LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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	6.769	637	643	656	rVB3	39422	104231	2.42%	0.187%
2	7.110	696	701	708	rBV3	58320	108933	2.52%	0.196%
3	7.569	773	779	794	rVB	377713	684155	15.85%	1.229%
4	8.298	898	903	913	rBV6	43464	112325	2.60%	0.202%
5	8.734	972	977	981	rBV3	48795	96197	2.23%	0.173%
6	8.781	981	985	993	rVB3	41436	75302	1.75%	0.135%
7	9.451	1092	1099	1108	rBV4	46285	104546	2.42%	0.188%
8	9.998	1183	1192	1202	rBV8	49222	166172	3.85%	0.299%
9	10.339	1240	1250	1254	rBV	572600	1092704	25.32%	1.964%
10	10.392	1254	1259	1266	rVB	725801	1243444	28.81%	2.235%
11	10.510	1272	1279	1288	rBV6	60672	148679	3.45%	0.267%
12	11.357	1415	1423	1428	rBV2	73593	123325	2.86%	0.222%
13	11.769	1483	1493	1500	rBV	186404	317297	7.35%	0.570%
14	12.010	1528	1534	1551	rVB	1117682	1858213	43.06%	3.339%
15	12.233	1563	1572	1582	rBV	536841	951178	22.04%	1.709%
16	12.598	1630	1634	1645	rVB6	40902	88479	2.05%	0.159%
17	12.739	1654	1658	1664	rVV	87109	127357	2.95%	0.229%
18	13.039	1701	1709	1717	rVV2	457467	786846	18.23%	1.414%
19	13.245	1740	1744	1754	rVB	107629	234180	5.43%	0.421%
20	13.380	1759	1767	1768	rBV3	167437	259494	6.01%	0.466%
21	13.533	1788	1793	1799	rBV	247306	466133	10.80%	0.838%
22	13.592	1799	1803	1807	rVV	176792	321124	7.44%	0.577%
23	13.639	1807	1811	1816	rVV	174212	331254	7.68%	0.595%
24	13.698	1816	1821	1826	rVV4	217386	386684	8.96%	0.695%
25	13.745	1826	1829	1832	rVV3	64908	104948	2.43%	0.189%
26	13.774	1832	1834	1838	rVV2	90138	127406	2.95%	0.229%
27	13.816	1838	1841	1847	rVB6	46954	76593	1.77%	0.138%
28	13.916	1852	1858	1861	rBV	192939	305229	7.07%	0.549%
29	14.033	1875	1878	1888	rVB7	46712	91026	2.11%	0.164%
30	14.127	1888	1894	1898	rBV	514421	689110	15.97%	1.238%
31	14.222	1899	1910	1916	rVV4	903168	1836355	42.55%	3.300%
32	14.286	1916	1921	1930	rVV	603559	1006444	23.32%	1.809%
33	14.433	1942	1946	1955	rVB4	52736	125797	2.92%	0.226%
34	14.533	1955	1963	1966	rBV8	46937	123920	2.87%	0.223%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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	1967	1971	1973	rVV5	61433	103967	2.41%	0.187%
36	14.627	1974	1979	1987	rVV	778615	1178102	27.30%	2.117%
37	14.704	1987	1992	1996	rVV3	60538	121566	2.82%	0.218%
38	14.751	1996	2000	2006	rVB3	123926	183928	4.26%	0.331%
39	14.851	2013	2017	2022	rVB6	60141	100599	2.33%	0.181%
40	14.998	2036	2042	2044	rBV6	61657	92986	2.15%	0.167%
41	15.086	2050	2057	2062	rVB	636794	838974	19.44%	1.508%
42	15.221	2075	2080	2084	rVB2	270425	378243	8.77%	0.680%
43	15.274	2084	2089	2096	rBV	566311	841810	19.51%	1.513%
44	15.386	2103	2108	2109	rBV5	61035	98195	2.28%	0.176%
45	15.439	2114	2117	2120	rVV3	92910	140001	3.24%	0.252%
46	15.492	2120	2126	2130	rVV	242965	413663	9.59%	0.743%
47	15.527	2130	2132	2136	rVV5	81067	93453	2.17%	0.168%
48	15.574	2136	2140	2147	rVB	221064	360726	8.36%	0.648%
49	15.639	2148	2151	2155	rBV3	61742	89091	2.06%	0.160%
50	15.692	2155	2160	2163	rVV2	298947	449495	10.42%	0.808%
51	15.721	2163	2165	2172	rVV2	208107	372530	8.63%	0.669%
52	15.786	2172	2176	2178	rVV3	53918	80102	1.86%	0.144%
53	15.951	2198	2204	2212	rBV2	953190	1954016	45.28%	3.511%
54	16.015	2212	2215	2220	rVB3	169670	229551	5.32%	0.413%
55	16.286	2257	2261	2265	rBV5	88456	140101	3.25%	0.252%
56	16.521	2296	2301	2304	rVV6	74040	126603	2.93%	0.228%
57	16.551	2304	2306	2310	rVB4	83988	101452	2.35%	0.182%
58	16.645	2316	2322	2328	rVB6	132748	234808	5.44%	0.422%
59	16.745	2328	2339	2343	rBV	783625	1163064	26.95%	2.090%
60	16.792	2343	2347	2357	rVB2	380781	651116	15.09%	1.170%
61	16.974	2373	2378	2382	rBV	1202435	1798850	41.69%	3.233%
62	17.021	2382	2386	2391	rVV	3163162	4315286	100.00%	7.755%
63	17.074	2391	2395	2398	rVV2	333924	507786	11.77%	0.913%
64	17.110	2398	2401	2407	rVB	386991	584405	13.54%	1.050%
65	17.210	2413	2418	2425	rVB7	101341	189794	4.40%	0.341%
66	17.280	2425	2430	2433	rBV6	62365	91758	2.13%	0.165%
67	17.398	2445	2450	2459	rVV3	122231	288158	6.68%	0.518%
68	17.480	2459	2464	2471	rVV	829512	1056981	24.49%	1.899%
69	17.562	2475	2478	2486	rVB8	62545	144965	3.36%	0.261%
70	17.757	2508	2511	2517	rBV8	47204	86263	2.00%	0.155%
71	17.851	2522	2527	2531	rBV	261176	410085	9.50%	0.737%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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	17.904	2531	2536	2542	rVB	355962	604343	14.00%	1.086%
73	17.986	2546	2550	2554	rBV	92544	125118	2.90%	0.225%
74	18.051	2555	2561	2565	rBV2	297660	523782	12.14%	0.941%
75	18.174	2577	2582	2586	rBV	763086	890117	20.63%	1.600%
76	18.362	2609	2614	2620	rBV	200321	317392	7.36%	0.570%
77	18.780	2677	2685	2687	rBV3	89787	181063	4.20%	0.325%
78	18.815	2687	2691	2698	rVB	744627	896645	20.78%	1.611%
79	18.933	2706	2711	2715	rBV7	47826	86246	2.00%	0.155%
80	19.045	2724	2730	2738	rBV	2307189	3171235	73.49%	5.699%
81	19.151	2745	2748	2752	rBV6	40583	76733	1.78%	0.138%
82	19.404	2782	2791	2801	rBV3	1792242	3659361	84.80%	6.576%
83	19.486	2802	2805	2812	rVB2	87382	116535	2.70%	0.209%
84	19.598	2816	2824	2831	rBV2	114412	264381	6.13%	0.475%
85	19.739	2838	2848	2855	rBV7	127009	391199	9.07%	0.703%
86	19.933	2878	2881	2887	rVB	601190	766545	17.76%	1.378%
87	20.009	2890	2894	2899	rBV	146769	192897	4.47%	0.347%
88	20.068	2901	2904	2907	rVB2	67472	90579	2.10%	0.163%
89	20.256	2933	2936	2941	rVB6	65688	76535	1.77%	0.138%
90	20.433	2962	2966	2972	rBV	528230	623241	14.44%	1.120%
91	20.868	3036	3040	3042	rBV2	93567	117595	2.73%	0.211%
92	20.898	3042	3045	3050	rVB2	453056	519645	12.04%	0.934%
93	21.180	3086	3093	3097	rBV2	1724708	2695841	62.47%	4.845%
94	21.215	3097	3099	3106	rVB	287642	365507	8.47%	0.657%
95	21.333	3116	3119	3123	rVB	426116	462321	10.71%	0.831%
96	21.762	3188	3192	3196	rVB	271622	329667	7.64%	0.592%
97	22.209	3264	3268	3277	rVB3	206596	285495	6.62%	0.513%
98	22.697	3348	3351	3359	rBV3	167744	365553	8.47%	0.657%
99	23.227	3436	3441	3454	rVB3	340618	857876	19.88%	1.542%
100	23.362	3458	3464	3471	rVB	1079389	1906324	44.18%	3.426%

Sum of corrected areas: 55647324

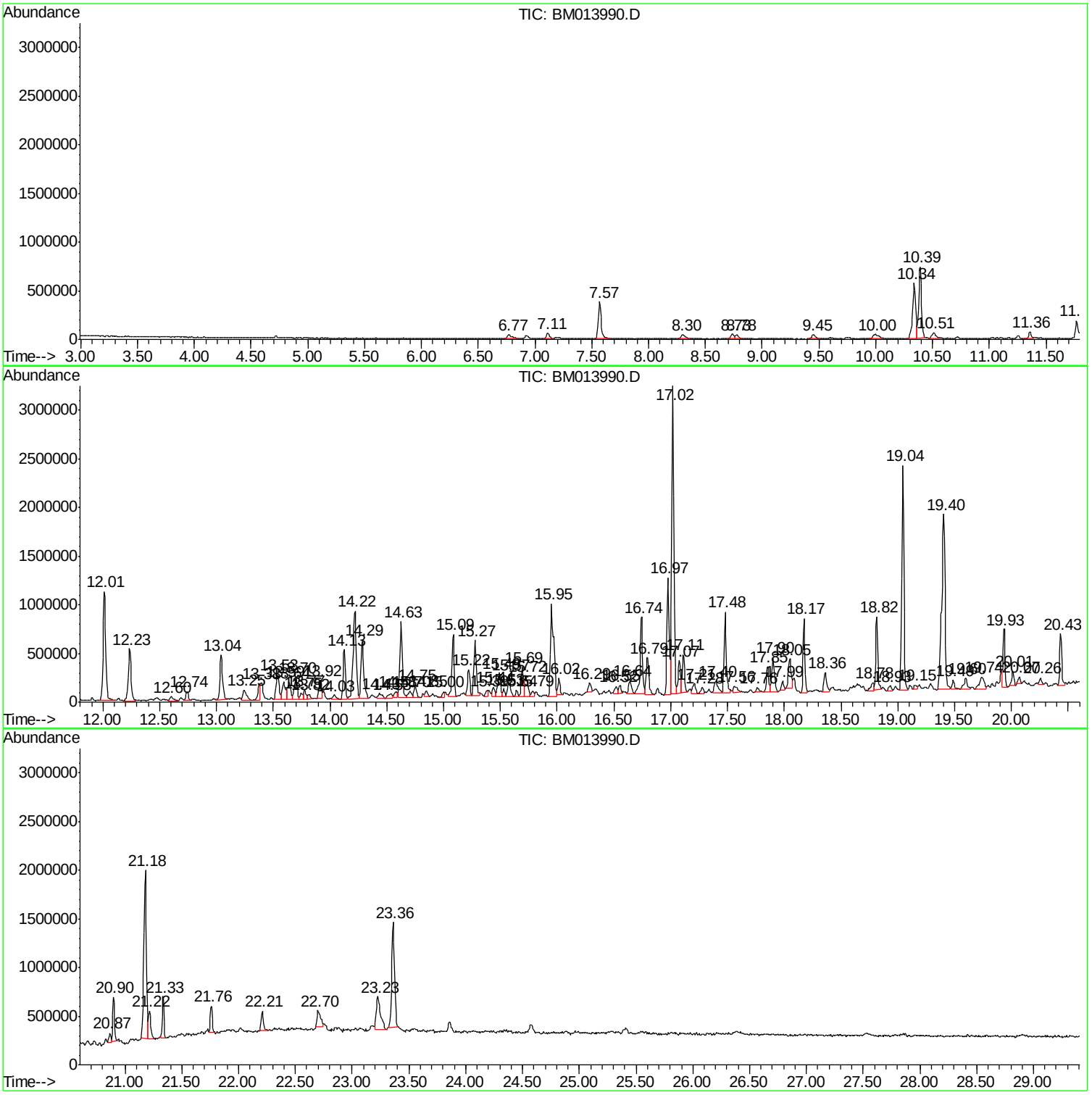
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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 : Z:\HPCHEM1\BNA_M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

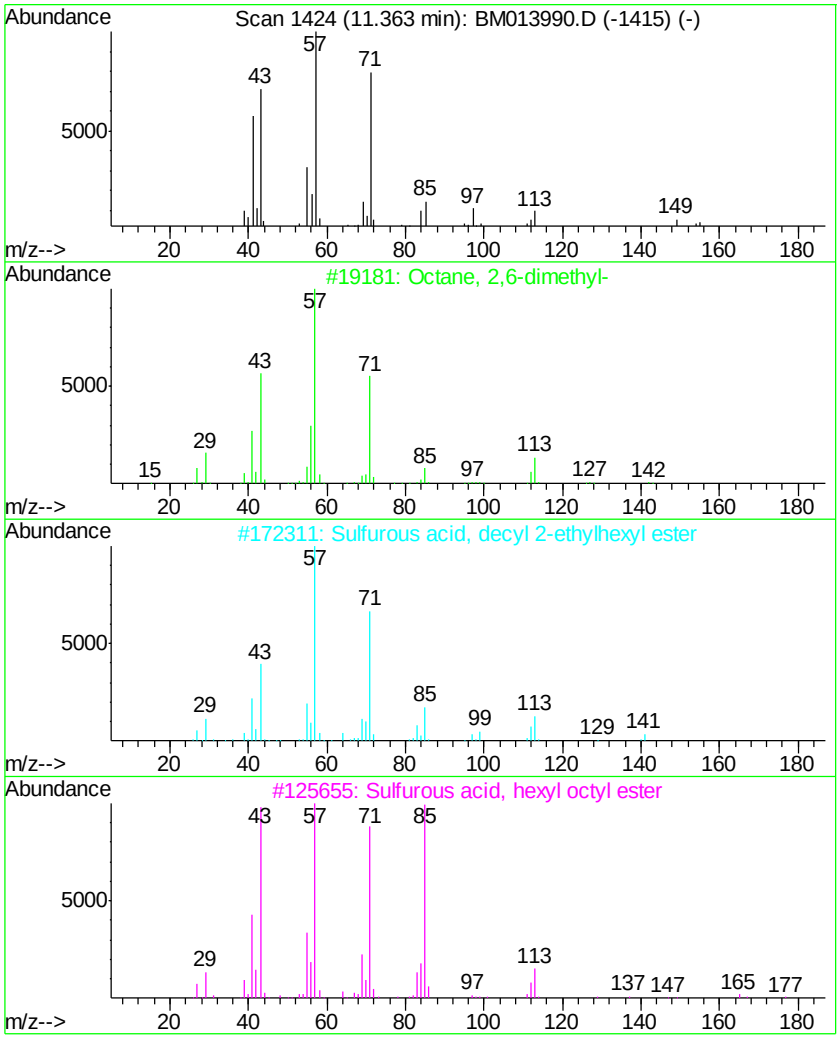
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

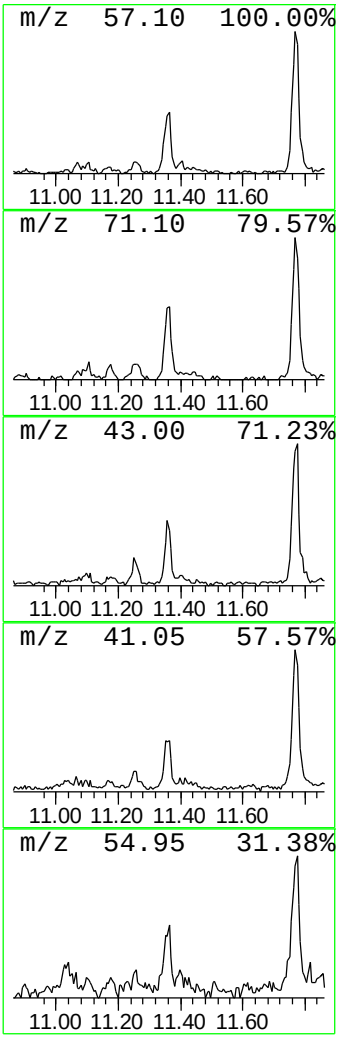
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	2.26 ng/ul	123325	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
3	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	59
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	59
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	59





Data Path : Z:\HPCHEM1\BNA_M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

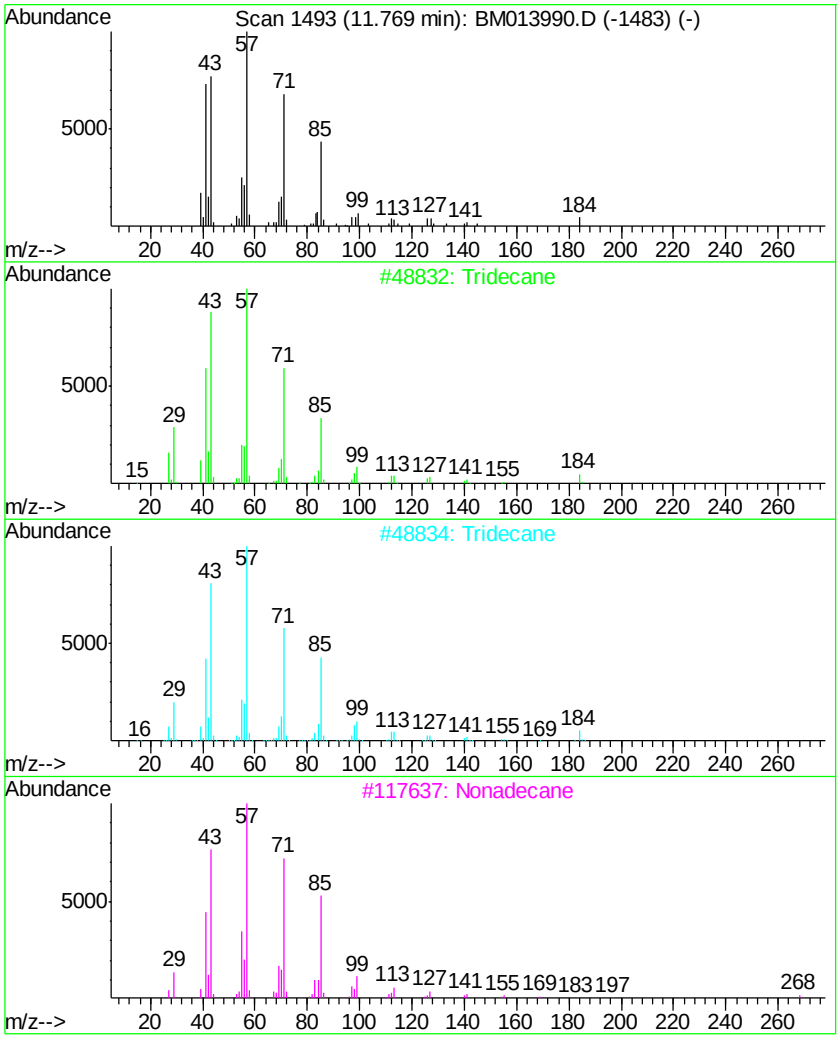
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

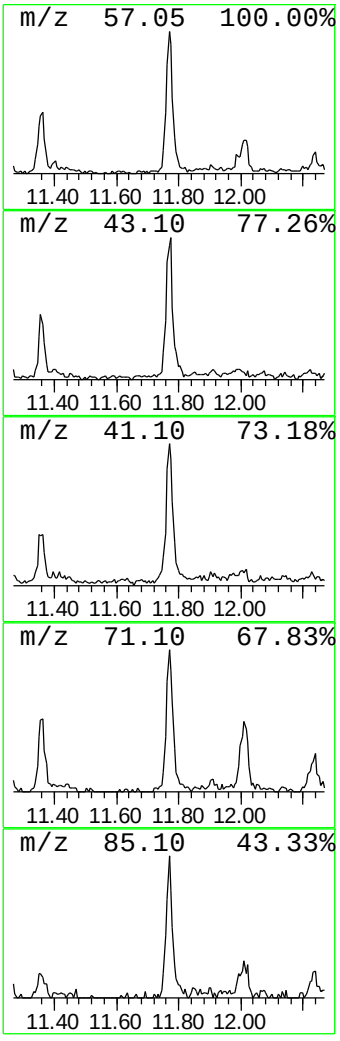
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	5.81 ng/ul	317297	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tridecane	184	C13H28	000629-50-5	87
3	Nonadecane	268	C19H40	000629-92-5	86
4	Tridecane	184	C13H28	000629-50-5	80
5	Tetradecane	198	C14H30	000629-59-4	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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

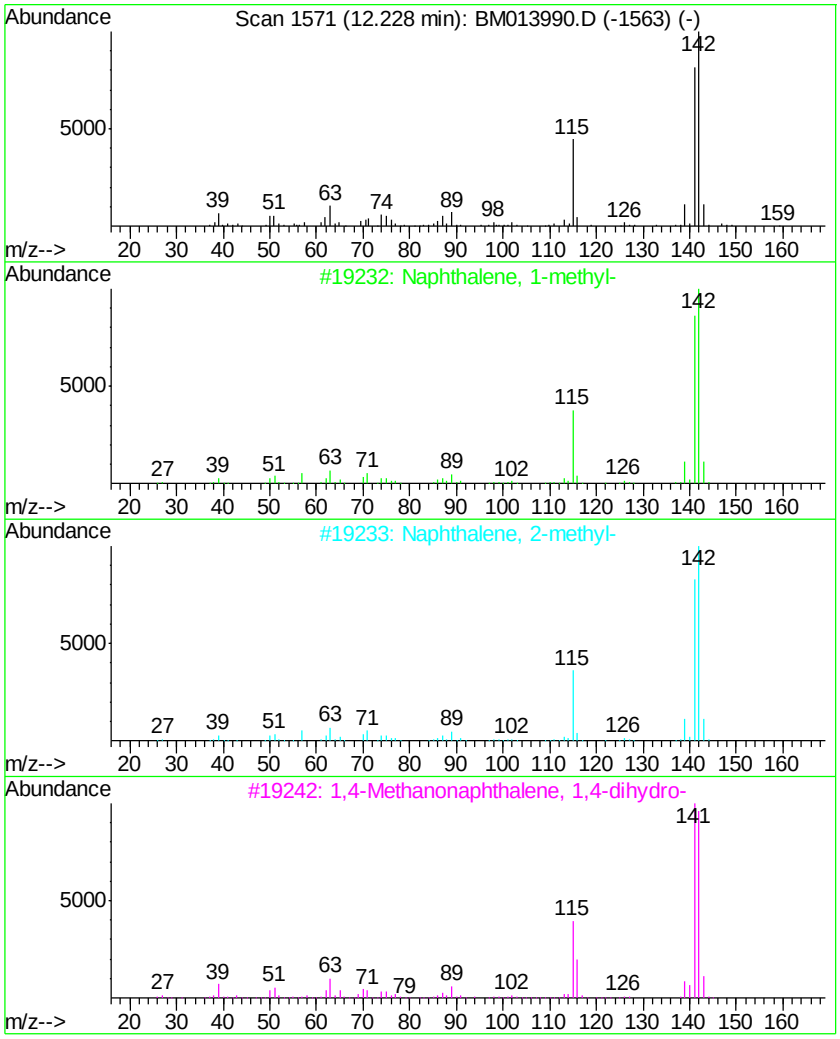
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

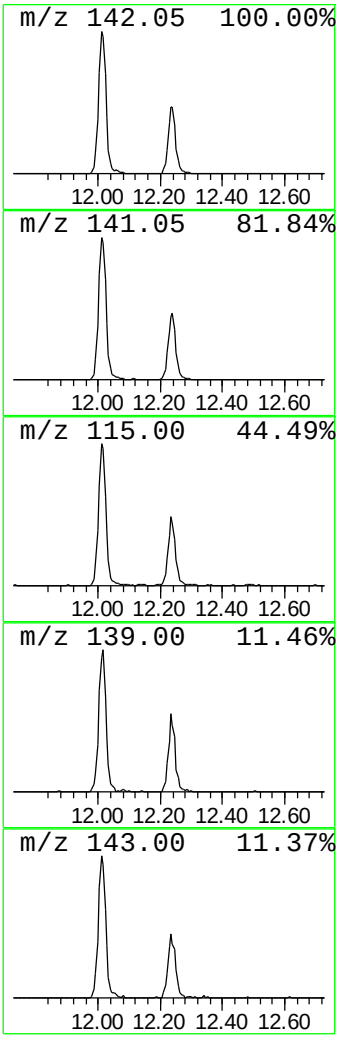
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	17.41 ng/ul	951178	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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

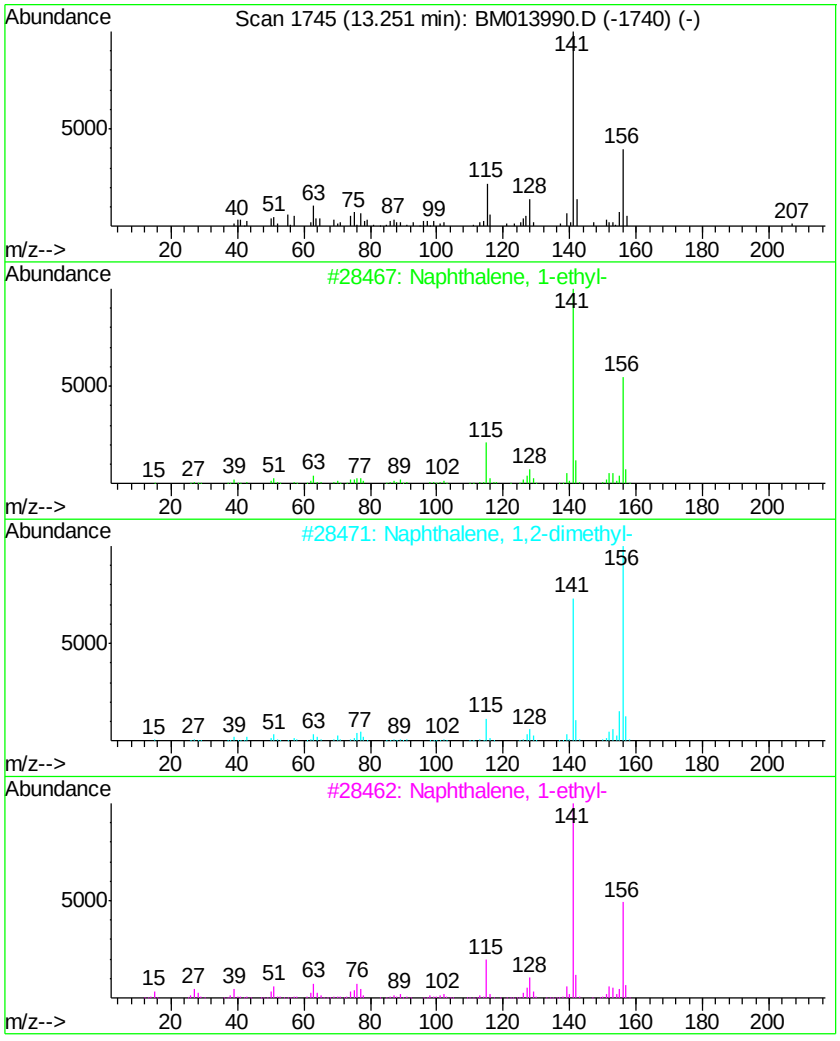
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

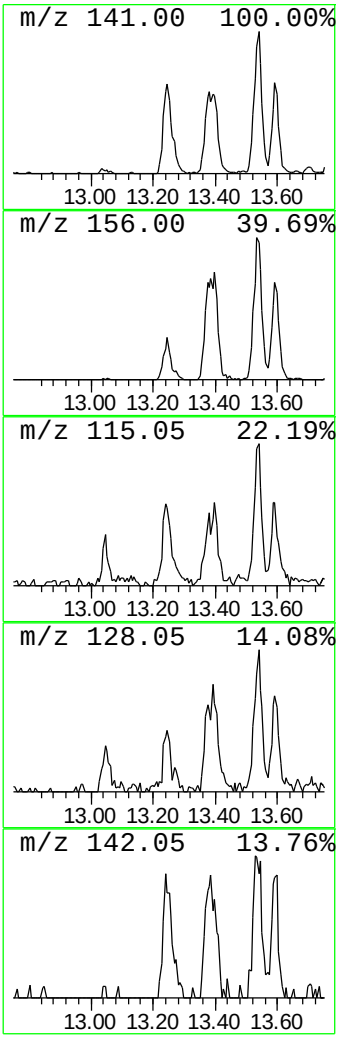
****

Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.55 ng/ul	234180	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91





Data Path : Z:\HPCHEM1\BNA_M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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

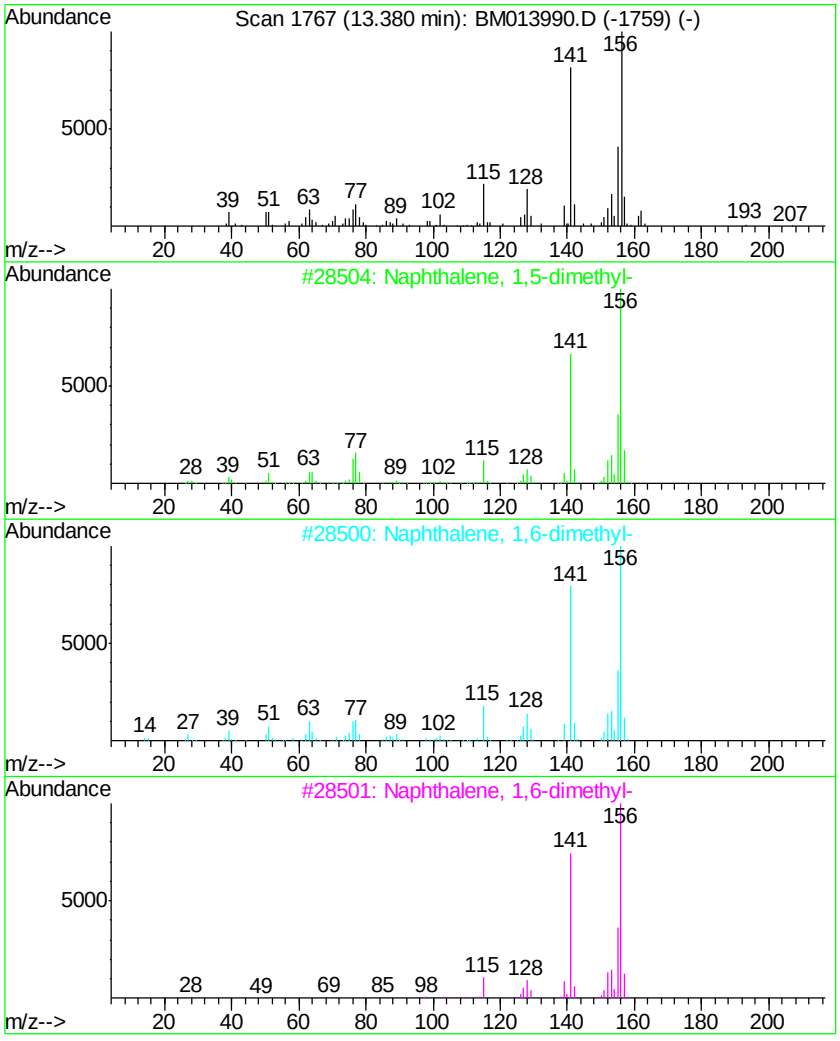
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

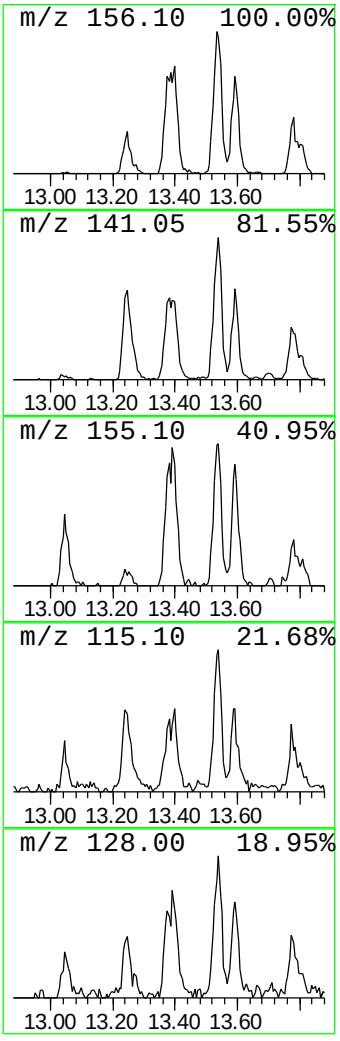
****

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.83 ng/ul	259494	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94





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Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

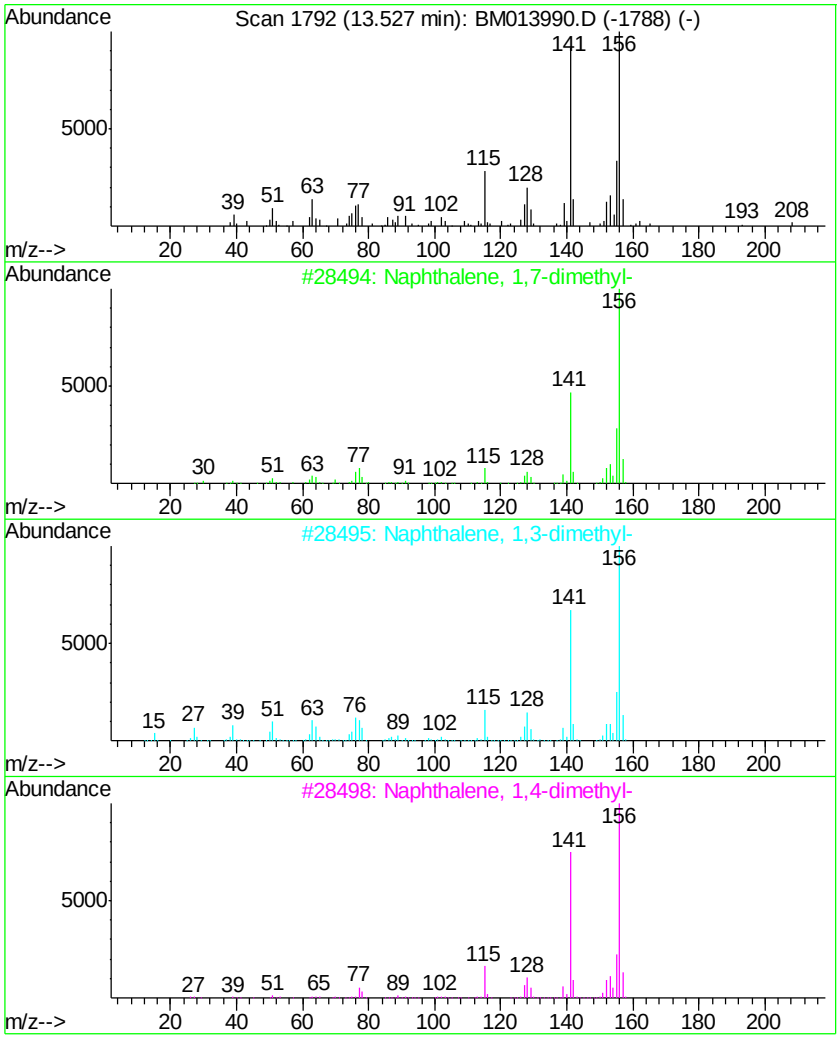
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

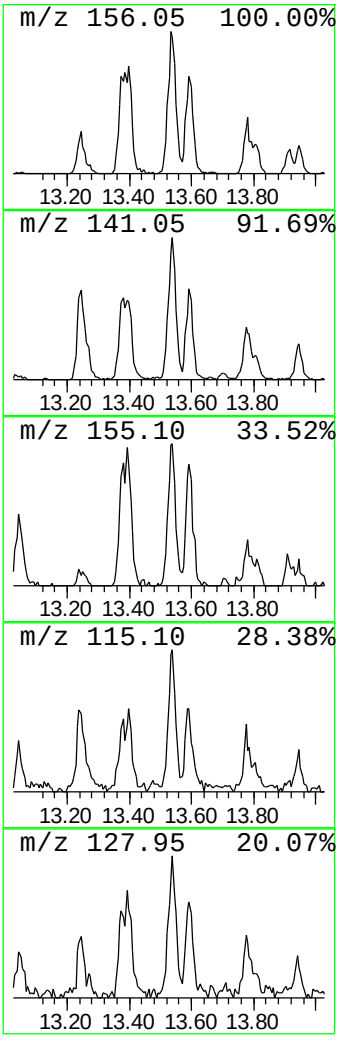
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	5.08 ng/ul	466133	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

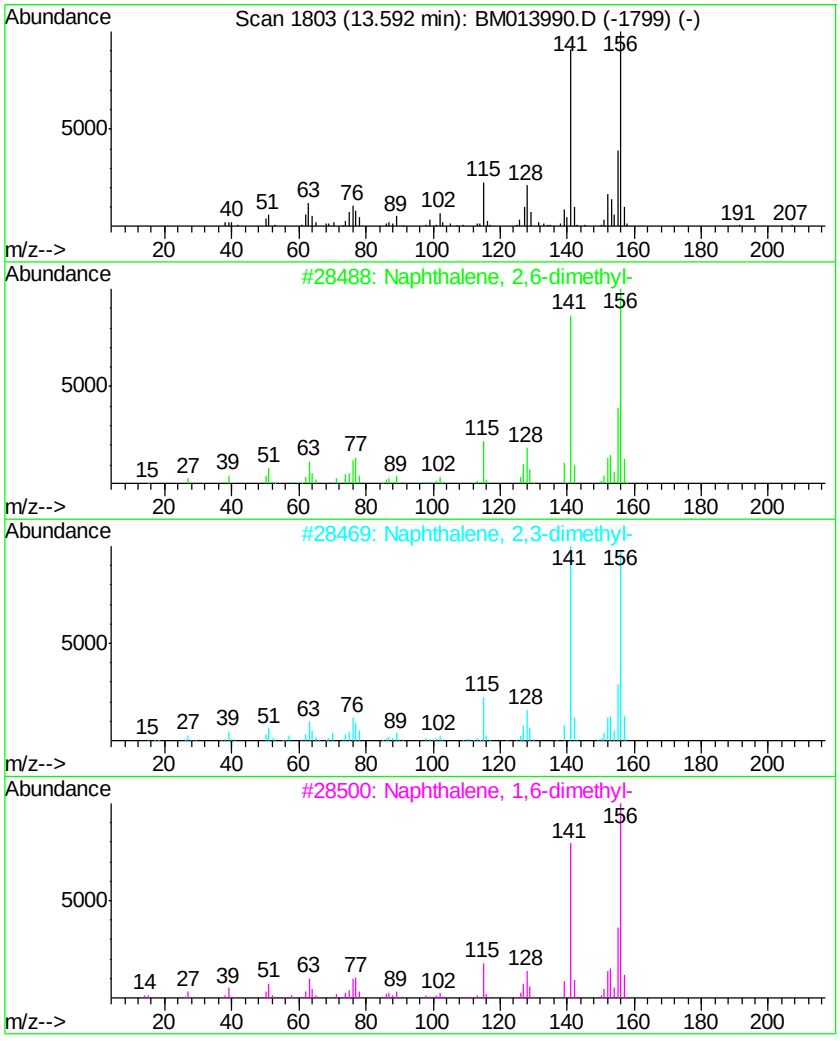
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

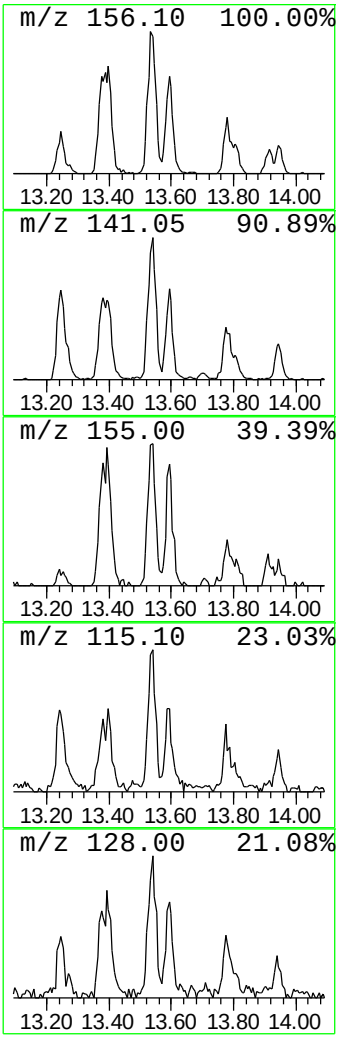
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	3.50 ng/ul	321124	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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

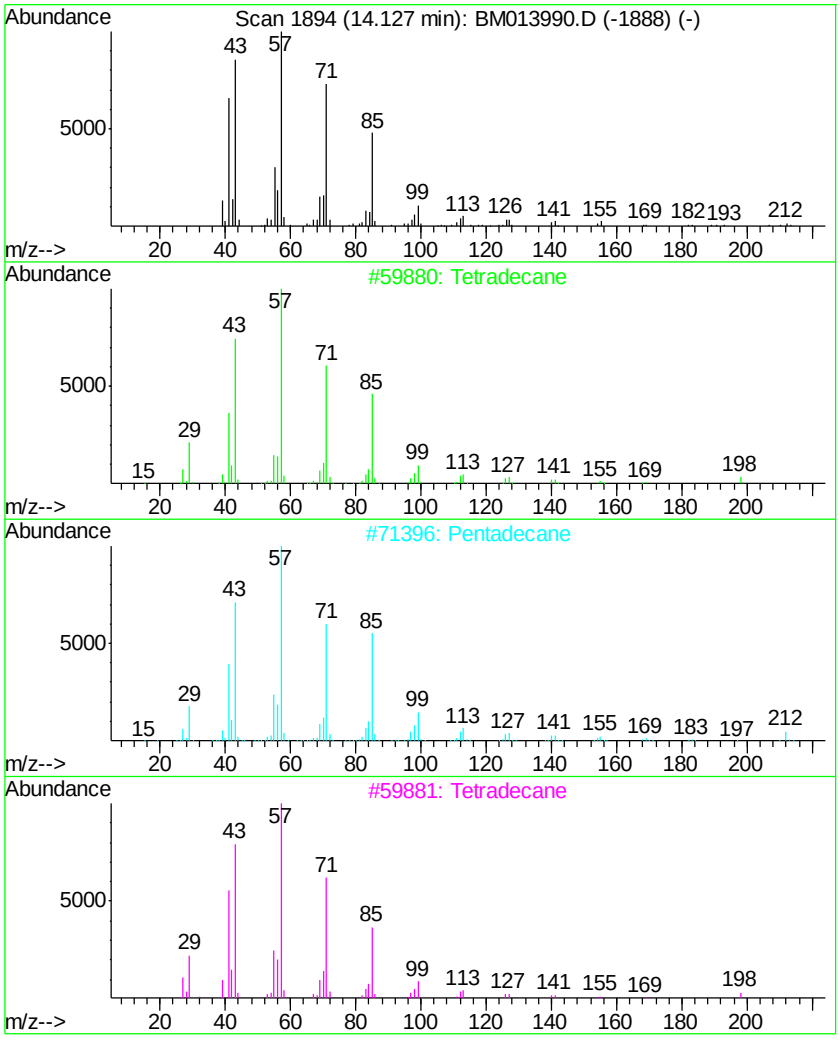
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

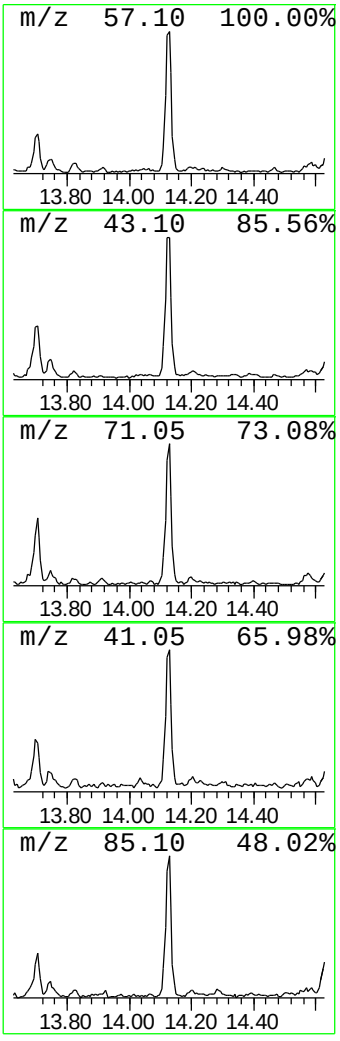
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	7.51 ng/ul	689110	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Tetradecane	198	C14H30	000629-59-4	90
5	Hexadecane	226	C16H34	000544-76-3	90





Library Search Compound Report

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Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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

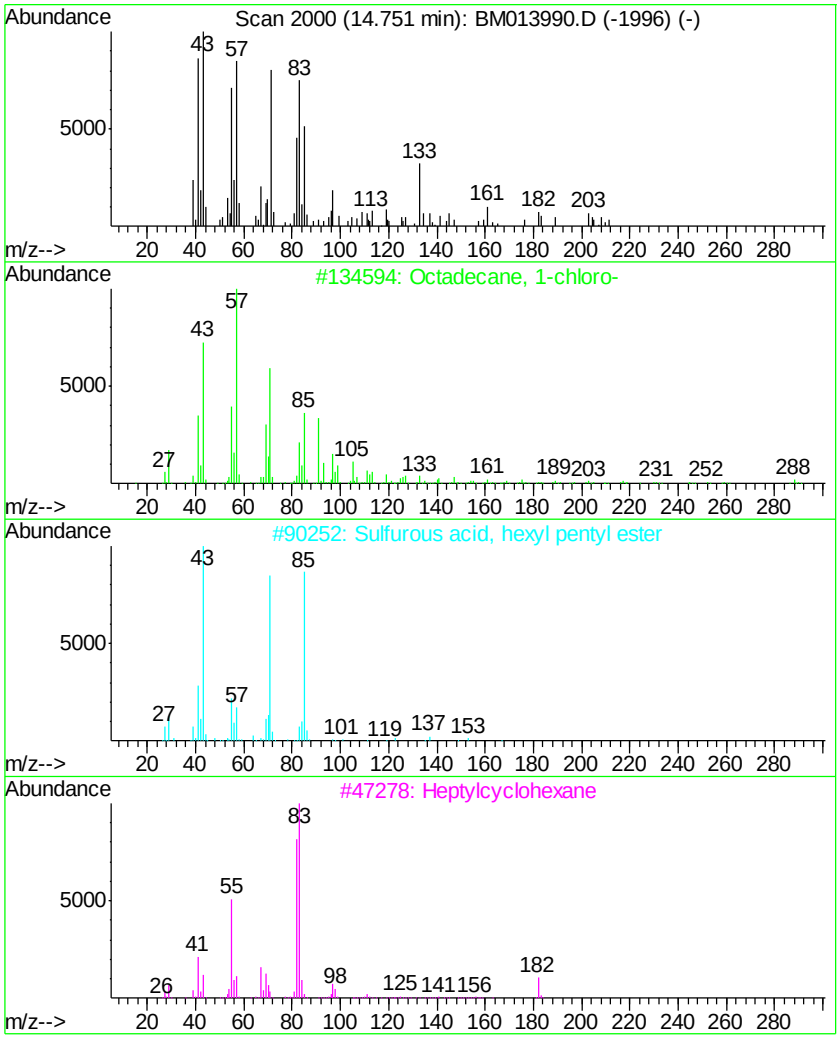
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

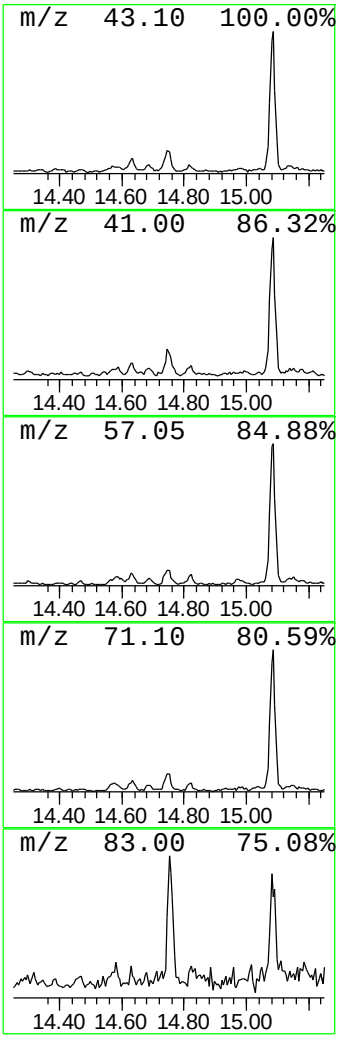
****

Peak Number 9 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	2.00 ng/ul	183928	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	46
2	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	35
3	Heptylcyclohexane	182	C13H26	005617-41-4	35
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	35
5	Heptadecane	240	C17H36	000629-78-7	35





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Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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

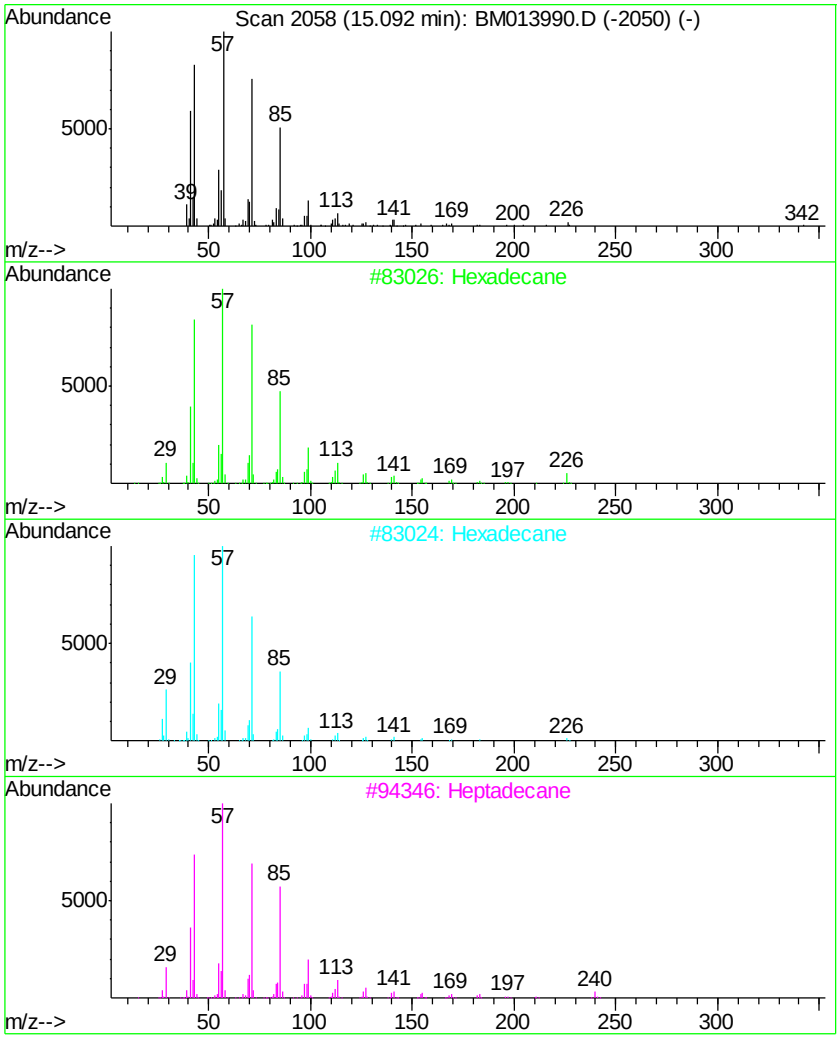
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

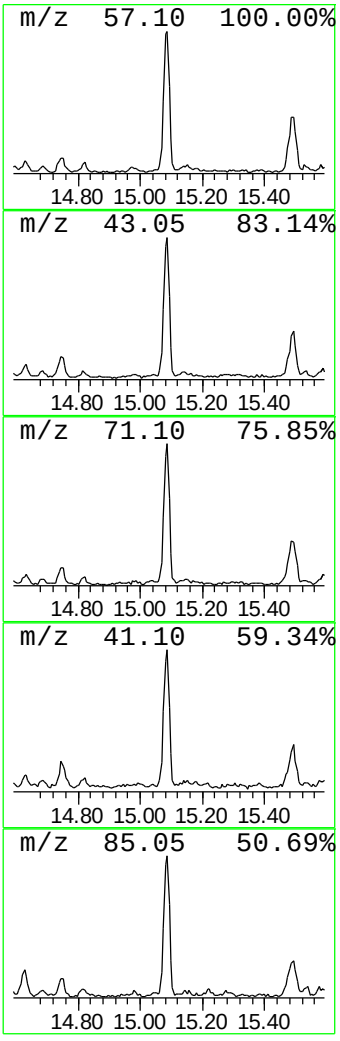
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	9.14 ng/ul	838974	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Hexadecane	226	C16H34	000544-76-3	95
3	Heptadecane	240	C17H36	000629-78-7	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

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Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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

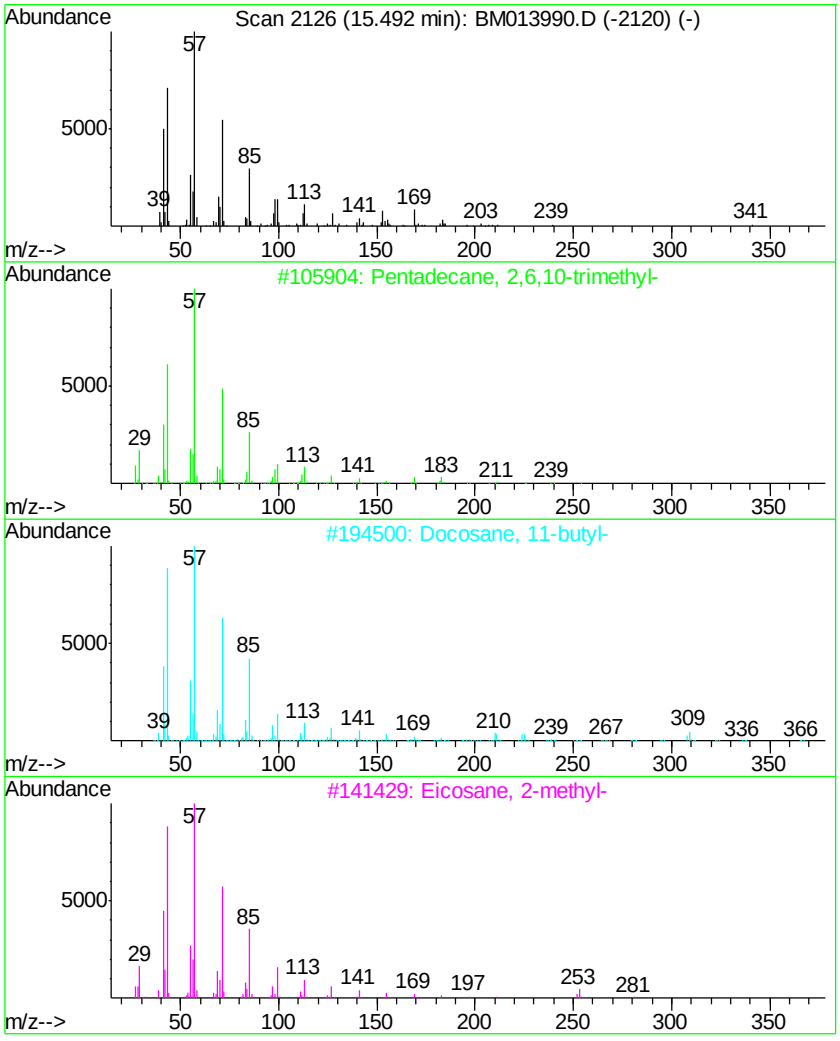
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

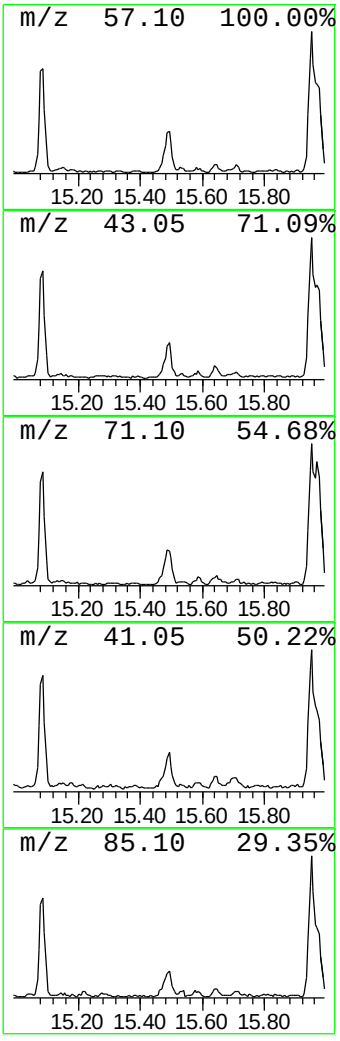
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	4.51 ng/ul	413663	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	74
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	74
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	74
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	72





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Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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

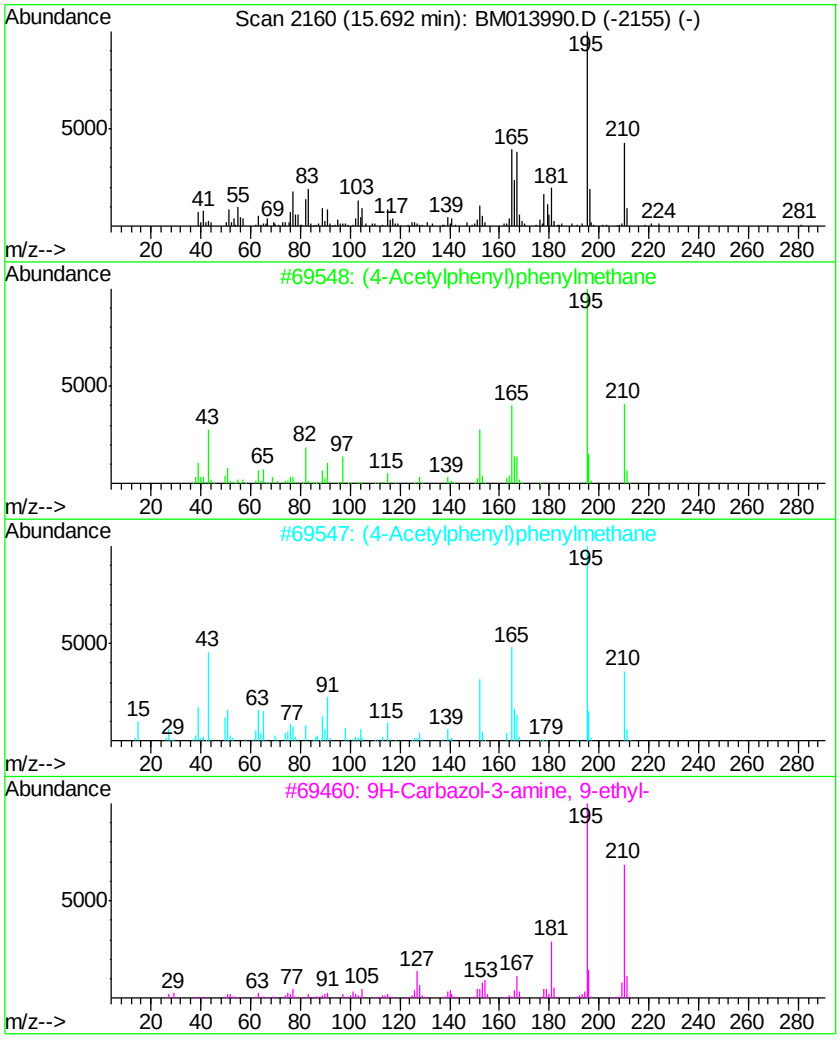
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

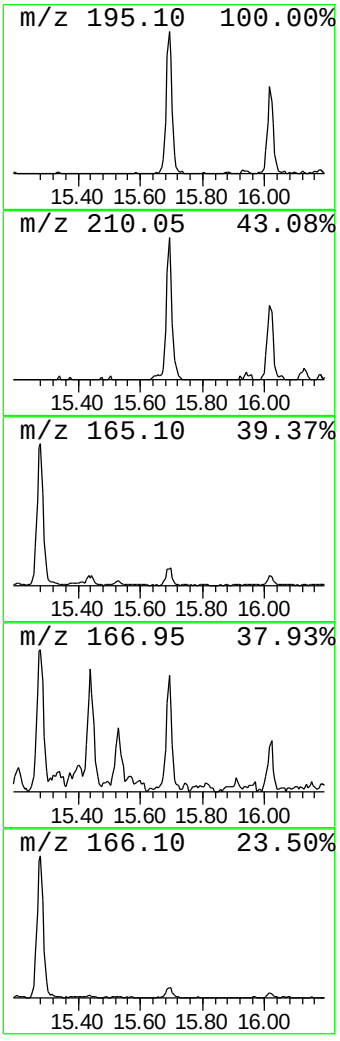
****

Peak Number 13 (4-Acetylphenyl)phenylmethane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	5.00 ng/ul	449495	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	76
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	68
3	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	50
4	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	49
5	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	47





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Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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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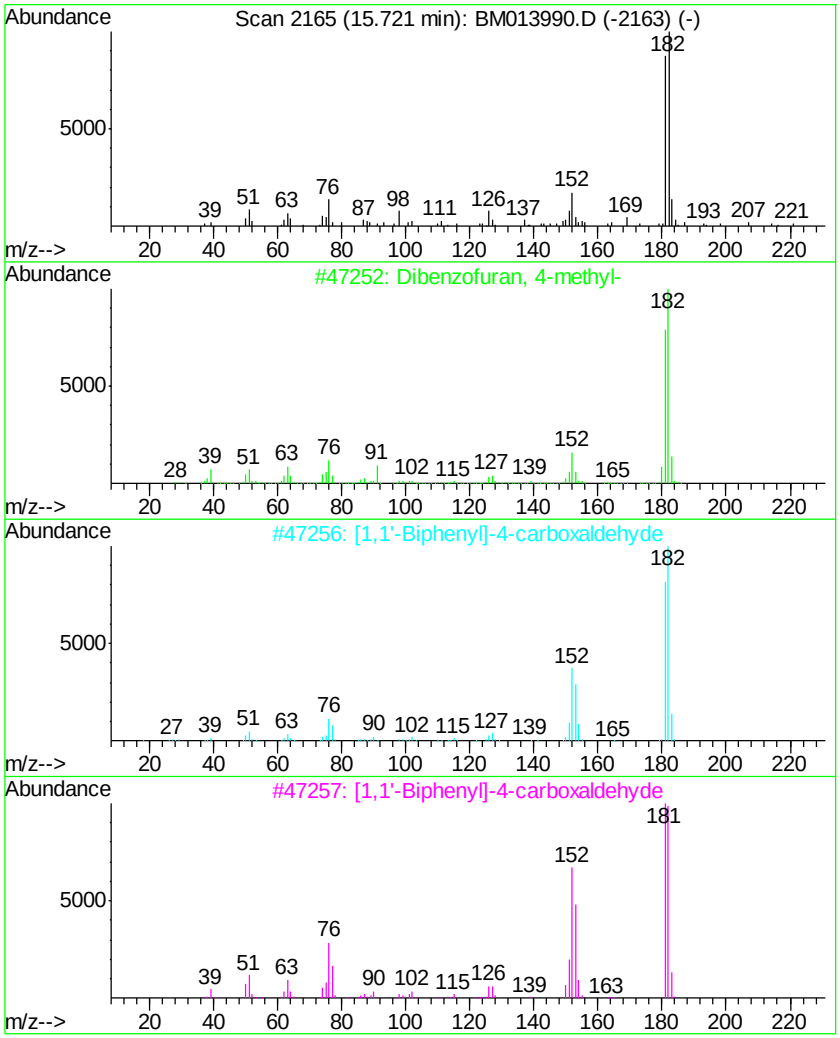
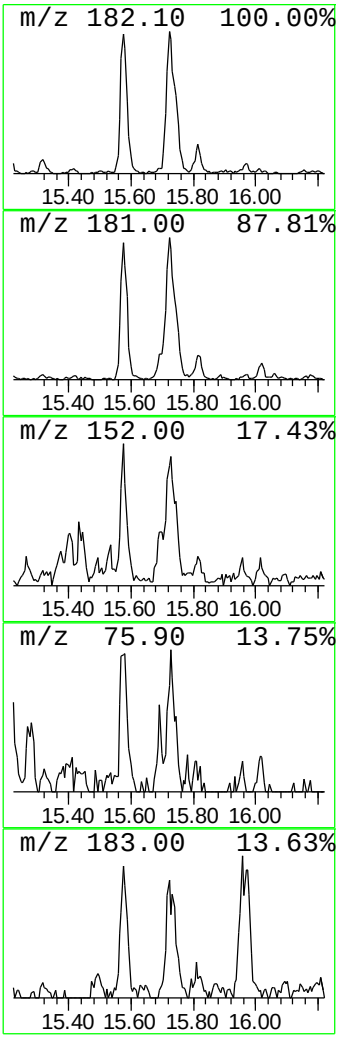
Peak Number 14 Dibenzofuran, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	4.14 ng/ul	372530	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	72





Library Search Compound Report

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Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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

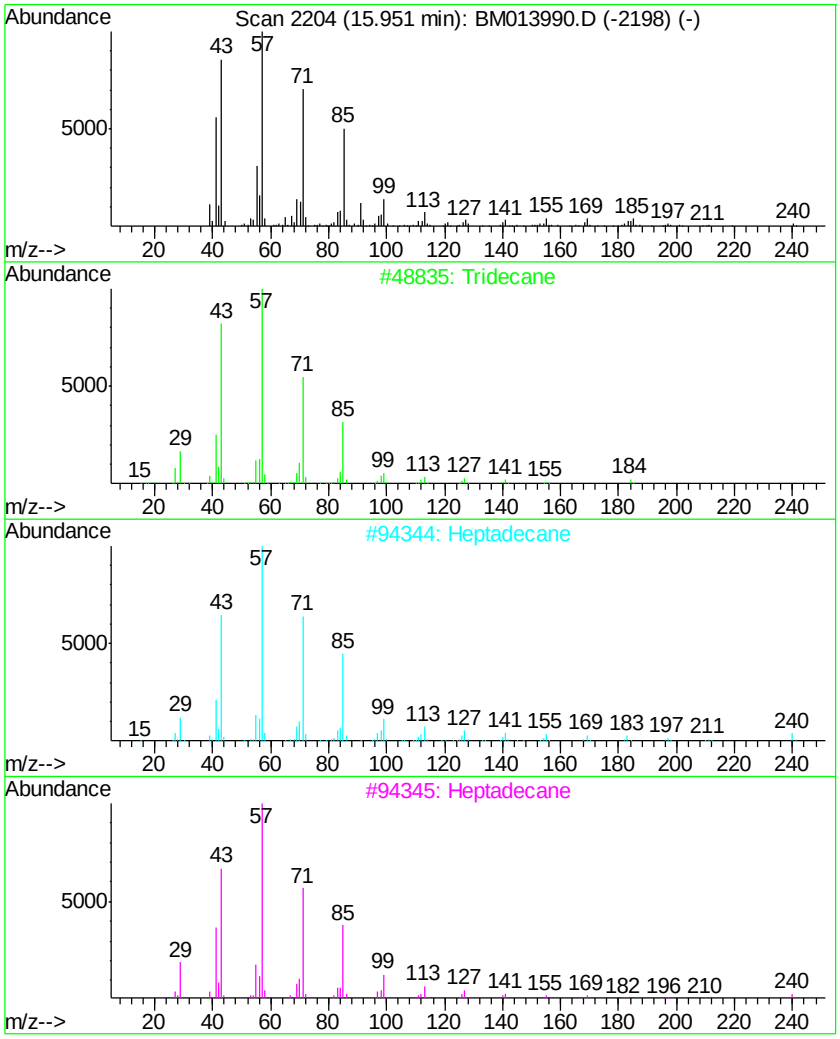
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

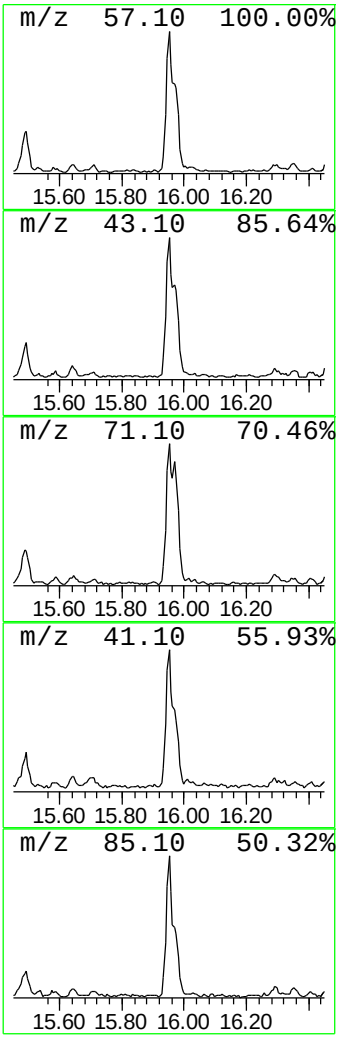
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	21.73 ng/ul	1954020	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptadecane	240	C17H36	000629-78-7	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Pentadecane	212	C15H32	000629-62-9	83





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Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

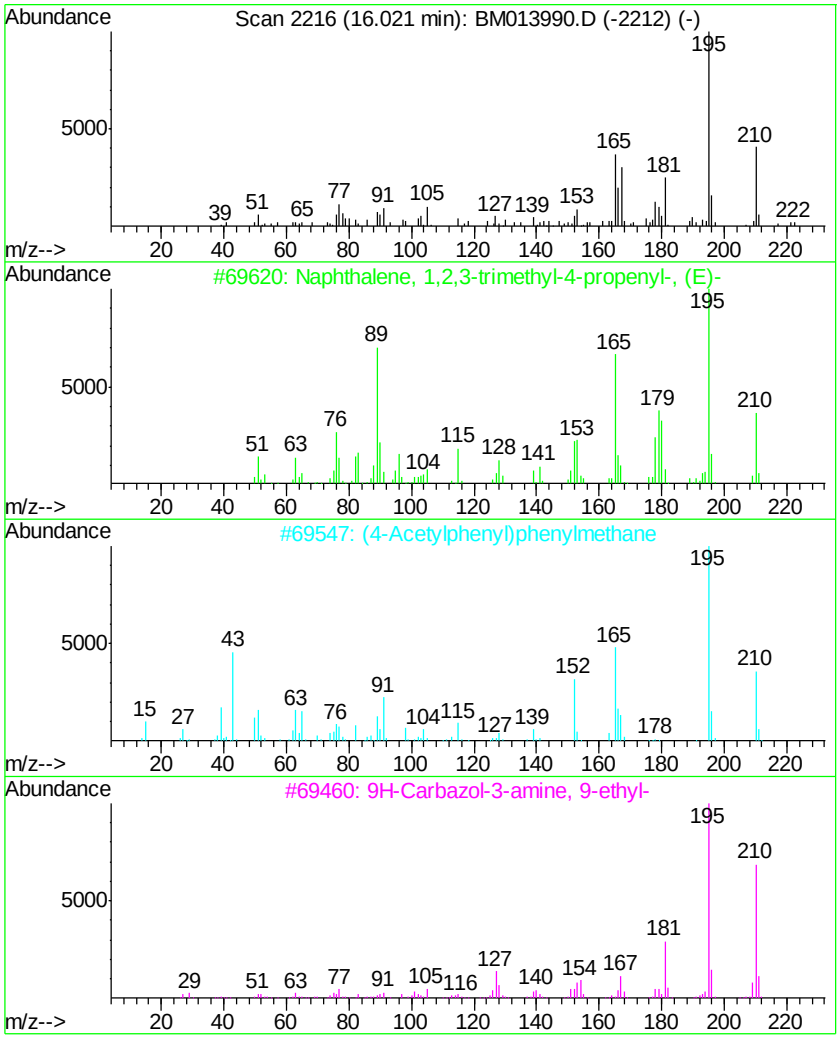
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

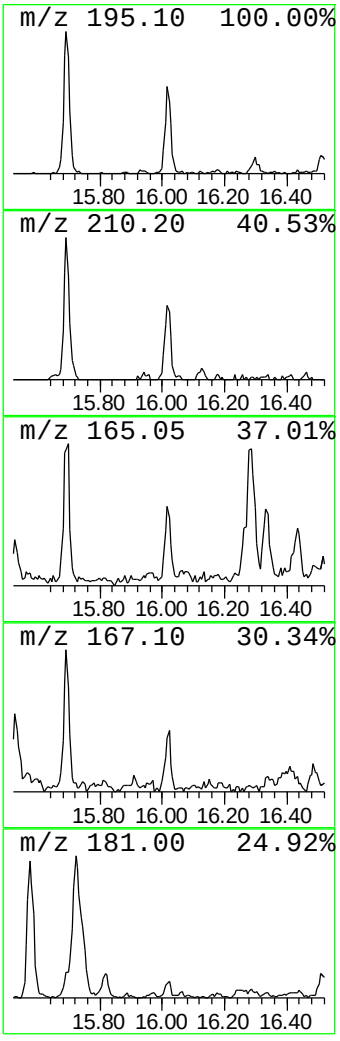
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,2,3-trimethy... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.55 ng/ul	229551	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	70
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	53
3	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	50
4	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	49
5	5H-Dibenz[b,f]azepine, 10,11-dih...	195	C14H13N	000494-19-9	49





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Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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

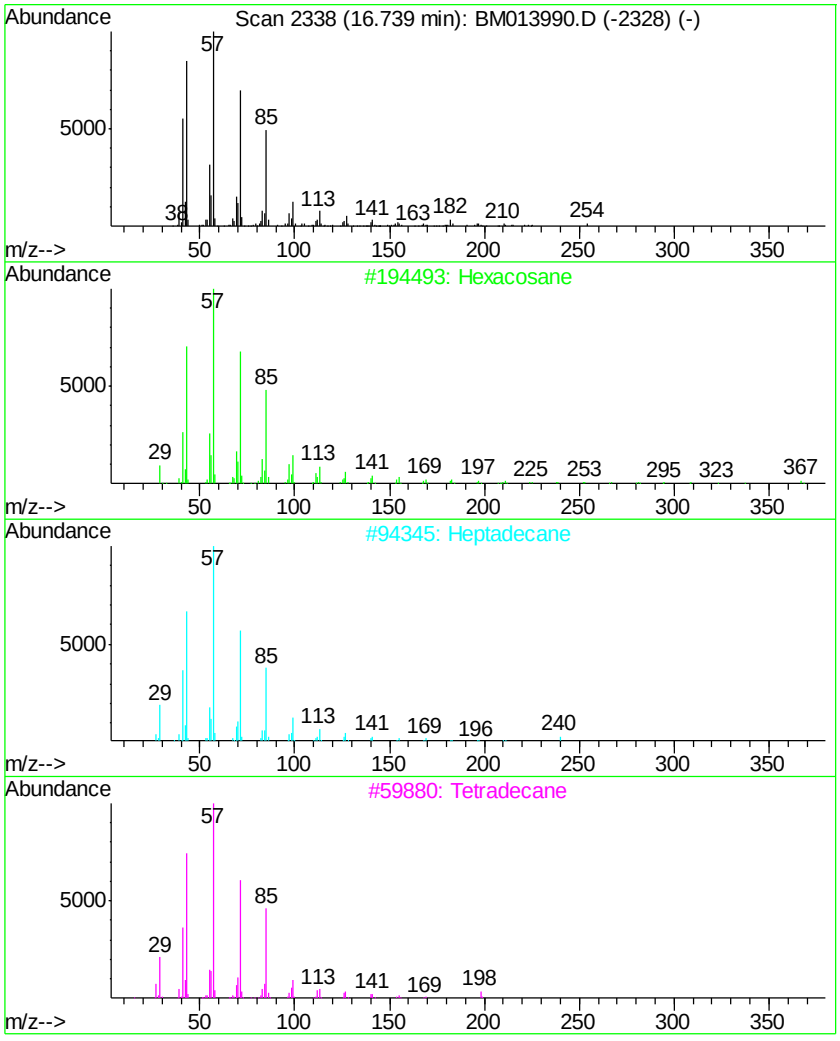
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

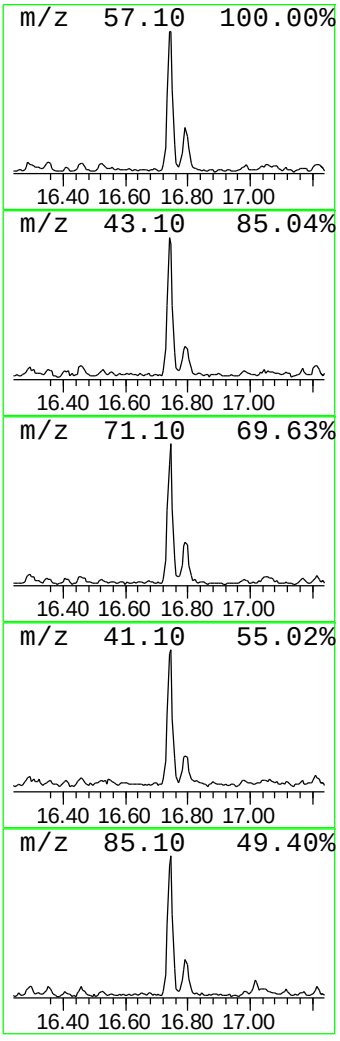
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	12.93 ng/ul	1163060	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Tetradecane	198	C14H30	000629-59-4	91





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Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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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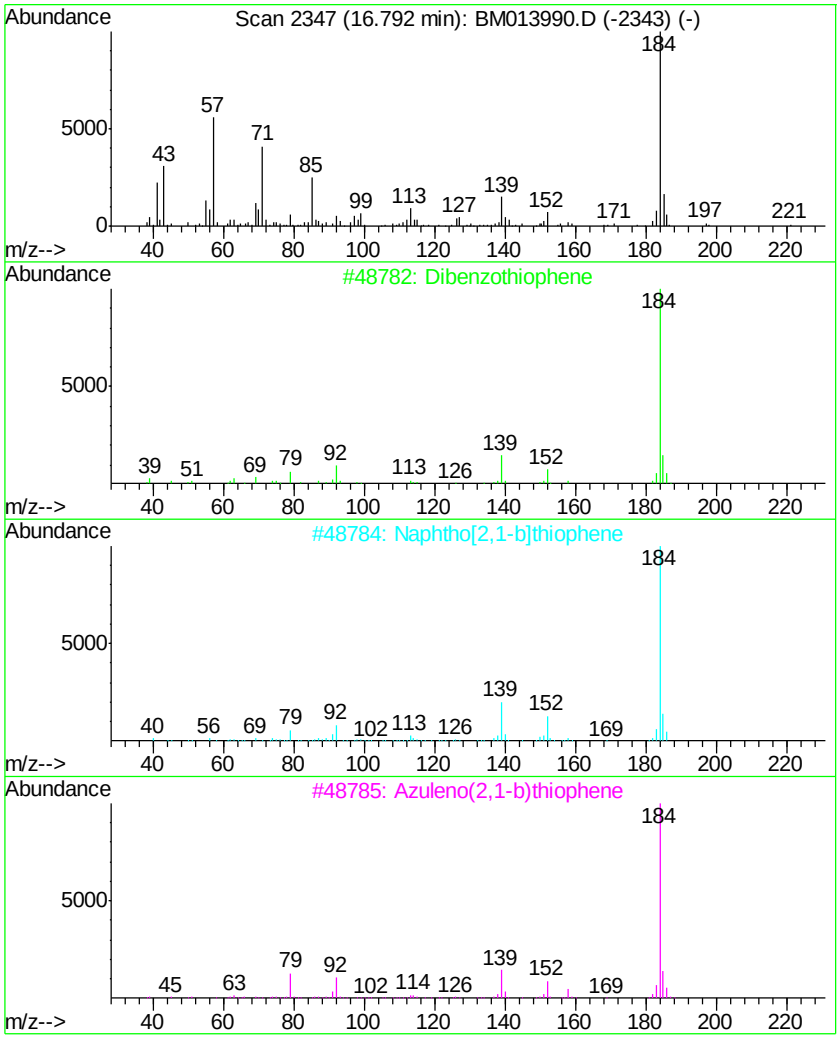
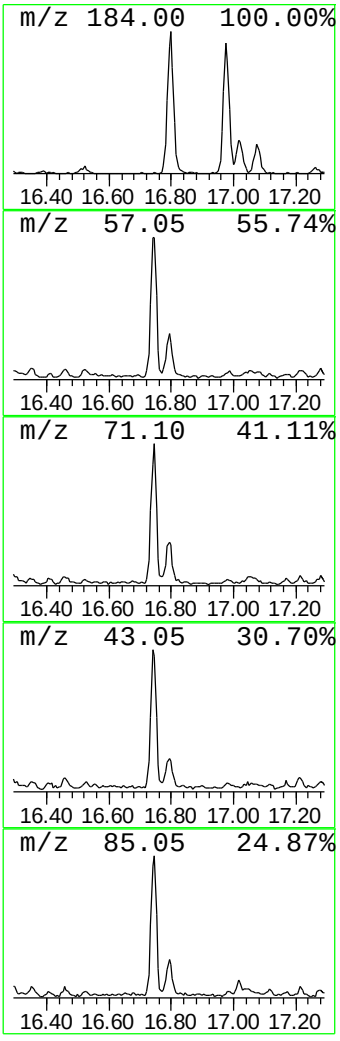
Peak Number 18 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	7.24 ng/ul	651116	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	78
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	60
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	60
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	60
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	60





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Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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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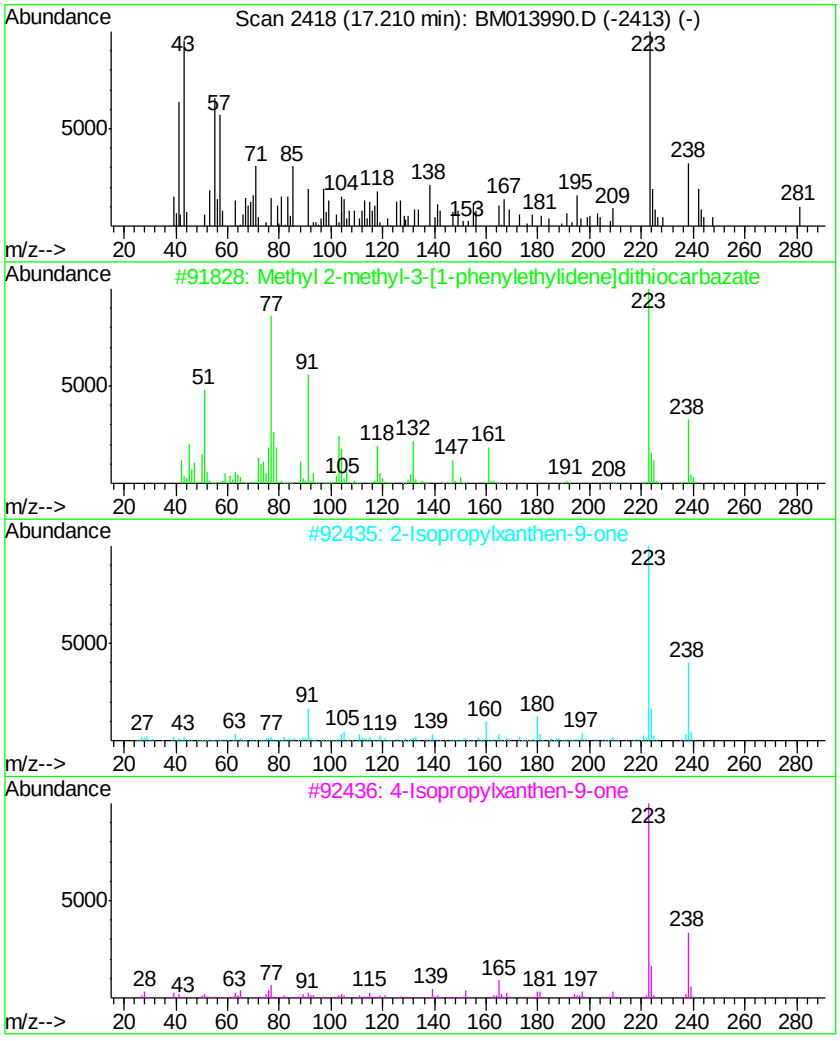
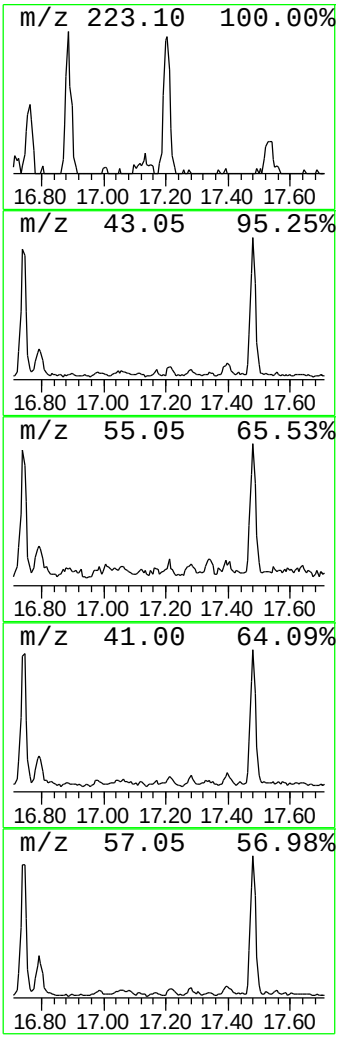
Peak Number 19 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	2.11 ng/ul	189794	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-methyl-3-[1-phenylethyl...	238	C11H14N2S2	025565-38-2	47
2	2-Isopropylxanthen-9-one	238	C16H14O2	069737-66-2	43
3	4-Isopropylxanthen-9-one	238	C16H14O2	1000210-33-1	43
4	Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	38
5	Ethane, 1-(2,3-xylyl)-1-(3,4-xyl...	238	C18H22	002816-98-0	38





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Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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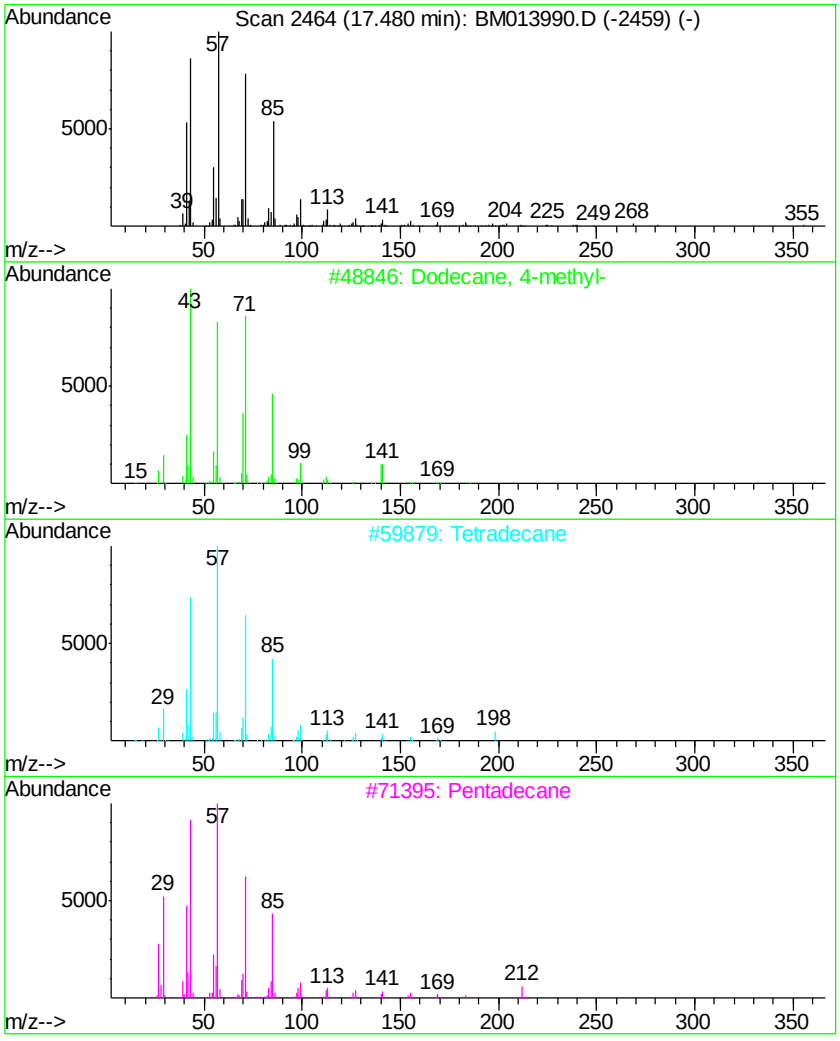
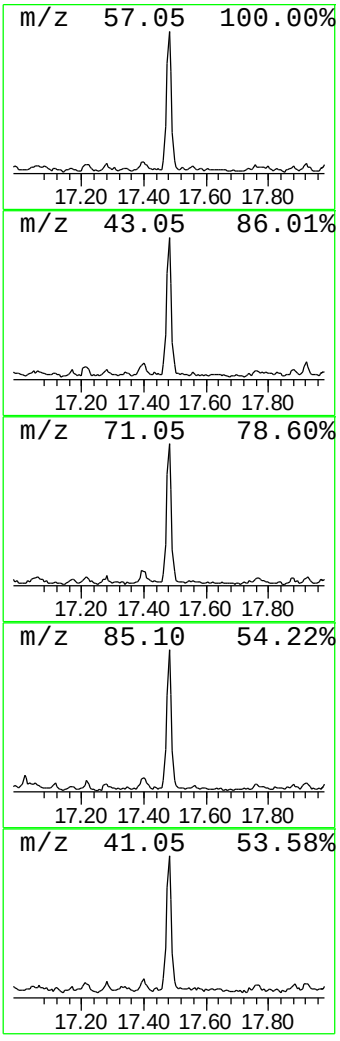
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	11.75 ng/ul	1056980	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	93
2	Tetradecane	198	C14H30	000629-59-4	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	86





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Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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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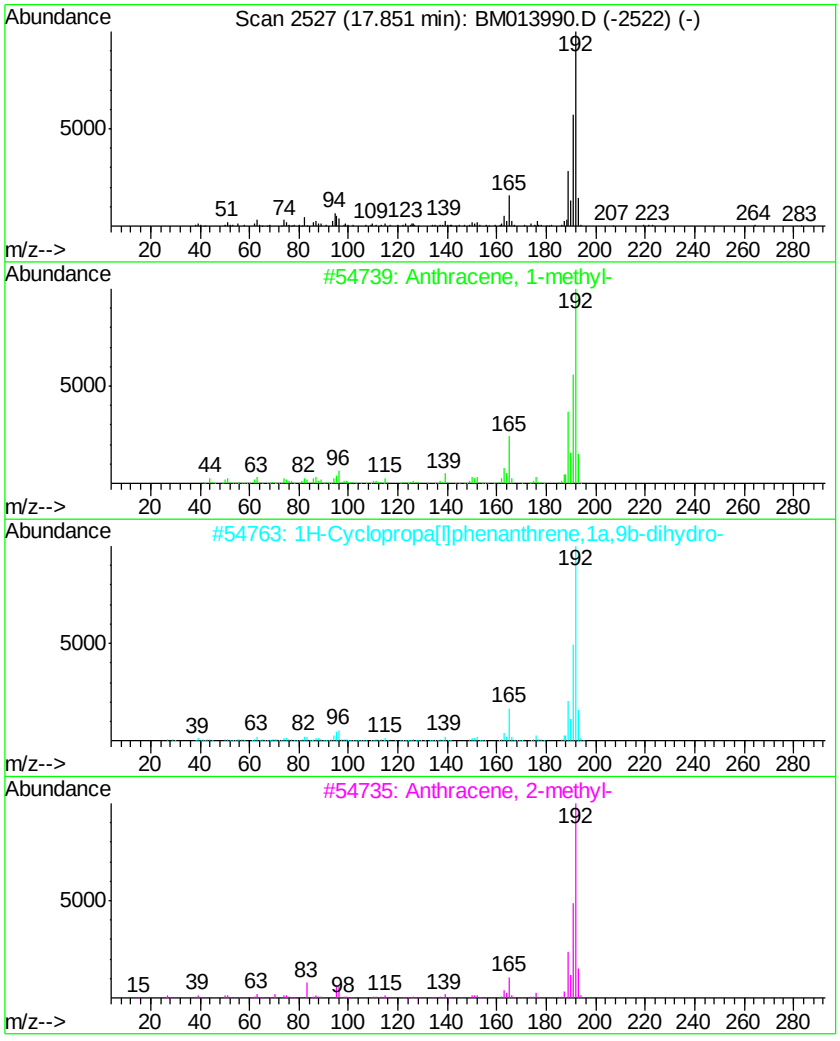
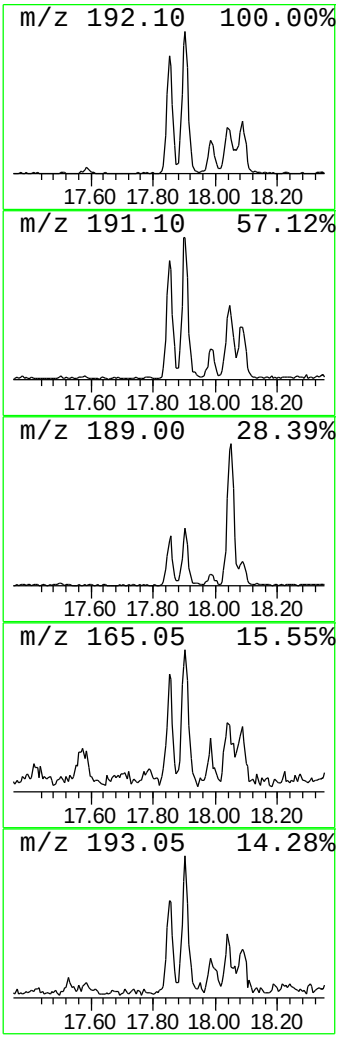
Peak Number 21 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	4.56 ng/ul	410085	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\HPCHEM1\BNA_M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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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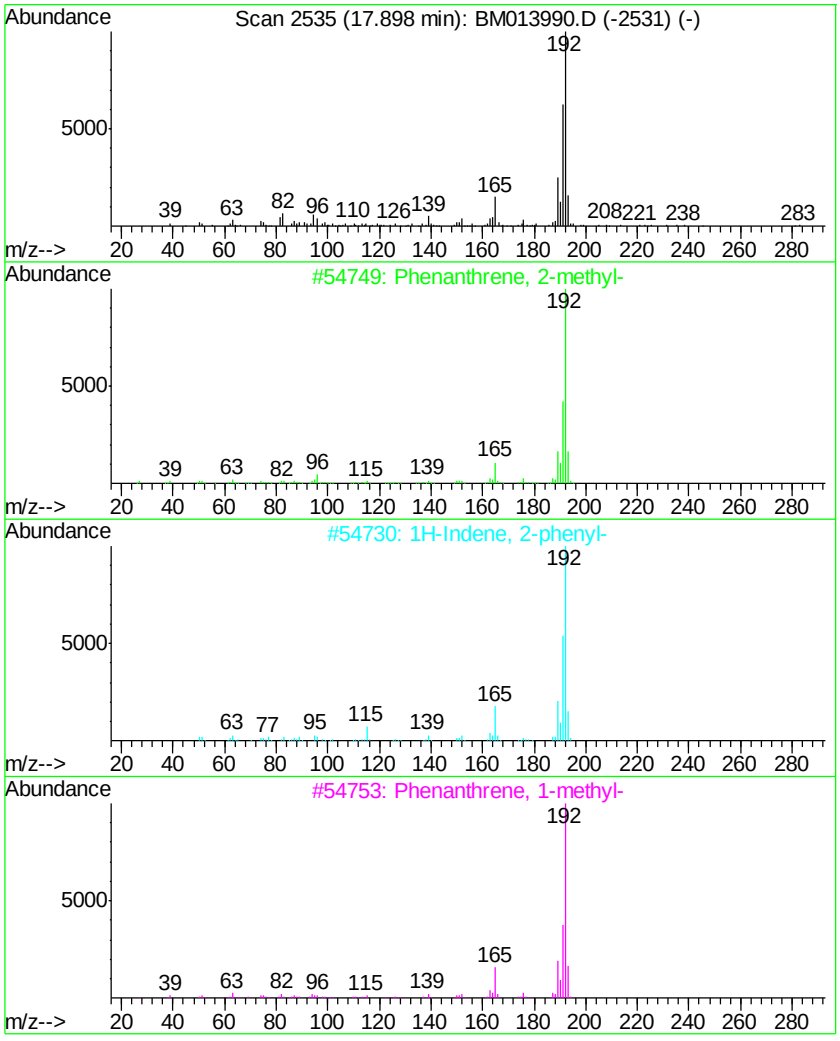
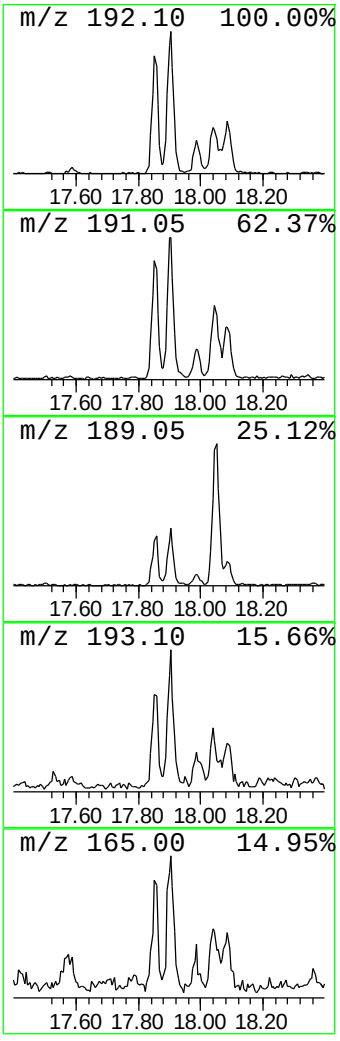
Peak Number 22 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	6.72 ng/ul	604343	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\HPCHEM1\BNA_M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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

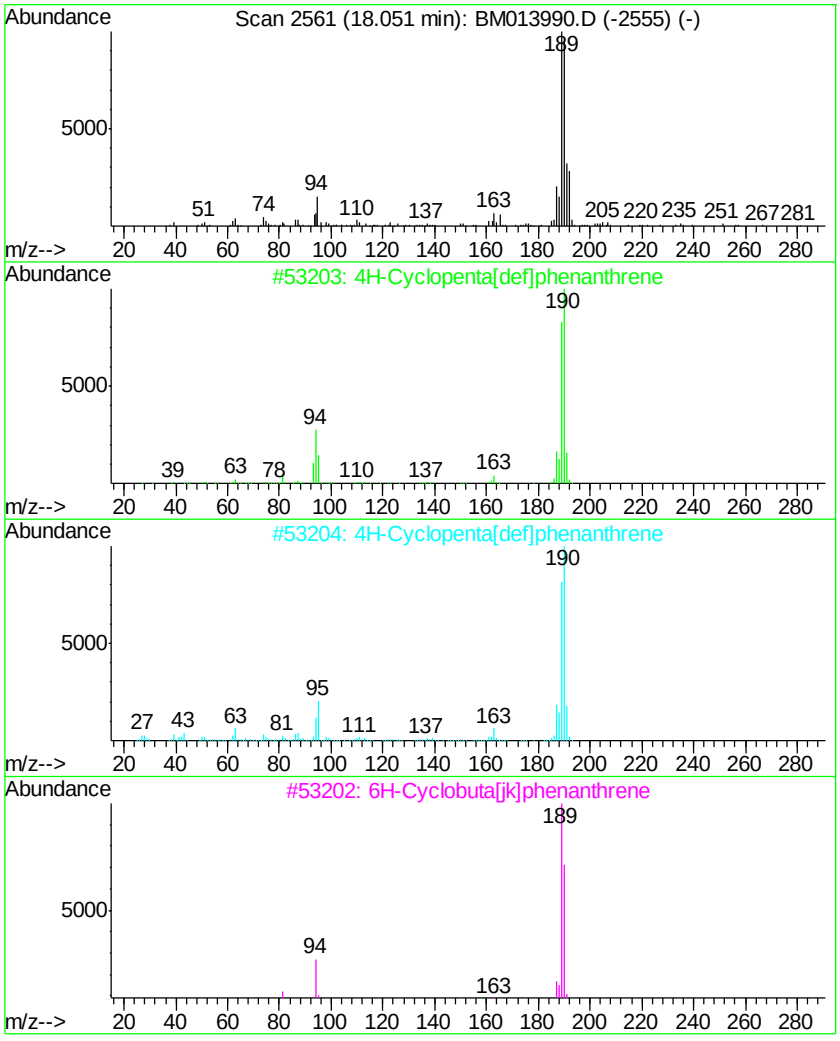
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

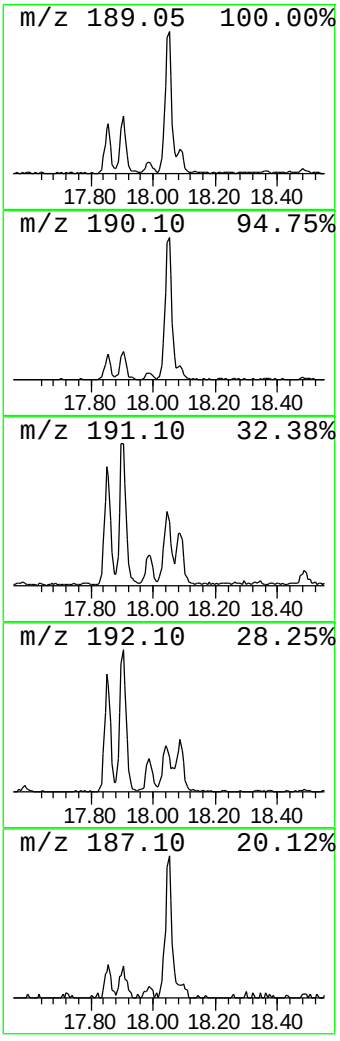
****

Peak Number 23 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	5.82 ng/ul	523782	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47





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Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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

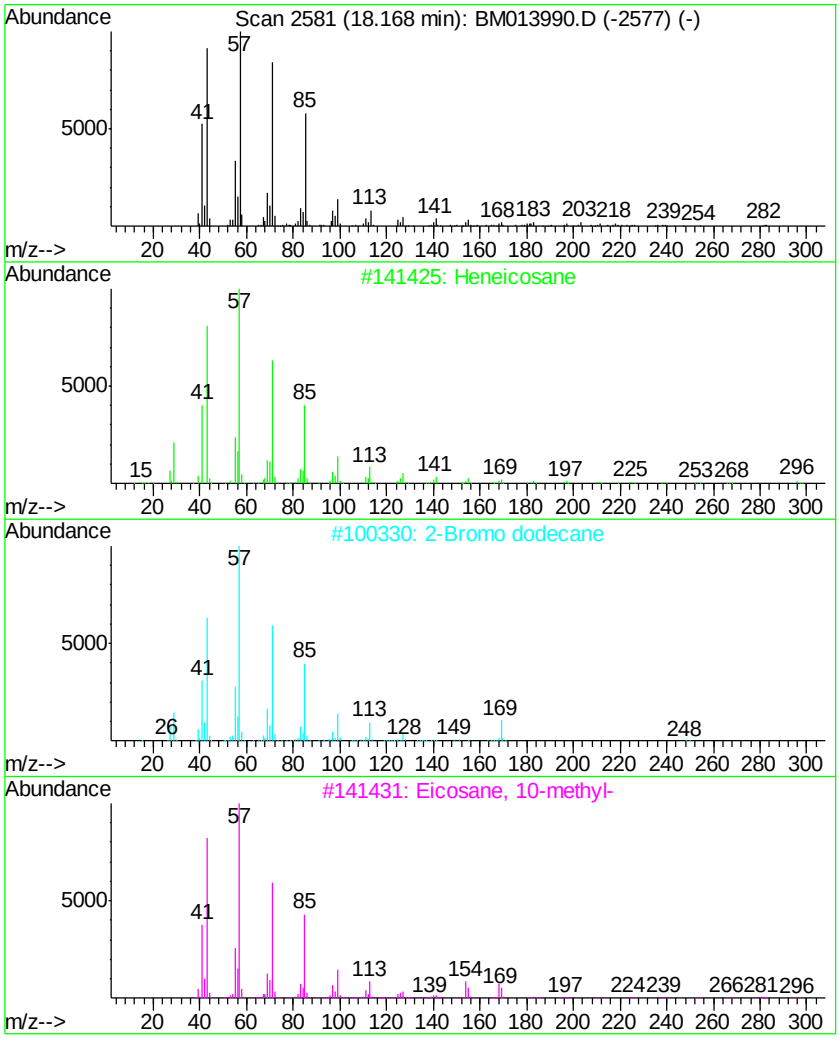
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

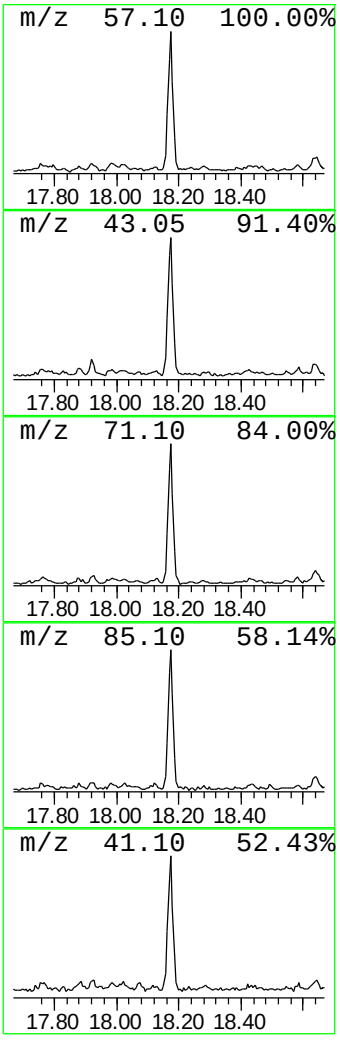
****

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	9.90 ng/ul	890117	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Heptacosane	380	C27H56	000593-49-7	83





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Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

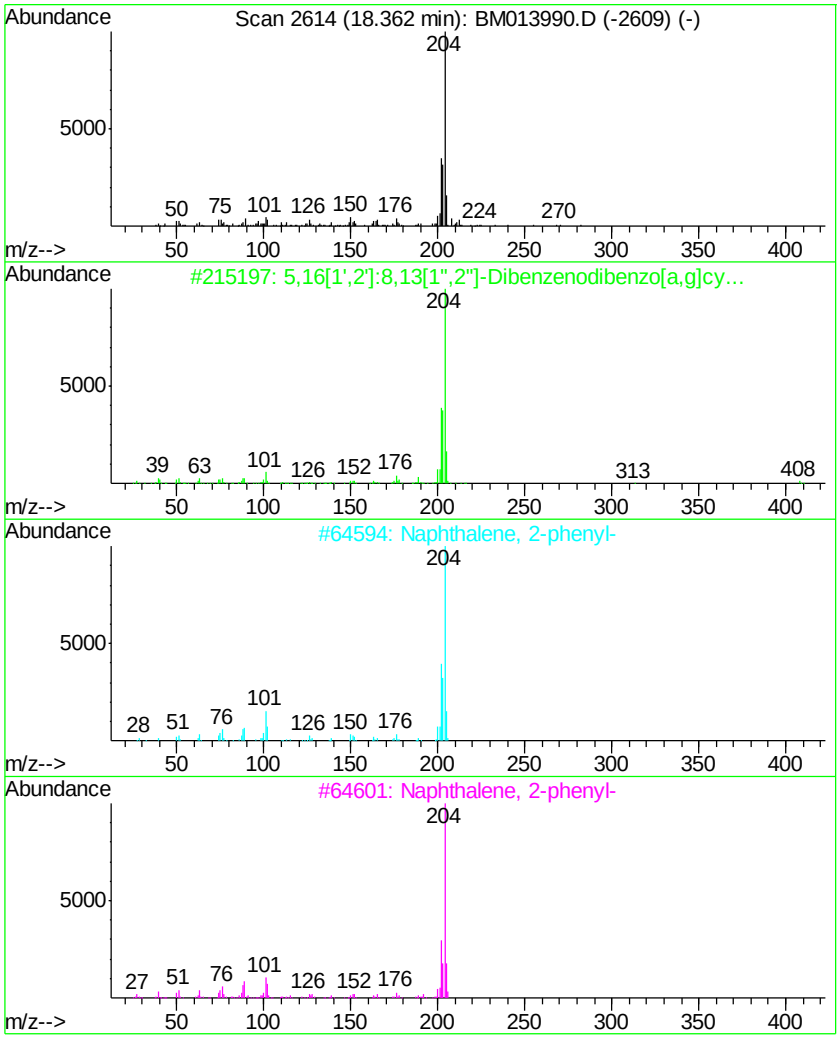
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

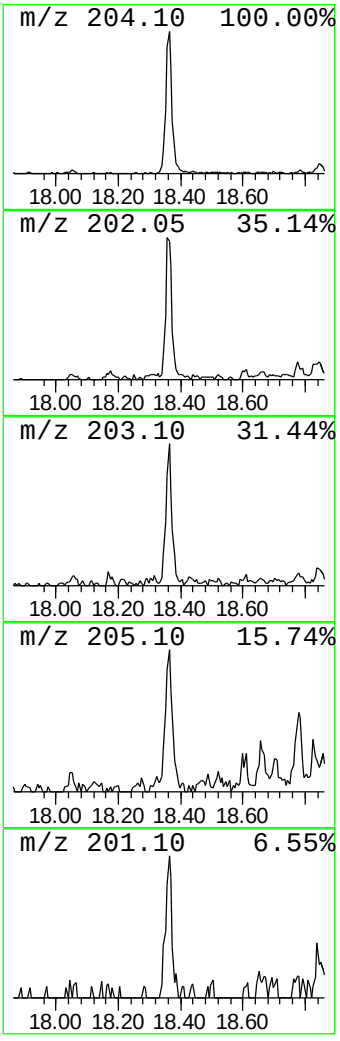
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.53 ng/ul	317392	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





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Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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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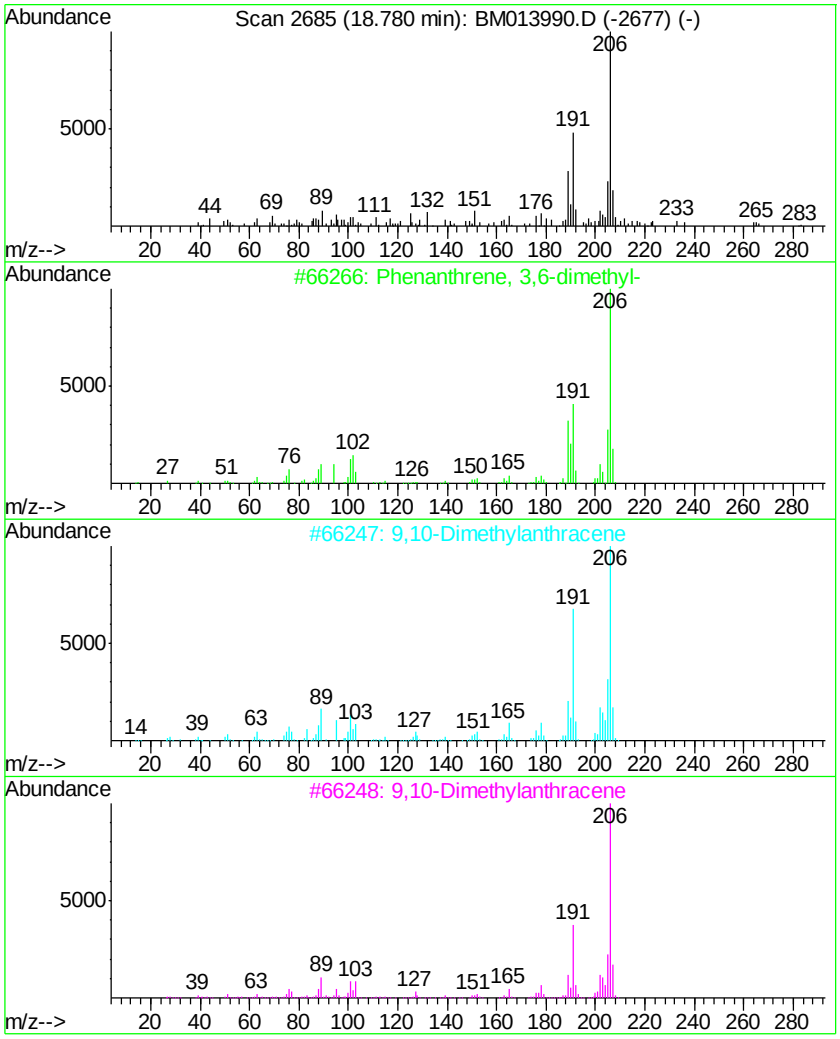
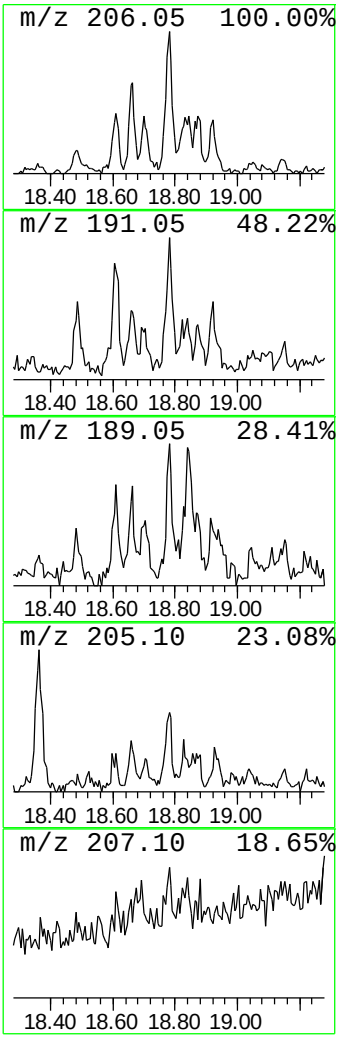
Peak Number 26 Phenanthrene, 3,6-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	2.01 ng/ul	181063	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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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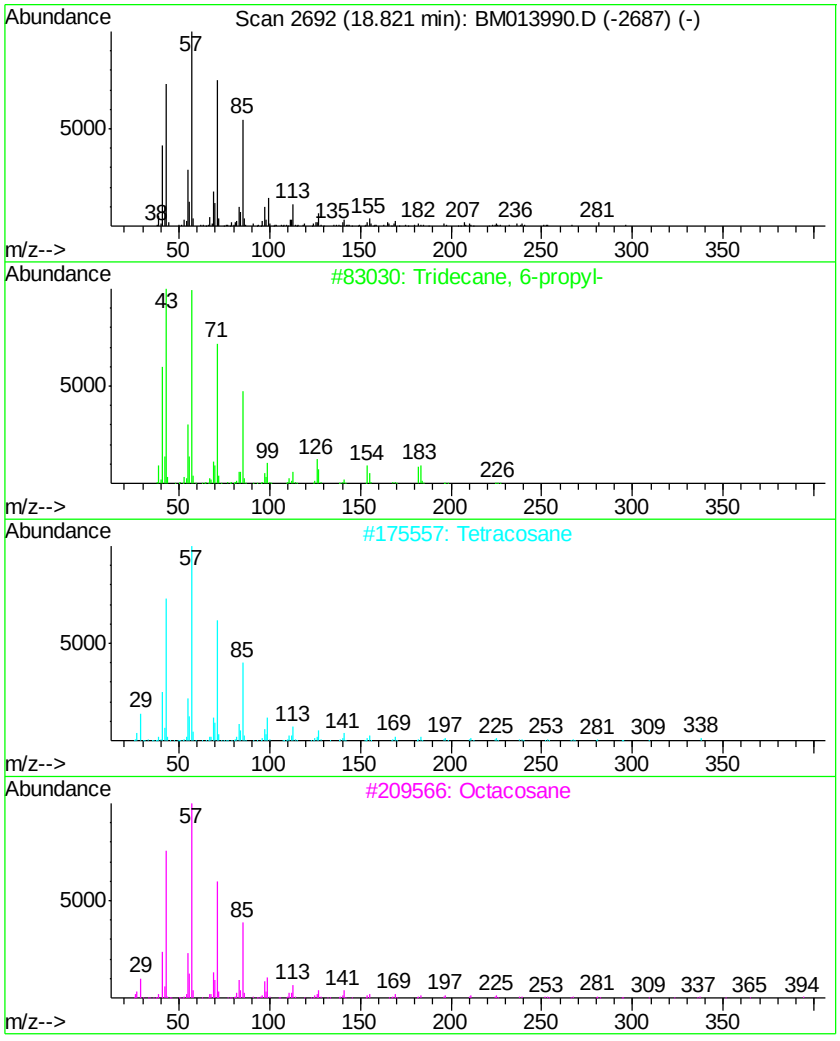
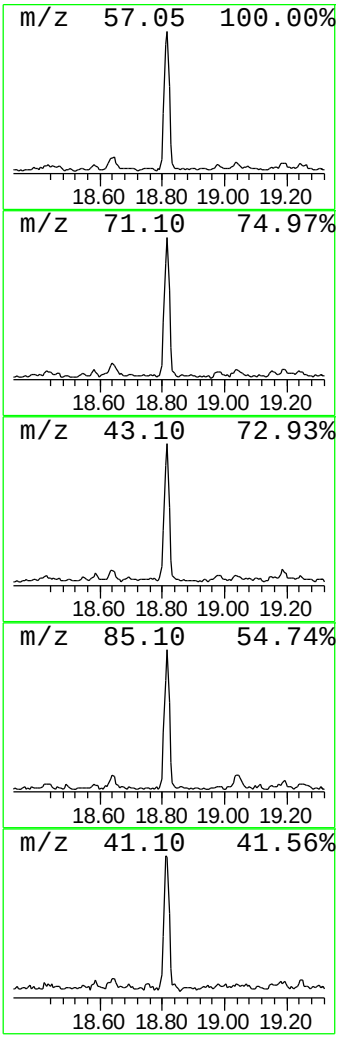
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	9.97 ng/ul	896645	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Docosane	310	C22H46	000629-97-0	91





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Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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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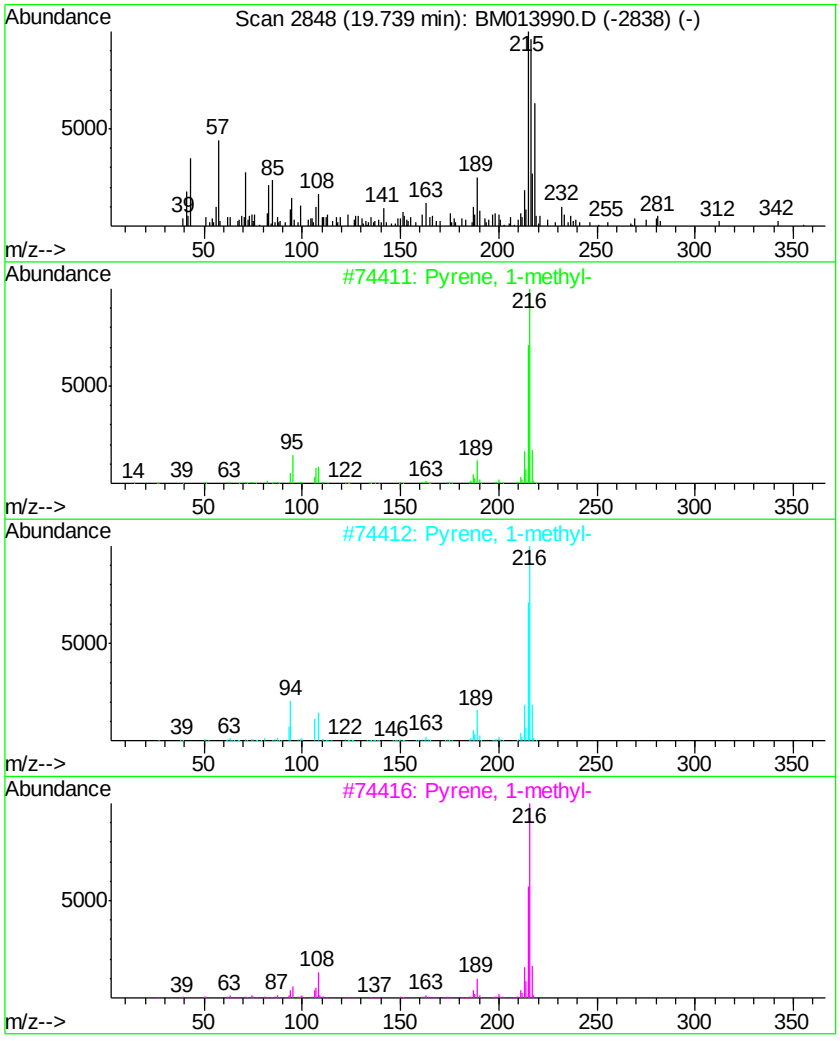
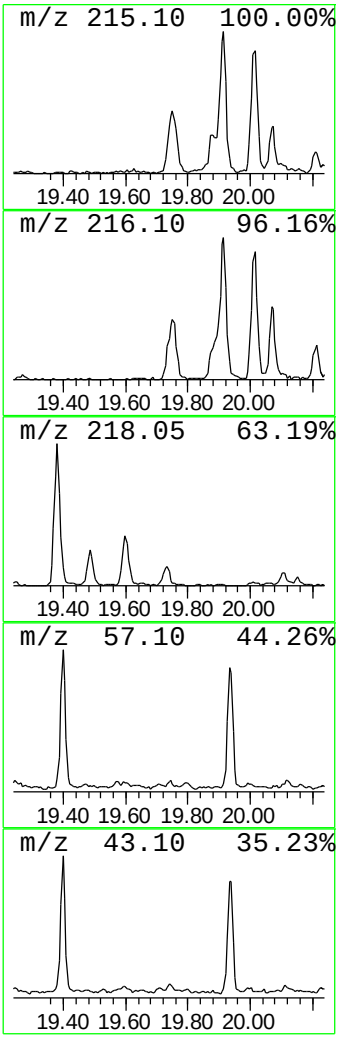
Peak Number 28 Pyrene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.90 ng/ul	391199	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	53
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	50





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Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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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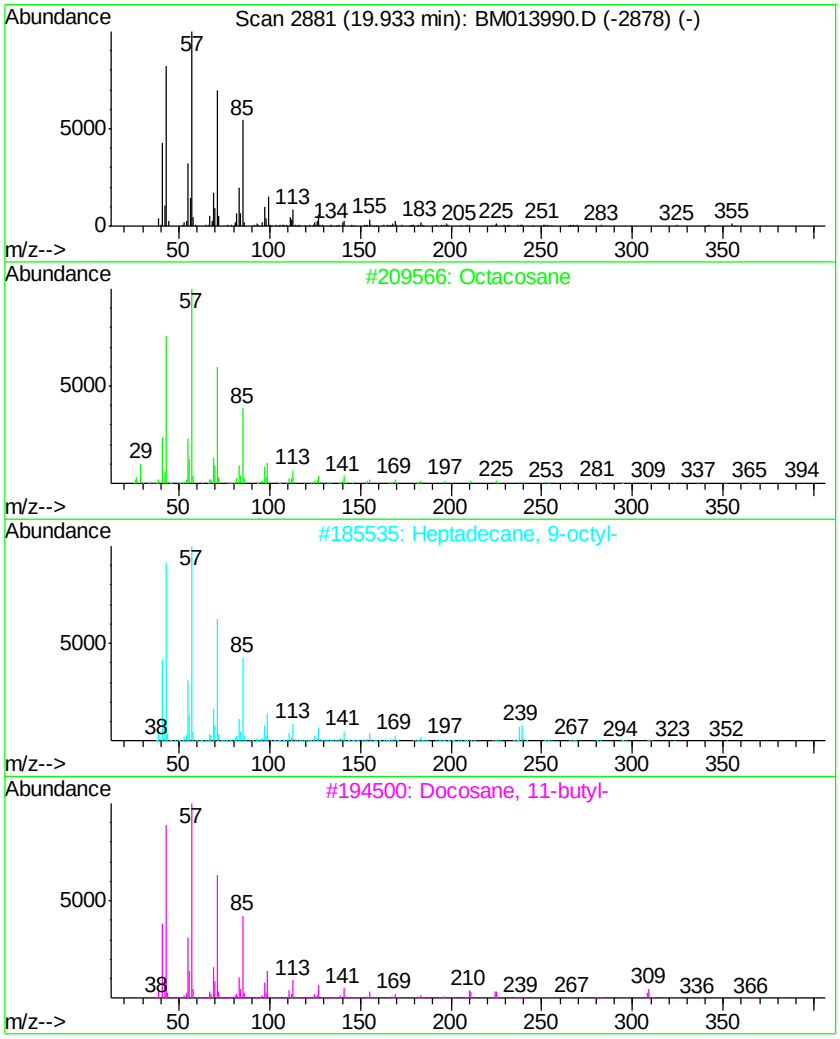
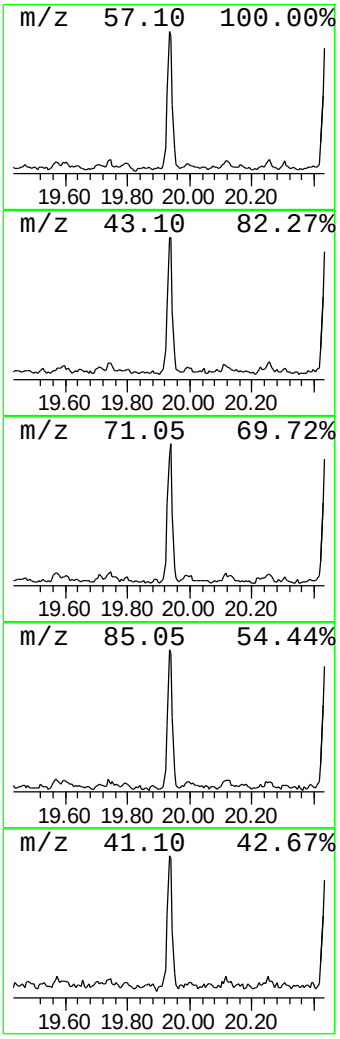
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	5.69 ng/ul	766545	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
4	Heneicosane	296	C21H44	000629-94-7	83
5	Tetracosane	338	C24H50	000646-31-1	74





Data Path : Z:\HPCHEM1\BNA_M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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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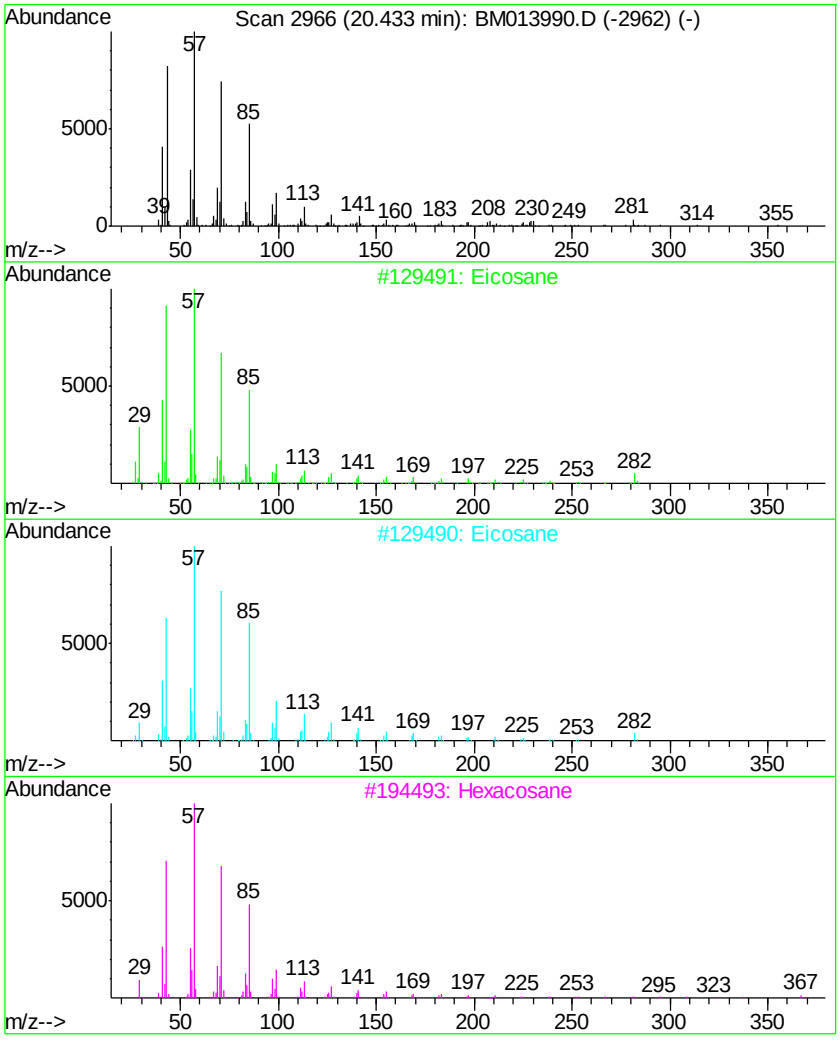
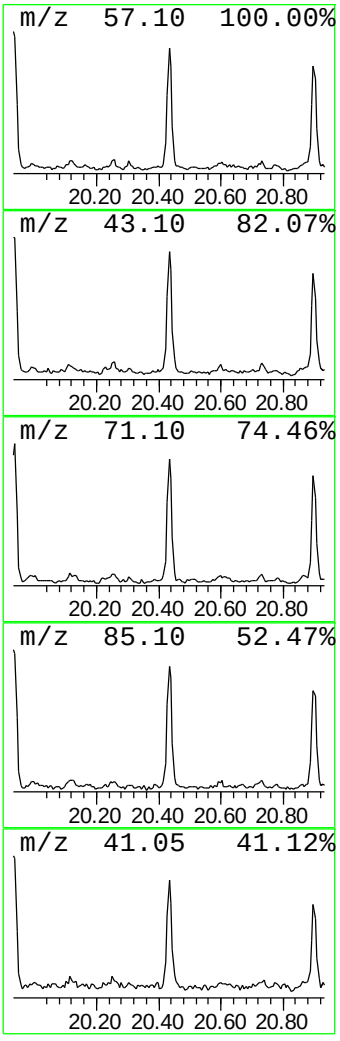
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	4.62 ng/ul	623241	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Eicosane	282	C20H42	000112-95-8	94
3	Hexacosane	366	C26H54	000630-01-3	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\HPCHEM1\BNA_M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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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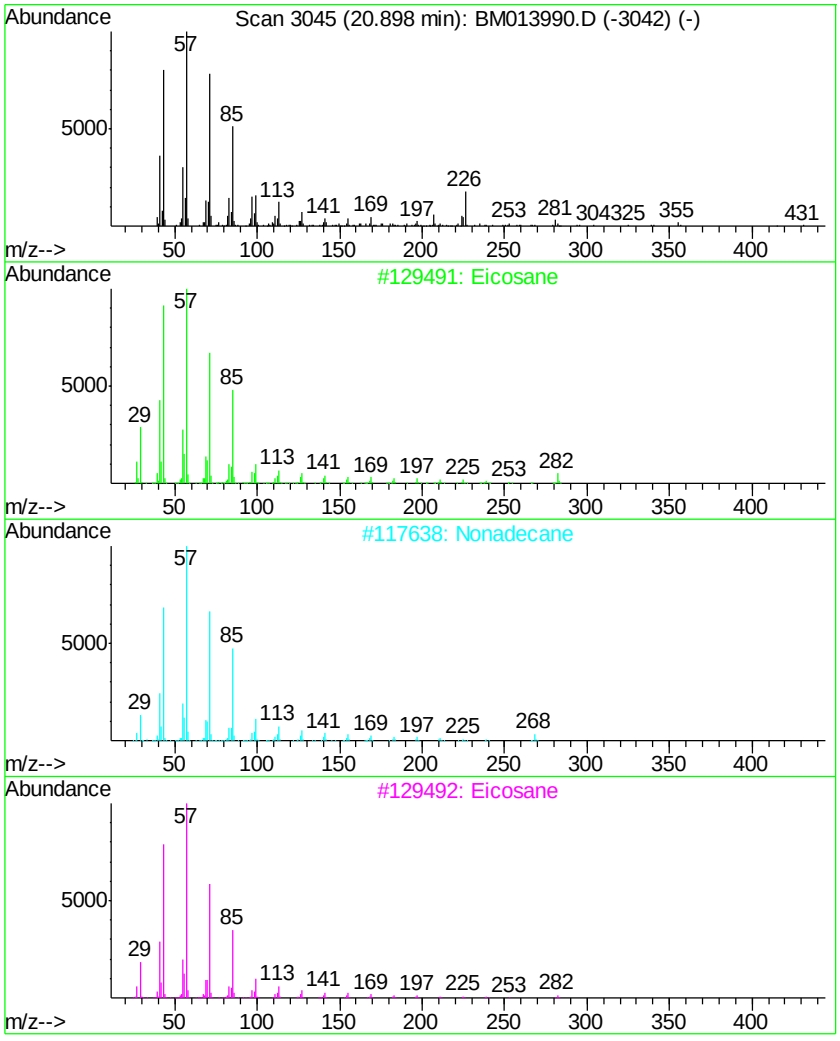
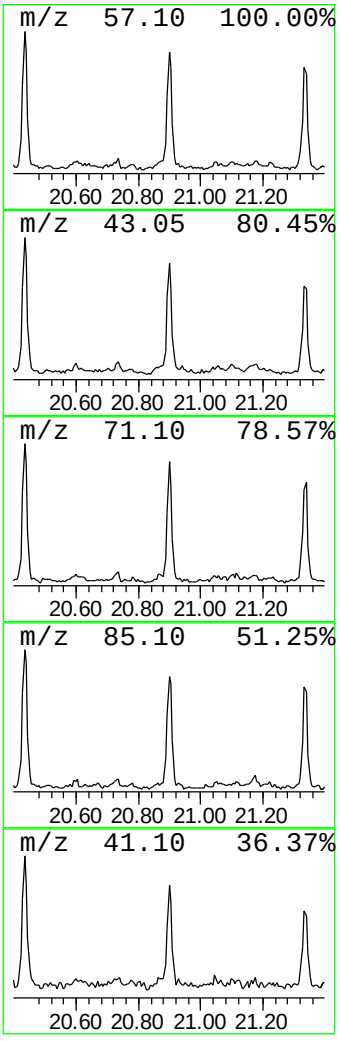
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.86 ng/ul	519645	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Nonadecane	268	C19H40	000629-92-5	95
3	Eicosane	282	C20H42	000112-95-8	94
4	Hexadecane	226	C16H34	000544-76-3	93
5	Eicosane	282	C20H42	000112-95-8	92





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Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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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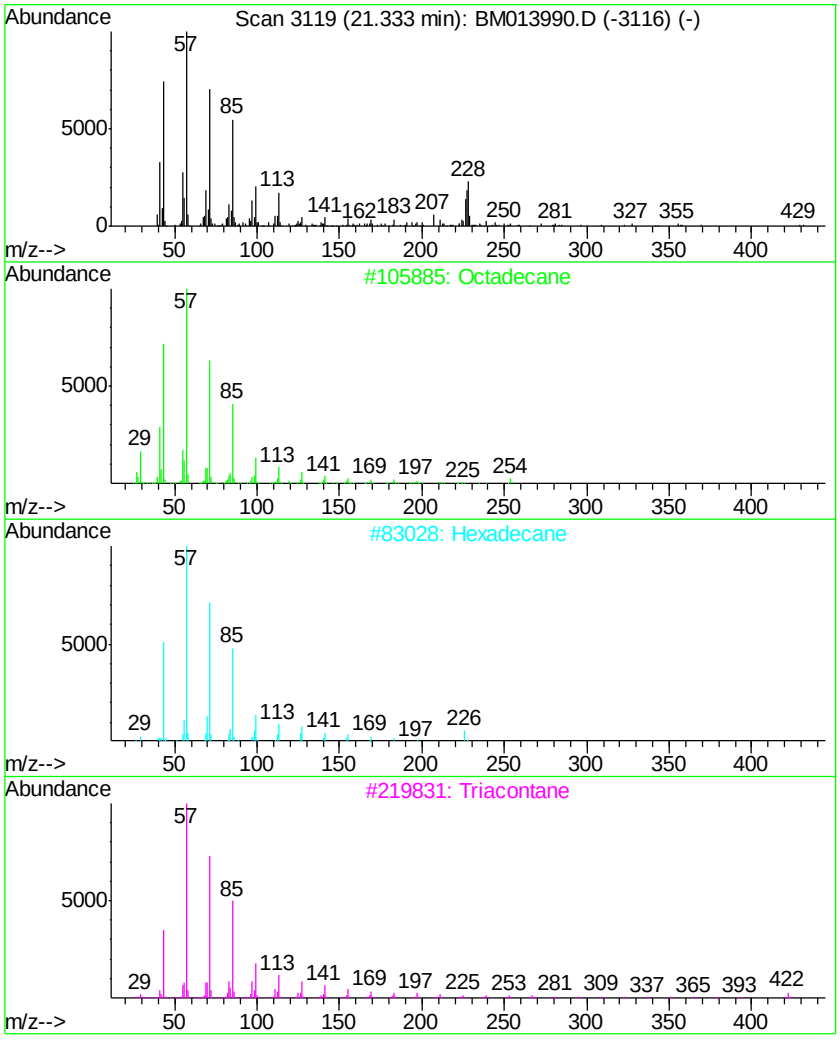
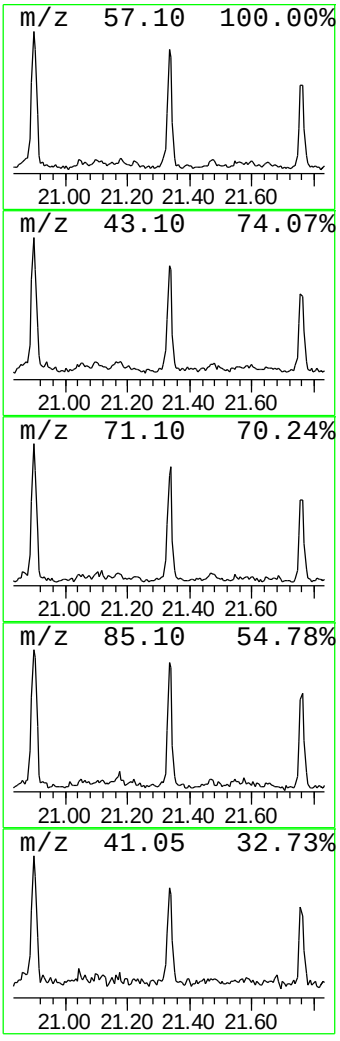
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	3.43 ng/ul	462321	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	70
2	Hexadecane	226	C16H34	000544-76-3	64
3	Triacontane	422	C30H62	000638-68-6	64
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	62
5	Octacosane	394	C28H58	000630-02-4	58





Data Path : Z:\HPCHEM1\BNA_M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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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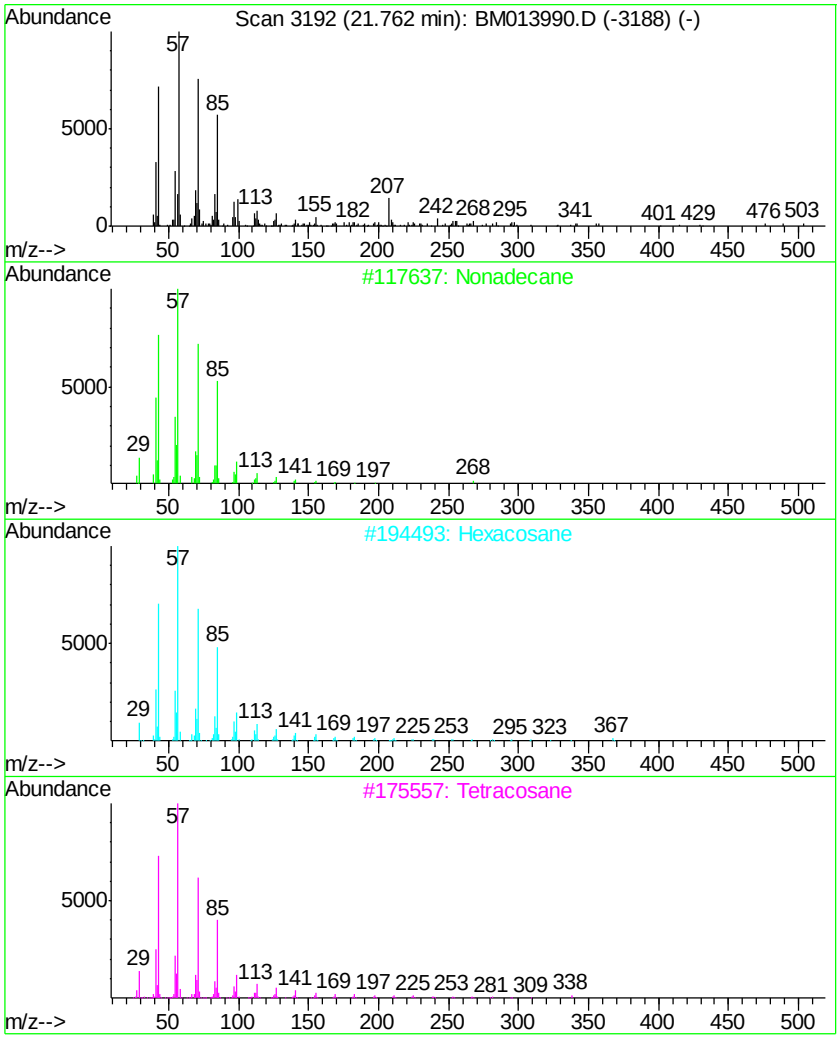
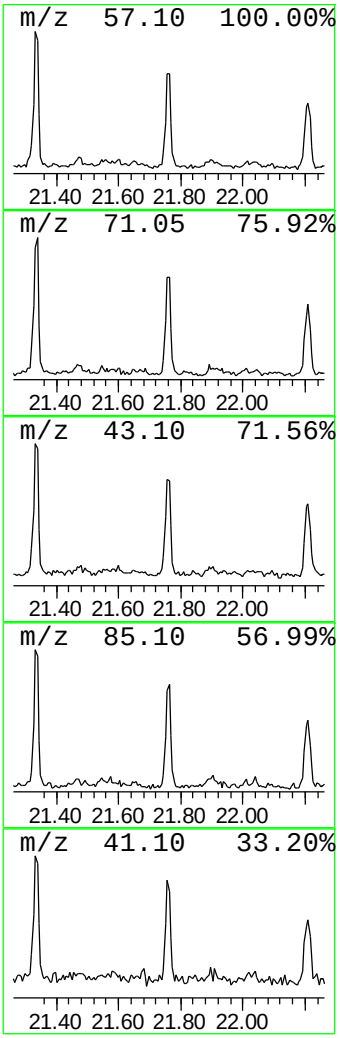
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.45 ng/ul	329667	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexacosane	366	C26H54	000630-01-3	87
3	Tetracosane	338	C24H50	000646-31-1	83
4	Tetracosane, 9-octyl-	451	C32H66	055401-54-2	83
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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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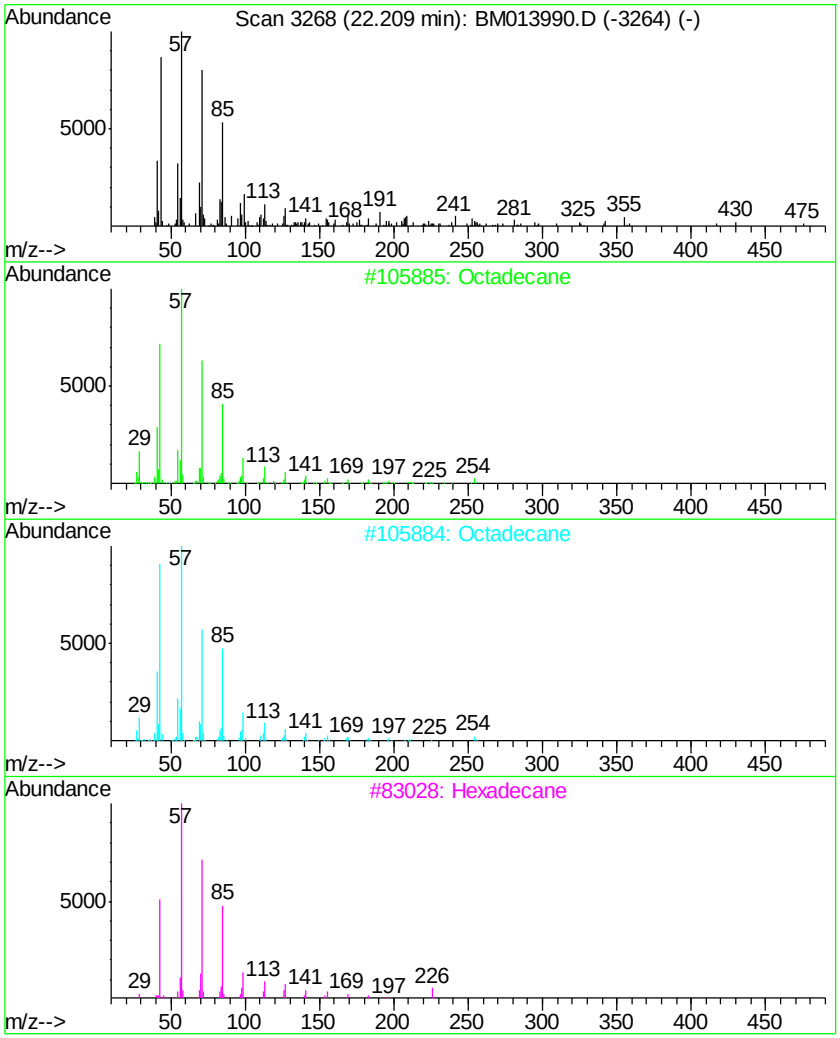
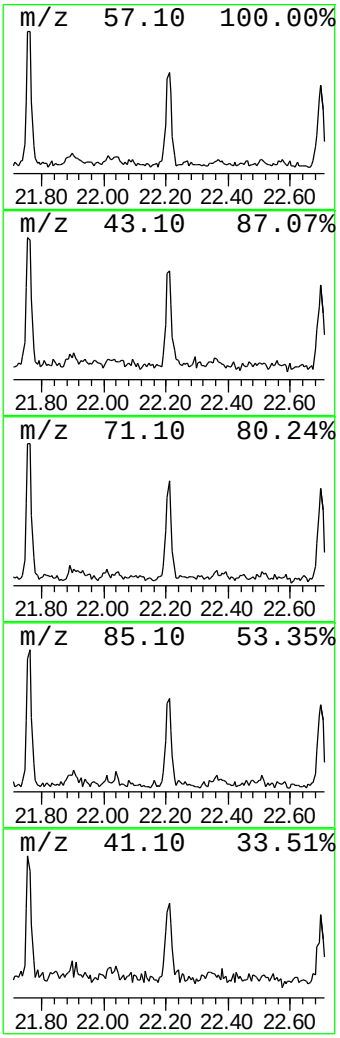
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	2.12 ng/ul	285495	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Octadecane	254	C18H38	000593-45-3	93
3	Hexadecane	226	C16H34	000544-76-3	93
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17DL

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...	11.36	2.3	ng/ul	123325	2	10.34	1092700	20.0
(DEL) Alkane: Str...	11.77	5.8	ng/ul	317297	2	10.34	1092700	20.0
Naphthalene, 1-me...	12.23	17.4	ng/ul	951178	2	10.34	1092700	20.0
Naphthalene, 1-et...	13.25	2.5	ng/ul	234180	3	14.22	1836360	20.0
Naphthalene, 1,5-...	13.38	2.8	ng/ul	259494	3	14.22	1836360	20.0
Naphthalene, 1,7-...	13.53	5.1	ng/ul	466133	3	14.22	1836360	20.0
Naphthalene, 2,6-...	13.59	3.5	ng/ul	321124	3	14.22	1836360	20.0
(DEL) Alkane: Str...	14.13	7.5	ng/ul	689110	3	14.22	1836360	20.0
unknown-01	14.75	2.0	ng/ul	183928	3	14.22	1836360	20.0
(DEL) Alkane: Str...	15.09	9.1	ng/ul	838974	3	14.22	1836360	20.0
(DEL) Alkane: Str...	15.49	4.5	ng/ul	413663	3	14.22	1836360	20.0
(4-Acetylphenyl)p...	15.69	5.0	ng/ul	449495	4	16.97	1798850	20.0
Dibenzofuran, 4-m...	15.72	4.1	ng/ul	372530	4	16.97	1798850	20.0
(DEL) Alkane: Str...	15.95	21.7	ng/ul	1954020	4	16.97	1798850	20.0
Naphthalene, 1,2,...	16.02	2.5	ng/ul	229551	4	16.97	1798850	20.0
(DEL) Alkane: Str...	16.74	12.9	ng/ul	1163060	4	16.97	1798850	20.0
Dibenzothiophene	16.79	7.2	ng/ul	651116	4	16.97	1798850	20.0
unknown-02	17.21	2.1	ng/ul	189794	4	16.97	1798850	20.0
(DEL) Alkane: Str...	17.48	11.8	ng/ul	1056980	4	16.97	1798850	20.0
Anthracene, 1-met...	17.85	4.6	ng/ul	410085	4	16.97	1798850	20.0
Phenanthrene, 2-m...	17.90	6.7	ng/ul	604343	4	16.97	1798850	20.0
4H-Cyclopenta[def...	18.05	5.8	ng/ul	523782	4	16.97	1798850	20.0
(DEL) Alkane: Str...	18.17	9.9	ng/ul	890117	4	16.97	1798850	20.0
5,16[1',2']:8,13[...	18.36	3.5	ng/ul	317392	4	16.97	1798850	20.0
Phenanthrene, 3,6...	18.78	2.0	ng/ul	181063	4	16.97	1798850	20.0
(DEL) Alkane: Str...	18.82	10.0	ng/ul	896645	4	16.97	1798850	20.0
Pyrene, 1-methyl-	19.74	2.9	ng/ul	391199	5	21.18	2695840	20.0
(DEL) Alkane: Str...	19.93	5.7	ng/ul	766545	5	21.18	2695840	20.0
(DEL) Alkane: Str...	20.43	4.6	ng/ul	623241	5	21.18	2695840	20.0
(DEL) Alkane: Str...	20.90	3.9	ng/ul	519645	5	21.18	2695840	20.0
(DEL) Alkane: Str...	21.33	3.4	ng/ul	462321	5	21.18	2695840	20.0
(DEL) Alkane: Str...	21.76	2.5	ng/ul	329667	5	21.18	2695840	20.0
(DEL) Alkane: Str...	22.21	2.1	ng/ul	285495	5	21.18	2695840	20.0