LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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	4.757	294	301	311	rBV	2505063	3525946	12.26%	1.896%
2	6.004	498	513	517	rBV	4726203	12575392	43.74%	6.762%
3	6.781	641	645	657	rVB3	419000	891694	3.10%	0.479%
4	6.940	663	672	677	rBV	311695	499640	1.74%	0.269%
5	7.134	698	705	712	rVB	448618	723302	2.52%	0.389%
6	7.216	712	719	722	rBV	262891	406296	1.41%	0.218%
7	7.592	773	783	790	rBV	657777	1109317	3.86%	0.597%
8	8.075	860	865	870	rBV	357347	558888	1.94%	0.301%
9	8.228	885	891	897	rBV2	258326	484165	1.68%	0.260%
10	8.310	897	905	909	rBV	424888	678401	2.36%	0.365%
11	8.751	974	980	985	rBV	365670	624626	2.17%	0.336%
12	8.804	985	989	999	rVB	538352	815532	2.84%	0.439%
13	9.463	1092	1101	1111	rBV5	403197	956517	3.33%	0.514%
14	9.886	1168	1173	1179	rBV4	173139	331393	1.15%	0.178%
15	10.004	1187	1193	1199	rBV	551559	918457	3.19%	0.494%
16	10.345	1243	1251	1253	rBV	1043450	1739995	6.05%	0.936%
17	10.422	1259	1264	1271	rVB	1148954	1962468	6.83%	1.055%
18	10.528	1277	1282	1288	rVB4	463930	883544	3.07%	0.475%
19	10.669	1299	1306	1313	rVB3	278403	509106	1.77%	0.274%
20	10.745	1314	1319	1328	rBV3	162628	317685	1.10%	0.171%
21	11.204	1391	1397	1404	rBV2	208278	427669	1.49%	0.230%
22	11.280	1404	1410	1417	rVB3	220747	421073	1.46%	0.226%
23	11.392	1424	1429	1433	rBV	404892	668092	2.32%	0.359%
24	11.469	1438	1442	1448	rVB3	199245	368094	1.28%	0.198%
25	11.798	1488	1498	1503	rBV	1383908	2182418	7.59%	1.174%
26	11.922	1509	1519	1525	rBV8	119570	360714	1.25%	0.194%
27	12.039	1531	1539	1546	rVB	1803967	2922972	10.17%	1.572%
28	12.263	1568	1577	1584	rBV	992242	1668920	5.80%	0.897%
29	12.498	1612	1617	1624	rVV4	140348	385521	1.34%	0.207%
30	12.633	1635	1640	1650	rVB2	241612	536359	1.87%	0.288%
31	12.716	1650	1654	1659	rBV2	190307	350469	1.22%	0.188%
32	12.775	1659	1664	1668	rVV2	526574	831481	2.89%	0.447%
33	13.069	1707	1714	1721	rBV	2311972	3371713	11.73%	1.813%
34	13.269	1744	1748	1751	rBV	417256	633739	2.20%	0.341%

LSC Area Percent Report

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Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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	13.404	1765	1771	1773	rBV2	1000470	1756960	6.11%	0.945%
36	13.563	1792	1798	1803	rBV	1411499	2559502	8.90%	1.376%
37	13.616	1803	1807	1810	rVV	913145	1475187	5.13%	0.793%
38	13.663	1810	1815	1819	rVV	980135	1720242	5.98%	0.925%
39	13.733	1819	1827	1831	rVB3	684716	1196032	4.16%	0.643%
40	13.774	1831	1834	1836	rBV2	289383	390328	1.36%	0.210%
41	13.798	1836	1838	1842	rVV	489848	637557	2.22%	0.343%
42	13.939	1857	1862	1865	rBV	944985	1453329	5.05%	0.781%
43	13.969	1865	1867	1874	rVB	361900	431238	1.50%	0.232%
44	14.151	1893	1898	1903	rBV	2309688	3015785	10.49%	1.622%
45	14.233	1903	1912	1920	rVV2	7017487	11040407	38.40%	5.937%
46	14.310	1920	1925	1933	rVV2	1478396	2584222	8.99%	1.390%
47	14.392	1934	1939	1945	rVV3	513849	904034	3.14%	0.486%
48	14.474	1945	1953	1960	rVV4	697767	1884051	6.55%	1.013%
49	14.539	1960	1964	1970	rVV6	230282	390629	1.36%	0.210%
50	14.598	1970	1974	1976	rVV	420809	617994	2.15%	0.332%
51	14.651	1978	1983	1989	rVV	1757495	2729384	9.49%	1.468%
52	14.727	1991	1996	2000	rVV	652973	971942	3.38%	0.523%
53	14.780	2000	2005	2013	rVV7	496839	1116926	3.88%	0.601%
54	14.880	2013	2022	2026	rBV3	1324057	2350535	8.17%	1.264%
55	14.921	2026	2029	2033	rVB	436629	559477	1.95%	0.301%
56	15.021	2041	2046	2047	rBV4	320182	467416	1.63%	0.251%
57	15.110	2057	2061	2066	rVB	2385514	2903761	10.10%	1.561%
58	15.245	2079	2084	2089	rVB	1187441	1566551	5.45%	0.842%
59	15.298	2089	2093	2098	rBV	1267971	1760872	6.12%	0.947%
60	15.357	2098	2103	2106	rBV4	301433	507586	1.77%	0.273%
61	15.515	2125	2130	2135	rBV	683252	1019827	3.55%	0.548%
62	15.668	2152	2156	2159	rBV3	243925	378720	1.32%	0.204%
63	15.715	2159	2164	2175	rVB	4391477	6443125	22.41%	3.465%
64	15.810	2176	2180	2188	rBV5	286607	515444	1.79%	0.277%
65	15.974	2204	2208	2216	rBV	2363503	4657053	16.20%	2.504%
66	16.045	2216	2220	2224	rVB	2165981	2767015	9.62%	1.488%
67	16.310	2259	2265	2269	rBV6	231947	460359	1.60%	0.248%
68	16.357	2269	2273	2284	rVB4	332880	703065	2.45%	0.378%
69	16.668	2318	2326	2332	rBV	20269008	28752764	100.00%	15.461%
70	16.768	2338	2343	2348	rVV2	1965760	2427613	8.44%	1.305%
71	16.821	2348	2352	2361	rVB	1064439	1656946	5.76%	0.891%

LSC Area Percent Report

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Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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	16.910	2362	2367	2377	rVB	479800	741408	2.58%	0.399%
73	17.004	2378	2383	2386	rBV	1418780	1986134	6.91%	1.068%
74	17.045	2386	2390	2395	rVV	4662879	6237729	21.69%	3.354%
75	17.104	2395	2400	2403	rVV2	1432411	2043414	7.11%	1.099%
76	17.133	2403	2405	2410	rVB	807724	1008694	3.51%	0.542%
77	17.227	2413	2421	2427	rVB4	583499	1081063	3.76%	0.581%
78	17.410	2449	2452	2455	rBV	355591	491195	1.71%	0.264%
79	17.509	2464	2469	2474	rBV	1533704	2055129	7.15%	1.105%
80	17.586	2478	2482	2490	rVB	315923	616742	2.14%	0.332%
81	17.721	2502	2505	2511	rVB2	189830	334816	1.16%	0.180%
82	17.786	2512	2516	2521	rBV4	185749	306583	1.07%	0.165%
83	17.880	2527	2532	2534	rBV	343724	504197	1.75%	0.271%
84	17.921	2534	2539	2547	rVB2	614653	1192536	4.15%	0.641%
85	18.068	2560	2564	2568	rBV3	483309	798587	2.78%	0.429%
86	18.198	2582	2586	2595	rVB	1288672	1657222	5.76%	0.891%
87	18.386	2614	2618	2621	rBV2	245056	336798	1.17%	0.181%
88	18.839	2691	2695	2703	rVB	1188077	1458374	5.07%	0.784%
89	19.068	2729	2734	2741	rVB	2673586	3497466	12.16%	1.881%
90	19.403	2786	2791	2793	rBV	1976521	2881824	10.02%	1.550%
91	19.427	2793	2795	2805	rVB2	2394030	3147848	10.95%	1.693%
92	19.962	2883	2886	2891	rVB	853253	943202	3.28%	0.507%
93	20.456	2967	2970	2976	rBV	689936	788583	2.74%	0.424%
94	20.921	3046	3049	3055	rVB2	957563	1115552	3.88%	0.600%
95	21.197	3091	3096	3100	rBV2	1731029	2562619	8.91%	1.378%
96	21.356	3120	3123	3127	rBV2	557188	634698	2.21%	0.341%
97	21.786	3193	3196	3204	rVB	434852	575562	2.00%	0.309%
98	22.239	3270	3273	3277	rVB	331049	387192	1.35%	0.208%
99	23.256	3441	3446	3459	rVB2	1100041	2352675	8.18%	1.265%
100	23.391	3465	3469	3475	rVB	1044842	1816779	6.32%	0.977%

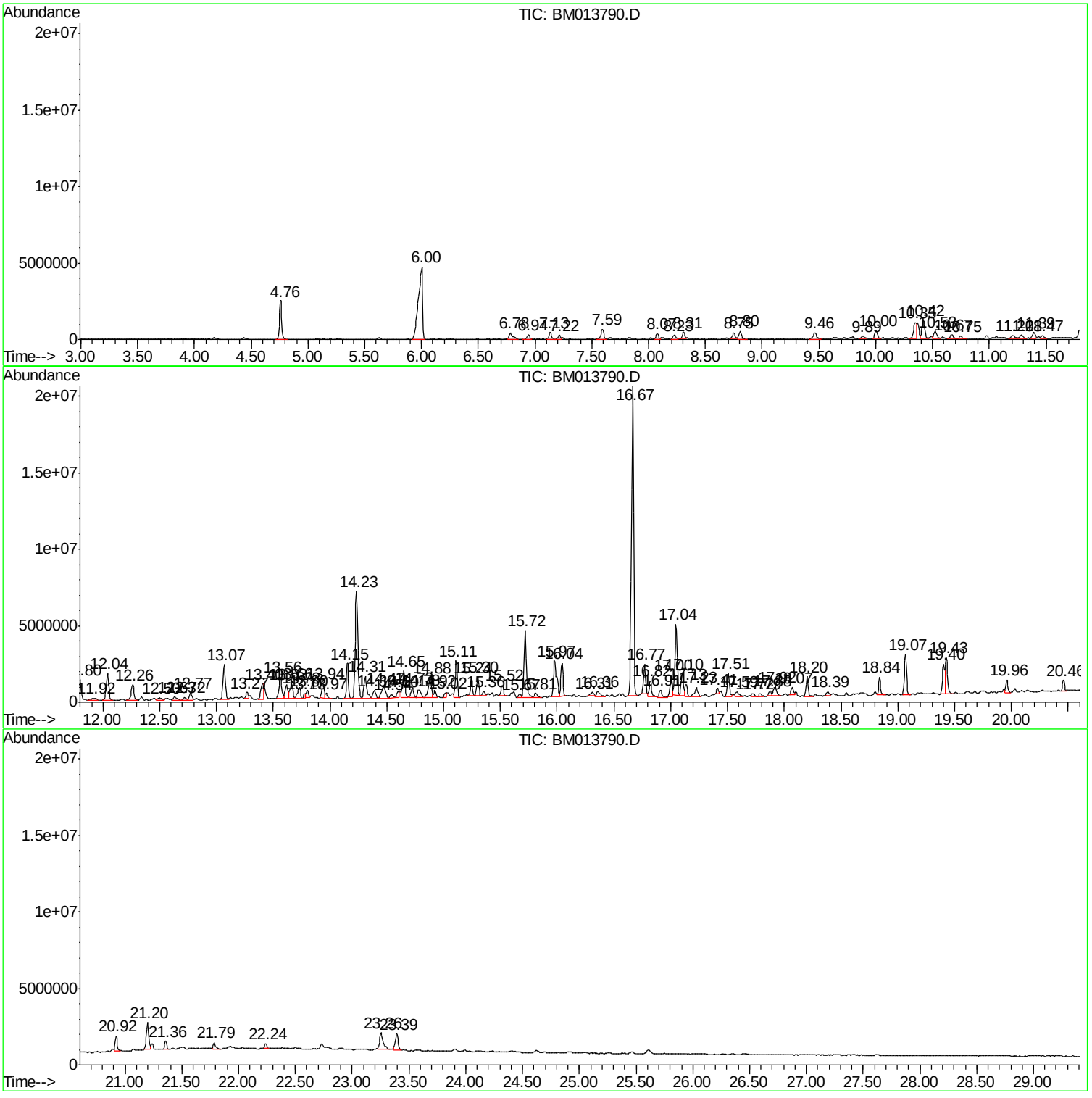
Sum of corrected areas: 185970097

Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A85

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\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
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Sample : J1222-12
Misc :
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Instrument : BNA_M
ClientSampleId : F6A85

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

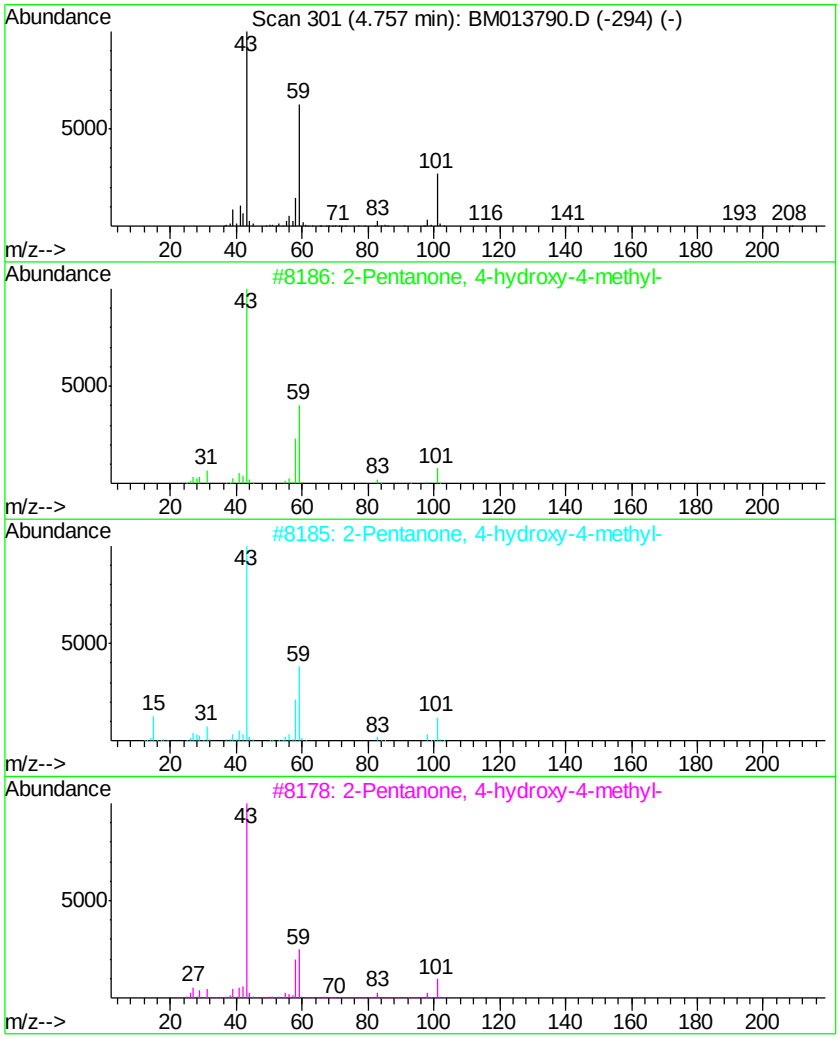
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

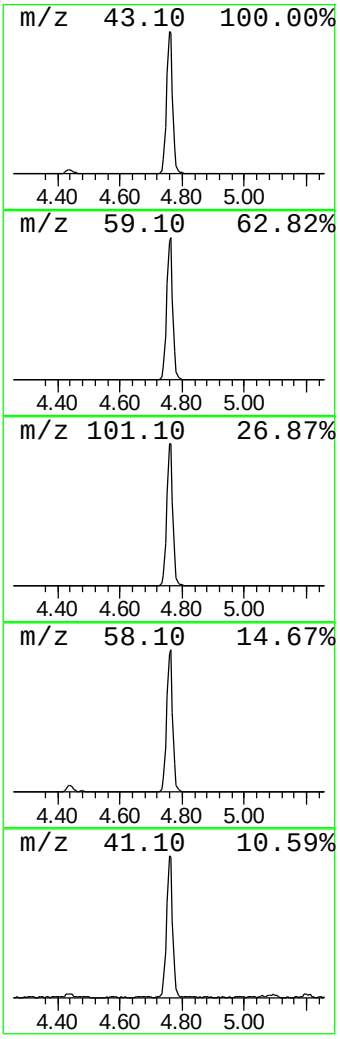
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	63.57 ng/ul	3525950	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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

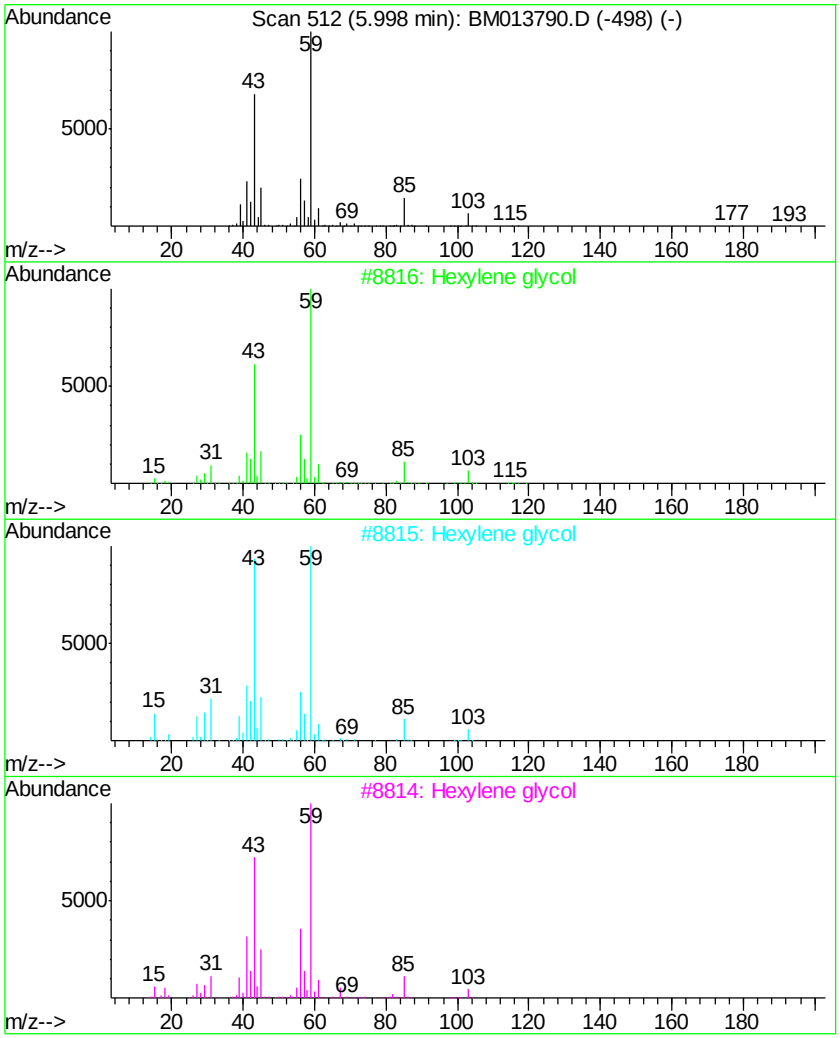
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

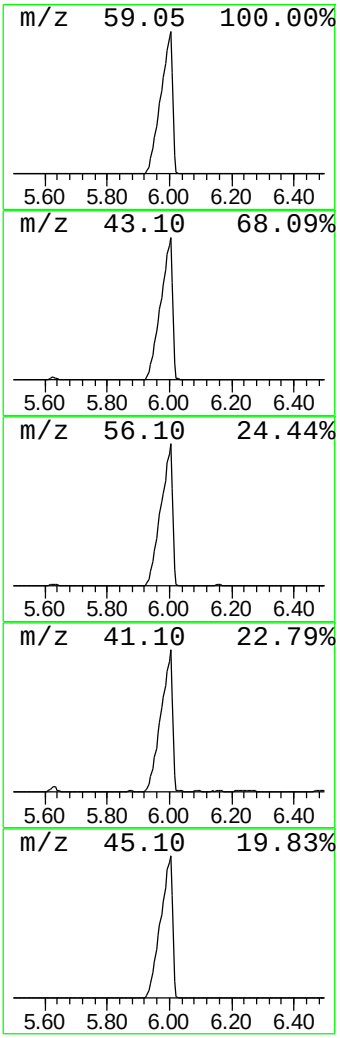
****

Peak Number 2 Hexylene glycol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	226.72 ng/ul	12575400	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene glycol	118	C6H14O2	000107-41-5	90
2	Hexylene glycol	118	C6H14O2	000107-41-5	83
3	Hexylene glycol	118	C6H14O2	000107-41-5	83
4	Hexylene glycol	118	C6H14O2	000107-41-5	59
5	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

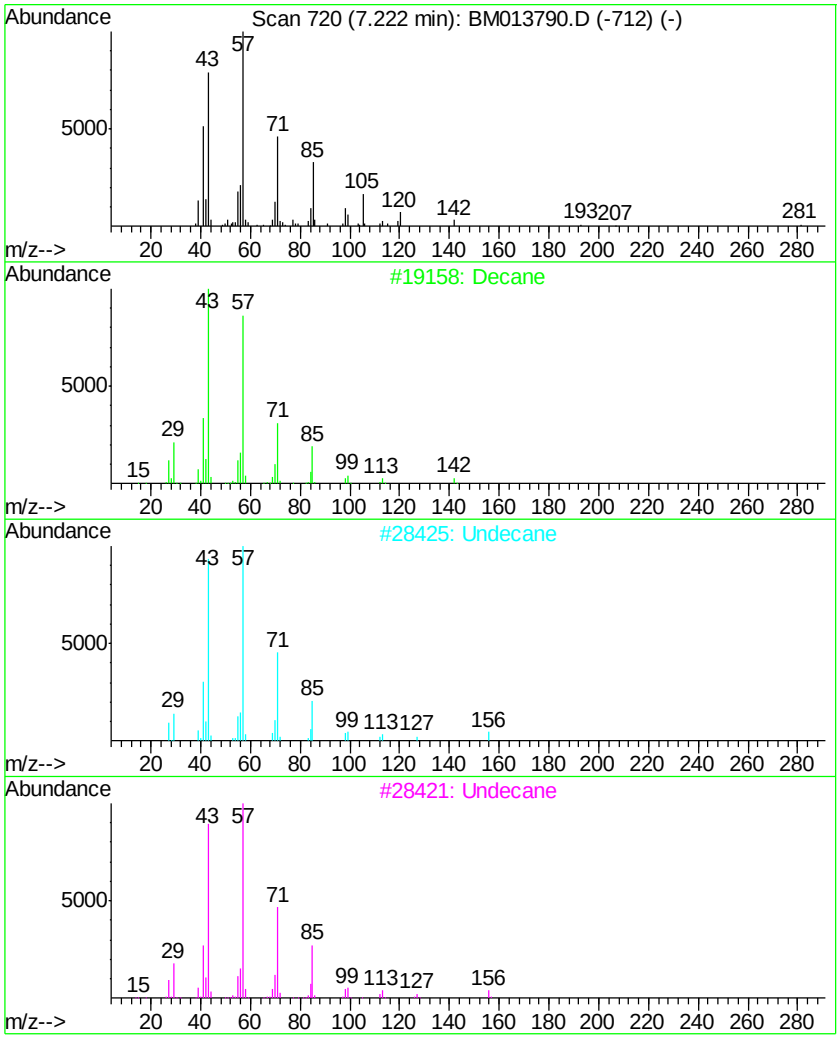
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

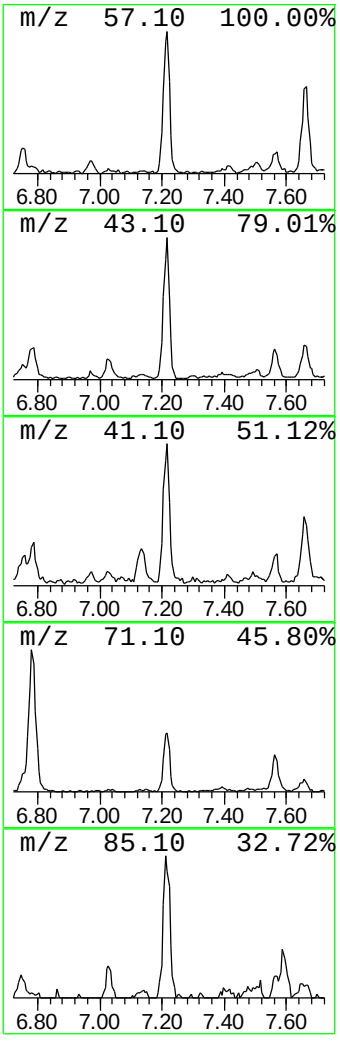
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	7.33 ng/ul	406296	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Undecane	156	C11H24	001120-21-4	90
3	Undecane	156	C11H24	001120-21-4	83
4	Tridecane	184	C13H28	000629-50-5	83
5	Undecane	156	C11H24	001120-21-4	83





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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

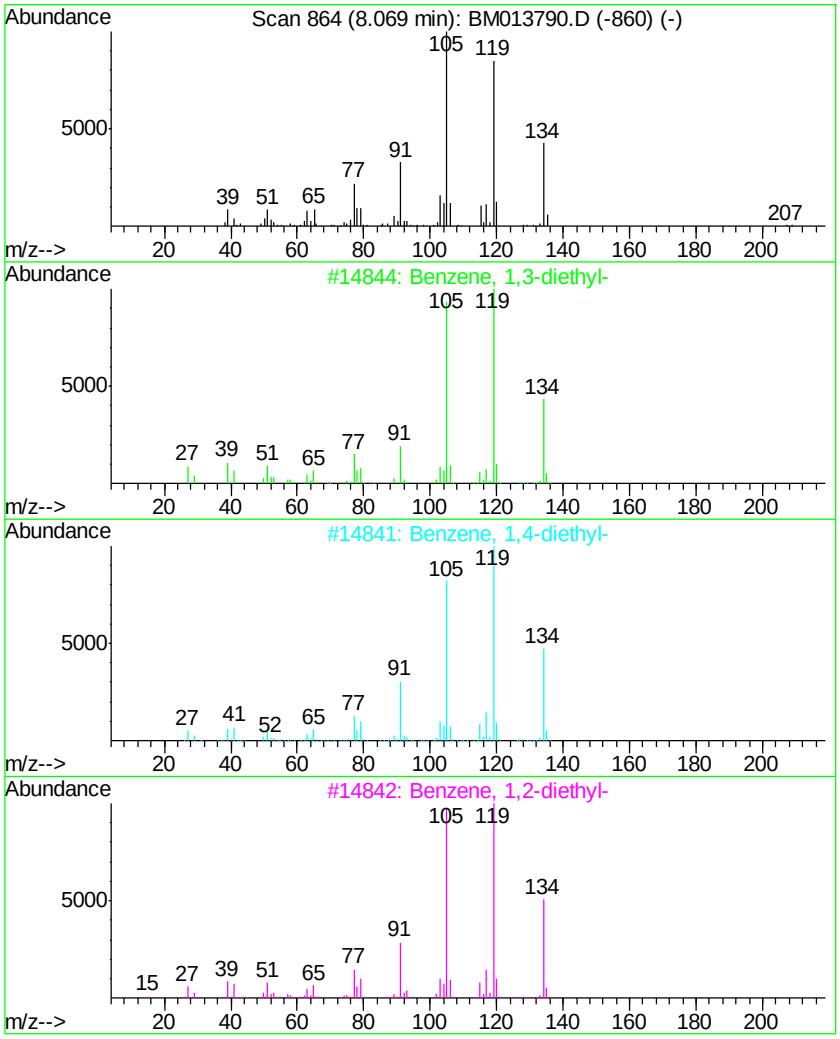
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

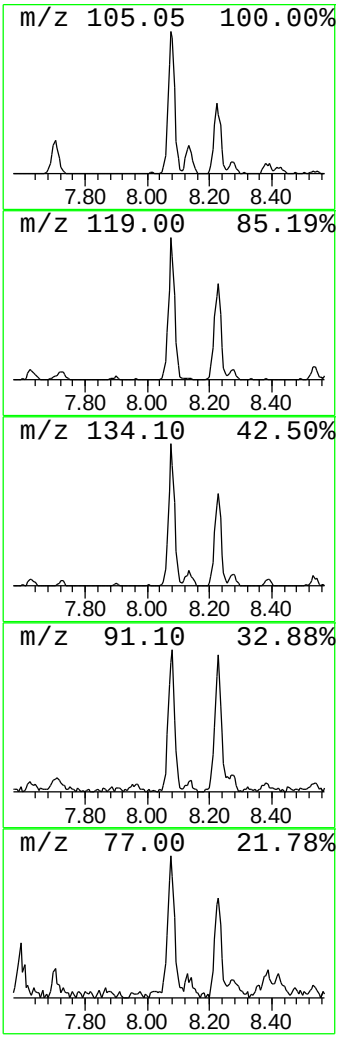
****

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	10.08 ng/ul	558888	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

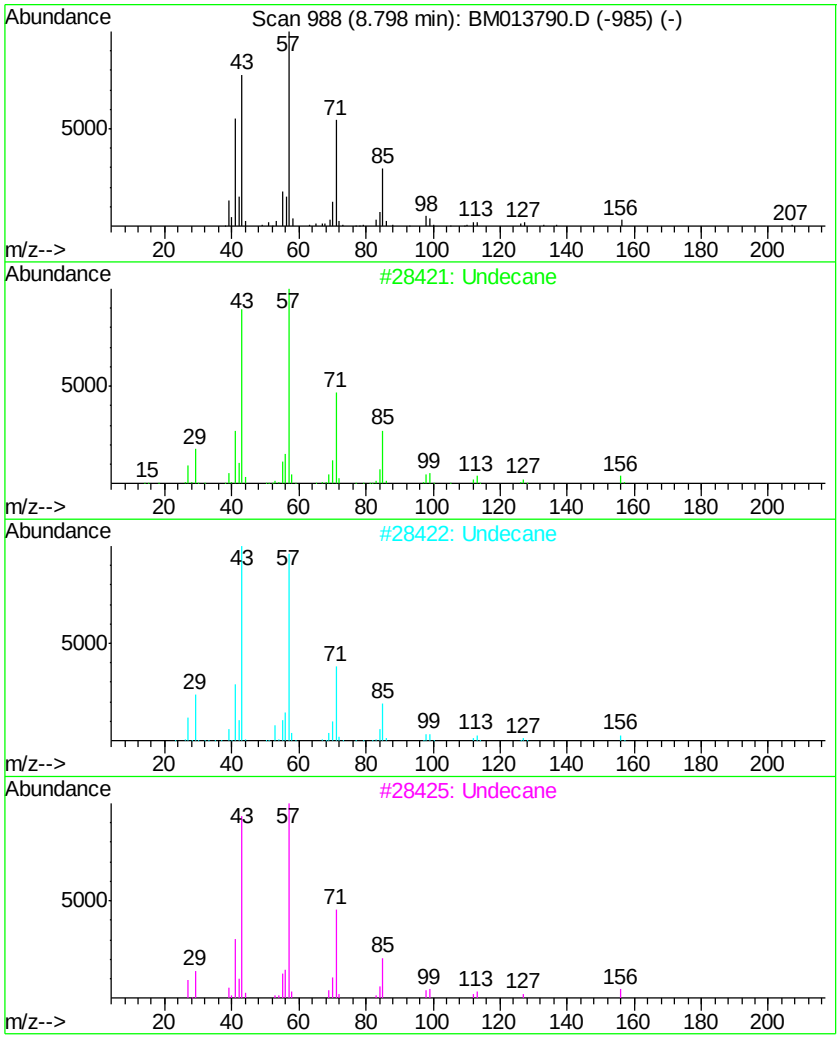
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

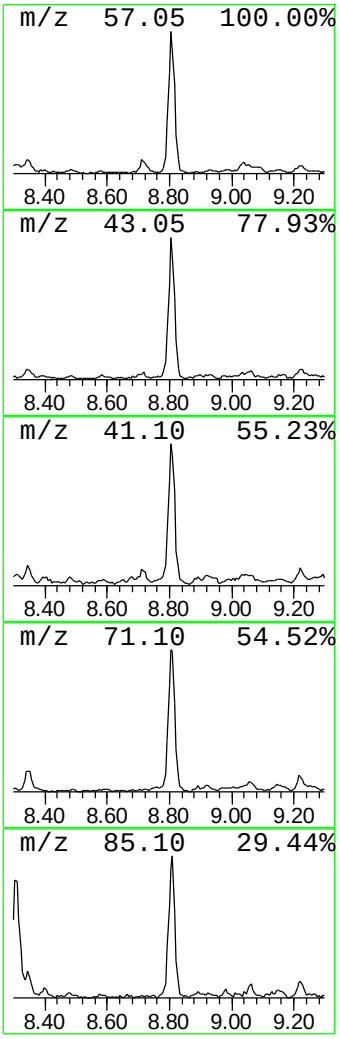
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	14.70 ng/ul	815532	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Undecane	156	C11H24	001120-21-4	91
3	Undecane	156	C11H24	001120-21-4	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Hexadecane	226	C16H34	000544-76-3	83





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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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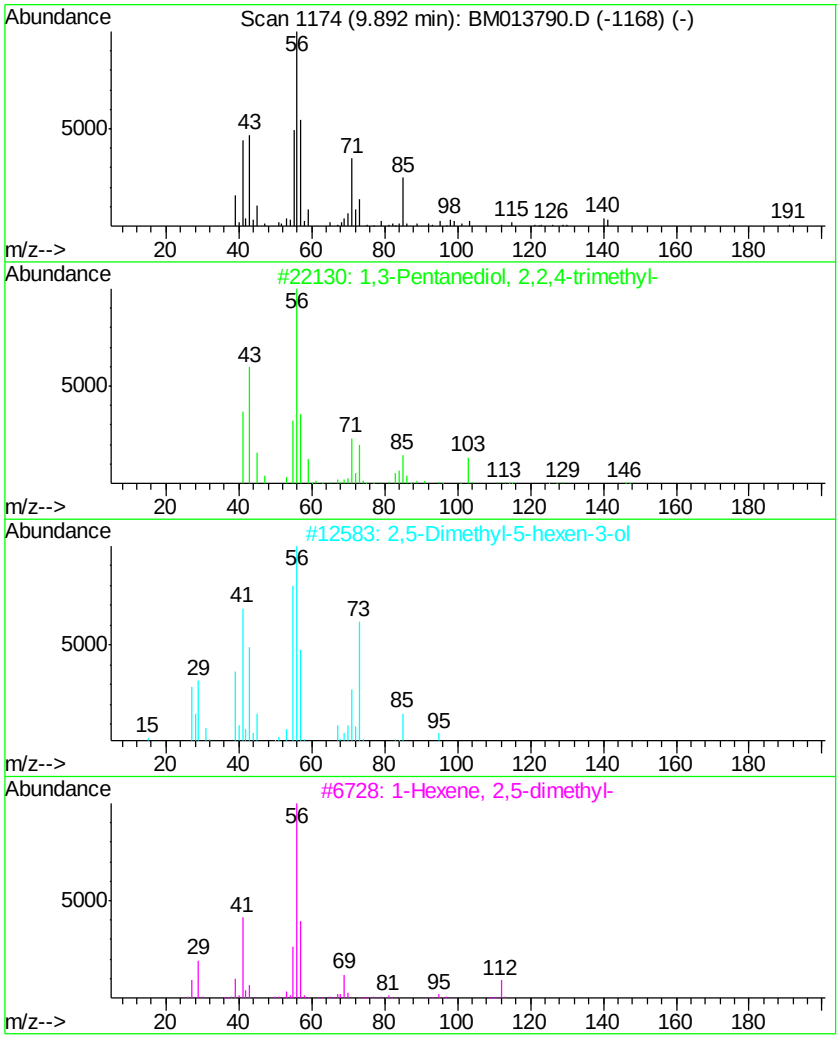
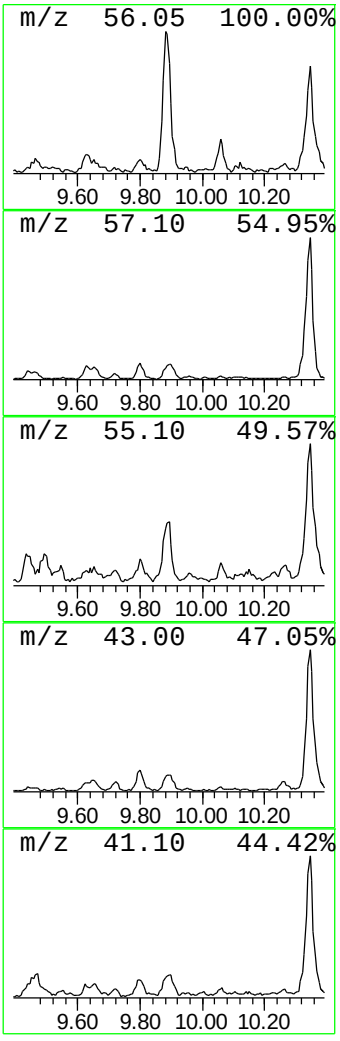
Peak Number 7 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	3.81 ng/ul	331393	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	64
2	2,5-Dimethyl-5-hexen-3-ol	128	C8H16O	067760-91-2	56
3	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	43
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	43
5	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	40





Library Search Compound Report

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Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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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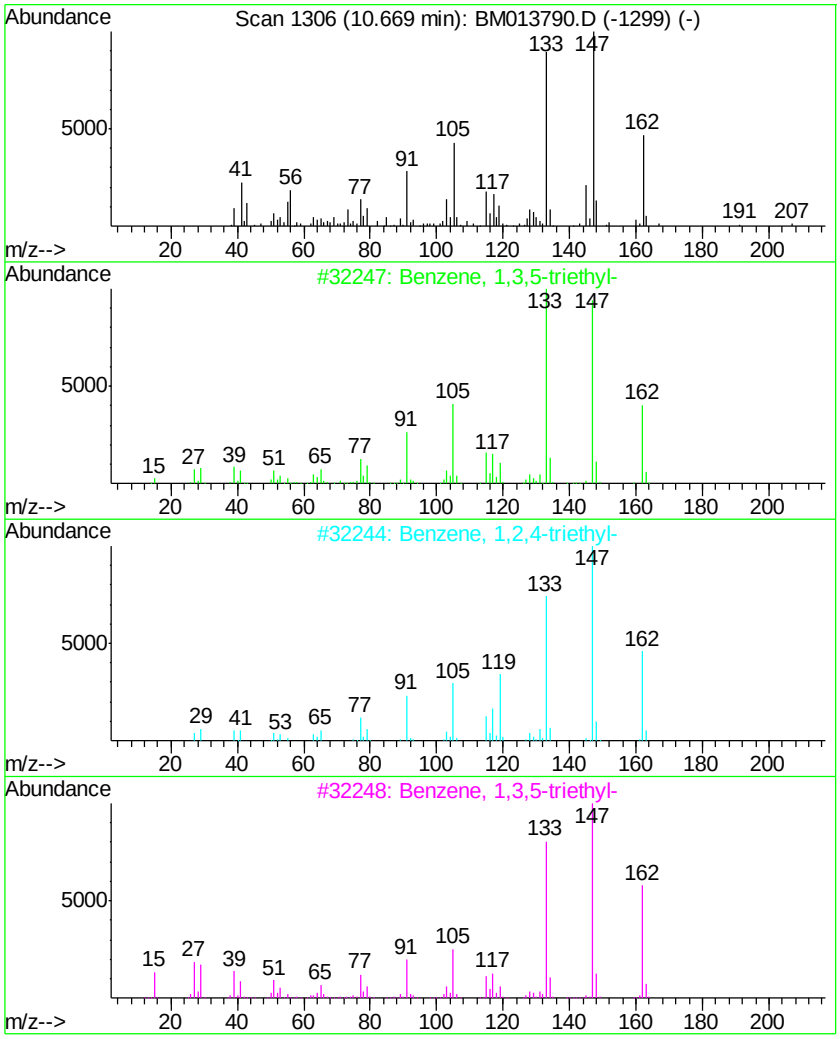
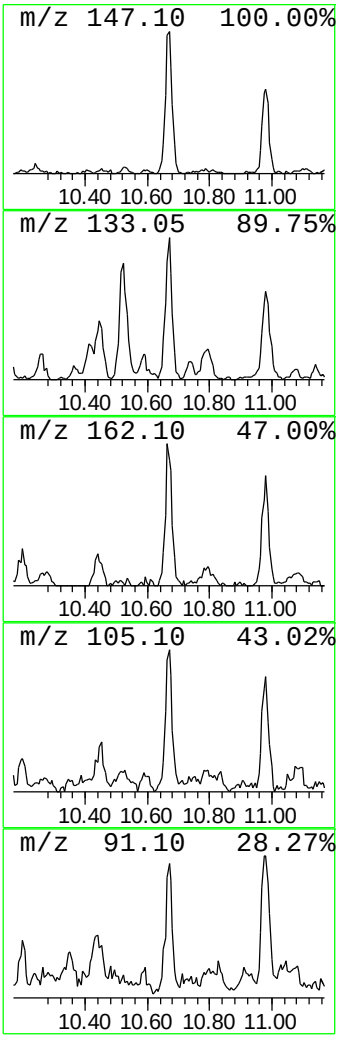
Peak Number 8 Benzene, 1,3,5-triethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	5.85 ng/ul	509106	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	91
2	Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	87
3	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	87
4	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	87
5	Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	83





Library Search Compound Report

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Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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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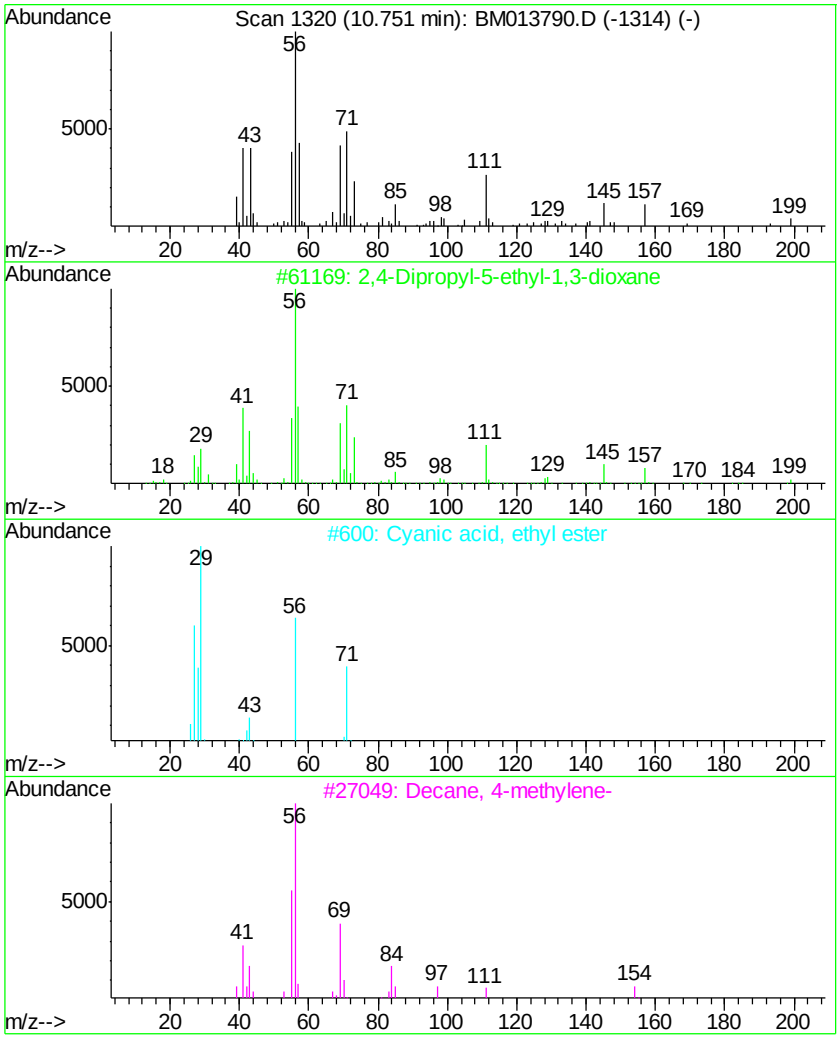
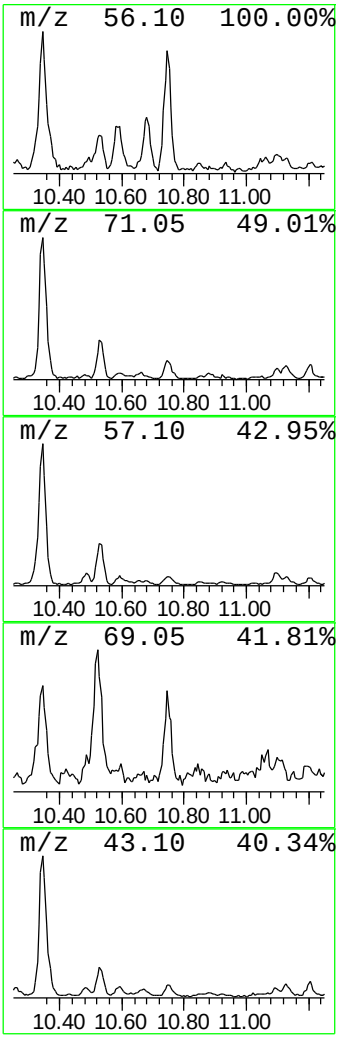
Peak Number 9 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	3.65 ng/ul	317685	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	59
2	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	49
3	Decane, 4-methylene-	154	C11H22	024949-41-5	38
4	1-(1-Azacyclopropyl)decane	183	C12H25N	046237-34-7	33
5	Cyclohexane, (1,1-dimethylethyl)-	140	C10H20	003178-22-1	27





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Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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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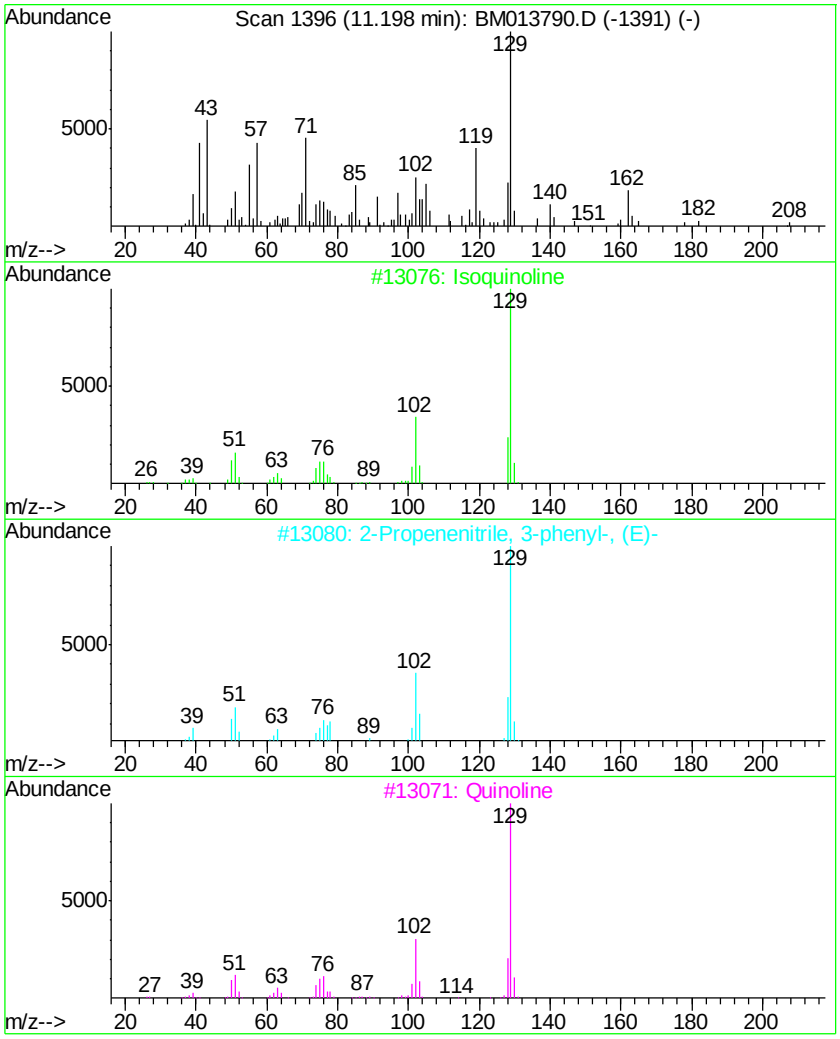
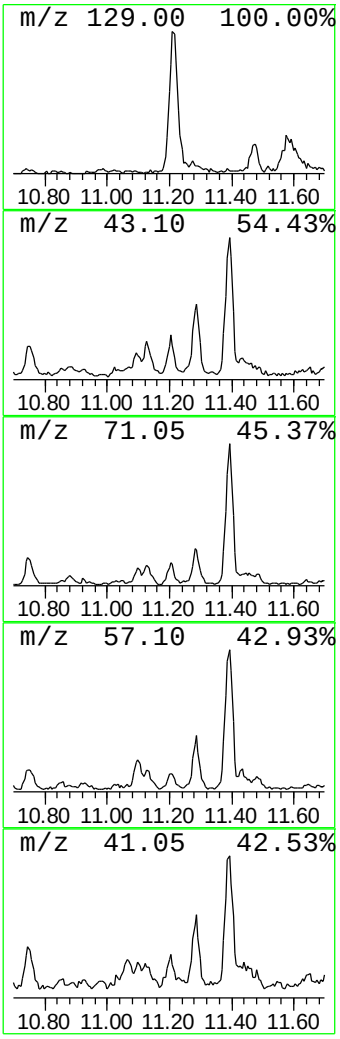
Peak Number 10 Isoquinoline Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	4.92 ng/ul	427669	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline	129	C9H7N	000119-65-3	87
2	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	70
3	Quinoline	129	C9H7N	000091-22-5	55
4	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	55
5	Benzonitrile, 4-ethenyl-	129	C9H7N	003435-51-6	55





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Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

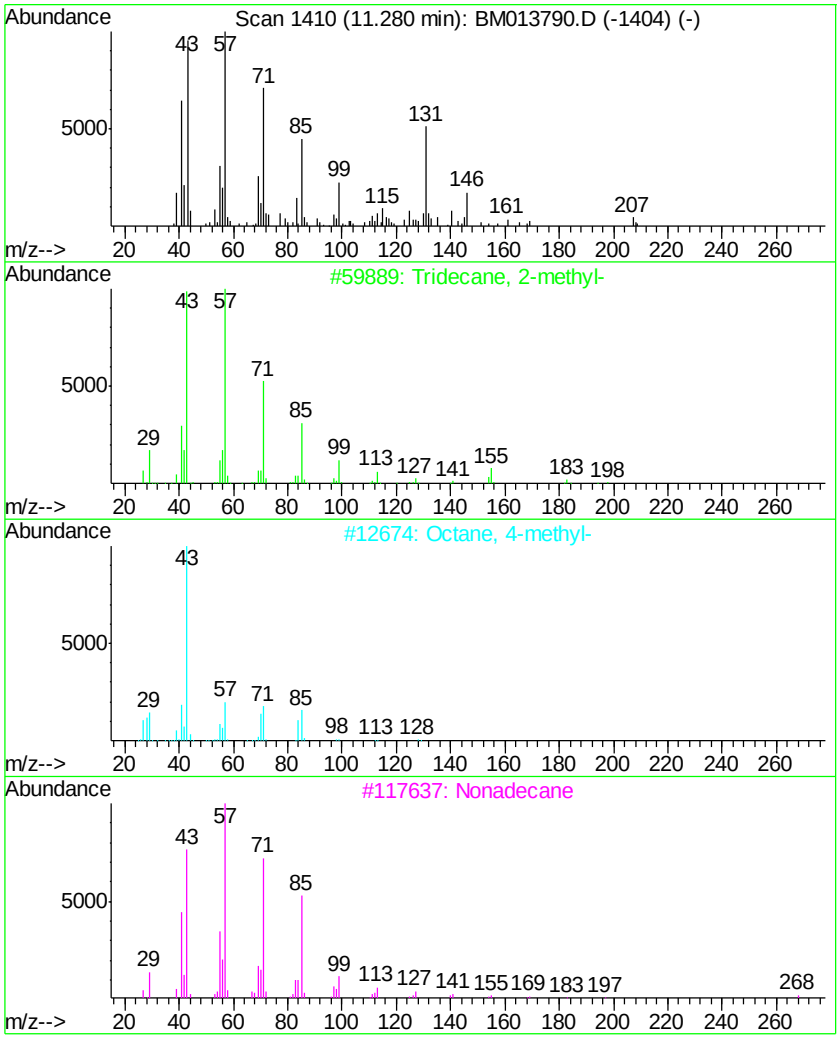
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

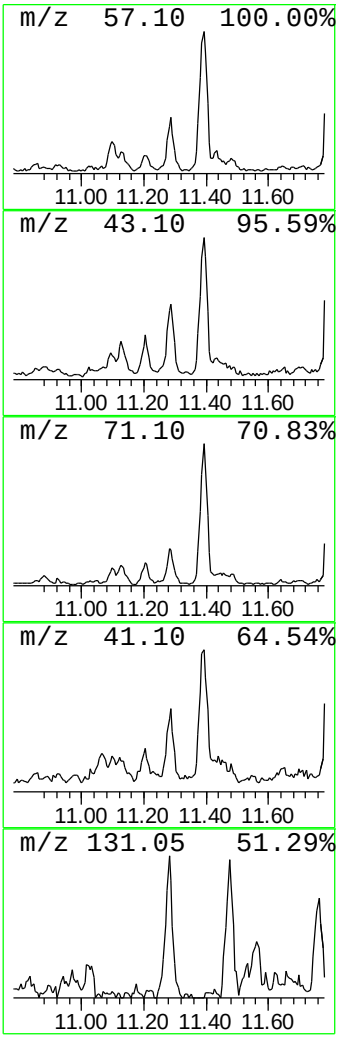
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	4.84 ng/ul	421073	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	50
2	Octane, 4-methyl-	128	C9H20	002216-34-4	49
3	Nonadecane	268	C19H40	000629-92-5	47
4	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	43
5	Octane, 2-methyl-	128	C9H20	003221-61-2	43





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Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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

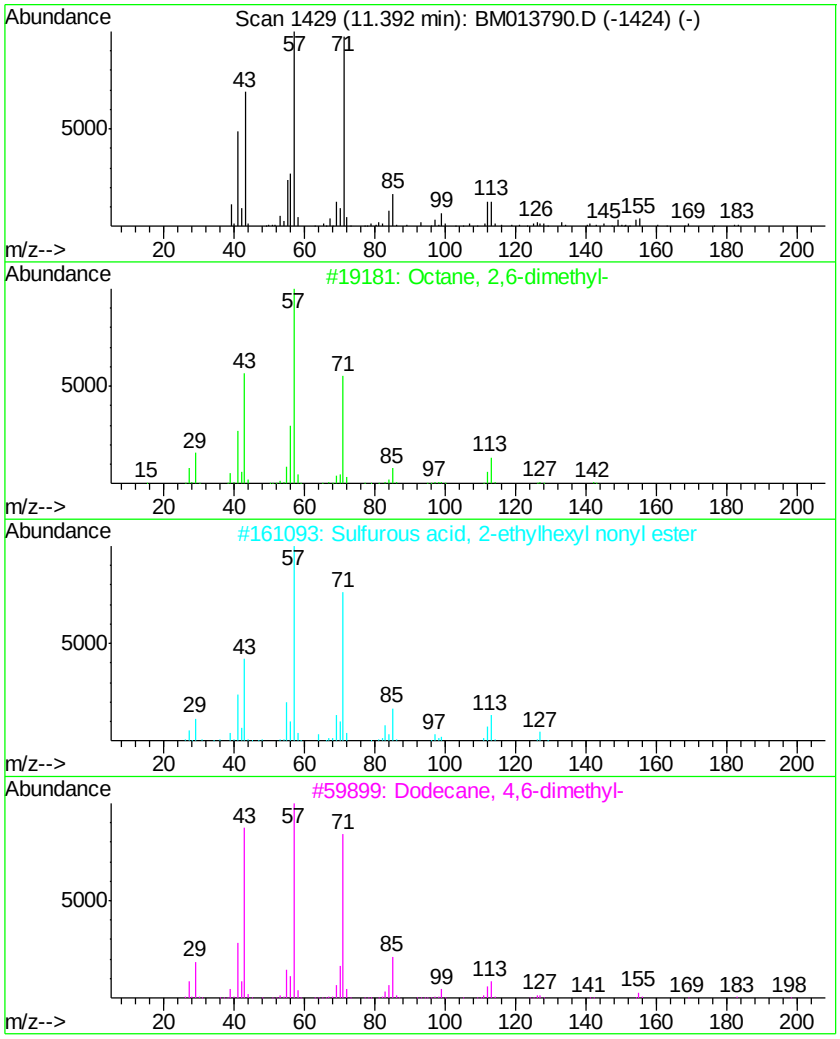
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

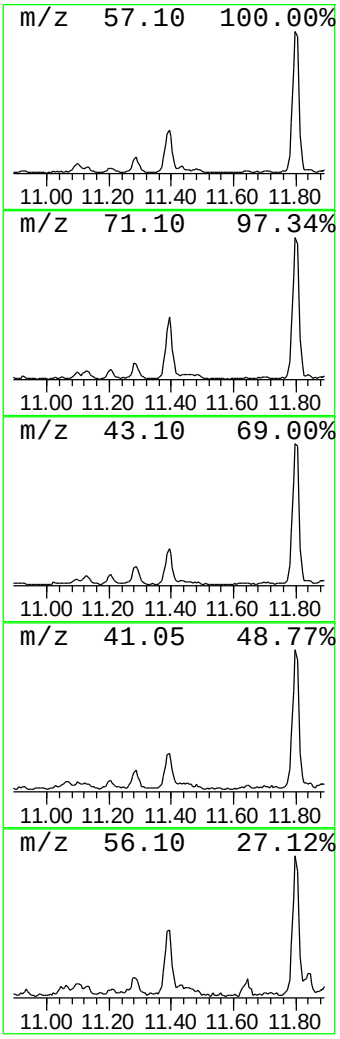
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	7.68 ng/ul	668092	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53





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Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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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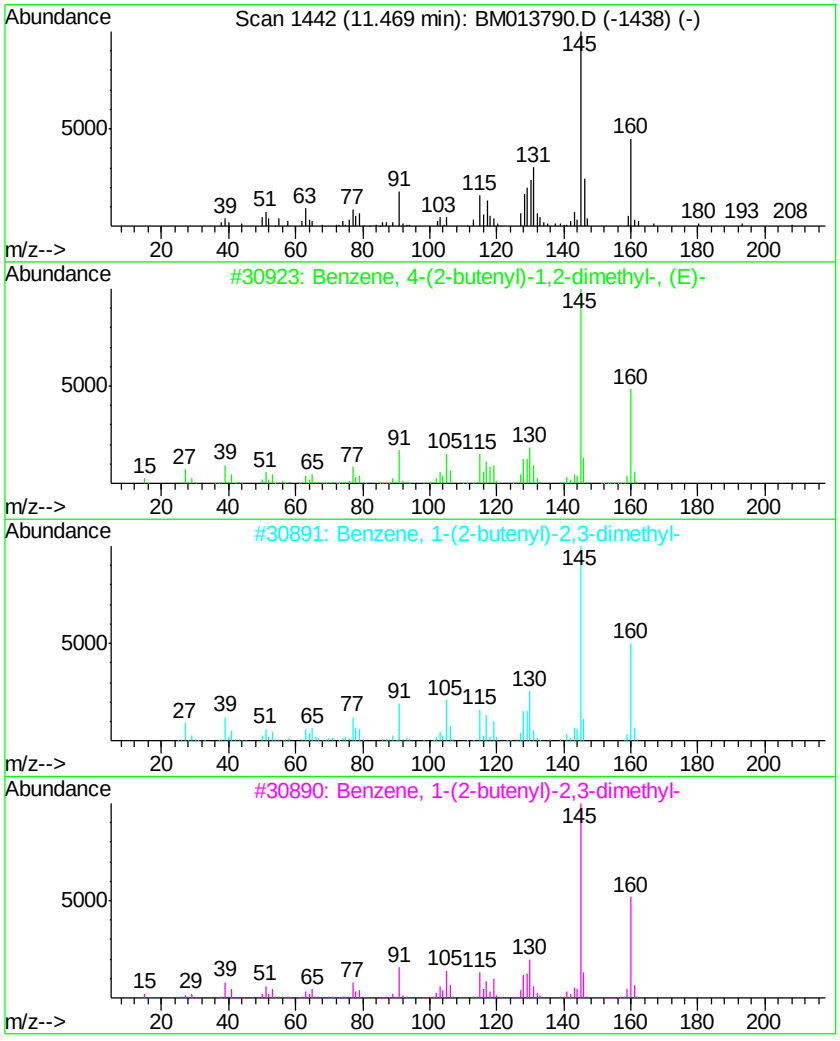
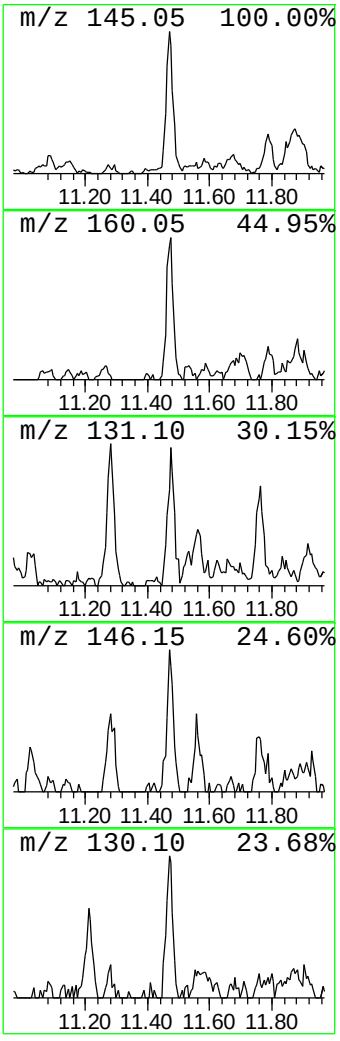
Peak Number 13 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	4.23 ng/ul	368094	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	87
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	83
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	83
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	58
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	58





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Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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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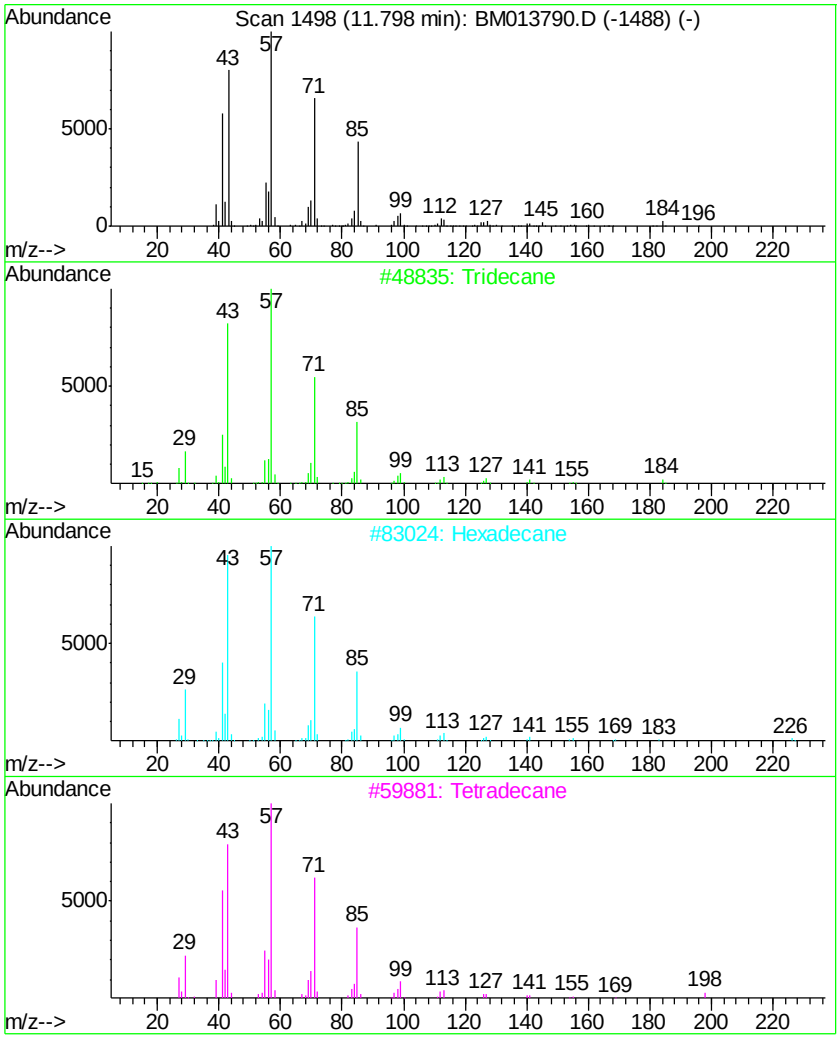
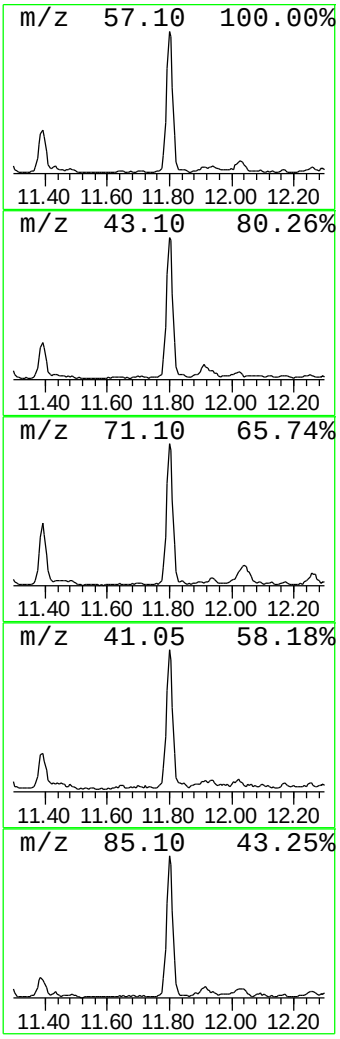
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	25.09 ng/ul	2182420	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	90





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Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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

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

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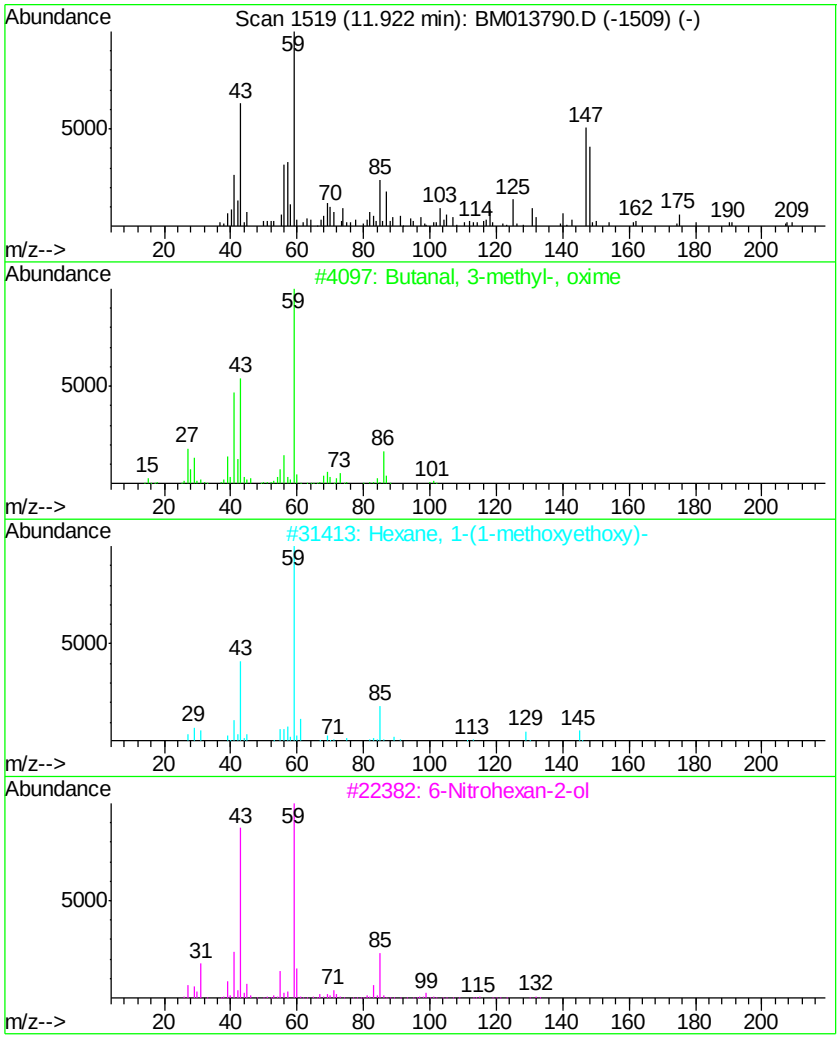
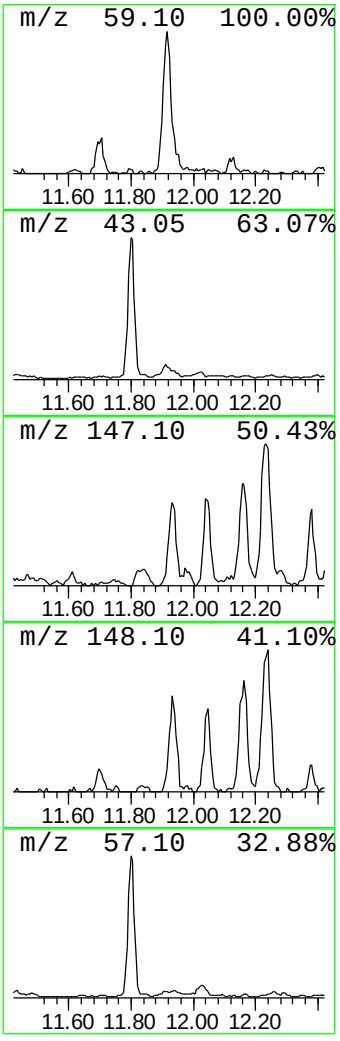
Peak Number 15 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.15 ng/ul	360714	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, 3-methyl-, oxime	101	C5H11NO	000626-90-4	27
2	Hexane, 1-(1-methoxyethoxy)-	160	C9H20O2	054340-90-8	27
3	6-Nitrohexan-2-ol	147	C6H13NO3	062224-53-7	27
4	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	27
5	N,N-Dimethylformamide-di-t-butyl...	203	C11H25NO2	036805-97-7	27





Library Search Compound Report

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Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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

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

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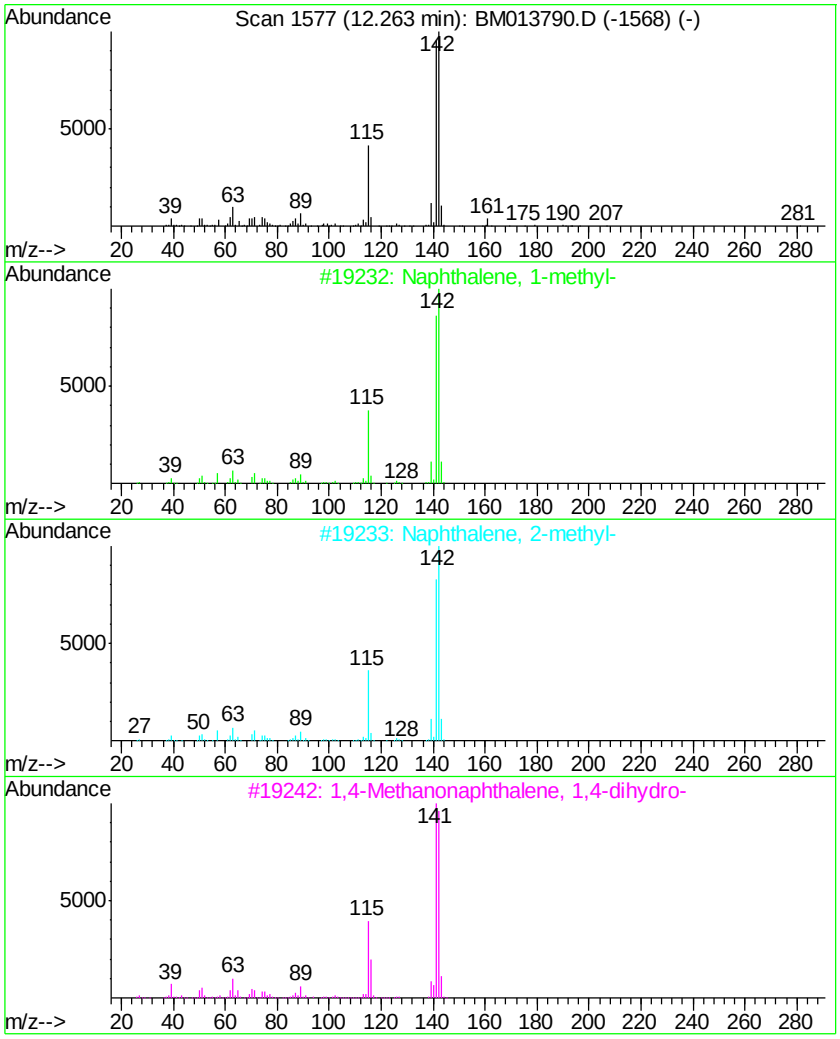
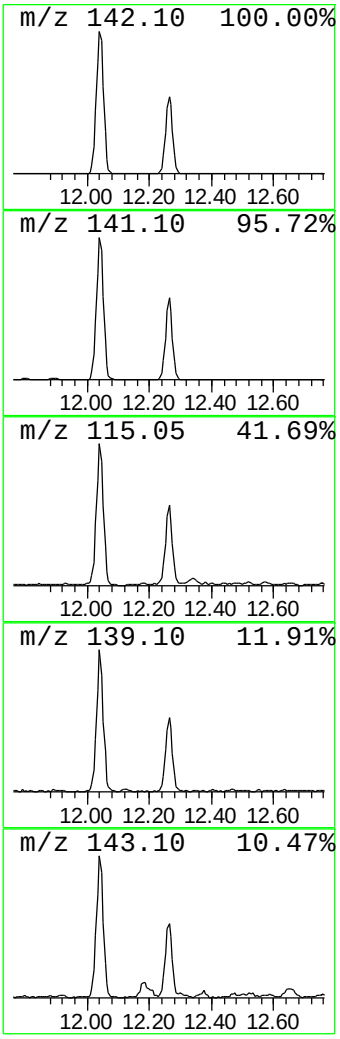
Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	19.18 ng/ul	1668920	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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

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

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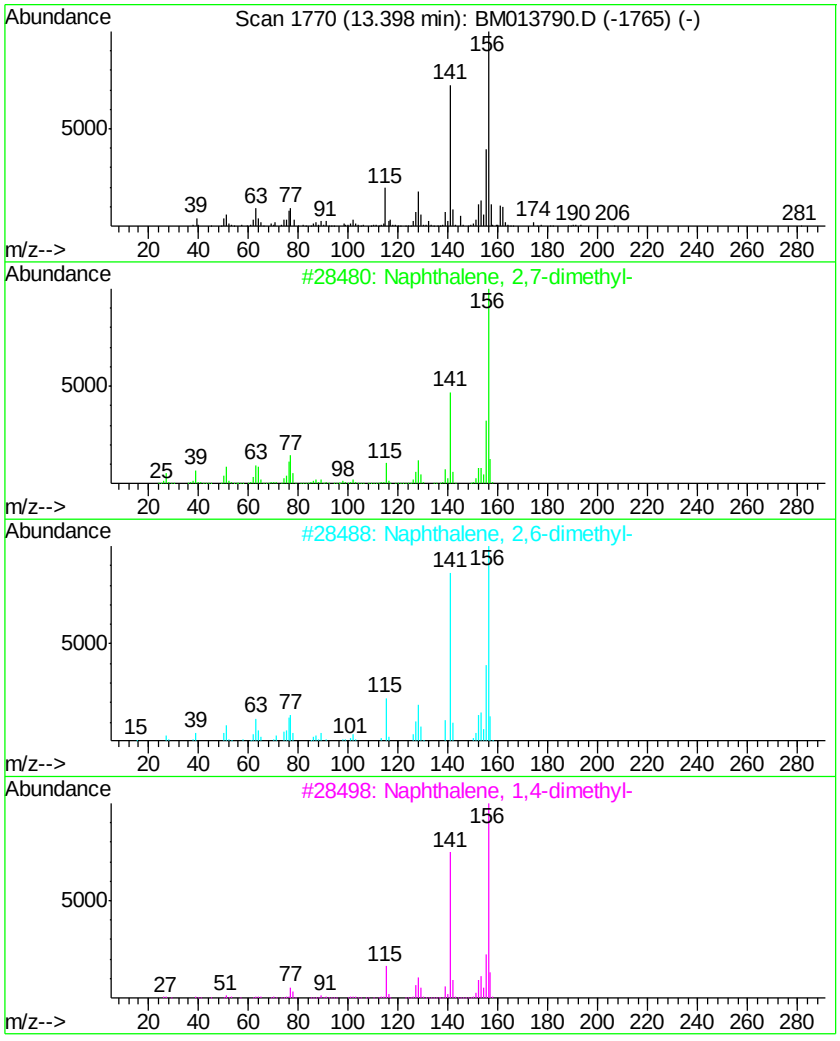
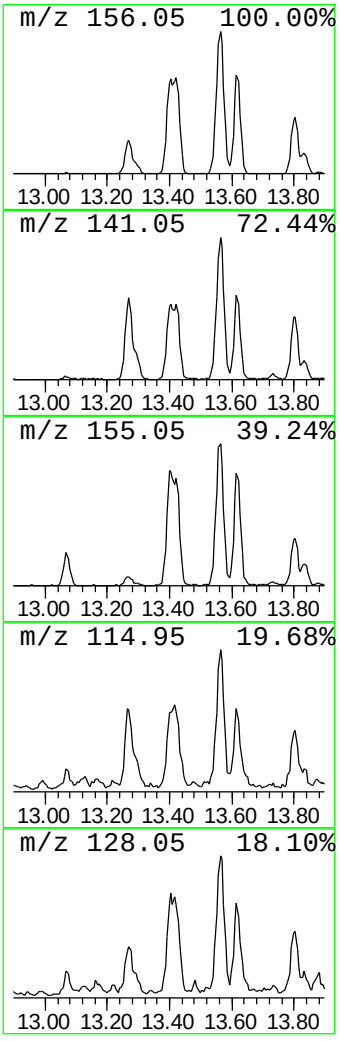
Peak Number 17 Naphthalene, 2,7-dimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	3.18 ng/ul	1756960	Acenaphthene-d10	14.24

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	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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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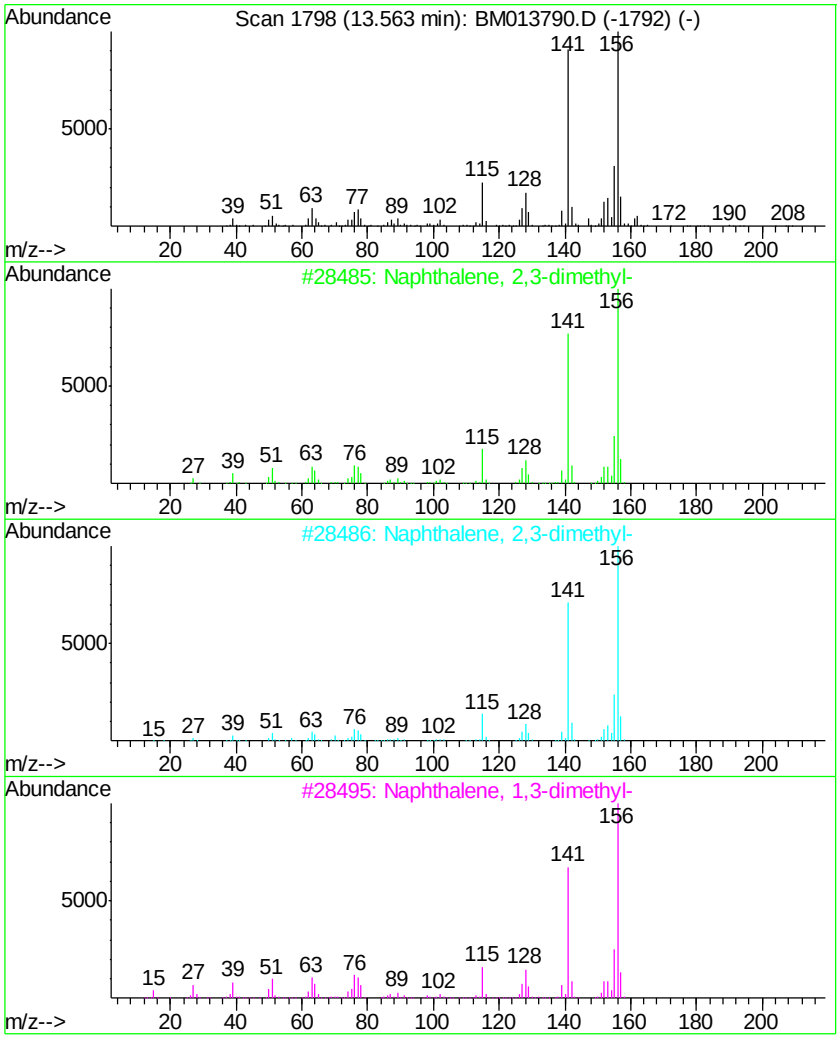
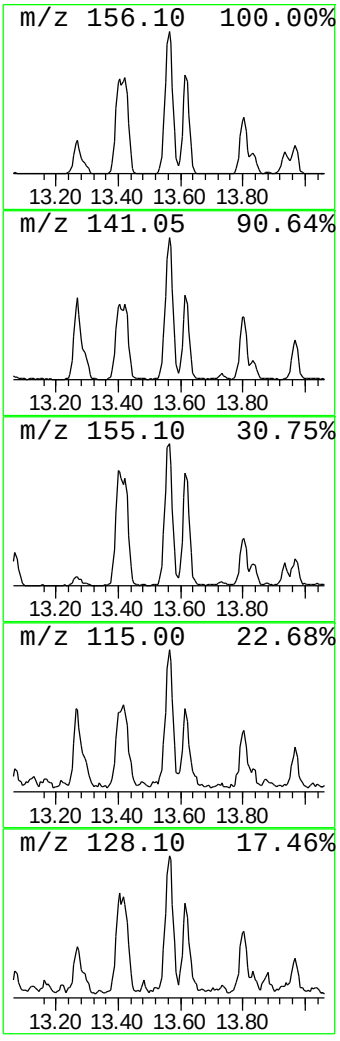
Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	4.64 ng/ul	2559500	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

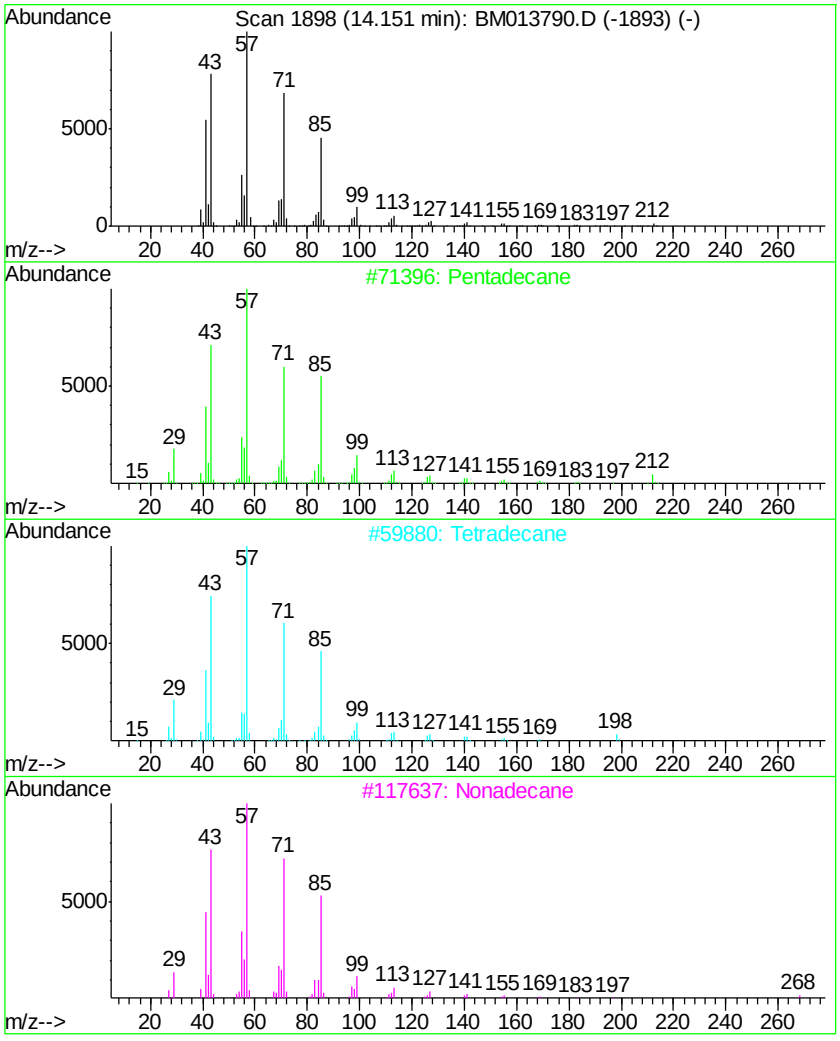
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

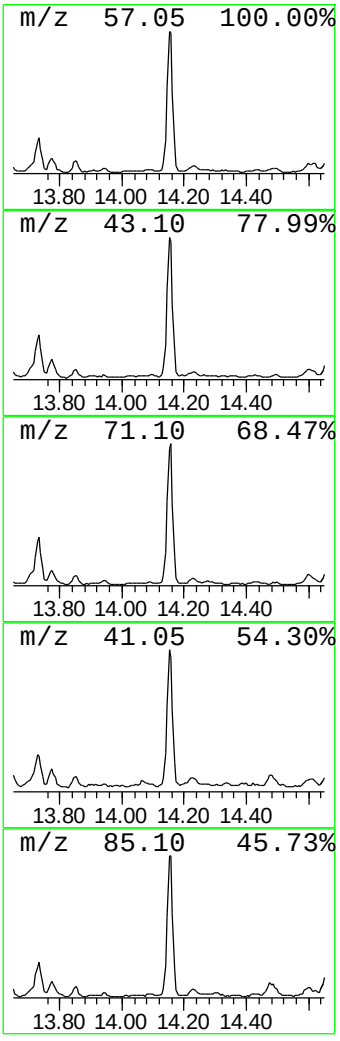
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	5.46 ng/ul	3015790	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Tetradecane	198	C14H30	000629-59-4	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane	240	C17H36	000629-78-7	90





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Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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

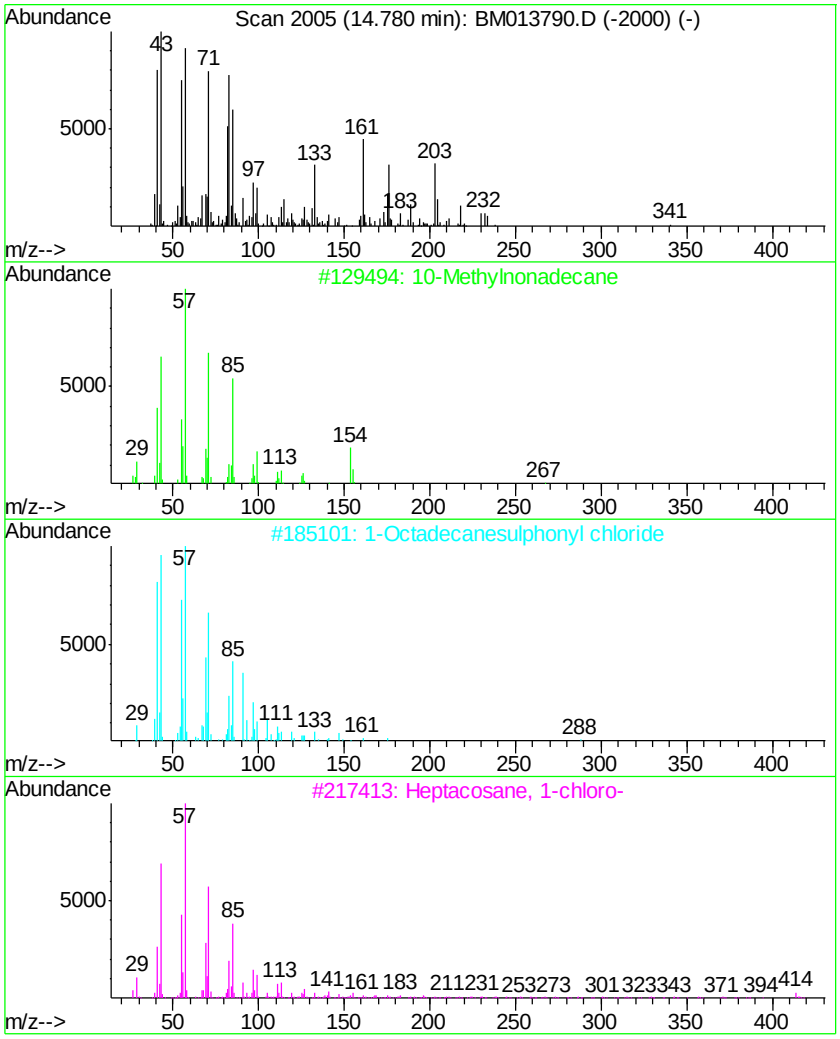
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

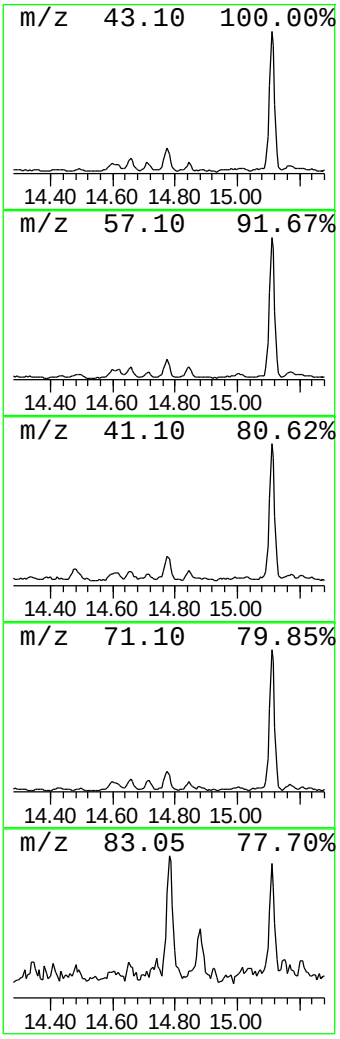
****

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	2.02 ng/ul	1116930	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	38
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	38
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	38
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	38
5	Tritetracontane	605	C43H88	007098-21-7	38





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
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Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

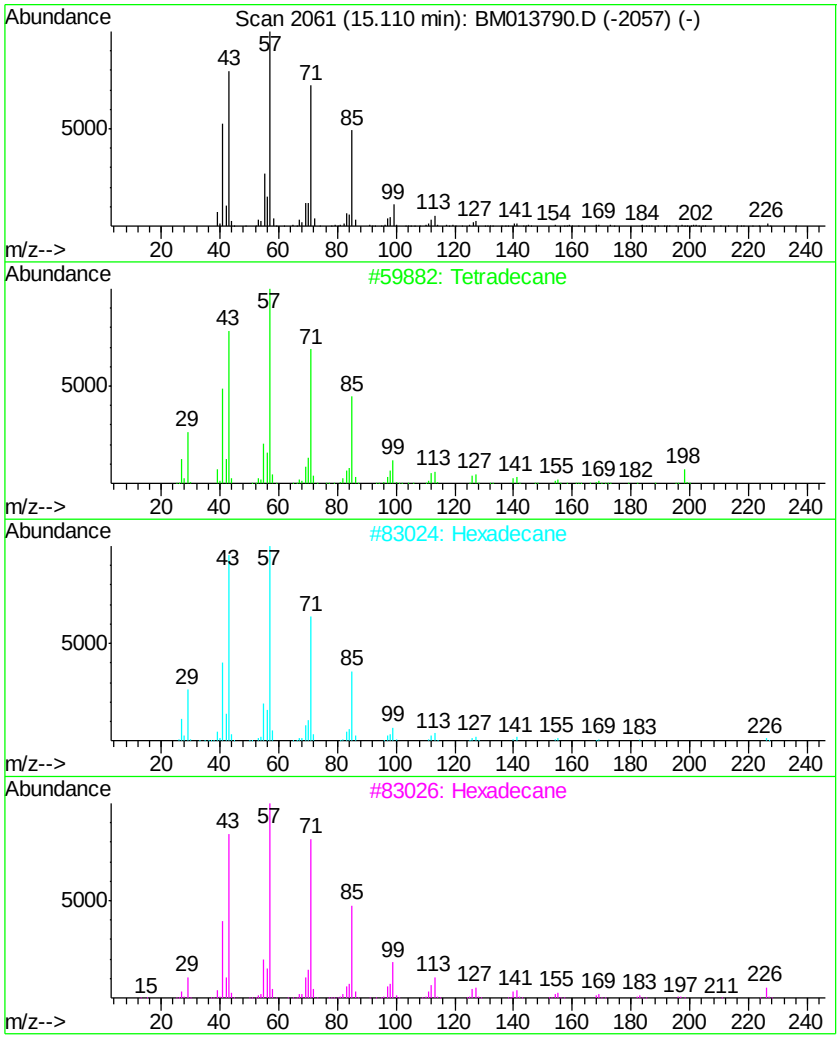
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

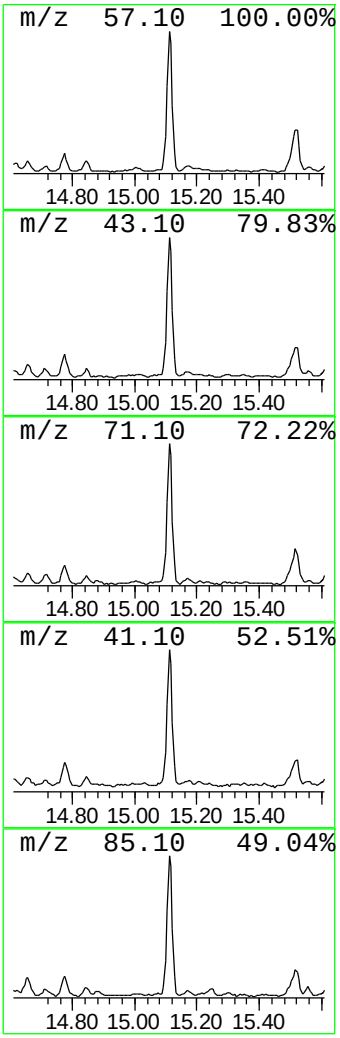
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	5.26 ng/ul	2903760	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	95
3	Hexadecane	226	C16H34	000544-76-3	95
4	Hexadecane	226	C16H34	000544-76-3	95
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	90





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

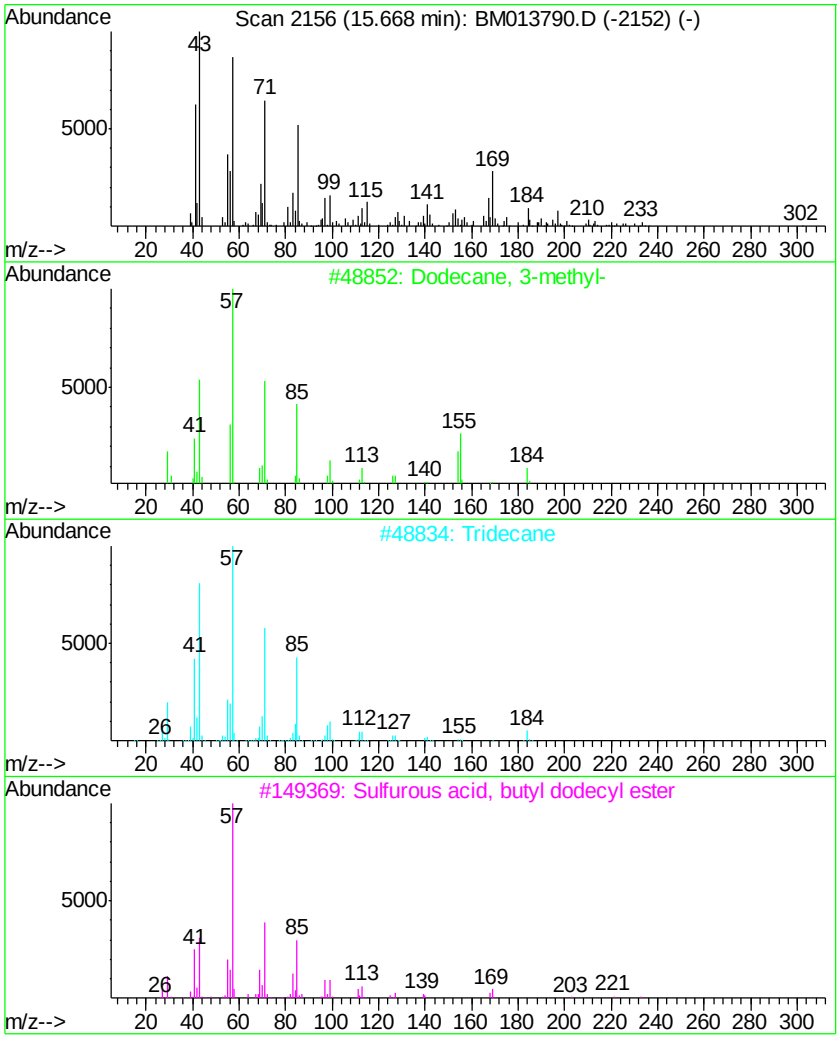
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

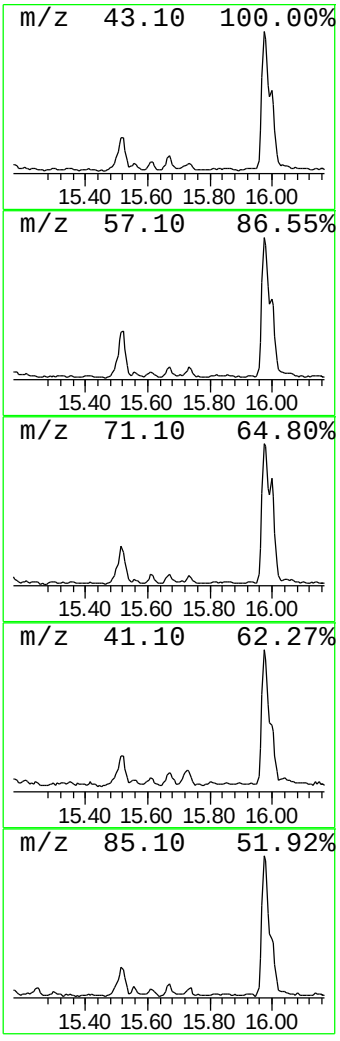
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	3.81 ng/ul	378720	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	83
2	Tridecane	184	C13H28	000629-50-5	64
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	58
4	Heptacosane	380	C27H56	000593-49-7	58
5	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	58





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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

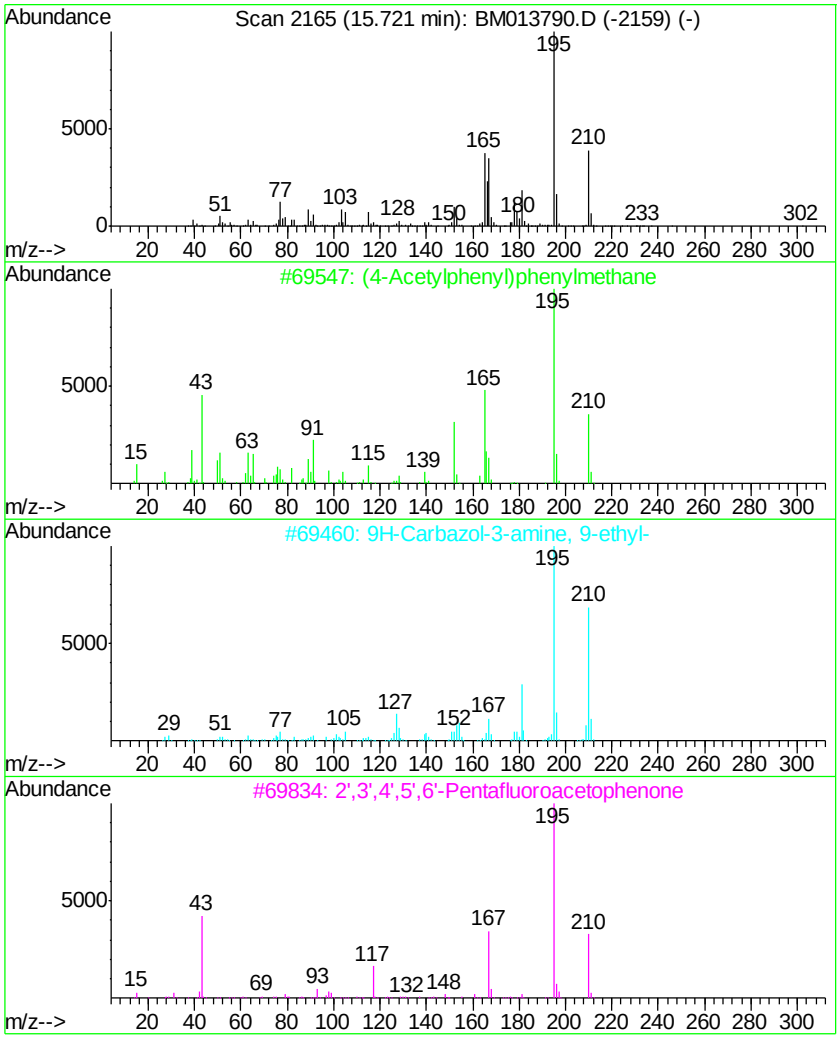
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

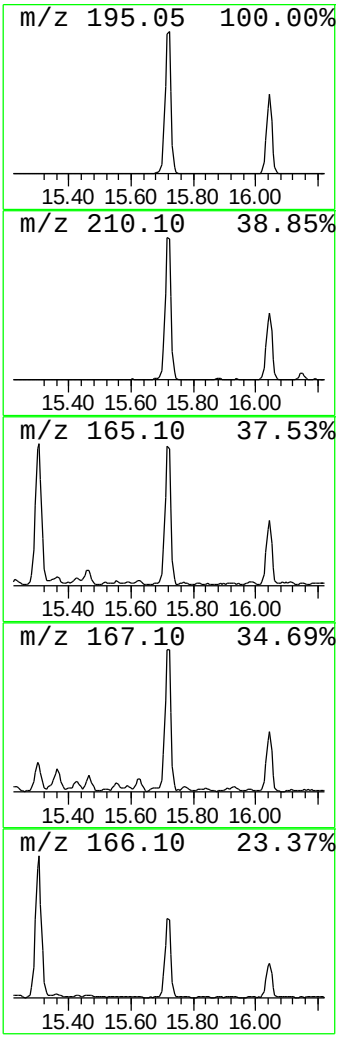
****

Peak Number 23 (4-Acetylphenyl)phenylmethane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	64.88 ng/ul	6443130	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	70
2	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	47
3	2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	46
4	3-Acridinol	195	C13H9NO	007132-70-9	43
5	2',3',4' Trimethoxyacetophenone	210	C11H14O4	013909-73-4	43





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Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

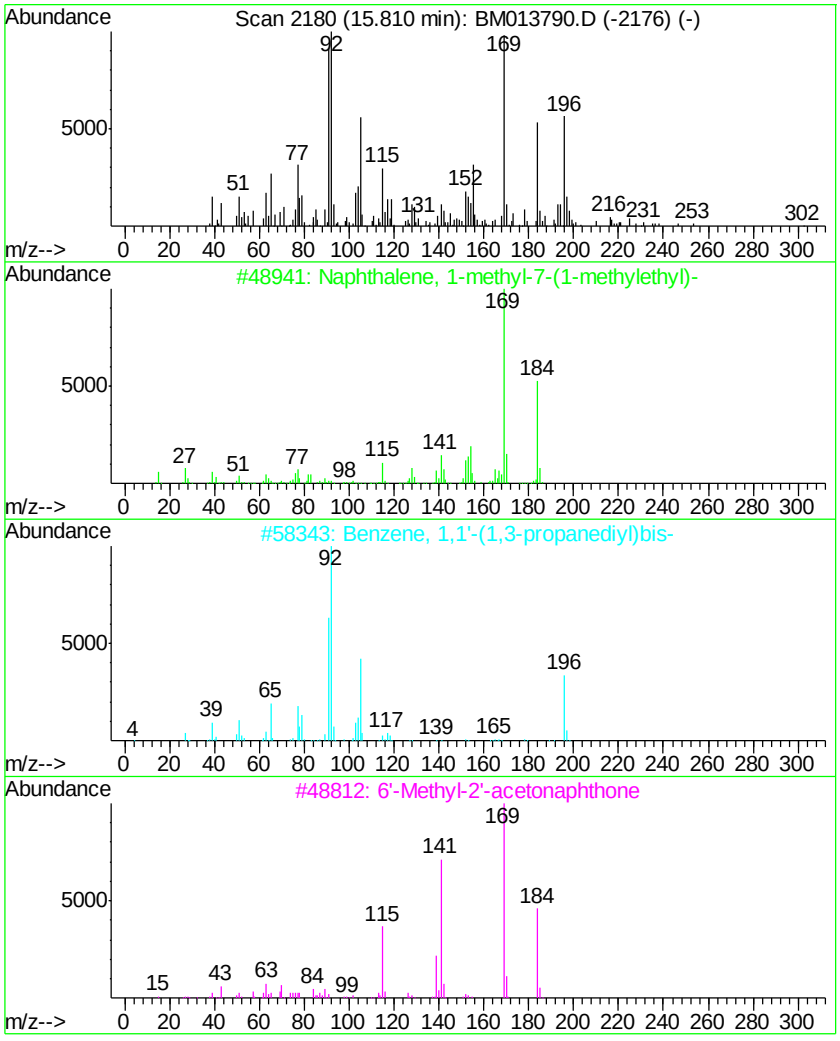
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

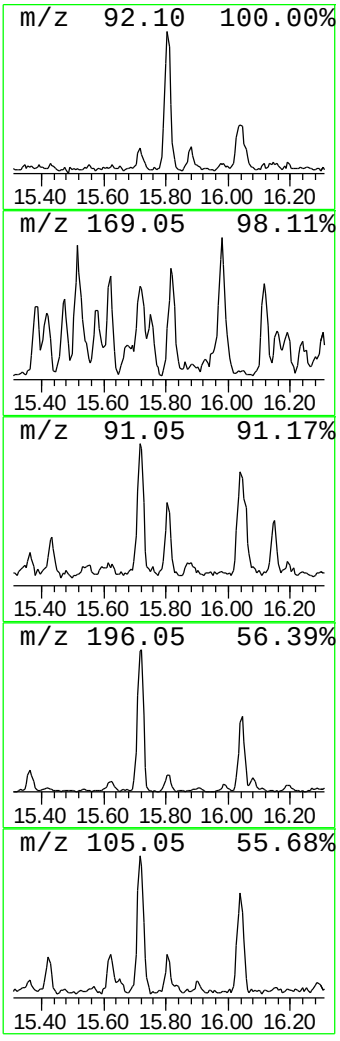
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphthalene, 1-methyl-7-(1-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	5.19 ng/ul	515444	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	55
2	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0	44
3	6'-Methyl-2'-acetonaphthone	184	C13H12O	024875-94-3	42
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	42
5	Chamazulene	184	C14H16	000529-05-5	41





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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

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

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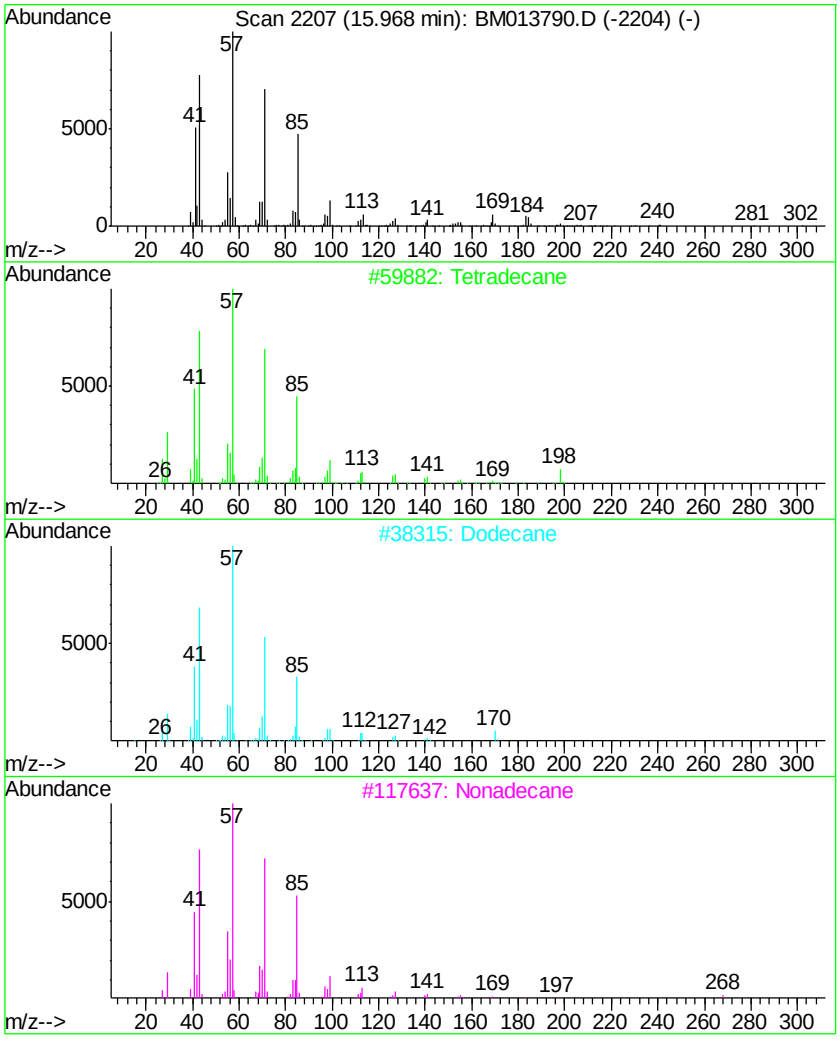
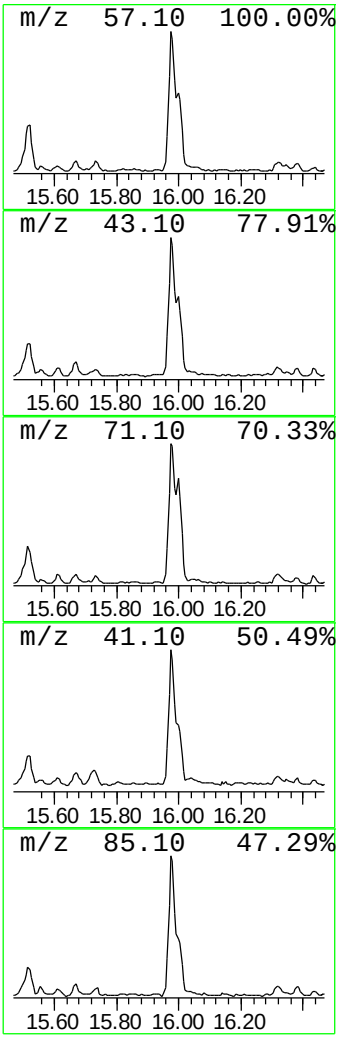
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	46.90 ng/ul	4657050	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Dodecane	170	C12H26	000112-40-3	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heptadecane	240	C17H36	000629-78-7	83
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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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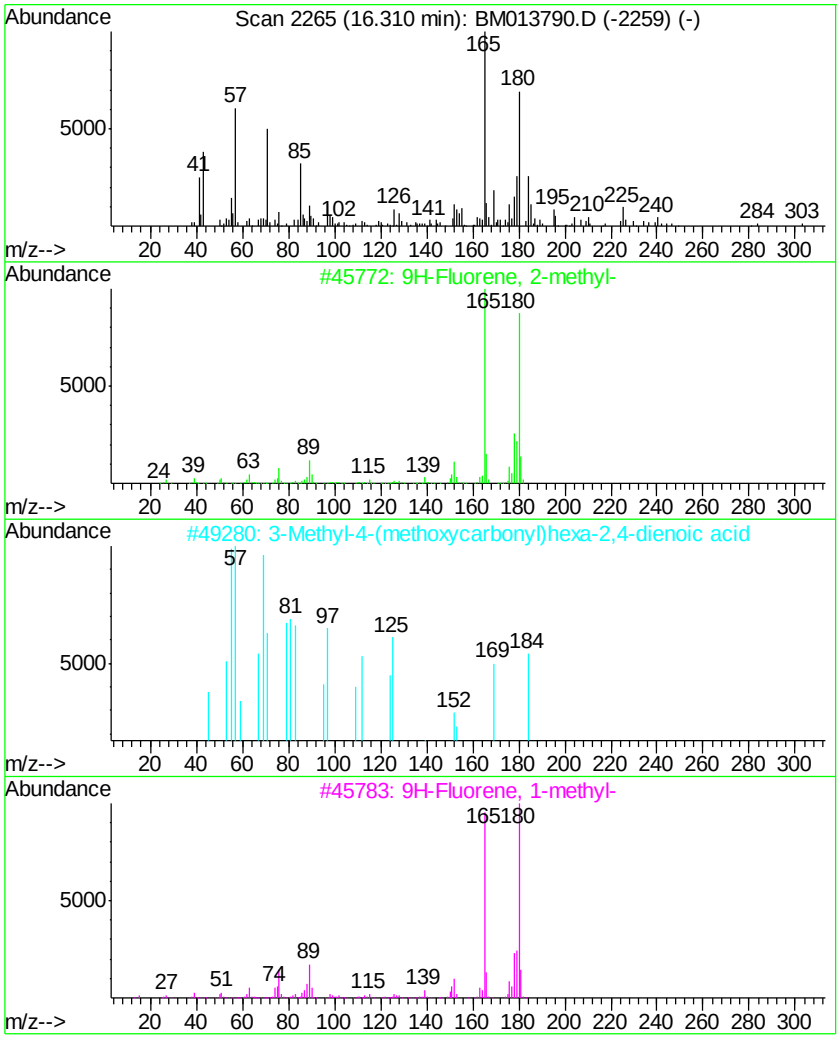
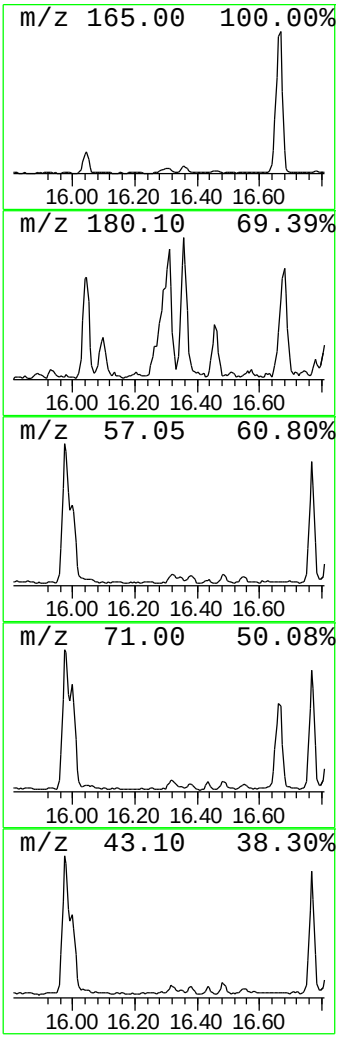
Peak Number 27 9H-Fluorene, 2-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	4.64 ng/ul	460359	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
2	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	53
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	45
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	45
5	1,3-Phenylenediamine, N-trimethy...	180	C9H16N2Si	1000374-68-0	43





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
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Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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

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

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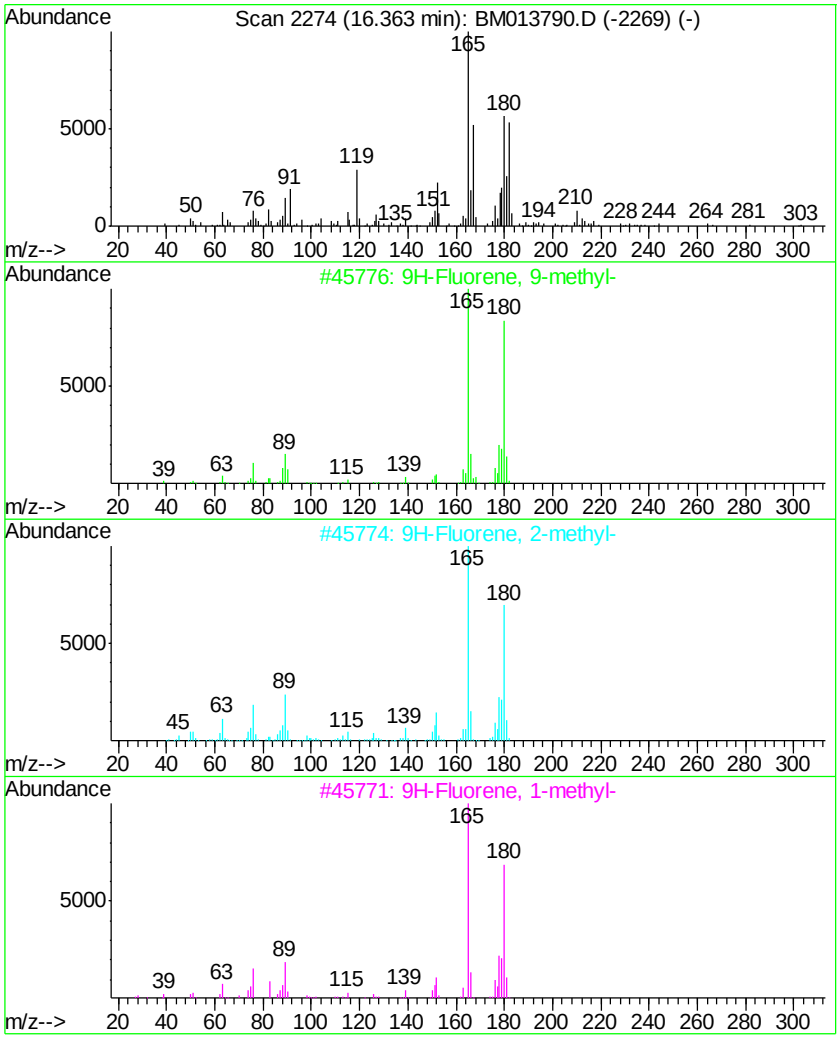
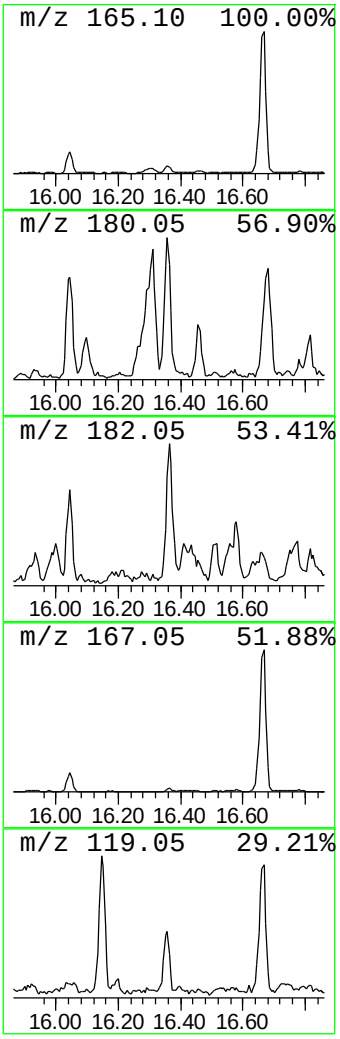
Peak Number 28 9H-Fluorene, 9-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	7.08 ng/ul	703065	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	50
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50





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Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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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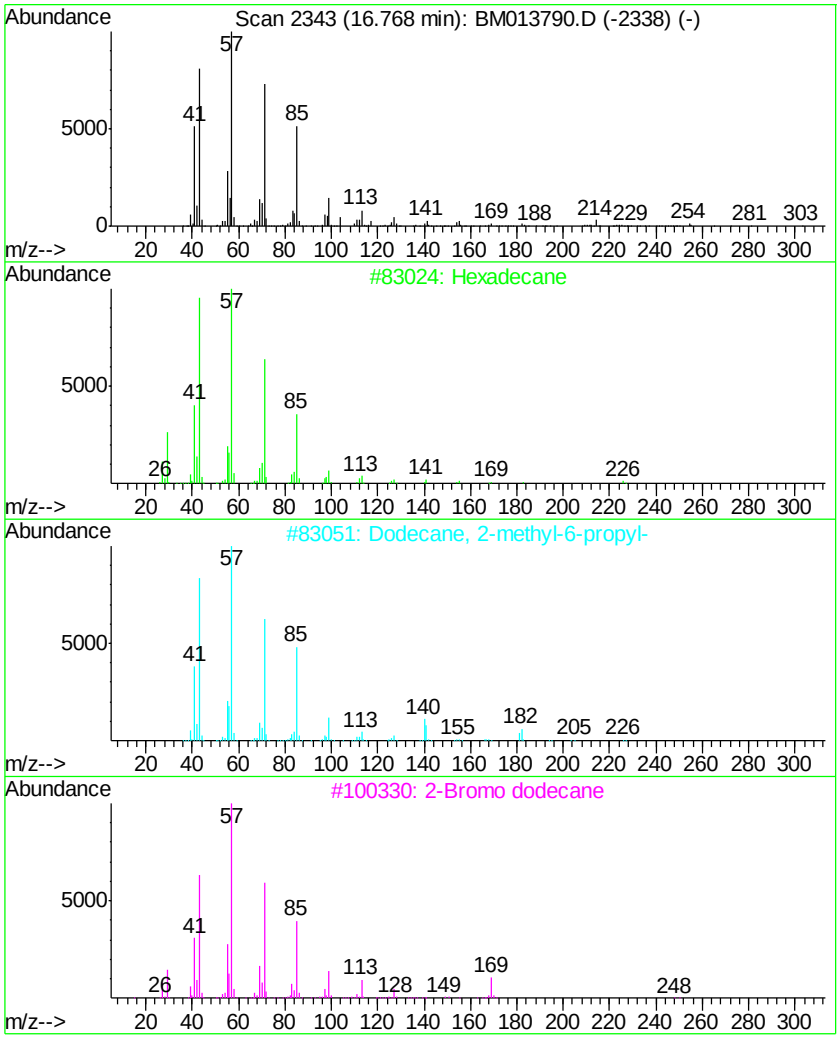
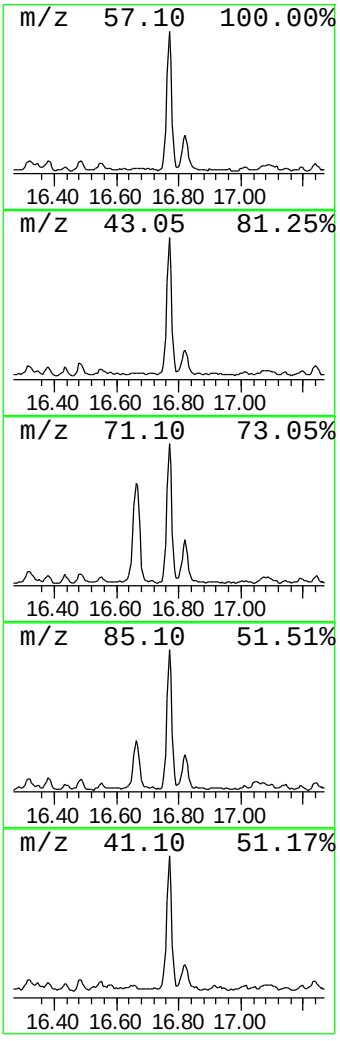
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	24.45 ng/ul	2427610	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
4	Heptadecane	240	C17H36	000629-78-7	87
5	Tetradecane	198	C14H30	000629-59-4	87





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Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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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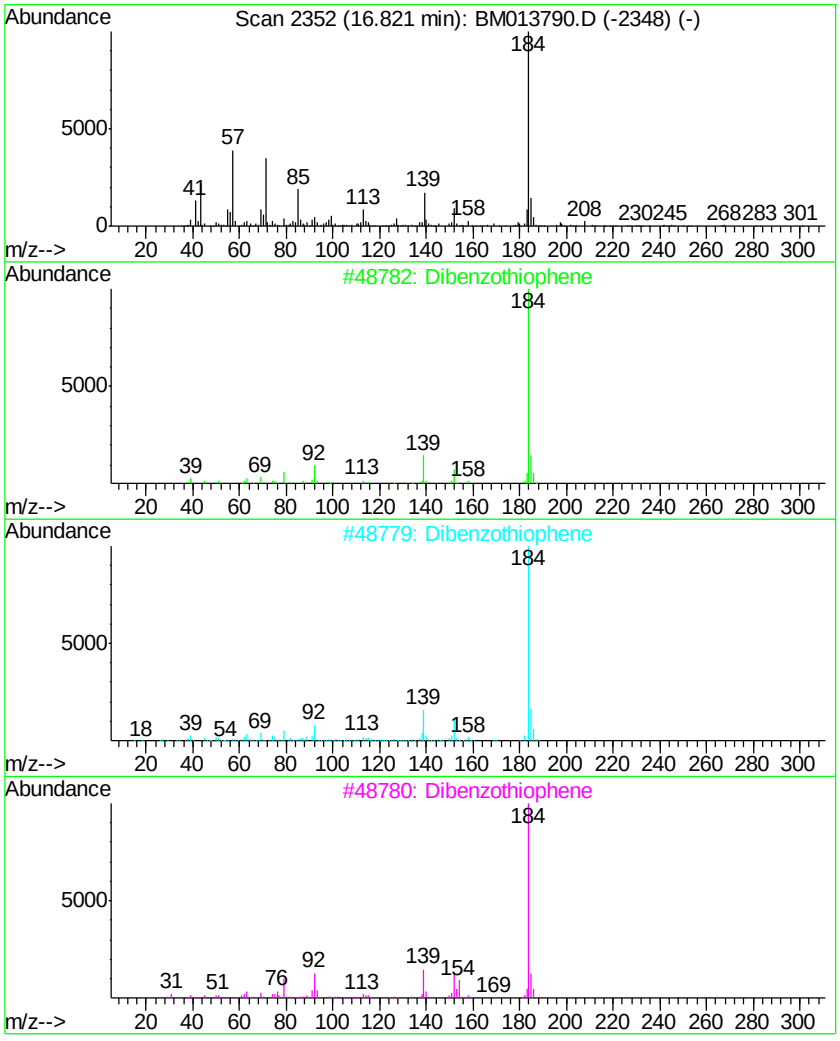
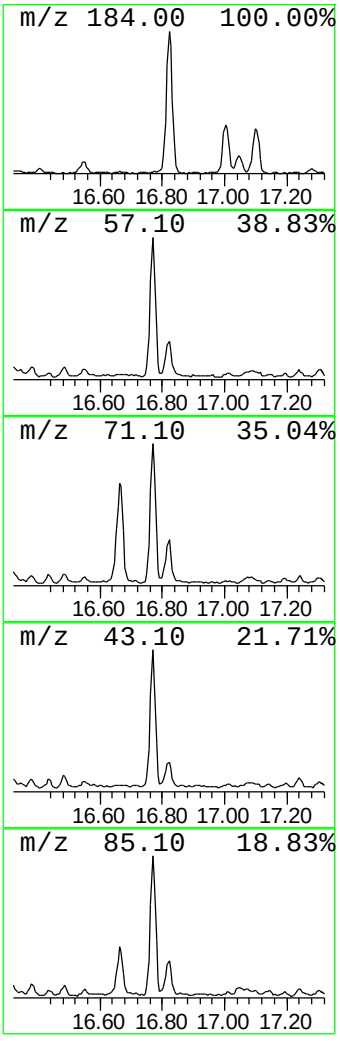
Peak Number 30 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	16.69 ng/ul	1656950	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	89
2	Dibenzothiophene	184	C12H8S	000132-65-0	86
3	Dibenzothiophene	184	C12H8S	000132-65-0	76
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	76
5	Dibenzothiophene	184	C12H8S	000132-65-0	76





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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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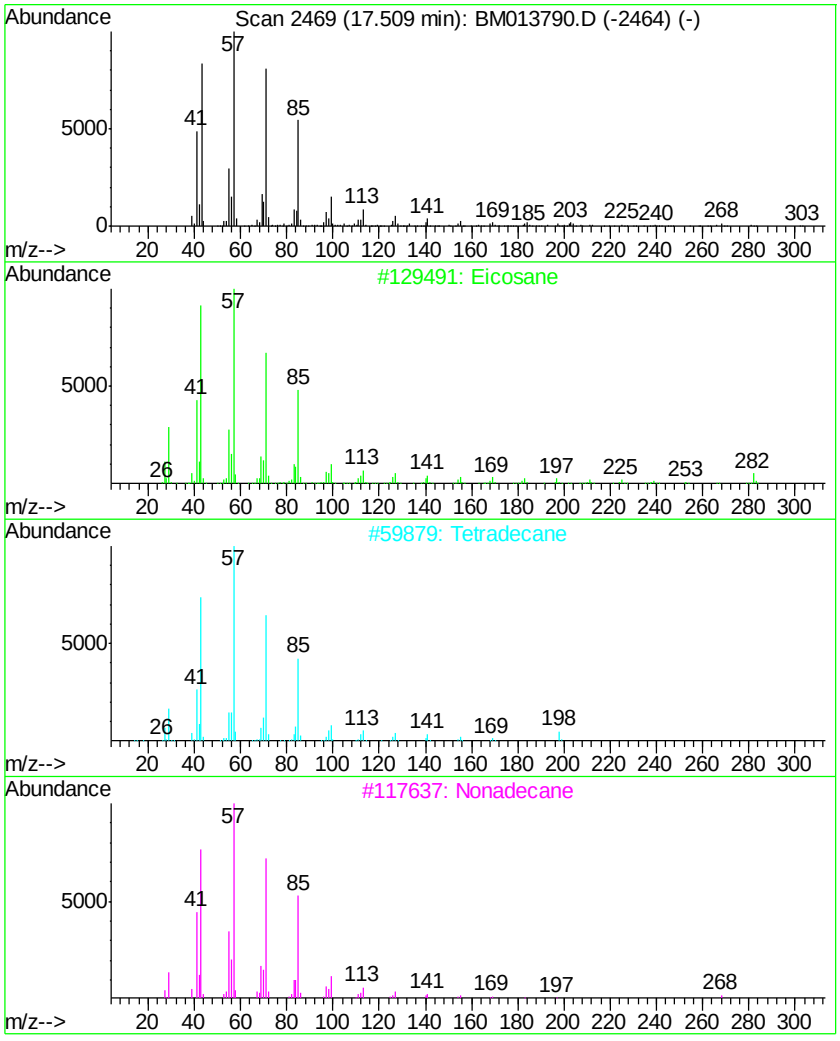
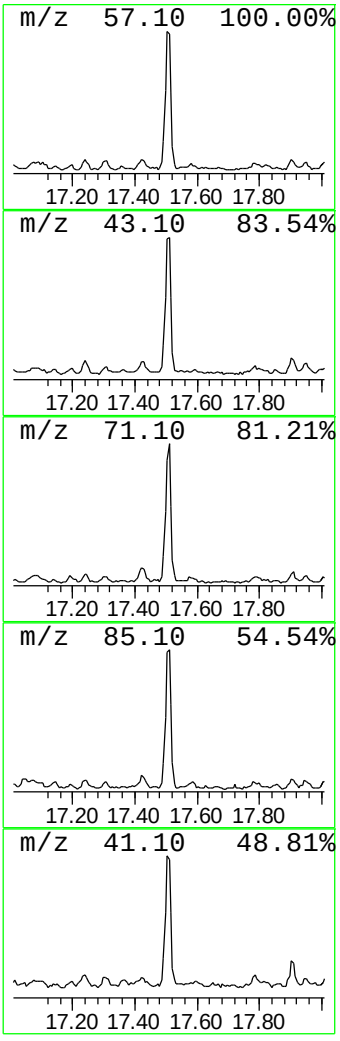
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	20.69 ng/ul	2055130	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

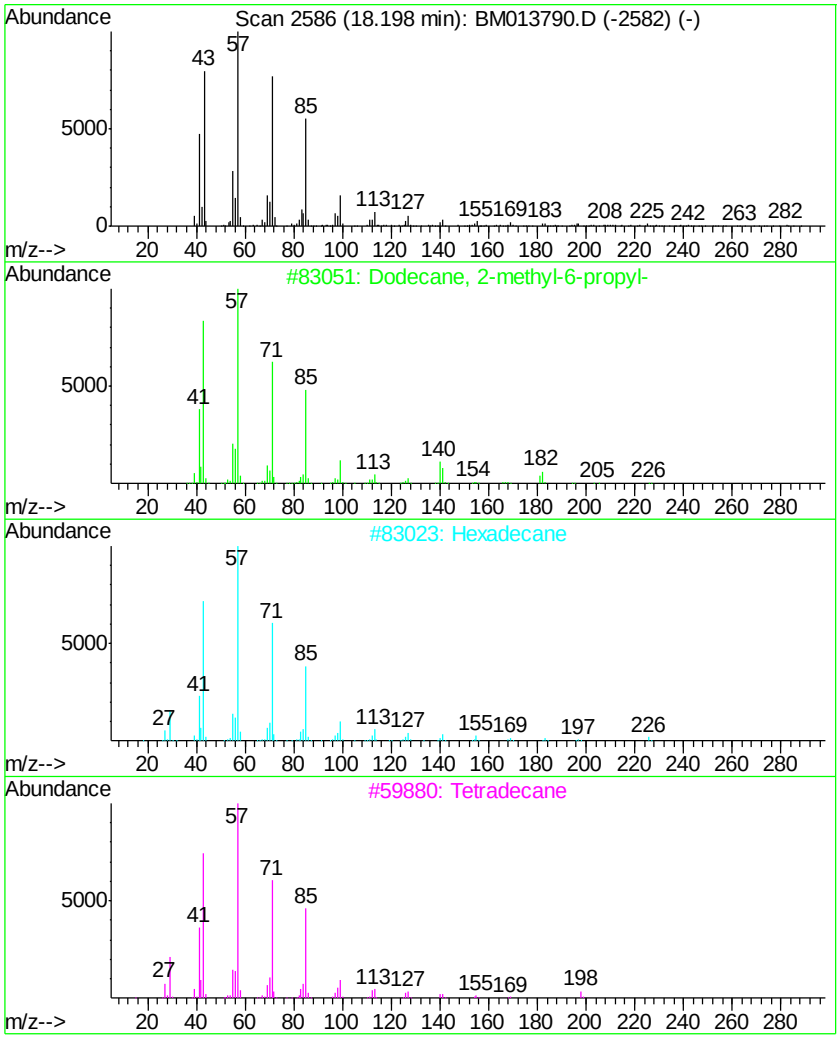
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

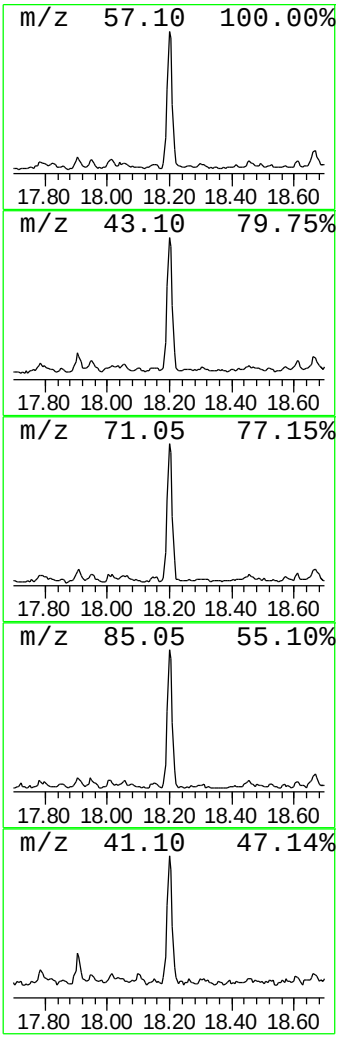
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	16.69 ng/ul	1657220	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Pentadecane	212	C15H32	000629-62-9	87





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

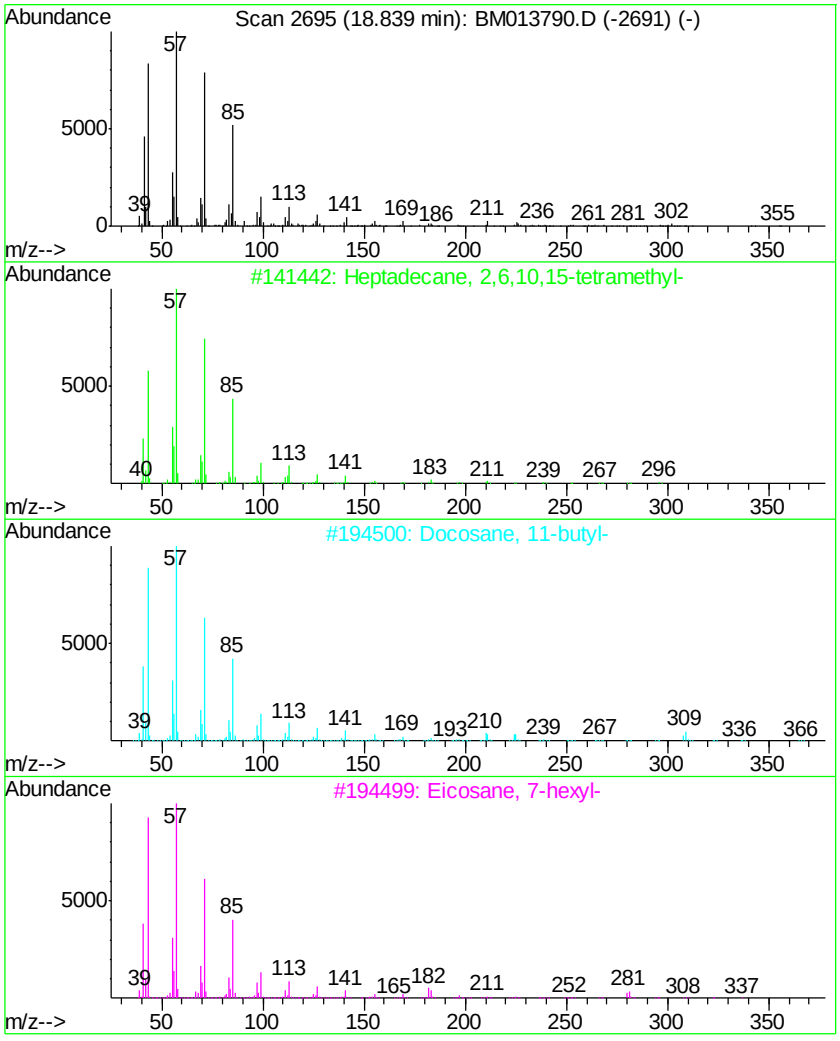
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

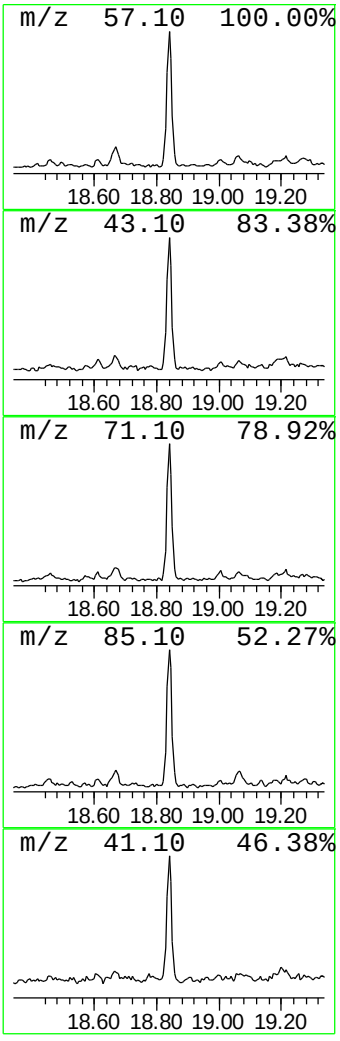
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	14.69 ng/ul	1458370	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

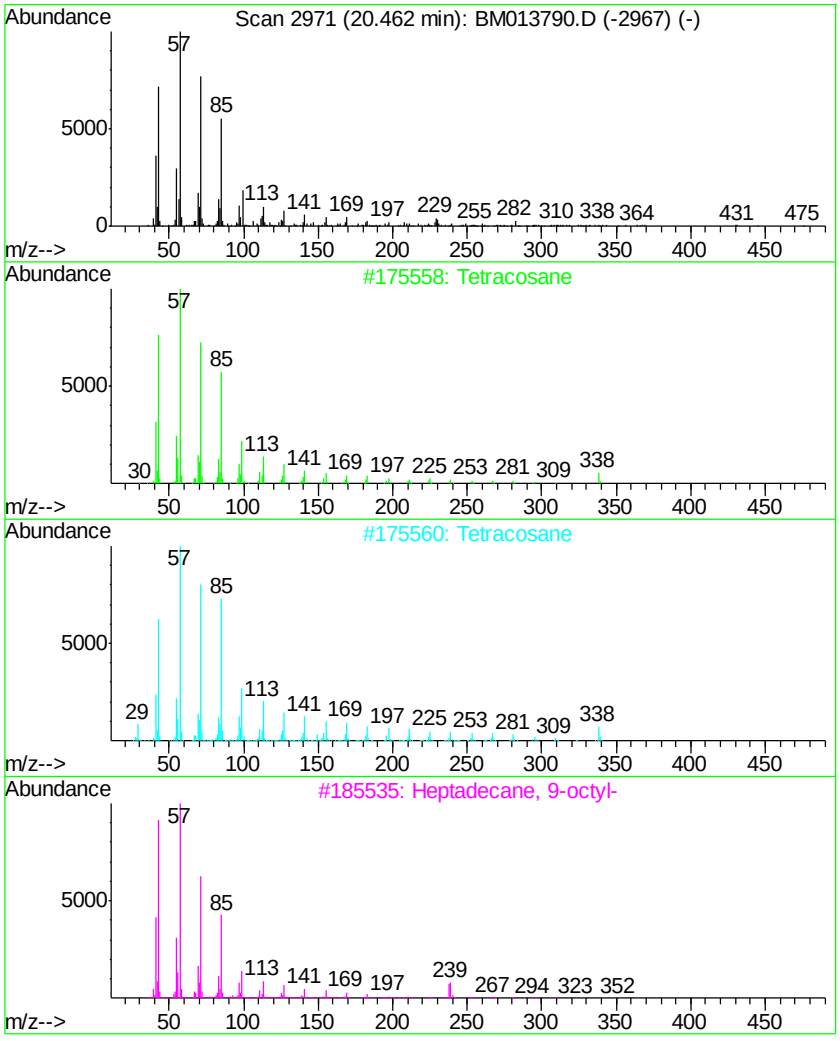
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

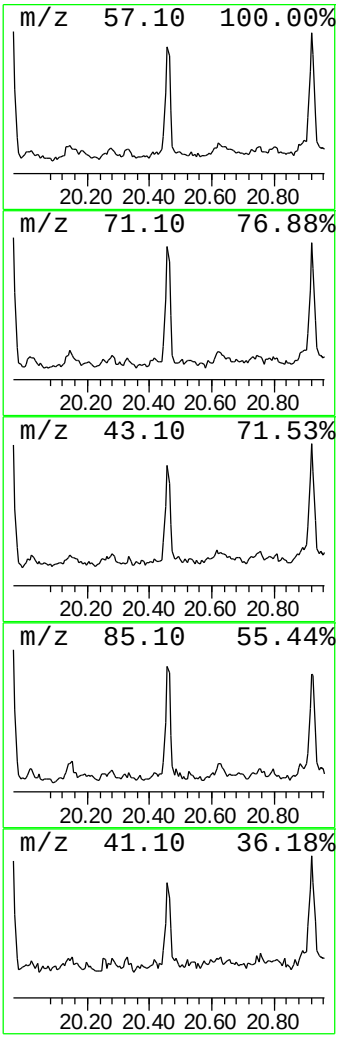
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	6.15 ng/ul	788583	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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

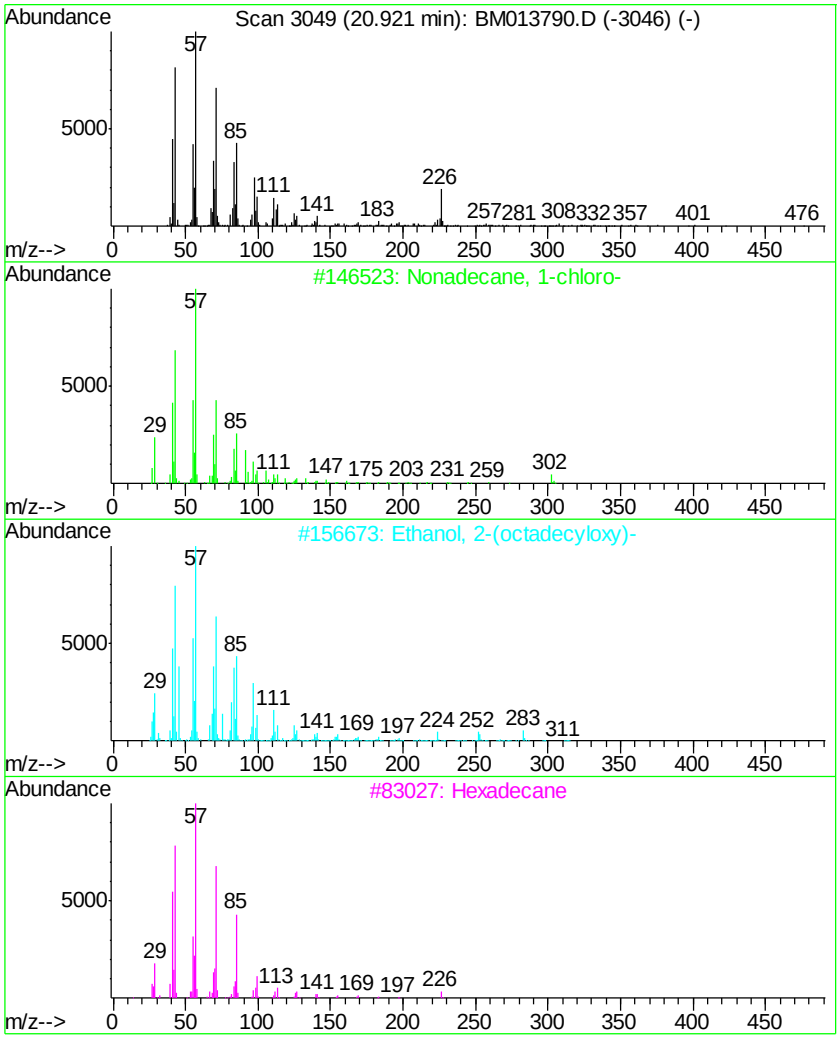
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

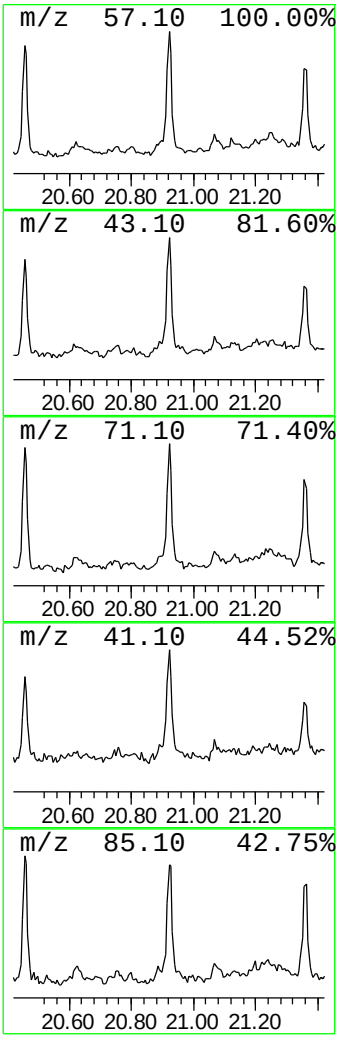
****

Peak Number 45 Nonadecane, 1-chloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	8.71 ng/ul	1115550	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	95
2	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	91
3	Hexadecane	226	C16H34	000544-76-3	86
4	1-Heptadecene	238	C17H34	006765-39-5	80
5	Triacontane	422	C30H62	000638-68-6	64





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

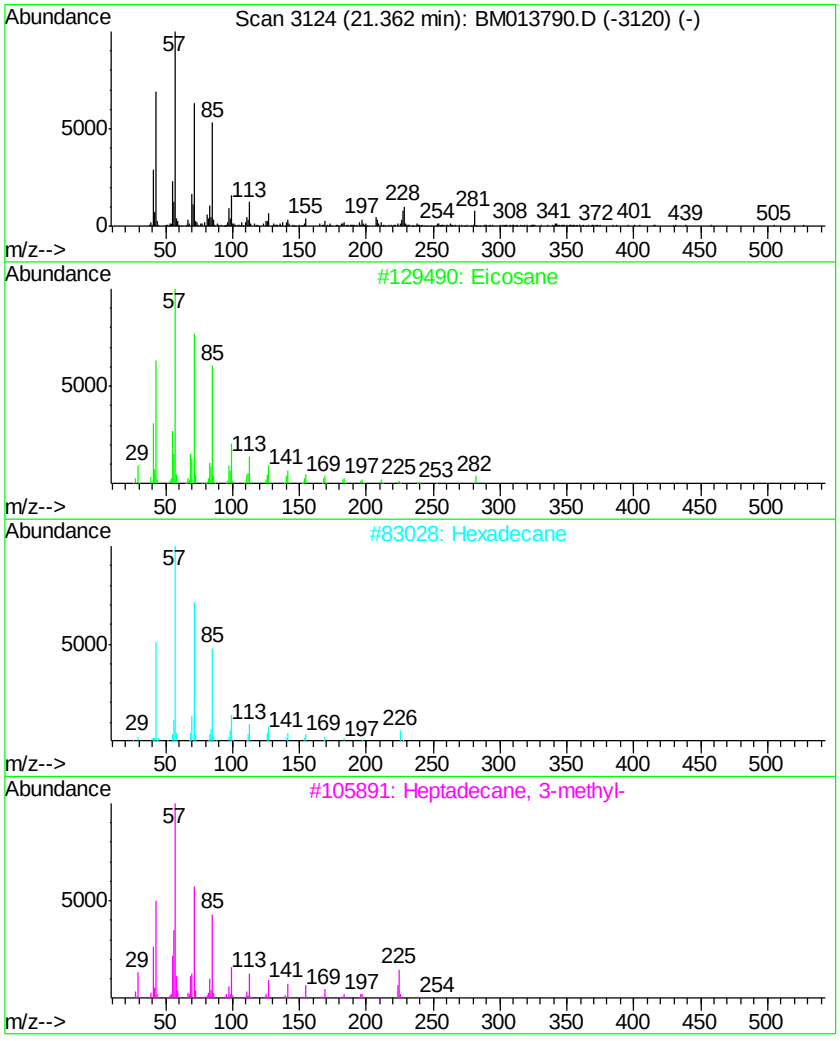
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

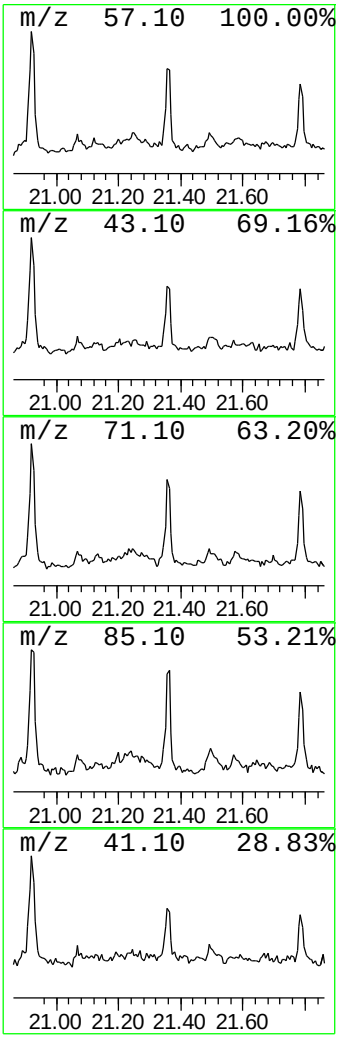
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	4.95 ng/ul	634698	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Hexadecane	226	C16H34	000544-76-3	76
3	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	76
4	Hexacosane	366	C26H54	000630-01-3	76
5	Octacosane	394	C28H58	000630-02-4	70





Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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

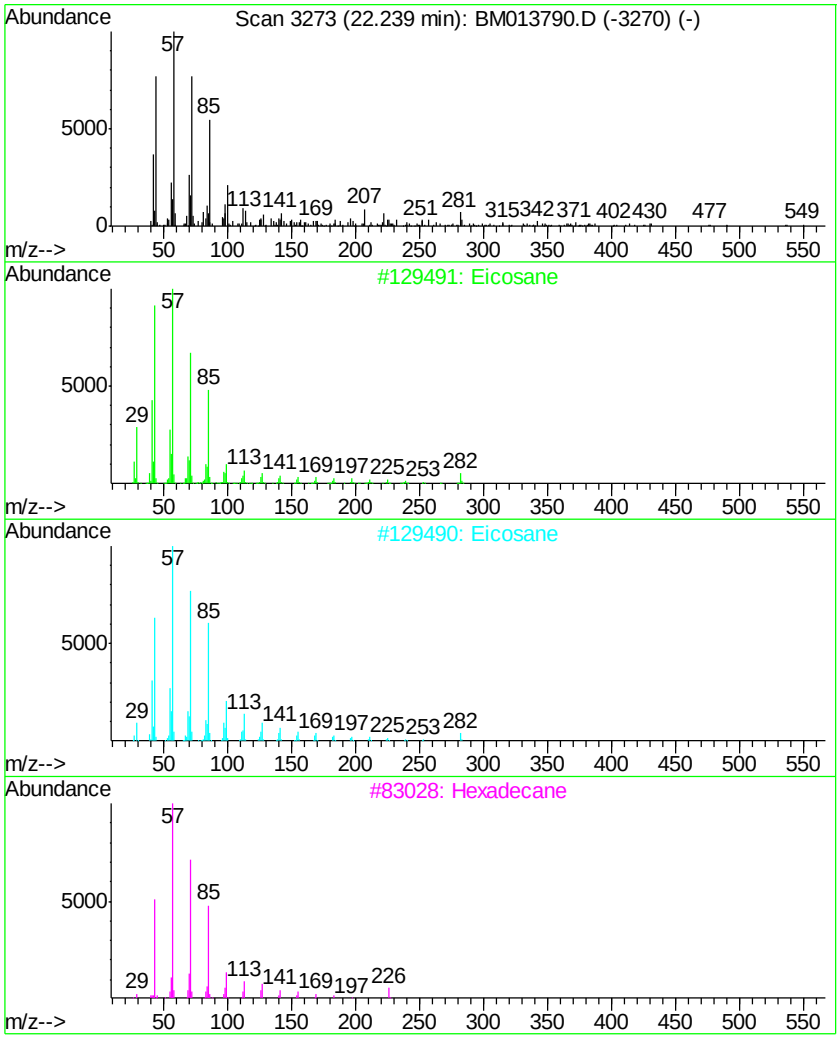
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

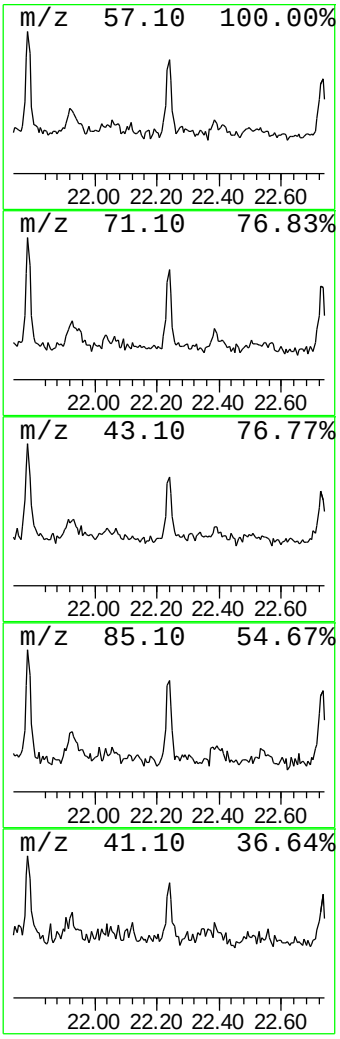
****

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	3.02 ng/ul	387192	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	81
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A85

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
2-Pentanone, 4-hy...	4.76	63.6	ng/ul	3525950	1	7.59	1109320	20.0
Hexylene glycol	6.00	226.7	ng/ul	12575400	1	7.59	1109320	20.0
(DEL) Alkane: Str...	7.22	7.3	ng/ul	406296	1	7.59	1109320	20.0
Benzene, 1,3-diet...	8.07	10.1	ng/ul	558888	1	7.59	1109320	20.0
(DEL) Alkane: Str...	8.80	14.7	ng/ul	815532	1	7.59	1109320	20.0
1,3-Pentanediol, ...	9.89	3.8	ng/ul	331393	2	10.37	1740000	20.0
Benzene, 1,3,5-tr...	10.67	5.8	ng/ul	509106	2	10.37	1740000	20.0
2,4-Dipropyl-5-et...	10.75	3.6	ng/ul	317685	2	10.37	1740000	20.0
Isoquinoline	11.20	4.9	ng/ul	427669	2	10.37	1740000	20.0
(DEL) Alkane: Str...	11.28	4.8	ng/ul	421073	2	10.37	1740000	20.0
(DEL) Alkane: Str...	11.39	7.7	ng/ul	668092	2	10.37	1740000	20.0
Benzene, 4-(2-but...	11.47	4.2	ng/ul	368094	2	10.37	1740000	20.0
(DEL) Alkane: Str...	11.80	25.1	ng/ul	2182420	2	10.37	1740000	20.0
unknown-01	11.92	4.2	ng/ul	360714	2	10.37	1740000	20.0
Naphthalene, 1-me...	12.26	19.2	ng/ul	1668920	2	10.37	1740000	20.0
Naphthalene, 2,7-...	13.40	3.2	ng/ul	1756960	3	14.24	11040400	20.0
Naphthalene, 2,3-...	13.56	4.6	ng/ul	2559500	3	14.24	11040400	20.0
(DEL) Alkane: Str...	14.15	5.5	ng/ul	3015790	3	14.24	11040400	20.0
(DEL) Alkane: Str...	14.78	2.0	ng/ul	1116930	3	14.24	11040400	20.0
(DEL) Alkane: Str...	15.11	5.3	ng/ul	2903760	3	14.24	11040400	20.0
(DEL) Alkane: Str...	15.67	3.8	ng/ul	378720	4	17.00	1986130	20.0
(4-Acetylphenyl)p...	15.72	64.9	ng/ul	6443130	4	17.00	1986130	20.0
Naphthalene, 1-me...	15.81	5.2	ng/ul	515444	4	17.00	1986130	20.0
(DEL) Alkane: Str...	15.97	46.9	ng/ul	4657050	4	17.00	1986130	20.0
9H-Fluorene, 2-me...	16.31	4.6	ng/ul	460359	4	17.00	1986130	20.0
9H-Fluorene, 9-me...	16.36	7.1	ng/ul	703065	4	17.00	1986130	20.0
(DEL) Alkane: Str...	16.77	24.4	ng/ul	2427610	4	17.00	1986130	20.0
Dibenzothiophene	16.82	16.7	ng/ul	1656950	4	17.00	1986130	20.0
(DEL) Alkane: Str...	17.51	20.7	ng/ul	2055130	4	17.00	1986130	20.0
(DEL) Alkane: Str...	18.20	16.7	ng/ul	1657220	4	17.00	1986130	20.0
(DEL) Alkane: Str...	18.84	14.7	ng/ul	1458370	4	17.00	1986130	20.0
(DEL) Alkane: Str...	20.46	6.2	ng/ul	788583	5	21.20	2562620	20.0
Nonadecane, 1-chl...	20.92	8.7	ng/ul	1115550	5	21.20	2562620	20.0
(DEL) Alkane: Str...	21.36	5.0	ng/ul	634698	5	21.20	2562620	20.0
(DEL) Alkane: Str...	22.24	3.0	ng/ul	387192	5	21.20	2562620	20.0