LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012818\
Data File : BM013938.D
Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

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-BM011018.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	6.763	630	642	655	rVB2	577118	1150233	5.34%	0.548%
2	6.922	664	669	683	rVB	424084	693307	3.22%	0.330%
3	7.110	696	701	710	rVB	612126	997038	4.63%	0.475%
4	7.575	770	780	788	rBV	581806	995885	4.62%	0.474%
5	8.293	896	902	912	rVV	649637	1116863	5.18%	0.532%
6	8.734	970	977	982	rBV	605016	1021626	4.74%	0.486%
7	8.787	982	986	996	rVB	252542	384424	1.78%	0.183%
8	9.445	1088	1098	1108	rBV2	525844	1032932	4.79%	0.492%
9	9.987	1184	1190	1197	rBV	832033	1424850	6.61%	0.678%
10	10.328	1240	1248	1249	rBV	553226	812186	3.77%	0.387%
11	10.351	1249	1252	1255	rVV	757838	1182558	5.49%	0.563%
12	10.404	1255	1261	1268	rVB	5430447	8653991	40.16%	4.120%
13	10.510	1273	1279	1286	rVB3	530379	1028016	4.77%	0.489%
14	11.369	1420	1425	1430	rBV3	303594	506582	2.35%	0.241%
15	11.781	1485	1495	1500	rBV	879497	1323048	6.14%	0.630%
16	12.028	1528	1537	1543	rVB	6011658	9301522	43.16%	4.429%
17	12.245	1564	1574	1582	rVB	2808133	4481639	20.80%	2.134%
18	12.751	1656	1660	1665	rVV	372031	497110	2.31%	0.237%
19	13.051	1704	1711	1718	rBV2	2533687	3690155	17.12%	1.757%
20	13.251	1740	1745	1749	rBV	458649	689630	3.20%	0.328%
21	13.386	1761	1768	1769	rBV	769672	1087531	5.05%	0.518%
22	13.545	1789	1795	1800	rBV2	1068670	1961518	9.10%	0.934%
23	13.598	1800	1804	1808	rVV	770113	1296175	6.01%	0.617%
24	13.651	1808	1813	1817	rVV	1271165	2051495	9.52%	0.977%
25	13.710	1817	1823	1828	rVV3	877117	1727962	8.02%	0.823%
26	13.757	1828	1831	1833	rVV	266381	378601	1.76%	0.180%
27	13.786	1833	1836	1839	rVV	419149	590838	2.74%	0.281%
28	13.922	1853	1859	1863	rBV	1426743	2191758	10.17%	1.044%
29	14.133	1889	1895	1900	rBV	2036468	2719802	12.62%	1.295%
30	14.210	1901	1908	1917	rVV3	1529216	3670684	17.03%	1.748%
31	14.292	1917	1922	1931	rVV	3245425	5323075	24.70%	2.534%
32	14.374	1932	1936	1943	rVV2	180943	341732	1.59%	0.163%
33	14.469	1943	1952	1958	rVV3	467580	1068160	4.96%	0.509%
34	14.539	1958	1964	1968	rVV4	177134	401498	1.86%	0.191%

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Data File : BM013938.D
Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

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-BM011018.M
Title : SVOA CALIBRATION

35	14.580	1968	1971	1975	rVV3	236651	456327	2.12%	0.217%
36	14.633	1975	1980	1986	rVV	3931028	5699648	26.45%	2.714%
37	14.710	1988	1993	1997	rVV2	281703	481004	2.23%	0.229%
38	14.757	1997	2001	2010	rVB2	508254	739802	3.43%	0.352%
39	14.857	2014	2018	2023	rVV2	284346	515312	2.39%	0.245%
40	15.016	2039	2045	2050	rBV5	216843	512231	2.38%	0.244%
41	15.092	2054	2058	2063	rVB	2485004	3163647	14.68%	1.506%
42	15.227	2076	2081	2086	rVB	1671357	2388704	11.08%	1.137%
43	15.286	2086	2091	2096	rBV	3833375	5212007	24.19%	2.482%
44	15.380	2102	2107	2110	rBV2	518052	803226	3.73%	0.382%
45	15.445	2115	2118	2122	rVV	443038	609356	2.83%	0.290%
46	15.498	2122	2127	2131	rVV	846673	1299662	6.03%	0.619%
47	15.580	2137	2141	2149	rVB	965496	1577632	7.32%	0.751%
48	15.651	2149	2153	2157	rBV	253508	395521	1.84%	0.188%
49	15.704	2157	2162	2164	rBV2	986199	1476355	6.85%	0.703%
50	15.727	2164	2166	2173	rVB	922891	1527999	7.09%	0.728%
51	15.792	2173	2177	2180	rBV3	219754	349735	1.62%	0.167%
52	15.963	2201	2206	2208	rBV	3156585	4518196	20.97%	2.151%
53	16.027	2213	2217	2221	rVB2	533332	768589	3.57%	0.366%
54	16.298	2256	2263	2267	rBV3	488030	853163	3.96%	0.406%
55	16.527	2298	2302	2305	rBV3	243272	356321	1.65%	0.170%
56	16.563	2305	2308	2311	rVB2	333748	378181	1.75%	0.180%
57	16.645	2318	2322	2329	rVB3	707761	1109847	5.15%	0.528%
58	16.751	2330	2340	2345	rVV	2929027	4294938	19.93%	2.045%
59	16.804	2345	2349	2359	rVB	1658890	2499726	11.60%	1.190%
60	16.892	2361	2364	2374	rVB4	205319	348491	1.62%	0.166%
61	16.986	2375	2380	2383	rBV	1221894	1820839	8.45%	0.867%
62	17.039	2383	2389	2393	rVV	15064287	21549820	100.00%	10.260%
63	17.086	2393	2397	2400	rVV2	1919528	2852594	13.24%	1.358%
64	17.121	2400	2403	2408	rVB	2330568	2990268	13.88%	1.424%
65	17.215	2415	2419	2424	rVB3	293248	514797	2.39%	0.245%
66	17.404	2445	2451	2461	rVV2	487061	1187375	5.51%	0.565%
67	17.492	2461	2466	2472	rVV2	2805530	3599061	16.70%	1.714%
68	17.568	2476	2479	2488	rVB4	210852	478423	2.22%	0.228%
69	17.768	2510	2513	2522	rVV8	175134	340957	1.58%	0.162%
70	17.862	2523	2529	2532	rVV	1033297	1576958	7.32%	0.751%
71	17.910	2532	2537	2544	rVV	1457598	2391079	11.10%	1.138%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012818\
Data File : BM013938.D
Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

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-BM011018.M
Title : SVOA CALIBRATION

72	17.992	2547	2551	2555	rVV	503302	739197	3.43%	0.352%
73	18.057	2556	2562	2566	rVV2	1535582	2711388	12.58%	1.291%
74	18.092	2566	2568	2573	rVB	572897	622392	2.89%	0.296%
75	18.186	2579	2584	2588	rBV	2377080	2895654	13.44%	1.379%
76	18.368	2610	2615	2621	rBV	815369	1068864	4.96%	0.509%
77	18.827	2689	2693	2701	rVB	2069567	2613950	12.13%	1.245%
78	19.057	2726	2732	2738	rBV	9299589	11988592	55.63%	5.708%
79	19.298	2770	2773	2782	rVB	247791	448058	2.08%	0.213%
80	19.392	2783	2789	2790	rVV	3624162	4746789	22.03%	2.260%
81	19.415	2790	2793	2802	rVV	5917337	9423164	43.73%	4.486%
82	19.492	2802	2806	2812	rVB2	315426	485311	2.25%	0.231%
83	19.604	2818	2825	2830	rBV	432315	707491	3.28%	0.337%
84	19.745	2840	2849	2856	rBV5	381967	1132328	5.25%	0.539%
85	19.921	2874	2879	2880	rVV	744329	1008003	4.68%	0.480%
86	19.945	2880	2883	2888	rVB	1715397	1904353	8.84%	0.907%
87	20.021	2891	2896	2900	rBV	726424	959889	4.45%	0.457%
88	20.074	2900	2905	2909	rBV2	335963	518645	2.41%	0.247%
89	20.445	2964	2968	2972	rBV	1492927	1600802	7.43%	0.762%
90	20.868	3037	3040	3043	rVV	307798	384432	1.78%	0.183%
91	20.909	3043	3047	3052	rVB2	1362368	1494902	6.94%	0.712%
92	21.180	3087	3093	3098	rBV3	2050459	4183999	19.42%	1.992%
93	21.221	3098	3100	3110	rVB	1129269	1472306	6.83%	0.701%
94	21.345	3117	3121	3126	rVB	1113941	1284337	5.96%	0.611%
95	21.768	3190	3193	3201	rVB2	827389	996931	4.63%	0.475%
96	22.221	3266	3270	3275	rBV	515253	642425	2.98%	0.306%
97	22.715	3349	3354	3360	rBV3	664942	1470053	6.82%	0.700%
98	23.239	3437	3443	3449	rBV2	1492994	3076434	14.28%	1.465%
99	23.374	3461	3466	3471	rVB	986394	1642387	7.62%	0.782%
100	23.874	3549	3551	3560	rVB2	245795	378746	1.76%	0.180%

Sum of corrected areas: 210034037

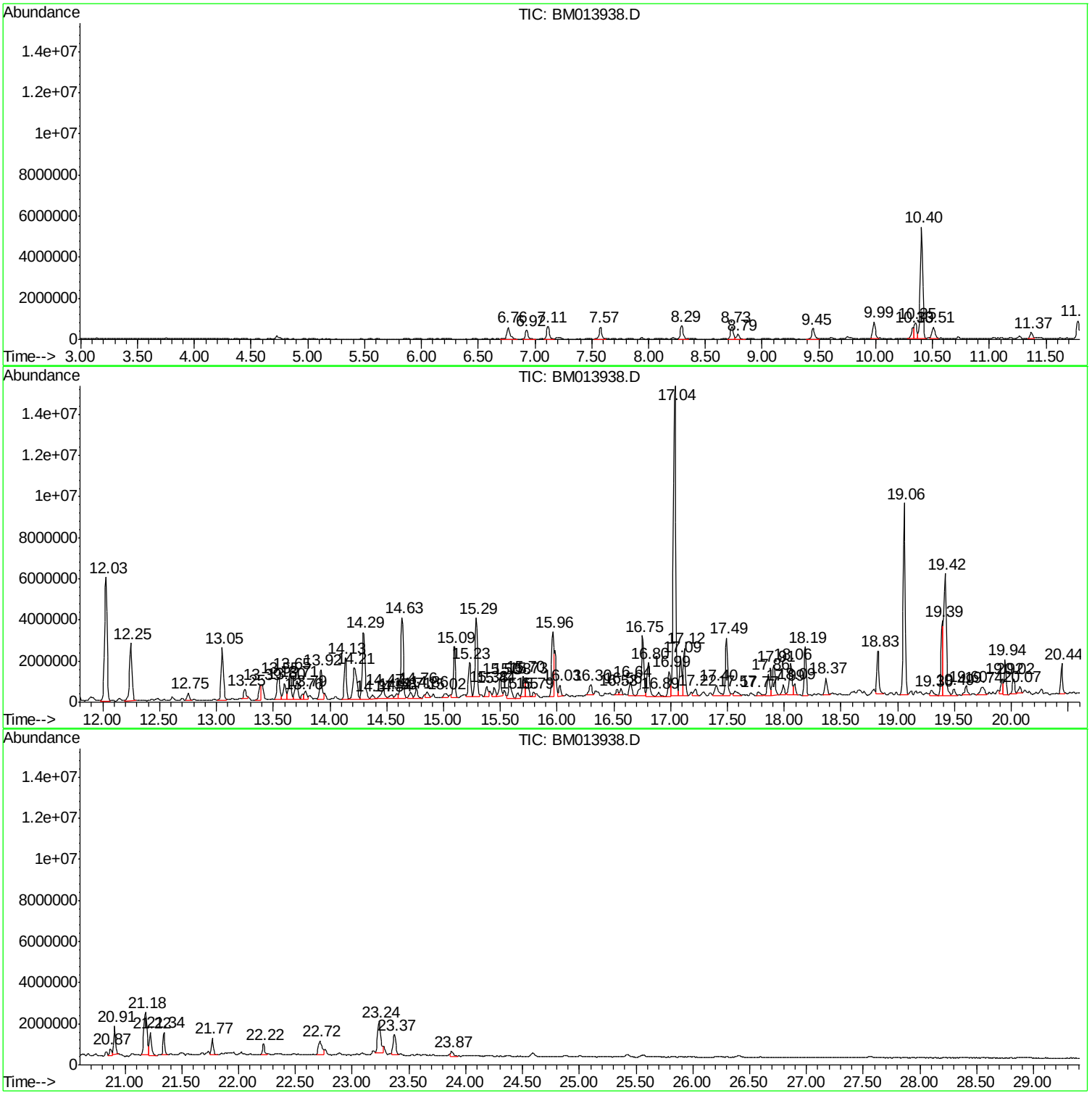
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\Data\BM012818\
Data File : BM013938.D
Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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\BM012818\
Data File : BM013938.D
Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

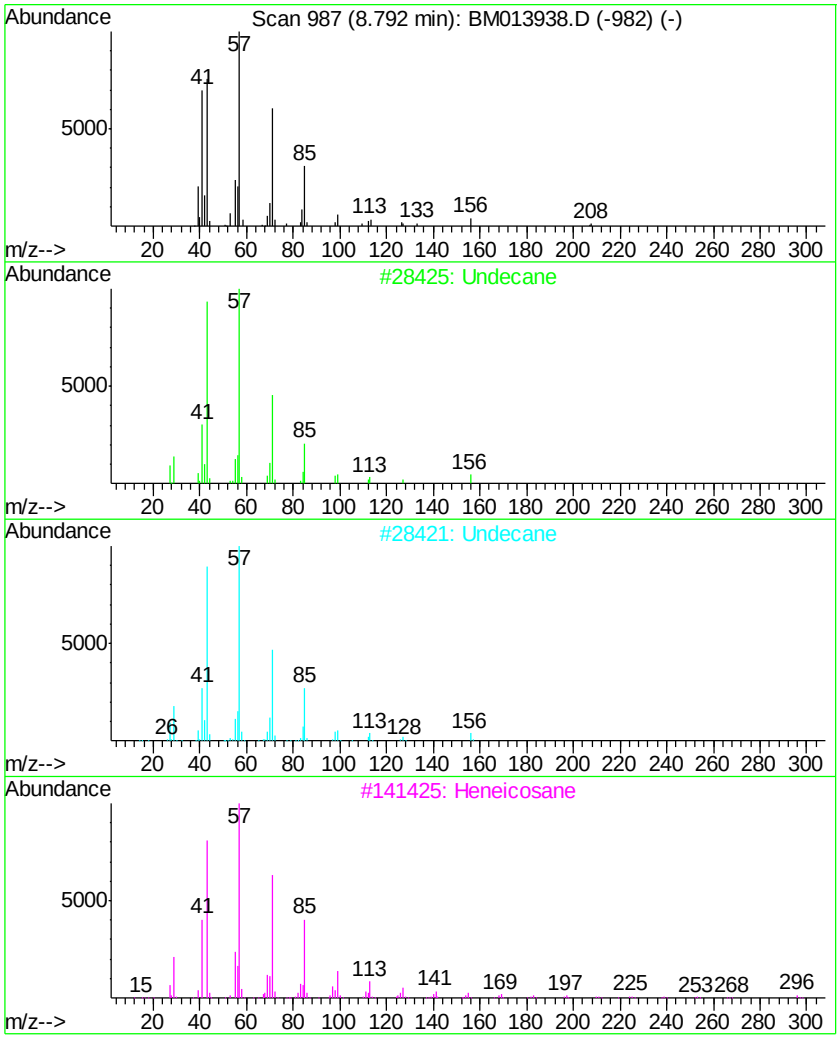
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

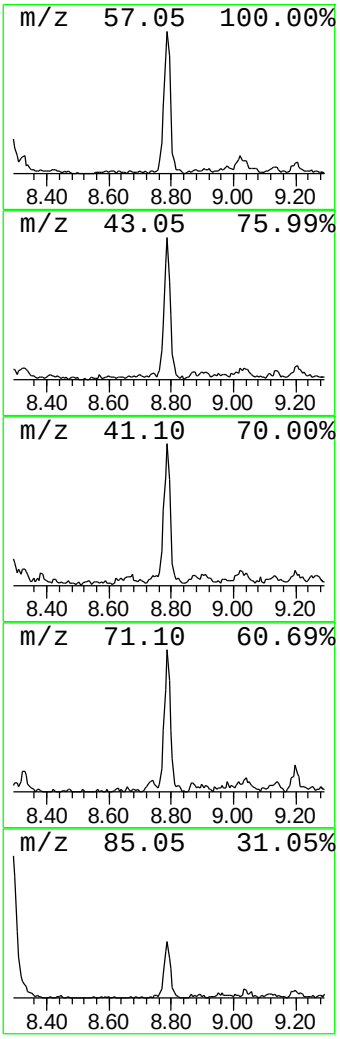
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	7.72 ng/ul	384424	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	86
2	Undecane	156	C11H24	001120-21-4	80
3	Heneicosane	296	C21H44	000629-94-7	78
4	Tridecane	184	C13H28	000629-50-5	72
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012818\
Data File : BM013938.D
Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

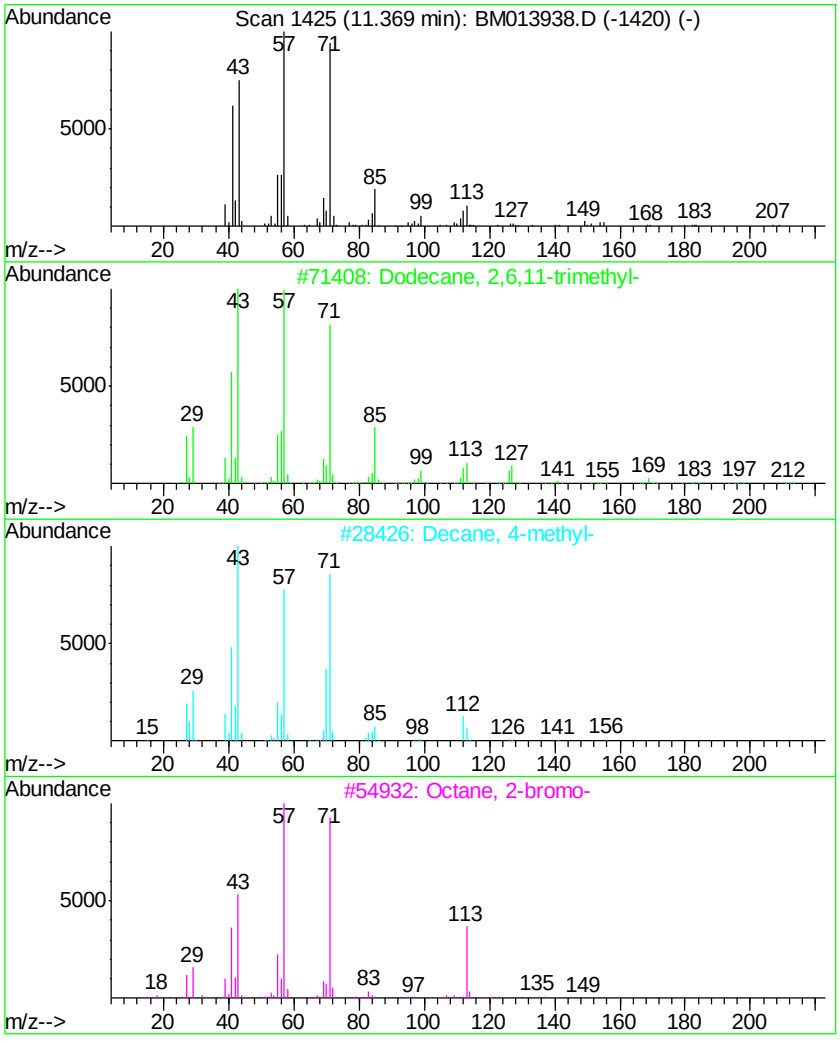
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

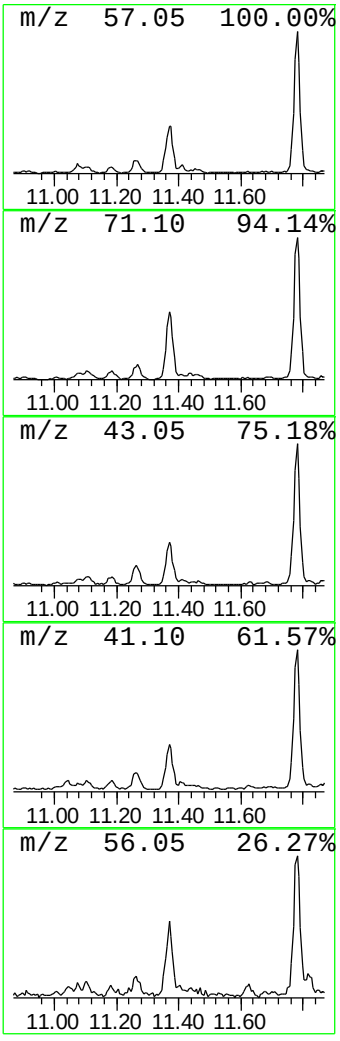
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	8.57 ng/ul	506582	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
2	Decane, 4-methyl-	156	C11H24	002847-72-5	59
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	59
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	59
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	53





Data Path : Z:\HPCHEM1\BNA M\Data\BM012818\
Data File : BM013938.D
Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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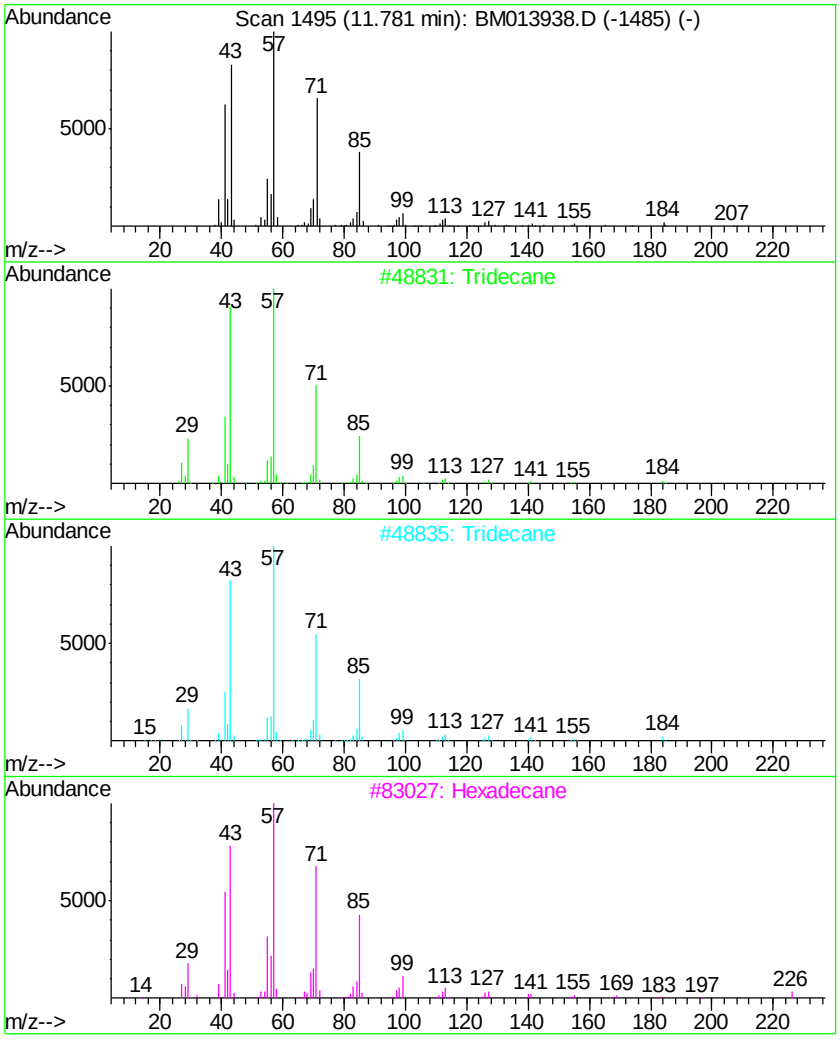
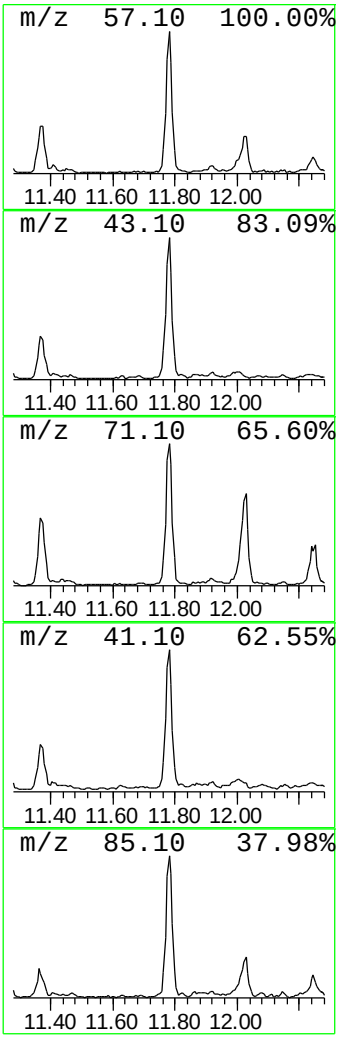
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	22.38 ng/ul	1323050	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tridecane	184	C13H28	000629-50-5	93
3	Hexadecane	226	C16H34	000544-76-3	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Tetradecane	198	C14H30	000629-59-4	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012818\
Data File : BM013938.D
Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

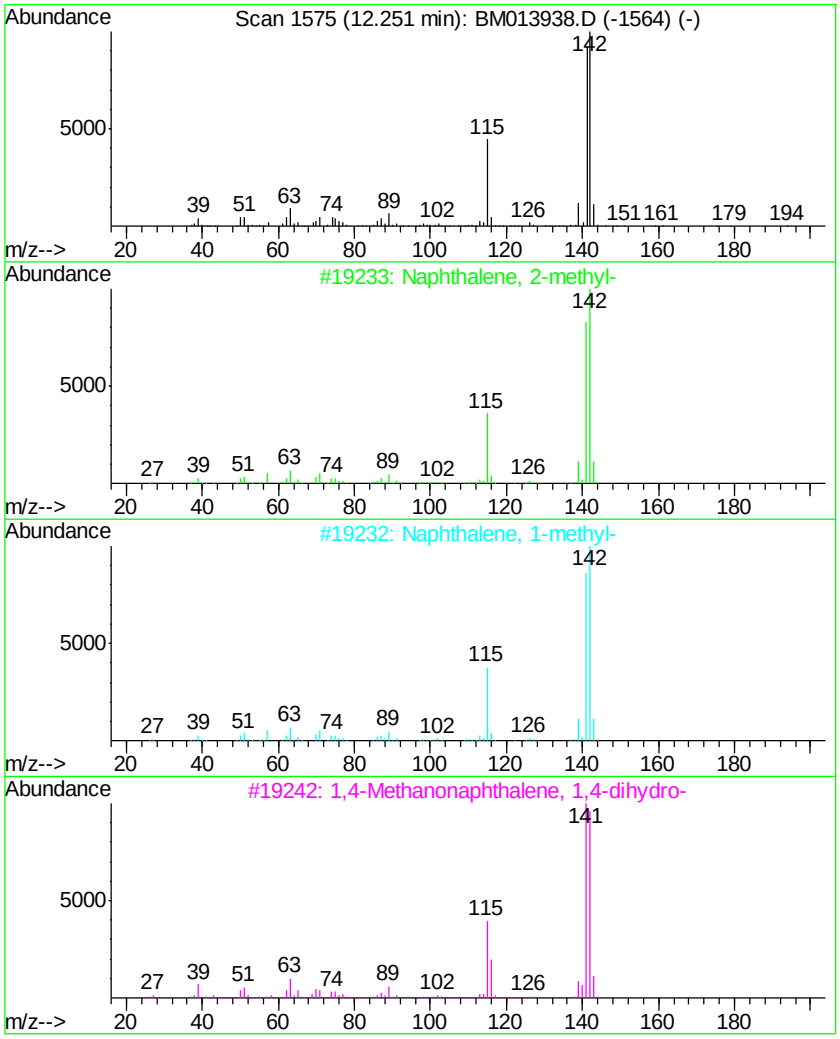
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

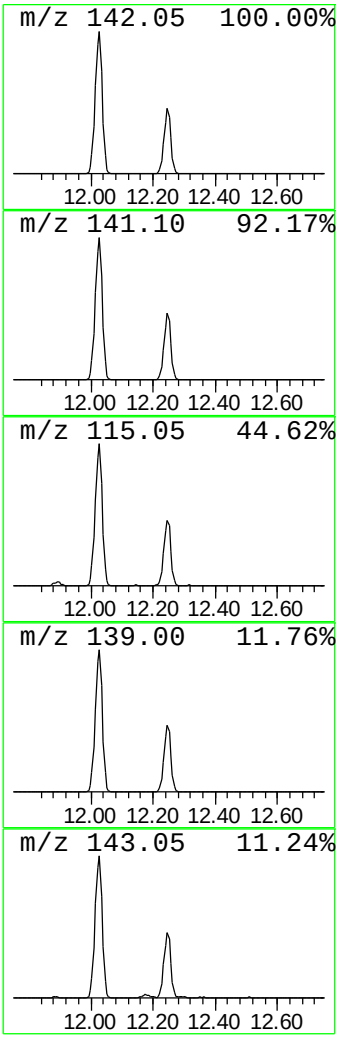
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	75.80 ng/ul	4481640	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





Data Path : Z:\HPCHEM1\BNA M\Data\BM012818\
Data File : BM013938.D
Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

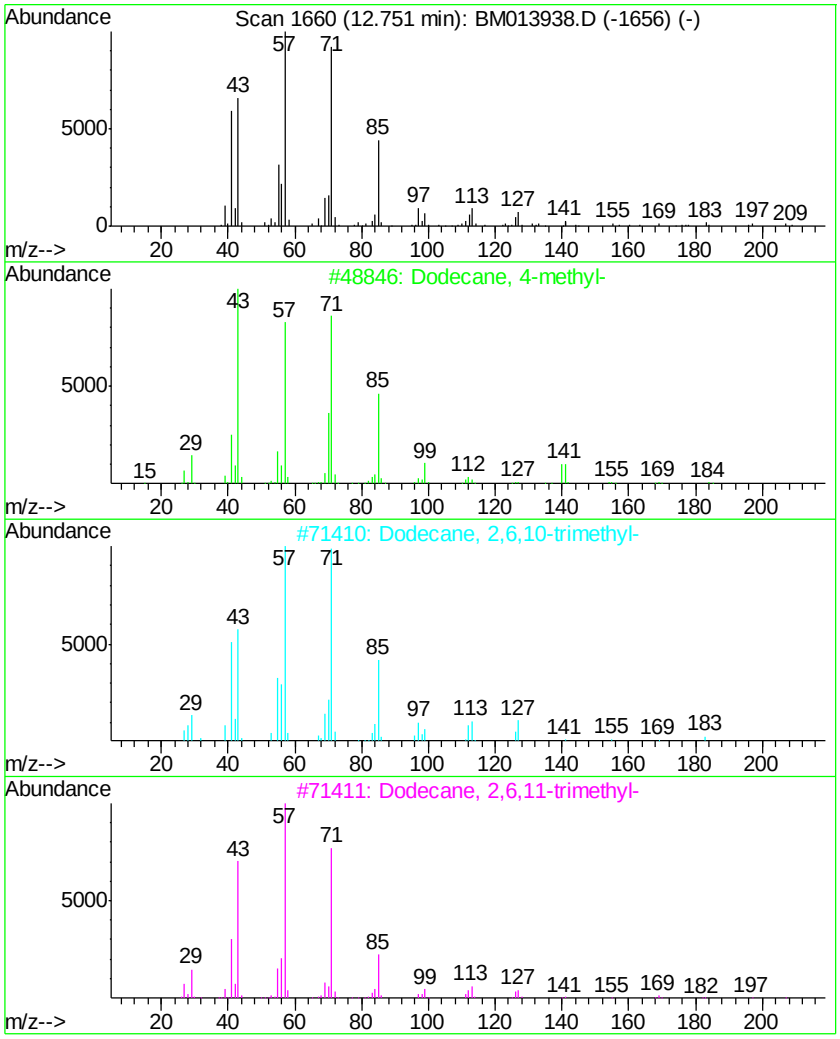
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

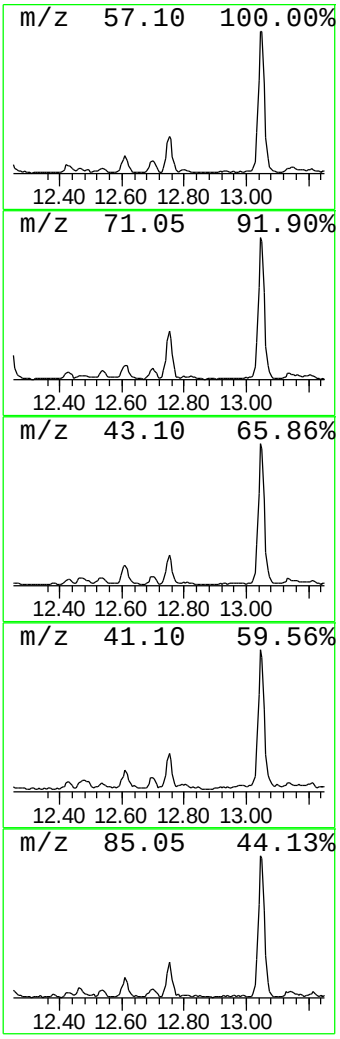
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	2.71 ng/ul	497110	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	76
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

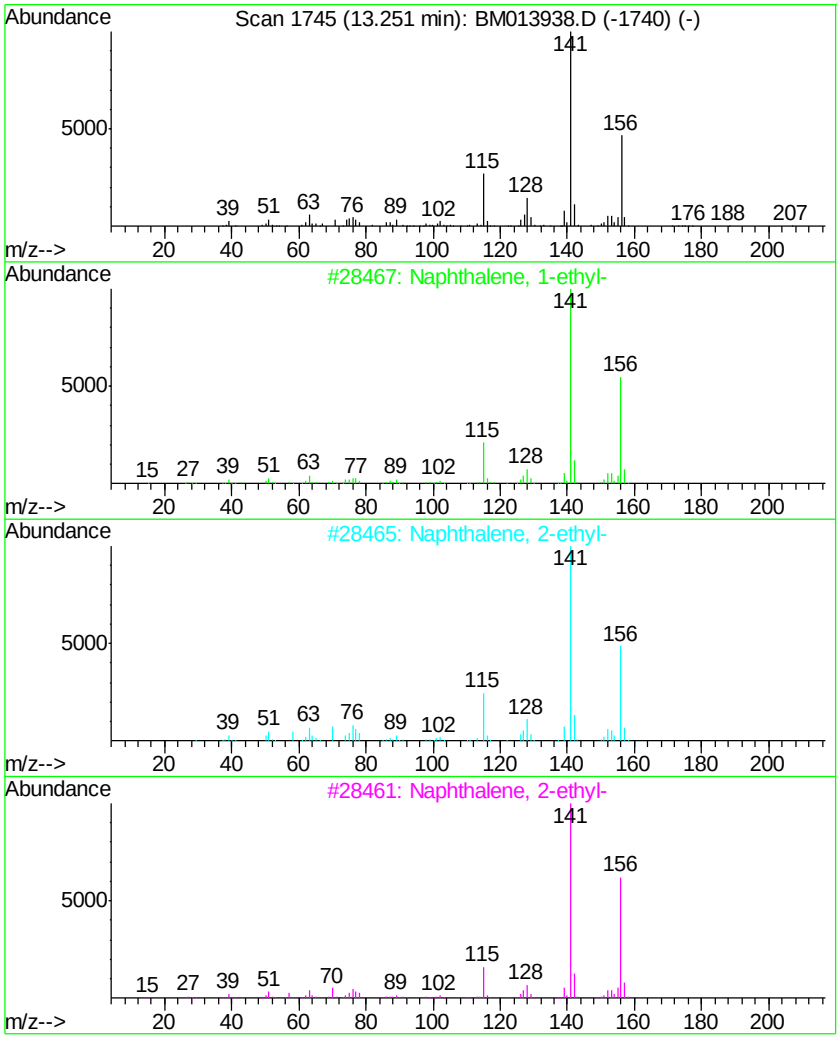
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

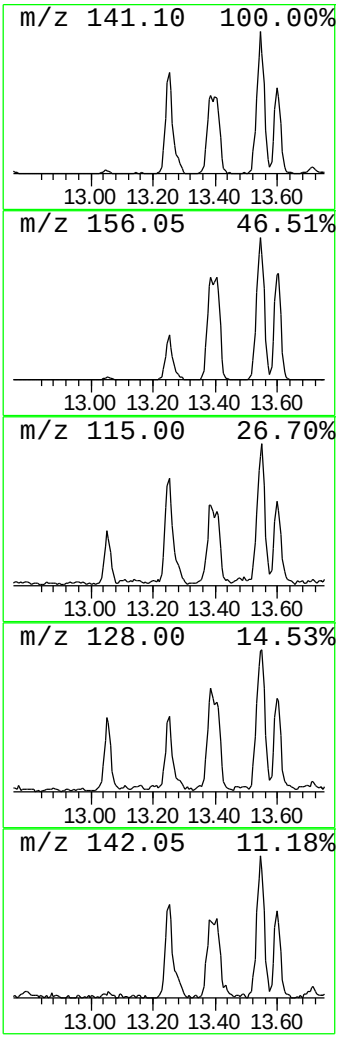
****

Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.76 ng/ul	689630	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87





Library Search Compound Report

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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

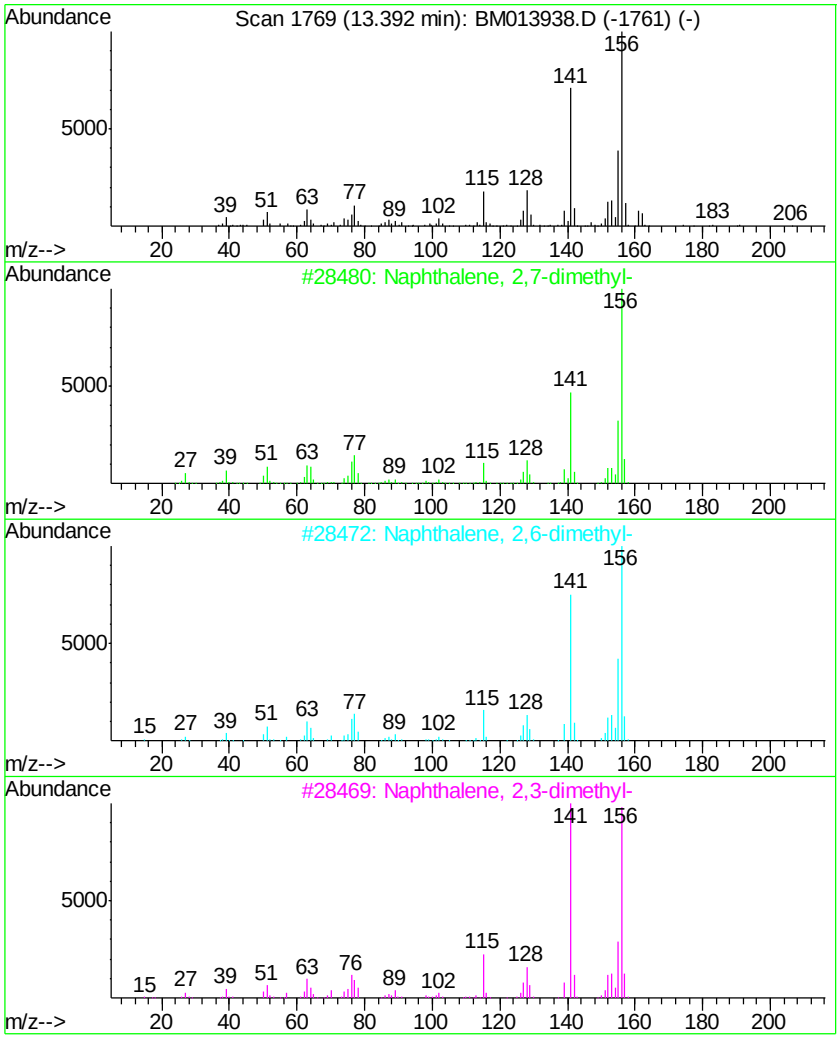
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

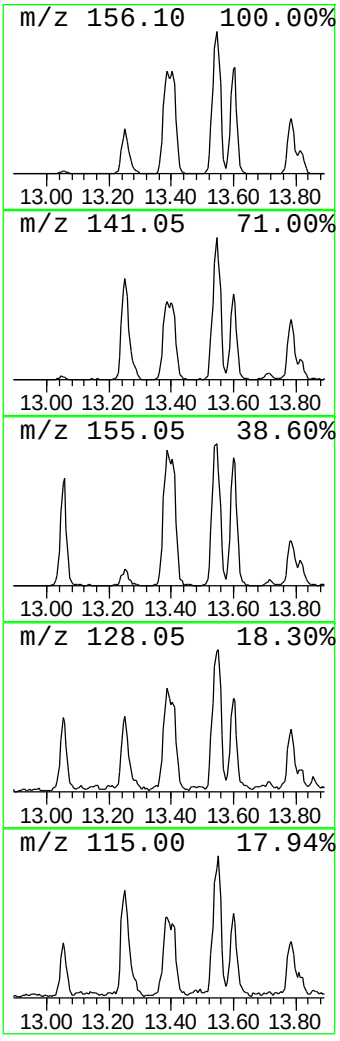
****

Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	5.93 ng/ul	1087530	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Library Search Compound Report

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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

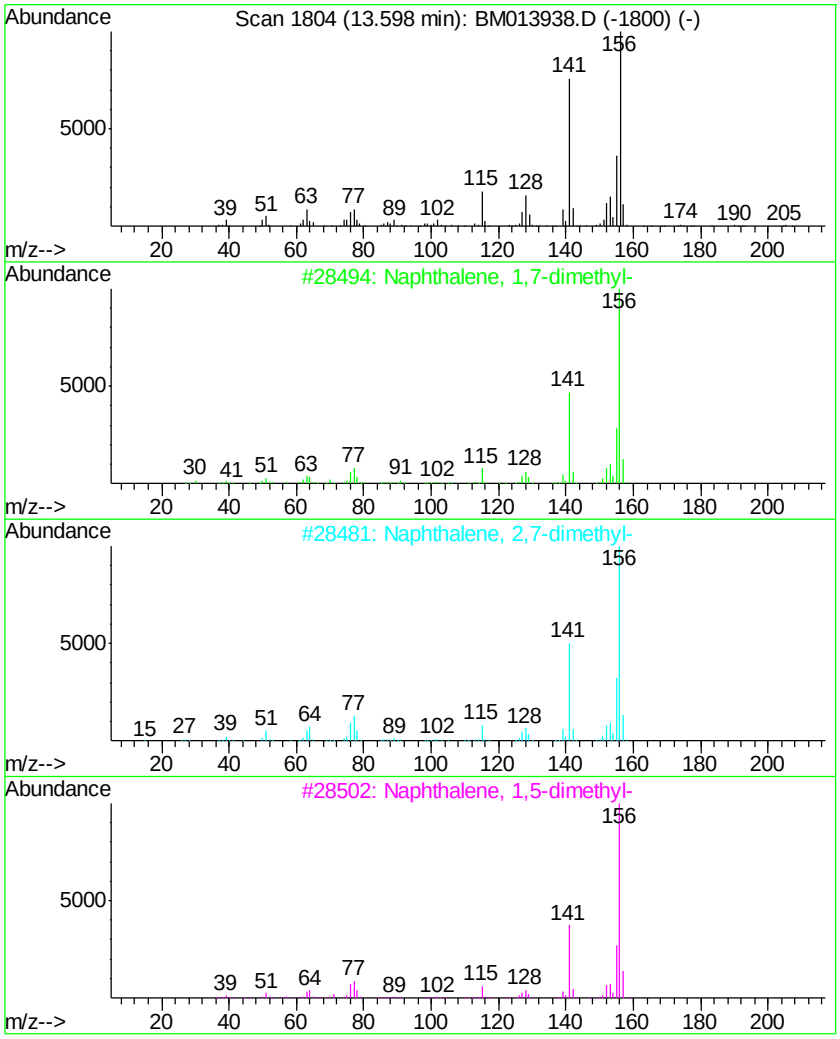
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

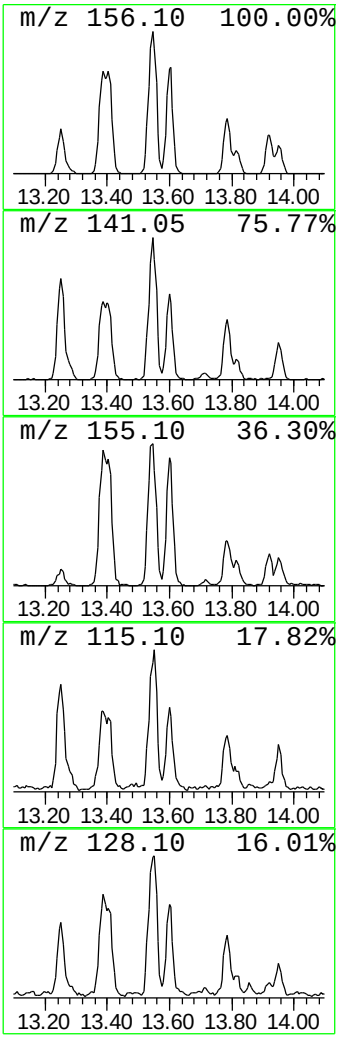
****

Peak Number 9 Naphthalene, 1,7-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	7.06 ng/ul	1296180	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

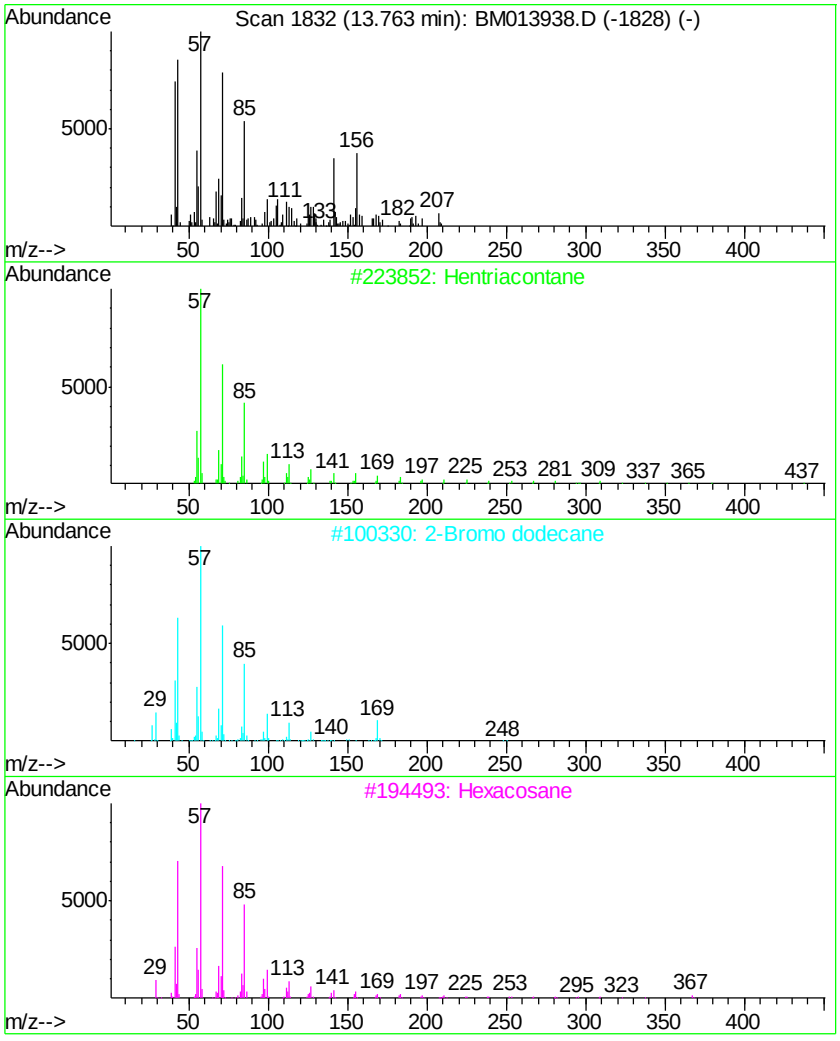
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

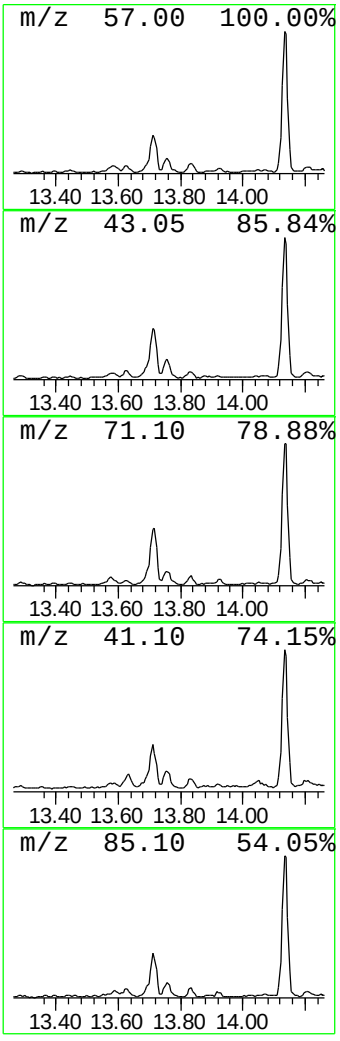
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.06 ng/ul	378601	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	72
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
3	Hexacosane	366	C26H54	000630-01-3	68
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
5	Pentadecane	212	C15H32	000629-62-9	64





Library Search Compound Report

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Data File : BM013938.D
Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

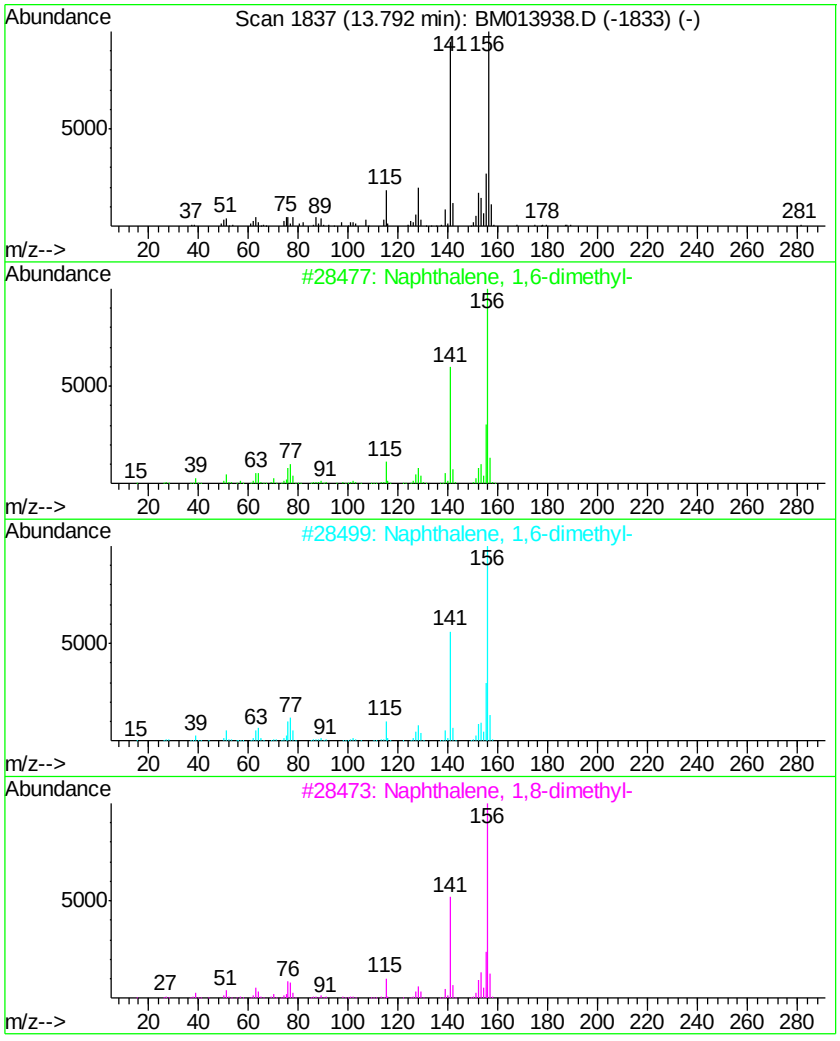
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

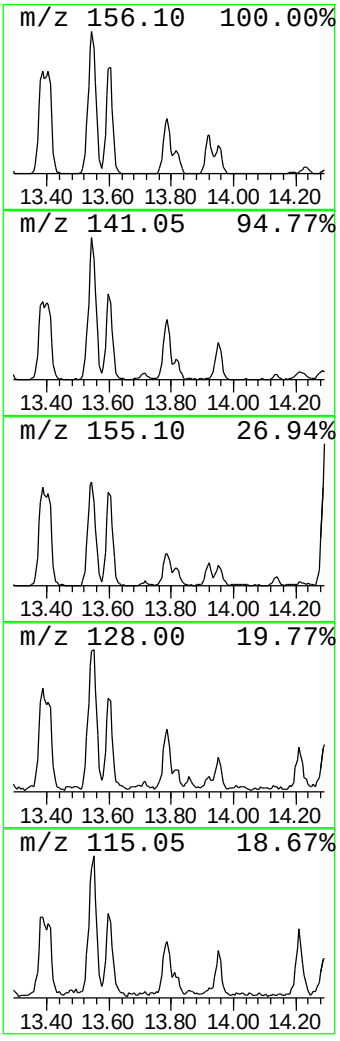
****

Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	3.22 ng/ul	590838	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





Library Search Compound Report

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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

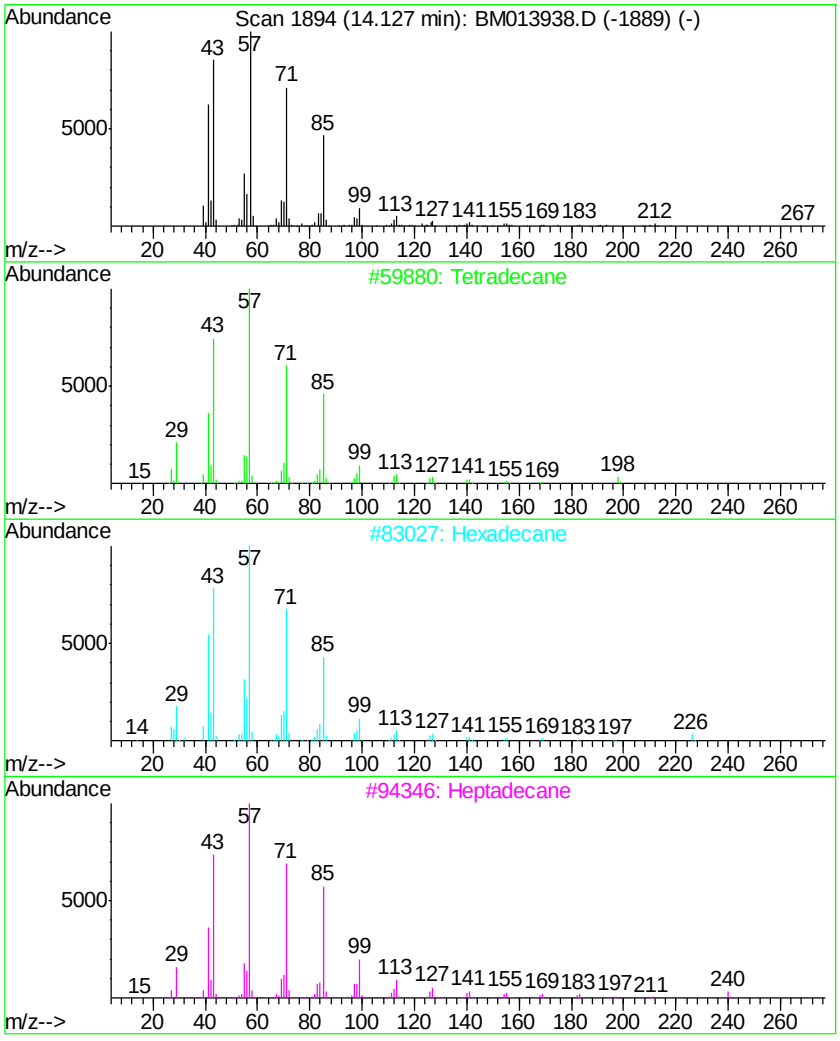
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

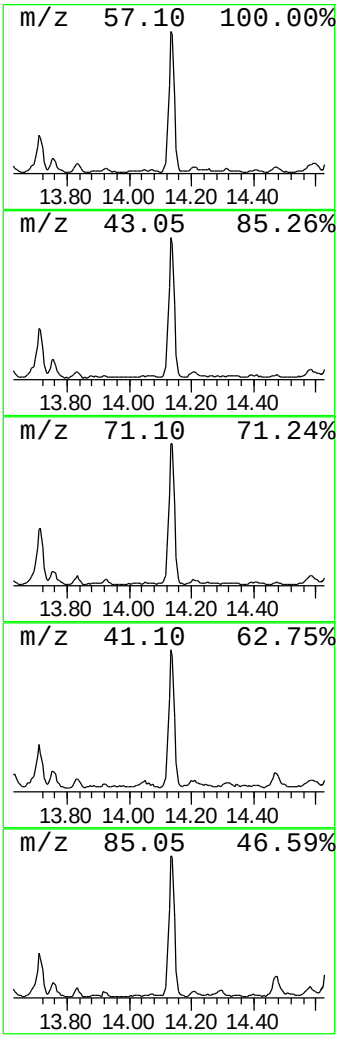
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	14.82 ng/ul	2719800	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	80





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Data File : BM013938.D
Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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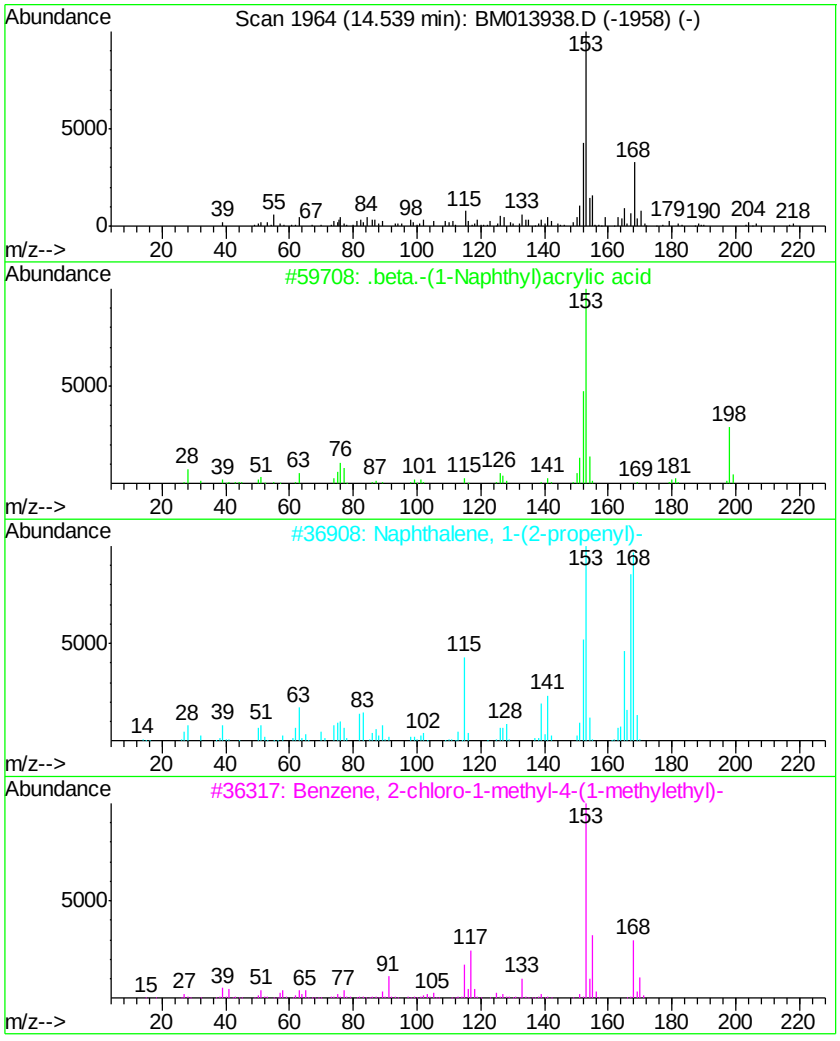
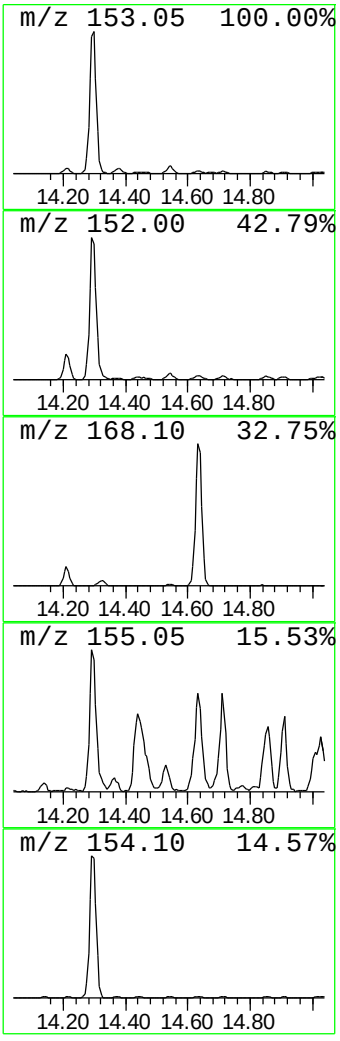
Peak Number 13 .beta.-(1-Naphthyl)acrylic ... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.19 ng/ul	401498	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	59
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	56
3	Benzene, 2-chloro-1-methyl-4-(1-...	168	C10H13Cl	004395-79-3	47
4	1-Fluoro-1-hex-1-ynyl-2,2-dimeth...	168	C11H17F	1000300-49-2	46
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	45





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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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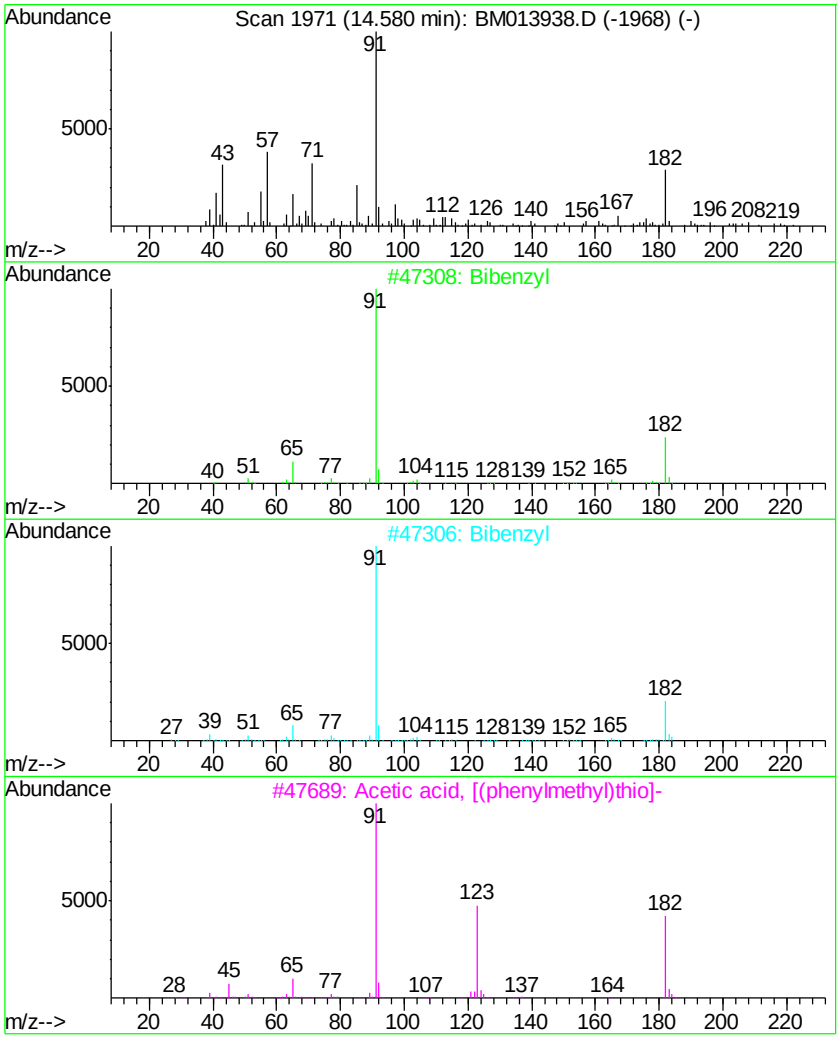
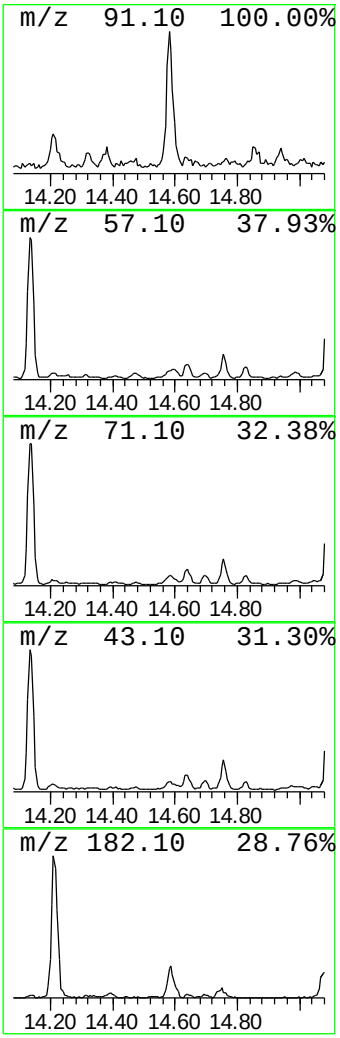
Peak Number 14 unknown-01 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	2.49 ng/ul	456327	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bibenzyl	182	C14H14	000103-29-7	38
2	Bibenzyl	182	C14H14	000103-29-7	38
3	Acetic acid, [(phenylmethyl)thiol-	182	C9H10O2S	000103-46-8	35
4	Phenol, o-(benzylthio)-	216	C13H12OS	024312-63-8	18
5	Propanedinitrile, (1-methyl-3-ph...	196	C13H12N2	069564-94-9	18





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Acq On : 29 Jan 2018 00:38
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Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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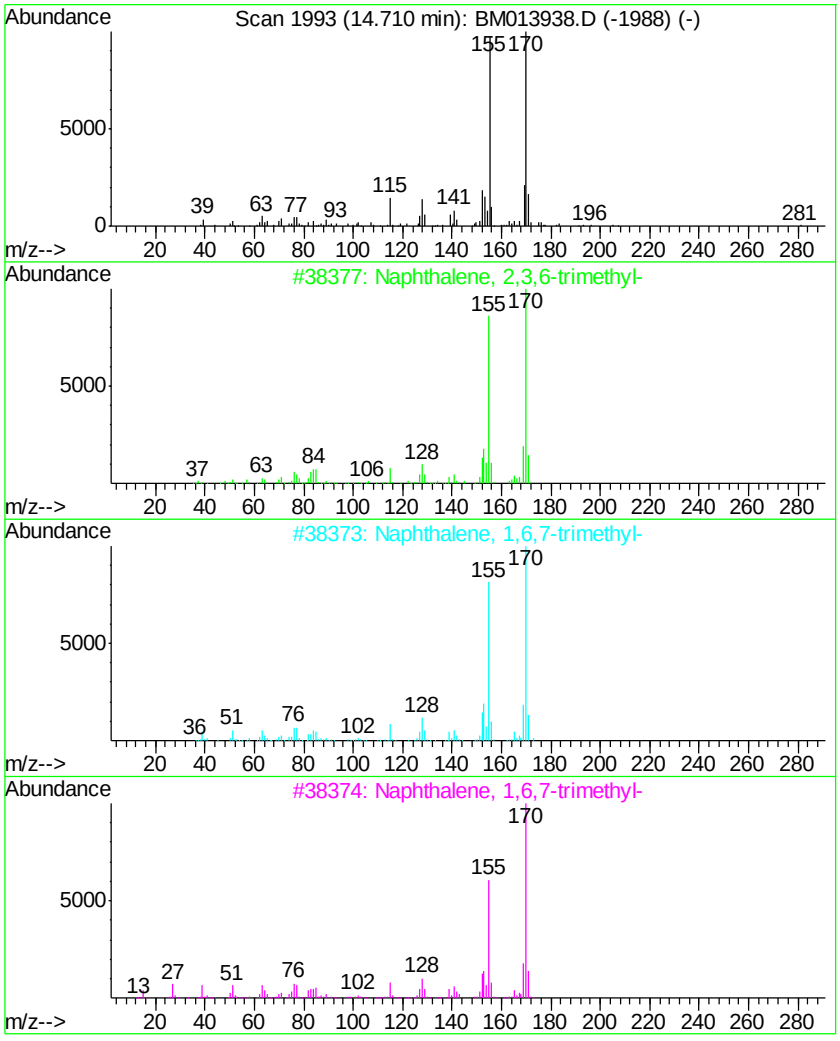
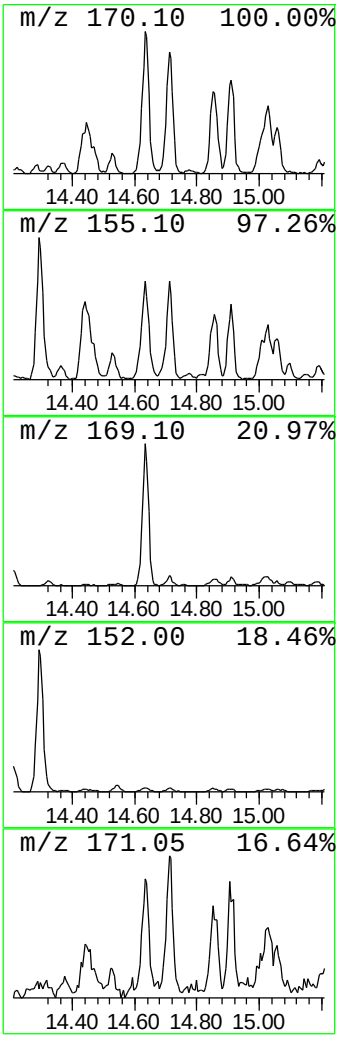
Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.62 ng/ul	481004	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91





Library Search Compound Report

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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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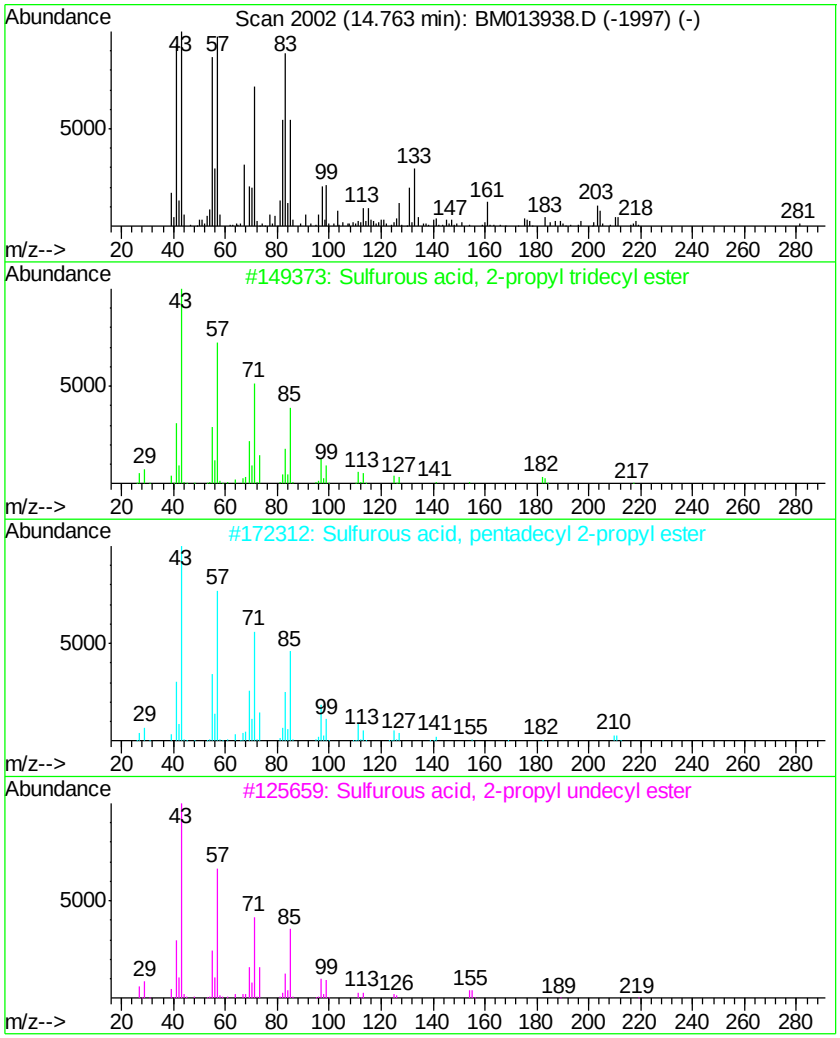
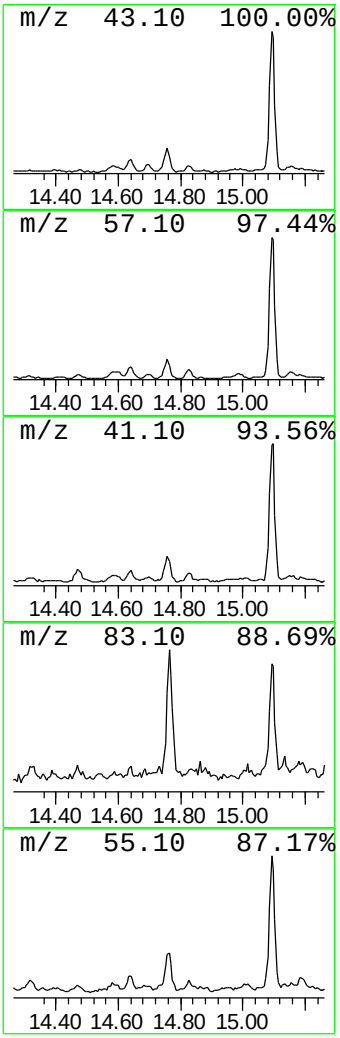
Peak Number 16 Sulfurous acid, 2-propyl tr... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	4.03 ng/ul	739802	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	72
2	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	64
3	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	64
4	Tetratetracontane	619	C44H90	007098-22-8	64
5	Heneicosane	296	C21H44	000629-94-7	62





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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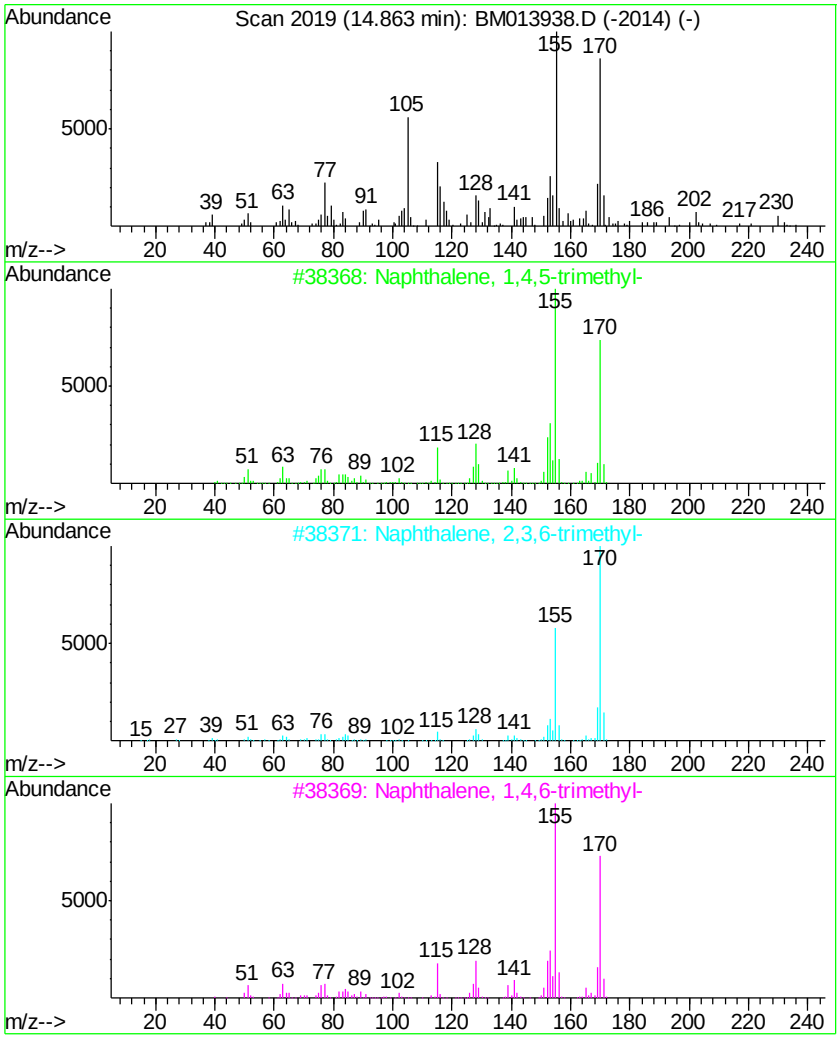
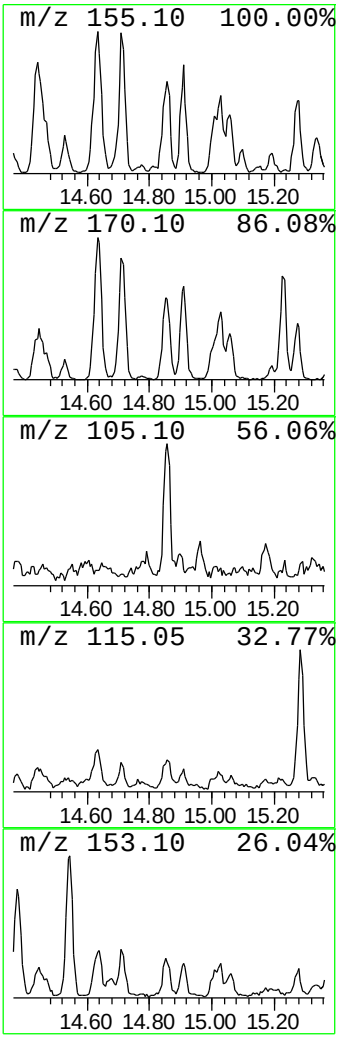
Peak Number 17 Naphthalene, 1,4,5-trimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.81 ng/ul	515312	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90





Library Search Compound Report

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Data File : BM013938.D
Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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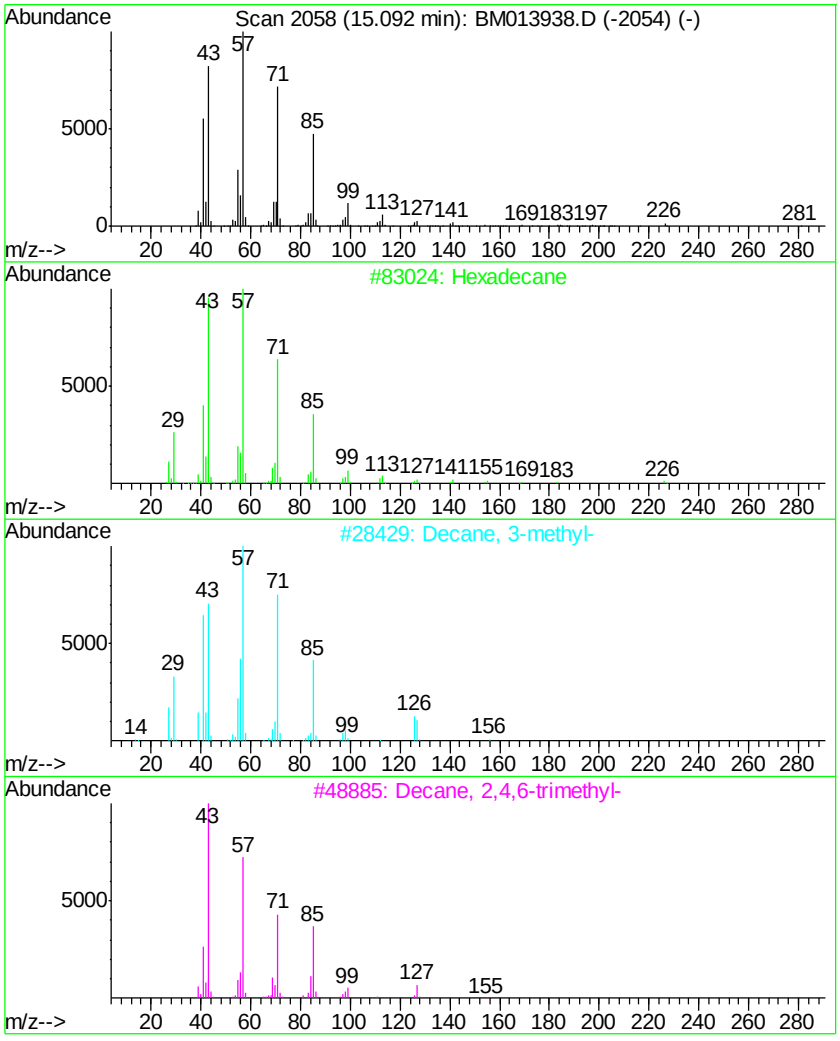
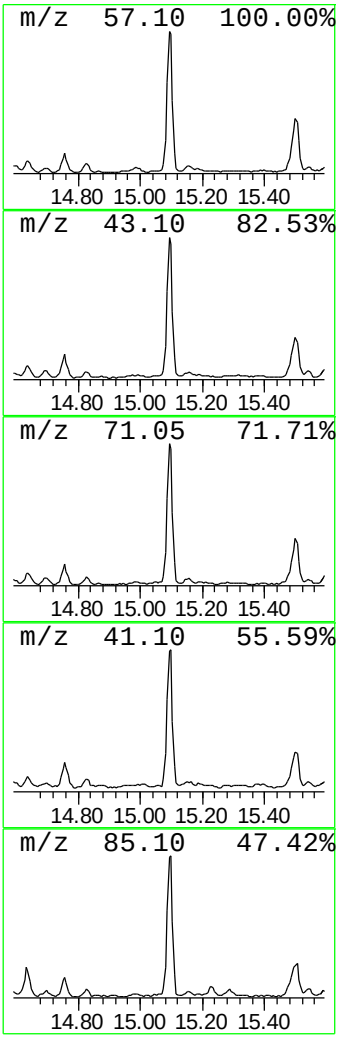
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	17.24 ng/ul	3163650	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Decane, 3-methyl-	156	C11H24	013151-34-3	87
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86





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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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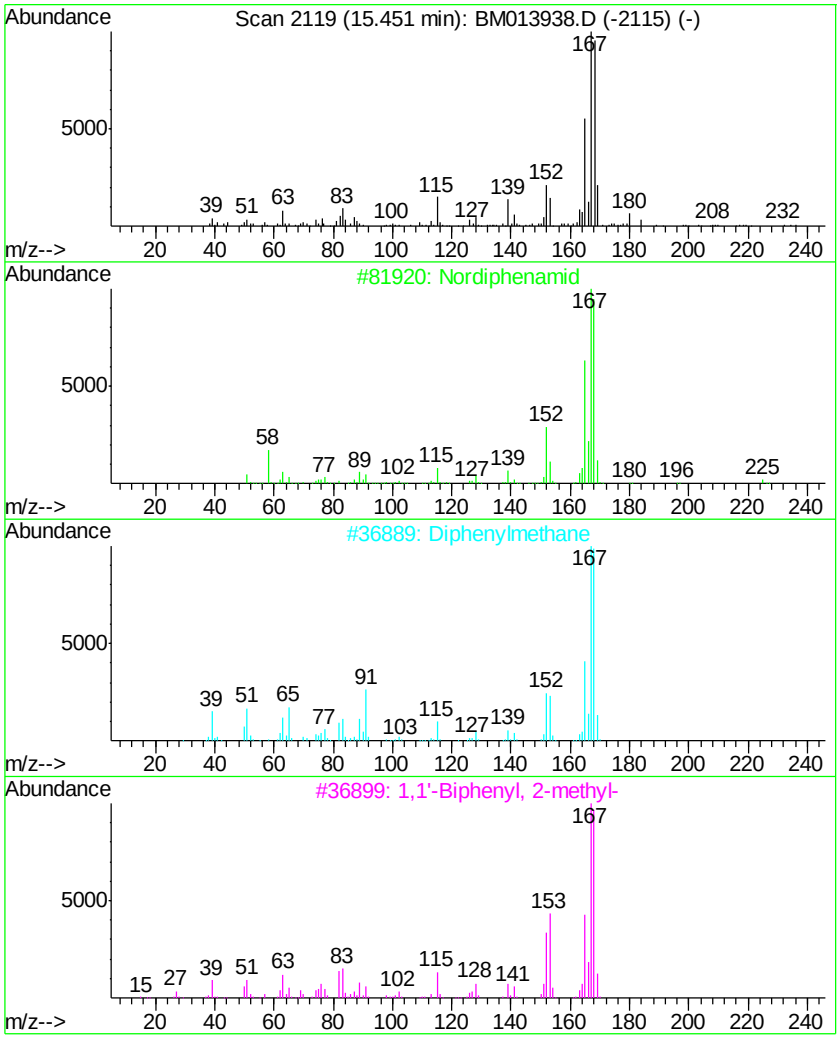
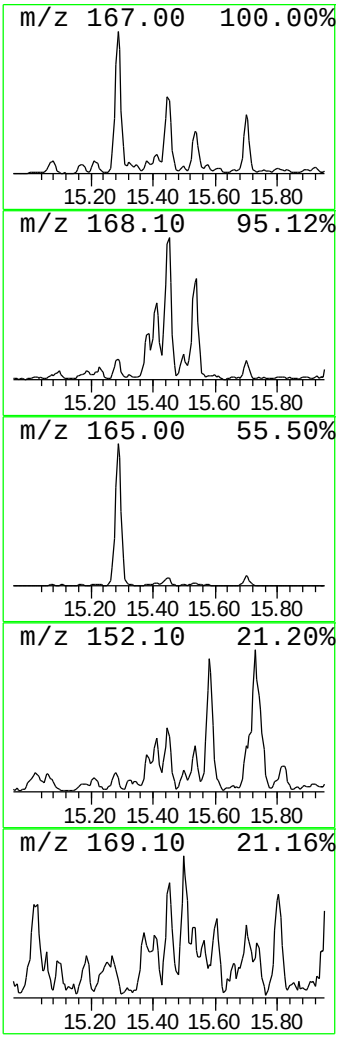
Peak Number 20 Nordiphenamid Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	3.32 ng/ul	609356	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	78
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	62
5	Benzeneacetamide, .alpha.-phenyl-	211	C14H13NO	004695-13-0	59





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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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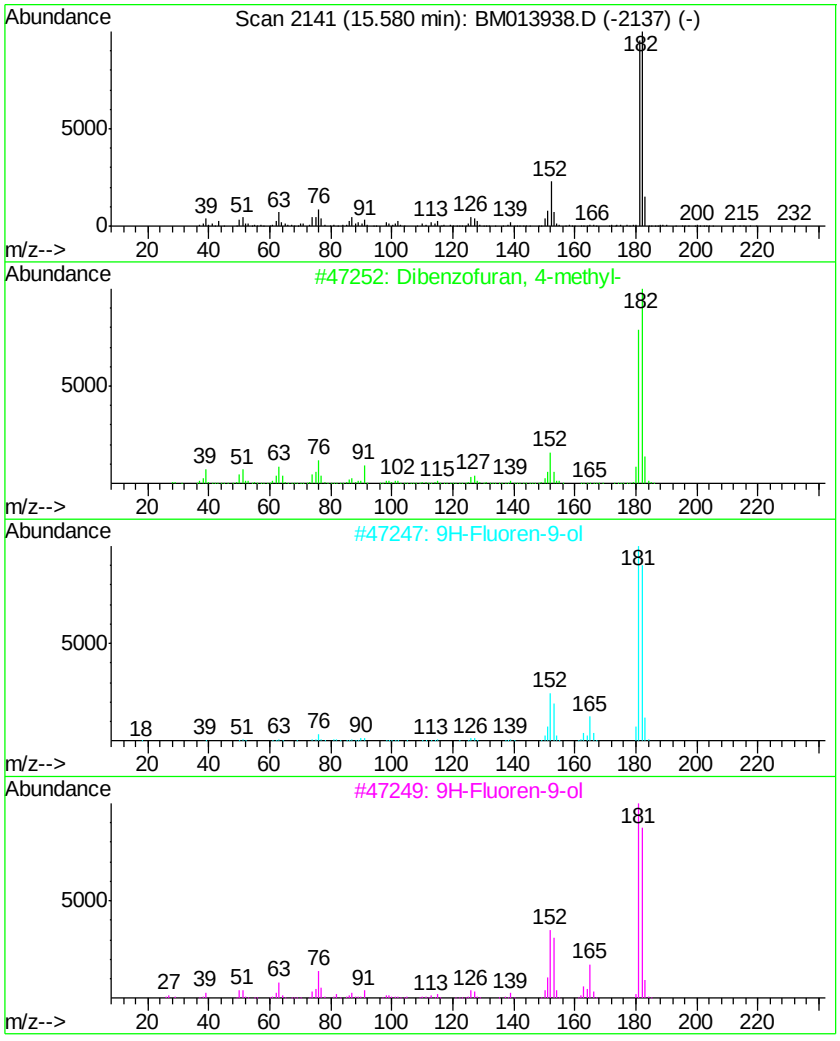
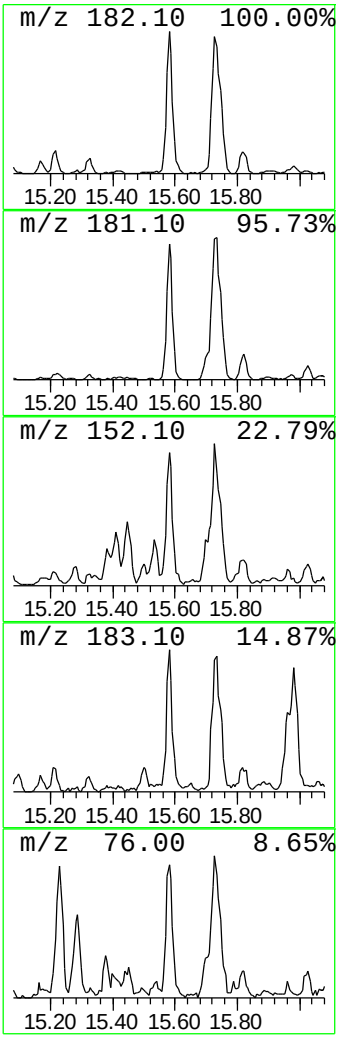
Peak Number 21 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	8.60 ng/ul	1577630	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64





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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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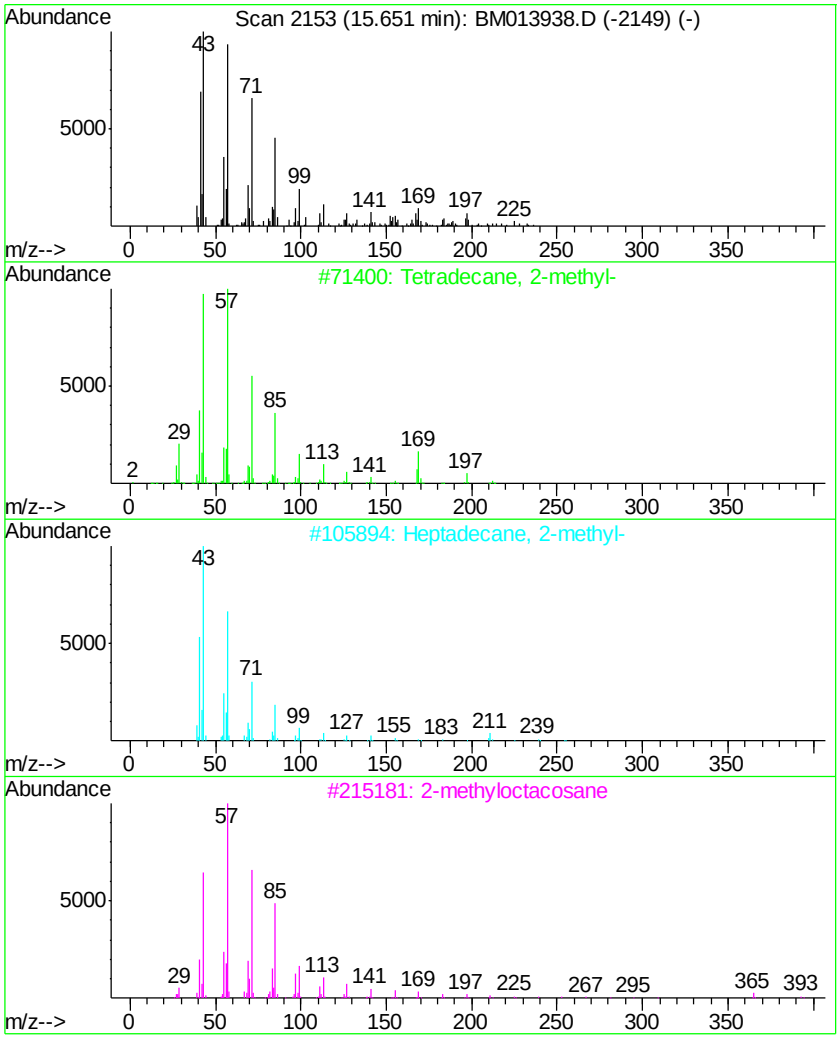
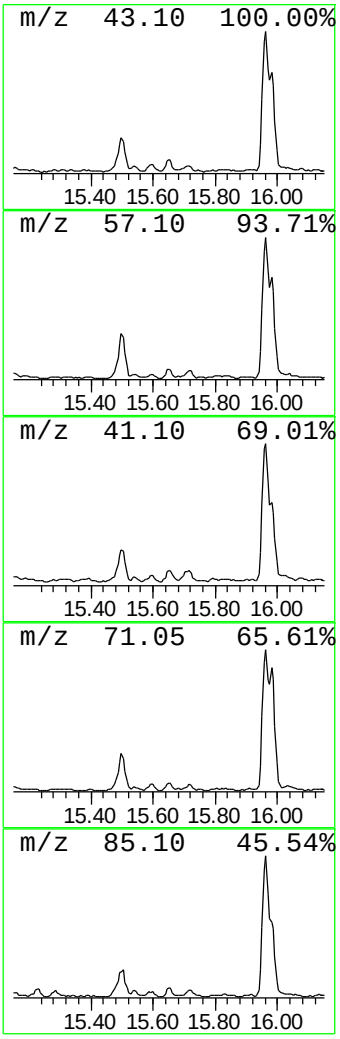
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	4.34 ng/ul	395521	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	91
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	80
4	Heneicosane	296	C21H44	000629-94-7	80
5	Hentriacontane	437	C31H64	000630-04-6	80





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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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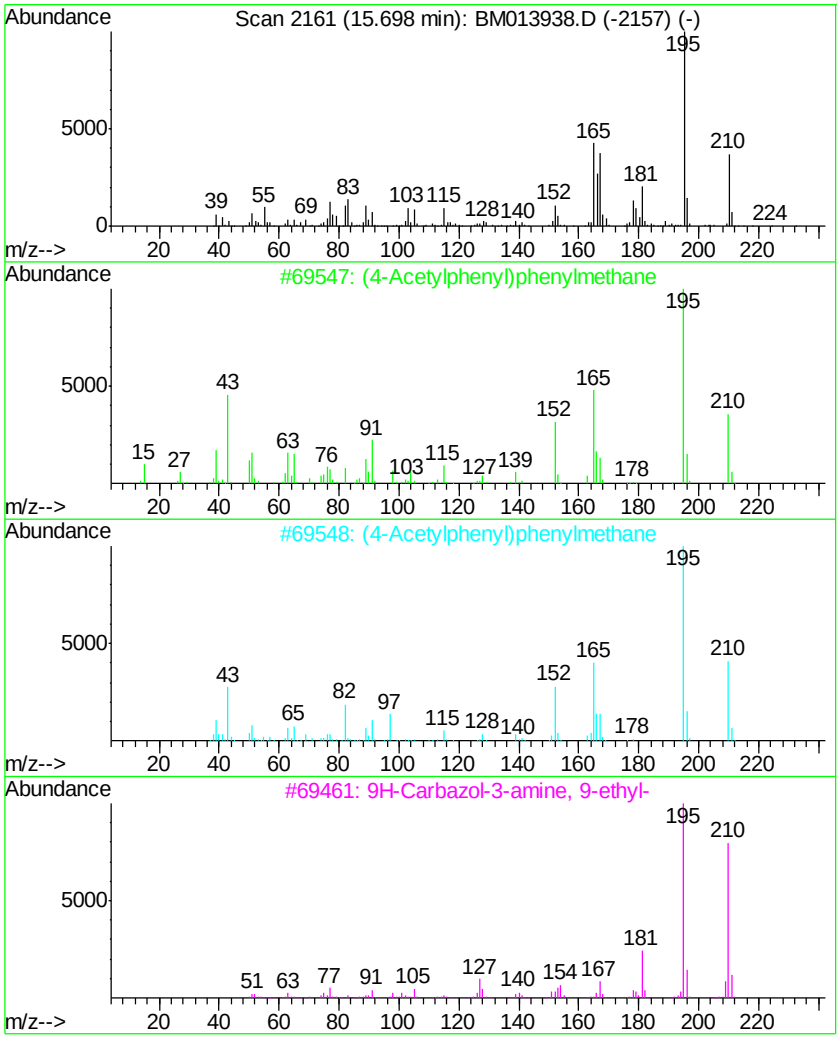
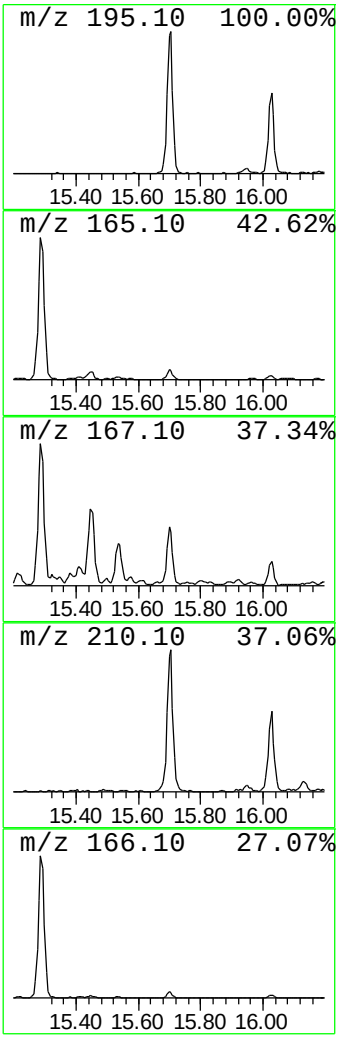
Peak Number 23 (4-Acetylphenyl)phenylmethane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	16.22 ng/ul	1476360	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	64
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	58
3	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	53
4	3-Acridinol	195	C13H9NO	007132-70-9	47
5	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	46





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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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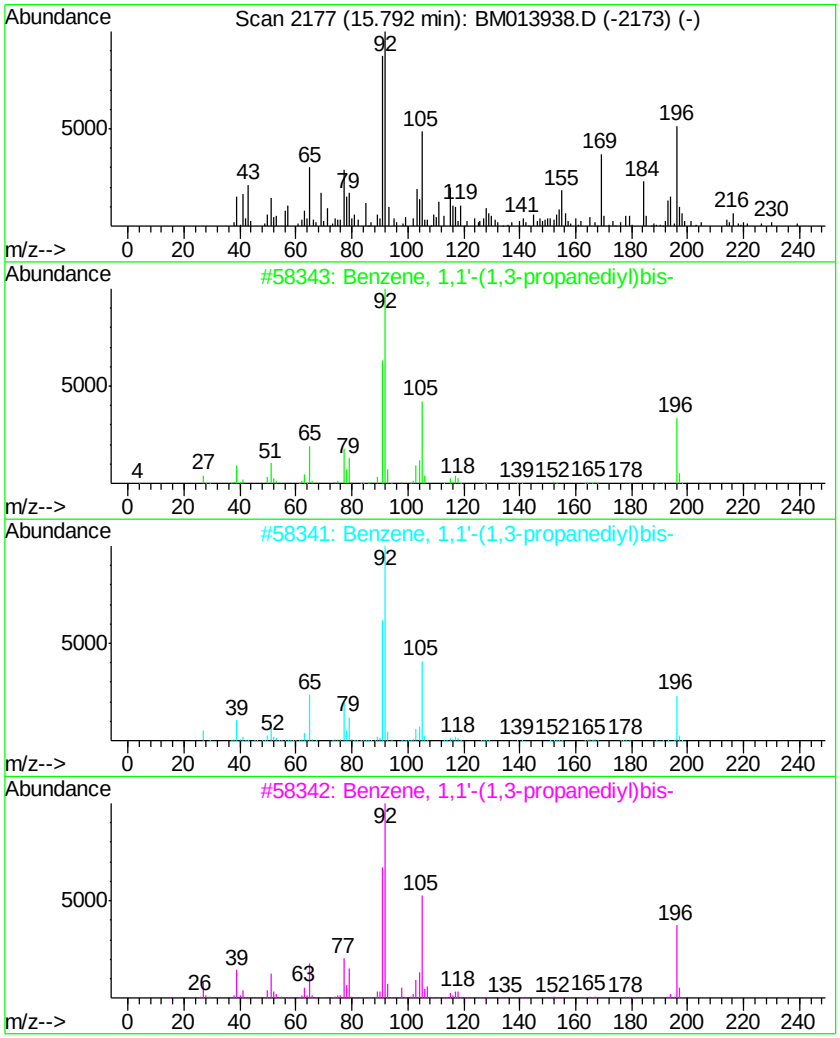
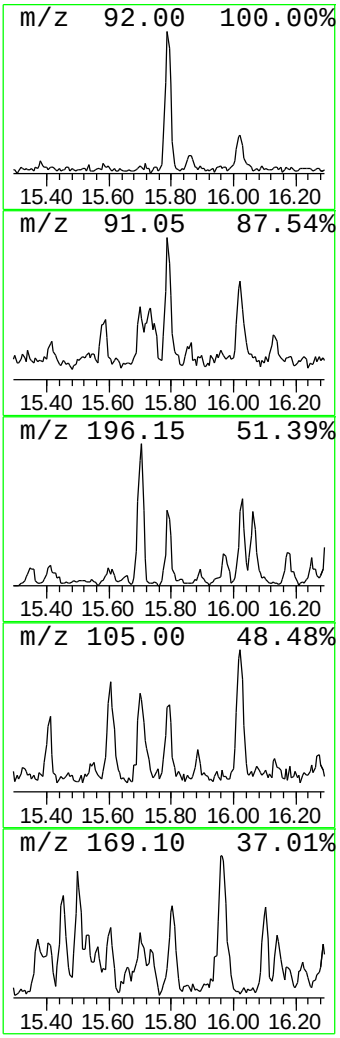
Peak Number 25 Benzene, 1,1'-(1,3-propaned... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	3.84 ng/ul	349735	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0	91
2	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0	60
3	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0	53
4	Benzaldehyde, phenylhydrazone	196	C13H12N2	000588-64-7	52
5	1,3-Spiroheptadiene, dimer	184	C14H16	1000221-91-3	46





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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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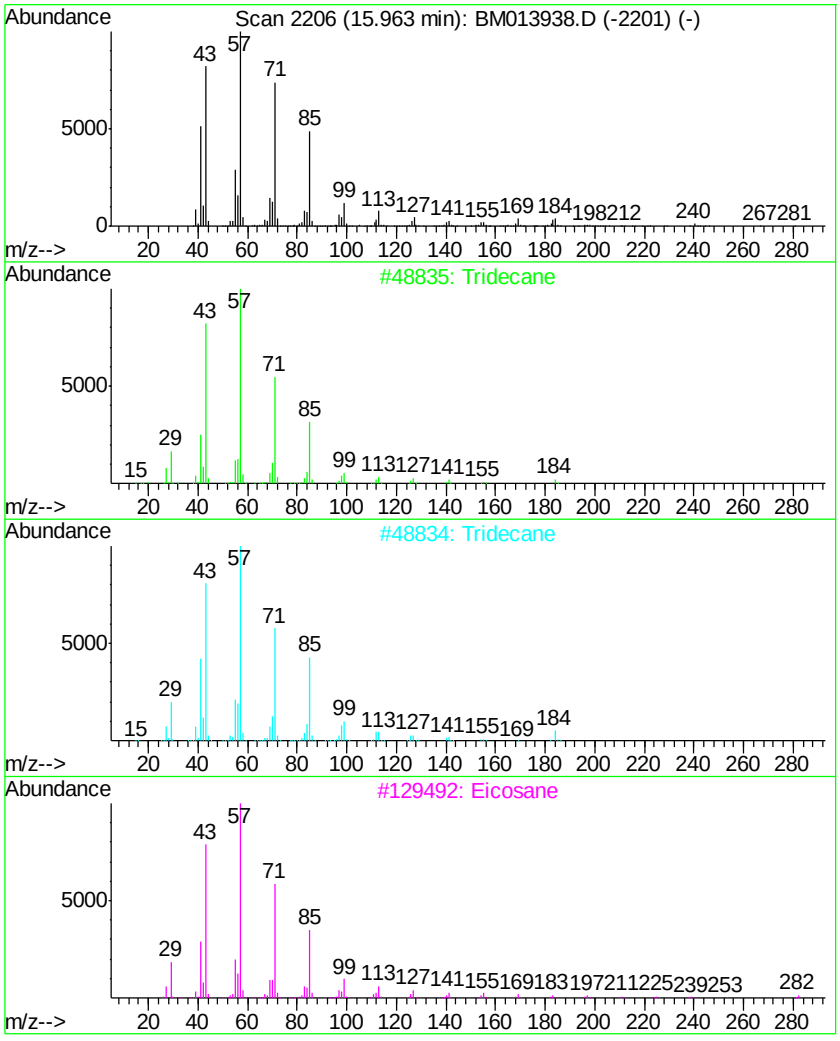
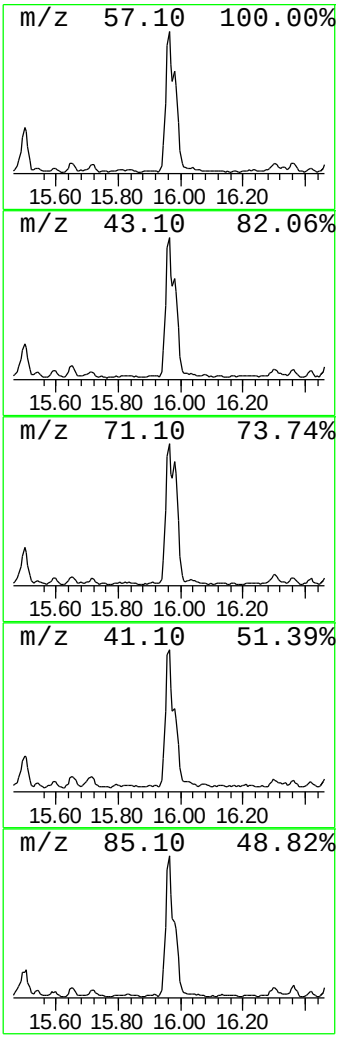
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	49.63 ng/ul	4518200	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tridecane	184	C13H28	000629-50-5	93
3	Eicosane	282	C20H42	000112-95-8	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Heptadecane	240	C17H36	000629-78-7	87





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Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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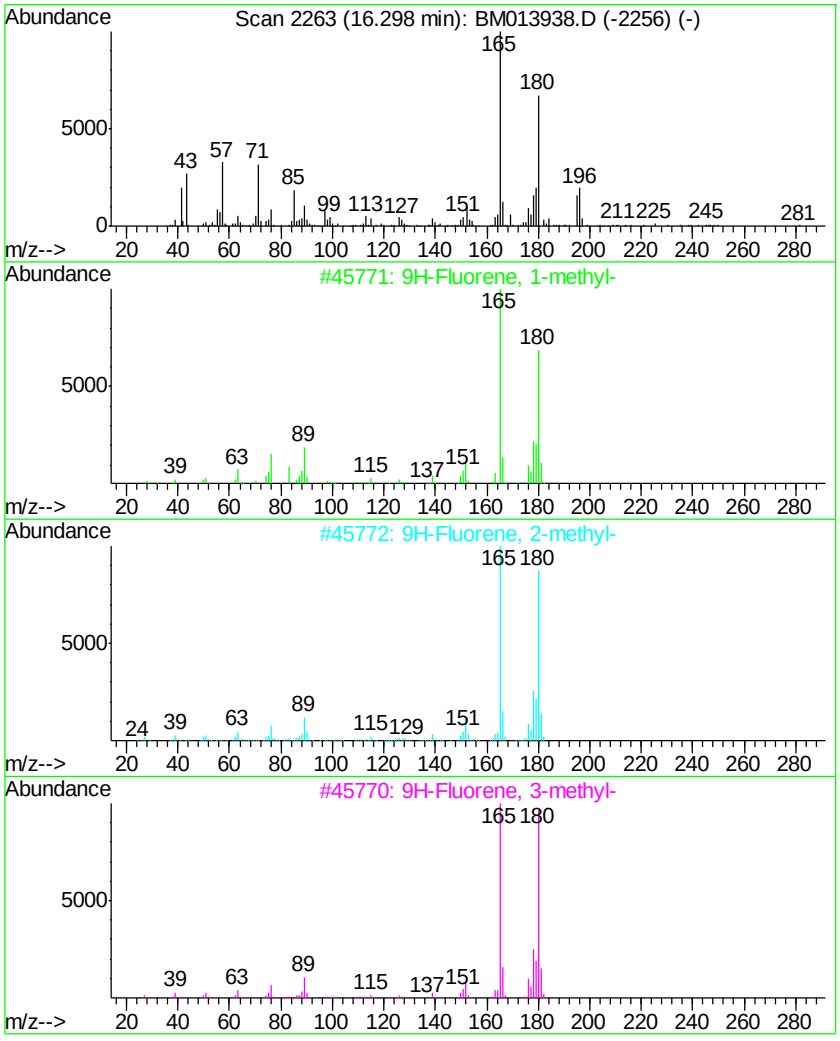
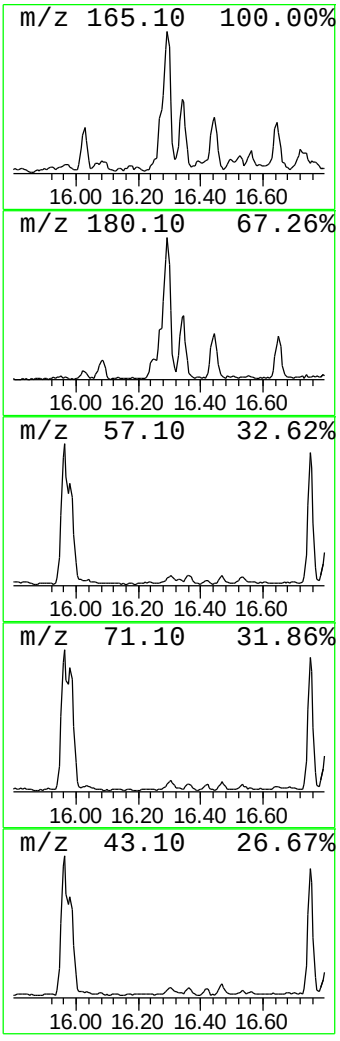
Peak Number 28 9H-Fluorene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	9.37 ng/ul	853163	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90





Library Search Compound Report

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Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

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Quant Title : SVOA CALIBRATION

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

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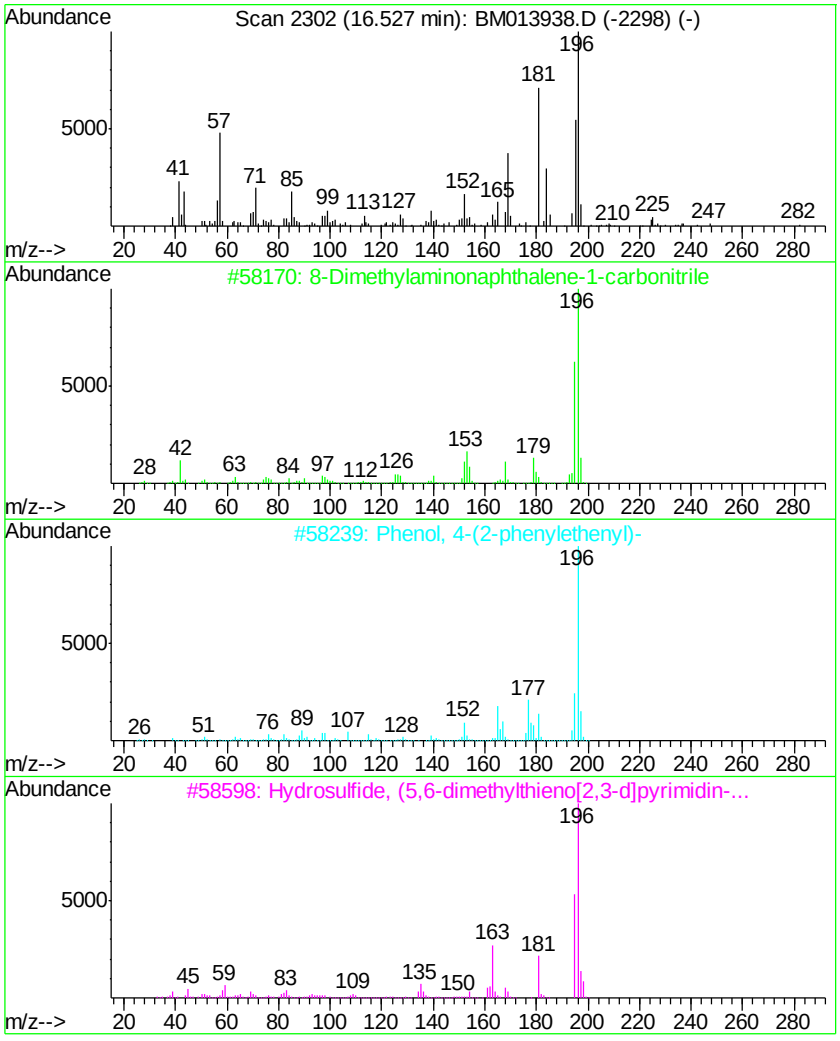
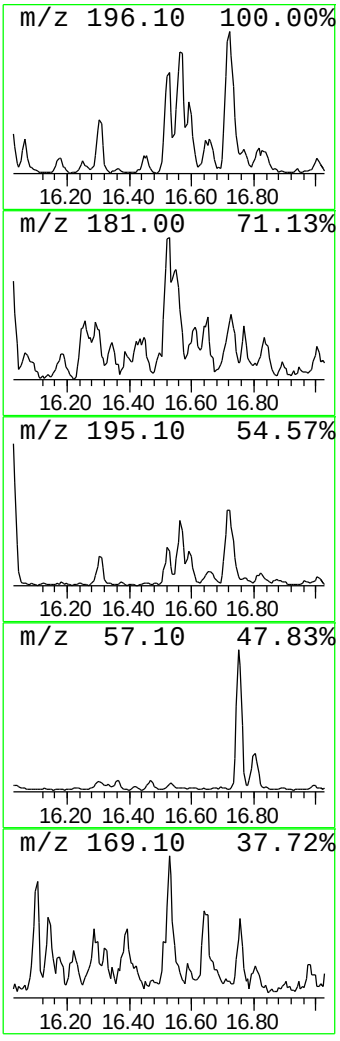
Peak Number 29 8-Dimethylaminonaphthalene-... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	3.91 ng/ul	356321	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	53
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	46
3	Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	46
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	46
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	43





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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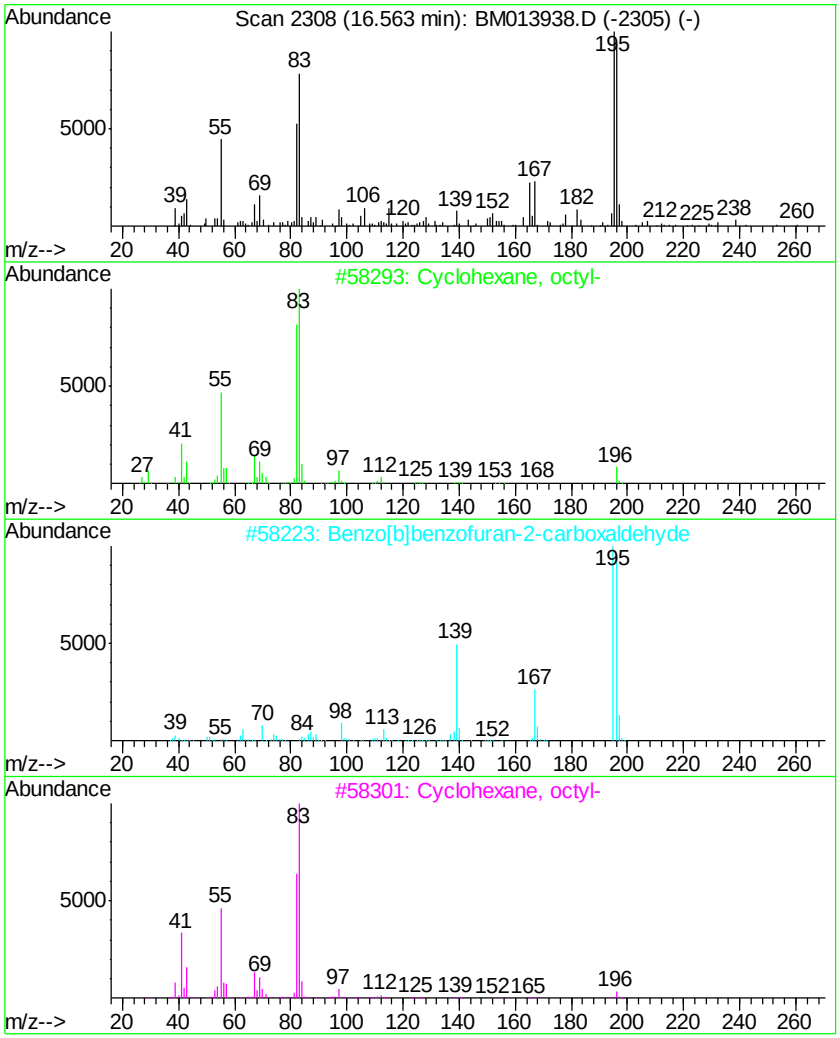
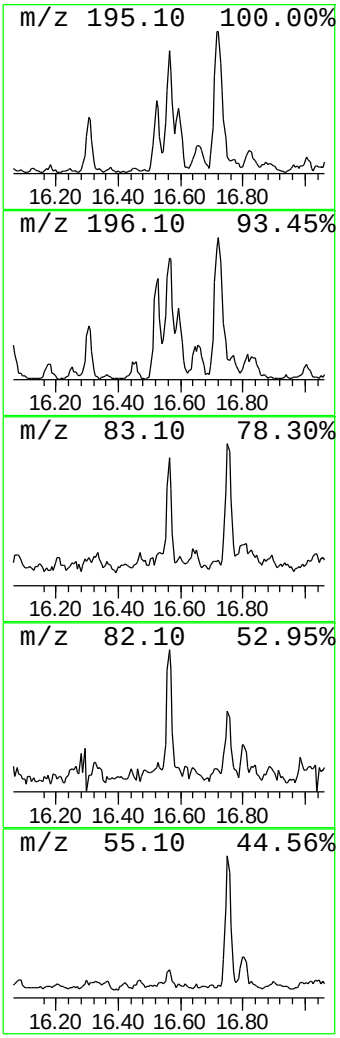
Peak Number 30 (DEL) Alkane: Cyclic16.56 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	4.15 ng/ul	378181	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
2	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	49
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	46
4	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	46
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	30





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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

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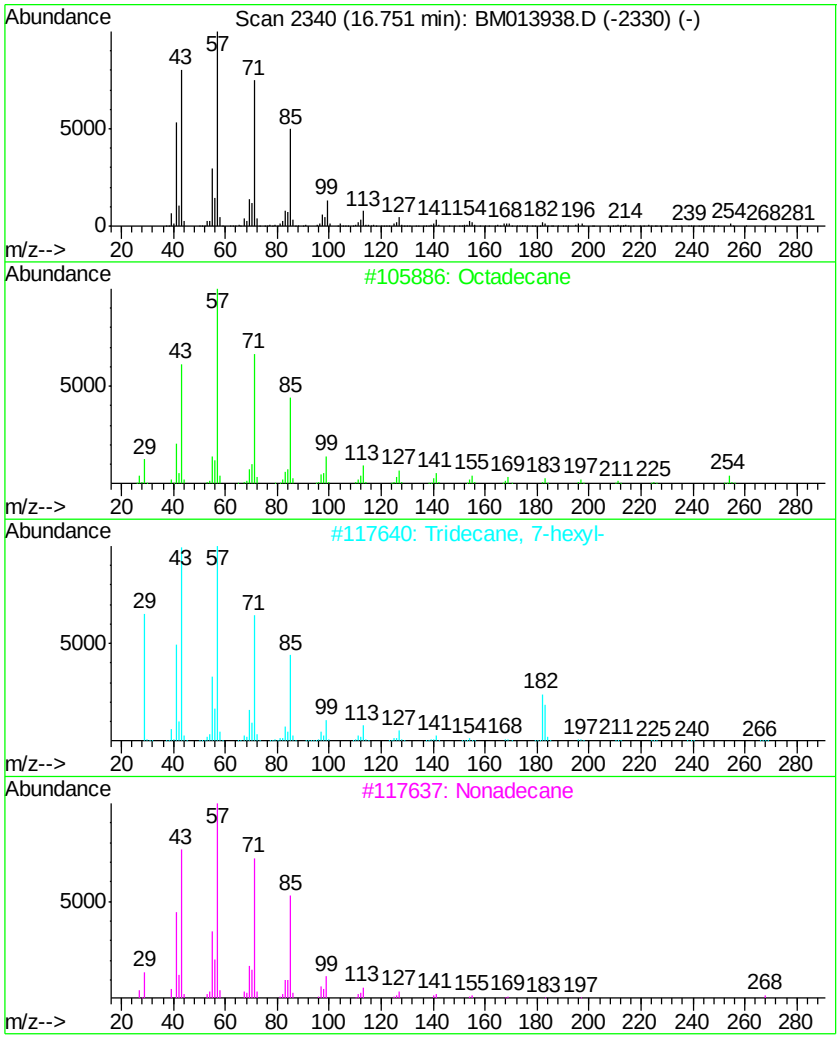
Quant Title : SVOA CALIBRATION

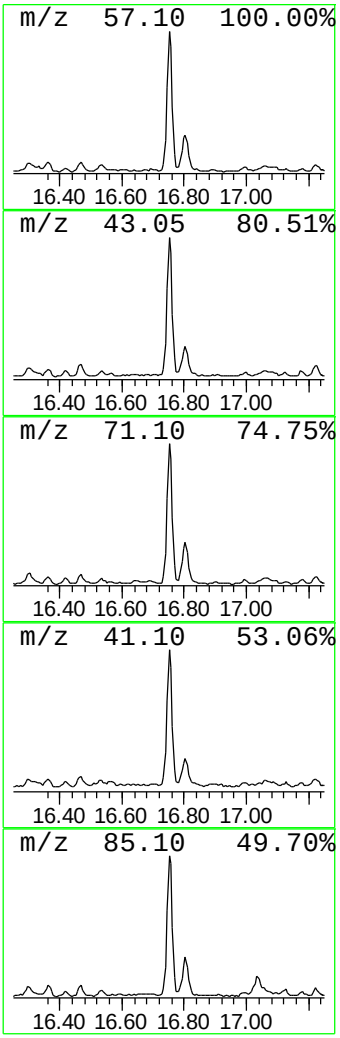
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	47.18 ng/ul	4294940	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	96
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91





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Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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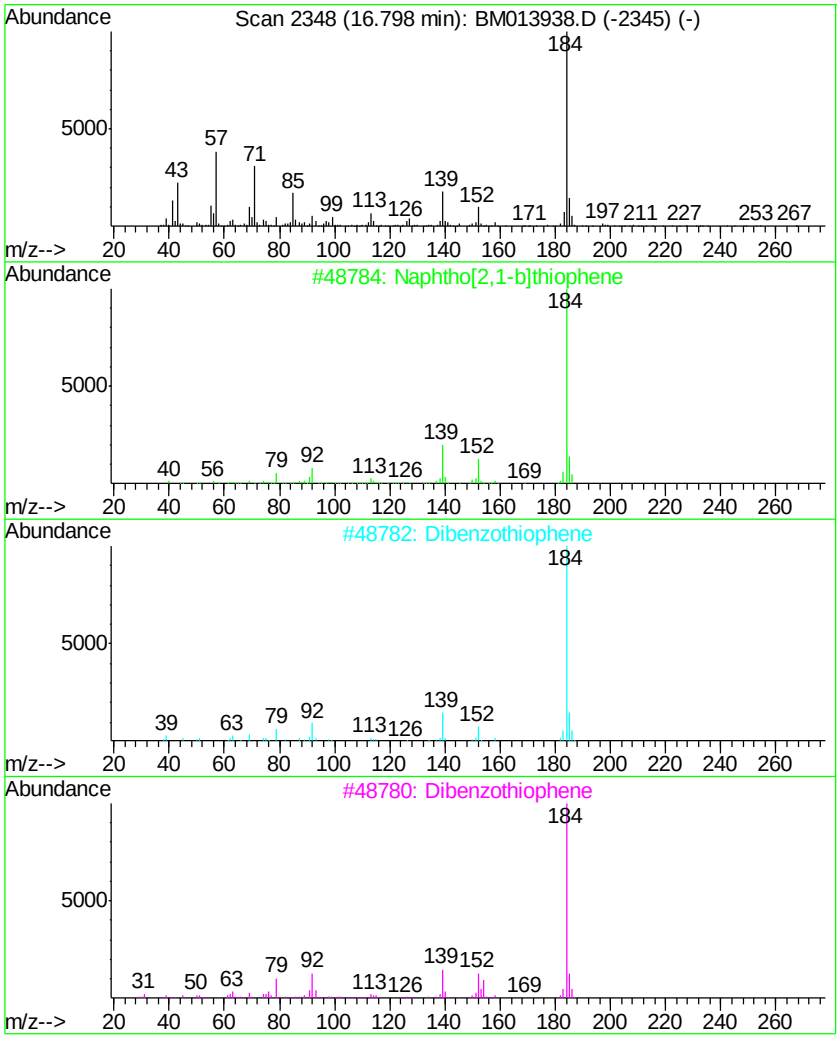
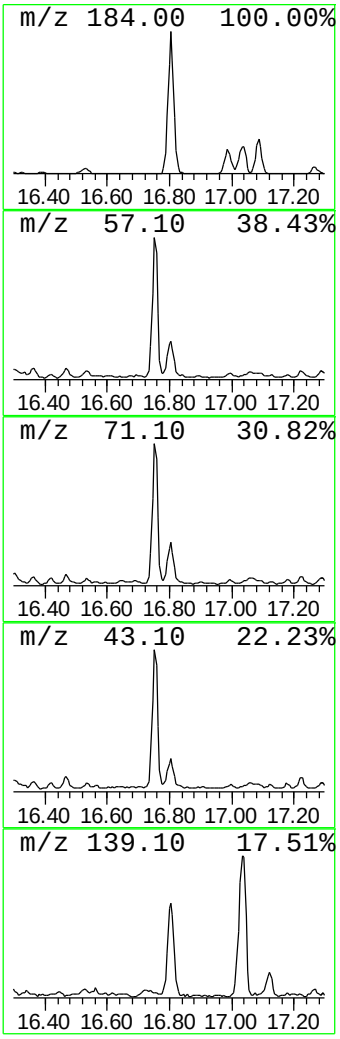
Peak Number 32 Naphtho[2,1-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	27.46 ng/ul	2499730	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
2	Dibenzothiophene	184	C12H8S	000132-65-0	90
3	Dibenzothiophene	184	C12H8S	000132-65-0	89
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	89
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	81





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ALS Vial : 20 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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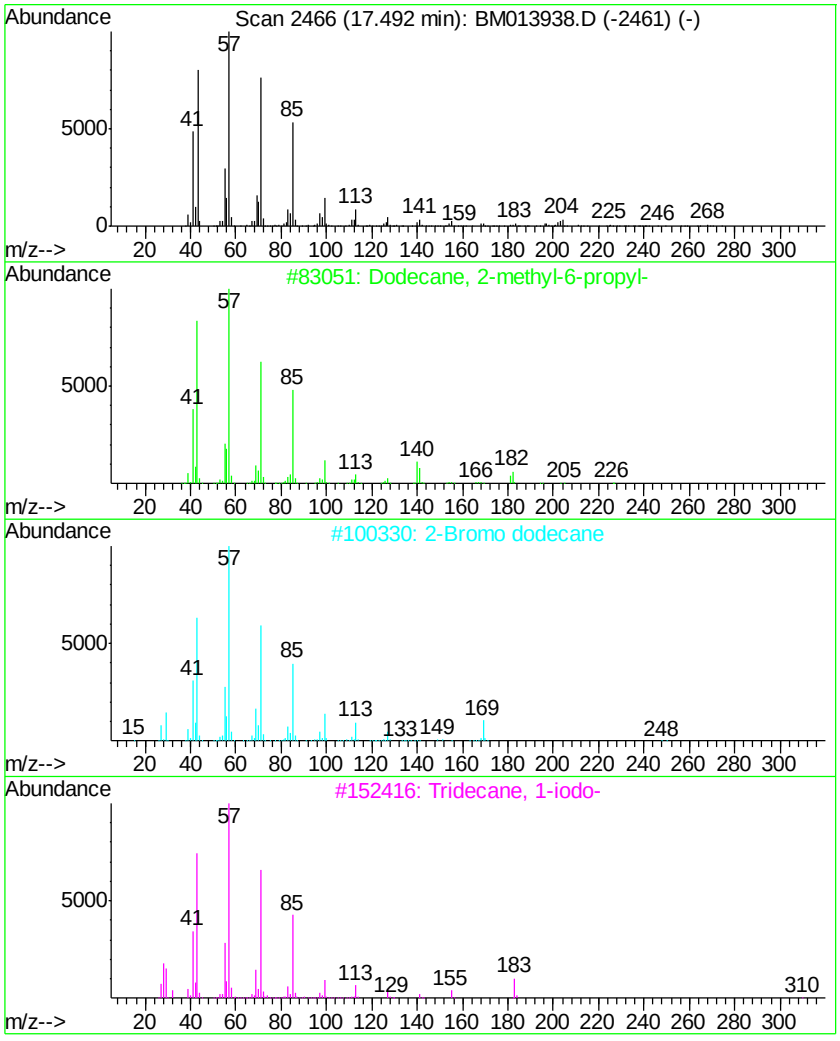
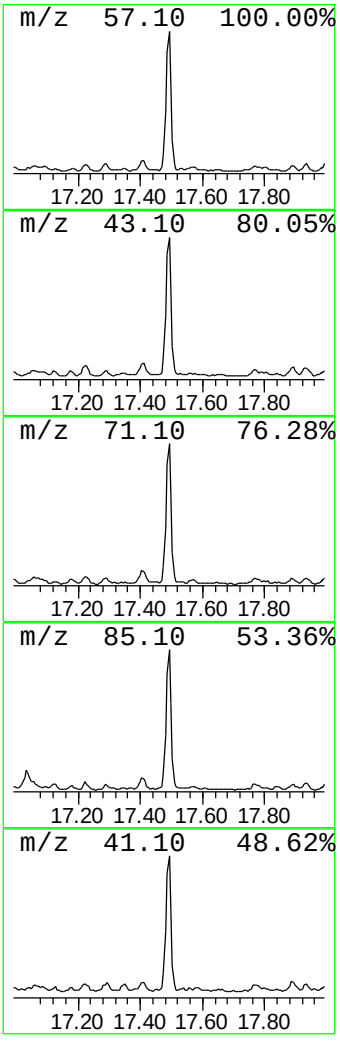
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	39.53 ng/ul	3599060	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86





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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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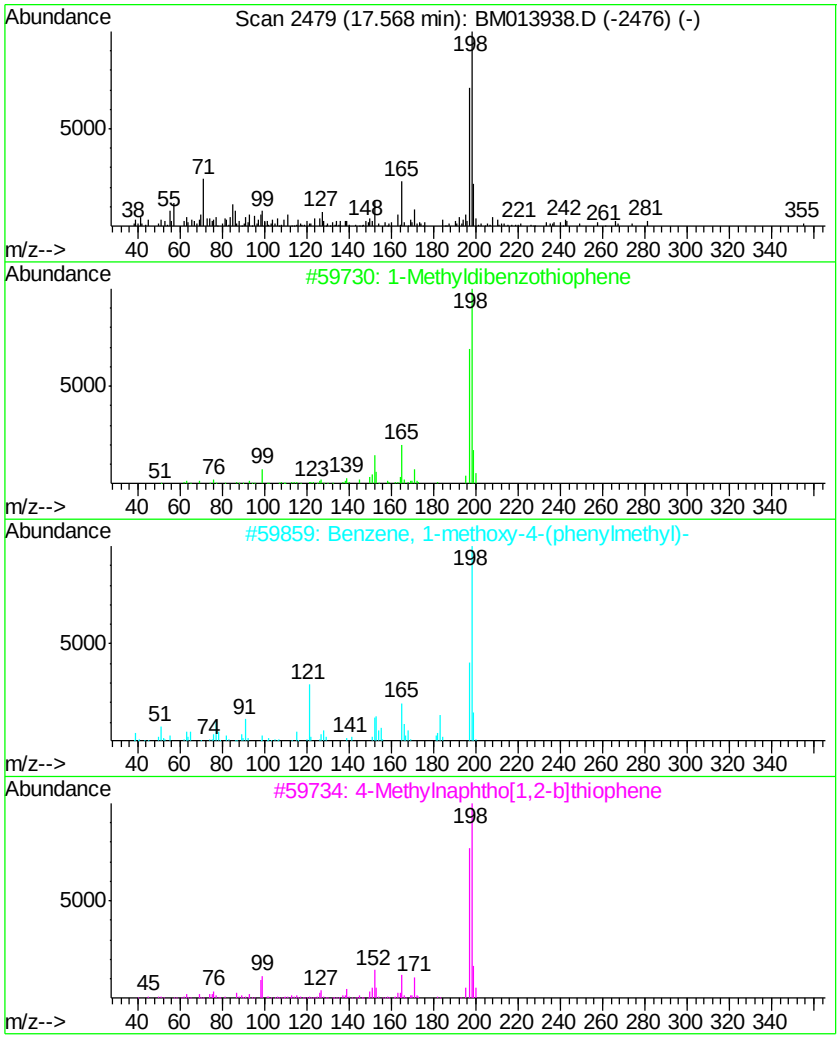
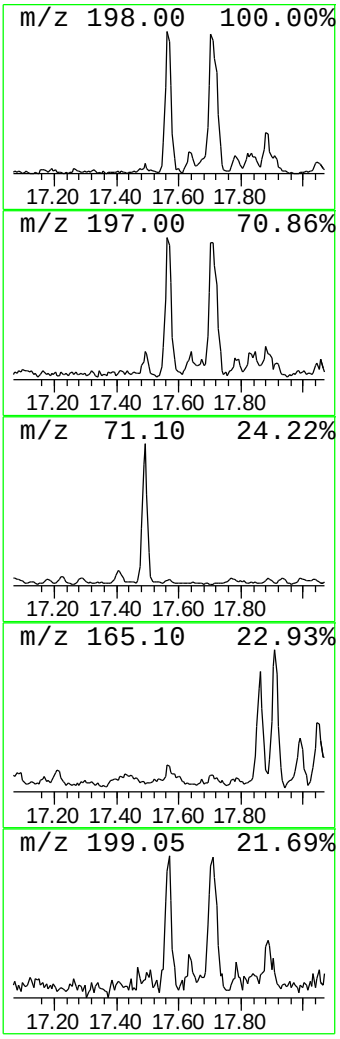
Peak Number 36 1-Methyldibenzothiophene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	5.25 ng/ul	478423	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	90
2	Benzene, 1-methoxy-4-(phenylmeth...	198	C14H14O	000834-14-0	64
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	62
4	Thioxanthene	198	C13H10S	000261-31-4	60
5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	58





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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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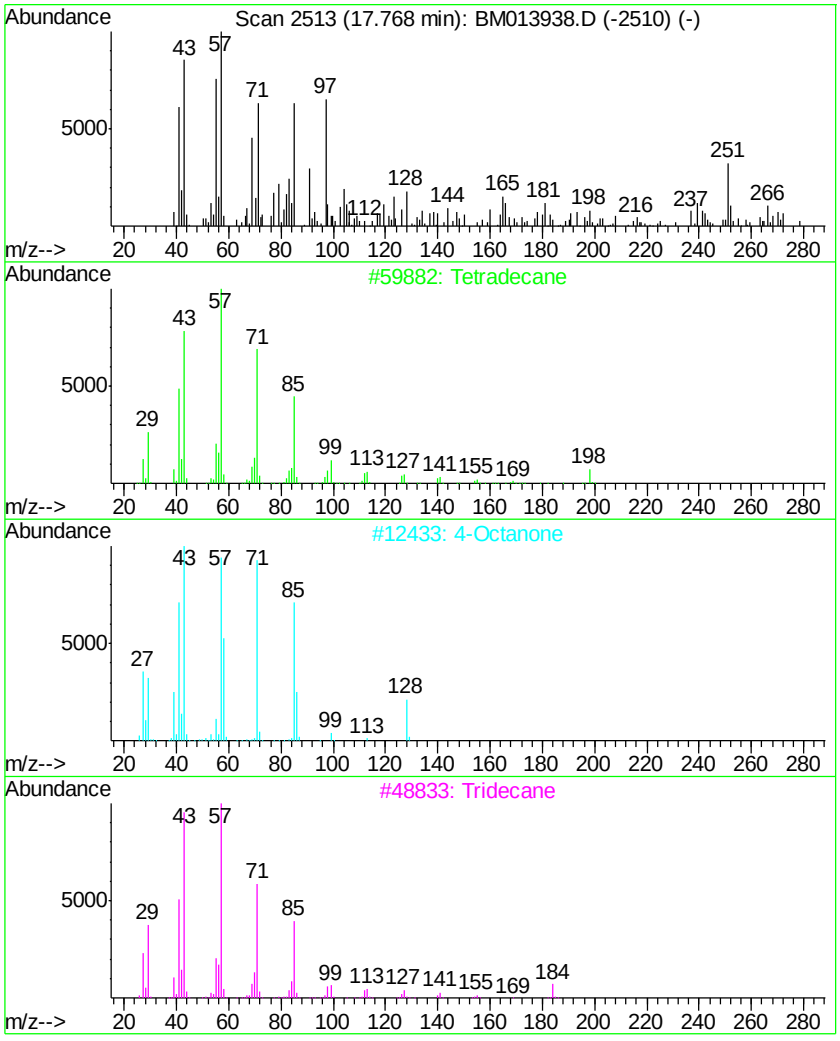
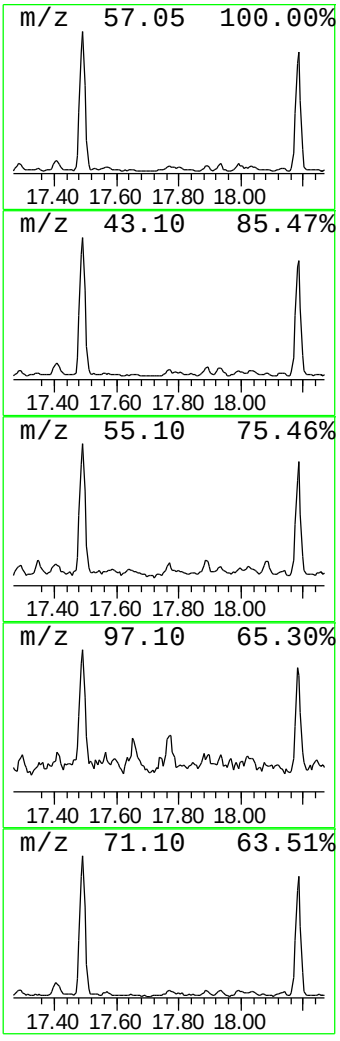
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	3.75 ng/ul	340957	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	38
2	4-Octanone	128	C8H16O	000589-63-9	30
3	Tridecane	184	C13H28	000629-50-5	30
4	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	30
5	Tetradecane	198	C14H30	000629-59-4	30





Library Search Compound Report

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Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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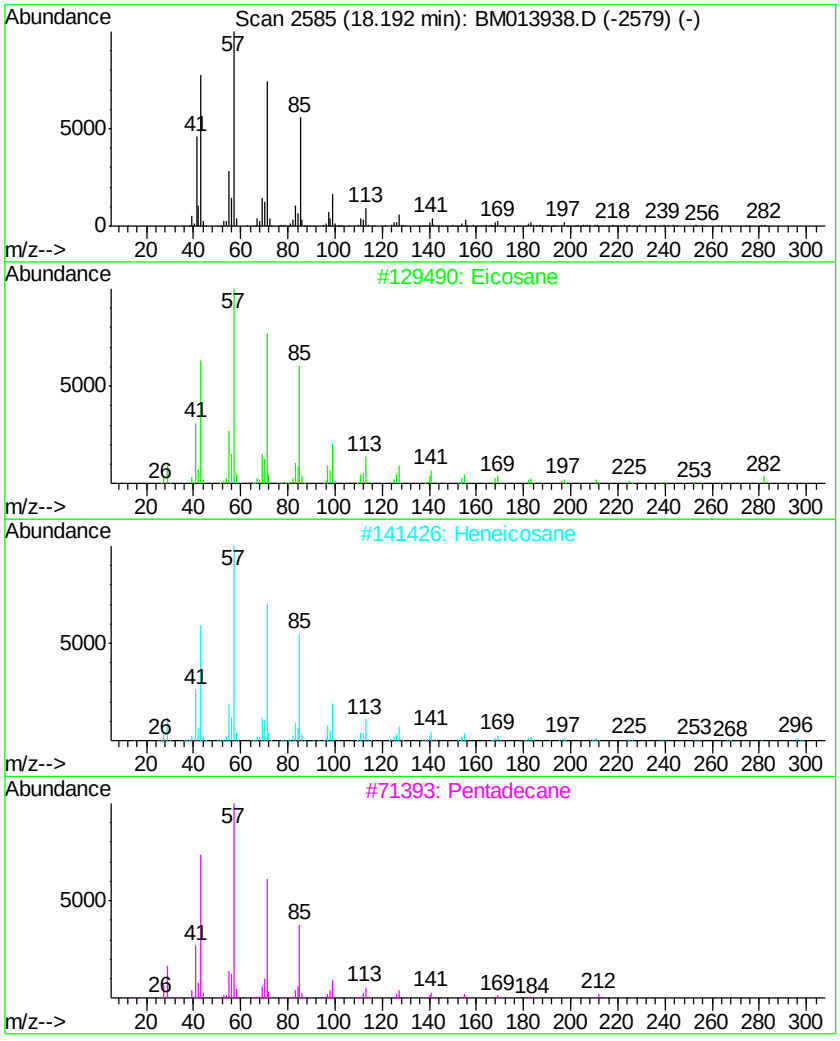
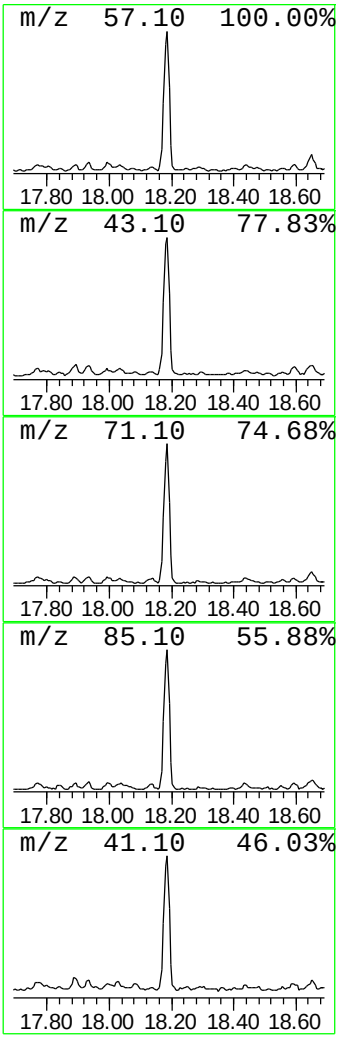
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	31.81 ng/ul	2895650	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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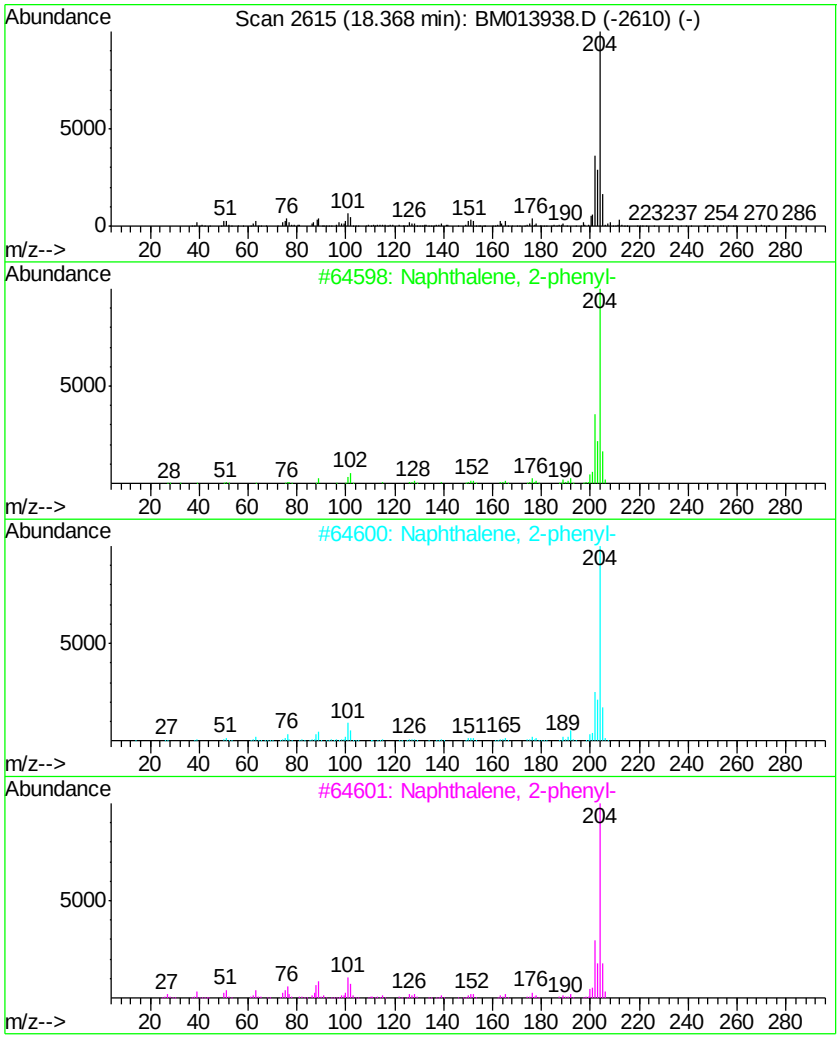
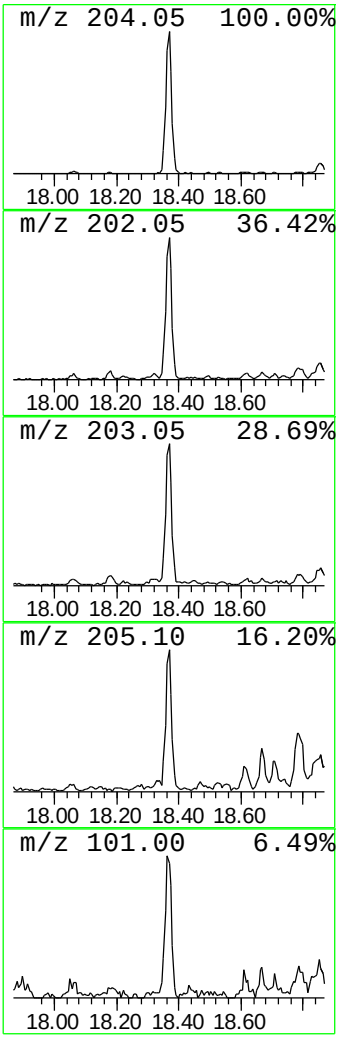
Peak Number 44 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	11.74 ng/ul	1068860	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74





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Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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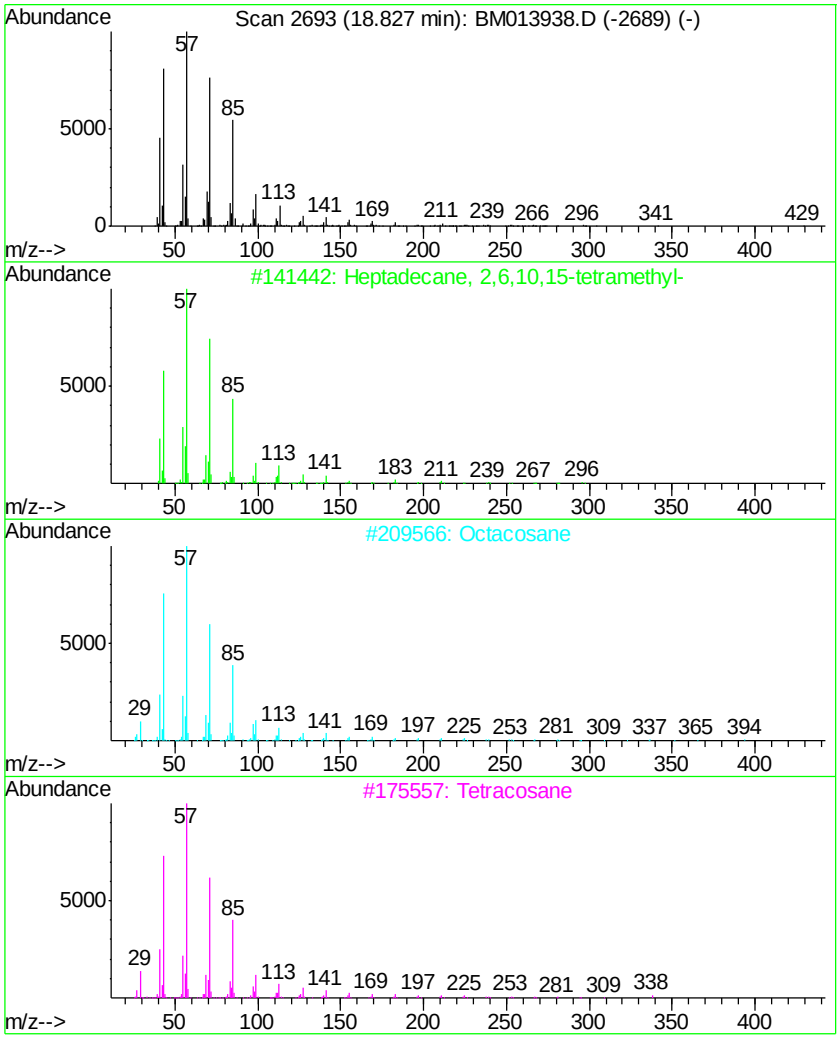
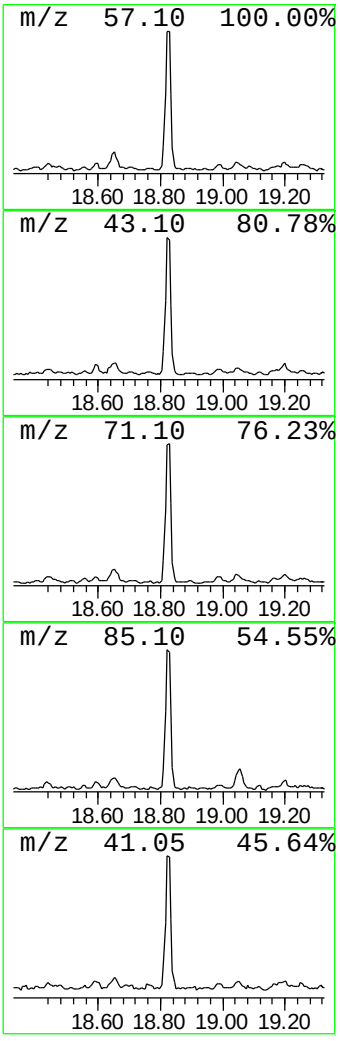
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	28.71 ng/ul	2613950	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Eicosane	282	C20H42	000112-95-8	91





Library Search Compound Report

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Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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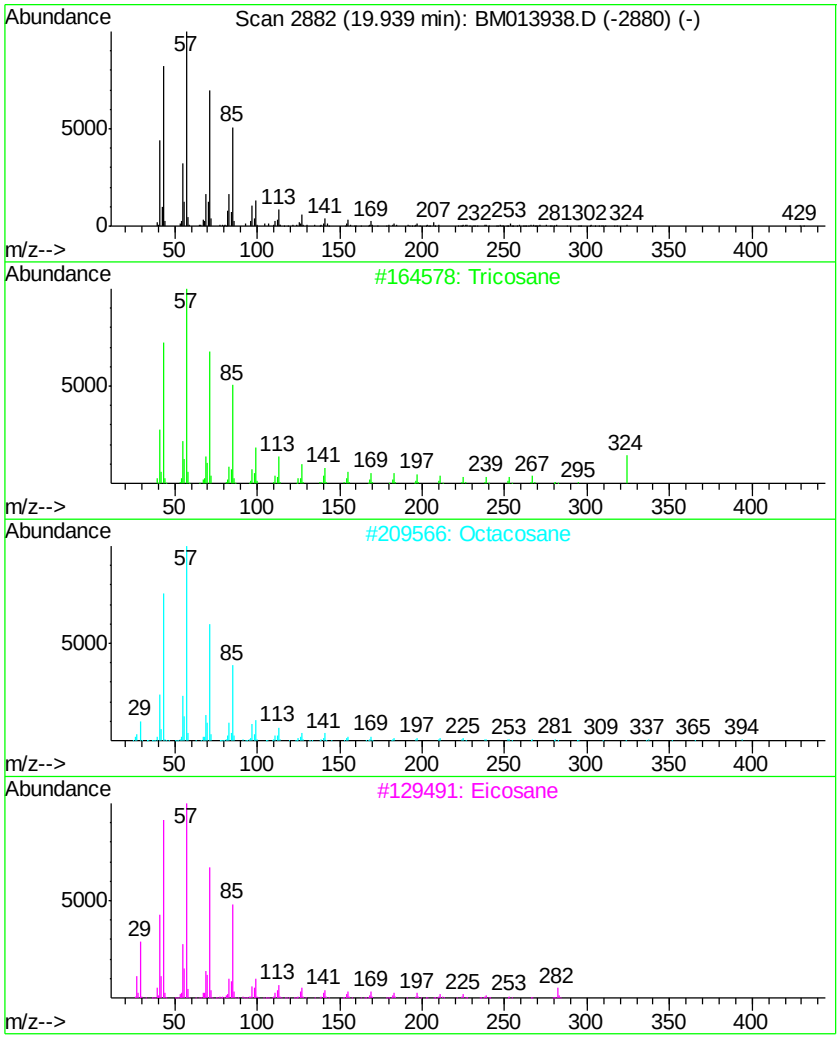
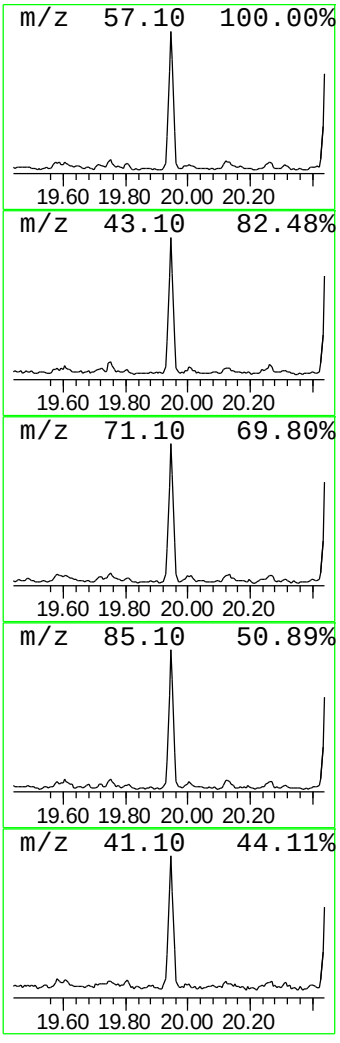
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	9.10 ng/ul	1904350	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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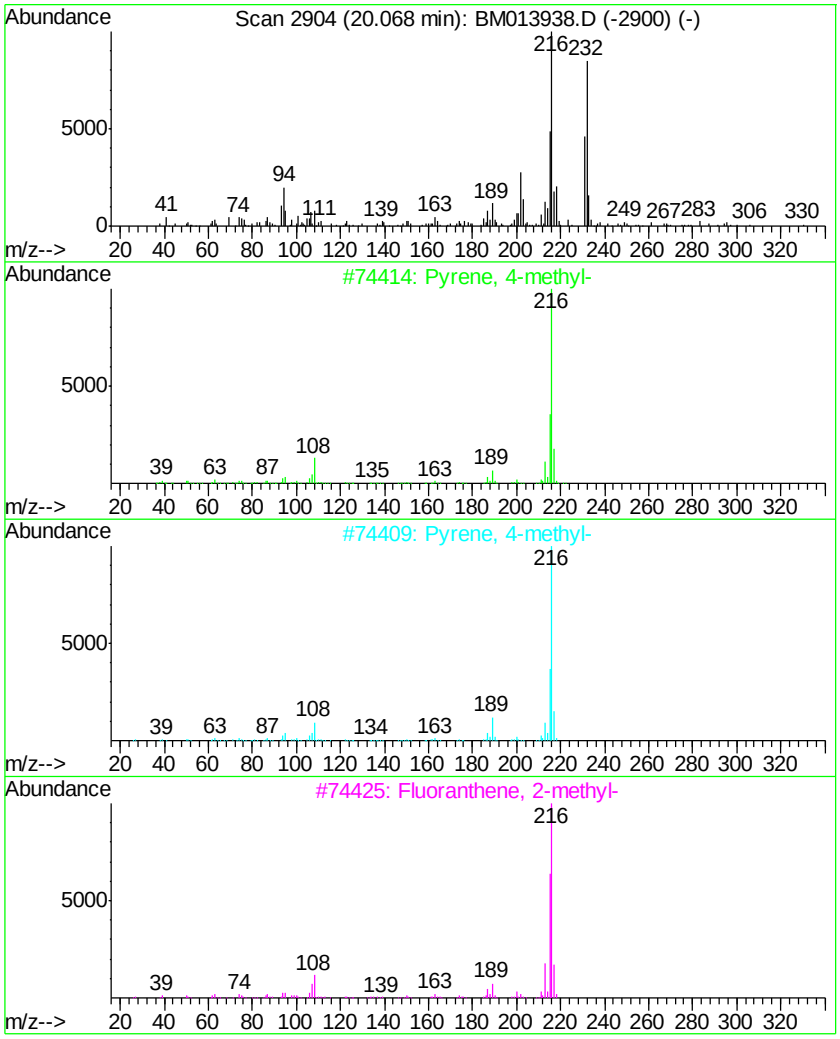
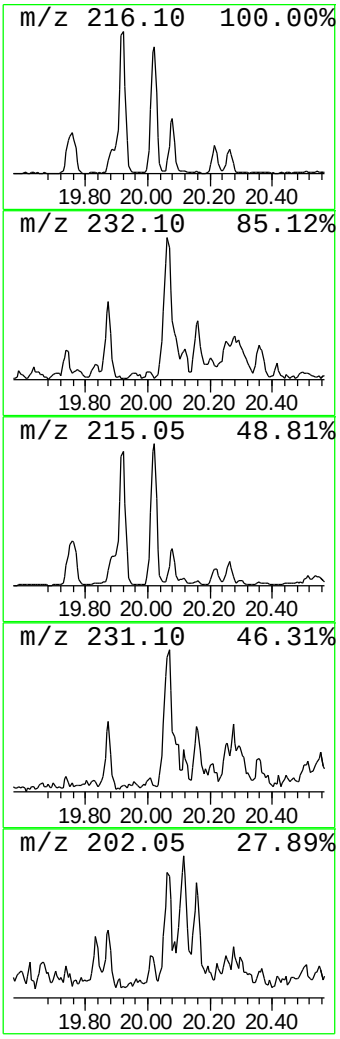
Peak Number 53 Pyrene, 4-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	2.48 ng/ul	518645	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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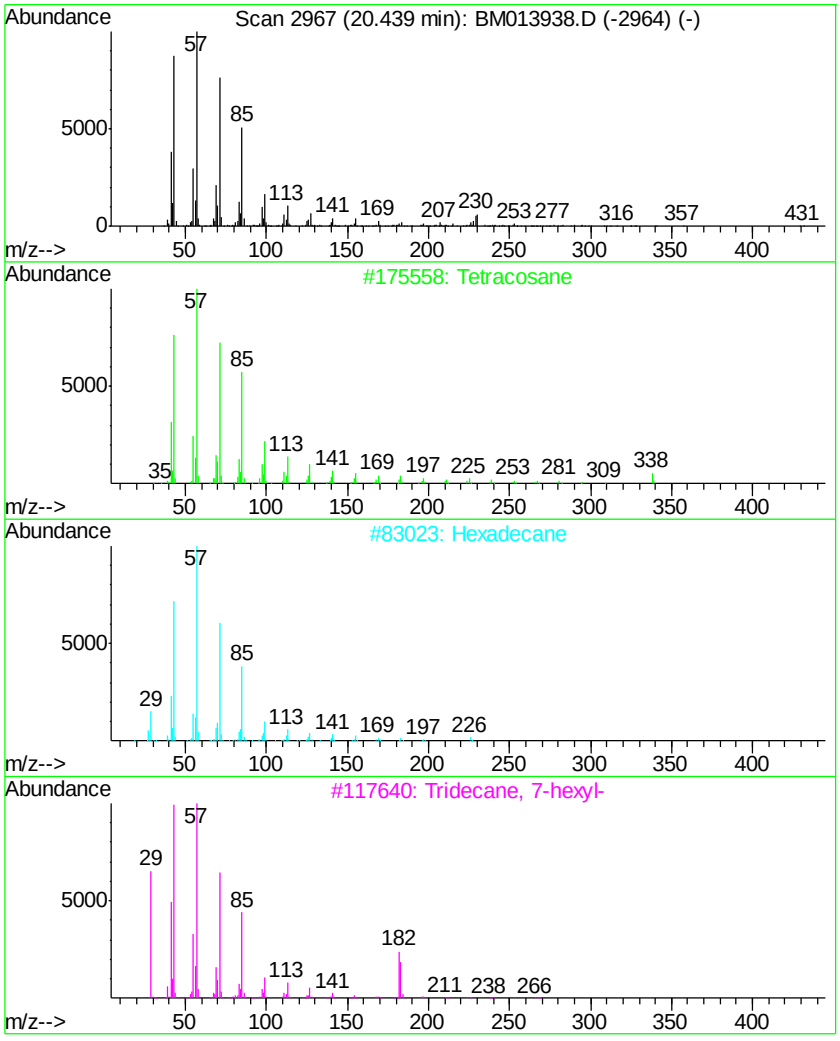
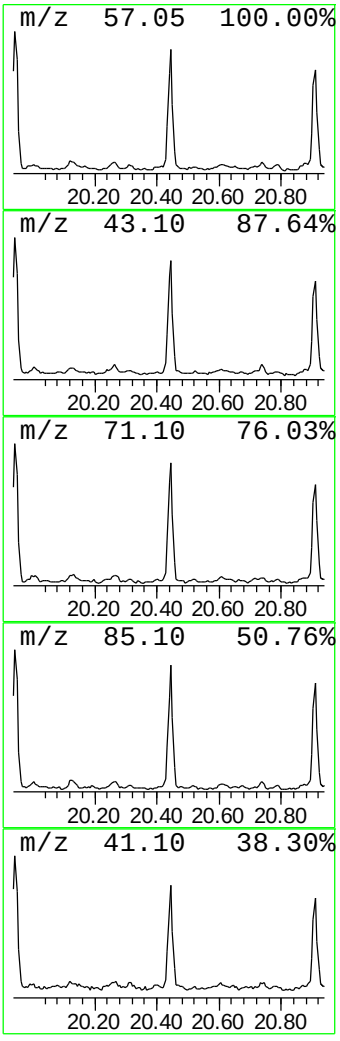
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	7.65 ng/ul	1600800	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Hexadecane	226	C16H34	000544-76-3	95
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	92
4	Hexadecane	226	C16H34	000544-76-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Library Search Compound Report

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Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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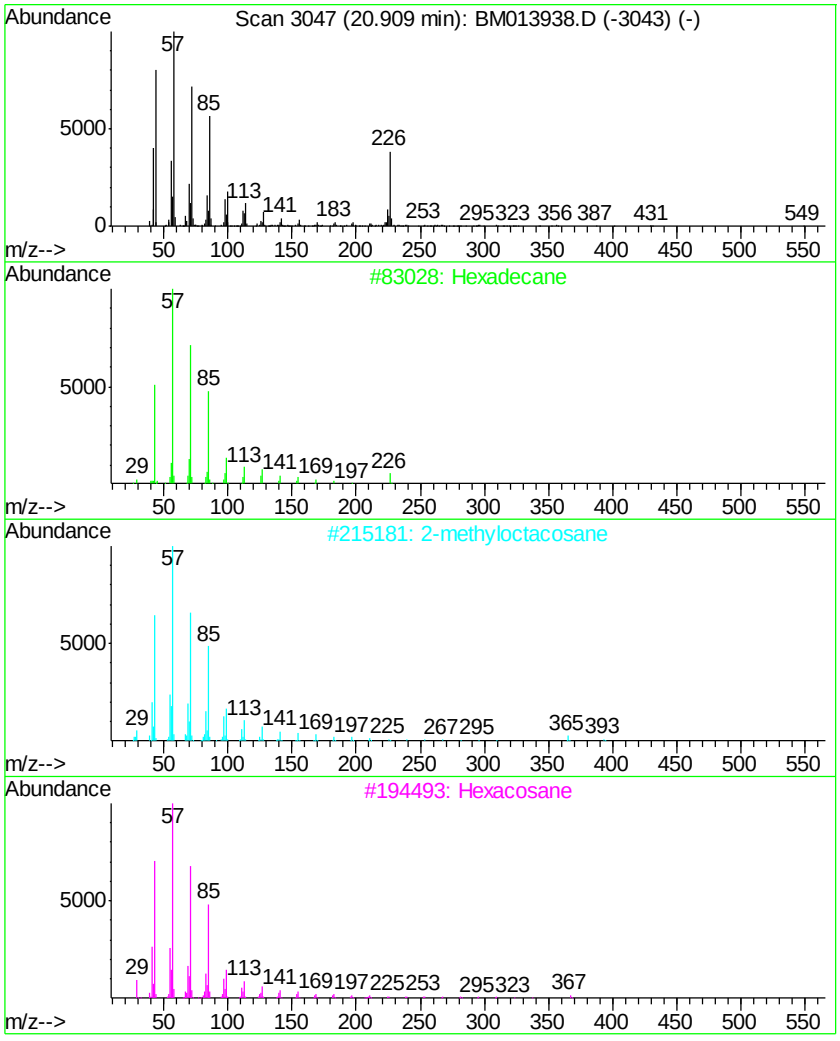
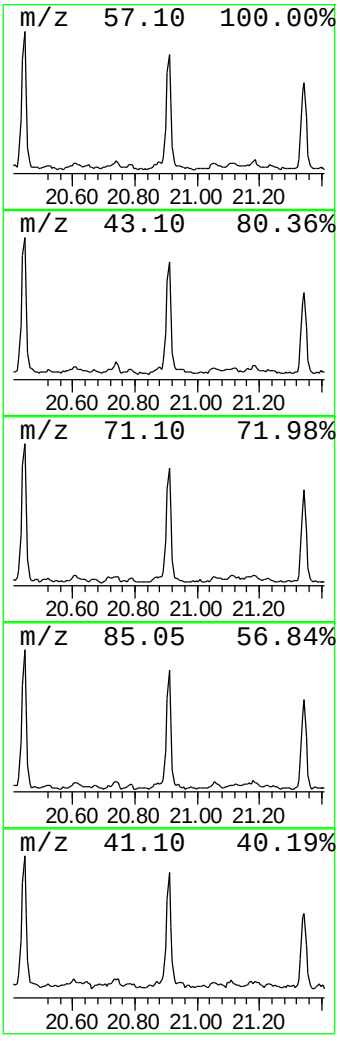
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	7.15 ng/ul	1494900	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	2-methyloctacosane	408	C29H60	1000376-72-8	70
3	Hexacosane	366	C26H54	000630-01-3	70
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	70
5	Heneicosane	296	C21H44	000629-94-7	70





Library Search Compound Report

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Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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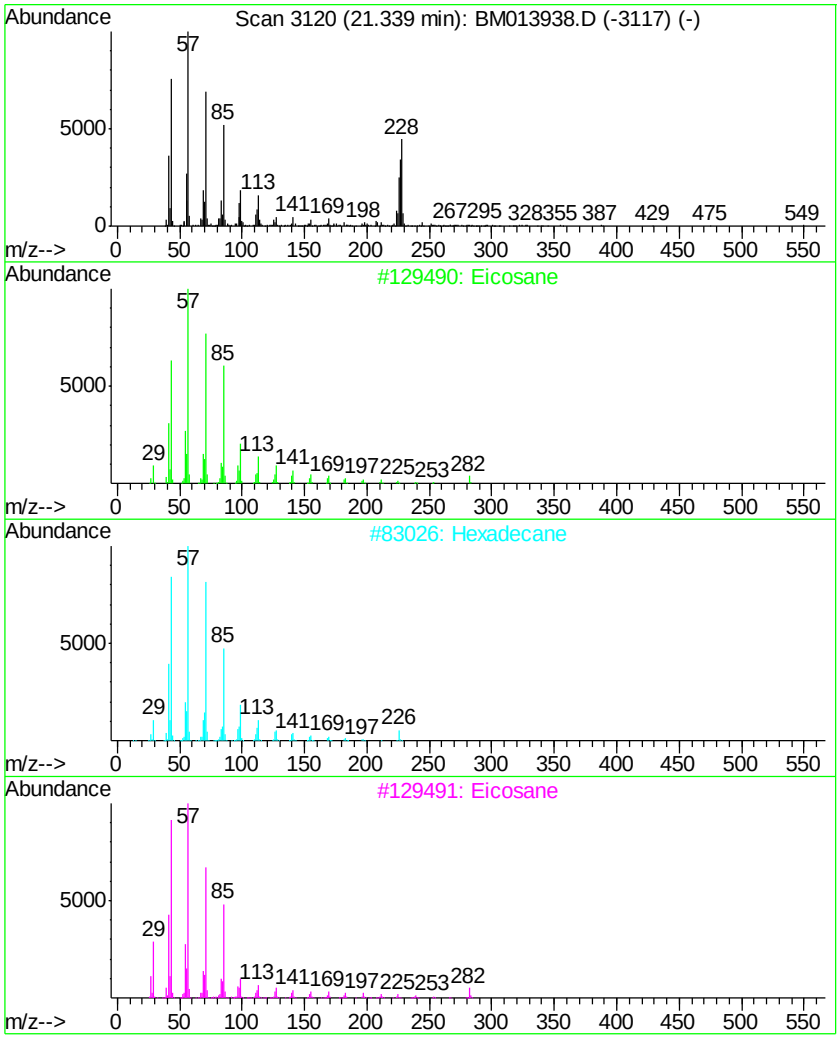
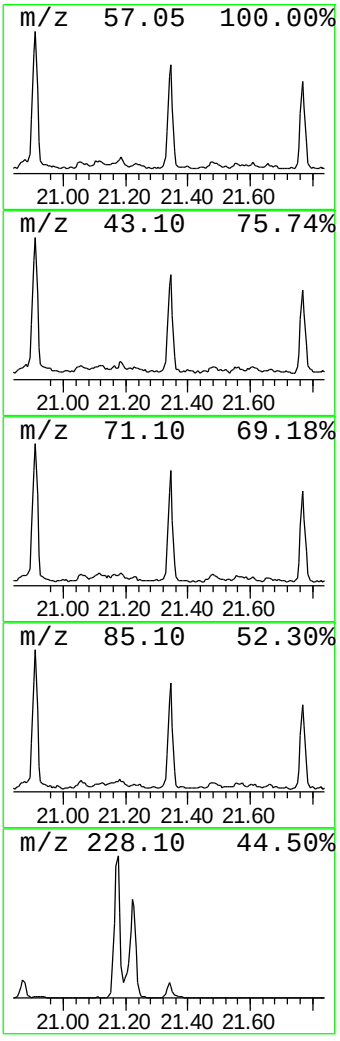
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	6.14 ng/ul	1284340	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Eicosane	282	C20H42	000112-95-8	83
4	Hexacosane	366	C26H54	000630-01-3	70
5	Heneicosane	296	C21H44	000629-94-7	70





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Instrument : BNA_M
ClientSampleId : F6B20

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Quant Title : SVOA CALIBRATION

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

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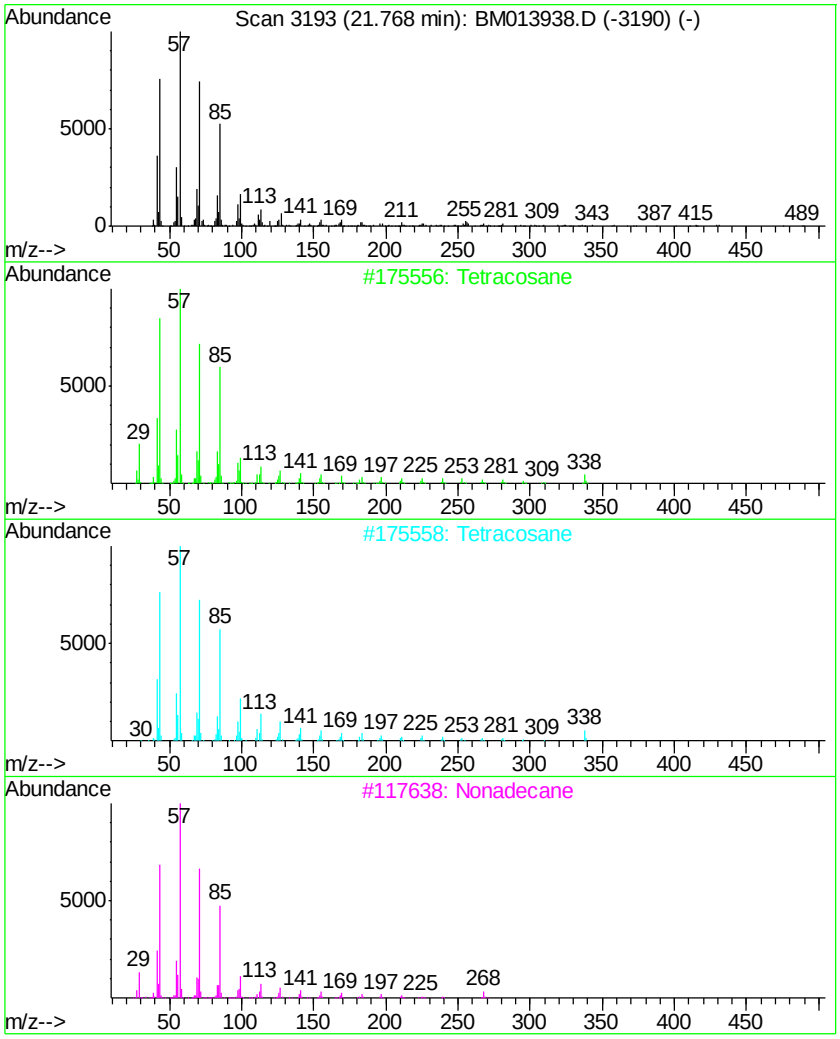
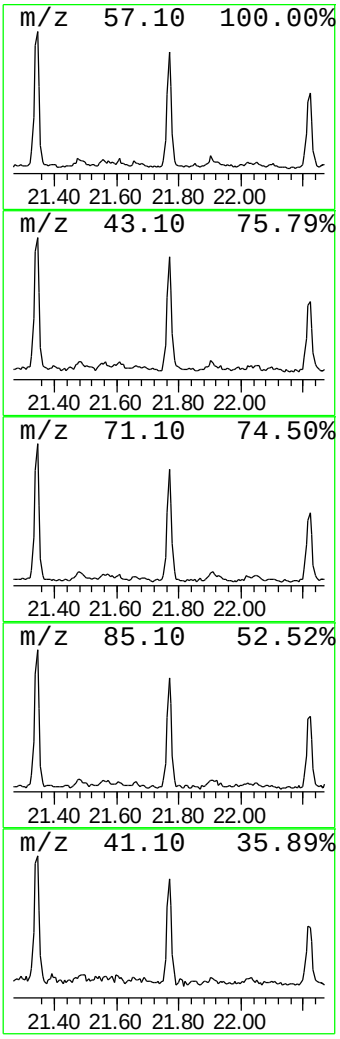
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	4.77 ng/ul	996931	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Tetracosane	338	C24H50	000646-31-1	95
3	Nonadecane	268	C19H40	000629-92-5	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93





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Instrument : BNA_M
ClientSampleId : F6B20

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TIC Integration Parameters: LSCINT.P

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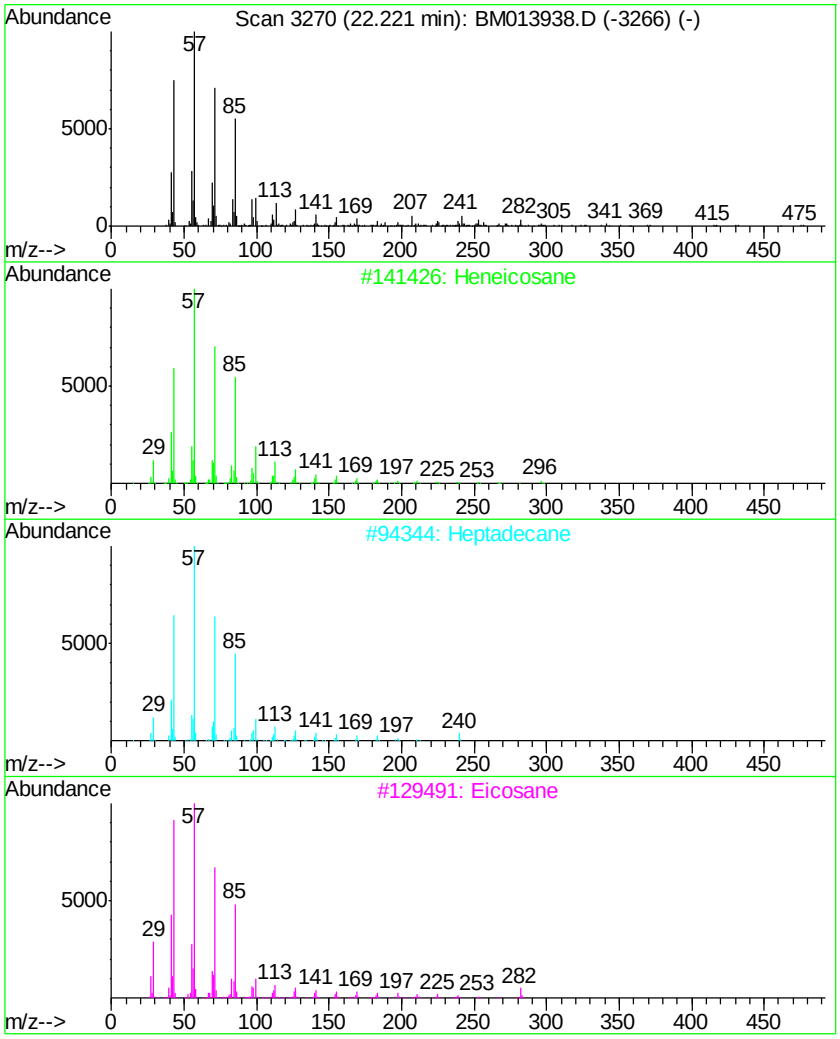
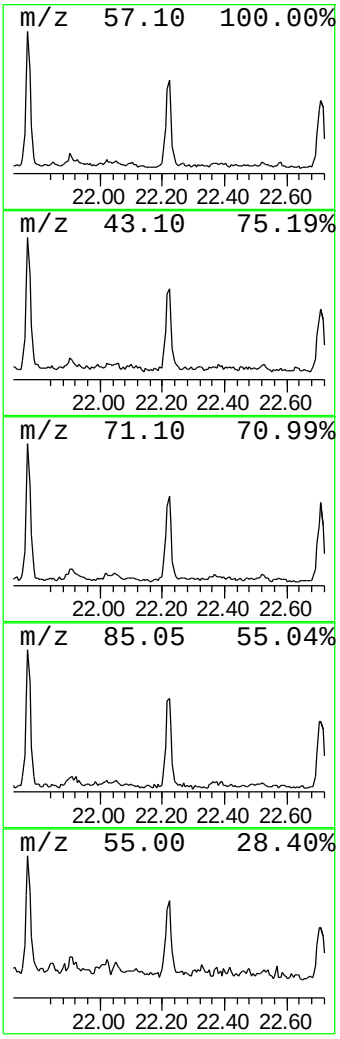
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	3.07 ng/ul	642425	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane	240	C17H36	000629-78-7	96
3	Eicosane	282	C20H42	000112-95-8	96
4	Heneicosane	296	C21H44	000629-94-7	96
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012818\
Data File : BM013938.D
Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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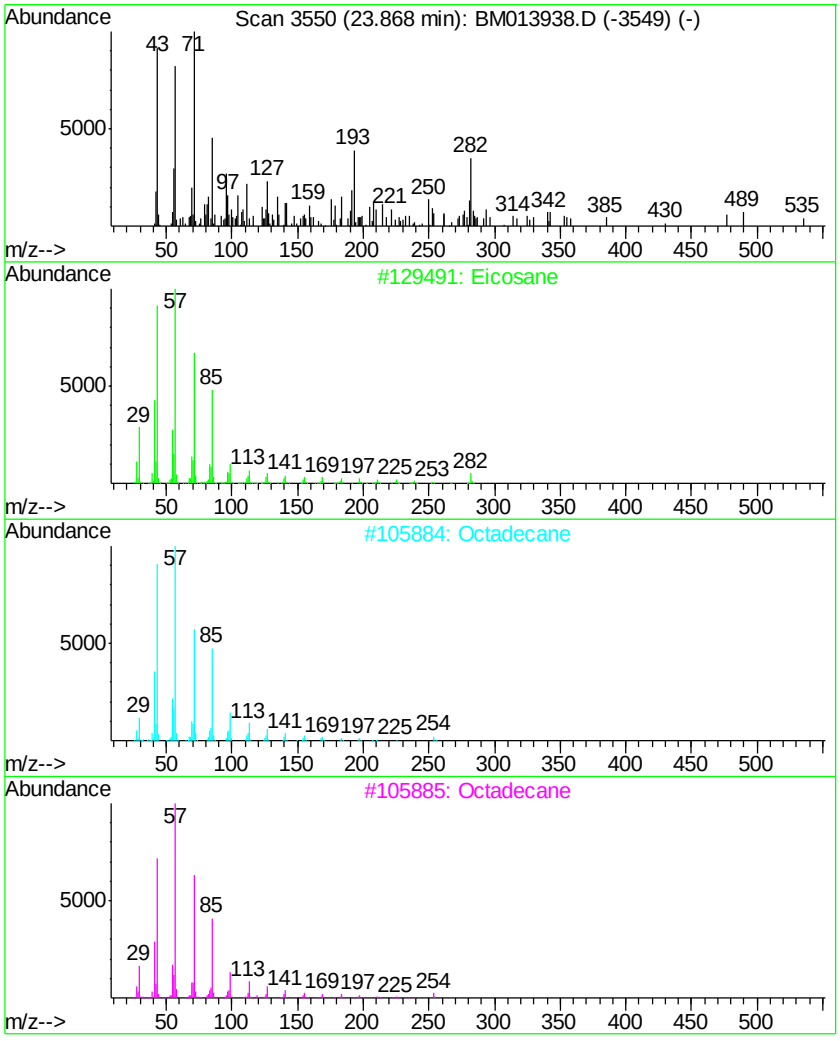
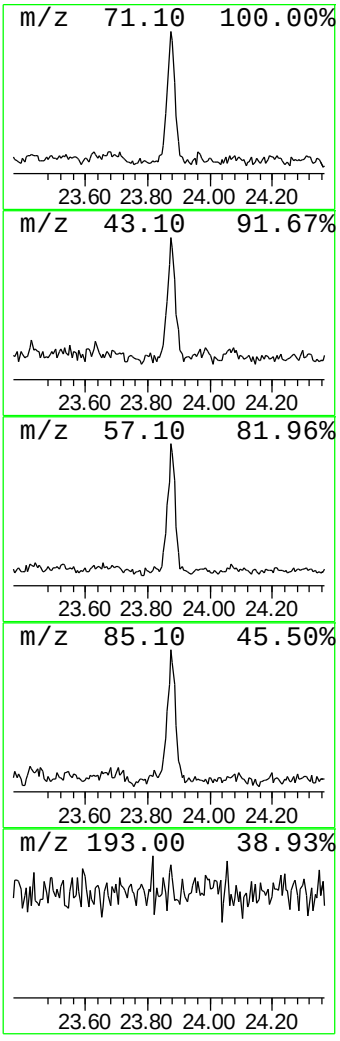
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	4.61 ng/ul	378746	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Octadecane	254	C18H38	000593-45-3	64
3	Octadecane	254	C18H38	000593-45-3	64
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
5	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012818\
Data File : BM013938.D
Acq On : 29 Jan 2018 00:38
Operator : SJ/JU
Sample : J1233-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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
(DEL) Alkane: Str...	8.79	7.7	ng/ul	384424	1	7.57	995885	20.0
(DEL) Alkane: Str...	11.37	8.6	ng/ul	506582	2	10.35	1182560	20.0
(DEL) Alkane: Str...	11.78	22.4	ng/ul	1323050	2	10.35	1182560	20.0
Naphthalene, 1-me...	12.25	75.8	ng/ul	4481640	2	10.35	1182560	20.0
(DEL) Alkane: Str...	12.75	2.7	ng/ul	497110	3	14.23	3670680	20.0
Naphthalene, 1-et...	13.25	3.8	ng/ul	689630	3	14.23	3670680	20.0
Naphthalene, 2,7-...	13.39	5.9	ng/ul	1087530	3	14.23	3670680	20.0
Naphthalene, 1,7-...	13.60	7.1	ng/ul	1296180	3	14.23	3670680	20.0
(DEL) Alkane: Str...	13.76	2.1	ng/ul	378601	3	14.23	3670680	20.0
Naphthalene, 1,6-...	13.79	3.2	ng/ul	590838	3	14.23	3670680	20.0
(DEL) Alkane: Str...	14.13	14.8	ng/ul	2719800	3	14.23	3670680	20.0
.beta.-(1-Naphthy...	14.54	2.2	ng/ul	401498	3	14.23	3670680	20.0
unknown-01	14.58	2.5	ng/ul	456327	3	14.23	3670680	20.0
Naphthalene, 2,3,...	14.71	2.6	ng/ul	481004	3	14.23	3670680	20.0
Sulfurous acid, 2...	14.76	4.0	ng/ul	739802	3	14.23	3670680	20.0
Naphthalene, 1,4,...	14.86	2.8	ng/ul	515312	3	14.23	3670680	20.0
(DEL) Alkane: Str...	15.09	17.2	ng/ul	3163650	3	14.23	3670680	20.0
Nordiphenamid	15.45	3.3	ng/ul	609356	3	14.23	3670680	20.0
Dibenzofuran, 4-m...	15.58	8.6	ng/ul	1577630	3	14.23	3670680	20.0
(DEL) Alkane: Str...	15.65	4.3	ng/ul	395521	4	16.99	1820840	20.0
(4-Acetylphenyl)p...	15.70	16.2	ng/ul	1476360	4	16.99	1820840	20.0
Benzene, 1,1'-(1,...	15.79	3.8	ng/ul	349735	4	16.99	1820840	20.0
(DEL) Alkane: Str...	15.96	49.6	ng/ul	4518200	4	16.99	1820840	20.0
9H-Fluorene, 1-me...	16.30	9.4	ng/ul	853163	4	16.99	1820840	20.0
8-Dimethylaminona...	16.53	3.9	ng/ul	356321	4	16.99	1820840	20.0
(DEL) Alkane: Cyc...	16.56	4.2	ng/ul	378181	4	16.99	1820840	20.0
(DEL) Alkane: Str...	16.75	47.2	ng/ul	4294940	4	16.99	1820840	20.0
Naphtho[2,1-b]thi...	16.80	27.5	ng/ul	2499730	4	16.99	1820840	20.0
(DEL) Alkane: Str...	17.49	39.5	ng/ul	3599060	4	16.99	1820840	20.0
1-Methyldibenzoth...	17.57	5.3	ng/ul	478423	4	16.99	1820840	20.0
(DEL) Alkane: Str...	17.77	3.8	ng/ul	340957	4	16.99	1820840	20.0
(DEL) Alkane: Str...	18.19	31.8	ng/ul	2895650	4	16.99	1820840	20.0
Naphthalene, 2-ph...	18.37	11.7	ng/ul	1068860	4	16.99	1820840	20.0
(DEL) Alkane: Str...	18.83	28.7	ng/ul	2613950	4	16.99	1820840	20.0
(DEL) Alkane: Str...	19.94	9.1	ng/ul	1904350	5	21.19	4184000	20.0
Pyrene, 4-methyl-	20.07	2.5	ng/ul	518645	5	21.19	4184000	20.0
(DEL) Alkane: Str...	20.44	7.7	ng/ul	1600800	5	21.19	4184000	20.0
(DEL) Alkane: Str...	20.91	7.2	ng/ul	1494900	5	21.19	4184000	20.0
(DEL) Alkane: Str...	21.34	6.1	ng/ul	1284340	5	21.19	4184000	20.0
(DEL) Alkane: Str...	21.77	4.8	ng/ul	996931	5	21.19	4184000	20.0
(DEL) Alkane: Str...	22.22	3.1	ng/ul	642425	5	21.19	4184000	20.0
(DEL) Alkane: Str...	23.87	4.6	ng/ul	378746	6	23.37	1642390	20.0