LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080789.D
Acq On : 1 Aug 2015 19:32
Operator : TP/UM
Sample : G3130-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.155	5	6	8	rBV	52789	79378	3.21%	0.231%
2	2.201	8	10	15	rVB2	73663	109370	4.43%	0.318%
3	2.327	18	21	24	rVB	31392	51031	2.07%	0.149%
4	2.498	33	36	40	rBV4	11868	34015	1.38%	0.099%
5	3.813	147	151	154	rBV	908446	1550759	62.81%	4.515%
6	4.156	178	181	184	rBV2	17326	39069	1.58%	0.114%
7	4.373	198	200	204	rVB	64828	86668	3.51%	0.252%
8	4.521	210	213	216	rVB	228718	271768	11.01%	0.791%
9	5.036	255	258	260	rBV	1856506	2246609	90.99%	6.541%
10	5.127	264	266	268	rVB	44279	55001	2.23%	0.160%
11	5.447	291	294	297	rVB	2277741	2178476	88.23%	6.343%
12	5.859	328	330	333	rVB	57747	53672	2.17%	0.156%
13	6.304	366	369	372	rBV2	10021	25697	1.04%	0.075%
14	6.373	372	375	377	rVV4	29675	64212	2.60%	0.187%
15	6.476	381	384	386	rVV	2377045	2413814	97.76%	7.028%
16	6.510	386	387	394	rVV2	32493	77662	3.15%	0.226%
17	6.613	394	396	399	rVV	2094914	2373039	96.11%	6.909%
18	6.682	399	402	405	rVB2	63751	93098	3.77%	0.271%
19	6.796	410	412	414	rBV3	25258	34128	1.38%	0.099%
20	6.853	414	417	419	rBV	930915	863138	34.96%	2.513%
21	7.013	428	431	433	rBV	1624045	2045176	82.83%	5.954%
22	7.173	443	445	446	rBV2	32368	30577	1.24%	0.089%
23	7.253	449	452	454	rBV2	24370	30296	1.23%	0.088%
24	7.287	454	455	459	rBV2	27829	58386	2.36%	0.170%
25	7.413	463	466	468	rVB	2008618	1844566	74.71%	5.370%
26	7.710	490	492	495	rBV	103119	94907	3.84%	0.276%
27	7.779	496	498	503	rVB	25083	40526	1.64%	0.118%
28	8.007	516	518	522	rBV	73403	68727	2.78%	0.200%
29	8.076	522	524	527	rBV	120871	102180	4.14%	0.297%
30	8.133	527	529	531	rBV	1110423	918782	37.21%	2.675%
31	8.293	541	543	545	rVB2	25970	26523	1.07%	0.077%
32	8.476	557	559	561	rVB	31829	25810	1.05%	0.075%
33	8.636	571	573	576	rVB	27401	26765	1.08%	0.078%
34	8.933	597	599	601	rBV	350284	358322	14.51%	1.043%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080789.D
Acq On : 1 Aug 2015 19:32
Operator : TP/UM
Sample : G3130-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.207	621	623	626	rBV	2526322	2469036	100.00%	7.188%
36	9.345	633	635	640	rVB	42087	42151	1.71%	0.123%
37	9.608	656	658	660	rBV	355065	373638	15.13%	1.088%
38	9.710	665	667	669	rBV	114260	90734	3.67%	0.264%
39	9.882	680	682	684	rBV	800344	801212	32.45%	2.333%
40	10.248	711	714	717	rBV3	29303	54064	2.19%	0.157%
41	10.328	717	721	723	rVB2	22478	49071	1.99%	0.143%
42	10.430	728	730	734	rVB	65803	62075	2.51%	0.181%
43	10.499	734	736	738	rBV	77731	72661	2.94%	0.212%
44	10.568	741	742	743	rVB	37413	25872	1.05%	0.075%
45	10.670	748	751	753	rBV	899132	939309	38.04%	2.735%
46	10.796	760	762	767	rVB2	64776	83383	3.38%	0.243%
47	10.922	767	773	774	rBV5	30020	57605	2.33%	0.168%
48	11.105	788	789	792	rVB3	18067	26540	1.07%	0.077%
49	11.242	799	801	802	rBV	82991	65066	2.64%	0.189%
50	11.368	809	812	813	rBV	715003	777337	31.48%	2.263%
51	11.436	815	818	820	rVB2	37254	41618	1.69%	0.121%
52	11.631	833	835	837	rBV	54233	51897	2.10%	0.151%
53	11.665	837	838	840	rVB	44484	36595	1.48%	0.107%
54	11.825	850	852	854	rBV2	27557	51644	2.09%	0.150%
55	11.893	857	858	860	rVV	222661	229407	9.29%	0.668%
56	11.973	863	865	870	rVV3	73237	114036	4.62%	0.332%
57	12.076	872	874	875	rVV	25796	34798	1.41%	0.101%
58	12.156	877	881	885	rVB3	32536	68577	2.78%	0.200%
59	12.282	890	892	895	rBV	702271	737330	29.86%	2.147%
60	12.339	895	897	899	rVB2	138589	144147	5.84%	0.420%
61	12.385	899	901	902	rBV	146342	127036	5.15%	0.370%
62	12.568	915	917	919	rBV	201535	247425	10.02%	0.720%
63	12.602	919	920	925	rVV	114034	182788	7.40%	0.532%
64	12.705	925	929	933	rVB2	86660	196117	7.94%	0.571%
65	12.796	933	937	939	rBV	196508	253759	10.28%	0.739%
66	12.854	939	942	944	rVB3	32189	61291	2.48%	0.178%
67	12.945	948	950	953	rVB	1863337	1684372	68.22%	4.904%
68	13.014	954	956	959	rBV	13834	29801	1.21%	0.087%
69	13.059	959	960	962	rBV	37299	56174	2.28%	0.164%
70	13.128	964	966	967	rVB	30529	28995	1.17%	0.084%
71	13.185	969	971	974	rBV3	26730	58495	2.37%	0.170%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080789.D
Acq On : 1 Aug 2015 19:32
Operator : TP/UM
Sample : G3130-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.299	978	981	982	rBV	426067	544993	22.07%	1.587%
73	13.425	987	992	995	rVB7	19468	46323	1.88%	0.135%
74	13.482	995	997	999	rBV2	35883	56559	2.29%	0.165%
75	13.608	1007	1008	1012	rVB2	35332	49450	2.00%	0.144%
76	13.734	1016	1019	1021	rBV3	42906	61006	2.47%	0.178%
77	13.791	1022	1024	1026	rVB2	27529	36224	1.47%	0.105%
78	13.859	1026	1030	1031	rVB3	25844	51131	2.07%	0.149%
79	13.951	1035	1038	1039	rBV2	530558	681053	27.58%	1.983%
80	13.997	1039	1042	1045	rVB2	728687	1140258	46.18%	3.320%
81	14.099	1049	1051	1052	rVV	25715	33199	1.34%	0.097%
82	14.168	1056	1057	1059	rVV2	26875	31886	1.29%	0.093%
83	14.339	1070	1072	1074	rBV	23030	36480	1.48%	0.106%
84	14.374	1074	1075	1077	rVV2	33761	39156	1.59%	0.114%
85	14.477	1081	1084	1085	rBV3	37066	47551	1.93%	0.138%
86	14.522	1085	1088	1091	rBV	145642	231483	9.38%	0.674%
87	14.842	1114	1116	1121	rVB2	129742	169639	6.87%	0.494%
88	15.002	1128	1130	1132	rBV	128327	248770	10.08%	0.724%
89	15.105	1136	1139	1142	rVB2	40280	83438	3.38%	0.243%
90	15.288	1153	1155	1158	rBV	77002	103217	4.18%	0.301%
91	15.345	1158	1160	1162	rBV	106620	132466	5.37%	0.386%
92	15.414	1163	1166	1174	rVB	697205	996171	40.35%	2.900%
93	15.540	1175	1177	1182	rVB5	34458	66705	2.70%	0.194%
94	15.642	1183	1186	1190	rBV2	69696	141373	5.73%	0.412%
95	15.871	1203	1206	1208	rBV	65638	106213	4.30%	0.309%
96	16.785	1283	1286	1289	rVB2	48616	102907	4.17%	0.300%
97	16.968	1299	1302	1307	rVB6	43431	106507	4.31%	0.310%
98	17.128	1314	1316	1318	rVB2	18549	28665	1.16%	0.083%
99	17.197	1319	1322	1329	rVB	37833	122626	4.97%	0.357%
100	18.591	1442	1444	1450	rVB4	22496	53472	2.17%	0.156%

Sum of corrected areas: 34347124

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
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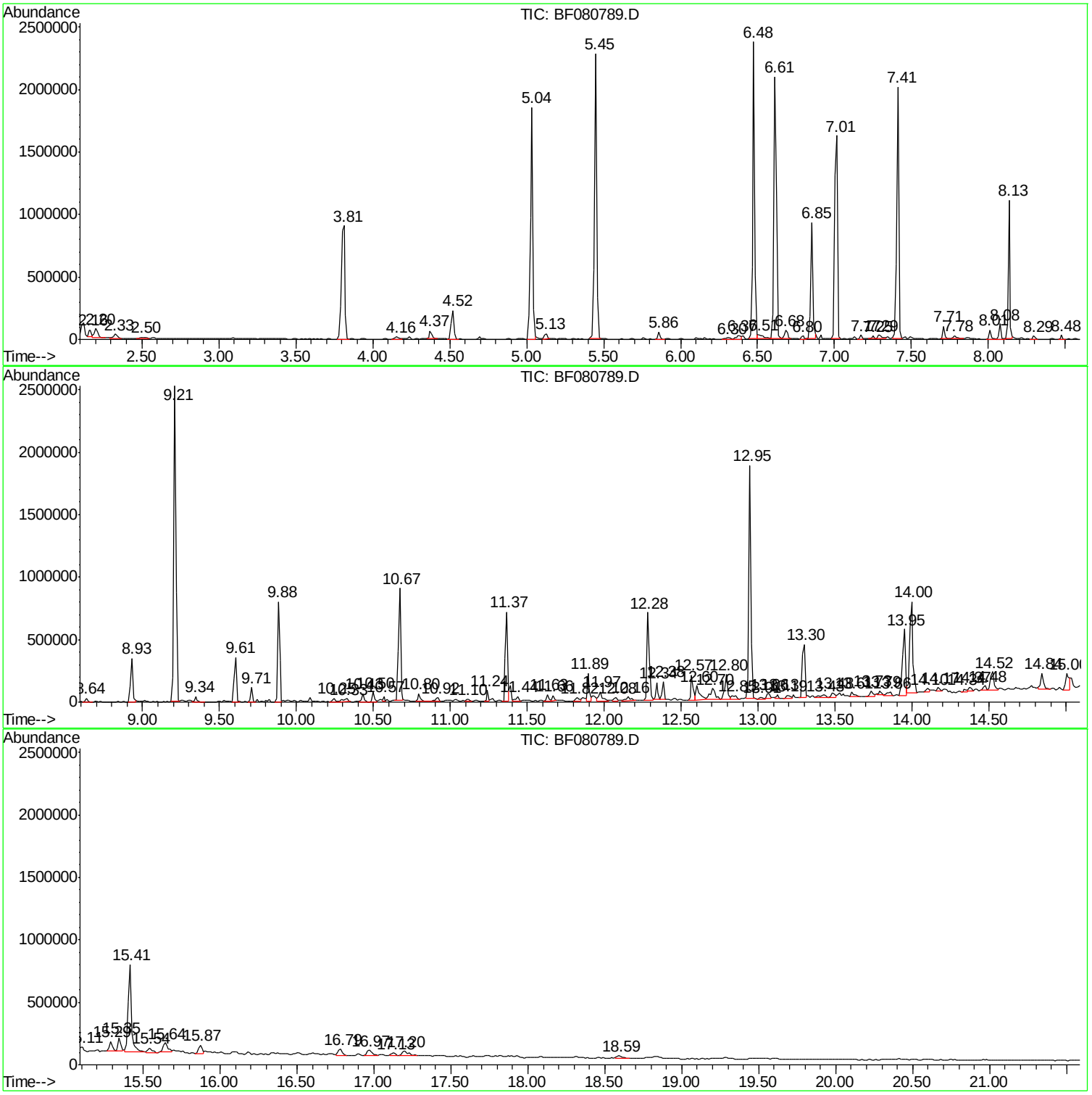
Acq On : 1 Aug 2015 19:32
Operator : TP/UM
Sample : G3130-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080789.D
Acq On : 1 Aug 2015 19:32
Operator : TP/UM
Sample : G3130-01
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

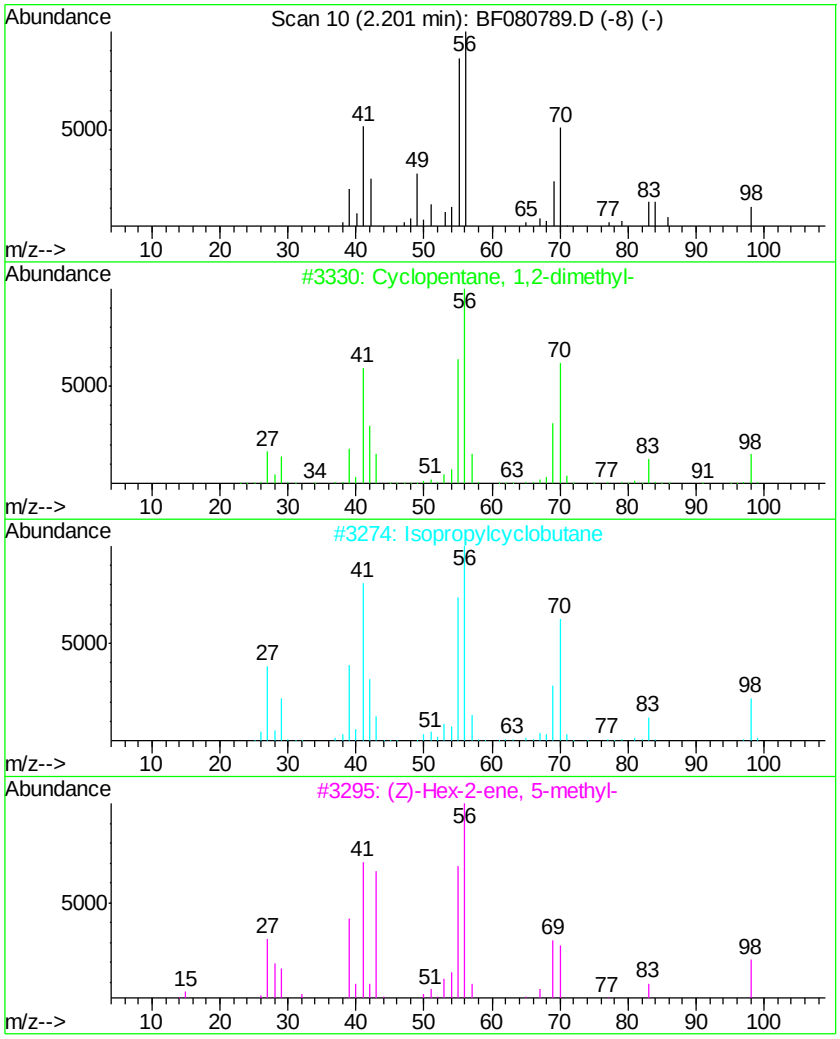
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

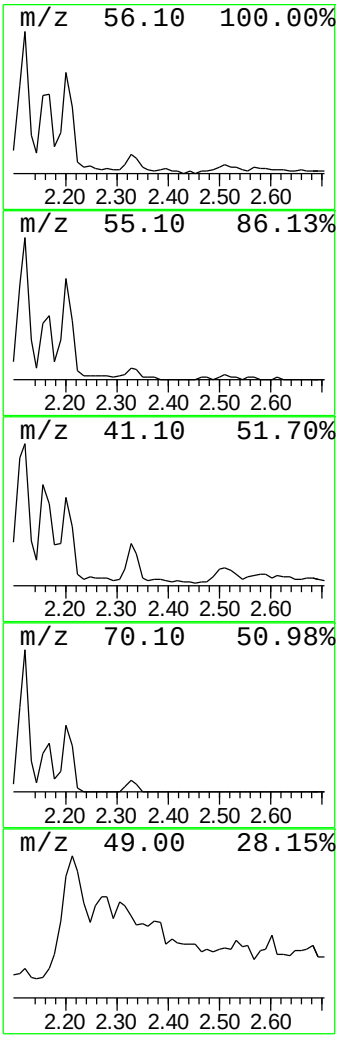
****

Peak Number 1 unknown2.20 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	2.53 ng	109370	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	49
2	Isopropylcyclobutane	98	C7H14	000872-56-0	47
3	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	35
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	35
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080789.D
Acq On : 1 Aug 2015 19:32
Operator : TP/UM
Sample : G3130-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

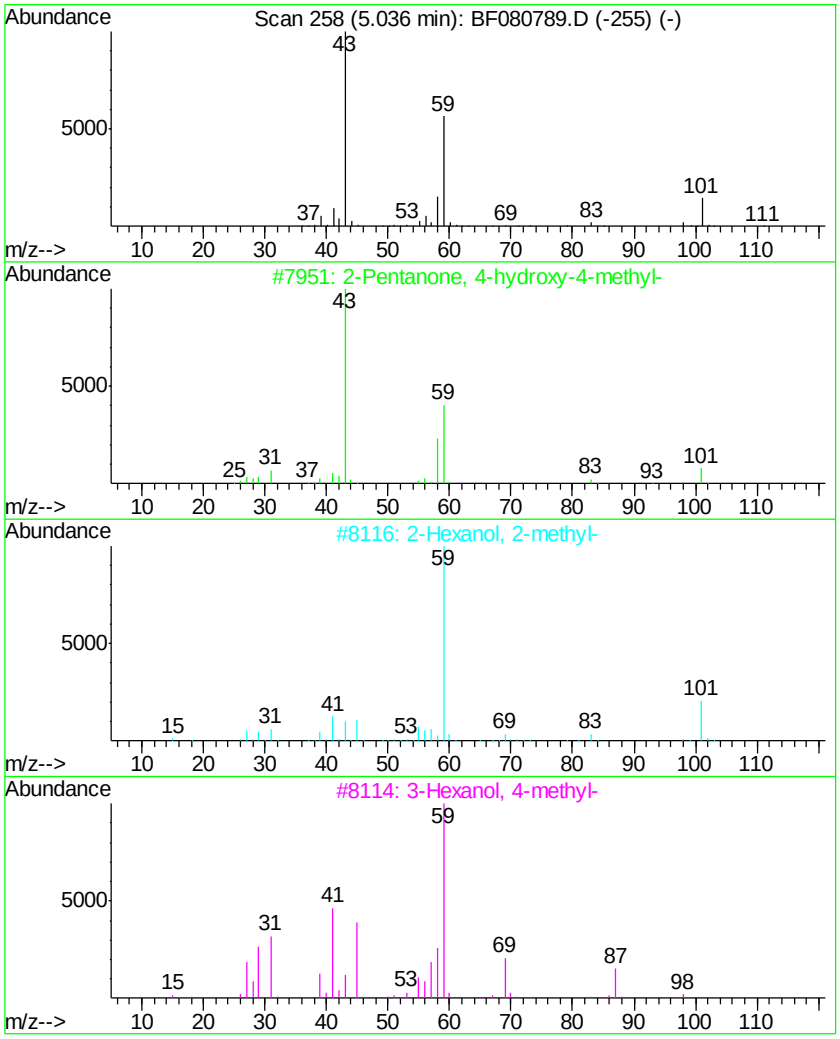
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

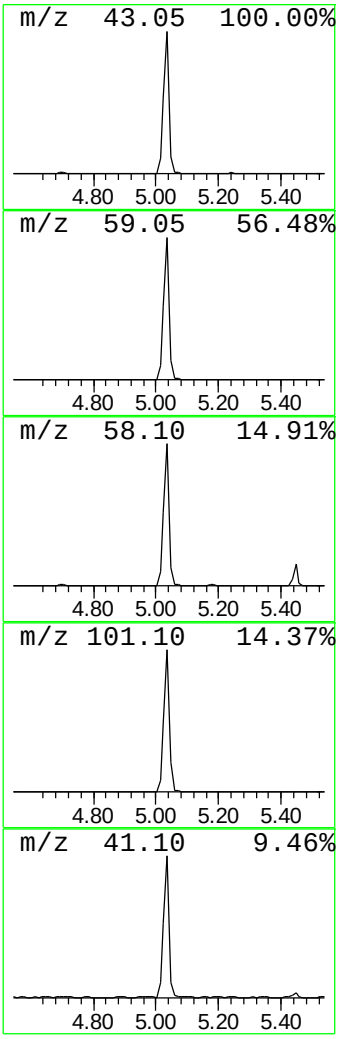
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	52.06 ng	2246610	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Data File : BF080789.D
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Sample : G3130-01
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ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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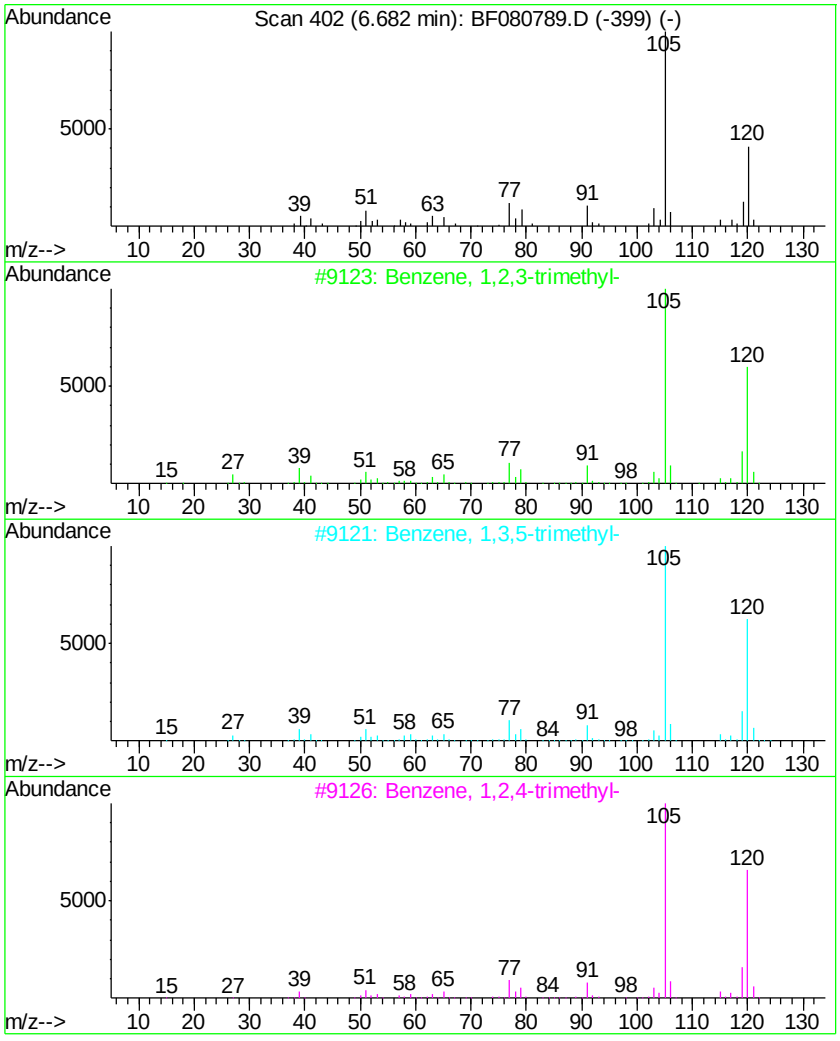
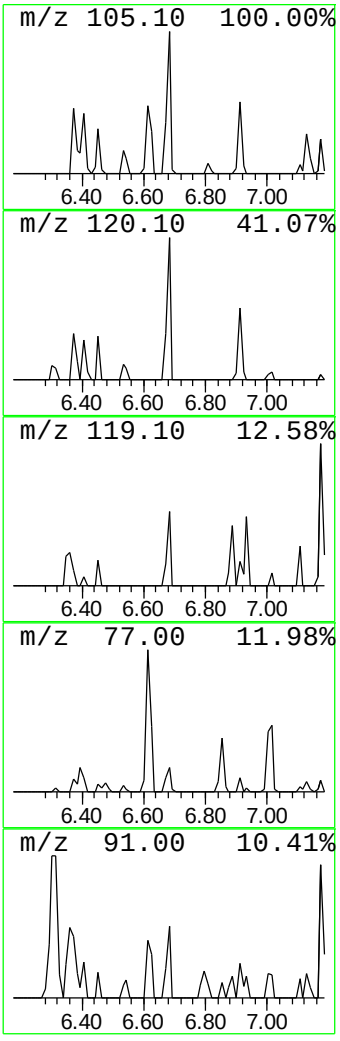
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	2.16 ng	93098	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	2,4-Nonadiyne	120	C9H12	063621-15-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
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Acq On : 1 Aug 2015 19:32
Operator : TP/UM
Sample : G3130-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

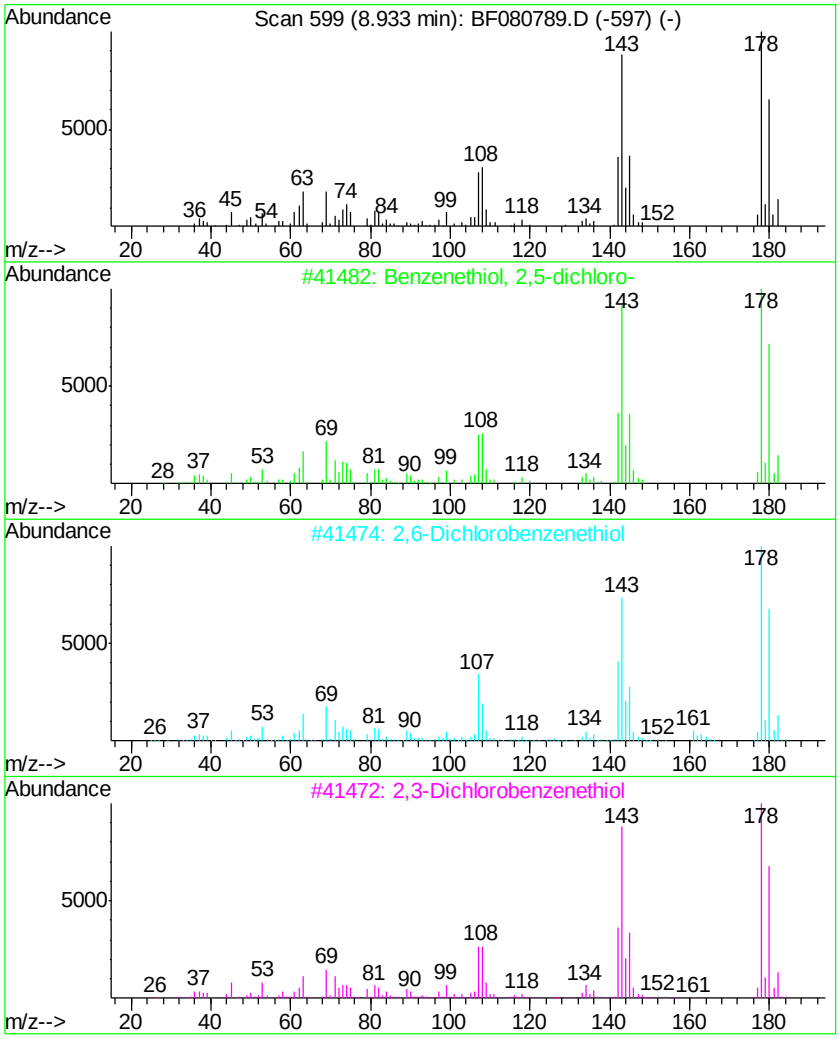
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

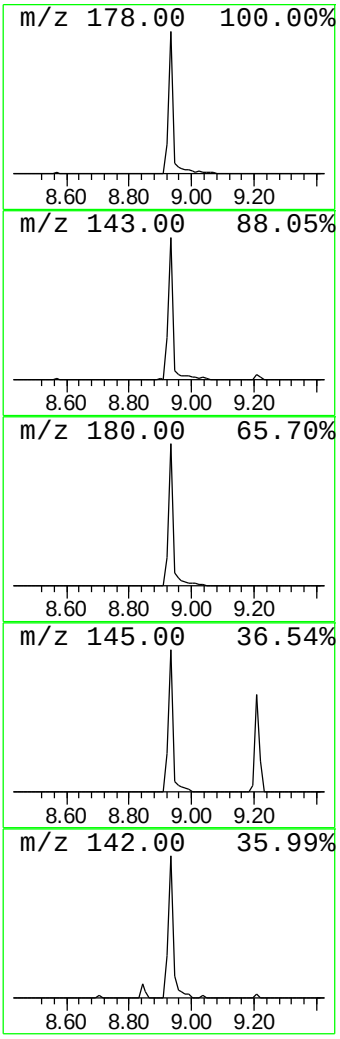
****

Peak Number 8 Benzenethiol, 2,5-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	7.80 ng	358322	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenethiol, 2,5-dichloro-	178	C6H4Cl2S	005858-18-4	99
2	2,6-Dichlorobenzenethiol	178	C6H4Cl2S	024966-39-0	96
3	2,3-Dichlorobenzenethiol	178	C6H4Cl2S	017231-95-7	96
4	Benzenethiol, 2,4-dichloro-	178	C6H4Cl2S	001122-41-4	95
5	3,4-Dichlorobenzenethiol	178	C6H4Cl2S	005858-17-3	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080789.D
Acq On : 1 Aug 2015 19:32
Operator : TP/UM
Sample : G3130-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

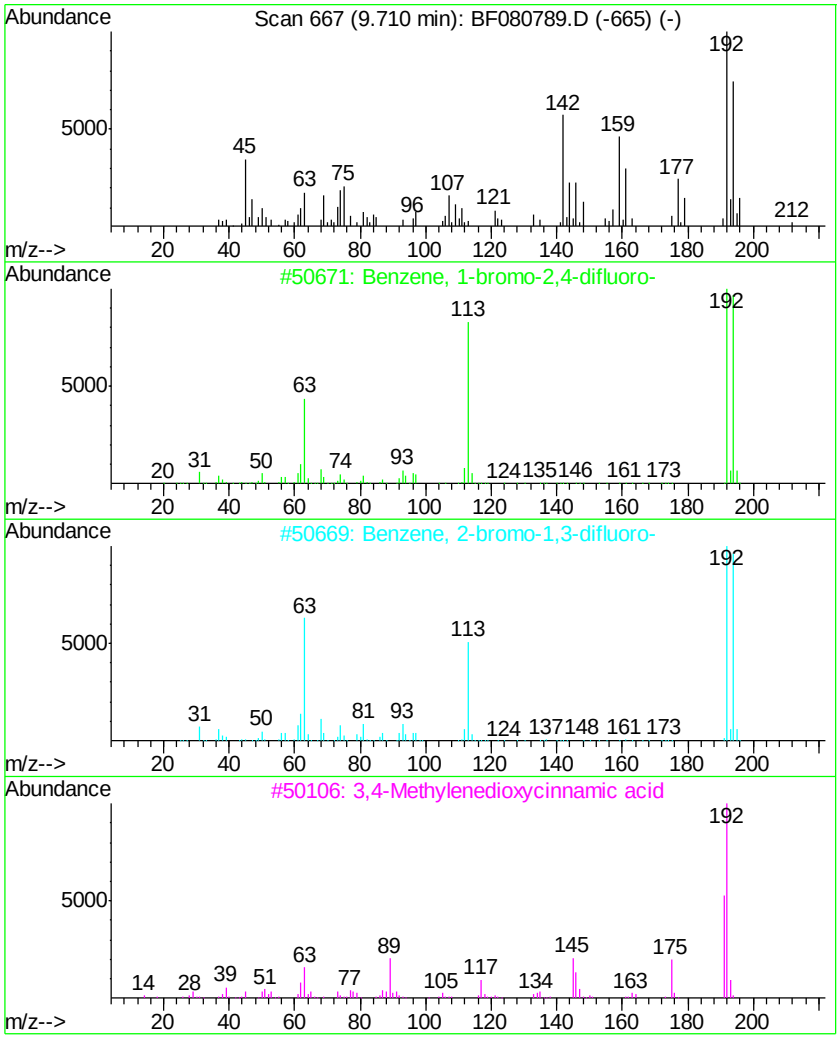
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

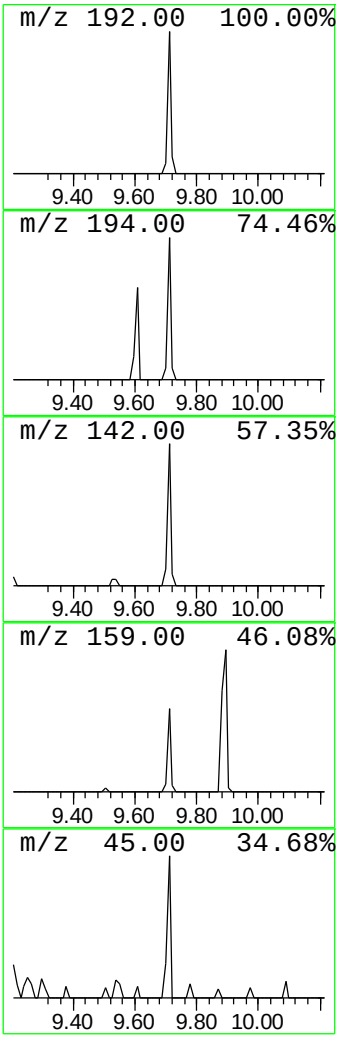
****

Peak Number 9 unknown9.71 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	2.26 ng	90734	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2,4-difluoro-	192	C6H3BrF2	000348-57-2	46
2	Benzene, 2-bromo-1,3-difluoro-	192	C6H3BrF2	064248-56-2	46
3	3,4-Methylenedioxycinnamic acid	192	C10H8O4	002373-80-0	22
4	Bitoscanate	192	C8H4N2S2	004044-65-9	14
5	Thiophene, 2,2'-(1,2-ethenediyl)...	192	C10H8S2	013640-78-3	14





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080789.D
Acq On : 1 Aug 2015 19:32
Operator : TP/UM
Sample : G3130-01
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ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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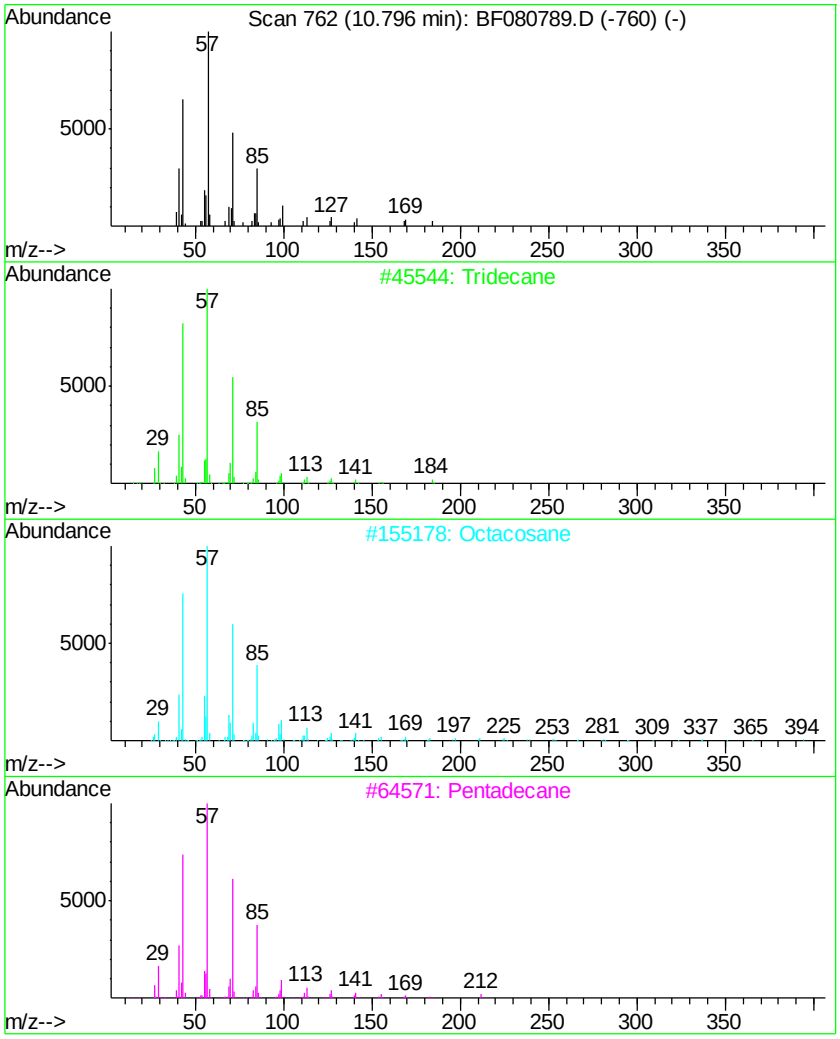
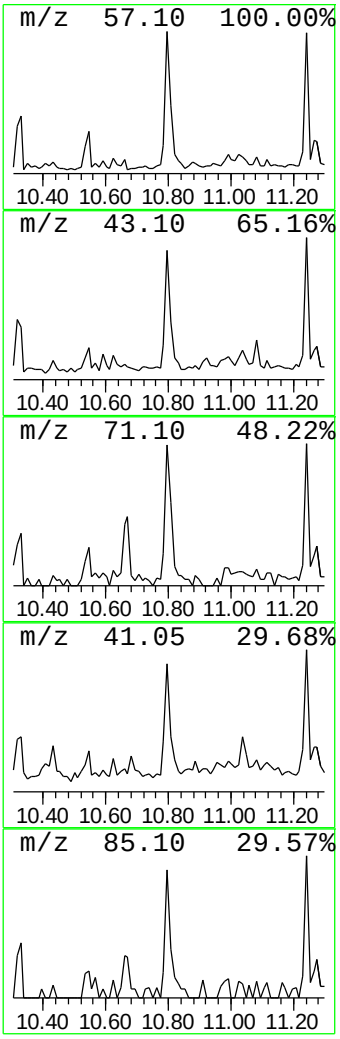
Peak Number 10 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.15 ng	83383	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Hexadecane	226	C16H34	000544-76-3	86





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Acq On : 1 Aug 2015 19:32
Operator : TP/UM
Sample : G3130-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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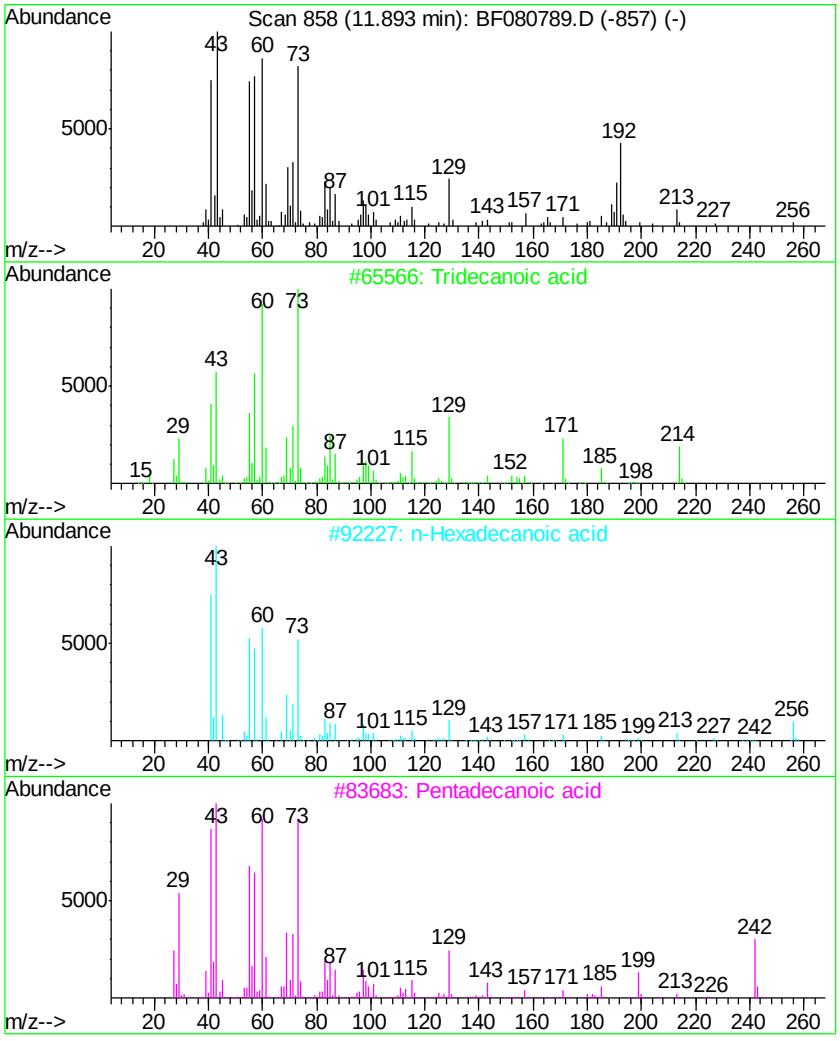
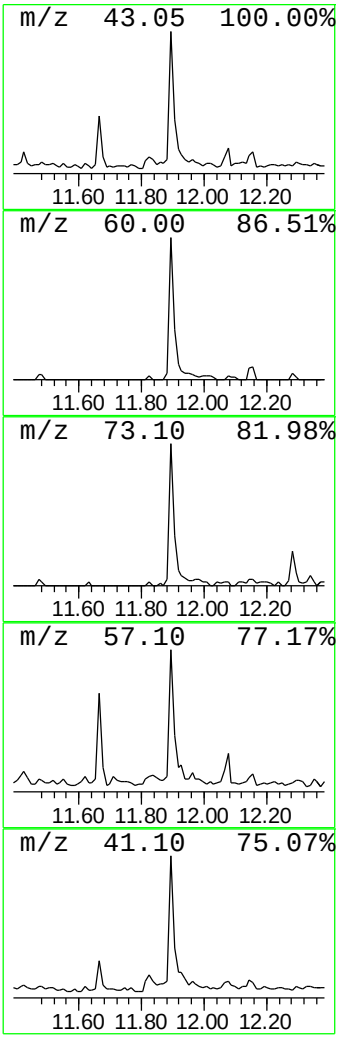
Peak Number 11 Tridecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	5.90 ng	229407	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	86
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Undecanoic acid	186	C11H22O2	000112-37-8	52





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Sample : G3130-01
Misc :
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Instrument : BNA_F
ClientSampleId : SOIL-3

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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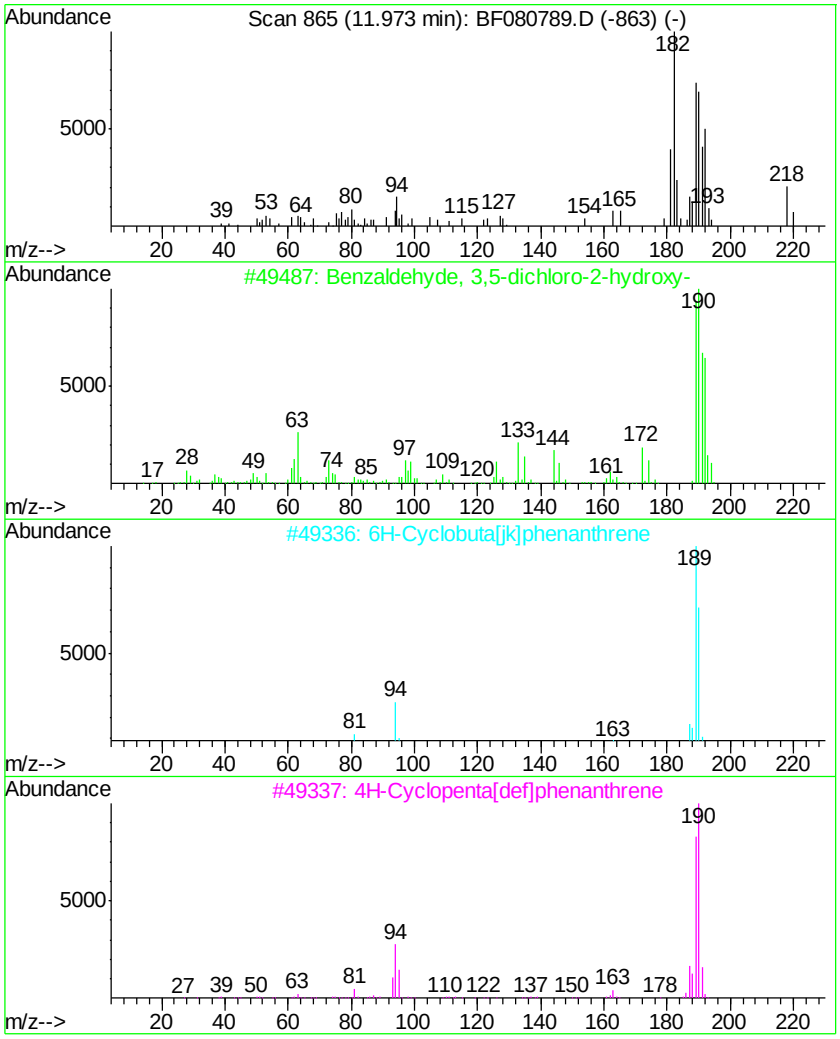
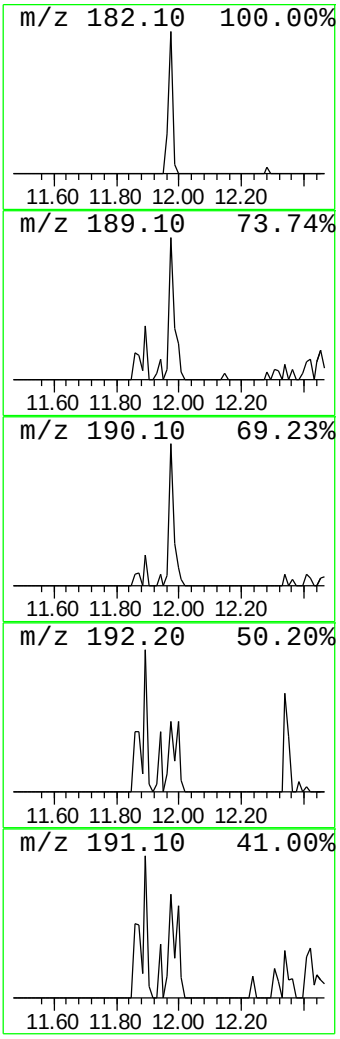
Peak Number 12 unknown11.97 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.93 ng	114036	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	38
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	30
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	30
4	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	22
5	cis-4-Chlorocinnamic acid	182	C9H7ClO2	005676-62-0	22





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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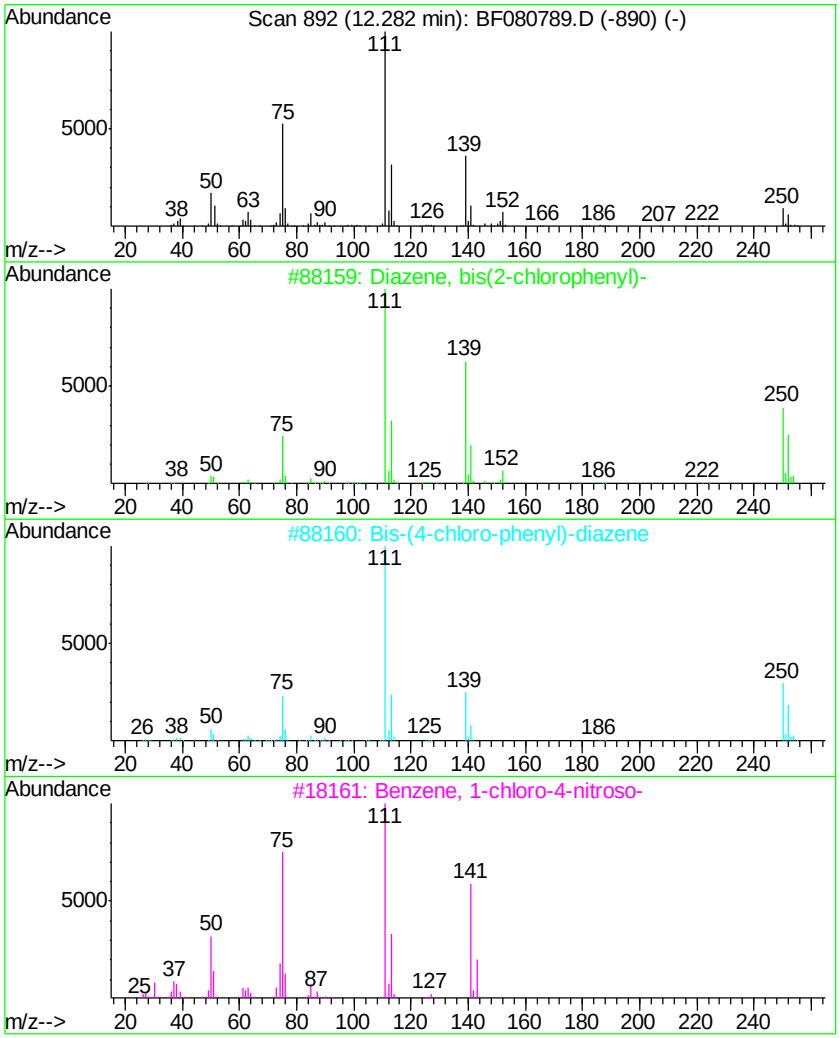
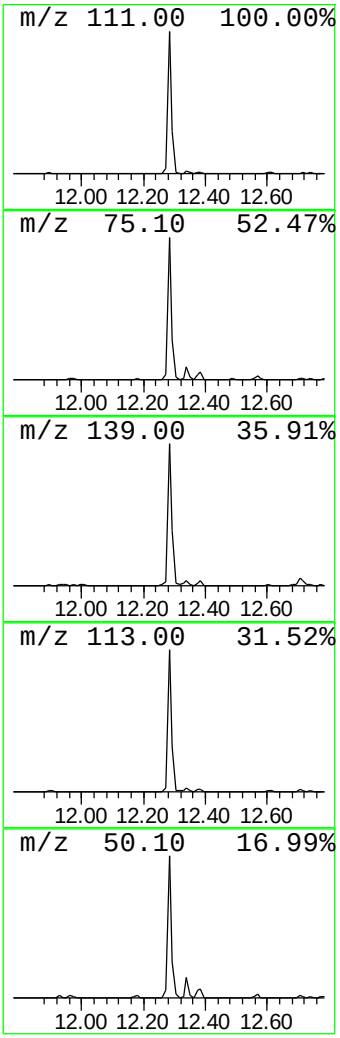
Peak Number 13 Diazene, bis(2-chlorophenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	18.97 ng	737330	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diazene, bis(2-chlorophenyl)-	250	C12H8Cl2N2	007334-33-0	97
2	Bis-(4-chloro-phenyl)-diazene	250	C12H8Cl2N2	1000192-28-4	95
3	Benzene, 1-chloro-4-nitroso-	141	C6H4ClNO	000932-98-9	72
4	Triazene, 1-(p-fluorophenyl)-1-c...	288	C14H10ClFN4	1000274-66-3	64
5	Triazene, 3-(2-chlorophenyl)-1-(...	306	C13H11ClN4O3	1000293-97-7	50





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Misc :
ALS Vial : 75 Sample Multiplier: 1

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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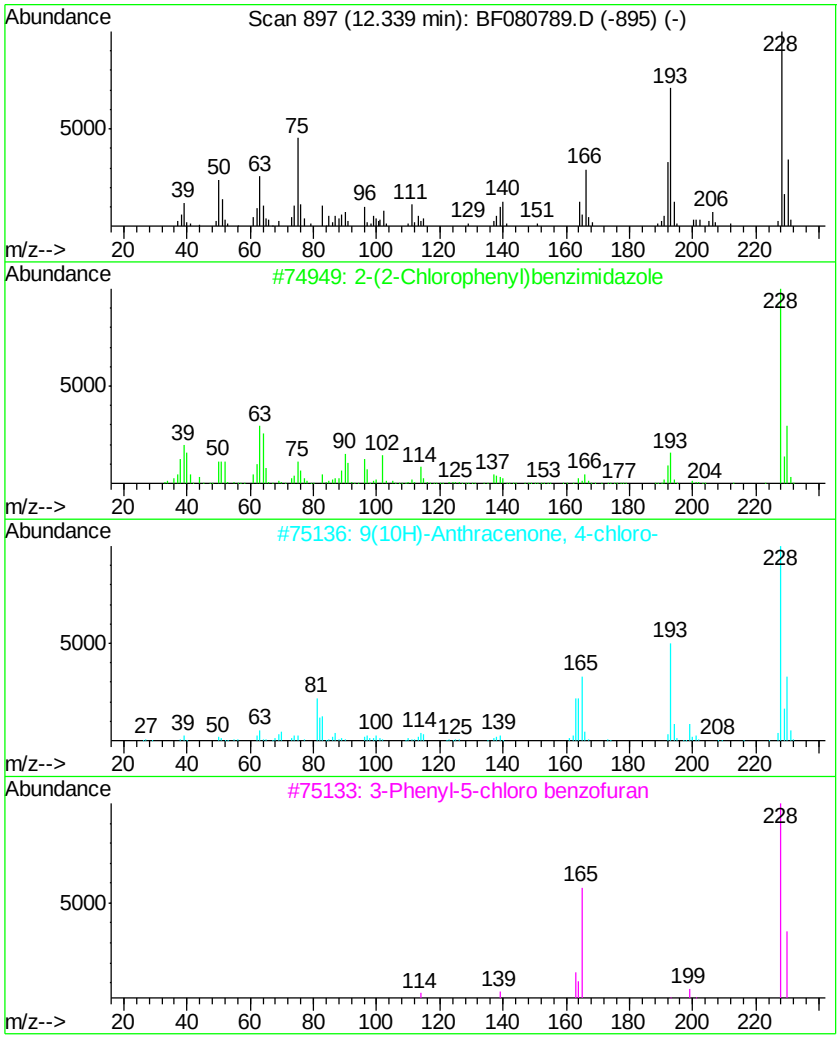
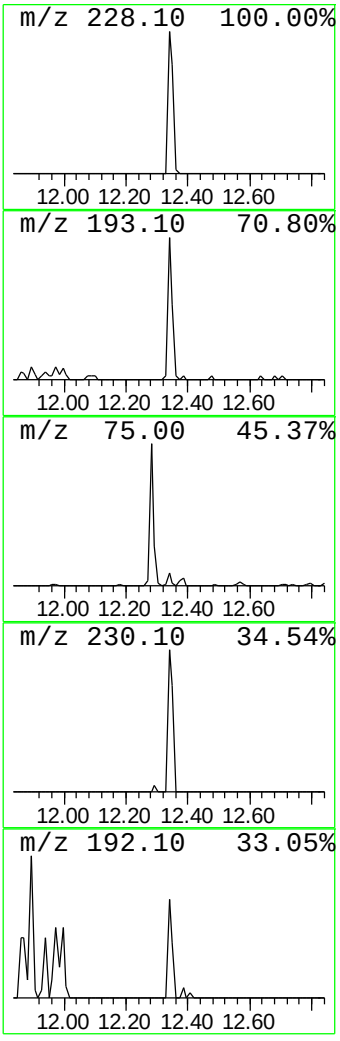
Peak Number 14 unknown12.34 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	3.71 ng	144147	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Chlorophenyl)benzimidazole	228	C13H9ClN2	003574-96-7	49
2	9(10H)-Anthracenone, 4-chloro-	228	C14H9ClO	004888-02-2	47
3	3-Phenyl-5-chloro benzofuran	228	C14H9ClO	054923-63-6	38
4	9(10H)-Anthracenone, 1-chloro-	228	C14H9ClO	004887-98-3	30
5	5-Chloro-3-phenyl-1H-indazole	228	C13H9ClN2	013097-03-5	30





Library Search Compound Report

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Sample : G3130-01
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ClientSampleId : SOIL-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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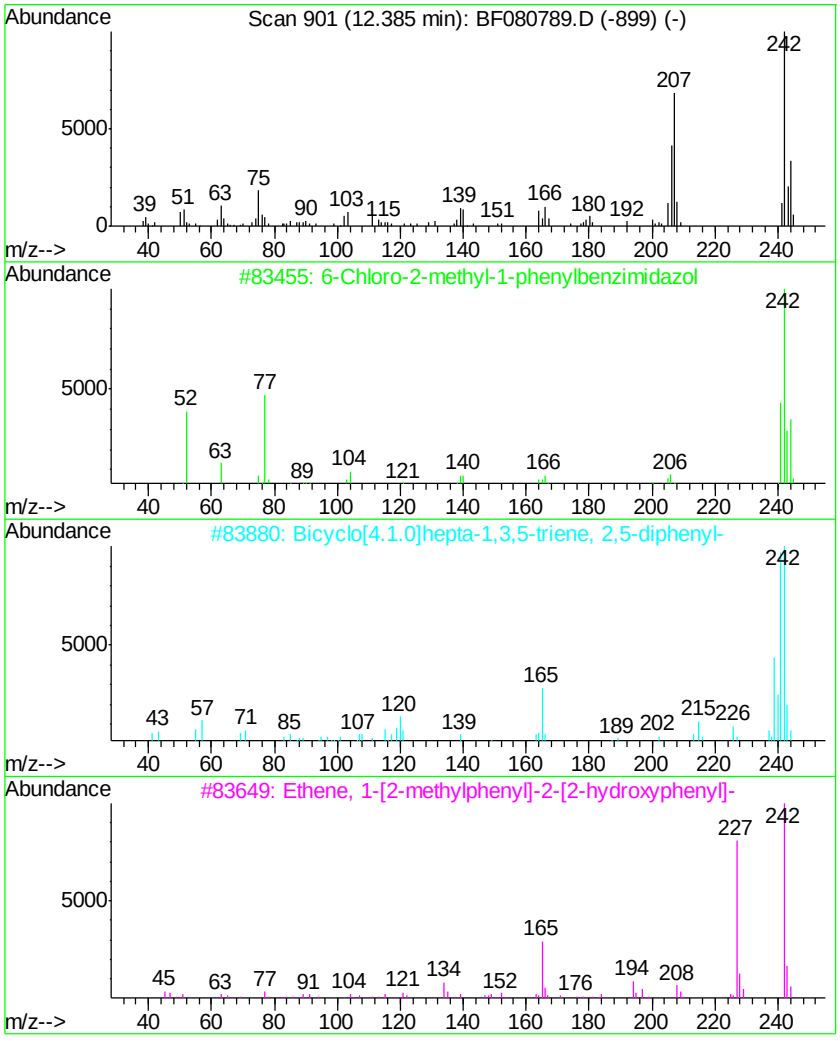
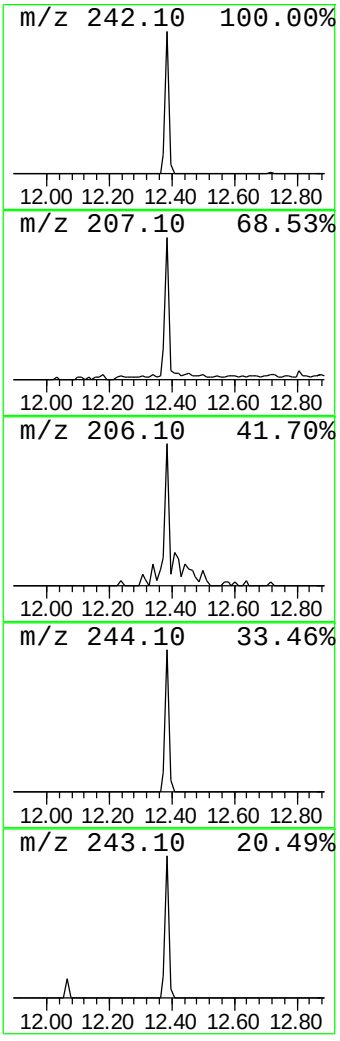
Peak Number 15 6-Chloro-2-methyl-1-phenylb... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	3.27 ng	127036	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-2-methyl-1-phenylbenzim...	242	C14H11ClN2	051011-13-3	70
2	Bicyclo[4.1.0]hepta-1,3,5-triene...	242	C19H14	052750-12-6	35
3	Ethene, 1-[2-methylphenyl]-2-[2-...	242	C15H14OS	1000132-66-7	32
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	25
5	Benz[a]anthracene, 4-methyl-	242	C19H14	000316-49-4	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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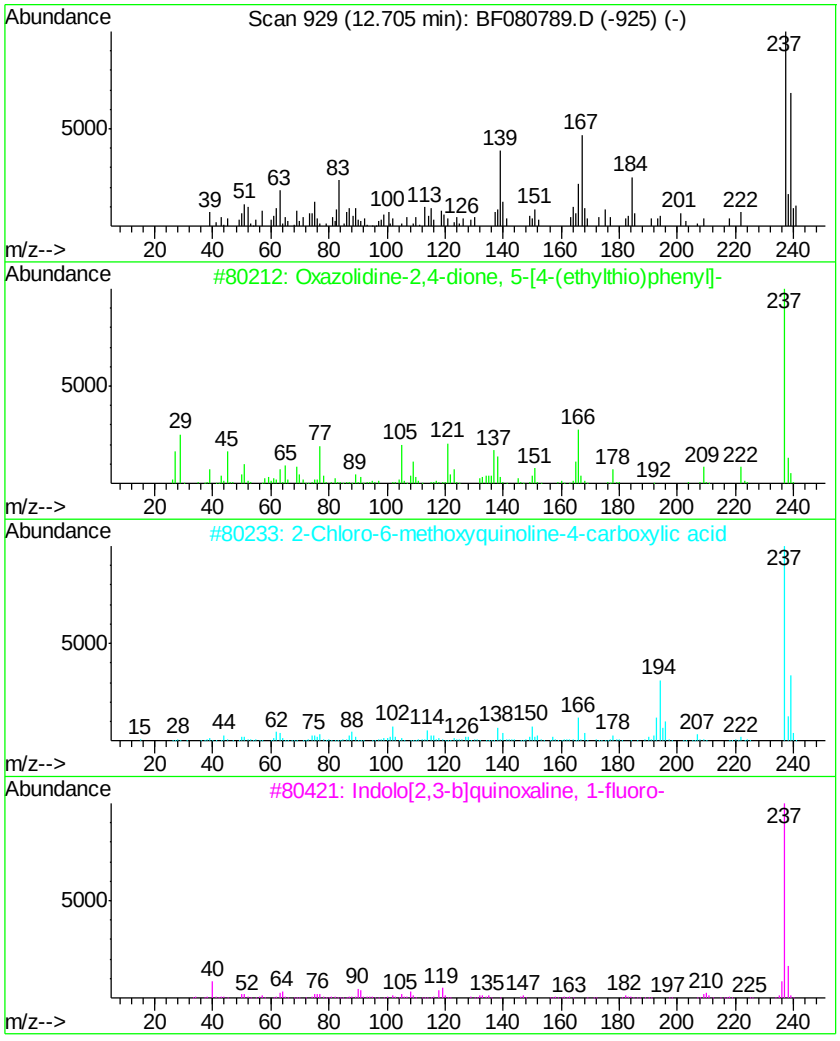
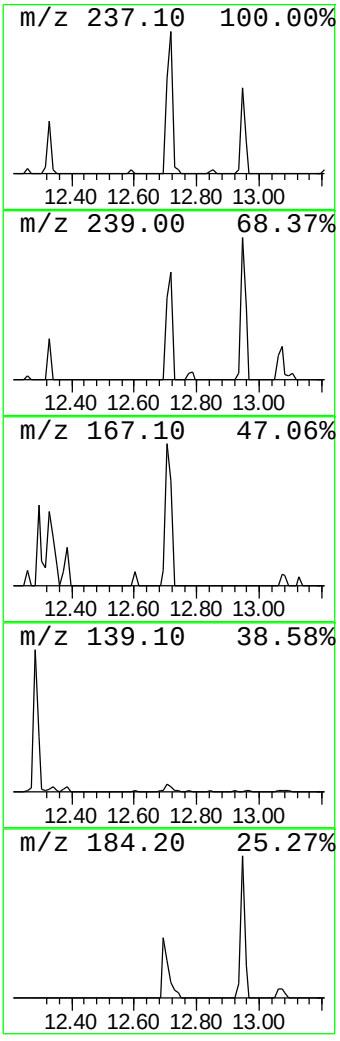
Peak Number 16 unknown12.71 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.44 ng	196117	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazolidine-2,4-dione, 5-[4-(eth...	237	C11H11NO3S	1000159-28-3	22
2	2-Chloro-6-methoxyquinoline-4-ca...	237	C11H8ClNO3	020335-34-6	16
3	Indolo[2,3-b]quinoxaline, 1-fluoro-	237	C14H8FN3	296244-71-8	14
4	1,5-Diazabicyclo[3.1.0]hexane, 6...	238	C10H11BrN2	1000277-66-7	14
5	1H-Indole-2,3-dione, 3-(phenylhy...	237	C14H11N3O	017310-26-8	14





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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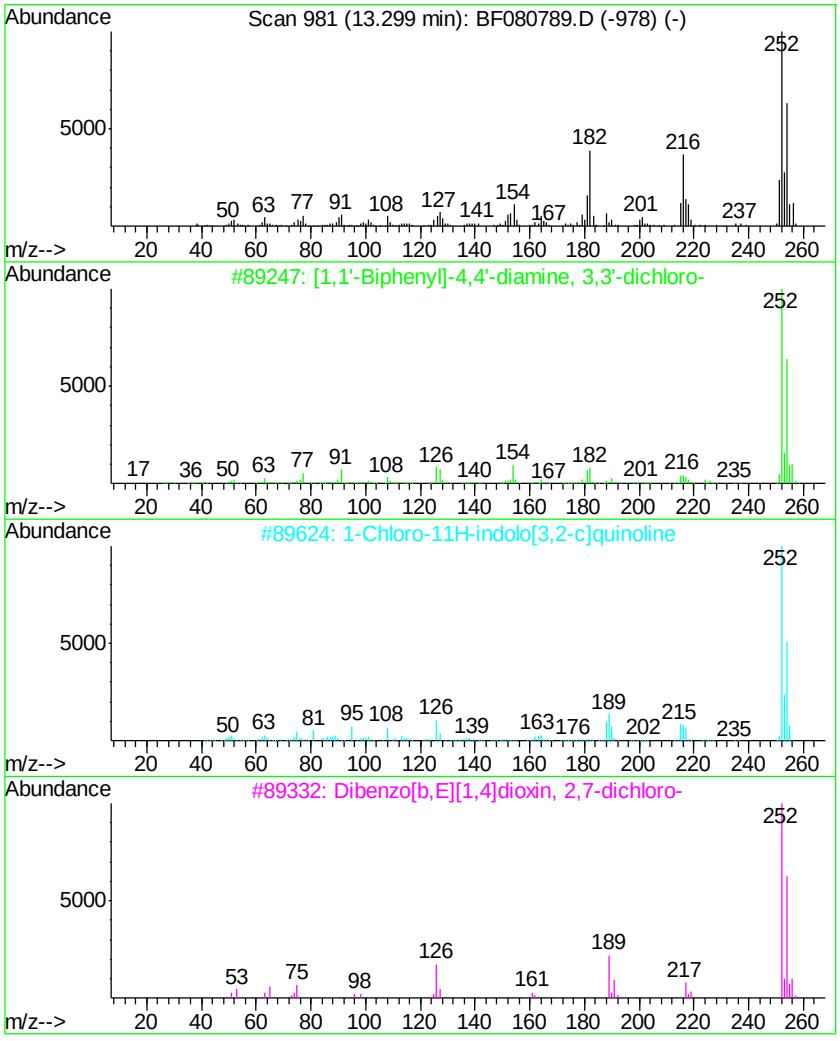
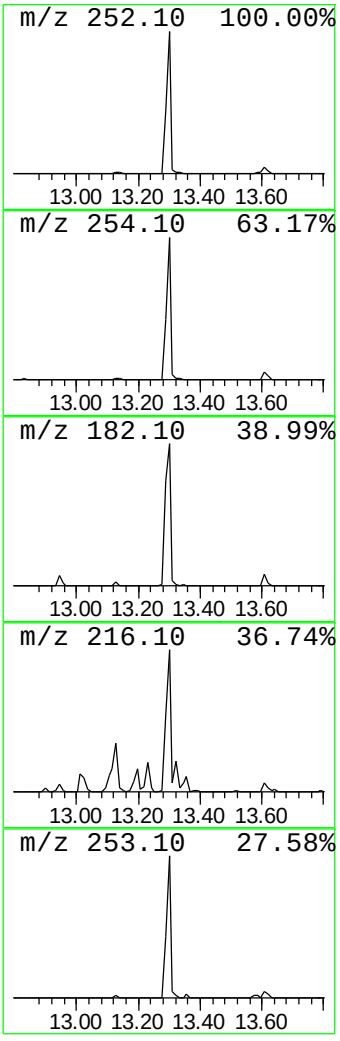
Peak Number 17 [1,1'-Biphenyl]-4,4'-diamin... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	9.56 ng	544993	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4,4'-diamine, 3,...	252	C12H10Cl2N2	000091-94-1	68
2	1-Chloro-11H-indolo[3,2-c]quinoline	252	C15H9ClN2	155249-51-7	64
3	Dibenzo[b,E][1,4]dioxin, 2,7-dic...	252	C12H6Cl2O2	033857-26-0	60
4	Dibenzo[b,e][1,4]dioxin, 2,3-dic...	252	C12H6Cl2O2	029446-15-9	49
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	27





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ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-3

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TIC Library : C:\DATABASE\NIST02.L
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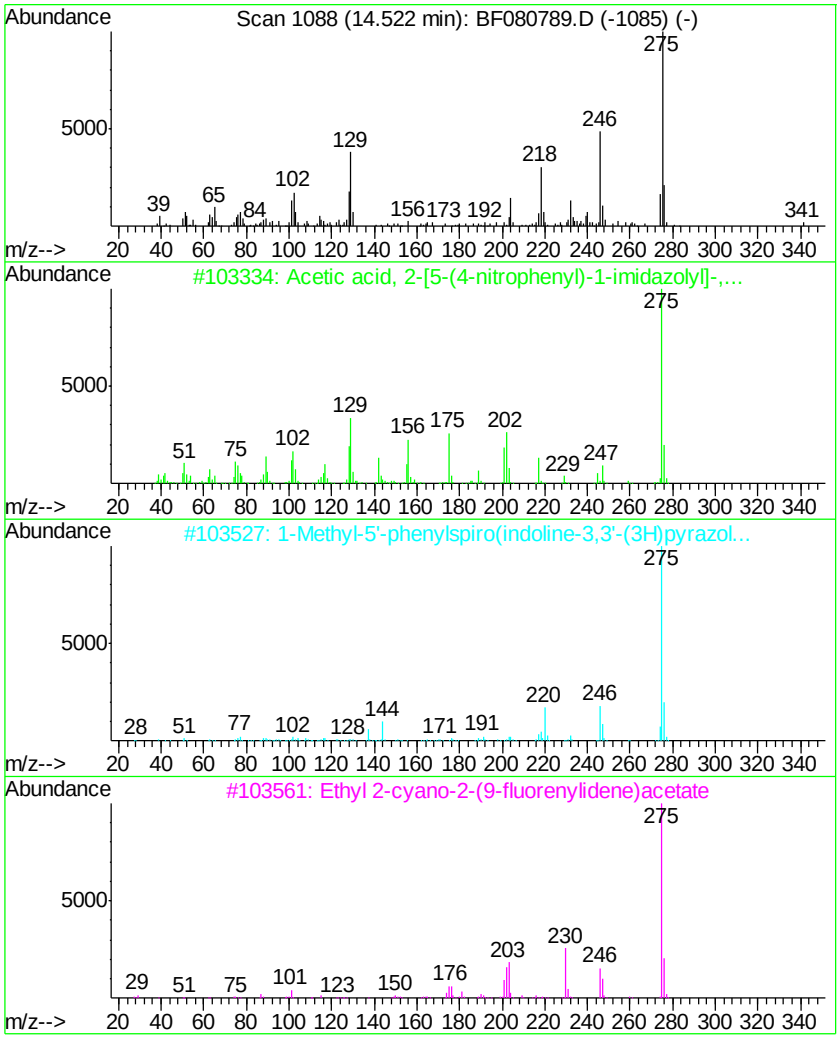
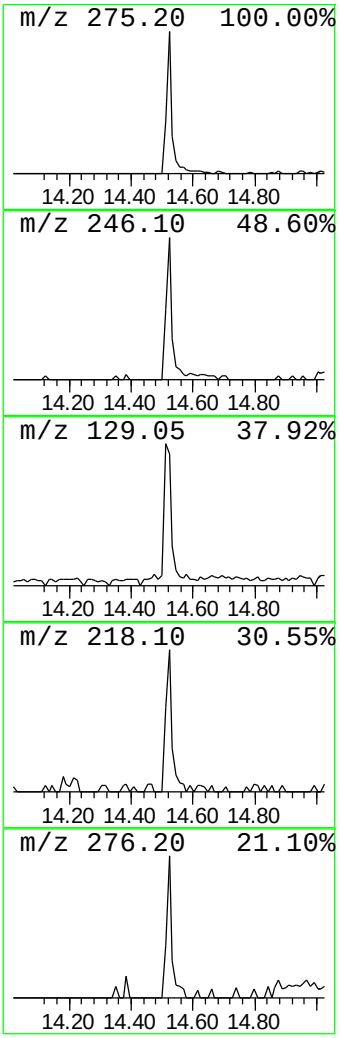
Peak Number 18 Acetic acid, 2-[5-(4-nitrop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	4.06 ng	231483	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-[5-(4-nitrophenyl...	275	C13H13N3O4	351064-45-4	53
2	1-Methyl-5'-phenylspiro(indoline...	275	C17H13N3O	015970-21-5	47
3	Ethyl 2-cyano-2-(9-fluorenyliden...	275	C18H13NO2	014003-25-9	43
4	8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	43
5	3,5-Diamino-6-[3,4-diethoxypheny...	275	C13H17N5O2	058848-69-4	40





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Sample : G3130-01
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
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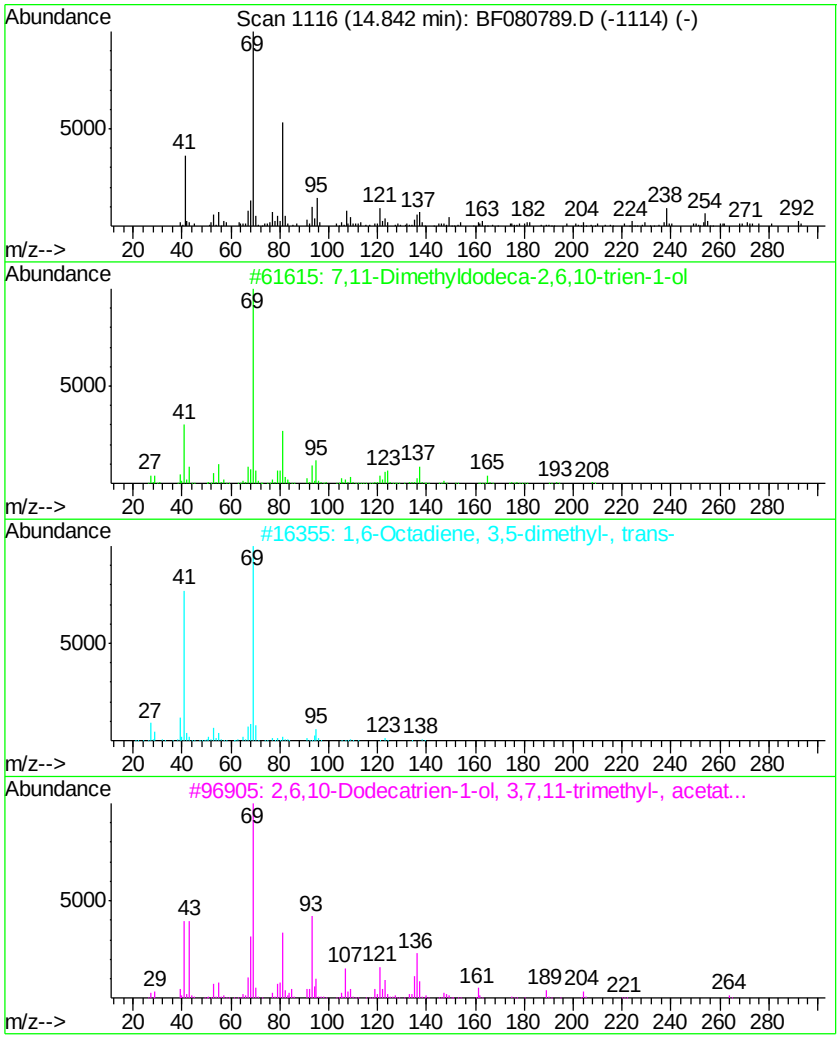
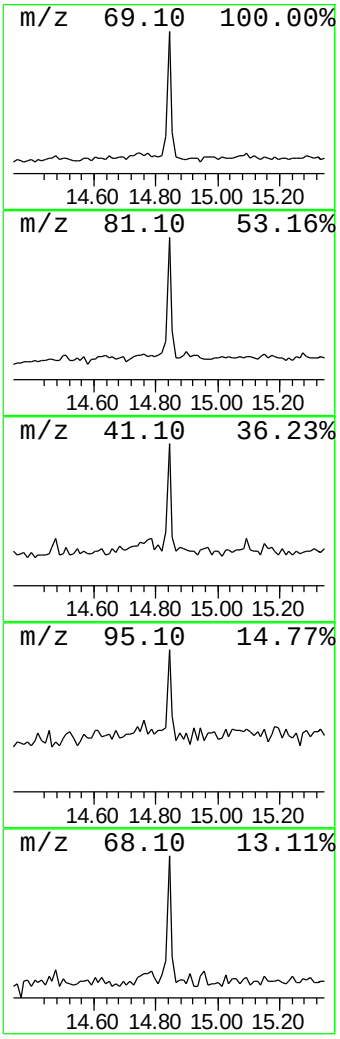
Peak Number 19 7,11-Dimethyldodeca-2,6,10-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	3.41 ng	169639	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59
2	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	53
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	53
4	Trifluoroacetyl-lavandulol	250	C12H17F3O2	028673-24-7	52
5	1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	50





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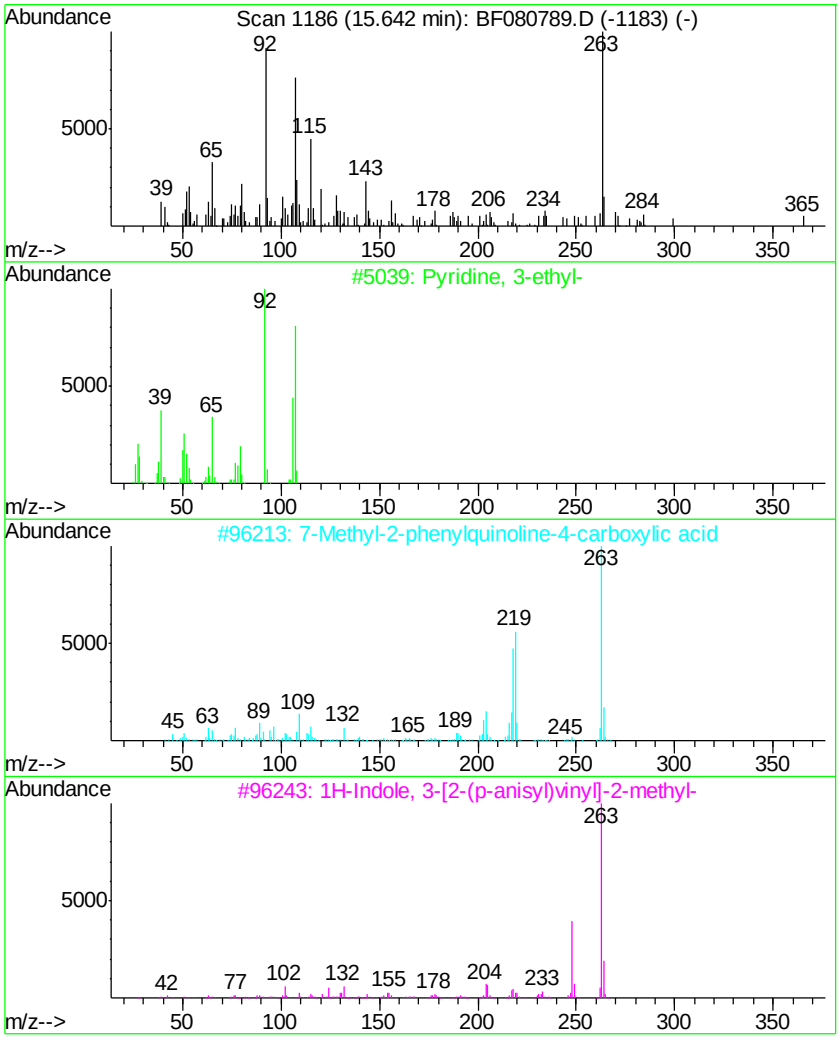
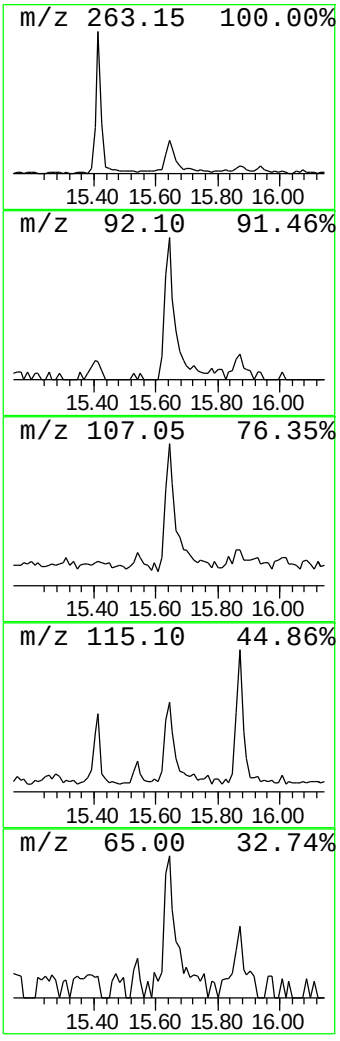
Peak Number 20 unknown15.64 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.84 ng	141373	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3-ethyl-	107	C7H9N	000536-78-7	35
2	7-Methyl-2-phenylquinoline-4-car...	263	C17H13NO2	181048-54-4	15
3	1H-Indole, 3-[2-(p-anisyl)vinyl]...	263	C18H17NO	1000164-15-4	15
4	1H-Azepine, 1-(phenylsulfonyl)-	233	C12H11NO2S	020646-54-2	15
5	2-Methyl-4-(3'-phenylpropyl)pyri...	211	C15H17N	093971-09-6	14





Tentatively Identified Compound (LSC) summary

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Acq On : 1 Aug 2015 19:32
Operator : TP/UM
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.20	2.20	2.5	ng	109370	1	6.85	863138	20.0
2-Pentanone, 4-hy...	5.04	52.1	ng	2246610	1	6.85	863138	20.0
Benzene, 1,2,3-tr...	6.68	2.2	ng	93098	1	6.85	863138	20.0
Benzenethiol, 2,5...	8.93	7.8	ng	358322	2	8.13	918782	20.0
unknown9.71	9.71	2.3	ng	90734	3	9.88	801212	20.0
Tridecane	10.80	2.1	ng	83383	4	11.37	777337	20.0
Tridecanoic acid	11.89	5.9	ng	229407	4	11.37	777337	20.0
unknown11.97	11.97	2.9	ng	114036	4	11.37	777337	20.0
Diazene, bis(2-ch...	12.28	19.0	ng	737330	4	11.37	777337	20.0
unknown12.34	12.34	3.7	ng	144147	4	11.37	777337	20.0
6-Chloro-2-methyl...	12.39	3.3	ng	127036	4	11.37	777337	20.0
unknown12.71	12.71	3.4	ng	196117	5	14.00	1140260	20.0
[1,1'-Biphenyl]-4...	13.30	9.6	ng	544993	5	14.00	1140260	20.0
Acetic acid, 2-[5...	14.52	4.1	ng	231483	5	14.00	1140260	20.0
7,11-Dimethyldode...	14.84	3.4	ng	169639	6	15.41	996171	20.0
unknown15.64	15.64	2.8	ng	141373	6	15.41	996171	20.0