LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM-EPA-BM101217.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.528	239	245	254	rBV	650030	1017061	3.20%	0.561%
2	5.457	396	403	414	rBV	247763	551618	1.74%	0.304%
3	5.810	457	463	472	rBV2	781175	1611552	5.07%	0.889%
4	6.310	536	548	554	rBV	224610	404630	1.27%	0.223%
5	6.804	622	632	637	rBV	860646	1287040	4.05%	0.710%
6	7.004	654	666	670	rBV	1006170	2232489	7.02%	1.231%
7	7.040	670	672	680	rVB3	387757	641054	2.02%	0.354%
8	7.163	683	693	705	rBV2	926348	1873594	5.89%	1.033%
9	7.363	718	727	735	rVB2	1412599	2742992	8.63%	1.513%
10	7.440	735	740	742	rBV	377689	594861	1.87%	0.328%
11	7.651	772	776	781	rVB	229727	363279	1.14%	0.200%
12	7.792	788	800	804	rBV	1540509	2576973	8.11%	1.421%
13	7.834	804	807	814	rVB	1338486	1968211	6.19%	1.085%
14	7.940	820	825	831	rBV	545117	833122	2.62%	0.459%
15	8.045	837	843	850	rBV	2225944	3765677	11.85%	2.077%
16	8.298	880	886	890	rBV	514045	846153	2.66%	0.467%
17	8.357	890	896	910	rVB	2360169	4975062	15.65%	2.744%
18	8.487	910	918	923	rBV	2374549	3923367	12.34%	2.164%
19	8.551	923	929	936	rVB3	1403707	2677850	8.42%	1.477%
20	8.698	944	954	957	rBV2	1307650	2815658	8.86%	1.553%
21	8.851	972	980	988	rBV4	540113	1448829	4.56%	0.799%
22	8.934	988	994	1000	rVB	1266130	2203773	6.93%	1.215%
23	9.004	1000	1006	1010	rBV	1313342	2468934	7.77%	1.362%
24	9.051	1010	1014	1023	rVB2	1198401	2285526	7.19%	1.260%
25	9.134	1023	1028	1033	rBV4	257136	579570	1.82%	0.320%
26	9.192	1033	1038	1044	rVB4	266836	532554	1.68%	0.294%
27	9.263	1045	1050	1054	rBV	186141	344808	1.08%	0.190%
28	9.334	1057	1062	1066	rVV	1084151	1569941	4.94%	0.866%
29	9.392	1066	1072	1076	rVV	2204858	3565933	11.22%	1.967%
30	9.434	1076	1079	1086	rVB3	299163	543987	1.71%	0.300%
31	9.516	1086	1093	1096	rBV2	272957	590182	1.86%	0.325%
32	9.581	1101	1104	1109	rVV	467199	685737	2.16%	0.378%
33	9.634	1109	1113	1117	rVV	631666	932566	2.93%	0.514%
34	9.722	1121	1128	1139	rVB2	1000467	2109283	6.64%	1.163%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM-EPA-BM101217.M
Title : SVOA CALIBRATION

35	9.816	1139	1144	1151	rBV5	303173	613473	1.93%	0.338%
36	9.892	1151	1157	1165	rVV3	648208	1711506	5.38%	0.944%
37	10.016	1169	1178	1186	rVV	2568231	5250812	16.52%	2.896%
38	10.092	1186	1191	1195	rVV	1905459	3029548	9.53%	1.671%
39	10.134	1195	1198	1204	rVB	1163127	1651437	5.20%	0.911%
40	10.198	1204	1209	1215	rBV4	395225	833522	2.62%	0.460%
41	10.263	1215	1220	1228	rVB2	1235422	2310440	7.27%	1.274%
42	10.345	1228	1234	1243	rBV3	601180	1126239	3.54%	0.621%
43	10.586	1270	1275	1279	rBV	378339	689555	2.17%	0.380%
44	10.639	1279	1284	1290	rVV	2094315	3443743	10.83%	1.899%
45	10.781	1303	1308	1315	rVB4	209541	371597	1.17%	0.205%
46	10.904	1325	1329	1334	rBV3	165732	349349	1.10%	0.193%
47	11.439	1414	1420	1430	rVB5	201659	454811	1.43%	0.251%
48	13.233	1721	1725	1730	rBV	258012	362773	1.14%	0.200%
49	13.345	1741	1744	1752	rVB3	246185	359861	1.13%	0.198%
50	13.892	1827	1837	1841	rBV	2479357	3638431	11.45%	2.007%
51	13.933	1841	1844	1851	rVB	1456342	2174589	6.84%	1.199%
52	14.180	1880	1886	1901	rBV	2558980	3919718	12.33%	2.162%
53	14.310	1903	1908	1913	rVV4	204315	343301	1.08%	0.189%
54	14.486	1932	1938	1944	rVB2	2521489	3792690	11.93%	2.092%
55	14.704	1968	1975	1984	rBV3	621082	1565877	4.93%	0.864%
56	14.886	1997	2006	2014	rVB7	163722	419194	1.32%	0.231%
57	15.316	2075	2079	2084	rVB	303229	382108	1.20%	0.211%
58	15.480	2101	2107	2112	rBV	2997436	4200933	13.22%	2.317%
59	15.616	2126	2130	2135	rBV	293054	421766	1.33%	0.233%
60	16.198	2221	2229	2235	rBV4	579620	1450613	4.56%	0.800%
61	16.304	2243	2247	2250	rBV	253983	342428	1.08%	0.189%
62	16.363	2254	2257	2262	rVB2	184715	323711	1.02%	0.179%
63	16.621	2297	2301	2307	rVB4	293936	482570	1.52%	0.266%
64	16.968	2356	2360	2364	rBV	272581	367049	1.15%	0.202%
65	17.015	2364	2368	2372	rBV2	518666	775569	2.44%	0.428%
66	17.233	2400	2405	2409	rBV2	2575691	3731341	11.74%	2.058%
67	17.274	2409	2412	2417	rVV	1002774	1324822	4.17%	0.731%
68	17.333	2417	2422	2434	rVV	2745824	4110349	12.93%	2.267%
69	18.121	2550	2556	2560	rBV2	5846632	8628343	27.15%	4.758%
70	18.298	2583	2586	2590	rBV4	352418	514865	1.62%	0.284%
71	18.604	2635	2638	2643	rBV2	829800	1004154	3.16%	0.554%

LSC Area Percent Report

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Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM-EPA-BM101217.M
Title : SVOA CALIBRATION

72	19.292	2748	2755	2768	rBV	18565728	31784899	100.00%	17.529%
73	19.403	2769	2774	2785	rVV	8463450	11788109	37.09%	6.501%
74	19.627	2807	2812	2815	rBV	3583039	5425061	17.07%	2.992%
75	19.656	2815	2817	2825	rVB	2035525	2647446	8.33%	1.460%
76	20.392	2939	2942	2947	rVB	2064827	2609833	8.21%	1.439%
77	21.309	3095	3098	3102	rVB	2523211	3038280	9.56%	1.676%

Sum of corrected areas: 181330581

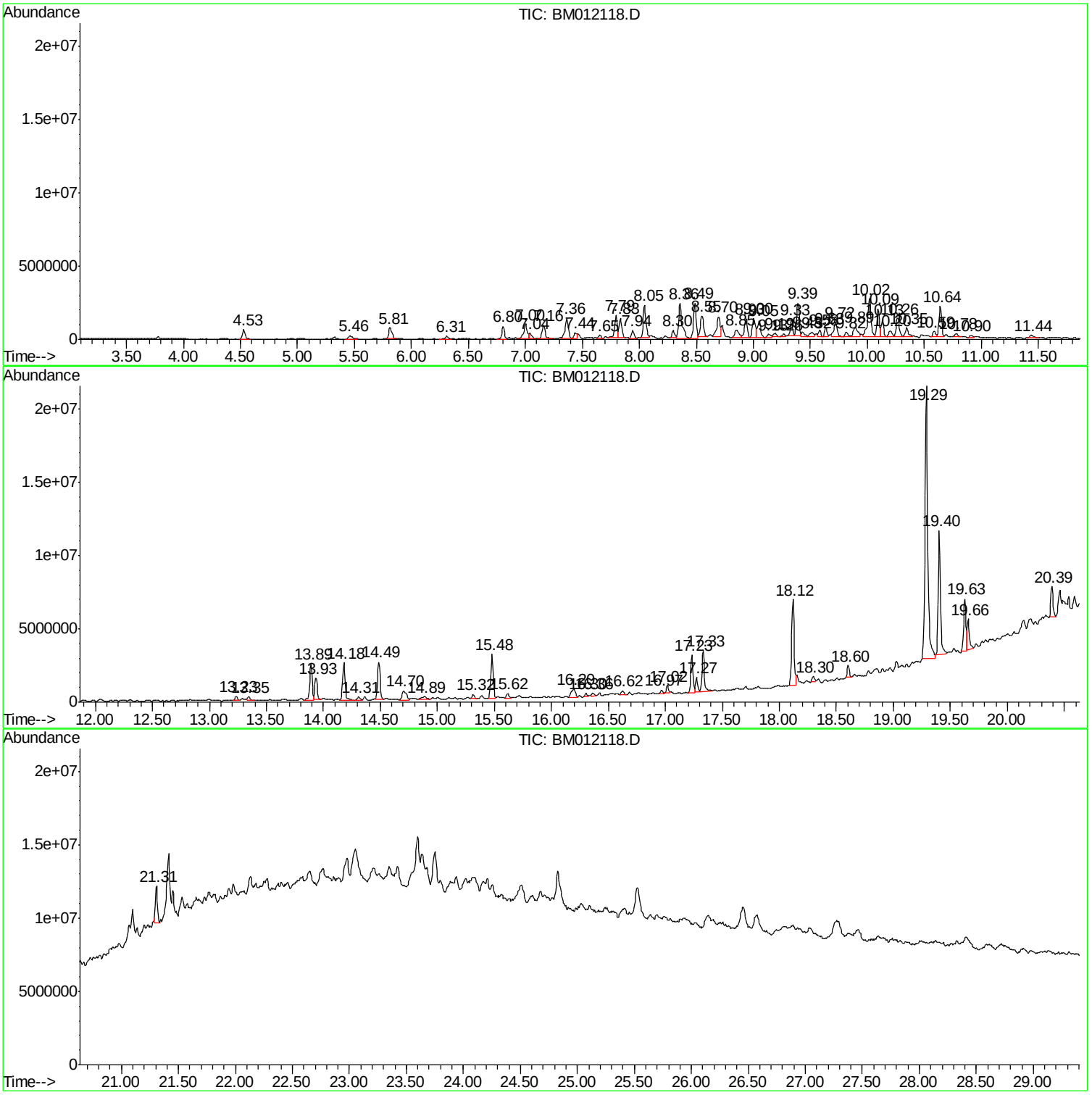
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

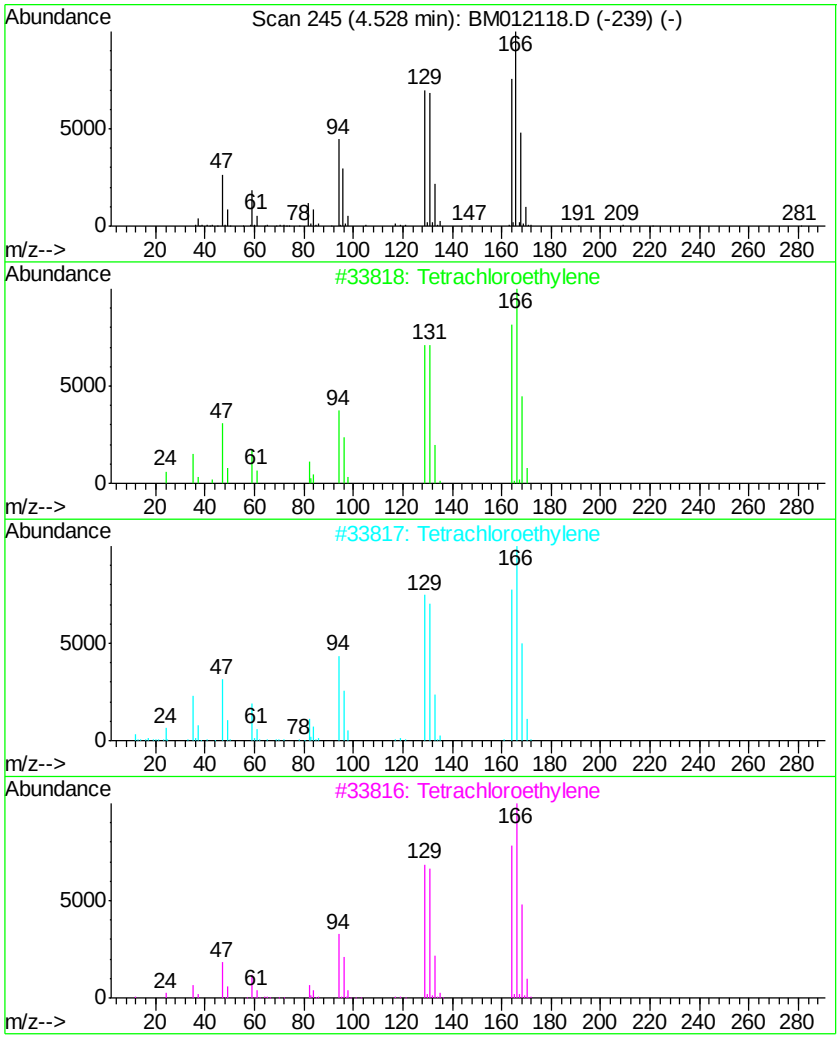
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

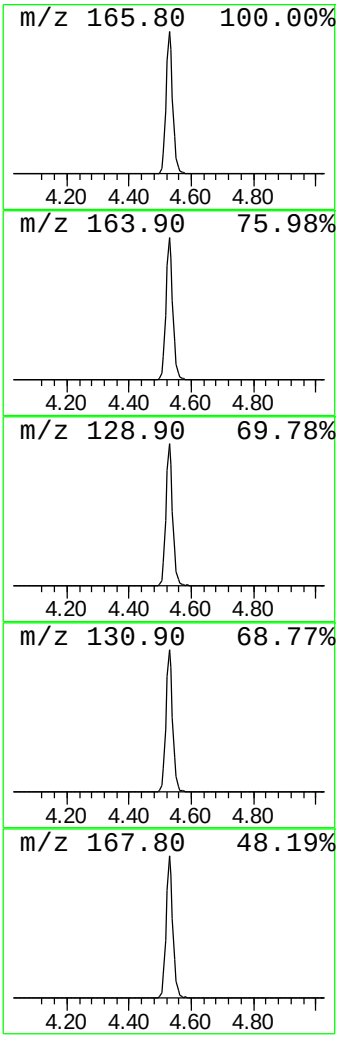
****

Peak Number 1 Tetrachloroethylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	10.33 ng/ul	1017060	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

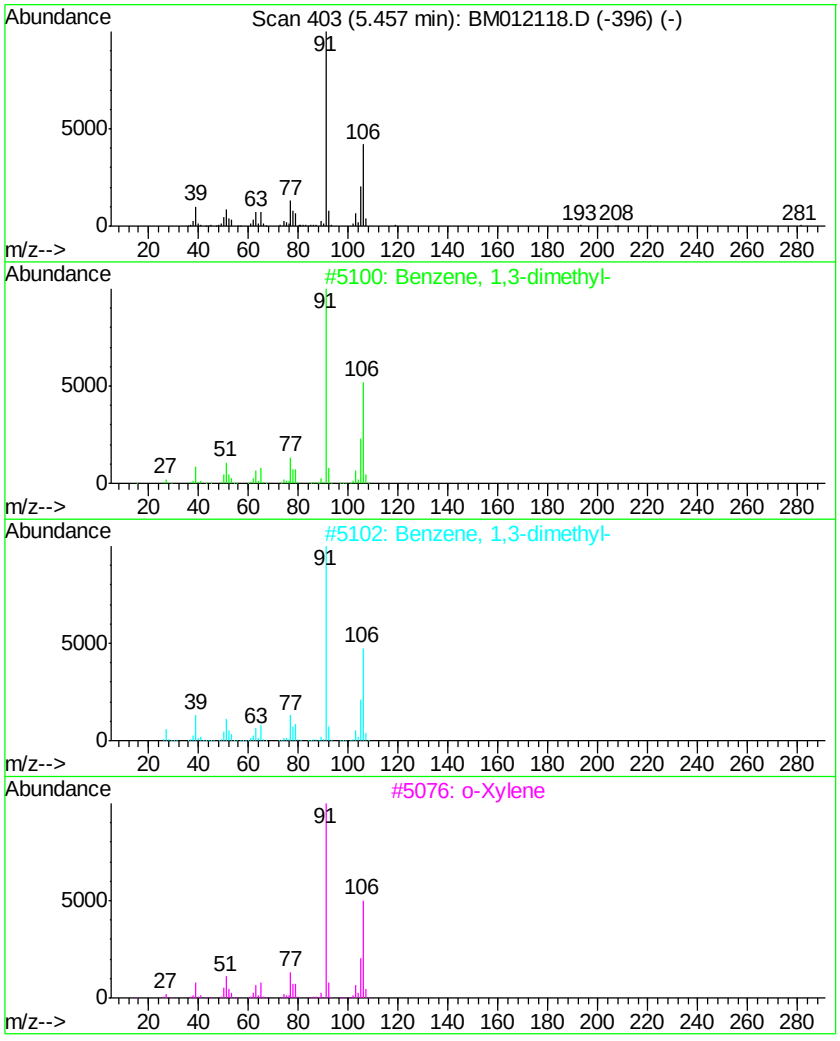
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

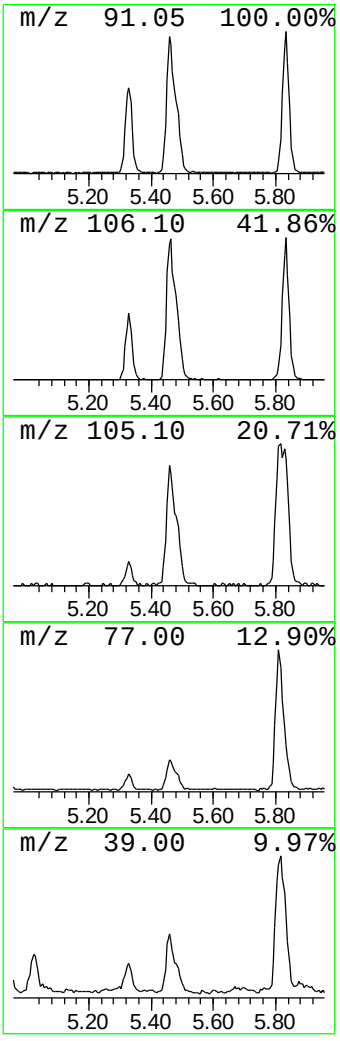
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	5.61 ng/ul	551618	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
3	o-Xylene	106	C8H10	000095-47-6	95
4	p-Xylene	106	C8H10	000106-42-3	95
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

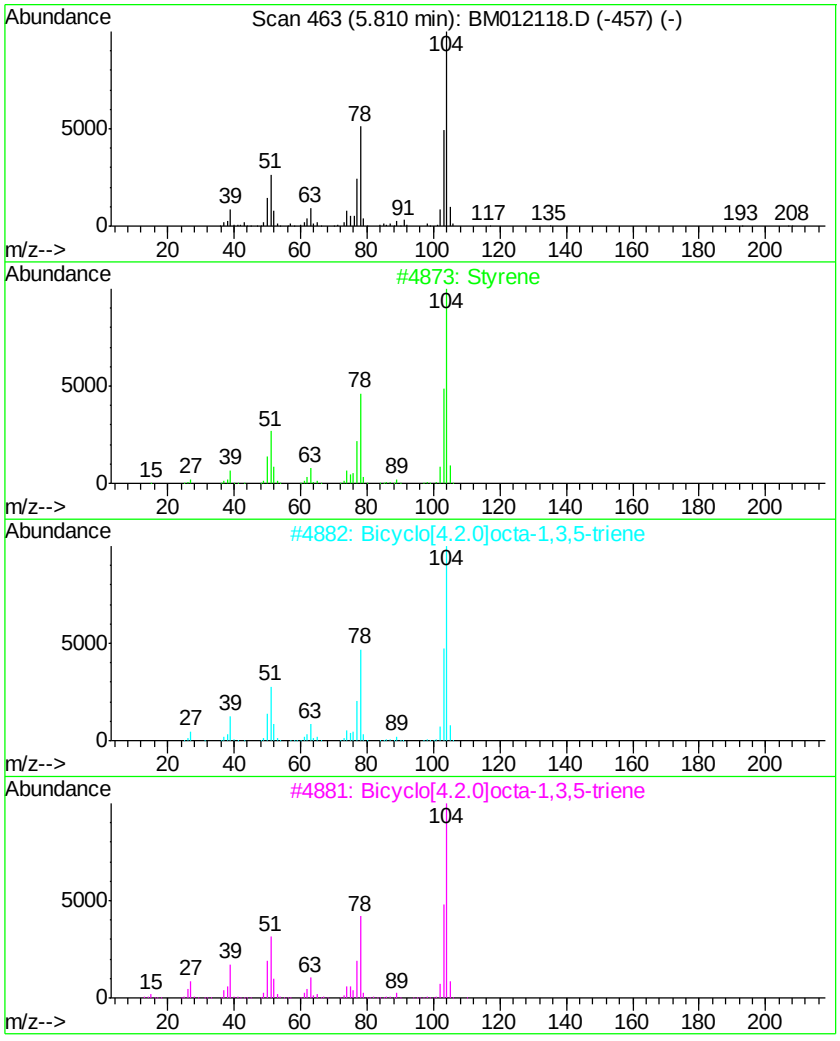
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

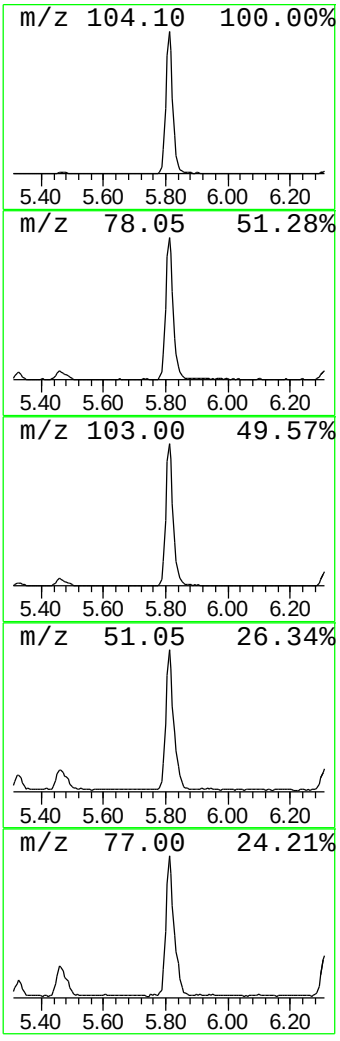
****

Peak Number 3 Styrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	16.38 ng/ul	1611550	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene	104	C8H8	000100-42-5	96
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
4	Styrene	104	C8H8	000100-42-5	94
5	Styrene	104	C8H8	000100-42-5	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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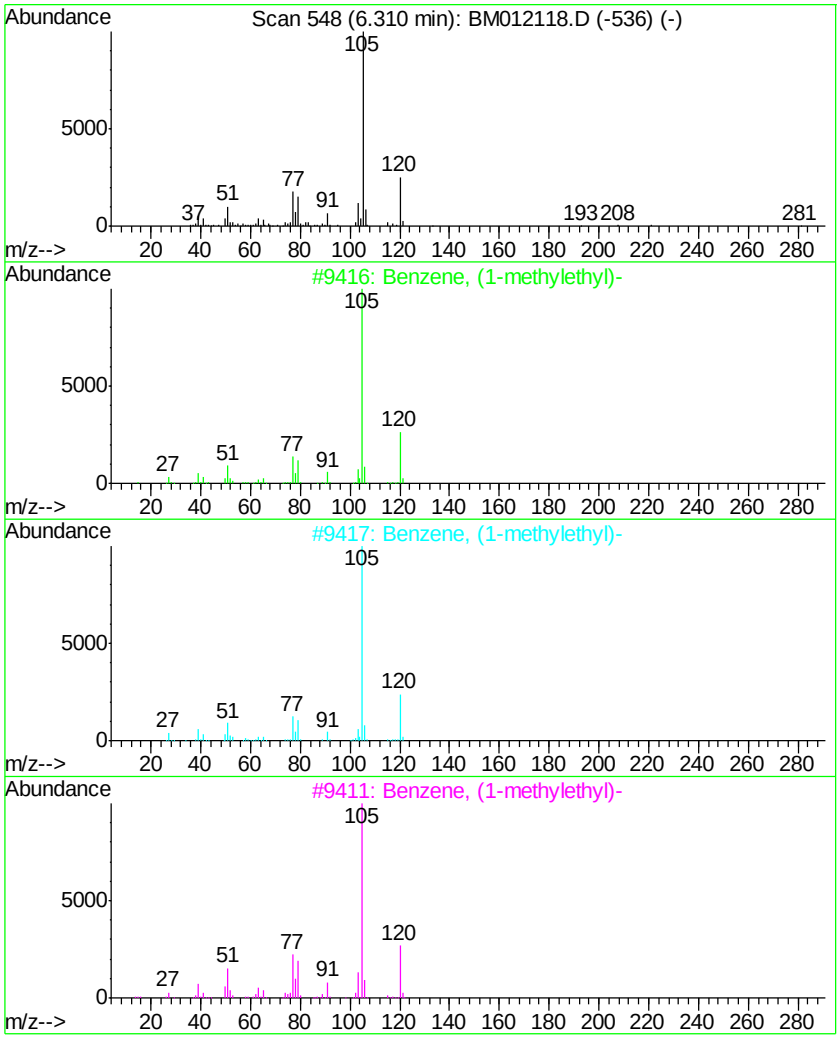
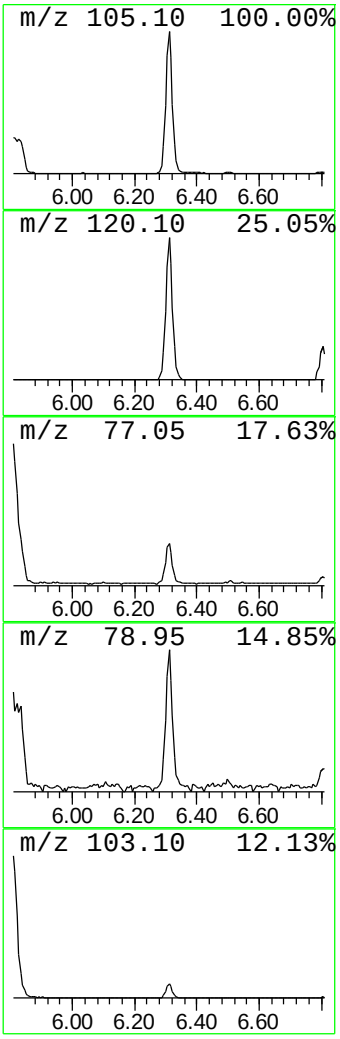
Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	4.11 ng/ul	404630	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90





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Data File : BM012118.D
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Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

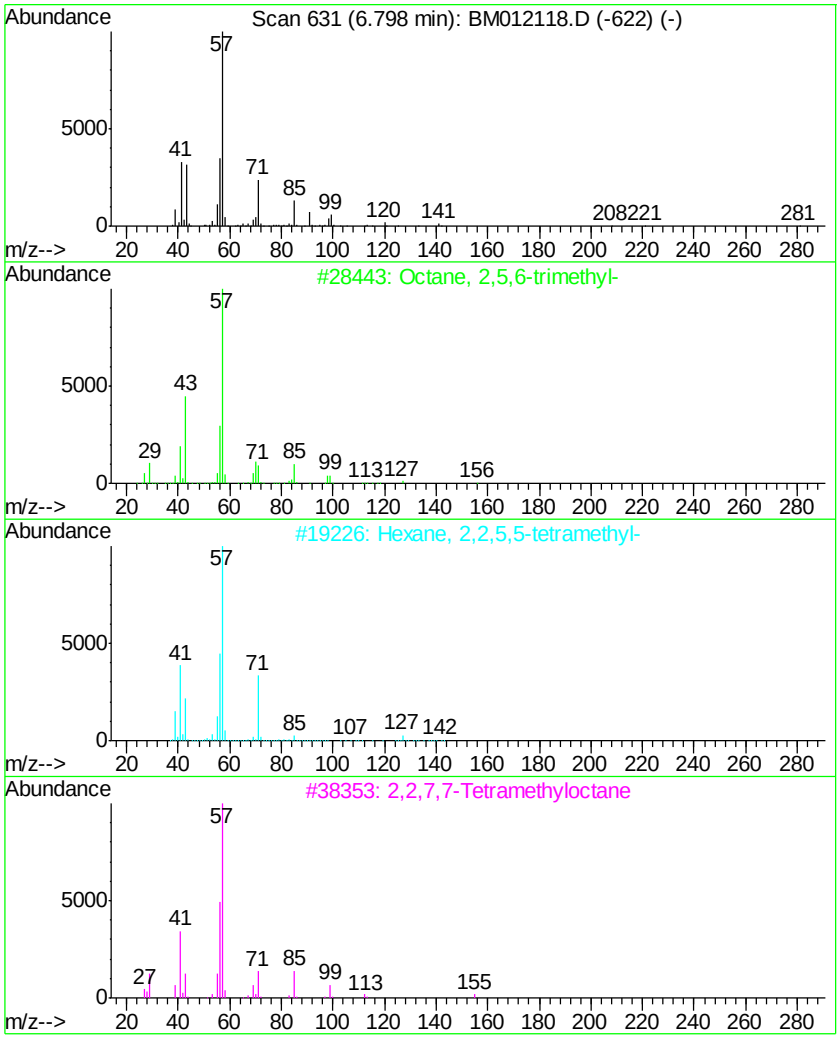
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

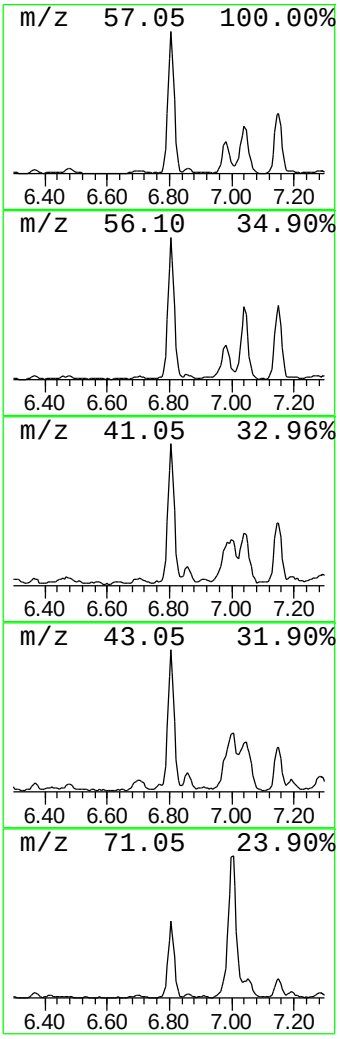
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	13.08 ng/ul	1287040	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	53
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
3	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	53
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	45





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Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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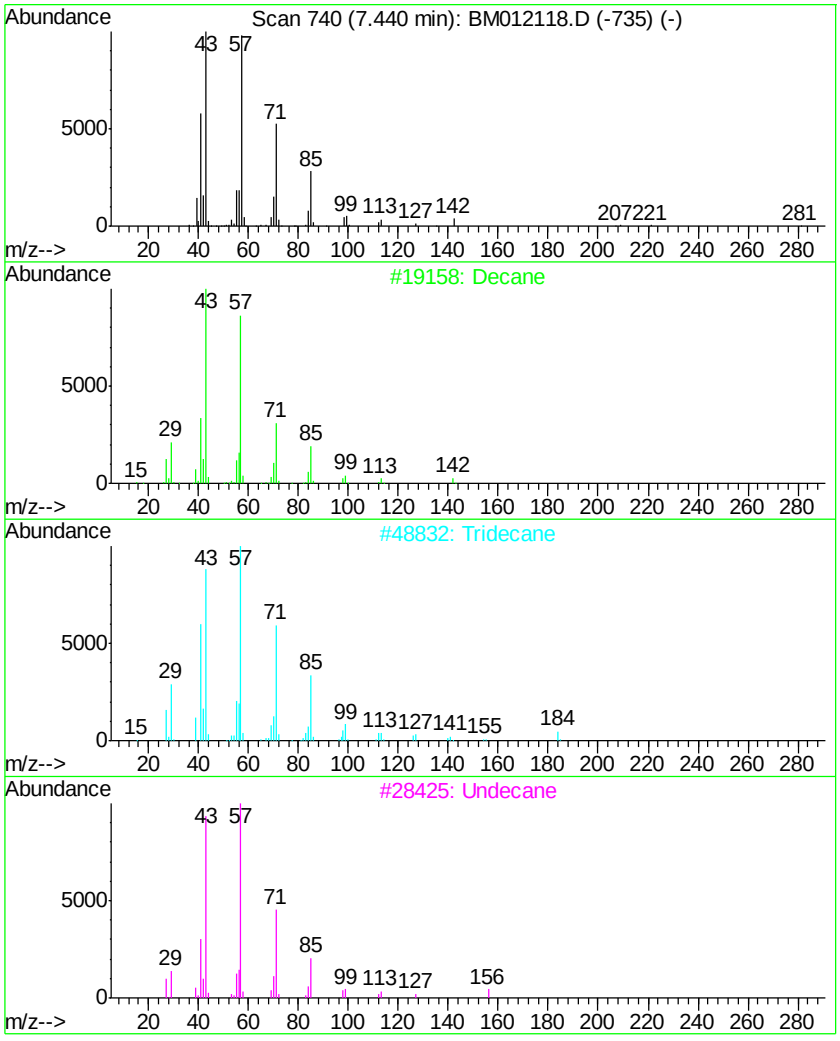
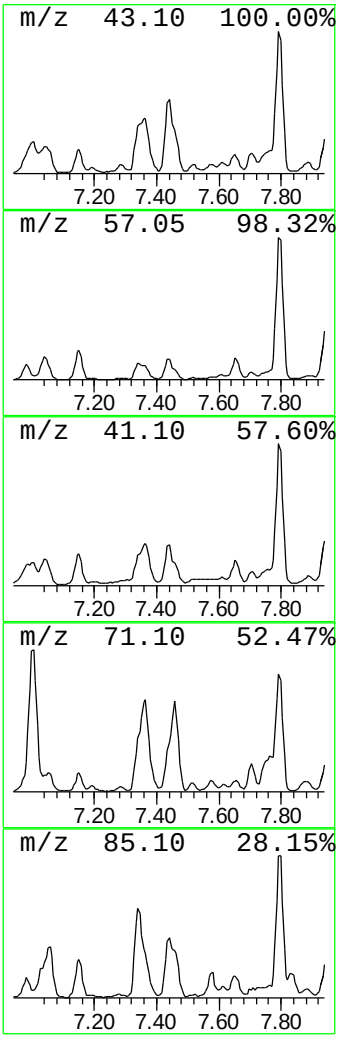
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	6.04 ng/ul	594861	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	93
2	Tridecane	184	C13H28	000629-50-5	90
3	Undecane	156	C11H24	001120-21-4	83
4	Tridecane	184	C13H28	000629-50-5	83
5	Hexadecane	226	C16H34	000544-76-3	83





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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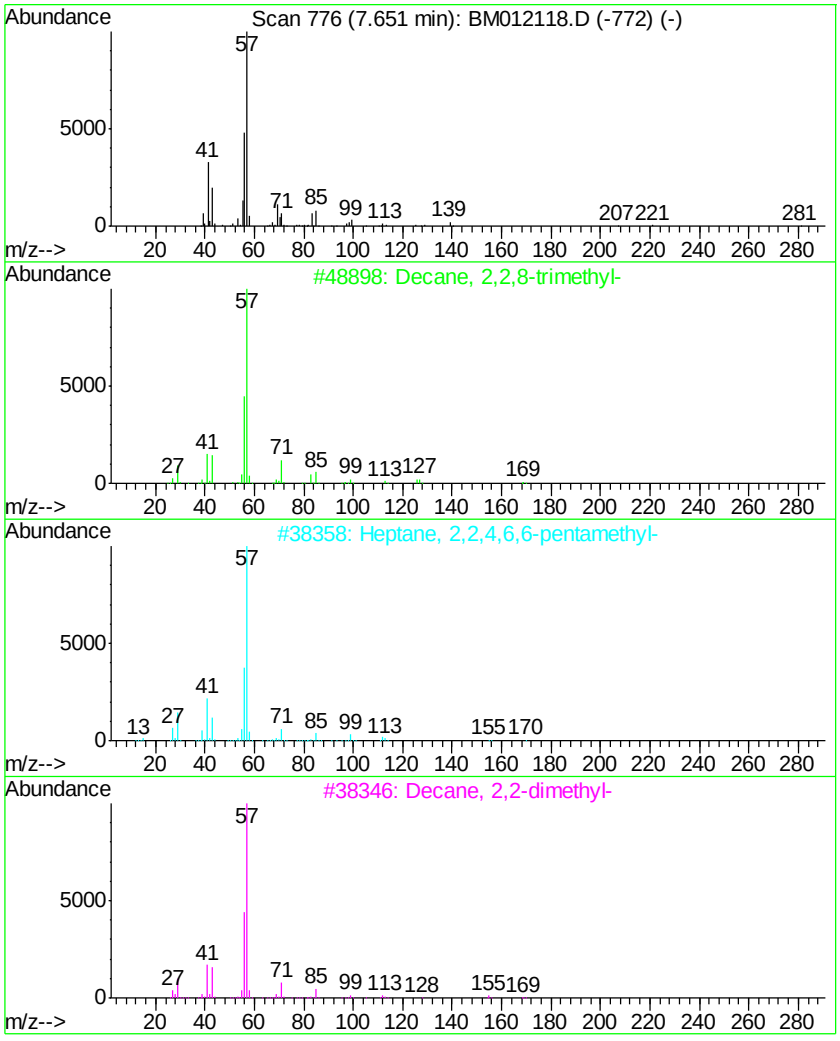
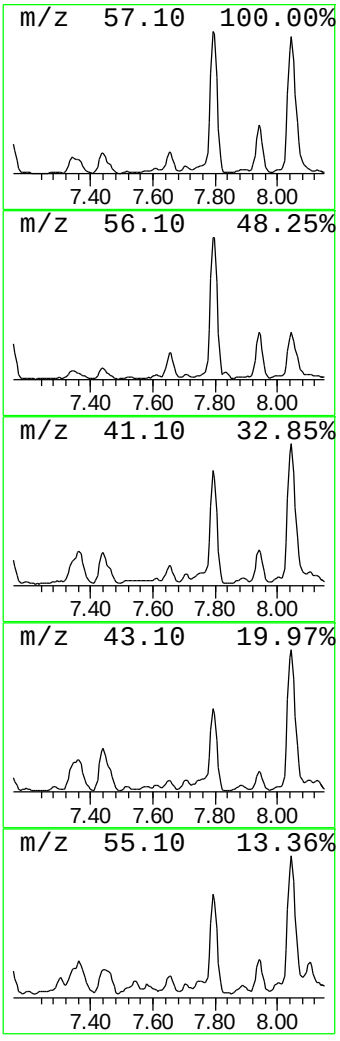
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	3.69 ng/ul	363279	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	64
2	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59
3	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	59
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	50





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Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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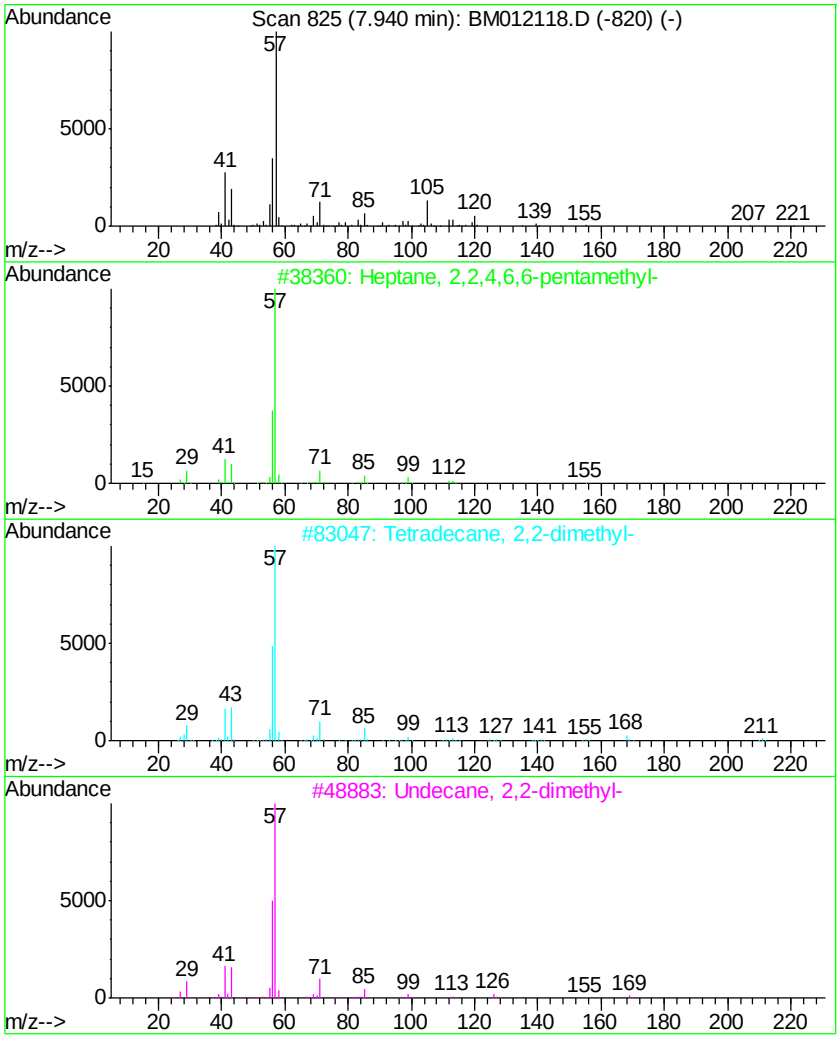
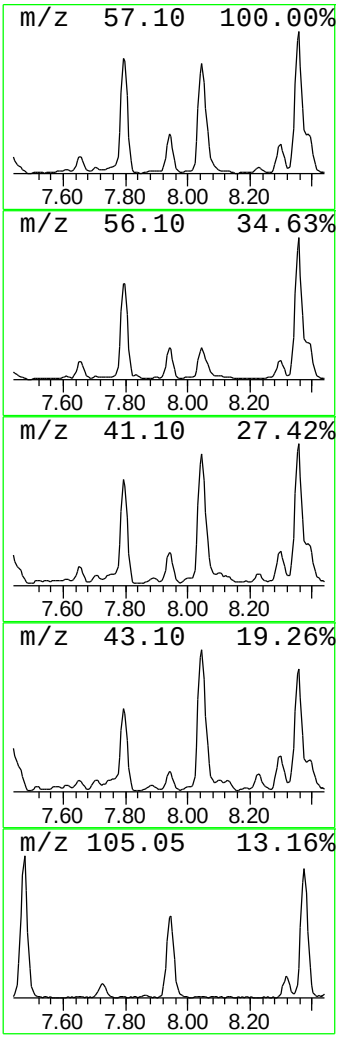
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	8.47 ng/ul	833122	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53
2	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	53
3	Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	53
4	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	50
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50





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Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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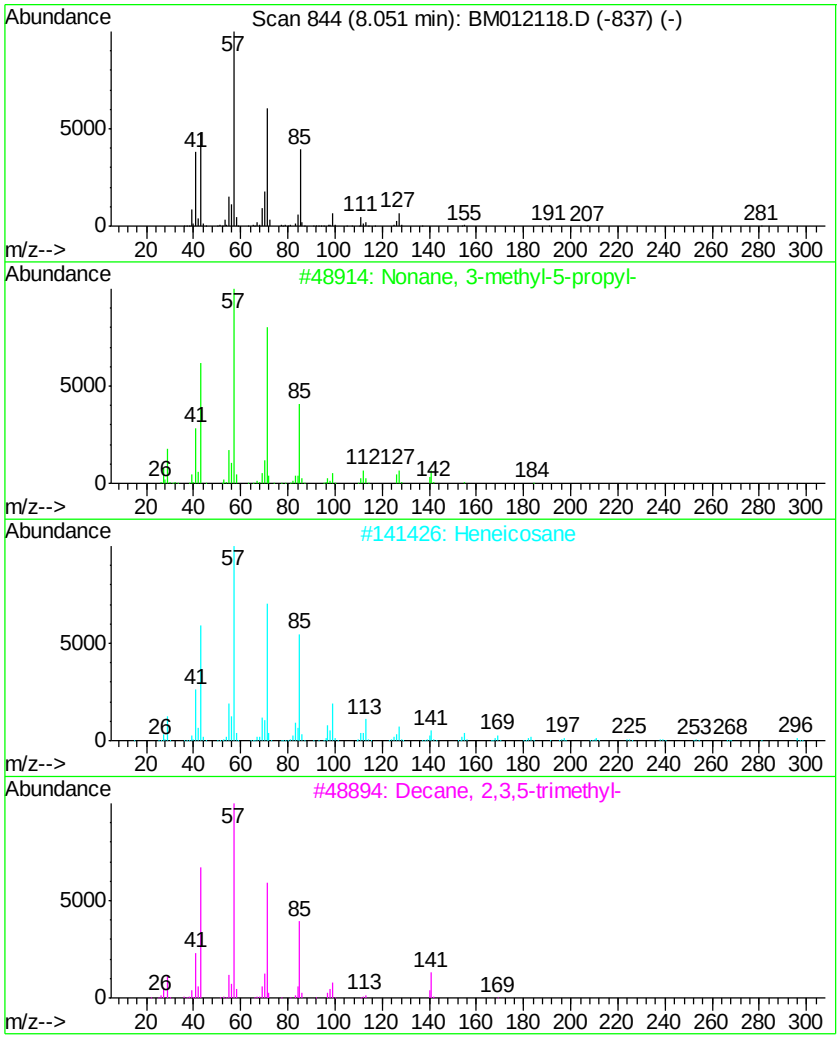
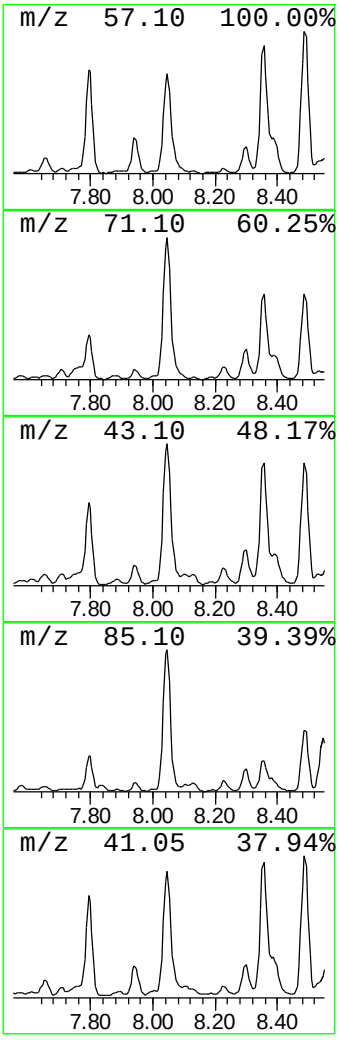
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	38.27 ng/ul	3765680	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
2	Heneicosane	296	C21H44	000629-94-7	78
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
4	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	64
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	59





Library Search Compound Report

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Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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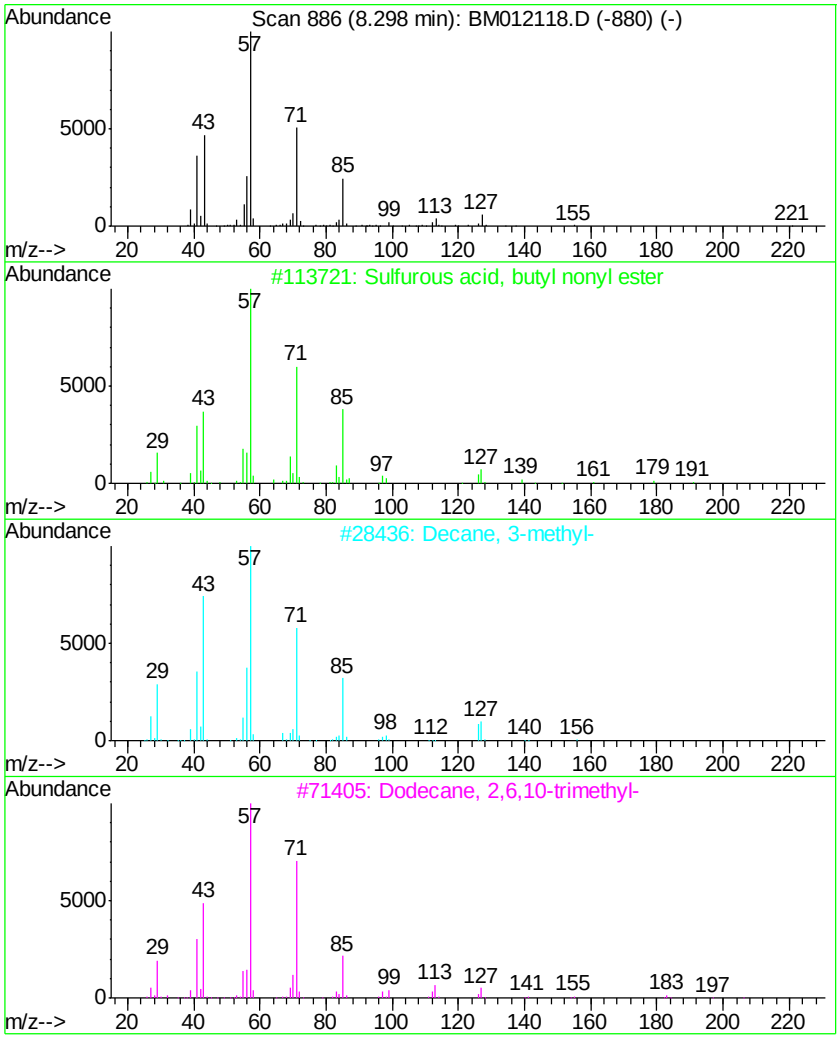
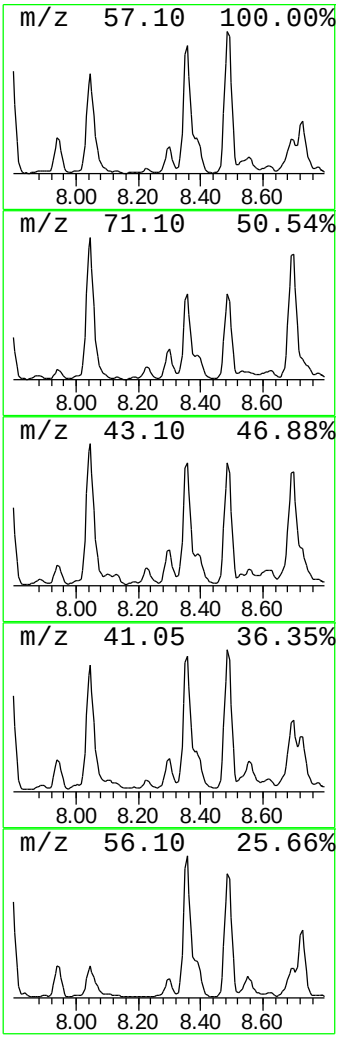
Peak Number 10 Sulfurous acid, butyl nonyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	8.60 ng/ul	846153	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
2	Decane, 3-methyl-	156	C11H24	013151-34-3	64
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64





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Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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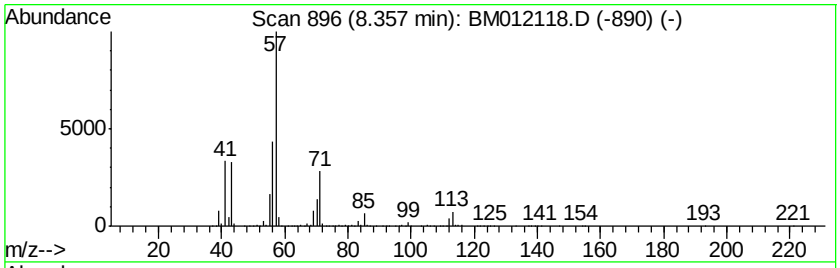
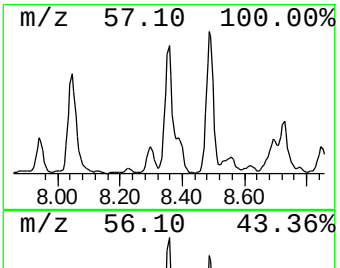
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	50.55 ng/ul	4975060	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
4	Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	56
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53





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Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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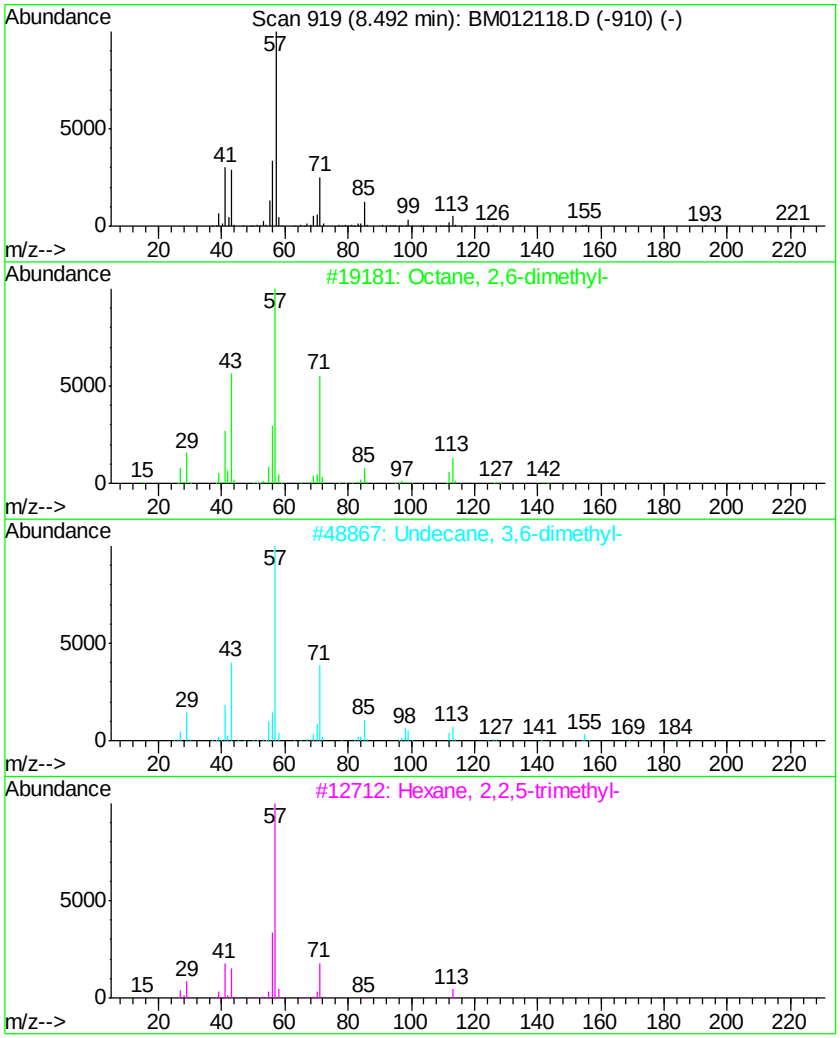
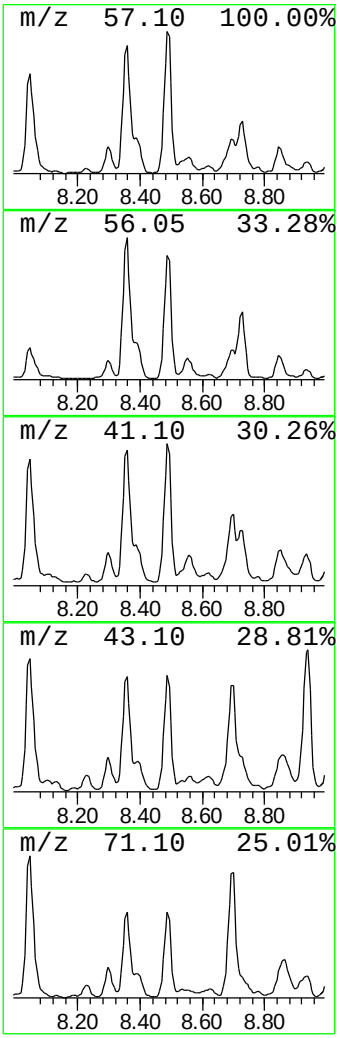
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	39.87 ng/ul	3923370	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	53





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Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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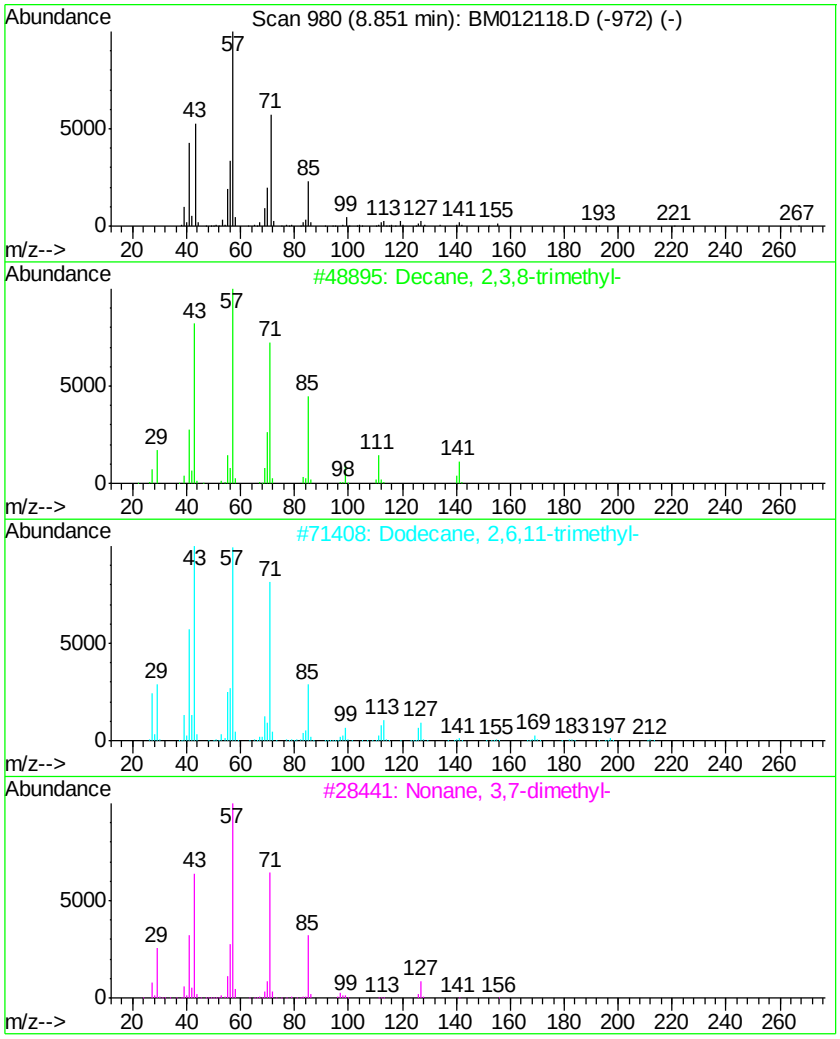
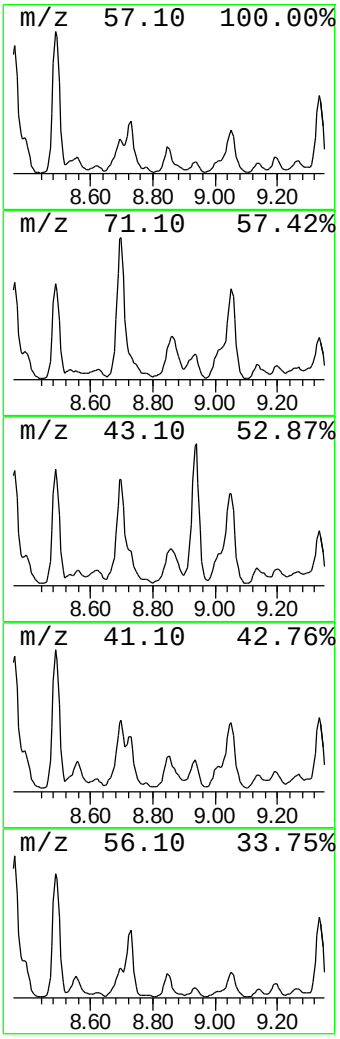
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	14.72 ng/ul	1448830	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	59
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	50
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	50





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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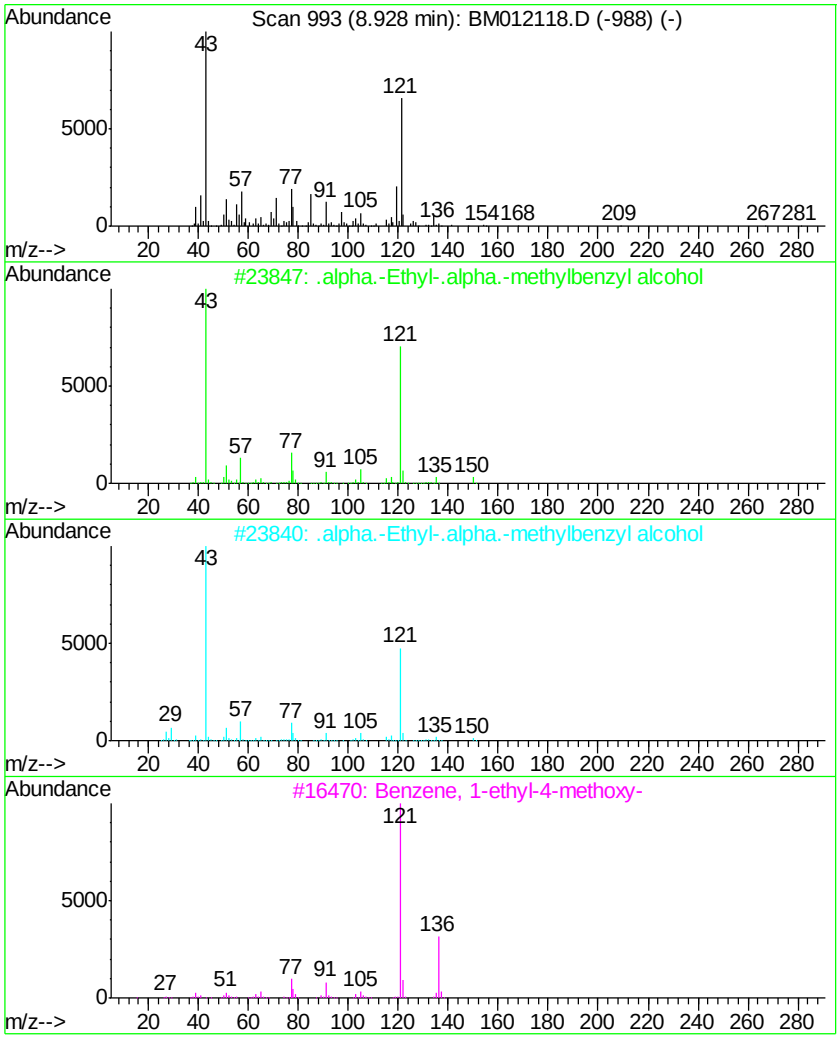
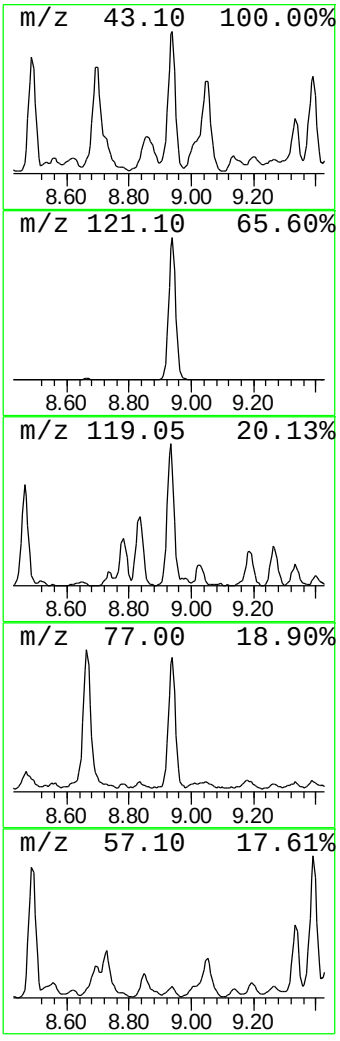
Peak Number 14 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	22.39 ng/ul	2203770	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Ethyl-.alpha.-methylbenz...	150	C10H14O	001565-75-9	47
2	.alpha.-Ethyl-.alpha.-methylbenz...	150	C10H14O	001565-75-9	47
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	46
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	43
5	dl-2-Phenyl-1,2-propanediol	152	C9H12O2	004217-66-7	43





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Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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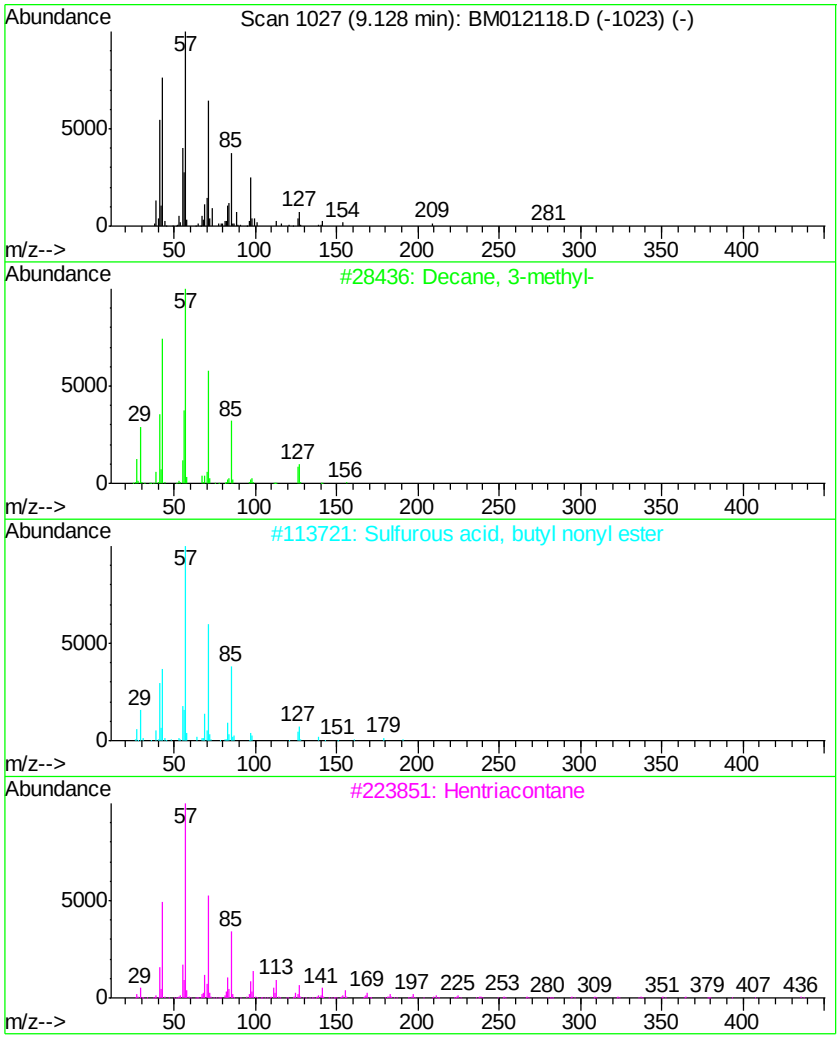
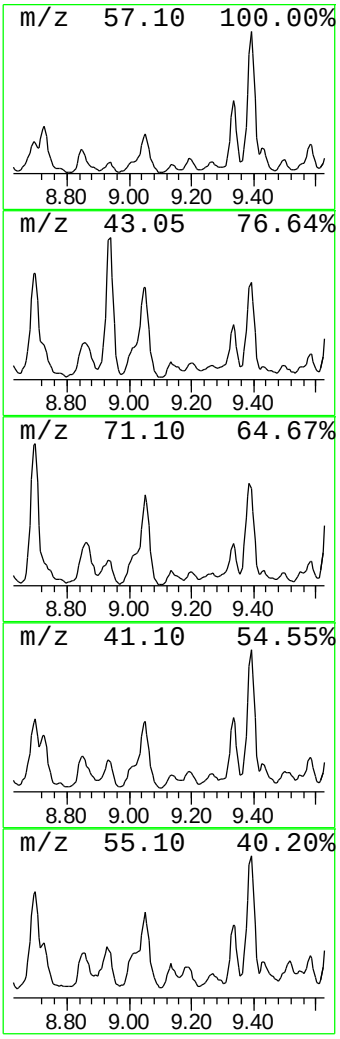
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	5.89 ng/ul	579570	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	64
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
3	Hentriacontane	437	C31H64	000630-04-6	53
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	50





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Sample : I5490-06
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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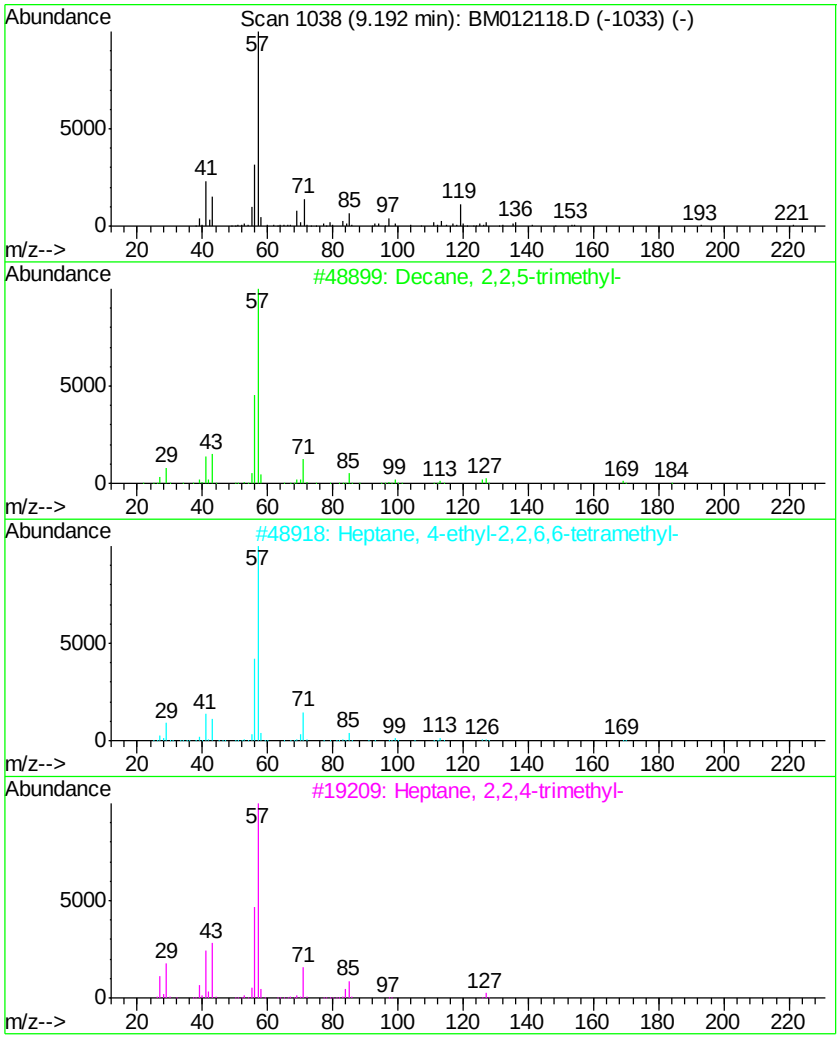
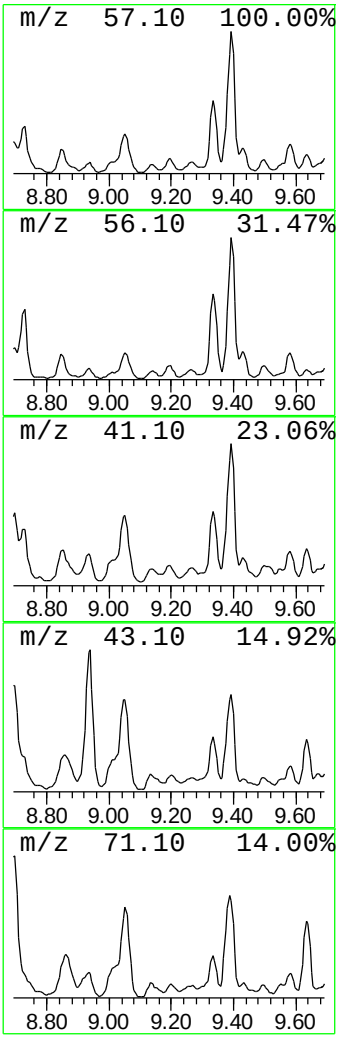
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	5.41 ng/ul	532554	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	53
2	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	50
3	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	50
4	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	50
5	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	47





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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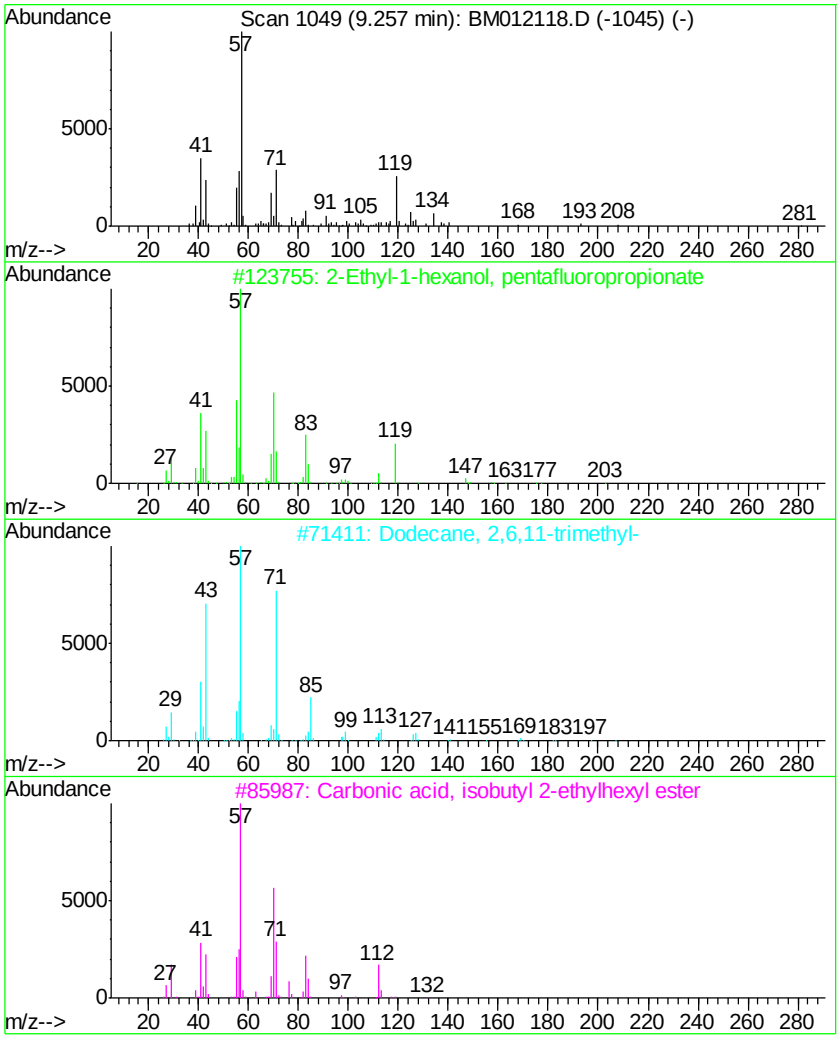
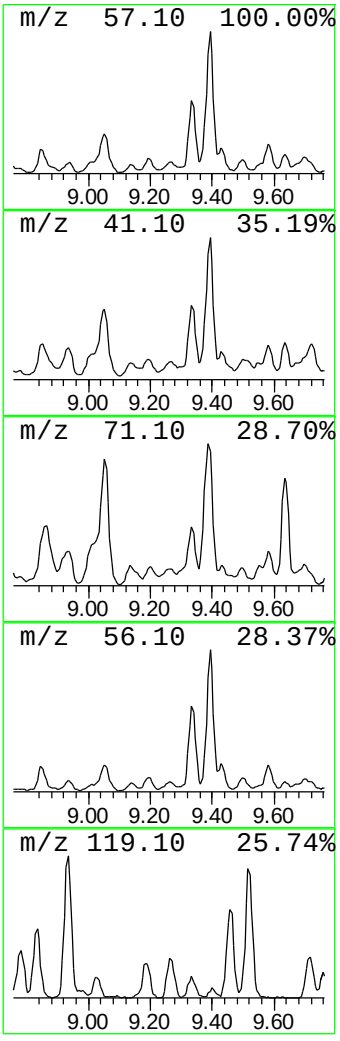
Peak Number 17 2-Ethyl-1-hexanol, pentaflu... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	2.00 ng/ul	344808	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	1000365-51-1	72
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
3	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	38
4	2-Ethyl-1-hexanol, heptafluorobu...	326	C12H17F7O2	1000365-16-0	28
5	1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	27





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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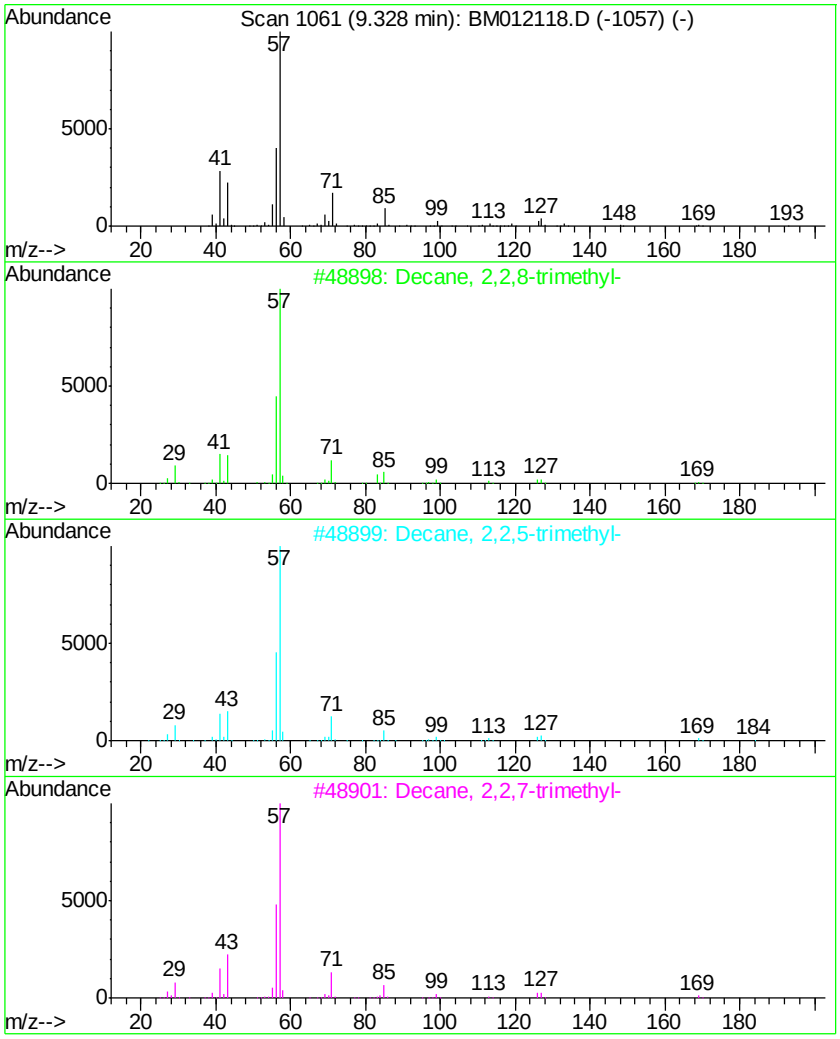
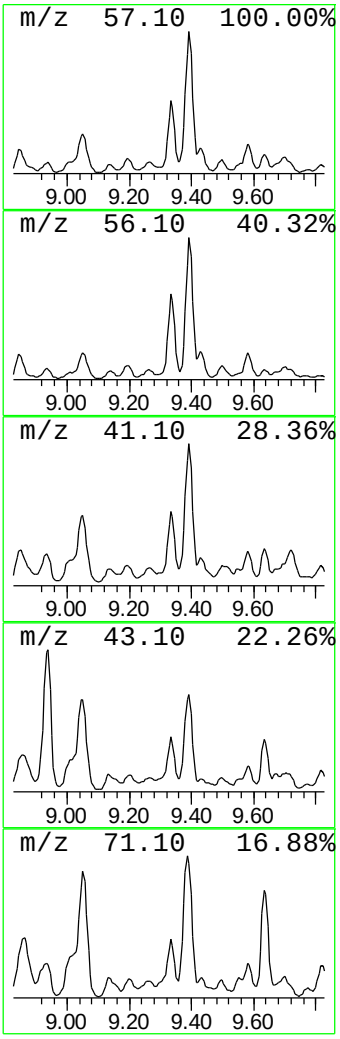
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	9.12 ng/ul	1569940	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	83
2	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	83
3	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	78
4	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	78
5	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	78





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Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-69(1-3)-092717

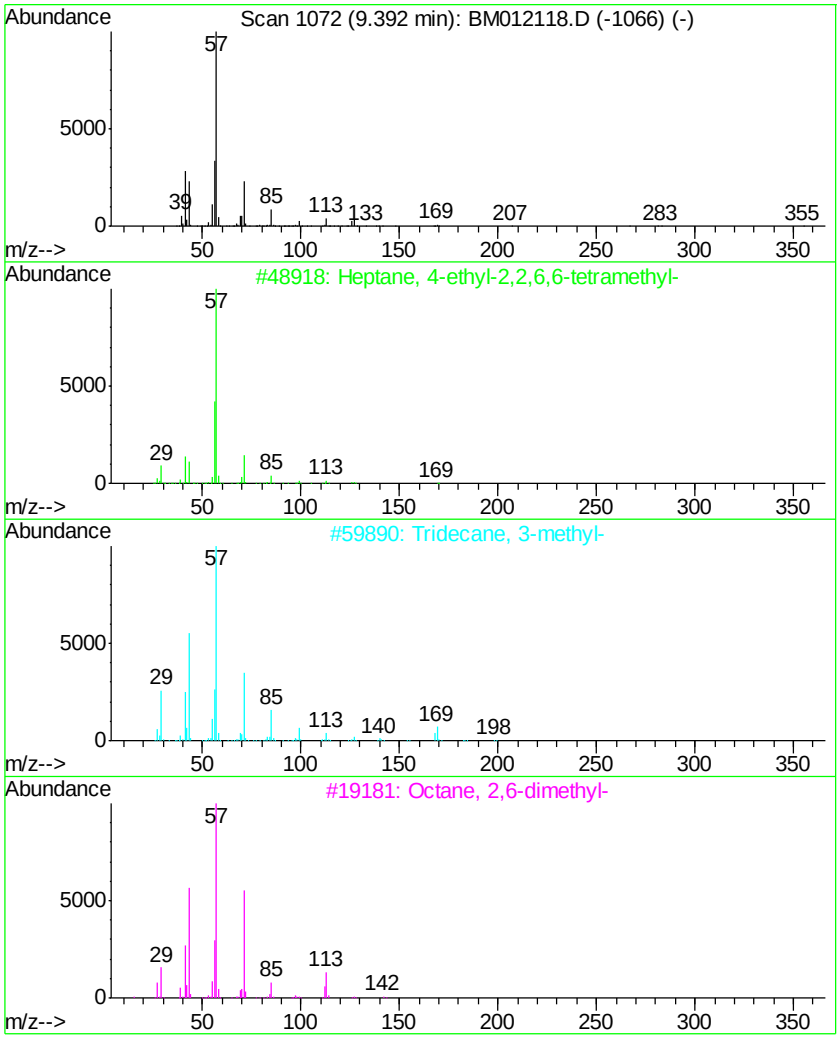
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

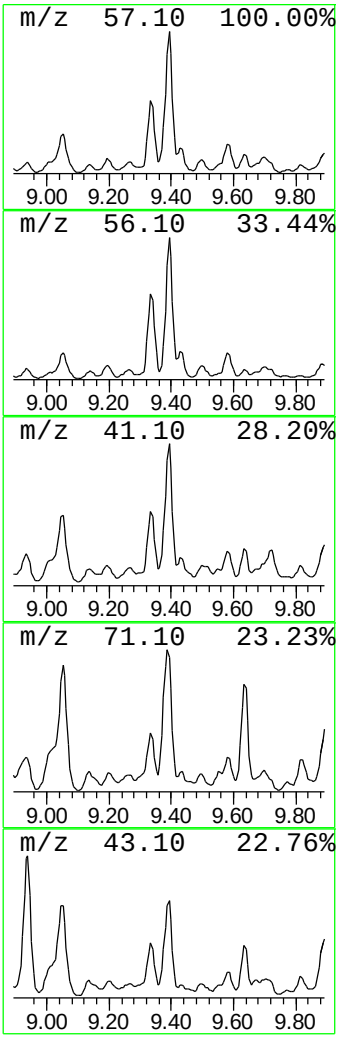
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	20.71 ng/ul	3565930	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	72
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
5	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	64





Library Search Compound Report

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Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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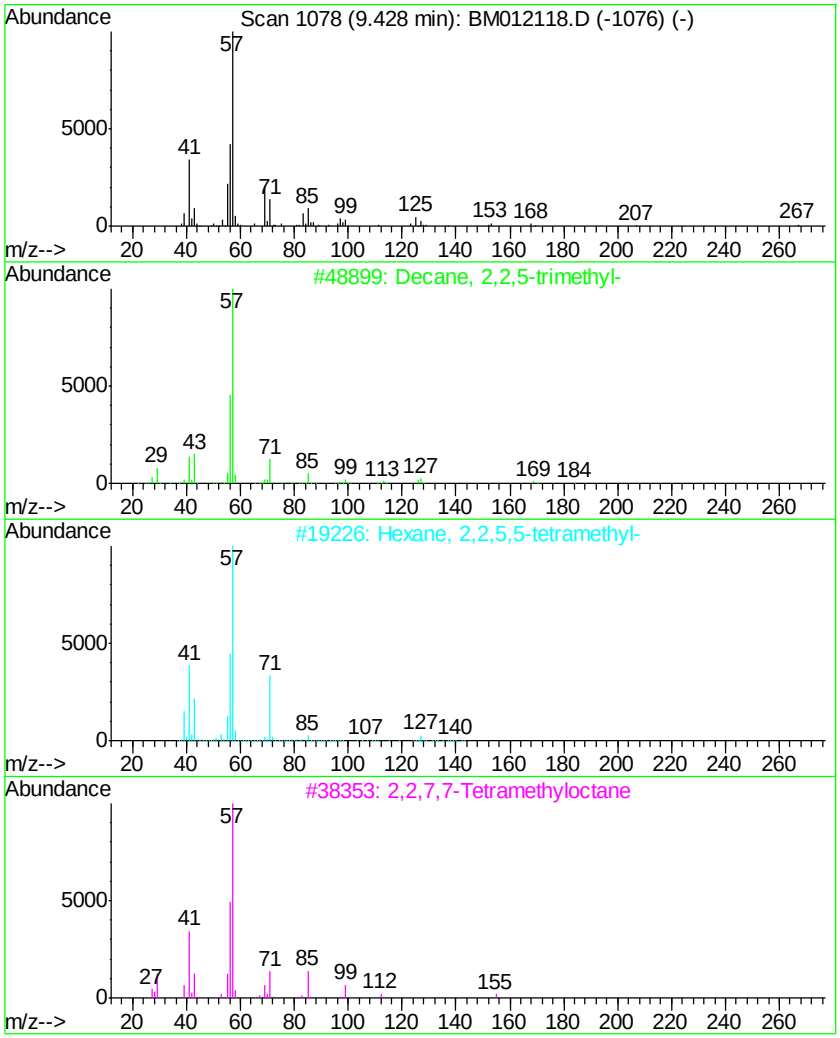
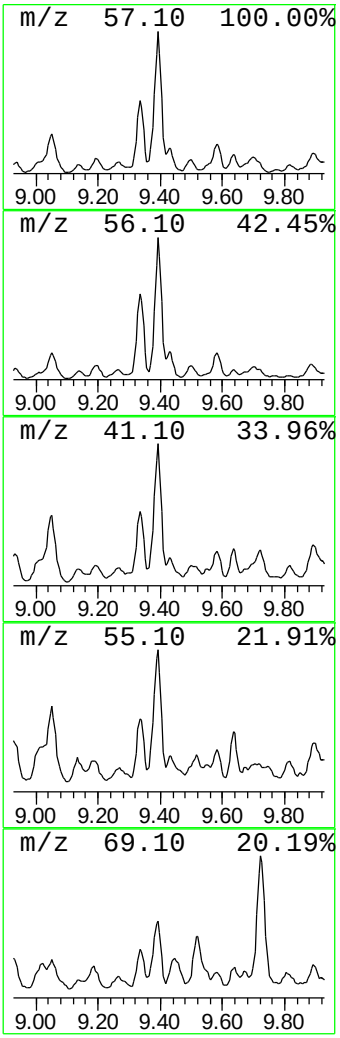
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	3.16 ng/ul	543987	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	53
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
3	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	50
4	Decanal	156	C10H20O	000112-31-2	47
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	45





Library Search Compound Report

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Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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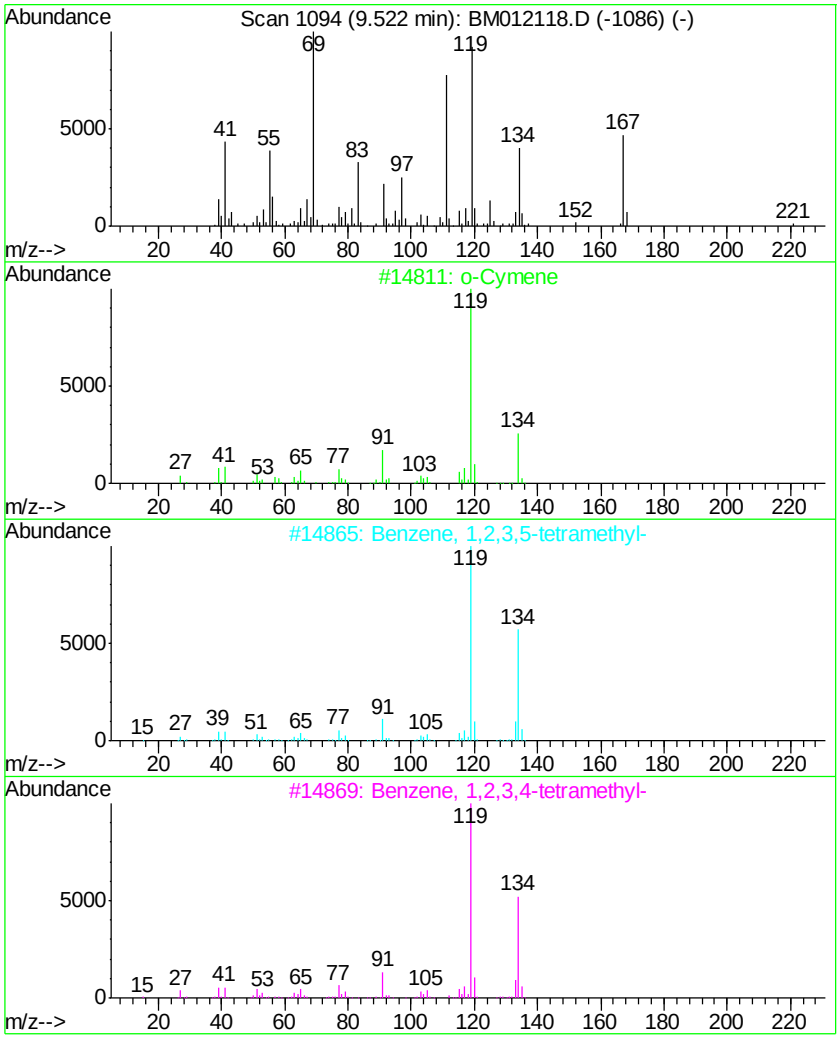
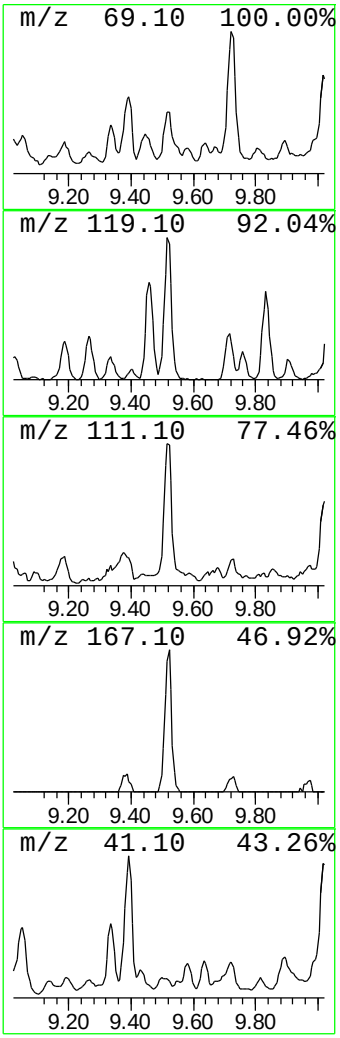
Peak Number 21 o-Cymene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	3.43 ng/ul	590182	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	70
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	38
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
5	p-Cymene	134	C10H14	000099-87-6	38





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Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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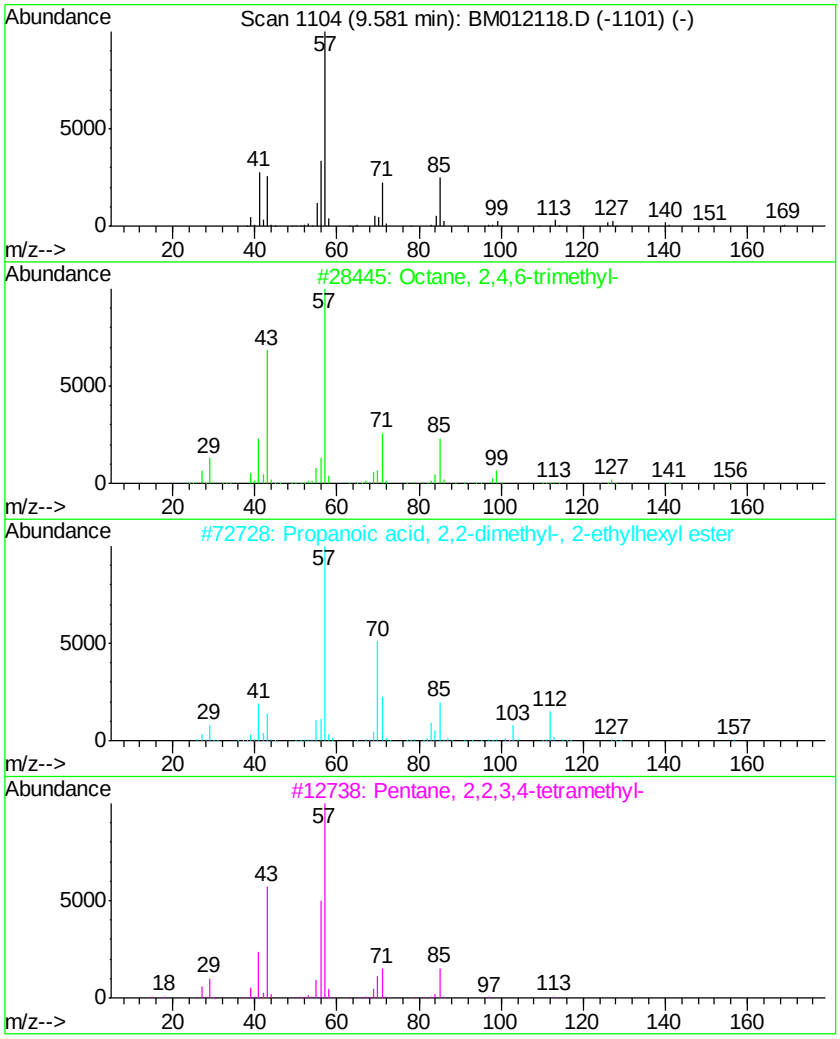
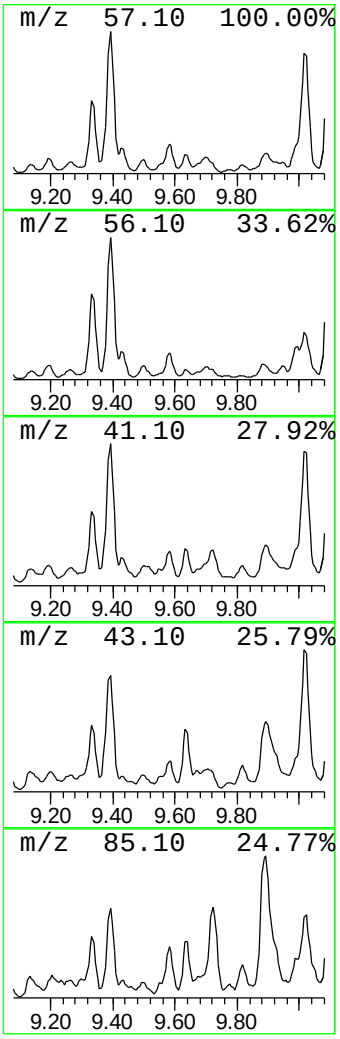
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	3.98 ng/ul	685737	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
2	Propanoic acid, 2,2-dimethyl-, 2...	214	C13H26O2	016387-18-1	64
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
4	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	56
5	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	50





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Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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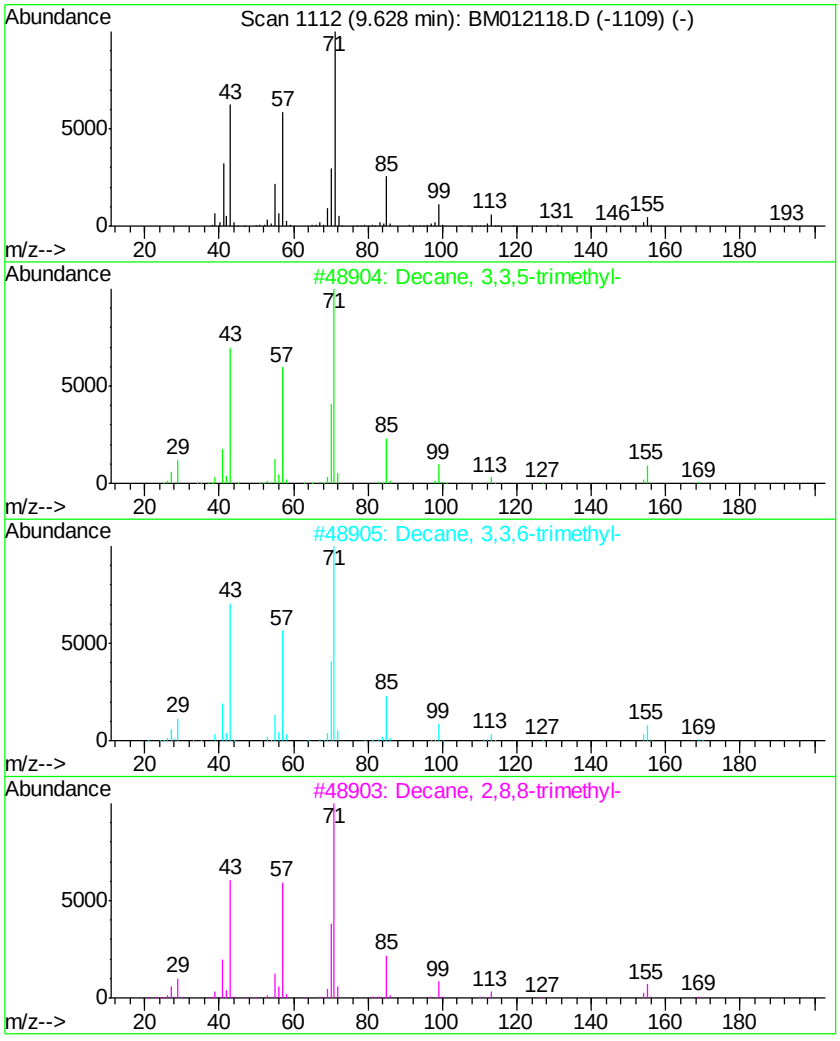
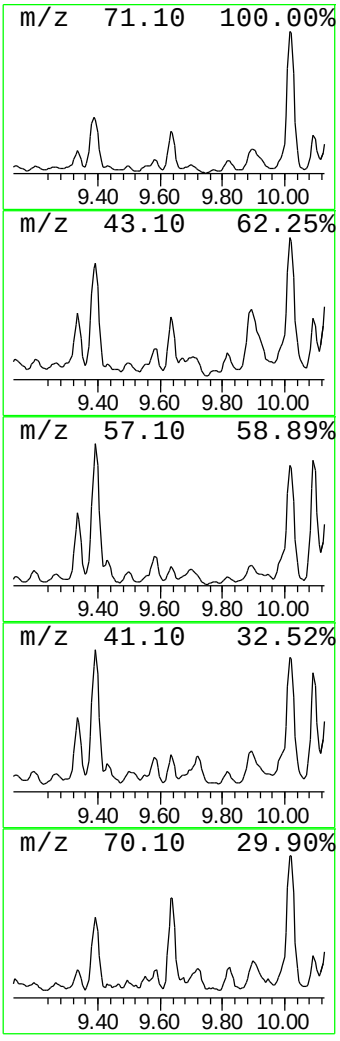
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	5.42 ng/ul	932566	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	90
2	Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	83
3	Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	83
4	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	78
5	Undecane, 4-methyl-	170	C12H26	002980-69-0	72





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Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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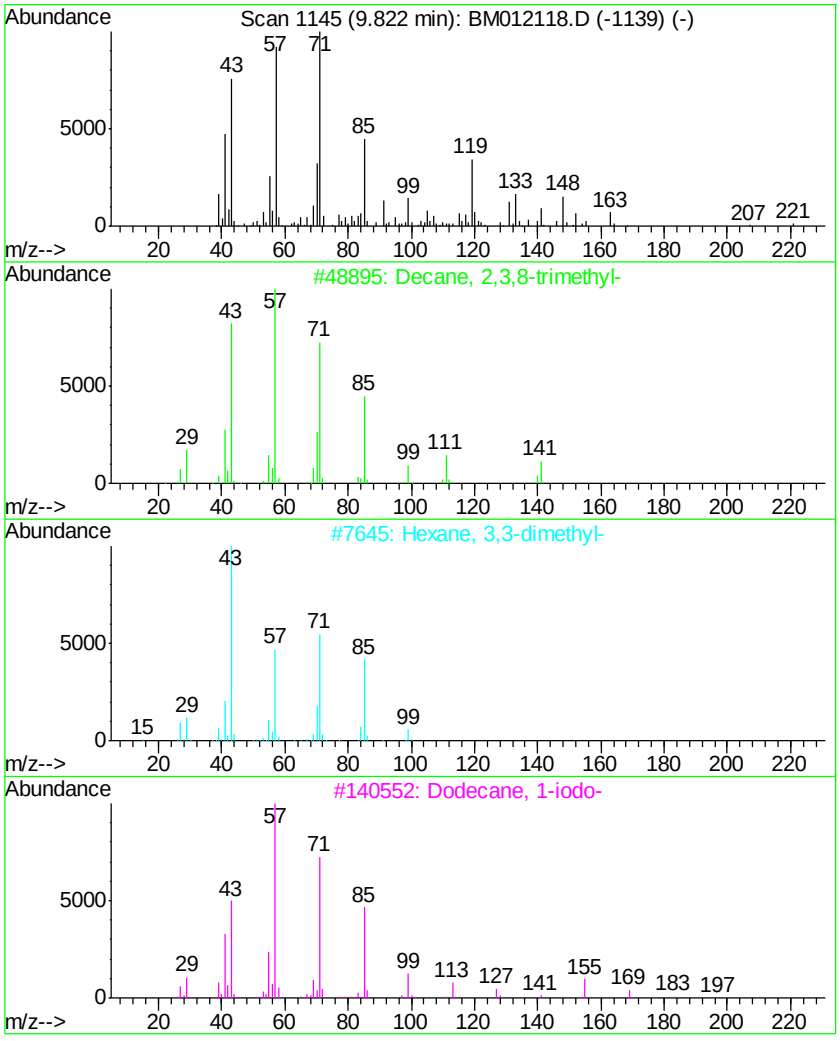
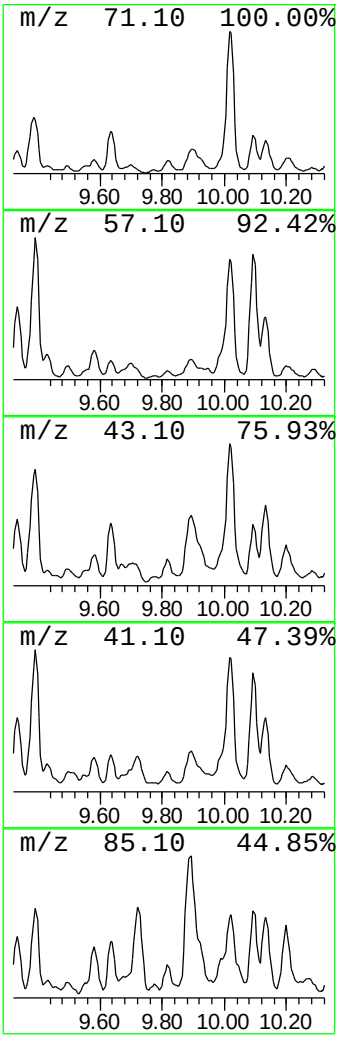
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	3.56 ng/ul	613473	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	58
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50
4	Octane, 3-ethyl-	142	C10H22	005881-17-4	43
5	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	38





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Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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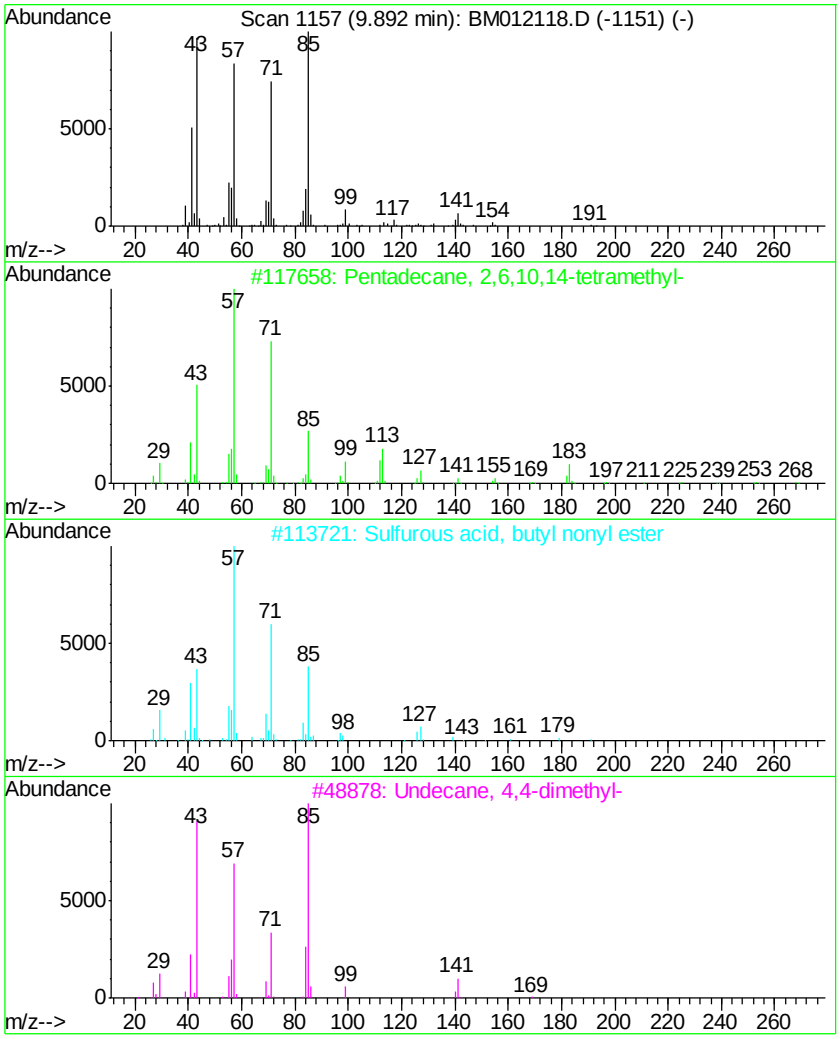
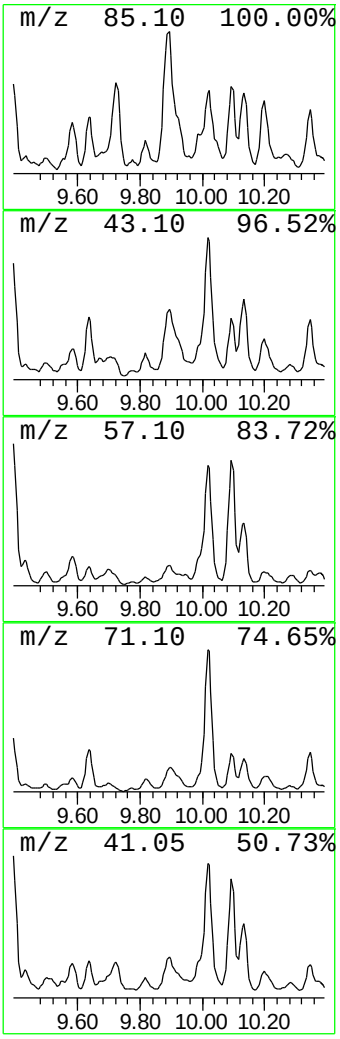
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	9.94 ng/ul	1711510	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	50
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50
3	Undecane, 4,4-dimethyl-	184	C13H28	017312-68-4	47
4	Oxalic acid, octyl propyl ester	244	C13H24O4	1000309-26-1	47
5	Tetrahydropyran 12-tetradecyn-1-...	294	C19H34O2	096249-40-0	43





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Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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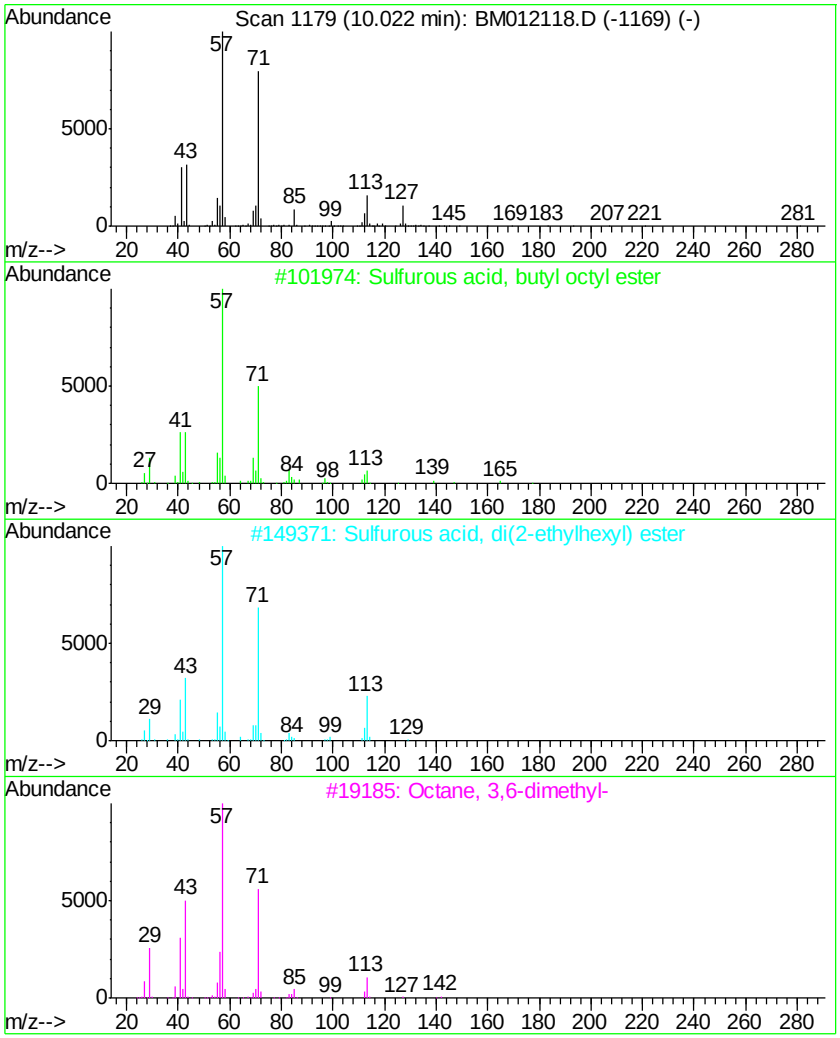
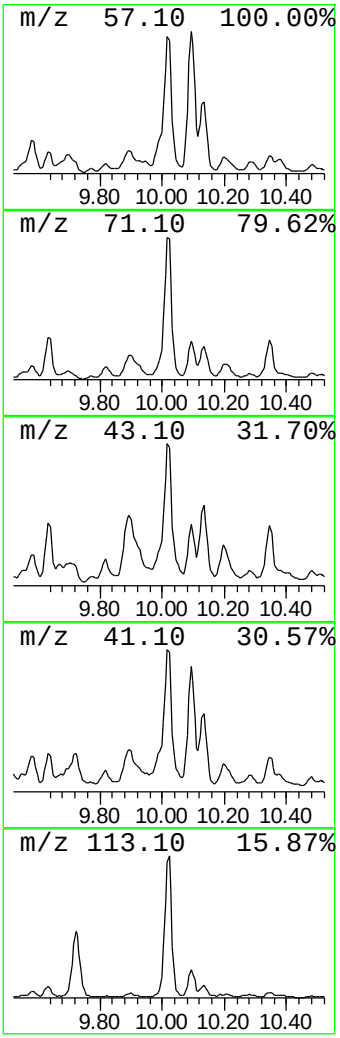
Peak Number 26 Sulfurous acid, butyl octyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	30.49 ng/ul	5250810	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	78
2	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	78
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	72





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Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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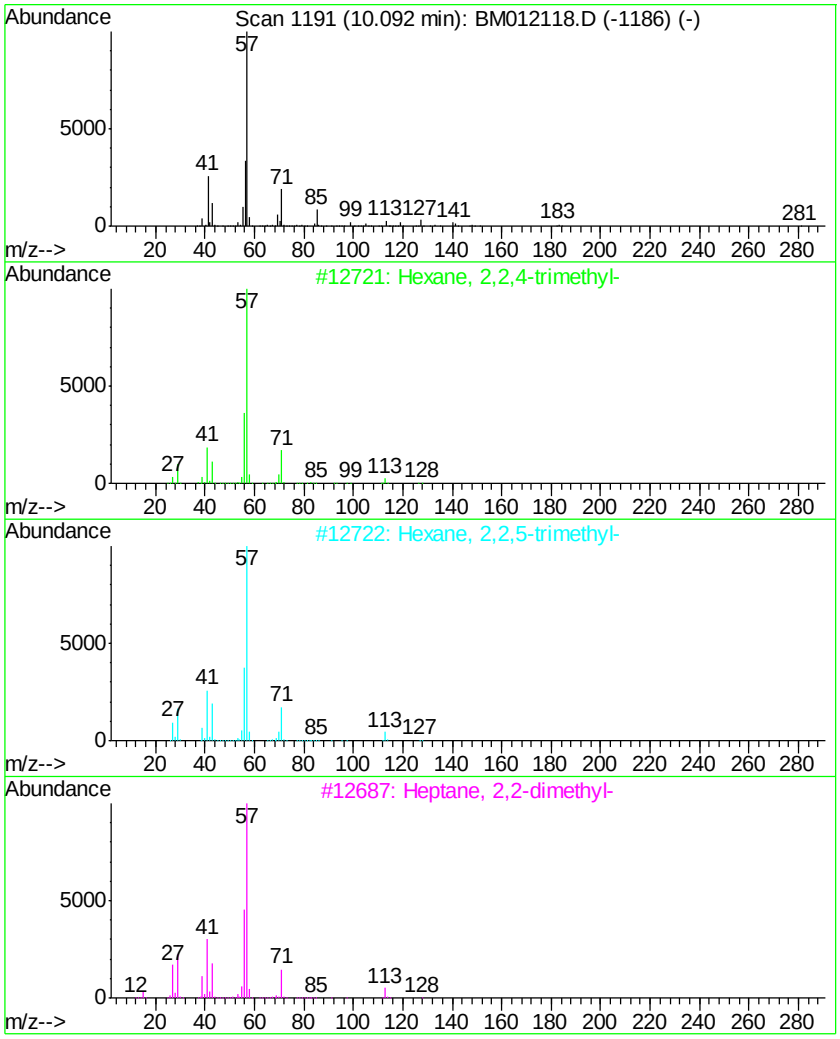
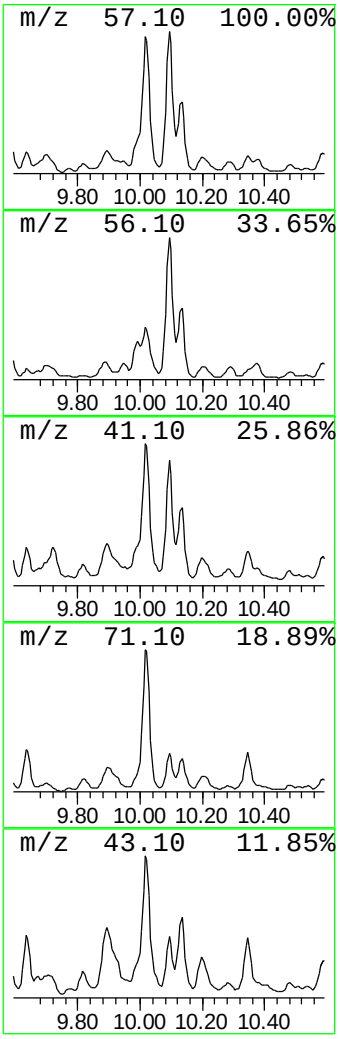
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	17.59 ng/ul	3029550	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	56





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Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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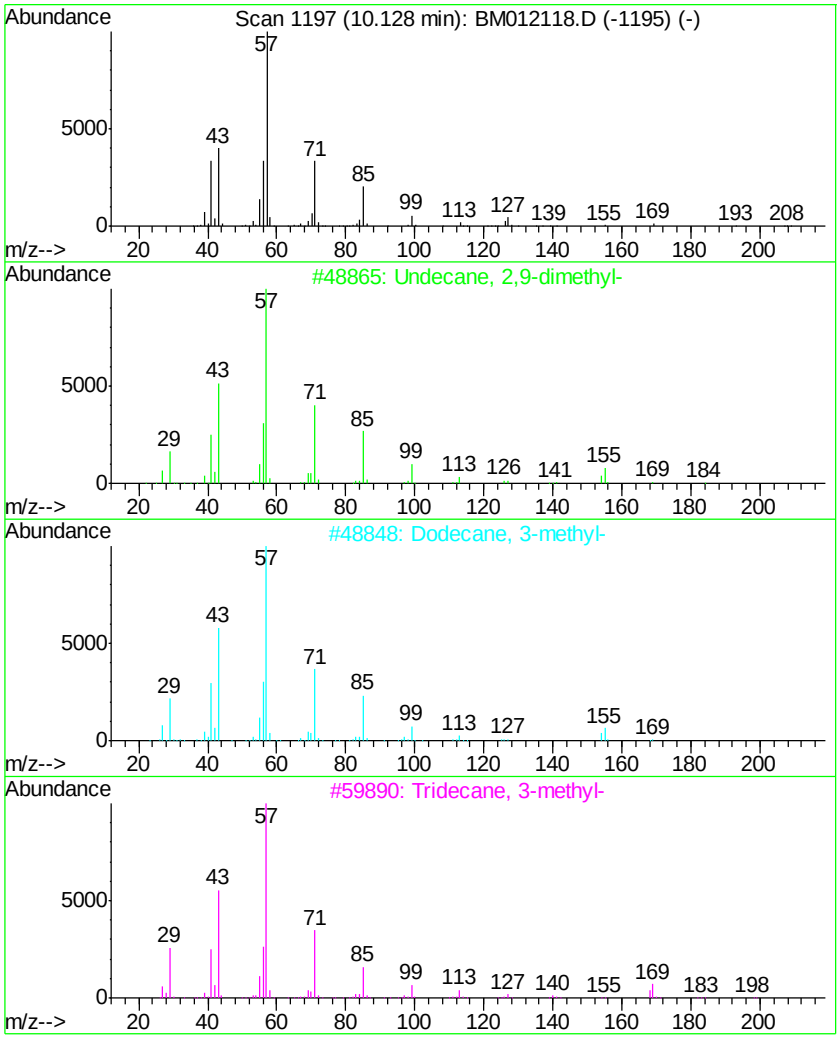
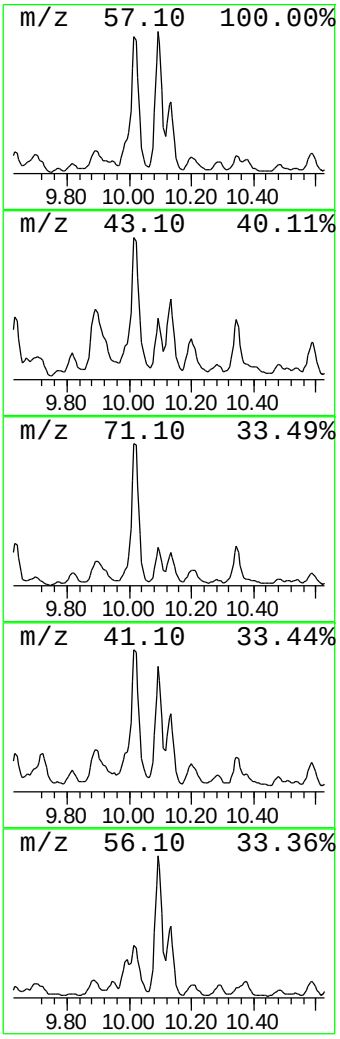
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	9.59 ng/ul	1651440	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	78
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	78
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	78
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	78
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	78





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Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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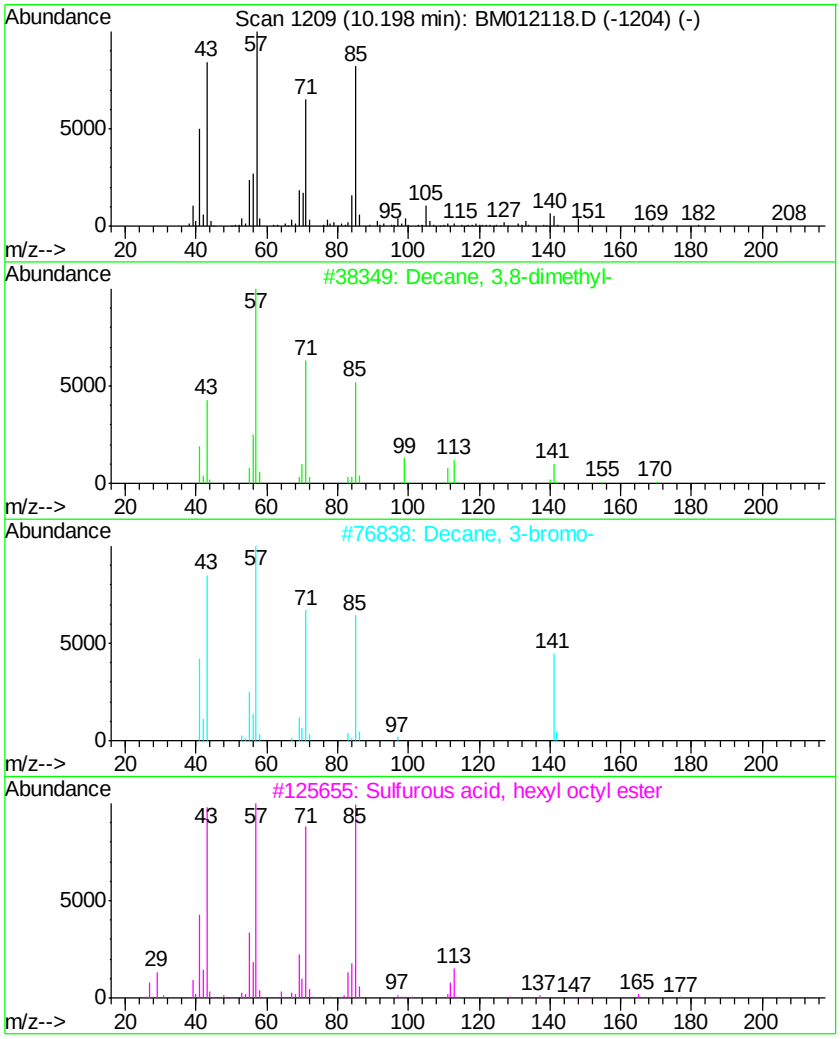
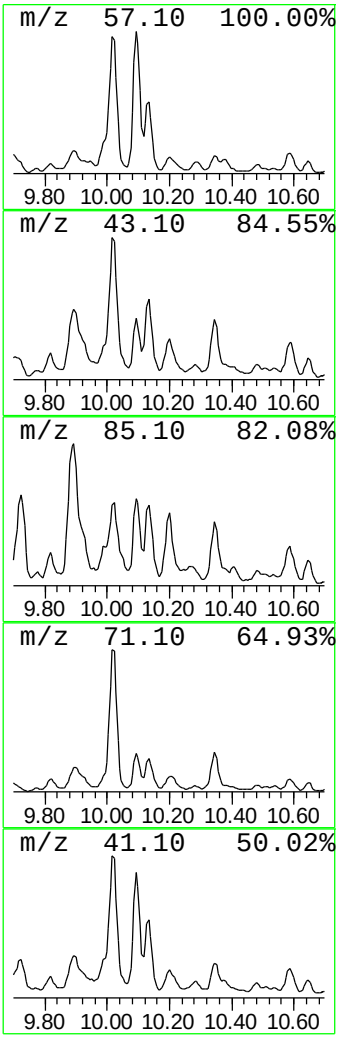
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	4.84 ng/ul	833522	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
2	Decane, 3-bromo-	220	C10H21Br	030571-71-2	59
3	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	59
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
5	3,3-Dimethylbutan-2-yl isobutyl ...	202	C11H22O3	1000372-76-5	47





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Data File : BM012118.D
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Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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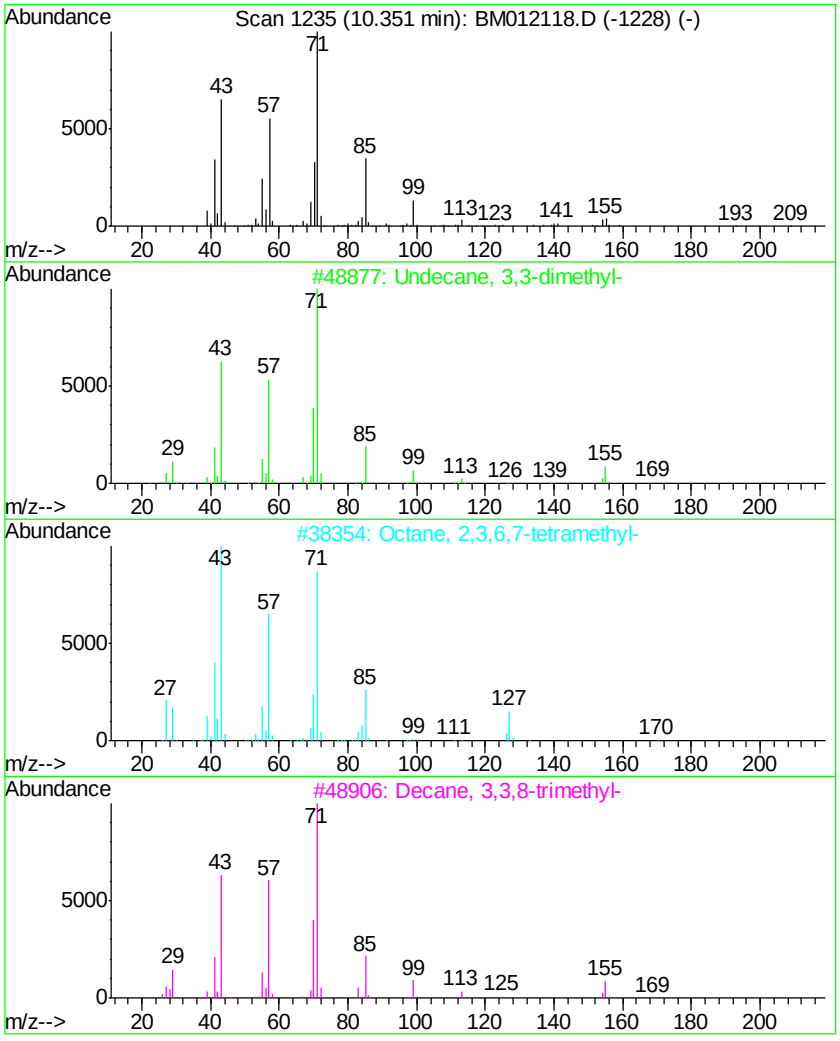
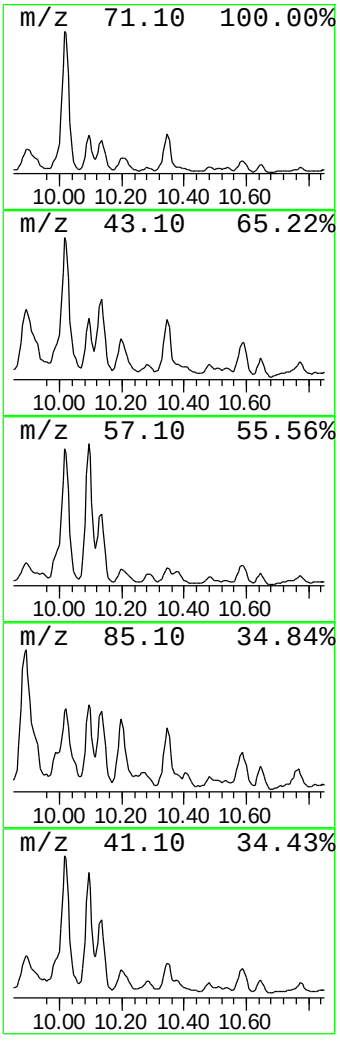
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	6.54 ng/ul	1126240	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	64
2	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	64
3	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	64
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
5	Octane, 2,6,6-trimethyl-	156	C11H24	054166-32-4	59





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Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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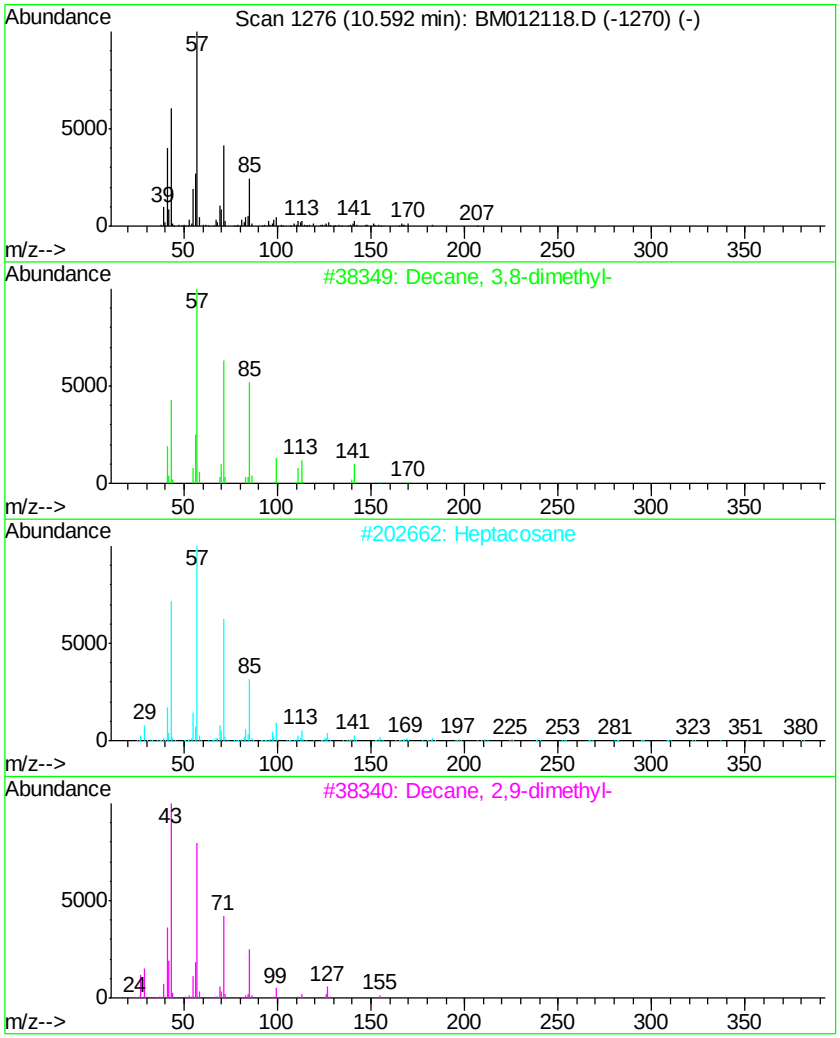
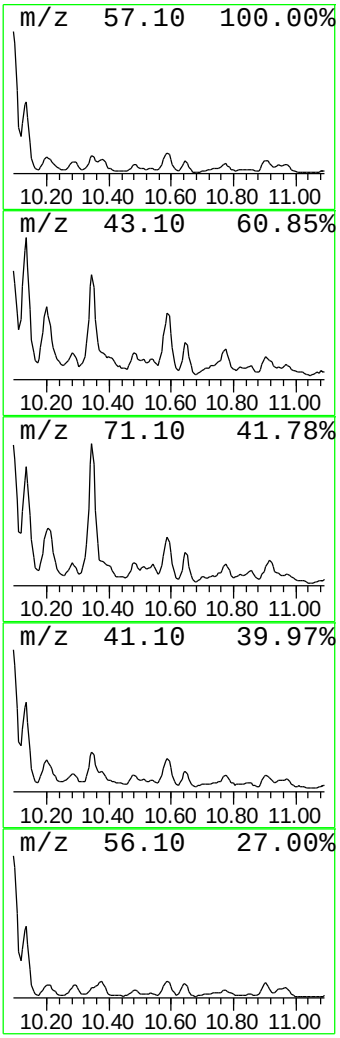
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	4.00 ng/ul	689555	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
2	Heptacosane	380	C27H56	000593-49-7	59
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	59
5	Hexadecane	226	C16H34	000544-76-3	58





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Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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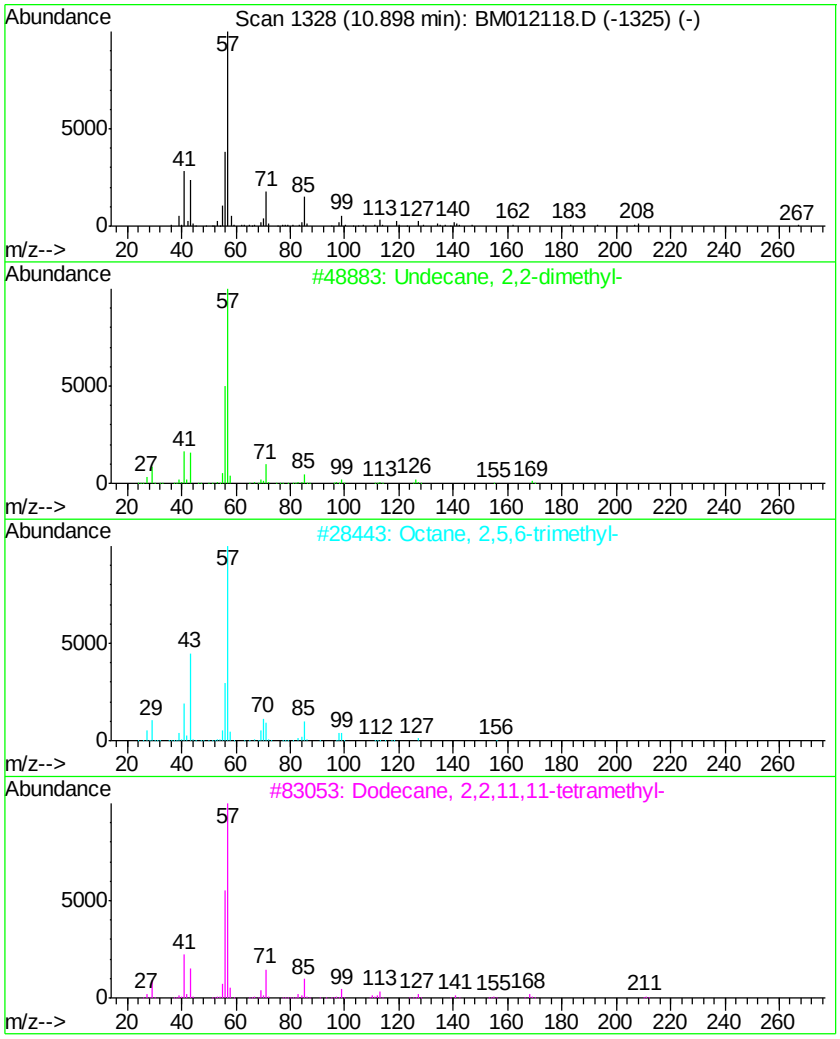
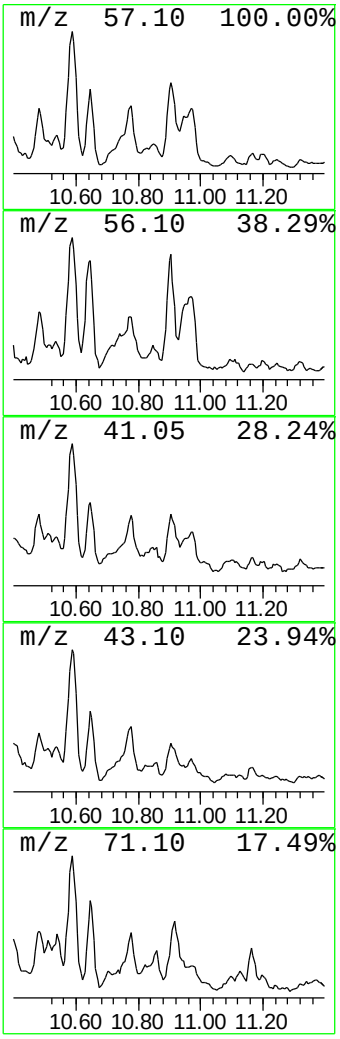
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.03 ng/ul	349349	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	59
2	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59
3	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	53
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	47





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Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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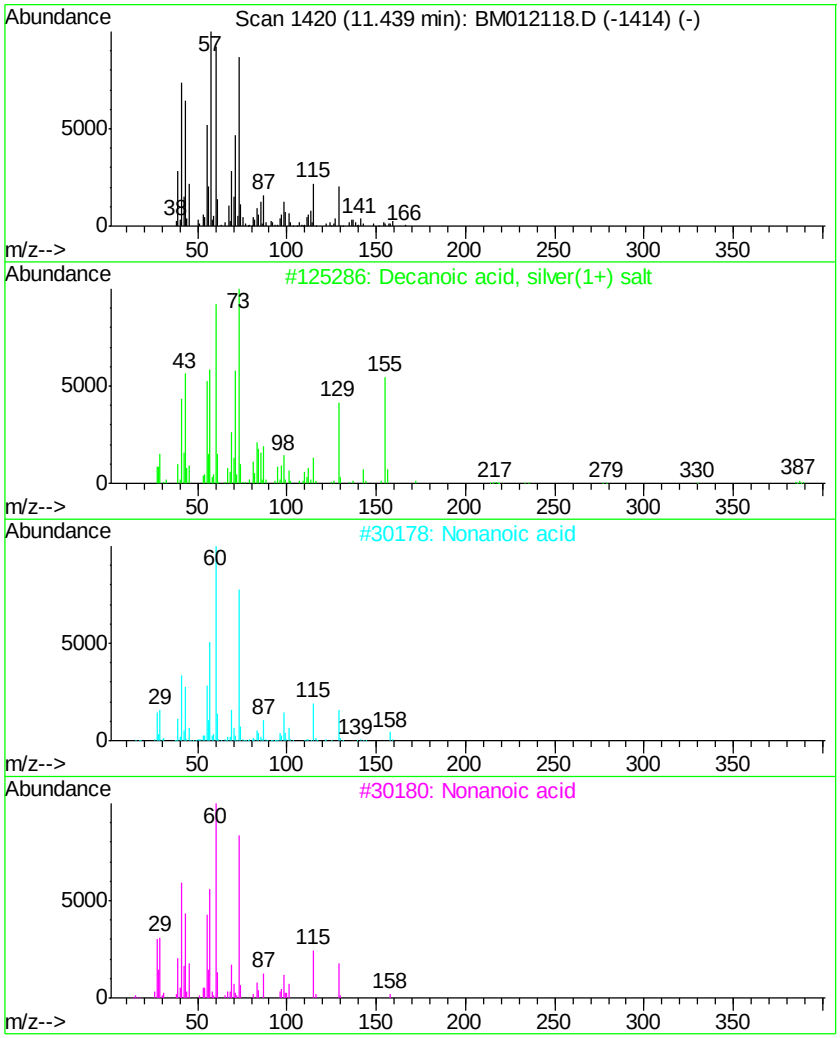
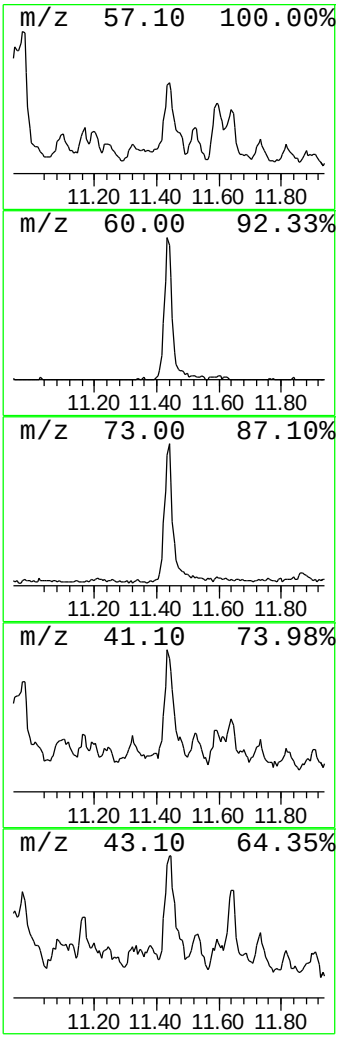
Peak Number 33 Decanoic acid, silver(1+) salt Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	2.64 ng/ul	454811	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	64
2	Nonanoic acid	158	C9H18O2	000112-05-0	59
3	Nonanoic acid	158	C9H18O2	000112-05-0	52
4	Isoamyl nitrite	117	C5H11NO2	000110-46-3	47
5	.beta.-D-Glucopyranose, 1,6-anhy...	162	C6H10O5	000498-07-7	38





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Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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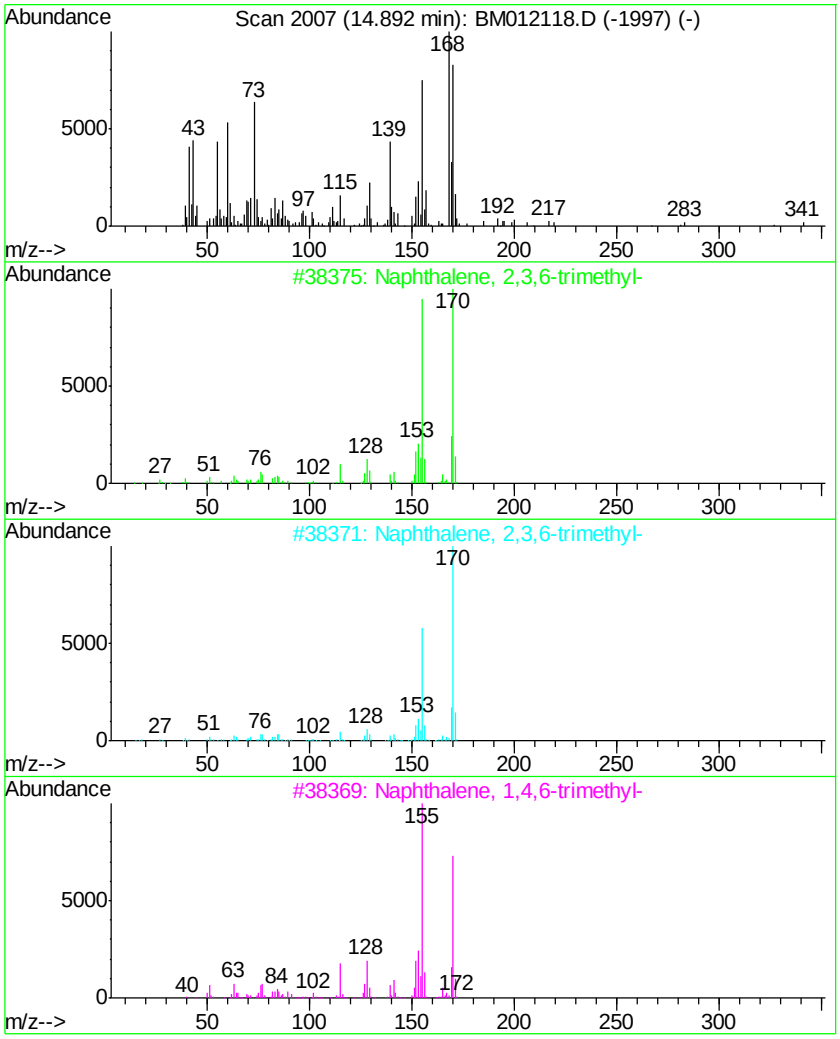
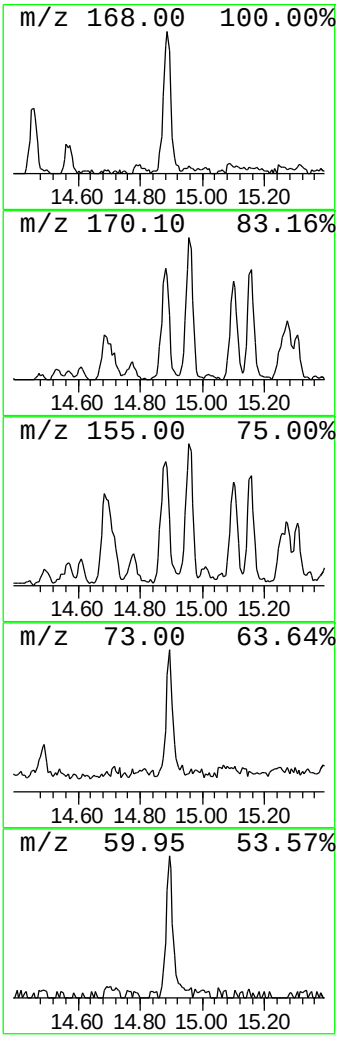
Peak Number 34 Naphthalene, 2,3,6-trimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.21 ng/ul	419194	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	80





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Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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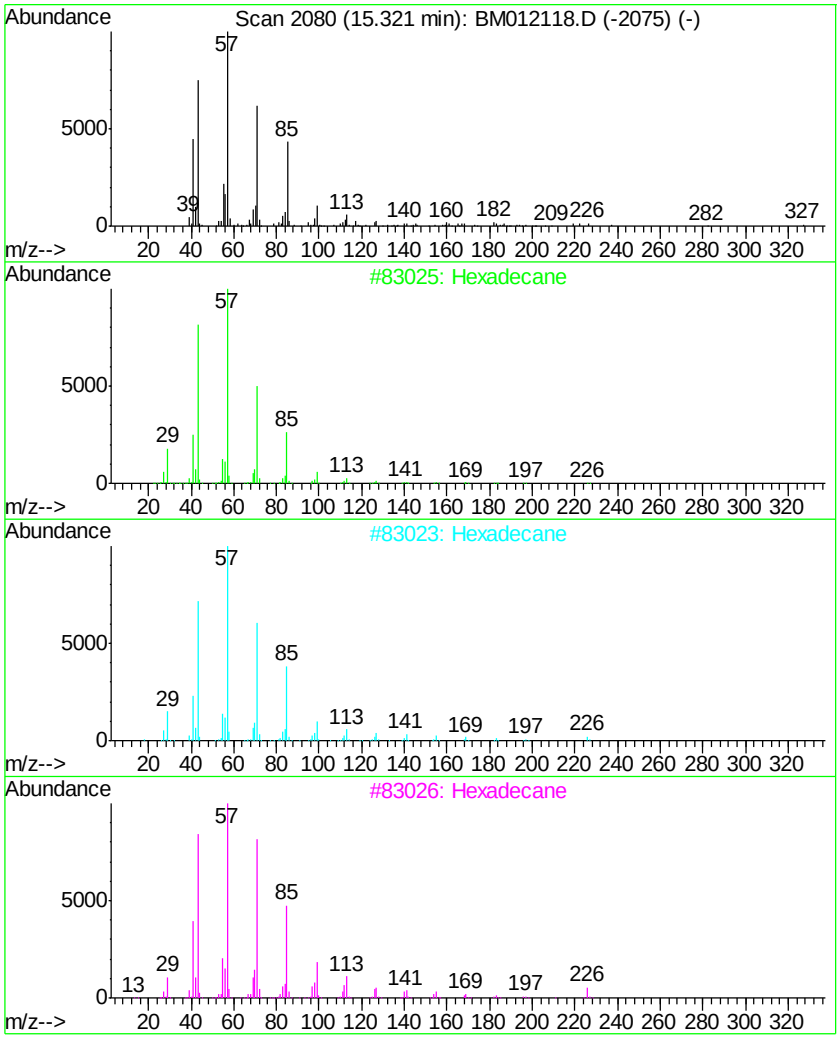
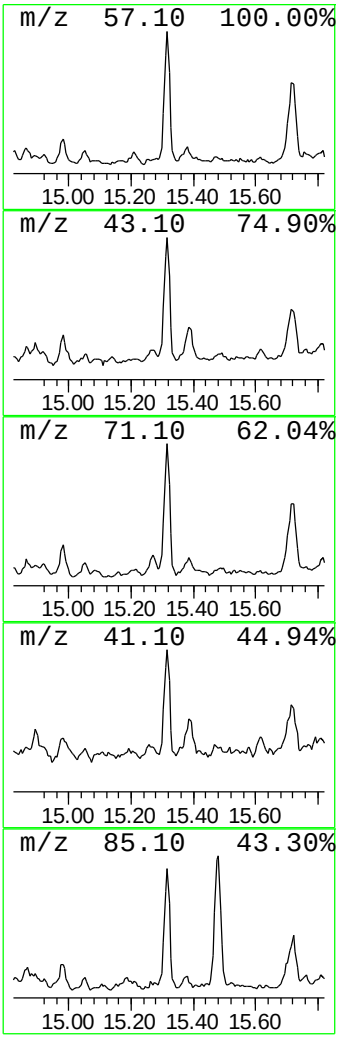
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	2.01 ng/ul	382108	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Hexadecane	226	C16H34	000544-76-3	94
3	Hexadecane	226	C16H34	000544-76-3	93
4	Nonadecane	268	C19H40	000629-92-5	90
5	Tetradecane	198	C14H30	000629-59-4	90





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Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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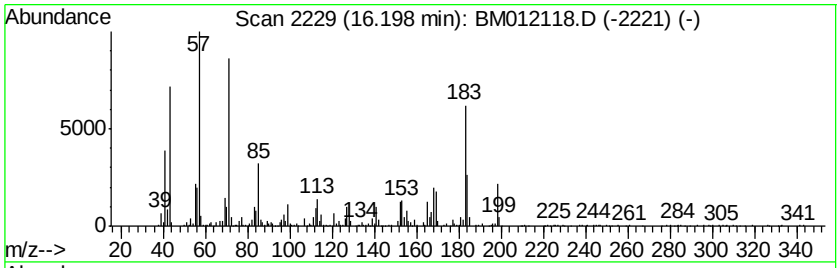
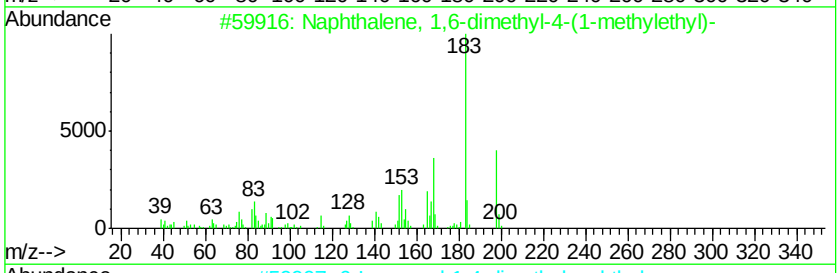
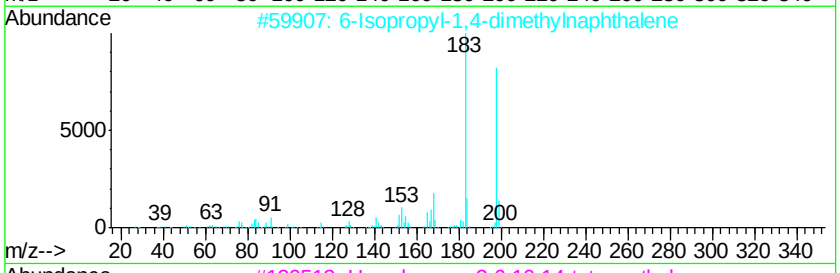
Peak Number 36 Naphthalene, 1,6-dimethyl-4... Concentration Rank 20

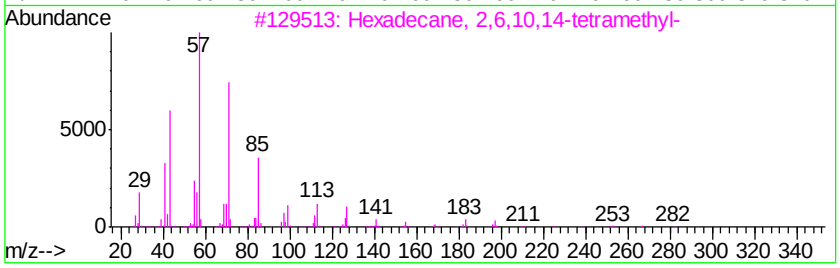
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	7.78 ng/ul	1450610	Phenanthrene-d10	17.23

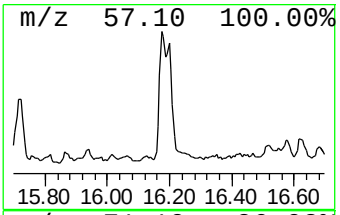
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	96
2	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	94
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	94
4	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	83
5	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	64

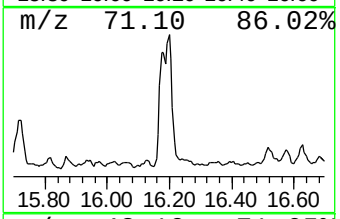


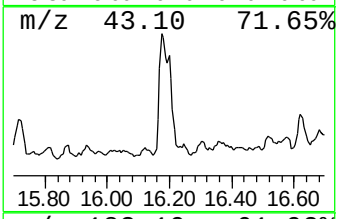


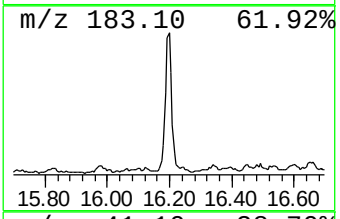


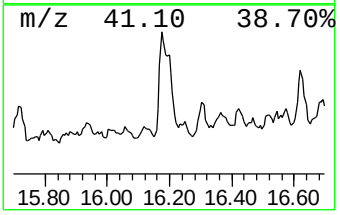












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Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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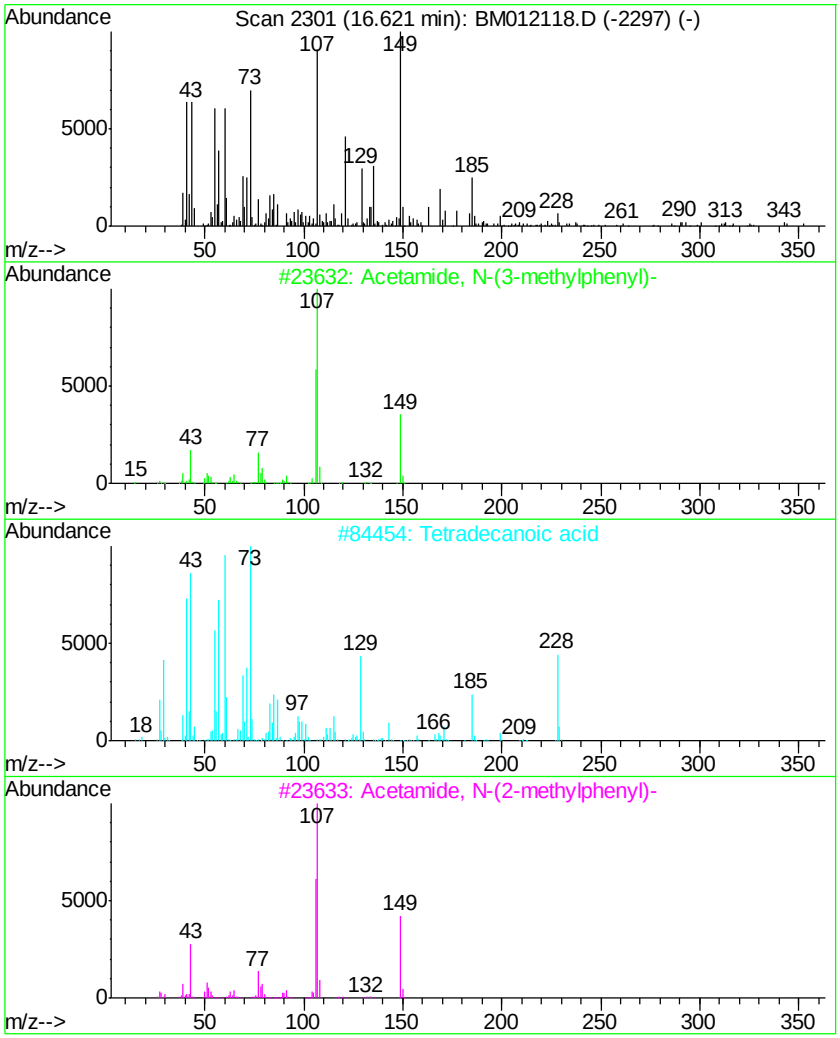
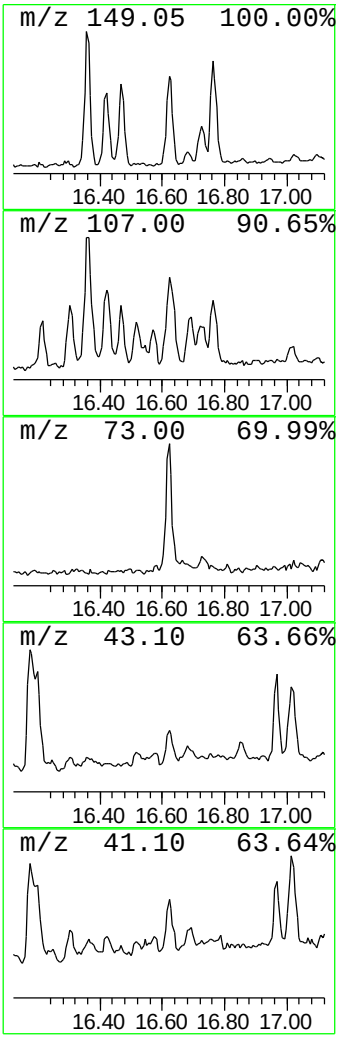
Peak Number 37 unknown-02 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.59 ng/ul	482570	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	41
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	27
4	Undecanoic acid	186	C11H22O2	000112-37-8	25
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	15





Library Search Compound Report

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Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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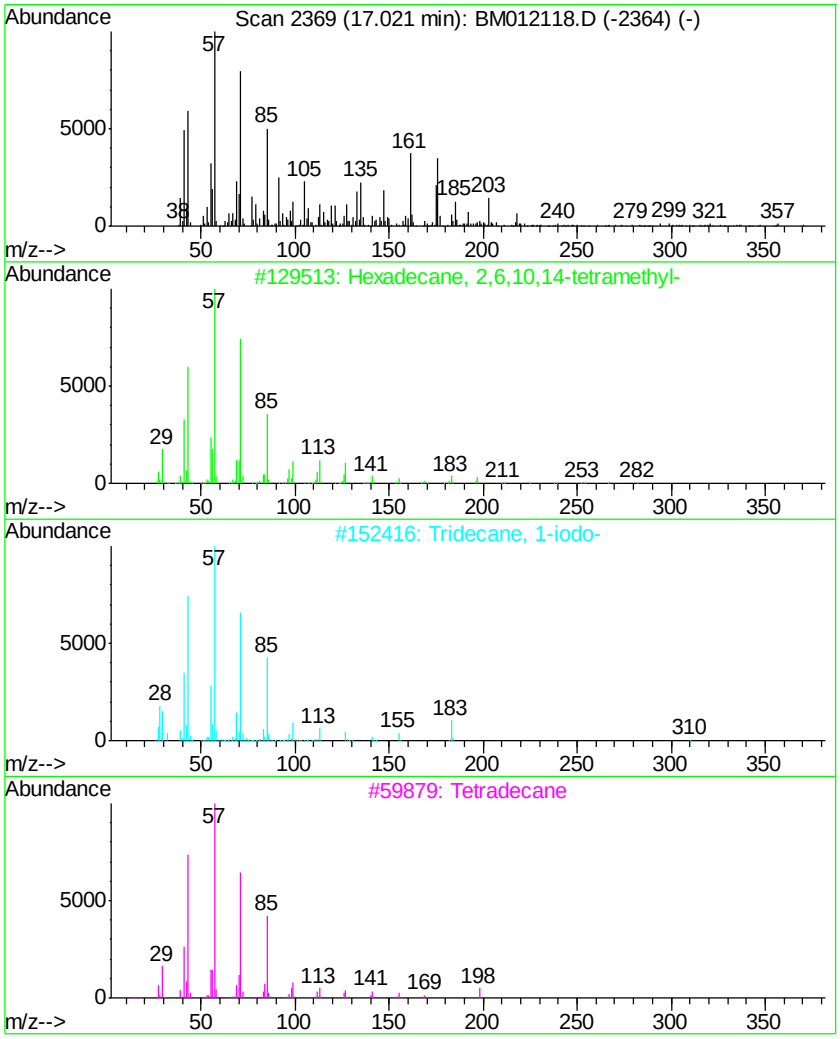
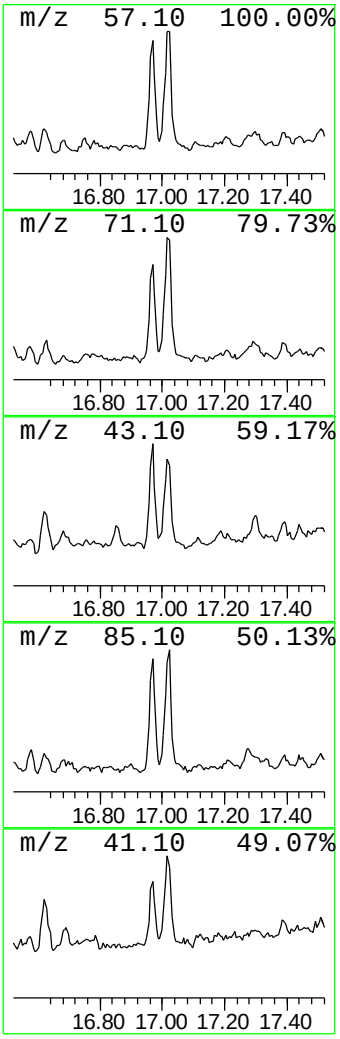
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	4.16 ng/ul	775569	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	46
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	46
3	Tetradecane	198	C14H30	000629-59-4	41
4	Tridecane	184	C13H28	000629-50-5	41
5	Hexadecane	226	C16H34	000544-76-3	38





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Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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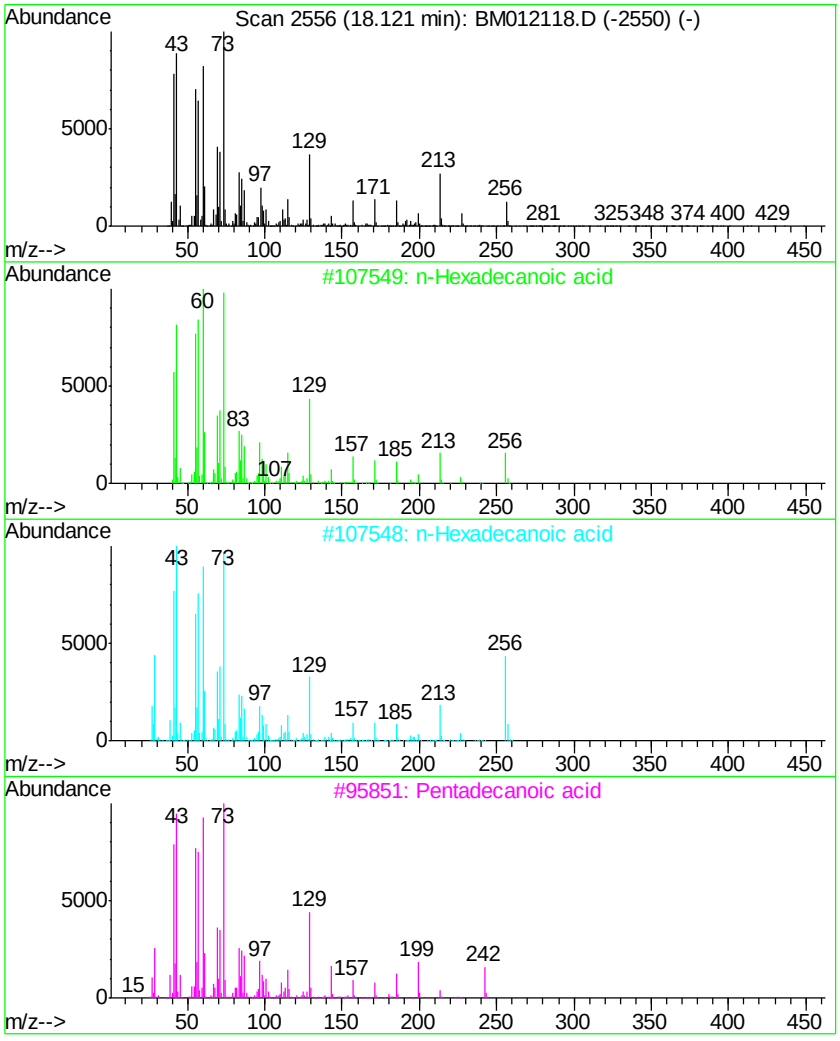
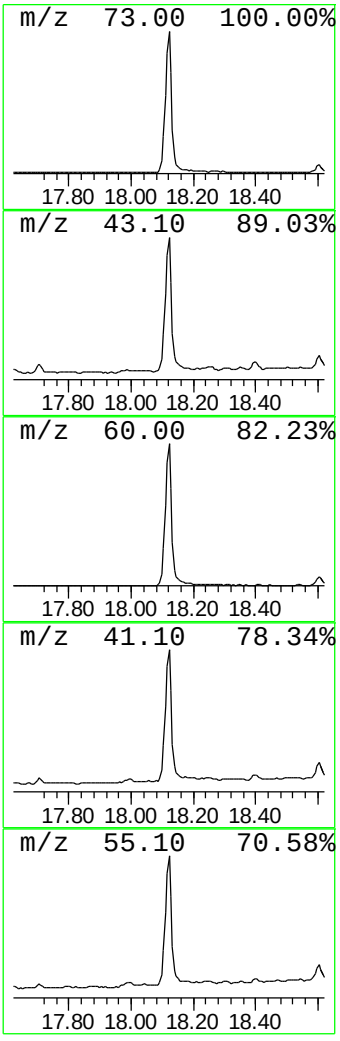
Peak Number 39 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	46.25 ng/ul	8628340	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





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Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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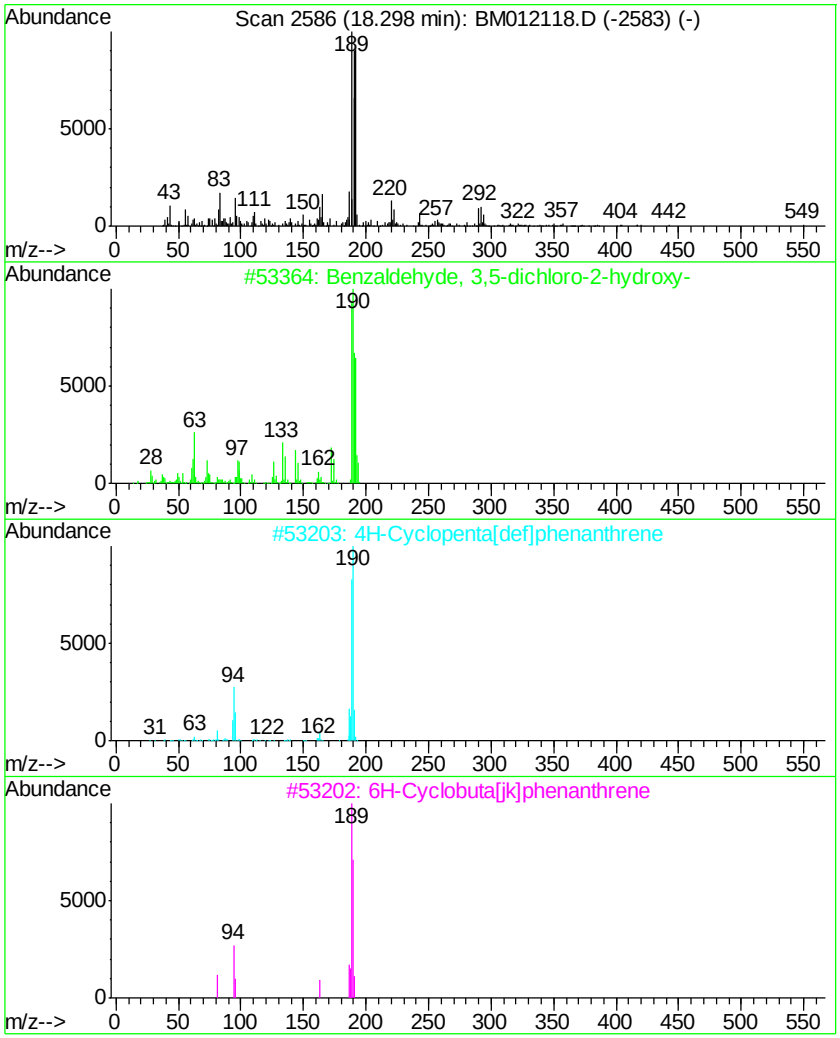
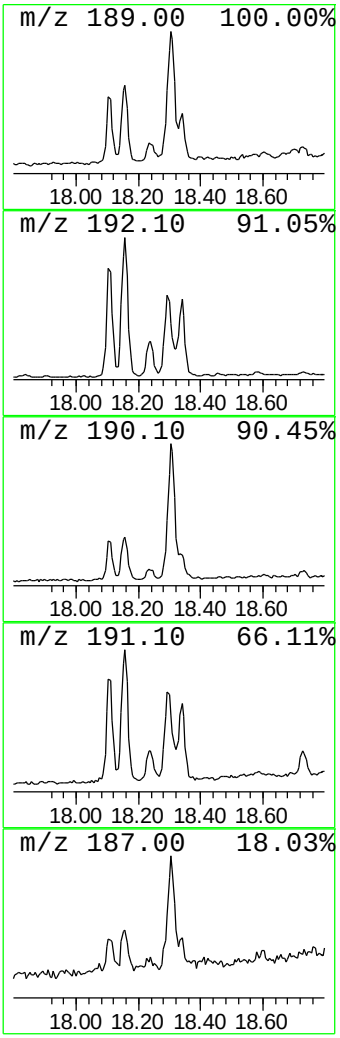
Peak Number 40 Benzaldehyde, 3,5-dichloro-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.76 ng/ul	514865	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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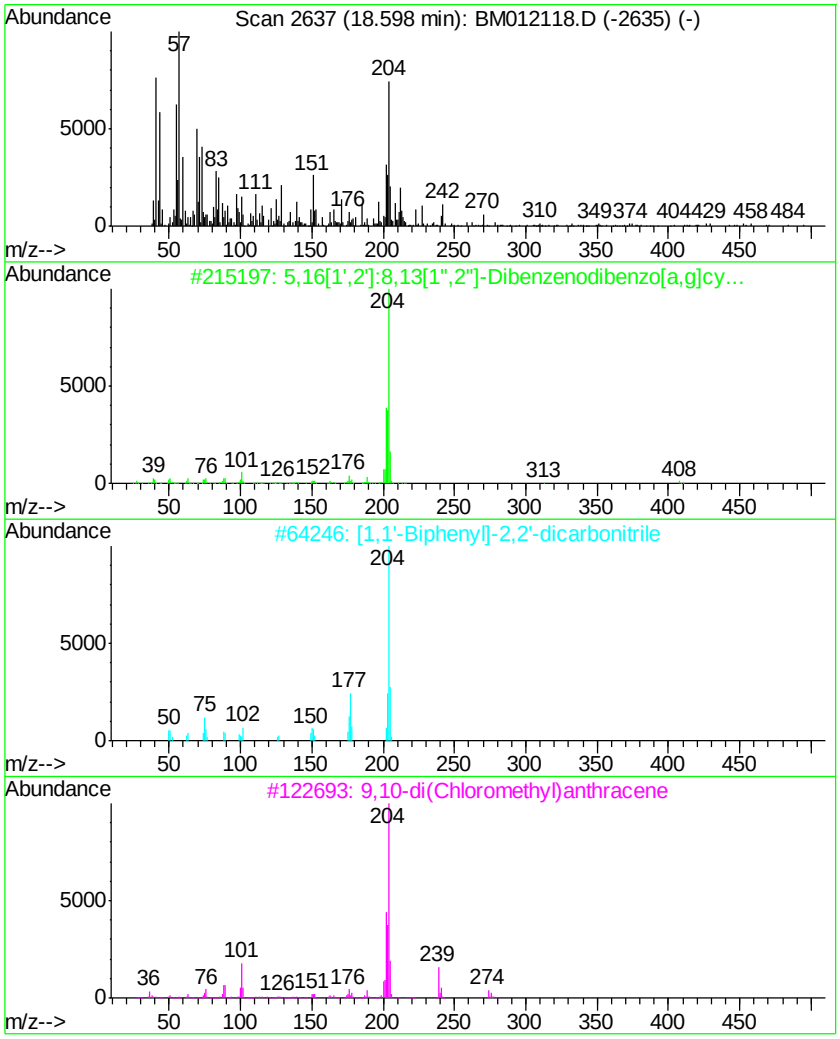
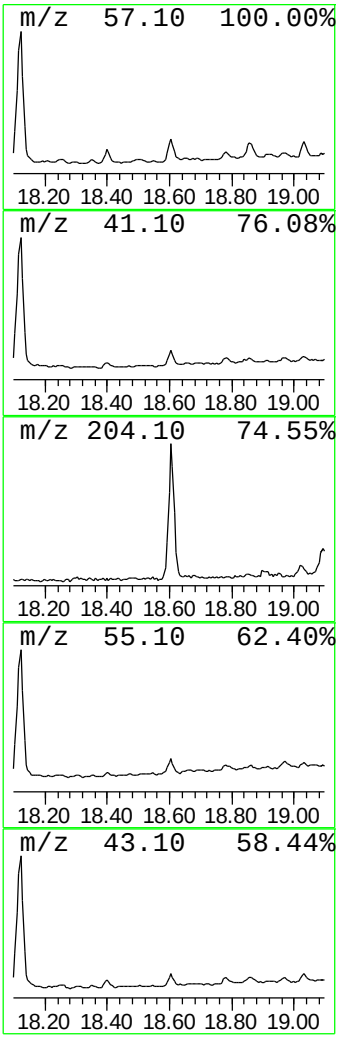
Peak Number 41 unknown-03 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	5.38 ng/ul	1004150	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	35
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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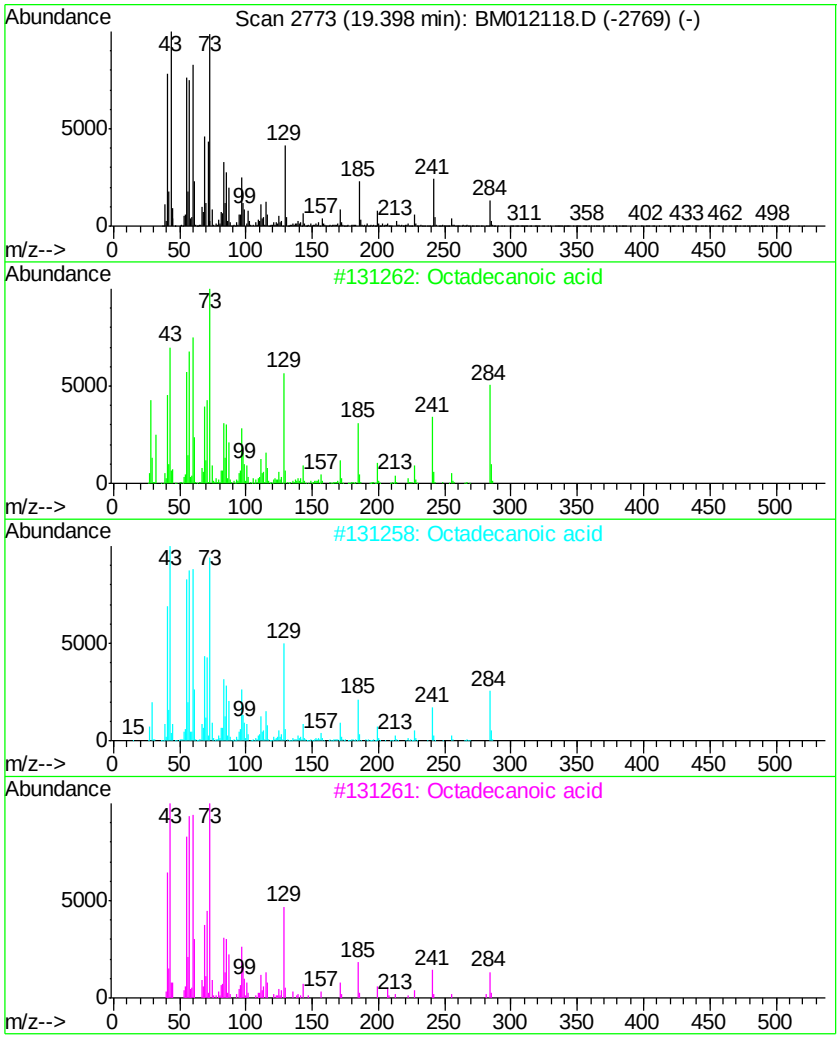
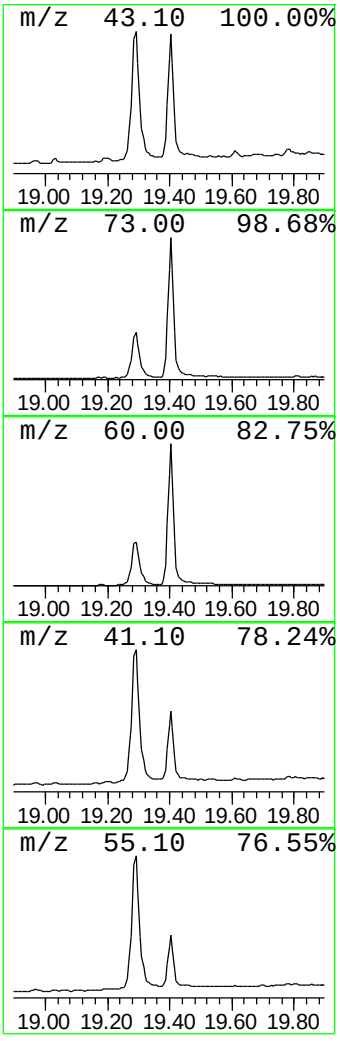
Peak Number 42 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	77.60 ng/ul	11788100	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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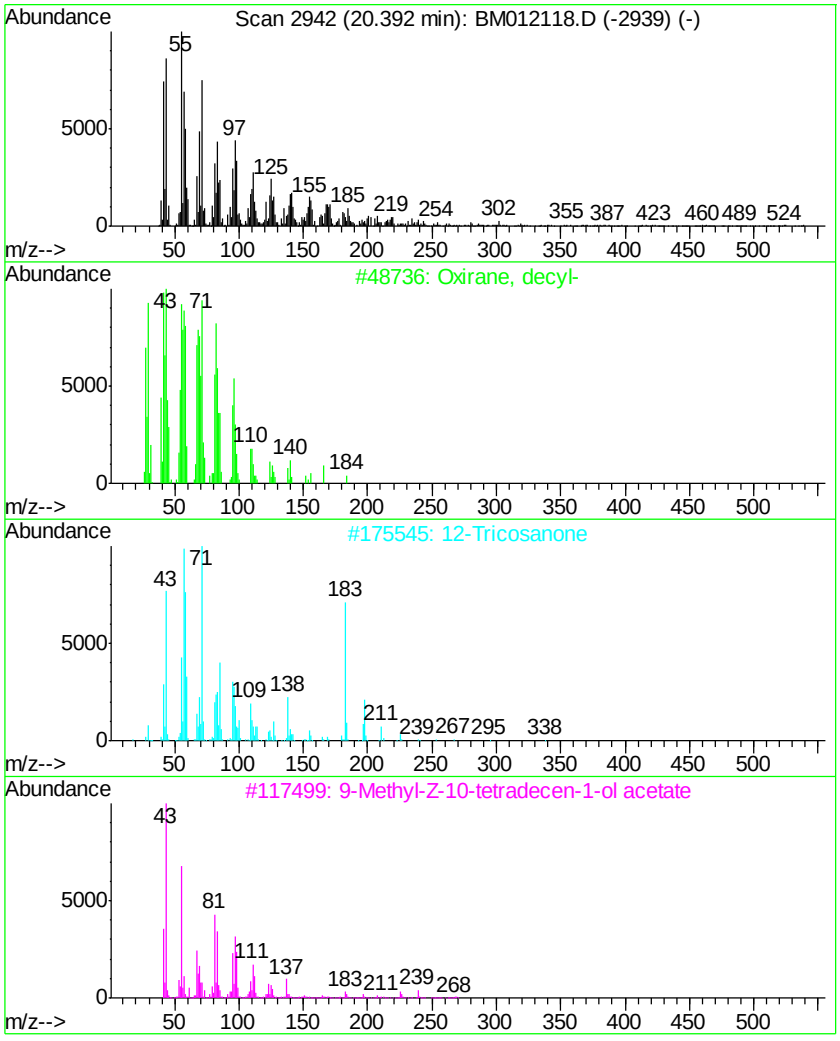
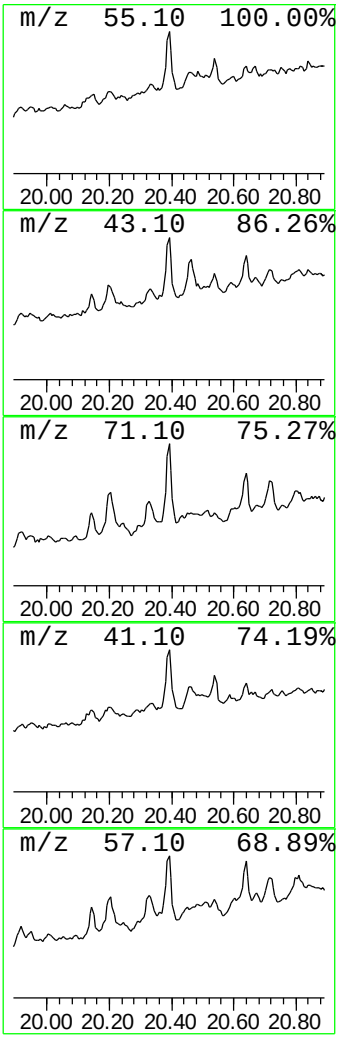
Peak Number 43 Oxirane, decyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	17.18 ng/ul	2609830	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, decyl-	184	C12H24O	002855-19-8	64
2	12-Tricosanone	338	C23H46O	000540-09-0	59
3	9-Methyl-Z-10-tetradecen-1-ol ac...	268	C17H32O2	1000130-99-4	58
4	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	58
5	9-Heptadecanone	254	C17H34O	000540-08-9	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012118.D
Acq On : 13 Oct 2017 02:52
Operator : SJ/JU
Sample : I5490-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(1-3)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetrachloroethylene	4.53	10.3	ng/ul	1017060	1	7.83	1968210	20.0
Benzene, 1,3-dime...	5.46	5.6	ng/ul	551618	1	7.83	1968210	20.0
Styrene	5.81	16.4	ng/ul	1611550	1	7.83	1968210	20.0
Benzene, (1-methy...	6.31	4.1	ng/ul	404630	1	7.83	1968210	20.0
(DEL) Alkane: Str...	6.80	13.1	ng/ul	1287040	1	7.83	1968210	20.0
(DEL) Alkane: Str...	7.44	6.0	ng/ul	594861	1	7.83	1968210	20.0
(DEL) Alkane: Str...	7.65	3.7	ng/ul	363279	1	7.83	1968210	20.0
(DEL) Alkane: Str...	7.94	8.5	ng/ul	833122	1	7.83	1968210	20.0
(DEL) Alkane: Str...	8.05	38.3	ng/ul	3765680	1	7.83	1968210	20.0
Sulfurous acid, b...	8.30	8.6	ng/ul	846153	1	7.83	1968210	20.0
(DEL) Alkane: Str...	8.36	50.5	ng/ul	4975060	1	7.83	1968210	20.0
(DEL) Alkane: Str...	8.49	39.9	ng/ul	3923370	1	7.83	1968210	20.0
(DEL) Alkane: Str...	8.85	14.7	ng/ul	1448830	1	7.83	1968210	20.0
unknown-01	8.93	22.4	ng/ul	2203770	1	7.83	1968210	20.0
(DEL) Alkane: Str...	9.13	5.9	ng/ul	579570	1	7.83	1968210	20.0
(DEL) Alkane: Str...	9.19	5.4	ng/ul	532554	1	7.83	1968210	20.0
2-Ethyl-1-hexanol...	9.26	2.0	ng/ul	344808	2	10.64	3443740	20.0
(DEL) Alkane: Str...	9.33	9.1	ng/ul	1569940	2	10.64	3443740	20.0
(DEL) Alkane: Str...	9.39	20.7	ng/ul	3565930	2	10.64	3443740	20.0
(DEL) Alkane: Str...	9.43	3.2	ng/ul	543987	2	10.64	3443740	20.0
o-Cymene	9.52	3.4	ng/ul	590182	2	10.64	3443740	20.0
(DEL) Alkane: Str...	9.58	4.0	ng/ul	685737	2	10.64	3443740	20.0
(DEL) Alkane: Str...	9.63	5.4	ng/ul	932566	2	10.64	3443740	20.0
(DEL) Alkane: Str...	9.82	3.6	ng/ul	613473	2	10.64	3443740	20.0
(DEL) Alkane: Str...	9.89	9.9	ng/ul	1711510	2	10.64	3443740	20.0
Sulfurous acid, b...	10.02	30.5	ng/ul	5250810	2	10.64	3443740	20.0
(DEL) Alkane: Str...	10.09	17.6	ng/ul	3029550	2	10.64	3443740	20.0
(DEL) Alkane: Str...	10.13	9.6	ng/ul	1651440	2	10.64	3443740	20.0
(DEL) Alkane: Str...	10.20	4.8	ng/ul	833522	2	10.64	3443740	20.0
(DEL) Alkane: Str...	10.35	6.5	ng/ul	1126240	2	10.64	3443740	20.0
(DEL) Alkane: Str...	10.59	4.0	ng/ul	689555	2	10.64	3443740	20.0
(DEL) Alkane: Str...	10.90	2.0	ng/ul	349349	2	10.64	3443740	20.0
Decanoic acid, si...	11.44	2.6	ng/ul	454811	2	10.64	3443740	20.0
Naphthalene, 2,3,...	14.89	2.2	ng/ul	419194	3	14.49	3792690	20.0
(DEL) Alkane: Str...	15.32	2.0	ng/ul	382108	3	14.49	3792690	20.0
Naphthalene, 1,6-...	16.20	7.8	ng/ul	1450610	4	17.23	3731340	20.0
unknown-02	16.62	2.6	ng/ul	482570	4	17.23	3731340	20.0
(DEL) Alkane: Str...	17.02	4.2	ng/ul	775569	4	17.23	3731340	20.0
n-Hexadecanoic acid	18.12	46.3	ng/ul	8628340	4	17.23	3731340	20.0
Benzaldehyde, 3,5...	18.30	2.8	ng/ul	514865	4	17.23	3731340	20.0
unknown-03	18.60	5.4	ng/ul	1004150	4	17.23	3731340	20.0
Octadecanoic acid	19.40	77.6	ng/ul	11788100	5	21.42	3038280	20.0
Oxirane, decyl-	20.39	17.2	ng/ul	2609830	5	21.42	3038280	20.0