LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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	4.728	291	296	306	rVB3	144531	286568	2.30%	0.213%
2	6.763	636	642	657	rVB	470160	869119	6.96%	0.647%
3	6.922	664	669	679	rBV	371663	577504	4.63%	0.430%
4	7.110	695	701	711	rBV	529493	853182	6.83%	0.635%
5	7.575	770	780	787	rBV	574369	942929	7.55%	0.701%
6	8.292	895	902	913	rBV	557161	964261	7.72%	0.717%
7	8.734	971	977	983	rBV	546312	879829	7.05%	0.655%
8	9.445	1088	1098	1108	rBV	451433	851718	6.82%	0.634%
9	9.986	1183	1190	1205	rVB	642576	1194097	9.57%	0.888%
10	10.351	1239	1252	1256	rBV	755107	1477863	11.84%	1.099%
11	10.398	1256	1260	1268	rVB	1110402	1795852	14.39%	1.336%
12	10.504	1268	1278	1286	rBV2	480193	947610	7.59%	0.705%
13	11.369	1420	1425	1430	rBV3	157598	250102	2.00%	0.186%
14	11.680	1472	1478	1485	rBV	258954	404262	3.24%	0.301%
15	11.780	1487	1495	1500	rBV	296681	474198	3.80%	0.353%
16	12.022	1529	1536	1543	rVB	2908850	4495893	36.02%	3.345%
17	12.245	1561	1574	1584	rBV	1448818	2310173	18.51%	1.719%
18	12.751	1655	1660	1664	rVB	218249	291593	2.34%	0.217%
19	13.051	1703	1711	1717	rBV2	969289	1512678	12.12%	1.125%
20	13.251	1740	1745	1755	rVB	312599	620699	4.97%	0.462%
21	13.386	1761	1768	1769	rBV	487516	680887	5.45%	0.507%
22	13.545	1789	1795	1800	rBV2	690164	1246971	9.99%	0.928%
23	13.598	1800	1804	1807	rVV	486317	759588	6.09%	0.565%
24	13.651	1807	1813	1817	rVV	1224241	1978672	15.85%	1.472%
25	13.698	1817	1821	1827	rVV2	980384	1784028	14.29%	1.327%
26	13.757	1827	1831	1833	rVV2	138352	212681	1.70%	0.158%
27	13.780	1833	1835	1839	rVV	248086	361076	2.89%	0.269%
28	13.921	1853	1859	1863	rBV	1376525	2051918	16.44%	1.526%
29	14.051	1876	1881	1888	rVB5	103651	197906	1.59%	0.147%
30	14.133	1890	1895	1900	rBV	1020936	1302665	10.44%	0.969%
31	14.227	1901	1911	1917	rBV3	1218922	2924839	23.43%	2.176%
32	14.292	1917	1922	1931	rVB2	1113727	1864453	14.94%	1.387%
33	14.468	1943	1952	1959	rBV4	363002	777686	6.23%	0.579%
34	14.586	1968	1972	1975	rBV5	113513	208900	1.67%	0.155%

LSC Area Percent Report

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Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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	14.633	1975	1980	1986	rVV	2193152	3094690	24.79%	2.302%
36	14.710	1988	1993	1997	rVV2	166822	236890	1.90%	0.176%
37	14.757	1997	2001	2010	rVB5	289805	484400	3.88%	0.360%
38	14.857	2010	2018	2024	rBV5	182819	433971	3.48%	0.323%
39	15.092	2054	2058	2063	rVB	1332661	1672302	13.40%	1.244%
40	15.168	2063	2071	2073	rBV6	97381	201402	1.61%	0.150%
41	15.227	2076	2081	2086	rVB	1664168	2367237	18.96%	1.761%
42	15.286	2086	2091	2096	rBV	1743198	2424713	19.42%	1.804%
43	15.380	2102	2107	2111	rBV	435003	709298	5.68%	0.528%
44	15.445	2115	2118	2122	rVV2	235776	315702	2.53%	0.235%
45	15.498	2122	2127	2131	rVV	546754	815914	6.54%	0.607%
46	15.604	2137	2145	2150	rVB2	2573642	4220759	33.81%	3.140%
47	15.704	2157	2162	2164	rBV2	643228	959399	7.69%	0.714%
48	15.727	2164	2166	2173	rVB	619167	1049068	8.40%	0.780%
49	15.792	2173	2177	2180	rBV3	152454	233889	1.87%	0.174%
50	15.963	2200	2206	2208	rBV	1785629	2732618	21.89%	2.033%
51	16.027	2213	2217	2221	rVB2	362875	517724	4.15%	0.385%
52	16.298	2256	2263	2266	rBV4	318224	586565	4.70%	0.436%
53	16.333	2266	2269	2273	rVB2	149779	214414	1.72%	0.160%
54	16.527	2298	2302	2305	rBV3	186551	271564	2.18%	0.202%
55	16.562	2305	2308	2311	rVB	217140	242972	1.95%	0.181%
56	16.645	2318	2322	2329	rVB4	589707	864775	6.93%	0.643%
57	16.751	2330	2340	2345	rVV2	1675580	2473782	19.82%	1.840%
58	16.804	2345	2349	2360	rVB	995858	1569418	12.57%	1.168%
59	16.898	2360	2365	2371	rBV3	133739	222415	1.78%	0.165%
60	16.986	2375	2380	2383	rBV	1329275	1951023	15.63%	1.451%
61	17.033	2383	2388	2393	rVV	9249835	12482673	100.00%	9.286%
62	17.086	2393	2397	2400	rVV	1929657	2678746	21.46%	1.993%
63	17.121	2400	2403	2408	rVV	940153	1229213	9.85%	0.914%
64	17.215	2415	2419	2424	rVB3	192286	350269	2.81%	0.261%
65	17.404	2446	2451	2461	rVV3	298441	675044	5.41%	0.502%
66	17.486	2461	2465	2475	rVV2	1463141	2075183	16.62%	1.544%
67	17.568	2476	2479	2488	rVB7	143934	326246	2.61%	0.243%
68	17.862	2524	2529	2532	rBV	654377	978400	7.84%	0.728%
69	17.909	2532	2537	2544	rVB	1007591	1733703	13.89%	1.290%
70	17.992	2547	2551	2556	rBV	276028	376546	3.02%	0.280%
71	18.056	2556	2562	2566	rBV2	885537	1546214	12.39%	1.150%

LSC Area Percent Report

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Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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	18.186	2579	2584	2588	rBV	1249099	1564777	12.54%	1.164%
73	18.368	2610	2615	2620	rBV	588066	759871	6.09%	0.565%
74	18.768	2679	2683	2684	rBV	152441	196830	1.58%	0.146%
75	18.821	2689	2692	2697	rVB	1067065	1159064	9.29%	0.862%
76	19.056	2725	2732	2738	rBV	5862801	7695492	61.65%	5.725%
77	19.115	2738	2742	2746	rVB4	129855	213242	1.71%	0.159%
78	19.392	2783	2789	2790	rBV2	2875972	3926834	31.46%	2.921%
79	19.415	2790	2793	2802	rVB	3939156	5704946	45.70%	4.244%
80	19.492	2802	2806	2815	rVB2	217577	333654	2.67%	0.248%
81	19.603	2817	2825	2832	rBV	288241	581774	4.66%	0.433%
82	19.745	2845	2849	2856	rVB4	218488	514337	4.12%	0.383%
83	19.921	2874	2879	2880	rVV	490706	655631	5.25%	0.488%
84	19.945	2880	2883	2887	rVB	895596	1014015	8.12%	0.754%
85	20.015	2891	2895	2900	rBV	474804	625561	5.01%	0.465%
86	20.074	2900	2905	2909	rBV2	218133	356544	2.86%	0.265%
87	20.262	2934	2937	2942	rVB4	142871	206418	1.65%	0.154%
88	20.445	2964	2968	2973	rBV	698811	797144	6.39%	0.593%
89	20.874	3037	3041	3043	rVV	222720	294032	2.36%	0.219%
90	20.909	3043	3047	3063	rVB	928933	1409892	11.29%	1.049%
91	21.186	3087	3094	3098	rBV2	1817198	3356285	26.89%	2.497%
92	21.221	3098	3100	3110	rVB	709272	902789	7.23%	0.672%
93	21.345	3117	3121	3128	rBV	556990	669446	5.36%	0.498%
94	21.768	3190	3193	3202	rVB2	394870	540618	4.33%	0.402%
95	22.221	3266	3270	3276	rVB2	300826	399559	3.20%	0.297%
96	22.721	3349	3355	3360	rBV2	377901	954237	7.64%	0.710%
97	23.238	3437	3443	3456	rVB3	1548097	3402838	27.26%	2.531%
98	23.374	3460	3466	3472	rVB	985900	1752443	14.04%	1.304%
99	23.874	3548	3551	3558	rVB4	203212	349988	2.80%	0.260%
100	24.591	3669	3673	3685	rVB6	170784	412738	3.31%	0.307%

Sum of corrected areas: 134422540

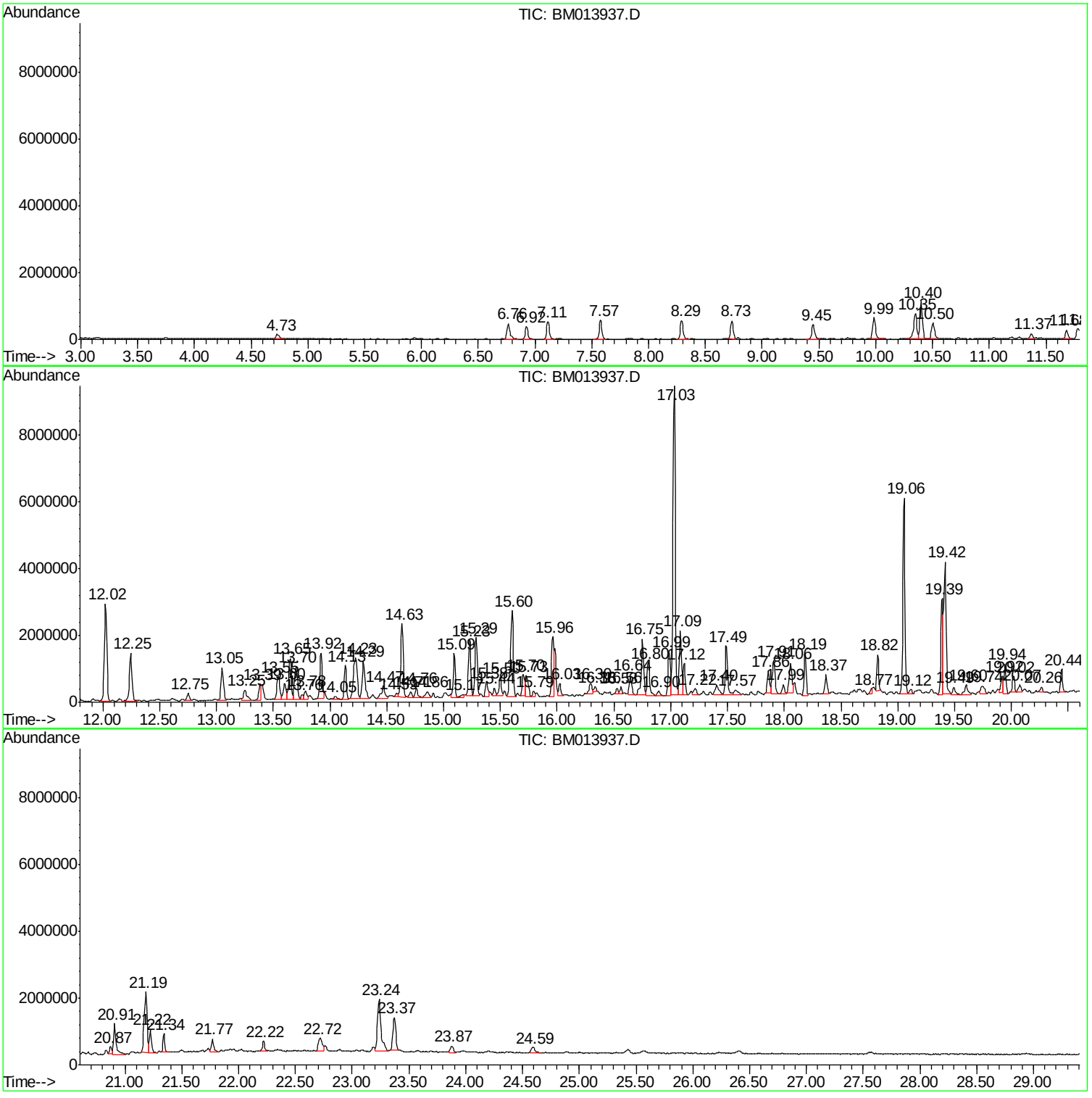
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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



Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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

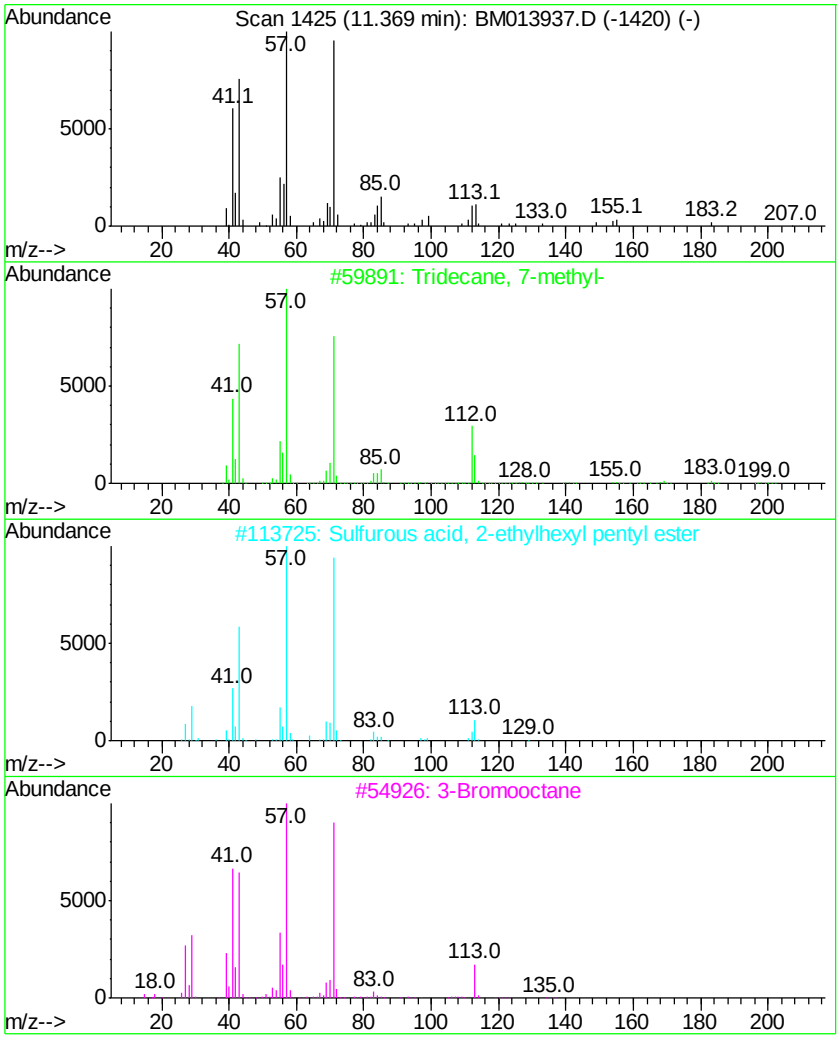
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

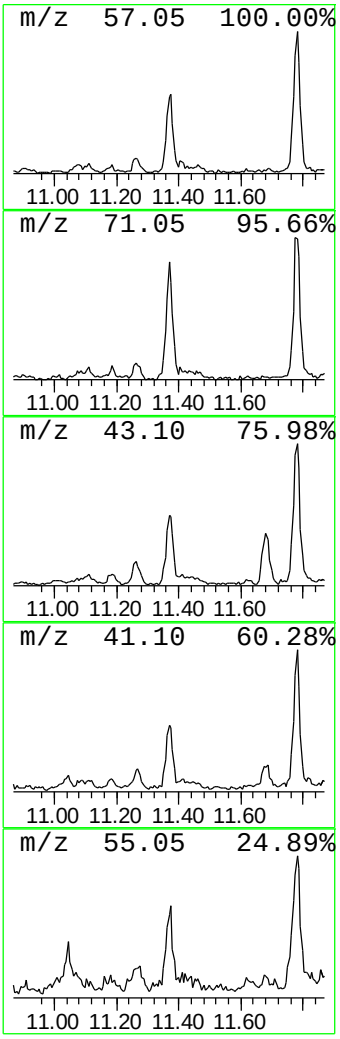
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	3.38 ng/ul	250102	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
2	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
3	3-Bromooctane	192	C8H17Br	000999-64-4	59
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	53





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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

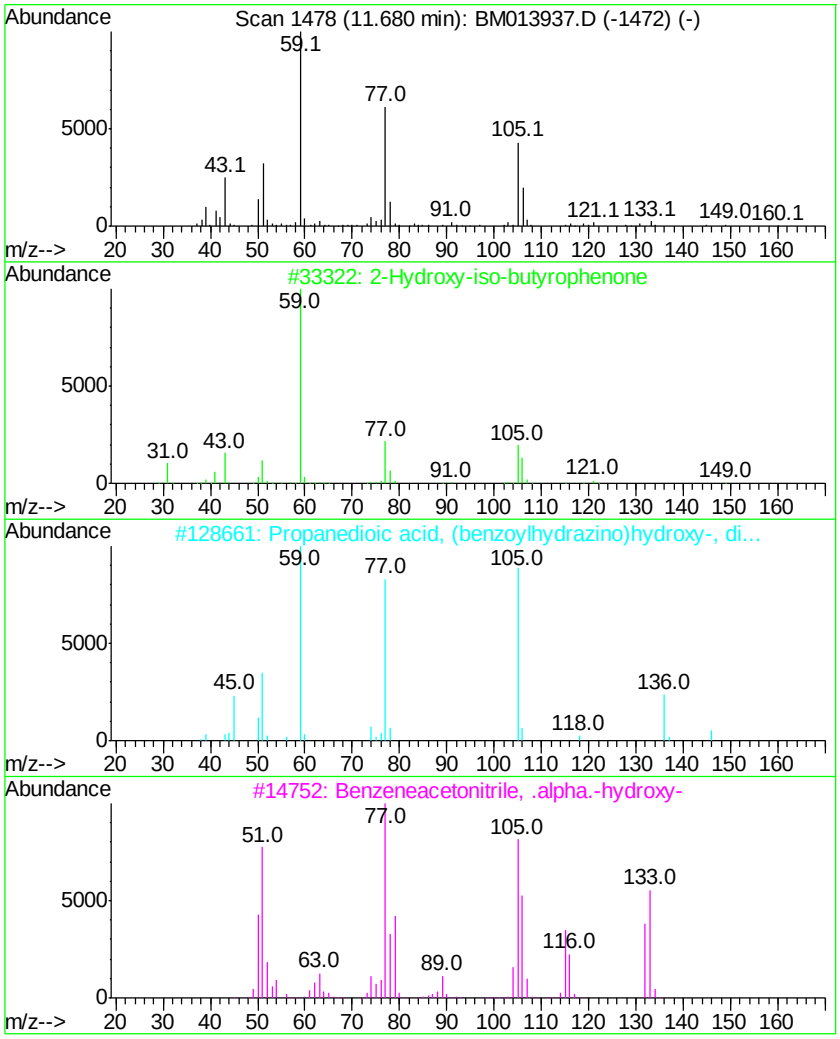
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

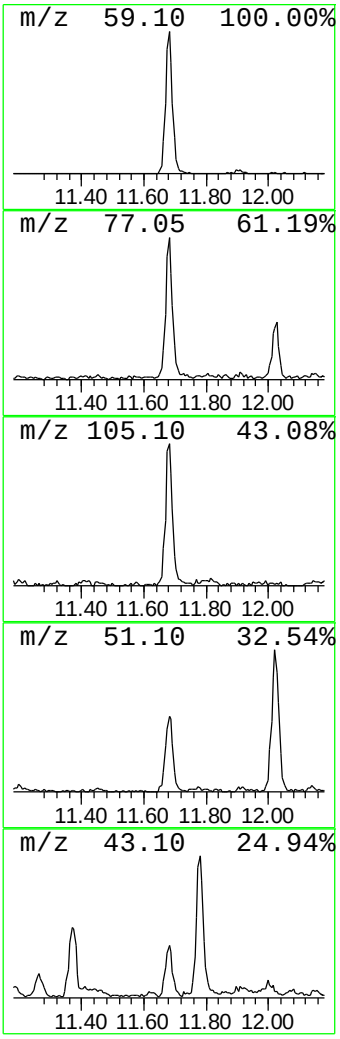
****

Peak Number 3 2-Hydroxy-iso-butyrophenone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	5.47 ng/ul	404262	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	56
2	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	56
3	Benzeneacetonitrile, .alpha.-hyd...	133	C8H7NO	000532-28-5	38
4	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	38
5	1-Aminobenzotriazole	134	C6H6N4	001614-12-6	32





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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

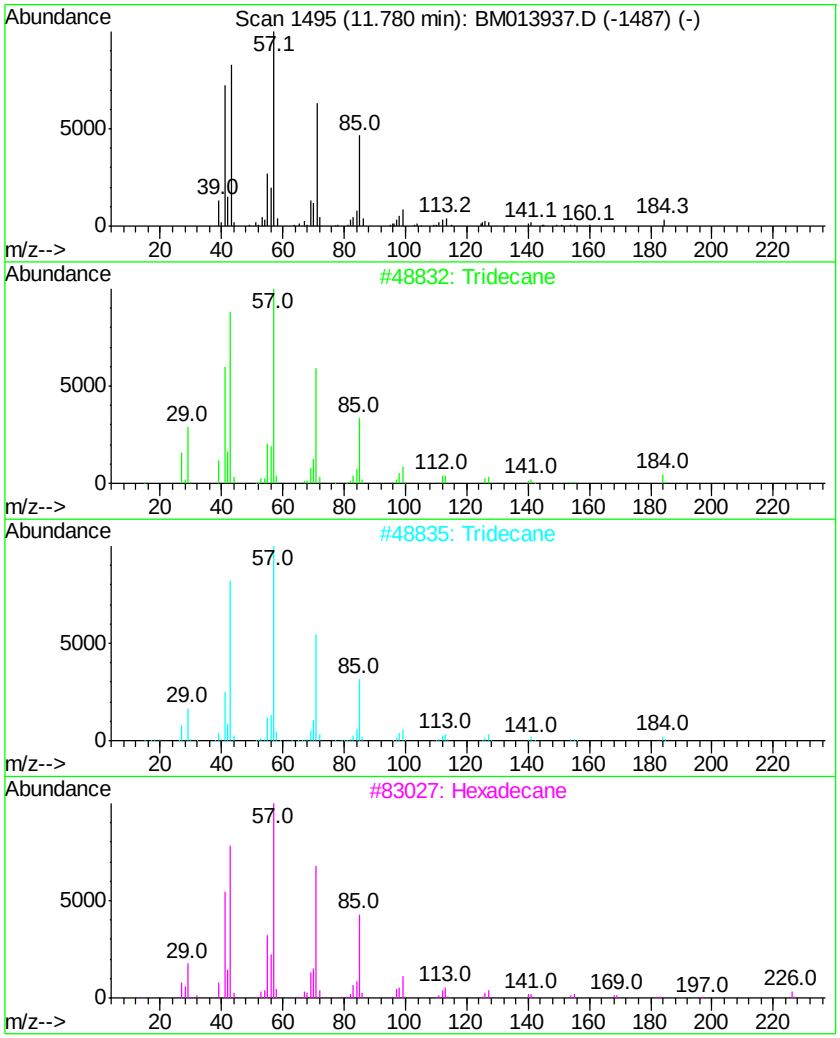
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

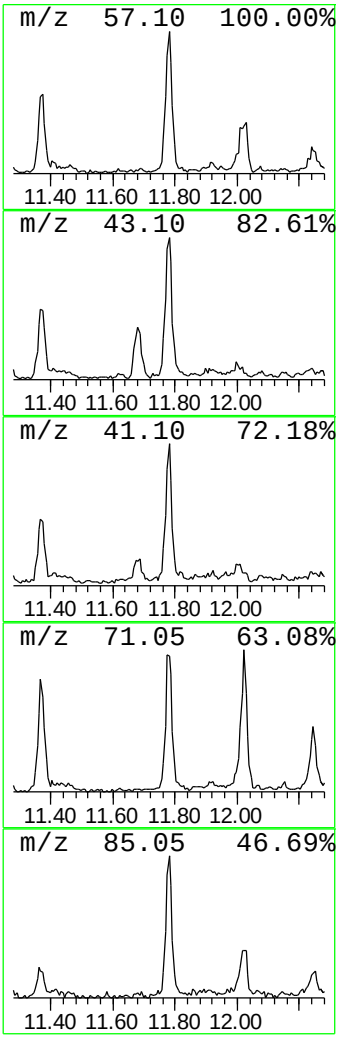
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	6.42 ng/ul	474198	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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

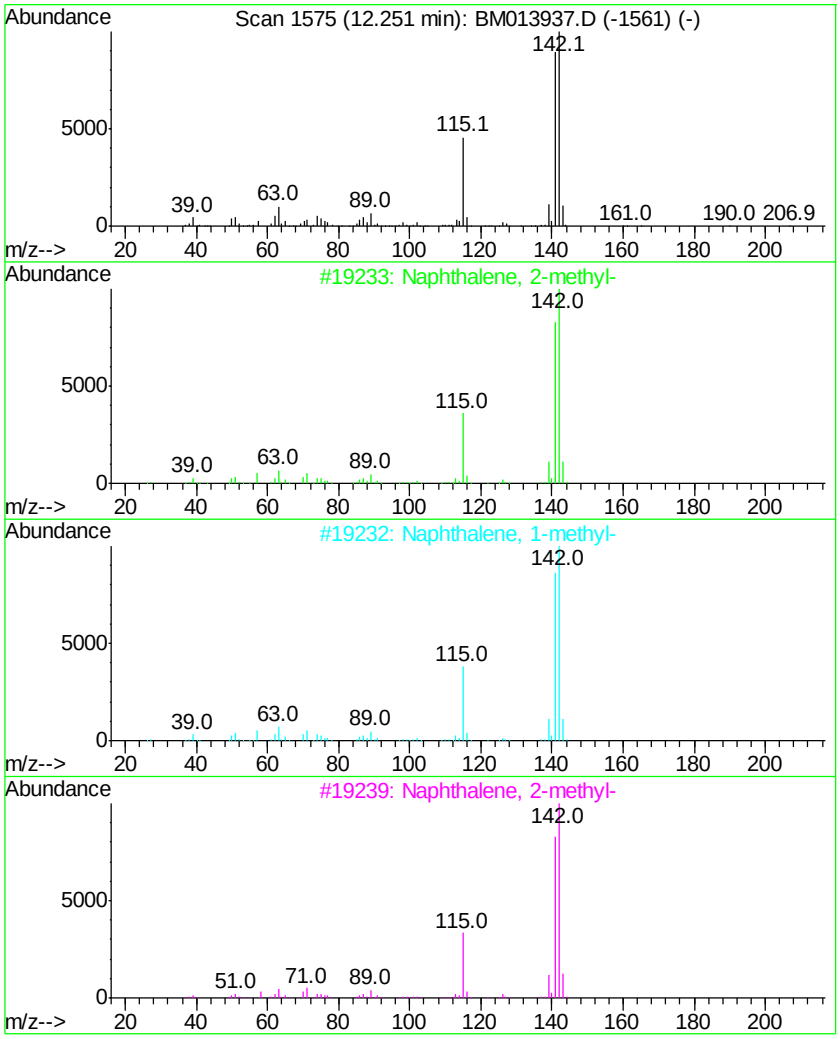
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

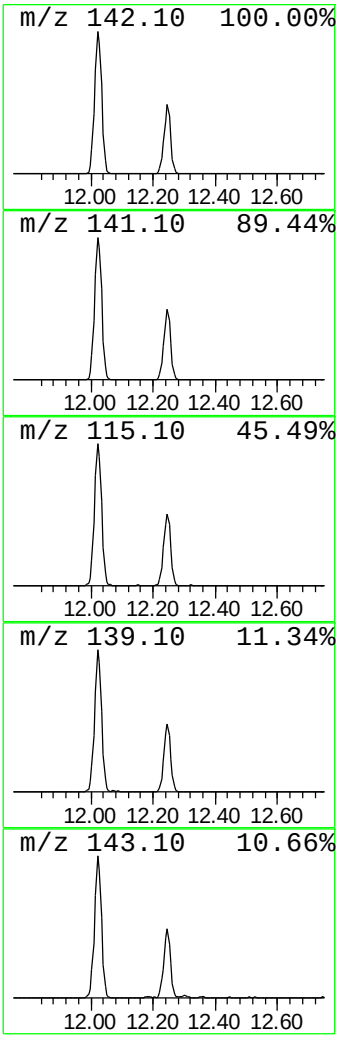
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	31.26 ng/ul	2310170	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	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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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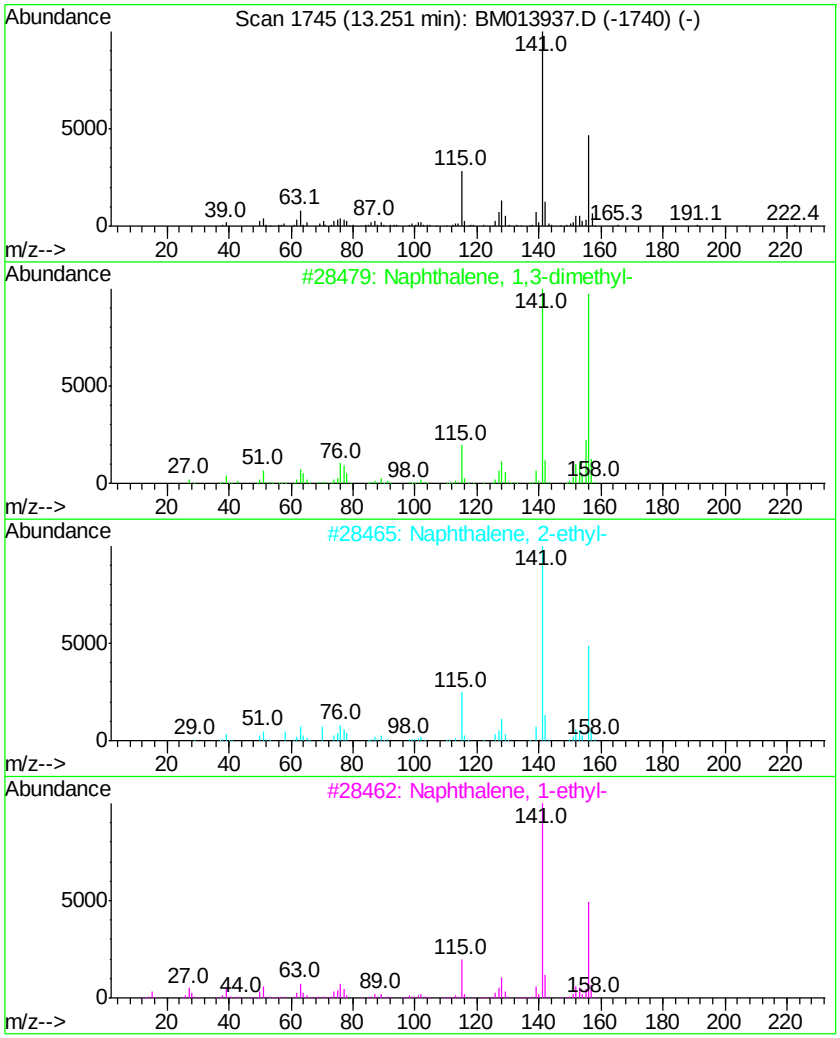
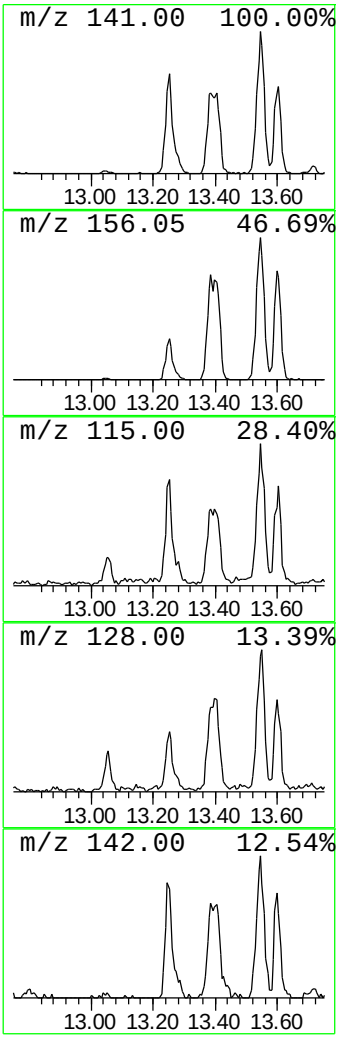
Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	4.24 ng/ul	620699	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91





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Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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

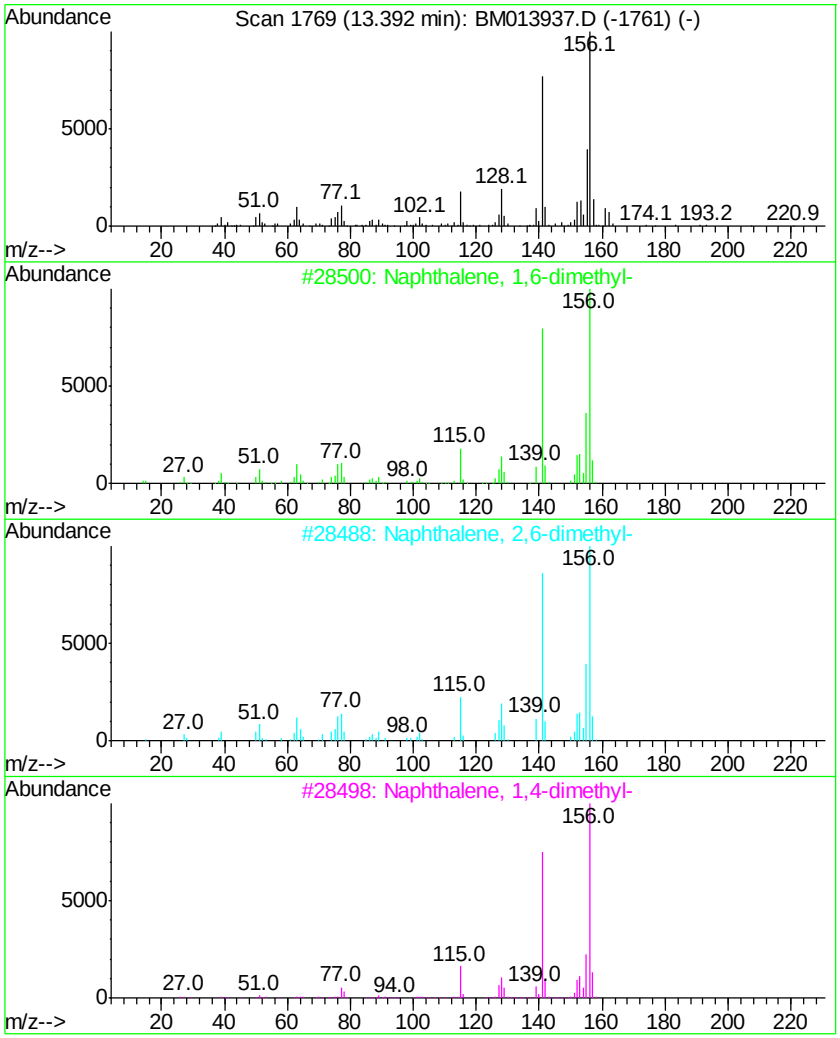
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

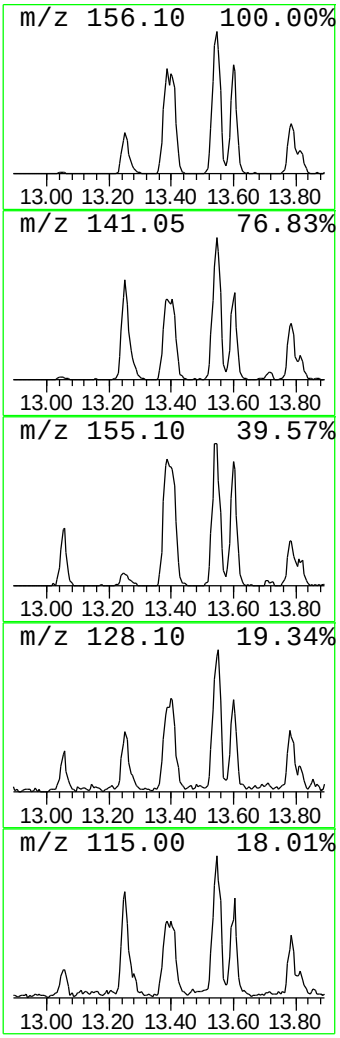
****

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	4.66 ng/ul	680887	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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

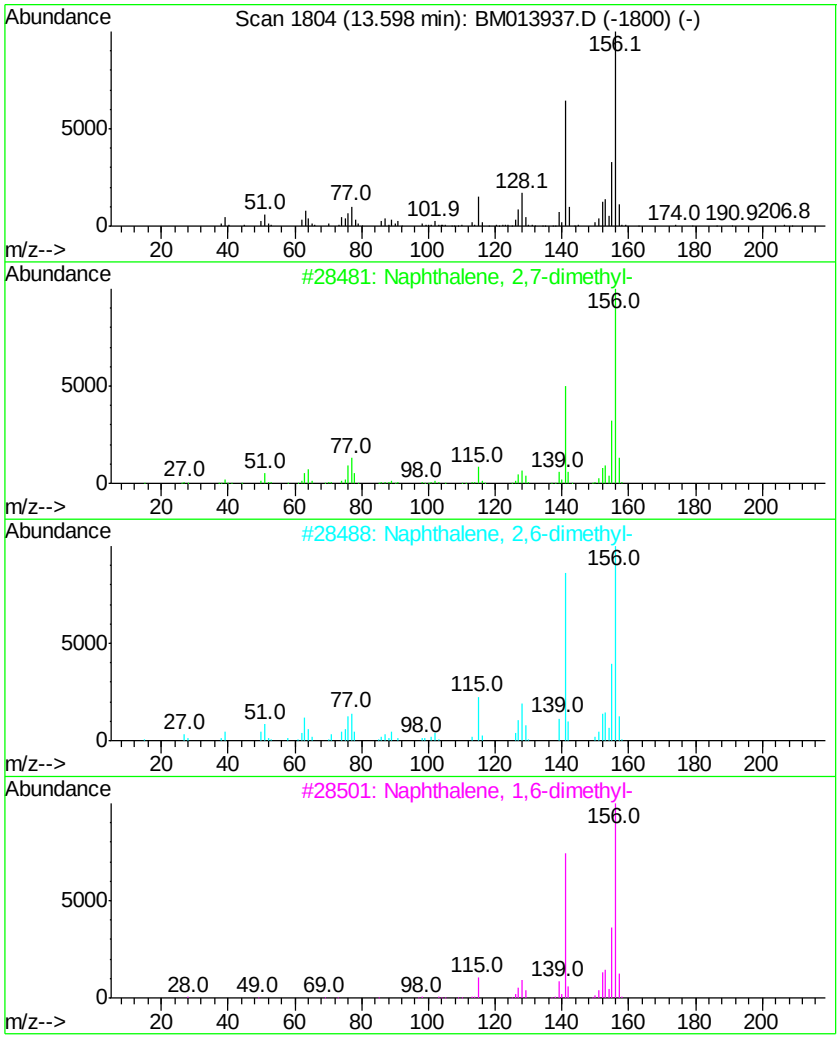
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

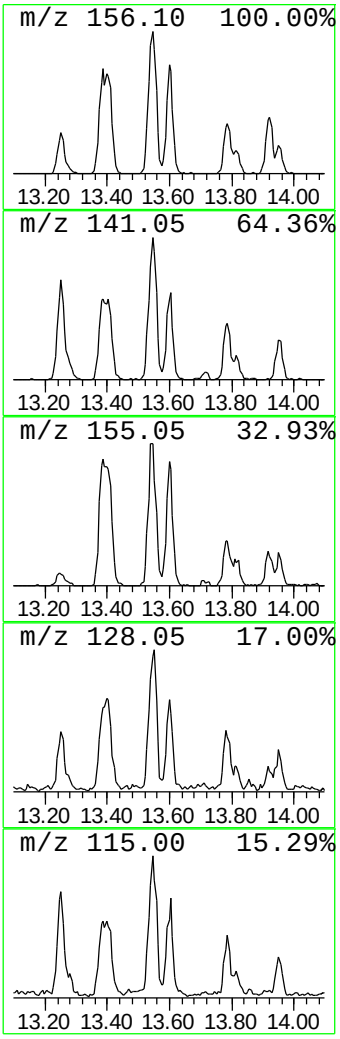
****

Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	5.19 ng/ul	759588	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, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

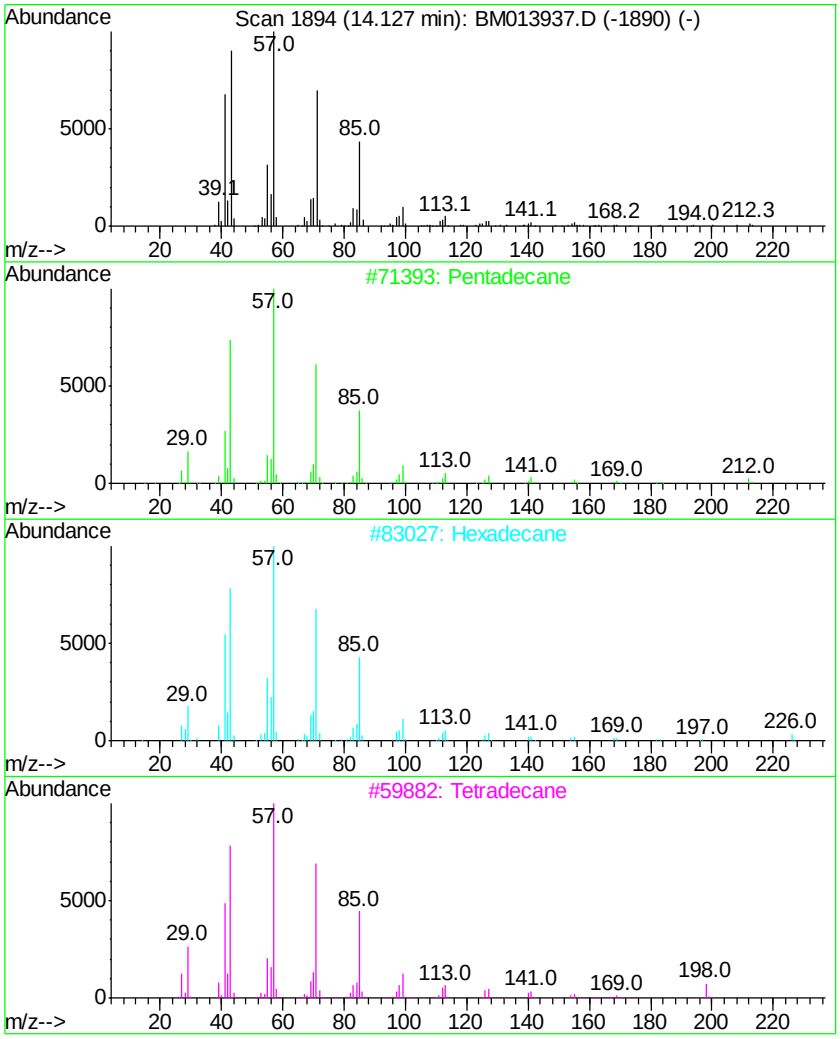
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

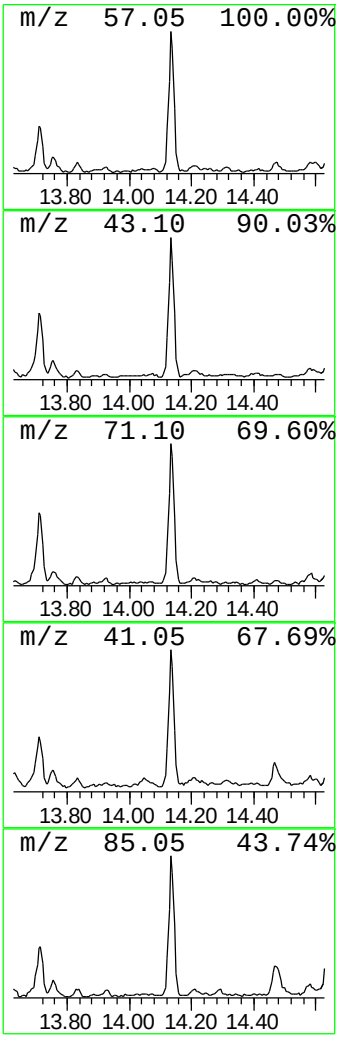
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	8.91 ng/ul	1302670	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Nonadecane	268	C19H40	000629-92-5	91





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Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

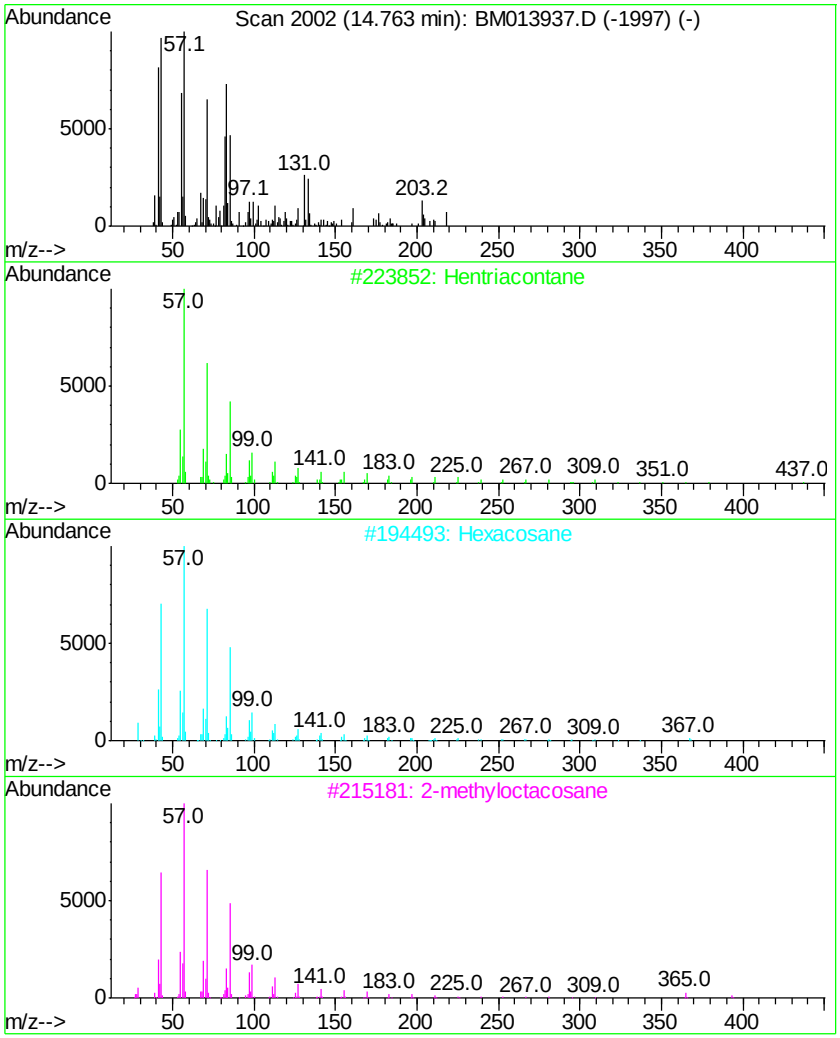
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

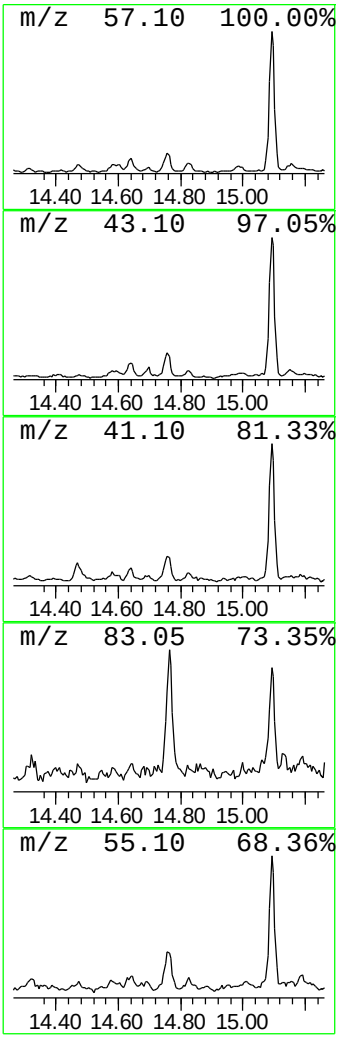
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	3.31 ng/ul	484400	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	52
2	Hexacosane	366	C26H54	000630-01-3	52
3	2-methyloctacosane	408	C29H60	1000376-72-8	50
4	Tetratetracontane	619	C44H90	007098-22-8	49
5	Heneicosane	296	C21H44	000629-94-7	49





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Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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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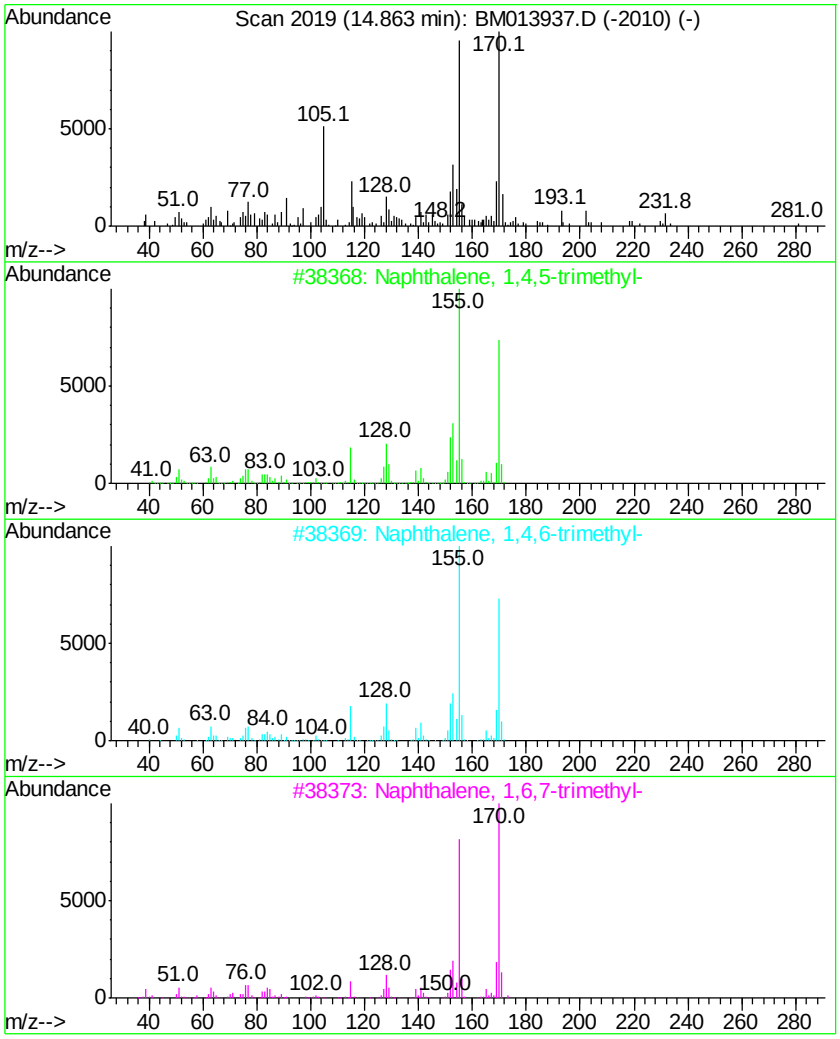
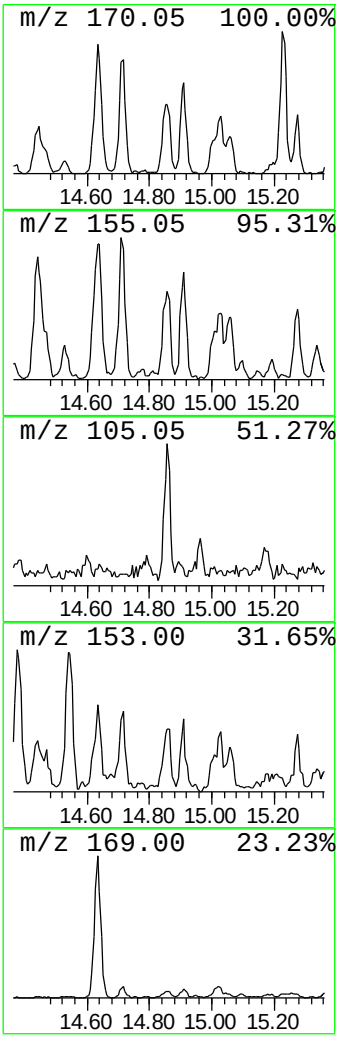
Peak Number 13 Naphthalene, 1,4,5-trimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.97 ng/ul	433971	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

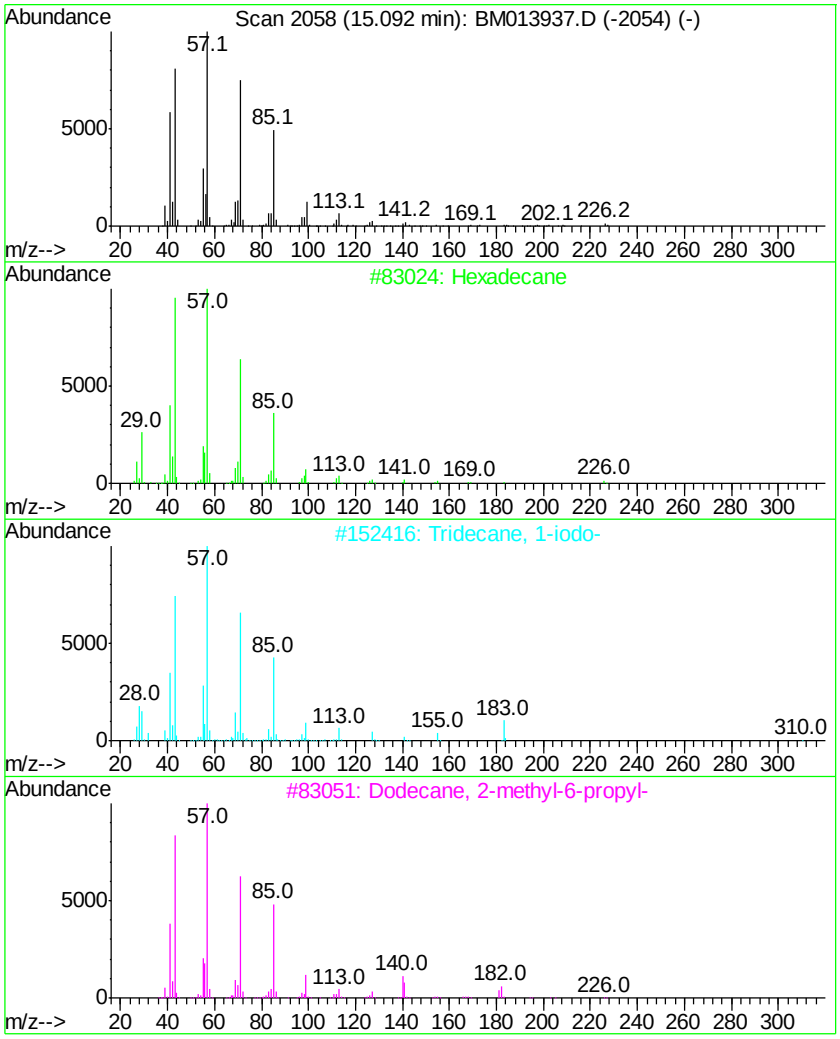
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

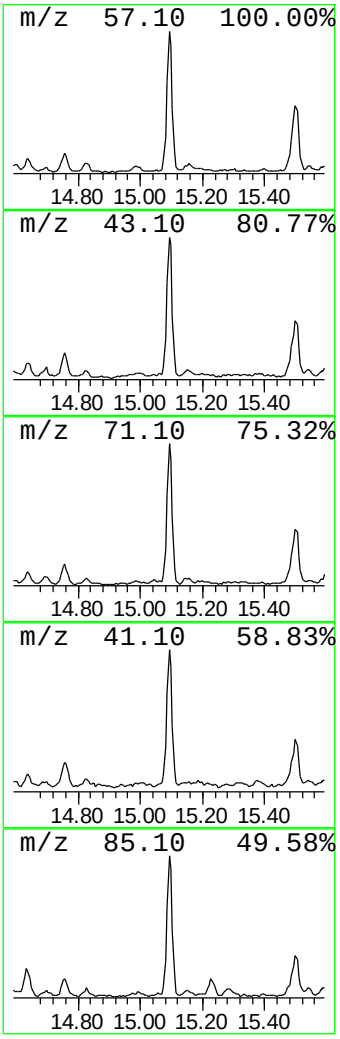
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	11.44 ng/ul	1672300	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	74
5	Nonadecane	268	C19H40	000629-92-5	68





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Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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

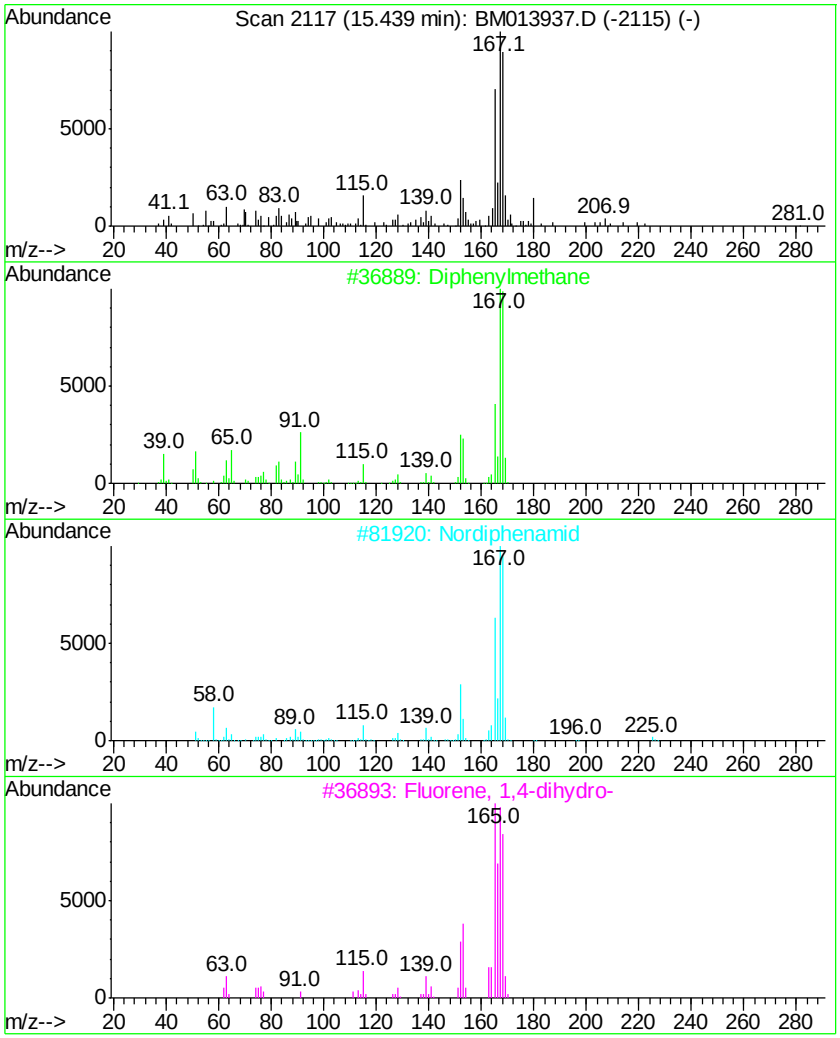
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

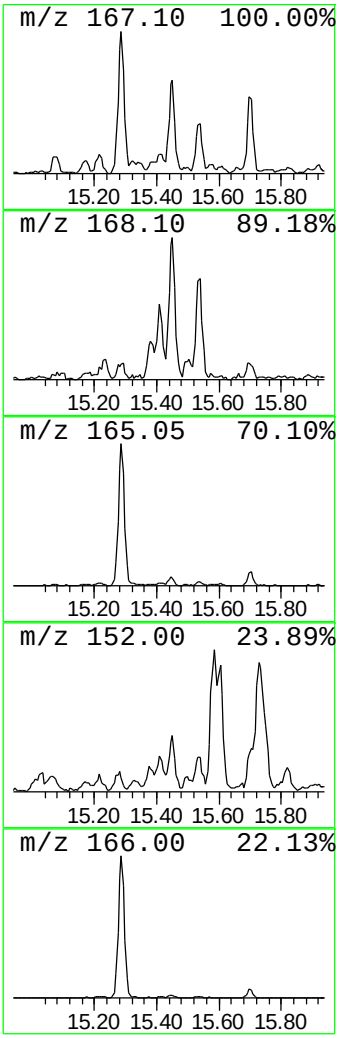
****

Peak Number 15 Diphenylmethane Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.16 ng/ul	315702	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	89
2	Nordiphenamid	225	C15H15NO	000954-21-2	87
3	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	86
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	64





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Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

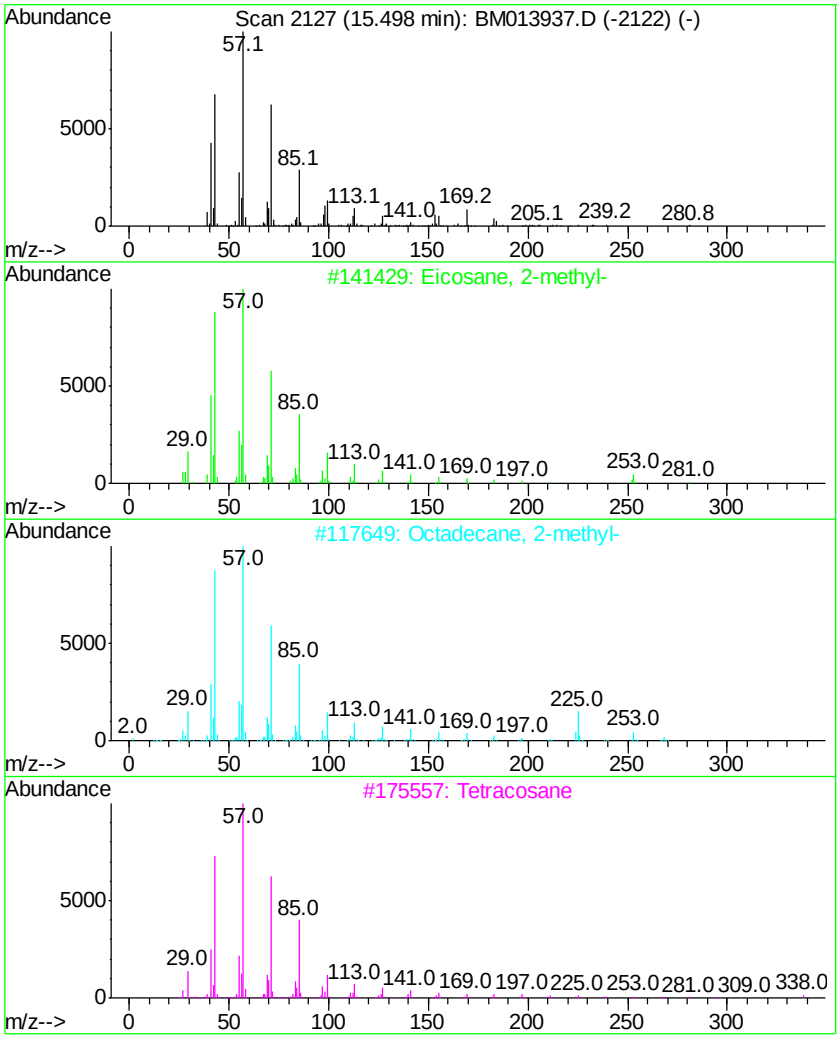
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

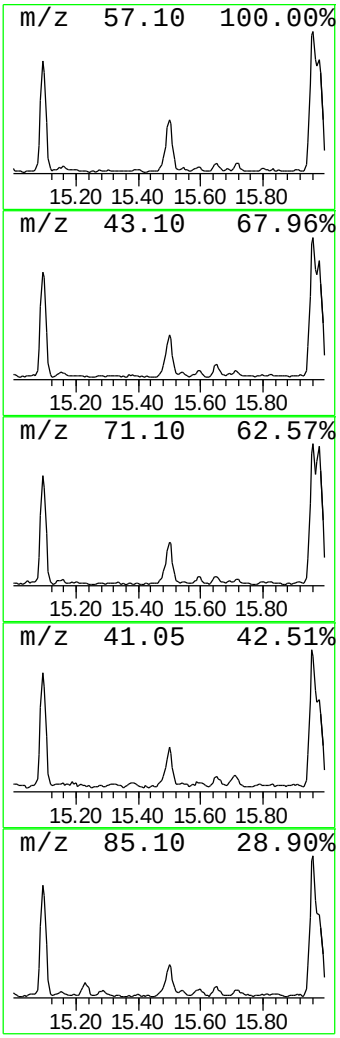
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	5.58 ng/ul	815914	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	80
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	80
3	Tetracosane	338	C24H50	000646-31-1	72
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	70
5	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	64





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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Quant Title : SVOA CALIBRATION

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

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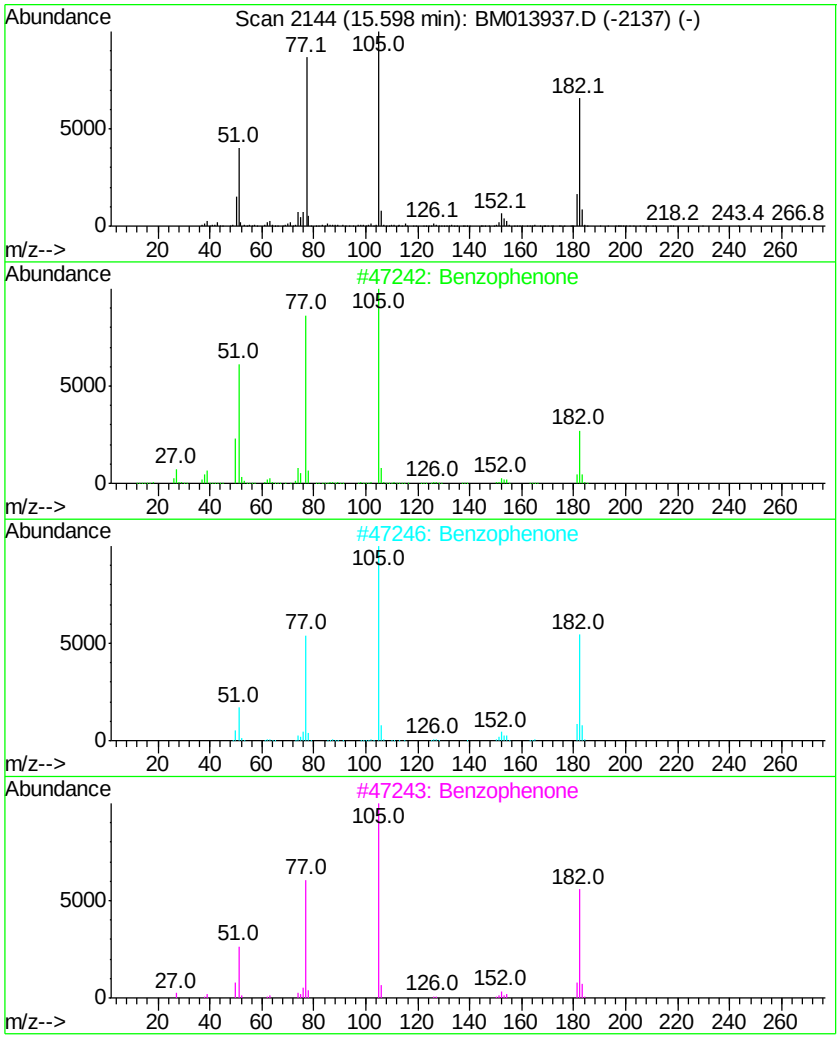
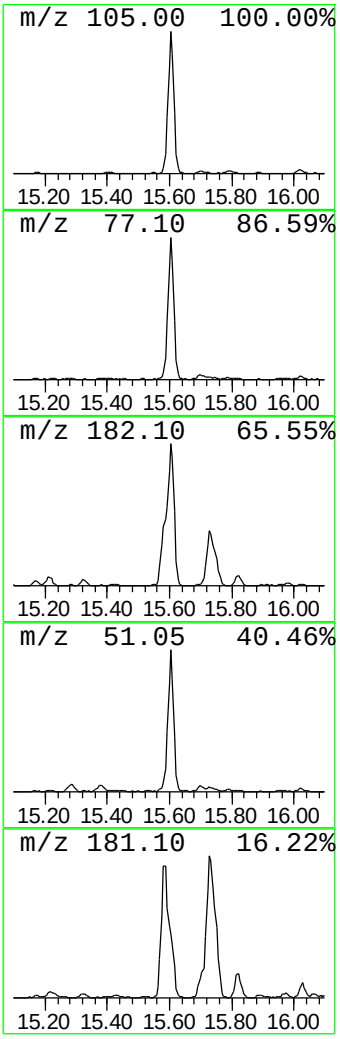
Peak Number 17 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	28.86 ng/ul	4220760	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	97
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzophenone	182	C13H10O	000119-61-9	91





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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Quant Title : SVOA CALIBRATION

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

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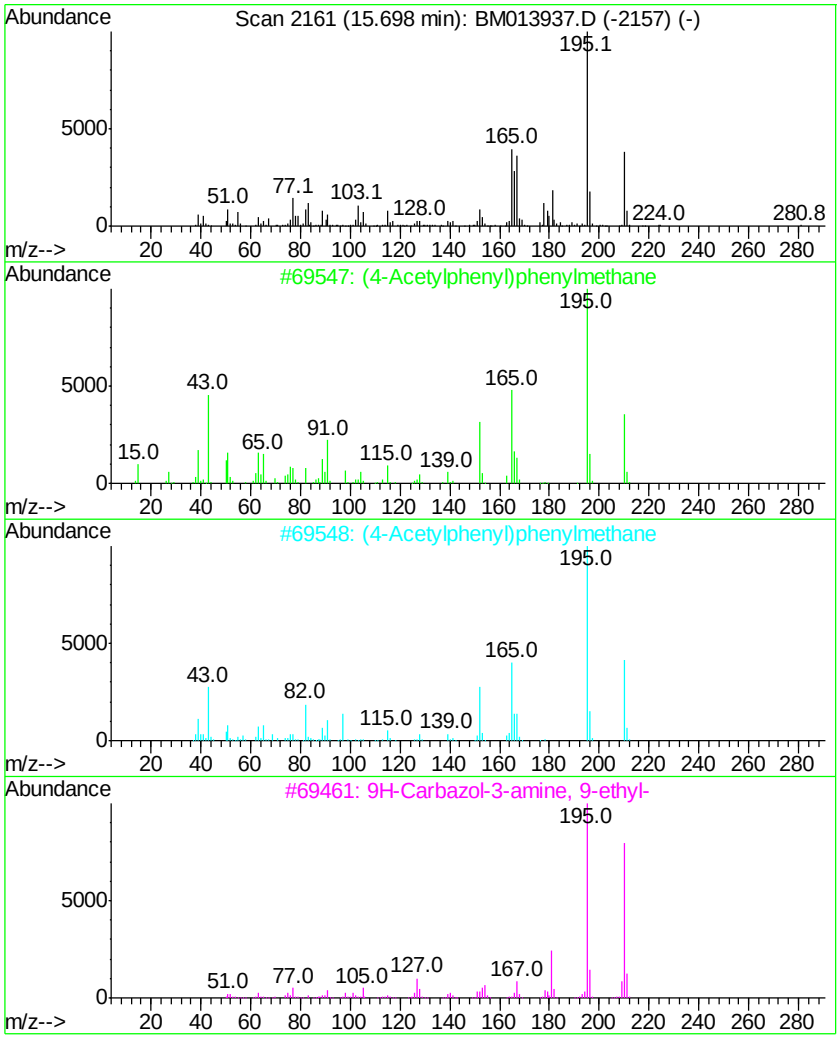
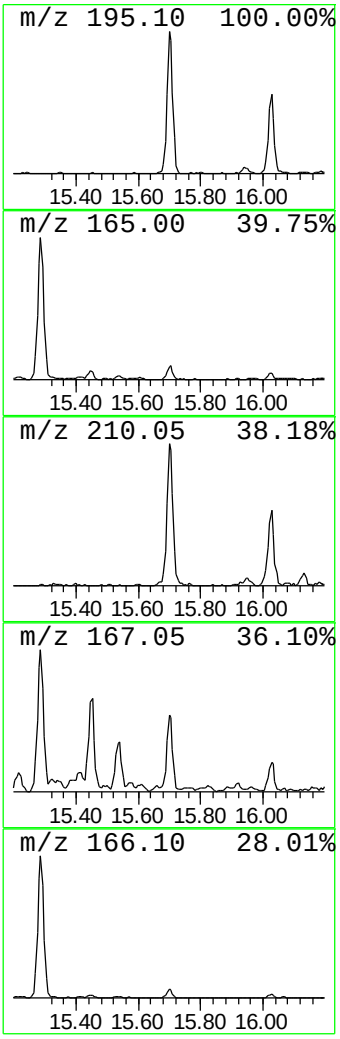
Peak Number 18 (4-Acetylphenyl)phenylmethane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	9.83 ng/ul	959399	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	70
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	58
3	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	53
4	Benzenamine, 3-(2-phenylethenyl)...	195	C14H13N	014064-82-5	38
5	Benzo[c]cinnolin-2-amine	195	C12H9N3	004827-07-0	38





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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Quant Title : SVOA CALIBRATION

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

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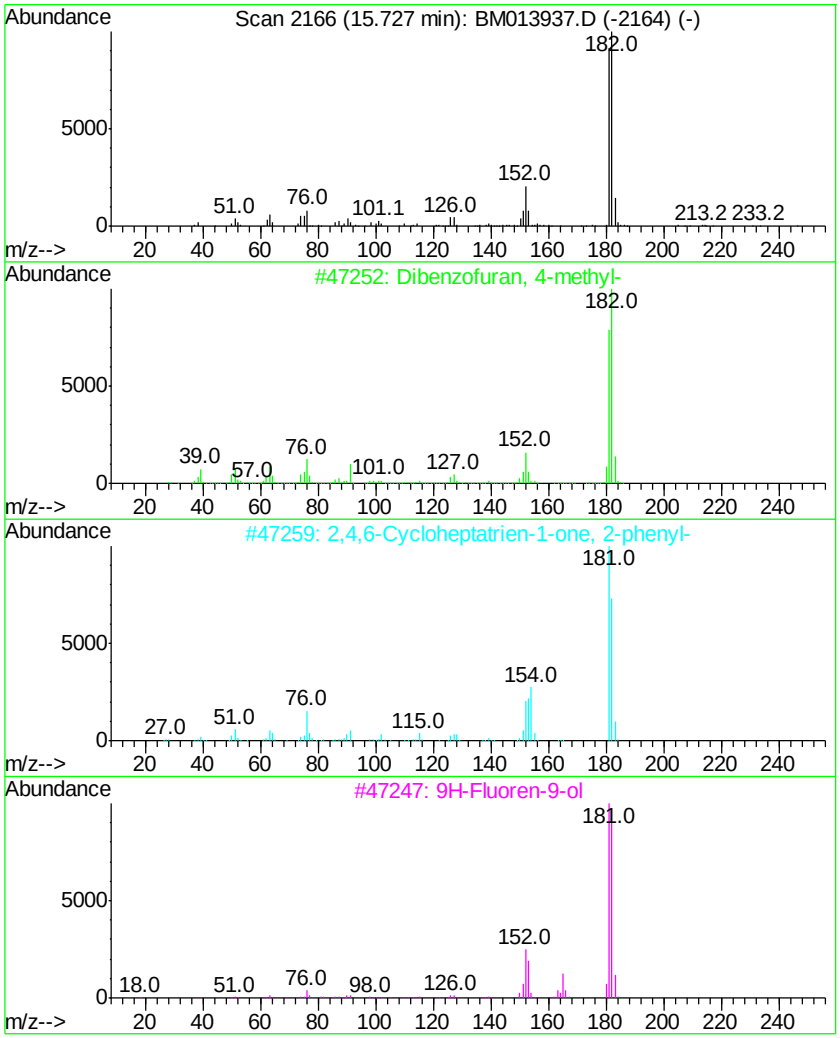
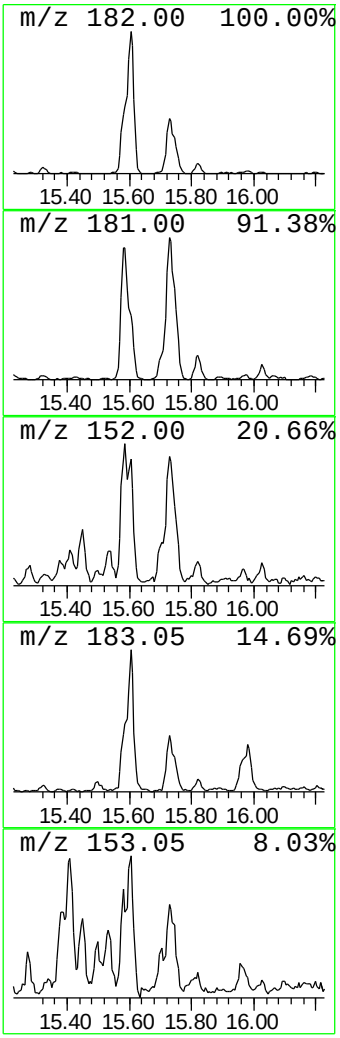
Peak Number 19 Dibenzofuran, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	10.75 ng/ul	1049070	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	80
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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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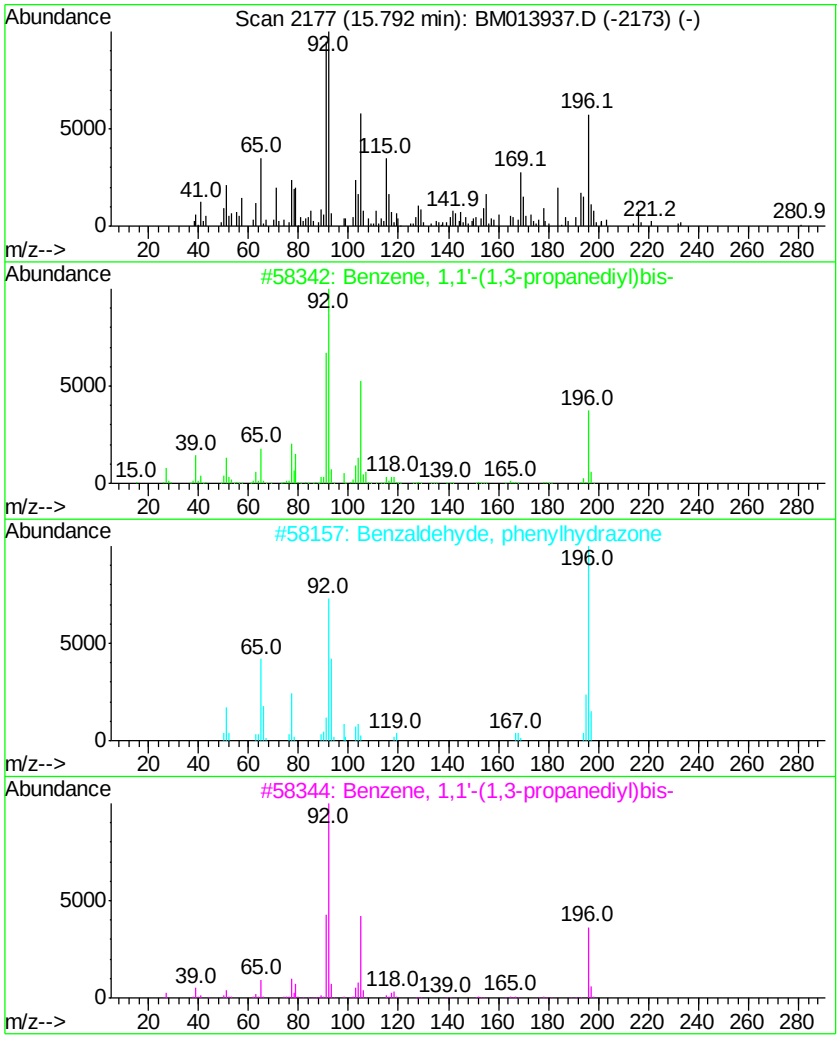
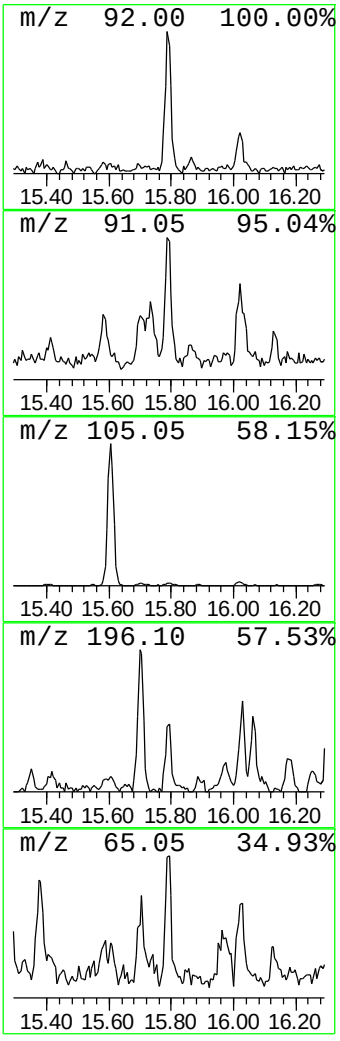
Peak Number 20 Benzene, 1,1'-(1,3-propaned... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	2.40 ng/ul	233889	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	60
2	Benzaldehyde, phenylhydrazone	196	C13H12N2	000588-64-7	49
3	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0	49
4	Benzaldehyde, phenylhydrazone	196	C13H12N2	000588-64-7	38
5	2-(4-Pyridyl)(1,2,4)triazolo(1,5...	196	C11H8N4	007211-81-6	30





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

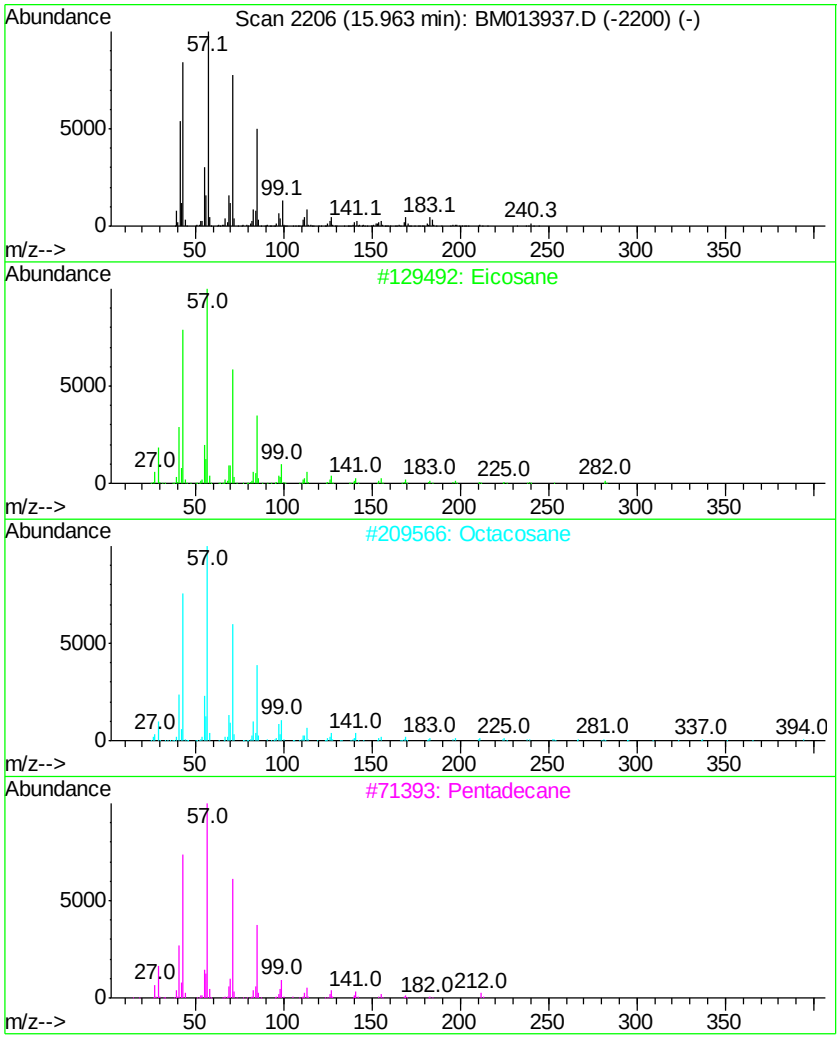
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

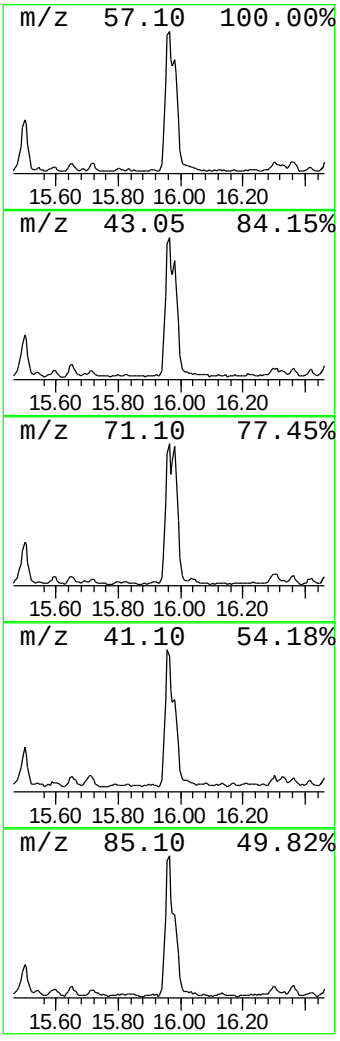
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	28.01 ng/ul	2732620	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Pentadecane	212	C15H32	000629-62-9	87
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86





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Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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

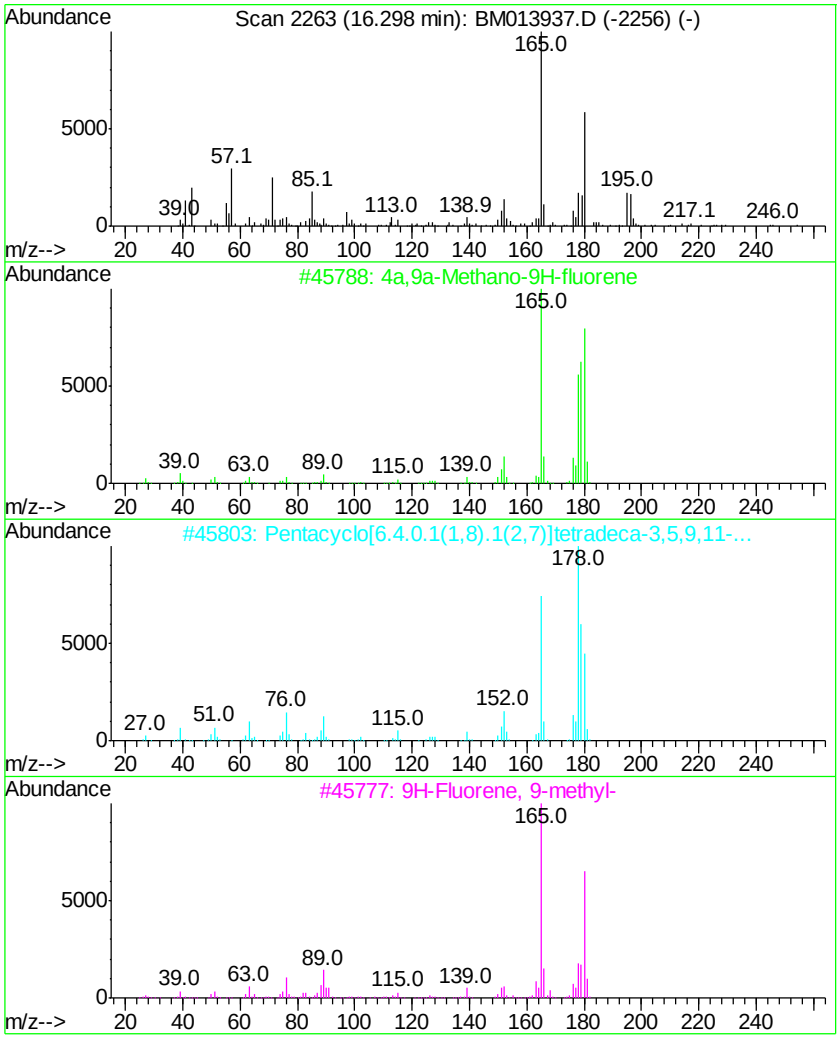
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

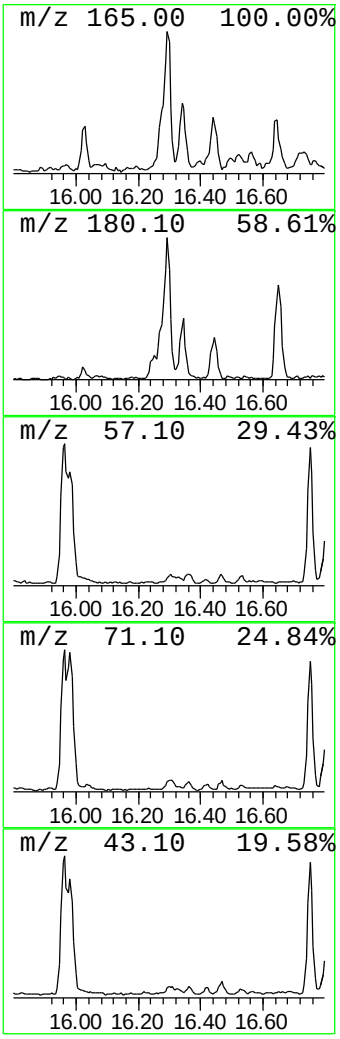
****

Peak Number 23 4a,9a-Methano-9H-fluorene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	6.01 ng/ul	586565	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	64
2	Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	64
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	62
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	62
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	62





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Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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

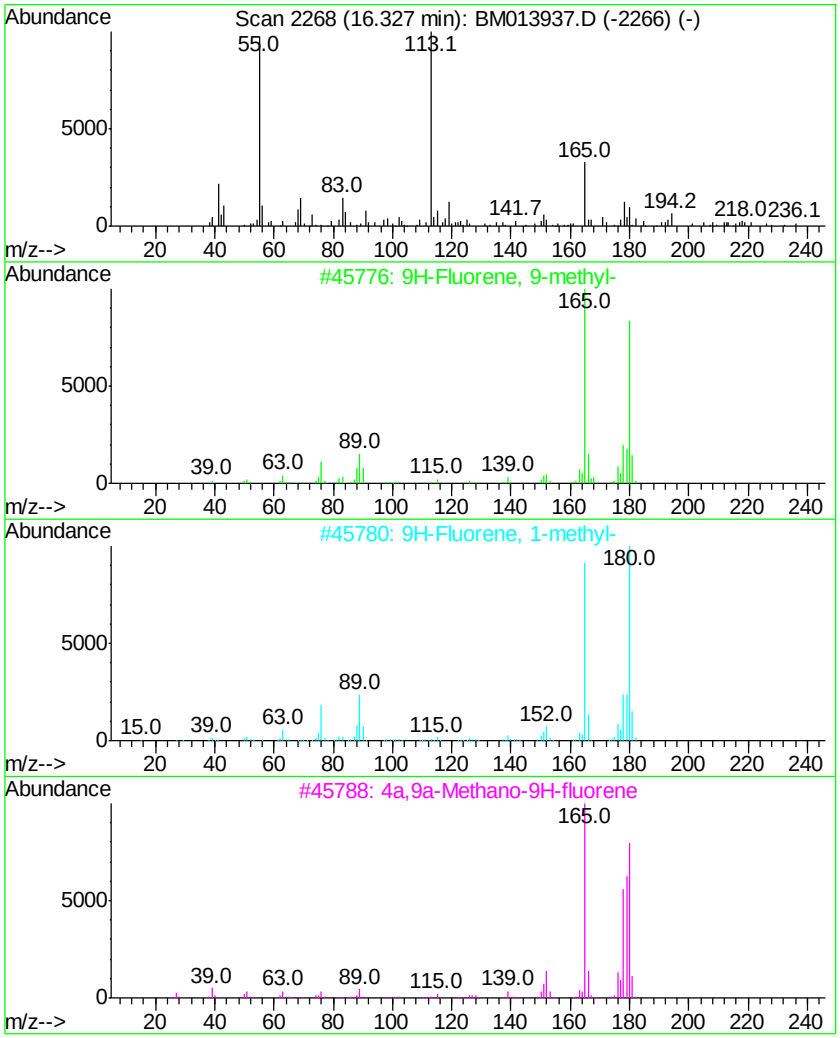
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

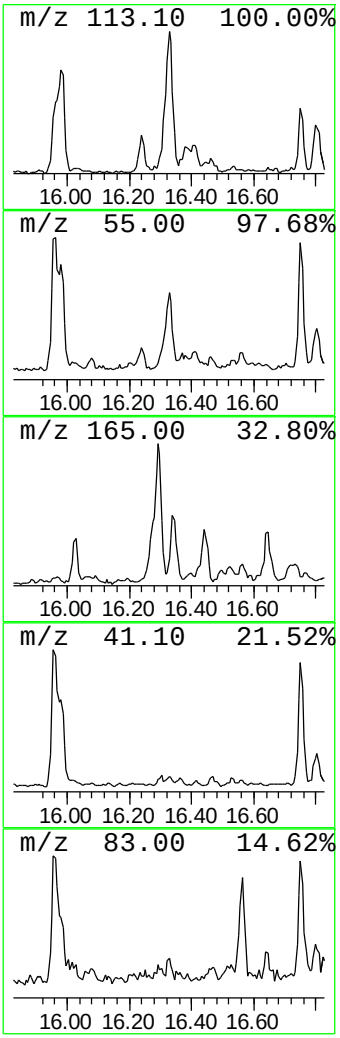
****

Peak Number 24 unknown-01 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	2.20 ng/ul	214414	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	46
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	46
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	46
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	46
5	N-Ethyl-2-methyl-4-nitroaniline	180	C9H12N2O2	088374-25-8	45





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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

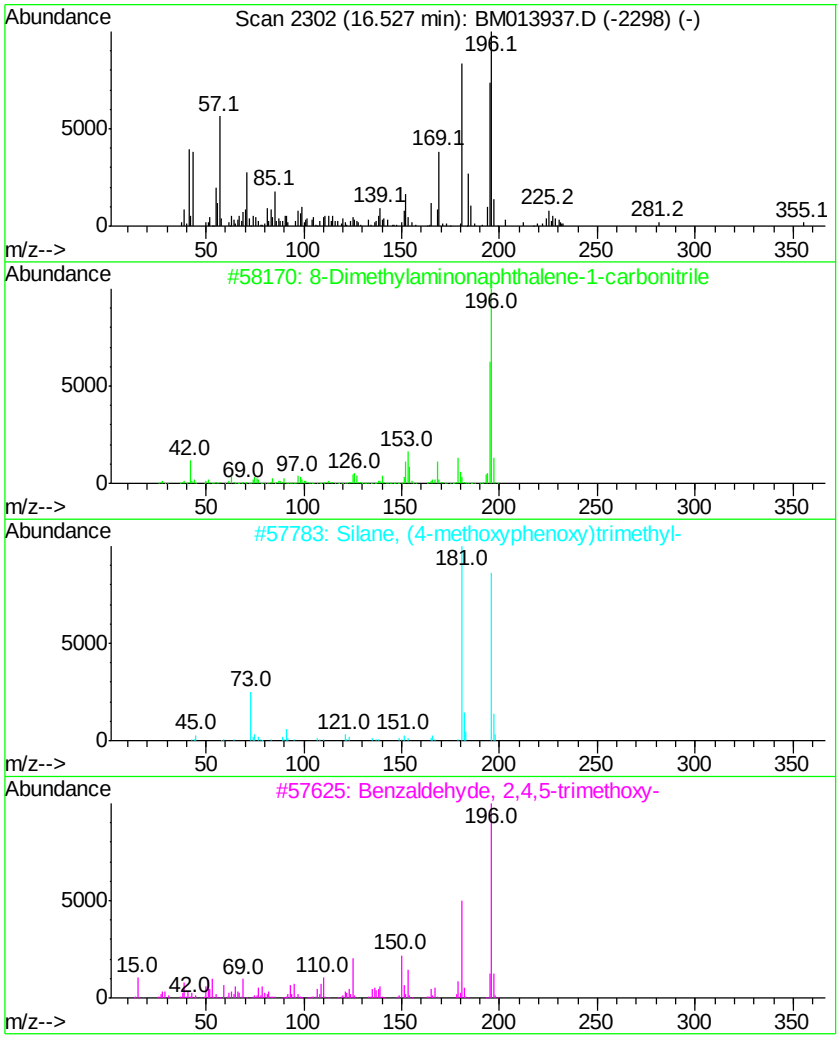
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

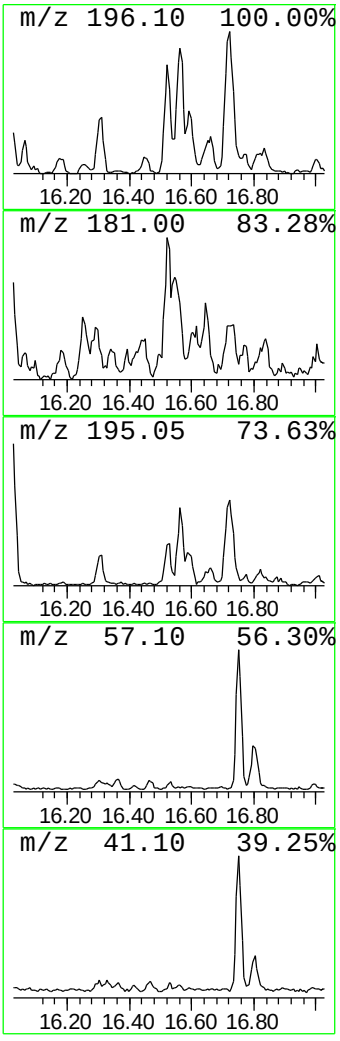
****

Peak Number 25 unknown-02 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	2.78 ng/ul	271564	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	45
2	Silane, (4-methoxyphenoxy)trimet...	196	C10H16O2Si	006689-38-9	43
3	Benzaldehyde, 2,4,5-trimethoxy-	196	C10H12O4	004460-86-0	38
4	Pentamethylmelamine	196	C8H16N6	035832-09-8	30
5	Phenazine, 5-oxide	196	C12H8N2O	000304-81-4	18





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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

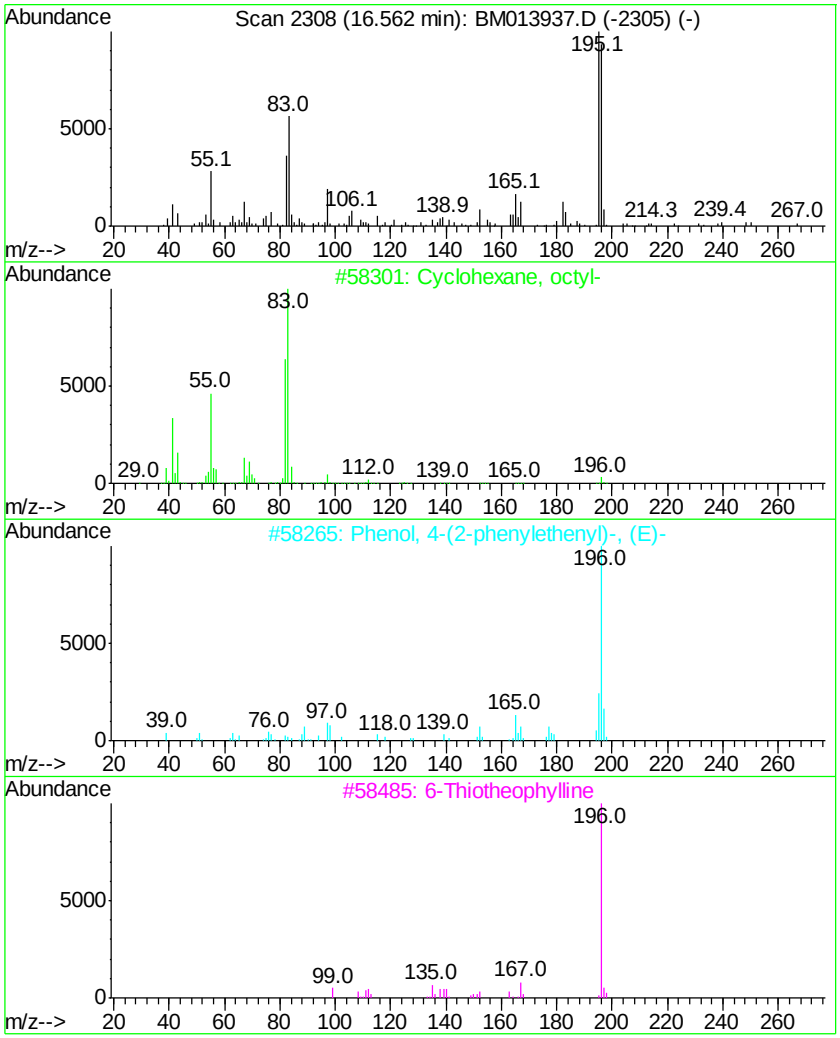
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

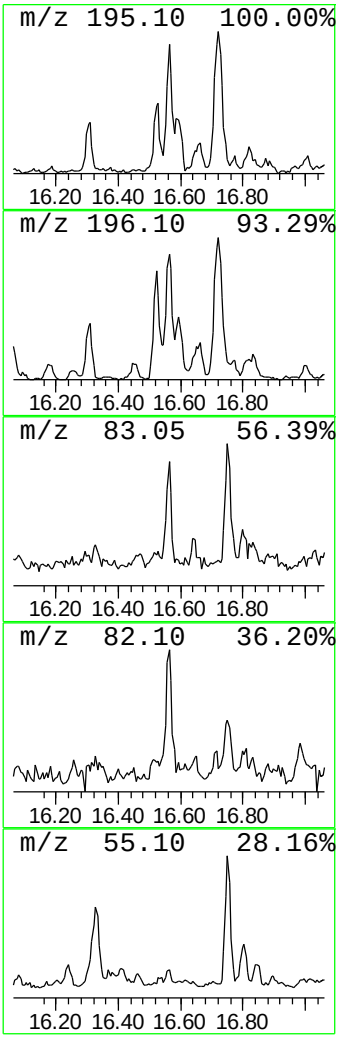
****

Peak Number 26 (DEL) Alkane: Cyclic16.56 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.49 ng/ul	242972	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	38
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	35
3	6-Thiotheophylline	196	C7H8N4OS	002398-70-1	35
4	Xanthene, 9,9-dimethyl-	210	C15H14O	019814-75-6	22
5	Carbazole, 3,4-dimethyl-	195	C14H13N	018992-72-8	22





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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

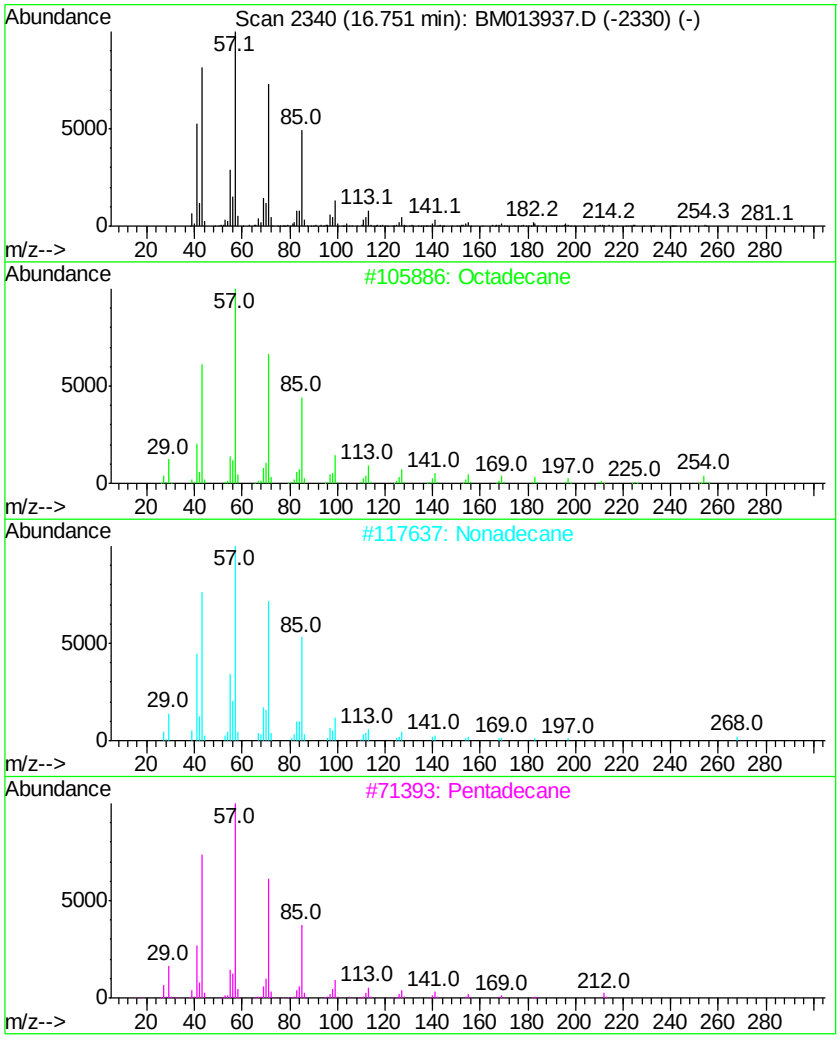
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

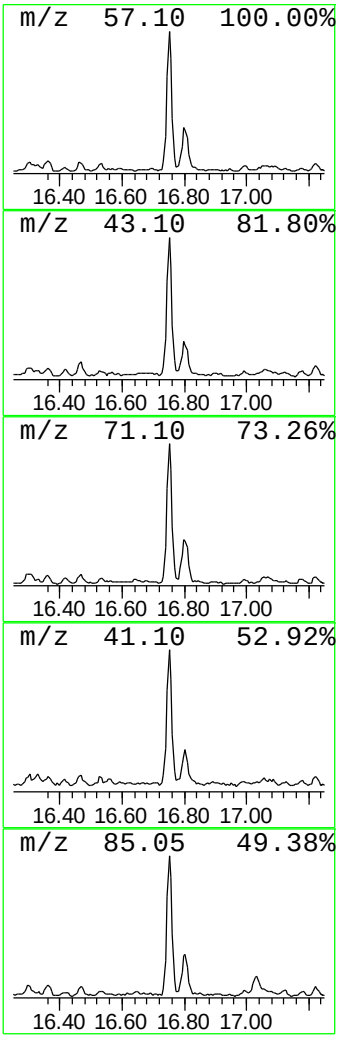
****

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	25.36 ng/ul	2473780	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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

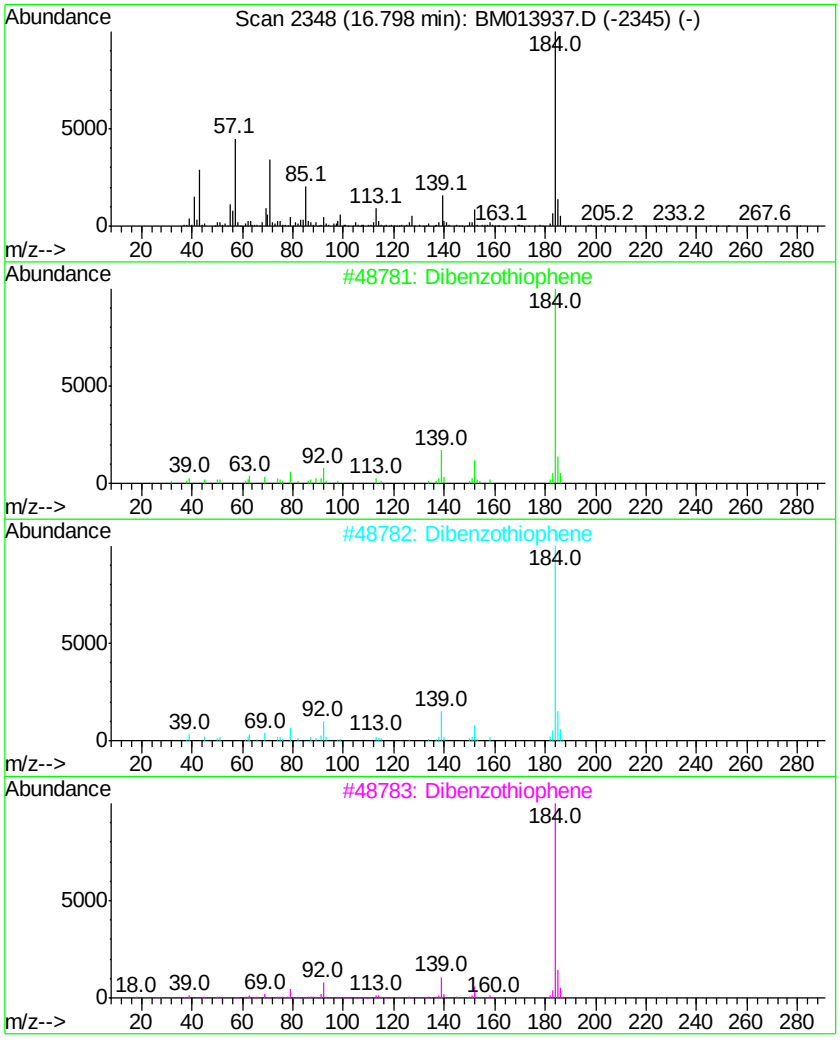
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

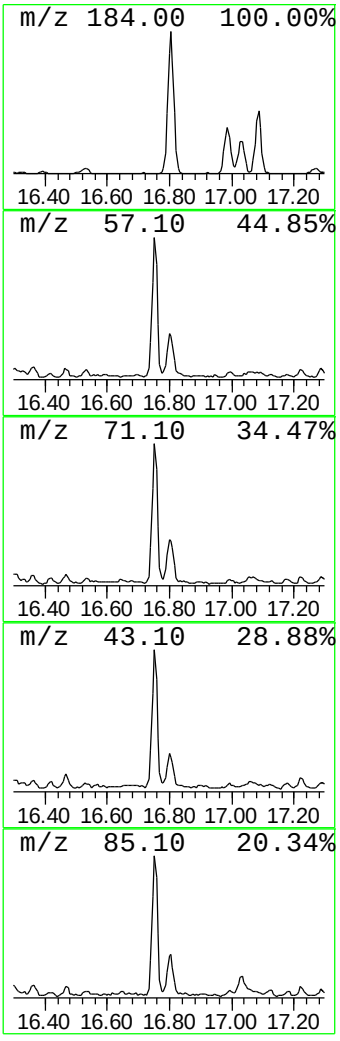
****

Peak Number 28 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	16.09 ng/ul	1569420	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	89
2	Dibenzothiophene	184	C12H8S	000132-65-0	89
3	Dibenzothiophene	184	C12H8S	000132-65-0	76
4	Dibenzothiophene	184	C12H8S	000132-65-0	76
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	76





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Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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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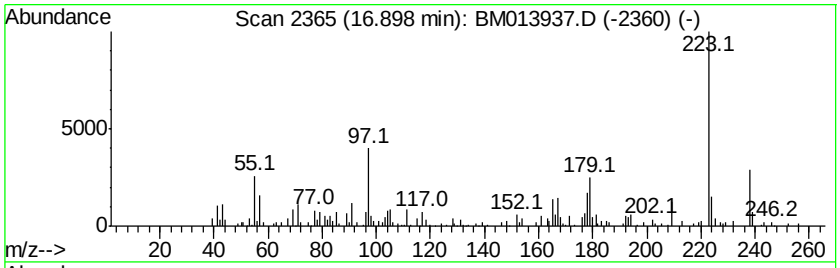
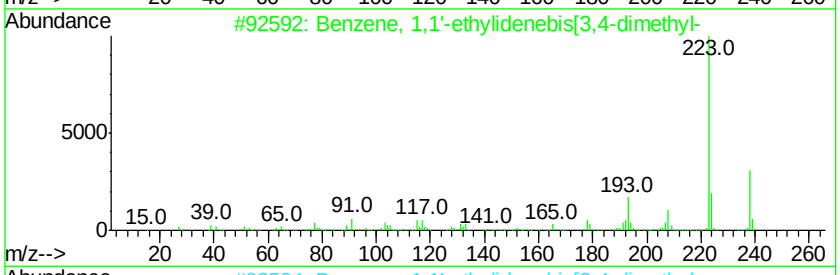
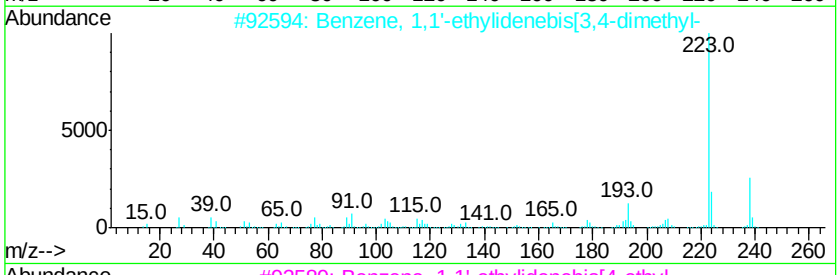
Peak Number 29 Benzene, 1,1'-ethylidenebis... Concentration Rank 49

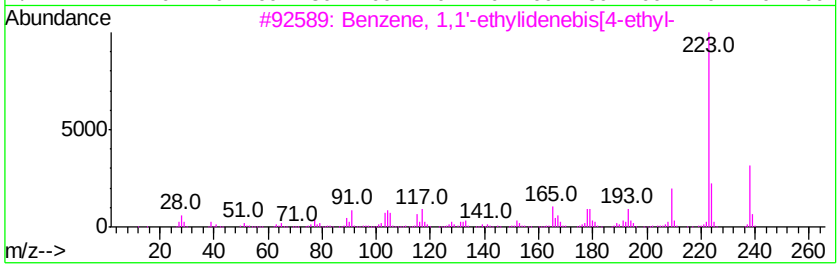
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	2.28 ng/ul	222415	Phenanthrene-d10	16.99

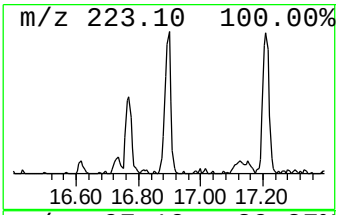
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	60
2	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	55
3	Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	50
4	4-Isopropylxanthen-9-one	238	C16H14O2	1000210-33-1	49
5	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	49

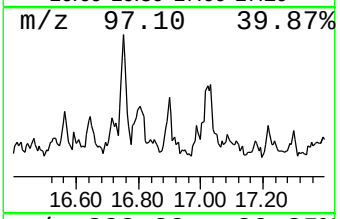


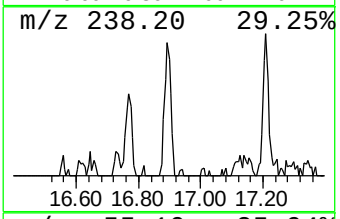


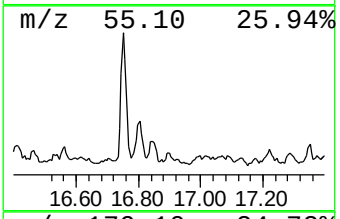


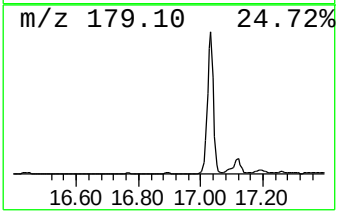












Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

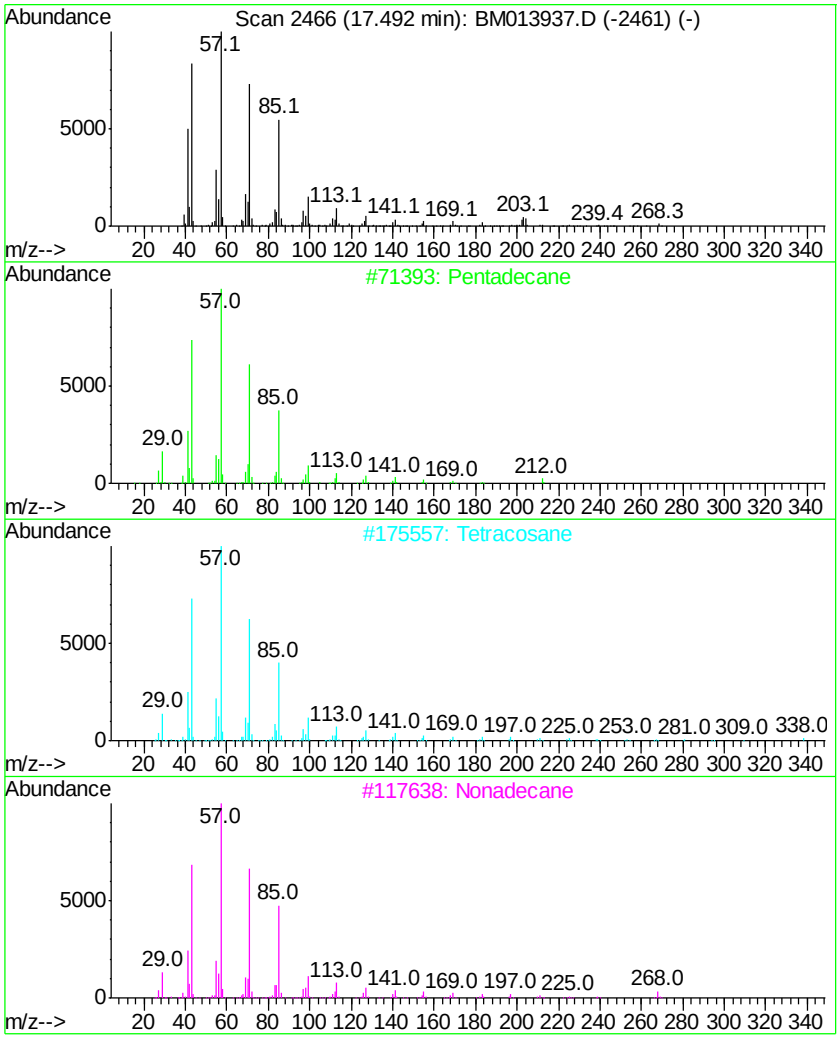
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

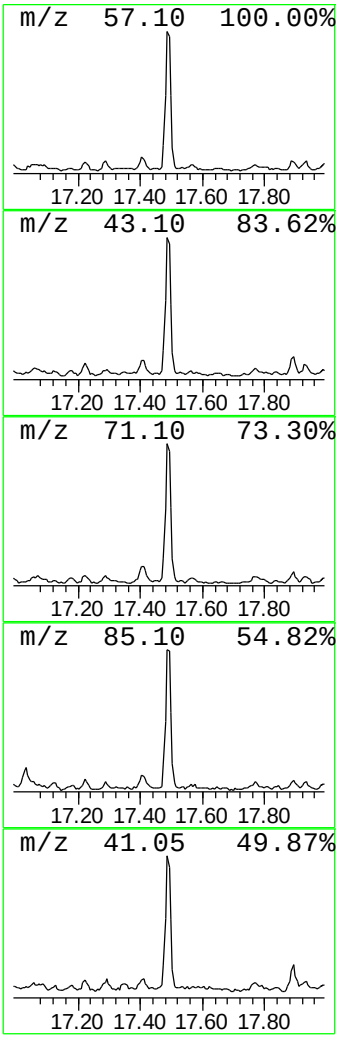
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	21.27 ng/ul	2075180	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
5	Octacosane	394	C28H58	000630-02-4	87





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Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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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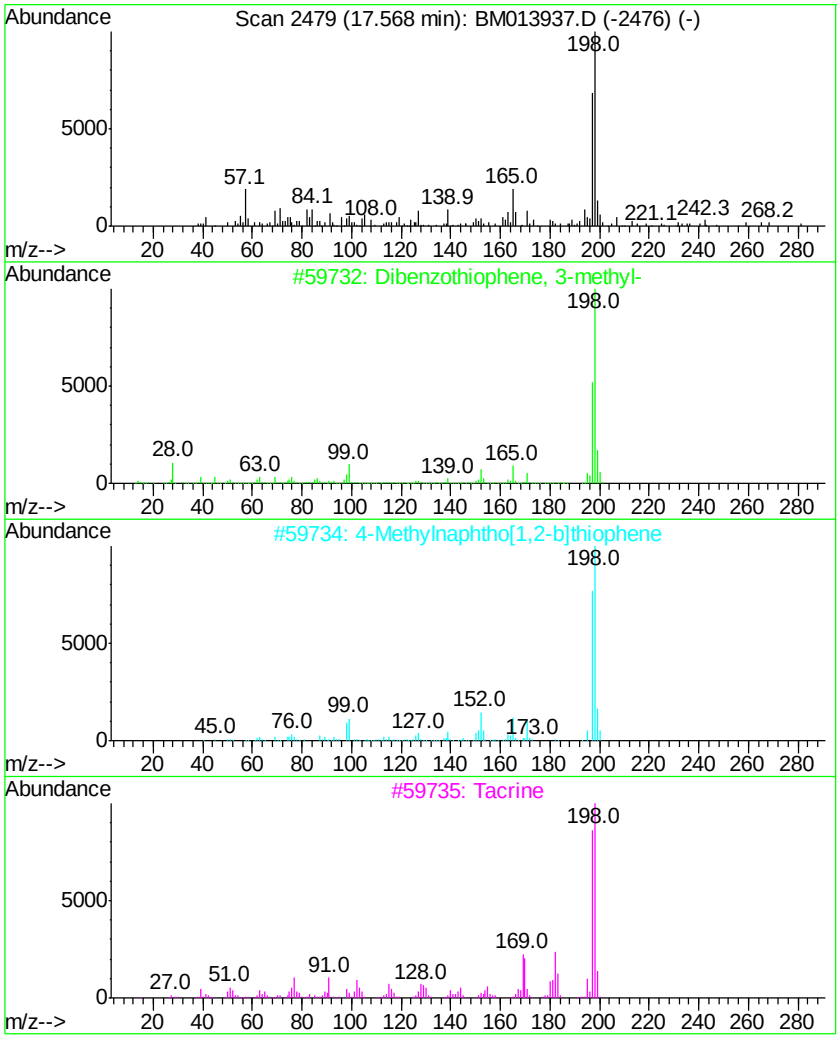
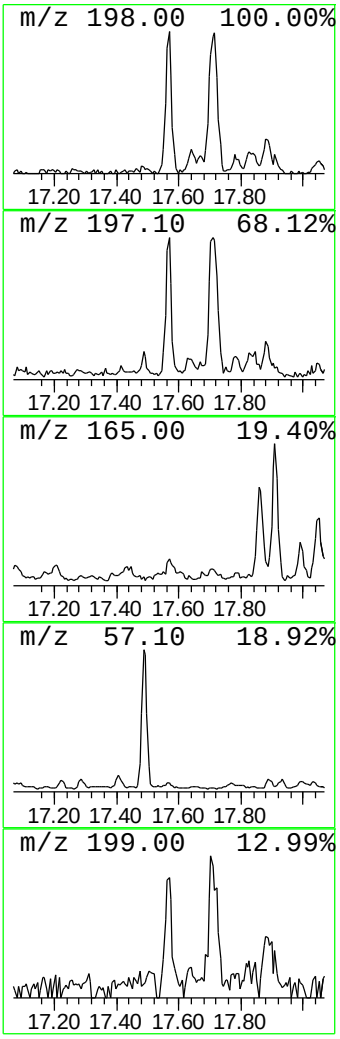
Peak Number 32 Dibenzothiophene, 3-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	3.34 ng/ul	326246	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	83
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	81
3	Tacrine	198	C13H14N2	000321-64-2	72
4	Tacrine	198	C13H14N2	000321-64-2	72
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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

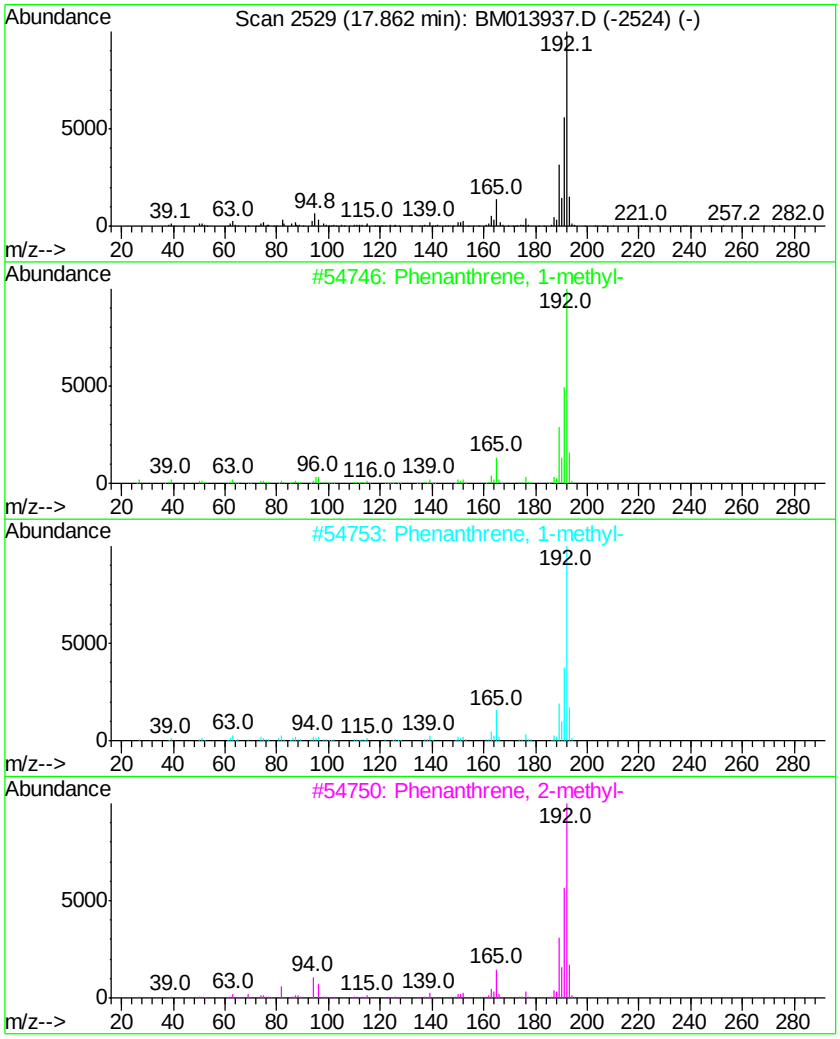
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

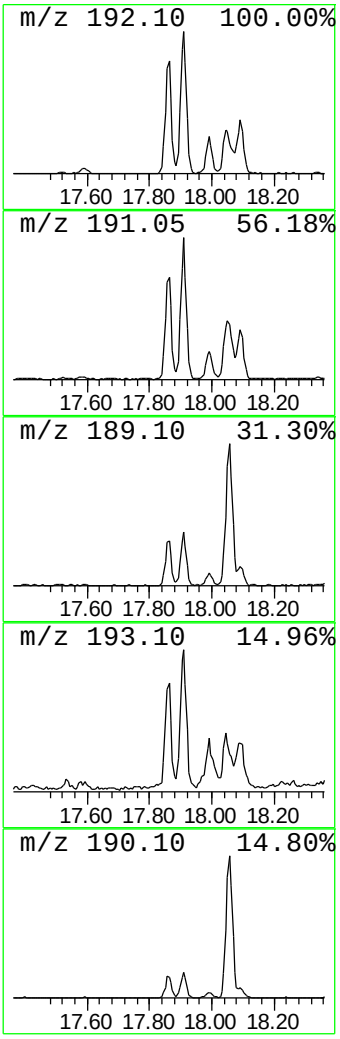
****

Peak Number 33 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	10.03 ng/ul	978400	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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

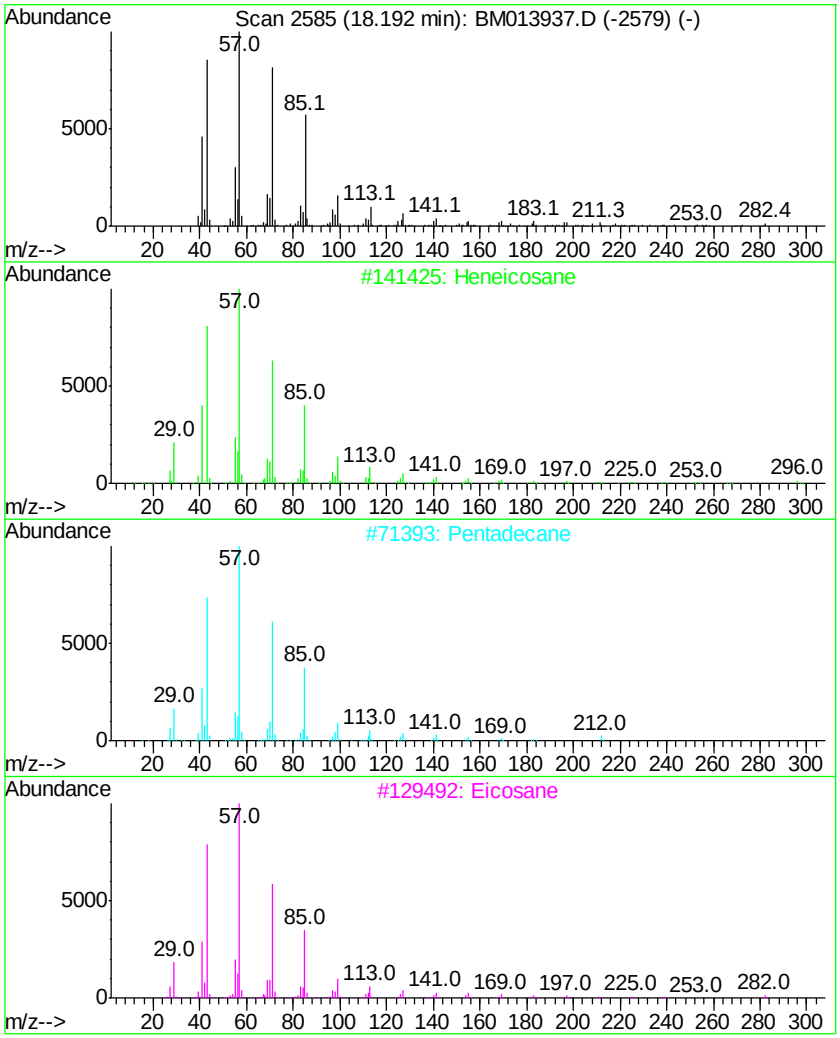
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

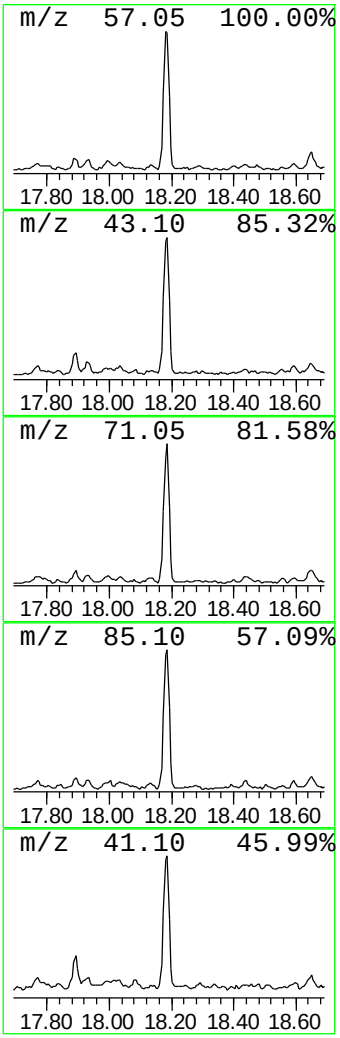
****

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	16.04 ng/ul	1564780	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexadecane	226	C16H34	000544-76-3	91





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

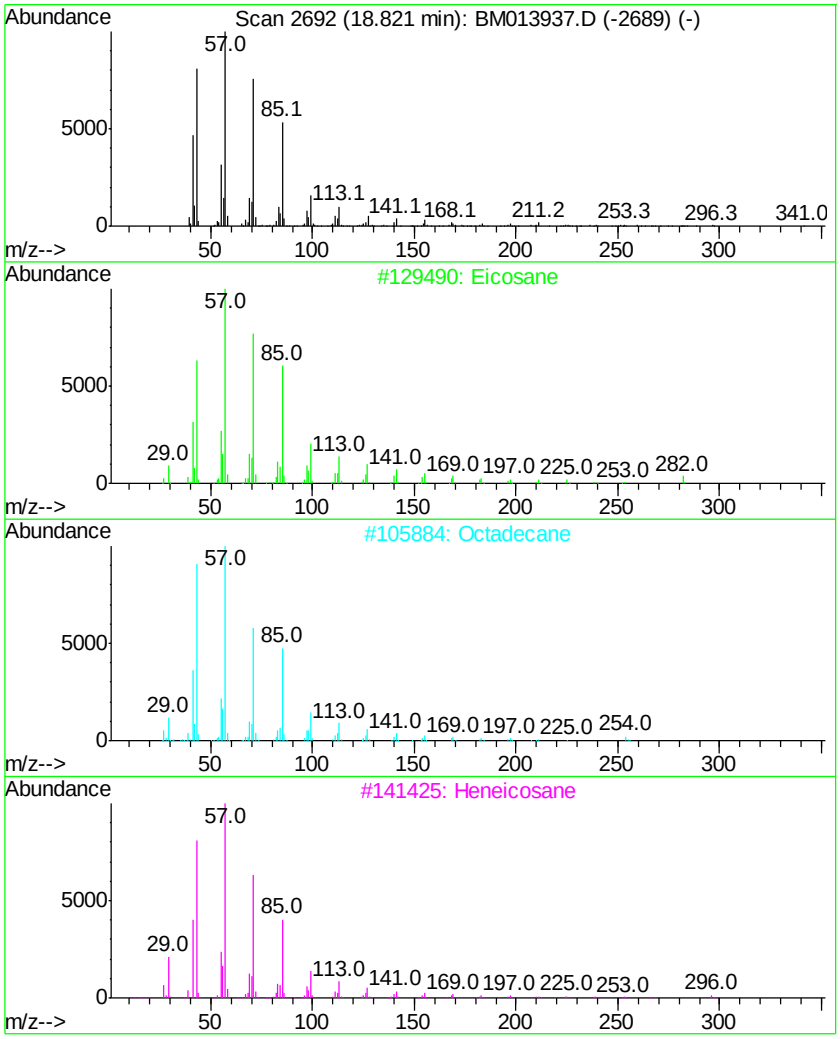
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

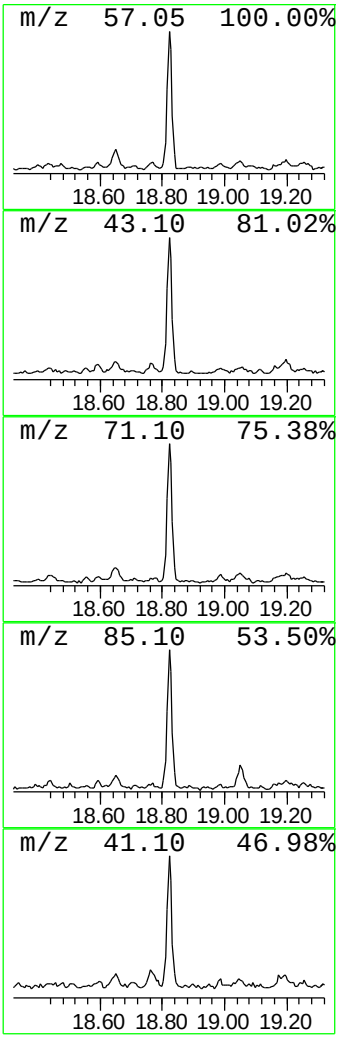
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	11.88 ng/ul	1159060	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octadecane	254	C18H38	000593-45-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

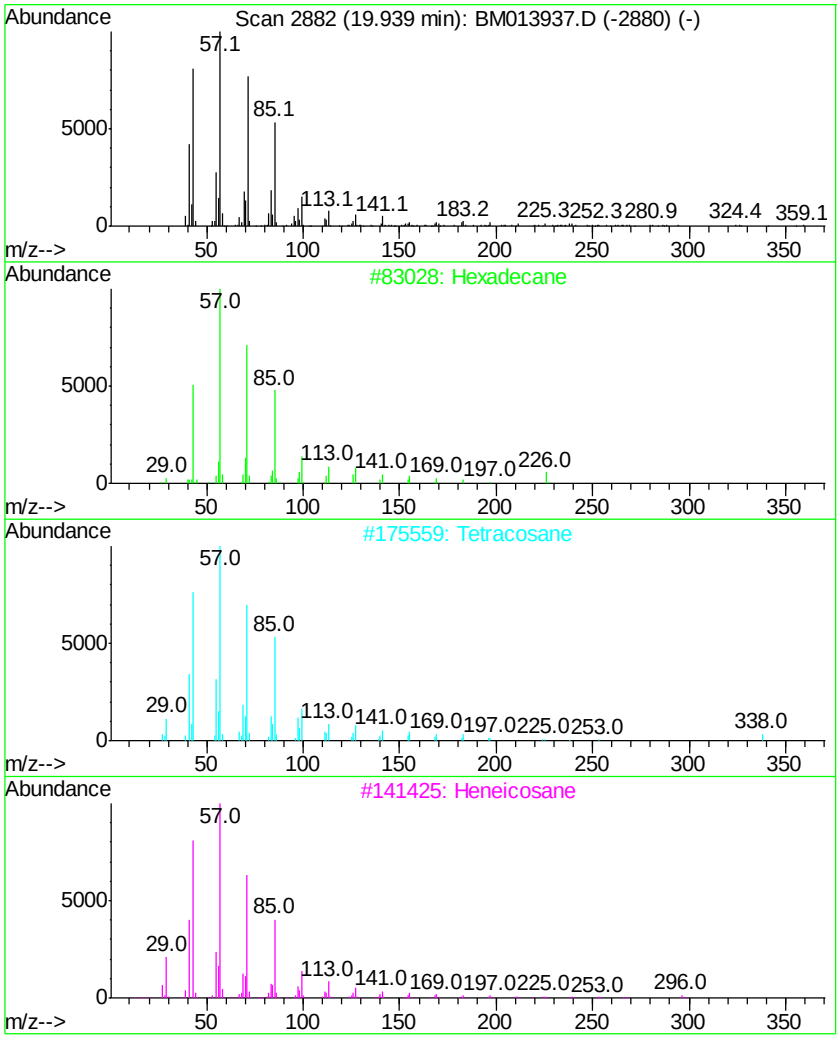
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

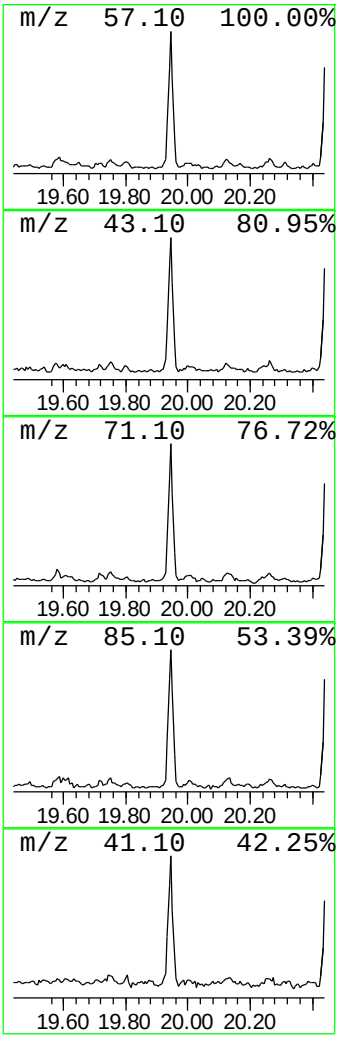
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	6.04 ng/ul	1014020	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

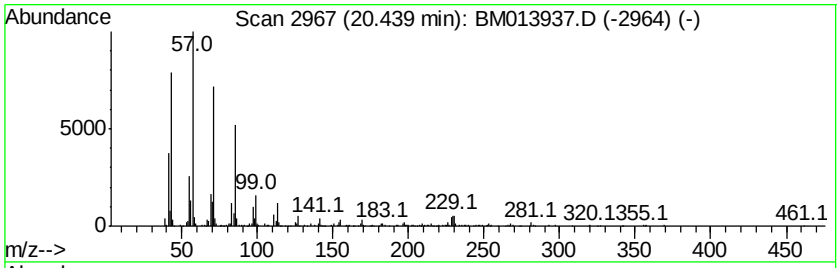
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

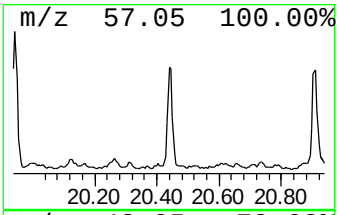
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

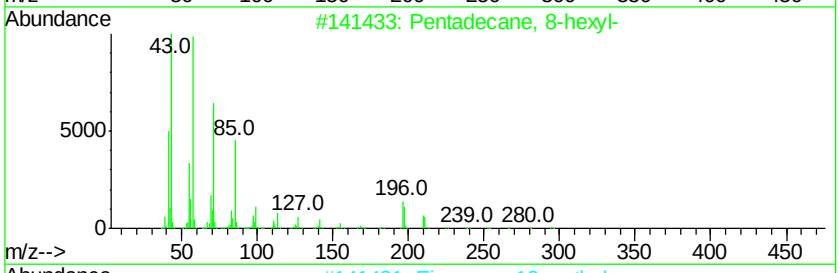
****
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 27

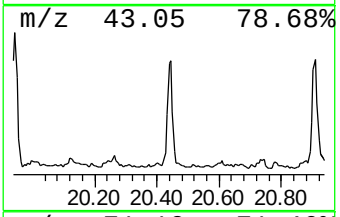
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	4.75 ng/ul	797144	Chrysene-d12	21.19

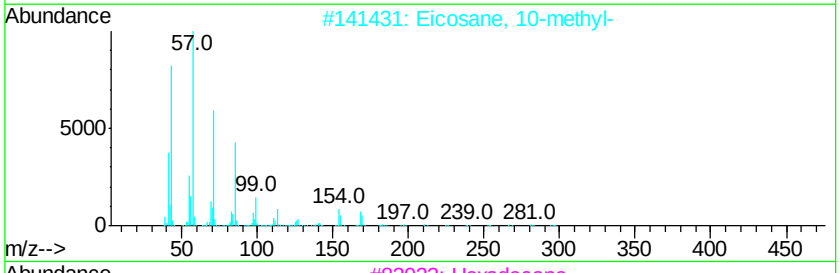
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Hexadecane	226	C16H34	000544-76-3	92
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
5	Hexacosane	366	C26H54	000630-01-3	90

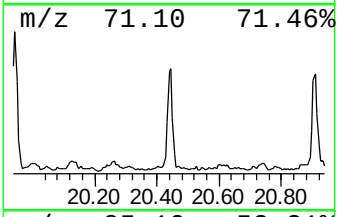


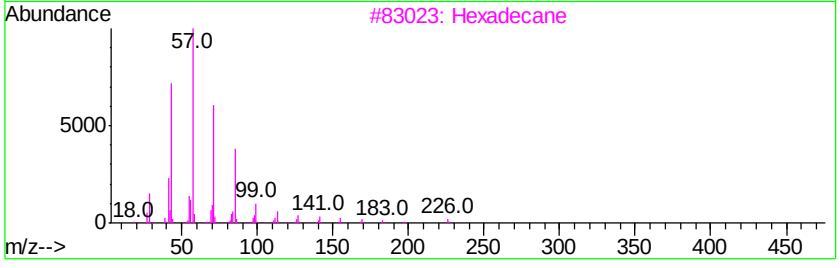


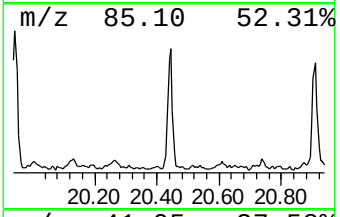


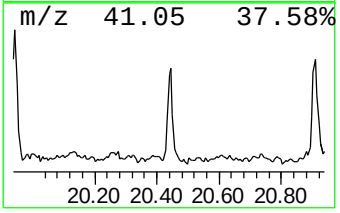












Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

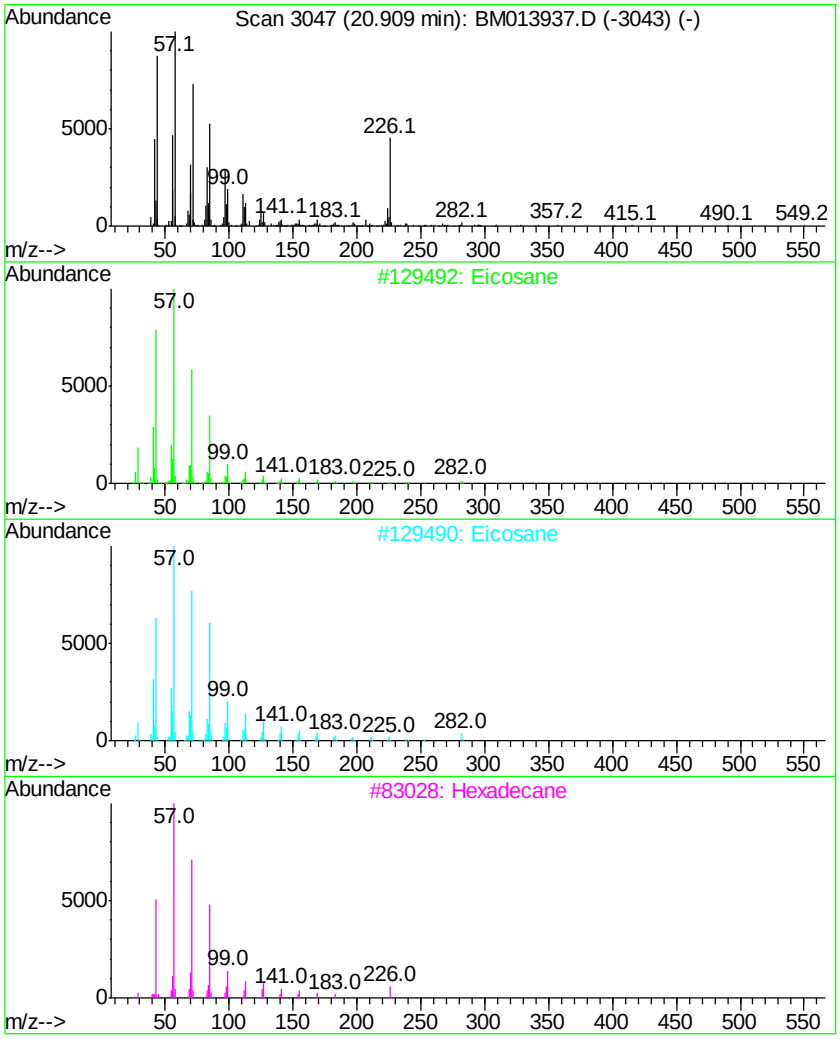
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

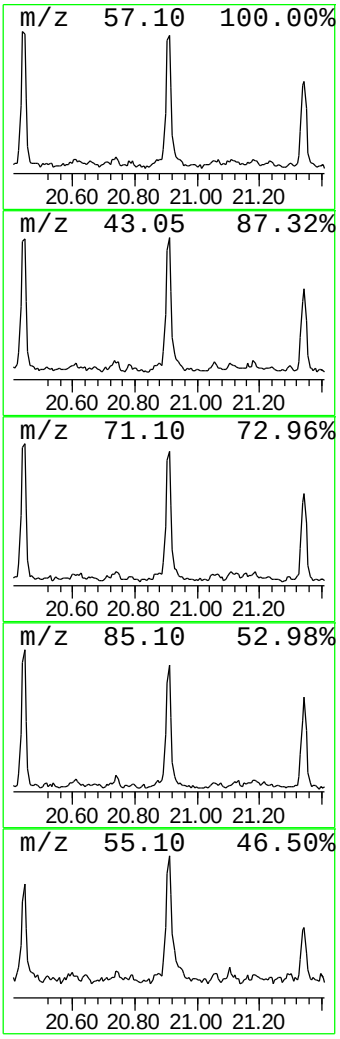
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	8.40 ng/ul	1409890	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Eicosane	282	C20H42	000112-95-8	78
3	Hexadecane	226	C16H34	000544-76-3	76
4	Hexadecane	226	C16H34	000544-76-3	72
5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	58





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

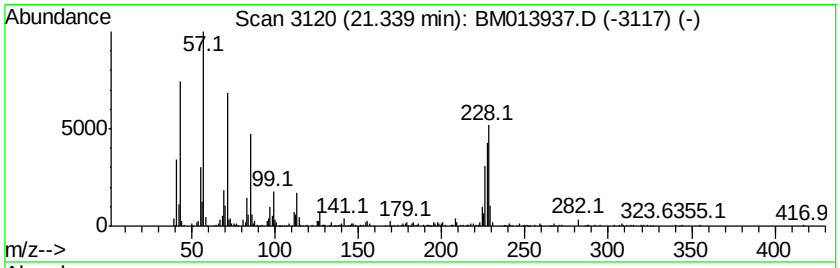
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

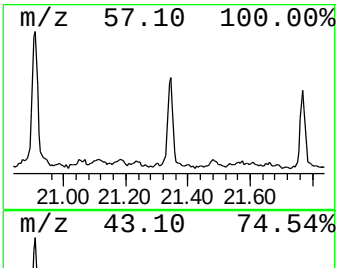
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	3.99 ng/ul	669446	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
2	Heneicosane	296	C21H44	000629-94-7	45
3	Hexacosane	366	C26H54	000630-01-3	45
4	Heneicosane	296	C21H44	000629-94-7	45
5	Octadecane	254	C18H38	000593-45-3	45





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

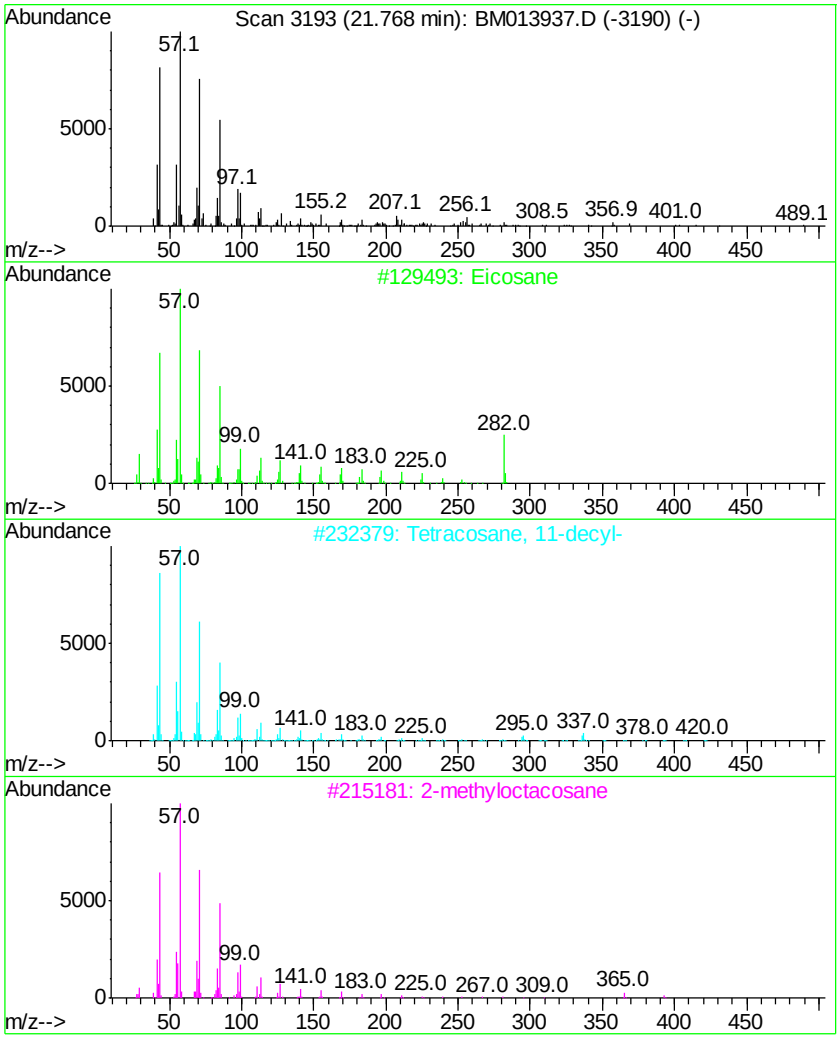
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

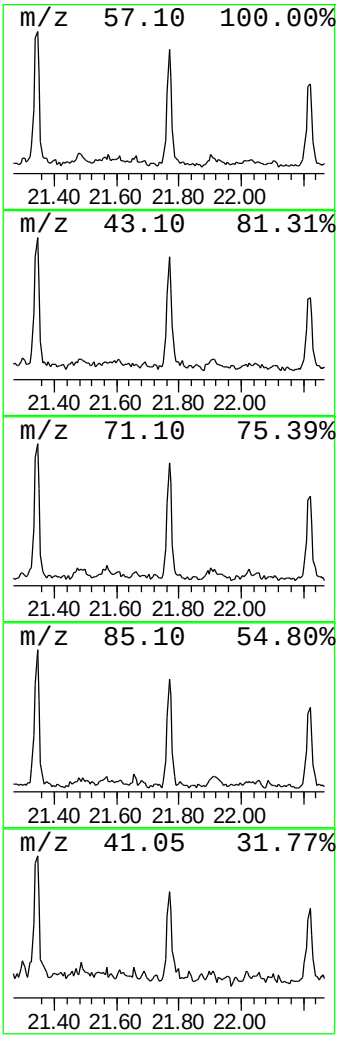
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	3.22 ng/ul	540618	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

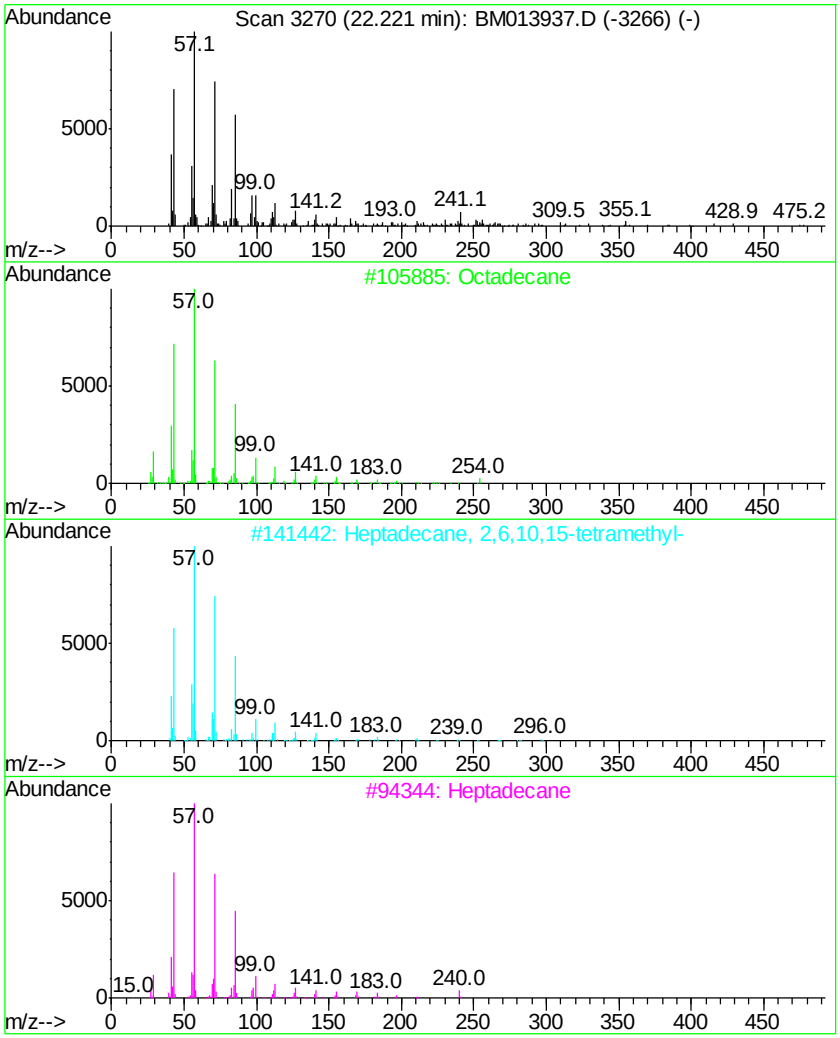
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

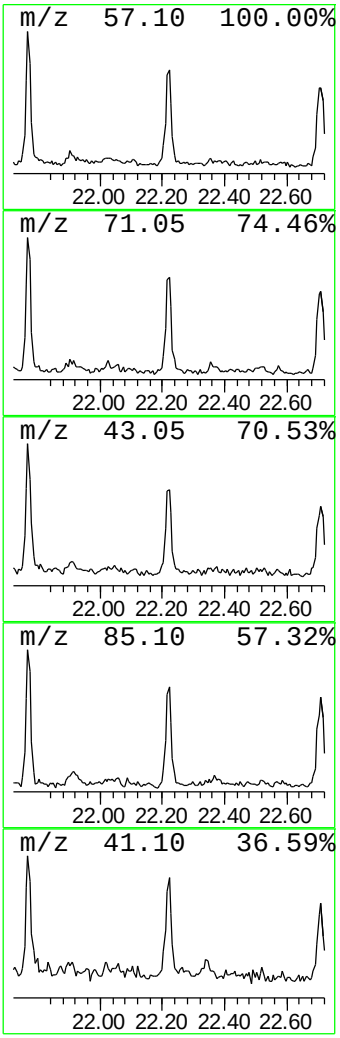
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.38 ng/ul	399559	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Heptadecane	240	C17H36	000629-78-7	93
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

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...	11.37	3.4	ng/ul	250102	2	10.35	1477860	20.0
2-Hydroxy-iso-but...	11.68	5.5	ng/ul	404262	2	10.35	1477860	20.0
(DEL) Alkane: Str...	11.78	6.4	ng/ul	474198	2	10.35	1477860	20.0
Naphthalene, 1-me...	12.25	31.3	ng/ul	2310170	2	10.35	1477860	20.0
Naphthalene, 1,3-...	13.25	4.2	ng/ul	620699	3	14.23	2924840	20.0
Naphthalene, 1,6-...	13.39	4.7	ng/ul	680887	3	14.23	2924840	20.0
Naphthalene, 2,7-...	13.60	5.2	ng/ul	759588	3	14.23	2924840	20.0
(DEL) Alkane: Str...	14.13	8.9	ng/ul	1302670	3	14.23	2924840	20.0
(DEL) Alkane: Str...	14.76	3.3	ng/ul	484400	3	14.23	2924840	20.0
Naphthalene, 1,4,...	14.86	3.0	ng/ul	433971	3	14.23	2924840	20.0
(DEL) Alkane: Str...	15.09	11.4	ng/ul	1672300	3	14.23	2924840	20.0
Diphenylmethane	15.44	2.2	ng/ul	315702	3	14.23	2924840	20.0
(DEL) Alkane: Str...	15.50	5.6	ng/ul	815914	3	14.23	2924840	20.0
Benzophenone	15.60	28.9	ng/ul	4220760	3	14.23	2924840	20.0
(4-Acetylphenyl)p...	15.70	9.8	ng/ul	959399	4	16.99	1951020	20.0
Dibenzofuran, 4-m...	15.73	10.8	ng/ul	1049070	4	16.99	1951020	20.0
Benzene, 1,1'-(1,...	15.79	2.4	ng/ul	233889	4	16.99	1951020	20.0
(DEL) Alkane: Str...	15.96	28.0	ng/ul	2732620	4	16.99	1951020	20.0
4a,9a-Methano-9H-...	16.30	6.0	ng/ul	586565	4	16.99	1951020	20.0
unknown-01	16.33	2.2	ng/ul	214414	4	16.99	1951020	20.0
unknown-02	16.53	2.8	ng/ul	271564	4	16.99	1951020	20.0
(DEL) Alkane: Cyc...	16.56	2.5	ng/ul	242972	4	16.99	1951020	20.0
(DEL) Alkane: Str...	16.75	25.4	ng/ul	2473780	4	16.99	1951020	20.0
Dibenzothiophene	16.80	16.1	ng/ul	1569420	4	16.99	1951020	20.0
Benzene, 1,1'-eth...	16.90	2.3	ng/ul	222415	4	16.99	1951020	20.0
(DEL) Alkane: Str...	17.49	21.3	ng/ul	2075180	4	16.99	1951020	20.0
Dibenzothiophene,...	17.57	3.3	ng/ul	326246	4	16.99	1951020	20.0
Phenanthrene, 1-m...	17.86	10.0	ng/ul	978400	4	16.99	1951020	20.0
(DEL) Alkane: Str...	18.19	16.0	ng/ul	1564780	4	16.99	1951020	20.0
(DEL) Alkane: Str...	18.82	11.9	ng/ul	1159060	4	16.99	1951020	20.0
(DEL) Alkane: Str...	19.94	6.0	ng/ul	1014020	5	21.19	3356290	20.0
(DEL) Alkane: Str...	20.44	4.8	ng/ul	797144	5	21.19	3356290	20.0
(DEL) Alkane: Str...	20.91	8.4	ng/ul	1409890	5	21.19	3356290	20.0
(DEL) Alkane: Str...	21.34	4.0	ng/ul	669446	5	21.19	3356290	20.0
(DEL) Alkane: Str...	21.77	3.2	ng/ul	540618	5	21.19	3356290	20.0
(DEL) Alkane: Str...	22.22	2.4	ng/ul	399559	5	21.19	3356290	20.0