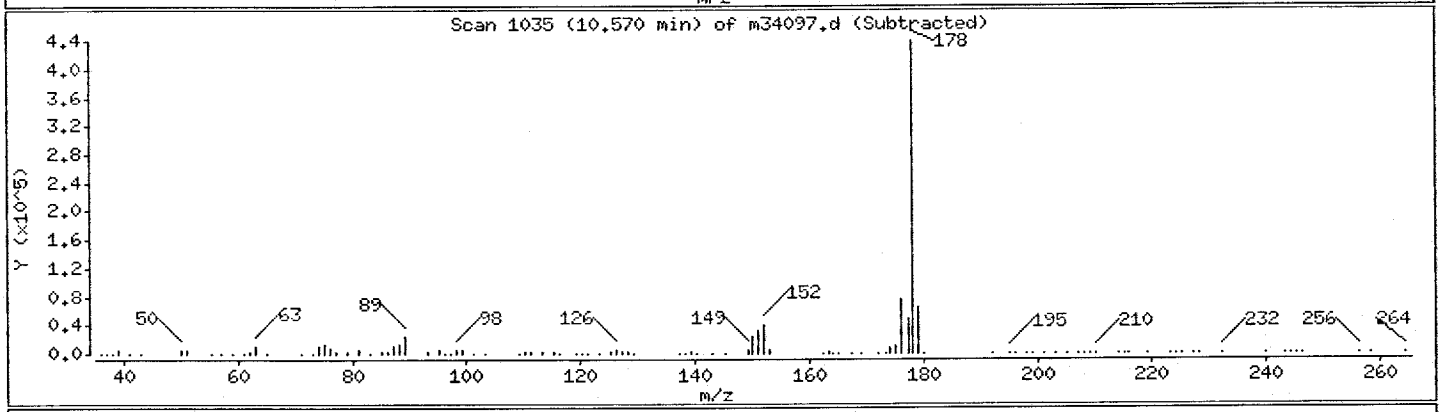
Sample Info: 908707;4225906

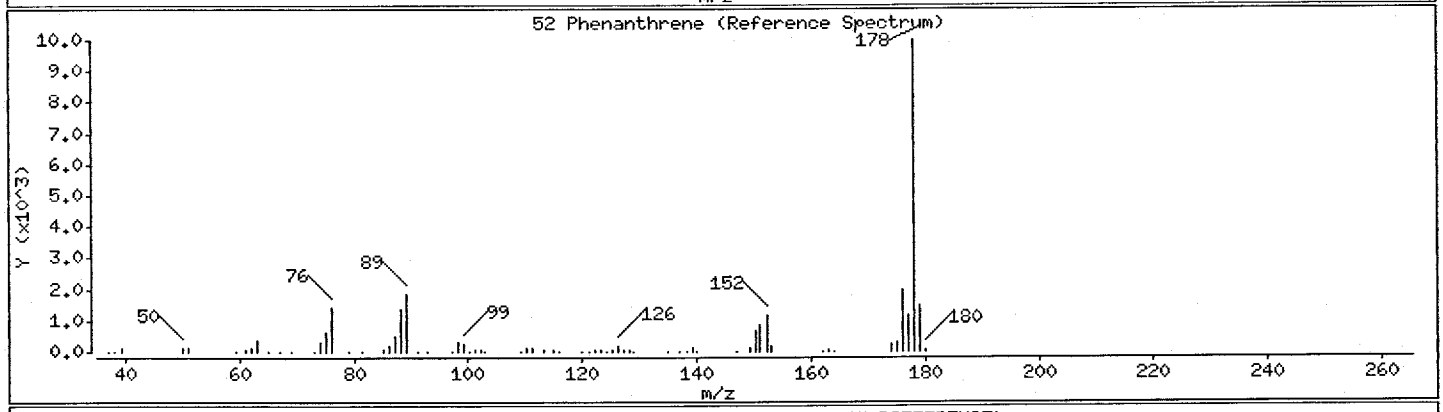
Operator: BNAMS 4

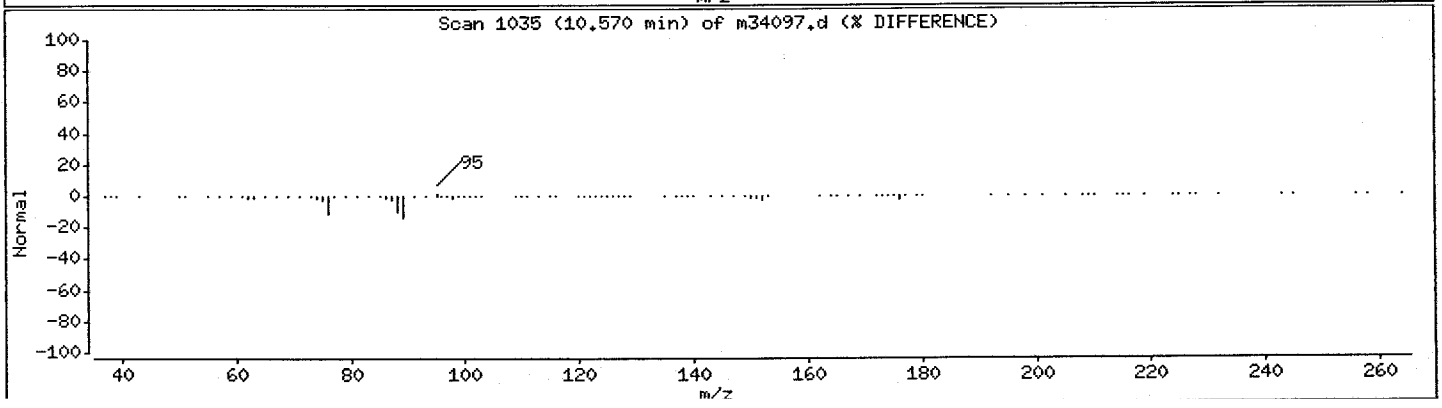
Column phase: DB-5 Column diameter: 0.25

52 Phenanthrene Concentration: 1200 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

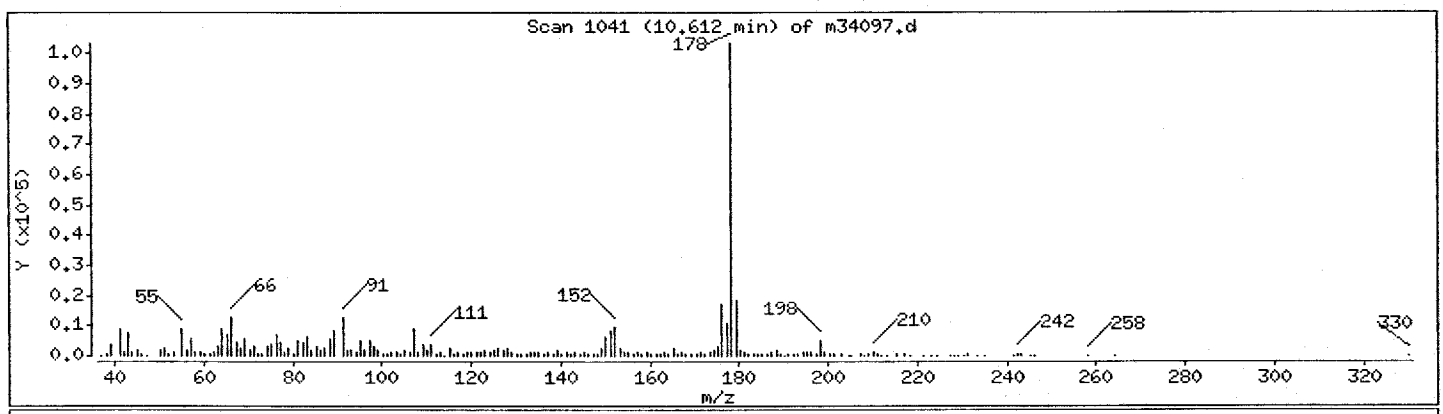
Client ID: 032608-1510 Instrument: BNAMS6.i

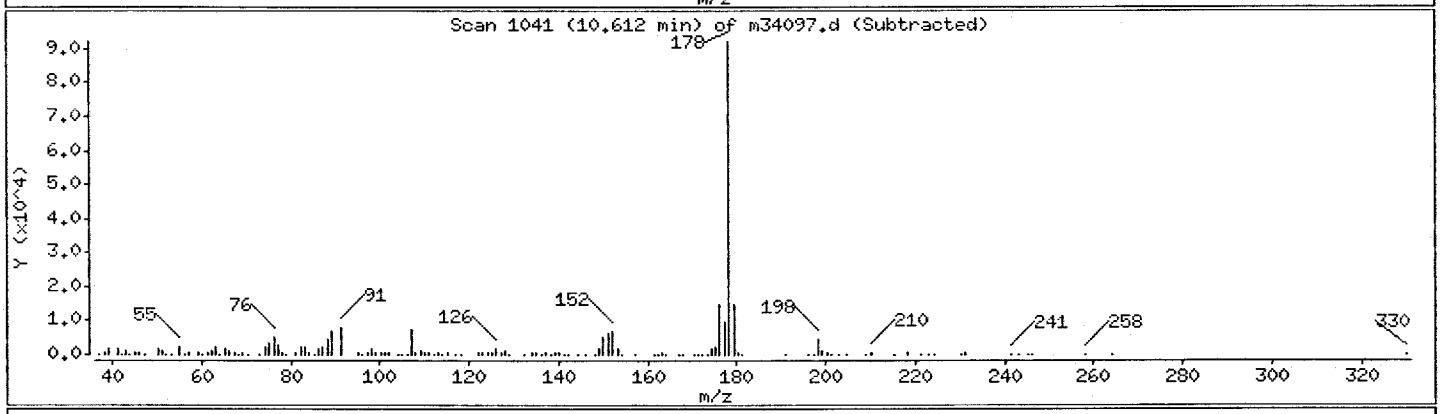
Sample Info: 908707;4225906

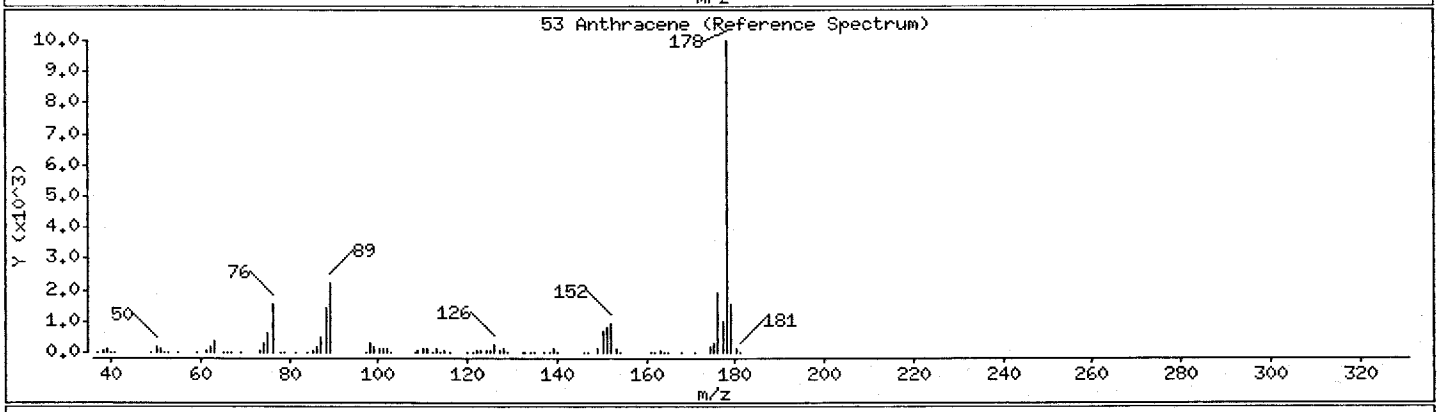
Operator: BNAMS 4

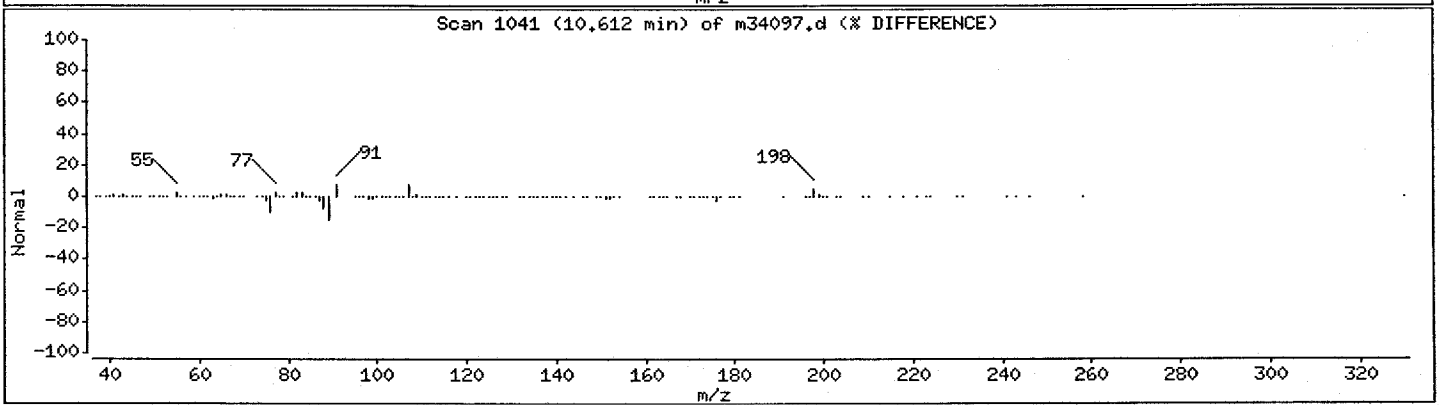
Column phase: DB-5 Column diameter: 0.25

53 Anthracene Concentration: 300 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

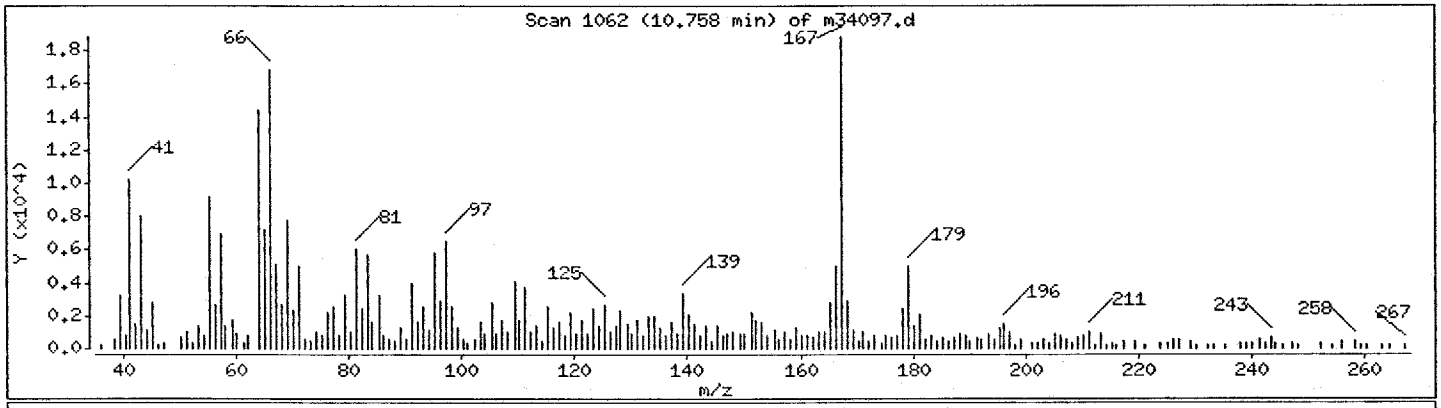
Client ID: 032608-1510 Instrument: BNAMS6.i

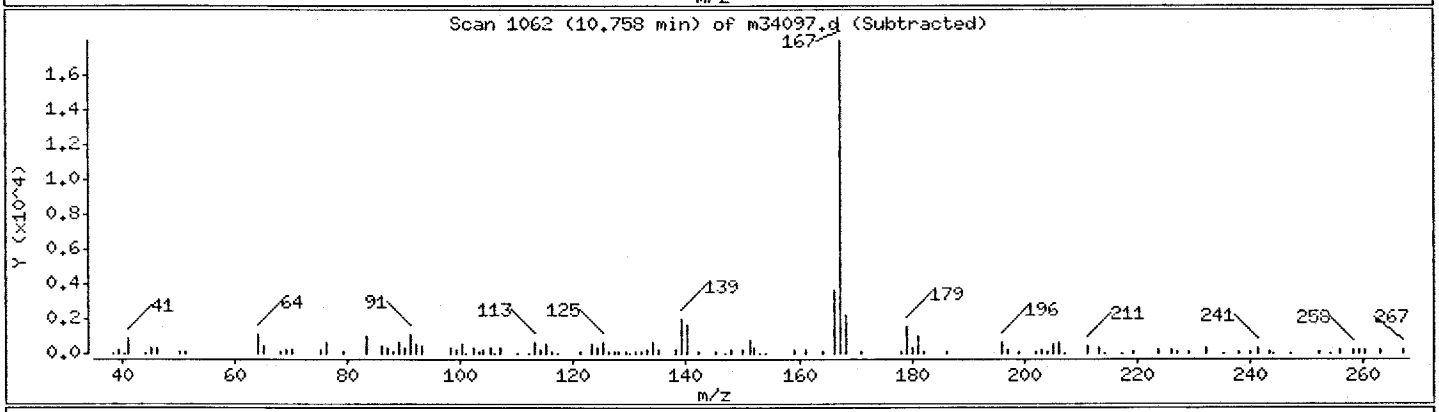
Sample Info: 908707;4225906

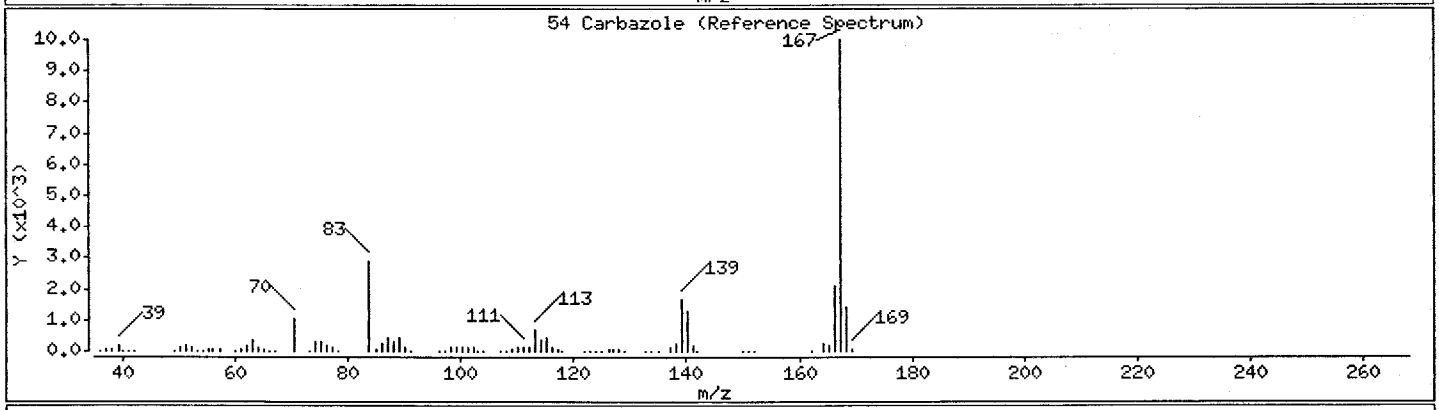
Operator: BNAMS 4

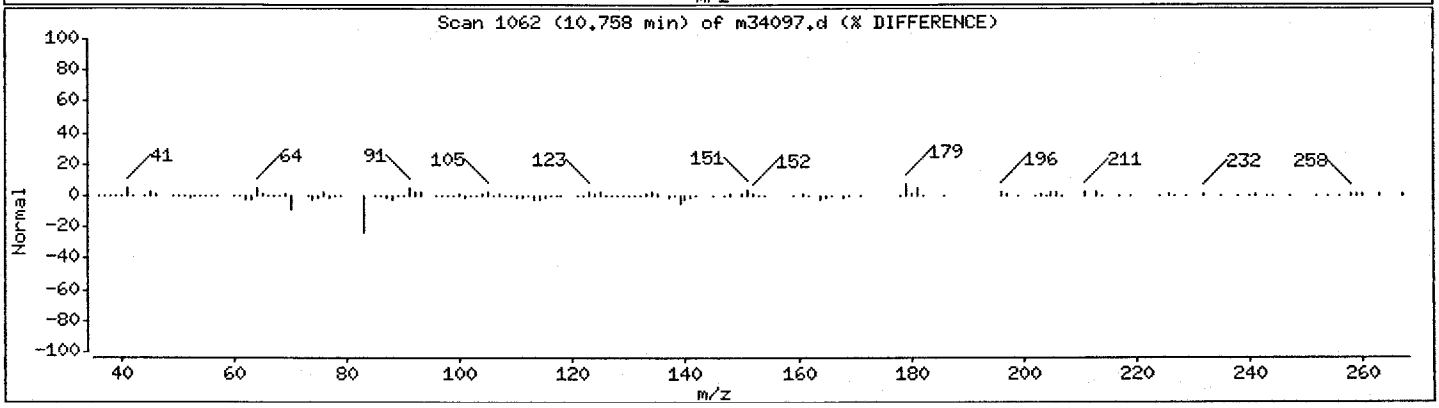
Column phase: DB-5 Column diameter: 0.25

54 Carbazole Concentration: 63 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

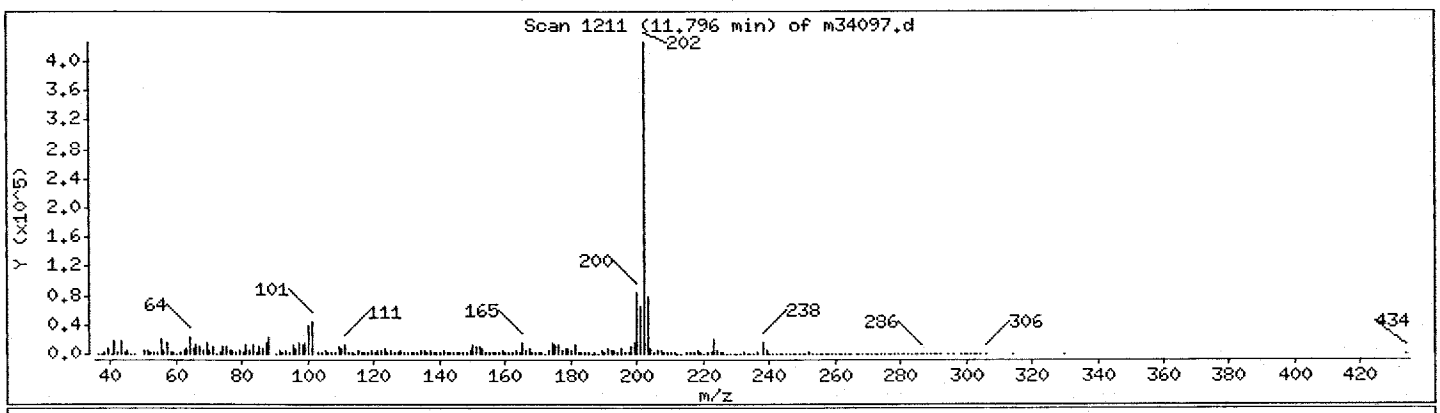
Client ID: 032608-1510 Instrument: BNAMS6.i

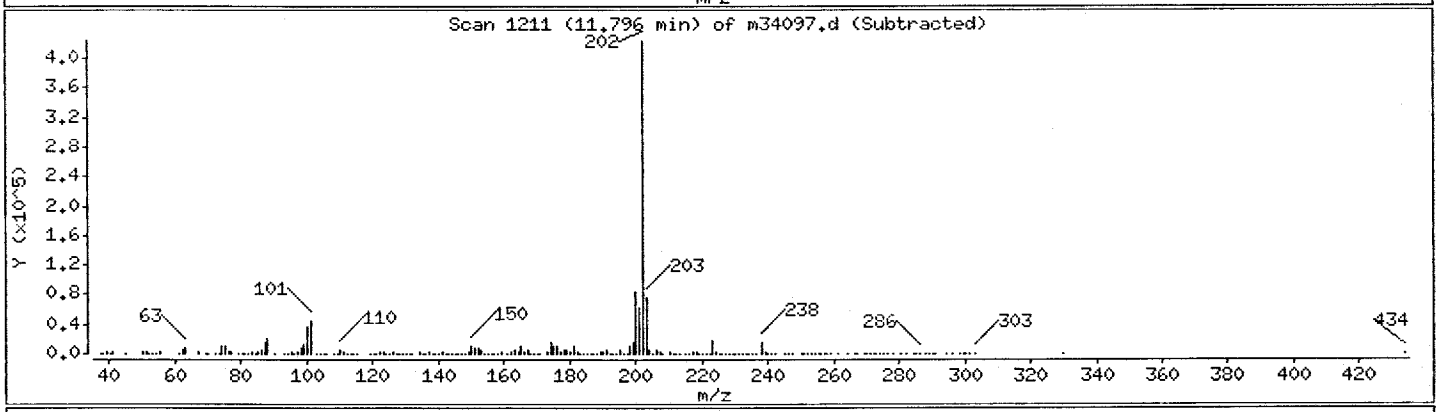
Sample Info: 908707;4225906

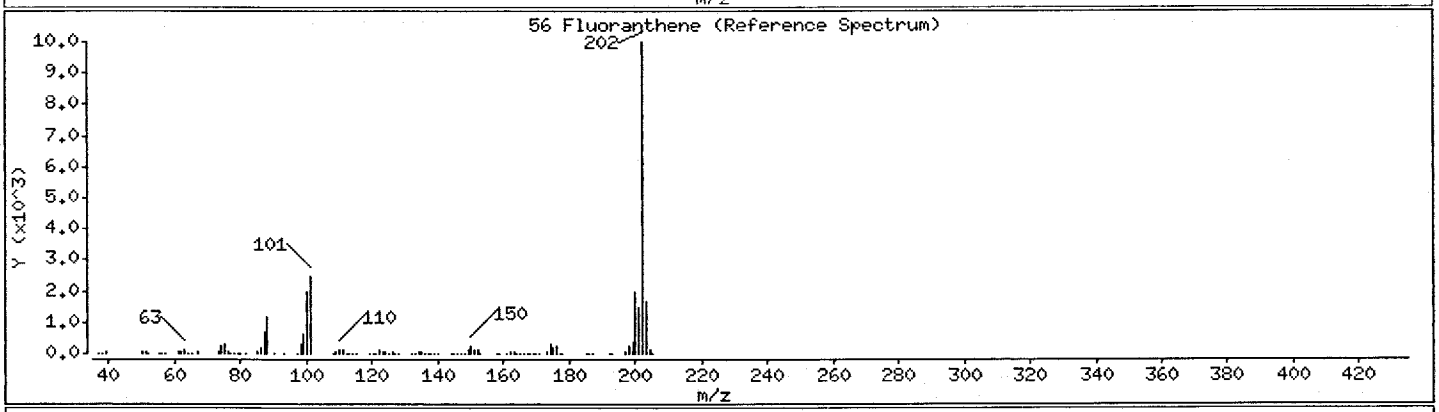
Operator: BNAMS 4

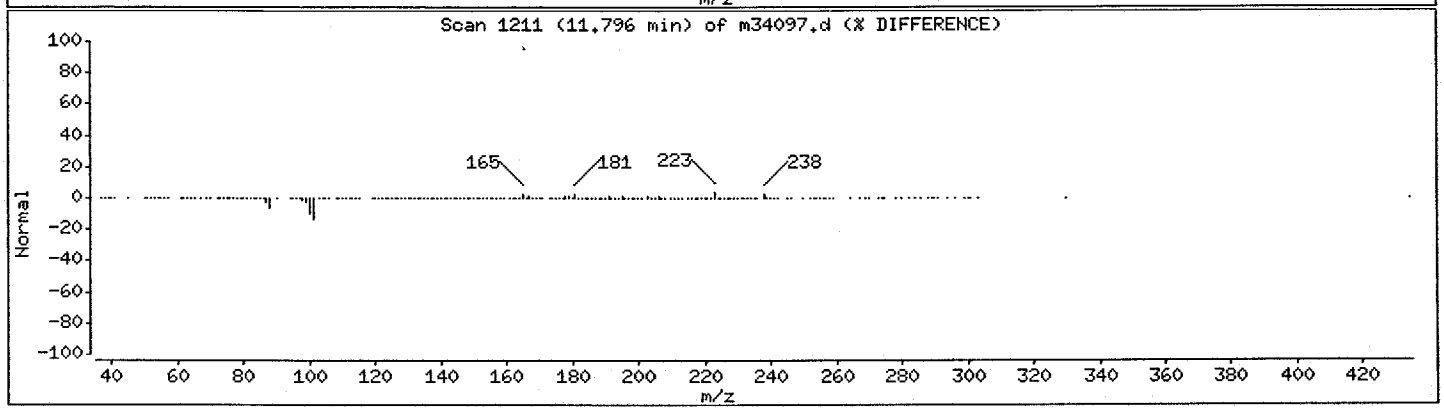
Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 1300 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

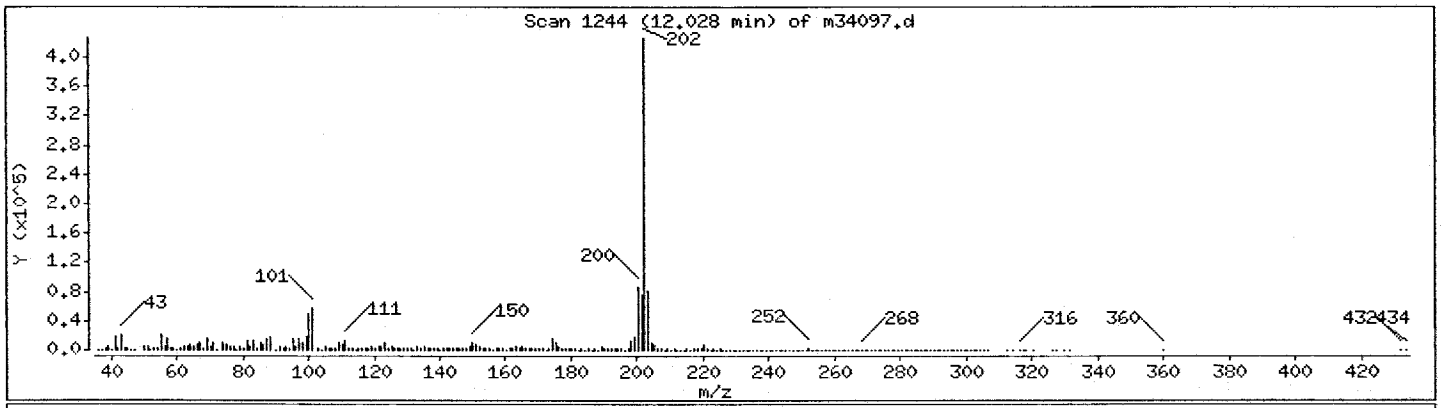
Client ID: 032608-1510 Instrument: BNAMS6.i

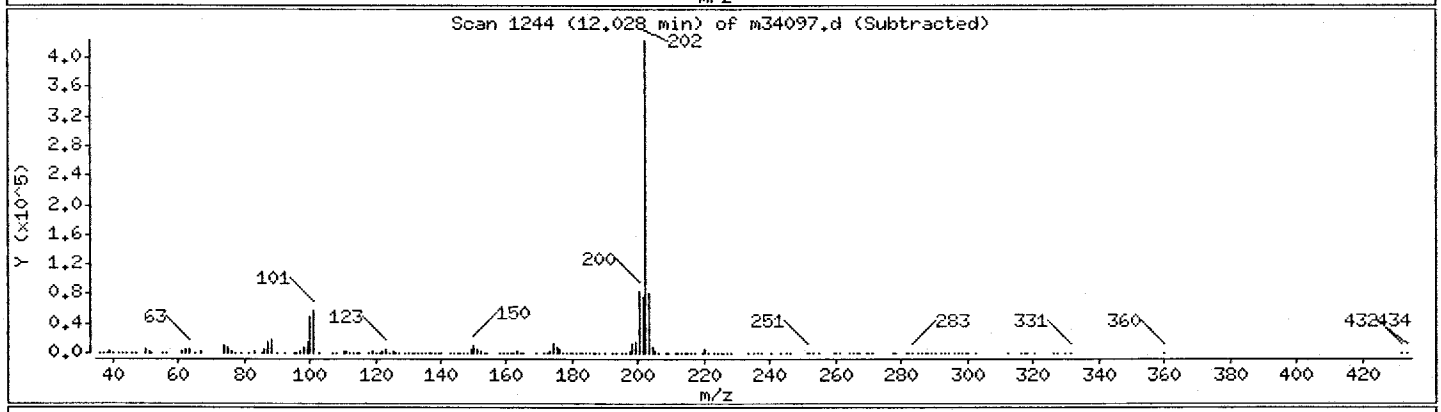
Sample Info: 908707;4225906

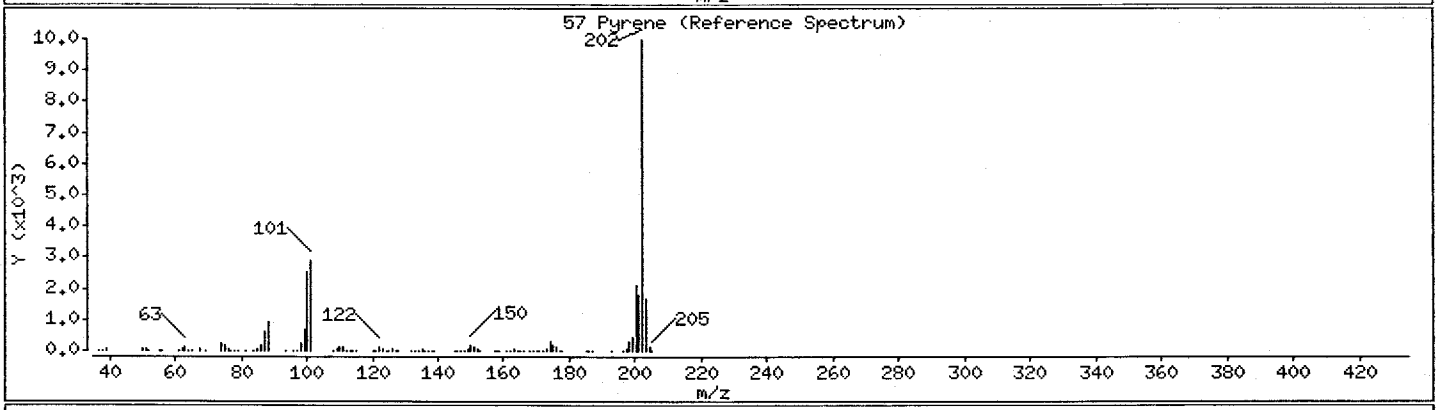
Operator: BNAMS 4

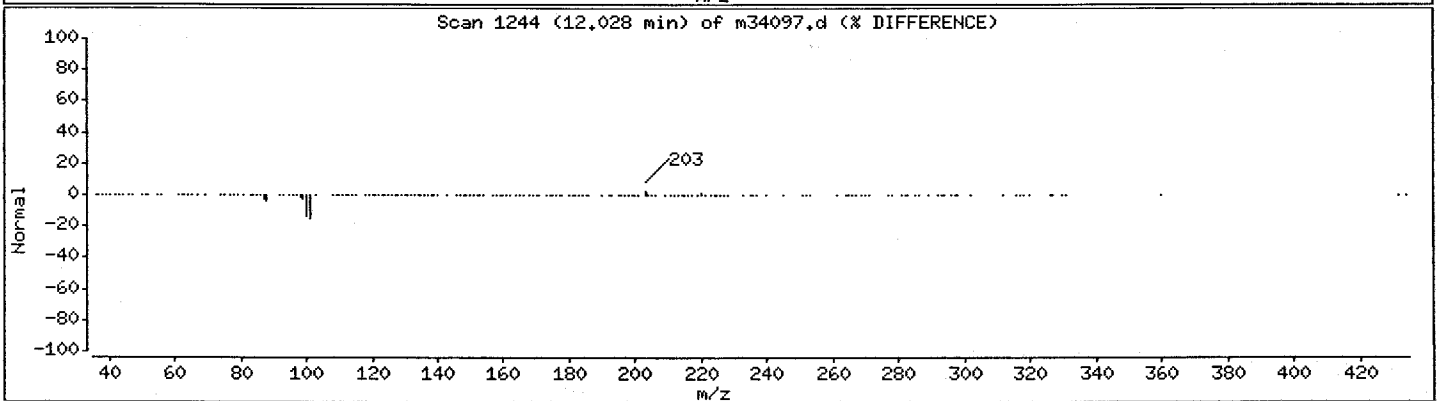
Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 1500 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

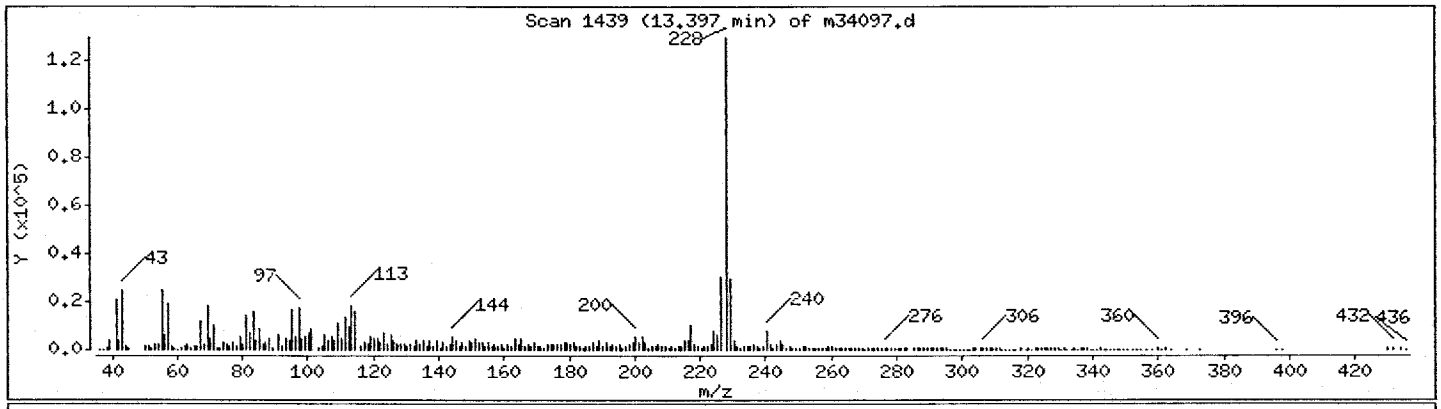
Client ID: 032608-1510 Instrument: BNAMS6.i

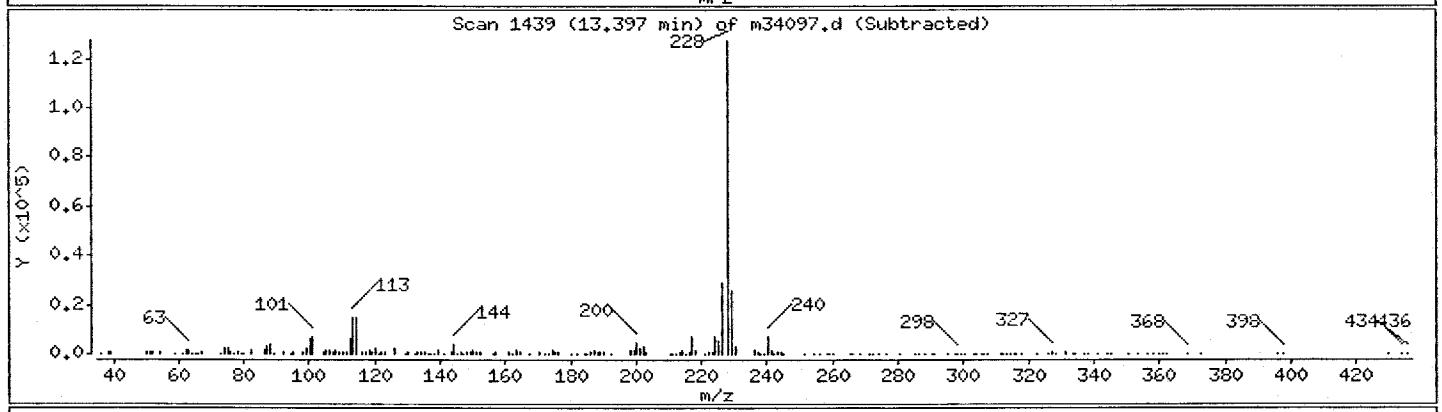
Sample Info: 908707;4225906

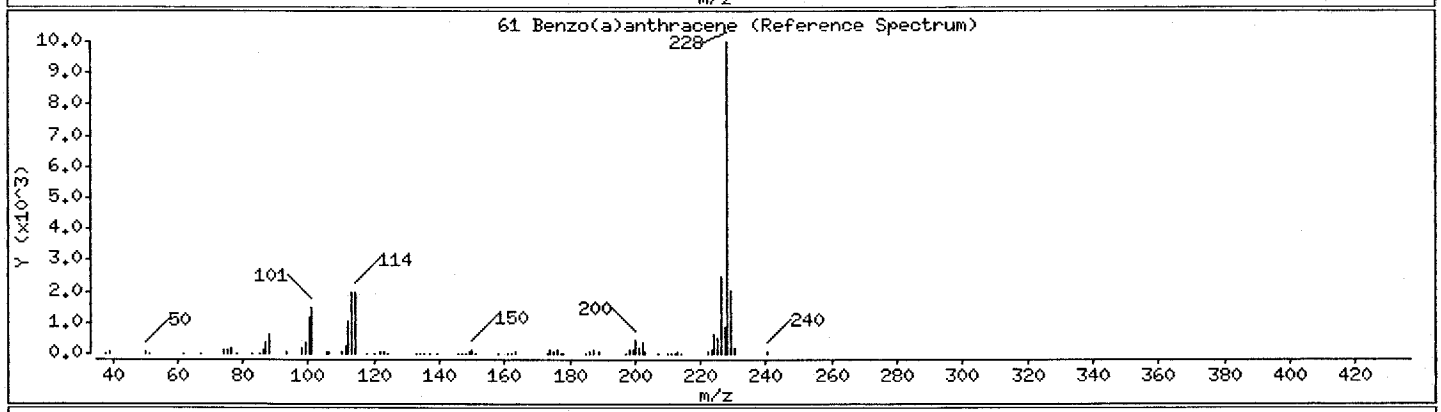
Operator: BNAMS 4

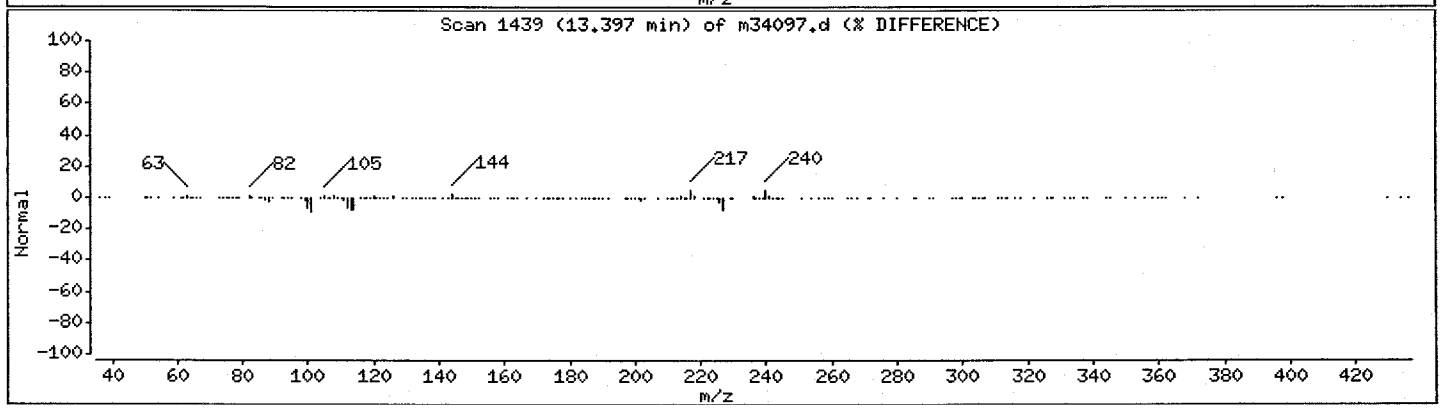
Column phase: DB-5 Column diameter: 0.25

61 Benzo(a)anthracene Concentration: 710 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

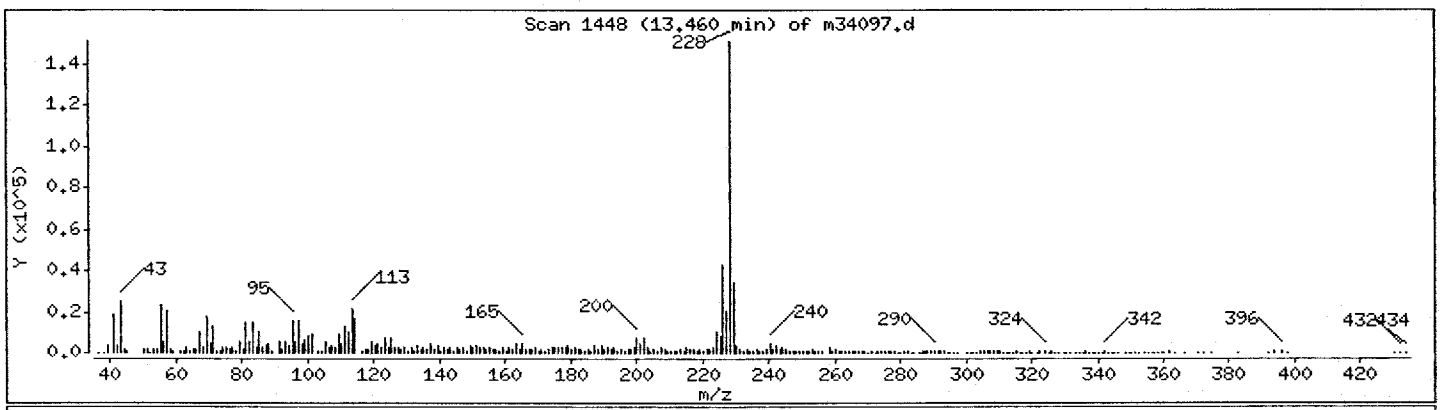
Client ID: 032608-1510 Instrument: BNAMS6.i

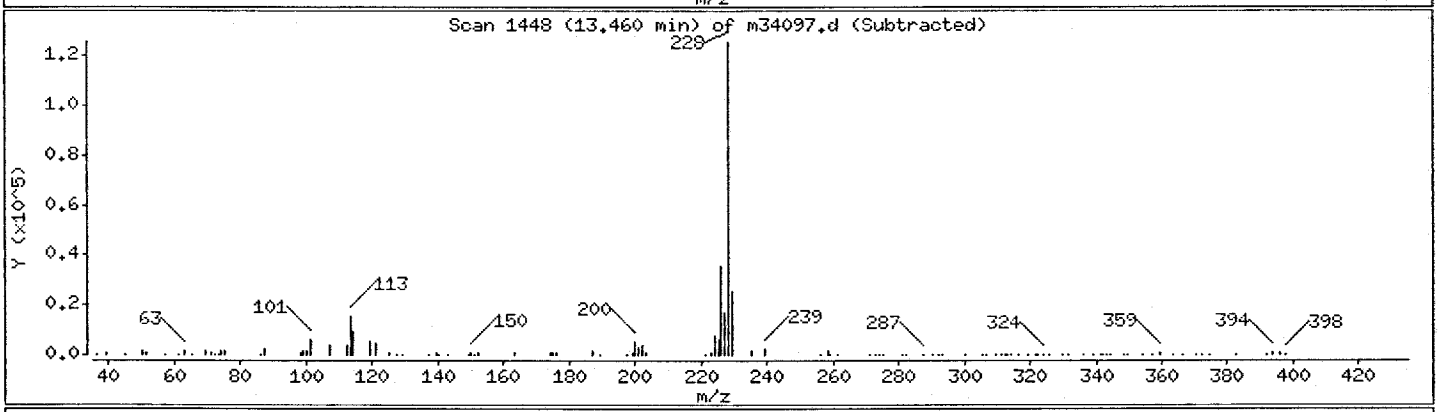
Sample Info: 908707;4225906

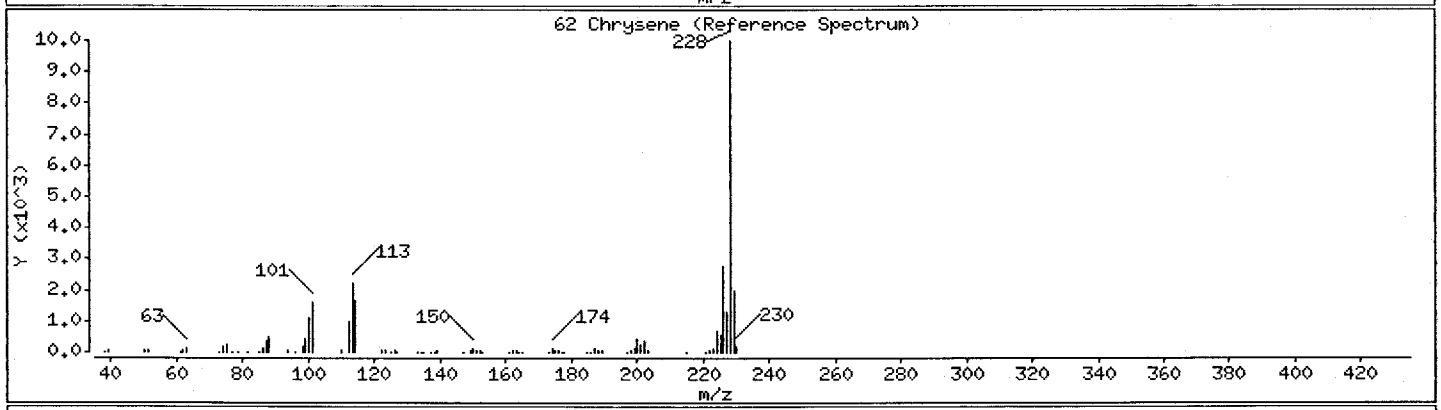
Operator: BNAMS 4

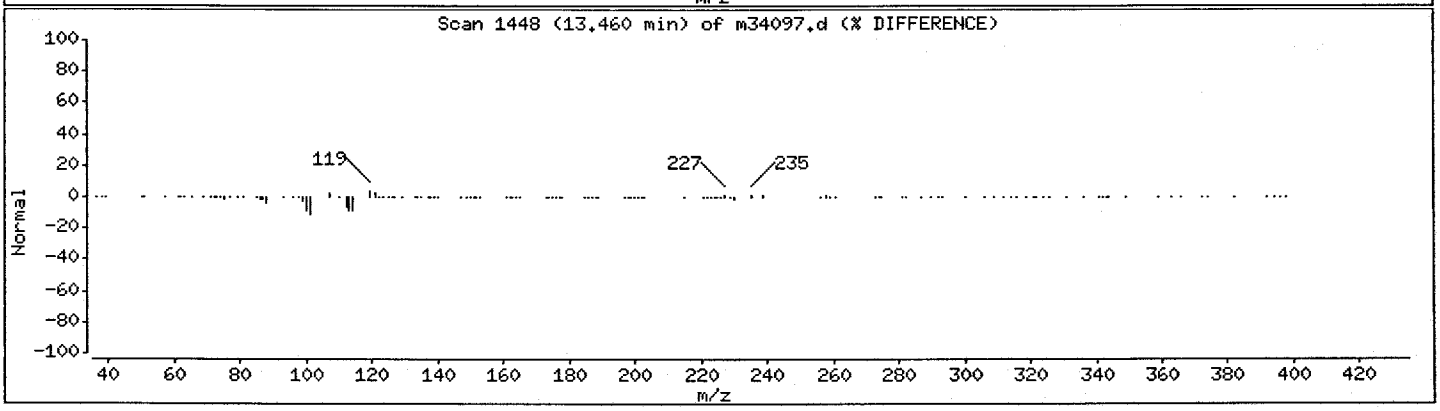
Column phase: DB-5 Column diameter: 0.25

62 Chrysene Concentration: 810 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

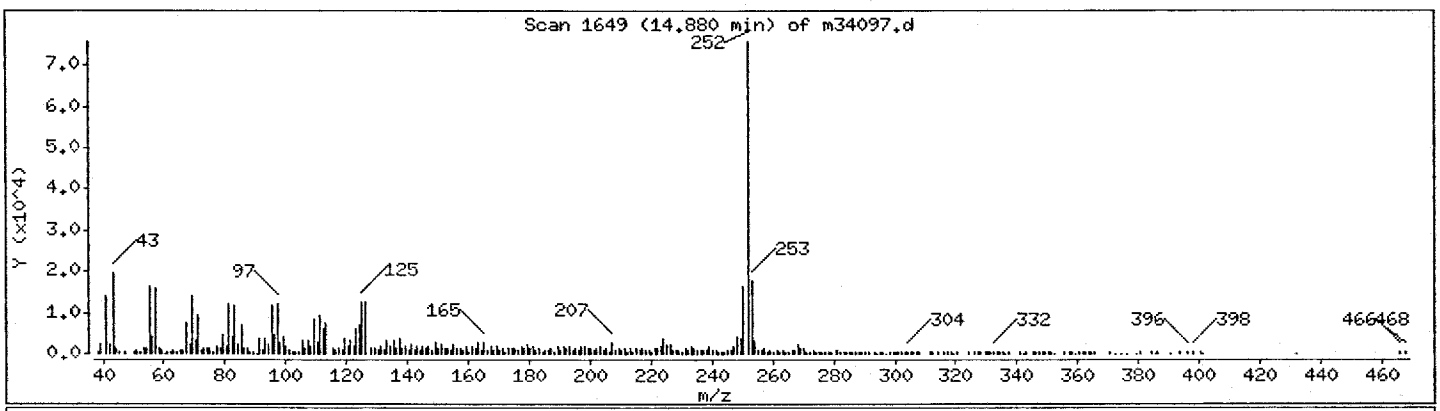
Client ID: 032608-1510 Instrument: BNAMS6.i

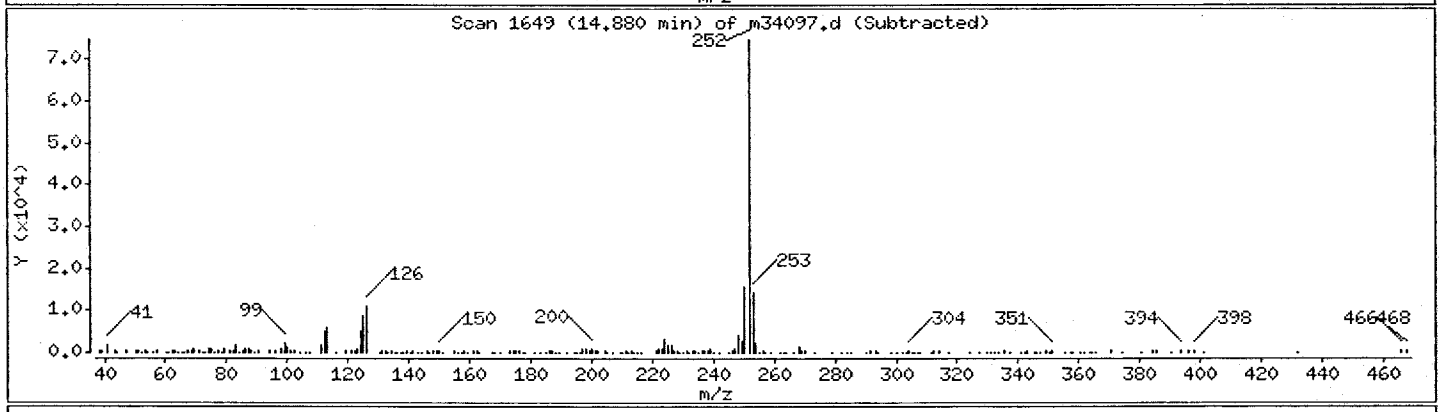
Sample Info: 908707;4225906

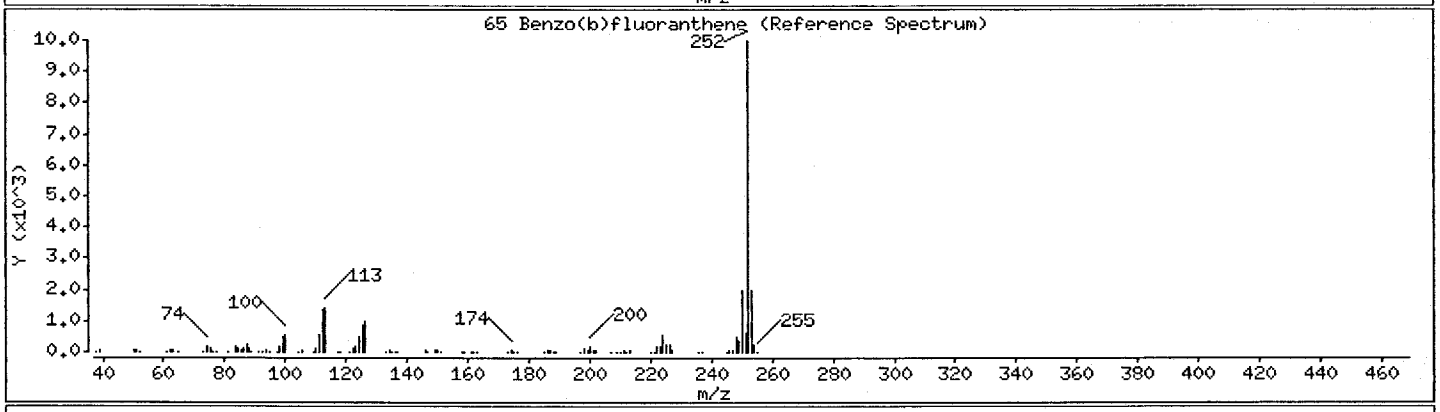
Operator: BNAMS 4

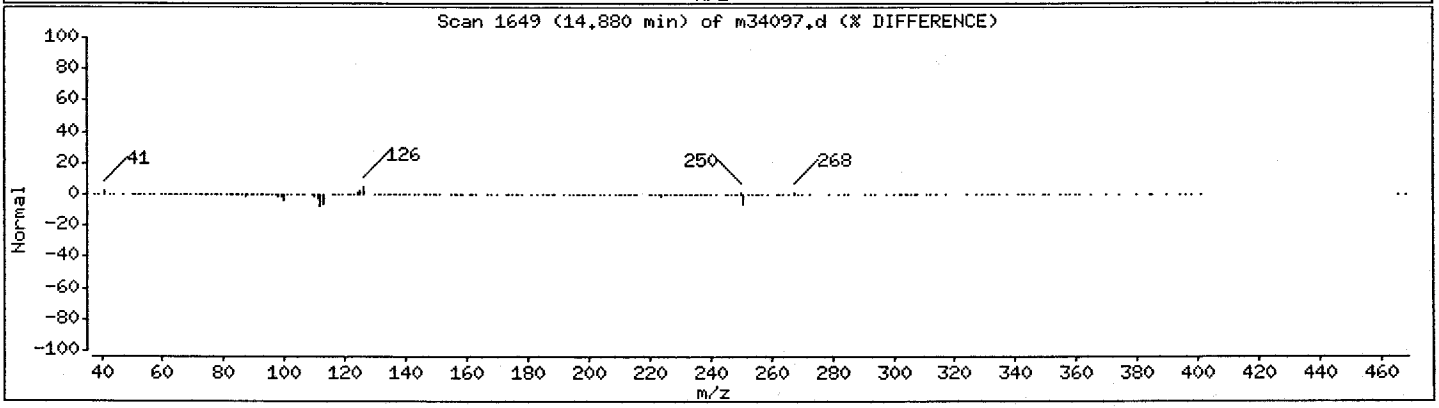
Column phase: DB-5 Column diameter: 0.25

65 Benzo(b)fluoranthene Concentration: 630 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

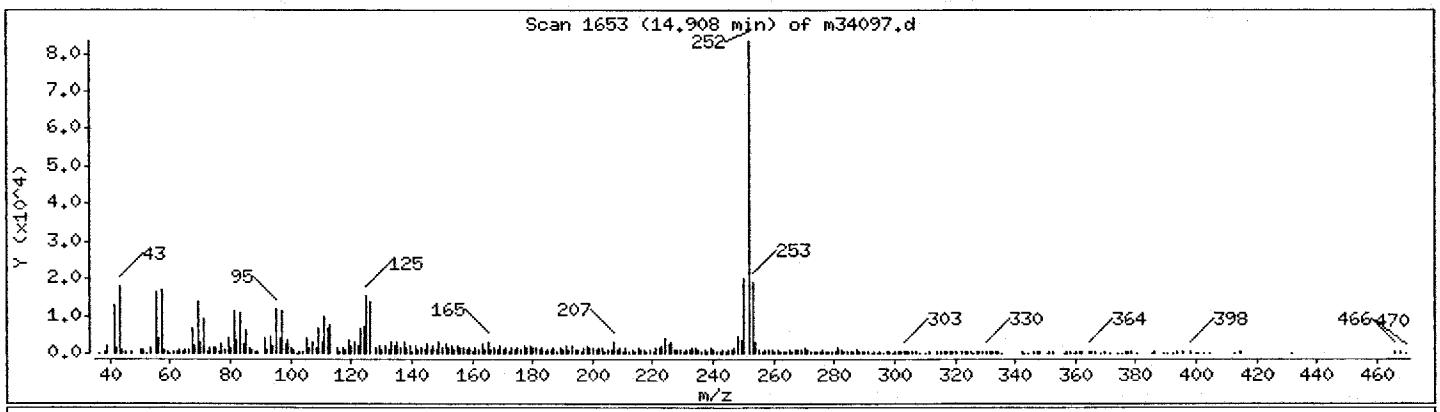
Client ID: 032608-1510 Instrument: BNAMS6.i

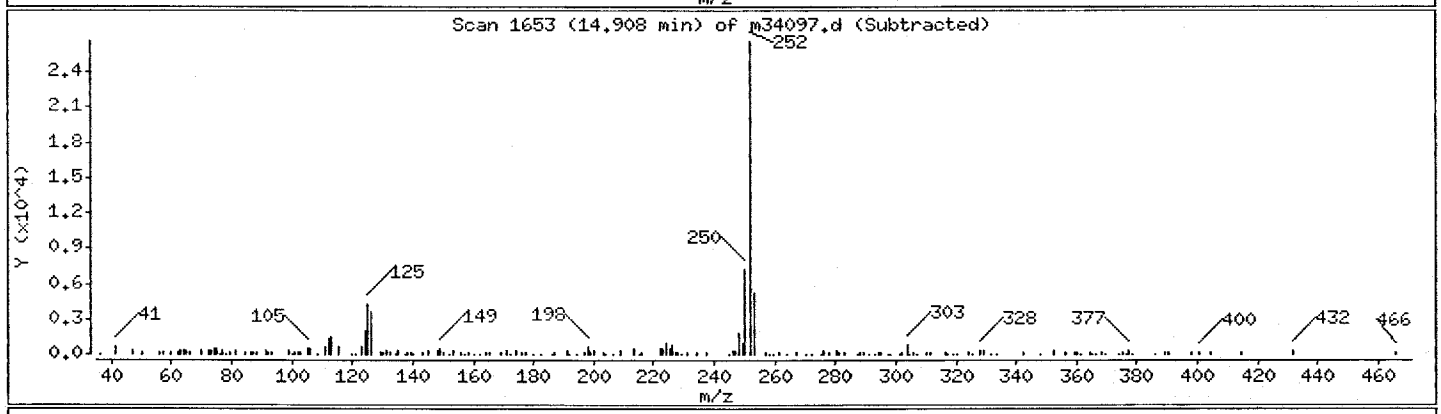
Sample Info: 908707;4225906

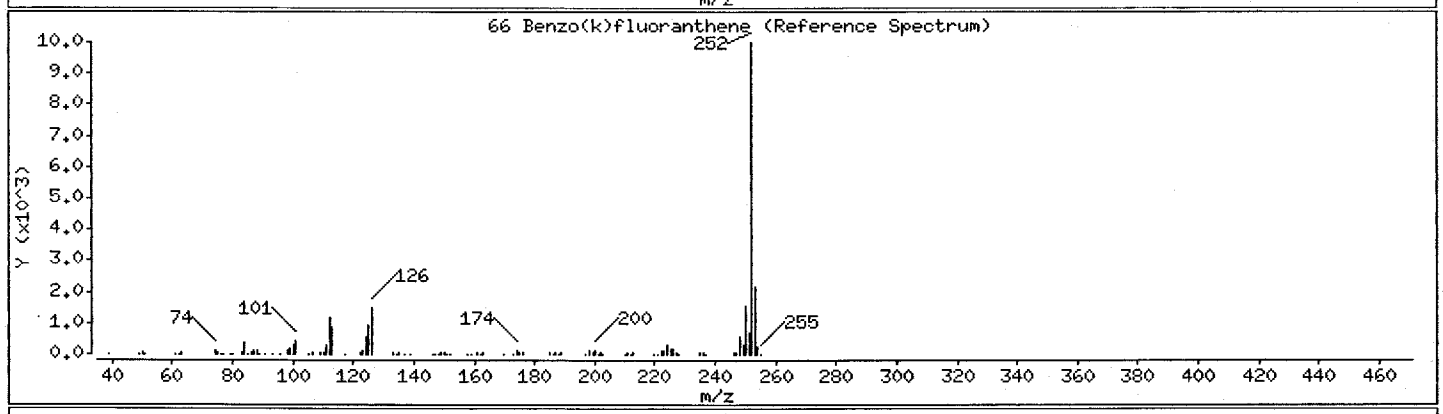
Operator: BNAMS 4

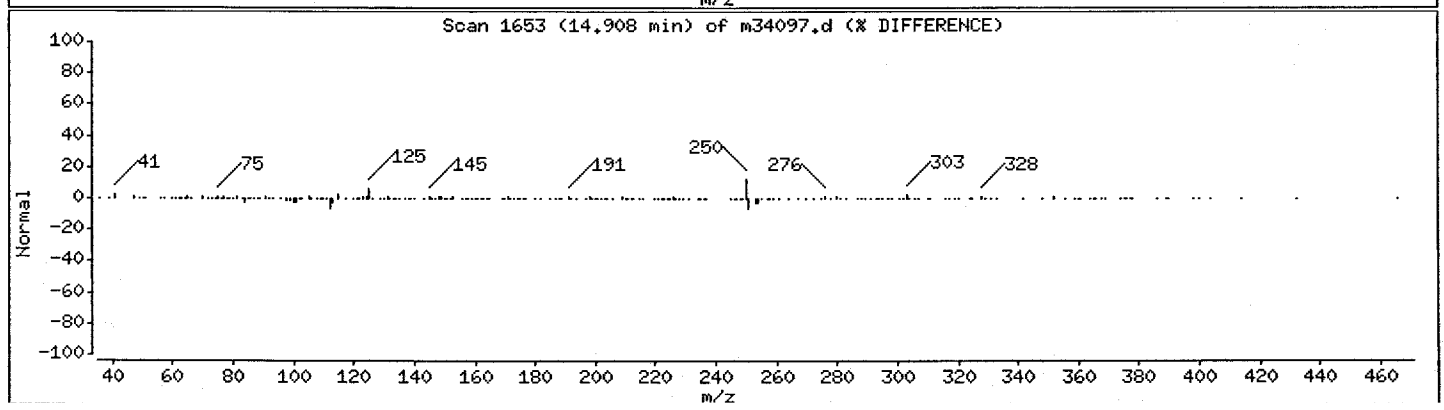
Column phase: DB-5 Column diameter: 0.25

66 Benzo(k)fluoranthene Concentration: 690 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

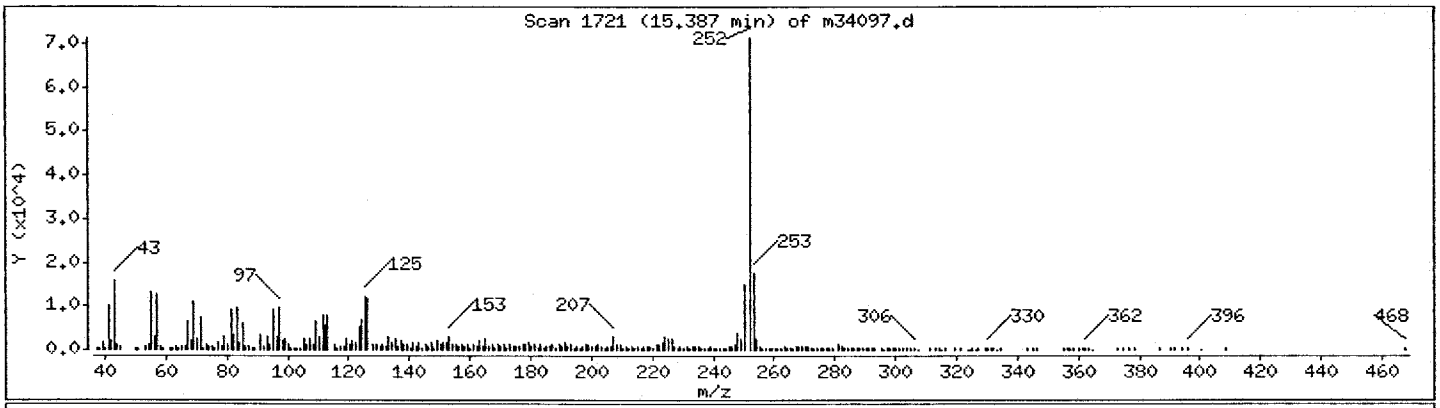
Client ID: 032608-1510 Instrument: BNAMS6.i

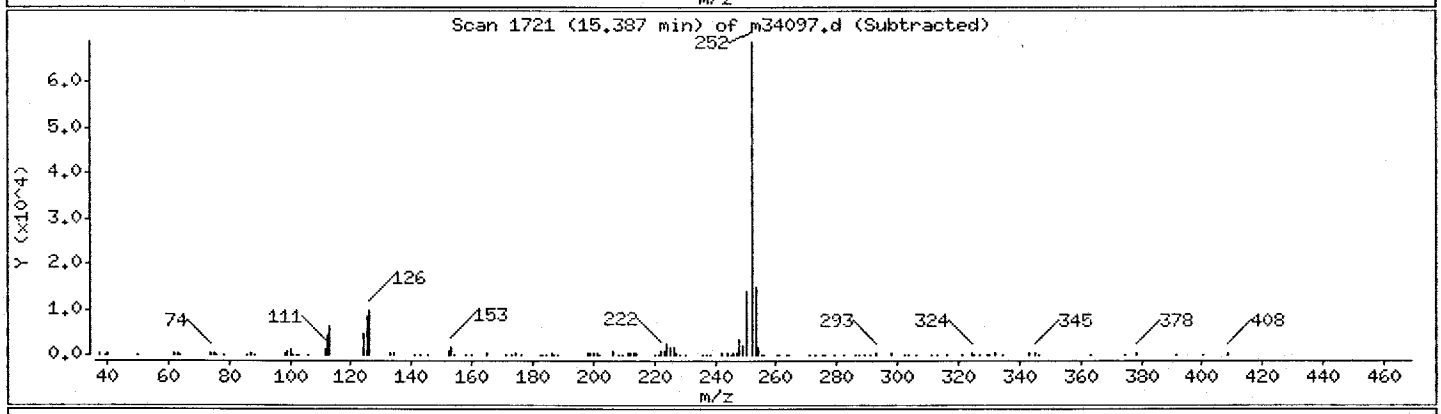
Sample Info: 908707;4225906

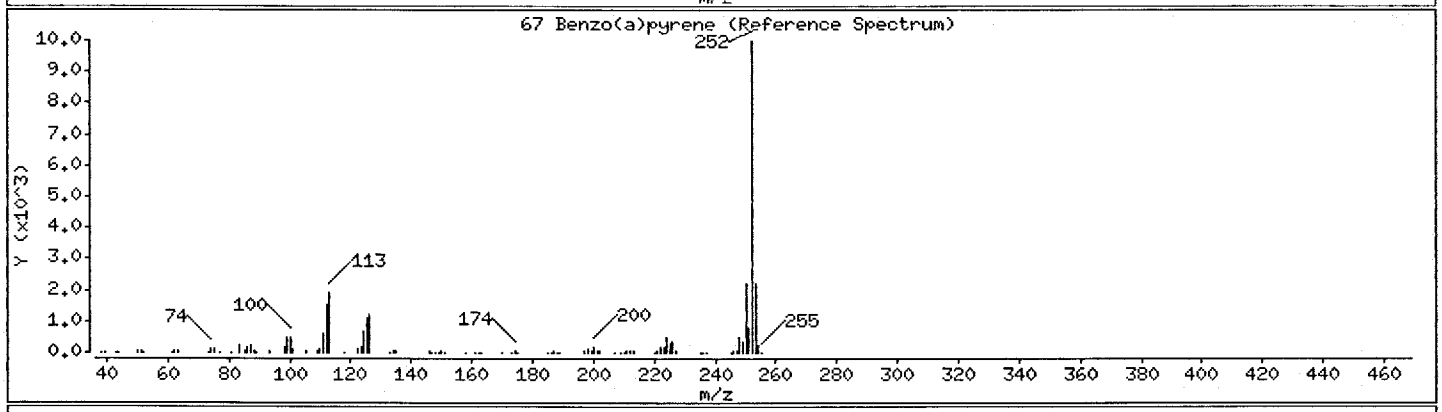
Operator: BNAMS 4

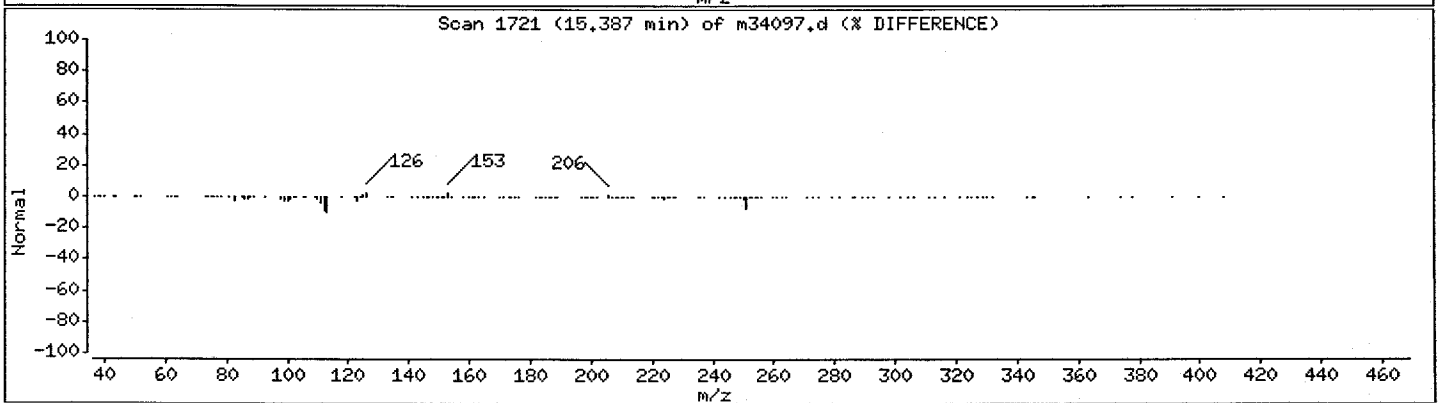
Column phase: DB-5 Column diameter: 0.25

67 Benzo(a)pyrene Concentration: 710 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

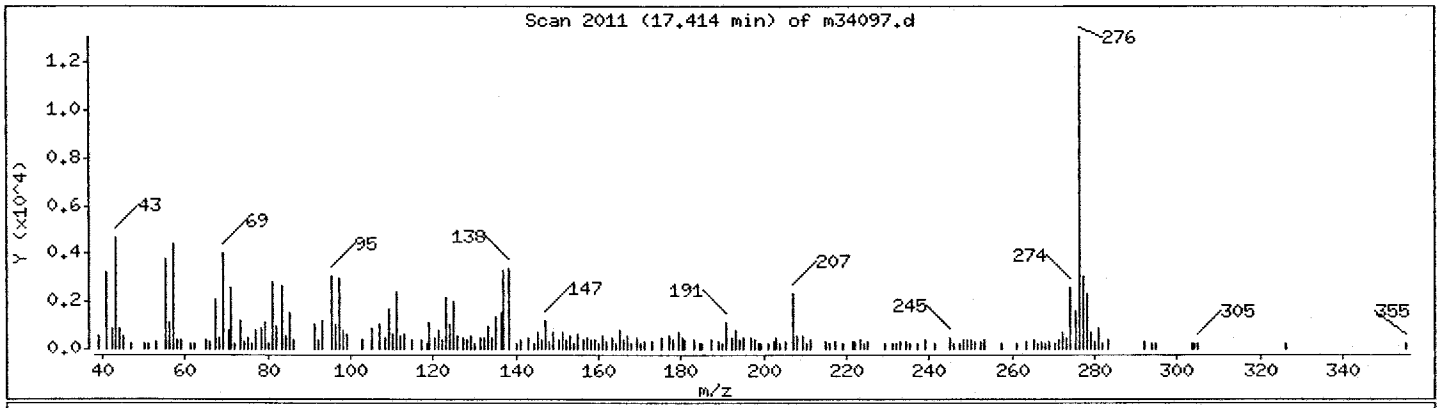
Client ID: 032608-1510 Instrument: BNAMS6.i

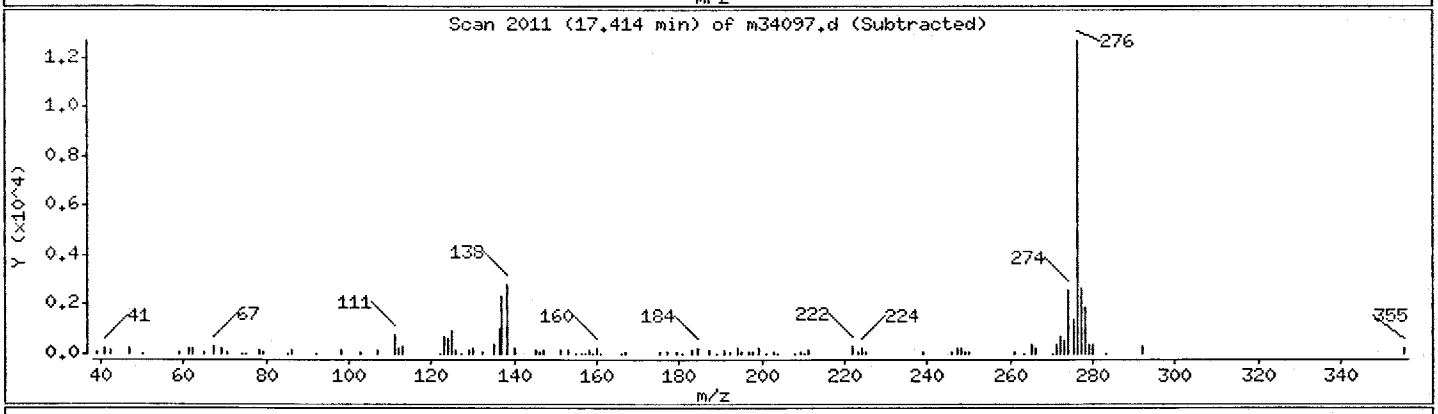
Sample Info: 908707;4225906

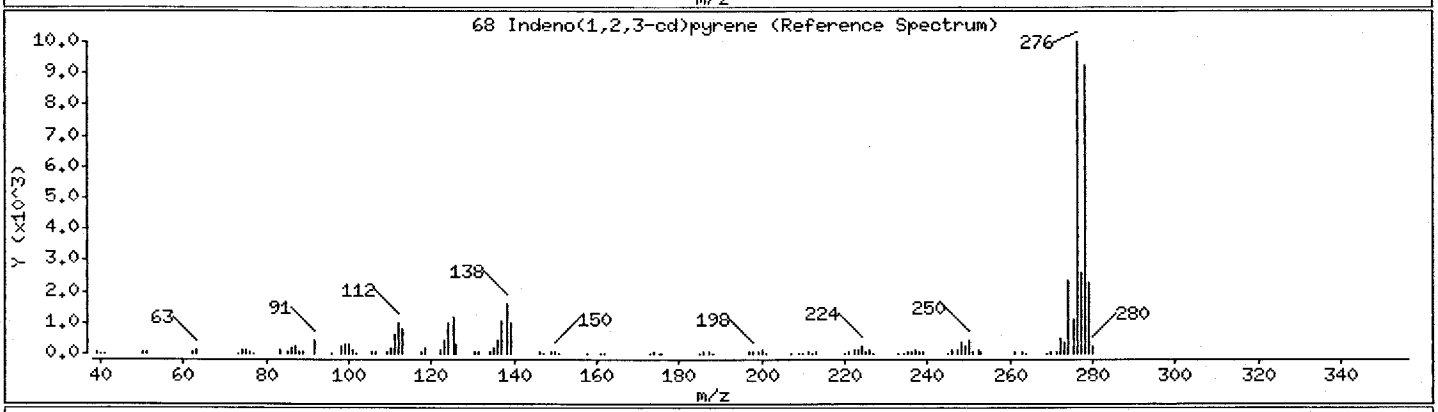
Operator: BNAMS 4

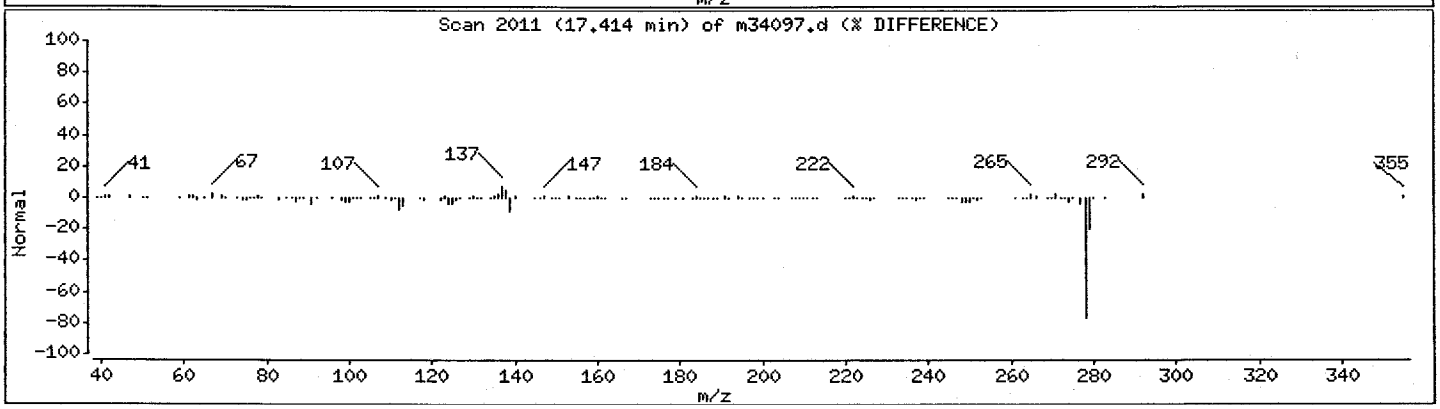
Column phase: DB-5 Column diameter: 0.25

68 Indeno(1,2,3-cd)pyrene Concentration: 200 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

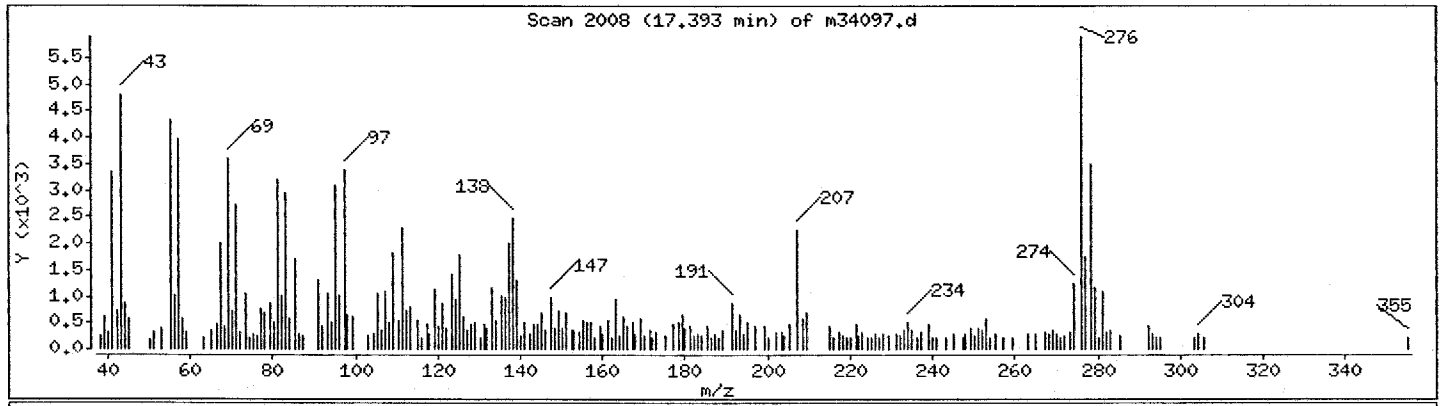
Client ID: 032608-1510 Instrument: BNAMS6.i

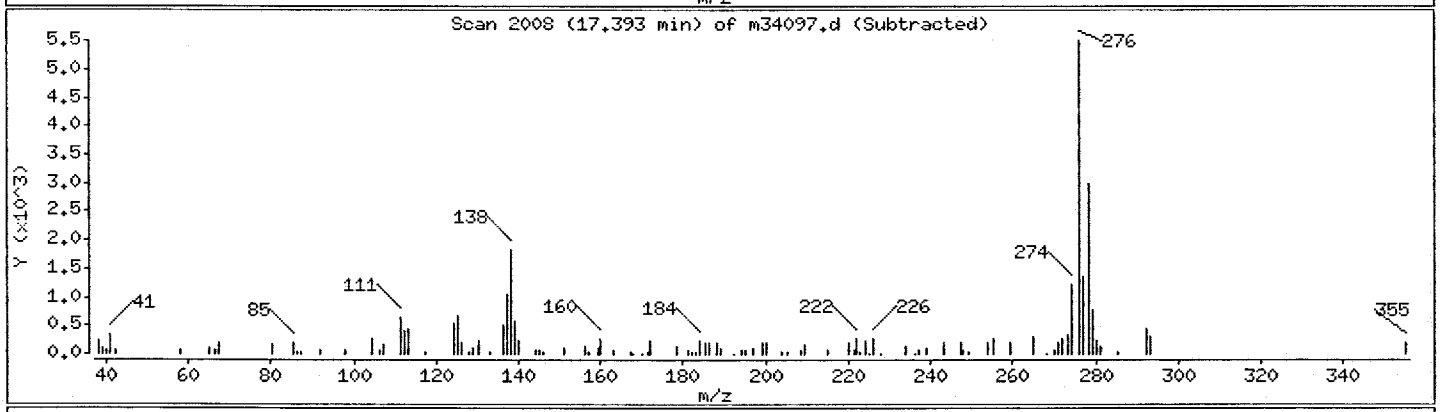
Sample Info: 908707;4225906

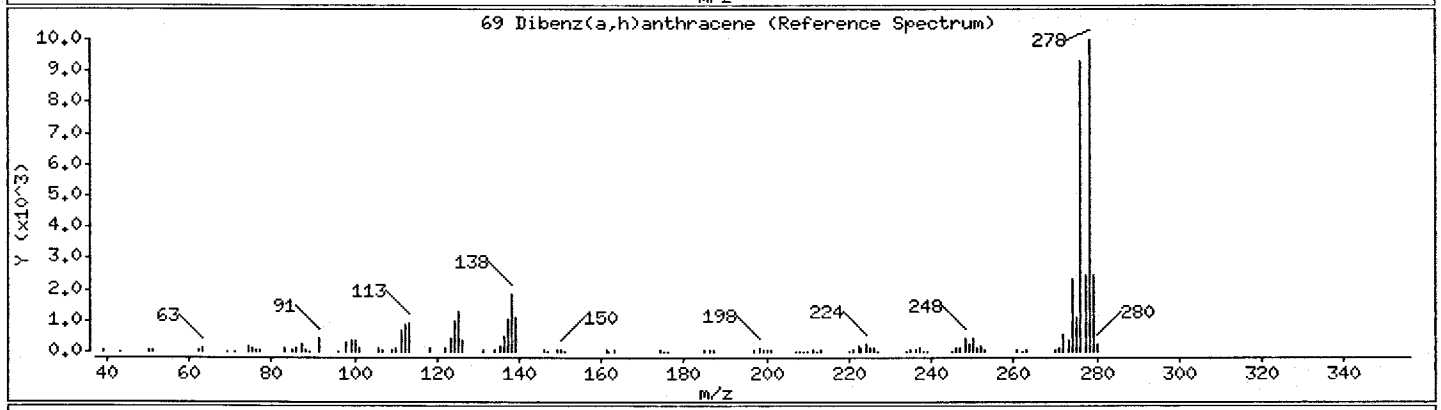
Operator: BNAMS 4

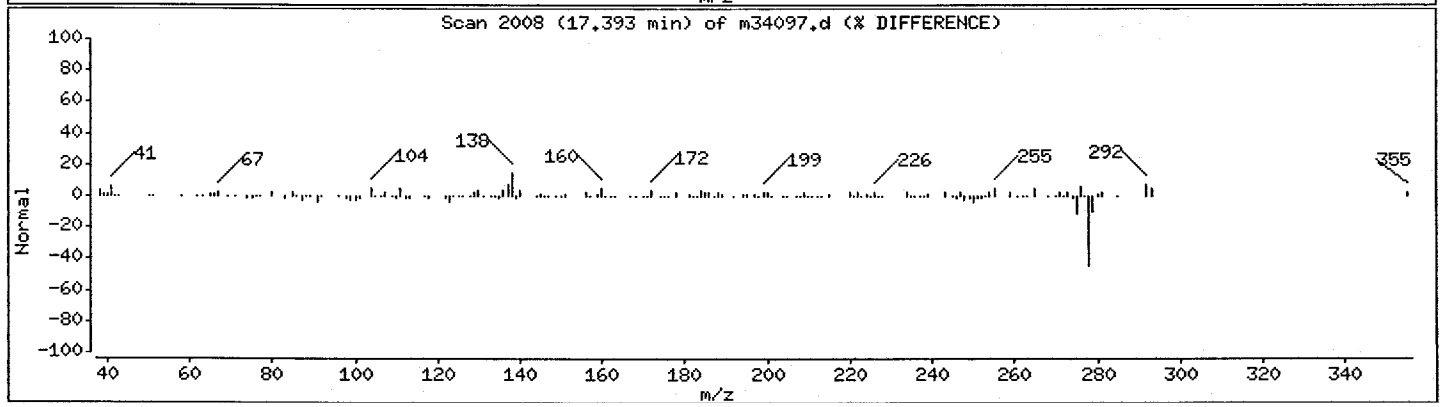
Column phase: DB-5 Column diameter: 0.25

69 Dibenz(a,h)anthracene Concentration: 68 ug/Kg









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Date : 08-APR-2008 14:50

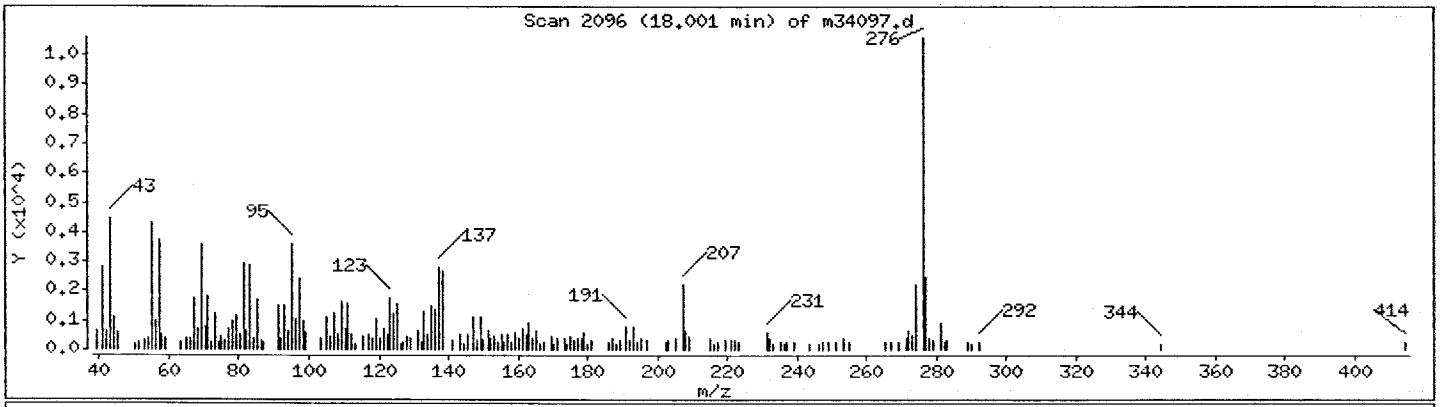
Client ID: 032608-1510 Instrument: BNAMS6.i

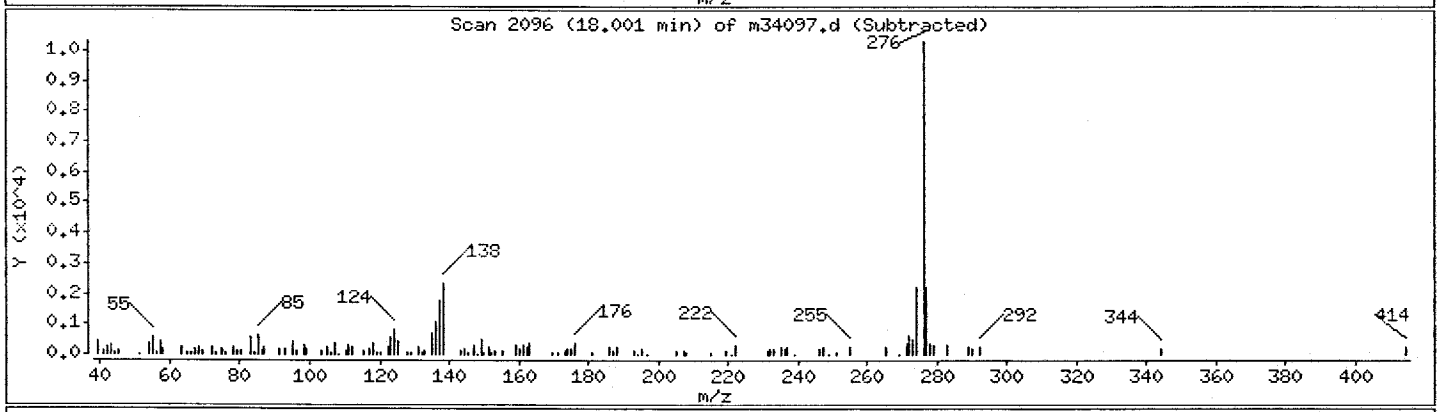
Sample Info: 908707;4225906

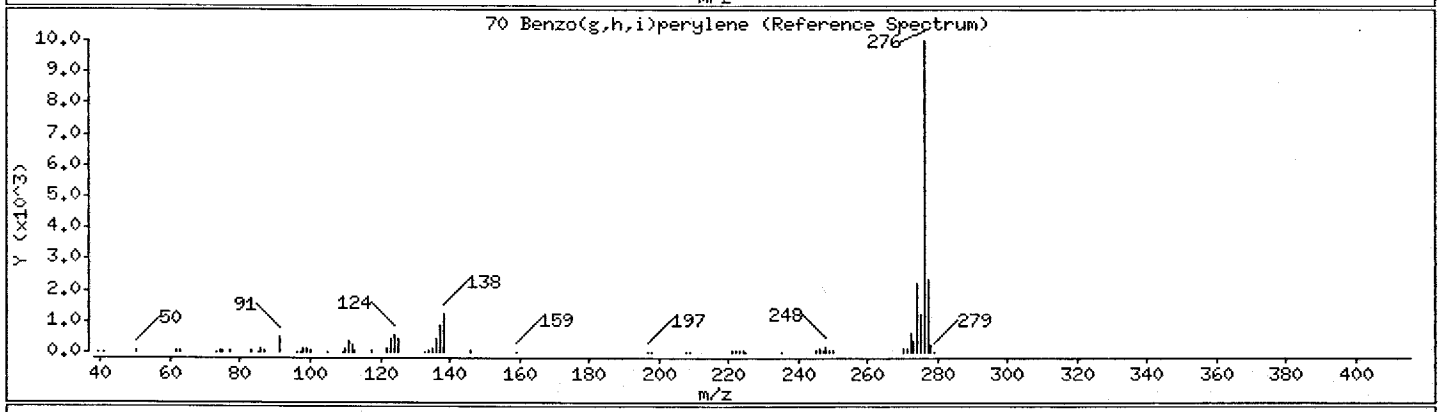
Operator: BNAMS 4

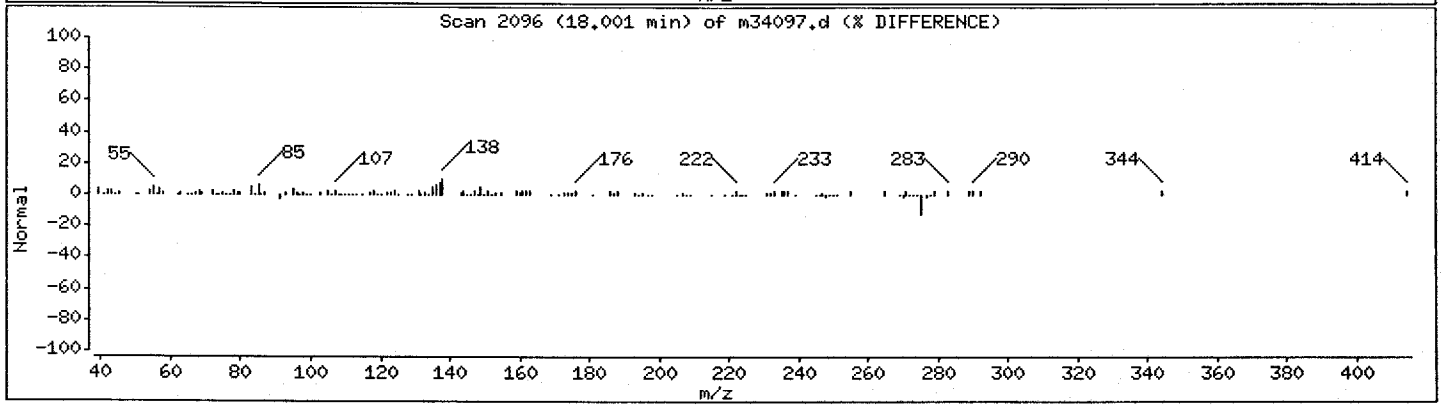
Column phase: DB-5 Column diameter: 0.25

70 Benzo(g,h,i)perylene Concentration: 220 ug/Kg









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Date : 08-APR-2008 14:50

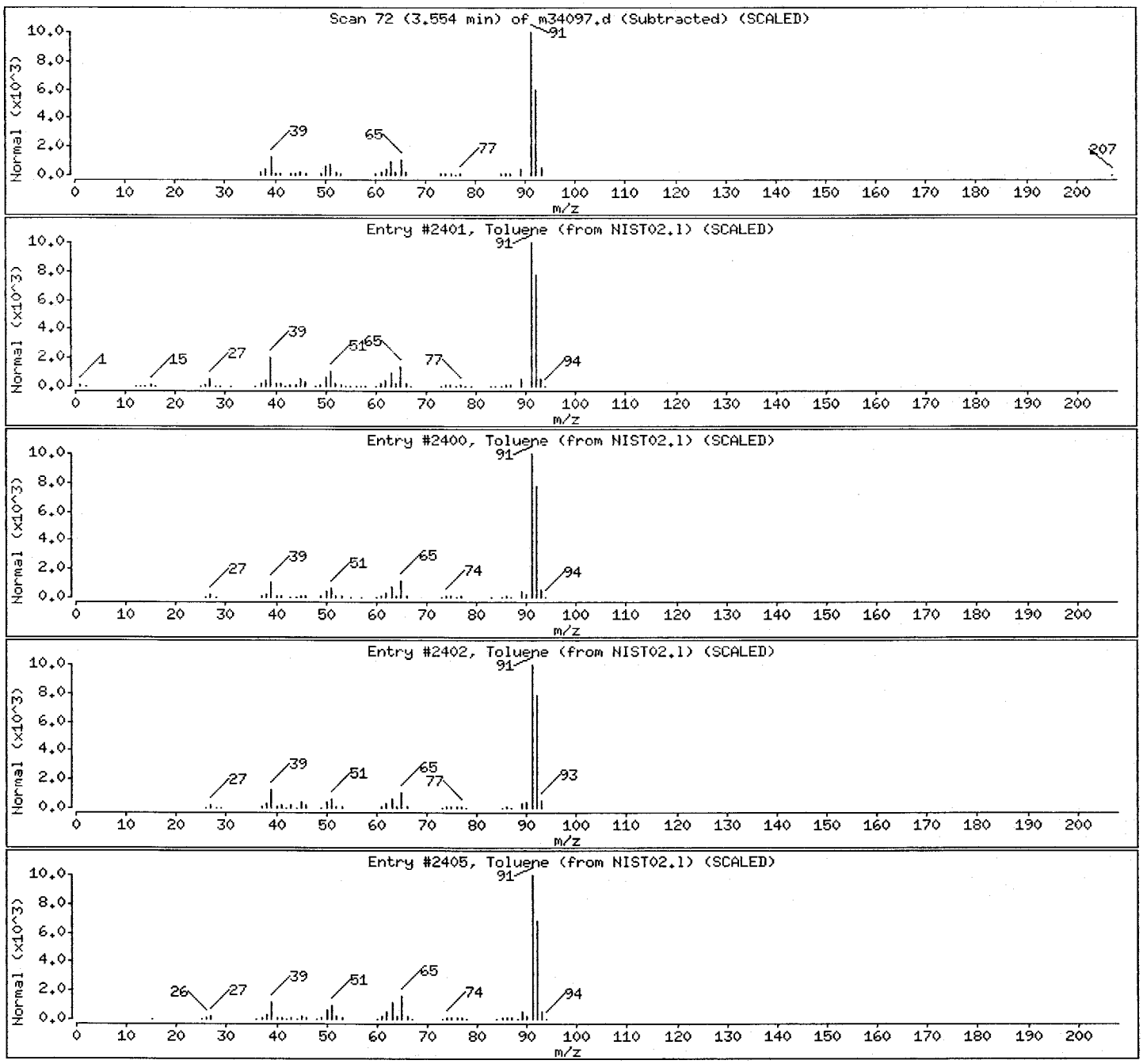
Client ID: 032608-1510 Instrument: BNAMS6.i

Sample Info: 908707;4225906

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Toluene	108-88-3	NIST02.l	2401	94	C7H8	92
Toluene	108-88-3	NIST02.l	2400	91	C7H8	92
Toluene	108-88-3	NIST02.l	2402	91	C7H8	92
Toluene	108-88-3	NIST02.l	2405	91	C7H8	92



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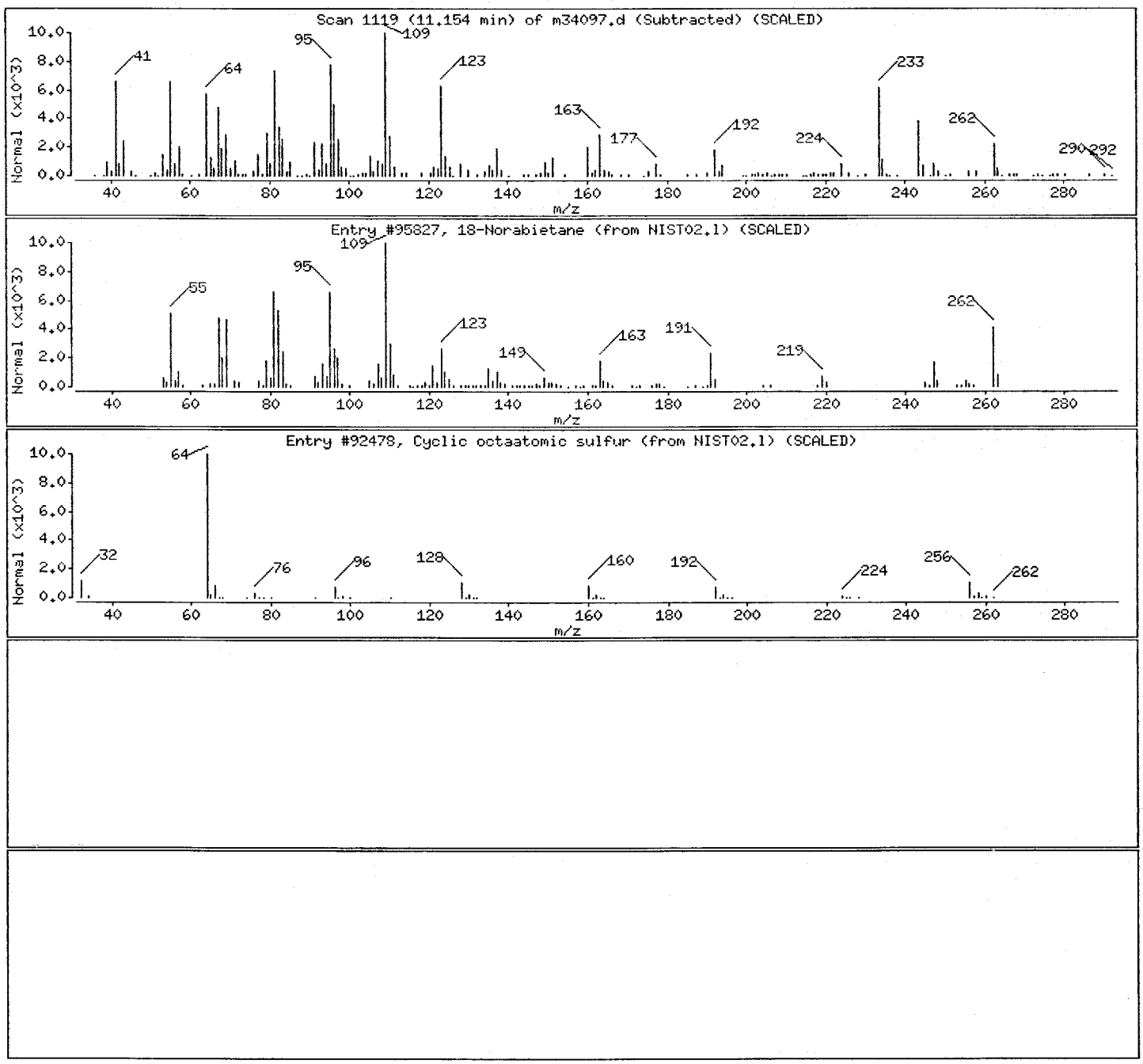
Date : 08-APR-2008 14:50

Client ID: 032608-1510 Instrument: BNAMS6.i

Sample Info: 908707;4225906 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
18-Norabietane	1000293-16-6	NIST02.l	95827	42	C19H34	262
Cyclic octaatomic sulfur	10544-50-0	NIST02.l	92478	22	S8	256



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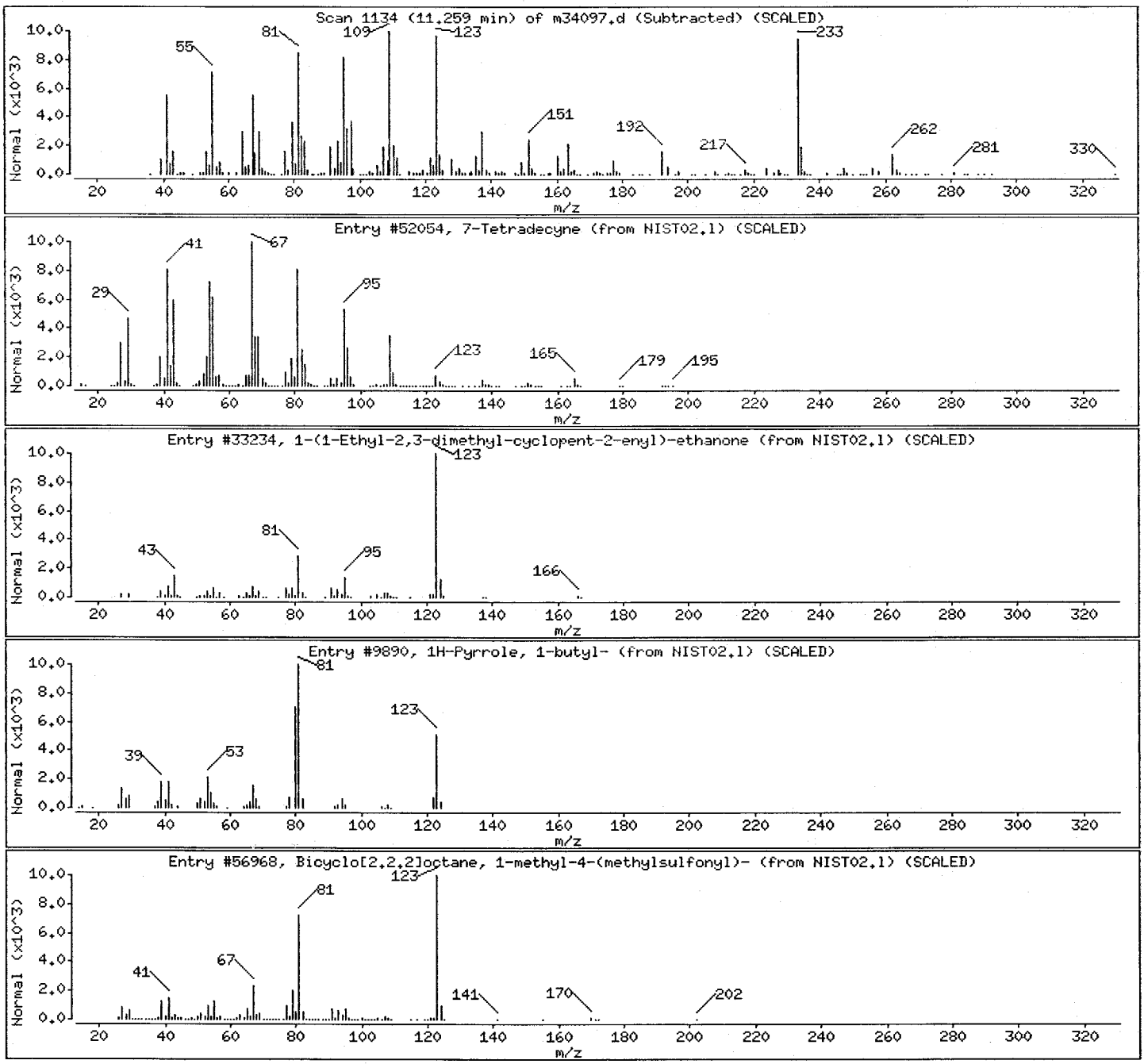
Date : 08-APR-2008 14:50

Client ID: 032608-1510 Instrument: BNAMS6.i

Sample Info: 908707;4225906 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
7-Tetradecyne	35216-11-6	NIST02.l	52054	43	C14H26	194
1-(1-Ethyl-2,3-dimethyl-cyclopent-2-enyl	1000185-18-6	NIST02.l	33234	27	C11H18O	166
1H-Pyrrole, 1-butyl-	589-33-3	NIST02.l	9890	25	C8H13N	123
Bicyclo[2.2.2]octane, 1-methyl-4-(methyl	69855-48-7	NIST02.l	56968	22	C10H18O2S	202



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Date : 08-APR-2008 14:50

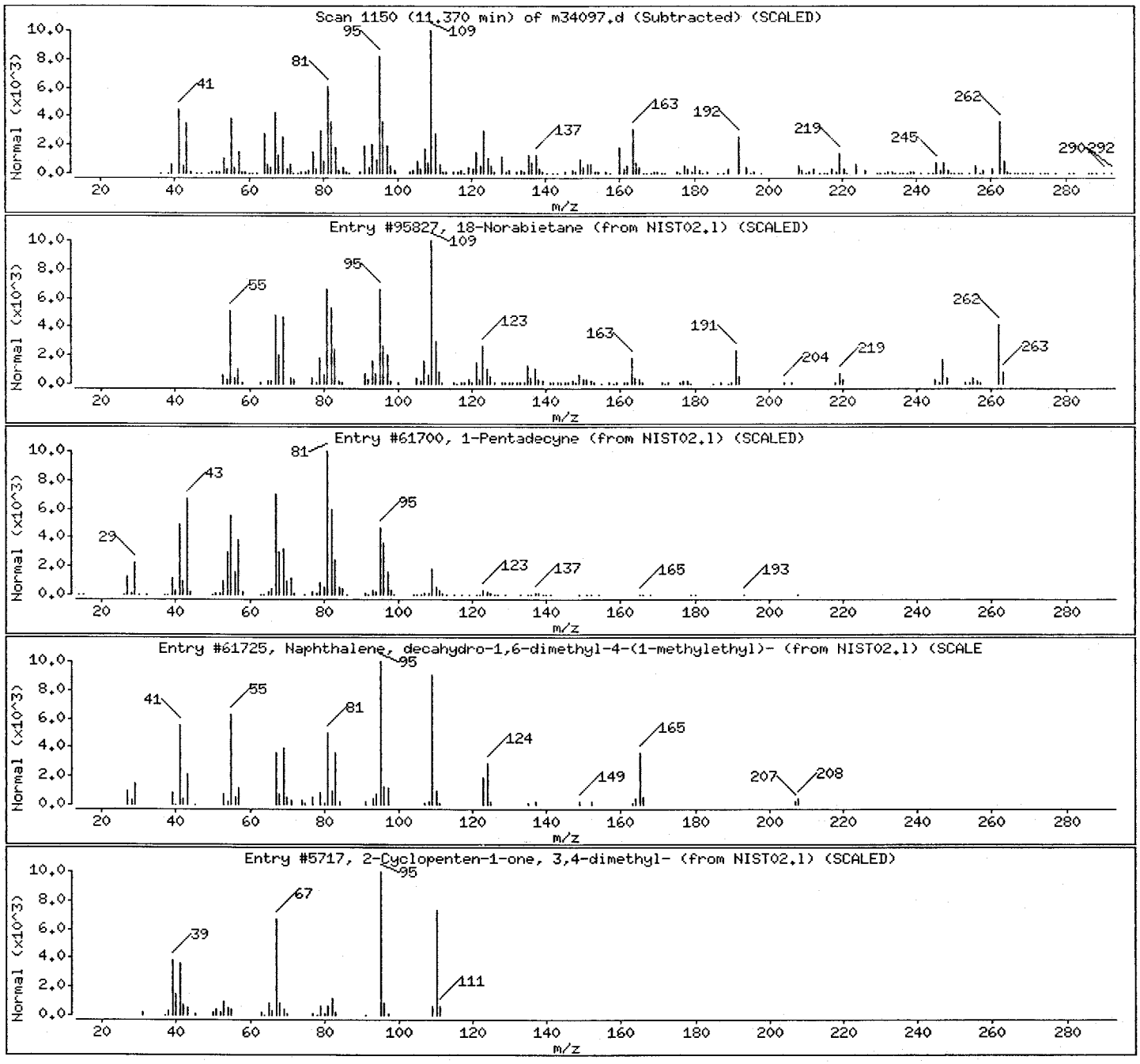
Client ID: 032608-1510 Instrument: BNAMS6.i

Sample Info: 908707;4225906

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
18-Norabietane	1000293-16-6	NIST02.l	95827	94	C19H34	262
1-Pentadecyne	765-13-9	NIST02.l	61700	62	C15H28	208
Naphthalene, decahydro-1,6-dimethyl-4-(1	34315-85-0	NIST02.l	61725	38	C15H28	208
2-Cyclopenten-1-one, 3,4-dimethyl-	30434-64-1	NIST02.l	5717	30	C7H10O	110



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

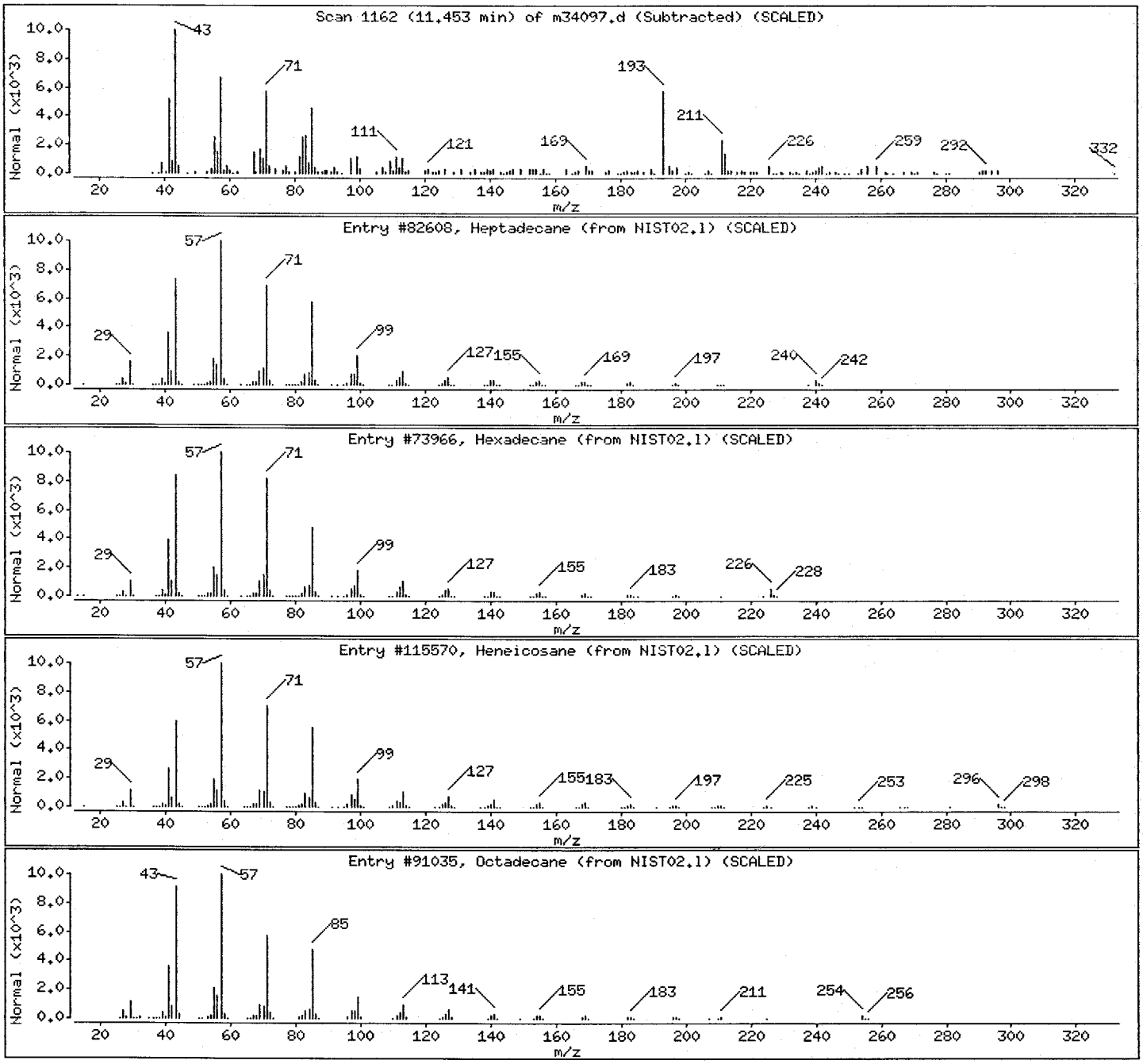
Client ID: 032608-1510 Instrument: BNAMS6.i

Sample Info: 908707;4225906

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Heptadecane	629-78-7	NIST02.l	82608	90	C17H36	240
Hexadecane	544-76-3	NIST02.l	73966	80	C16H34	226
Heneicosane	629-94-7	NIST02.l	115570	70	C21H44	296
Octadecane	593-45-3	NIST02.l	91035	60	C18H38	254



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

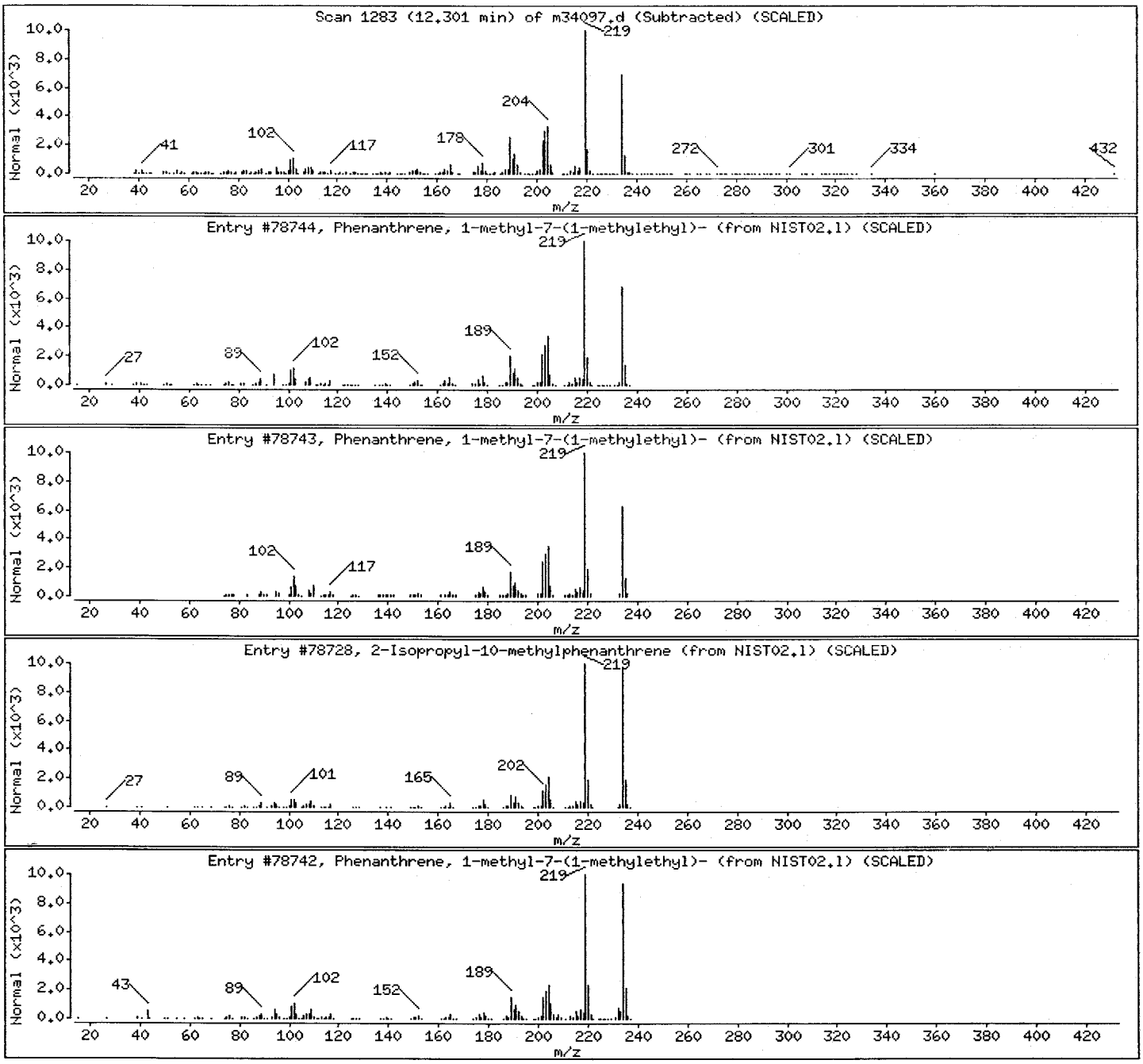
Date : 08-APR-2008 14:50

Client ID: 032608-1510 Instrument: BNAMS6.i

Sample Info: 908707;4225906 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C18H18 PAH						
Phenanthrene, 1-methyl-7-(1-methylethyl)	483-65-8	NIST02.l	78744	98	C18H18	234
Phenanthrene, 1-methyl-7-(1-methylethyl)	483-65-8	NIST02.l	78743	94	C18H18	234
2-Isopropyl-10-methylphenanthrene	66552-97-4	NIST02.l	78728	93	C18H18	234
Phenanthrene, 1-methyl-7-(1-methylethyl)	483-65-8	NIST02.l	78742	91	C18H18	234



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

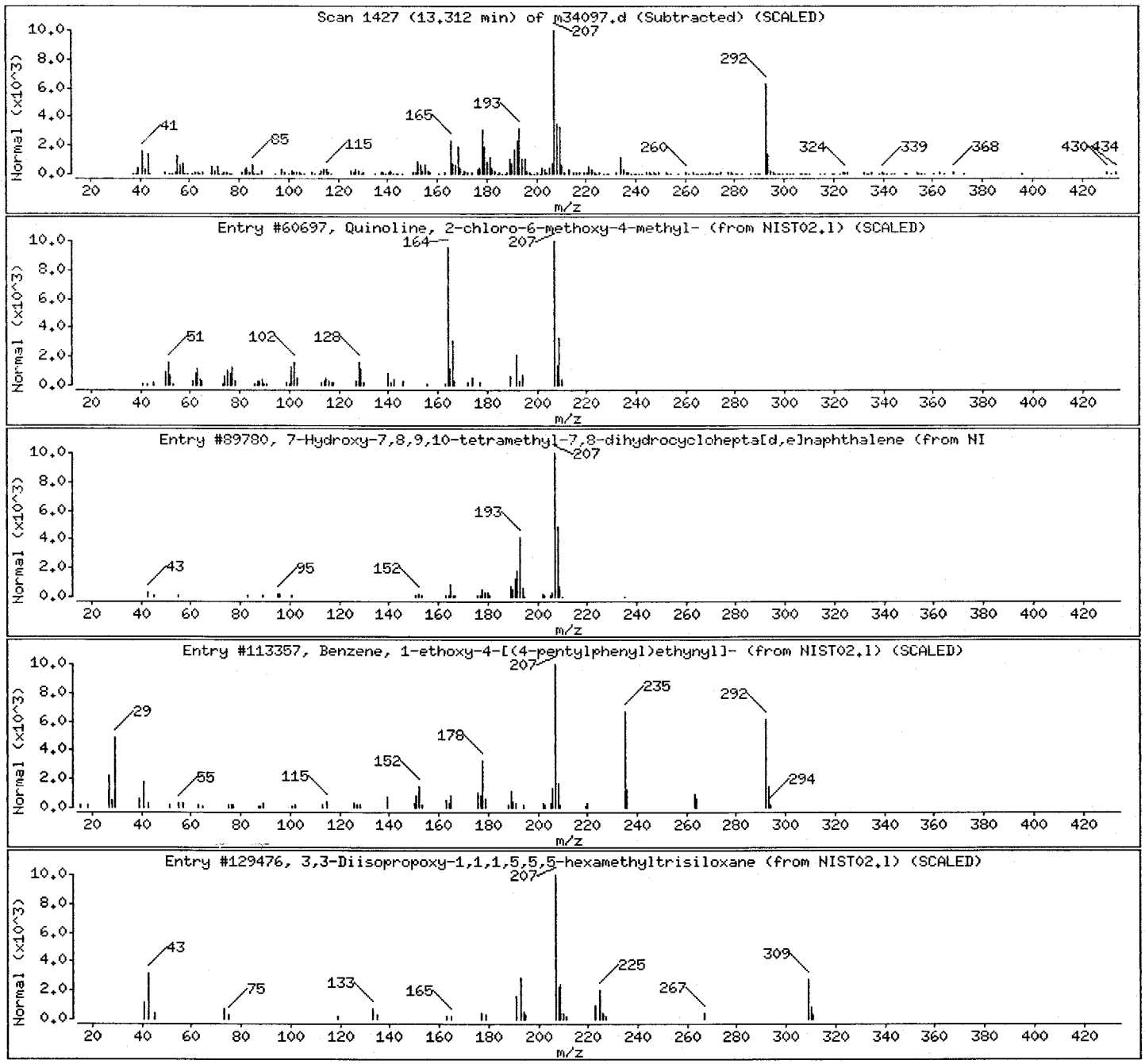
Client ID: 032608-1510 Instrument: BNAMS6.i

Sample Info: 908707;4225906

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Quinoline, 2-chloro-6-methoxy-4-methyl-	6340-55-2	NIST02.l	60697	46	C11H10ClNO	207
7-Hydroxy-7,8,9,10-tetramethyl-7,8-dihyd	1000110-34-9	NIST02.l	89780	46	C18H20O	252
Benzene, 1-ethoxy-4-[(4-pentylphenyl)eth	95480-29-8	NIST02.l	113357	43	C21H24O	292
3,3-Diisopropoxy-1,1,1,5,5,5-hexamethylt	18082-56-9	NIST02.l	129476	43	C12H32O4Si3	324



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

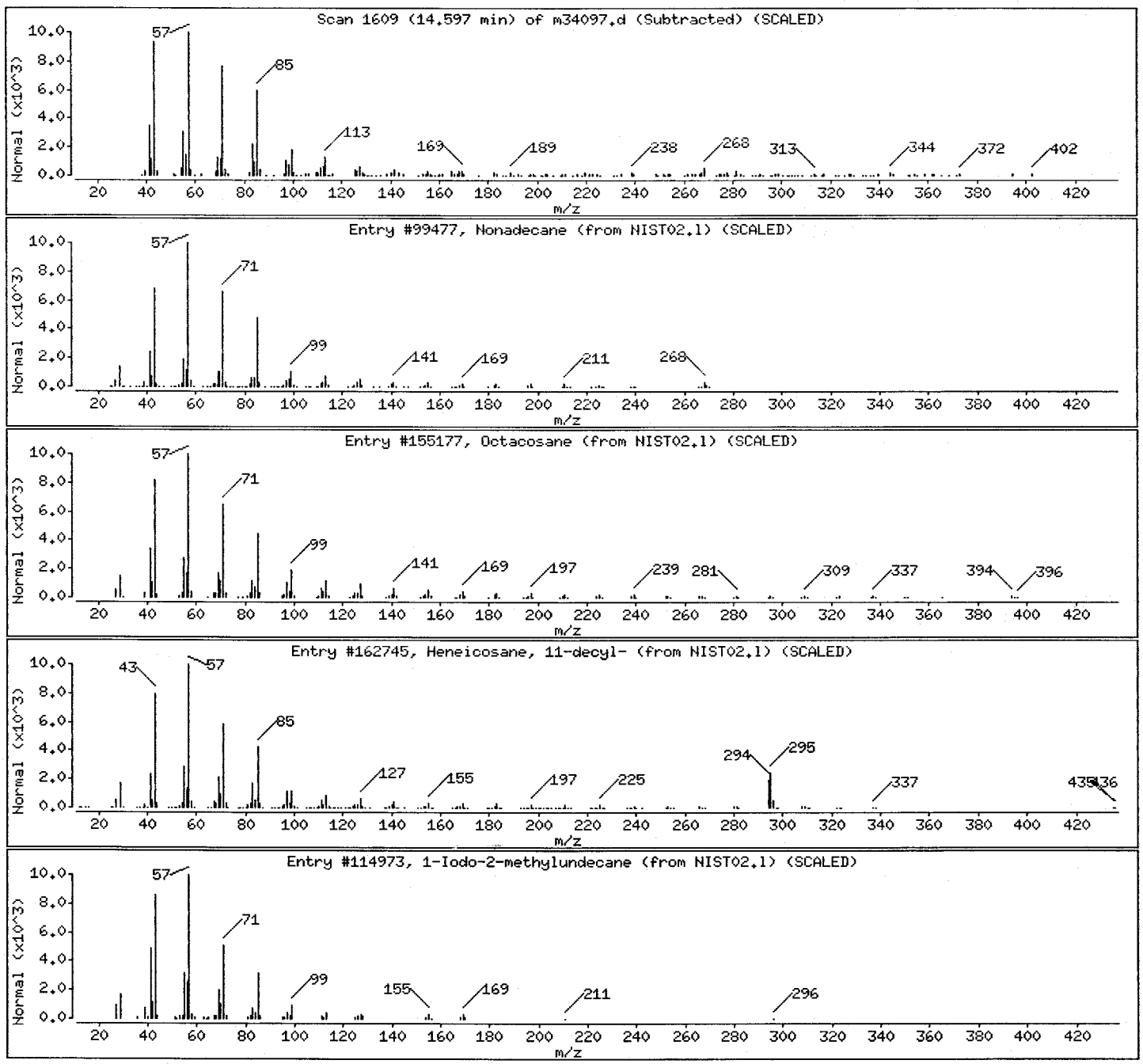
Client ID: 032608-1510 Instrument: BNAMS6.i

Sample Info: 908707;4225906

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Nonadecane	629-92-5	NIST02.l	99477	93	C19H40	268
Octacosane	630-02-4	NIST02.l	155177	93	C28H58	394
Heneicosane, 11-decyl-	55320-06-4	NIST02.l	162745	90	C31H64	437
1-Iodo-2-methylundecane	73105-67-6	NIST02.l	114973	87	C12H25I	296



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

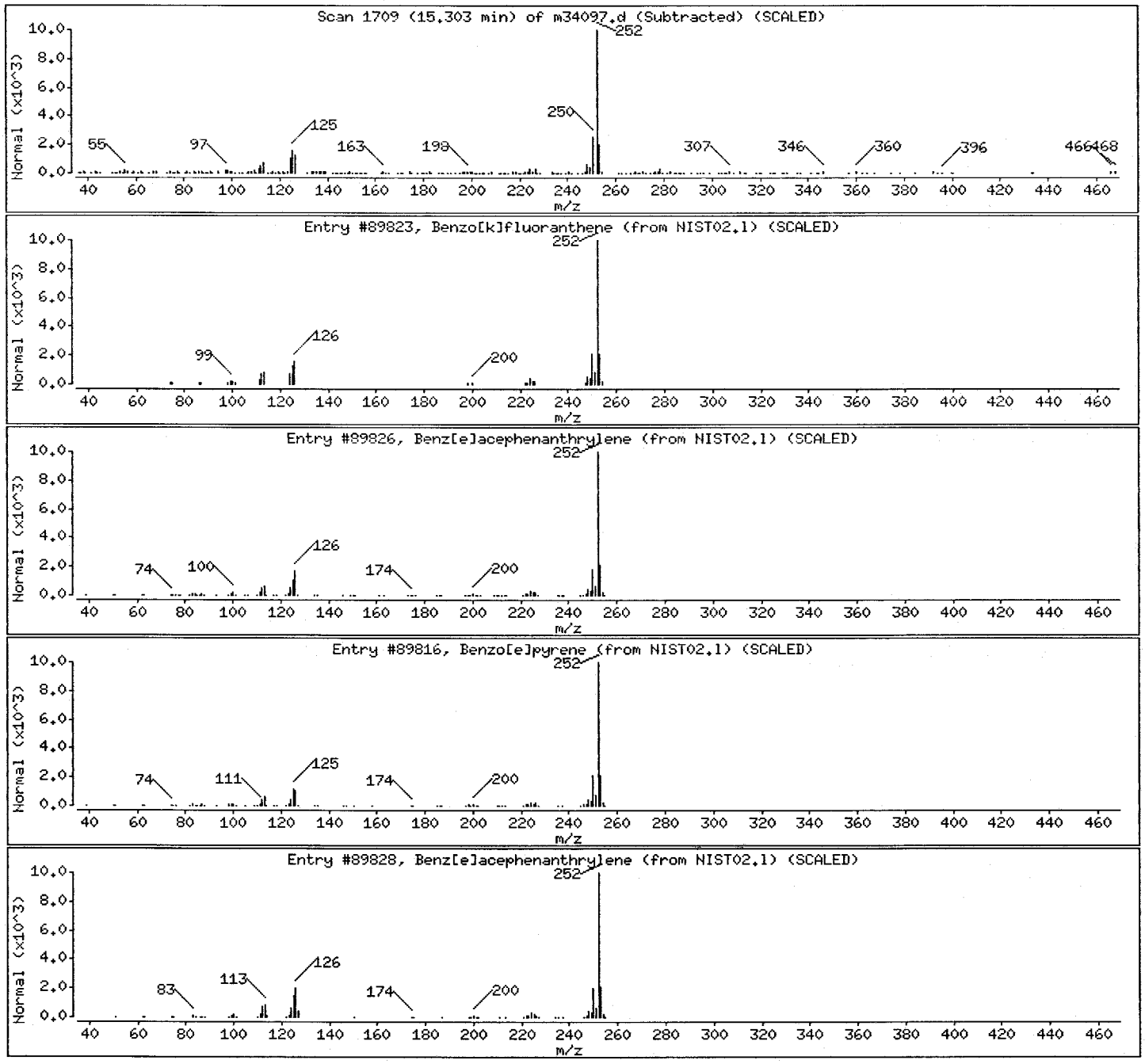
Client ID: 032608-1510 Instrument: BNAMS6.i

Sample Info: 908707;4225906

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH						
Benzo[k]fluoranthene	207-08-9	NIST02.1	89823	93	C20H12	252
Benz[e]acephenanthrylene	205-99-2	NIST02.1	89826	90	C20H12	252
Benzo[e]pyrene	192-97-2	NIST02.1	89816	90	C20H12	252
Benz[e]acephenanthrylene	205-99-2	NIST02.1	89828	89	C20H12	252



Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34097.d

Date : 08-APR-2008 14:50

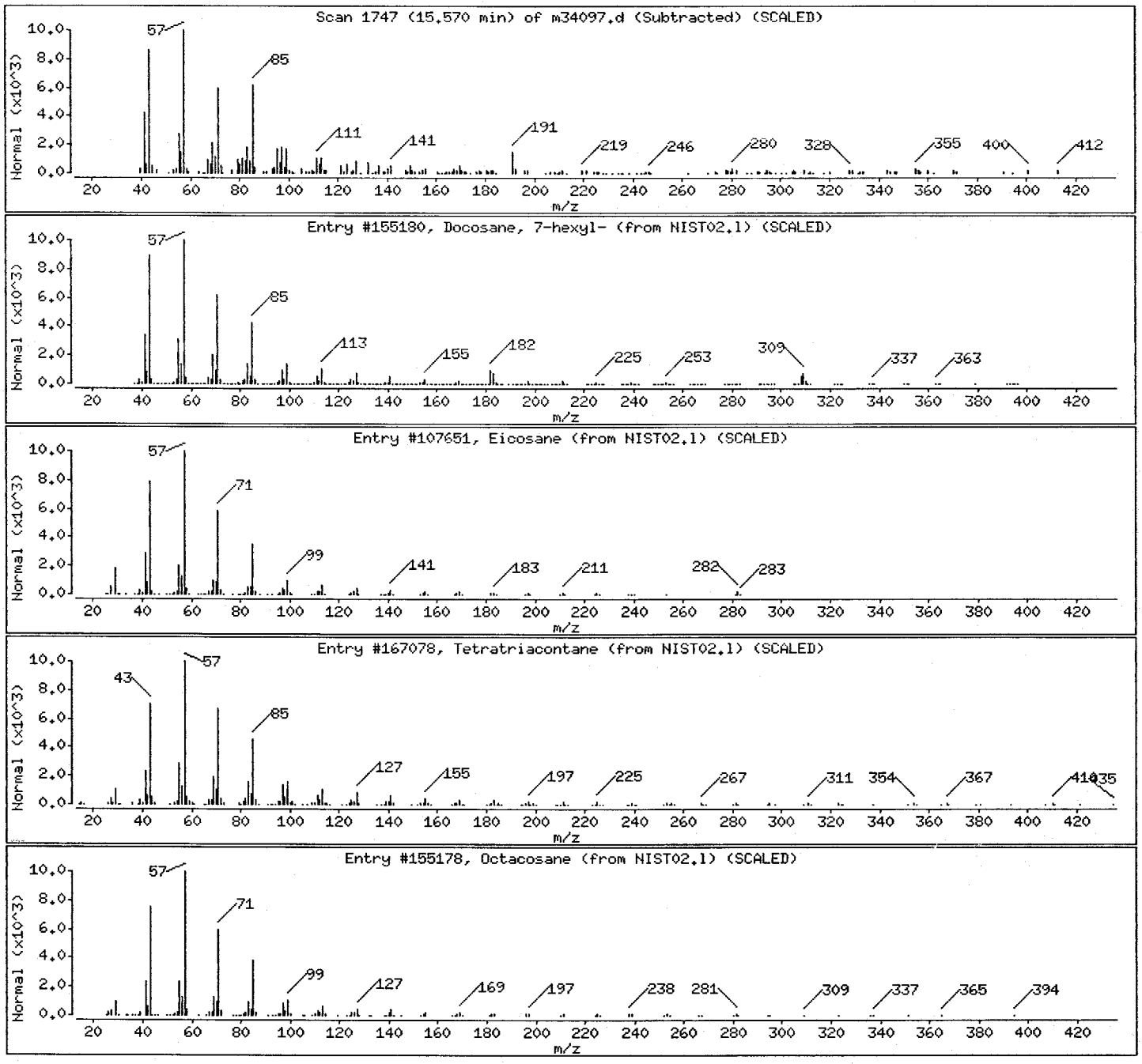
Client ID: 032608-1510 Instrument: BNAMS6.i

Sample Info: 908707;4225906

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Docosane, 7-hexyl-	55373-86-9	NIST02.l	155180	95	C28H58	394
Eicosane	112-95-8	NIST02.l	107651	92	C20H42	282
Tetratriacontane	14167-59-0	NIST02.l	167078	80	C34H70	479
Octacosane	630-02-4	NIST02.l	155178	74	C28H58	394



Client ID: **032608-1550**
Site: BP Hastings

Lab Sample No: **908708**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44001.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	1200
2-Chlorophenol	ND	1200
2-Methylphenol	ND	1200
4-Methylphenol	650 J	1200
2-Nitrophenol	ND	1200
2,4-Dimethylphenol	ND	1200
2,4-Dichlorophenol	ND	1200
4-Chloro-3-methylphenol	ND	1200
2,4,6-Trichlorophenol	ND	1200
2,4,5-Trichlorophenol	ND	1200
2,4-Dinitrophenol	ND	3600
4-Nitrophenol	ND	3600
4,6-Dinitro-2-methylphenol	ND	3600
Pentachlorophenol	ND	3600

Client ID: **032608-1550**
Site: BP Hastings

Lab Sample No: **908708**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44001.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	120
1,3-Dichlorobenzene	ND	1200
1,4-Dichlorobenzene	ND	1200
1,2-Dichlorobenzene	ND	1200
bis(2-chloroisopropyl)ether	ND	1200
N-Nitroso-di-n-propylamine	ND	120
Hexachloroethane	ND	120
Nitrobenzene	ND	120
Isophorone	ND	1200
bis(2-Chloroethoxy)methane	ND	1200
1,2,4-Trichlorobenzene	ND	120
Naphthalene	390 J	1200
4-Chloroaniline	ND	1200
Hexachlorobutadiene	ND	240
2-Methylnaphthalene	80 J	1200
Hexachlorocyclopentadiene	ND	1200
2-Chloronaphthalene	ND	1200
2-Nitroaniline	ND	2400
Dimethylphthalate	ND	1200
Acenaphthylene	ND	1200
2,6-Dinitrotoluene	ND	240
3-Nitroaniline	ND	2400
Acenaphthene	200 J	1200
Dibenzofuran	72 J	1200
2,4-Dinitrotoluene	ND	240
Diethylphthalate	ND	1200
4-Chlorophenyl-phenylether	ND	1200
Fluorene	160 J	1200
4-Nitroaniline	ND	2400
N-Nitrosodiphenylamine	ND	1200
4-Bromophenyl-phenylether	ND	1200
Hexachlorobenzene	ND	120
Phenanthrene	1200	1200
Anthracene	290 J	1200

Client ID: **032608-1550**
Site: BP Hastings

Lab Sample No: **908708**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44001.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	60 J	1200
Di-n-butylphthalate	ND	1200
Fluoranthene	1700	1200
Pyrene	2200	1200
Butylbenzylphthalate	ND	1200
3,3'-Dichlorobenzidine	ND	2400
Benzo(a)anthracene	890	120
Chrysene	1000 J	1200
bis(2-Ethylhexyl)phthalate	ND	1200
Di-n-octylphthalate	ND	1200
Benzo(b)fluoranthene	650	120
Benzo(k)fluoranthene	920	120
Benzo(a)pyrene	800	120
Indeno(1,2,3-cd)pyrene	260	120
Dibenz(a,h)anthracene	ND	120
Benzo(g,h,i)perylene	220 J	1200

Client ID: **032608-1550**
Site: BP Hastings

Lab Sample No: **908708**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44001.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 2.0
% Moisture: 44.1

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Unknown Alkane	9.58	1200	
2.	Unknown Alkane	9.84	1300	
3.	Unknown Alkane	10.30	1300	
4.	Phenol, 3-(2-phenylethyl)-	10.62	1200	
5.	Unknown	10.93	1000	
6.	Unknown	11.17	3200	
7.	Unknown	11.28	8300	
8.	Unknown	11.38	9400	
9.	Unknown	11.45	1200	
10.	Unknown	11.56	1400	
11.	C16H14 PAH	11.61	1000	
12.	Unknown	12.07	1500	
13.	Phenanthrene, 1-methyl-7-(1-methylethy	12.31	2300	
14.	Octadecanoic acid, butyl ester	12.52	1800	
15.	Unknown	12.84	2300	
16.	Unknown Alkane	12.92	1600	
17.	Unknown Alkane	13.71	1600	
18.	Unknown Alkane	14.56	3700	
19.	Unknown	14.62	5200	
20.	C20H12 PAH	15.28	2900	
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 53400

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d
Report Date: 09-Apr-2008 21:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d
Lab Smp Id: 908708 Client Smp ID: 032608-1550
Inj Date : 09-APR-2008 17:12
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 908708;4225908
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS4.i/8270/04-09-08/09apr08.b/8270C_08.m
Meth Date : 09-Apr-2008 21:55 rusin Quant Type: ISTD
Cal Date : 09-APR-2008 13:26 Cal File: u43994.d
Als bottle: 13
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	44.10000	% Moisture

Cpnd Variable Local Compound Variable

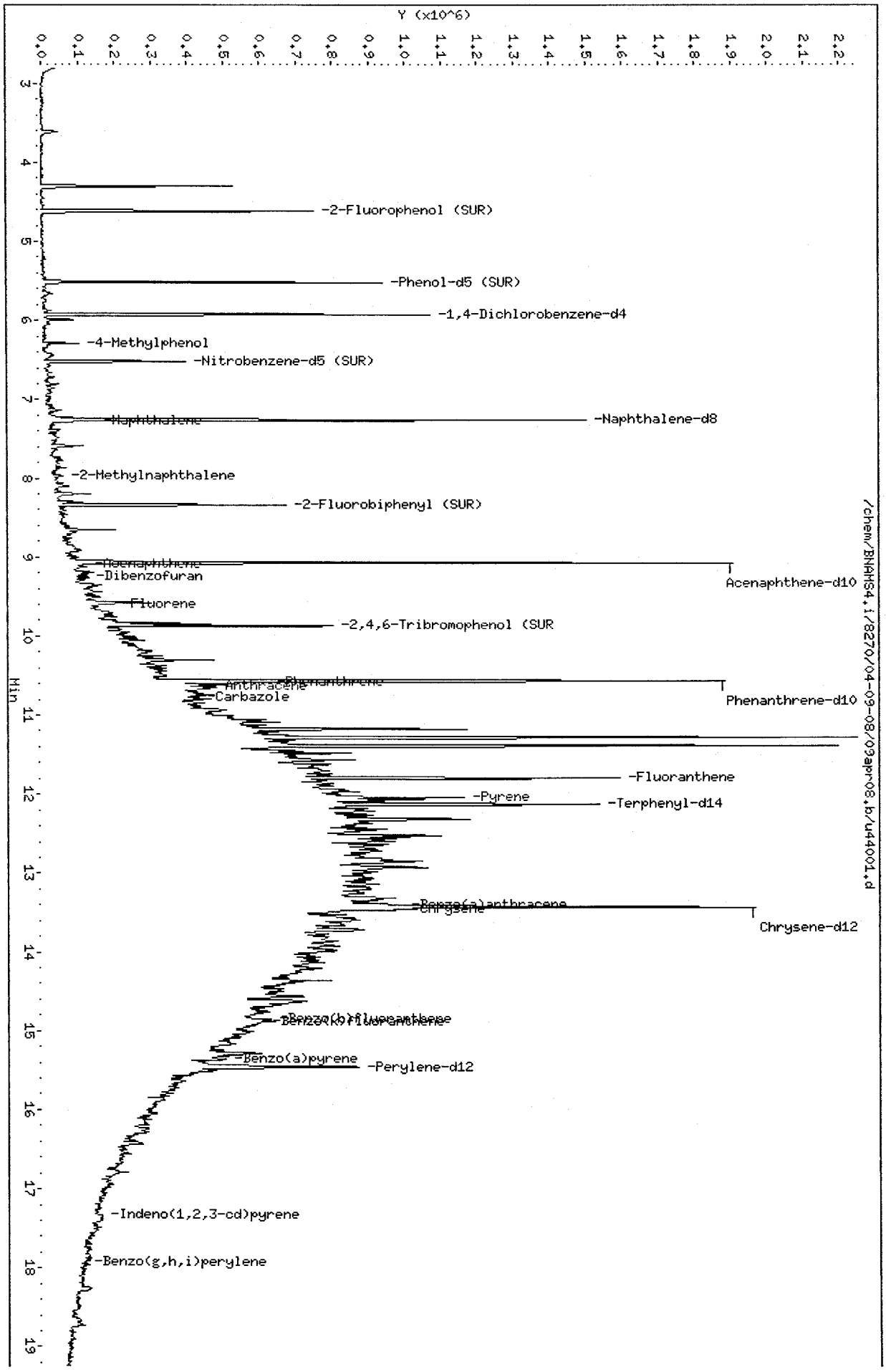
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.619	4.611	(0.780)	255483	29.9185	7100
$ 17 Phenol-d5 (SUR)	99	5.516	5.508	(0.931)	416275	32.3649	7700
* 79 1,4-Dichlorobenzene-d4	152	5.923	5.923	(1.000)	144408	40.0000	
4 4-Methylphenol	108	6.287	6.288	(1.061)	25780	2.74411	650(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.520	6.517	(0.898)	155772	18.6129	4400
* 80 Naphthalene-d8	136	7.259	7.259	(1.000)	583869	40.0000	
31 Naphthalene	128	7.274	7.274	(1.002)	24475	1.64318	390(a)
34 2-Methylnaphthalene	142	7.971	7.973	(1.098)	3509	0.33782	80(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.337	8.341	(0.919)	171862	15.7943	3800
* 82 Acenaphthene-d10	164	9.070	9.066	(1.000)	368166	40.0000	
42 Acenaphthene	154	9.101	9.104	(1.003)	8417	0.82355	200(a)
43 Dibenzofuran	168	9.250	9.252	(1.020)	4554	0.30122	72(a)
47 Fluorene	166	9.599	9.602	(1.058)	8129	0.67248	160(a)

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d
Report Date: 09-Apr-2008 21:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$	18 2,4,6-Tribromophenol (SUR)	330	9.873	9.868	(1.088)	78599	29.7678	7100
*	83 Phenanthrene-d10	188	10.566	10.559	(1.000)	590584	40.0000	
	52 Phenanthrene	178	10.588	10.582	(1.002)	81035	5.18531	1200
	53 Anthracene	178	10.629	10.626	(1.006)	19027	1.20467	290(a)
	54 Carbazole	167	10.770	10.767	(1.019)	3572	0.25192	60(a)
	56 Fluoranthene	202	11.790	11.784	(1.116)	129127	6.96527	1700
	57 Pyrene	202	12.031	12.028	(0.896)	147369	9.15486	2200
$	78 Terphenyl-d14	244	12.122	12.111	(0.903)	233676	18.8970	4500
	61 Benzo(a)anthracene	228	13.396	13.381	(0.998)	55766	3.71932	890
*	81 Chrysene-d12	240	13.424	13.417	(1.000)	574644	40.0000	
	62 Chrysene	228	13.452	13.439	(1.002)	58258	4.36721	1000(a)
	65 Benzo(b)fluoranthene	252	14.857	14.847	(0.961)	29920	2.74214	650
	66 Benzo(k)fluoranthene	252	14.885	14.877	(0.963)	35125	3.85779	920
	67 Benzo(a)pyrene	252	15.359	15.337	(0.994)	29537	3.36596	800
*	84 Perylene-d12	264	15.457	15.449	(1.000)	276469	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	17.337	17.337	(1.122)	9894	1.07148	260
	70 Benzo(g,h,i)perylene	276	17.926	17.910	(1.160)	7640	0.93681	220(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).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Date : 09-APR-2008 17:12
Client ID: 032608-1550
Sample Info: 908708;4225908
Column phase: DB-5
Instrument: BNAMS4.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
Min
/chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-4-Methylphenol
-Nitrobenzene-d5 (SUR)
-Naphthalene
-Naphthalene-d8
-2-Methylnaphthalene
-2-Fluorobiphenyl (SUR)
-Acenaphthene
-Dibenzofuran
Acenaphthene-d10
-Fluorene
-2,4,6-Tribromophenol (SUR
-Phenanthrene
-Anthracene
-Carbazole
Phenanthrene-d10
-Fluoranthene
-Pyrene
-Terphenyl-d14
-Benzo(a)anthracene
-Chrysene
Chrysene-d12
-Benzo(b)fluoranthene
-Benzo(k)fluoranthene
-Benzo(a)pyrene
-Perylene-d12
-Indeno(1,2,3-cd)pyrene
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

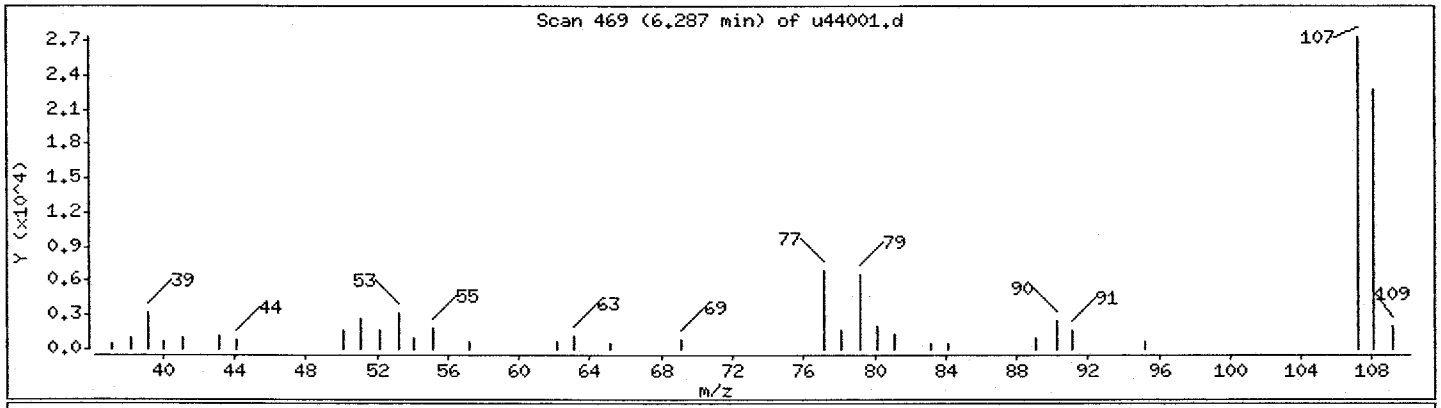
Client ID: 032608-1550 Instrument: BNAMS4.i

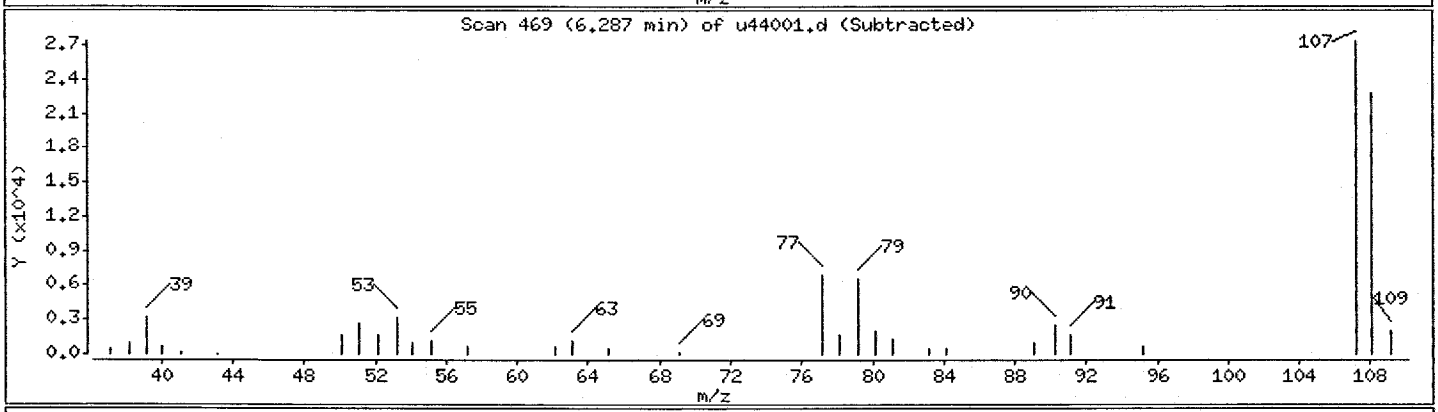
Sample Info: 908708;4225908

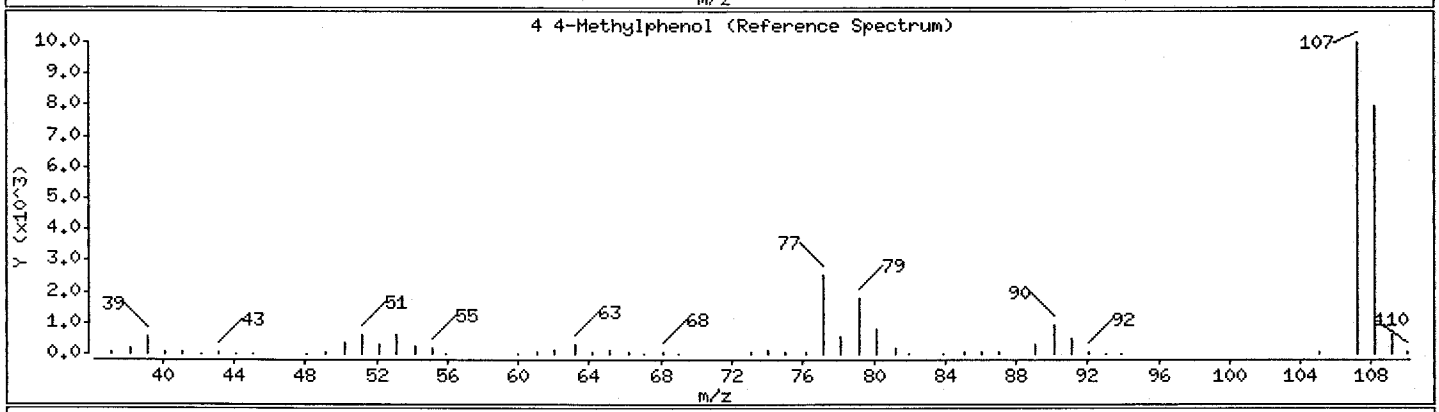
Operator: BNAMS 4

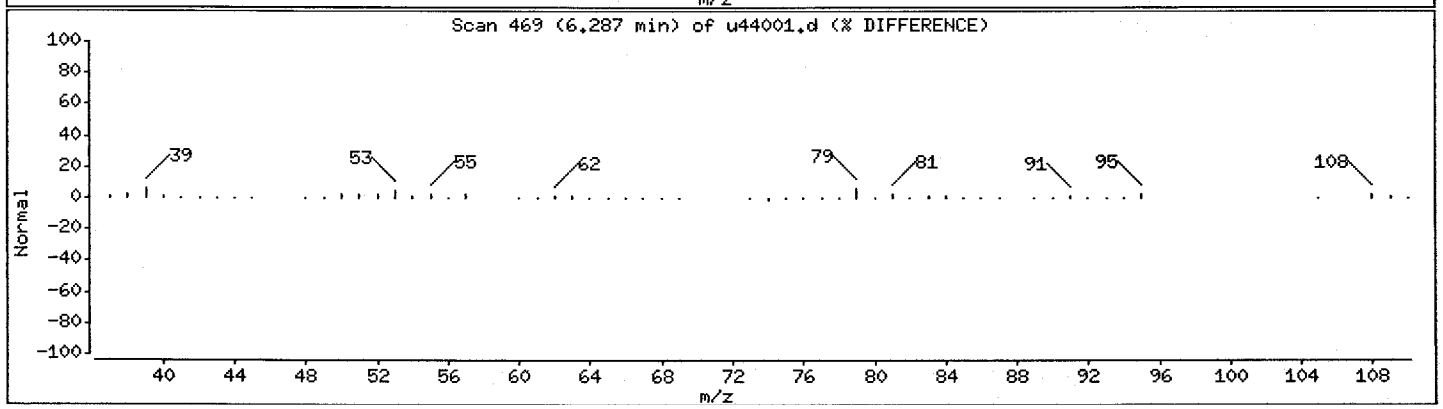
Column phase: DB-5 Column diameter: 0.25

4 4-Methylphenol Concentration: 650 ug/Kg









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Date : 09-APR-2008 17:12

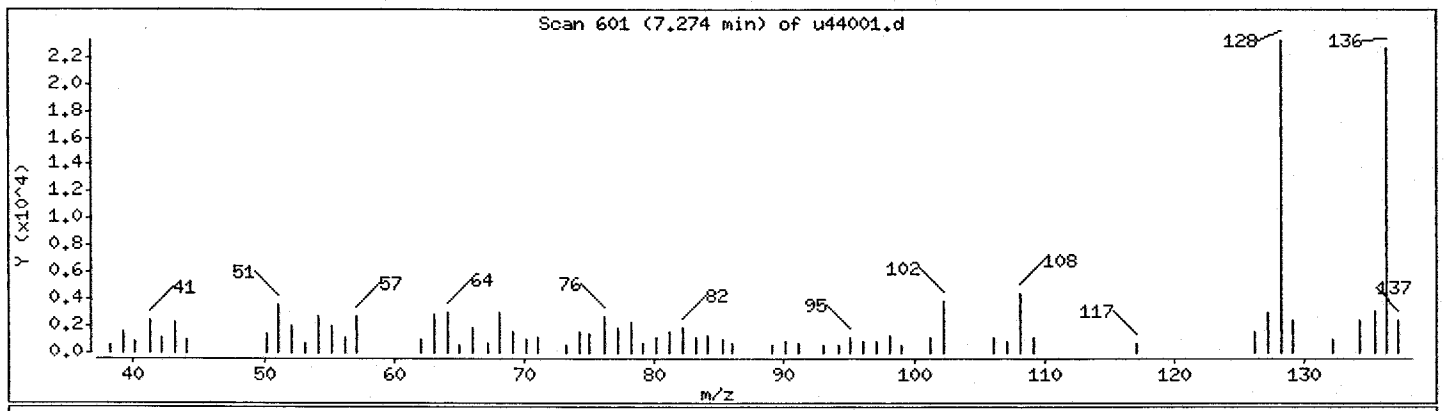
Client ID: 032608-1550 Instrument: BNAMS4.i

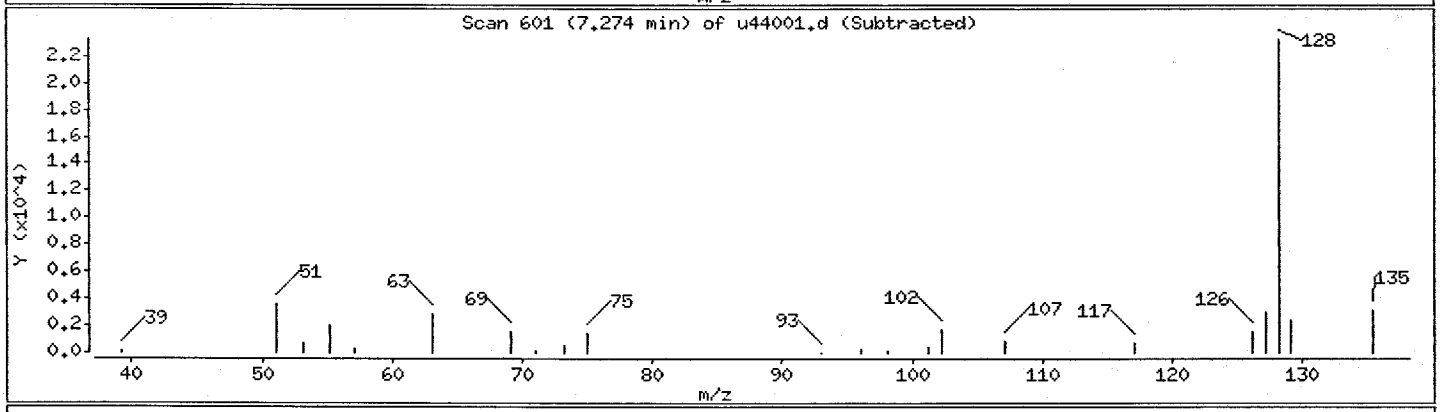
Sample Info: 908708;4225908

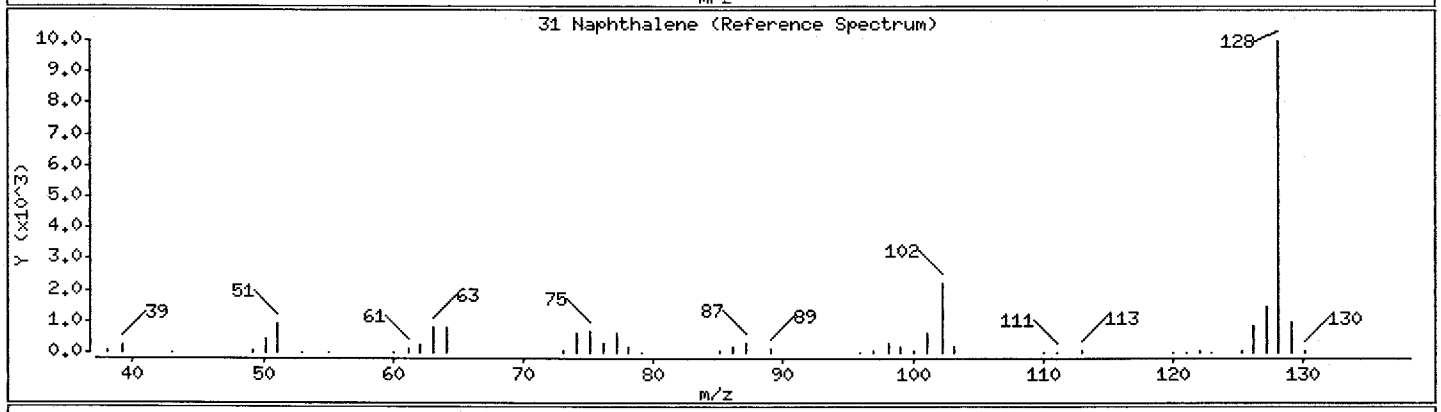
Operator: BNAMS 4

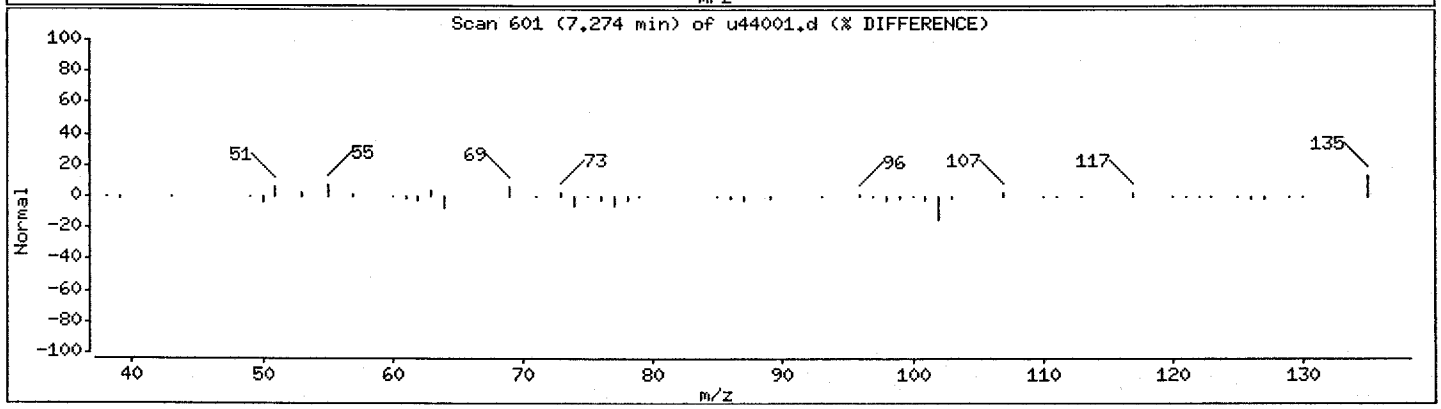
Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 390 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

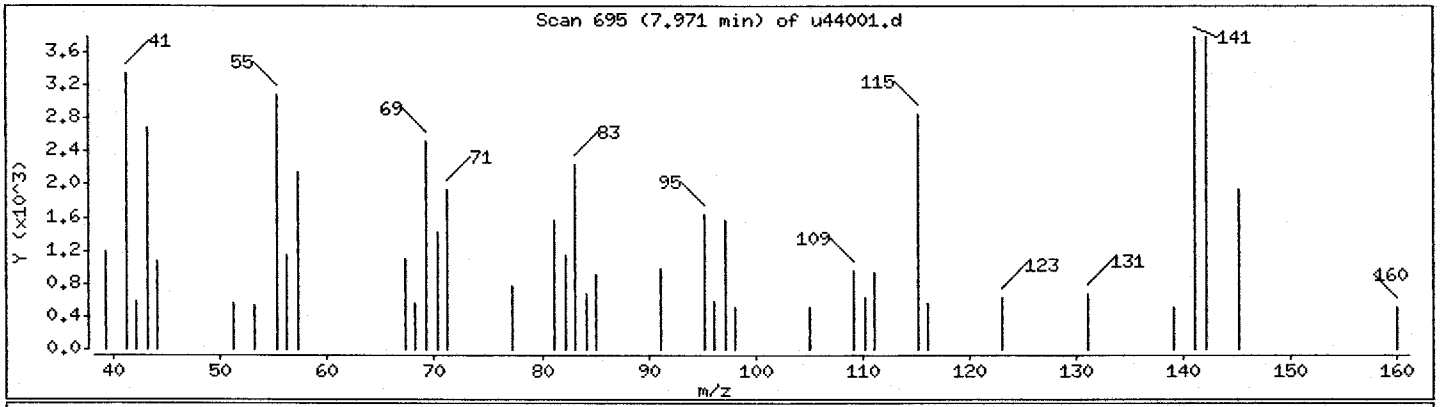
Client ID: 032608-1550 Instrument: BNAMS4.i

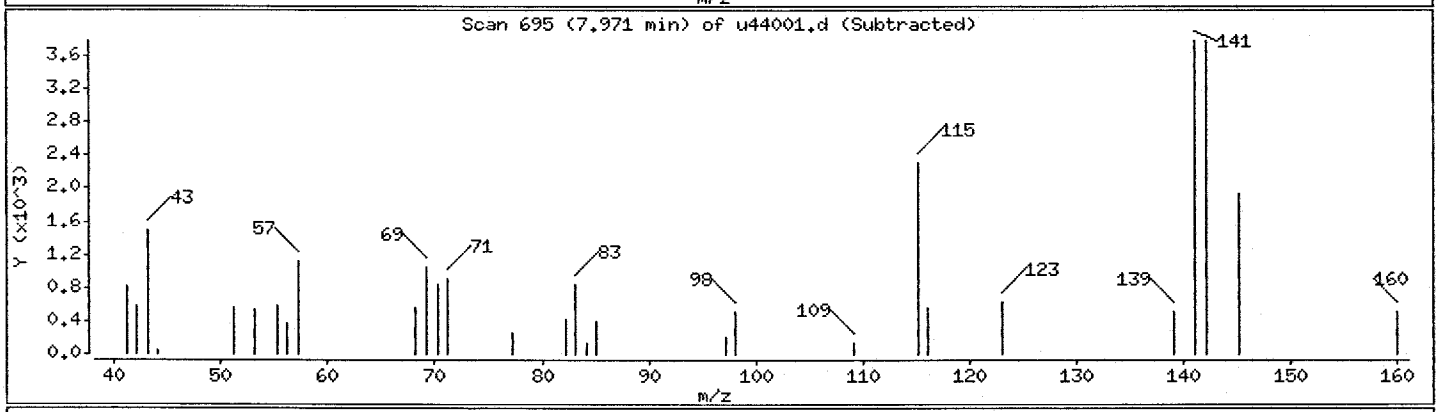
Sample Info: 908708;4225908

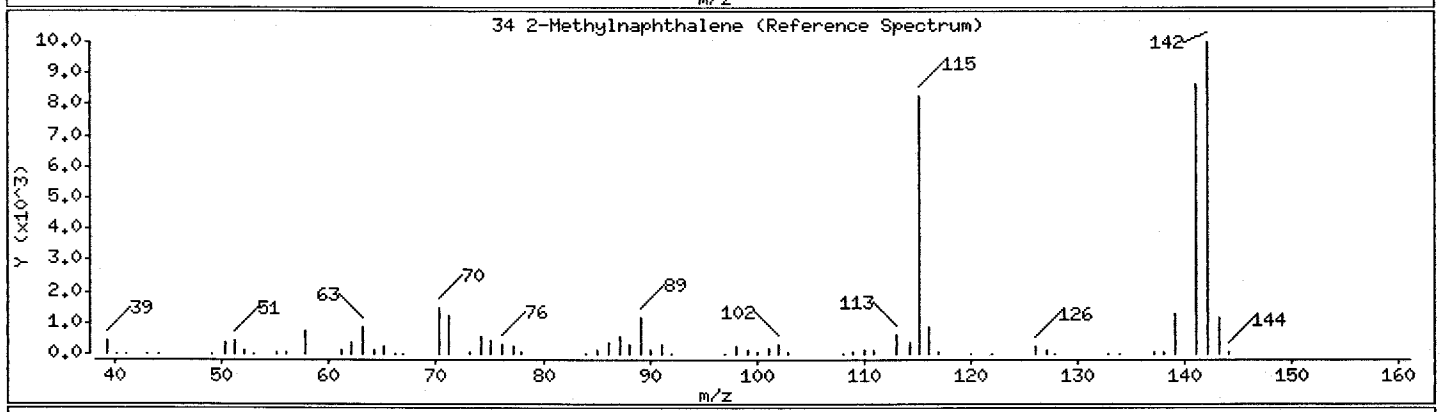
Operator: BNAMS 4

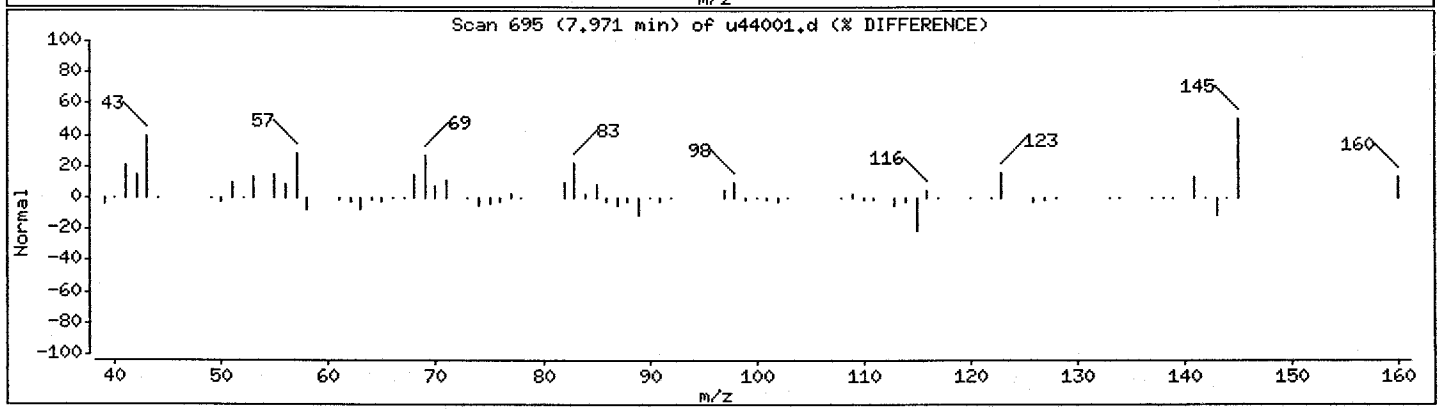
Column phase: DB-5 Column diameter: 0.25

34 2-Methylnaphthalene Concentration: 80 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

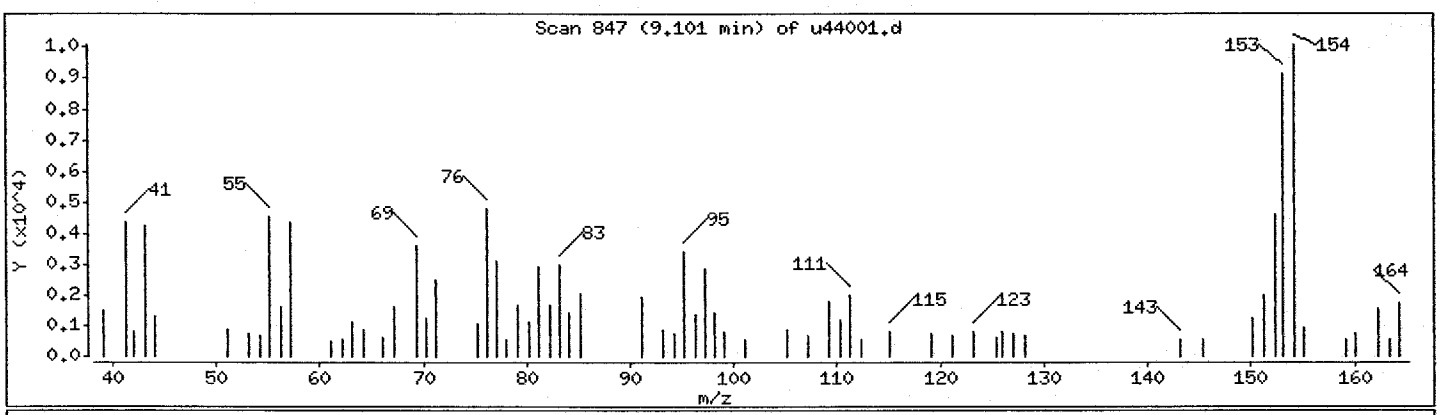
Client ID: 032608-1550 Instrument: BNAMS4.i

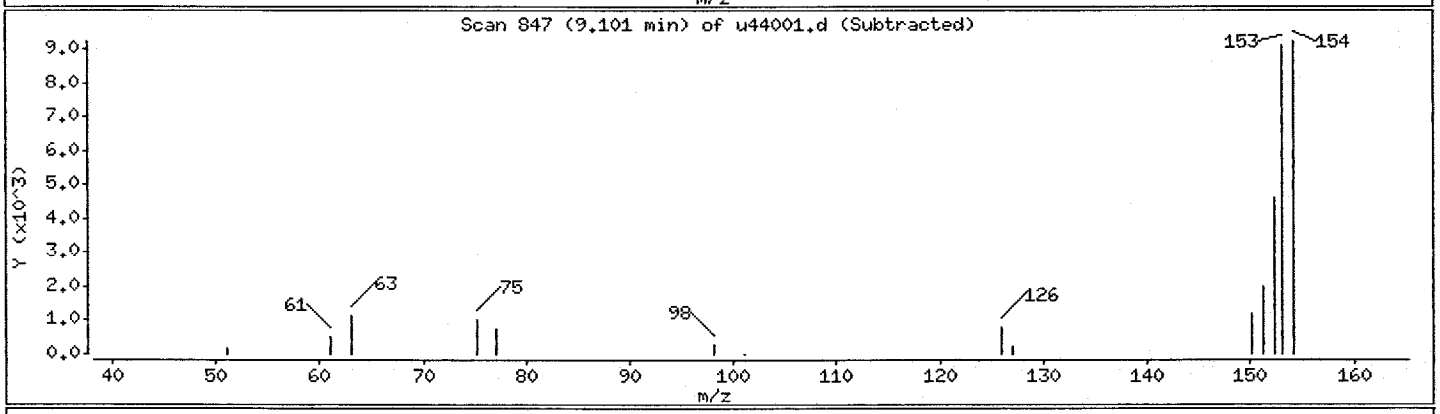
Sample Info: 908708;4225908

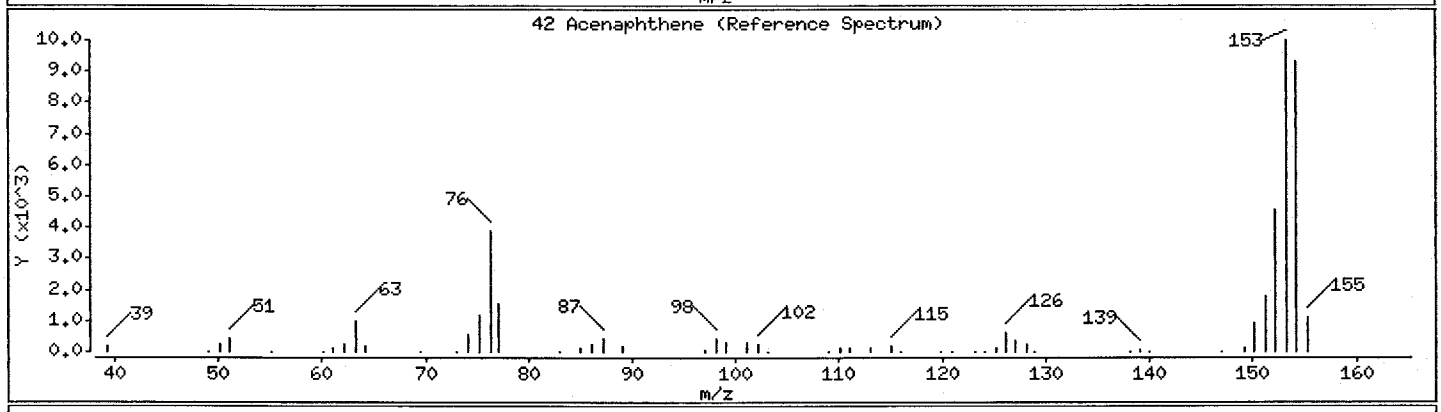
Operator: BNAMS 4

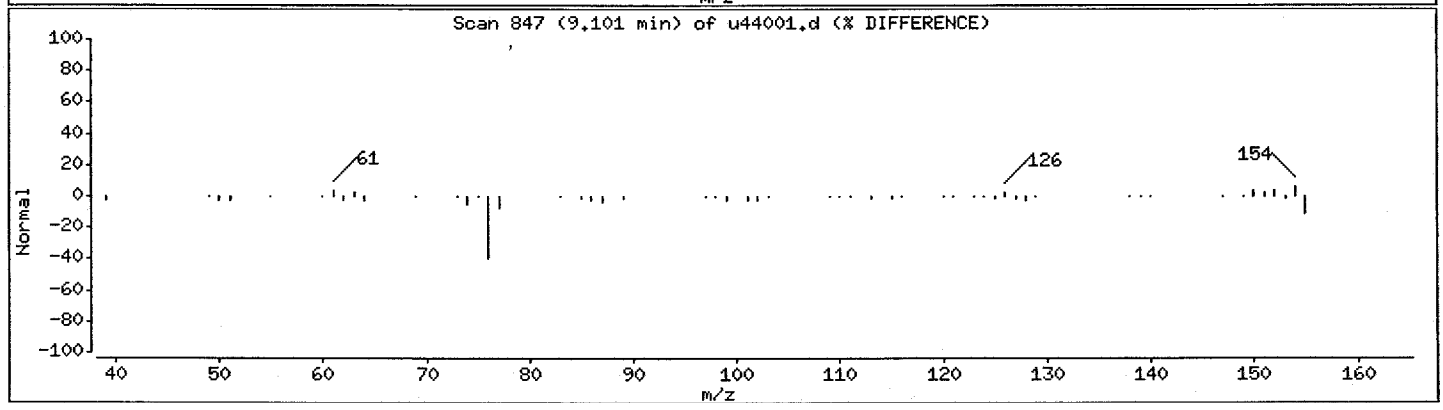
Column phase: DB-5 Column diameter: 0.25

42 Acenaphthene Concentration: 200 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

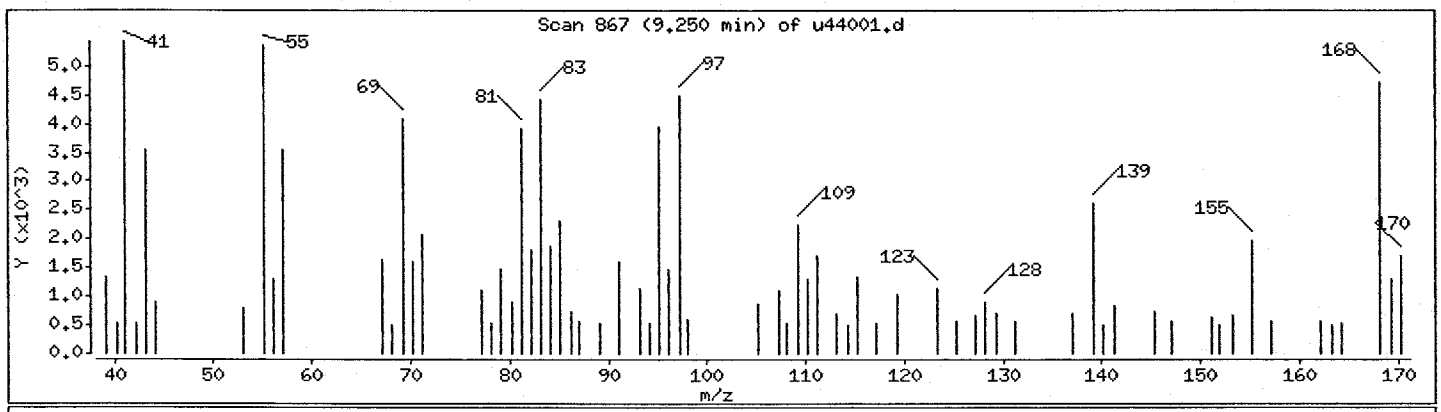
Client ID: 032608-1550 Instrument: BNAMS4.i

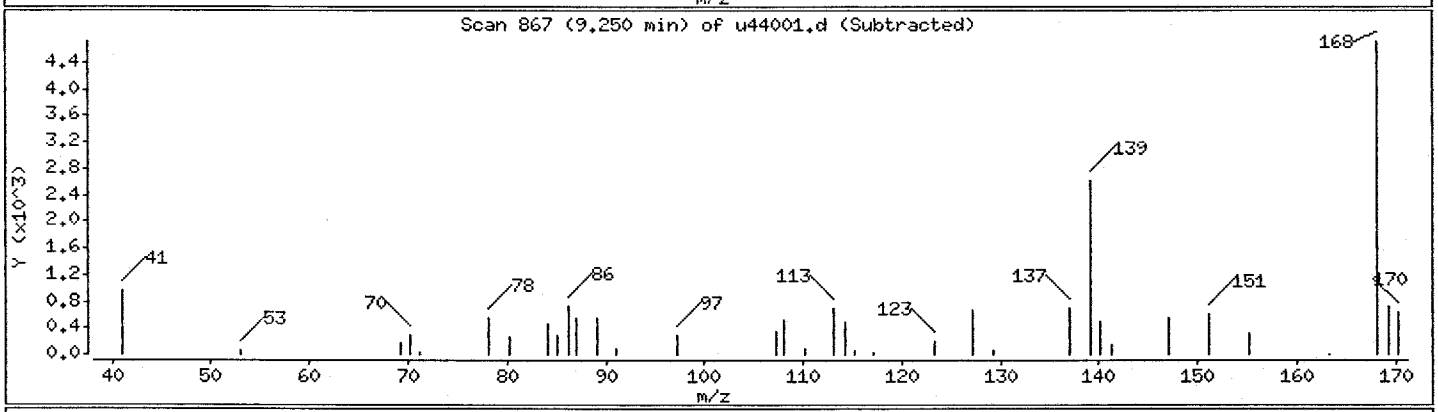
Sample Info: 908708;4225908

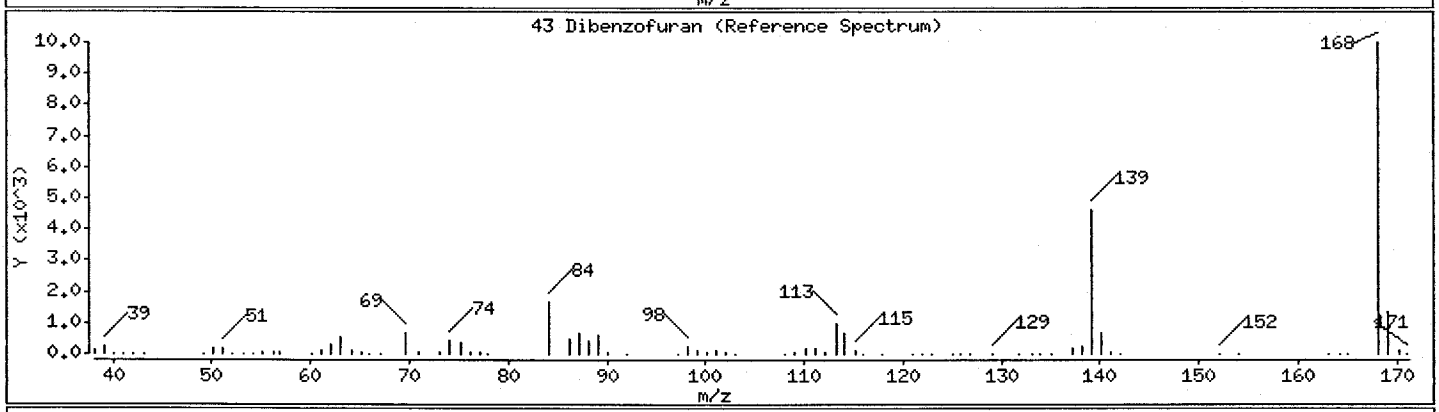
Operator: BNAMS 4

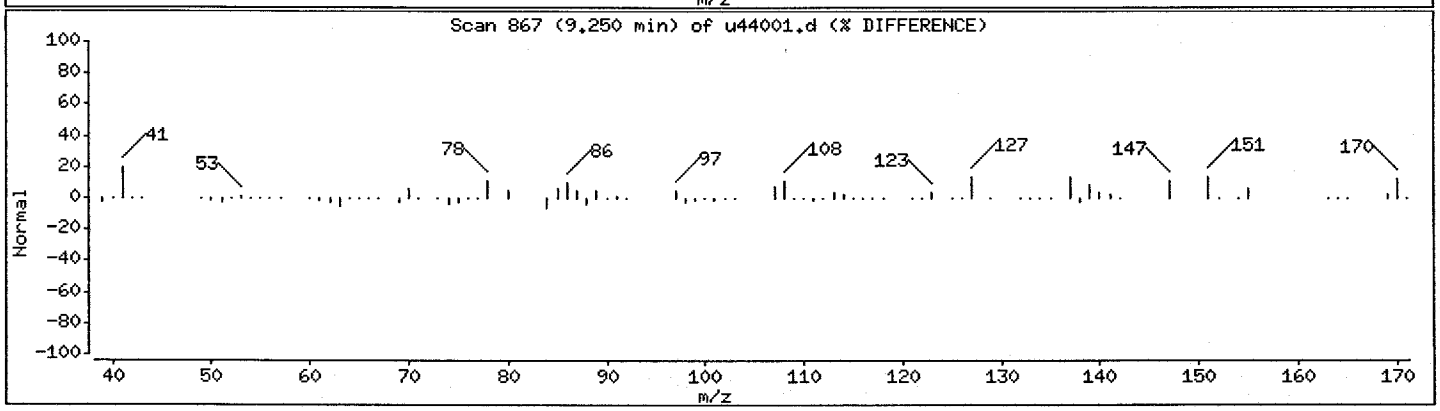
Column phase: DB-5 Column diameter: 0.25

43 Dibenzofuran Concentration: 72 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

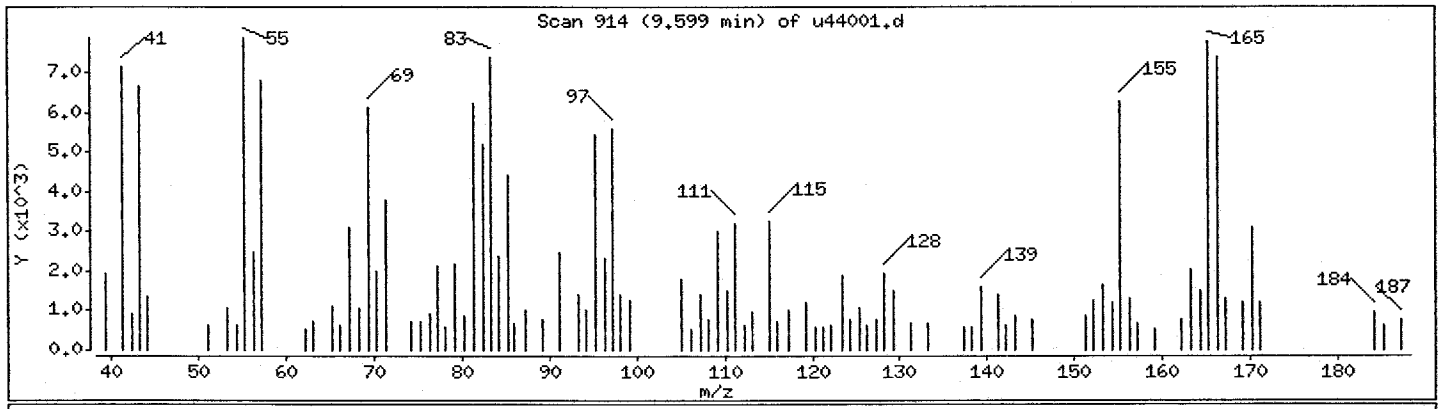
Client ID: 032608-1550 Instrument: BNAMS4.i

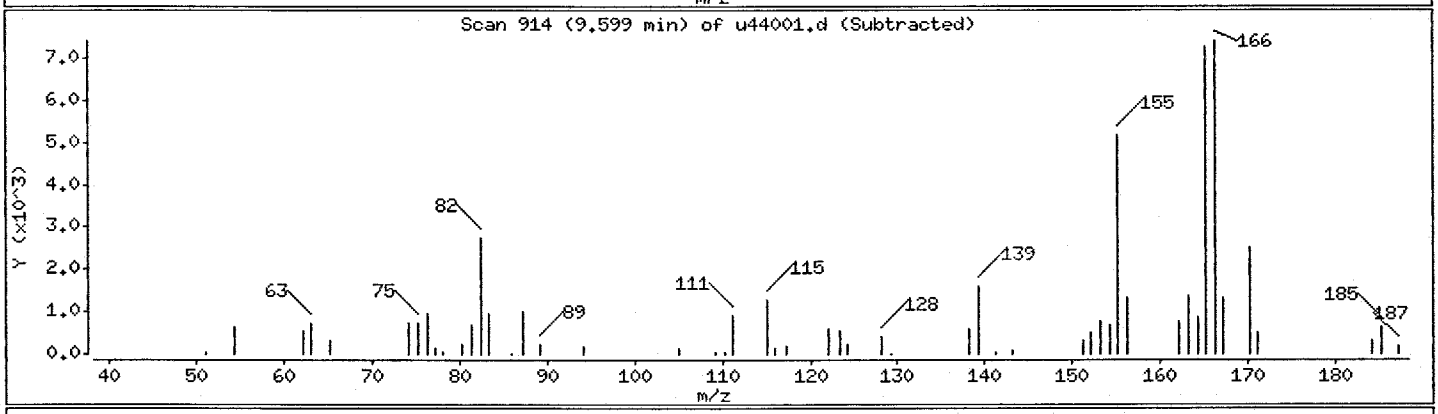
Sample Info: 908708;4225908

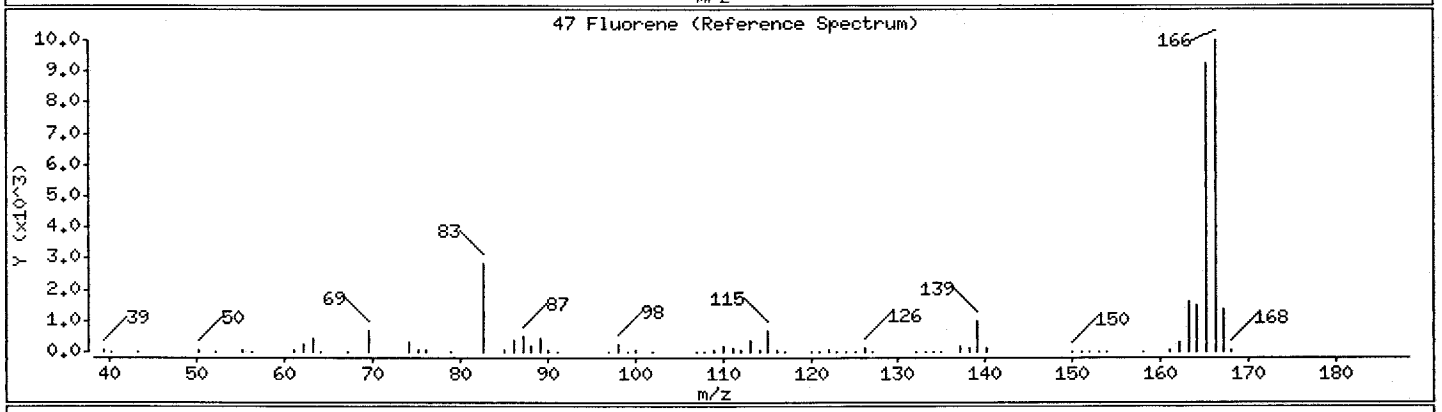
Operator: BNAMS 4

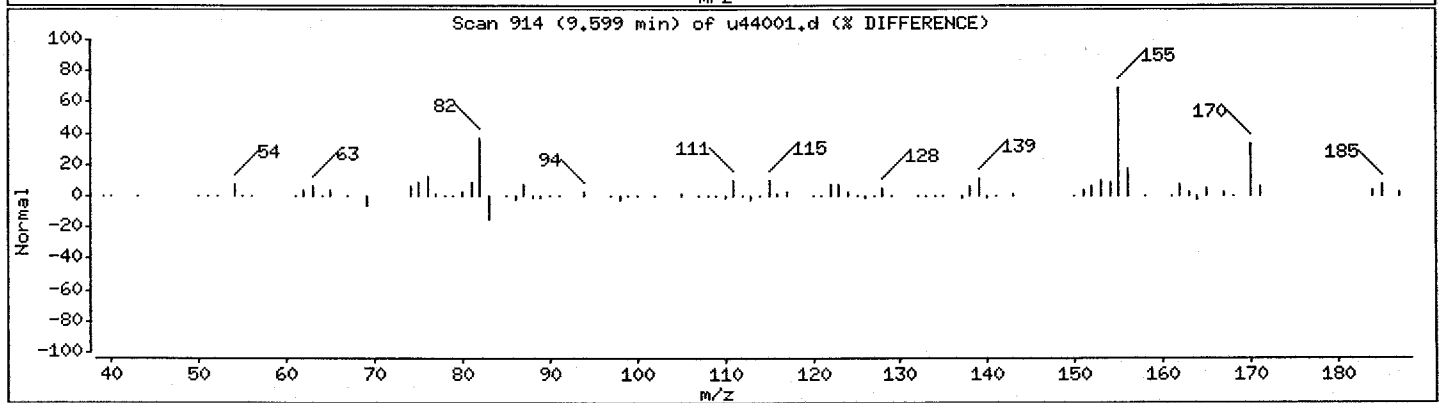
Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 160 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

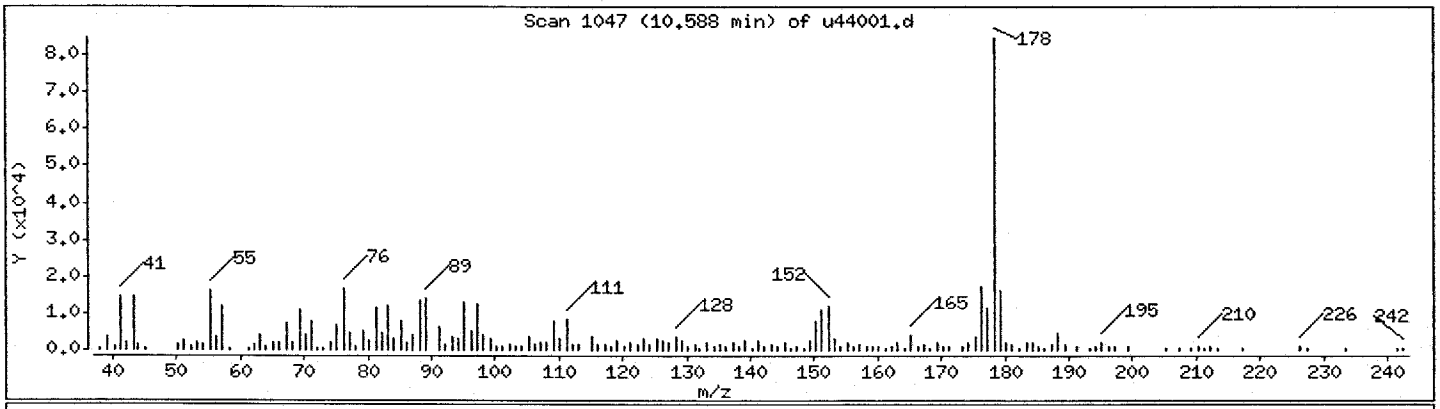
Client ID: 032608-1550 Instrument: BNAMS4.i

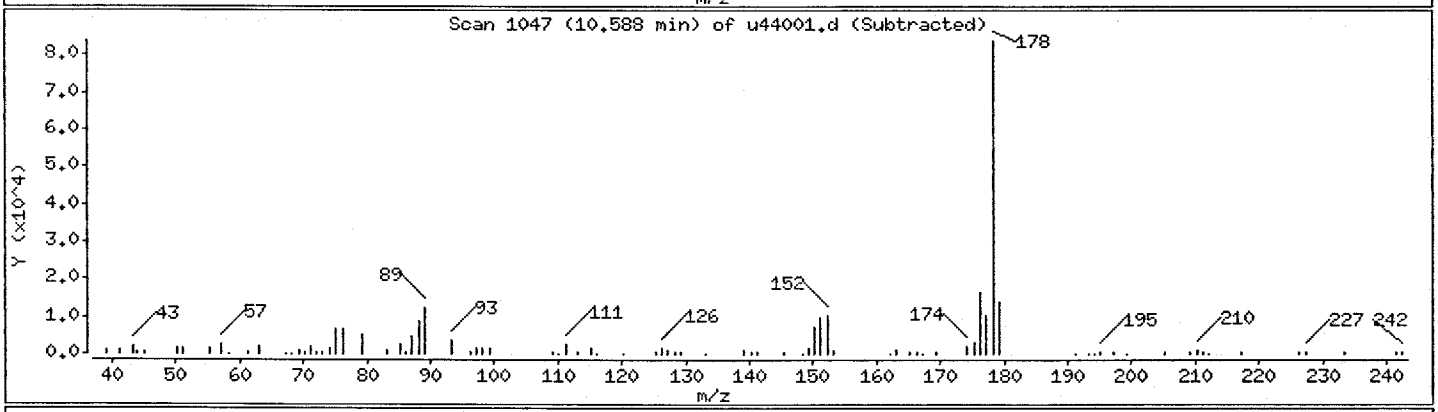
Sample Info: 908708;4225908

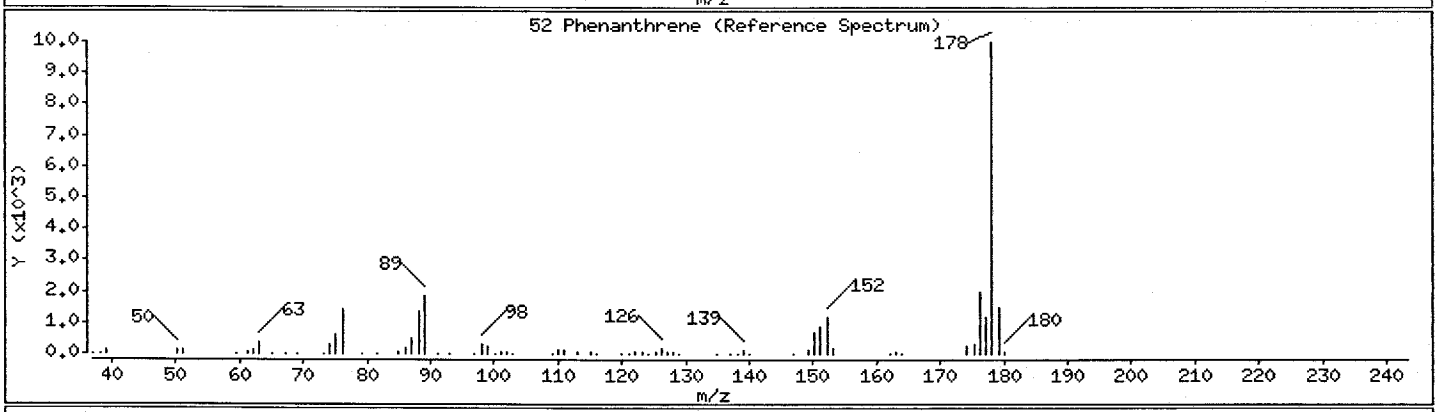
Operator: BNAMS 4

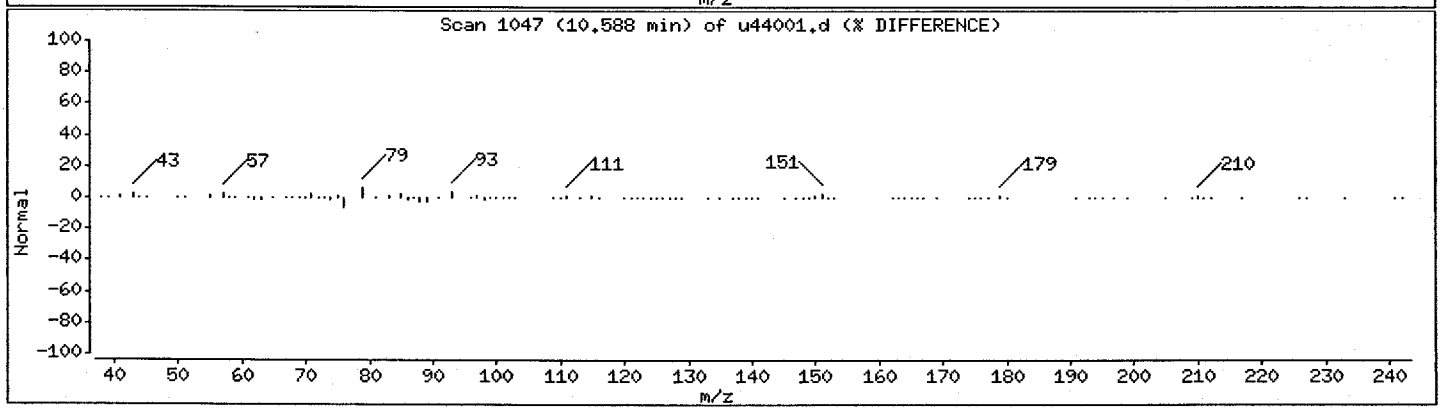
Column phase: DB-5 Column diameter: 0.25

52 Phenanthrene Concentration: 1200 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

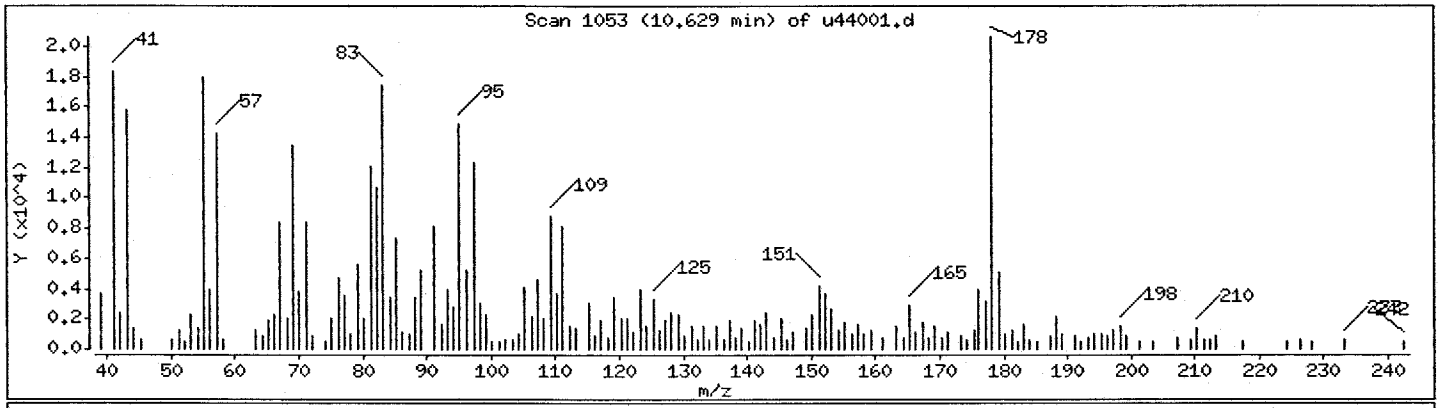
Client ID: 032608-1550 Instrument: BNAMS4.i

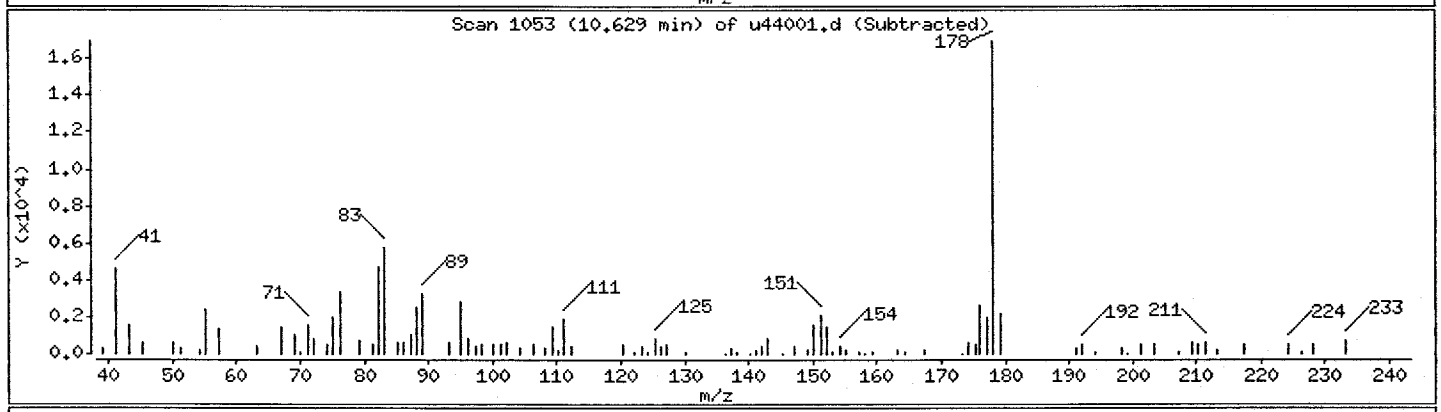
Sample Info: 908708;4225908

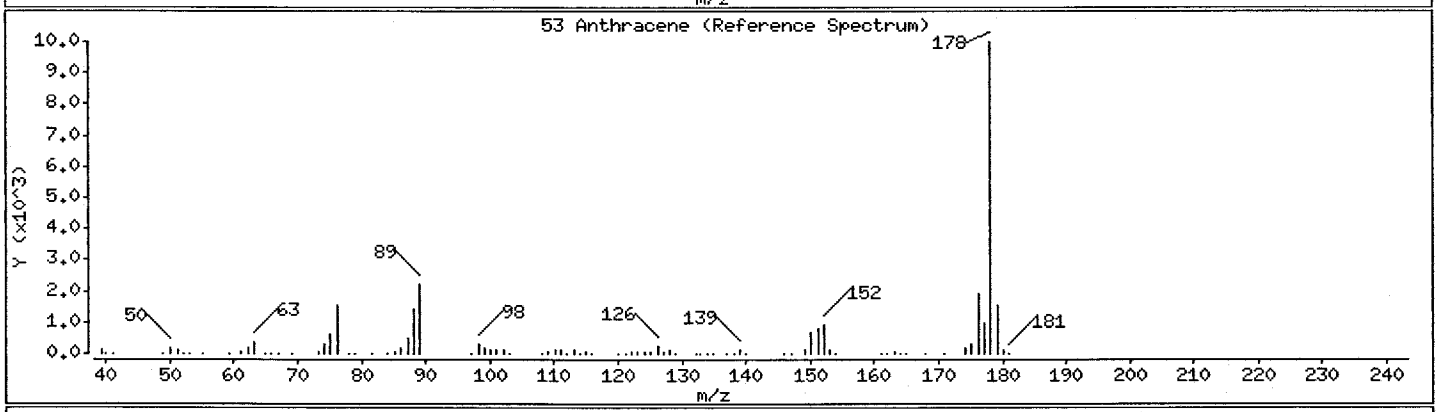
Operator: BNAMS 4

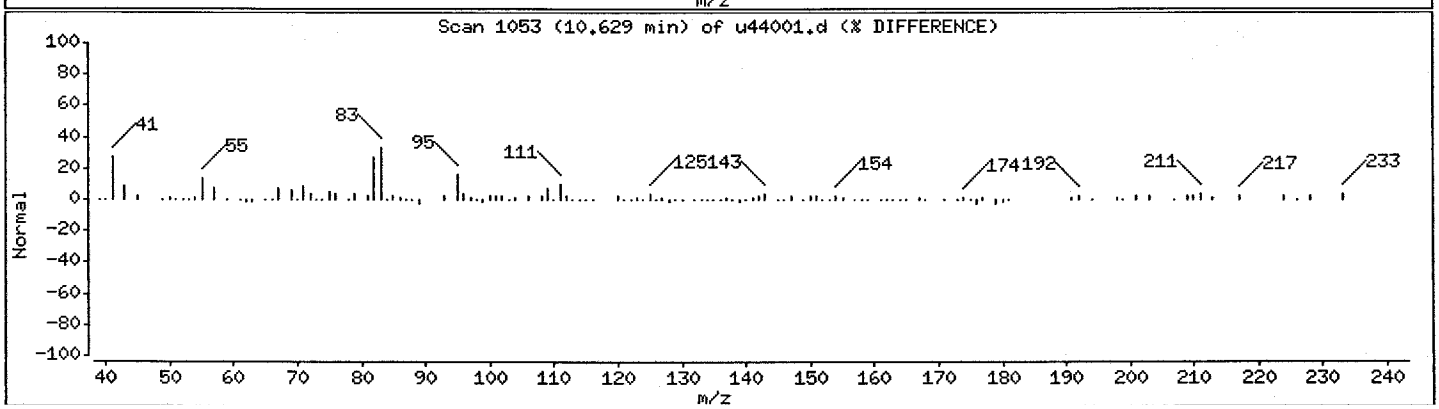
Column phase: DB-5 Column diameter: 0.25

53 Anthracene Concentration: 290 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

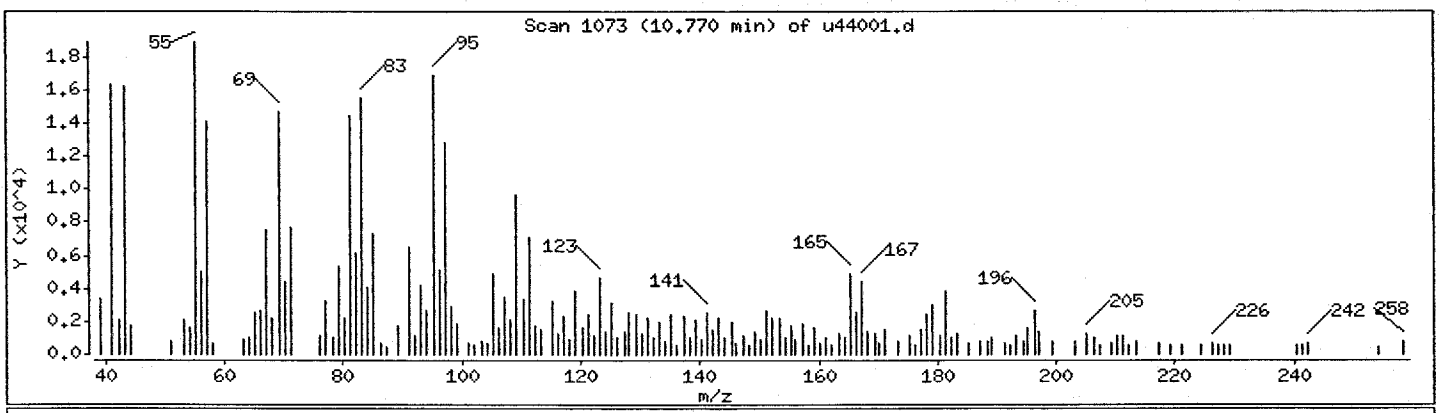
Client ID: 032608-1550 Instrument: BNAMS4.i

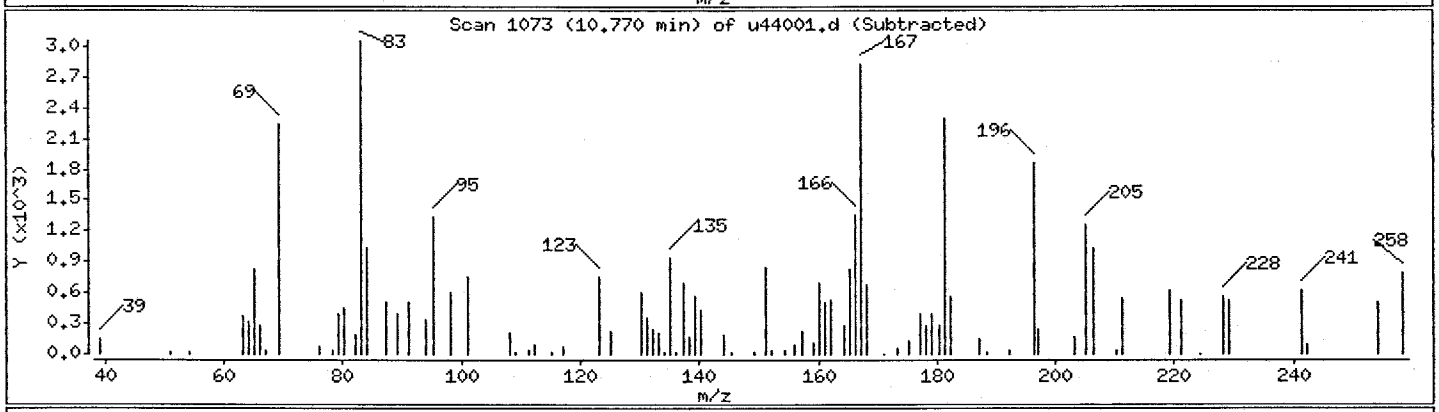
Sample Info: 908708;4225908

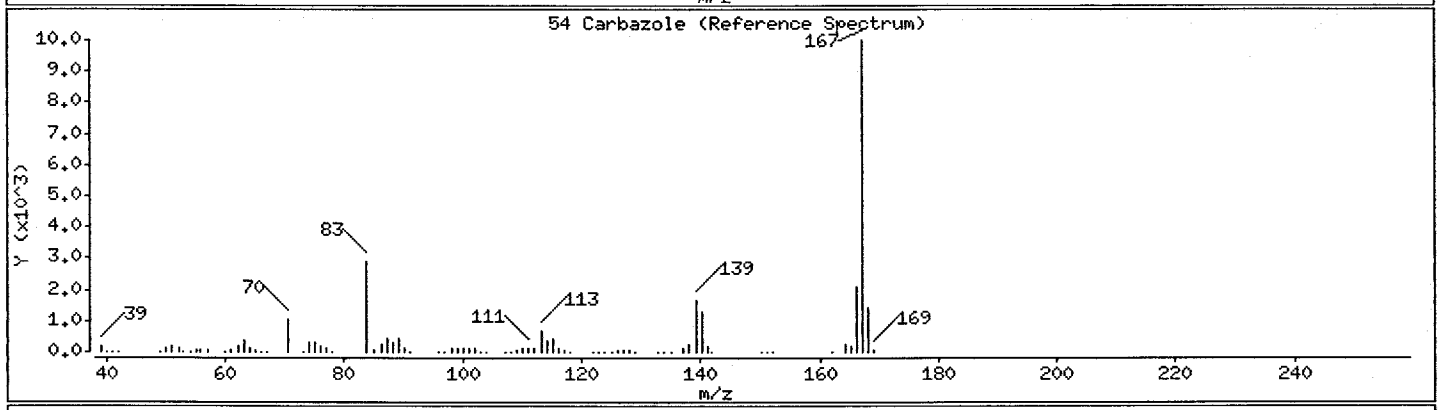
Operator: BNAMS 4

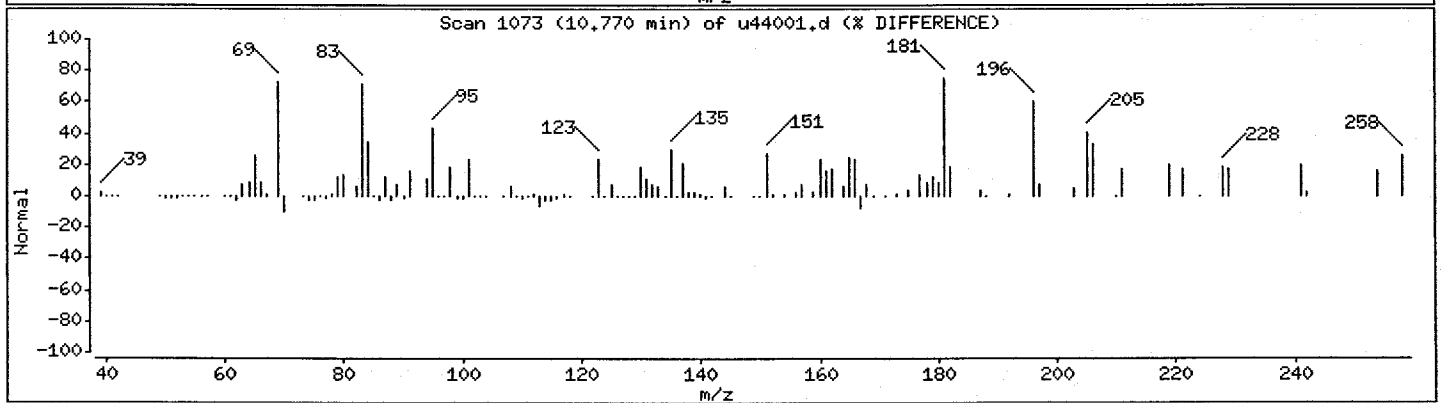
Column phase: DB-5 Column diameter: 0.25

54 Carbazole Concentration: 60 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

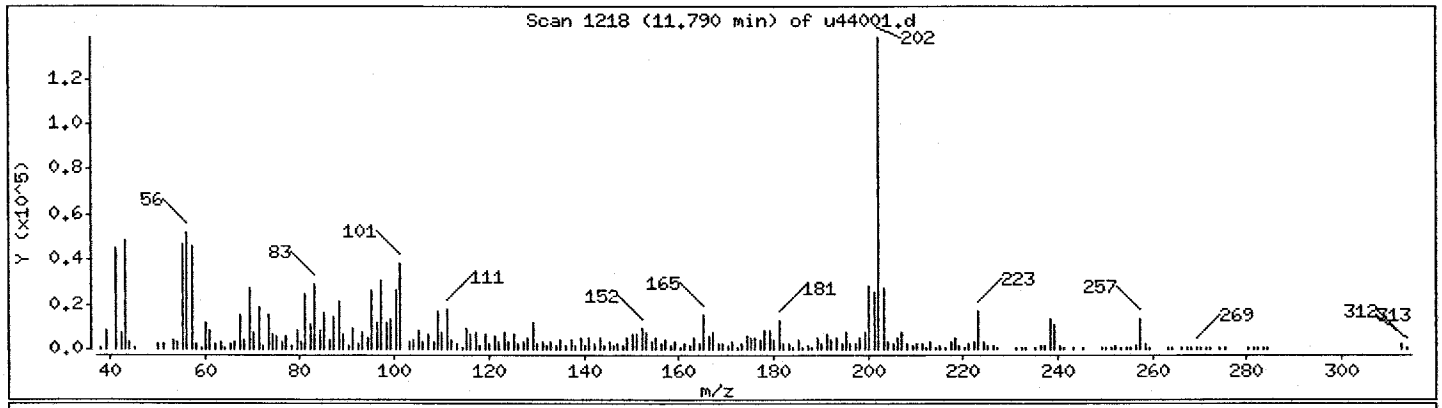
Client ID: 032608-1550 Instrument: BNAMS4.i

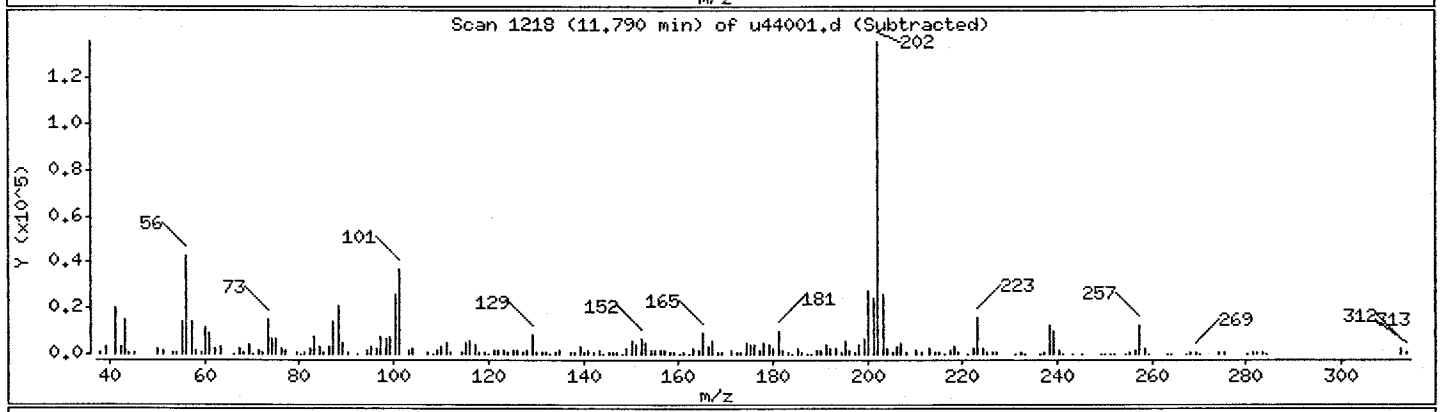
Sample Info: 908708;4225908

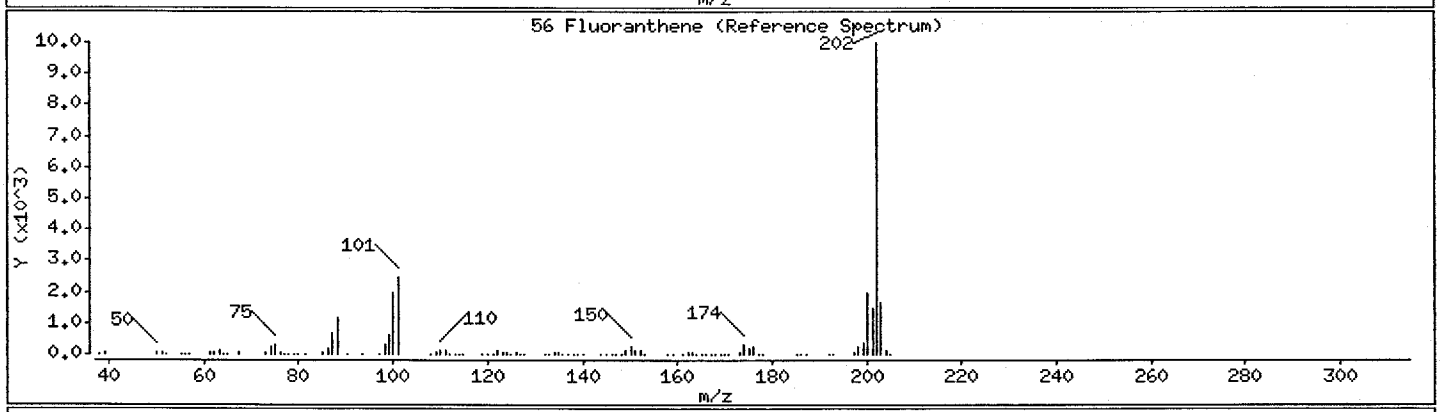
Operator: BNAMS 4

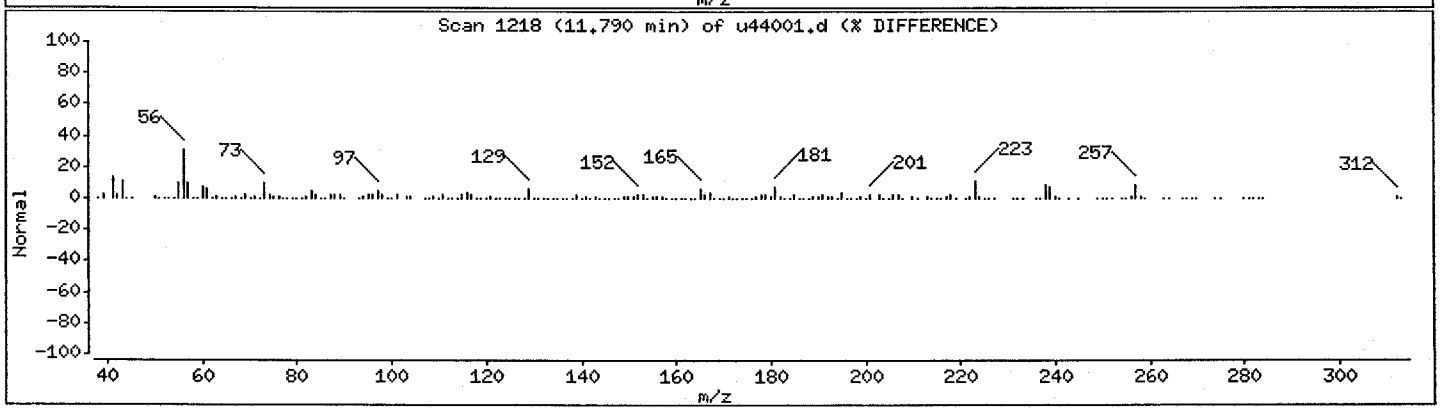
Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 1700 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

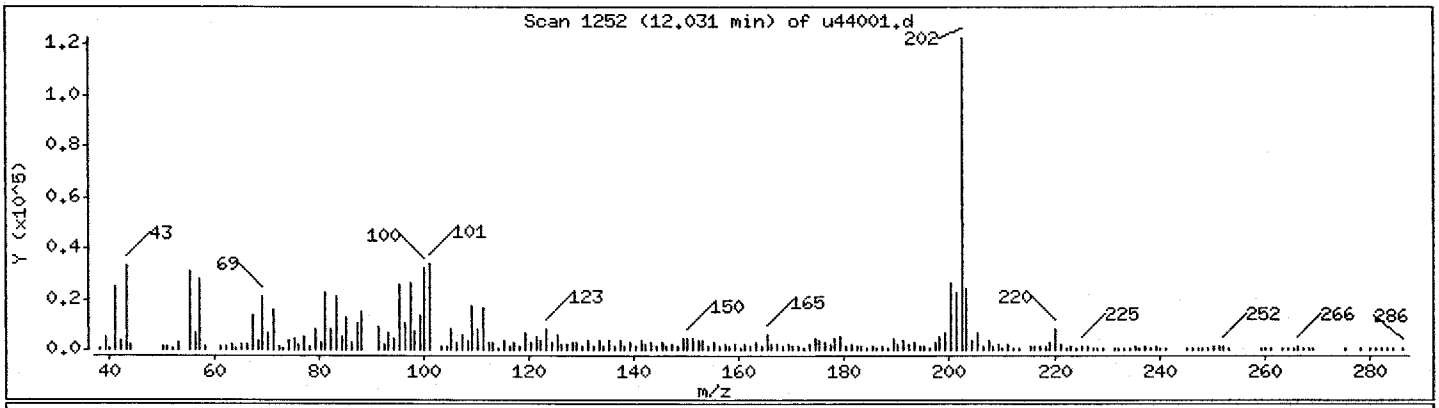
Client ID: 032608-1550 Instrument: BNAMS4.i

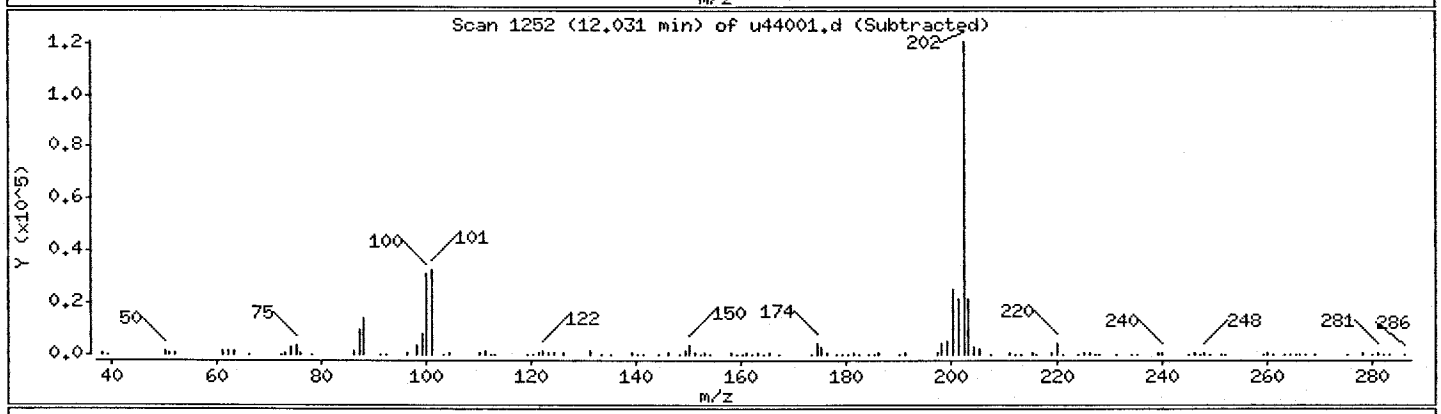
Sample Info: 908708;4225908

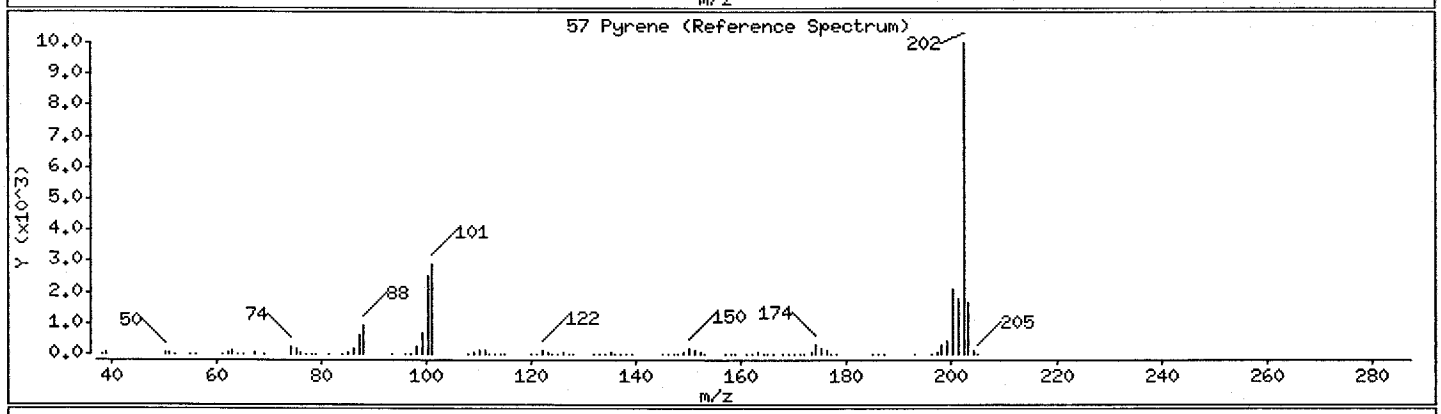
Operator: BNAMS 4

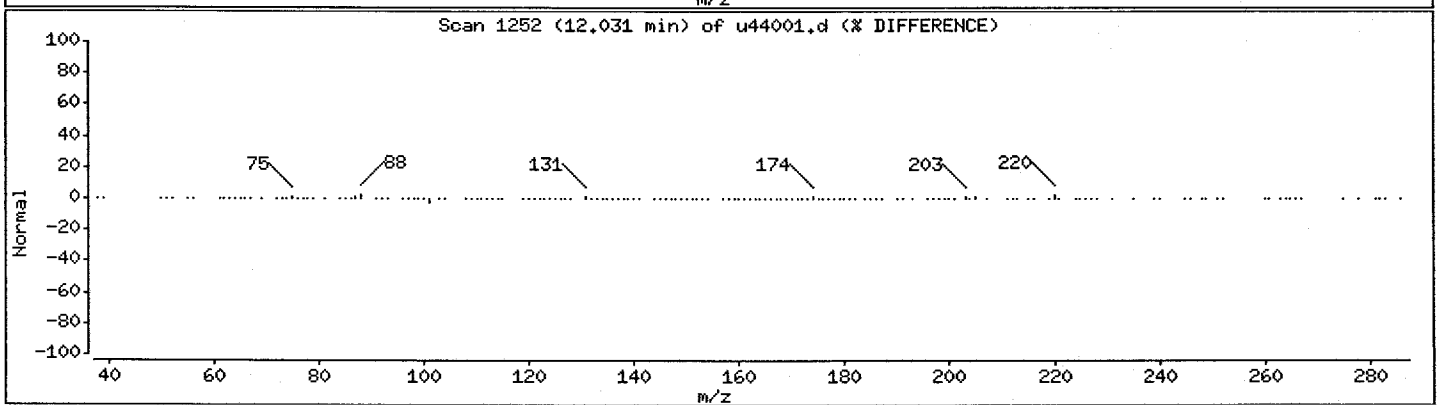
Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 2200 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

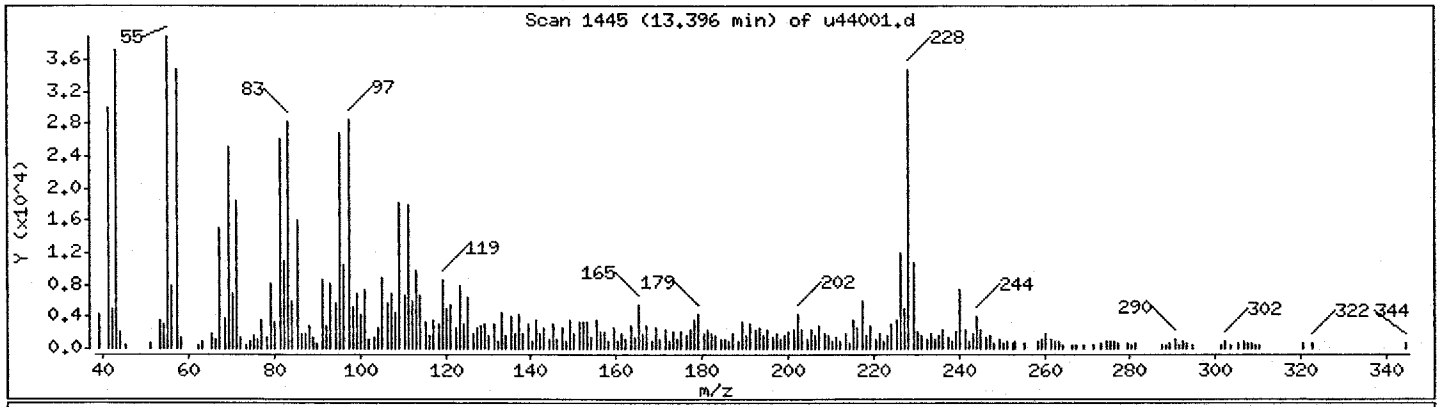
Client ID: 032608-1550 Instrument: BNAMS4.i

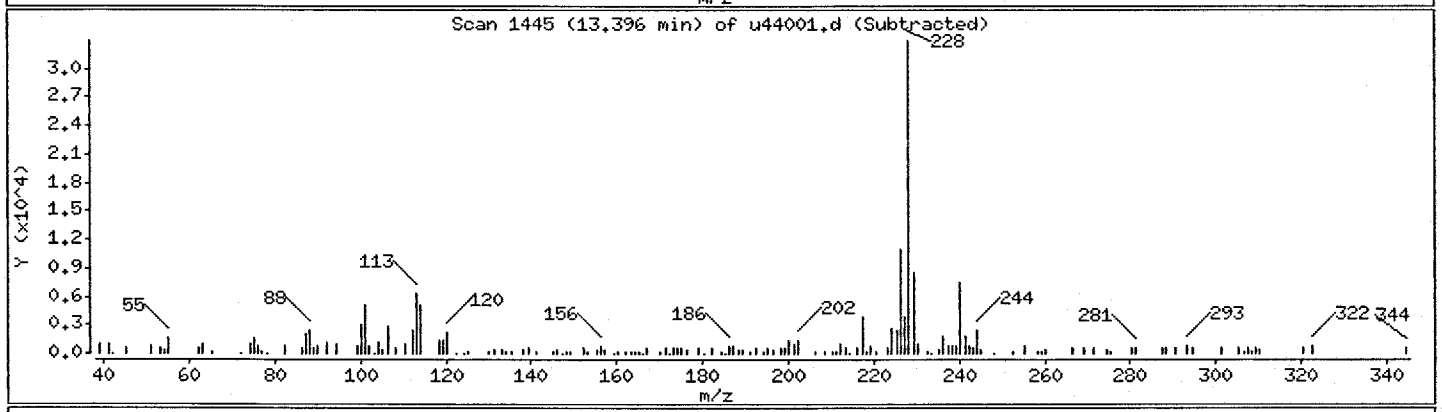
Sample Info: 908708;4225908

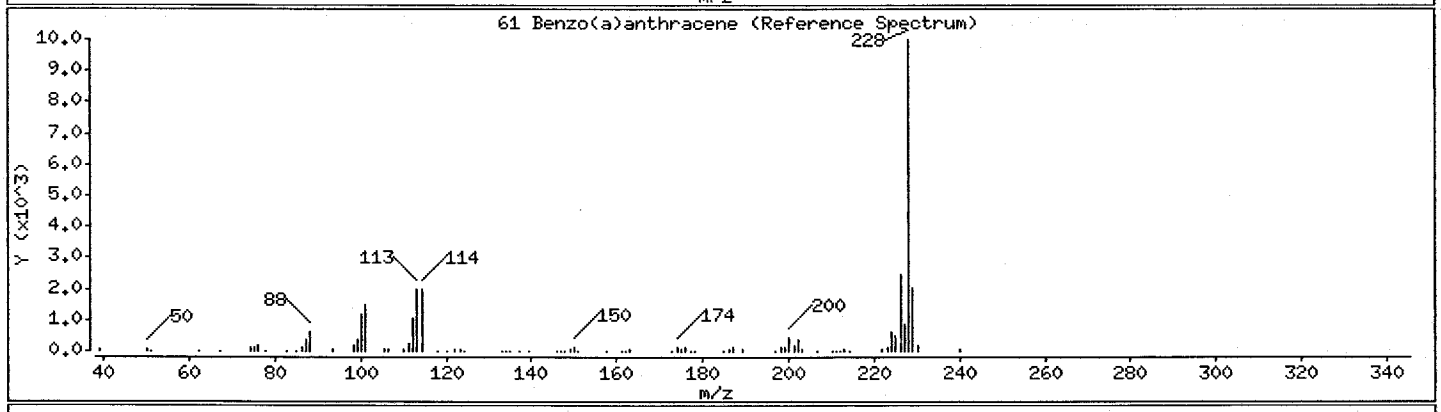
Operator: BNAMS 4

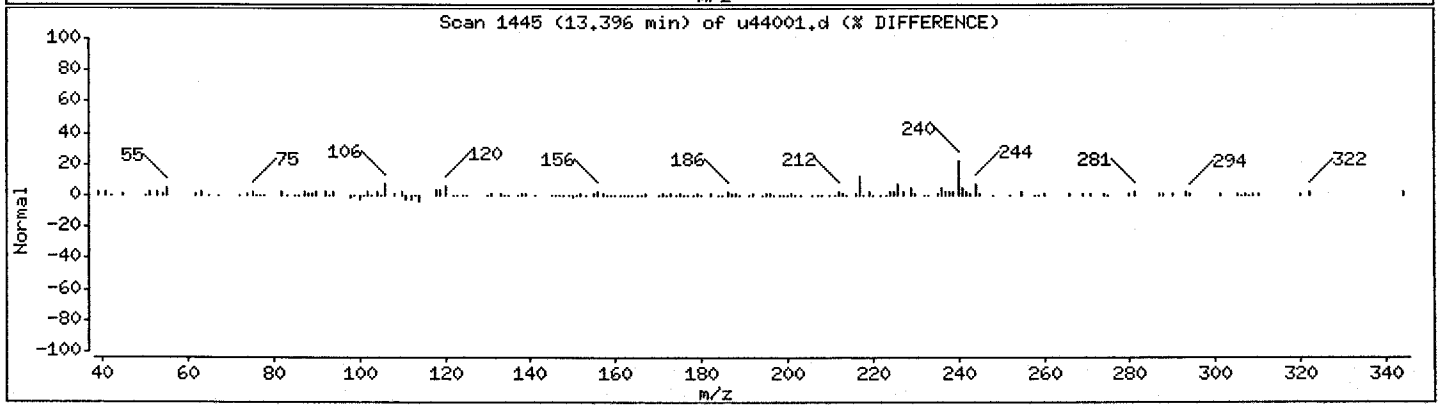
Column phase: DB-5 Column diameter: 0.25

61 Benzo(a)anthracene Concentration: 890 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

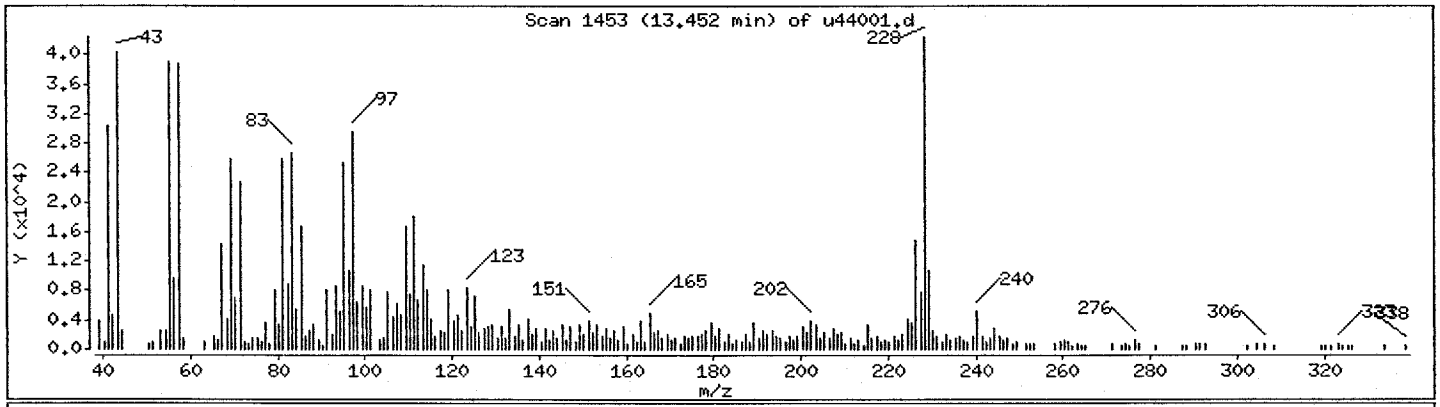
Client ID: 032608-1550 Instrument: BNAMS4.i

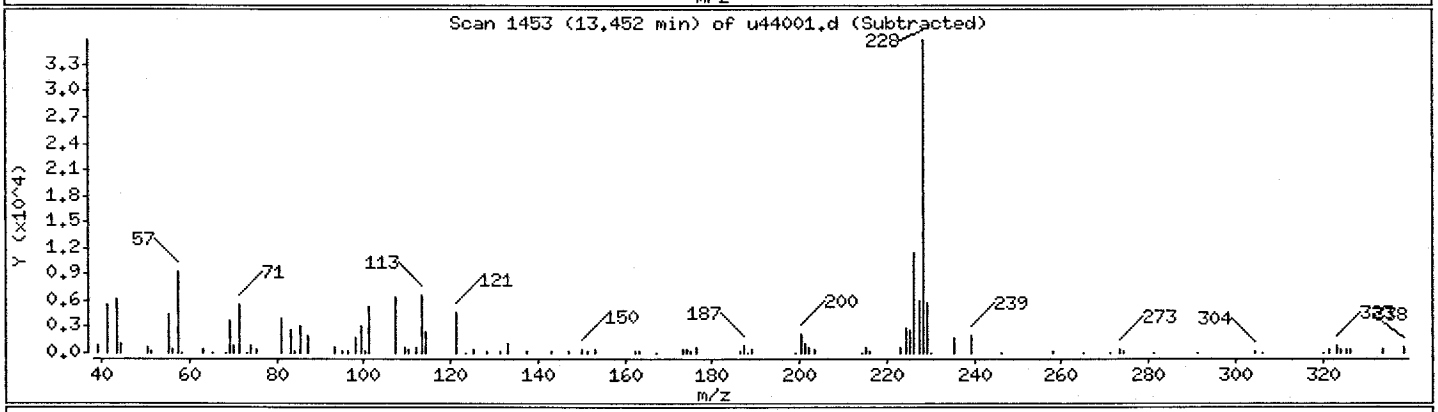
Sample Info: 908708;4225908

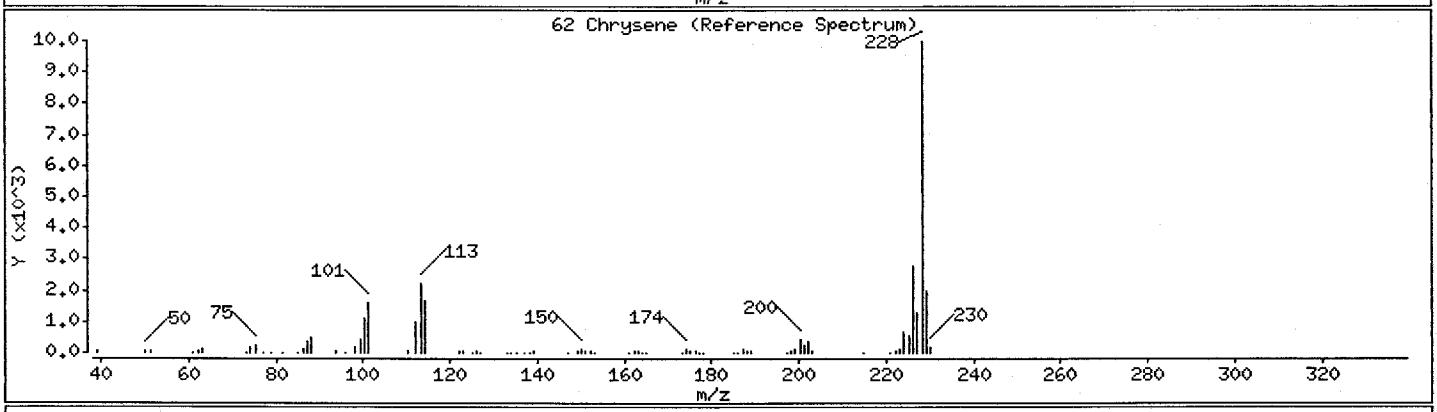
Operator: BNAMS 4

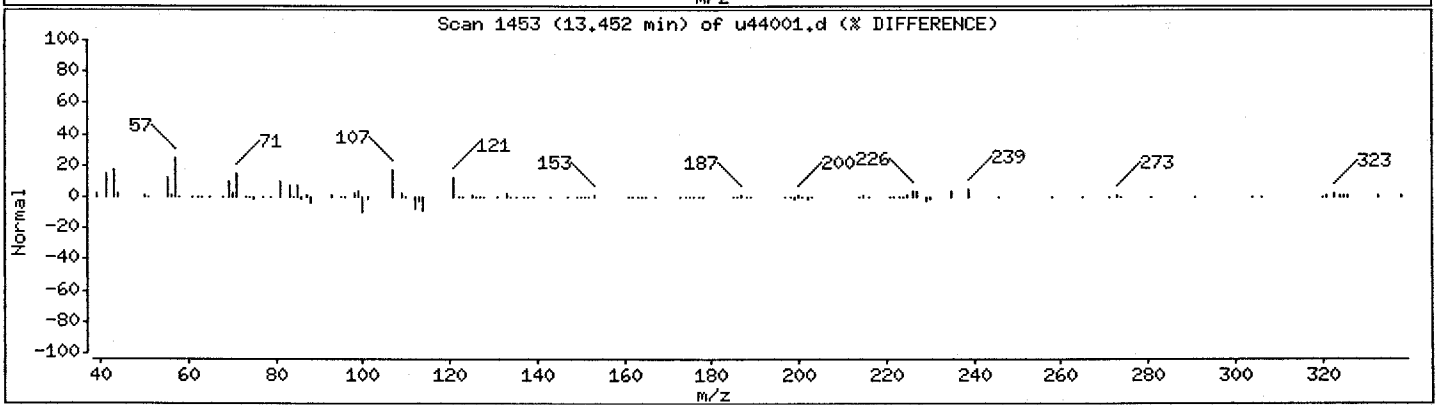
Column phase: DB-5 Column diameter: 0.25

62 Chrysene Concentration: 1000 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

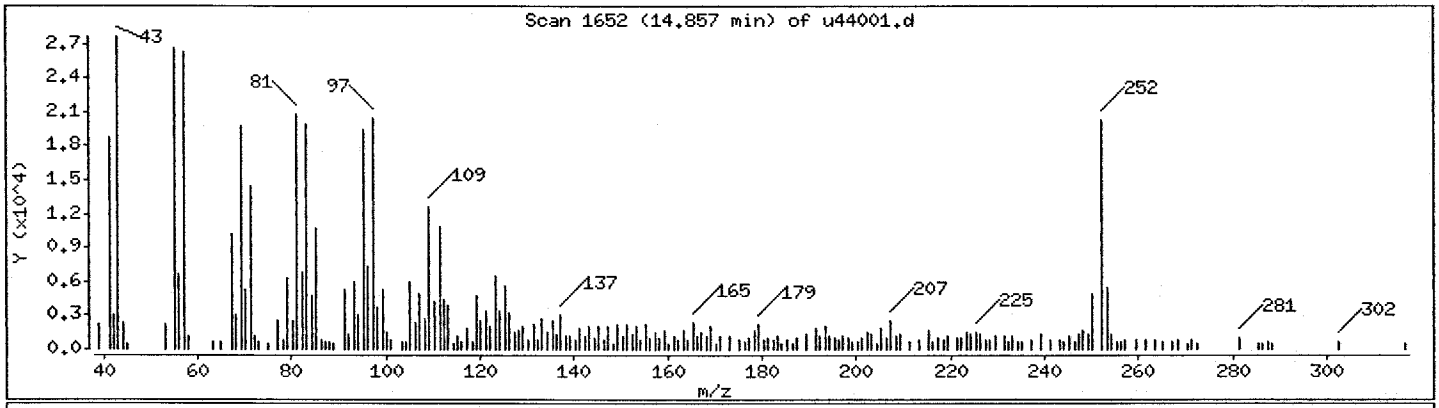
Client ID: 032608-1550 Instrument: BNAMS4.i

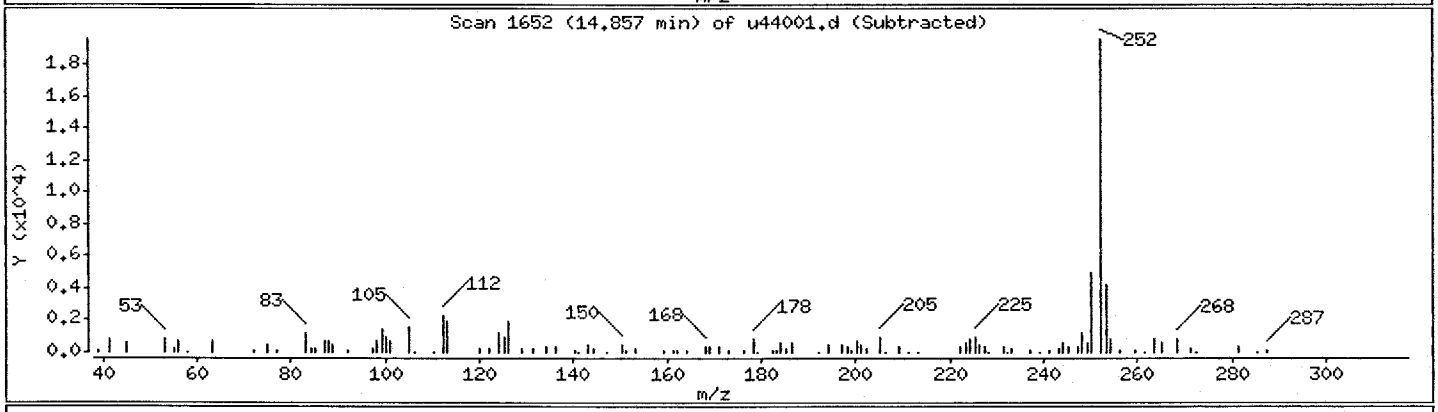
Sample Info: 908708;4225908

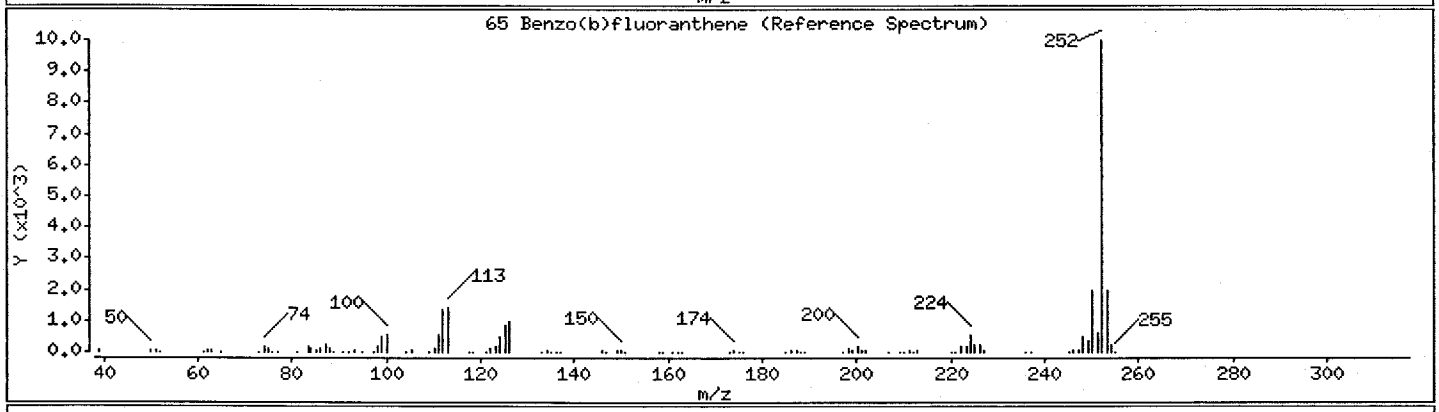
Operator: BNAMS 4

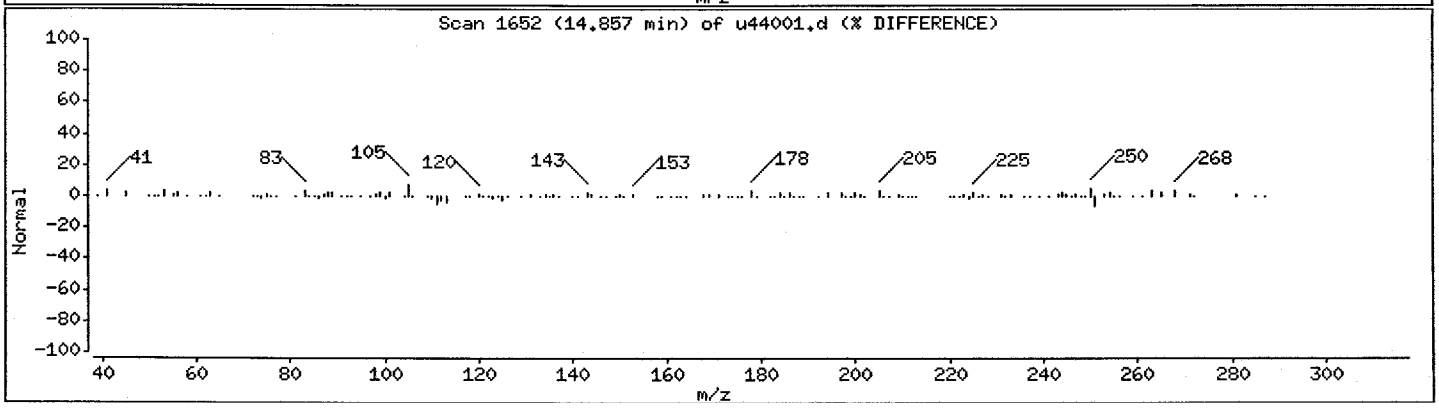
Column phase: DB-5 Column diameter: 0.25

65 Benzo(b)fluoranthene Concentration: 650 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

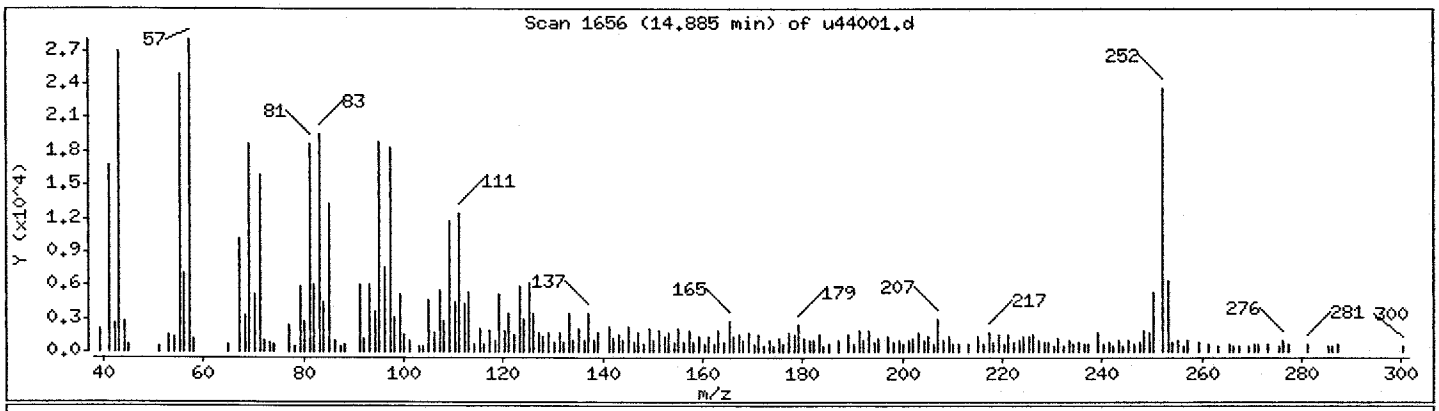
Client ID: 032608-1550 Instrument: BNAMS4.i

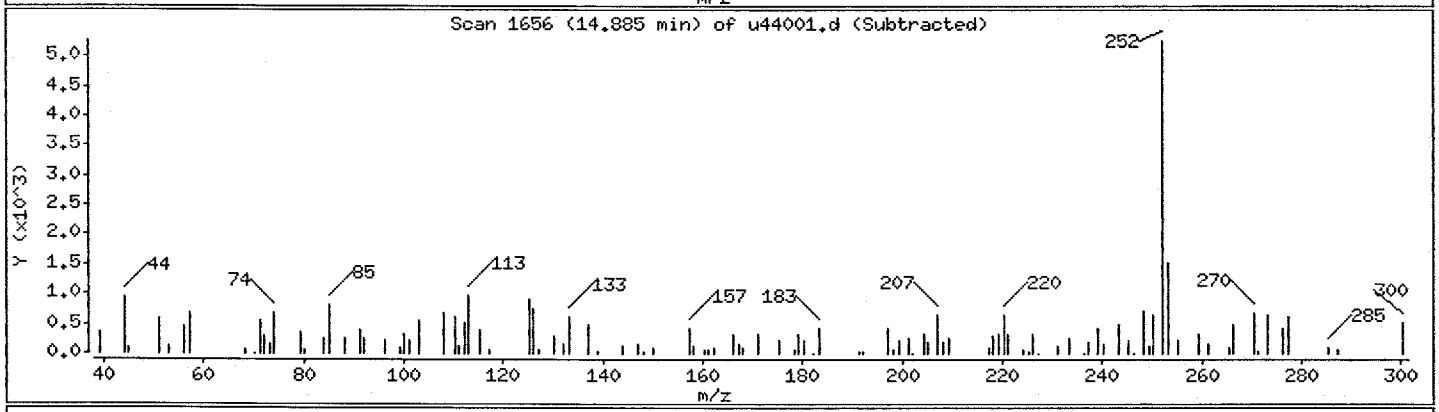
Sample Info: 908708;4225908

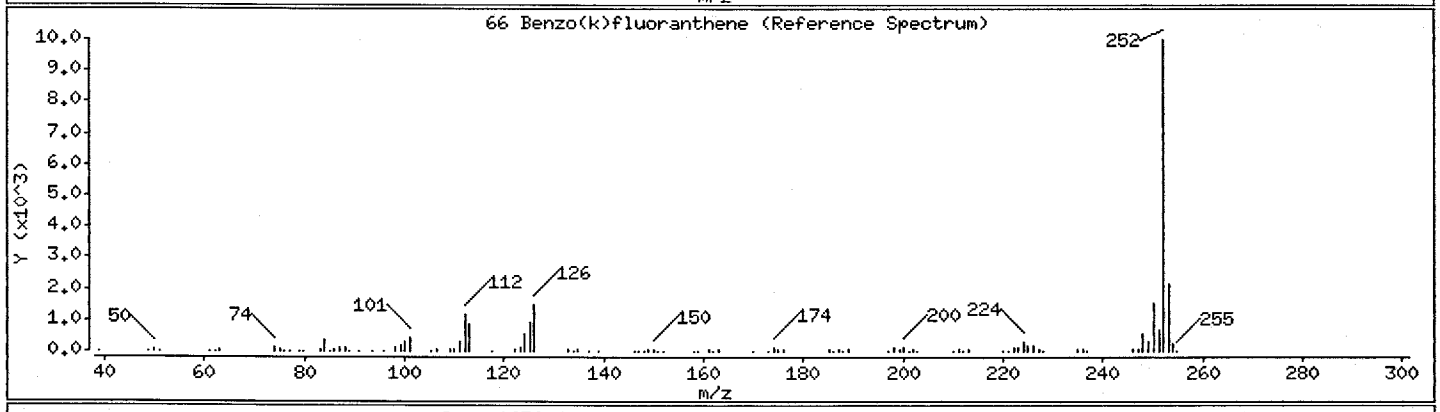
Operator: BNAMS 4

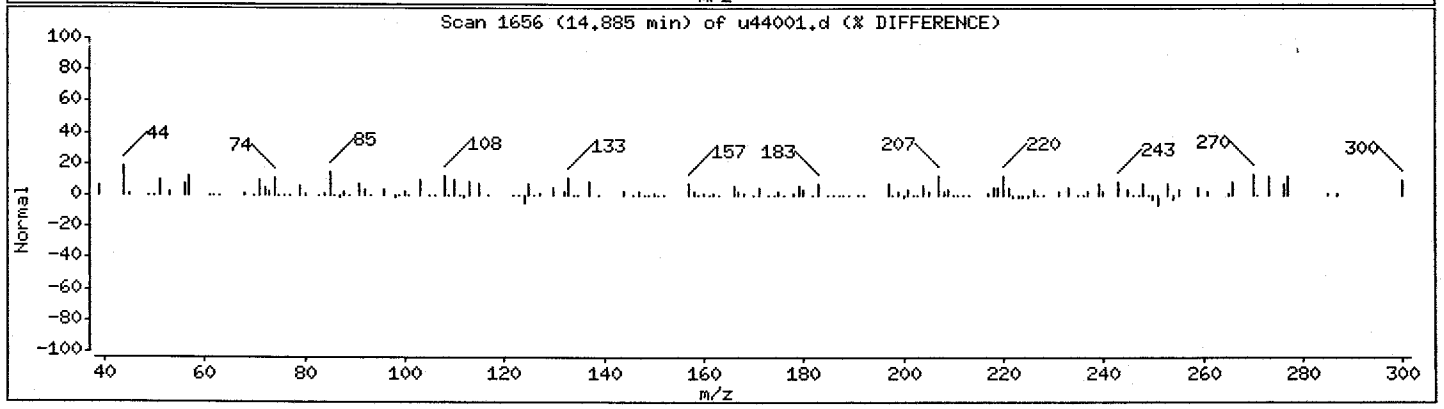
Column phase: DB-5 Column diameter: 0.25

66 Benzo(k)fluoranthene Concentration: 920 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

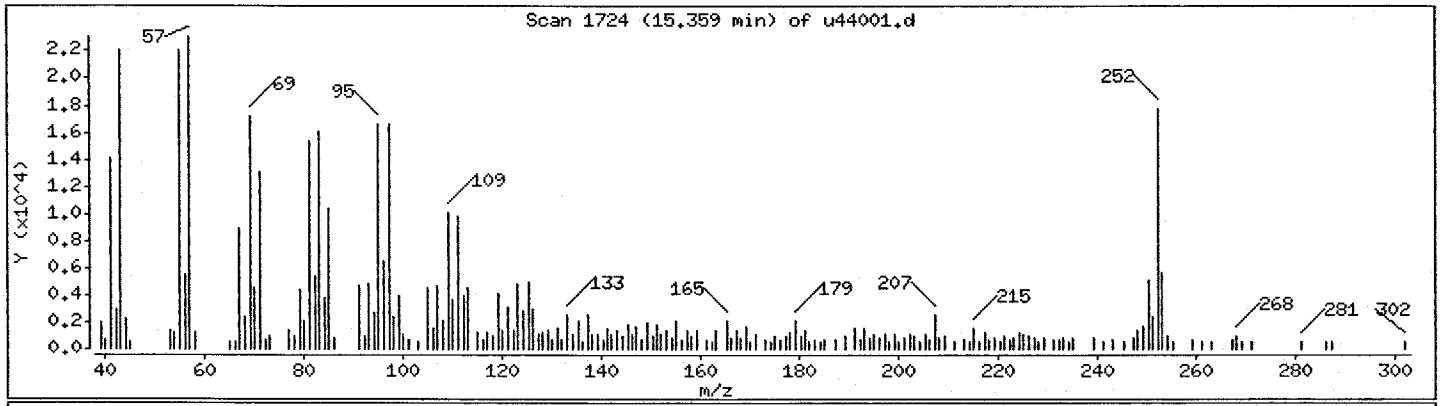
Client ID: 032608-1550 Instrument: BNAMS4.i

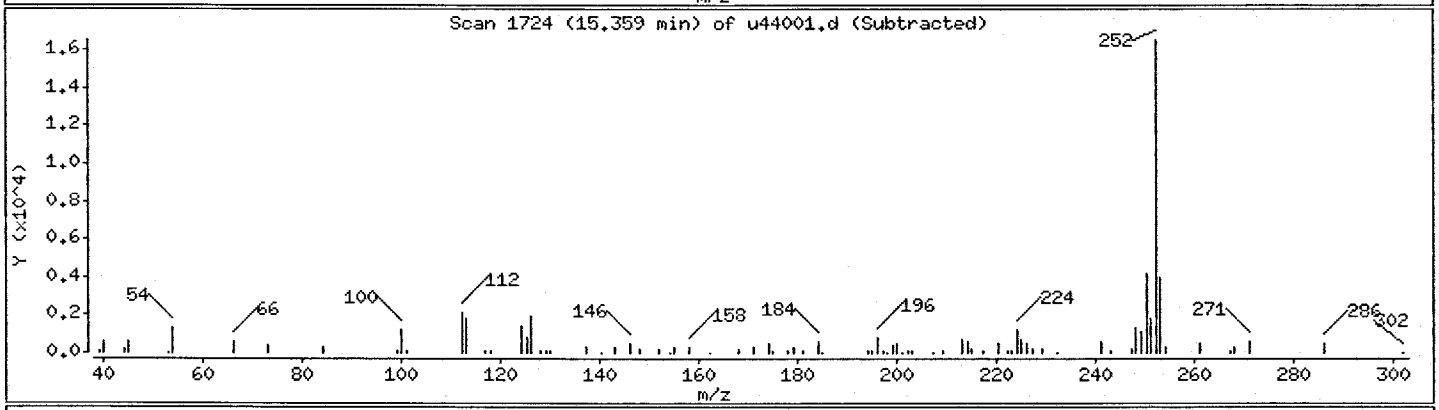
Sample Info: 908708;4225908

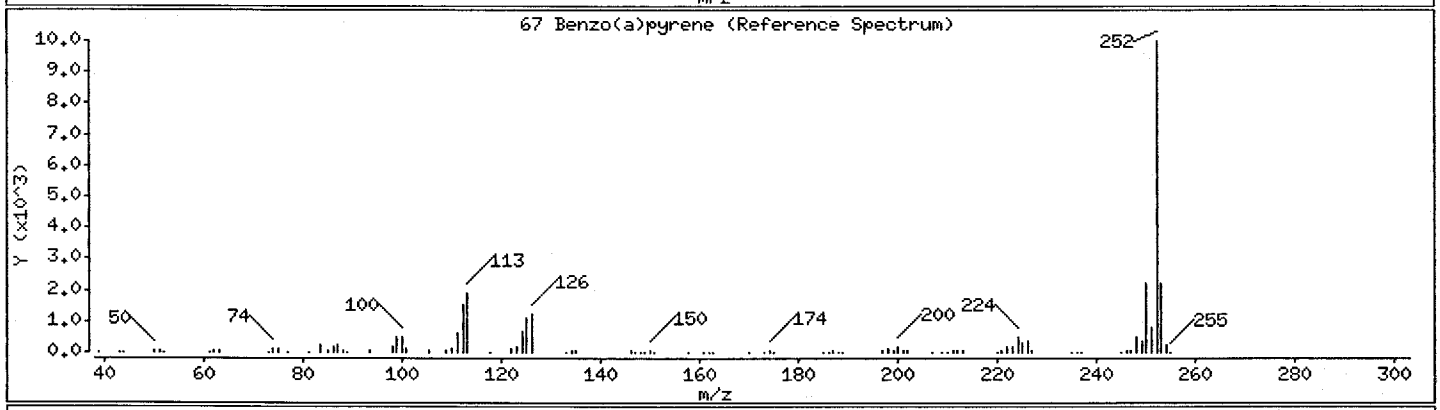
Operator: BNAMS 4

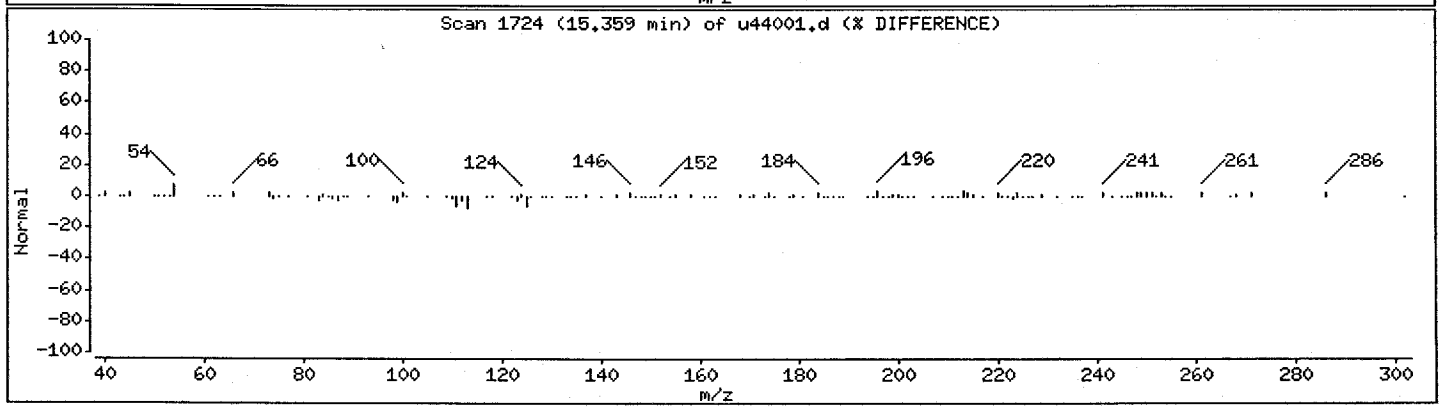
Column phase: DB-5 Column diameter: 0.25

67 Benzo(a)pyrene Concentration: 800 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

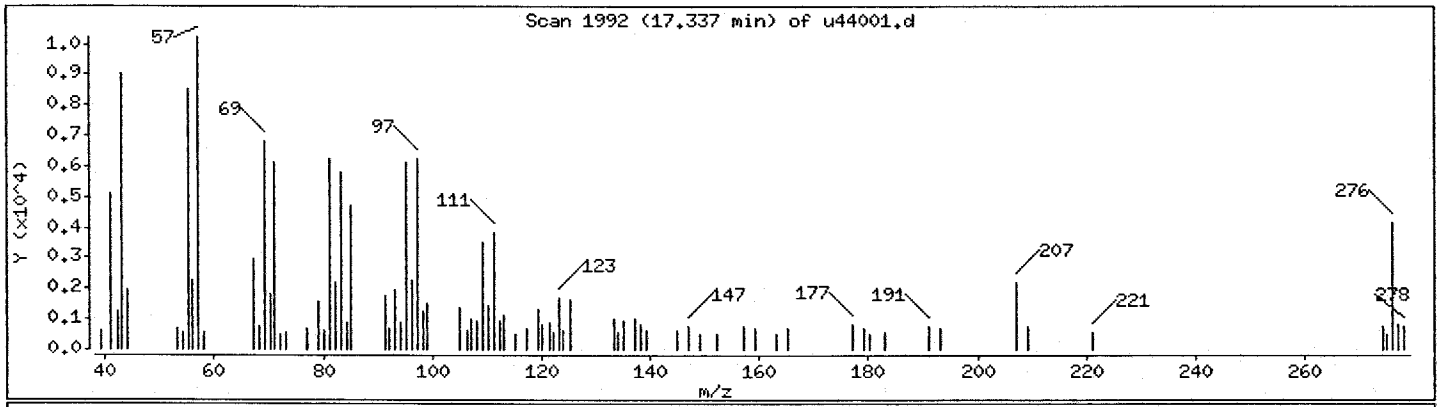
Client ID: 032608-1550 Instrument: BNAMS4.i

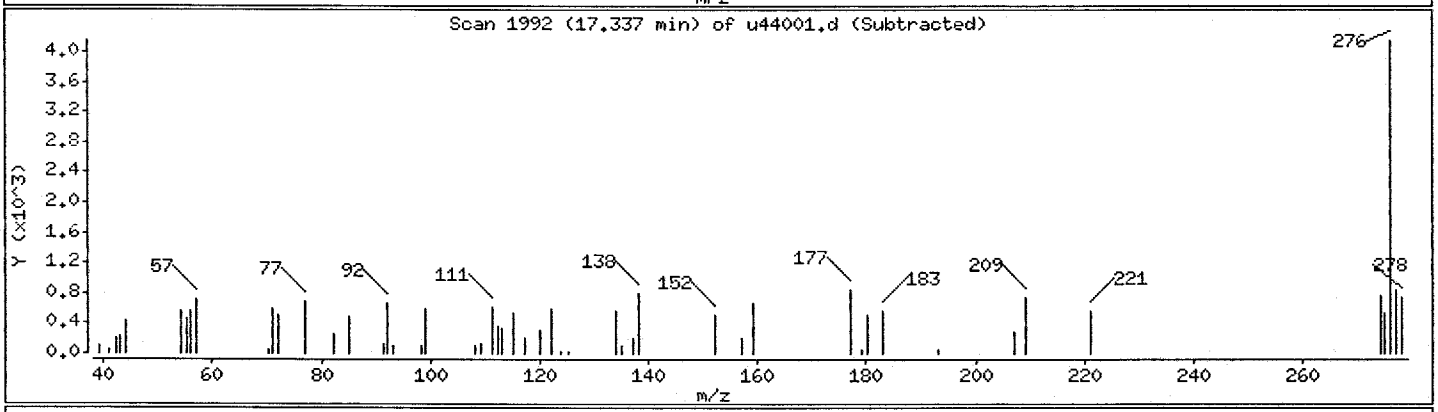
Sample Info: 908708;4225908

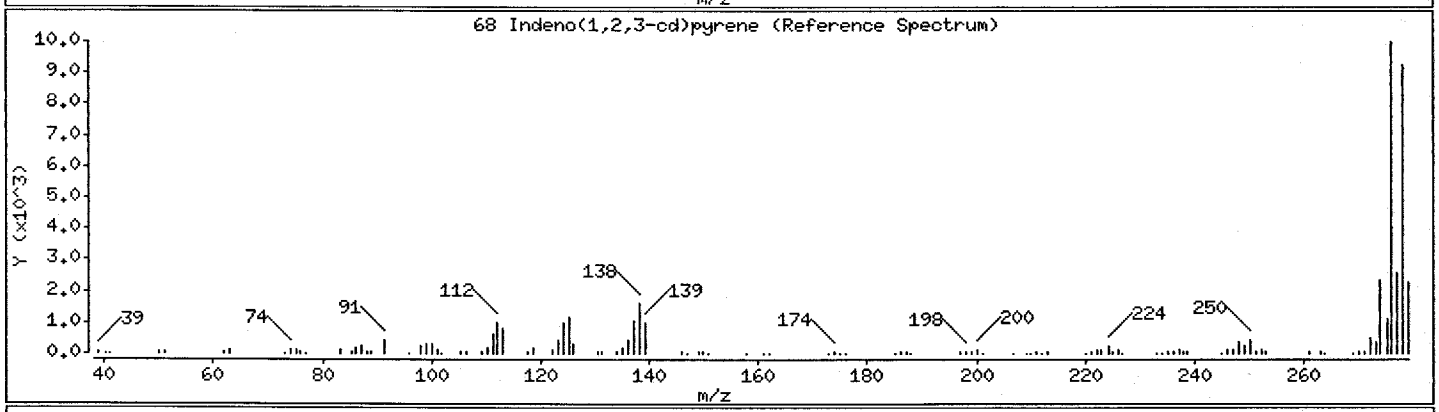
Operator: BNAMS 4

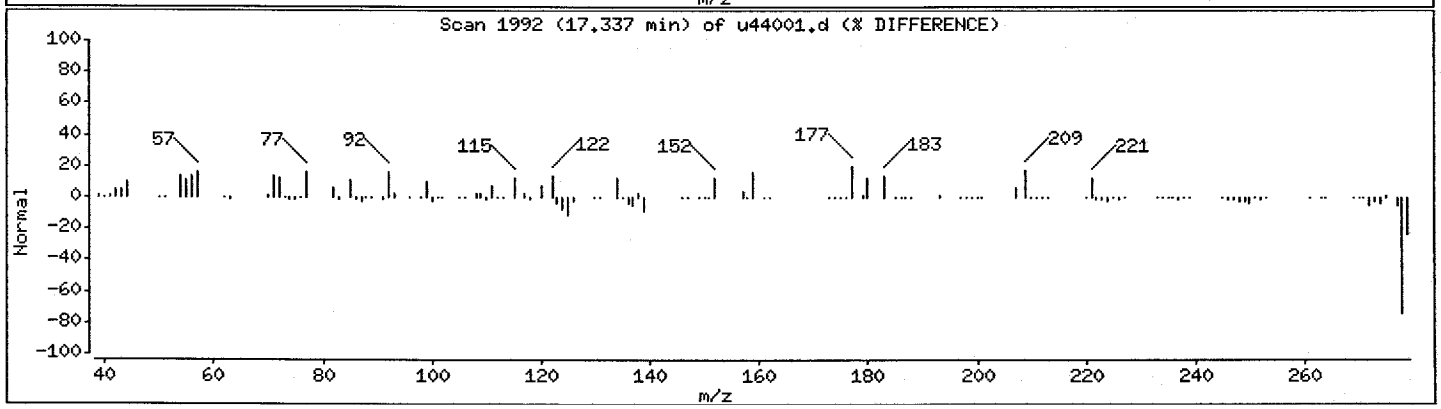
Column phase: DB-5 Column diameter: 0.25

68 Indeno(1,2,3-cd)pyrene Concentration: 260 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

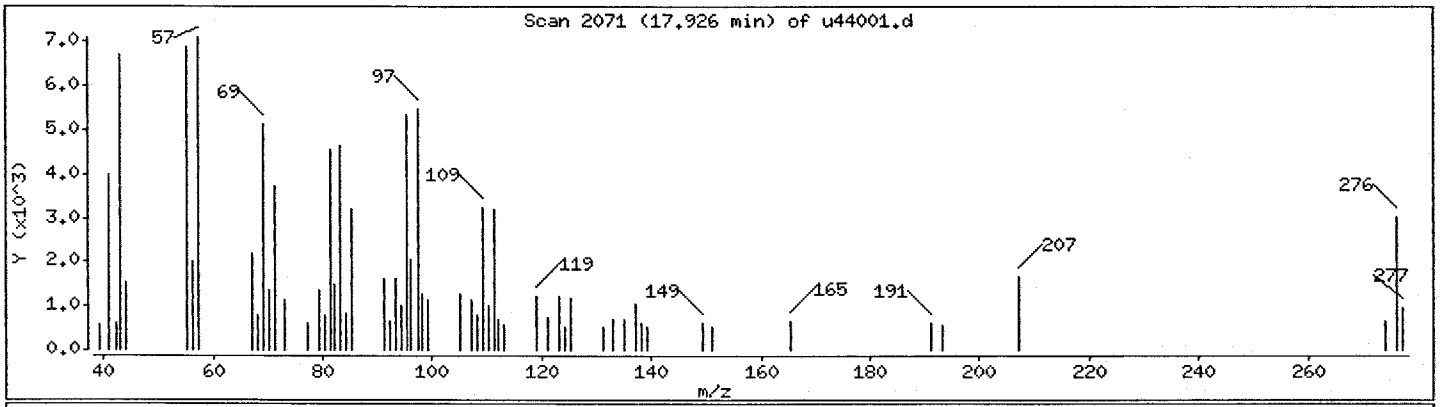
Client ID: 032608-1550 Instrument: BNAMS4.i

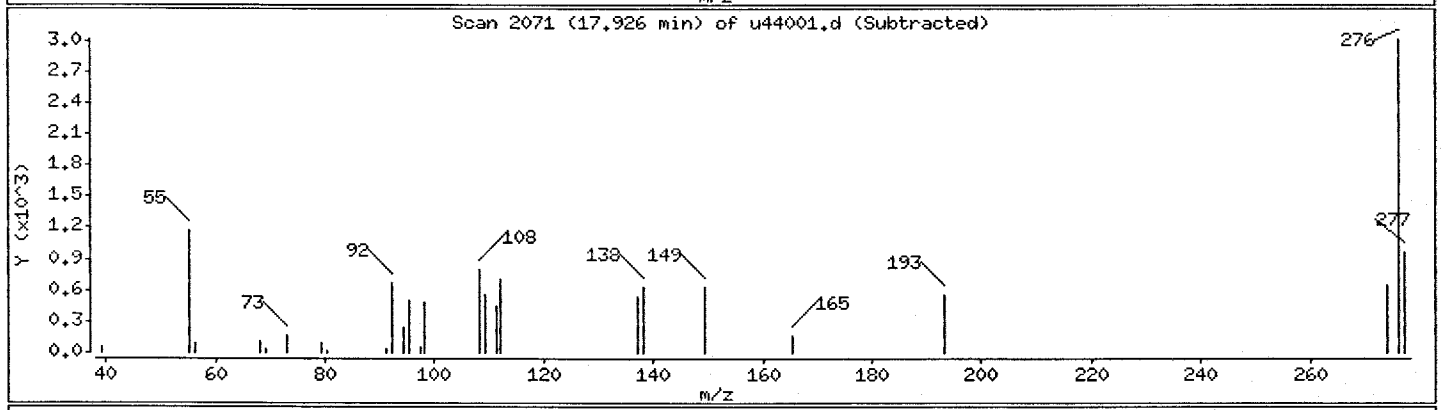
Sample Info: 908708;4225908

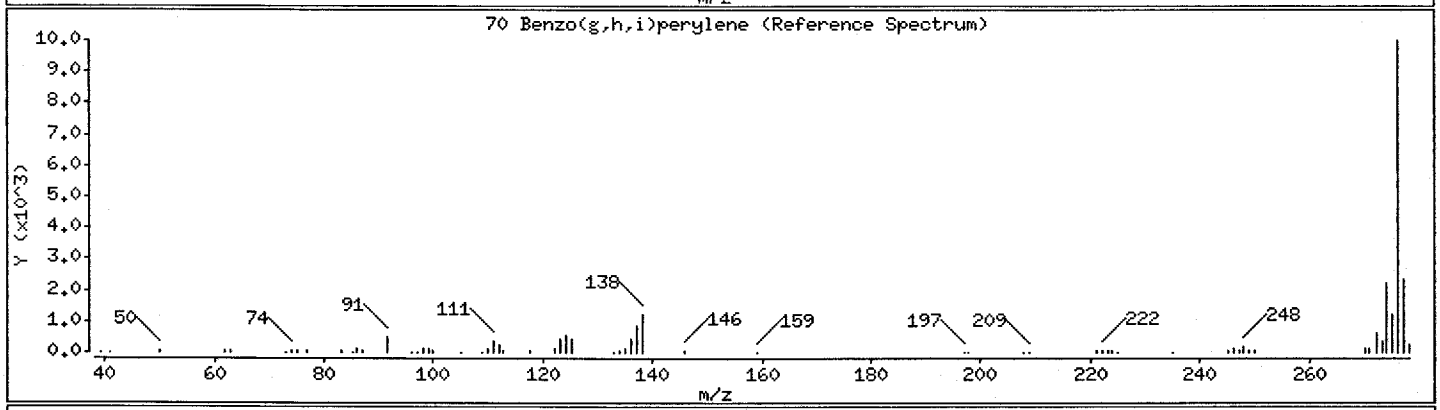
Operator: BNAMS 4

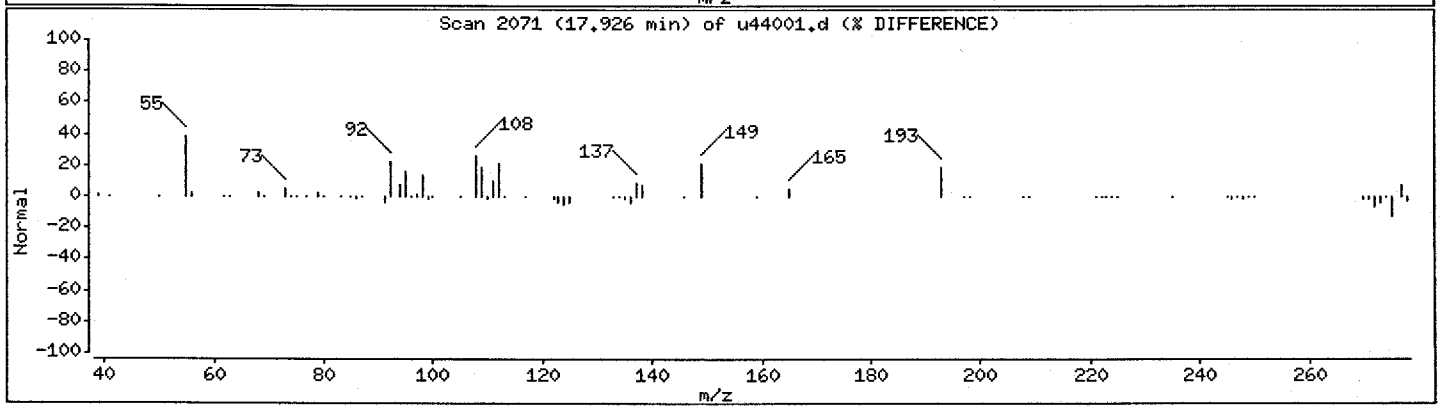
Column phase: DB-5 Column diameter: 0.25

70 Benzo(g,h,i)perylene Concentration: 220 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

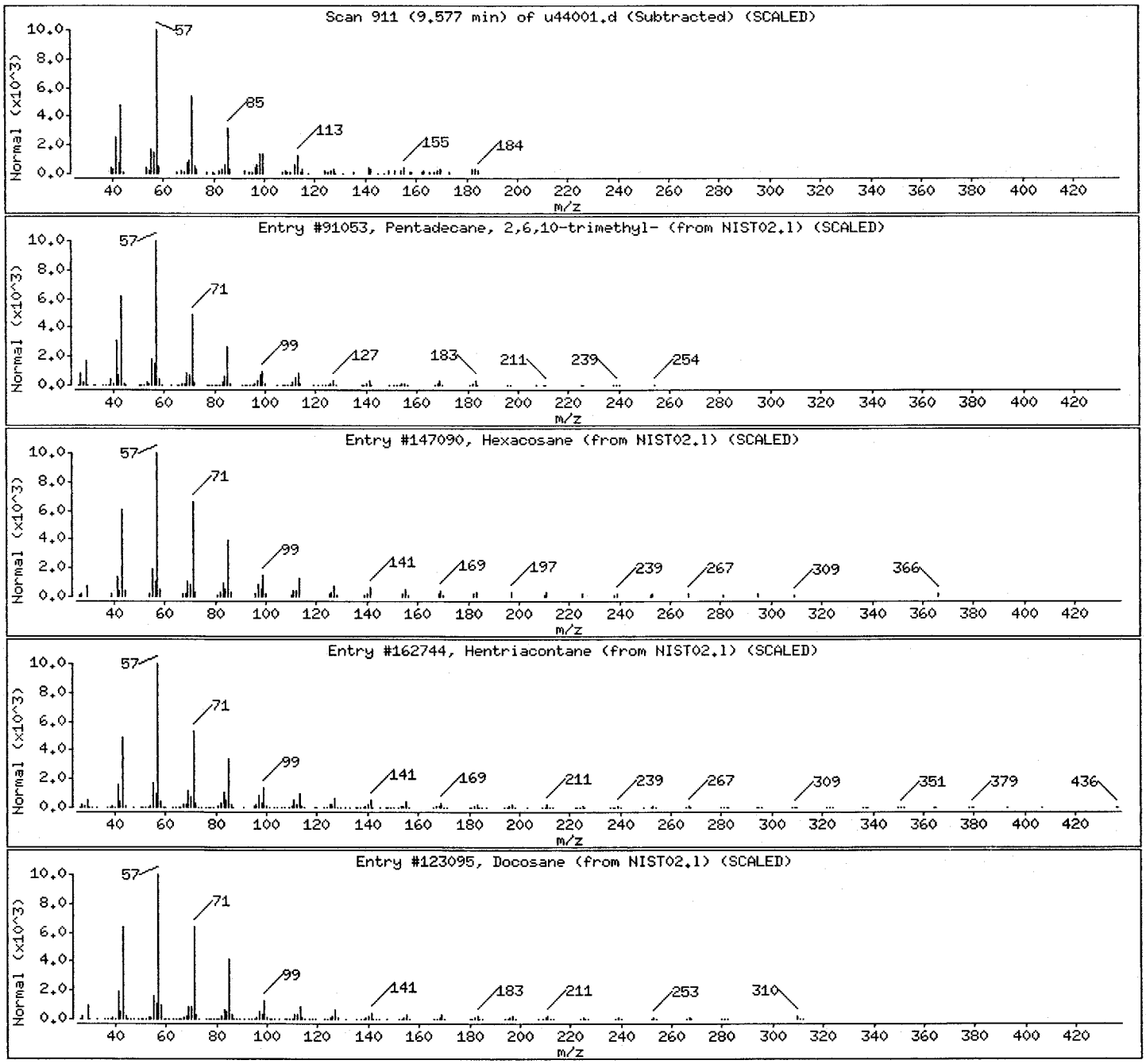
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	90	C18H38	254
Hexacosane	630-01-3	NIST02.l	147090	86	C26H54	366
Hentriacontane	630-04-6	NIST02.l	162744	78	C31H64	437
Docosane	629-97-0	NIST02.l	123095	78	C22H46	310



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

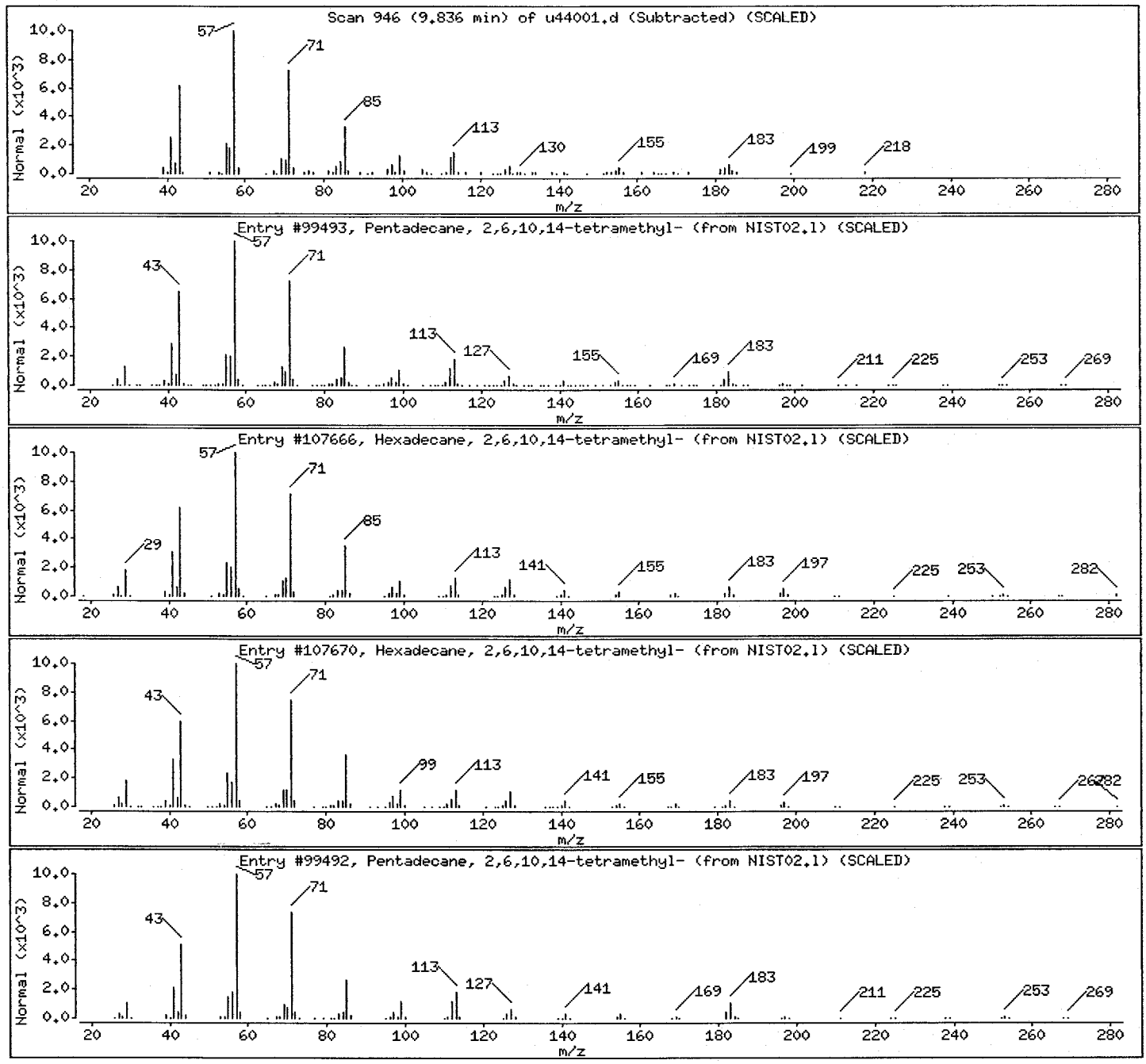
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.l	99493	90	C19H40	268
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	86	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	80	C20H42	282
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.l	99492	80	C19H40	268



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Date : 09-APR-2008 17:12

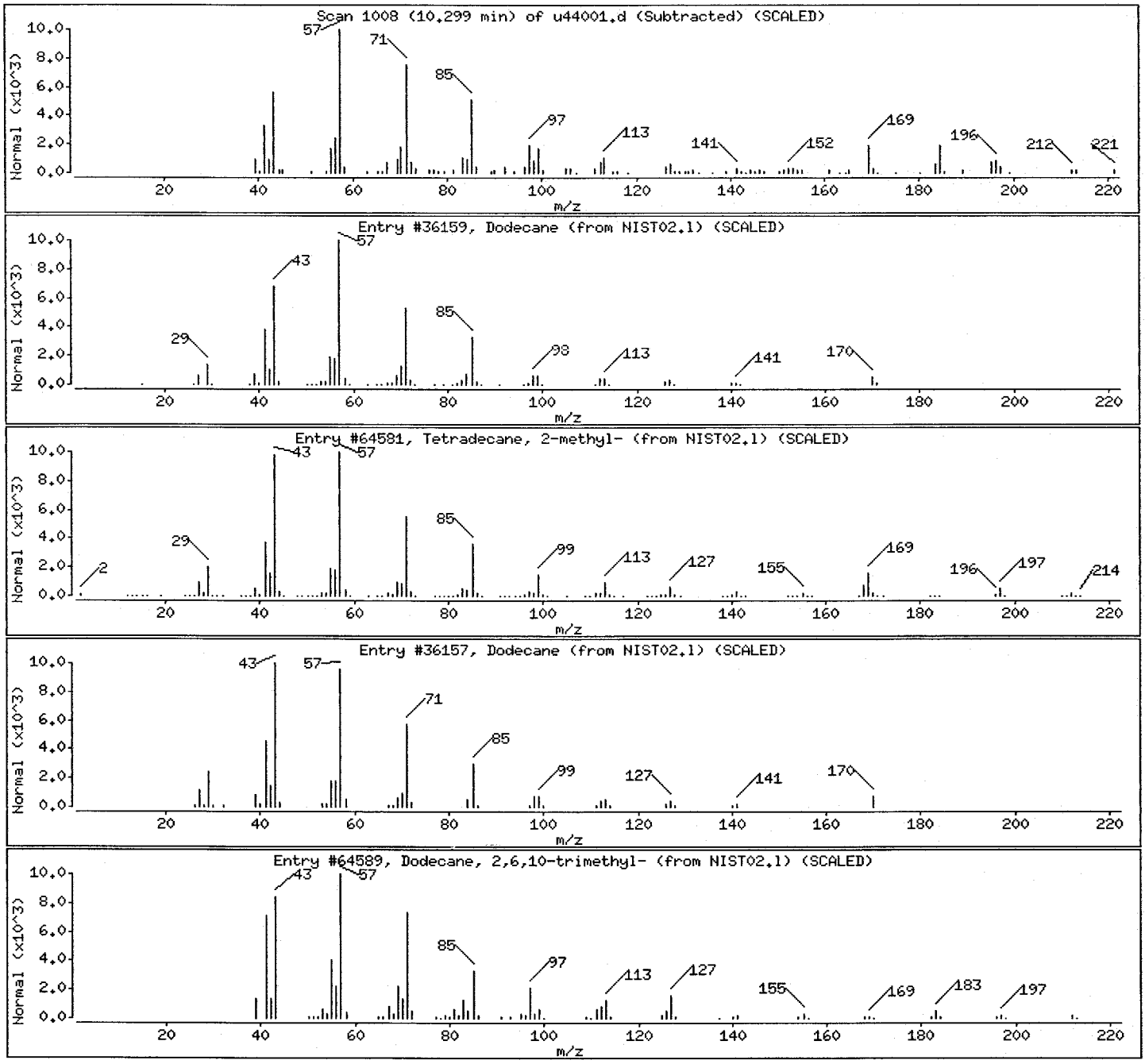
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Dodecane	112-40-3	NIST02.l	36159	93	C12H26	170
Tetradecane, 2-methyl-	1560-95-8	NIST02.l	64581	90	C15H32	212
Dodecane	112-40-3	NIST02.l	36157	86	C12H26	170
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64589	83	C15H32	212



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Date : 09-APR-2008 17:12

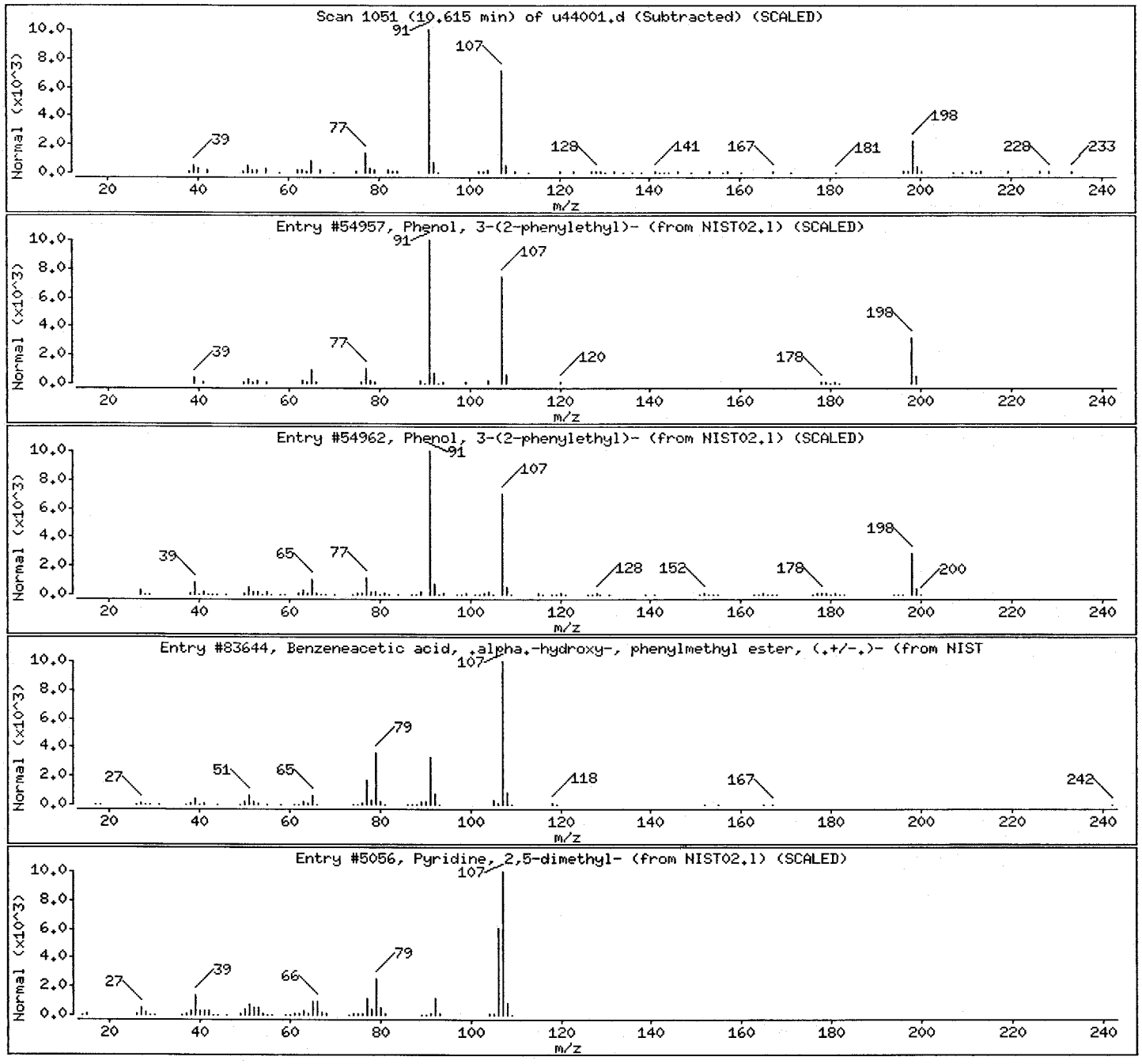
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenol, 3-(2-phenylethyl)-	33675-75-1	NIST02.l	54957	90	C14H140	198
Phenol, 3-(2-phenylethyl)-	33675-75-1	NIST02.l	54962	90	C14H140	198
Benzeneacetic acid, .alpha.-hydroxy-, ph	80409-16-1	NIST02.l	83644	43	C15H1403	242
Pyridine, 2,5-dimethyl-	589-93-5	NIST02.l	5056	43	C7H9N	107



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Date : 09-APR-2008 17:12

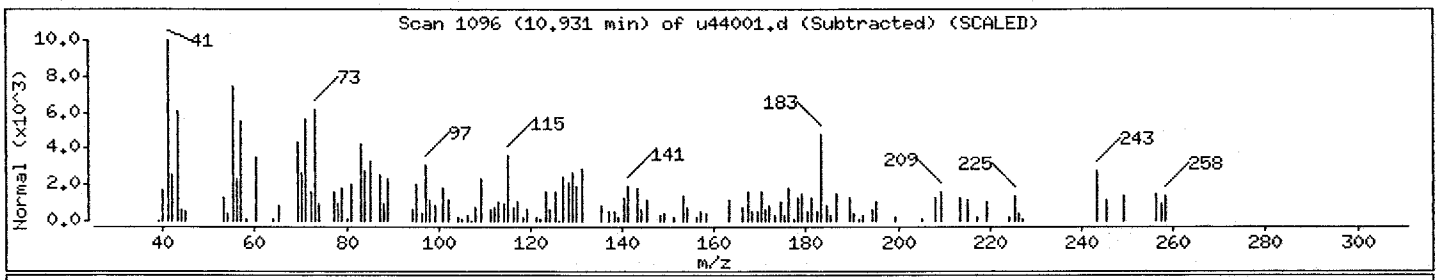
Client ID: 032608-1550 Instrument: BNAMS4.i

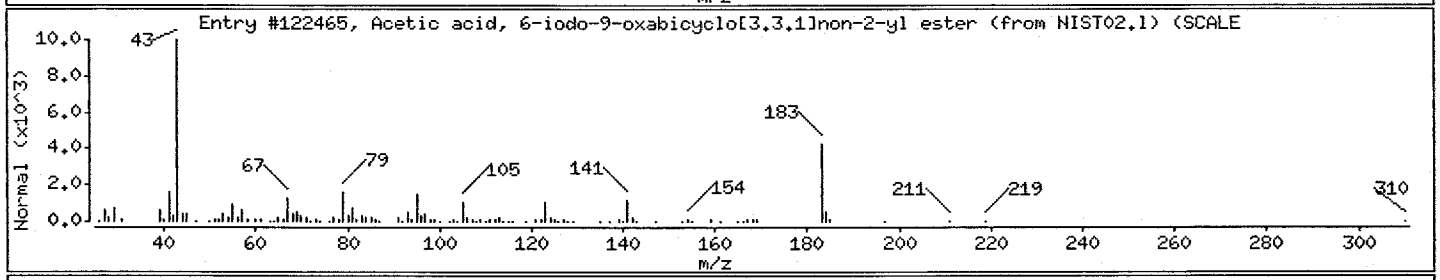
Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Acetic acid, 6-iodo-9-oxabicyclo[3.3.1]n	1000190-80-0	NIST02.l	122465	22	C10H15IO3	310





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Date : 09-APR-2008 17:12

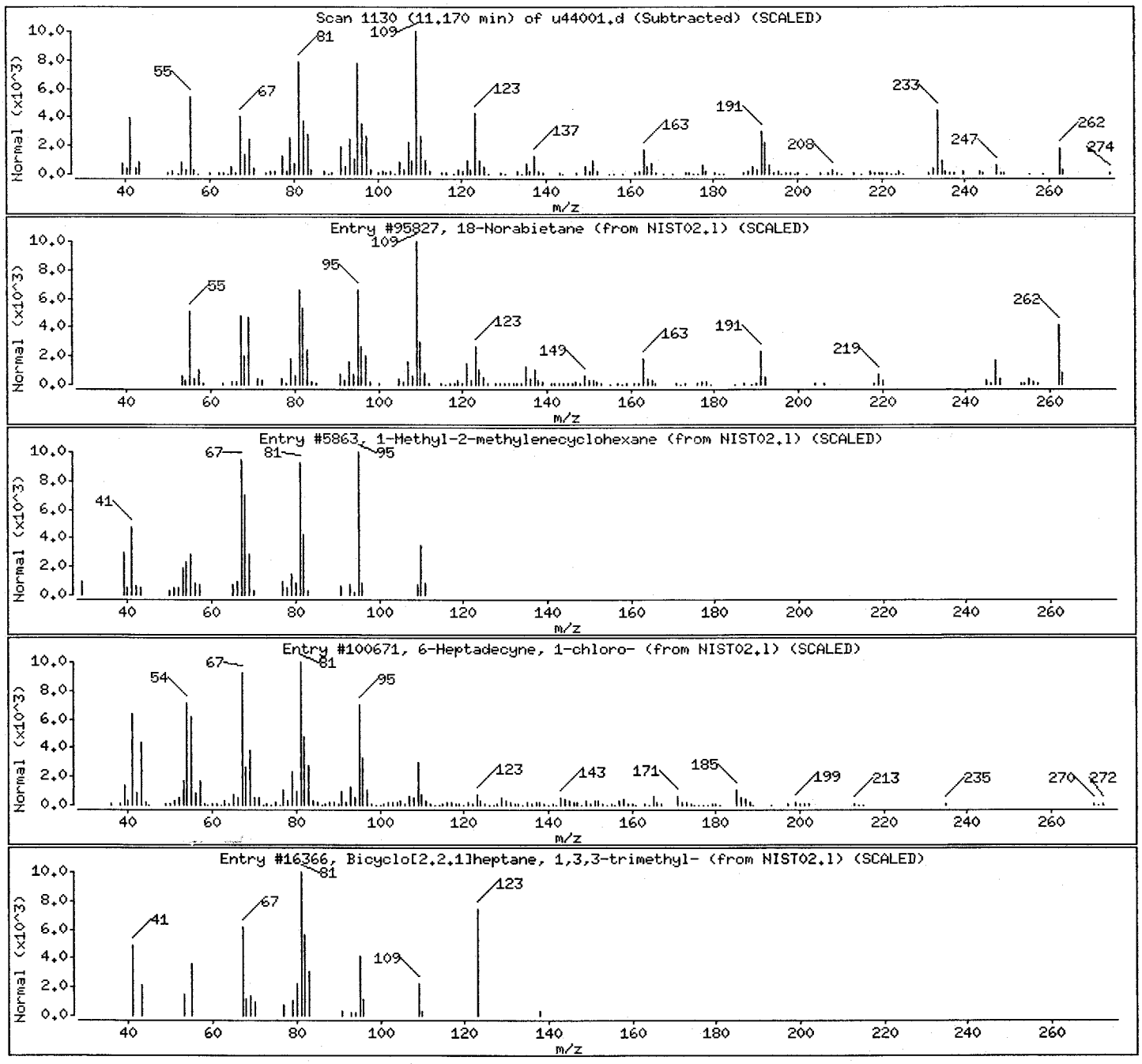
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
18-Norabietane	1000293-16-6	NIST02.l	95827	43	C19H34	262
1-Methyl-2-methylenecyclohexane	2808-75-5	NIST02.l	5863	35	C8H14	110
6-Heptadecyne, 1-chloro-	56599-59-8	NIST02.l	100671	35	C17H31Cl	270
Bicyclo[2.2.1]heptane, 1,3,3-trimethyl-	6248-88-0	NIST02.l	16366	25	C10H18	138



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

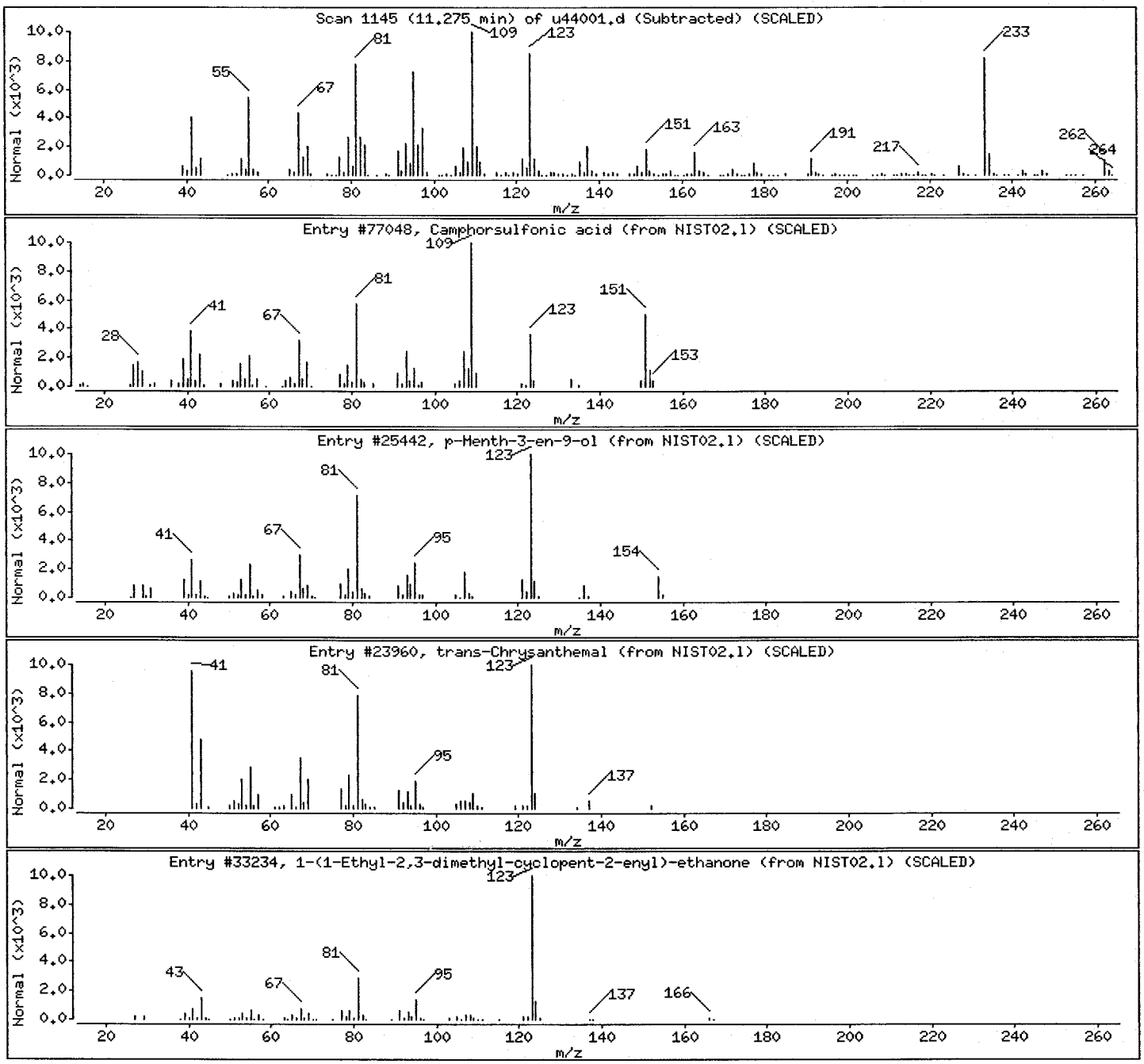
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Camphorsulfonic acid	3144-16-9	NIST02.l	77048	35	C10H16O4S	232
p-Menth-3-en-9-ol	15714-10-0	NIST02.l	25442	35	C10H18O	154
trans-Chrysanthemal	20104-05-6	NIST02.l	23960	30	C10H16O	152
1-(1-Ethyl-2,3-dimethyl-cyclopent-2-enyl	1000185-18-6	NIST02.l	33234	27	C11H18O	166



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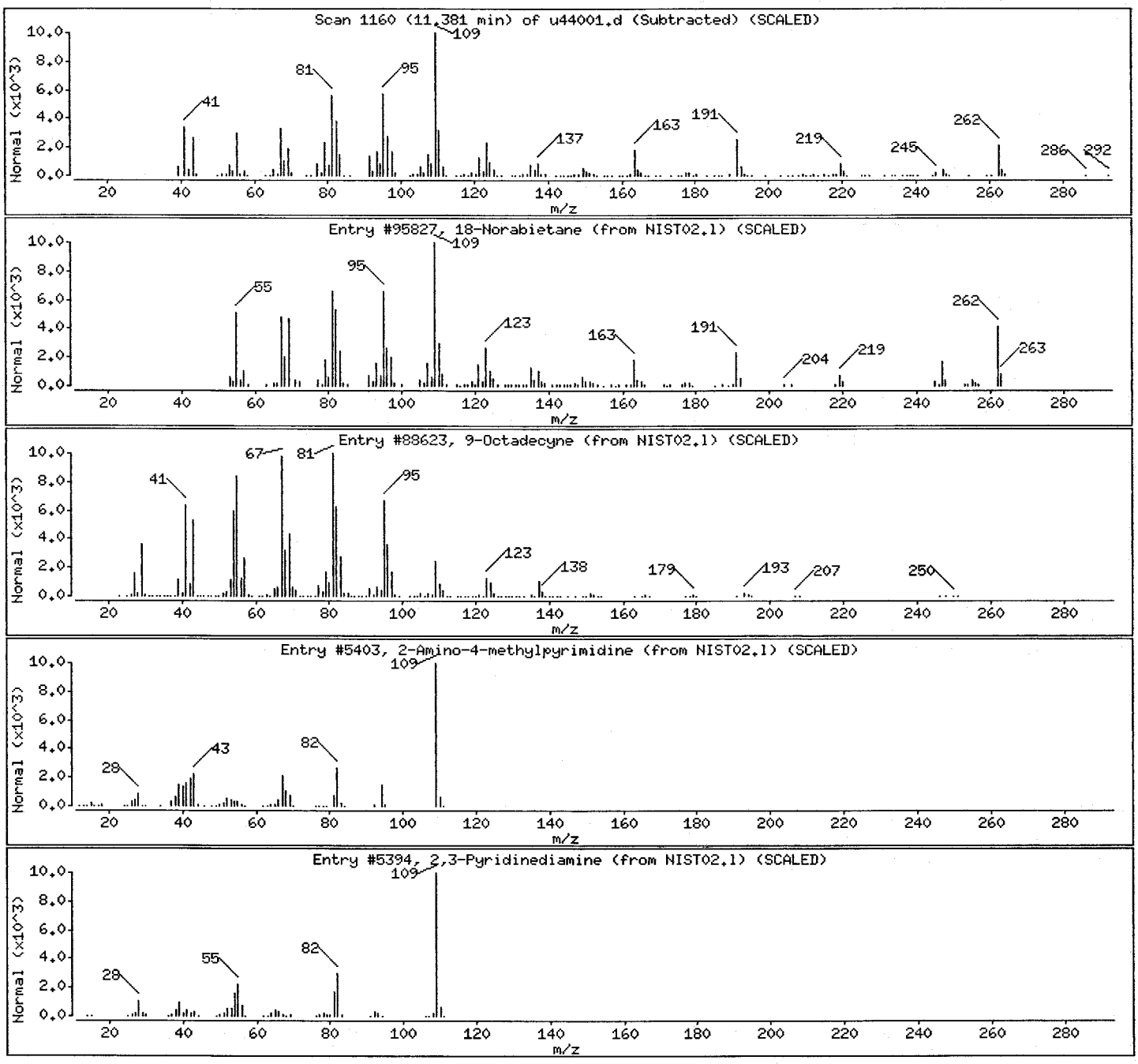
Date : 09-APR-2008 17:12

Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908 Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
18-Norabietane	1000293-16-6	NIST02.l	95827	90	C19H34	262
9-Octadecyne	35365-59-4	NIST02.l	88623	43	C18H34	250
2-Amino-4-methylpyrimidine	108-52-1	NIST02.l	5403	35	C5H7N3	109
2,3-Pyridinediamine	452-58-4	NIST02.l	5394	35	C5H7N3	109



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Date : 09-APR-2008 17:12

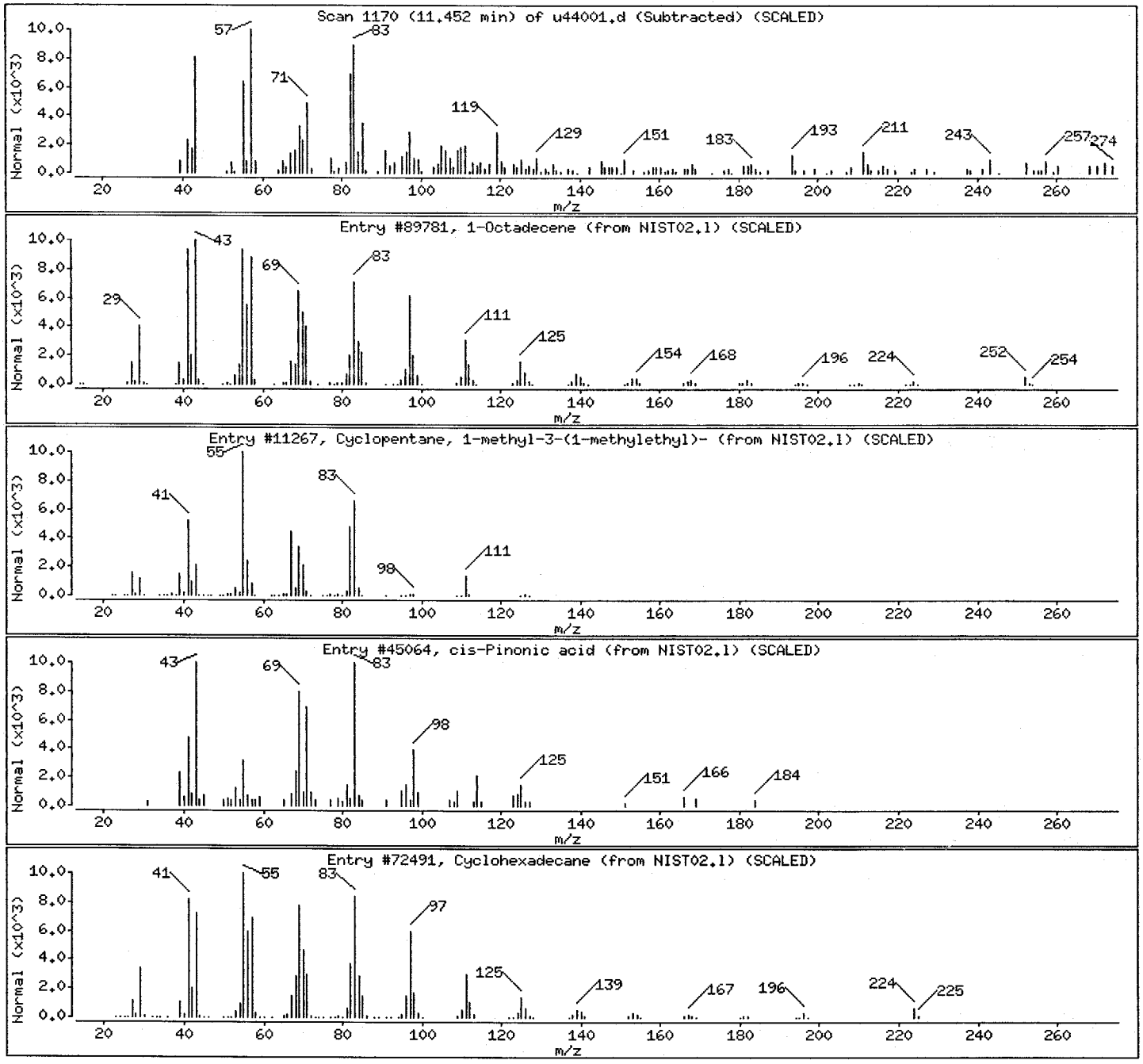
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Octadecene	112-88-9	NIST02.l	89781	52	C18H36	252
Cyclopentane, 1-methyl-3-(1-methylethyl)	53771-88-3	NIST02.l	11267	43	C9H18	126
cis-Pinonic acid	473-72-3	NIST02.l	45064	43	C10H16O3	184
Cyclohexadecane	295-65-8	NIST02.l	72491	42	C16H32	224



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Date : 09-APR-2008 17:12

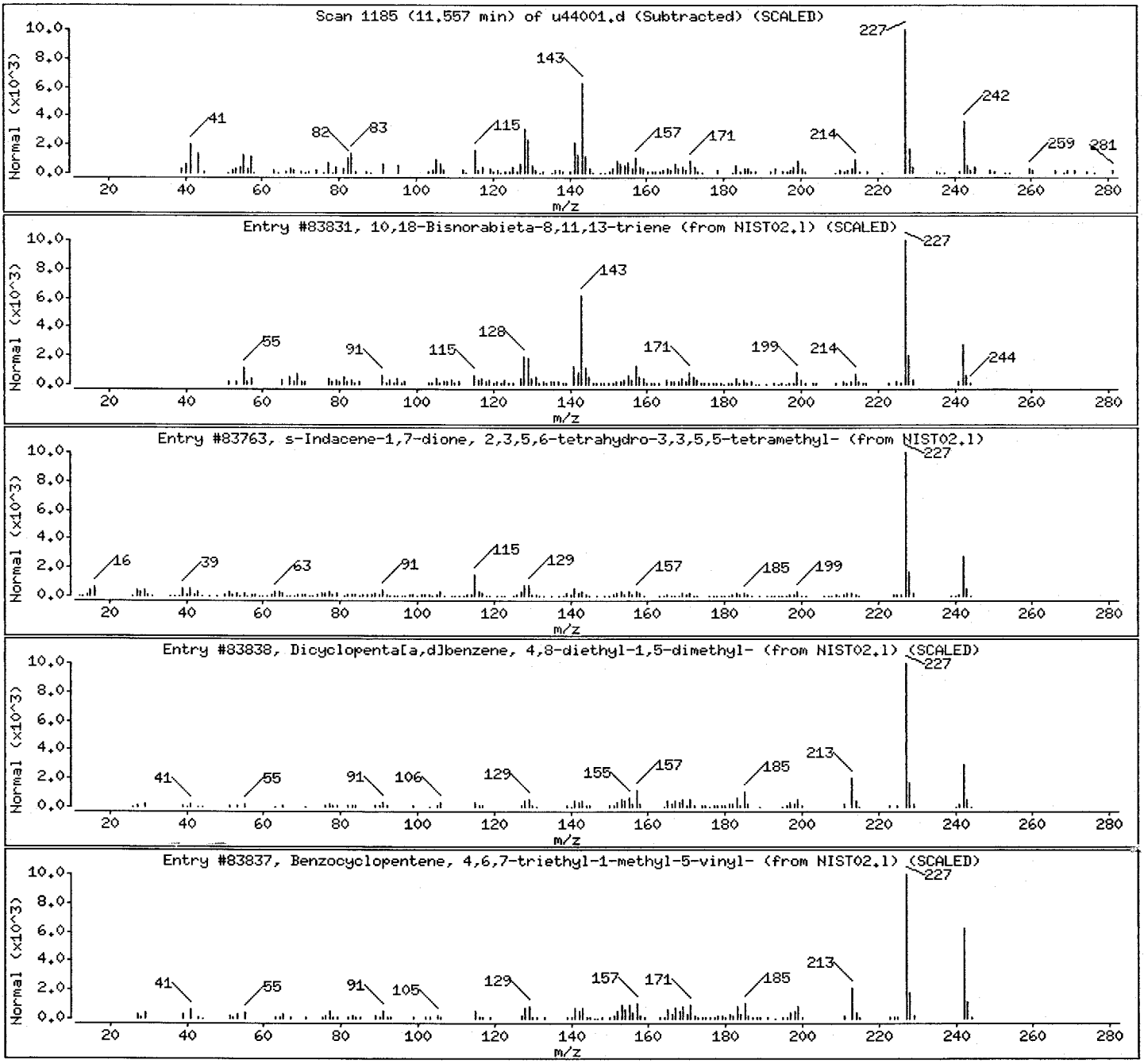
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
10,18-Bisnorabieta-8,11,13-triene	32624-67-2	NIST02.l	83831	95	C18H26	242
s-Indacene-1,7-dione, 2,3,5,6-tetrahydro	55591-17-8	NIST02.l	83763	90	C16H18O2	242
Dicyclopenta[a,d]benzene, 4,8-diethyl-1,	1000156-41-6	NIST02.l	83838	86	C18H26	242
Benzocyclopentene, 4,6,7-triethyl-1-meth	1000156-41-5	NIST02.l	83837	47	C18H26	242



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Date : 09-APR-2008 17:12

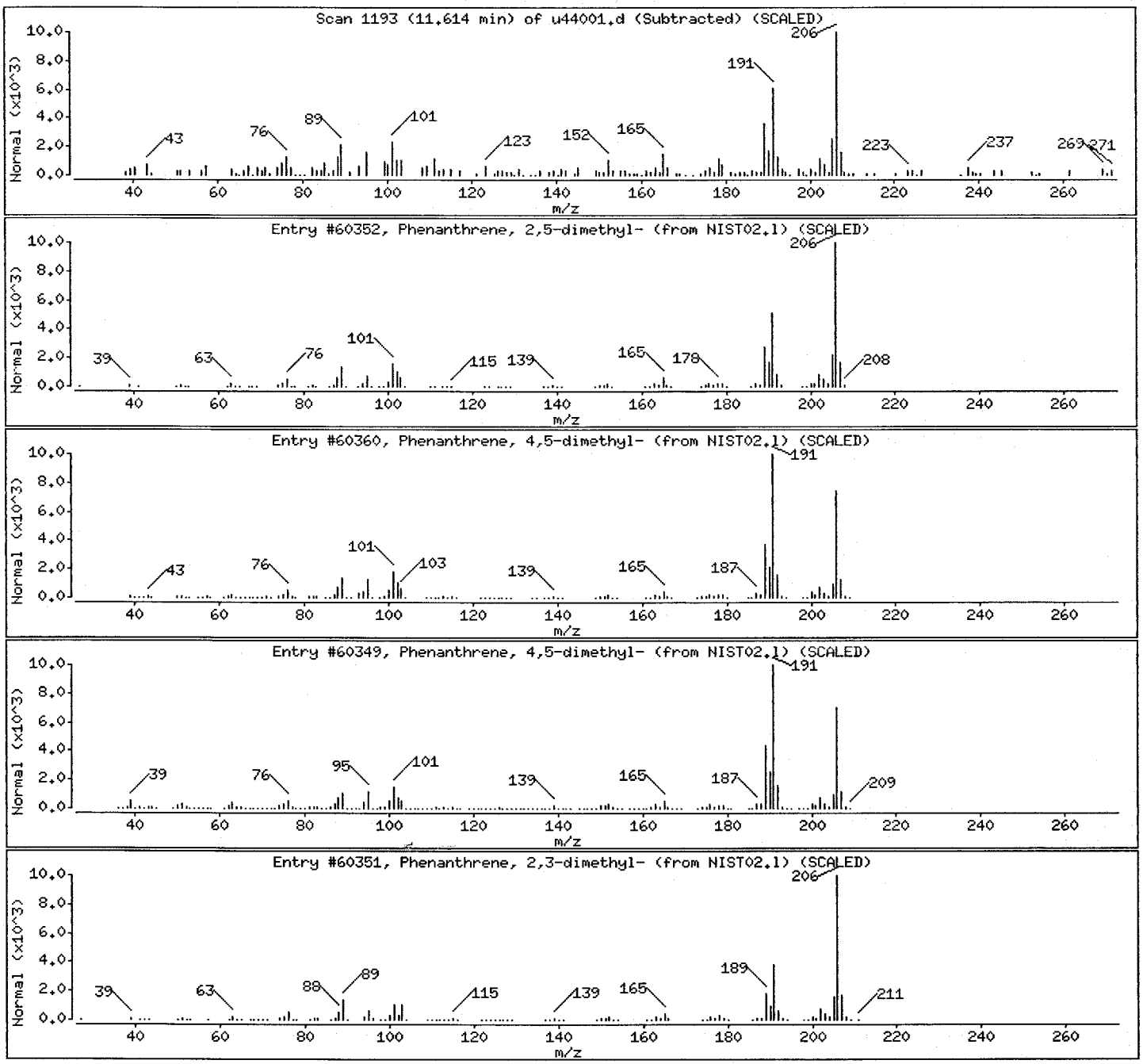
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C16H14 PAH						
Phenanthrene, 2,5-dimethyl-	3674-66-6	NIST02.l	60352	98	C16H14	206
Phenanthrene, 4,5-dimethyl-	3674-69-9	NIST02.l	60360	97	C16H14	206
Phenanthrene, 4,5-dimethyl-	3674-69-9	NIST02.l	60349	94	C16H14	206
Phenanthrene, 2,3-dimethyl-	3674-65-5	NIST02.l	60351	94	C16H14	206



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

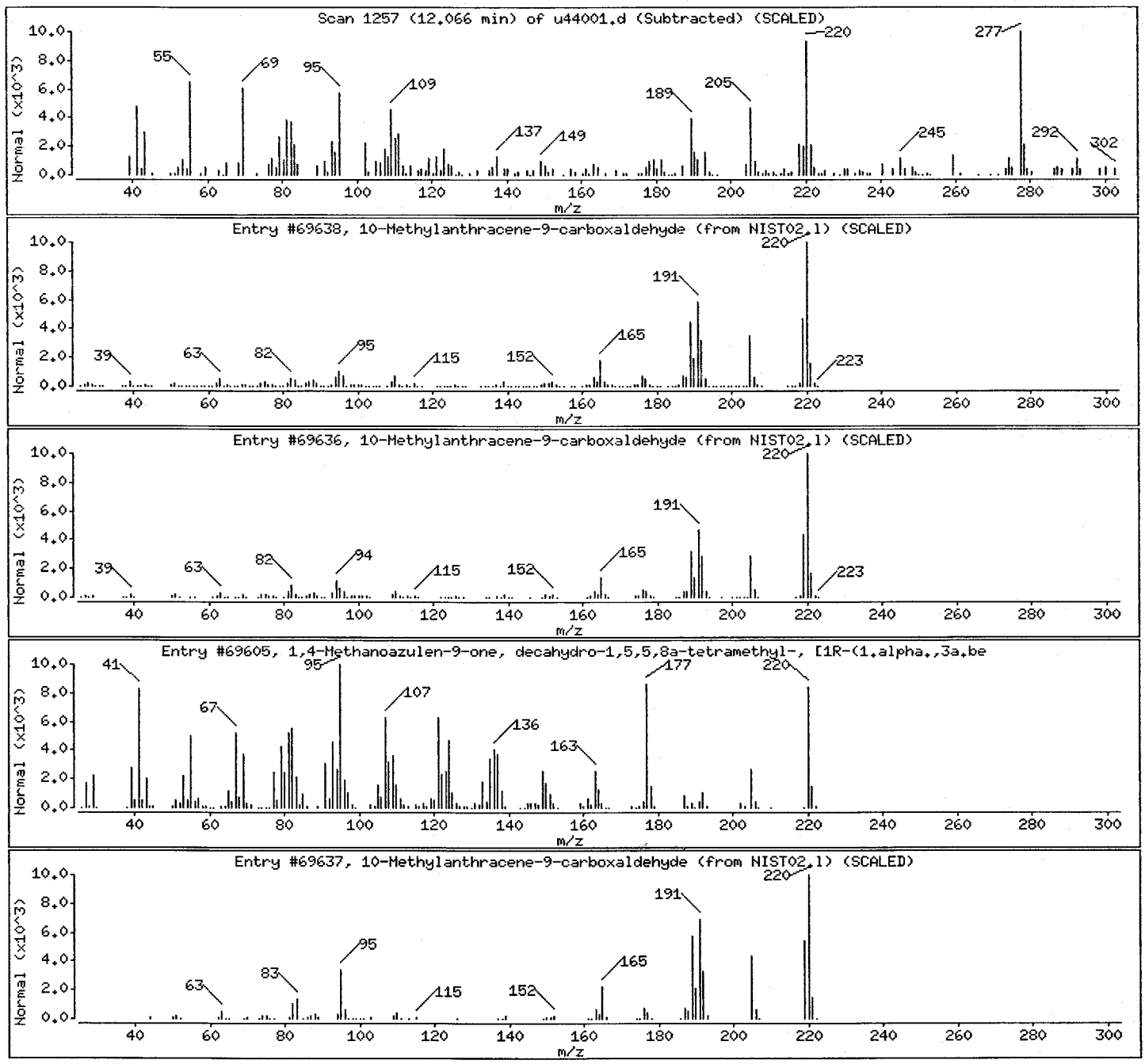
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
10-Methylanthracene-9-carboxaldehyde	7072-00-6	NIST02.l	69638	30	C16H12O	220
10-Methylanthracene-9-carboxaldehyde	7072-00-6	NIST02.l	69636	30	C16H12O	220
1,4-Methanoazulen-9-one, decahydro-1,5,5	465-26-9	NIST02.l	69605	27	C15H24O	220
10-Methylanthracene-9-carboxaldehyde	7072-00-6	NIST02.l	69637	27	C16H12O	220



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

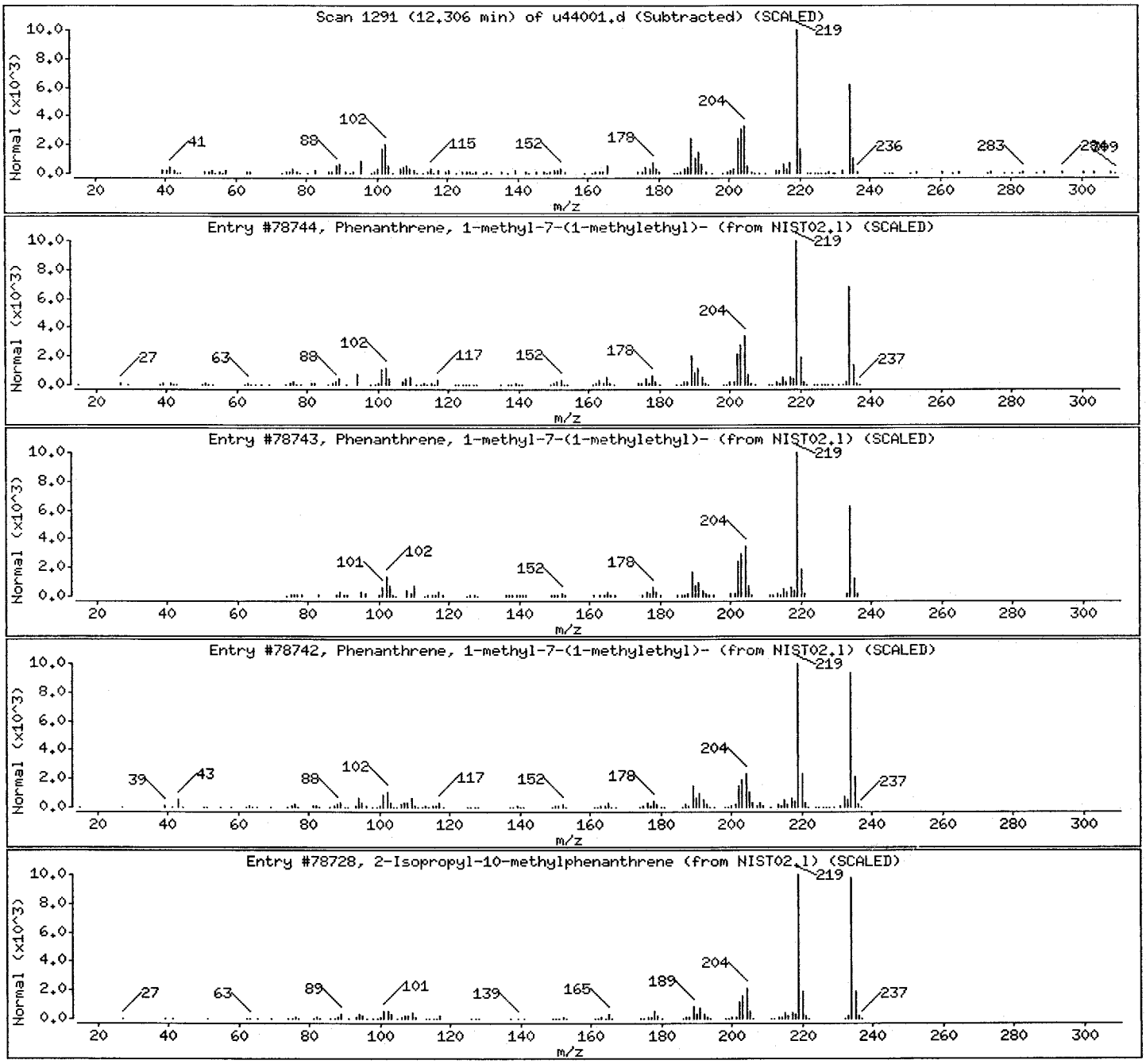
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 1-methyl-7-(1-methylethyl)	483-65-8	NIST02.l	78744	99	C18H18	234
Phenanthrene, 1-methyl-7-(1-methylethyl)	483-65-8	NIST02.l	78743	98	C18H18	234
Phenanthrene, 1-methyl-7-(1-methylethyl)	483-65-8	NIST02.l	78742	94	C18H18	234
2-Isopropyl-10-methylphenanthrene	66552-97-4	NIST02.l	78728	91	C18H18	234



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

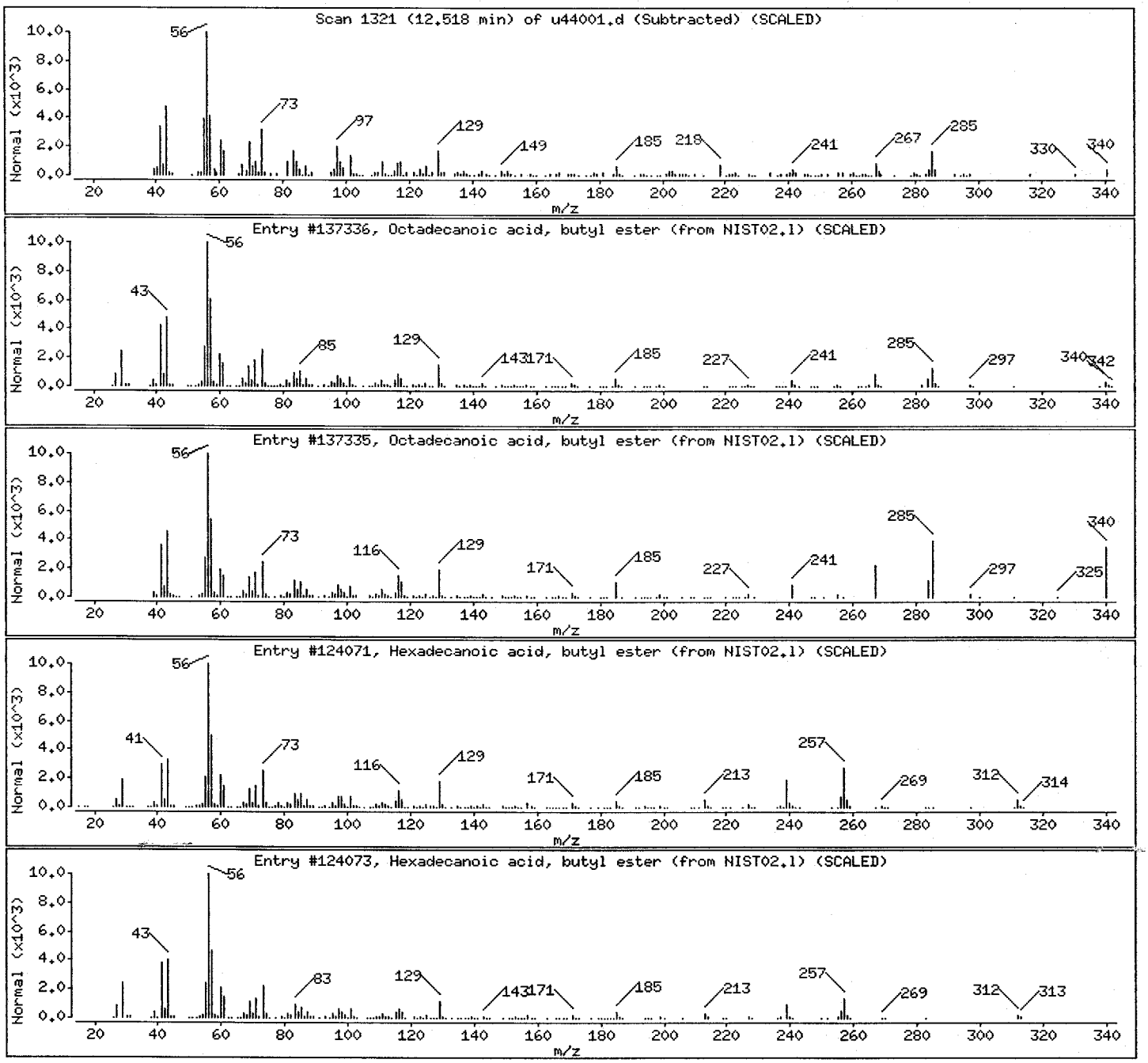
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Octadecanoic acid, butyl ester	123-95-5	NIST02.l	137336	94	C22H4402	340
Octadecanoic acid, butyl ester	123-95-5	NIST02.l	137335	93	C22H4402	340
Hexadecanoic acid, butyl ester	111-06-8	NIST02.l	124071	59	C20H4002	312
Hexadecanoic acid, butyl ester	111-06-8	NIST02.l	124073	45	C20H4002	312



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

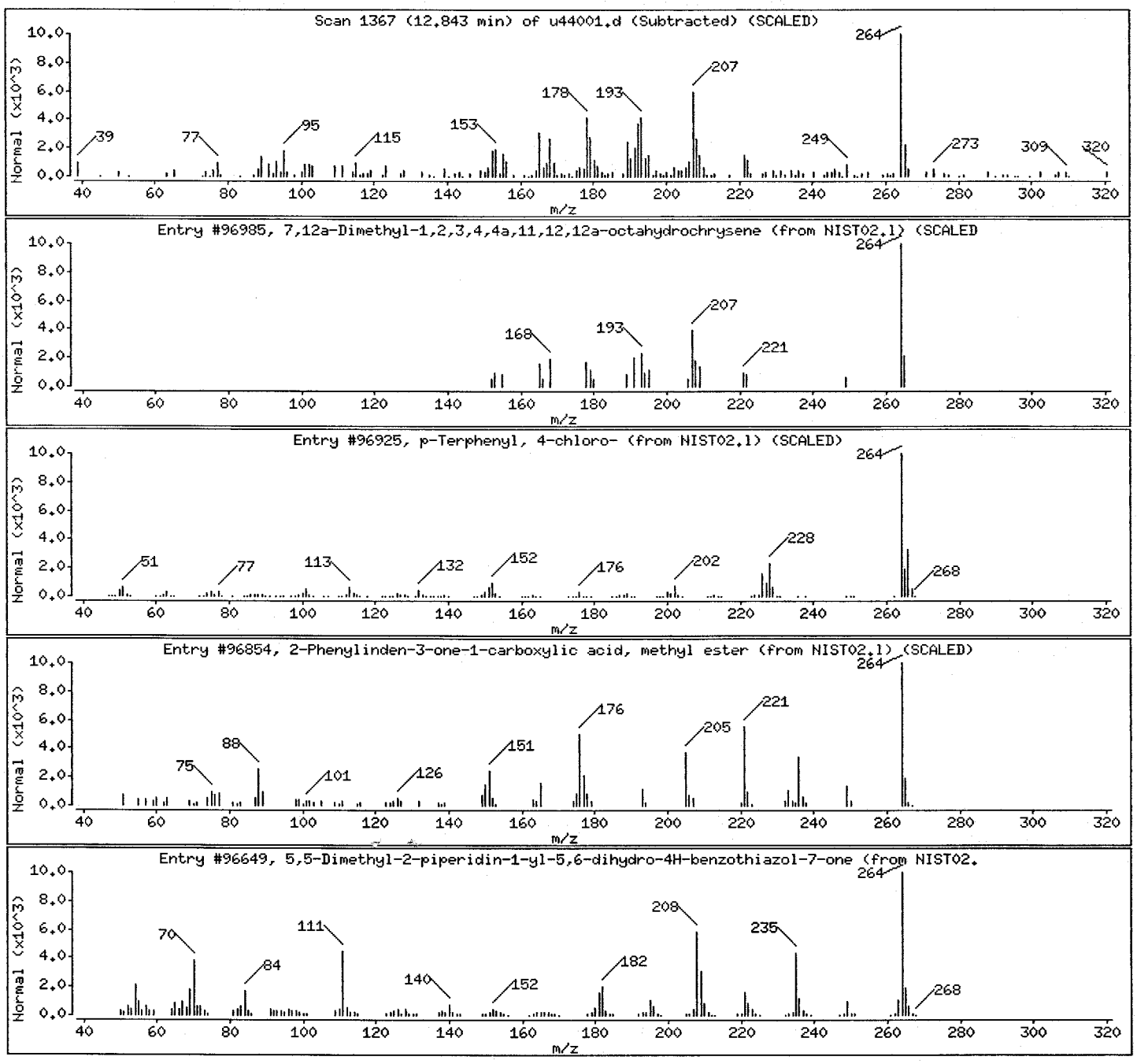
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
7,12a-Dimethyl-1,2,3,4,4a,11,12,12a-octa	75758-27-9	NIST02.l	96985	96	C20H24	264
p-Terphenyl, 4-chloro-	1762-83-0	NIST02.l	96925	38	C18H13Cl	264
2-Phenylinden-3-one-1-carboxylic acid, m	101445-80-1	NIST02.l	96854	35	C17H12O3	264
5,5-Dimethyl-2-piperidin-1-yl-5,6-dihydr	15091-02-8	NIST02.l	96649	30	C14H20N2OS	264



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

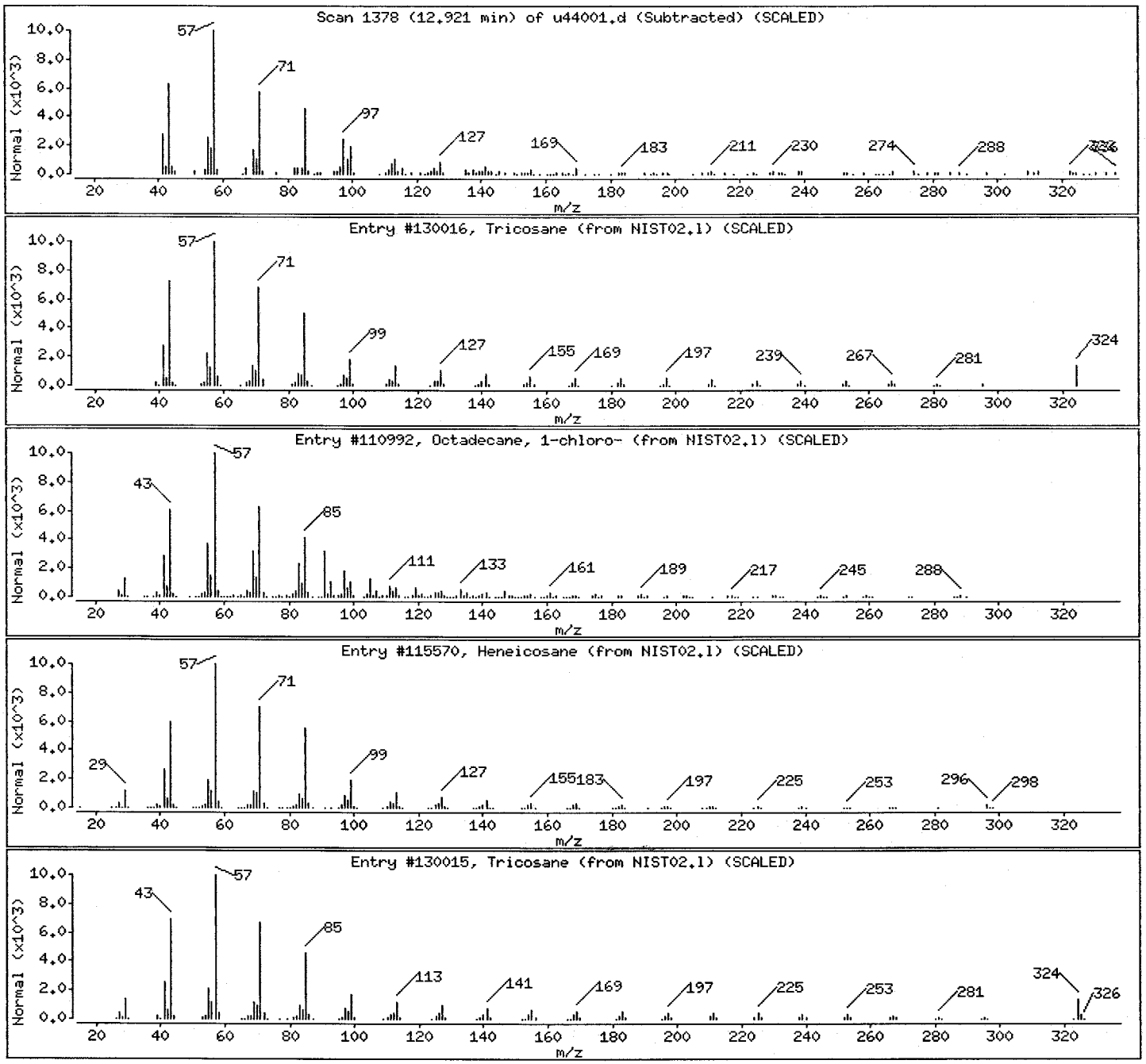
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tricosane	638-67-5	NIST02.l	130016	90	C23H48	324
Octadecane, 1-chloro-	3386-33-2	NIST02.l	110992	87	C18H37Cl	288
Heneicosane	629-94-7	NIST02.l	115570	81	C21H44	296
Tricosane	638-67-5	NIST02.l	130015	76	C23H48	324



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Date : 09-APR-2008 17:12

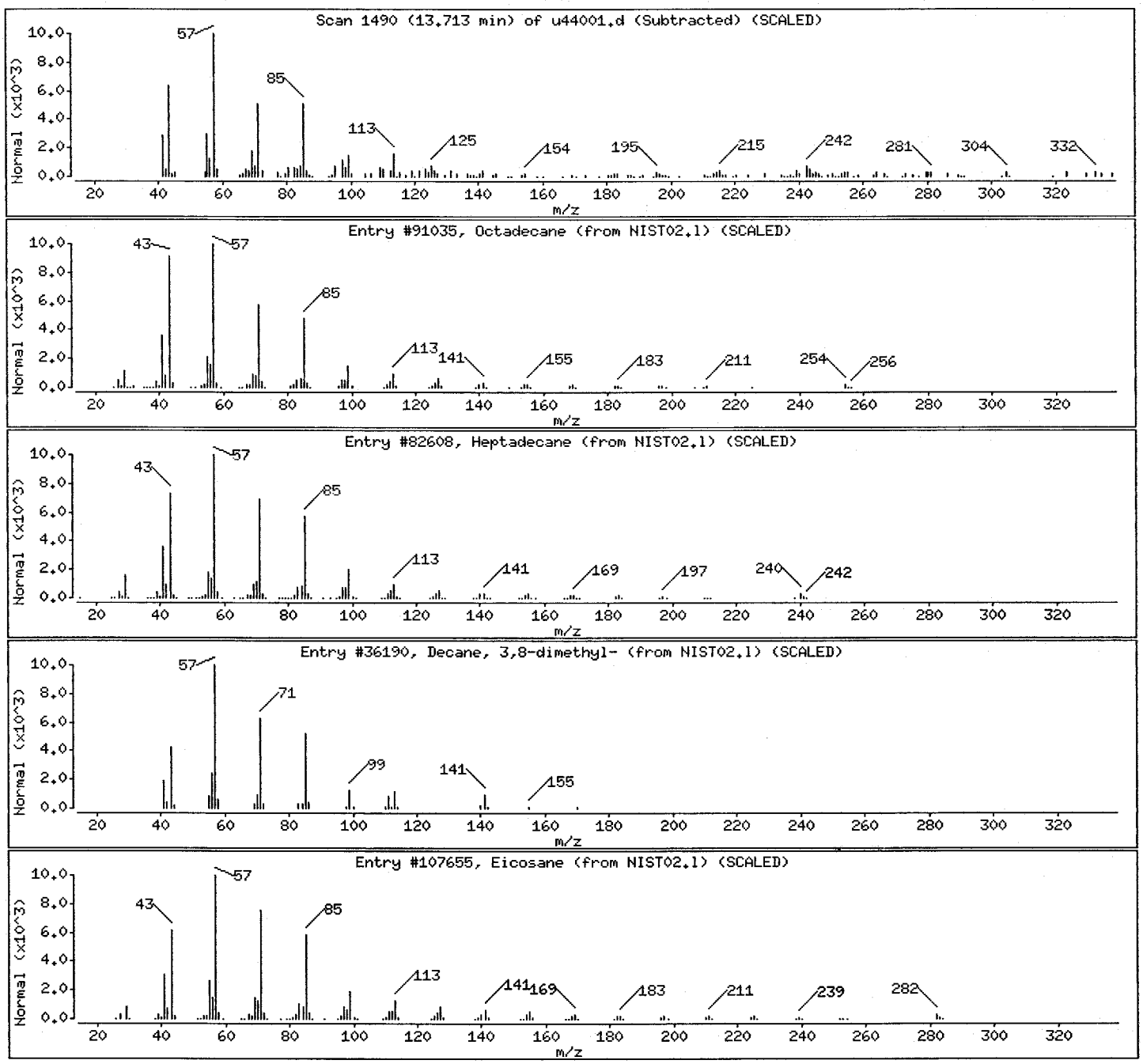
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Octadecane	593-45-3	NIST02.l	91035	91	C18H38	254
Heptadecane	629-78-7	NIST02.l	82608	89	C17H36	240
Decane, 3,8-dimethyl-	17312-55-9	NIST02.l	36190	80	C12H26	170
Eicosane	112-95-8	NIST02.l	107655	72	C20H42	282



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Date : 09-APR-2008 17:12

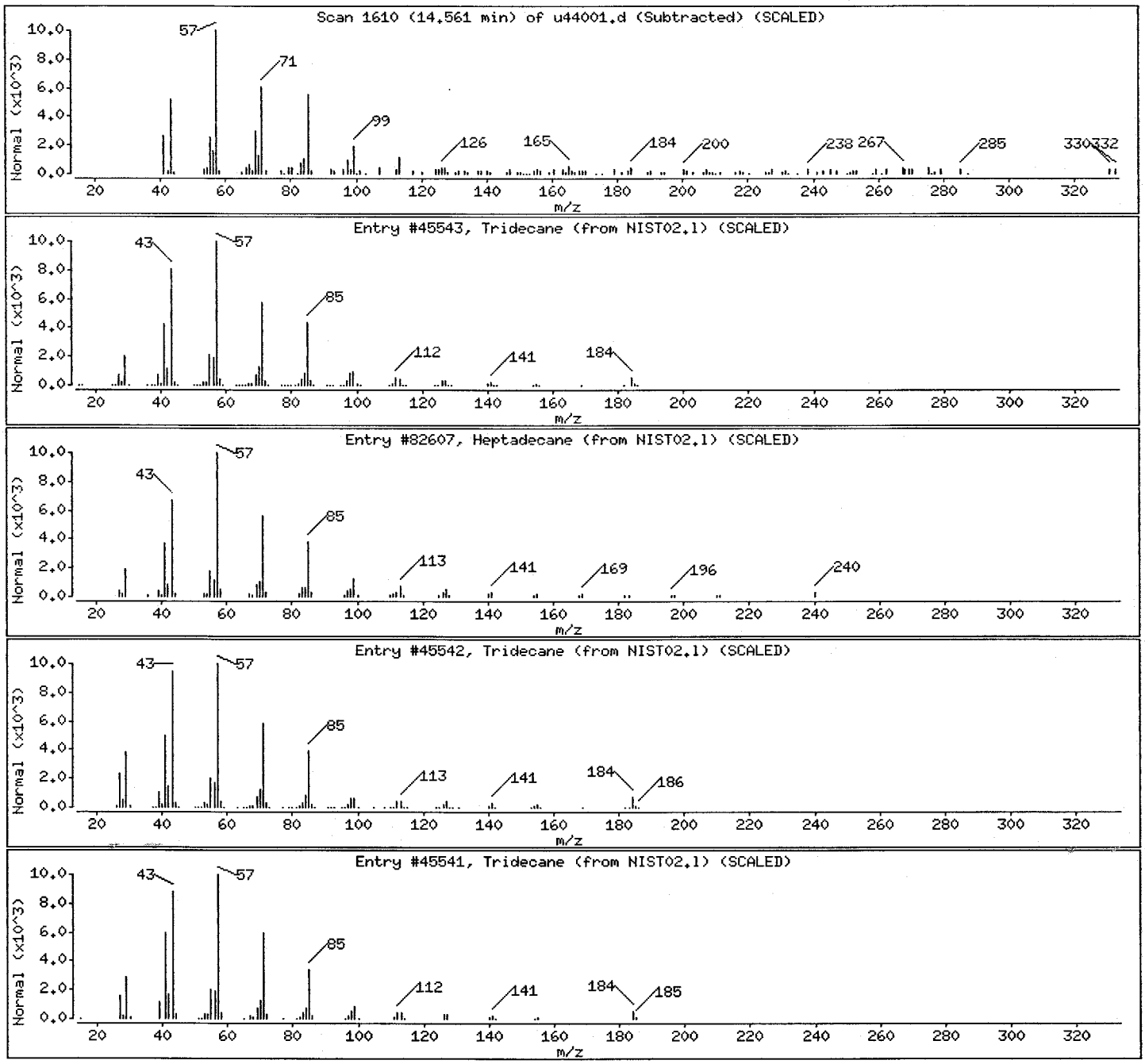
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Tridecane	629-50-5	NIST02.l	45543	81	C13H28	184
Heptadecane	629-78-7	NIST02.l	82607	78	C17H36	240
Tridecane	629-50-5	NIST02.l	45542	74	C13H28	184
Tridecane	629-50-5	NIST02.l	45541	74	C13H28	184



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44001.d

Date : 09-APR-2008 17:12

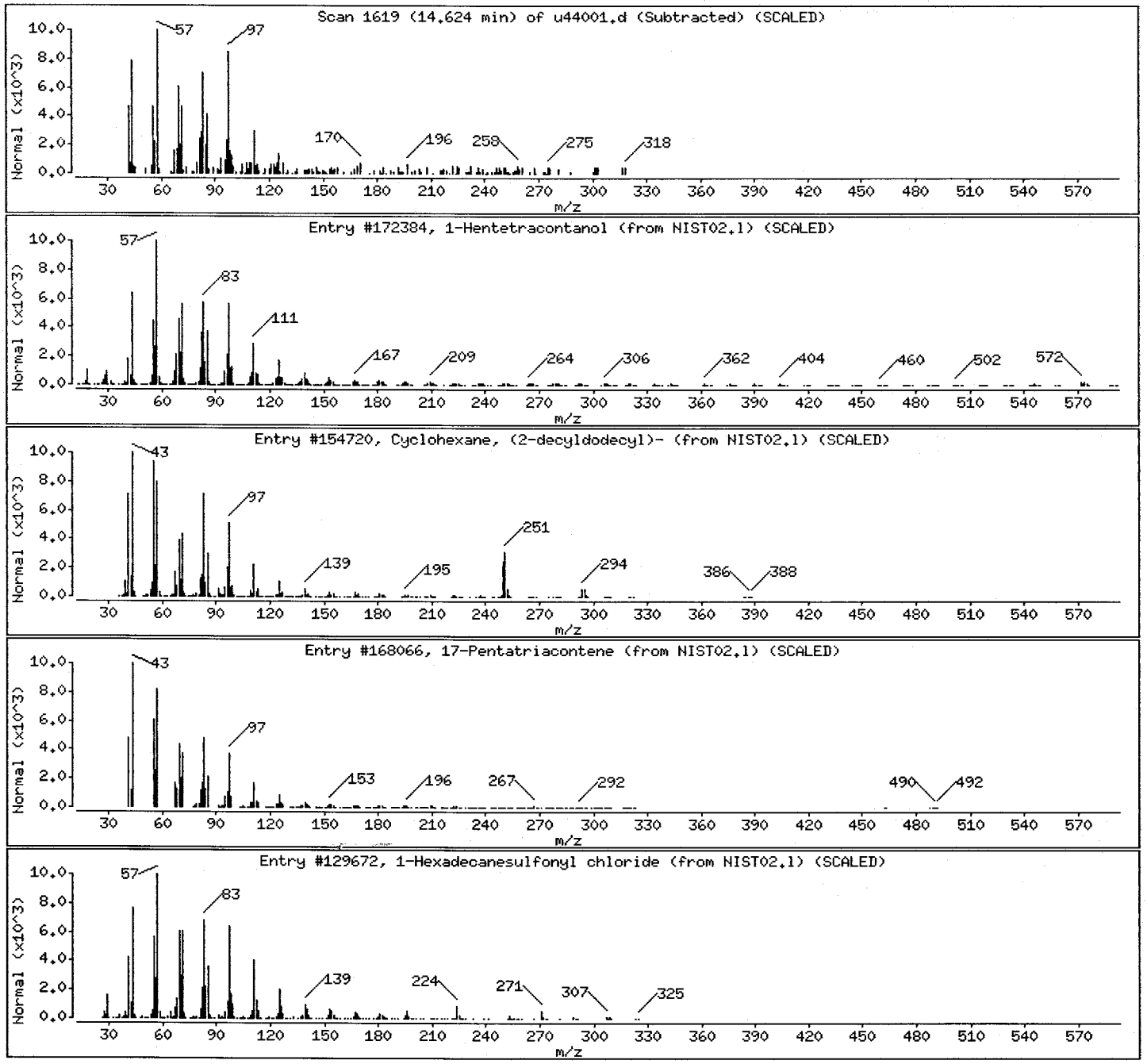
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Hentetracontanol	40710-42-7	NIST02.l	172384	68	C41H84O	593
Cyclohexane, (2-decyldodecyl)-	6704-00-3	NIST02.l	154720	64	C28H56	392
17-Pentatriacontene	6971-40-0	NIST02.l	168066	58	C35H70	491
1-Hexadecanesulfonyl chloride	38775-38-1	NIST02.l	129672	52	C16H33ClO2S	324



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Date : 09-APR-2008 17:12

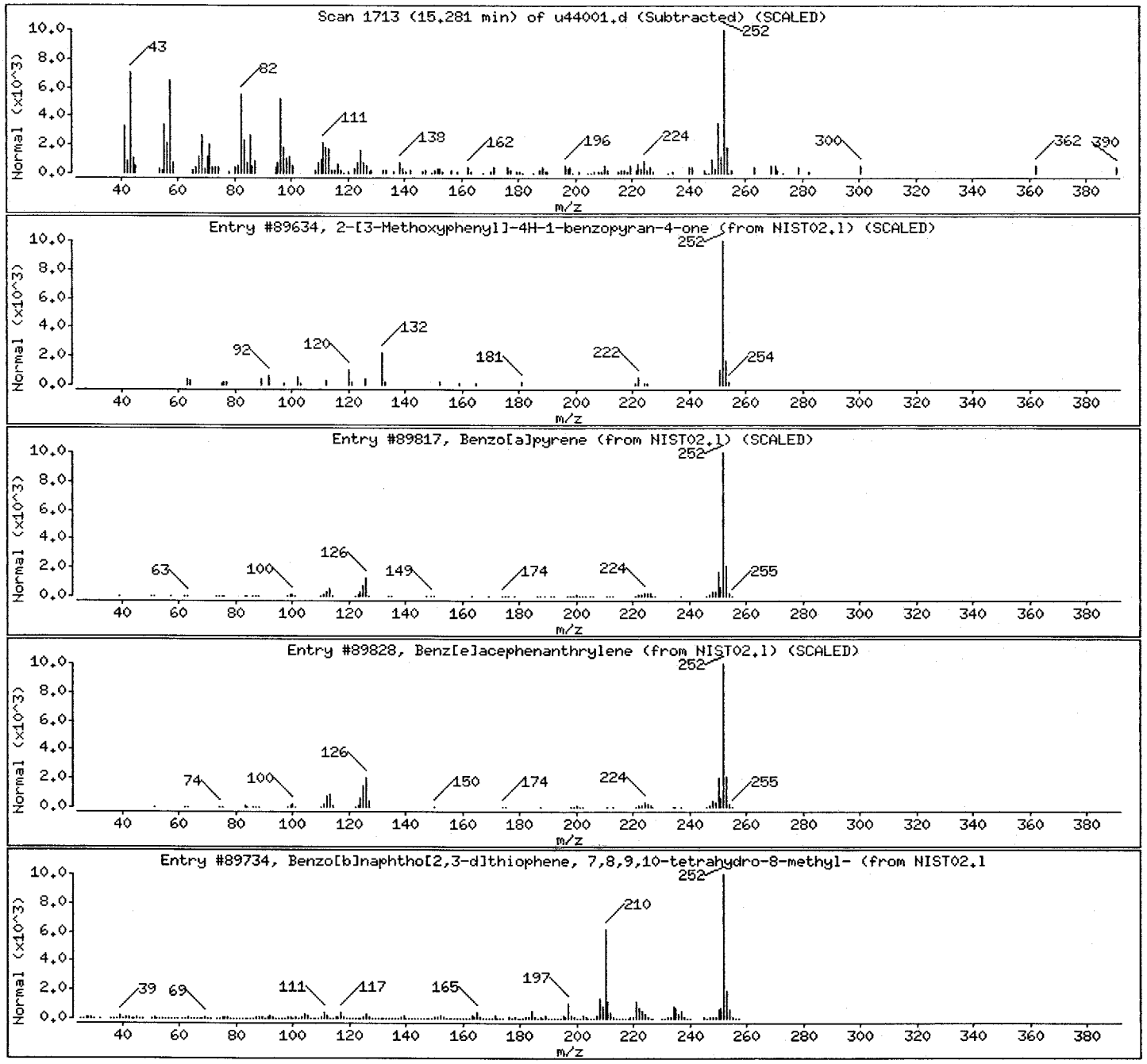
Client ID: 032608-1550 Instrument: BNAMS4.i

Sample Info: 908708;4225908

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH						
2-[3-Methoxyphenyl]-4H-1-benzopyran-4-on	53906-83-5	NIST02.l	89634	25	C16H12O3	252
Benzo[a]pyrene	50-32-8	NIST02.l	89817	25	C20H12	252
Benz[e]acephenanthrylene	205-99-2	NIST02.l	89828	22	C20H12	252
Benzo[b]naphtho[2,3-d]thiophene, 7,8,9,1	24964-04-3	NIST02.l	89734	22	C17H16S	252



Client ID: **032608-1555**
Site: BP Hastings

Lab Sample No: **908709**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44002.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 50

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	660
2-Chlorophenol	ND	660
2-Methylphenol	ND	660
4-Methylphenol	240 J	660
2-Nitrophenol	ND	660
2,4-Dimethylphenol	ND	660
2,4-Dichlorophenol	ND	660
4-Chloro-3-methylphenol	ND	660
2,4,6-Trichlorophenol	ND	660
2,4,5-Trichlorophenol	ND	660
2,4-Dinitrophenol	ND	2000
4-Nitrophenol	ND	2000
4,6-Dinitro-2-methylphenol	ND	2000
Pentachlorophenol	ND	2000

Client ID: **032608-1555**
Site: BP Hastings

Lab Sample No: **908709**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44002.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 50

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	66
1,3-Dichlorobenzene	ND	660
1,4-Dichlorobenzene	ND	660
1,2-Dichlorobenzene	ND	660
bis(2-chloroisopropyl)ether	ND	660
N-Nitroso-di-n-propylamine	ND	66
Hexachloroethane	ND	66
Nitrobenzene	ND	66
Isophorone	ND	660
bis(2-Chloroethoxy)methane	ND	660
1,2,4-Trichlorobenzene	ND	66
Naphthalene	880	660
4-Chloroaniline	ND	660
Hexachlorobutadiene	ND	130
2-Methylnaphthalene	87 J	660
Hexachlorocyclopentadiene	ND	660
2-Chloronaphthalene	ND	660
2-Nitroaniline	ND	1300
Dimethylphthalate	ND	660
Acenaphthylene	ND	660
2,6-Dinitrotoluene	ND	130
3-Nitroaniline	ND	1300
Acenaphthene	340 J	660
Dibenzofuran	140 J	660
2,4-Dinitrotoluene	ND	130
Diethylphthalate	ND	660
4-Chlorophenyl-phenylether	ND	660
Fluorene	340 J	660
4-Nitroaniline	ND	1300
N-Nitrosodiphenylamine	ND	660
4-Bromophenyl-phenylether	ND	660
Hexachlorobenzene	ND	66
Phenanthrene	3900	660
Anthracene	1200	660

Client ID: **032608-1555**
Site: BP Hastings

Lab Sample No: **908709**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44002.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 50

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	200 J	660
Di-n-butylphthalate	ND	660
Fluoranthene	5300	660
Pyrene	5500	660
Butylbenzylphthalate	ND	660
3,3'-Dichlorobenzidine	ND	1300
Benzo(a)anthracene	2400	66
Chrysene	2400	660
bis(2-Ethylhexyl)phthalate	ND	660
Di-n-octylphthalate	ND	660
Benzo(b)fluoranthene	1700	66
Benzo(k)fluoranthene	2200	66
Benzo(a)pyrene	2100	66
Indeno(1,2,3-cd)pyrene	630	66
Dibenz(a,h)anthracene	240	66
Benzo(g,h,i)perylene	610 J	660

Client ID: **032608-1555**
Site: BP Hastings

Lab Sample No: **908709**
Lab Job No: S478

Date Sampled: 03/26/08
Date Received: 03/27/08
Date Extracted: 03/31/08
Date Analyzed: 04/09/08
GC Column: DB-5
Instrument ID: BNAMS4.i
Lab File ID: u44002.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 49.9

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	C20H12 PAH	11.05	950	
2.	C20H12 PAH	11.08	1200	
3.	Unknown	11.17	3400	
4.	C15H10 PAH	11.20	1100	
5.	Unknown	11.28	8500	
6.	Unknown	11.39	10000	
7.	Unknown	11.56	1100	
8.	10-Methylanthracene-9-carboxaldehyde	12.07	1400	
9.	Phenanthrene, 1-methyl-7-(1-methylethy	12.31	2700	
10.	C17H12 PAH	12.44	1800	
11.	Pentadecane	12.54	1300	
12.	Unknown Alkane	12.92	1700	
13.	Unknown Alkane	13.31	900	
14.	C18H12 PAH	13.58	890	
15.	11H-Benzo[a]carbazole	13.64	960	
16.	Unknown Alkane	13.71	1800	
17.	Unknown Alkane	14.56	2400	
18.	Unknown	14.63	3100	
19.	C20H12 PAH	15.29	3800	
20.	C20H12 PAH	15.49	2300	
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 51300

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d
Report Date: 09-Apr-2008 21:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d
Lab Smp Id: 908709 Client Smp ID: 032608-1555
Inj Date : 09-APR-2008 17:36
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 908709;4225907
Misc Info : S478;SB091;QA7084
Comment :
Method : /chem/BNAMS4.i/8270/04-09-08/09apr08.b/8270C_08.m
Meth Date : 09-Apr-2008 21:55 rusin Quant Type: ISTD
Cal Date : 09-APR-2008 13:26 Cal File: u43994.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLBNAb.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	49.90000	% Moisture

Cpnd Variable Local Compound Variable

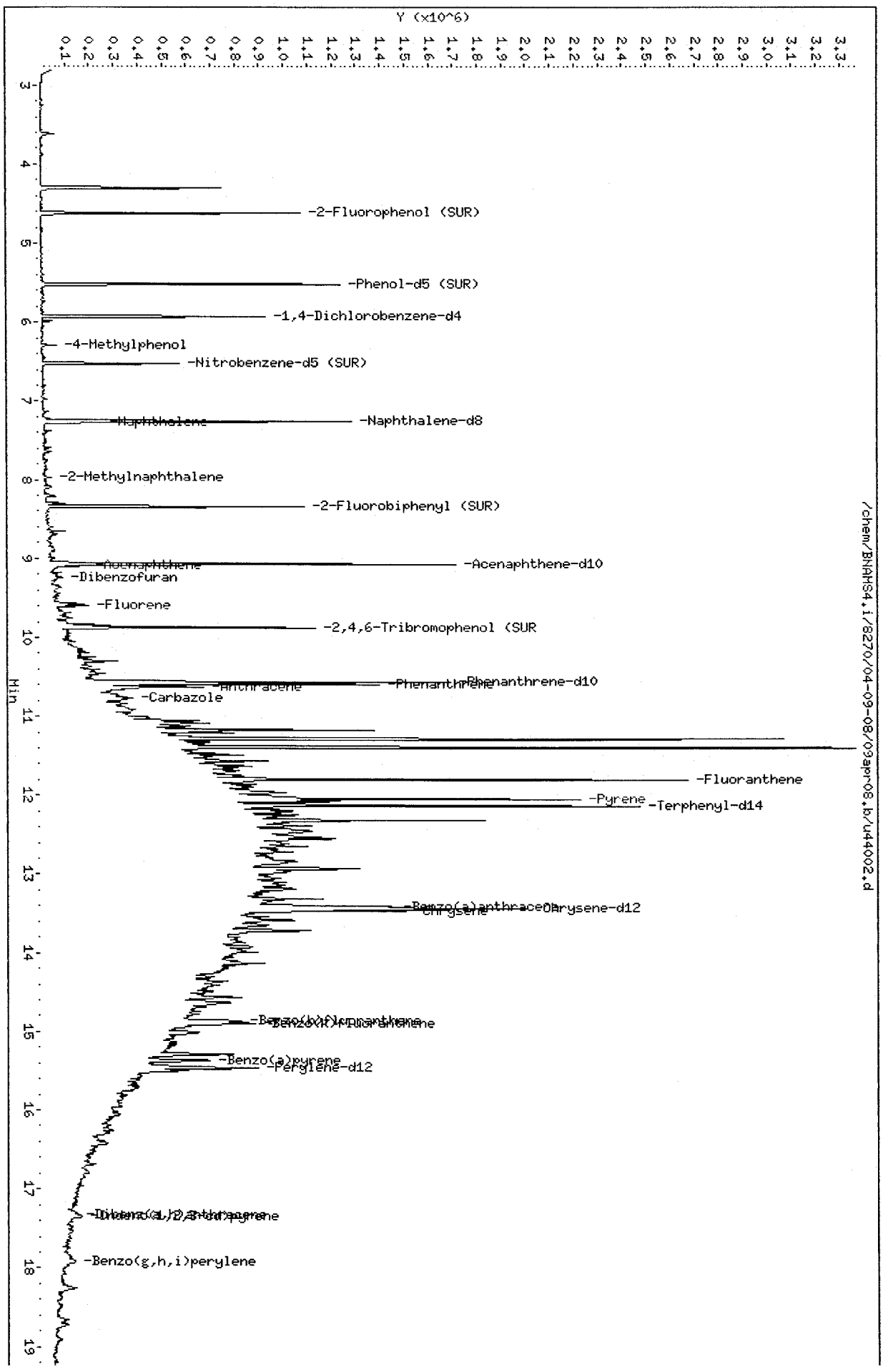
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.622	4.611	(0.780)	361534	48.5612	6500
$ 17 Phenol-d5 (SUR)	99	5.521	5.508	(0.931)	571406	50.9566	6800
* 79 1,4-Dichlorobenzene-d4	152	5.928	5.923	(1.000)	125901	40.0000	
4 4-Methylphenol	108	6.293	6.288	(1.062)	14518	1.77250	240(a)
$ 76 Nitrobenzene-d5 (SUR)	82	6.523	6.517	(0.899)	208605	28.2753	3800
* 80 Naphthalene-d8	136	7.258	7.259	(1.000)	514703	40.0000	
31 Naphthalene	128	7.281	7.274	(1.003)	86880	6.61669	880
34 2-Methylnaphthalene	142	7.972	7.973	(1.098)	6014	0.65678	87(a)
$ 77 2-Fluorobiphenyl (SUR)	172	8.343	8.341	(0.920)	265402	26.0725	3500
* 82 Acenaphthene-d10	164	9.070	9.066	(1.000)	344419	40.0000	
42 Acenaphthene	154	9.099	9.104	(1.003)	24220	2.53318	340(a)
43 Dibenzofuran	168	9.255	9.252	(1.020)	15253	1.07845	140(a)
47 Fluorene	166	9.605	9.602	(1.059)	29362	2.59647	340(a)

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d
Report Date: 09-Apr-2008 21:57

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 18 2,4,6-Tribromophenol (SUR)	330	9.873	9.868	(1.088)	126565	51.2390	6800
* 83 Phenanthrene-d10	188	10.560	10.559	(1.000)	513191	40.0000	
52 Phenanthrene	178	10.590	10.582	(1.003)	400785	29.5132	3900
53 Anthracene	178	10.627	10.626	(1.006)	123960	9.03197	1200
54 Carbazole	167	10.770	10.767	(1.020)	18919	1.53549	200(a)
56 Fluoranthene	202	11.796	11.784	(1.117)	646165	40.1113	5300
57 Pyrene	202	12.042	12.028	(0.896)	662509	41.0375	5500
$ 78 Terphenyl-d14	244	12.126	12.111	(0.903)	508985	41.0420	5500
61 Benzo(a)anthracene	228	13.399	13.381	(0.997)	267885	17.8150	2400
* 81 Chrysene-d12	240	13.435	13.417	(1.000)	576308	40.0000	
62 Chrysene	228	13.463	13.439	(1.002)	246546	18.4285	2400
65 Benzo(b)fluoranthene	252	14.867	14.847	(0.962)	155801	13.1398	1700
66 Benzo(k)fluoranthene	252	14.895	14.877	(0.964)	167313	16.9099	2200(H)
67 Benzo(a)pyrene	252	15.367	15.337	(0.994)	149232	15.6493	2100
* 84 Perylene-d12	264	15.459	15.449	(1.000)	300439	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	17.349	17.337	(1.122)	47562	4.73982	630
69 Dibenz(a,h)anthracene	278	17.321	17.314	(1.120)	15883	1.80070	240
70 Benzo(g,h,i)perylene	276	17.933	17.910	(1.160)	40530	4.57327	610(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.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Date : 09-APR-2008 17:36
Client ID: 032608-1555
Sample Info: 908709;4225907
Column phase: DB-5
Instrument: BNAMS4.i
Operator: BNAMS 4
Column diameter: 0.25
/chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d
Y (x10^6)
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-4-Methylphenol
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
-2-Methylnaphthalene
-2-Fluorobiphenyl (SUR)
-Acenaphthene-d10
-Dibenzofuran
-Fluorene
-2,4,6-Tribromophenol (SUR
-Phenanthrene-d10
-Carbazole
-Fluoranthene
-Pyrene
-Terphenyl-d14
-Benzo(a)anthracene-d12
-Benzo(b)fluoranthene
-Benzo(a)pyrene
-Perylene-d12
-Benzo(g,h,i)perylene

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d

Date : 09-APR-2008 17:36

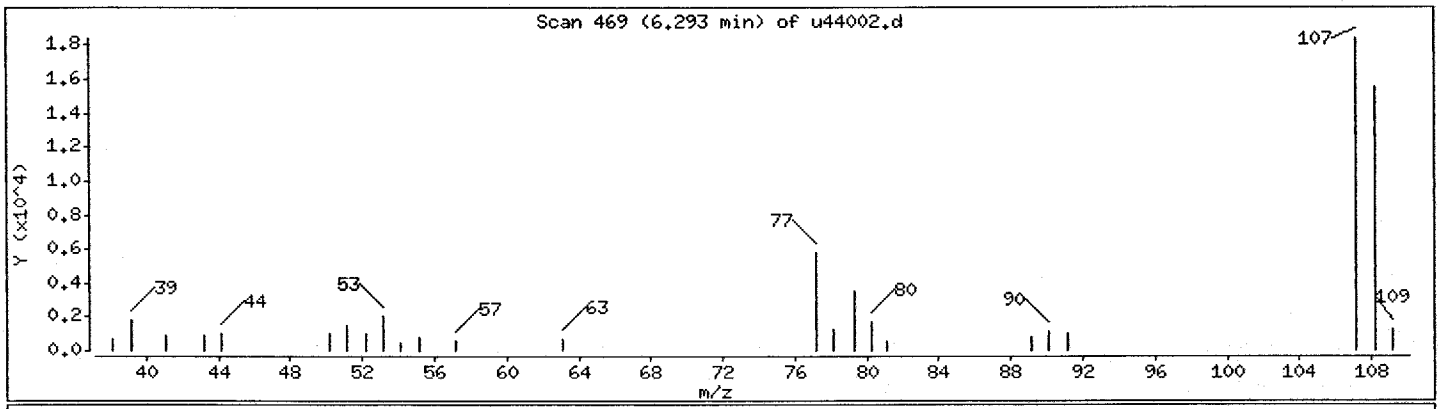
Client ID: 032608-1555 Instrument: BNAMS4.i

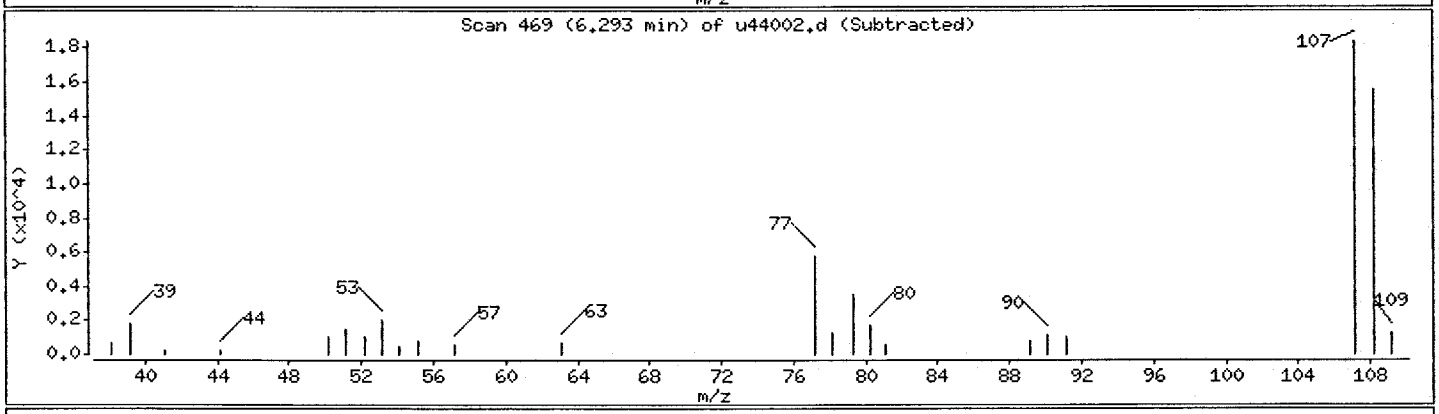
Sample Info: 908709;4225907

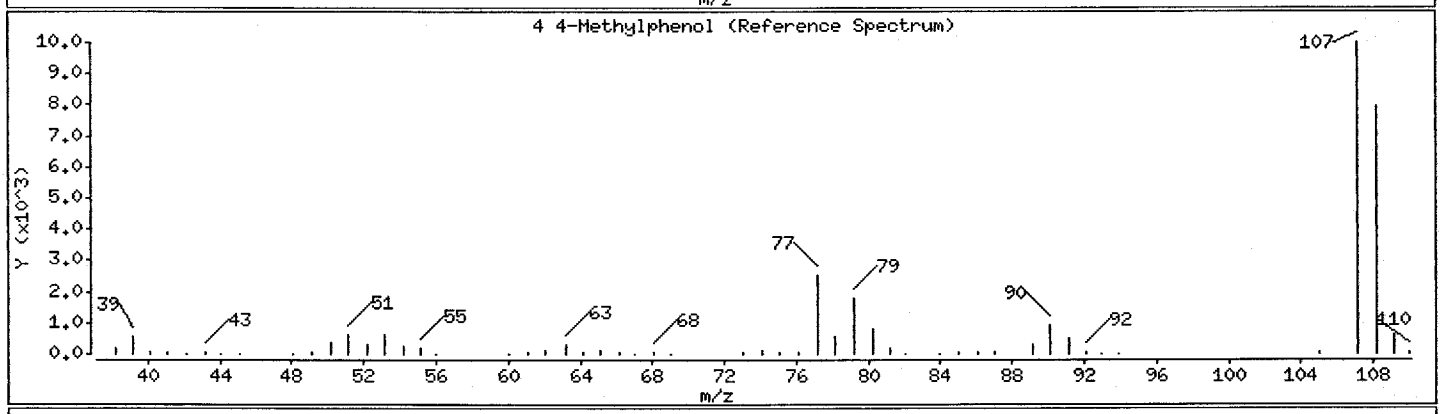
Operator: BNAMS 4

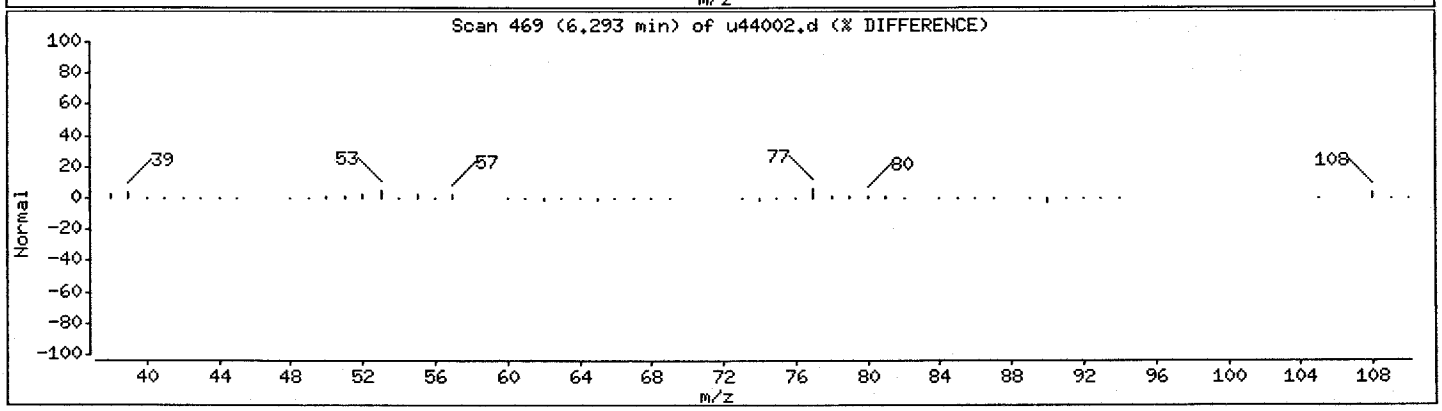
Column phase: DB-5 Column diameter: 0.25

4 4-Methylphenol Concentration: 240 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d

Date : 09-APR-2008 17:36

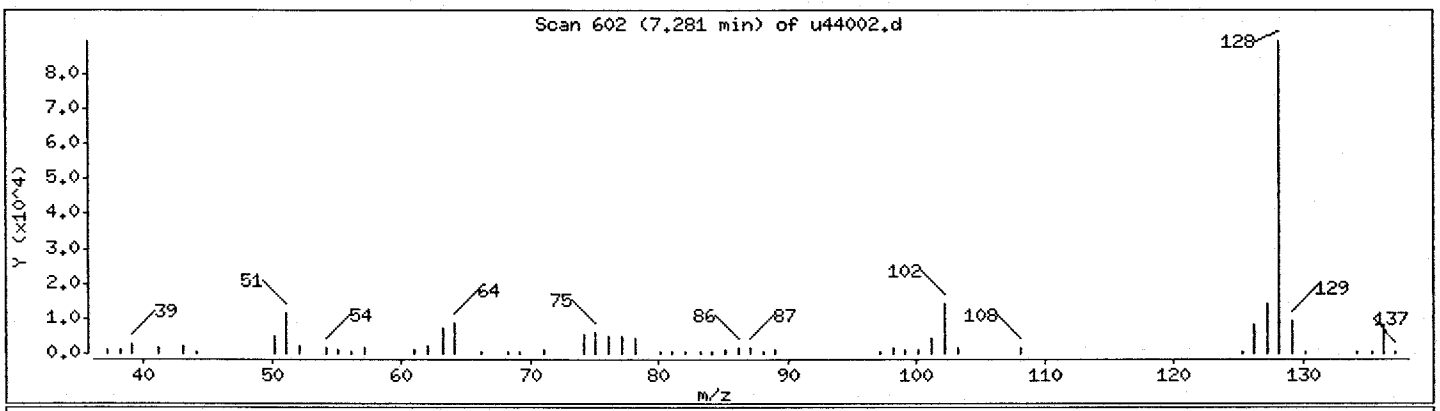
Client ID: 032608-1555 Instrument: BNAMS4.i

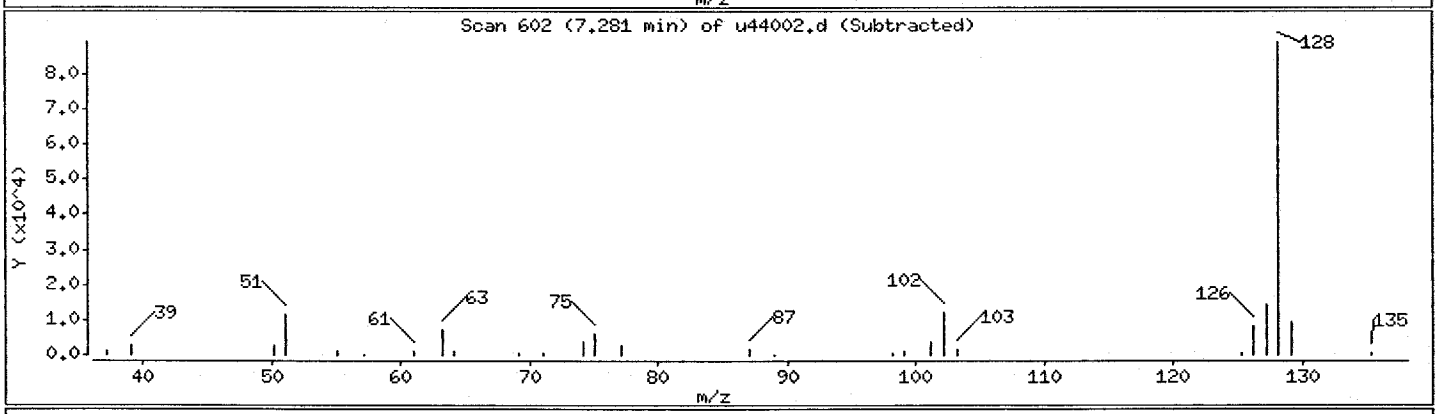
Sample Info: 908709;4225907

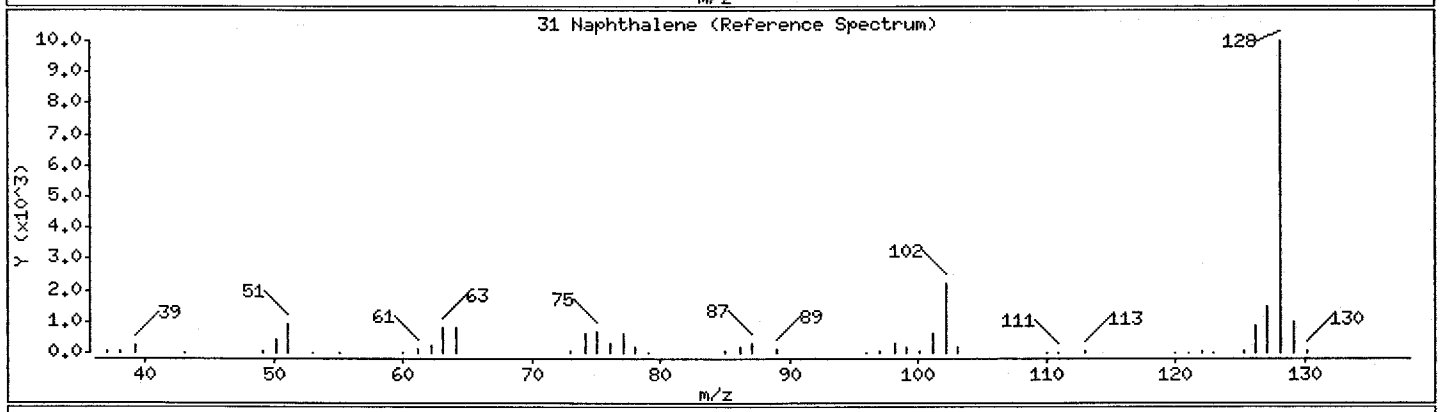
Operator: BNAMS 4

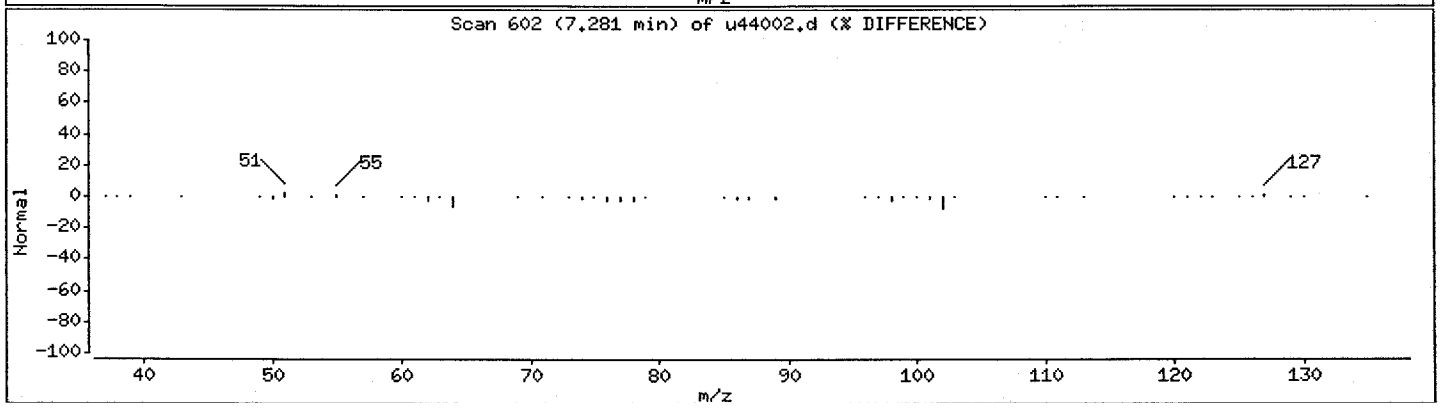
Column phase: DB-5 Column diameter: 0.25

31 Naphthalene Concentration: 880 ug/Kg









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Date : 09-APR-2008 17:36

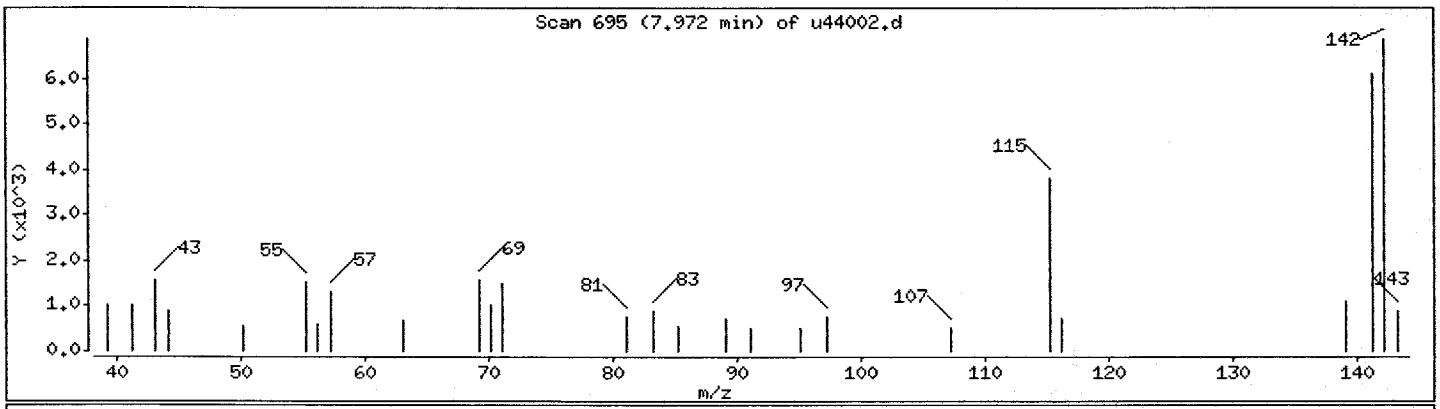
Client ID: 032608-1555 Instrument: BNAMS4.i

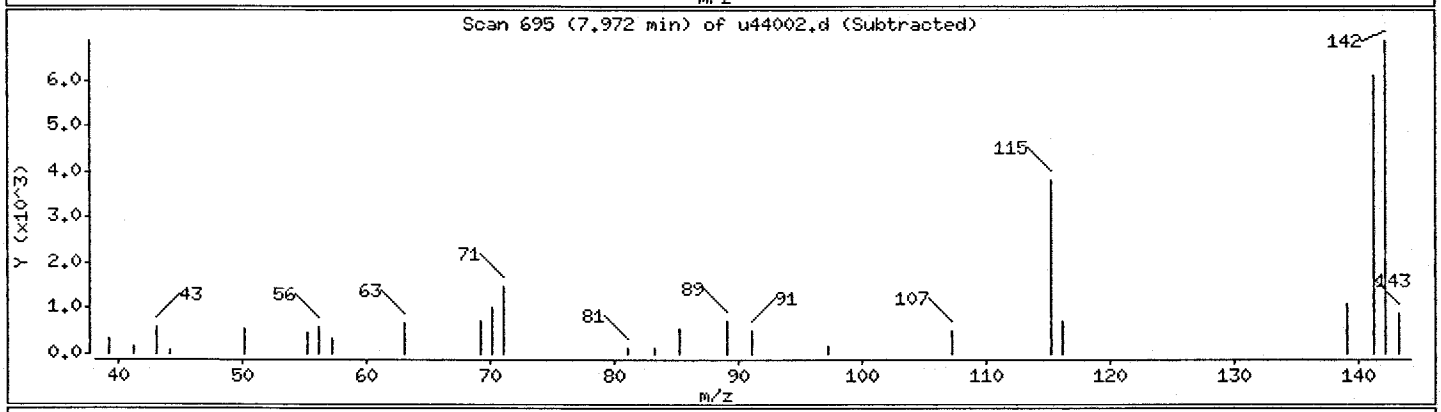
Sample Info: 908709;4225907

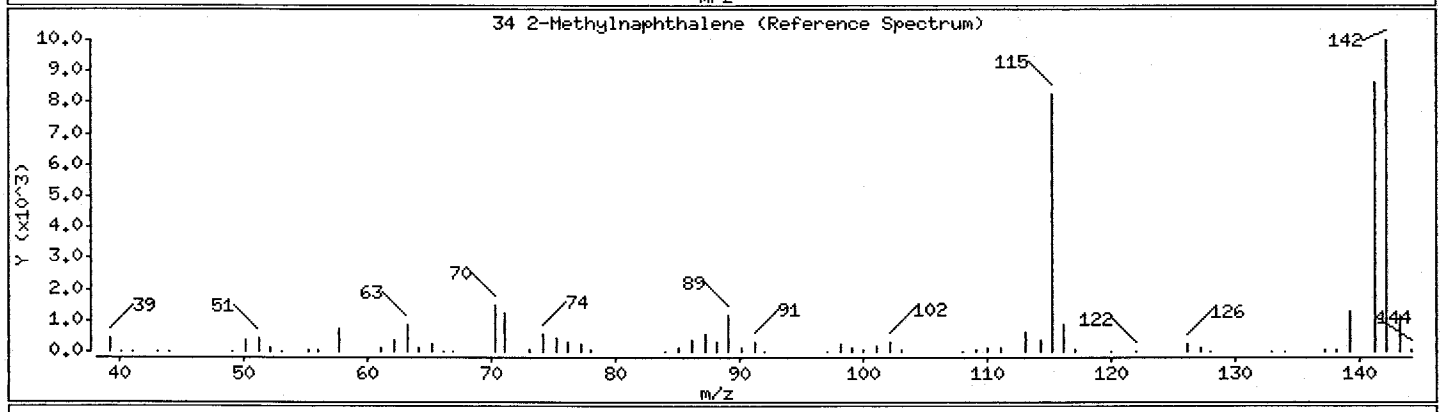
Operator: BNAMS 4

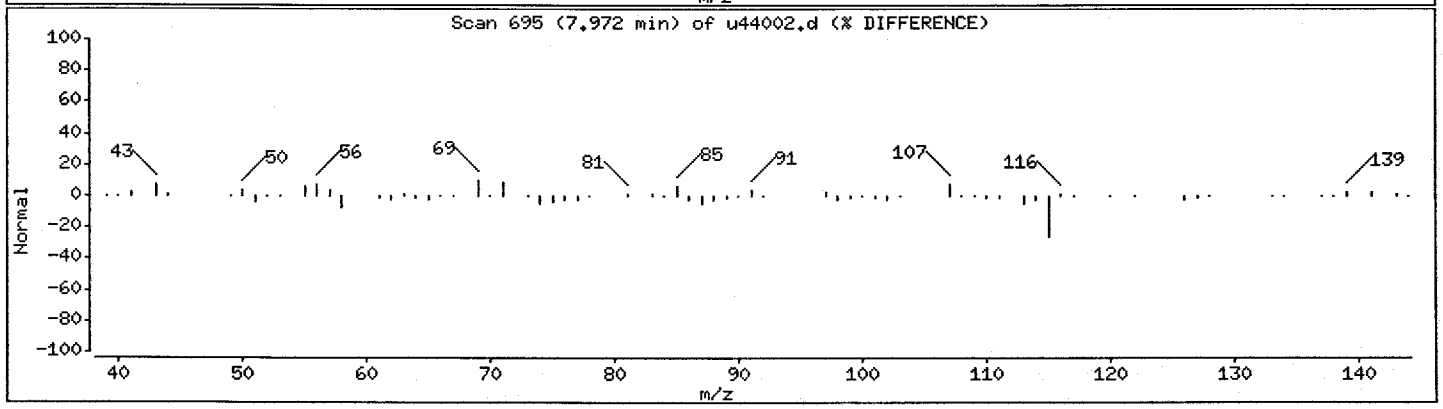
Column phase: DB-5 Column diameter: 0.25

34 2-Methylnaphthalene Concentration: 87 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d

Date : 09-APR-2008 17:36

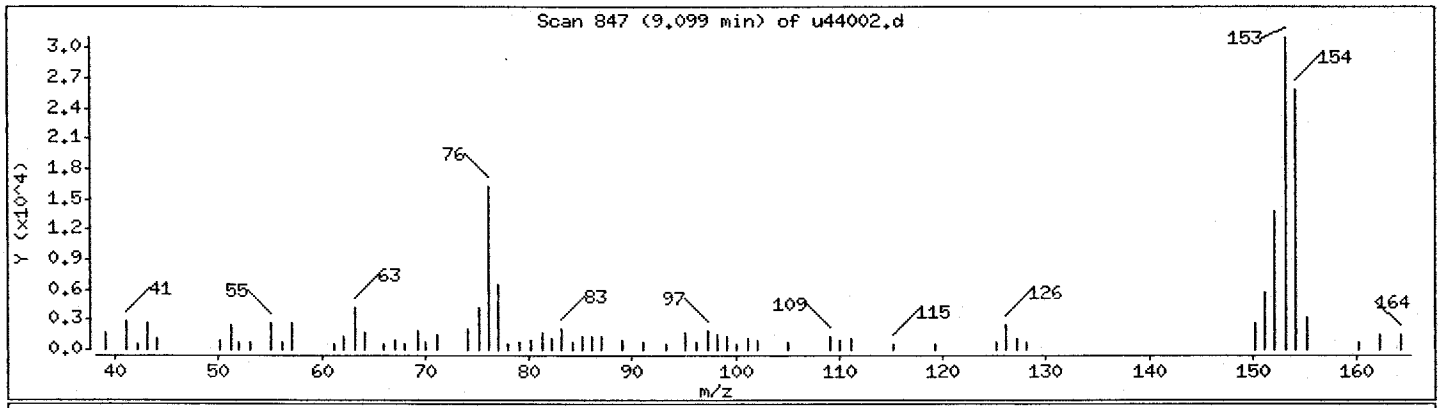
Client ID: 032608-1555 Instrument: BNAMS4.i

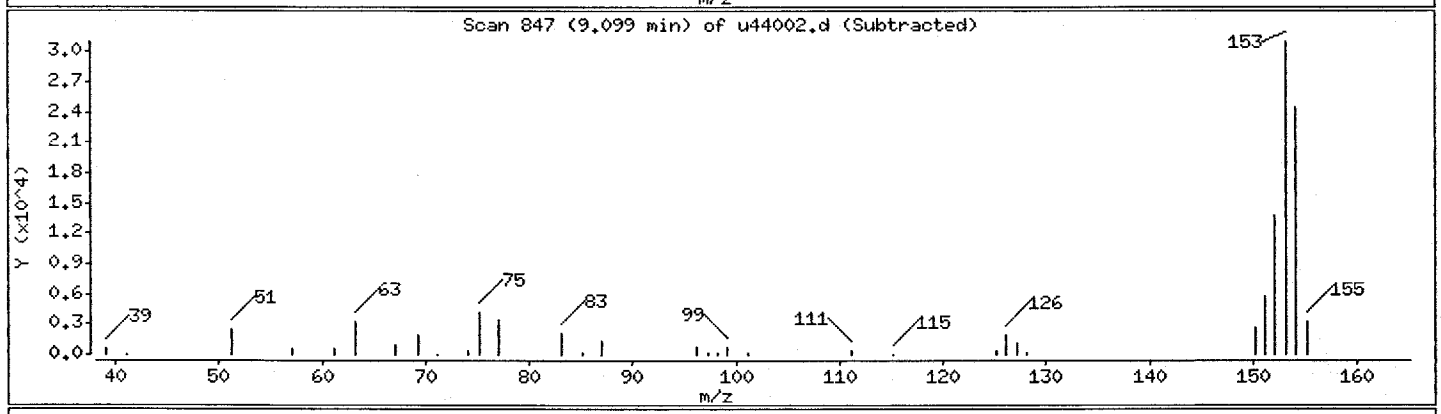
Sample Info: 908709;4225907

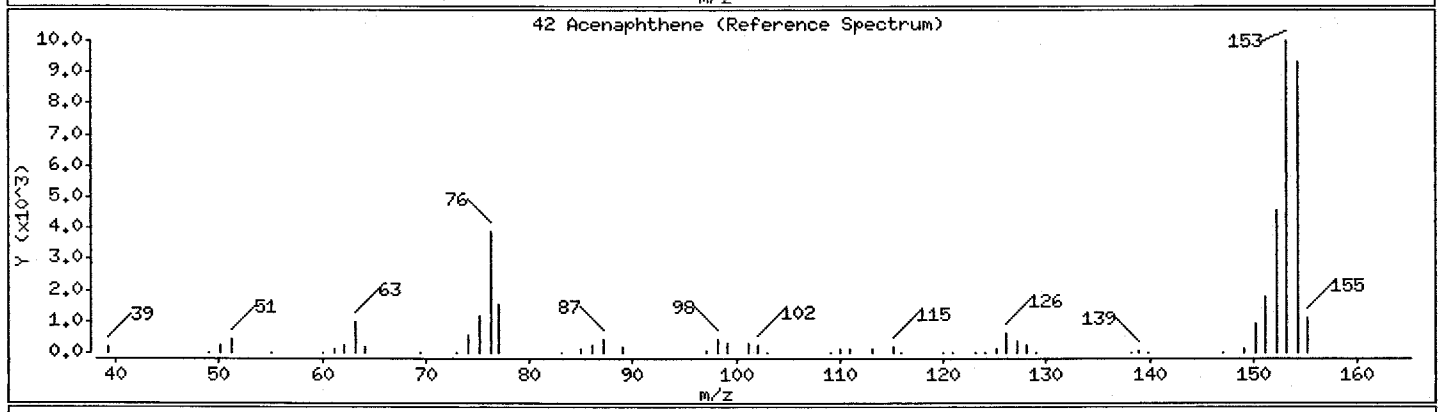
Operator: BNAMS 4

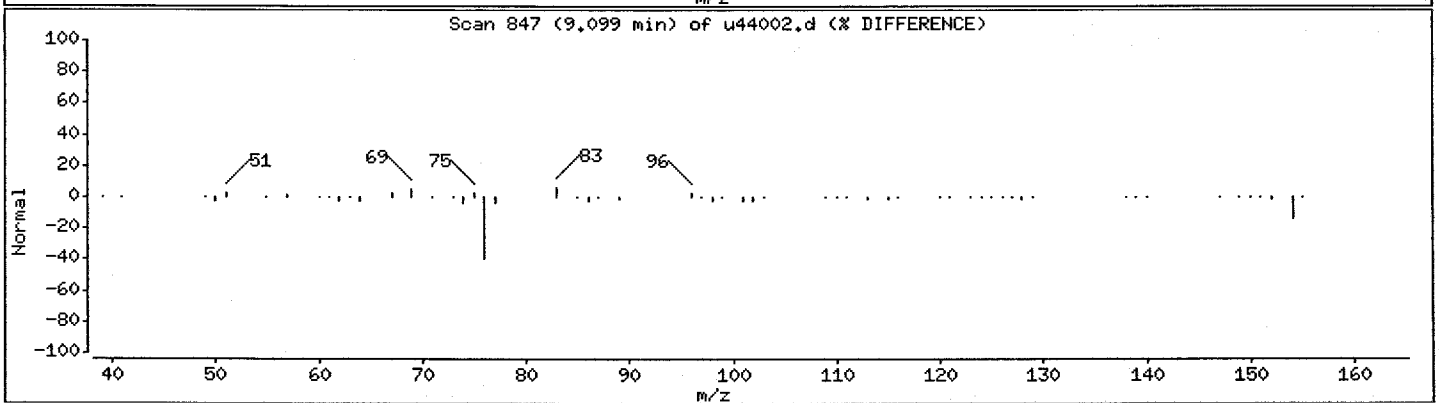
Column phase: DB-5 Column diameter: 0.25

42 Acenaphthene Concentration: 340 ug/Kg









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Date : 09-APR-2008 17:36

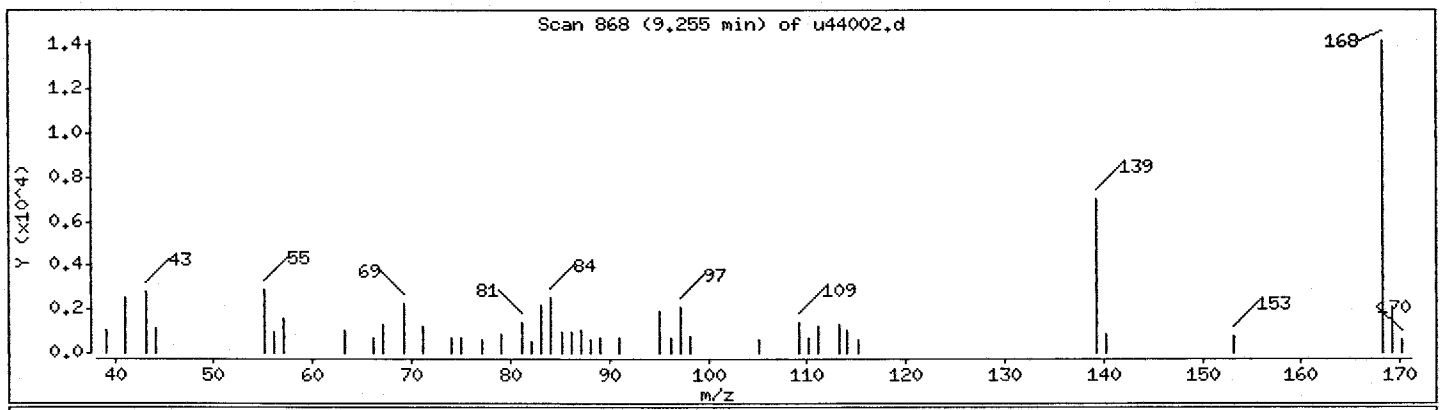
Client ID: 032608-1555 Instrument: BNAMS4.i

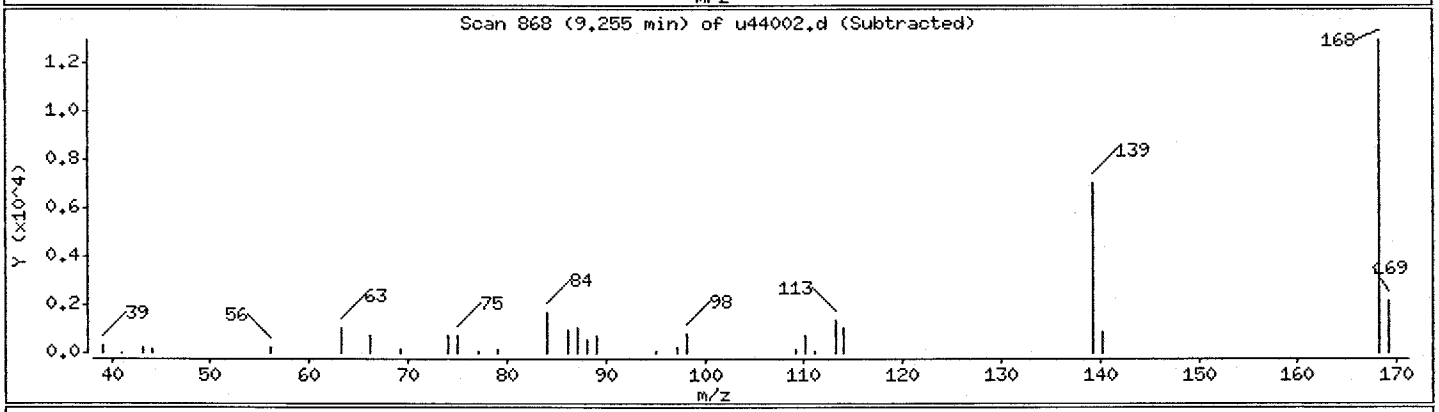
Sample Info: 908709;4225907

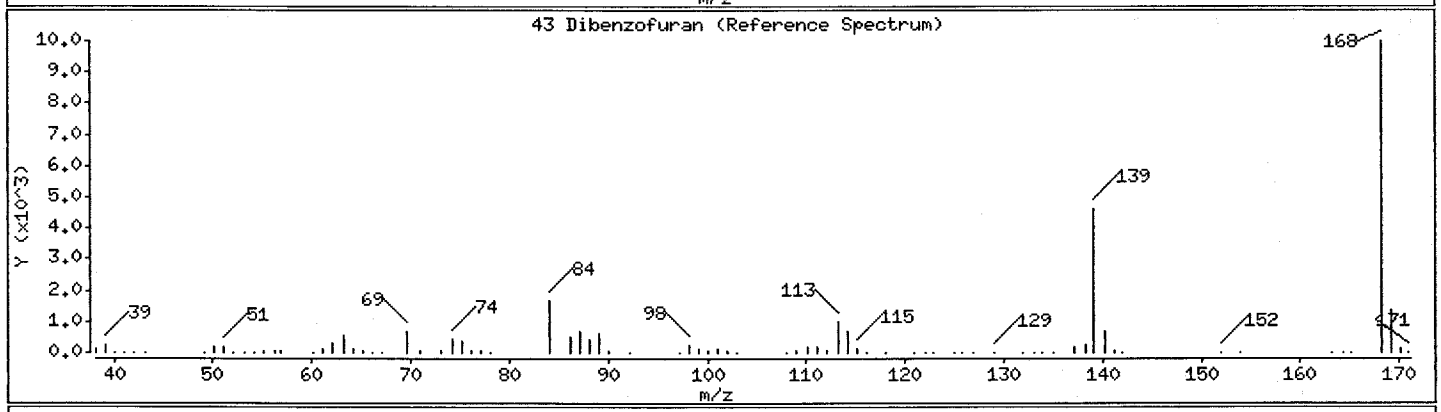
Operator: BNAMS 4

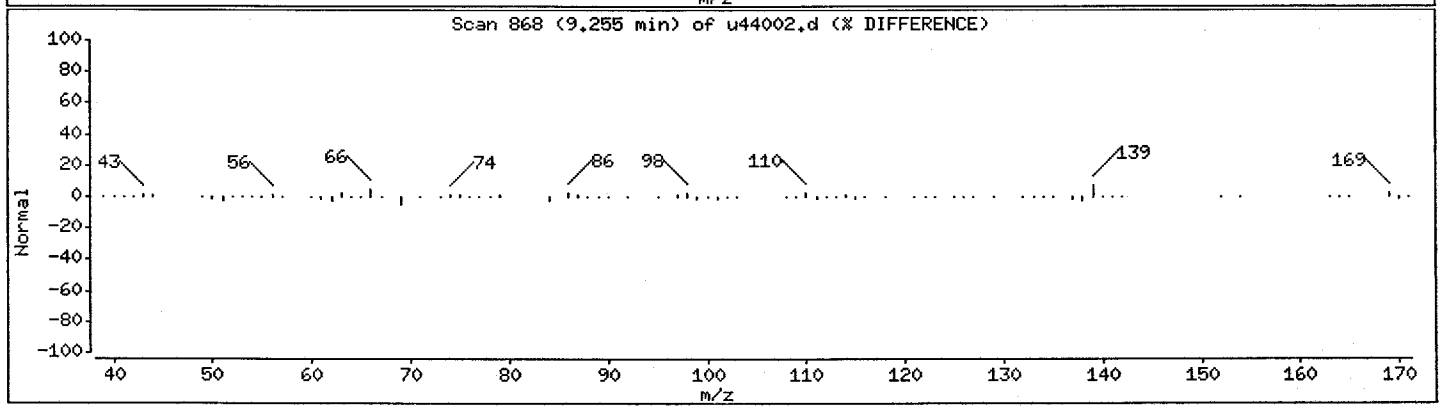
Column phase: DB-5 Column diameter: 0.25

43 Dibenzofuran Concentration: 140 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d

Date : 09-APR-2008 17:36

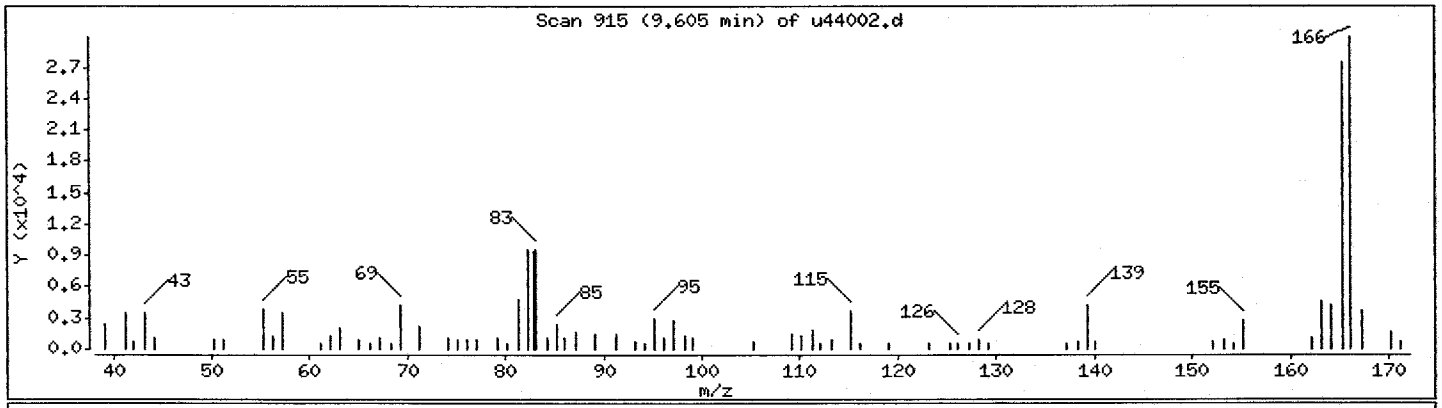
Client ID: 032608-1555 Instrument: BNAMS4.i

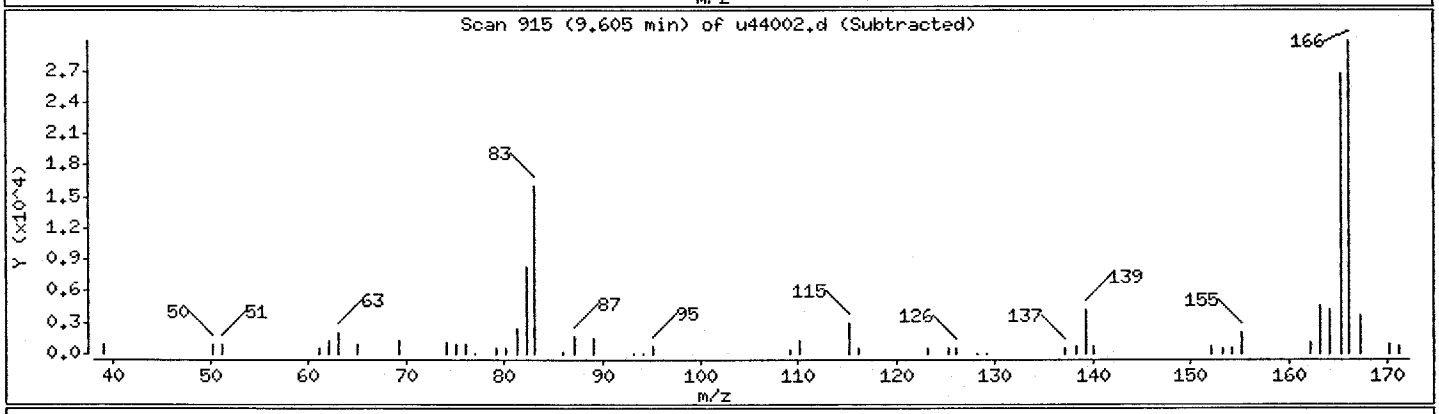
Sample Info: 908709;4225907

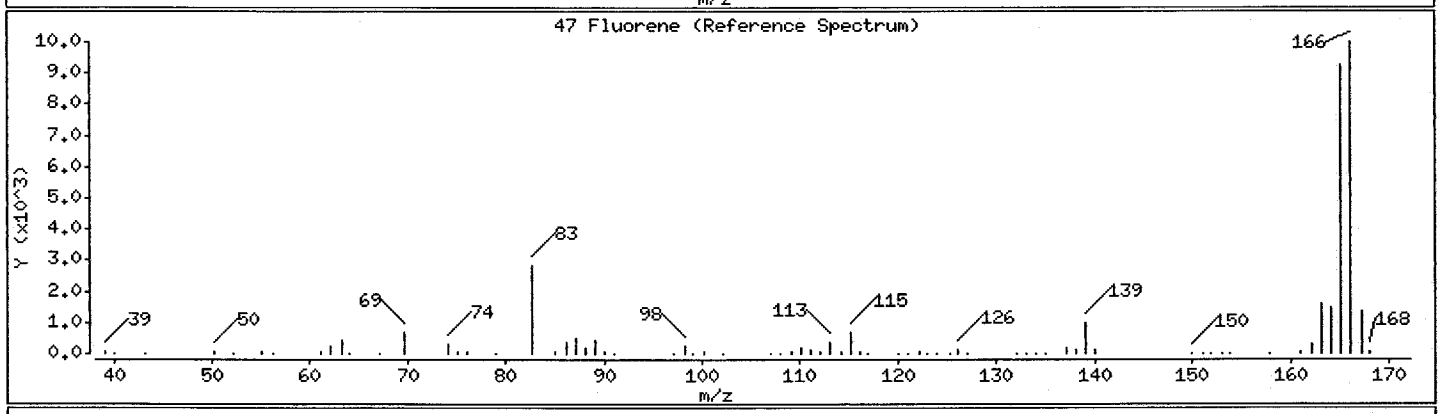
Operator: BNAMS 4

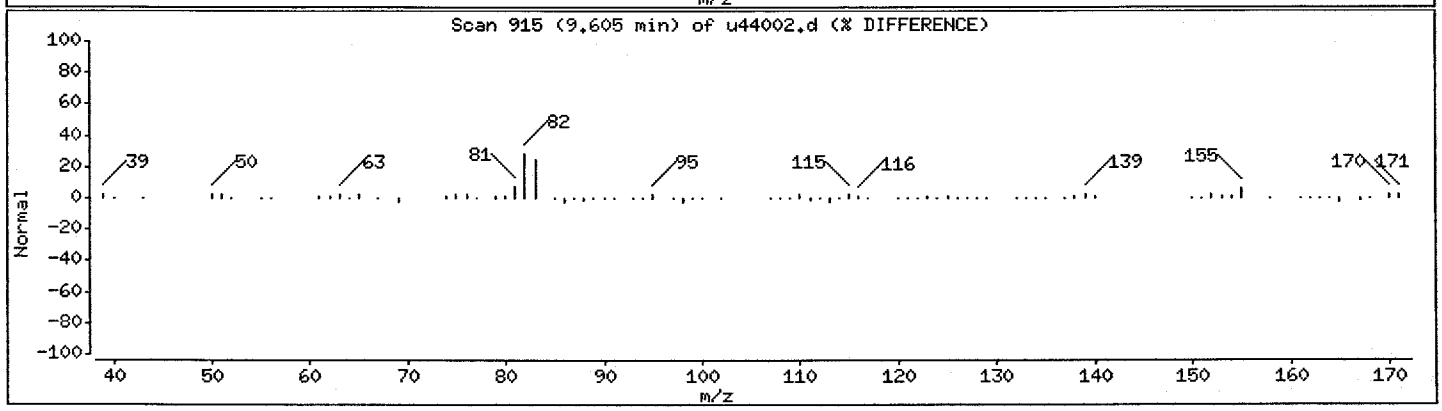
Column phase: DB-5 Column diameter: 0.25

47 Fluorene Concentration: 340 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d

Date : 09-APR-2008 17:36

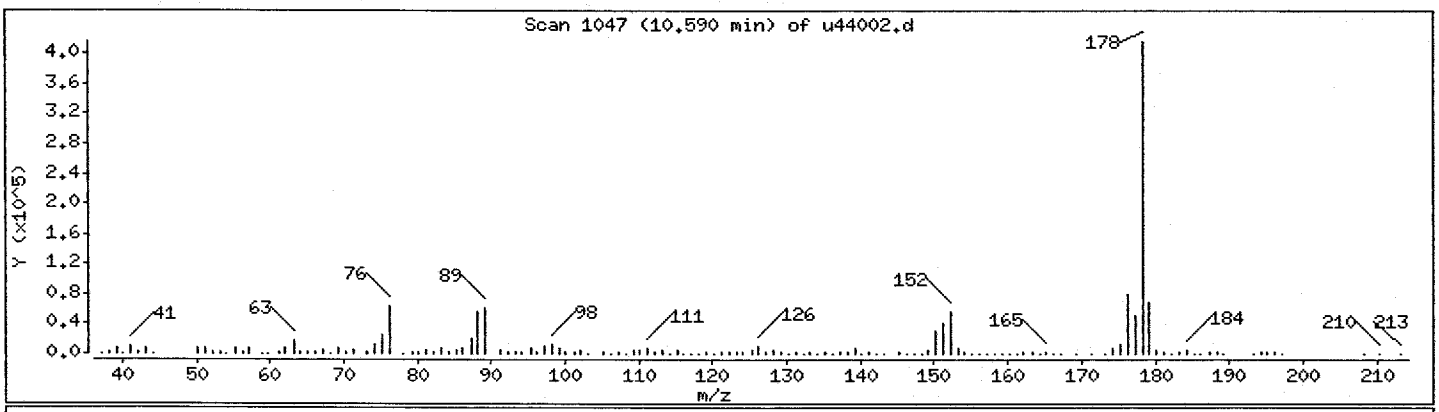
Client ID: 032608-1555 Instrument: BNAMS4.i

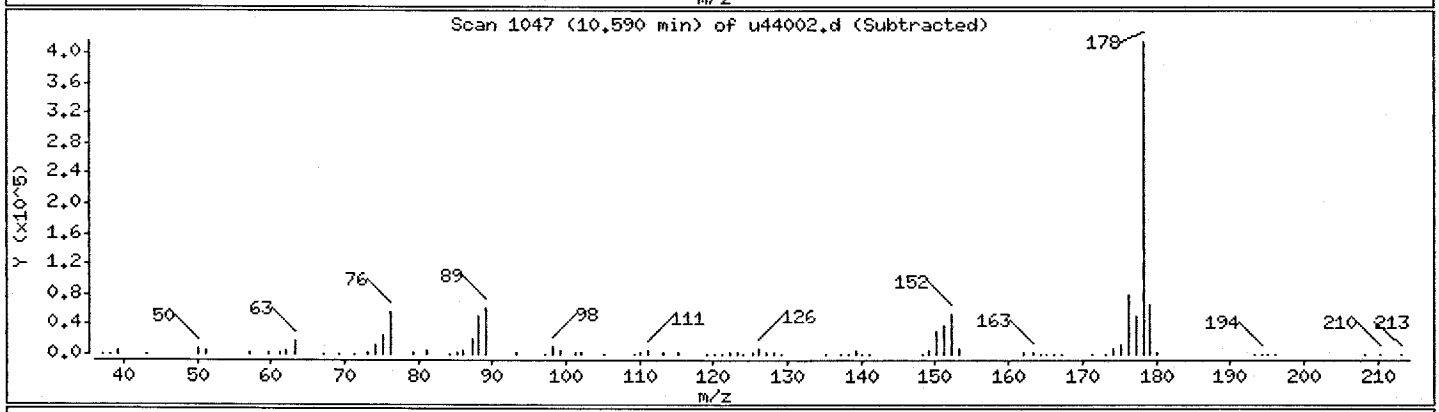
Sample Info: 908709;4225907

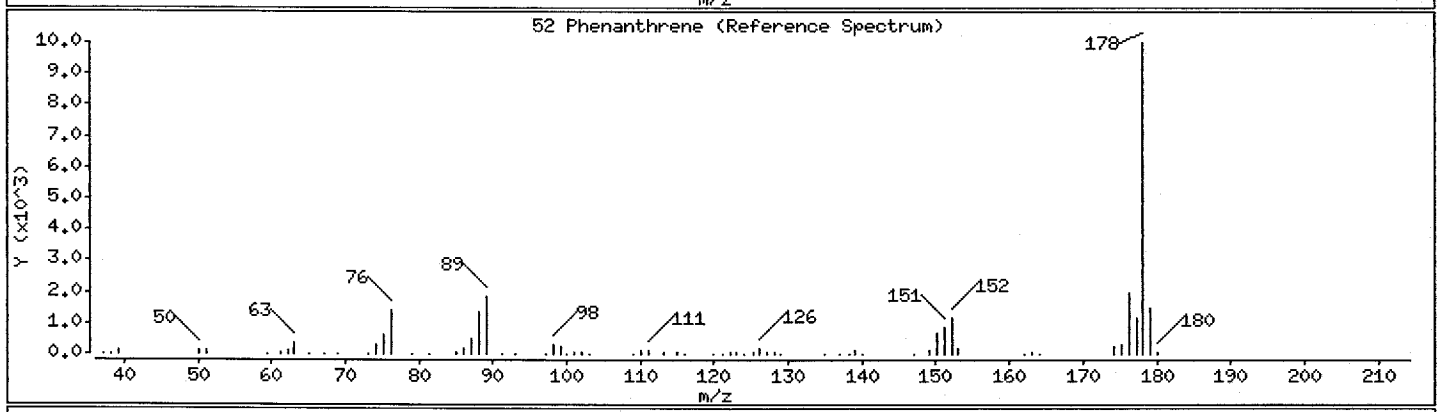
Operator: BNAMS 4

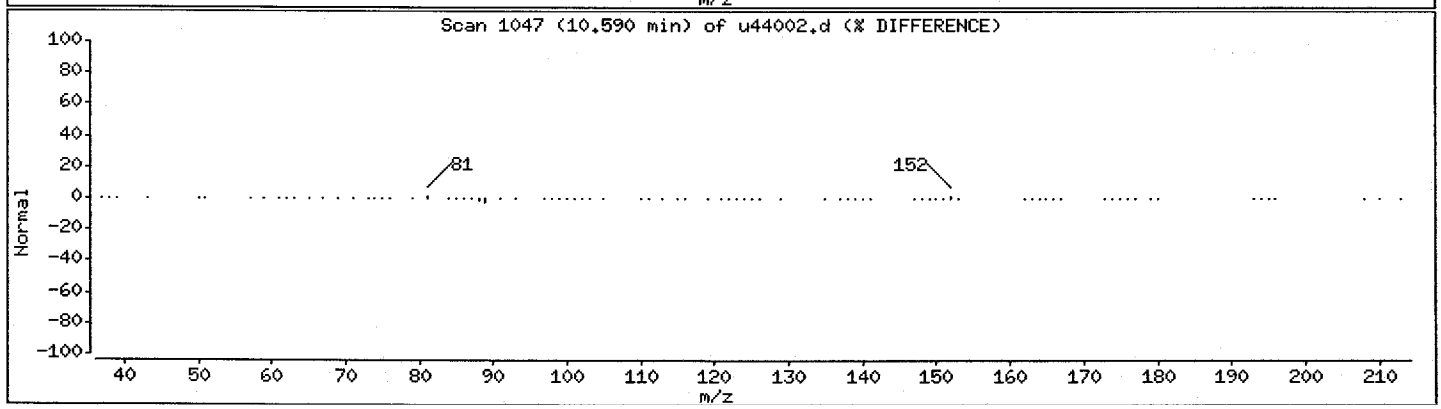
Column phase: DB-5 Column diameter: 0.25

52 Phenanthrene Concentration: 3900 ug/Kg









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Date : 09-APR-2008 17:36

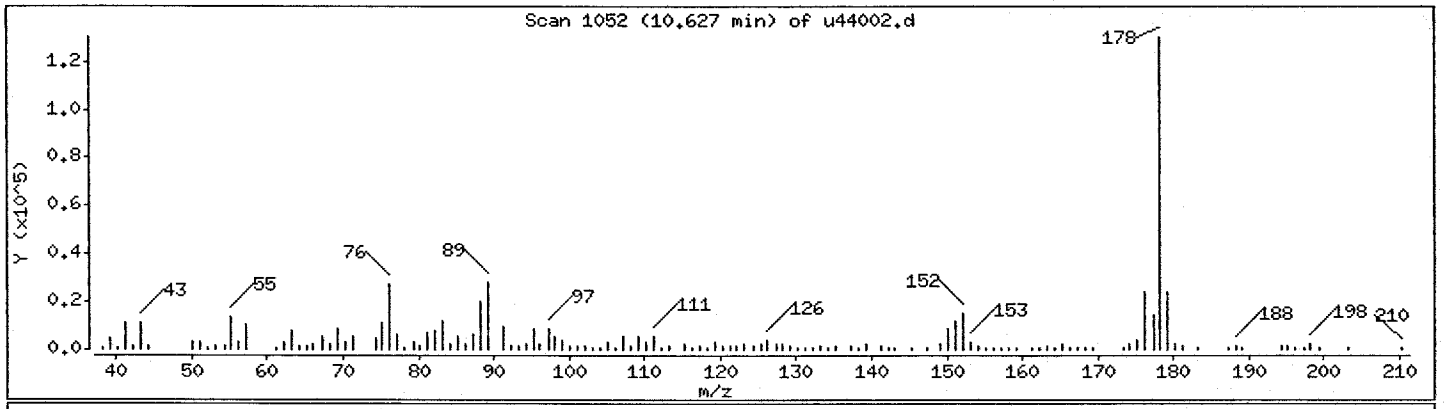
Client ID: 032608-1555 Instrument: BNAMS4.i

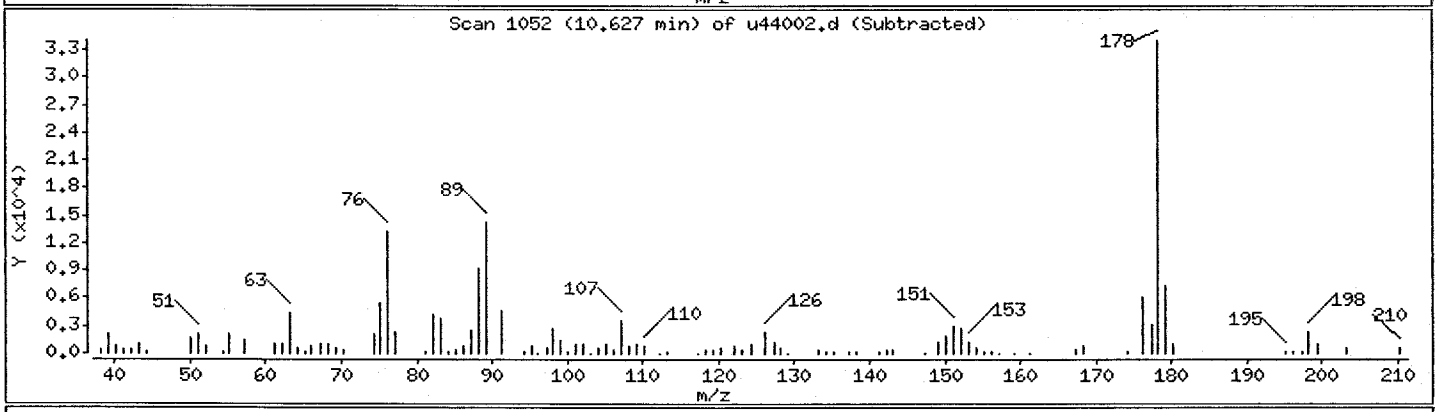
Sample Info: 908709;4225907

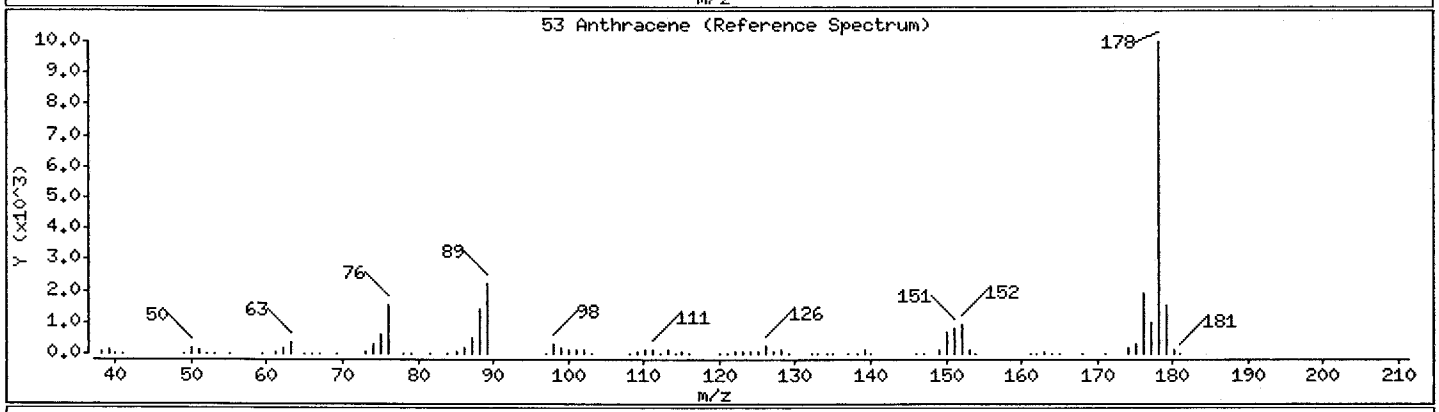
Operator: BNAMS 4

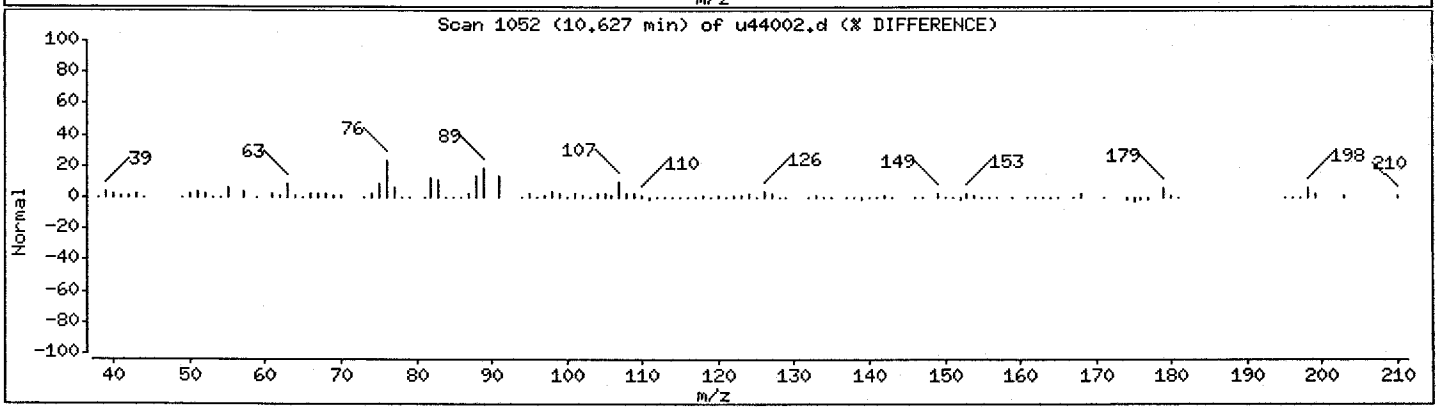
Column phase: DB-5 Column diameter: 0.25

53 Anthracene Concentration: 1200 ug/Kg









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Date : 09-APR-2008 17:36

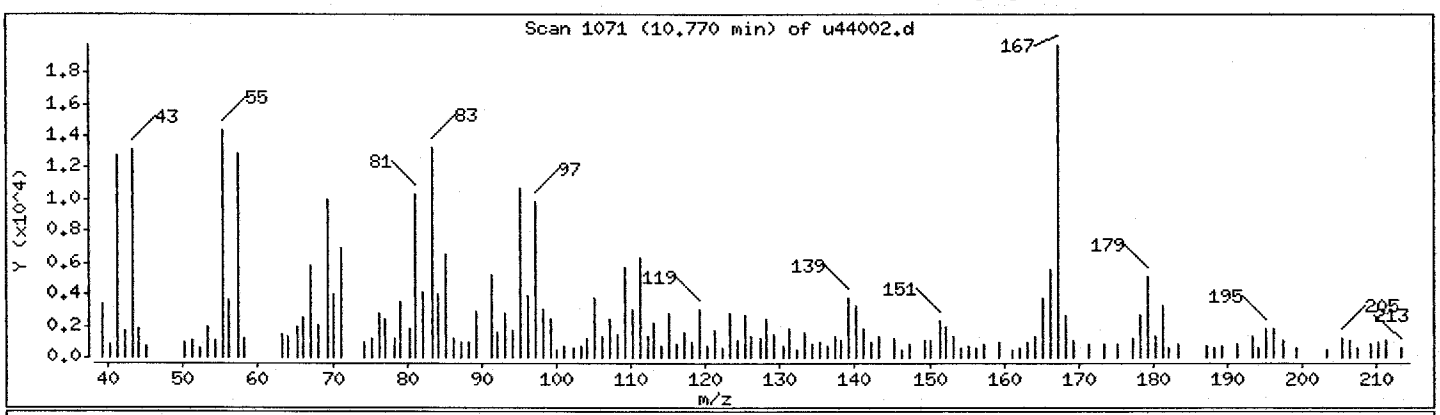
Client ID: 032608-1555 Instrument: BNAMS4.i

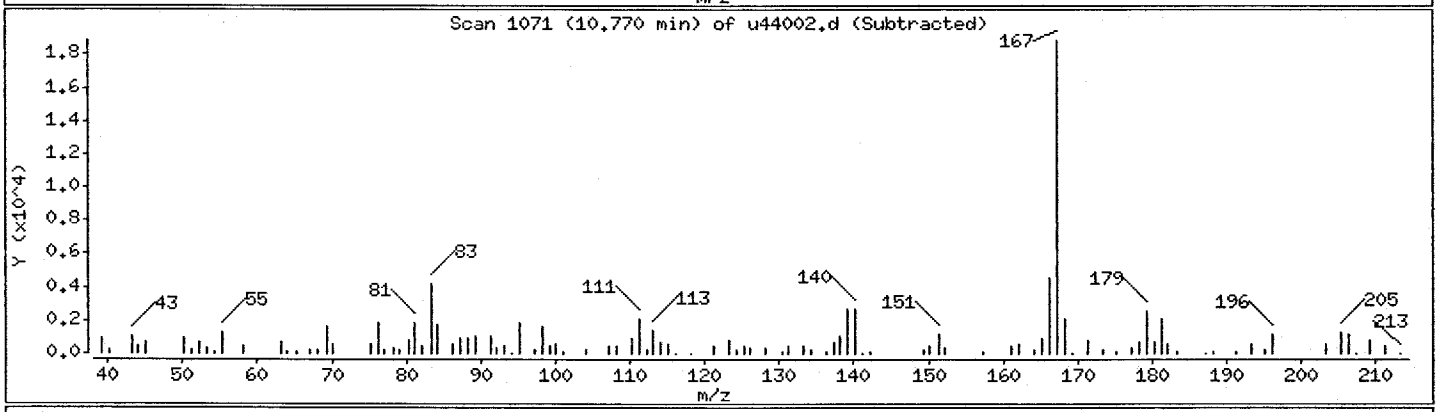
Sample Info: 908709;4225907

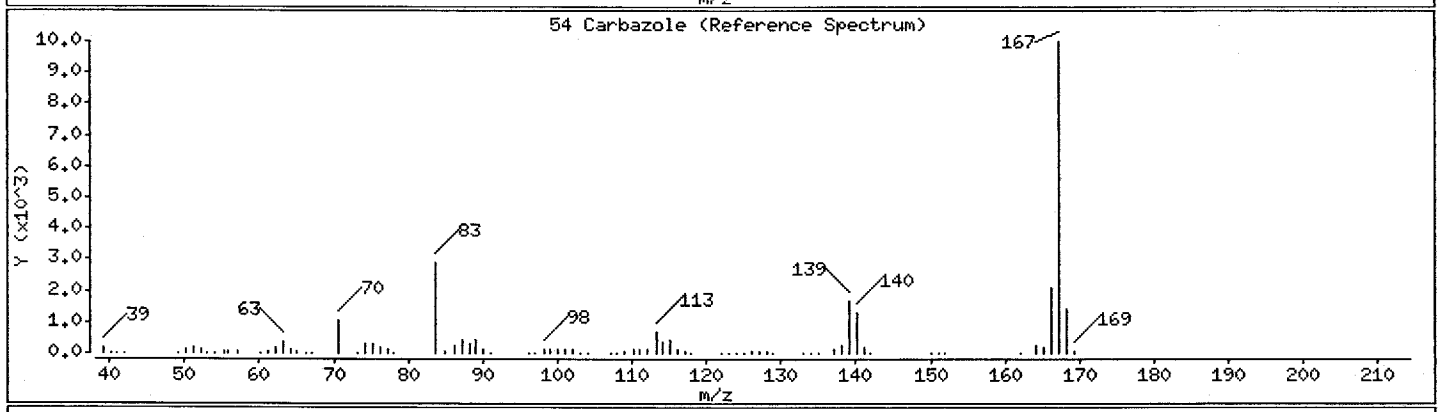
Operator: BNAMS 4

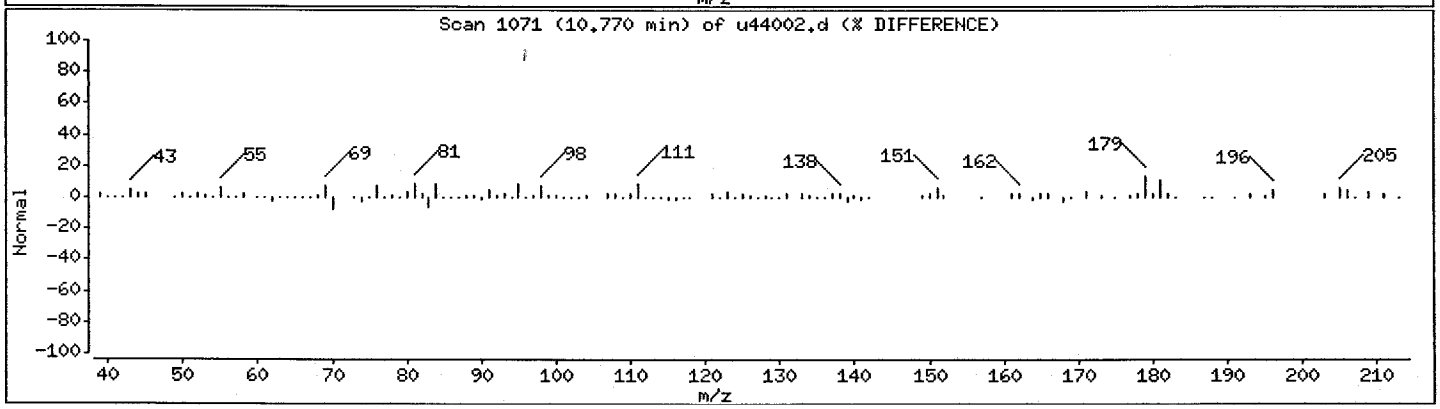
Column phase: DB-5 Column diameter: 0.25

54 Carbazole Concentration: 200 ug/Kg









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Date : 09-APR-2008 17:36

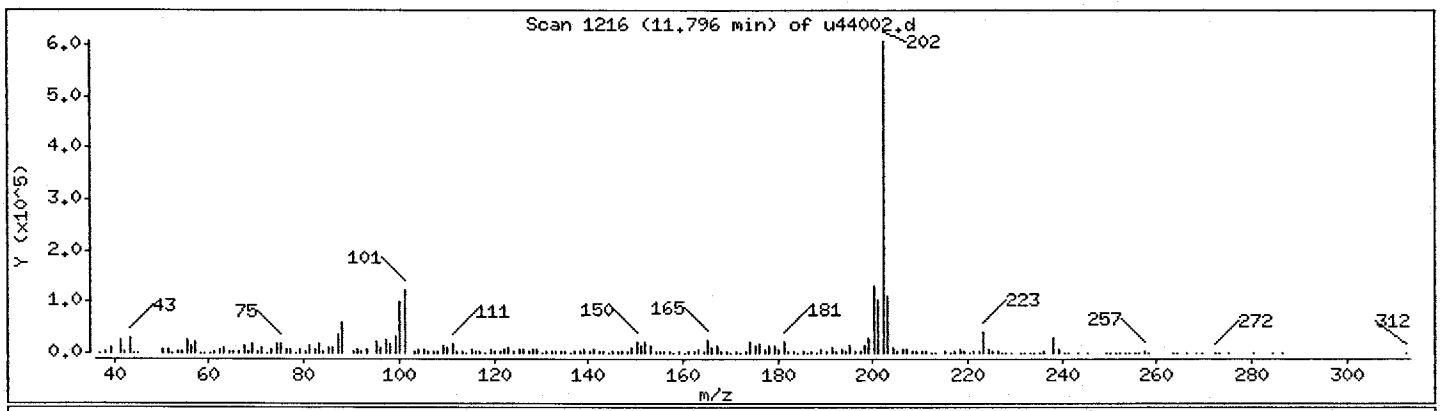
Client ID: 032608-1555 Instrument: BNAMS4.i

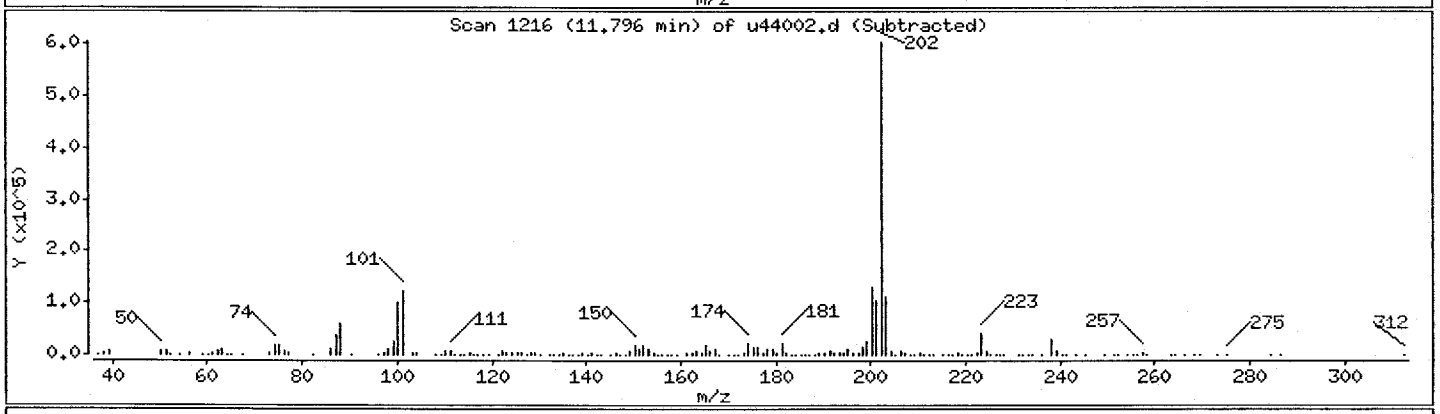
Sample Info: 908709;4225907

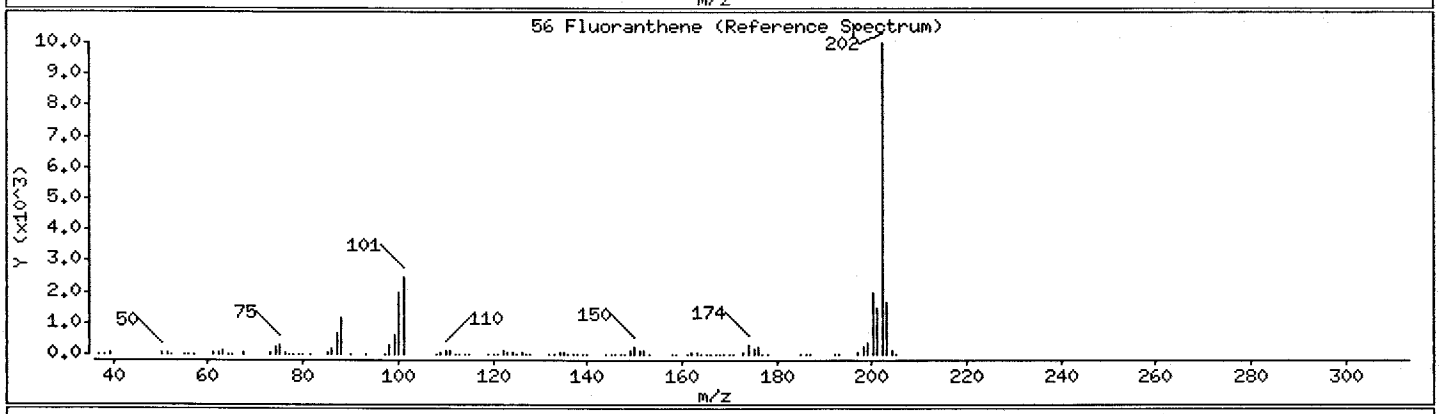
Operator: BNAMS 4

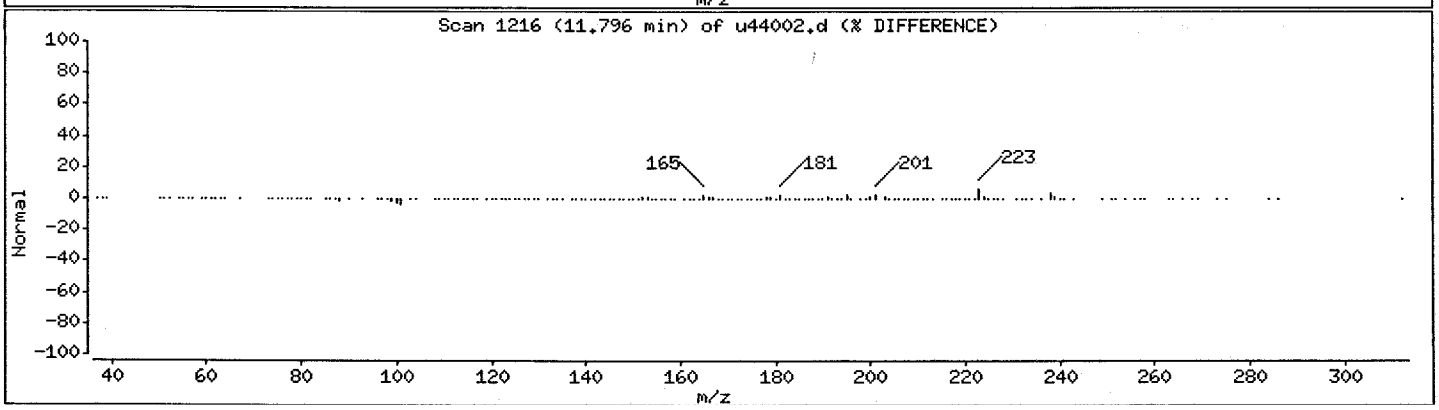
Column phase: DB-5 Column diameter: 0.25

56 Fluoranthene Concentration: 5300 ug/Kg









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Date : 09-APR-2008 17:36

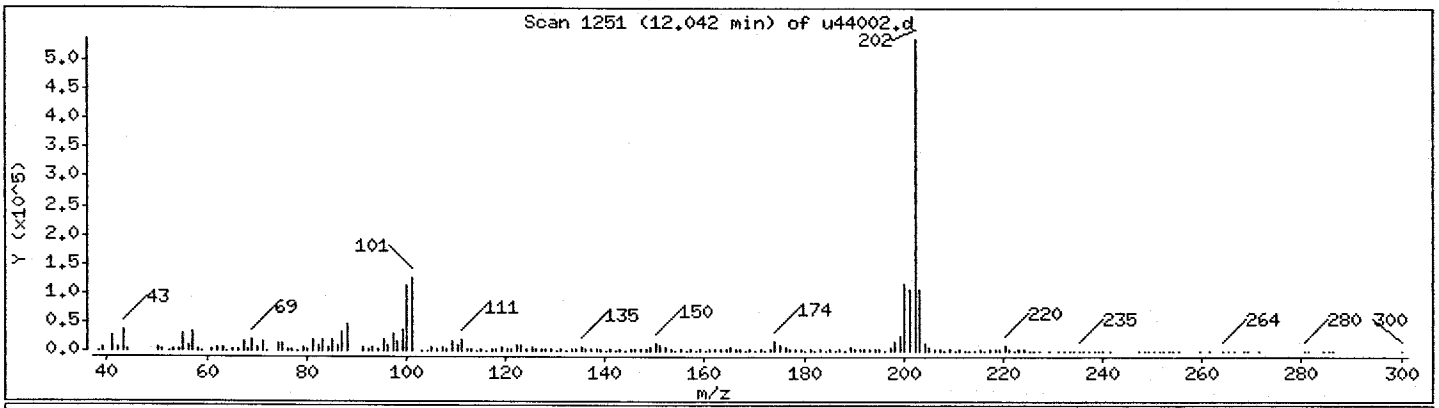
Client ID: 032608-1555 Instrument: BNAMS4.i

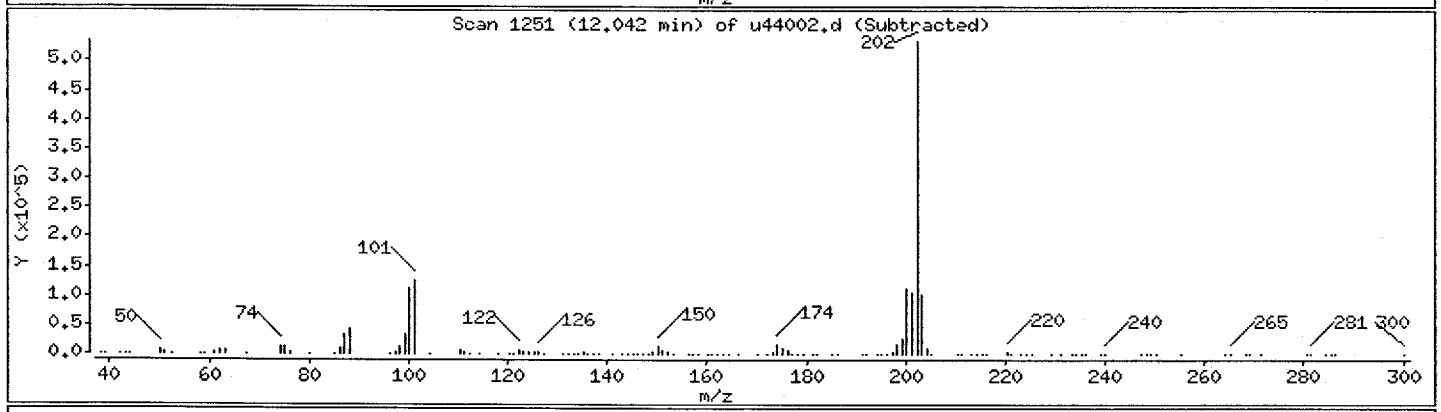
Sample Info: 908709;4225907

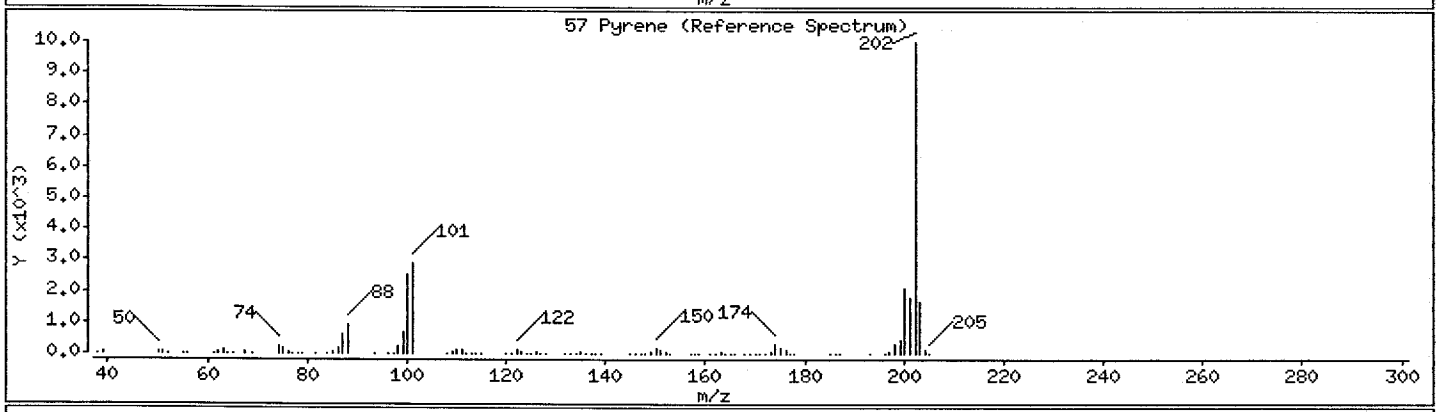
Operator: BNAMS 4

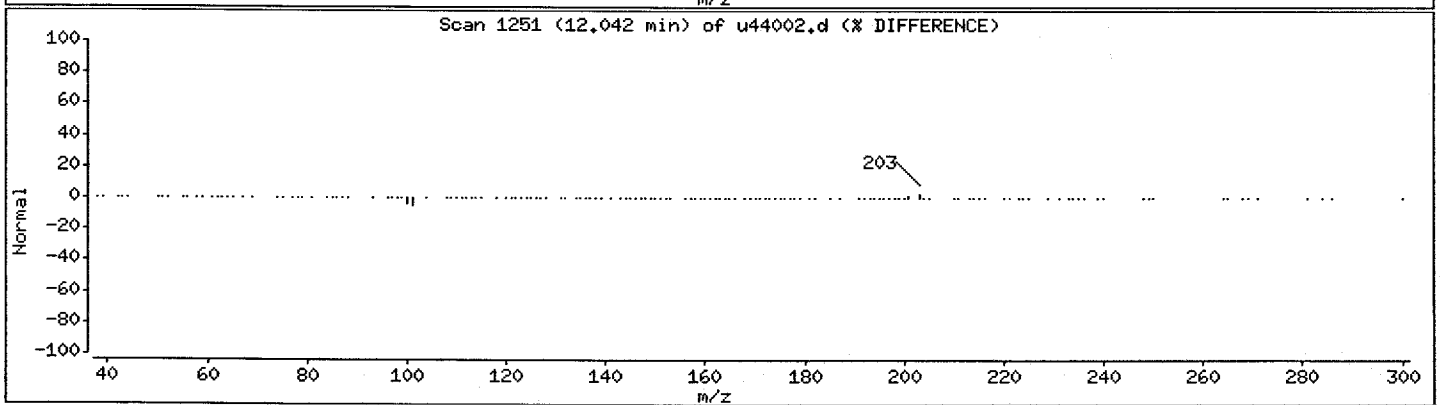
Column phase: DB-5 Column diameter: 0.25

57 Pyrene Concentration: 5500 ug/Kg









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Date : 09-APR-2008 17:36

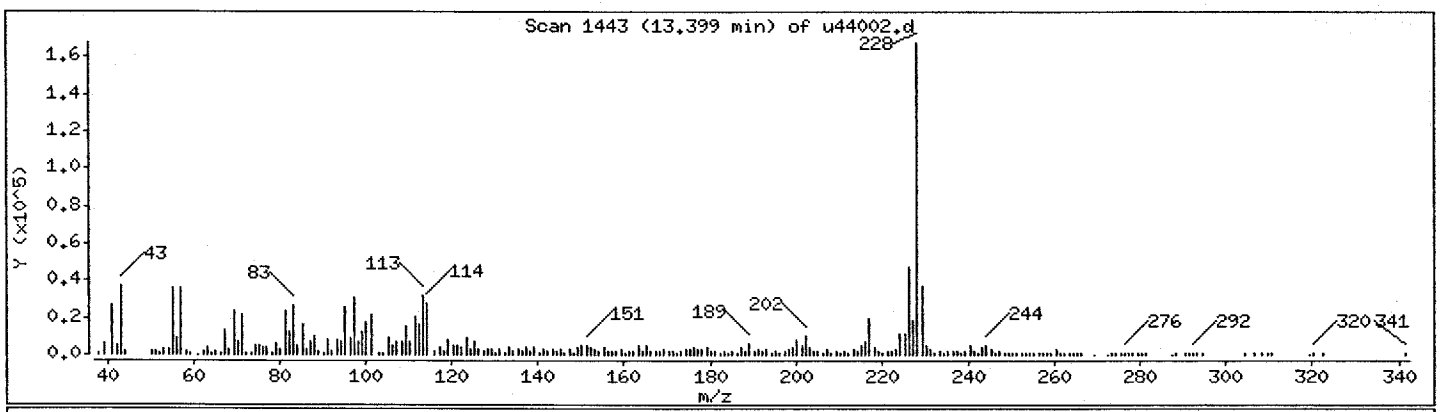
Client ID: 032608-1555 Instrument: BNAMS4.i

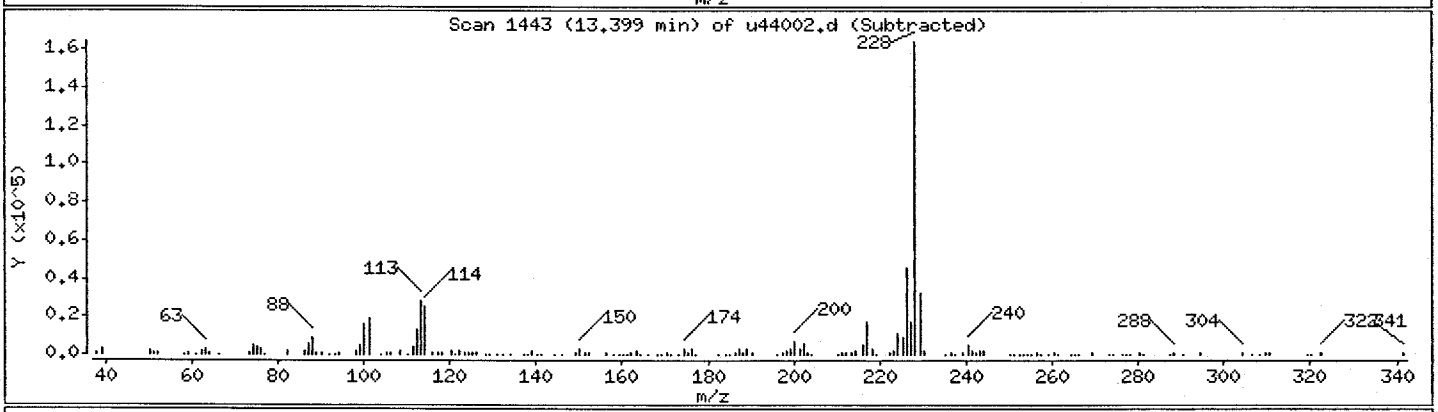
Sample Info: 908709;4225907

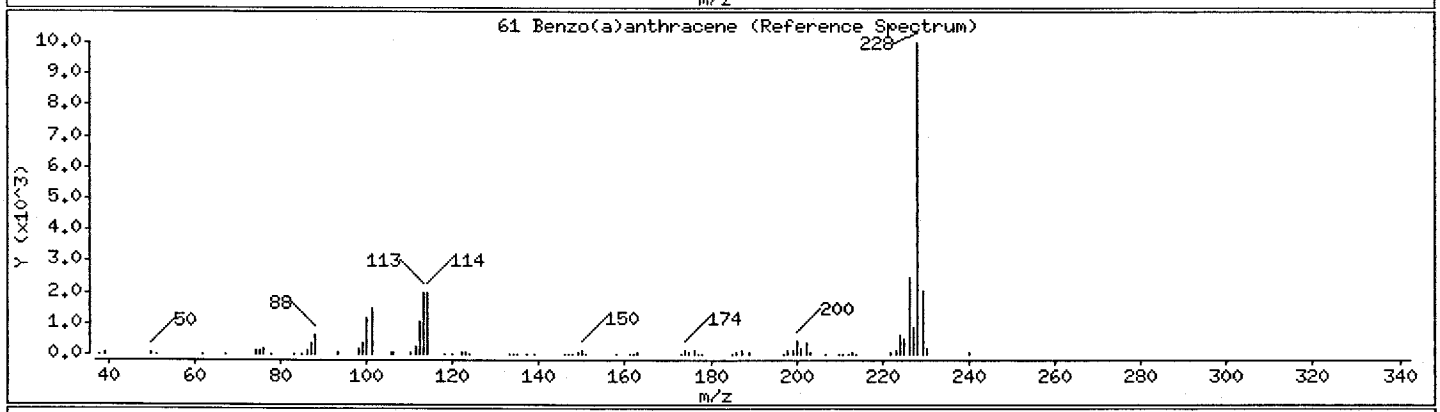
Operator: BNAMS 4

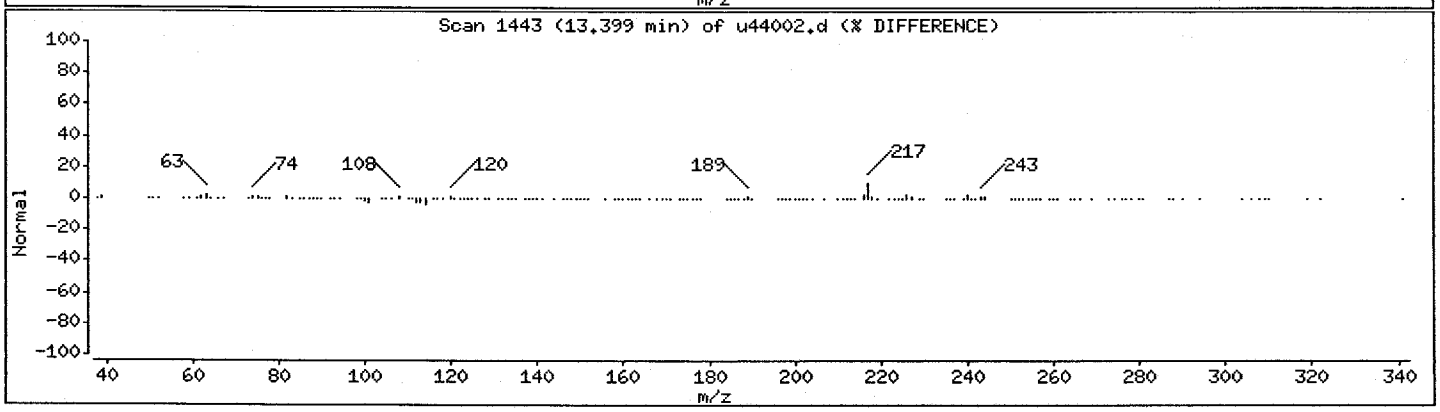
Column phase: DB-5 Column diameter: 0.25

61 Benzo(a)anthracene Concentration: 2400 ug/Kg









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Date : 09-APR-2008 17:36

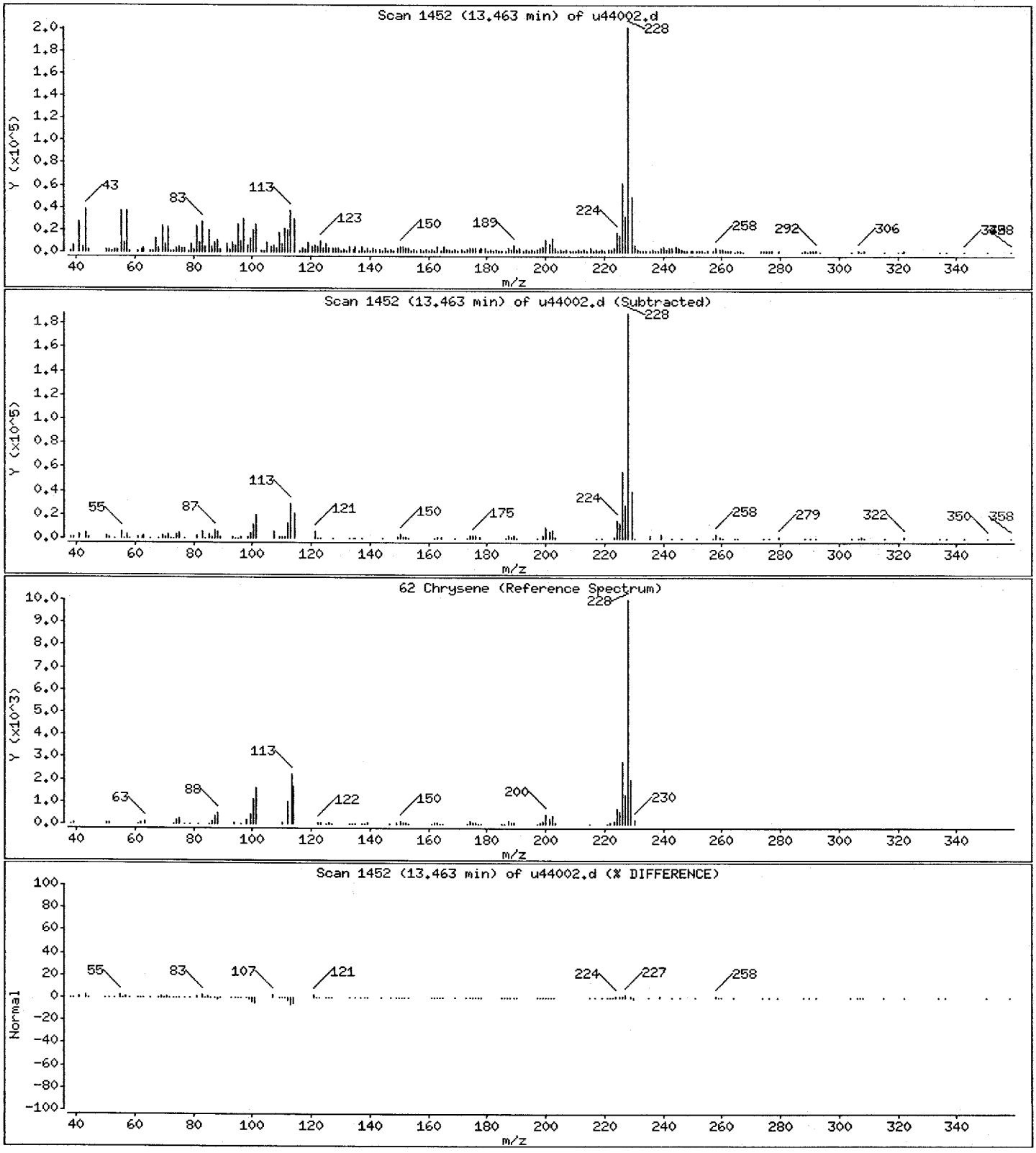
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

62 Chrysene Concentration: 2400 ug/Kg



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Date : 09-APR-2008 17:36

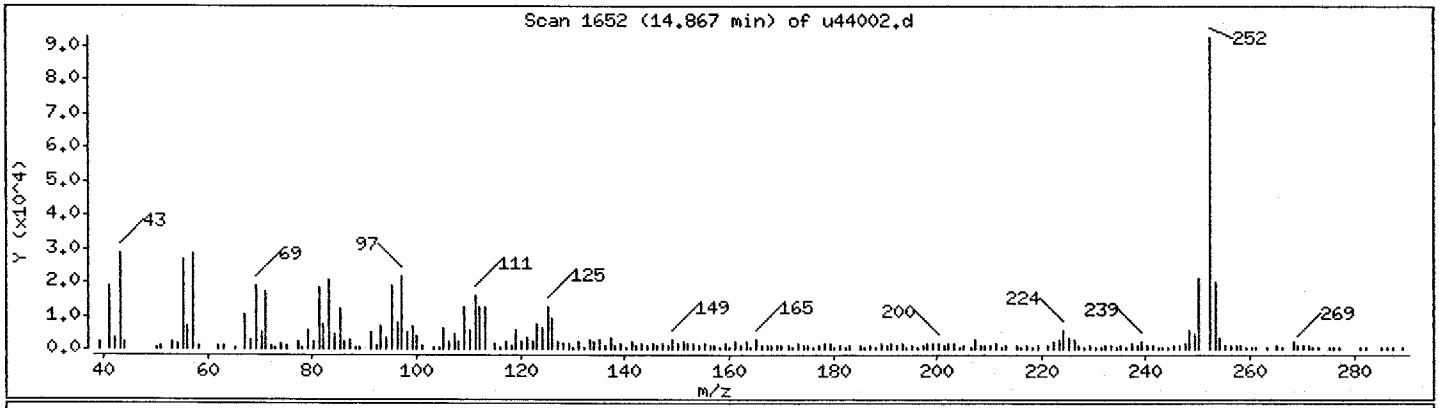
Client ID: 032608-1555 Instrument: BNAMS4.i

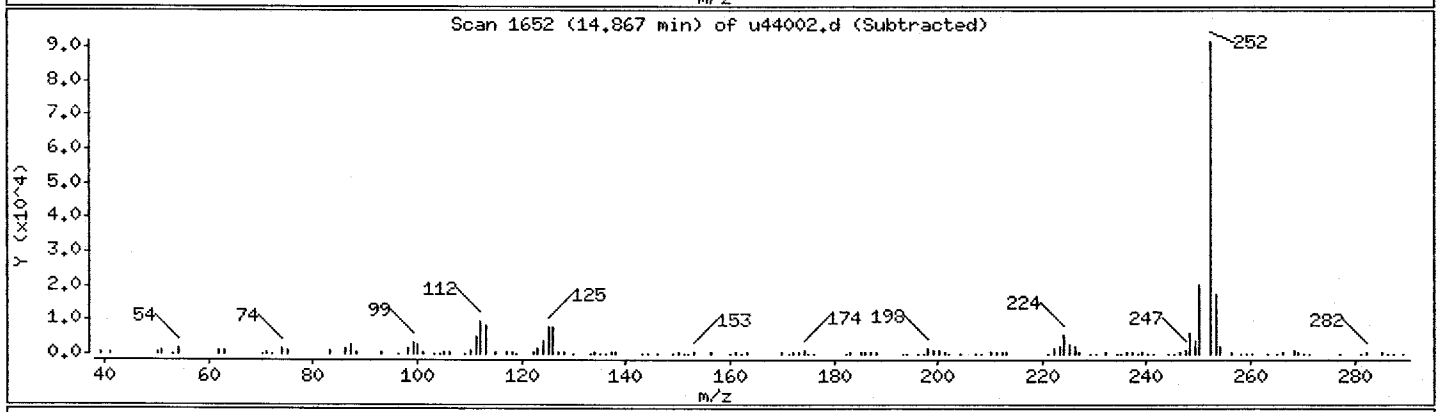
Sample Info: 908709;4225907

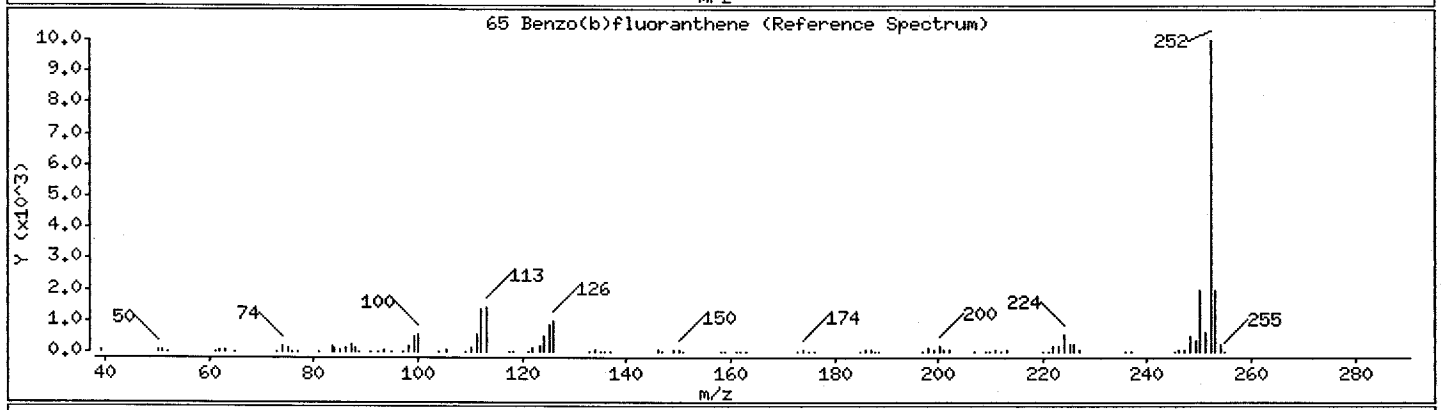
Operator: BNAMS 4

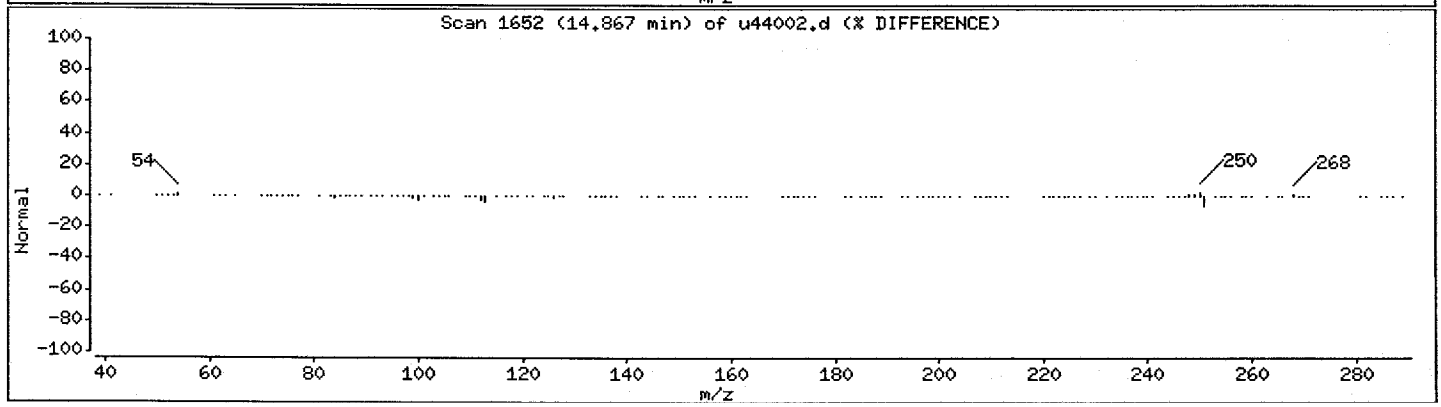
Column phase: DB-5 Column diameter: 0.25

65 Benzo(b)fluoranthene Concentration: 1700 ug/Kg









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Date : 09-APR-2008 17:36

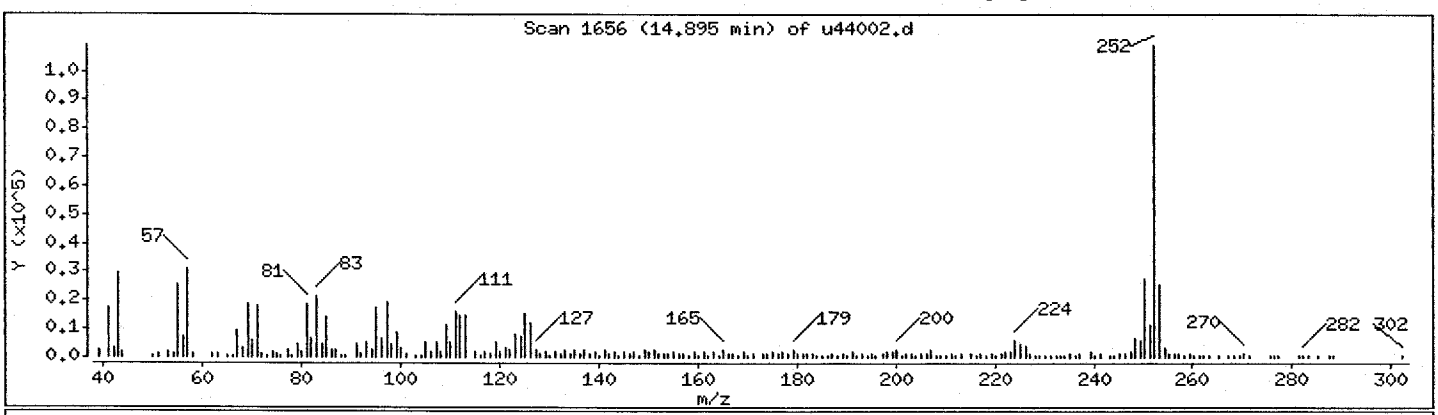
Client ID: 032608-1555 Instrument: BNAMS4.i

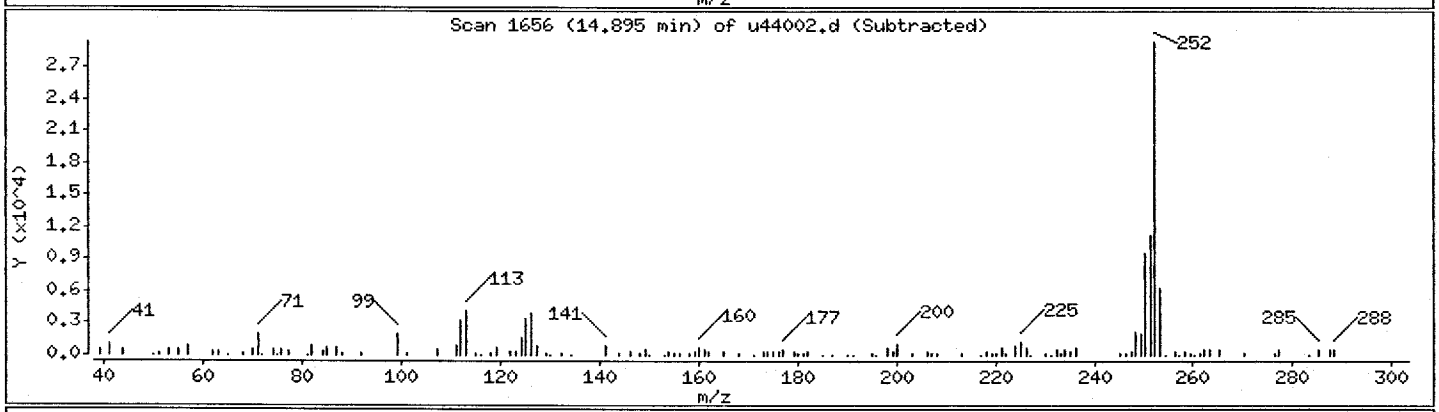
Sample Info: 908709;4225907

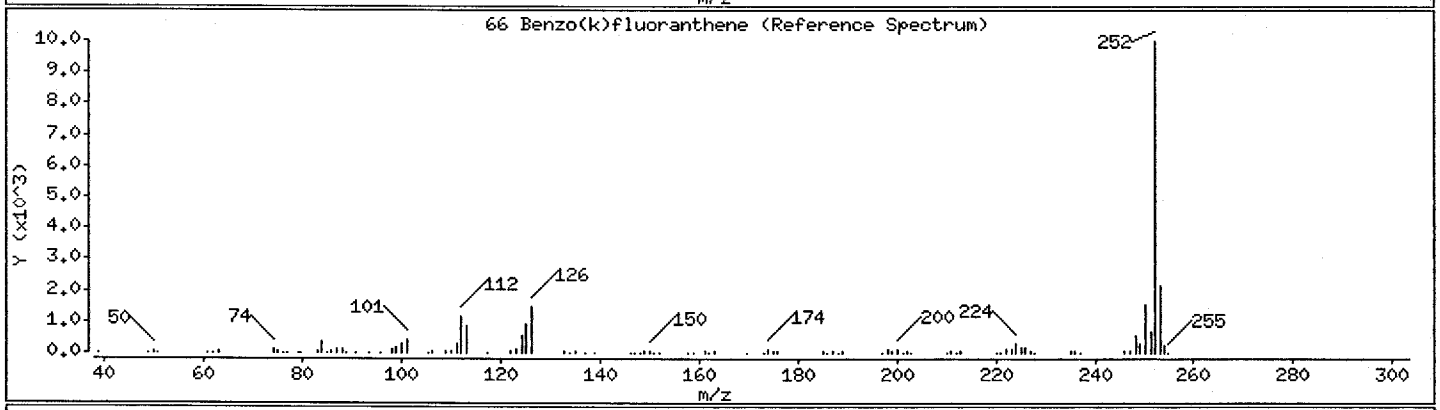
Operator: BNAMS 4

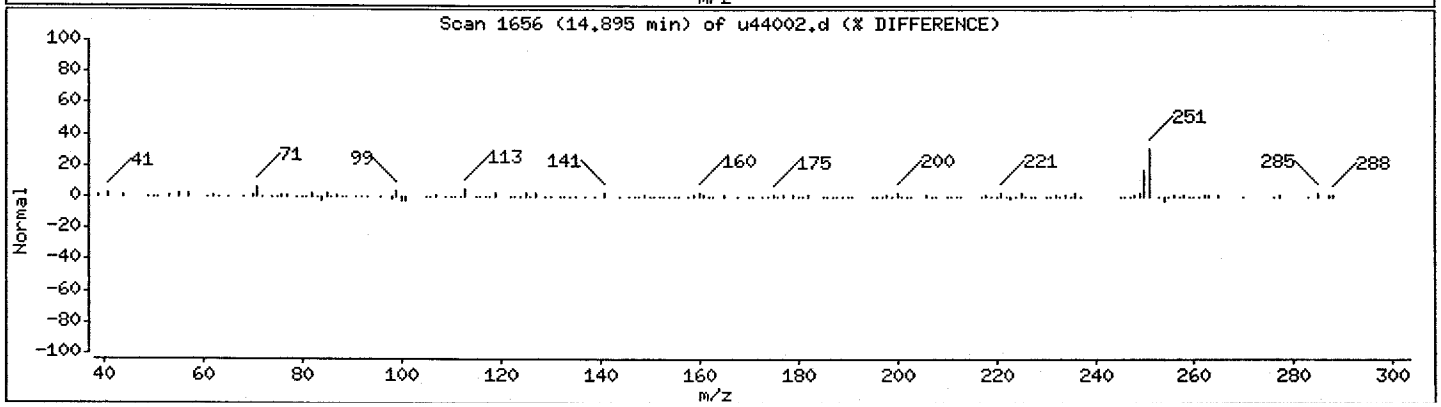
Column phase: DB-5 Column diameter: 0.25

66 Benzo(k)fluoranthene Concentration: 2200 ug/Kg









Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d

Date : 09-APR-2008 17:36

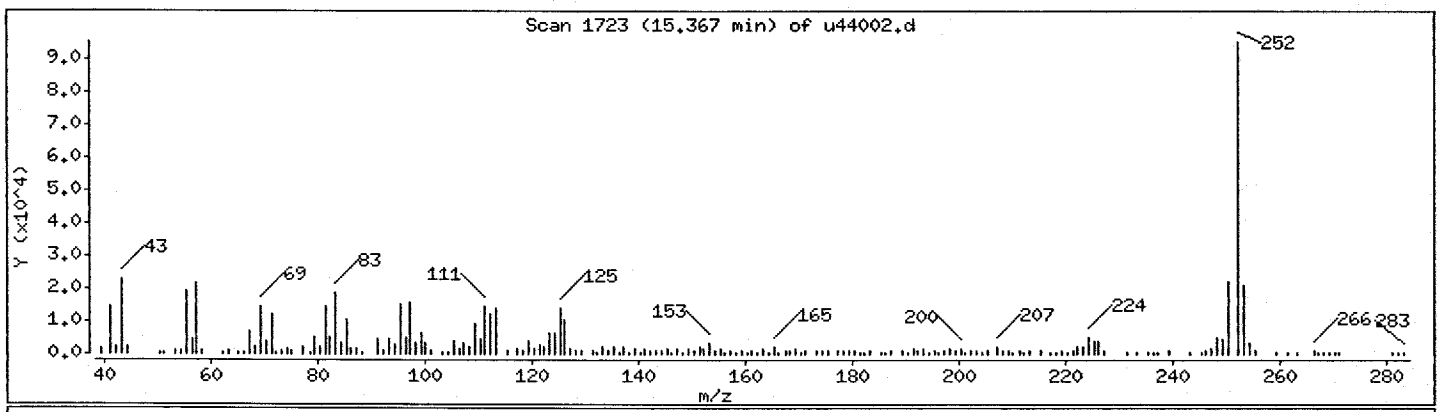
Client ID: 032608-1555 Instrument: BNAMS4.i

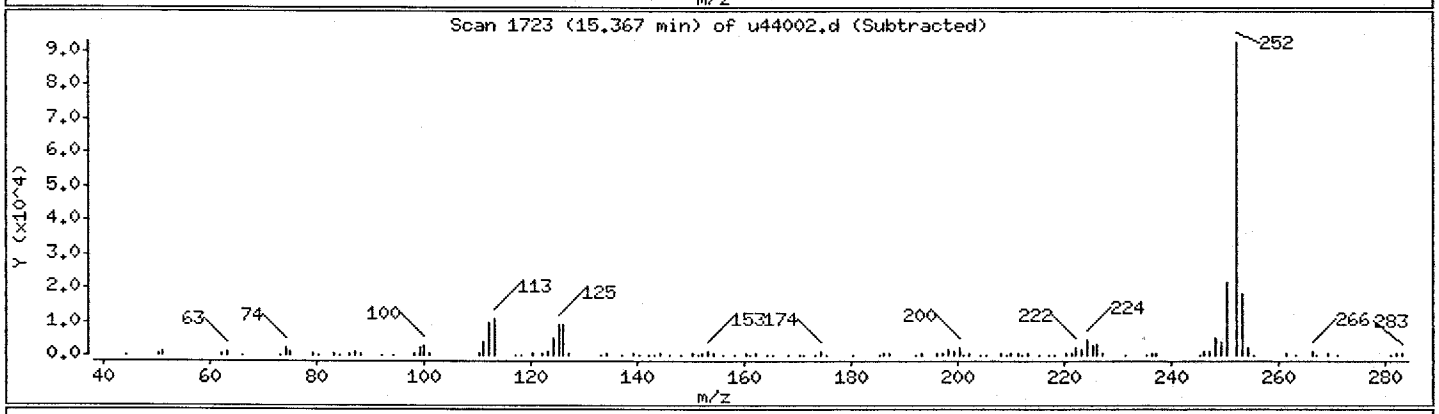
Sample Info: 908709;4225907

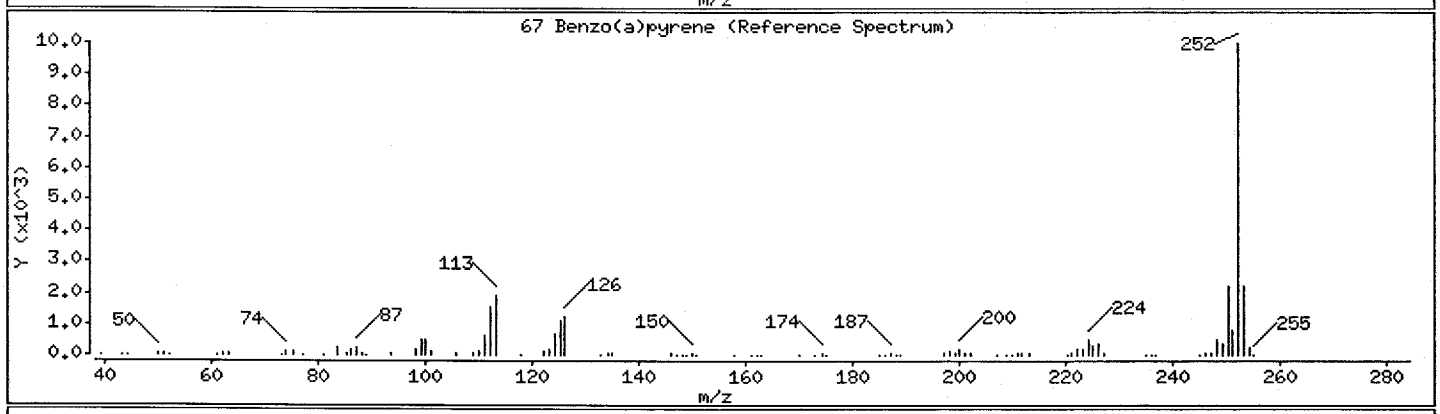
Operator: BNAMS 4

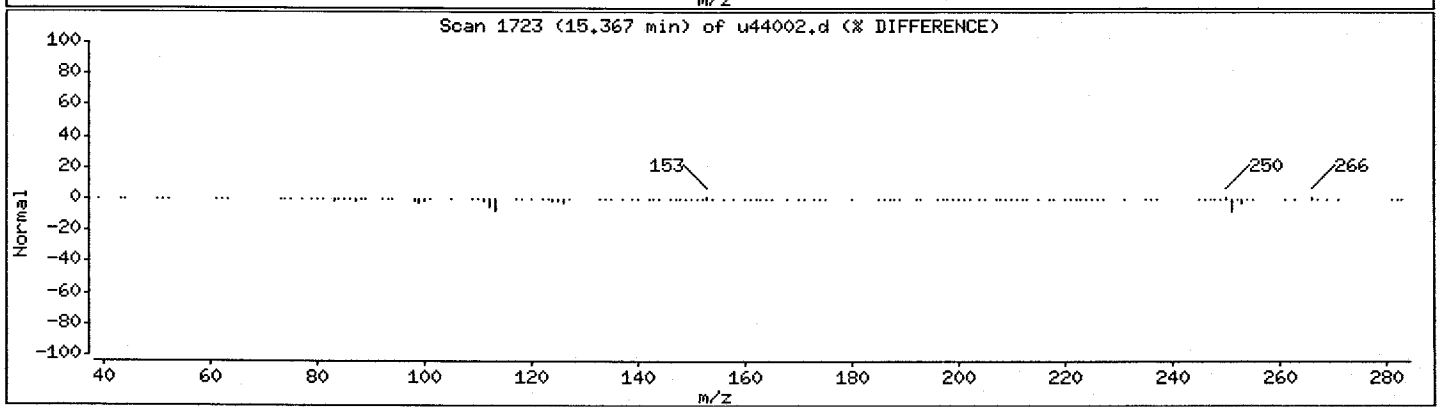
Column phase: DB-5 Column diameter: 0.25

67 Benzo(a)pyrene Concentration: 2100 ug/Kg









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Date : 09-APR-2008 17:36

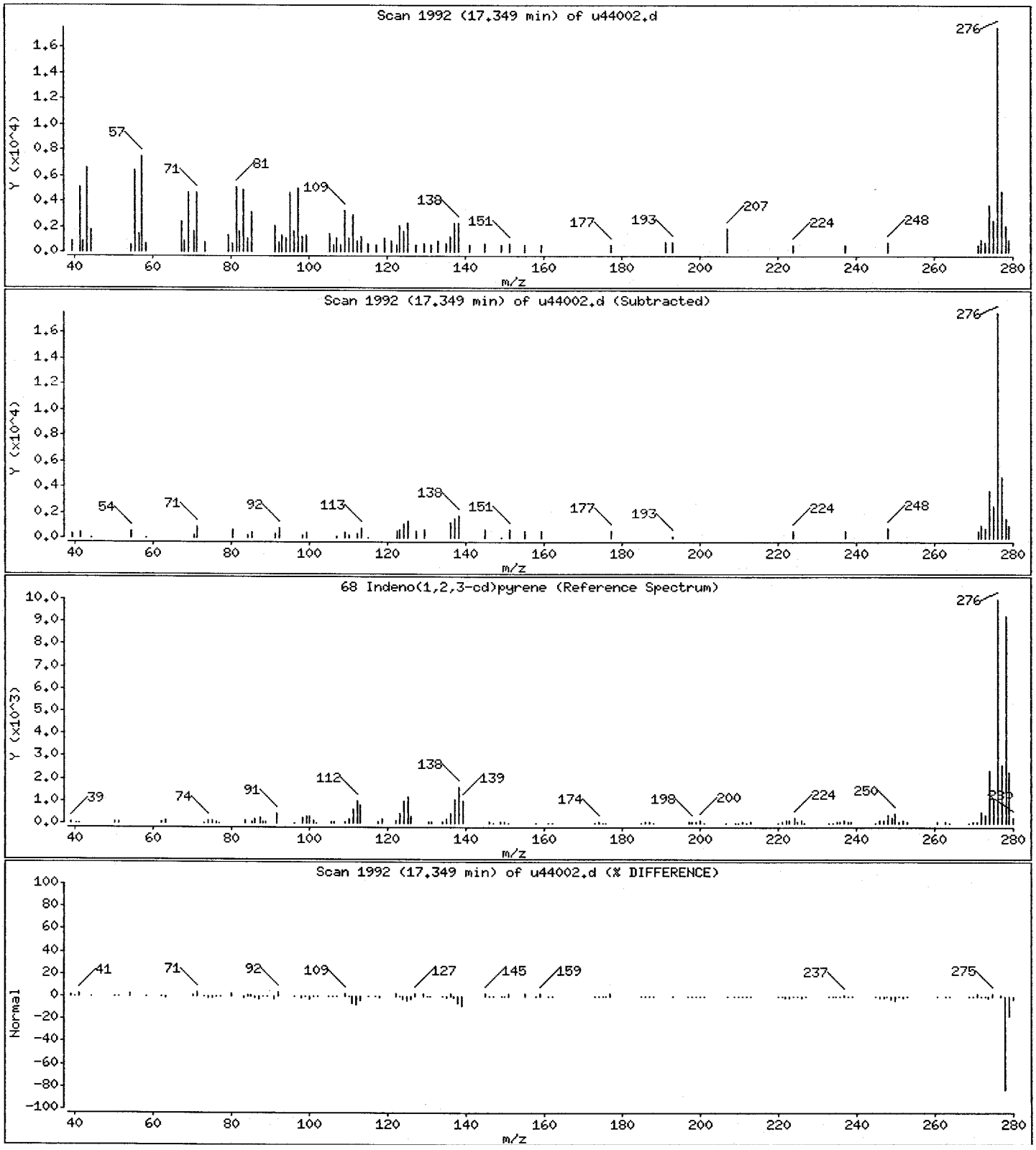
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

68 Indeno(1,2,3-cd)pyrene Concentration: 630 ug/Kg



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Date : 09-APR-2008 17:36

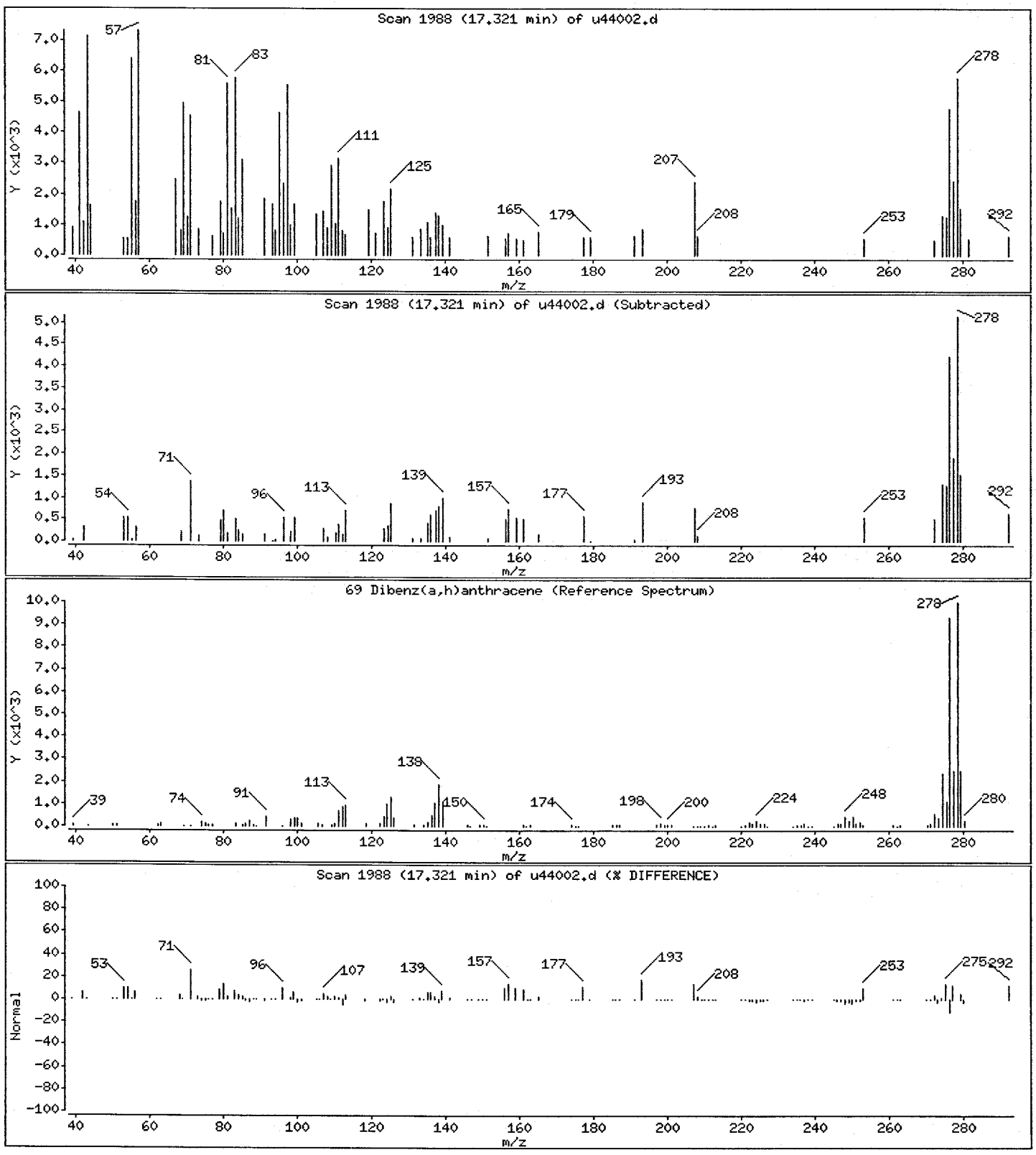
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

69 Dibenz(a,h)anthracene Concentration: 240 ug/Kg



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Date : 09-APR-2008 17:36

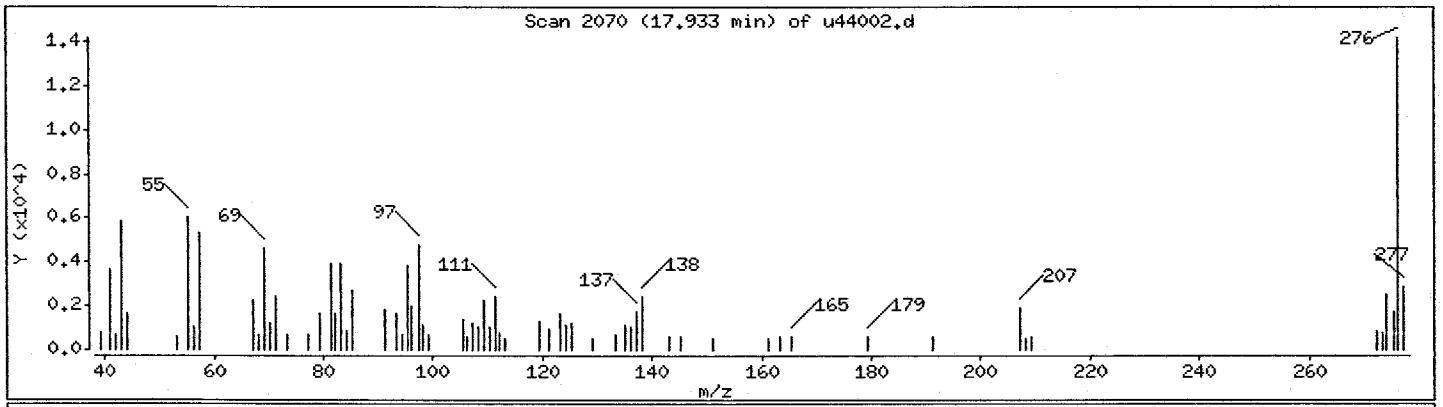
Client ID: 032608-1555 Instrument: BNAMS4.i

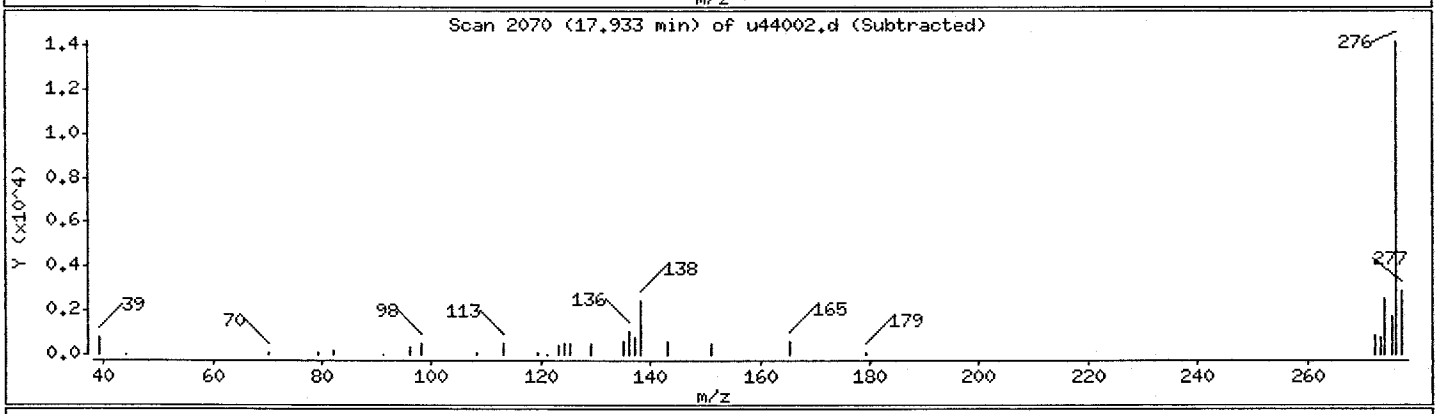
Sample Info: 908709;4225907

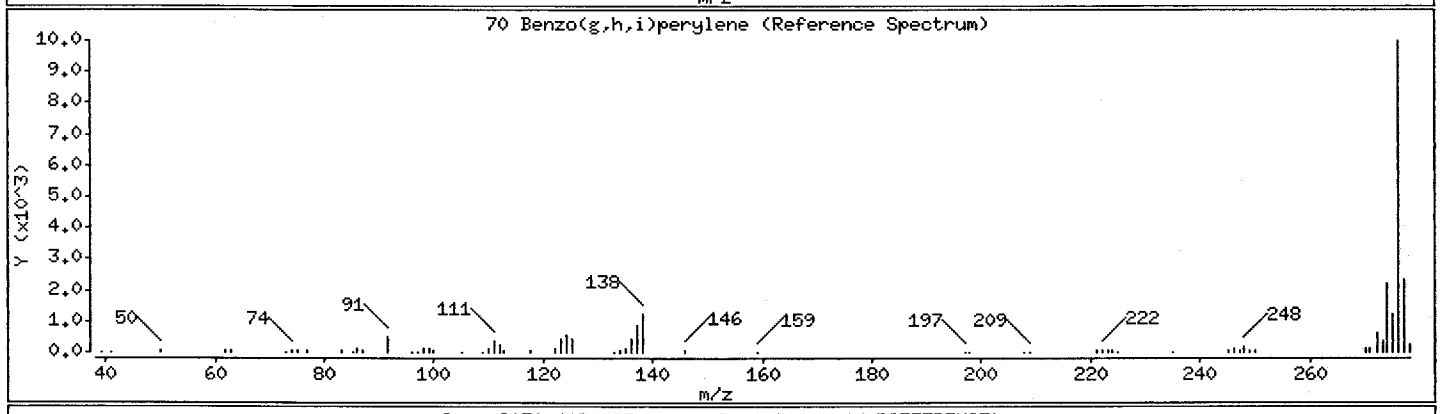
Operator: BNAMS 4

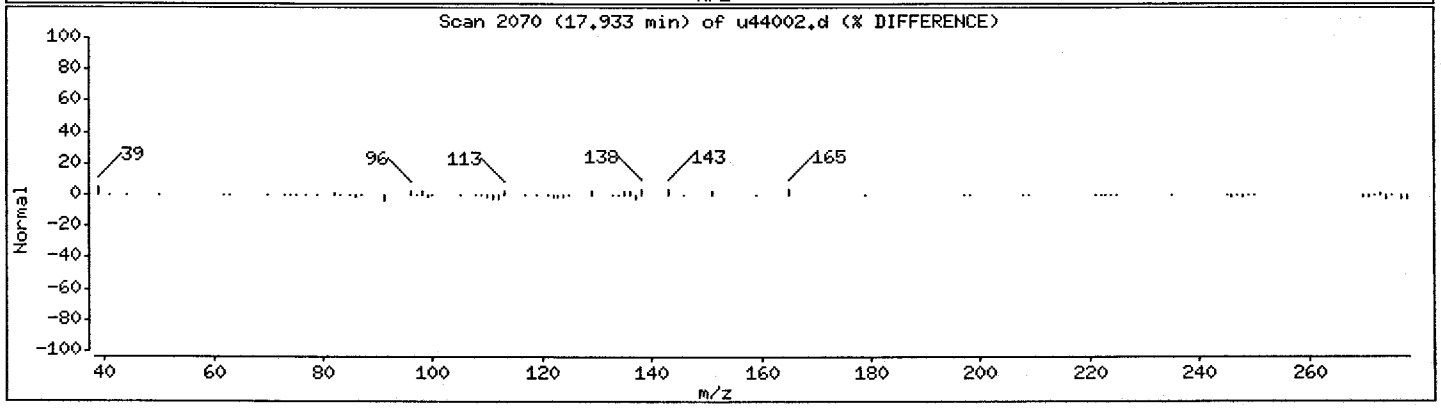
Column phase: DB-5 Column diameter: 0.25

70 Benzo(g,h,i)perylene Concentration: 610 ug/Kg









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Date : 09-APR-2008 17:36

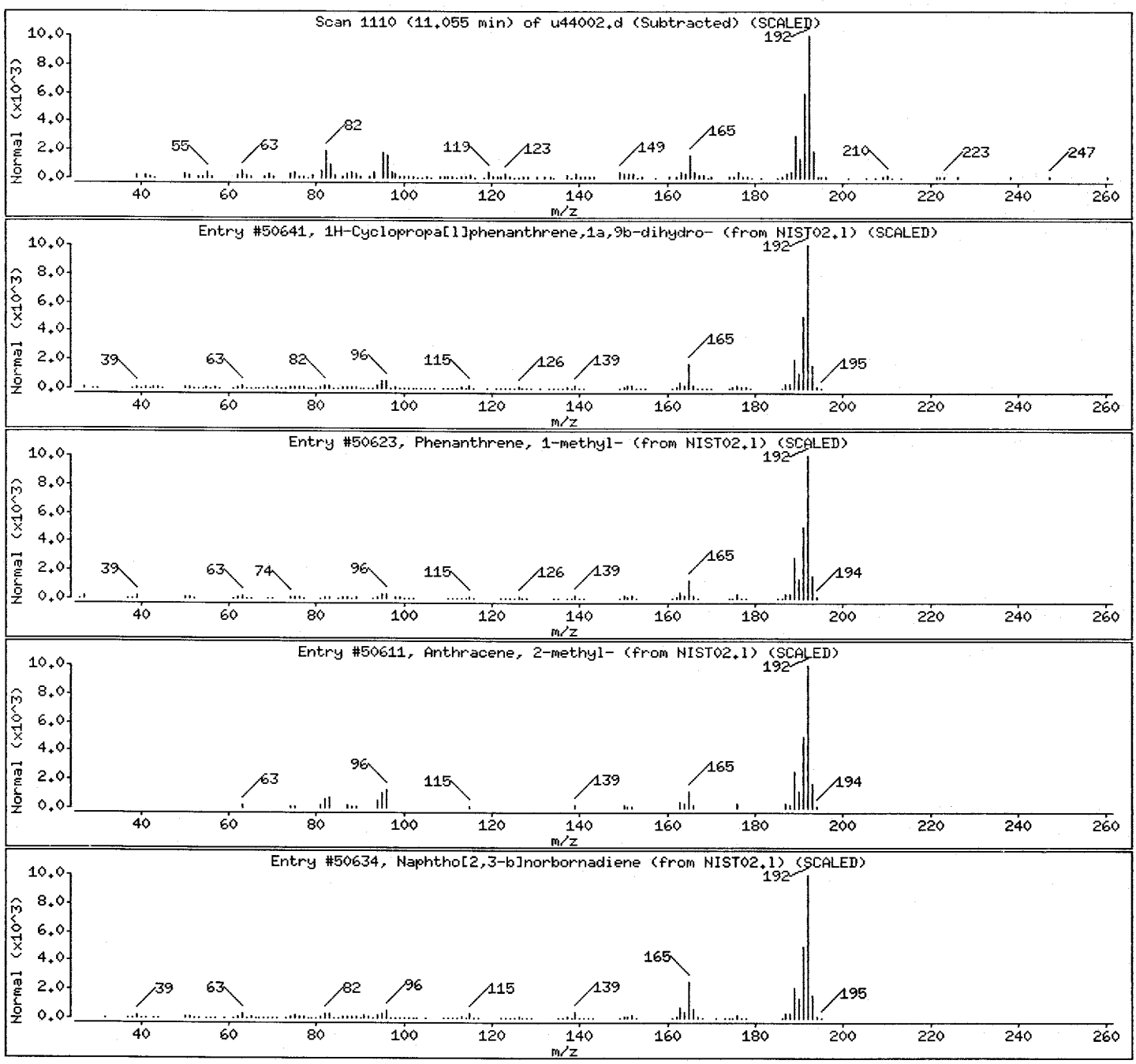
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH						
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST02.l	50641	95	C15H12	192
Phenanthrene, 1-methyl-	832-69-9	NIST02.l	50623	95	C15H12	192
Anthracene, 2-methyl-	613-12-7	NIST02.l	50611	95	C15H12	192
Naphtho[2,3-b]norbornadiene	107426-38-0	NIST02.l	50634	95	C15H12	192



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Date : 09-APR-2008 17:36

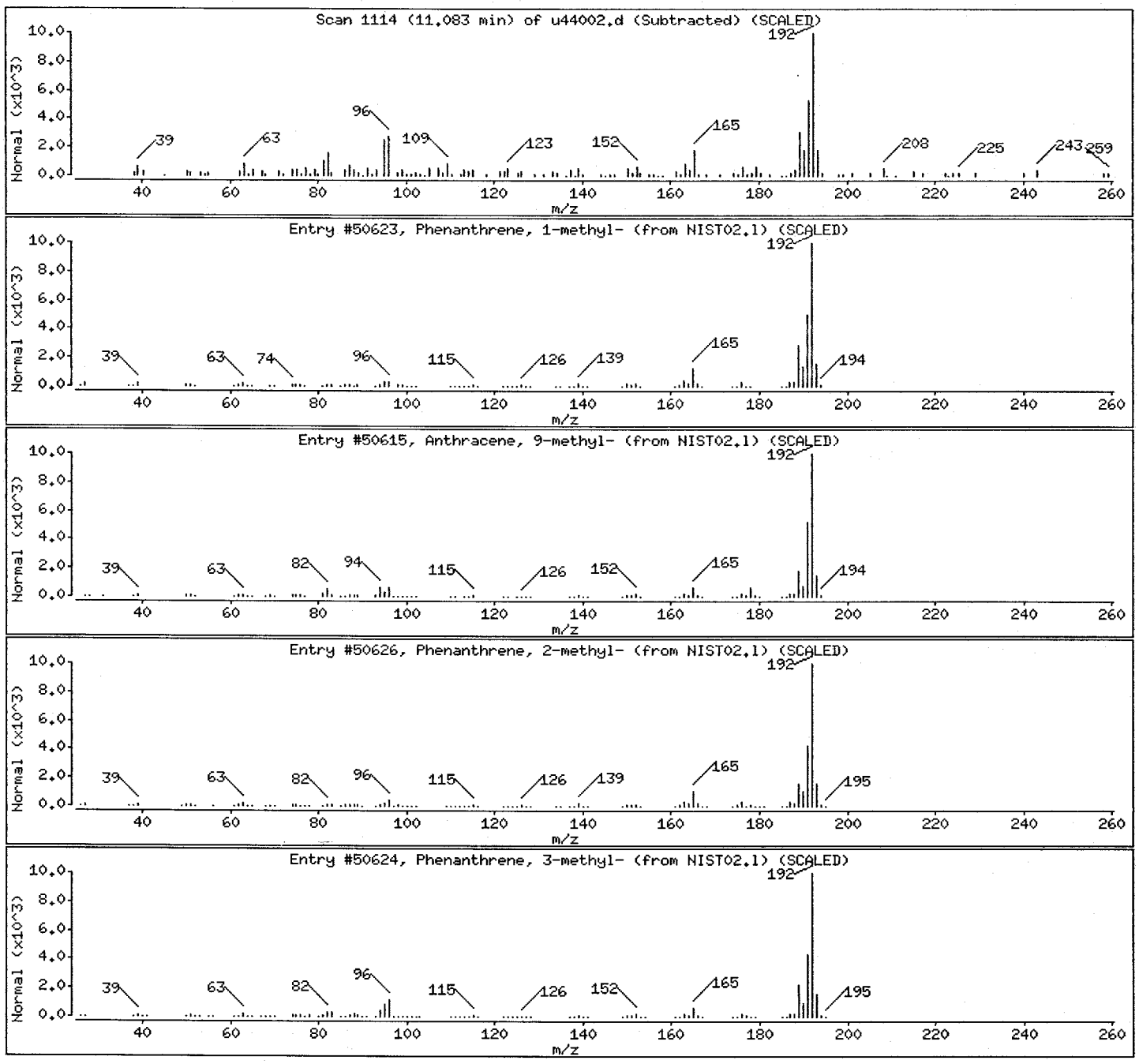
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH						
Phenanthrene, 1-methyl-	832-69-9	NIST02.l	50623	96	C15H12	192
Anthracene, 9-methyl-	779-02-2	NIST02.l	50615	93	C15H12	192
Phenanthrene, 2-methyl-	2531-84-2	NIST02.l	50626	93	C15H12	192
Phenanthrene, 3-methyl-	832-71-3	NIST02.l	50624	93	C15H12	192



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Date : 09-APR-2008 17:36

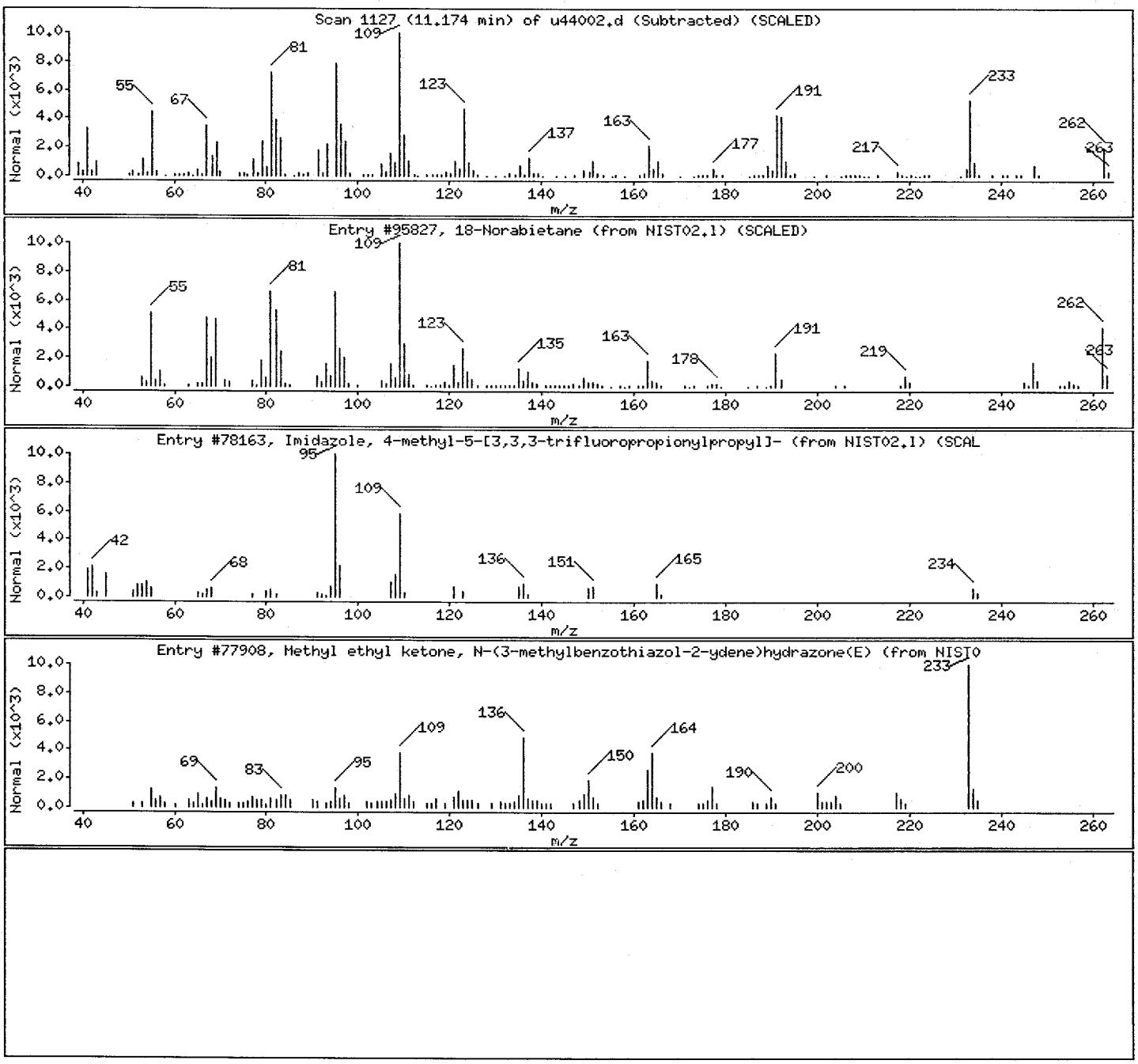
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
18-Norabietane	1000293-16-6	NIST02.l	95827	58	C19H34	262
Imidazole, 4-methyl-5-[3,3,3-trifluoropr	1000129-15-8	NIST02.l	78163	25	C10H13F3N2O	234
Methyl ethyl ketone, N-(3-methylbenzothi	1000292-93-3	NIST02.l	77908	22	C12H15N3S	233



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Date : 09-APR-2008 17:36

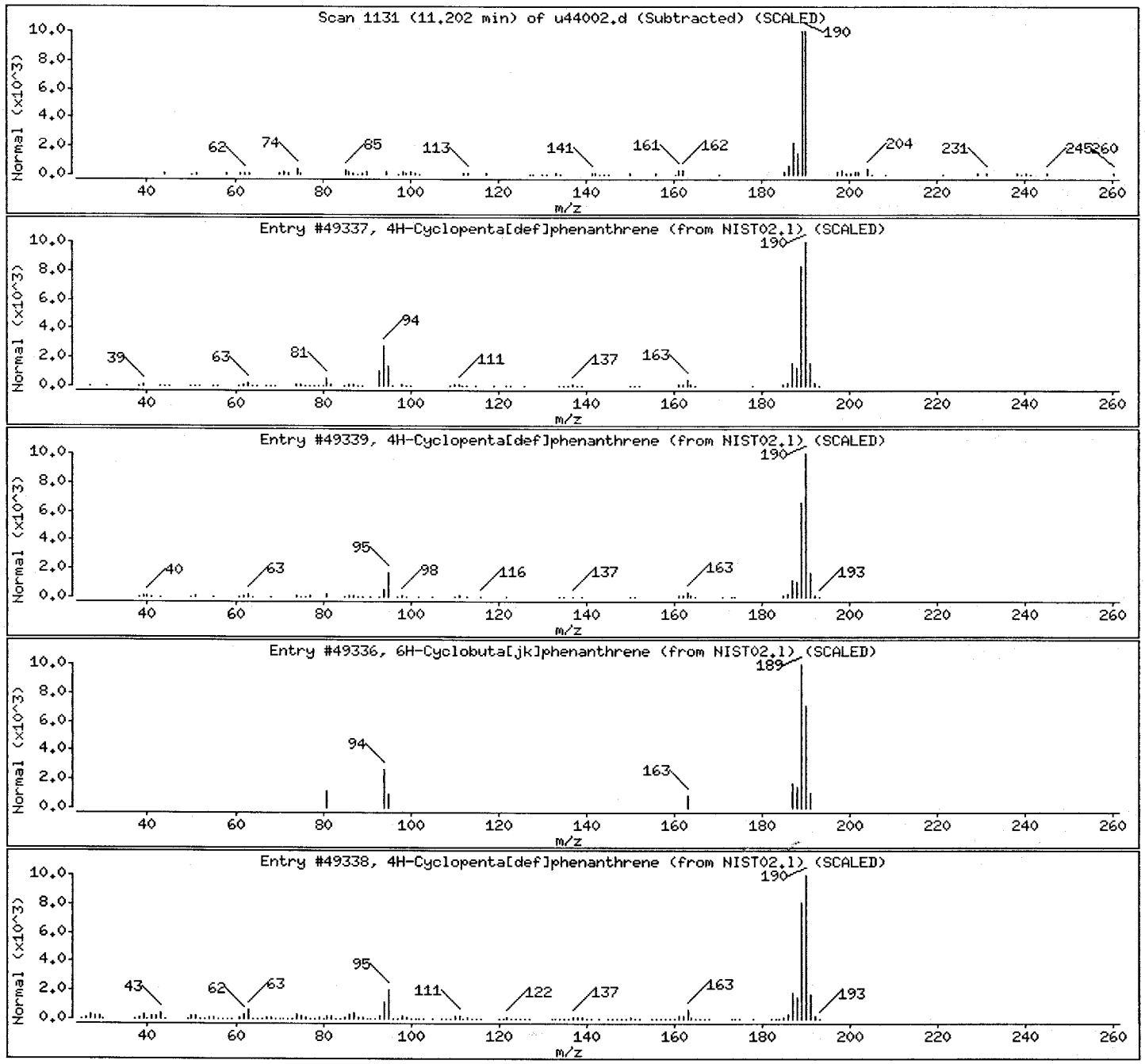
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C15H10 PAH						
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02.l	49337	86	C15H10	190
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02.l	49339	78	C15H10	190
6H-Cyclobuta[jk]phenanthrene	83469-43-6	NIST02.l	49336	78	C15H10	190
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST02.l	49338	72	C15H10	190



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Date : 09-APR-2008 17:36

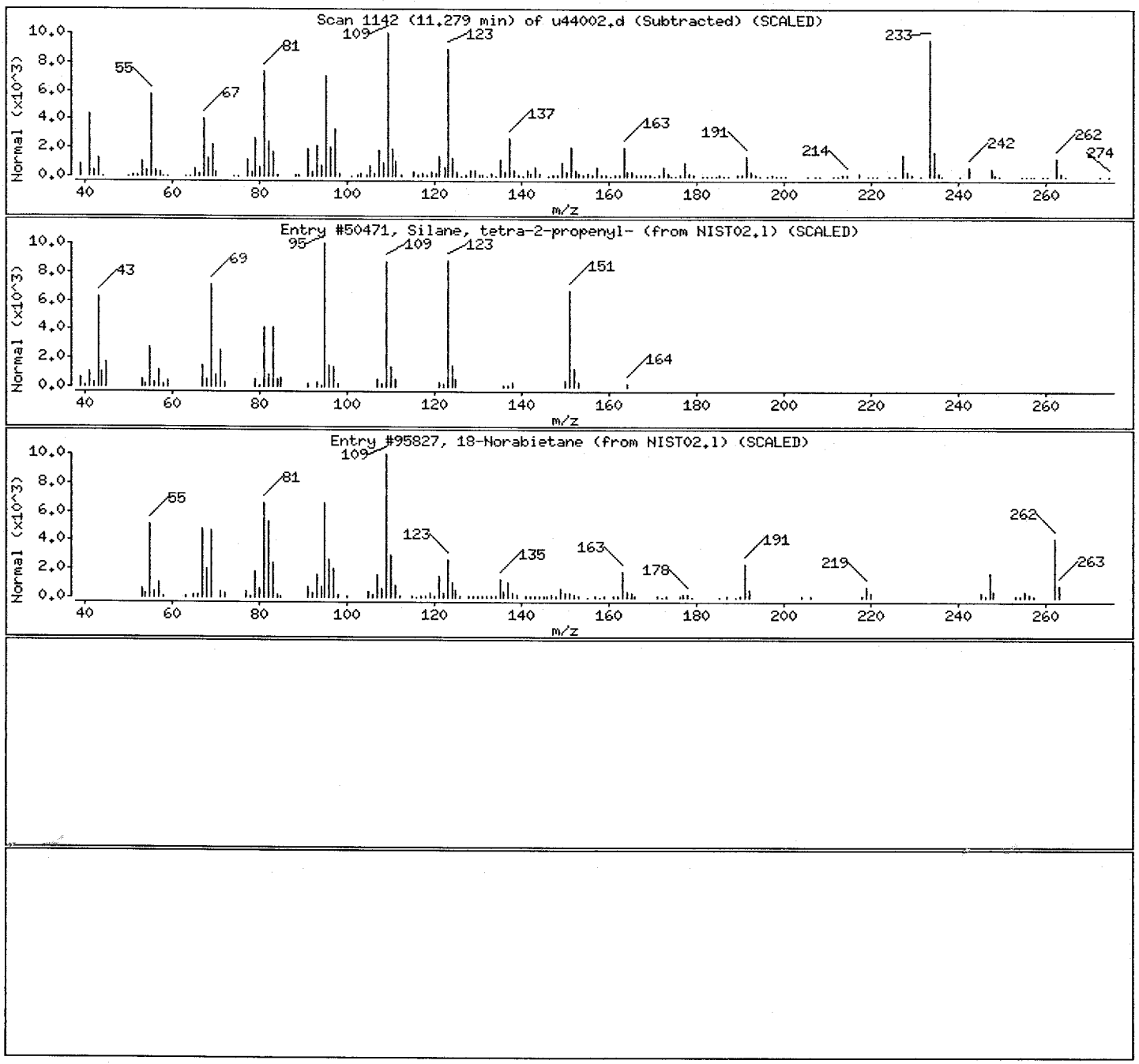
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Silane, tetra-2-propenyl-	1112-66-9	NIST02.l	50471	38	C12H20Si	192
18-Norabietane	1000293-16-6	NIST02.l	95827	35	C19H34	262



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Date : 09-APR-2008 17:36

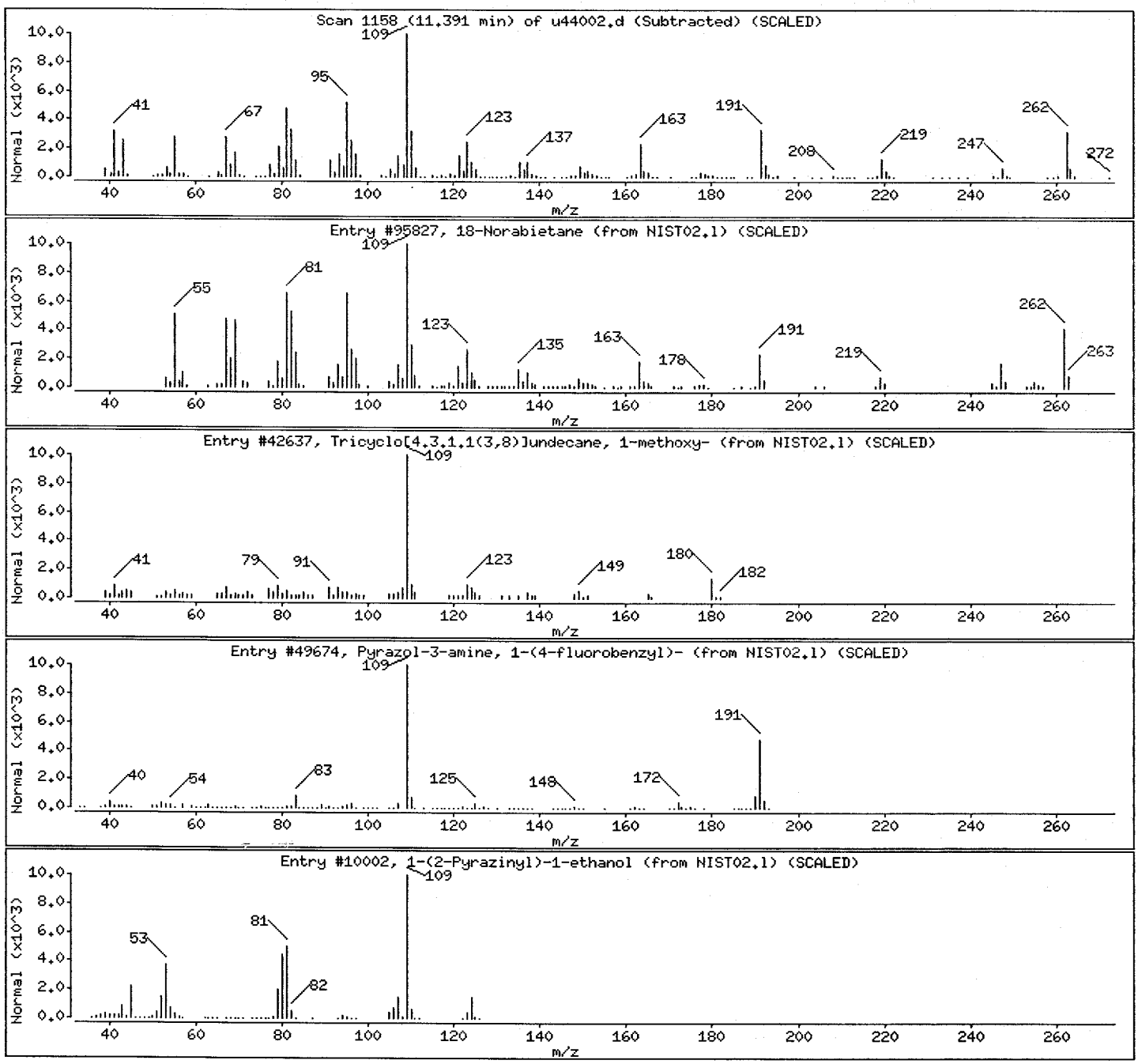
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
18-Norabietane	1000293-16-6	NIST02.l	95827	94	C19H34	262
Tricyclo[4.3.1.1(3,8)]undecane, 1-methox	21898-95-3	NIST02.l	42637	27	C12H20O	180
Pyrazol-3-amine, 1-(4-fluorobenzyl)-	1000272-83-2	NIST02.l	49674	27	C10H10FN3	191
1-(2-Pyrazinyl)-1-ethanol	94777-52-3	NIST02.l	10002	22	C6H8N2O	124



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Date : 09-APR-2008 17:36

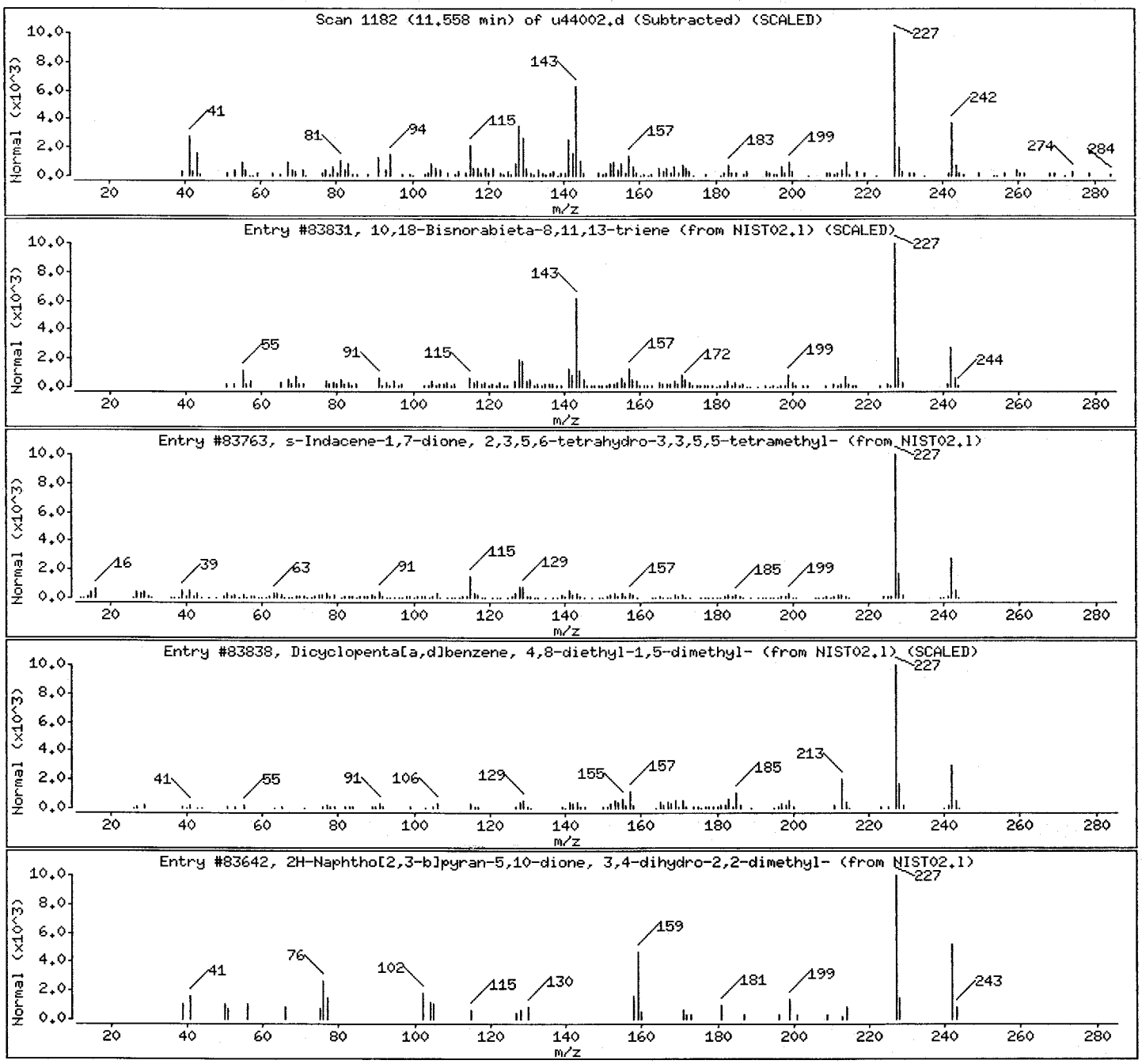
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
10,18-Bisnorabieta-8,11,13-triene	32624-67-2	NIST02.l	83831	95	C18H26	242
s-Indacene-1,7-dione, 2,3,5,6-tetrahydro	55591-17-8	NIST02.l	83763	87	C16H18O2	242
Dicyclopenta[a,d]benzene, 4,8-diethyl-1,	1000156-41-6	NIST02.l	83838	70	C18H26	242
2H-Naphtho[2,3-b]pyran-5,10-dione, 3,4-d	4707-33-9	NIST02.l	83642	46	C15H14O3	242



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Date : 09-APR-2008 17:36

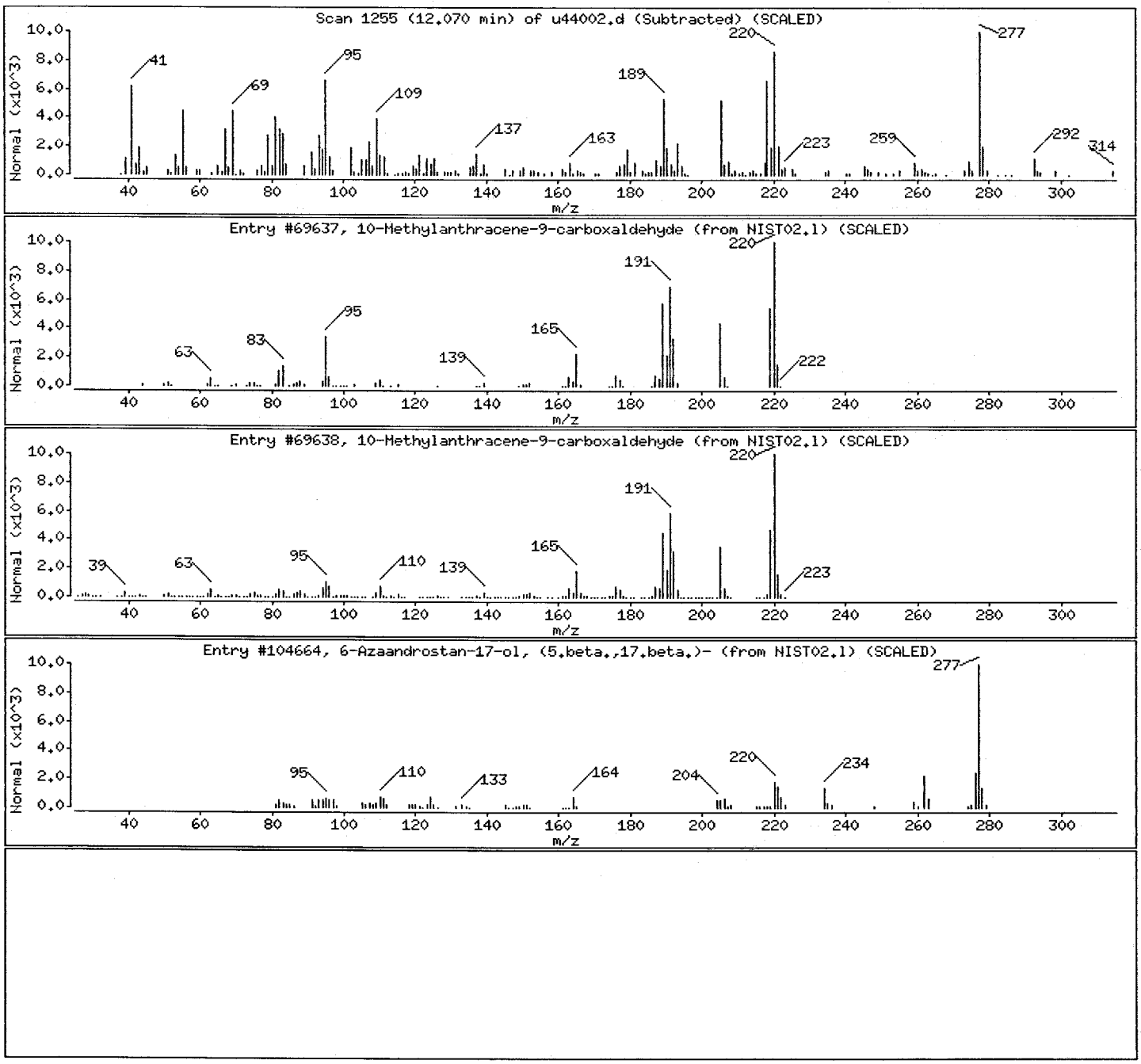
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
10-Methylanthracene-9-carboxaldehyde	7072-00-6	NIST02.l	69637	41	C16H12O	220
10-Methylanthracene-9-carboxaldehyde	7072-00-6	NIST02.l	69638	30	C16H12O	220
6-Azaandrostan-17-ol, (5.beta.,17.beta.)	55056-58-1	NIST02.l	104664	20	C18H31NO	277



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Date : 09-APR-2008 17:36

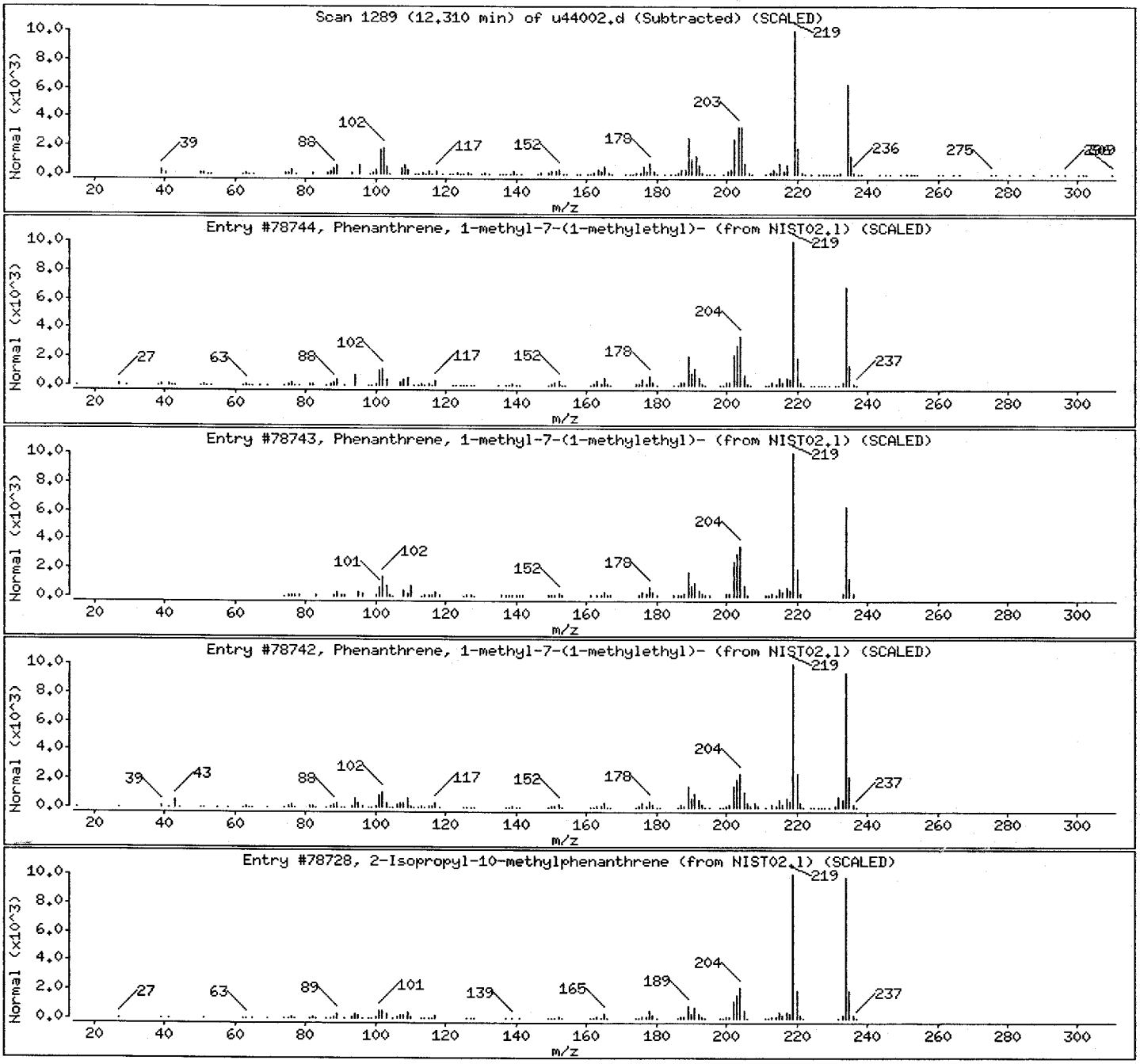
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 1-methyl-7-(1-methylethyl)	483-65-8	NIST02.l	78744	99	C18H18	234
Phenanthrene, 1-methyl-7-(1-methylethyl)	483-65-8	NIST02.l	78743	98	C18H18	234
Phenanthrene, 1-methyl-7-(1-methylethyl)	483-65-8	NIST02.l	78742	94	C18H18	234
2-Isopropyl-10-methylphenanthrene	66552-97-4	NIST02.l	78728	93	C18H18	234



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Date : 09-APR-2008 17:36

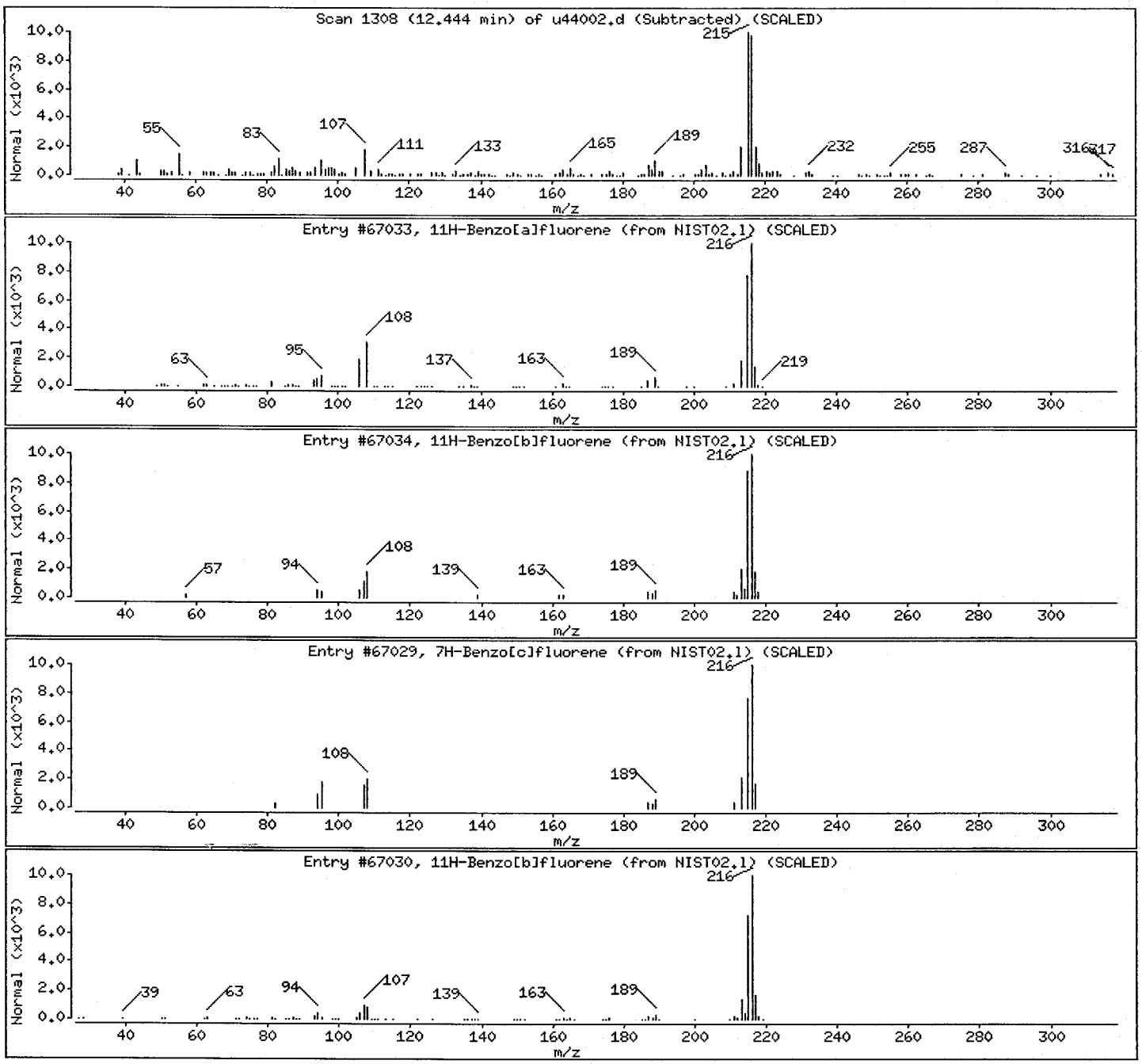
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C17H12 PAH						
11H-Benzo[a]fluorene	238-84-6	NIST02.l	67033	90	C17H12	216
11H-Benzo[b]fluorene	243-17-4	NIST02.l	67034	83	C17H12	216
7H-Benzo[c]fluorene	205-12-9	NIST02.l	67029	83	C17H12	216
11H-Benzo[b]fluorene	243-17-4	NIST02.l	67030	72	C17H12	216



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Date : 09-APR-2008 17:36

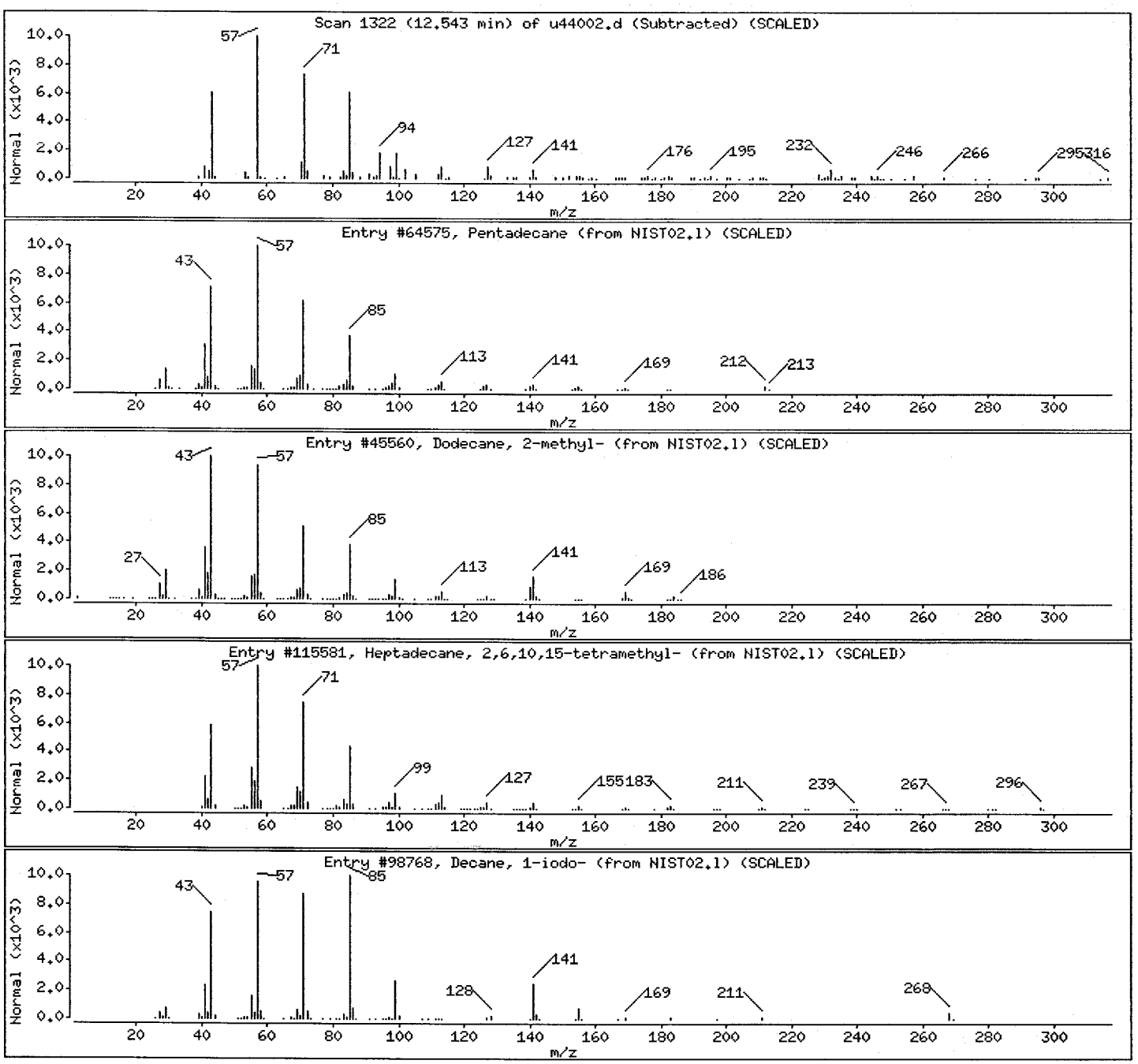
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentadecane	629-62-9	NIST02.l	64575	83	C15H32	212
Dodecane, 2-methyl-	1560-97-0	NIST02.l	45560	72	C13H28	184
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.l	115581	72	C21H44	296
Decane, 1-iodo-	2050-77-3	NIST02.l	98768	72	C10H21I	268



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Date : 09-APR-2008 17:36

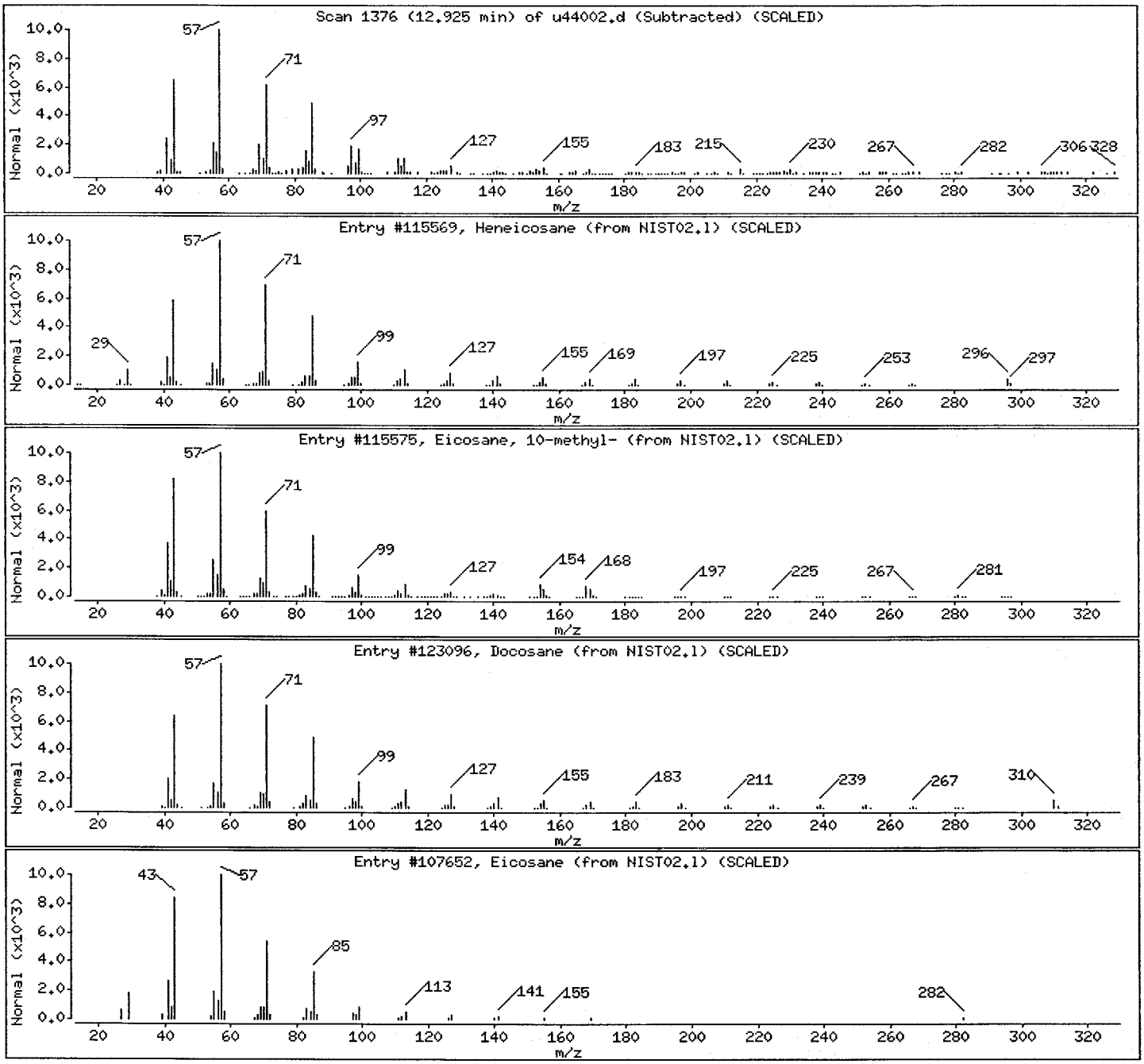
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Heneicosane	629-94-7	NIST02.l	115569	90	C21H44	296
Eicosane, 10-methyl-	54833-23-7	NIST02.l	115575	90	C21H44	296
Docosane	629-97-0	NIST02.l	123096	90	C22H46	310
Eicosane	112-95-8	NIST02.l	107652	89	C20H42	282



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d

Date : 09-APR-2008 17:36

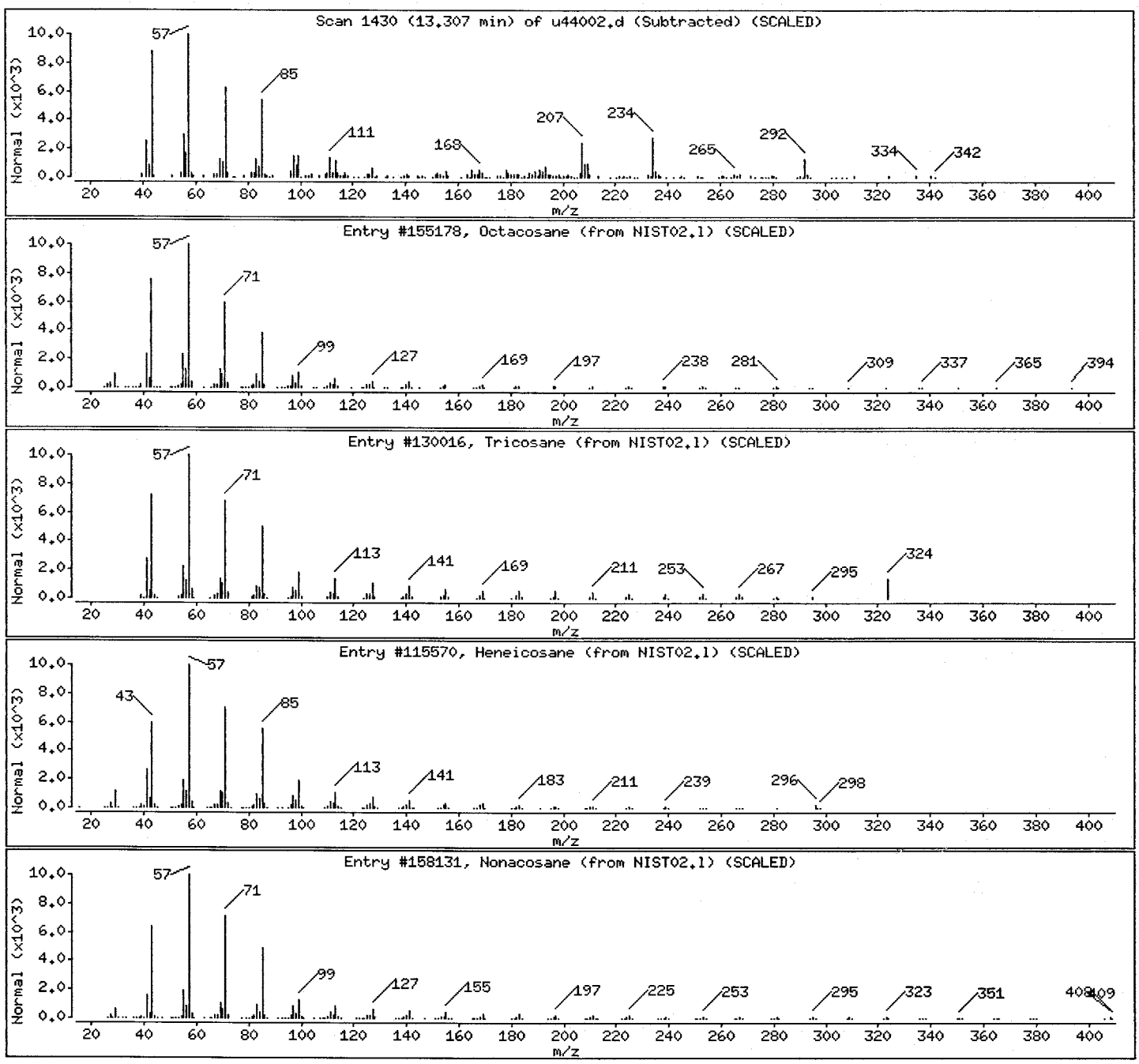
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Octacosane	630-02-4	NIST02.l	155178	50	C28H58	394
Tricosane	638-67-5	NIST02.l	130016	45	C23H48	324
Heneicosane	629-94-7	NIST02.l	115570	45	C21H44	296
Nonacosane	630-03-5	NIST02.l	158131	43	C29H60	408



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d

Date : 09-APR-2008 17:36

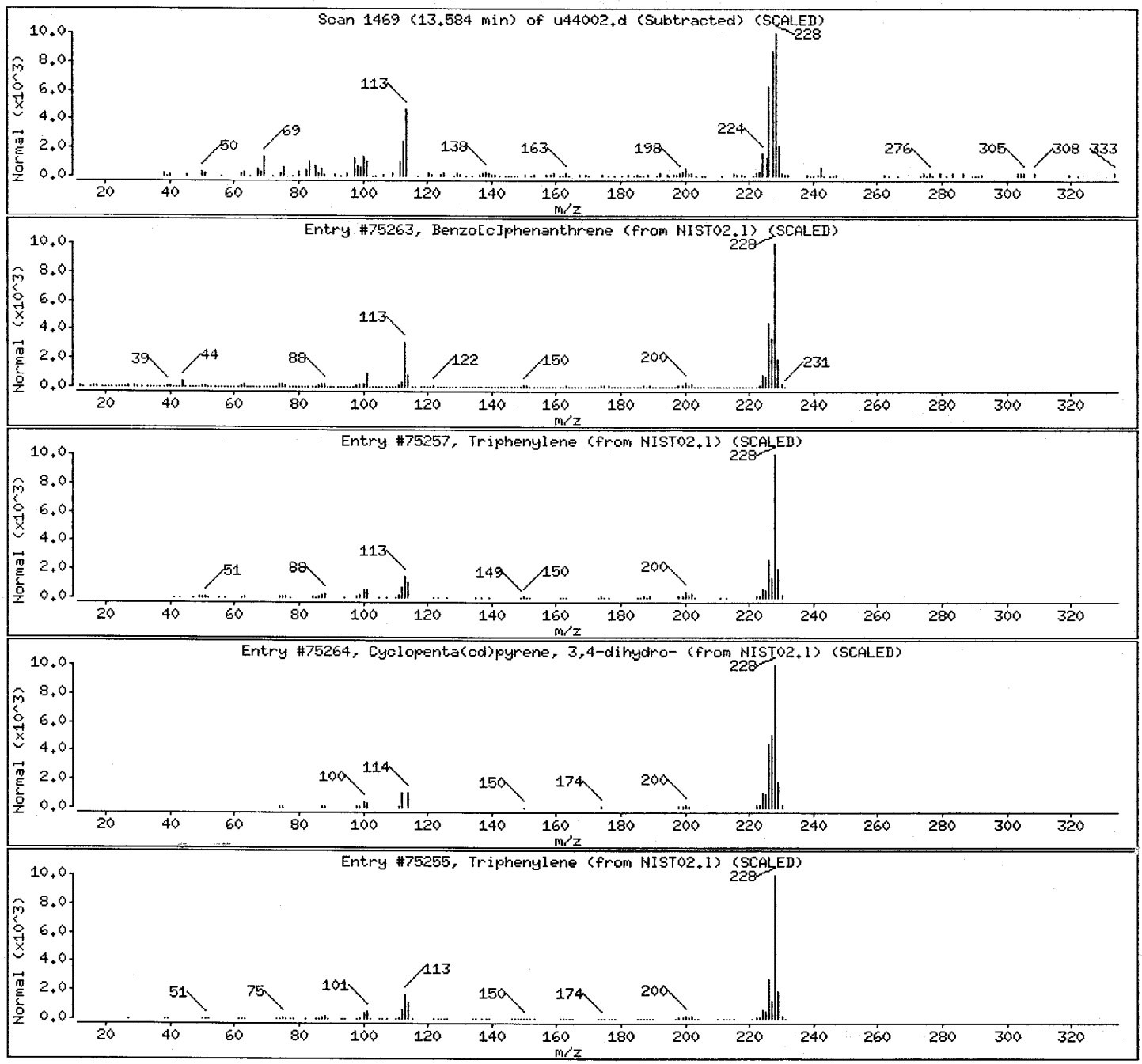
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C18H12 PAH						
Benzo[c]phenanthrene	195-19-7	NIST02.l	75263	55	C18H12	228
Triphenylene	217-59-4	NIST02.l	75257	46	C18H12	228
Cyclopenta(cd)pyrene, 3,4-dihydro-	25732-74-5	NIST02.l	75264	43	C18H12	228
Triphenylene	217-59-4	NIST02.l	75255	35	C18H12	228



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d

Date : 09-APR-2008 17:36

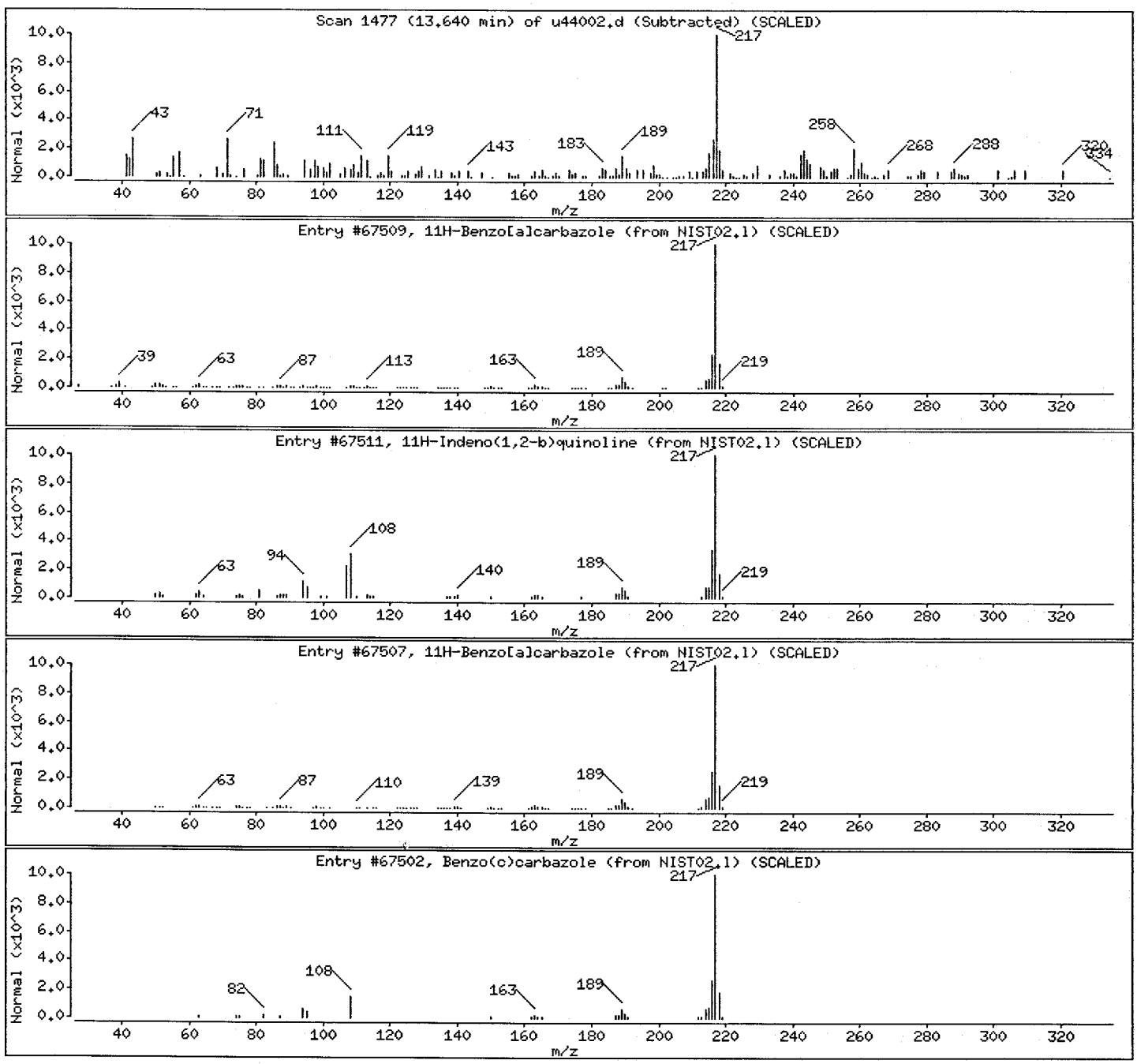
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[a]carbazole	239-01-0	NIST02.l	67509	55	C16H11N	217
11H-Indeno(1,2-b)quinoline	243-51-6	NIST02.l	67511	49	C16H11N	217
11H-Benzo[a]carbazole	239-01-0	NIST02.l	67507	46	C16H11N	217
Benzo(c)carbazole	34777-33-8	NIST02.l	67502	43	C16H11N	217



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d

Date : 09-APR-2008 17:36

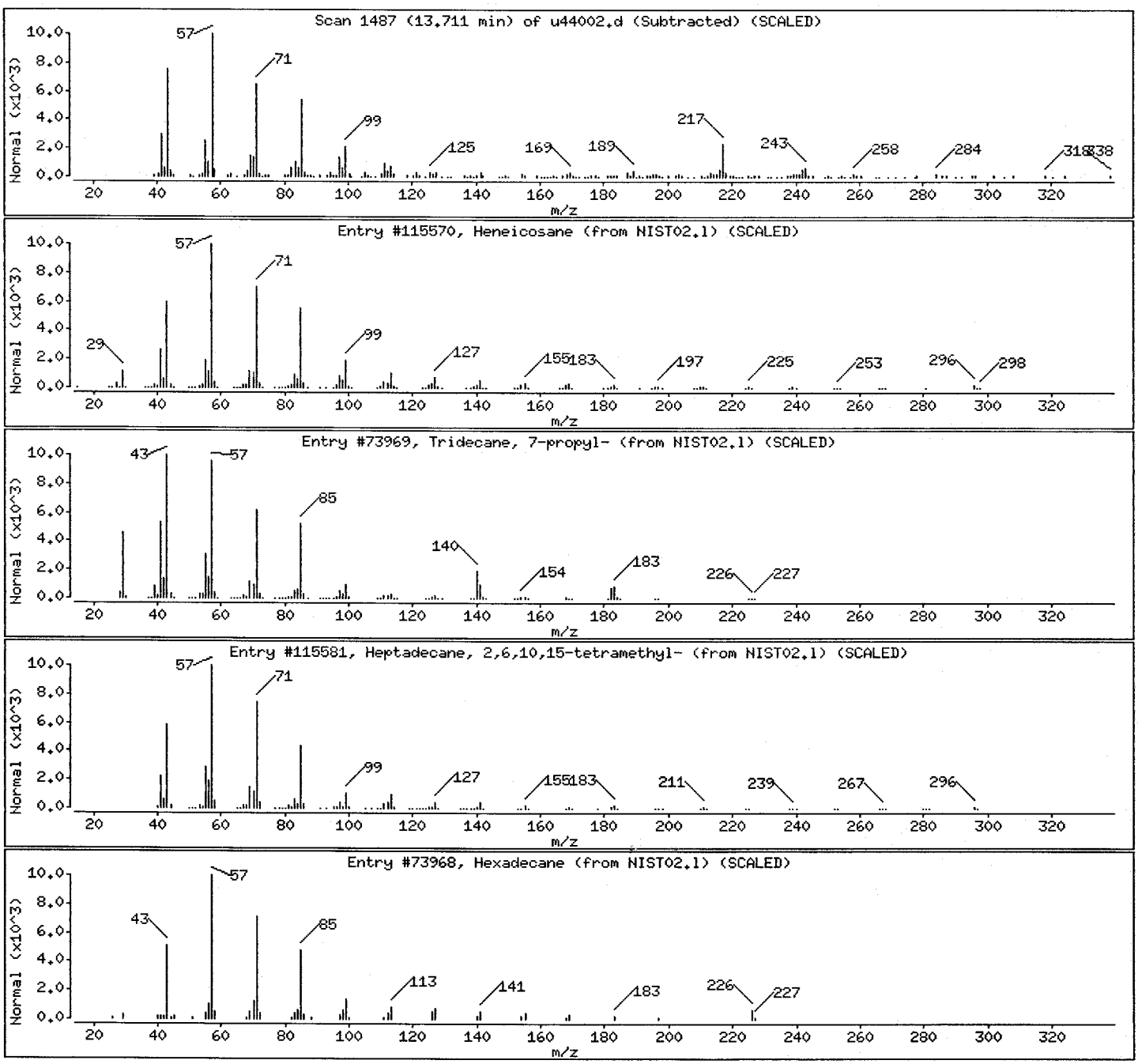
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Heneicosane	629-94-7	NIST02.l	115570	72	C21H44	296
Tridecane, 7-propyl-	55045-09-5	NIST02.l	73969	64	C16H34	226
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.l	115581	58	C21H44	296
Hexadecane	544-76-3	NIST02.l	73968	58	C16H34	226



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d

Date : 09-APR-2008 17:36

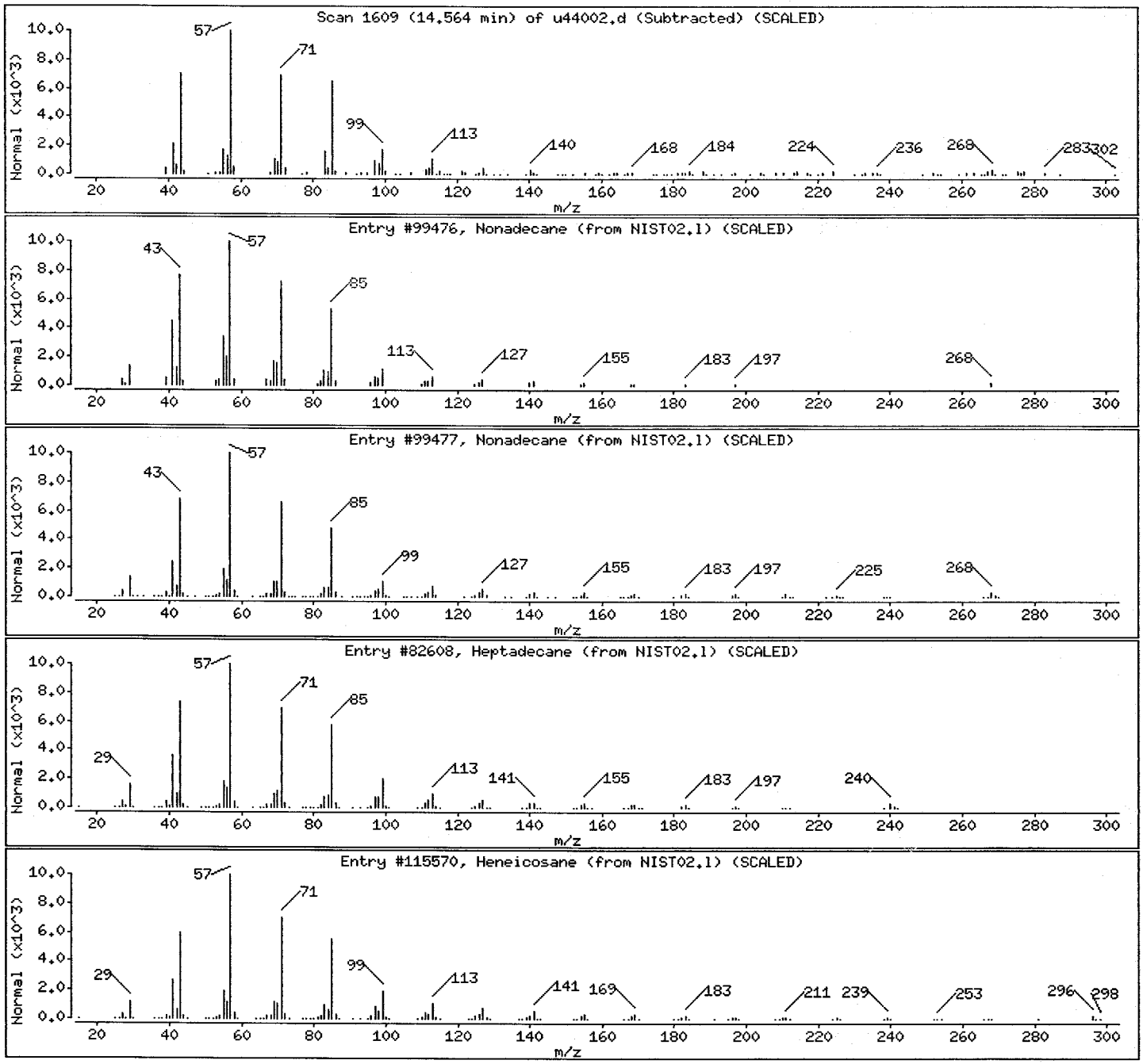
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane						
Nonadecane	629-92-5	NIST02.1	99476	94	C19H40	268
Nonadecane	629-92-5	NIST02.1	99477	91	C19H40	268
Heptadecane	629-78-7	NIST02.1	82608	86	C17H36	240
Heneicosane	629-94-7	NIST02.1	115570	78	C21H44	296



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d

Date : 09-APR-2008 17:36

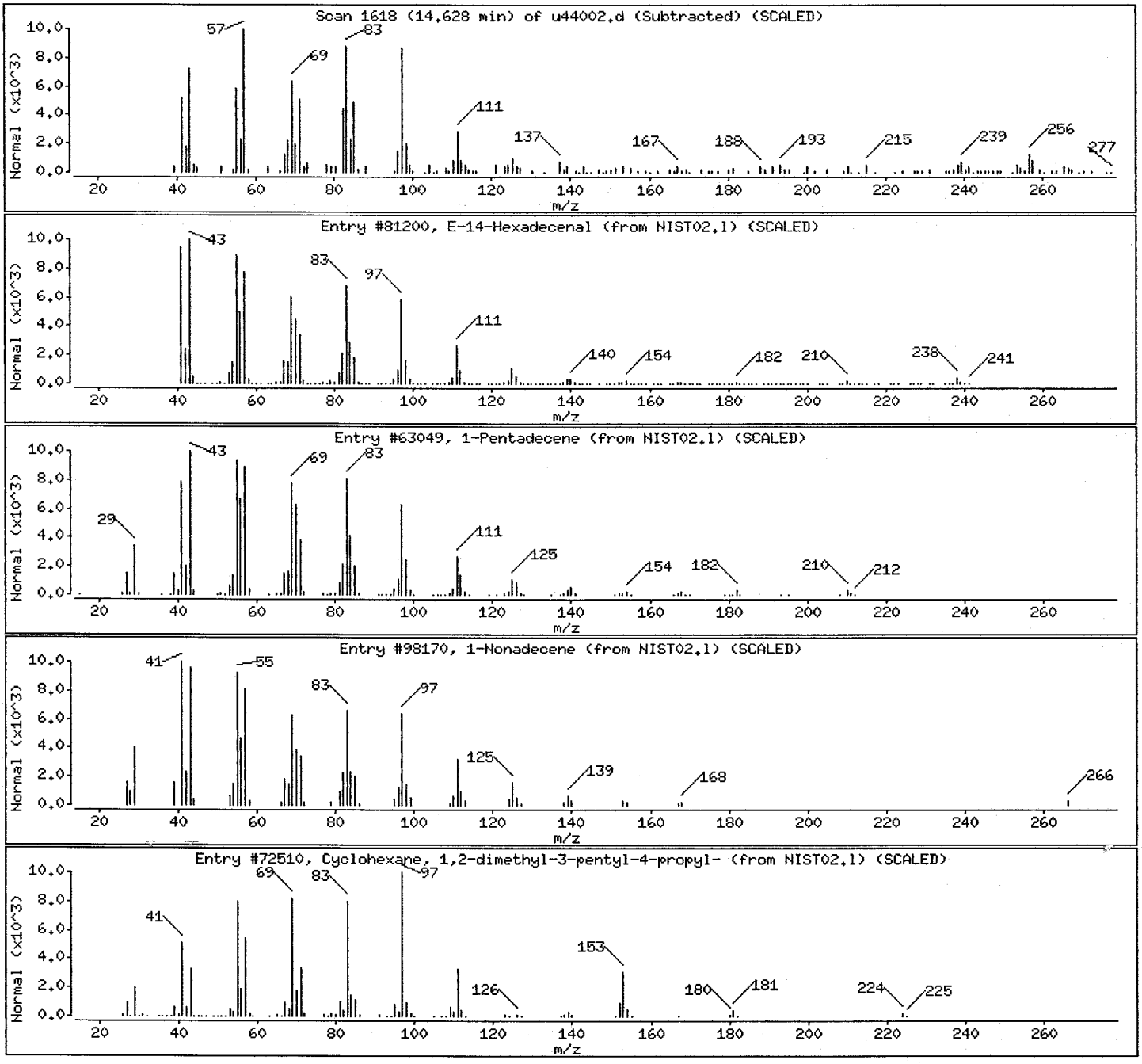
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
E-14-Hexadecenal	330207-53-9	NIST02.l	81200	64	C16H30O	238
1-Pentadecene	13360-61-7	NIST02.l	63049	64	C15H30	210
1-Nonadecene	18435-45-5	NIST02.l	98170	58	C19H38	266
Cyclohexane, 1,2-dimethyl-3-pentyl-4-pro	62376-17-4	NIST02.l	72510	43	C16H32	224



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d

Date : 09-APR-2008 17:36

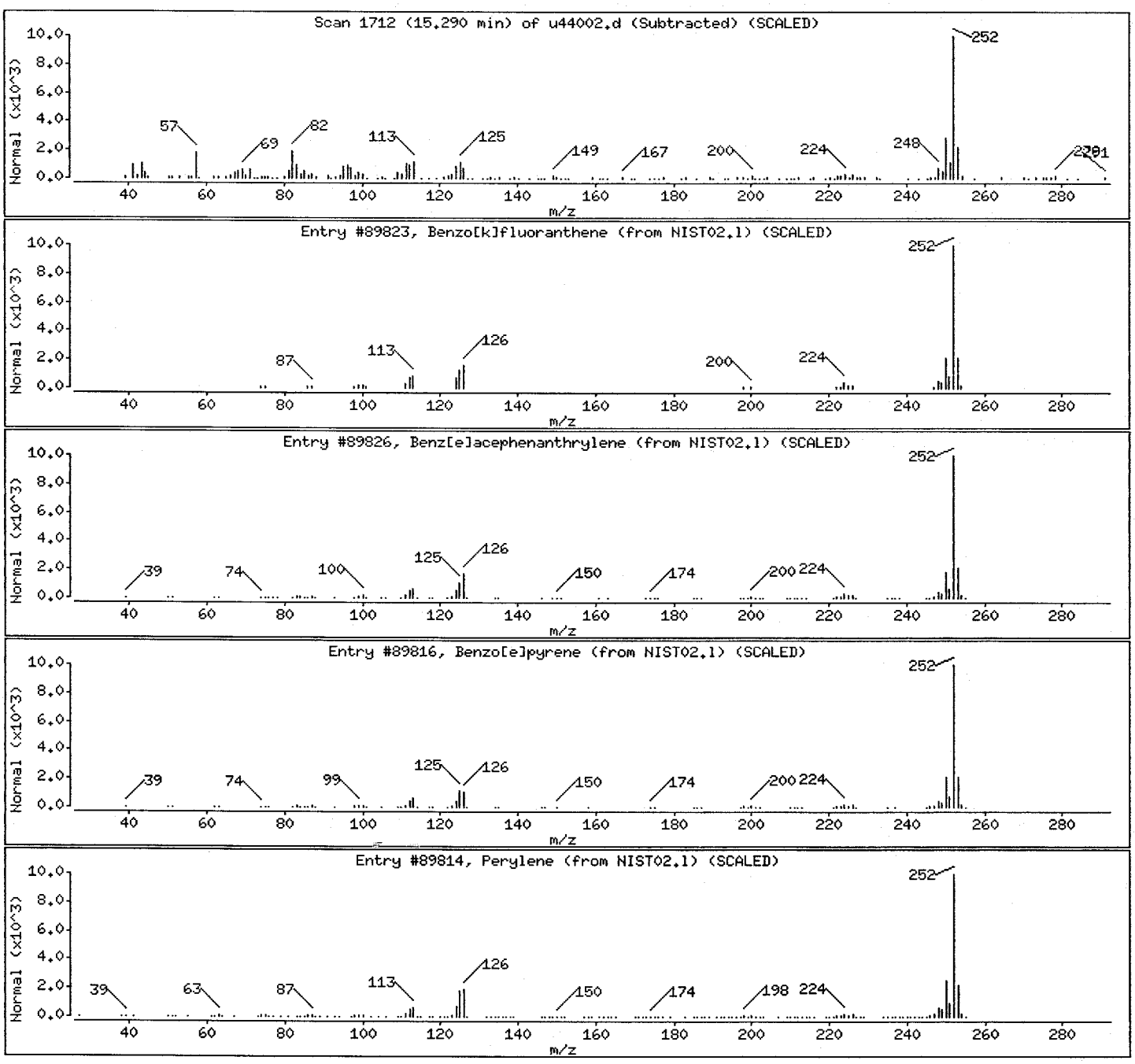
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH						
Benzo[k]fluoranthene	207-08-9	NIST02.l	89823	93	C20H12	252
Benz[e]acephenanthrylene	205-99-2	NIST02.l	89826	91	C20H12	252
Benzo[e]pyrene	192-97-2	NIST02.l	89816	90	C20H12	252
Perylene	198-55-0	NIST02.l	89814	90	C20H12	252



Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u44002.d

Date : 09-APR-2008 17:36

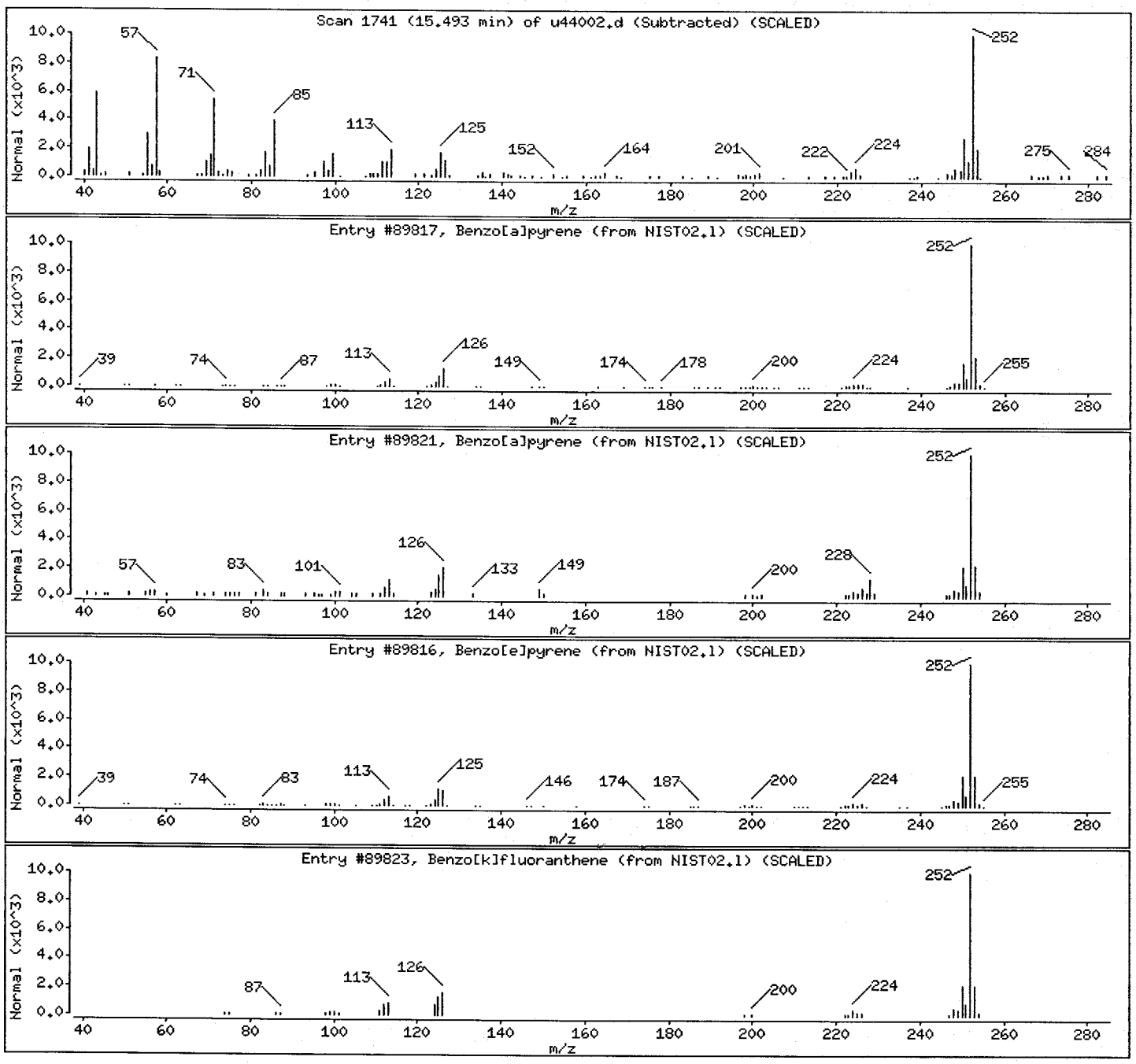
Client ID: 032608-1555 Instrument: BNAMS4.i

Sample Info: 908709;4225907

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH						
Benzo[a]pyrene	50-32-8	NIST02.l	89817	68	C20H12	252
Benzo[a]pyrene	50-32-8	NIST02.l	89821	64	C20H12	252
Benzo[e]pyrene	192-97-2	NIST02.l	89816	60	C20H12	252
Benzo[k]fluoranthene	207-08-9	NIST02.l	89823	60	C20H12	252



Tuning Results Summary

SEMI-VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab File ID: U43988 DFTPP Injection Date: 04/09/08

Instrument ID: BNAMS4 DFTPP Injection Time: 1109

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	37.0
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	43.7
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	49.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 30.0% of mass 198	20.0
365	Greater than 1.0% of mass 198	2.01
441	0.0 - 100.0% of mass 443	13.9 (90.3)2
442	40.0 - 110.0% of mass 198	86.4
443	17.0 - 23.0% of mass 442	15.4 (17.9)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	USTD050	USTD050	U43989	04/09/08	1128
02	USTD120	USTD120	U43990	04/09/08	1152
03	USTD005	USTD005	U43991	04/09/08	1215
04	USTD080	USTD080	U43992	04/09/08	1239
05	USTD020	USTD020	U43993	04/09/08	1302
06	USTD010	USTD010	U43994	04/09/08	1326
07	032608-1435	908703	U43997	04/09/08	1538
08	032508-1805	908696	U43998	04/09/08	1602
09	032608-1355	908701	U43999	04/09/08	1625
10	032608-1550	908708	U44001	04/09/08	1712
11	032608-1555	908709	U44002	04/09/08	1736
12	032608-0905	908698	U44003	04/09/08	1759
13					
14					
15					
16					
17					
18					

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43988.d

Date : 09-APR-2008 11:09

Client ID:

Instrument: BNAMS4.i

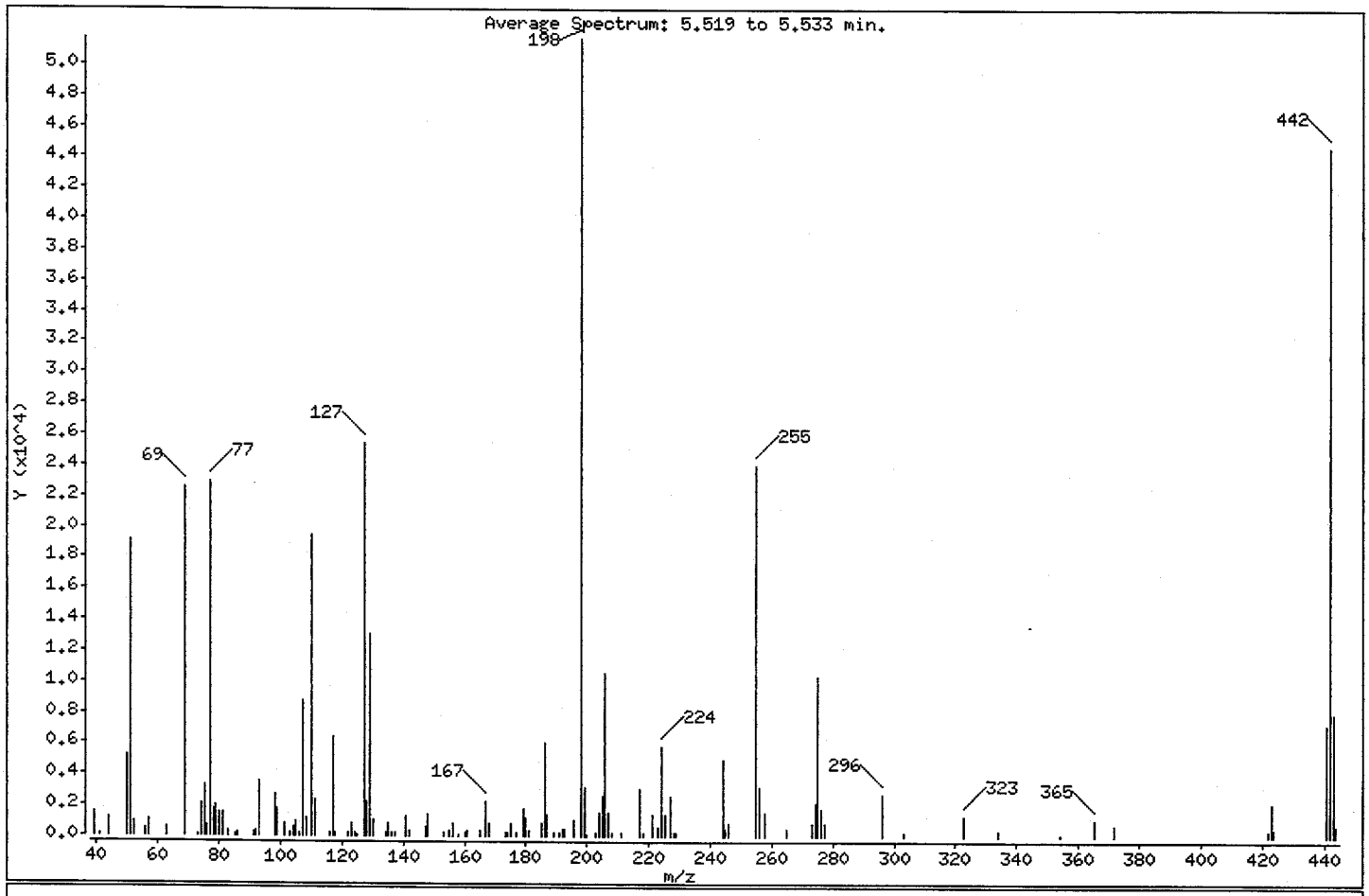
Sample Info: UDFTPP100

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	36.99
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	43.67
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	49.31
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.26
275	10.00 - 30.00% of mass 198	19.97
365	Greater than 1.00% of mass 198	2.01
441	0.01 - 100.00% of mass 443	13.95 (90.33)
442	40.00 - 110.00% of mass 198	86.39
443	17.00 - 23.00% of mass 442	15.44 (17.87)

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43988.d

Date : 09-APR-2008 11:09

Client ID:

Instrument: BNAMS4.i

Sample Info: UDFTPP100

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: u43988.d

Spectrum: Average Spectrum: 5.519 to 5.533 min.

Location of Maximum: 198.00

Number of points: 124

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1511	107.00	8756	173.00	181	228.00	251
41.00	174	108.00	1212	174.00	281	229.00	280
44.00	1209	110.00	19432	175.00	845	244.00	4987
50.00	5184	111.00	2358	177.00	235	245.00	467
51.00	19104	116.00	191	179.00	1826	246.00	887
52.00	942	117.00	6455	180.00	1190	255.00	24008
56.00	496	118.00	220	181.00	300	256.00	3262
57.00	1104	122.00	218	185.00	852	258.00	1506
63.00	585	123.00	828	186.00	6036	265.00	518
69.00	22552	124.00	206	187.00	1449	273.00	800
73.00	176	125.00	176	189.00	187	274.00	2157
74.00	2177	127.00	25464	191.00	191	275.00	10316
75.00	3351	128.00	2238	192.00	444	276.00	1767
76.00	748	129.00	13019	193.00	424	277.00	847
77.00	22968	130.00	1022	196.00	1033	296.00	2676
78.00	1741	134.00	187	198.00	51648	303.00	222
79.00	2068	135.00	882	199.00	3232	323.00	1249
80.00	1593	136.00	187	200.00	176	334.00	379
81.00	1600	137.00	216	203.00	188	354.00	171
83.00	382	141.00	1349	204.00	1493	365.00	1036
85.00	174	142.00	363	205.00	2607	372.00	689
86.00	273	147.00	605	206.00	10556	422.00	386
91.00	268	148.00	1393	207.00	1572	423.00	2150
92.00	353	153.00	231	208.00	253	424.00	432
93.00	3586	155.00	383	211.00	225	441.00	7204
98.00	2710	156.00	864	217.00	3063	442.00	44616
99.00	1823	158.00	177	218.00	210	443.00	7975
101.00	865	160.00	195	221.00	1418	444.00	693
103.00	233	161.00	383	223.00	613		
104.00	619	165.00	318	224.00	5776		
105.00	895	167.00	2293	225.00	1453		
106.00	225	168.00	803	227.00	2623		

Data File: /chem/BNAMS4.i/8270/04-09-08/09apr08.b/u43988.d

Date : 09-APR-2008 11:09

Client ID:

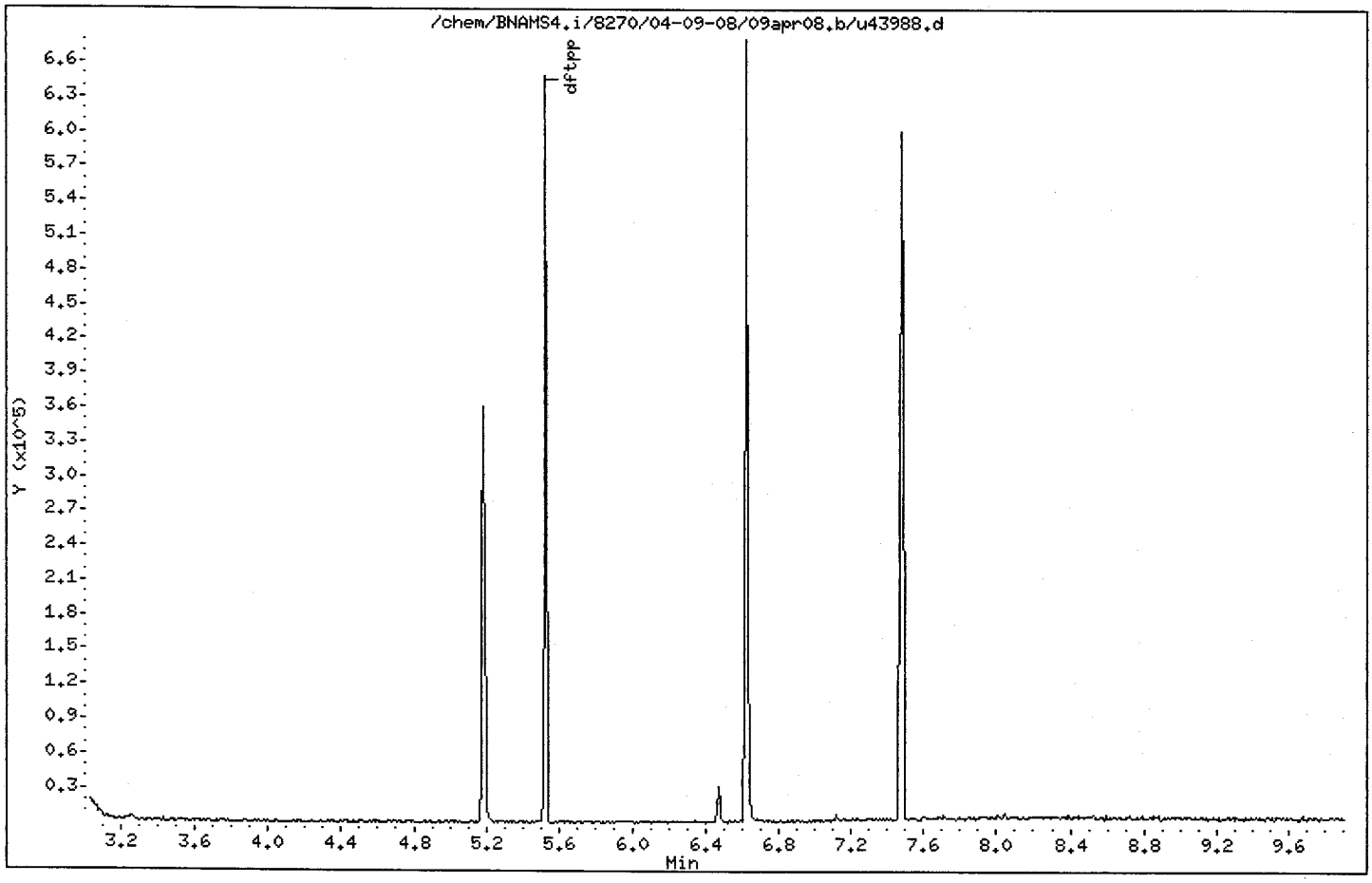
Instrument: BNAMS4.i

Sample Info: UDFTPP100

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25



SEMI-VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab File ID: U44013 DFTPP Injection Date: 04/10/08

Instrument ID: BNAMS4 DFTPP Injection Time: 0921

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	37.7
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	49.2
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	48.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	22.3
365	Greater than 1.0% of mass 198	3.12
441	0.0 - 100.0% of mass 443	15.8 (82.5)2
442	40.0 - 110.0% of mass 198	92.0
443	17.0 - 23.0% of mass 442	19.1 (20.8)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	USTD101	USTD101	U44014	04/10/08	0949
02	032508-1645R	908689R1	U44026	04/10/08	1459
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					

Data File: /chem/BNAMS4.i/8270/04-09-08/10apr08.b/u44013.d

Date : 10-APR-2008 09:21

Client ID:

Instrument: BNAMS4.i

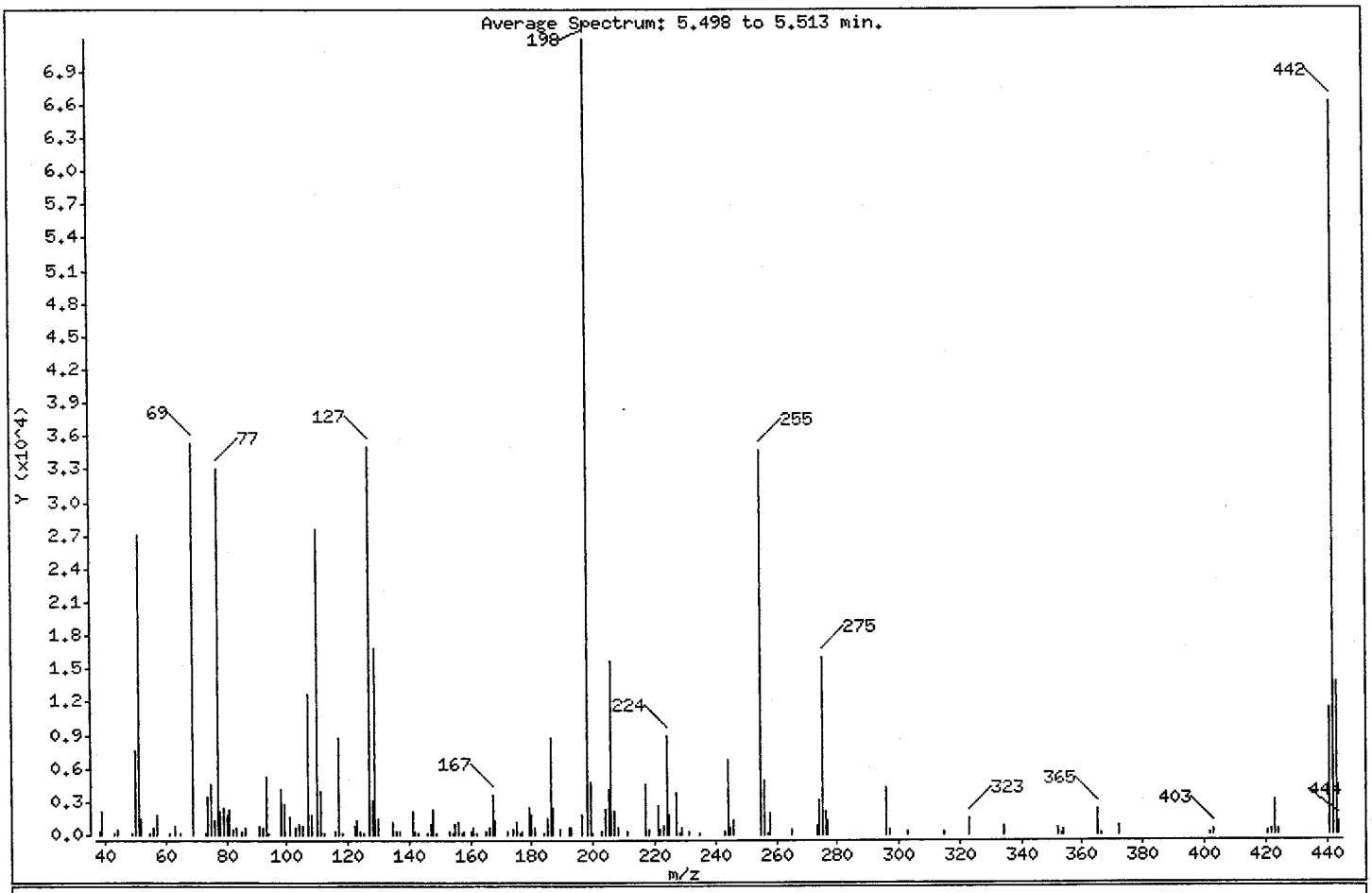
Sample Info: UDFTPP101

Operator: BNAMS3

Column phase: DB-5

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	37.69
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	49.23
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	48.82
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.68
275	10.00 - 30.00% of mass 198	22.30
365	Greater than 1.00% of mass 198	3.12
441	0.01 - 100.00% of mass 443	15.76 (82.47)
442	40.00 - 110.00% of mass 198	91.98
443	17.00 - 23.00% of mass 442	19.11 (20.77)

Data File: /chem/BNAMS4.i/8270/04-09-08/10apr08.b/u44013.d

Date : 10-APR-2008 09:21

Client ID:

Instrument: BNAMS4.i

Sample Info: UDFTPP101

Operator: BNAMS3

Column phase: DB-5

Column diameter: 0.25

Data File: u44013.d

Spectrum: Average Spectrum: 5.498 to 5.513 min.

Location of Maximum: 198.00

Number of points: 151

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	332	107.00	12784	168.00	1352	235.00	177
39.00	2210	108.00	1770	172.00	264	243.00	267
43.00	176	110.00	27648	174.00	508	244.00	6712
44.00	483	111.00	3935	175.00	1181	245.00	641
49.00	173	112.00	234	176.00	178	246.00	1308
50.00	7560	116.00	340	177.00	357	255.00	34744
51.00	27104	117.00	8817	179.00	2488	256.00	5027
52.00	1450	118.00	234	180.00	1793	257.00	210
55.00	246	122.00	890	181.00	593	258.00	1930
56.00	623	123.00	1283	184.00	175	265.00	547
57.00	1855	124.00	355	185.00	1455	273.00	888
61.00	218	125.00	222	186.00	8747	274.00	3154
63.00	859	127.00	35104	187.00	2479	275.00	16040
65.00	237	128.00	3191	189.00	563	276.00	2118
69.00	35408	129.00	16848	192.00	668	277.00	1267
73.00	177	130.00	1433	193.00	723	296.00	4231
74.00	3495	135.00	1143	196.00	1789	297.00	463
75.00	4677	136.00	396	198.00	71920	303.00	410
76.00	1356	137.00	263	199.00	4803	315.00	366
77.00	33048	141.00	2140	200.00	193	323.00	1472
78.00	2203	142.00	296	203.00	347	334.00	791
79.00	2513	143.00	213	204.00	2237	352.00	619
80.00	1795	146.00	185	205.00	4128	353.00	209
81.00	2254	147.00	1001	206.00	15634	354.00	435
82.00	452	148.00	2245	207.00	2120	365.00	2245
83.00	683	149.00	210	208.00	622	366.00	172
85.00	353	153.00	351	211.00	305	372.00	817
86.00	607	154.00	184	217.00	4650	402.00	202
91.00	777	155.00	976	218.00	448	403.00	521
92.00	705	156.00	1177	221.00	2728	421.00	344
93.00	5300	157.00	227	222.00	531	422.00	430
94.00	245	158.00	261	223.00	848	423.00	3189
98.00	4074	160.00	254	224.00	8898	424.00	436
99.00	2796	161.00	634	225.00	1773	441.00	11335
101.00	1571	162.00	187	227.00	3734	442.00	66152

Data File: /chem/BNAMS4.i/8270/04-09-08/10apr08.b/u44013.d

Date : 10-APR-2008 09:21

Client ID:

Instrument: BNAMS4.i

Sample Info: UDFTPP101

Operator: BNAMS3

Column phase: DB-5

Column diameter: 0.25

Data File: u44013.d

Spectrum: Average Spectrum: 5.498 to 5.513 min.

Location of Maximum: 198.00

Number of points: 151

m/z	Y	m/z	Y	m/z	Y	m/z	Y
103.00	667	165.00	334	228.00	218	443.00	13744
104.00	996	166.00	583	229.00	588	444.00	1095
105.00	900	167.00	3634	231.00	283		

Data File: /chem/BNAMS4.i/8270/04-09-08/10apr08.b/u44013.d

Date : 10-APR-2008 09:21

Client ID:

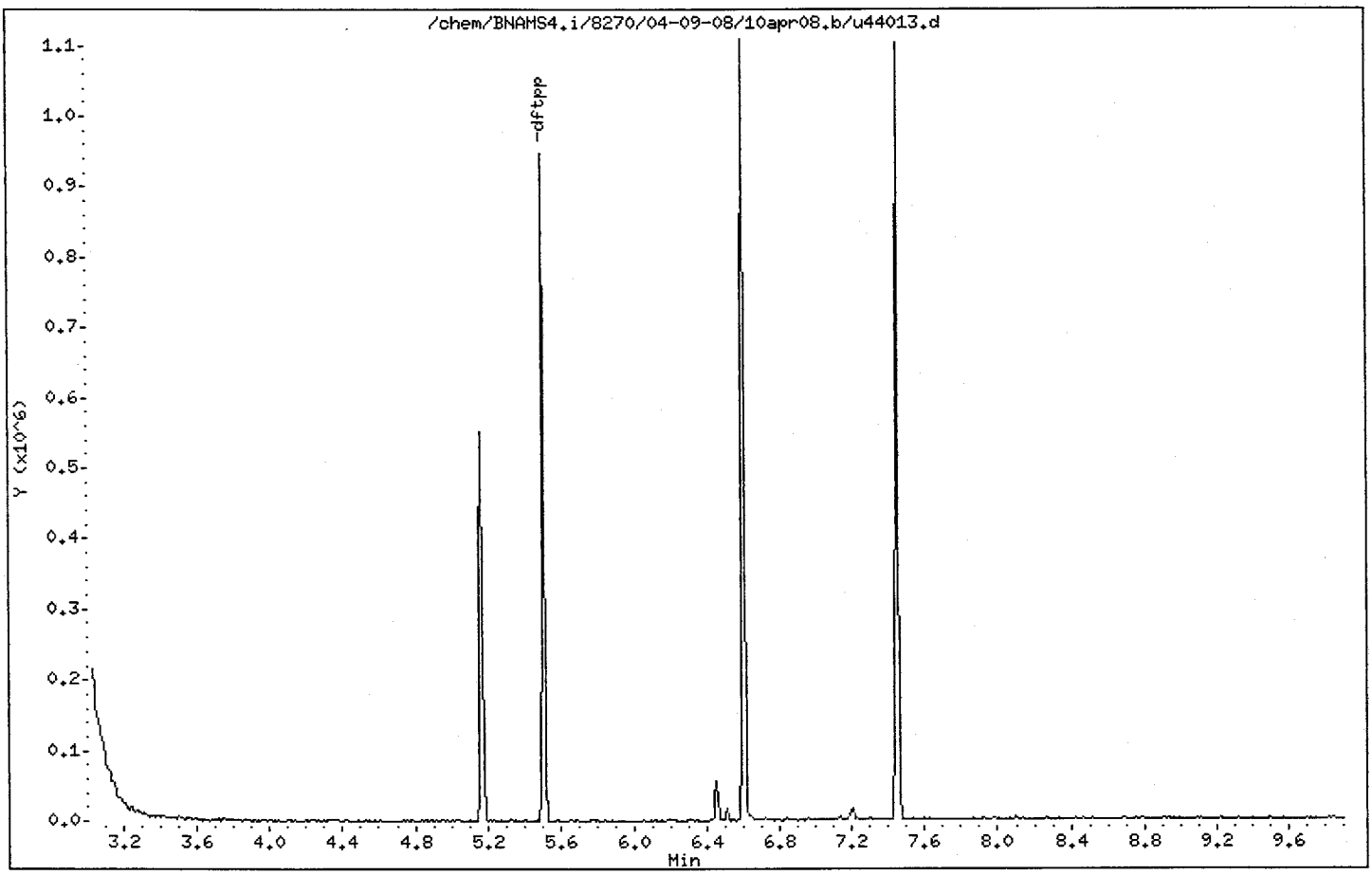
Instrument: BNAMS4.i

Sample Info: UDFTPP101

Operator: BNAMS3

Column phase: DB-5

Column diameter: 0.25



SEMI-VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab File ID: M33963

DFTPP Injection Date: 04/02/08

Instrument ID: BNAMS6

DFTPP Injection Time: 2004

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	41.6
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	56.8
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	50.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	21.5
365	Greater than 1.0% of mass 198	2.32
441	0.0 - 100.0% of mass 443	9.4 (75.3)2
442	40.0 - 110.0% of mass 198	64.4
443	17.0 - 23.0% of mass 442	12.5 (19.4)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	MSTD093	MSTD093	M33964	04/02/08	2022
02	MSTD120	MSTD120	M33965	04/02/08	2045
03	MSTD005	MSTD005	M33966	04/02/08	2109
04	MSTD080	MSTD080	M33967	04/02/08	2133
05	MSTD020	MSTD020	M33968	04/02/08	2157
06	MSTD010	MSTD010	M33969	04/02/08	2221
07					
08					
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17					
18					

Data File: /chem/BNAMS6.i/8270/04-02-08/02apr08.b/m33963.d

Date : 02-APR-2008 20:04

Client ID:

Instrument: BNAMS6.i

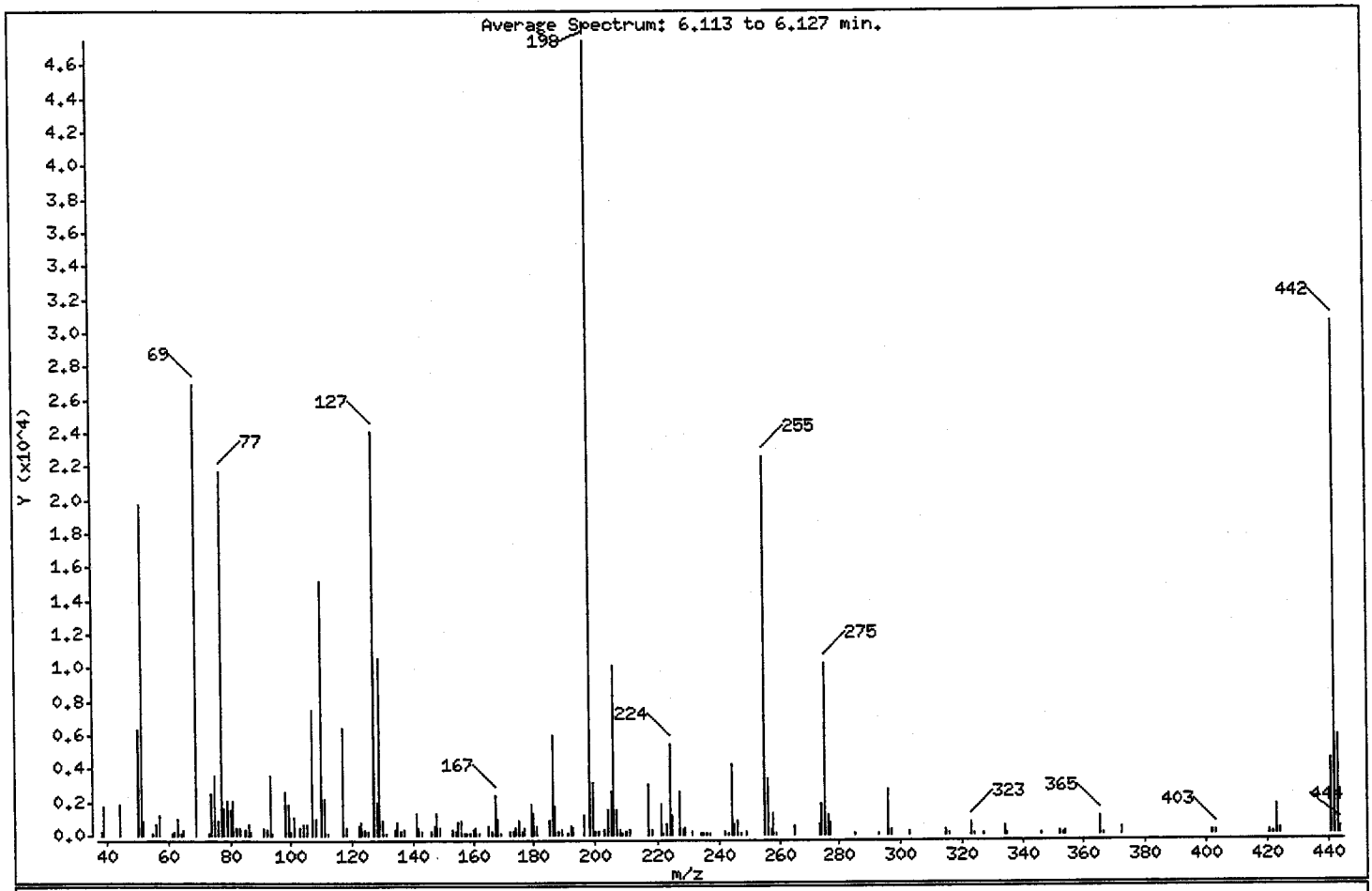
Sample Info: MDFTPP093

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	41.57
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	56.76
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	50.74
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.71
275	10.00 - 30.00% of mass 198	21.52
365	Greater than 1.00% of mass 198	2.32
441	0.01 - 100.00% of mass 443	9.40 (75.34)
442	40.00 - 110.00% of mass 198	64.35
443	17.00 - 23.00% of mass 442	12.47 (19.38)

Data File: /chem/BNAMS6.i/8270/04-02-08/02apr08.b/m33963.d

Date : 02-APR-2008 20:04

Client ID:

Instrument: BNAMS6.i

Sample Info: MDFTPP093

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: m33963.d

Spectrum: Average Spectrum: 6.113 to 6.127 min.

Location of Maximum: 198.00

Number of points: 175

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	249	112.00	128	179.00	1892	246.00	828
39.00	1693	117.00	6486	180.00	1260	247.00	88
44.00	1824	118.00	480	181.00	539	249.00	178
50.00	6282	122.00	519	185.00	840	255.00	22528
51.00	19720	123.00	782	186.00	6004	256.00	3426
52.00	895	124.00	332	187.00	1738	257.00	273
55.00	95	125.00	240	188.00	173	258.00	1344
56.00	706	127.00	24072	189.00	312	259.00	112
57.00	1242	128.00	1931	191.00	103	265.00	512
61.00	123	129.00	10602	192.00	513	273.00	620
62.00	252	130.00	850	193.00	483	274.00	1826
63.00	929	131.00	95	196.00	1191	275.00	10208
64.00	85	134.00	309	198.00	47440	276.00	1251
65.00	380	135.00	772	199.00	3183	277.00	743
69.00	26928	136.00	215	200.00	214	285.00	69
73.00	88	137.00	312	201.00	181	293.00	157
74.00	2489	141.00	1304	203.00	326	296.00	2735
75.00	3580	142.00	441	204.00	1564	297.00	290
76.00	892	143.00	197	205.00	2569	303.00	229
77.00	21712	146.00	224	206.00	10146	315.00	297
78.00	1641	147.00	500	207.00	1487	316.00	66
79.00	2056	148.00	1335	208.00	349	323.00	767
80.00	1528	149.00	388	209.00	82	324.00	79
81.00	2063	153.00	359	210.00	170	327.00	82
82.00	484	154.00	260	211.00	338	334.00	496
83.00	408	155.00	740	217.00	3054	335.00	69
85.00	308	156.00	898	218.00	286	346.00	76
86.00	607	157.00	100	221.00	1822	352.00	217
87.00	179	158.00	127	222.00	157	353.00	156
91.00	430	159.00	109	223.00	634	354.00	241
92.00	325	160.00	327	224.00	5506	365.00	1102
93.00	3570	161.00	476	225.00	1232	366.00	79
94.00	86	162.00	72	227.00	2564	372.00	389
98.00	2631	165.00	508	228.00	351	402.00	188
99.00	1883	166.00	197	229.00	440	403.00	214

Data File: /chem/BNAMS6.i/8270/04-02-08/02apr08.b/m33963.d

Date : 02-APR-2008 20:04

Client ID:

Instrument: BNAMS6.i

Sample Info: MDFTPP093

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: m33963.d
Spectrum: Average Spectrum: 6.113 to 6.127 min.
Location of Maximum: 198.00
Number of points: 175

m/z	Y	m/z	Y	m/z	Y	m/z	Y
100.00	173	167.00	2409	231.00	179	421.00	213
101.00	1110	168.00	993	234.00	150	422.00	113
103.00	406	169.00	96	235.00	73	423.00	1724
104.00	706	172.00	257	236.00	73	424.00	319
105.00	662	173.00	211	237.00	75	441.00	4458
107.00	7560	174.00	446	242.00	243	442.00	30528
108.00	959	175.00	854	243.00	74	443.00	5917
110.00	15147	176.00	265	244.00	4267	444.00	411
111.00	2168	177.00	414	245.00	664		

Data File: /chem/BNAMS6.i/8270/04-02-08/02apr08.b/m33963.d

Date : 02-APR-2008 20:04

Client ID:

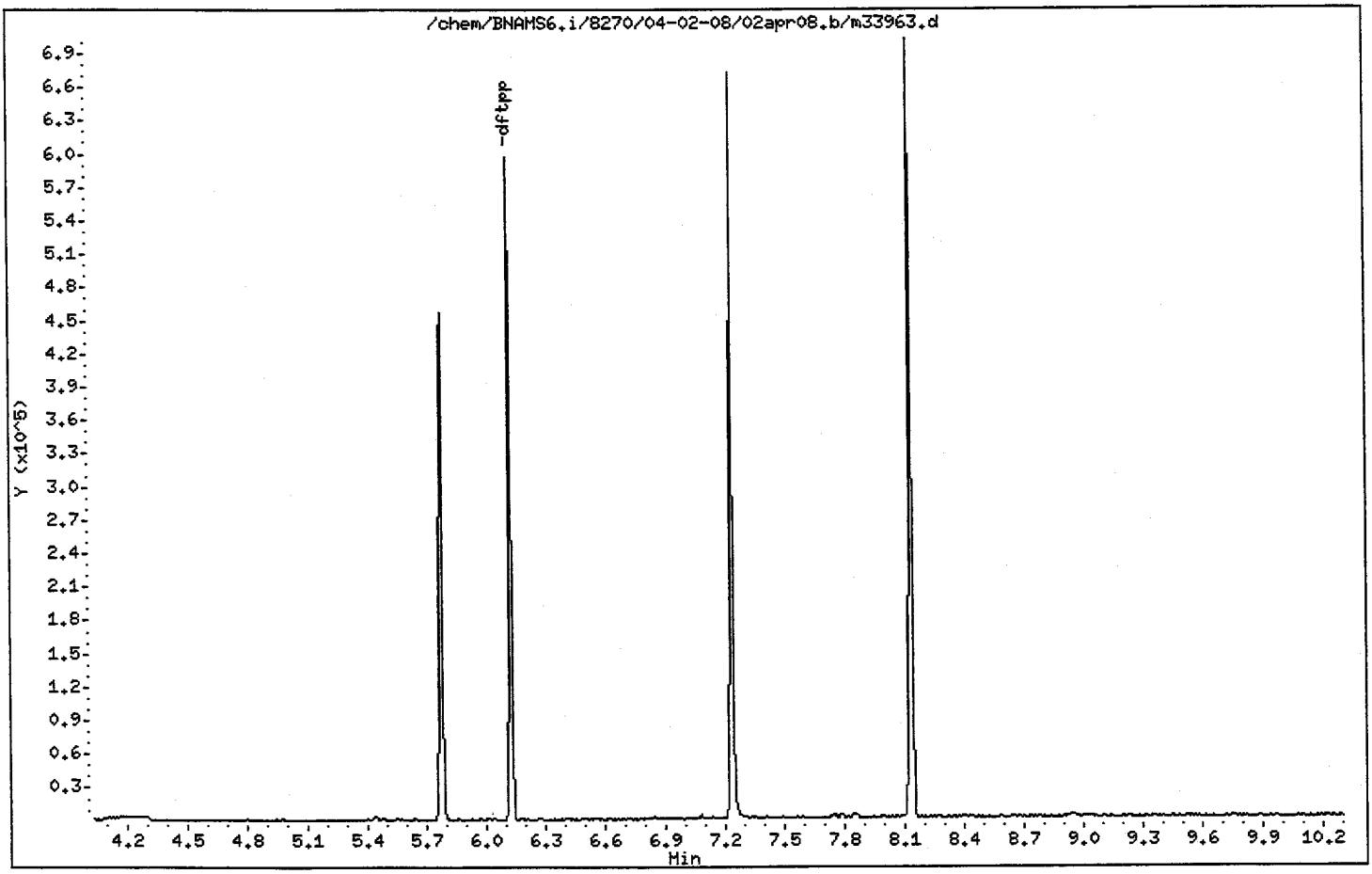
Instrument: BNAMS6.i

Sample Info: MDFTPP093

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25



SEMI-VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab File ID: M34051

DFTPP Injection Date: 04/07/08

Instrument ID: BNAMS6

DFTPP Injection Time: 1544

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	43.5
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	56.6
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	50.2
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 30.0% of mass 198	21.3
365	Greater than 1.0% of mass 198	1.90
441	0.0 - 100.0% of mass 443	10.3 (79.4)2
442	40.0 - 110.0% of mass 198	68.1
443	17.0 - 23.0% of mass 442	13.0 (19.1)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	MSTD099	MSTD099	M34052	04/07/08	1603
02	7084BS	7084BS	M34053	04/07/08	1630
03	SB091	SB091	M34054	04/07/08	1654
04	032508-1710	908690	M34058	04/07/08	1831
05	032508-1710M	908690MS	M34059	04/07/08	1855
06	032508-1710M	908690MSD	M34060	04/07/08	1919
07	032508-1720	908691	M34061	04/07/08	1943
08	032508-1725	908692	M34062	04/07/08	2007
09	032508-1730	908693	M34063	04/07/08	2031
10	032508-1745	908694	M34064	04/07/08	2055
11	032508-1750	908695	M34067	04/07/08	2207
12					
13					
14					
15					
16					
17					
18					

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34051.d

Date : 07-APR-2008 15:44

Client ID:

Instrument: BNAMS6.i

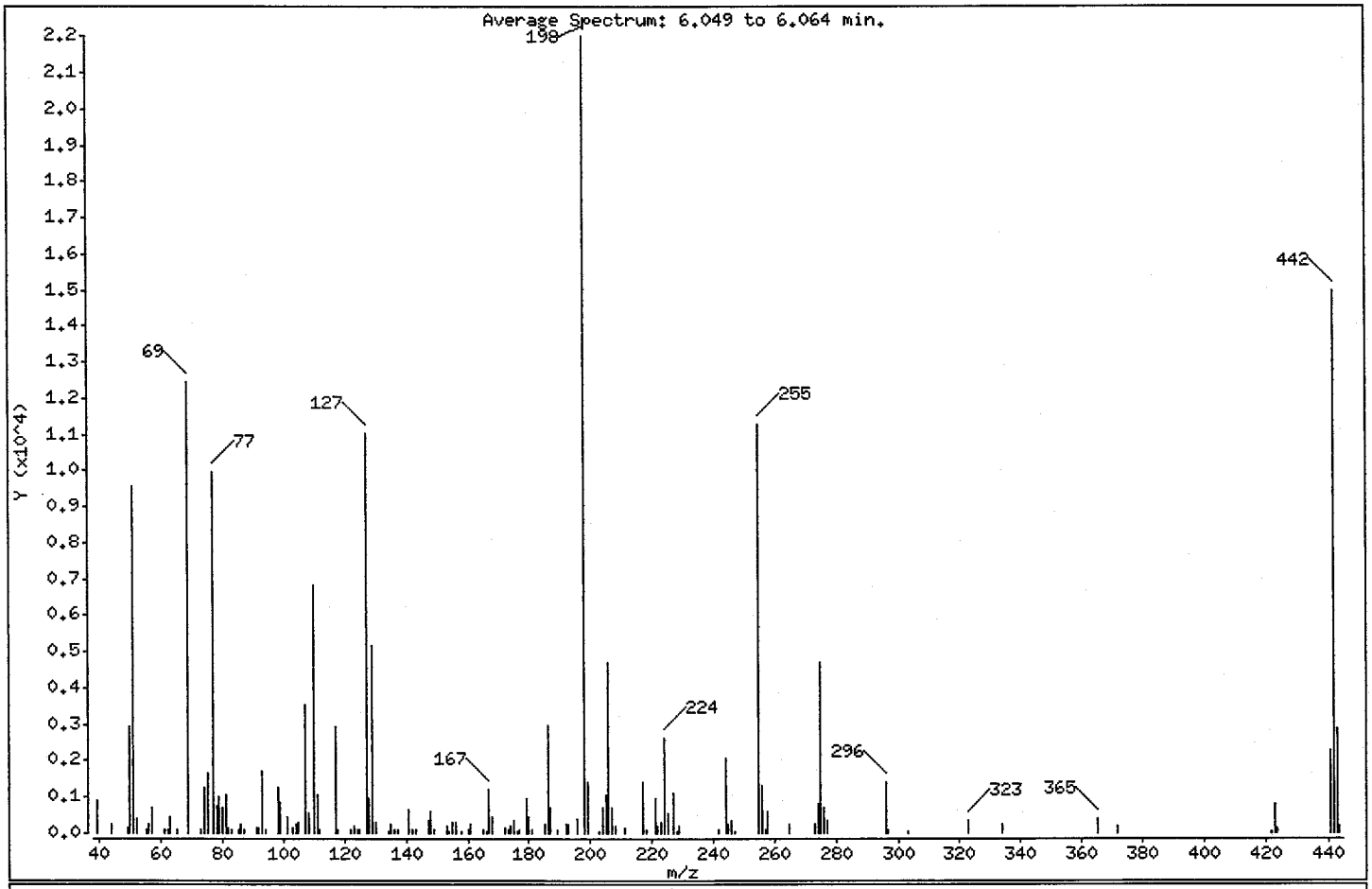
Sample Info: MDFTPP098a

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	43.47
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	56.57
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	50.19
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.43
275	10.00 - 30.00% of mass 198	21.34
365	Greater than 1.00% of mass 198	1.90
441	0.01 - 100.00% of mass 443	10.33 (79.36)
442	40.00 - 110.00% of mass 198	68.10
443	17.00 - 23.00% of mass 442	13.02 (19.12)

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34051.d

Date : 07-APR-2008 15:44

Client ID:

Instrument: BNAMS6.i

Sample Info: MDFTPP098a

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: m34051.d

Spectrum: Average Spectrum: 6.049 to 6.064 min.

Location of Maximum: 198.00

Number of points: 137

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	927	104.00	237	166.00	70	227.00	1111
44.00	247	105.00	317	167.00	1221	228.00	73
49.00	138	107.00	3519	168.00	473	229.00	206
50.00	2923	108.00	556	172.00	153	242.00	79
51.00	9574	110.00	6819	173.00	87	244.00	2069
52.00	412	111.00	1057	174.00	188	245.00	255
55.00	80	112.00	77	175.00	370	246.00	347
56.00	265	117.00	2944	176.00	73	247.00	75
57.00	685	118.00	93	177.00	124	255.00	11286
61.00	80	122.00	102	179.00	966	256.00	1331
62.00	95	123.00	219	180.00	458	257.00	111
63.00	444	124.00	113	181.00	124	258.00	585
65.00	82	125.00	79	185.00	252	265.00	255
69.00	12459	127.00	11053	186.00	2998	273.00	274
73.00	88	128.00	956	187.00	698	274.00	807
74.00	1258	129.00	5143	189.00	120	275.00	4700
75.00	1694	130.00	305	192.00	233	276.00	732
77.00	9961	134.00	73	193.00	263	277.00	362
78.00	764	135.00	276	196.00	408	296.00	1396
79.00	993	136.00	97	198.00	22016	297.00	89
80.00	721	137.00	116	199.00	1417	303.00	70
81.00	1078	141.00	669	203.00	72	323.00	347
82.00	153	142.00	88	204.00	726	334.00	278
83.00	110	143.00	90	205.00	1075	365.00	418
85.00	90	147.00	330	206.00	4709	372.00	227
86.00	254	148.00	603	207.00	715	422.00	71
87.00	79	149.00	82	208.00	191	423.00	794
91.00	139	153.00	178	211.00	150	424.00	147
92.00	143	154.00	67	217.00	1412	441.00	2276
93.00	1715	155.00	292	218.00	84	442.00	14997
94.00	93	156.00	325	221.00	973	443.00	2868
98.00	1270	158.00	68	222.00	226	444.00	203
99.00	843	160.00	99	223.00	322		
101.00	479	161.00	241	224.00	2630		
103.00	132	165.00	116	225.00	558		

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34051.d

Date : 07-APR-2008 15:44

Client ID:

Instrument: BNAMS6.i

Sample Info: MDFTPP098a

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: m34051.d

Spectrum: Average Spectrum: 6.049 to 6.064 min.

Location of Maximum: 198.00

Number of points: 137

m/z	Y	m/z	Y	m/z	Y	m/z	Y

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34051.d

Date : 07-APR-2008 15:44

Client ID:

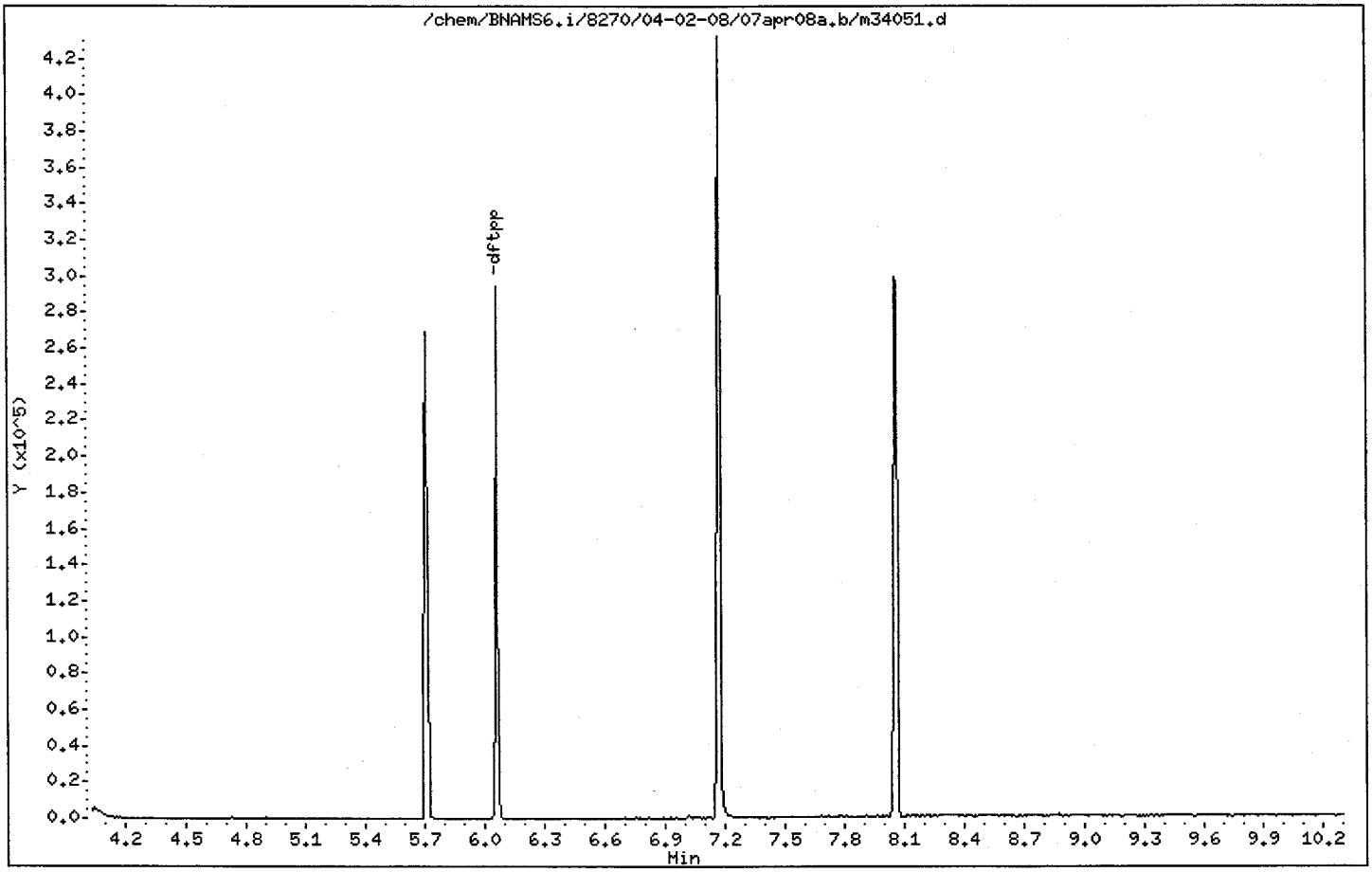
Instrument: BNAMS6.i

Sample Info: MDFTPP098a

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25



SEMI-VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab File ID: M34086 DFTPP Injection Date: 04/08/08

Instrument ID: BNAMS6 DFTPP Injection Time: 1001

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	38.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	56.2
70	Less than 2.0% of mass 69	0.3 (0.6)1
127	40.0 - 60.0% of mass 198	46.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	21.5
365	Greater than 1.0% of mass 198	2.47
441	0.0 - 100.0% of mass 443	10.7 (76.8)2
442	40.0 - 110.0% of mass 198	70.8
443	17.0 - 23.0% of mass 442	13.9 (19.7)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	MSTD099	MSTD099	M34087	04/08/08	1025
02	032608-0900	908697	M34088	04/08/08	1115
03	032608-1440	908704	M34090	04/08/08	1203
04	032608-1445	908705	M34091	04/08/08	1227
05	032608-1505	908706	M34093	04/08/08	1315
06	032608-0910	908699	M34094	04/08/08	1339
07	032608-1410	908702	M34096	04/08/08	1426
08	032608-1510	908707	M34097	04/08/08	1450
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34086.d

Date : 08-APR-2008 10:01

Client ID:

Instrument: BNAMS6.i

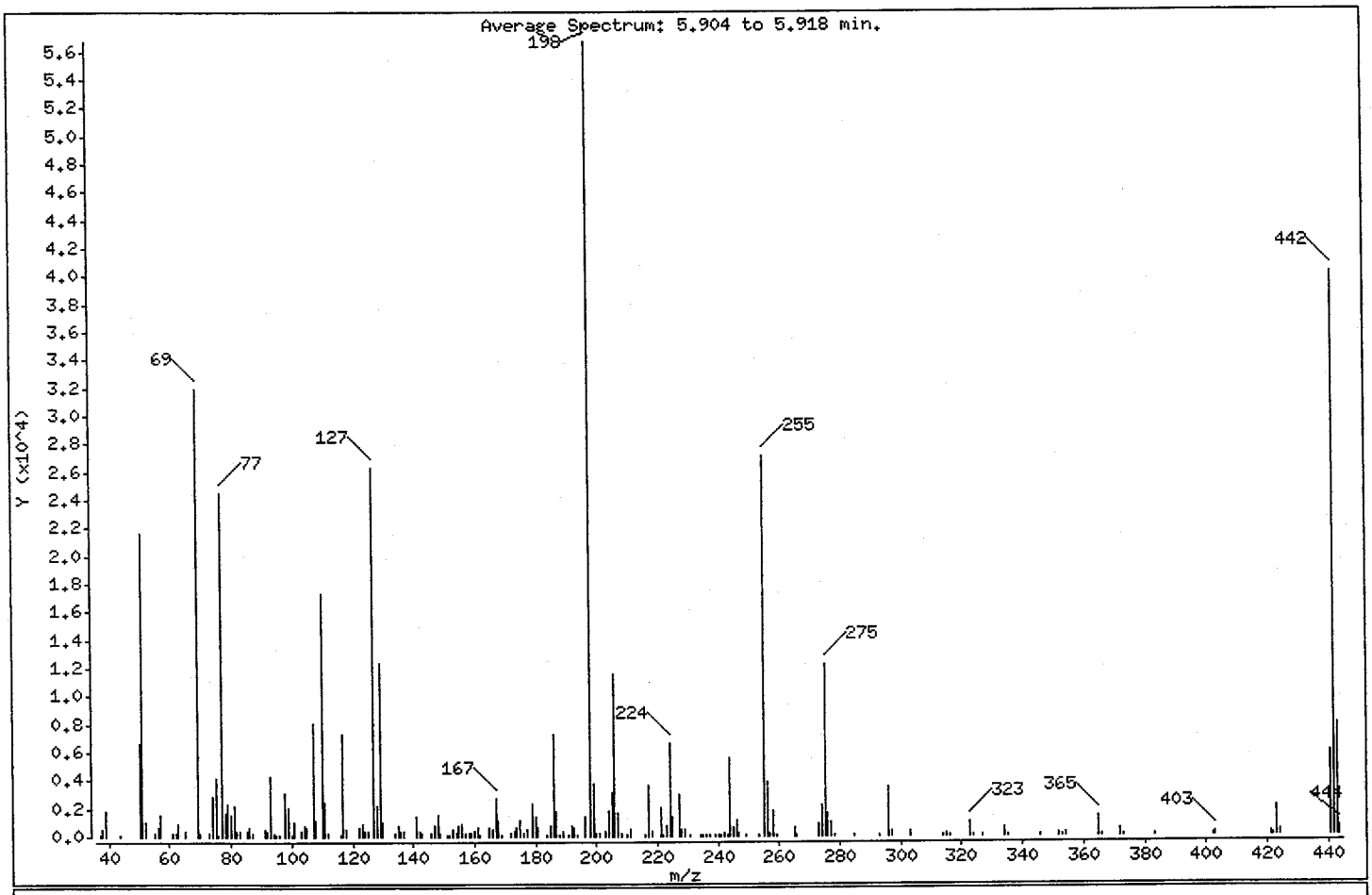
Sample Info: MDFTPP099

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	38.19
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	56.25
70	Less than 2.00% of mass 69	0.35 (0.62)
127	40.00 - 60.00% of mass 198	46.50
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.57
275	10.00 - 30.00% of mass 198	21.53
365	Greater than 1.00% of mass 198	2.47
441	0.01 - 100.00% of mass 443	10.68 (76.76)
442	40.00 - 110.00% of mass 198	70.81
443	17.00 - 23.00% of mass 442	13.92 (19.66)

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34086.d

Date : 08-APR-2008 10:01

Client ID:

Instrument: BNAMS6.i

Sample Info: MDFTPP099

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: m34086.d
Spectrum: Average Spectrum: 5.904 to 5.918 min.
Location of Maximum: 198.00
Number of points: 191

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	184	116.00	89	184.00	107	249.00	193
38.00	465	117.00	7322	185.00	724	253.00	81
39.00	1846	118.00	543	186.00	7330	255.00	27128
44.00	166	122.00	606	187.00	1833	256.00	3954
50.00	6701	123.00	895	188.00	171	257.00	278
51.00	21680	124.00	332	189.00	430	258.00	1763
52.00	1095	125.00	327	191.00	95	259.00	134
55.00	254	127.00	26392	192.00	786	265.00	715
56.00	679	128.00	2168	193.00	645	266.00	75
57.00	1580	129.00	12416	194.00	91	273.00	852
61.00	236	130.00	989	196.00	1385	274.00	2206
62.00	292	134.00	300	198.00	56760	275.00	12221
63.00	914	135.00	822	199.00	3731	276.00	1682
65.00	415	136.00	395	200.00	241	277.00	1066
69.00	31928	137.00	390	201.00	227	278.00	90
70.00	197	141.00	1379	203.00	425	285.00	78
73.00	279	142.00	383	204.00	1815	293.00	107
74.00	2830	143.00	267	205.00	3078	296.00	3555
75.00	4232	146.00	257	206.00	11553	297.00	432
76.00	105	147.00	776	207.00	1671	303.00	383
77.00	24560	148.00	1577	208.00	303	314.00	84
78.00	1684	149.00	225	210.00	146	315.00	291
79.00	2336	151.00	84	211.00	577	316.00	93
80.00	1537	152.00	71	216.00	107	323.00	982
81.00	2200	153.00	519	217.00	3687	324.00	79
82.00	433	154.00	282	218.00	432	327.00	116
83.00	445	155.00	771	221.00	2110	334.00	675
85.00	370	156.00	974	222.00	86	335.00	77
86.00	646	157.00	252	223.00	827	346.00	131
87.00	288	158.00	212	224.00	6612	352.00	318
91.00	564	159.00	220	225.00	1481	353.00	105
92.00	383	160.00	445	227.00	3039	354.00	227
93.00	4296	161.00	662	228.00	536	365.00	1401
94.00	283	162.00	184	229.00	550	366.00	89
95.00	69	165.00	622	231.00	124	372.00	575

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34086.d

Date : 08-APR-2008 10:01

Client ID:

Instrument: BNAMS6.i

Sample Info: MDFTPP099

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: m34086.d
Spectrum: Average Spectrum: 5.904 to 5.918 min.
Location of Maximum: 198.00
Number of points: 191

m/z	Y	m/z	Y	m/z	Y	m/z	Y
96.00	150	166.00	528	234.00	177	373.00	80
98.00	3193	167.00	2756	235.00	153	383.00	99
99.00	2074	168.00	1166	236.00	85	402.00	186
100.00	182	169.00	121	237.00	193	403.00	269
101.00	1042	172.00	253	239.00	78	421.00	206
103.00	362	173.00	328	240.00	68	422.00	138
104.00	836	174.00	618	241.00	91	423.00	2047
105.00	676	175.00	1118	242.00	258	424.00	376
107.00	8075	176.00	210	243.00	136	441.00	6065
108.00	1176	177.00	517	244.00	5554	442.00	40192
110.00	17312	179.00	2394	245.00	681	443.00	7901
111.00	2524	180.00	1413	246.00	1169	444.00	634
112.00	307	181.00	624	247.00	216		

Data File: /chem/BNAMS6.i/8270/04-02-08/08apr08.b/m34086.d

Date : 08-APR-2008 10:01

Client ID:

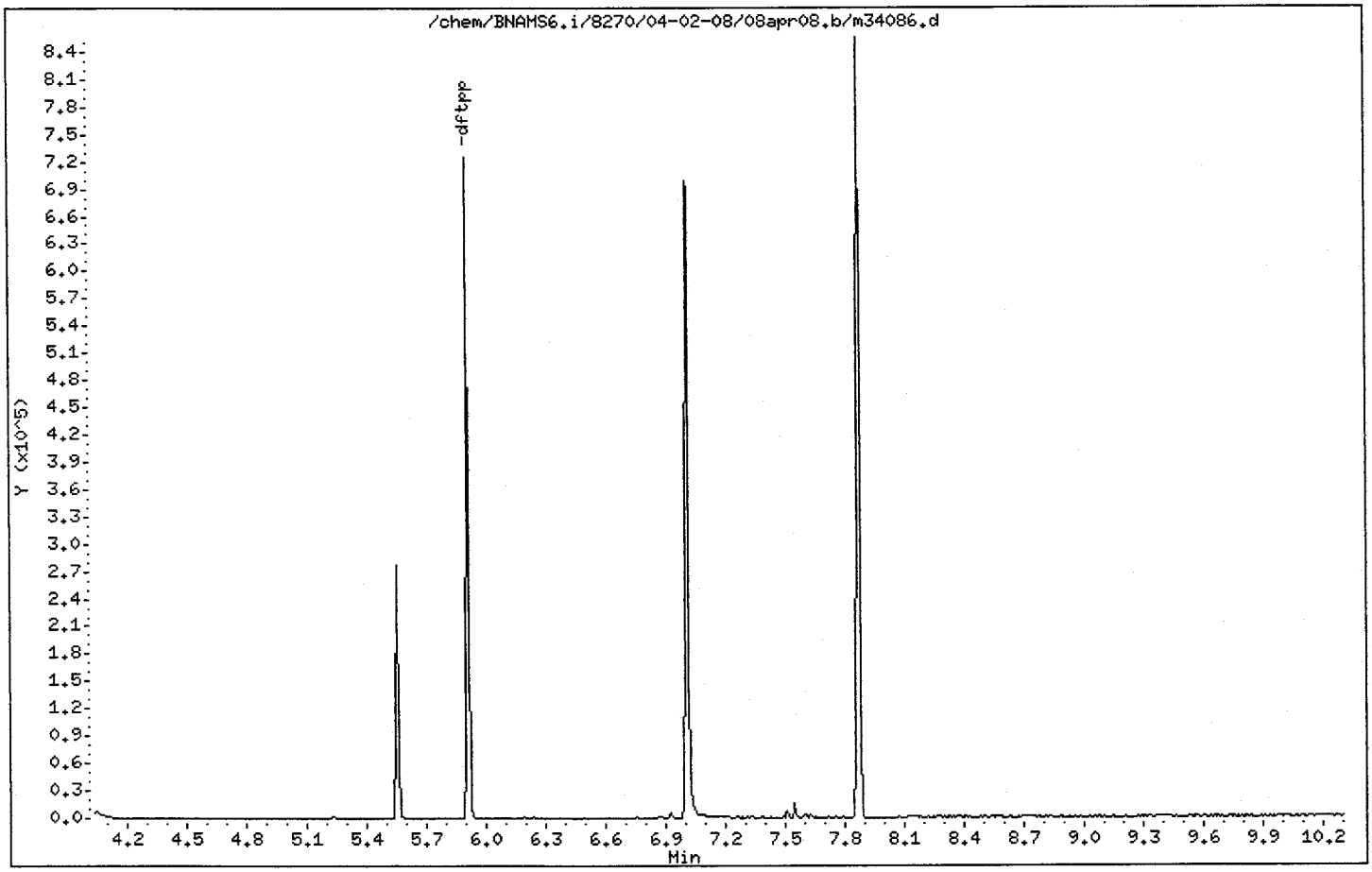
Instrument: BNAMS6.i

Sample Info: MDFTPP099

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25



SEMI-VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab File ID: M34130 DFTPP Injection Date: 04/10/08

Instrument ID: BNAMS6 DFTPP Injection Time: 0803

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	38.1
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	52.3
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	50.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	21.3
365	Greater than 1.0% of mass 198	2.27
441	0.0 - 100.0% of mass 443	9.8 (71.6)2
442	40.0 - 110.0% of mass 198	68.1
443	17.0 - 23.0% of mass 442	13.6 (20.0)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	MSTD050	MSTD050	M34131	04/10/08	0829
02	MSTD120	MSTD120	M34132	04/10/08	0853
03	MSTD005	MSTD005	M34133	04/10/08	0917
04	MSTD080	MSTD080	M34134	04/10/08	0941
05	MSTD020	MSTD020	M34135	04/10/08	1005
06	MSTD010	MSTD010	M34136	04/10/08	1030
07	032508-1645	908689	M34148	04/10/08	1537
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					

Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34130.d

Date : 10-APR-2008 08:03

Client ID:

Instrument: BNAMS6.i

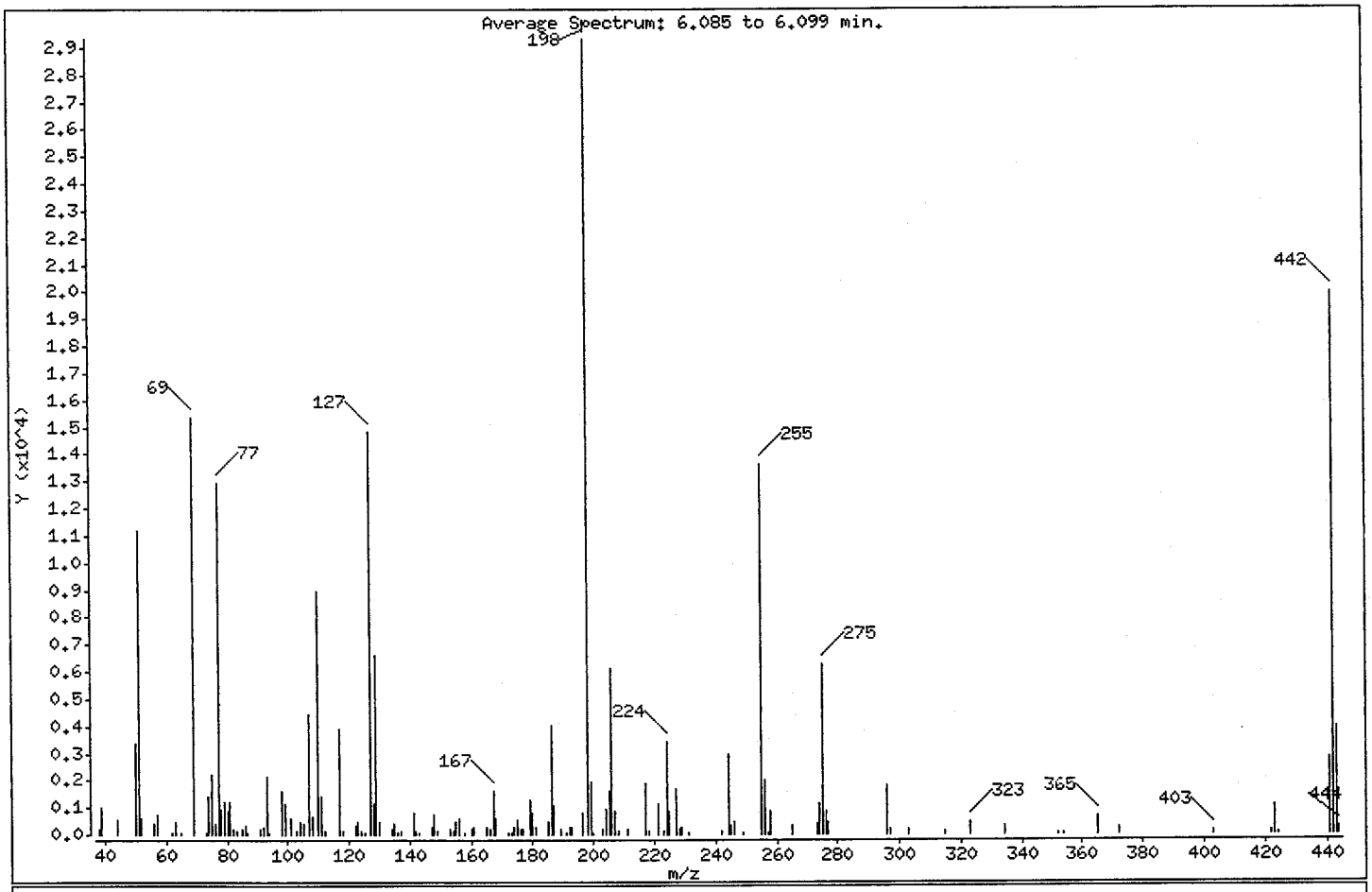
Sample Info: MDFTPP101

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	38.09
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	52.31
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	50.48
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.77
275	10.00 - 30.00% of mass 198	21.27
365	Greater than 1.00% of mass 198	2.27
441	0.01 - 100.00% of mass 443	9.76 (71.62)
442	40.00 - 110.00% of mass 198	68.05
443	17.00 - 23.00% of mass 442	13.63 (20.03)

Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34130.d

Date : 10-APR-2008 08:03

Client ID:

Instrument: BNAMS6.i

Sample Info: MDFTPP101

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: m34130.d
Spectrum: Average Spectrum: 6.085 to 6.099 min.
Location of Maximum: 198.00
Number of points: 142

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	180	107.00	4452	172.00	69	231.00	67
39.00	1026	108.00	658	173.00	82	242.00	156
44.00	573	110.00	8973	174.00	239	244.00	2985
50.00	3342	111.00	1399	175.00	557	245.00	367
51.00	11176	112.00	122	176.00	173	246.00	458
52.00	594	117.00	3878	177.00	207	249.00	76
56.00	421	118.00	142	179.00	1277	255.00	13640
57.00	759	122.00	312	180.00	787	256.00	2032
62.00	93	123.00	447	181.00	276	257.00	72
63.00	464	124.00	123	185.00	476	258.00	854
65.00	94	125.00	98	186.00	4066	265.00	345
69.00	15348	127.00	14811	187.00	1061	273.00	386
73.00	72	128.00	1126	189.00	209	274.00	1161
74.00	1402	129.00	6603	191.00	70	275.00	6240
75.00	2200	130.00	500	192.00	297	276.00	882
76.00	377	134.00	179	193.00	279	277.00	461
77.00	12953	135.00	424	196.00	815	296.00	1808
78.00	933	136.00	92	198.00	29336	297.00	187
79.00	1202	137.00	115	199.00	1986	303.00	215
80.00	867	141.00	793	200.00	67	315.00	163
81.00	1194	142.00	124	203.00	184	323.00	474
82.00	231	143.00	69	204.00	961	334.00	322
83.00	135	147.00	268	205.00	1625	352.00	83
85.00	190	148.00	758	206.00	6129	354.00	85
86.00	341	149.00	161	207.00	857	365.00	667
87.00	82	153.00	216	208.00	118	372.00	237
91.00	235	154.00	108	211.00	219	403.00	141
92.00	274	155.00	464	217.00	1864	422.00	149
93.00	2176	156.00	592	218.00	165	423.00	1060
94.00	75	158.00	67	221.00	1131	424.00	98
98.00	1619	160.00	169	223.00	154	441.00	2865
99.00	1113	161.00	262	224.00	3418	442.00	19968
101.00	579	165.00	252	225.00	853	443.00	4000
103.00	108	166.00	209	227.00	1700	444.00	301
104.00	460	167.00	1605	228.00	230		

Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34130.d

Date : 10-APR-2008 08:03

Client ID:

Instrument: BNAMS6.i

Sample Info: MDFTPP101

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: m34130.d

Spectrum: Average Spectrum: 6.085 to 6.099 min.

Location of Maximum: 198.00

Number of points: 142

m/z	Y	m/z	Y	m/z	Y	m/z	Y
105.00	398	168.00	591	229.00	257		

Data File: /chem/BNAMS6.i/8270/04-10-08/10apr08.b/m34130.d

Date : 10-APR-2008 08:03

Client ID:

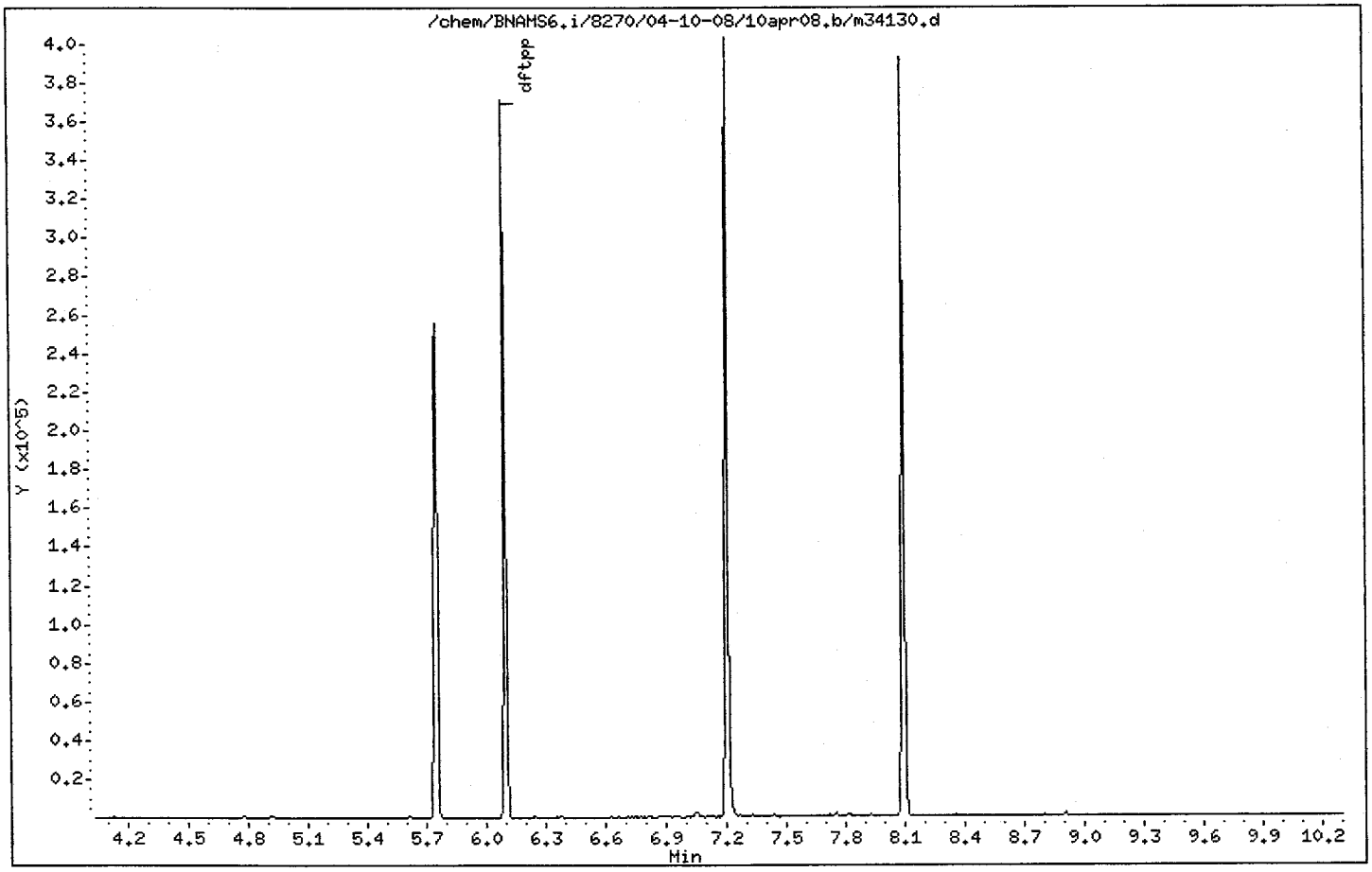
Instrument: BNAMS6.i

Sample Info: MDFTPP101

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25



SEMI-VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab File ID: AA3169

DFTPP Injection Date: 04/07/08

Instrument ID: BNAMS8

DFTPP Injection Time: 0914

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	43.8
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	53.0
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	48.1
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	18.6
365	Greater than 1.0% of mass 198	2.75
441	0.0 - 100.0% of mass 443	7.7 (83.1)2
442	40.0 - 110.0% of mass 198	48.1
443	17.0 - 23.0% of mass 442	9.2 (19.2)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	AASTD050	AASTD050	AA3171	04/07/08	1017
02	AASTD120	AASTD120	AA3172	04/07/08	1101
03	AASTD005	AASTD005	AA3173	04/07/08	1125
04	AASTD080	AASTD080	AA3174	04/07/08	1149
05	AASTD020	AASTD020	AA3175	04/07/08	1213
06	AASTD010	AASTD010	AA3176	04/07/08	1237
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					

Data File: /chem/BNAMS8.i/8270/04-07-08/07apr08.b/aa3169.d

Date : 07-APR-2008 09:14

Client ID:

Instrument: BNAMS8.i

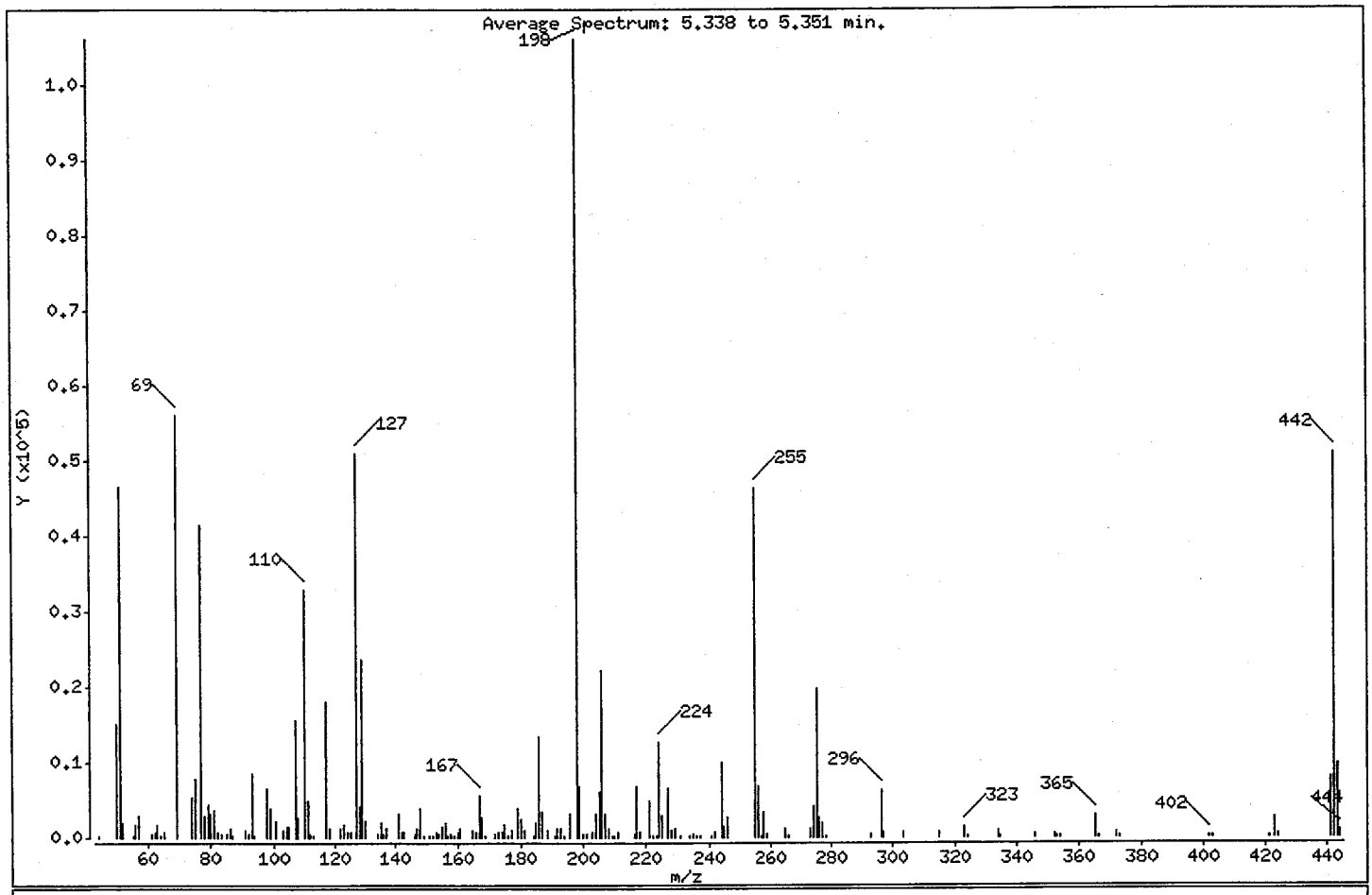
Sample Info: AADFTPP098

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	43.84
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	52.95
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	48.09
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.54
275	10.00 - 30.00% of mass 198	18.57
365	Greater than 1.00% of mass 198	2.75
441	0.01 - 100.00% of mass 443	7.68 (83.10)
442	40.00 - 110.00% of mass 198	48.13
443	17.00 - 23.00% of mass 442	9.24 (19.19)

417 107

Data File: /chem/BNAMS8.i/8270/04-07-08/07apr08.b/aa3169.d

Date : 07-APR-2008 09:14

Client ID:

Instrument: BNAMS8.i

Sample Info: AADFTPP098

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: aa3169.d

Spectrum: Average Spectrum: 5.338 to 5.351 min.

Location of Maximum: 198.00

Number of points: 170

m/z	Y	m/z	Y	m/z	Y	m/z	Y
44.00	306	122.00	1237	181.00	992	245.00	1374
50.00	15218	123.00	1805	184.00	218	246.00	2577
51.00	46552	124.00	785	185.00	1910	255.00	46440
52.00	1981	125.00	726	186.00	13379	256.00	6903
55.00	183	127.00	51072	187.00	3336	257.00	297
56.00	1706	128.00	4216	189.00	875	258.00	3405
57.00	2986	129.00	23584	191.00	177	259.00	439
61.00	519	130.00	2126	192.00	1248	265.00	1151
62.00	766	134.00	553	193.00	1340	266.00	185
63.00	1786	135.00	1912	194.00	178	273.00	1144
64.00	174	136.00	563	196.00	3120	274.00	4150
65.00	717	137.00	1193	198.00	106200	275.00	19712
69.00	56232	141.00	3150	199.00	6948	276.00	2635
74.00	5348	142.00	771	200.00	425	277.00	1974
75.00	7821	143.00	648	201.00	525	278.00	174
77.00	41496	146.00	537	203.00	680	293.00	464
78.00	2910	147.00	1180	204.00	3197	296.00	6382
79.00	4386	148.00	3846	205.00	6198	297.00	743
80.00	3095	149.00	308	206.00	22224	303.00	620
81.00	3747	151.00	252	207.00	3196	315.00	663
82.00	830	152.00	174	208.00	1147	323.00	1540
83.00	531	153.00	784	209.00	196	324.00	189
85.00	595	154.00	559	210.00	294	334.00	1051
86.00	1302	155.00	1505	211.00	815	335.00	190
87.00	301	156.00	1904	216.00	395	346.00	409
91.00	883	157.00	225	217.00	6892	352.00	560
92.00	558	158.00	388	218.00	798	353.00	175
93.00	8524	159.00	267	221.00	4835	354.00	260
94.00	257	160.00	672	222.00	175	365.00	2918
98.00	6541	161.00	1181	223.00	266	366.00	264
99.00	3857	165.00	1044	224.00	12782	372.00	798
101.00	2151	166.00	786	225.00	2876	373.00	186
103.00	859	167.00	5659	227.00	6658	402.00	211
104.00	1426	168.00	2634	228.00	1084	403.00	185
105.00	1493	169.00	288	229.00	1151	421.00	182

Data File: /chem/BNAMS8.i/8270/04-07-08/07apr08.b/aa3169.d

Date : 07-APR-2008 09:14

Client ID:

Instrument: BNAMS8.i

Sample Info: AADFTPP098

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: aa3169.d

Spectrum: Average Spectrum: 5.338 to 5.351 min.

Location of Maximum: 198.00

Number of points: 170

m/z	Y	m/z	Y	m/z	Y	m/z	Y
107.00	15702	172.00	519	231.00	179	423.00	2723
108.00	2582	173.00	665	234.00	186	424.00	469
110.00	33016	174.00	700	235.00	415	441.00	8152
111.00	4884	175.00	1820	236.00	210	442.00	51104
112.00	557	176.00	215	237.00	169	443.00	9810
113.00	198	177.00	1074	241.00	193	444.00	1006
117.00	18176	179.00	3803	242.00	698		
118.00	1325	180.00	2560	244.00	9991		

Data File: /chem/BNAMS8.i/8270/04-07-08/07apr08.b/aa3169.d

Date : 07-APR-2008 09:14

Client ID:

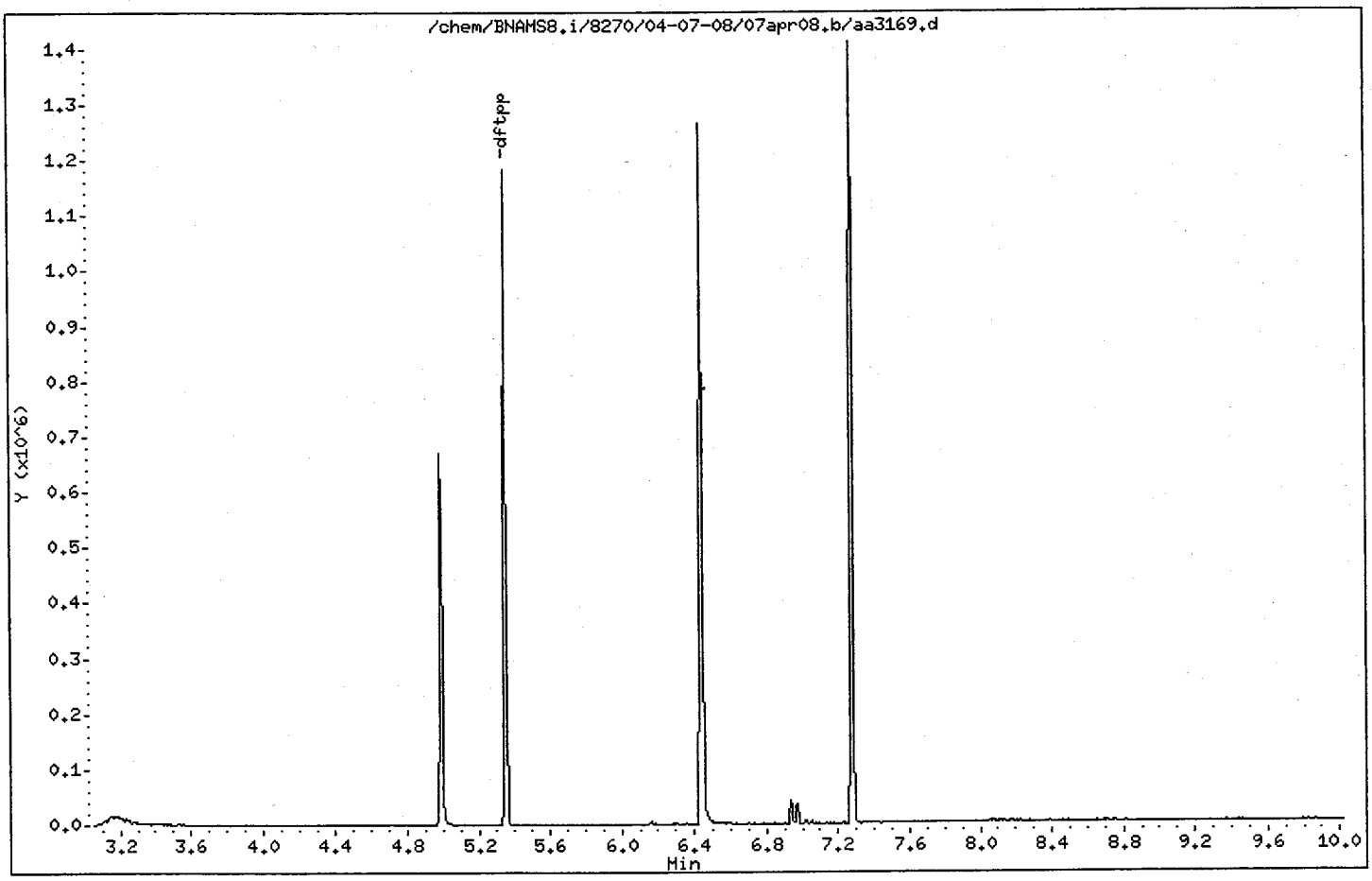
Instrument: BNAMS8.i

Sample Info: AADFTPP098

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25



SEMI-VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab File ID: AA3202

DFTPP Injection Date: 04/08/08

Instrument ID: BNAMS8

DFTPP Injection Time: 0815

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	39.1
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	49.7
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	45.1
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	19.9
365	Greater than 1.0% of mass 198	3.17
441	0.0 - 100.0% of mass 443	8.5 (75.7)2
442	40.0 - 110.0% of mass 198	56.9
443	17.0 - 23.0% of mass 442	11.2 (19.7)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	AASTD099	AASTD099	AA3203	04/08/08	0833
02	WB098R	WB098R	AA3204	04/08/08	0915
03	032608-1330	908700	AA3210	04/08/08	1139
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					

Data File: /chem/BNAMS8.i/8270/04-07-08/08apr08.b/aa3202.d

Date : 08-APR-2008 08:15

Client ID:

Instrument: BNAMS8.i

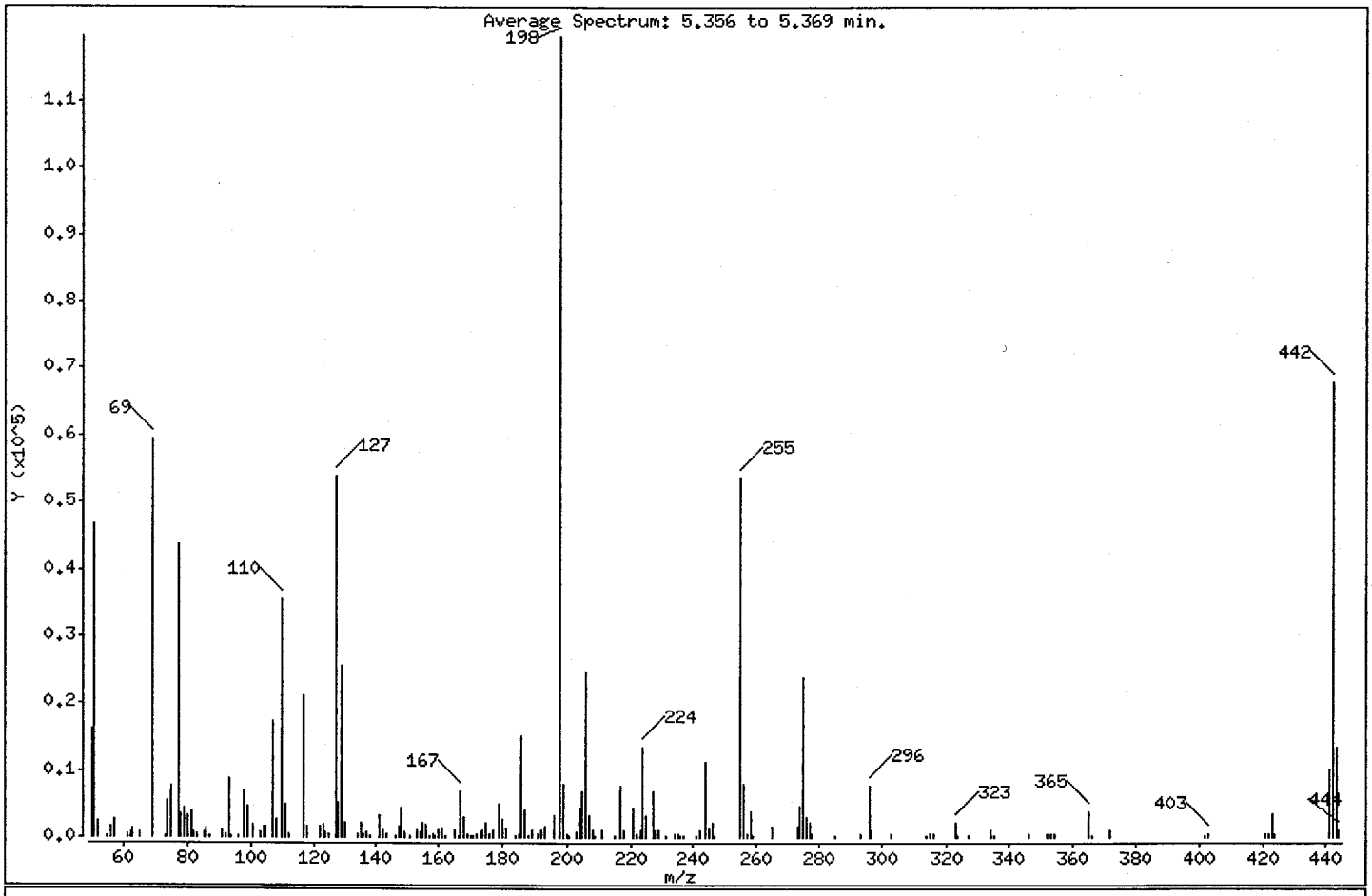
Sample Info: AADFTPP099

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

1 dftpp



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m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	39.09
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	49.72
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	45.11
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.62
275	10.00 - 30.00% of mass 198	19.89
365	Greater than 1.00% of mass 198	3.17
441	0.01 - 100.00% of mass 443	8.46 (75.70)
442	40.00 - 110.00% of mass 198	56.89
443	17.00 - 23.00% of mass 442	11.18 (19.65)

Data File: /chem/BNAMS8.i/8270/04-07-08/08apr08.b/aa3202.d

Date : 08-APR-2008 08:15

Client ID:

Instrument: BNAMS8.i

Sample Info: AADFTPP099

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: aa3202.d

Spectrum: Average Spectrum: 5.356 to 5.369 min.

Location of Maximum: 198.00

Number of points: 175

m/z	Y	m/z	Y	m/z	Y	m/z	Y
50.00	16208	124.00	903	181.00	1350	247.00	402
51.00	46760	125.00	538	184.00	178	255.00	53736
52.00	2452	127.00	53968	185.00	479	256.00	7904
55.00	198	128.00	5335	186.00	14994	257.00	508
56.00	1658	129.00	25672	187.00	4013	258.00	3872
57.00	2884	130.00	2238	188.00	234	259.00	303
61.00	593	134.00	593	189.00	1215	265.00	1612
62.00	761	135.00	2192	191.00	456	273.00	1609
63.00	1477	136.00	627	192.00	1225	274.00	4713
65.00	709	137.00	897	193.00	1572	275.00	23792
69.00	59480	138.00	176	196.00	3364	276.00	2969
73.00	190	141.00	3214	198.00	119632	277.00	2250
74.00	5637	142.00	992	199.00	7921	278.00	475
75.00	7564	143.00	482	200.00	558	285.00	198
77.00	43736	146.00	387	201.00	352	293.00	546
78.00	3545	147.00	1564	203.00	707	296.00	7724
79.00	4452	148.00	4362	204.00	4407	297.00	1035
80.00	3167	149.00	784	205.00	6790	303.00	612
81.00	3790	151.00	212	206.00	24688	314.00	203
82.00	878	153.00	984	207.00	3258	315.00	558
83.00	622	154.00	877	208.00	1049	316.00	458
85.00	737	155.00	2138	209.00	203	323.00	2336
86.00	1444	156.00	2010	211.00	1043	324.00	233
87.00	309	157.00	251	215.00	180	327.00	202
91.00	1125	158.00	592	217.00	7696	334.00	1220
92.00	625	159.00	178	218.00	966	335.00	198
93.00	8937	160.00	1019	221.00	4430	346.00	564
94.00	258	161.00	1405	222.00	495	352.00	619
96.00	175	162.00	242	223.00	1051	353.00	430
98.00	6989	165.00	1176	224.00	13379	354.00	515
99.00	4668	166.00	317	225.00	3400	365.00	3787
101.00	2039	167.00	6740	227.00	6807	366.00	351
103.00	877	168.00	3068	228.00	1051	372.00	969
104.00	1587	169.00	540	229.00	1027	402.00	169
105.00	1621	170.00	172	231.00	398	403.00	523

Data File: /chem/BNAMS8.i/8270/04-07-08/08apr08.b/aa3202.d

Date : 08-APR-2008 08:15

Client ID:

Instrument: BNAMS8.i

Sample Info: AADFTPP099

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25

Data File: aa3202.d
Spectrum: Average Spectrum: 5.356 to 5.369 min.
Location of Maximum: 198.00
Number of points: 175

m/z	Y	m/z	Y	m/z	Y	m/z	Y
107.00	17288	171.00	202	234.00	456	421.00	438
108.00	2640	172.00	617	235.00	506	422.00	462
110.00	35416	173.00	848	236.00	186	423.00	3554
111.00	4872	174.00	1155	237.00	181	424.00	513
112.00	428	175.00	2236	241.00	171	441.00	10126
117.00	21256	176.00	482	242.00	973	442.00	68056
118.00	1559	177.00	1161	244.00	11372	443.00	13377
122.00	1581	179.00	4846	245.00	1367	444.00	1020
123.00	2010	180.00	2880	246.00	2281		

Data File: /chem/BNAMS8.i/8270/04-07-08/08apr08.b/aa3202.d

Date : 08-APR-2008 08:15

Client ID:

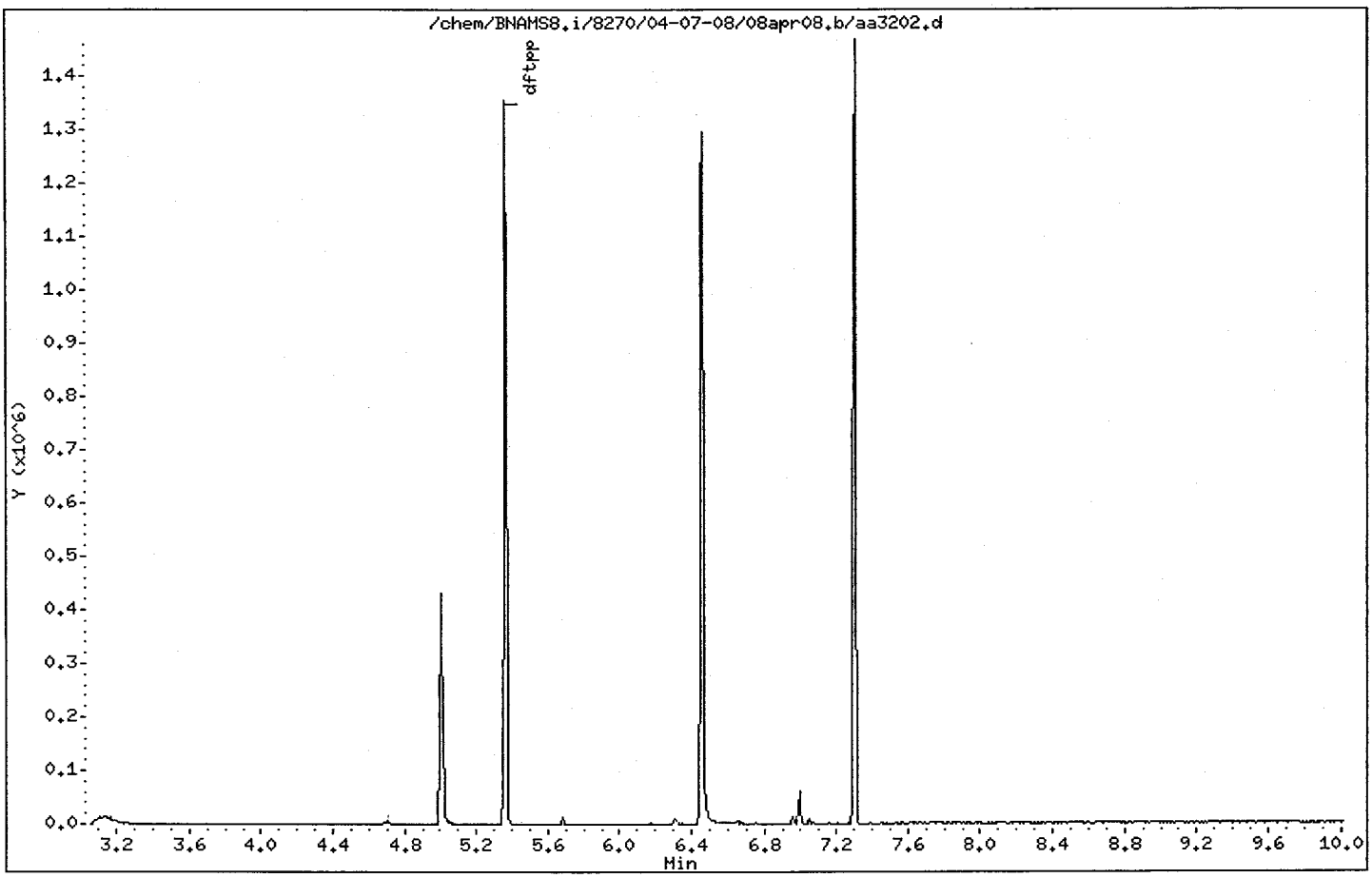
Instrument: BNAMS8.i

Sample Info: AADFTPP099

Operator: BNA2

Column phase: DB-5

Column diameter: 0.25



Method Blank Results Summary

LAB SAMPLE NO.

SEMIVOLATILE METHOD BLANK SUMMARY

SB091

Matrix: SOIL

Date Analyzed: 04/07/08

Level: LOW

Time Analyzed: 1654

Instrument ID: BNAMS6

Lab File ID: M34054

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE NO	LAB FILE ID	DATE ANALYZED
01	7084BS	7084BS	M34053	04/07/08
02	032508-1710	908690	M34058	04/07/08
03	032508-1710MS	908690MS	M34059	04/07/08
04	032508-1710MSD	908690MSD	M34060	04/07/08
05	032508-1720	908691	M34061	04/07/08
06	032508-1725	908692	M34062	04/07/08
07	032508-1730	908693	M34063	04/07/08
08	032508-1745	908694	M34064	04/07/08
09	032508-1750	908695	M34067	04/07/08
10	032608-0900	908697	M34088	04/08/08
11	032608-1440	908704	M34090	04/08/08
12	032608-1445	908705	M34091	04/08/08
13	032608-1505	908706	M34093	04/08/08
14	032608-0910	908699	M34094	04/08/08
15	032608-1410	908702	M34096	04/08/08
16	032608-1510	908707	M34097	04/08/08
17	032608-1435	908703	U43997	04/09/08
18	032508-1805	908696	U43998	04/09/08
19	032608-1355	908701	U43999	04/09/08
20	032608-1550	908708	U44001	04/09/08
21	032608-1555	908709	U44002	04/09/08
22	032608-0905	908698	U44003	04/09/08
23	032508-1645R1	908689R1	U44026	04/10/08
24	032508-1645	908689	M34148	04/10/08
25				
26				
27				
28				
29				
30				

COMMENTS:

Client ID: **SB091**
Site:

Lab Sample No: **SB091**
Lab Job No: S478

Date Sampled: _____
Date Received: _____
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34054.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	330
2-Chlorophenol	ND	330
2-Methylphenol	ND	330
4-Methylphenol	ND	330
2-Nitrophenol	ND	330
2,4-Dimethylphenol	ND	330
2,4-Dichlorophenol	ND	330
4-Chloro-3-methylphenol	ND	330
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2,4-Dinitrophenol	ND	1000
4-Nitrophenol	ND	1000
4,6-Dinitro-2-methylphenol	ND	1000
Pentachlorophenol	ND	1000
Benzoic Acid	7.8J	330
N-Nitrosodimethylamine	ND	330
bis(2-Chloroethyl)ether	ND	33
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
1,2-Dichlorobenzene	ND	330
bis(2-chloroisopropyl)ether	ND	330
N-Nitroso-di-n-propylamine	ND	33
Hexachloroethane	ND	33
Nitrobenzene	ND	33
Isophorone	ND	330
bis(2-Chloroethoxy)methane	ND	330
1,2,4-Trichlorobenzene	ND	33
Naphthalene	ND	330
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	67
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	670

Client ID: **SB091**
Site:

Lab Sample No: **SB091**
Lab Job No: S478

Date Sampled: _____
Date Received: _____
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34054.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dimethylphthalate	ND	330
Acenaphthylene	ND	330
2,6-Dinitrotoluene	ND	67
3-Nitroaniline	ND	670
Acenaphthene	ND	330
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	67
Diethylphthalate	ND	330
4-Chlorophenyl-phenylether	ND	330
Fluorene	ND	330
4-Nitroaniline	ND	670
N-Nitrosodiphenylamine	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	33
Phenanthrene	ND	330
Anthracene	ND	330
Carbazole	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330
Pyrene	ND	330
Benzidine	ND	670
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	670
Benzo(a)anthracene	ND	33
Chrysene	ND	330
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	33
Benzo(k)fluoranthene	ND	33
Benzo(a)pyrene	ND	33
Indeno(1,2,3-cd)pyrene	ND	33
Dibenz(a,h)anthracene	ND	33
Benzo(g,h,i)perylene	ND	330
Pyridine	ND	330

Client ID: **SB091**
Site:

Lab Sample No: **SB091**
Lab Job No: S478

Date Sampled: _____
Date Received: _____
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34054.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Aniline	ND	330
Benzyl Alcohol	ND	330
1,2-Diphenylhydrazine	ND	330
Diphenyl	ND	330
Diphenyl Ether	ND	330
Acetophenone	ND	330
1,4-Dioxane	ND	330
N,N-Dimethylaniline	ND	33
2,3,7,8-TCDD (Screen)	ND	33
Benzaldehyde	ND	330
Caprolactam	ND	330
Atrazine	ND	330
n-decane	ND	330
Coumarin	ND	330
n-Octadecane	ND	330
o-Tricresylphosphate	ND	330
Carbamazepine	ND	670
1-Methylnaphthalene	ND	670

Client ID: **SB091**
Site:

Lab Sample No: **SB091**
Lab Job No: S478

Date Sampled: _____
Date Received: _____
Date Extracted: 03/31/08
Date Analyzed: 04/07/08
GC Column: DB-5
Instrument ID: BNAMS6.i
Lab File ID: m34054.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 0.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Unknown Aldol Condensate	4.41	1800	
2.				
3.				
4.				
5.				
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30.				

TOTAL ESTIMATED CONCENTRATION 1800

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34054.d
Report Date: 08-Apr-2008 14:15

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SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34054.d
Lab Smp Id: SB091 Client Smp ID: SB091
Inj Date : 07-APR-2008 16:54
Operator : BNAMS 4 Inst ID: BNAMS6.i
Smp Info : SB091;MB80927
Misc Info :
Comment :
Method : /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/8270C_08.m
Meth Date : 08-Apr-2008 11:13 monica Quant Type: ISTD
Cal Date : 02-APR-2008 22:21 Cal File: m33969.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

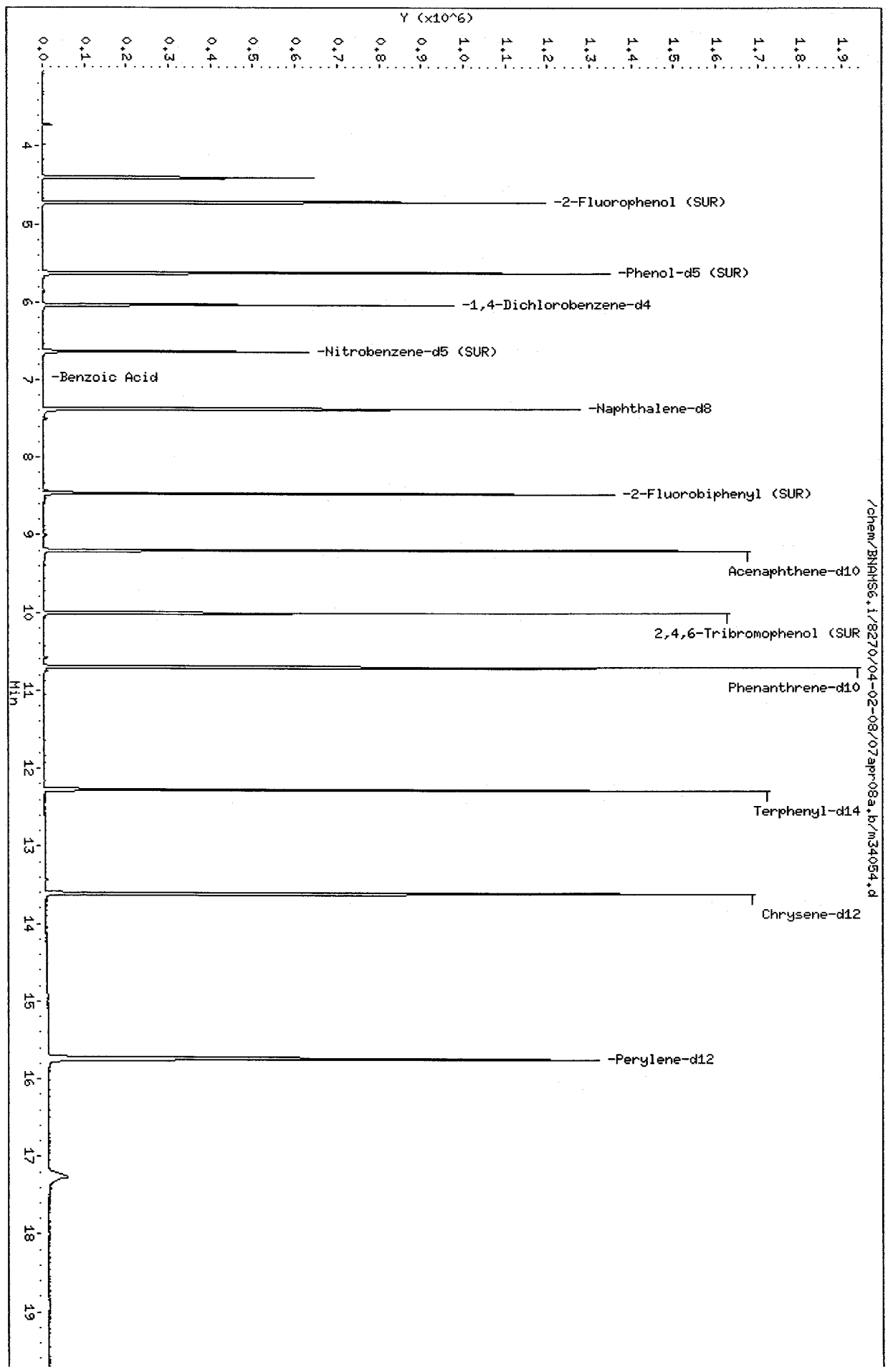
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	4.720	4.727	(0.781)	419758	77.4848	5200
$ 17 Phenol-d5 (SUR)	99	5.628	5.636	(0.932)	523678	72.7669	4800
* 79 1,4-Dichlorobenzene-d4	152	6.040	6.046	(1.000)	173789	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	6.637	6.650	(0.900)	198622	32.8998	2200
15 Benzoic Acid	122	6.989	7.075	(0.947)	444	0.11703	7.8(aH)
* 80 Naphthalene-d8	136	7.378	7.384	(1.000)	702797	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	8.468	8.472	(0.920)	446014	33.4252	2200
* 82 Acenaphthene-d10	164	9.202	9.202	(1.000)	450162	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	10.004	10.016	(1.087)	202782	74.6837	5000
* 83 Phenanthrene-d10	188	10.701	10.708	(1.000)	726763	40.0000	
$ 78 Terphenyl-d14	244	12.275	12.282	(0.902)	543929	30.6923	2000
* 81 Chrysene-d12	240	13.613	13.629	(1.000)	846291	40.0000	
* 84 Perylene-d12	264	15.742	15.756	(1.000)	810983	40.0000	

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34054.d
Report Date: 08-Apr-2008 14:15

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.


Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34054.d
Date : 07-APR-2008 16:54
Client ID: SB091
Sample Info: SB091;MB80927
Column phase: DB-5
Instrument: BNAMS6.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
Min
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-Benzoic Acid
-Naphthalene-d8
-2-Fluorobiphenyl (SUR)
Acenaphthene-d10
2,4,6-Tribromophenol (SUR
Phenanthrene-d10
Terphenyl-d14
Chrysene-d12
-Perylene-d12
/chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34054.d

Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34054.d

Date : 07-APR-2008 16:54

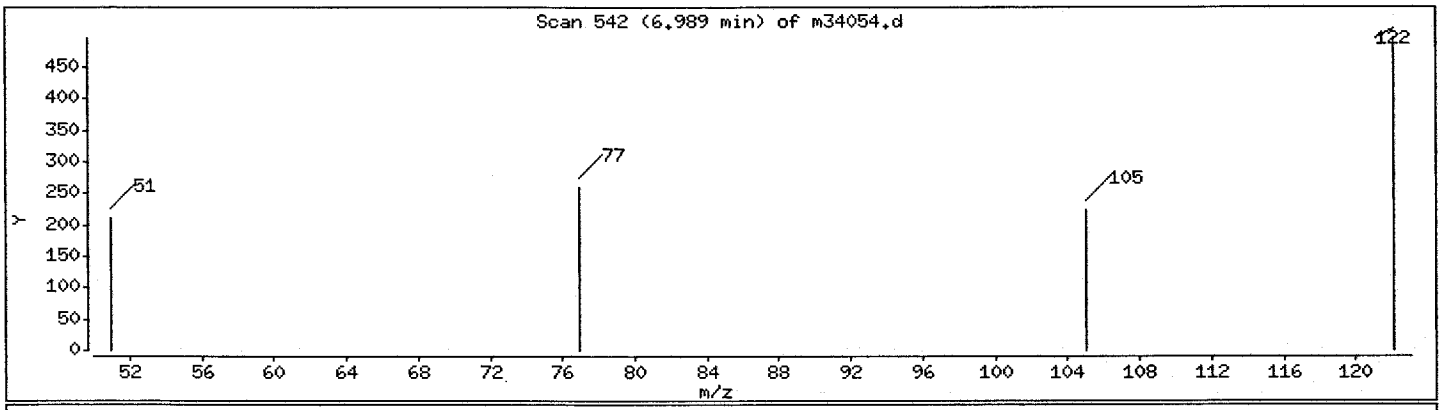
Client ID: SB091 Instrument: BNAMS6.i

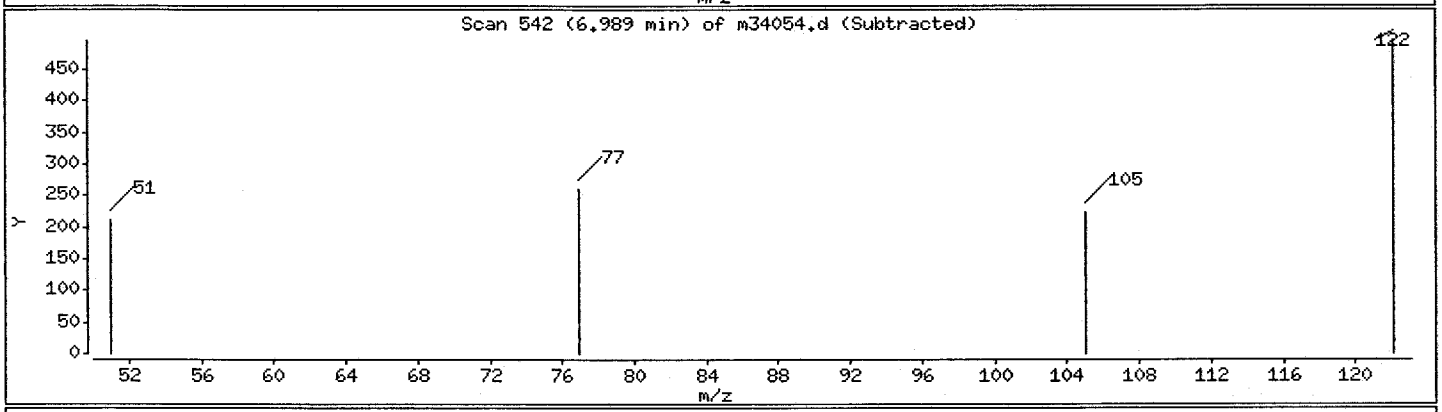
Sample Info: SB091;MB80927

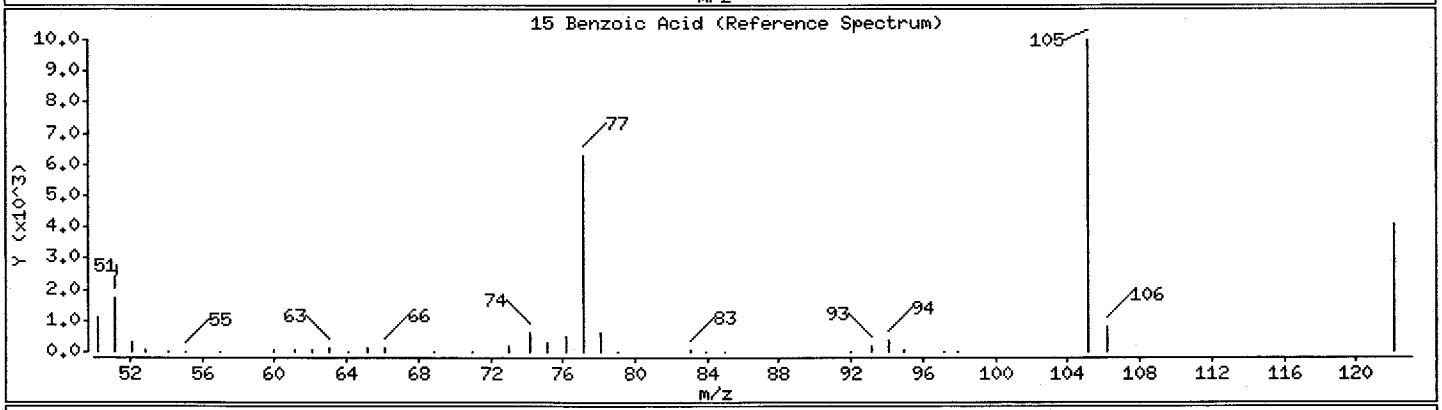
Operator: BNAMS 4

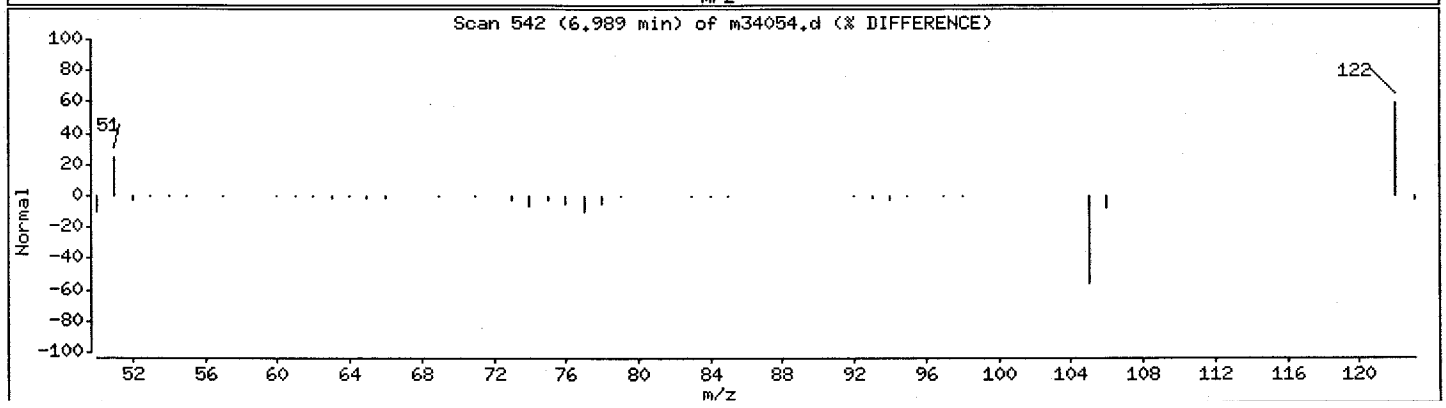
Column phase: DB-5 Column diameter: 0.25

15 Benzoic Acid Concentration: 7.8 ug/Kg









Data File: /chem/BNAMS6.i/8270/04-02-08/07apr08a.b/m34054.d

Date : 07-APR-2008 16:54

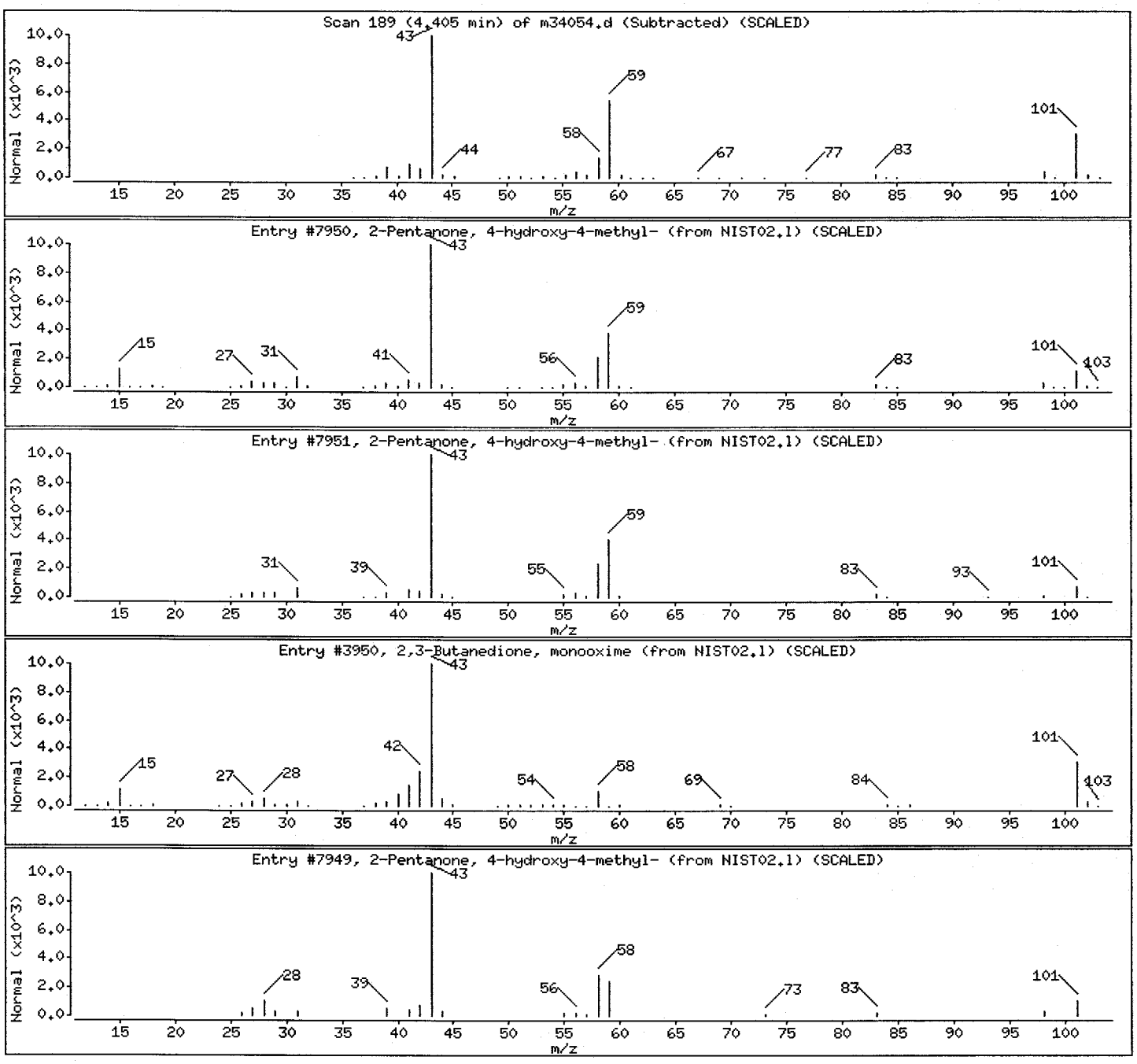
Client ID: SB091 Instrument: BNAMS6.i

Sample Info: SB091;MB80927

Operator: BNAMS 4

Column phase: DB-5 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7950	45	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	40	C6H12O2	116
2,3-Butanedione, monooxime	57-71-6	NIST02.l	3950	25	C4H7NO2	101
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7949	23	C6H12O2	116



LAB SAMPLE NO.

WB098R

SEMIVOLATILE METHOD BLANK SUMMARY

Matrix: WATER

Date Analyzed: 04/08/08

Level: LOW

Time Analyzed: 0915

Instrument ID: BNAMS8

Lab File ID: AA3204

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE NO	LAB FILE ID	DATE ANALYZED
01	032608-1330	908700	AA3210	04/08/08
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
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17				
18				
19				
20				
21				
22				
23				
24				
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27				
28				
29				
30				

COMMENTS:

Client ID: **WB098R**
Site:

Lab Sample No: **WB098R**
Lab Job No: S478

Date Sampled: _____
Date Received: _____
Date Extracted: 04/07/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa3204.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Phenol	ND	10
2-Chlorophenol	ND	10
2-Methylphenol	ND	10
4-Methylphenol	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
2,4-Dichlorophenol	ND	10
4-Chloro-3-methylphenol	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2,4-Dinitrophenol	ND	30
4-Nitrophenol	ND	30
4,6-Dinitro-2-methylphenol	ND	30
Pentachlorophenol	ND	30
Benzoic Acid	ND	10
N-Nitrosodimethylamine	ND	10
bis(2-Chloroethyl)ether	ND	1.0
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
1,2-Dichlorobenzene	ND	10
bis(2-chloroisopropyl)ether	ND	10
N-Nitroso-di-n-propylamine	ND	1.0
Hexachloroethane	ND	1.0
Nitrobenzene	ND	1.0
Isophorone	ND	10
bis(2-Chloroethoxy)methane	ND	10
1,2,4-Trichlorobenzene	ND	1.0
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	2.0
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20

Client ID: **WB098R**
Site:

Lab Sample No: **WB098R**
Lab Job No: S478

Date Sampled: _____
Date Received: _____
Date Extracted: 04/07/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa3204.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	2.0
3-Nitroaniline	ND	20
Acenaphthene	ND	10
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	2.0
Diethylphthalate	ND	10
4-Chlorophenyl-phenylether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	20
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	1.0
Phenanthrene	ND	10
Anthracene	ND	10
Carbazole	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Benzidine	ND	20
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	1.0
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	1.0
Benzo(a)pyrene	ND	1.0
Indeno(1,2,3-cd)pyrene	ND	1.0
Dibenz(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	10
Pyridine	ND	10

Client ID: **WB098R**
Site:

Lab Sample No: **WB098R**
Lab Job No: S478

Date Sampled: _____
Date Received: _____
Date Extracted: 04/07/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa3204.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Aniline	ND	10
Benzyl Alcohol	ND	10
1,2-Diphenylhydrazine	ND	10
Diphenyl	ND	10
Diphenyl Ether	ND	10
Acetophenone	ND	10
1,4-Dioxane	ND	10
N,N-Dimethylaniline	ND	1.0
2,3,7,8-TCDD (Screen)	ND	1.0
Benzaldehyde	ND	10
Caprolactam	ND	10
Atrazine	ND	10
n-decane	ND	10
Coumarin	ND	10
n-Octadecane	ND	10
o-Tricresylphosphate	ND	10
Carbamazepine	ND	20
1-Methylnaphthalene	ND	20

Client ID: **WB098R**
Site:

Lab Sample No: **WB098R**
Lab Job No: S478

Date Sampled: _____
Date Received: _____
Date Extracted: 04/07/08
Date Analyzed: 04/08/08
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa3204.d

Matrix: WATER
Level: LOW
Sample Volume: 1000 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
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30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Data File: /chem/BNAMS8.i/8270/04-07-08/08apr08.b/aa3204.d
Report Date: 09-Apr-2008 12:33

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SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS8.i/8270/04-07-08/08apr08.b/aa3204.d
Lab Smp Id: WB098R Client Smp ID: WB098R
Inj Date : 08-APR-2008 09:15
Operator : BNAMS 4 Inst ID: BNAMS8.i
Smp Info : WB098R;MB81191
Misc Info :
Comment :
Method : /chem/BNAMS8.i/8270/04-07-08/08apr08.b/8270C_08.m
Meth Date : 08-Apr-2008 10:00 croccom Quant Type: ISTD
Cal Date : 07-APR-2008 12:37 Cal File: aa3176.d
Als bottle: 2 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

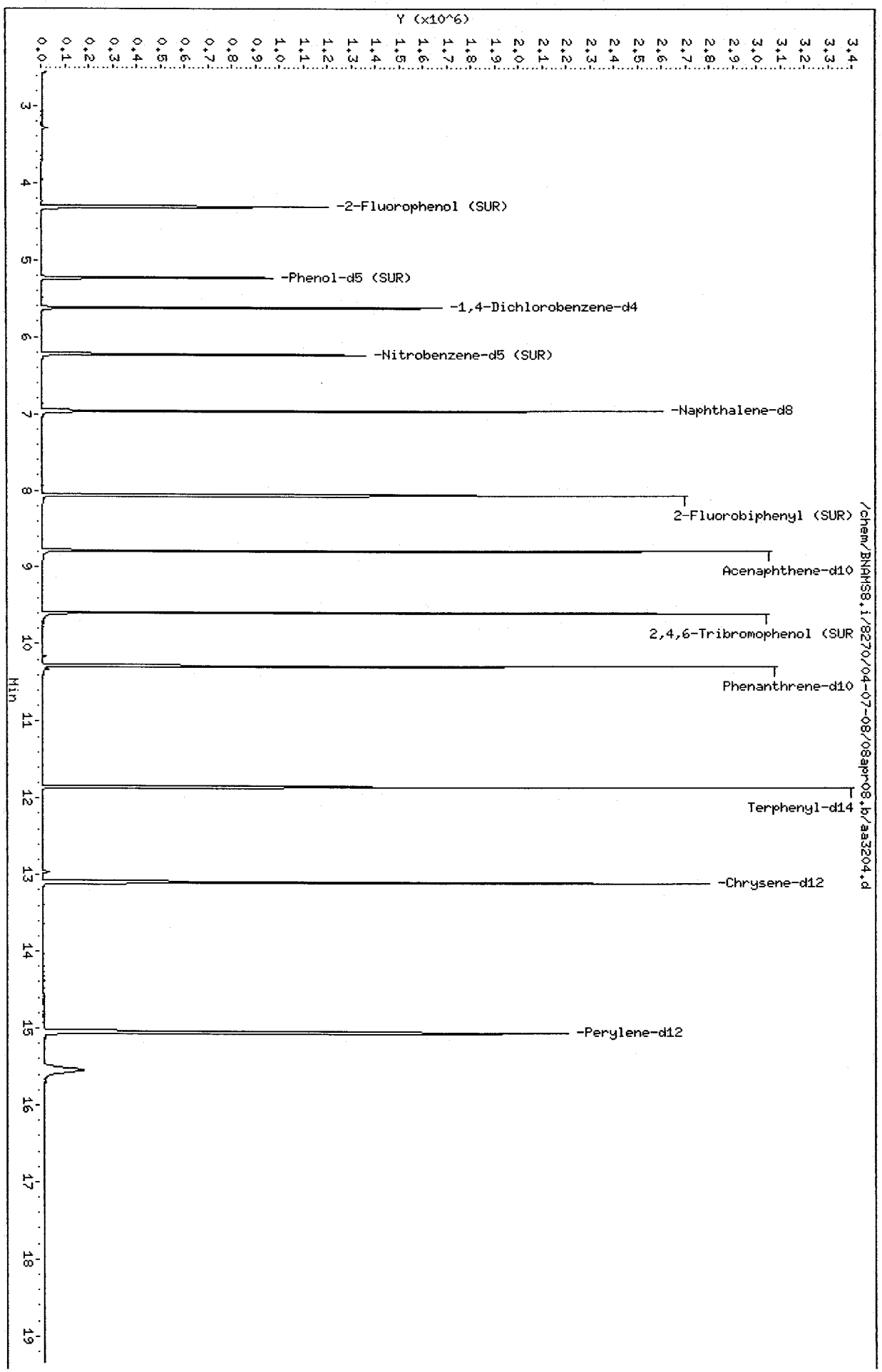
(M) 4/9/08

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	4.310	4.313	(0.767)	497622	48.6978	97
$ 17 Phenol-d5 (SUR)	99	5.234	5.237	(0.931)	386004	30.3847	61
* 79 1,4-Dichlorobenzene-d4	152	5.619	5.622	(1.000)	290454	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	6.231	6.234	(0.895)	389403	39.0056	78
* 80 Naphthalene-d8	136	6.962	6.965	(1.000)	1212152	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	8.058	8.061	(0.918)	890941	40.5686	81
* 82 Acenaphthene-d10	164	8.783	8.786	(1.000)	719063	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	9.594	9.597	(1.092)	337644	78.5325	160
* 83 Phenanthrene-d10	188	10.285	10.281	(1.000)	1220221	40.0000	
$ 78 Terphenyl-d14	244	11.853	11.850	(0.905)	1104296	43.3401	87
* 81 Chrysene-d12	240	13.096	13.106	(1.000)	1298717	40.0000	
* 84 Perylene-d12	264	15.057	15.060	(1.000)	1165425	40.0000	


Data File: /chem/BNAMS8.i/8270/04-07-08/08apr08.b/aa3204.d
Date : 08-APR-2008 09:15
Client ID: WB098R
Sample Info: WB098R;MB81191
Volume Injected (uL): 1.0
Column phase: DB-5
Instrument: BNAMS8.i
Operator: BNAMS 4
Column diameter: 0.25
Y (x10^6)
-2-Fluorophenol (SUR)
-Phenol-d5 (SUR)
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5 (SUR)
-Naphthalene-d8
2-Fluorobiphenyl (SUR)
Acenaphthene-d10
2,4,6-Tribromophenol (SUR
Phenanthrene-d10
Terphenyl-d14
-Chrysene-d12
-Perylene-d12
/chem/BNAMS8.i/8270/04-07-08/08apr08.b/aa3204.d
Min

Calibration Summary

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA
METHOD 8270C

Instrument ID: BNAMS4 Calibration Date(s): 04/09/08 04/09/08

Calibration Time(s): 1128 1326

LAB FILE ID: RRF5: U43991 RRF20: U43993 RRF50: U43989
RRF80: U43992 RRF120: U43990

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120
Phenol	3.968	3.958	3.578	3.106	3.324
2-Chlorophenol	1.744	1.616	1.555	1.443	1.524
2-Methylphenol	2.583	2.386	2.315	2.095	2.263
4-Methylphenol	2.767	2.707	2.498	2.301	2.526
2-Nitrophenol	0.176	0.234	0.211	0.195	0.208
2,4-Dimethylphenol	0.460	0.470	0.444	0.388	0.438
2,4-Dichlorophenol	0.310	0.325	0.316	0.296	0.321
4-Chloro-3-methylphenol	0.629	0.639	0.646	0.550	0.613
2,4,6-Trichlorophenol	0.394	0.387	0.392	0.358	0.379
2,4,5-Trichlorophenol	0.377	0.395	0.392	0.373	0.401
2,4-Dinitrophenol	0.076	0.135	0.131	0.174	0.203
4-Nitrophenol	0.256	0.300	0.287	0.293	0.302
4,6-Dinitro-2-methylphenol	0.094	0.137	0.122	0.145	0.152
Pentachlorophenol	0.190	0.192	0.179	0.175	0.197
Benzoic Acid	0.145	0.186	0.133	0.140	0.184
N-Nitrosodimethylamine	1.523	1.656	1.654	1.359	1.622
bis(2-Chloroethyl)ether	6.072	3.134	3.324	2.839	3.004
1,3-Dichlorobenzene	1.626	1.614	1.539	1.400	1.614
1,4-Dichlorobenzene	1.478	1.595	1.476	1.502	1.577
1,2-Dichlorobenzene	1.576	1.558	1.513	1.431	1.590
bis(2-chloroisopropyl)ether	4.070	3.897	3.814	3.392	3.620
N-Nitroso-di-n-propylamine	1.794	1.546	1.338	1.261	1.432
Hexachloroethane	1.280	0.946	1.003	0.890	0.961
Nitrobenzene	0.934	0.721	0.673	0.586	0.615
Isophorone	1.596	1.333	1.323	1.148	1.250
bis(2-Chloroethoxy)methane	0.929	0.882	0.811	0.680	0.743
1,2,4-Trichlorobenzene	0.324	0.349	0.321	0.300	0.316
Naphthalene	1.138	1.044	1.004	0.878	1.001
4-Chloroaniline	0.522	0.482	0.497	0.421	0.492
Hexachlorobutadiene	0.242	0.230	0.235	0.193	0.222
2-Methylnaphthalene	0.778	0.659	0.731	0.646	0.723
Hexachlorocyclopentadiene	0.311	0.279	0.365	0.334	0.348
2-Chloronaphthalene	1.114	1.043	1.044	0.957	0.995
2-Nitroaniline	0.385	0.390	0.386	0.373	0.402
Dimethylphthalate	1.646	1.506	1.444	1.407	1.379
Acenaphthylene	1.778	1.643	1.618	1.610	1.630
2,6-Dinitrotoluene	0.240	0.312	0.299	0.319	0.332
3-Nitroaniline	0.344	0.342	0.335	0.340	0.384
Acenaphthene	1.169	1.098	1.082	1.028	1.110

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS4 Calibration Date(s): 04/09/08 04/09/08

Calibration Time(s): 1128 1326

LAB FILE ID: RRF5: U43991 RRF20: U43993 RRF50: U43989
RRF80: U43992 RRF120: U43990

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120
Dibenzofuran	1.669	1.615	1.667	1.524	1.594
2,4-Dinitrotoluene	0.337	0.445	0.472	0.464	0.510
Diethylphthalate	1.909	1.696	1.688	1.507	1.588
4-Chlorophenyl-phenylether	0.704	0.657	0.674	0.621	0.675
Fluorene	1.442	1.207	1.304	1.241	1.302
4-Nitroaniline	0.354	0.358	0.338	0.346	0.382
N-Nitrosodiphenylamine	0.629	0.558	0.584	0.530	0.534
4-Bromophenyl-phenylether	0.250	0.237	0.245	0.237	0.219
Hexachlorobenzene	0.278	0.281	0.257	0.230	0.231
Phenanthrene	1.086	1.090	0.989	1.008	1.001
Anthracene	1.219	1.066	0.992	0.969	1.053
Carbazole	1.097	1.020	0.829	0.878	0.968
Di-n-butylphthalate	1.834	1.645	1.508	1.348	1.368
Fluoranthene	1.404	1.308	1.132	1.142	1.173
Pyrene	1.178	1.205	1.138	1.056	1.022
Benzidine	0.218	0.377	0.222	0.242	0.216
Butylbenzylphthalate	0.798	0.770	0.746	0.685	0.652
3,3'-Dichlorobenzidine	0.320	0.402	0.372	0.318	0.305
Benzo(a)anthracene	1.261	1.099	1.024	0.982	0.907
Chrysene	0.974	1.046	0.909	0.885	0.868
bis(2-Ethylhexyl)phthalate	1.128	1.053	0.974	0.885	0.859
Di-n-octylphthalate	2.036	2.099	1.874	1.771	1.761
Benzo(b)fluoranthene	1.965	1.556	1.271	1.592	1.548
Benzo(k)fluoranthene	1.431	1.452	1.334	1.135	1.134
Benzo(a)pyrene	1.352	1.324	1.216	1.190	1.212
Indeno(1,2,3-cd)pyrene	1.417	1.431	1.272	1.264	1.265
Dibenz(a,h)anthracene	1.201	1.257	1.136	1.132	1.130
Benzo(g,h,i)perylene	1.307	1.252	1.158	1.113	1.061
Pyridine	2.712	2.885	2.756	2.511	2.818
Aniline	5.363	4.783	4.137	3.915	3.991
Benzyl Alcohol	2.021	1.927	1.826	1.658	1.800
1,2-Diphenylhydrazine	1.536	1.298	1.158	0.991	1.140
Diphenyl	1.443	1.266	1.300	1.217	1.302
Diphenyl Ether	0.840	0.764	0.786	0.708	0.752
Acetophenone	4.133	4.018	3.379	3.150	3.301
1,4-Dioxane	1.004	1.152	1.172	1.036	1.168
N,N-Dimethylaniline	3.585	2.930	2.791	2.602	2.677
2,3,7,8-TCDD (Screen)			0.161		
Benzaldehyde	1.495	1.475	1.308	0.820	0.628

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS4 Calibration Date(s): 04/09/08 04/09/08

Calibration Time(s): 1128 1326

LAB FILE ID: RRF5: U43991 RRF20: U43993 RRF50: U43989
RRF80: U43992 RRF120: U43990

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120
Caprolactam	0.240	0.249	0.258	0.205	0.224
Atrazine	0.261	0.244	0.231	0.218	0.224
n-decane	2.670	2.320	2.181	1.844	1.871
Coumarin	0.342	0.354	0.330	0.300	0.328
n-Octadecane	0.790	0.691	0.534	0.403	0.351
o-Tricresylphosphate	0.232	0.250	0.240	0.224	0.216
Carbamazepine	0.408	0.534	0.460	0.514	0.478
1-Methylnaphthalene	0.753	0.786	0.803	0.693	0.774
2-Fluorophenol (SUR)	2.275	2.486	2.338	2.238	2.362
Phenol-d5 (SUR)	3.701	3.673	3.477	3.180	3.430
2,4,6-Tribromophenol (SUR)	0.298	0.276	0.300	0.274	0.291
Nitrobenzene-d5 (SUR)	0.601	0.599	0.563	0.527	0.548
2-Fluorobiphenyl (SUR)	1.265	1.167	1.212	1.066	1.112
Terphenyl-d14	0.889	0.954	0.885	0.853	0.778

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 8270C

Instrument ID: BNAMS4 Calibration Date(s): 04/09/08 04/09/08

Calibration Time(s): 1128 1326

RRF10: U43994

COMPOUND	RRF10
Phenol	3.745
2-Chlorophenol	1.601
2-Methylphenol	2.650
4-Methylphenol	2.814
2-Nitrophenol	0.212
2,4-Dimethylphenol	0.454
2,4-Dichlorophenol	0.323
4-Chloro-3-methylphenol	0.662
2,4,6-Trichlorophenol	0.391
2,4,5-Trichlorophenol	0.417
2,4-Dinitrophenol	0.111
4-Nitrophenol	0.324
4,6-Dinitro-2-methylphenol	0.123
Pentachlorophenol	0.181
Benzoic Acid	0.117
N-Nitrosodimethylamine	1.610
bis(2-Chloroethyl)ether	3.403
1,3-Dichlorobenzene	1.574
1,4-Dichlorobenzene	1.611
1,2-Dichlorobenzene	1.612
bis(2-chloroisopropyl)ether	4.283
N-Nitroso-di-n-propylamine	1.477
Hexachloroethane	0.994
Nitrobenzene	0.744
Isophorone	1.293
bis(2-Chloroethoxy)methane	0.901
1,2,4-Trichlorobenzene	0.338
Naphthalene	1.057
4-Chloroaniline	0.484
Hexachlorobutadiene	0.236
2-Methylnaphthalene	0.733
Hexachlorocyclopentadiene	0.260
2-Chloronaphthalene	1.156
2-Nitroaniline	0.408
Dimethylphthalate	1.674
Acenaphthylene	1.867
2,6-Dinitrotoluene	0.310
3-Nitroaniline	0.391
Acenaphthene	1.174

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.