LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

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	4.758	296	301	309	rBV	170966	239491	7.27%	0.811%
2	5.628	444	449	455	rVB5	27201	44503	1.35%	0.151%
3	5.952	498	504	514	rBV	506027	742061	22.53%	2.514%
4	6.822	643	652	656	rBV7	17512	40440	1.23%	0.137%
5	7.210	714	718	721	rVV2	47656	68167	2.07%	0.231%
6	7.593	773	783	791	rBV	477991	801676	24.35%	2.716%
7	8.075	861	865	868	rBV4	38765	57633	1.75%	0.195%
8	8.228	884	891	899	rBV6	33009	63778	1.94%	0.216%
9	8.340	903	910	916	rBV8	23579	45866	1.39%	0.155%
10	8.804	985	989	995	rVB2	87444	134952	4.10%	0.457%
11	9.793	1150	1157	1162	rBV5	24289	45890	1.39%	0.155%
12	10.363	1244	1254	1259	rBV	584042	1188689	36.10%	4.027%
13	10.416	1259	1263	1270	rVV	179270	324025	9.84%	1.098%
14	10.528	1279	1282	1290	rVB5	34307	56679	1.72%	0.192%
15	10.663	1300	1305	1311	rVB4	32614	49858	1.51%	0.169%
16	10.745	1314	1319	1325	rBV4	26009	41946	1.27%	0.142%
17	10.975	1354	1358	1364	rBV5	23820	43856	1.33%	0.149%
18	11.198	1391	1396	1400	rBV7	18775	37012	1.12%	0.125%
19	11.281	1405	1410	1418	rVV4	34894	76680	2.33%	0.260%
20	11.387	1421	1428	1434	rVV3	62520	120194	3.65%	0.407%
21	11.469	1438	1442	1448	rVB5	35751	59061	1.79%	0.200%
22	11.798	1487	1498	1503	rBV	195976	320509	9.73%	1.086%
23	12.039	1533	1539	1545	rVB	216971	360468	10.95%	1.221%
24	12.263	1569	1577	1585	rBV2	126141	237336	7.21%	0.804%
25	12.339	1585	1590	1594	rBV6	25738	37096	1.13%	0.126%
26	12.628	1635	1639	1649	rVB6	38565	73659	2.24%	0.250%
27	12.710	1649	1653	1658	rBV5	30110	48817	1.48%	0.165%
28	12.769	1658	1663	1668	rVV3	71239	122004	3.70%	0.413%
29	12.810	1668	1670	1679	rVB7	23391	41282	1.25%	0.140%
30	13.063	1705	1713	1719	rBV2	318146	488259	14.83%	1.654%
31	13.269	1743	1748	1750	rVV	61294	87800	2.67%	0.297%
32	13.292	1750	1752	1757	rVB5	39950	52868	1.61%	0.179%
33	13.404	1762	1771	1772	rBV2	131348	213226	6.48%	0.722%
34	13.557	1792	1797	1802	rBV	181641	338074	10.27%	1.145%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

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	13.616	1802	1807	1810	rBV	87169	126226	3.83%	0.428%
36	13.728	1819	1826	1830	rVB3	105103	162810	4.94%	0.552%
37	13.769	1830	1833	1835	rBV3	43690	51872	1.58%	0.176%
38	13.804	1835	1839	1842	rVB2	46836	64744	1.97%	0.219%
39	13.933	1858	1861	1864	rBV	49906	69440	2.11%	0.235%
40	13.963	1864	1866	1872	rVB3	44728	58137	1.77%	0.197%
41	14.145	1891	1897	1903	rBV	336628	439144	13.34%	1.488%
42	14.233	1903	1912	1920	rVV3	1008798	2383775	72.39%	8.076%
43	14.310	1920	1925	1933	rVV2	195803	345618	10.50%	1.171%
44	14.386	1933	1938	1944	rVB7	77196	126871	3.85%	0.430%
45	14.457	1945	1950	1960	rVB4	77293	198568	6.03%	0.673%
46	14.539	1960	1964	1969	rBV6	35899	71054	2.16%	0.241%
47	14.598	1969	1974	1976	rBV	64901	97202	2.95%	0.329%
48	14.651	1979	1983	1990	rVB	233151	345240	10.48%	1.170%
49	14.727	1990	1996	2000	rVB3	81351	127322	3.87%	0.431%
50	14.769	2000	2003	2008	rBV4	63154	113350	3.44%	0.384%
51	14.892	2013	2024	2027	rVV8	98011	256952	7.80%	0.871%
52	14.922	2027	2029	2033	rVB2	53074	63784	1.94%	0.216%
53	15.016	2040	2045	2052	rBV7	47810	137533	4.18%	0.466%
54	15.104	2056	2060	2065	rVB	323059	422846	12.84%	1.433%
55	15.239	2079	2083	2087	rVB3	63611	100487	3.05%	0.340%
56	15.298	2087	2093	2098	rBV2	191683	296574	9.01%	1.005%
57	15.357	2098	2103	2106	rVV7	49496	94204	2.86%	0.319%
58	15.416	2110	2113	2117	rVB6	34052	51795	1.57%	0.175%
59	15.510	2125	2129	2134	rVB	97171	146213	4.44%	0.495%
60	15.604	2141	2145	2152	rVB6	59984	130377	3.96%	0.442%
61	15.663	2152	2155	2158	rBV4	35594	54454	1.65%	0.184%
62	15.716	2159	2164	2169	rVV	573122	768080	23.32%	2.602%
63	15.804	2175	2179	2190	rVB	39588	69989	2.13%	0.237%
64	15.969	2202	2207	2215	rBV	336859	679319	20.63%	2.302%
65	16.039	2215	2219	2224	rVB	299387	394383	11.98%	1.336%
66	16.192	2241	2245	2251	rBV9	21145	43662	1.33%	0.148%
67	16.310	2261	2265	2269	rVB6	39255	50631	1.54%	0.172%
68	16.363	2270	2274	2281	rVB7	44100	75266	2.29%	0.255%
69	16.545	2300	2305	2308	rBV5	24774	39104	1.19%	0.132%
70	16.651	2317	2323	2333	rVV	2226579	3292971	100.00%	11.157%
71	16.763	2337	2342	2347	rVV2	319435	468281	14.22%	1.587%

LSC Area Percent Report

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Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

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	16.816	2347	2351	2360	rVB4	144565	268484	8.15%	0.910%
73	16.904	2362	2366	2375	rVB2	75880	118088	3.59%	0.400%
74	16.998	2376	2382	2386	rVV	1011413	1458070	44.28%	4.940%
75	17.039	2386	2389	2395	rVV	703669	963190	29.25%	3.263%
76	17.098	2395	2399	2402	rVV3	96000	161312	4.90%	0.547%
77	17.133	2402	2405	2410	rVV	126236	178261	5.41%	0.604%
78	17.221	2411	2420	2427	rVV5	109289	214487	6.51%	0.727%
79	17.298	2429	2433	2437	rVB7	29440	46630	1.42%	0.158%
80	17.416	2448	2453	2463	rVB5	81630	203614	6.18%	0.690%
81	17.504	2463	2468	2474	rBV	221736	316017	9.60%	1.071%
82	17.580	2478	2481	2490	rVB2	46319	77994	2.37%	0.264%
83	17.716	2501	2504	2512	rVB5	26426	60885	1.85%	0.206%
84	17.780	2512	2515	2520	rBV6	31172	56418	1.71%	0.191%
85	17.874	2527	2531	2534	rBV	59322	81497	2.47%	0.276%
86	17.921	2534	2539	2546	rVB4	92144	169111	5.14%	0.573%
87	18.068	2559	2564	2568	rBV3	80999	133310	4.05%	0.452%
88	18.192	2581	2585	2591	rBV	199372	247553	7.52%	0.839%
89	18.386	2613	2618	2621	rBV4	52594	88574	2.69%	0.300%
90	18.545	2641	2645	2649	rVB5	33857	54997	1.67%	0.186%
91	18.804	2685	2689	2691	rBV4	35723	45140	1.37%	0.153%
92	18.833	2691	2694	2698	rVB	176910	194771	5.91%	0.660%
93	19.062	2728	2733	2740	rBV	411812	577933	17.55%	1.958%
94	19.427	2786	2795	2799	rBV3	347452	737050	22.38%	2.497%
95	19.957	2882	2885	2888	rVB2	139681	145013	4.40%	0.491%
96	20.451	2966	2969	2972	rVB3	107361	119222	3.62%	0.404%
97	20.921	3046	3049	3051	rVB2	103327	104663	3.18%	0.355%
98	21.198	3091	3096	3101	rBV	1425299	1825817	55.45%	6.186%
99	21.356	3120	3123	3127	rVB6	94310	103440	3.14%	0.350%
100	23.386	3463	3468	3479	rVB	877892	1642390	49.88%	5.564%

Sum of corrected areas: 29516064

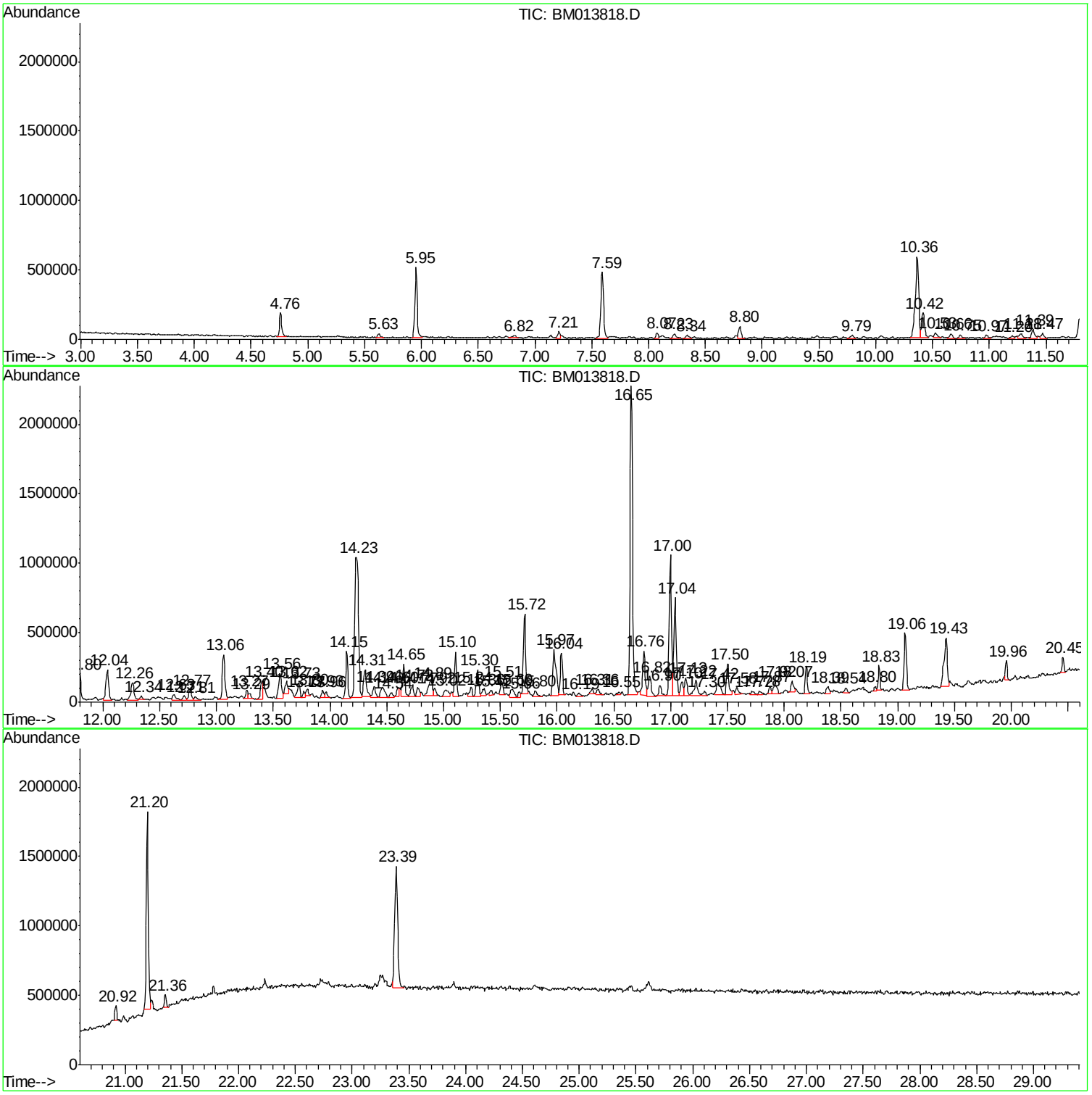
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

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

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

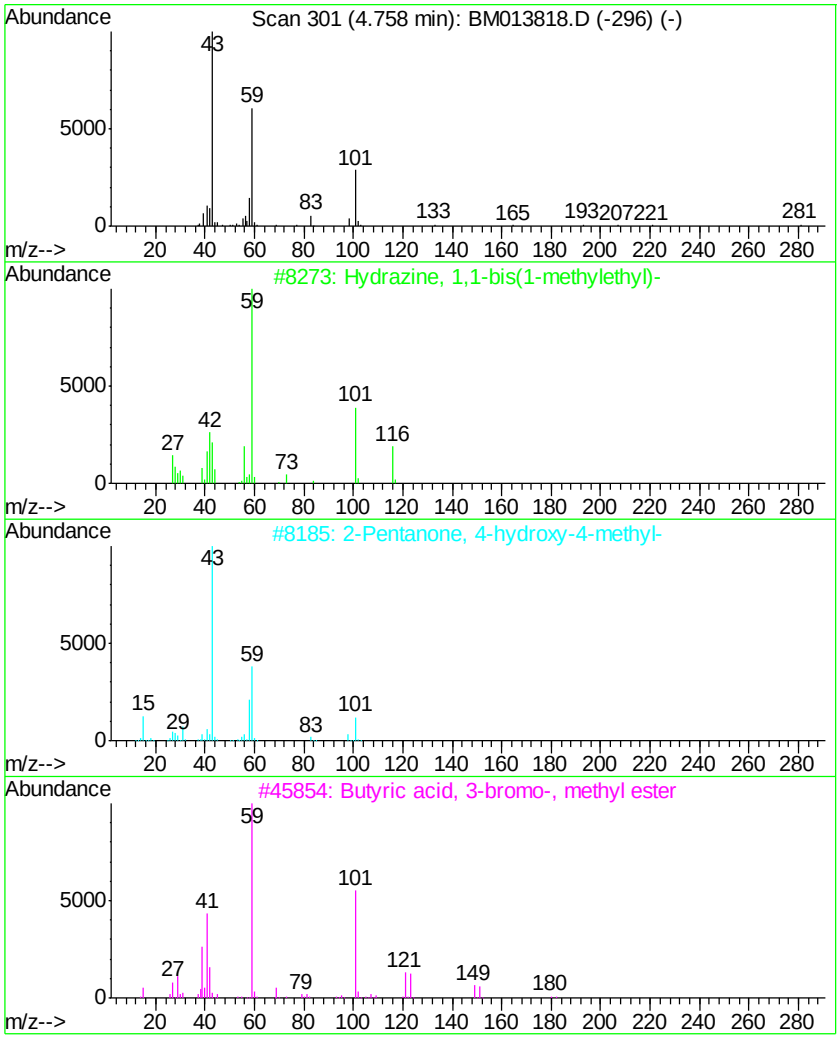
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

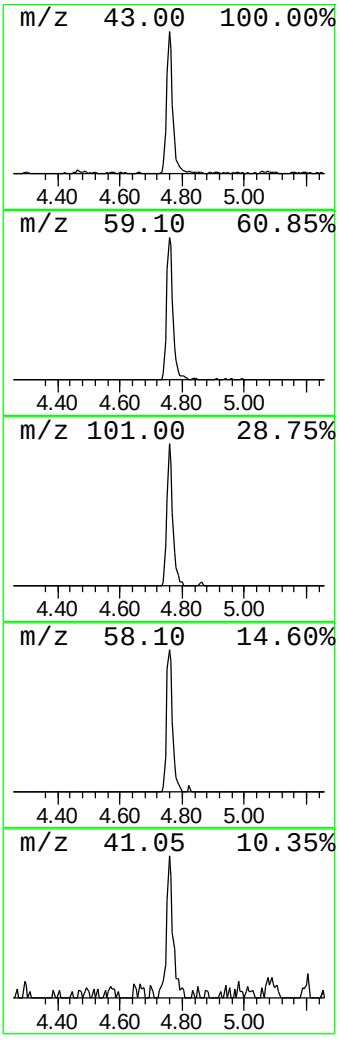
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hydrazine, 1,1-bis(1-methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	5.97 ng/ul	239491	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	Butyric acid, 3-bromo-, methyl e...	180	C5H9BrO2	021249-59-2	28
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

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

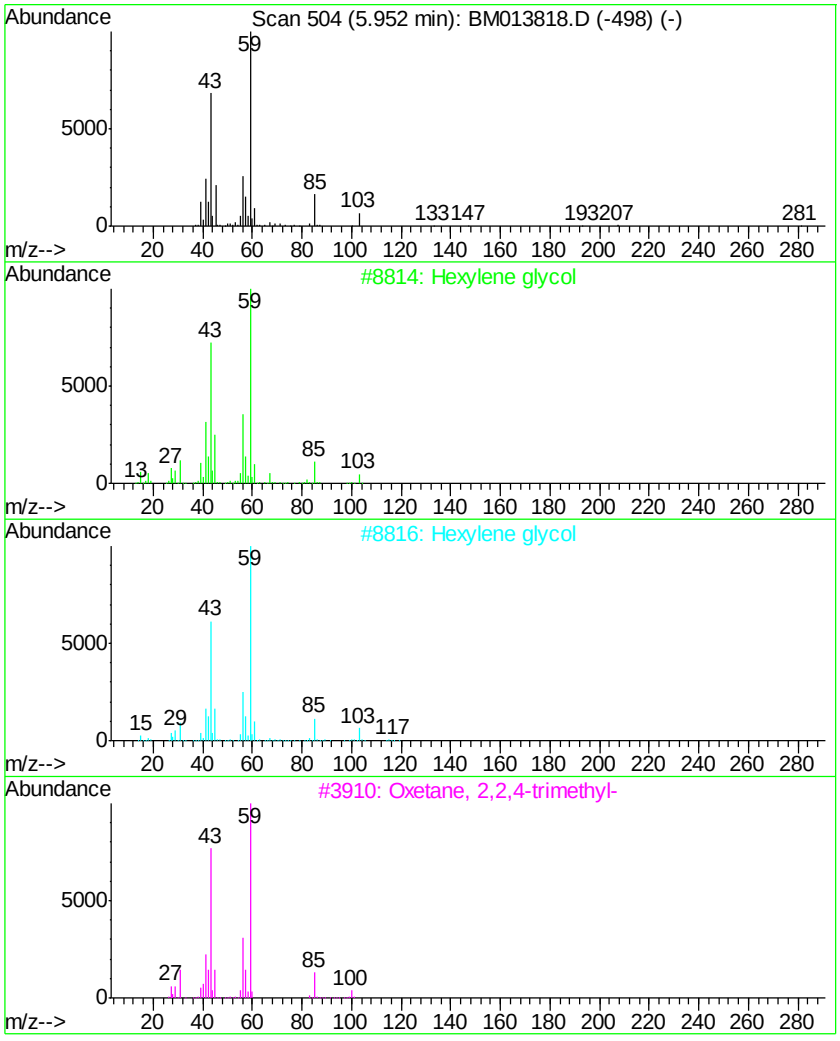
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

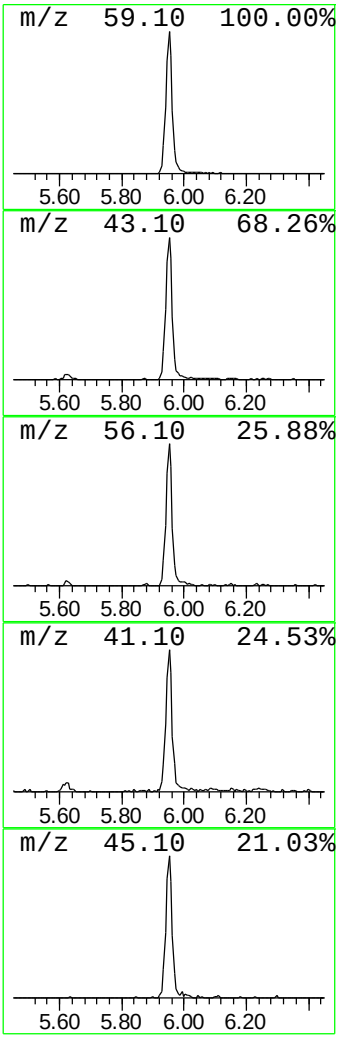
****

Peak Number 2 Hexylene glycol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	18.51 ng/ul	742061	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	78
3	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	72
4	dl-Erythro-O-methylthreonine	133	C5H11NO3	1000214-70-7	64
5	1-(1-Methoxypropan-2-yloxy)propa...	232	C12H24O4	1000367-13-4	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

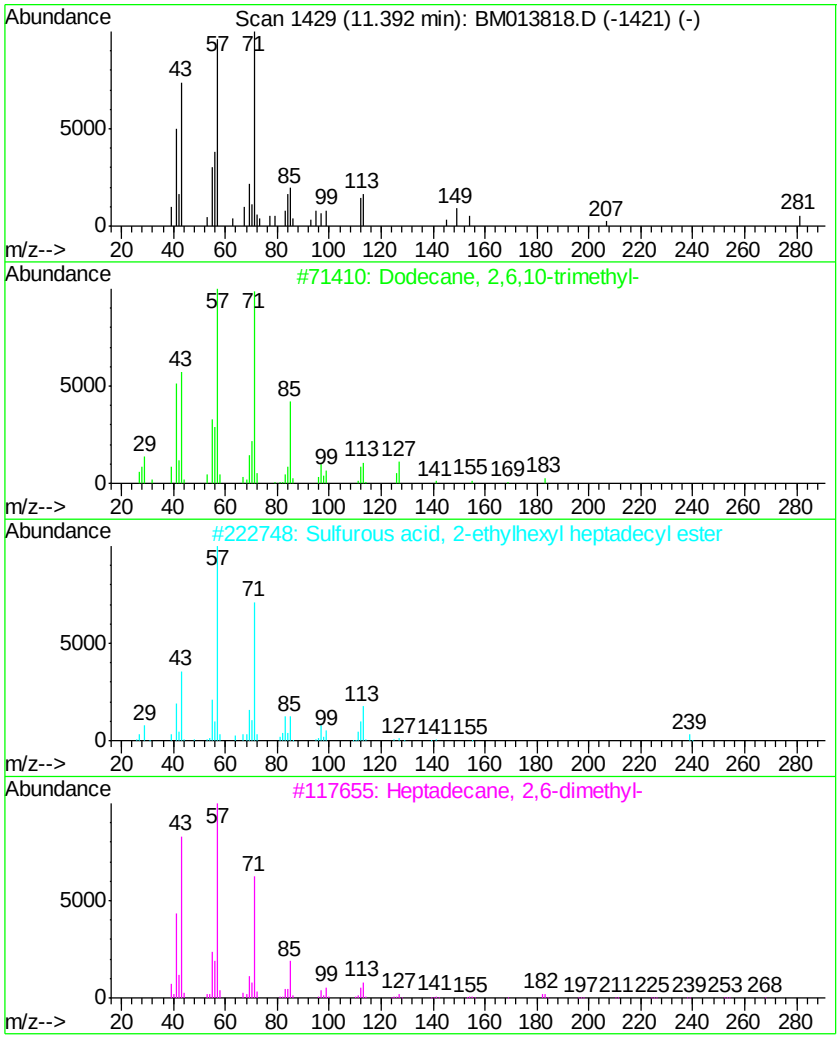
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

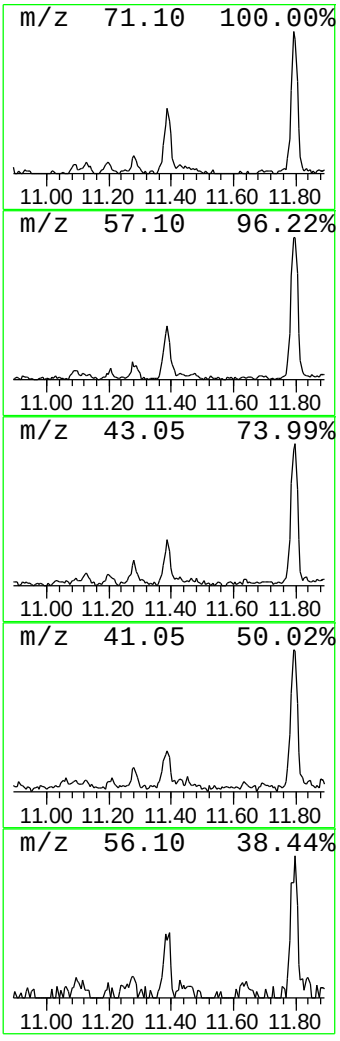
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	2.02 ng/ul	120194	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	64
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

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

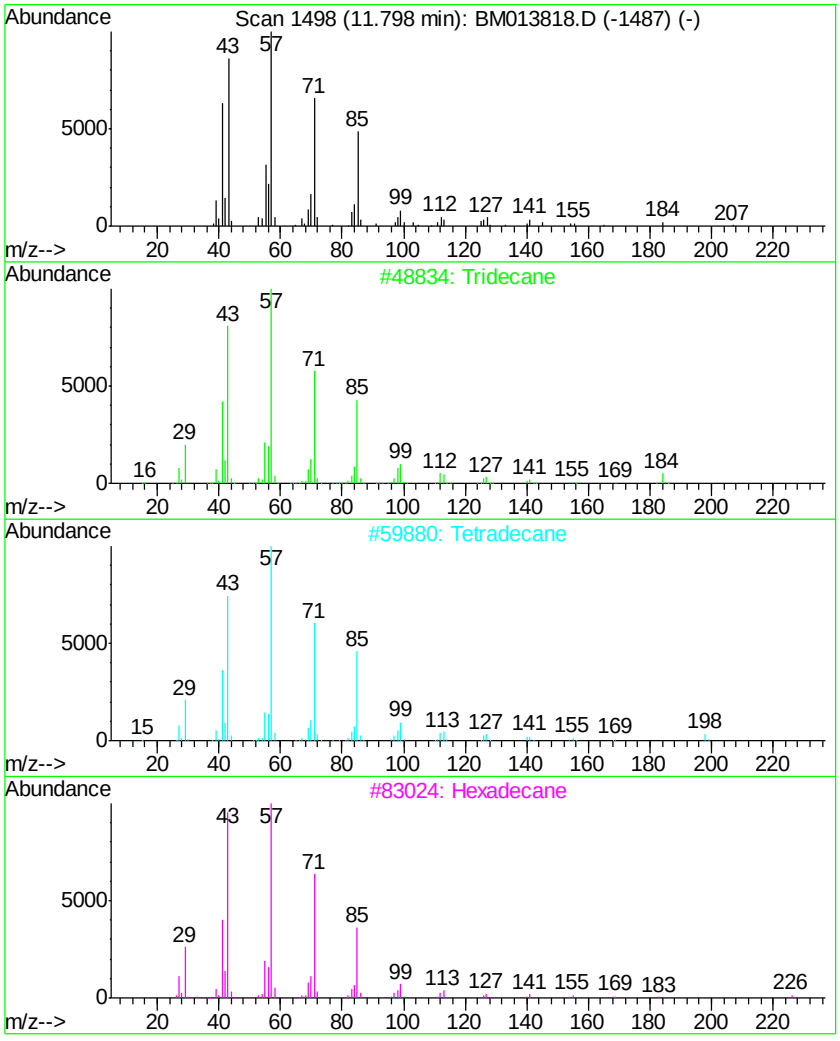
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

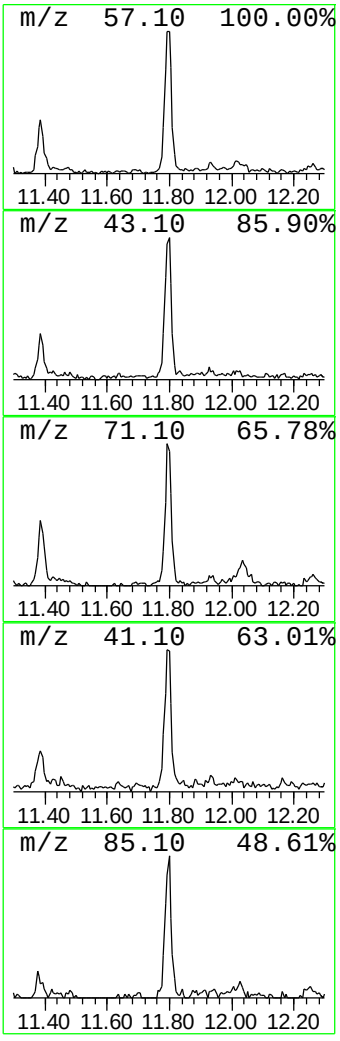
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	5.39 ng/ul	320509	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tridecane	184	C13H28	000629-50-5	81
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

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

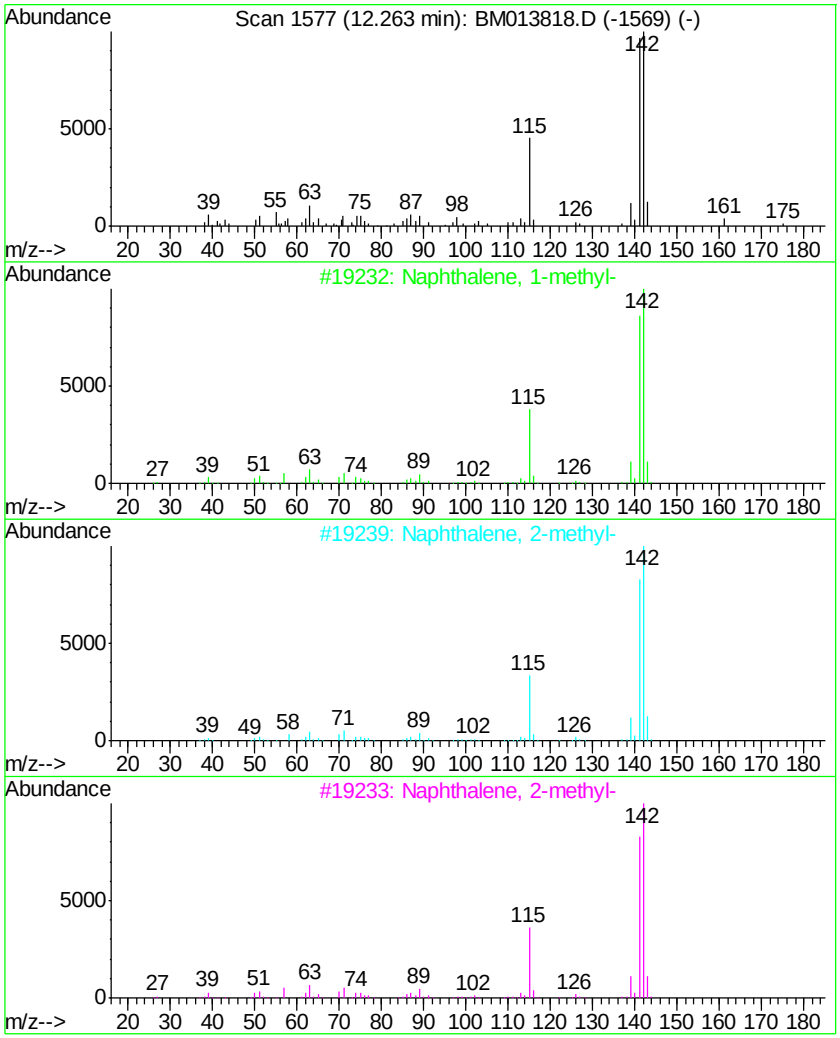
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

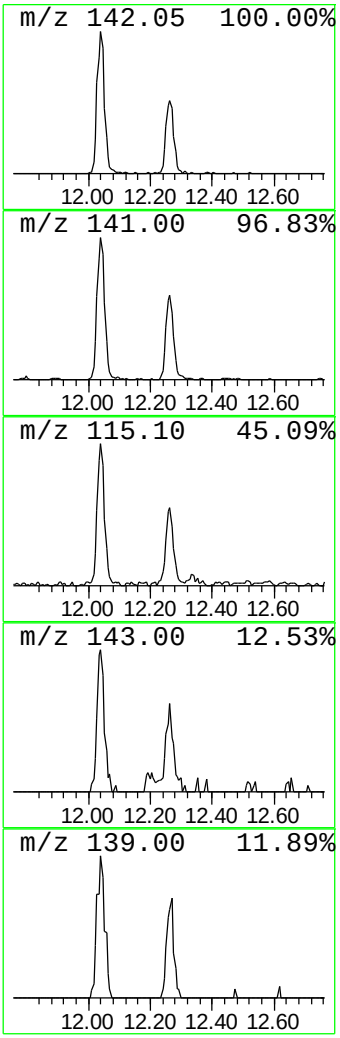
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.99 ng/ul	237336	Naphthalene-d8	10.36

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





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Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

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

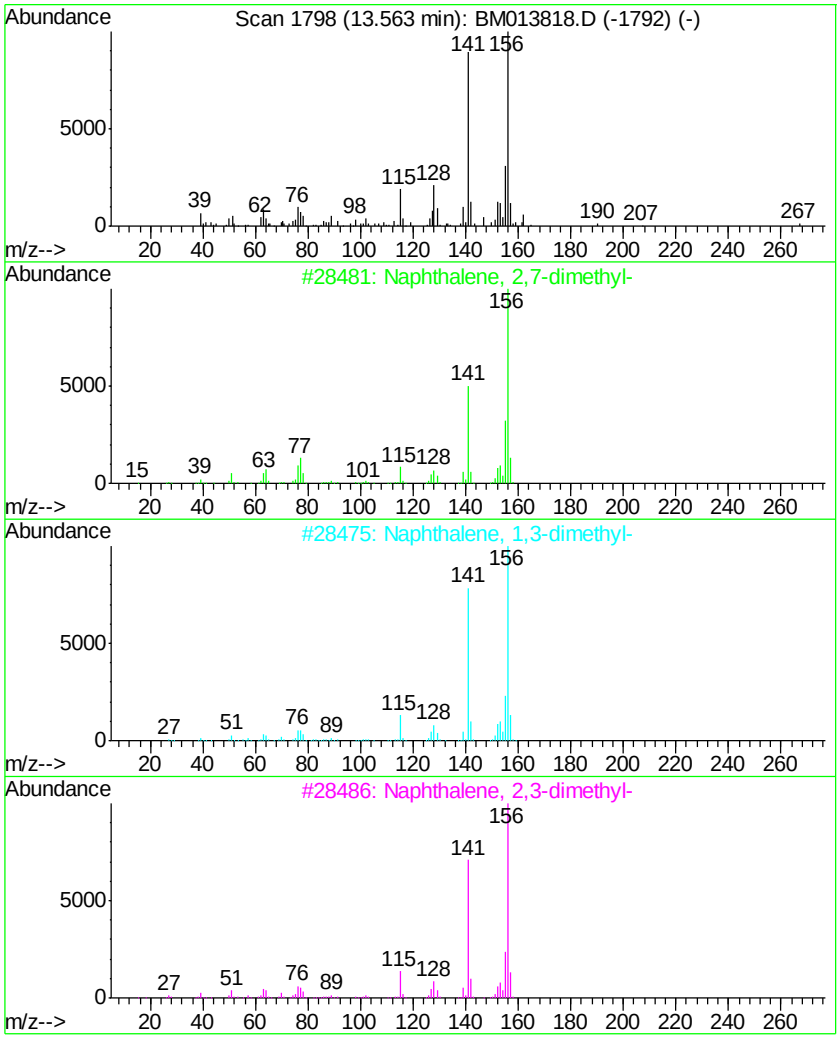
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

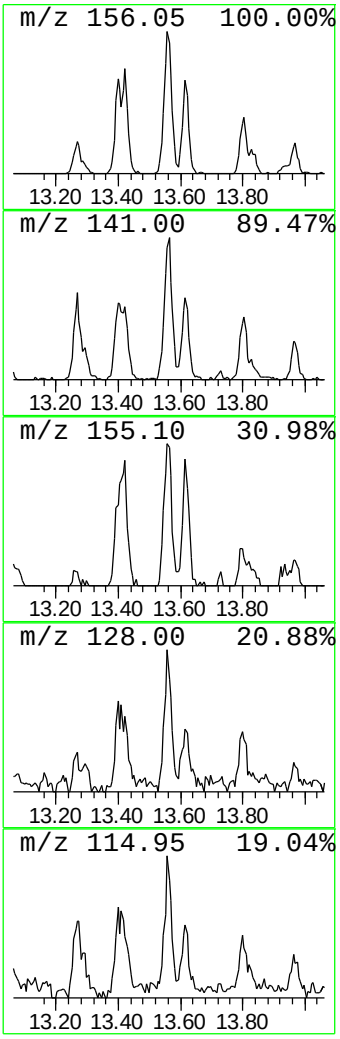
****

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	2.84 ng/ul	338074	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93





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Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

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

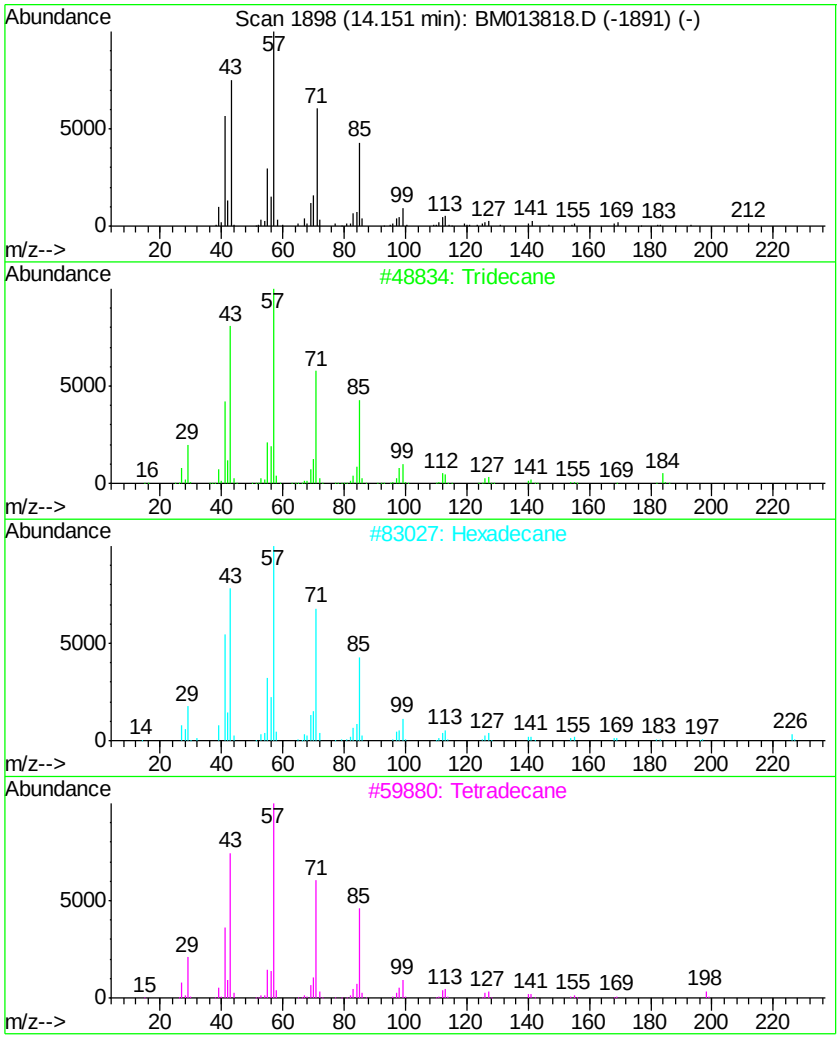
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

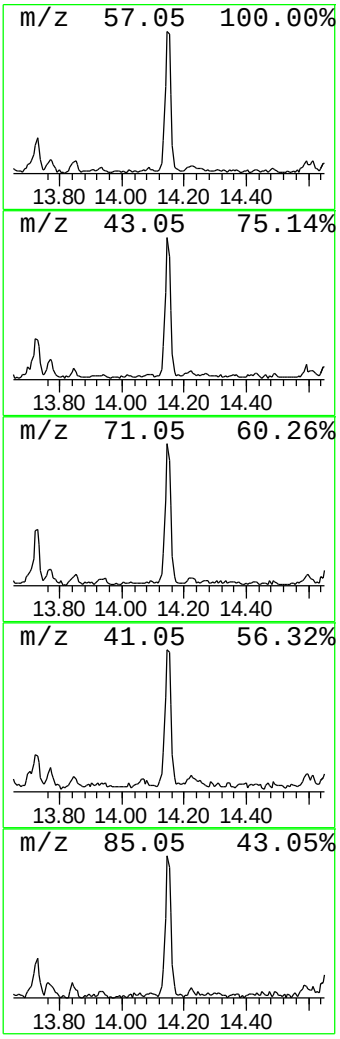
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	3.68 ng/ul	439144	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

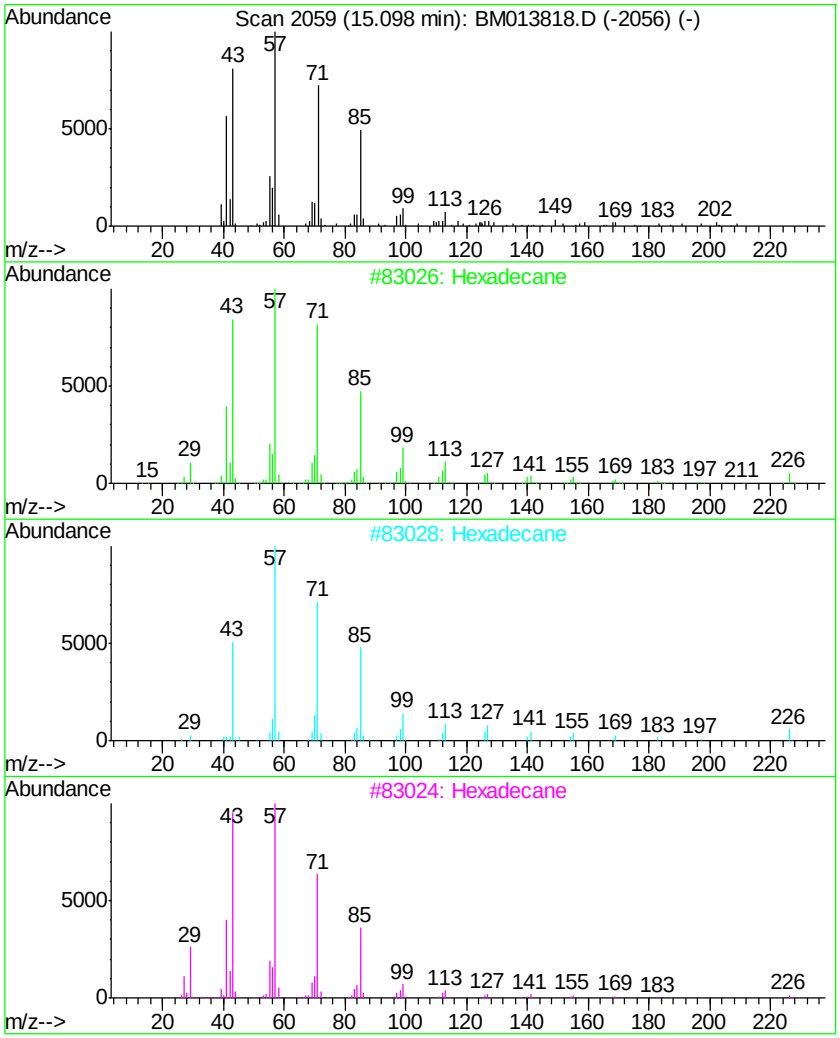
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

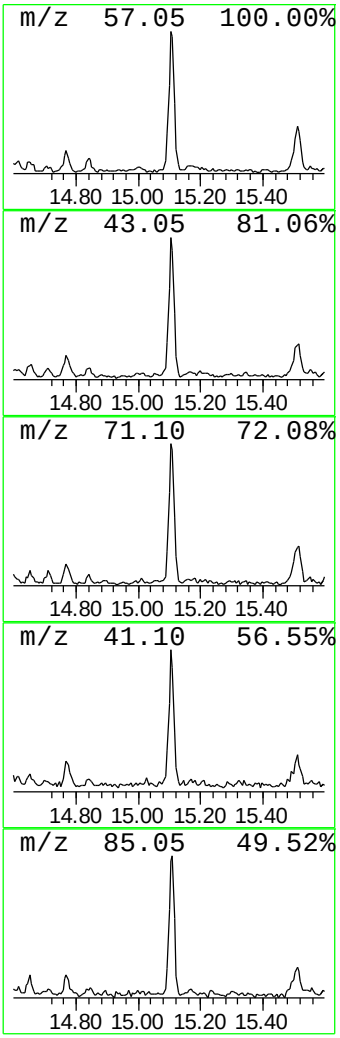
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	3.55 ng/ul	422846	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Hexadecane	226	C16H34	000544-76-3	89
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tridecane	184	C13H28	000629-50-5	83





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Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

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

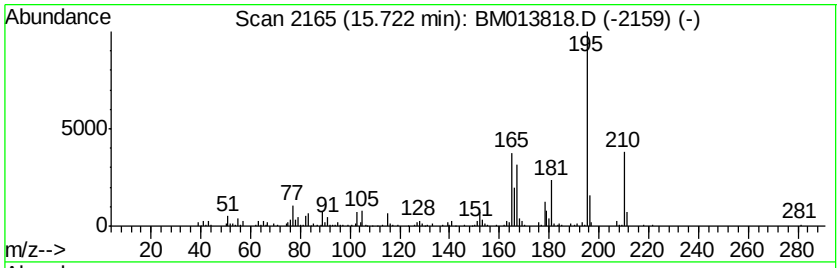
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

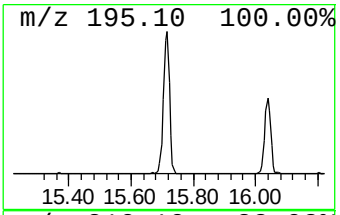
****

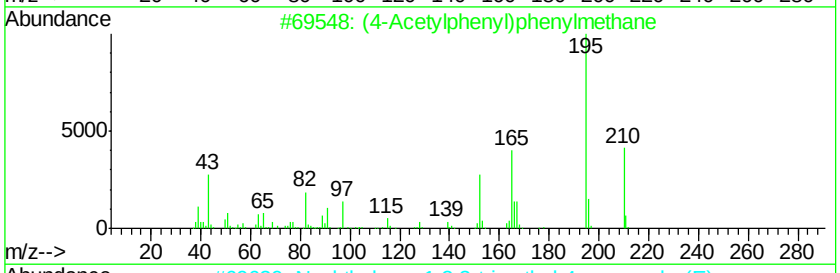
Peak Number 9 (4-Acetylphenyl)phenylmethane Concentration Rank 2

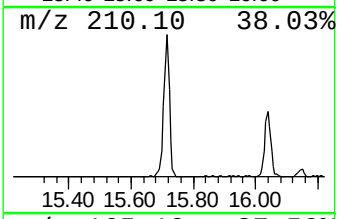
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	10.54 ng/ul	768080	Phenanthrene-d10	17.00

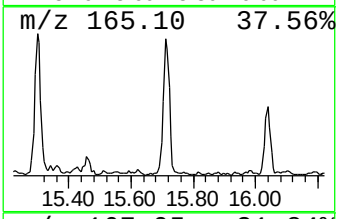
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	68
2	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	68
3	2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	50
4	Benzo[c]cinnolin-2-amine	195	C12H9N3	004827-07-0	47
5	3-Acridinol	195	C13H9NO	007132-70-9	46

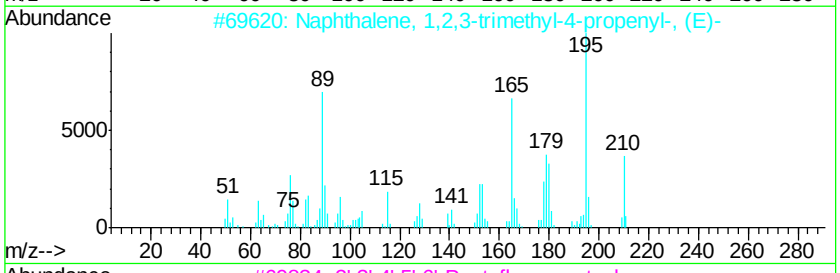


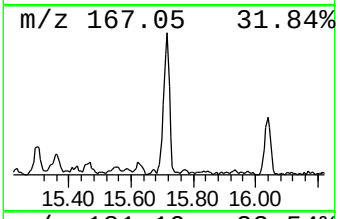


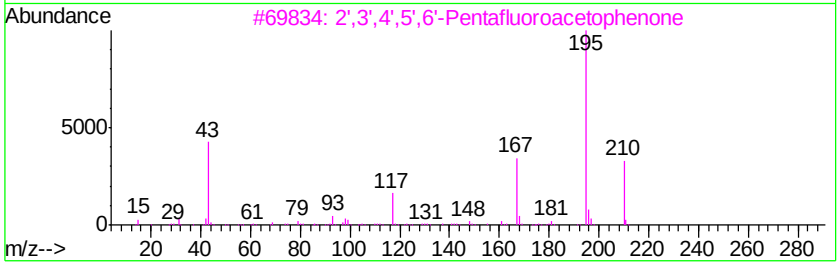


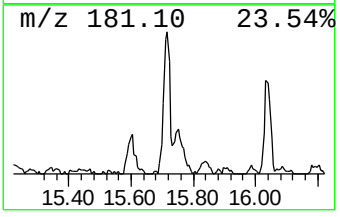












Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

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

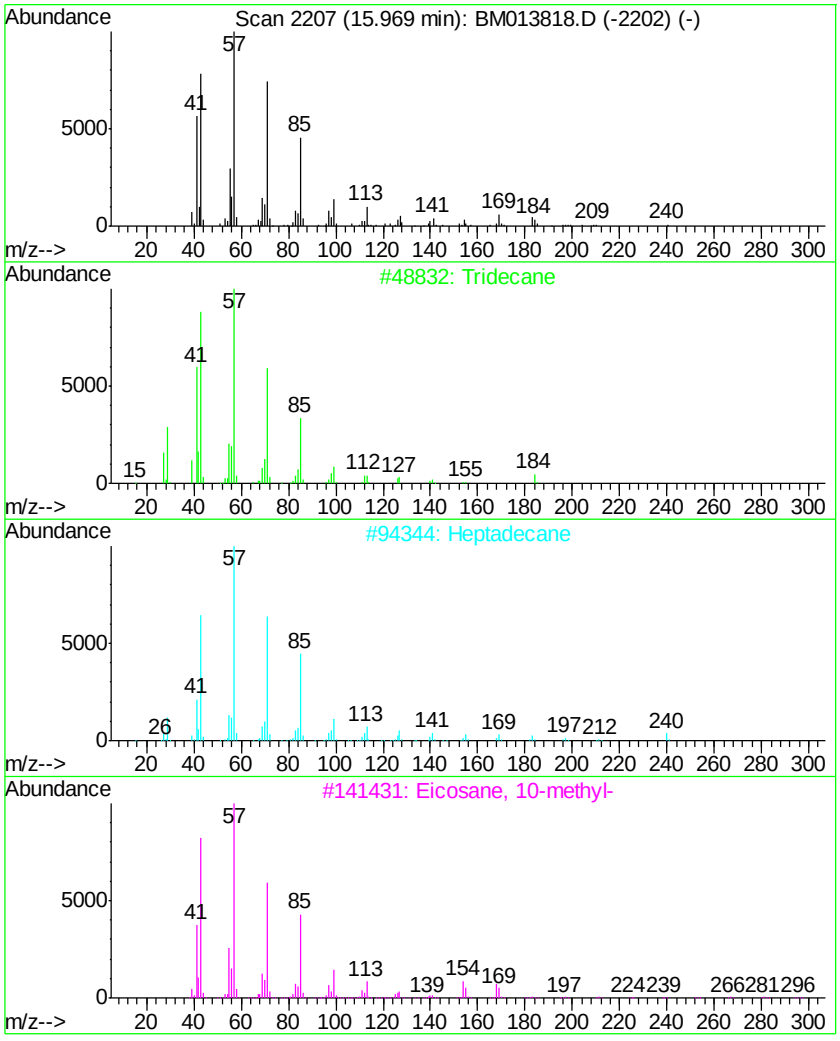
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

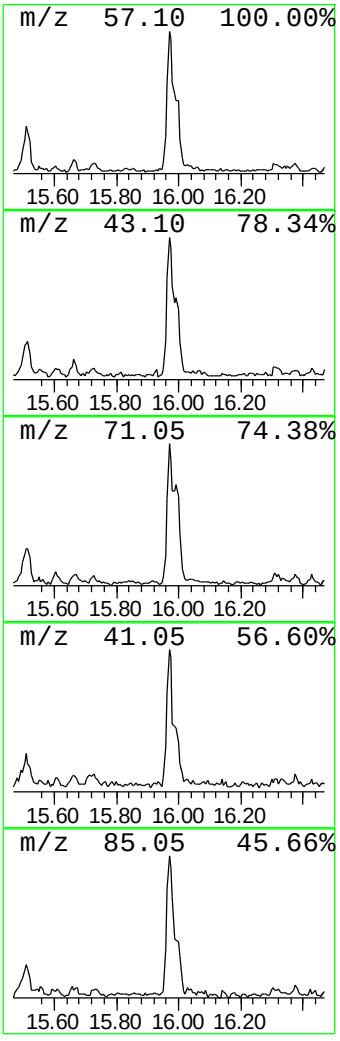
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	9.32 ng/ul	679319	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

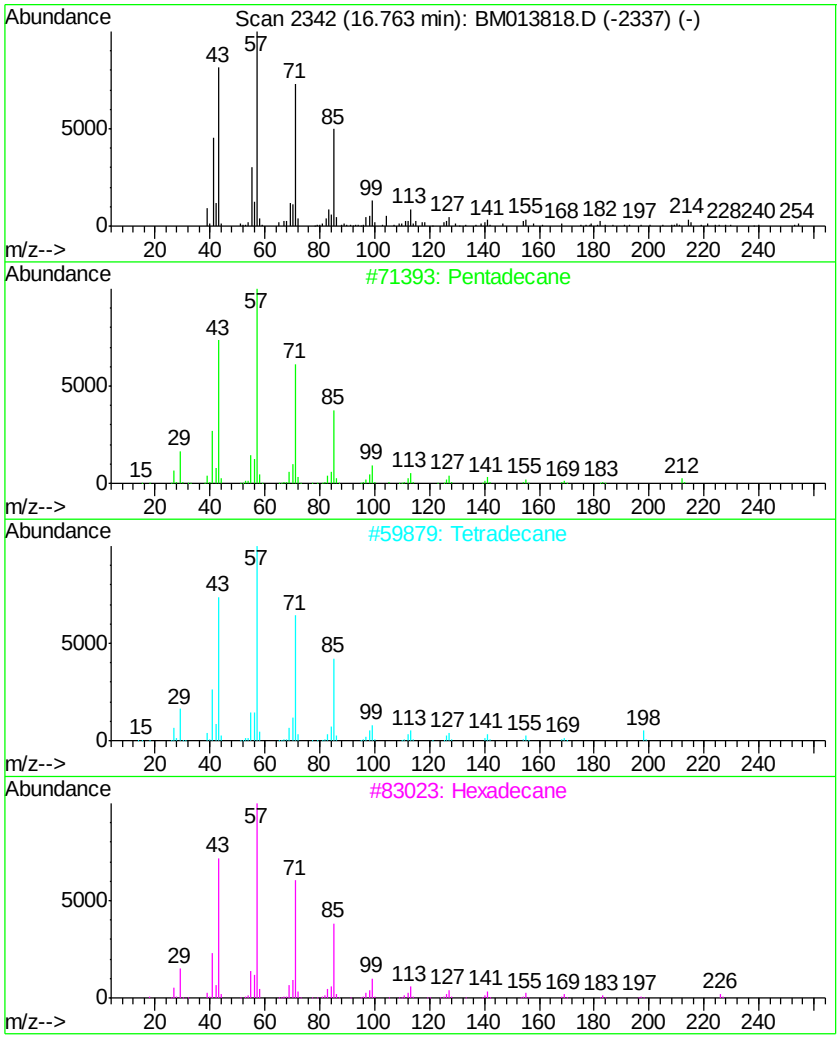
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

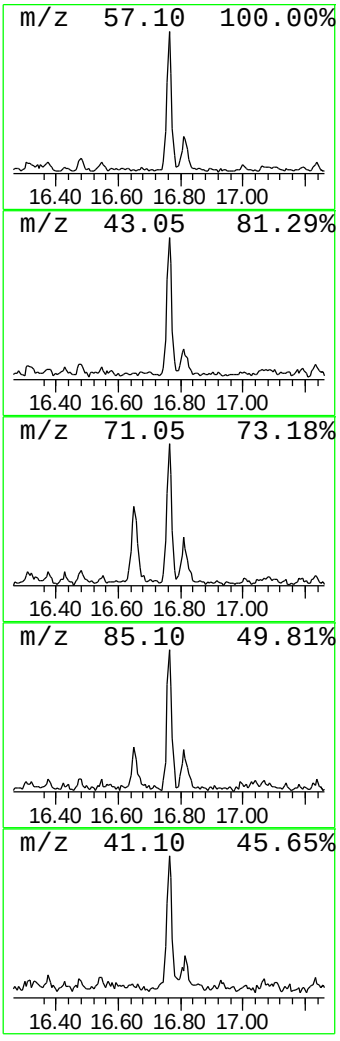
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	6.42 ng/ul	468281	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
5	Hexadecane	226	C16H34	000544-76-3	87





Library Search Compound Report

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Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

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

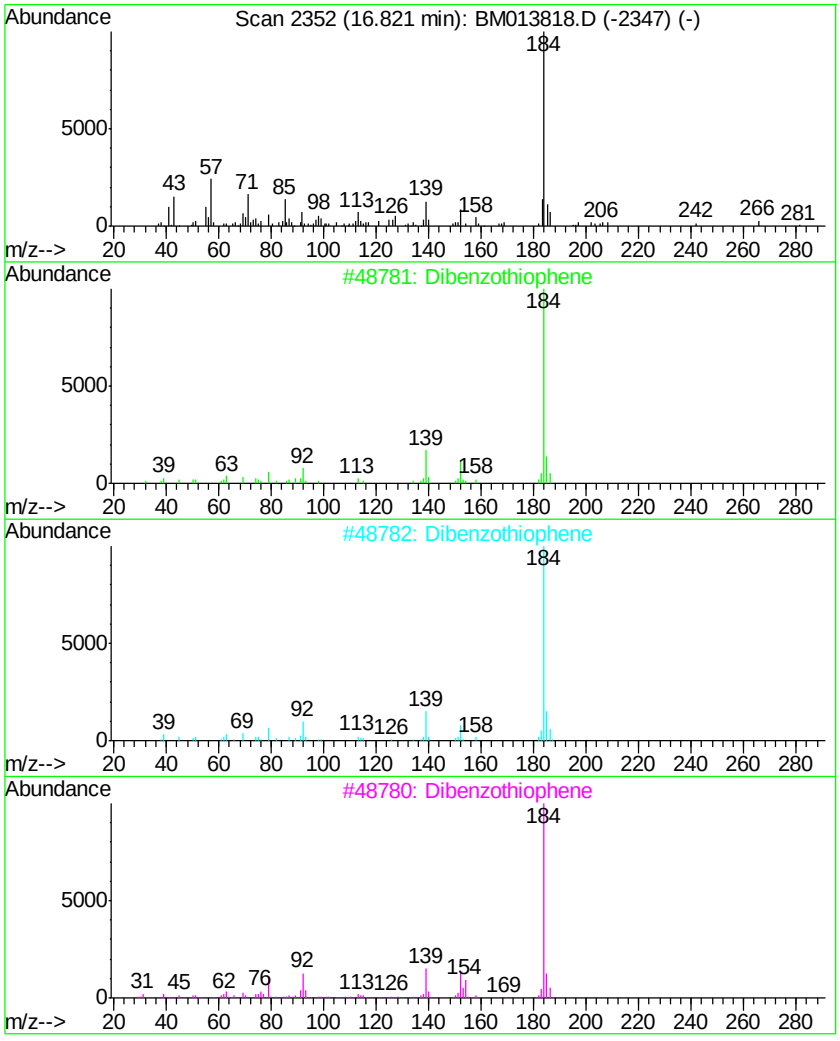
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

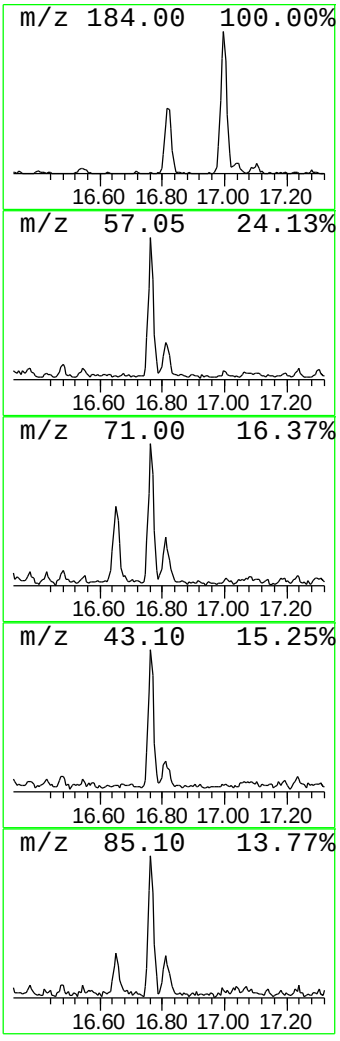
****

Peak Number 13 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	3.68 ng/ul	268484	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	70
2	Dibenzothiophene	184	C12H8S	000132-65-0	64
3	Dibenzothiophene	184	C12H8S	000132-65-0	62
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	62
5	Dibenzothiophene	184	C12H8S	000132-65-0	58





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Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

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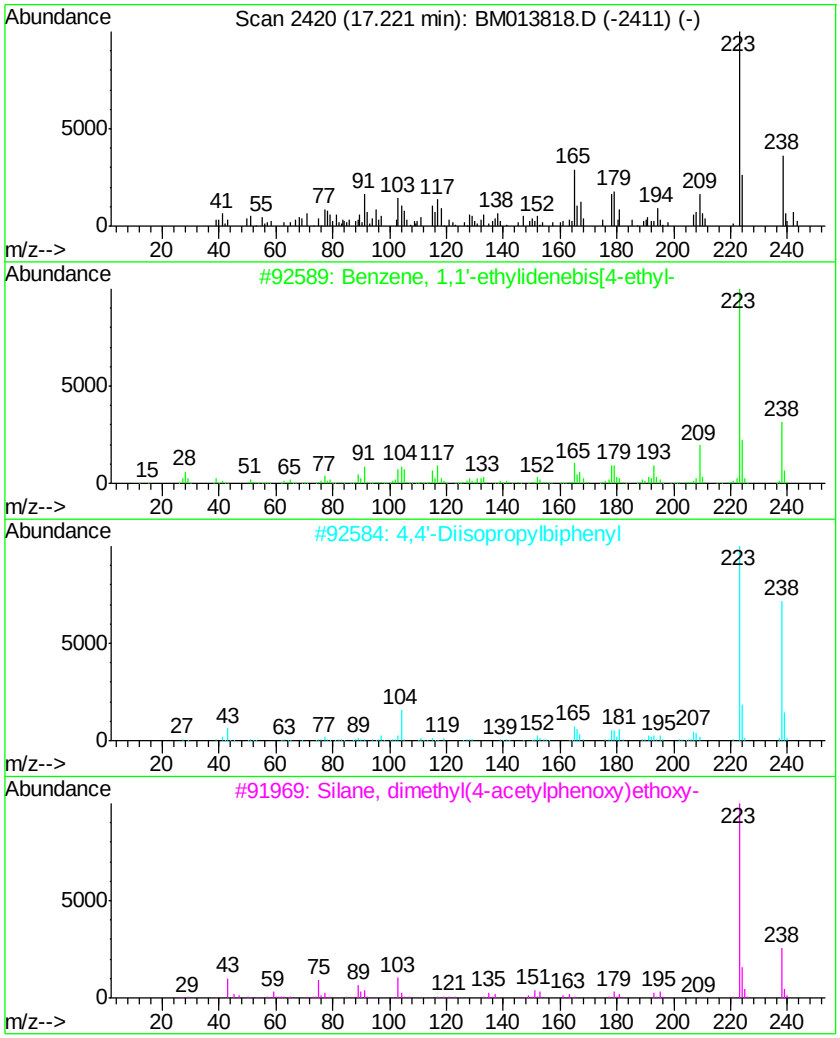
Quant Title : SVOA CALIBRATION

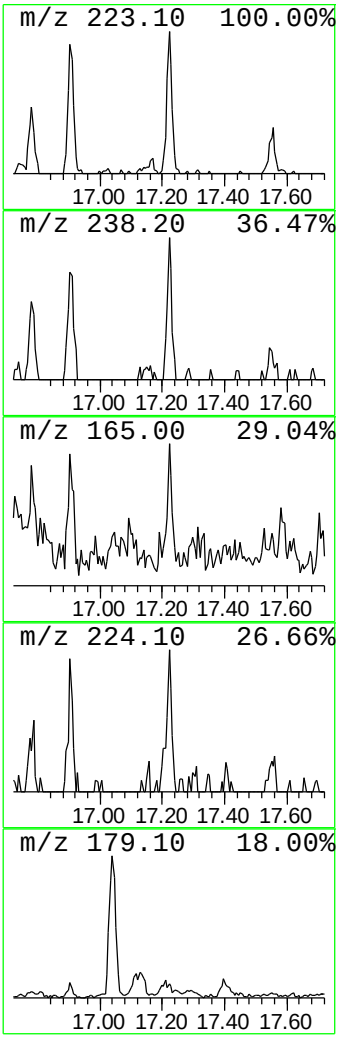
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,1'-ethylidenebis... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	2.94 ng/ul	214487	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	81
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	76
3	Silane, dimethyl(4-acetylphenoxy...	238	C12H18O3Si	1000347-30-7	60
4	Benzene, 1,1'-(2,2-dichloroethyl...	306	C18H20Cl2	000072-56-0	59
5	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	59





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Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

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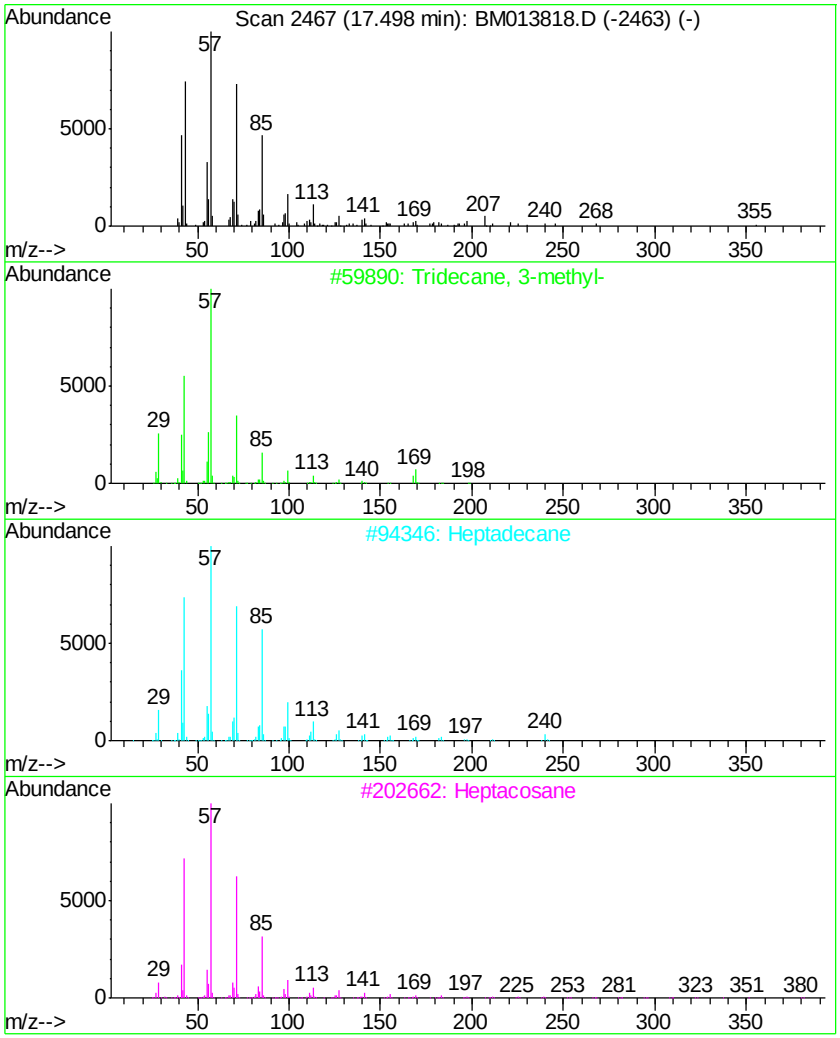
Quant Title : SVOA CALIBRATION

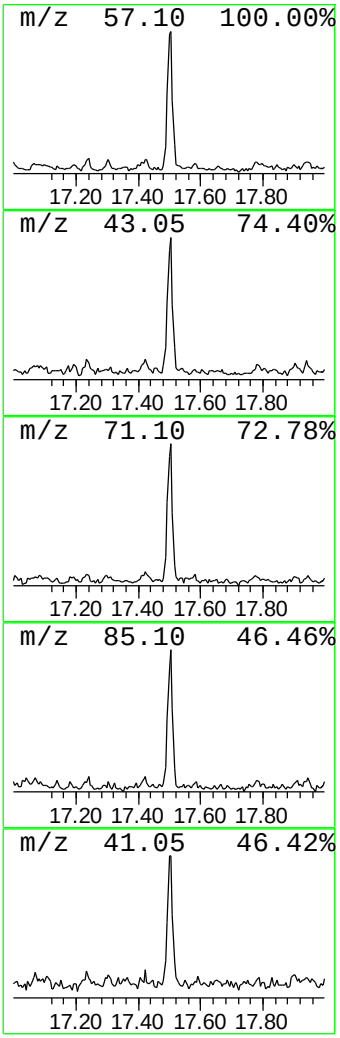
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	4.33 ng/ul	316017	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	90
2	Heptadecane	240	C17H36	000629-78-7	86
3	Heptacosane	380	C27H56	000593-49-7	74
4	Eicosane	282	C20H42	000112-95-8	64
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	58





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

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Quant Title : SVOA CALIBRATION

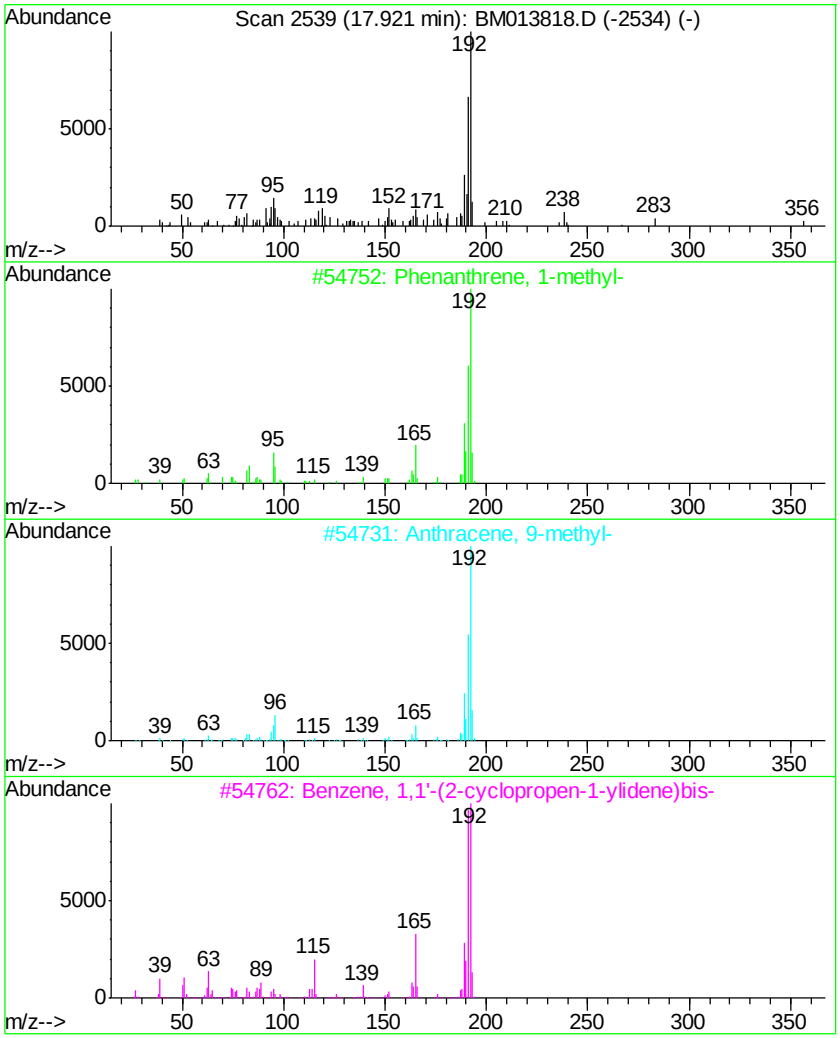
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

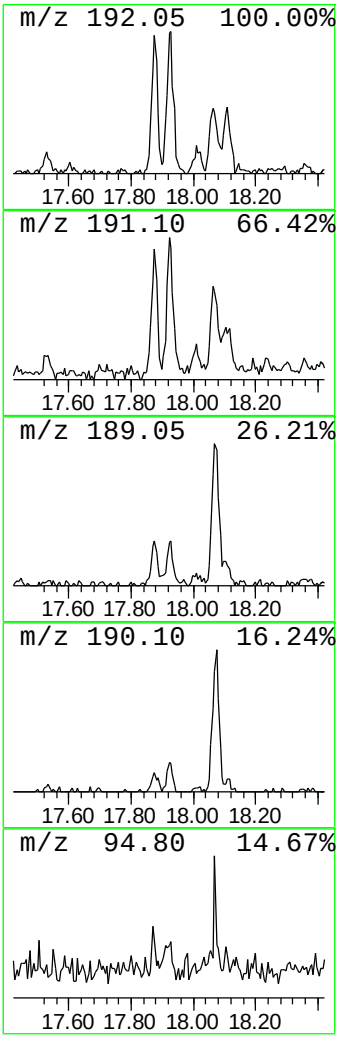
****

Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.32 ng/ul	169111	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
3	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	68
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	58
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	58





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

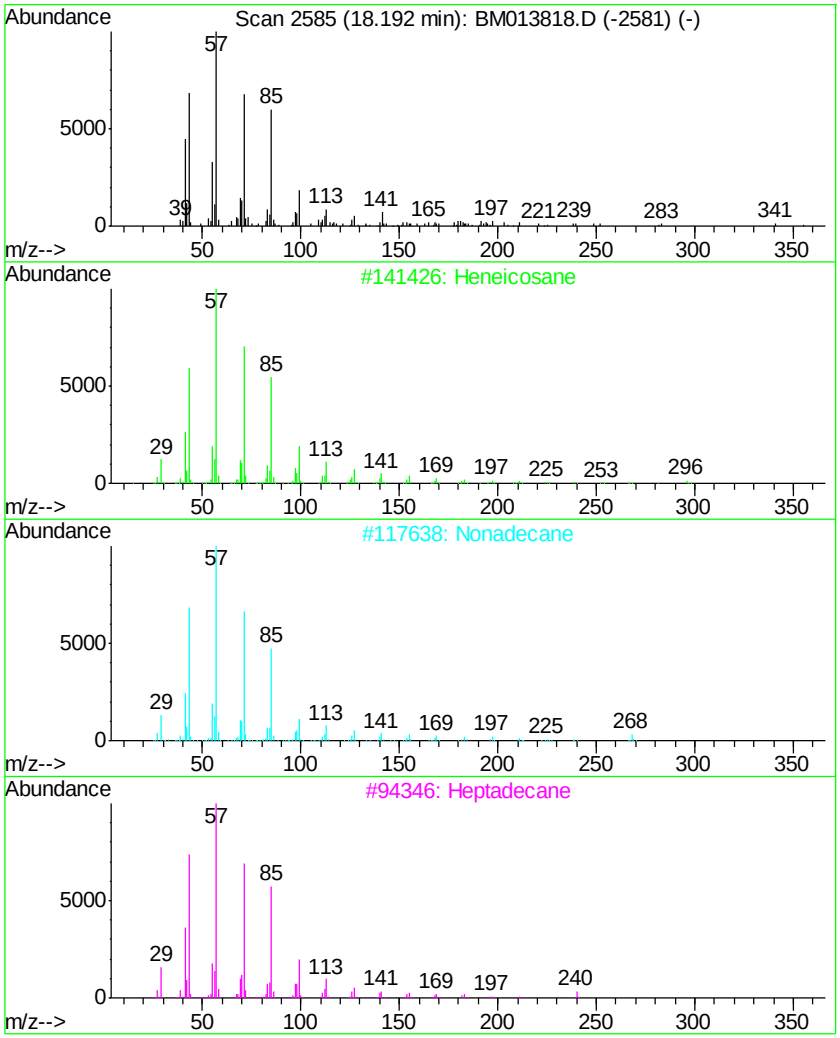
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

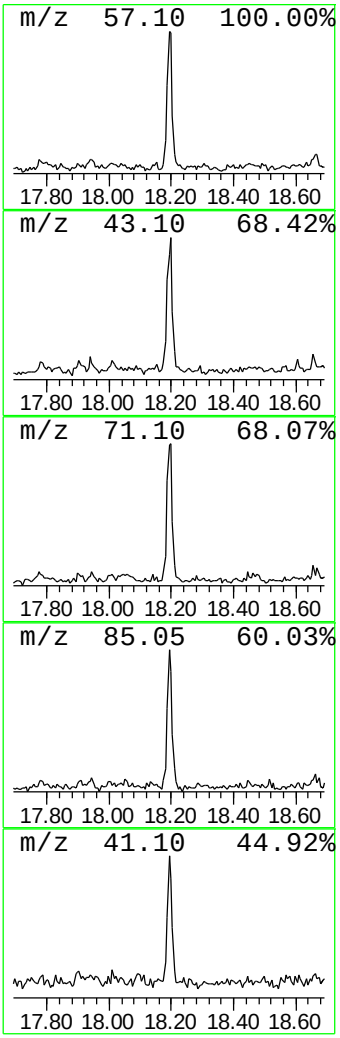
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	3.40 ng/ul	247553	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Nonadecane	268	C19H40	000629-92-5	83
3	Heptadecane	240	C17H36	000629-78-7	83
4	Octadecane	254	C18H38	000593-45-3	80
5	Octadecane	254	C18H38	000593-45-3	80





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

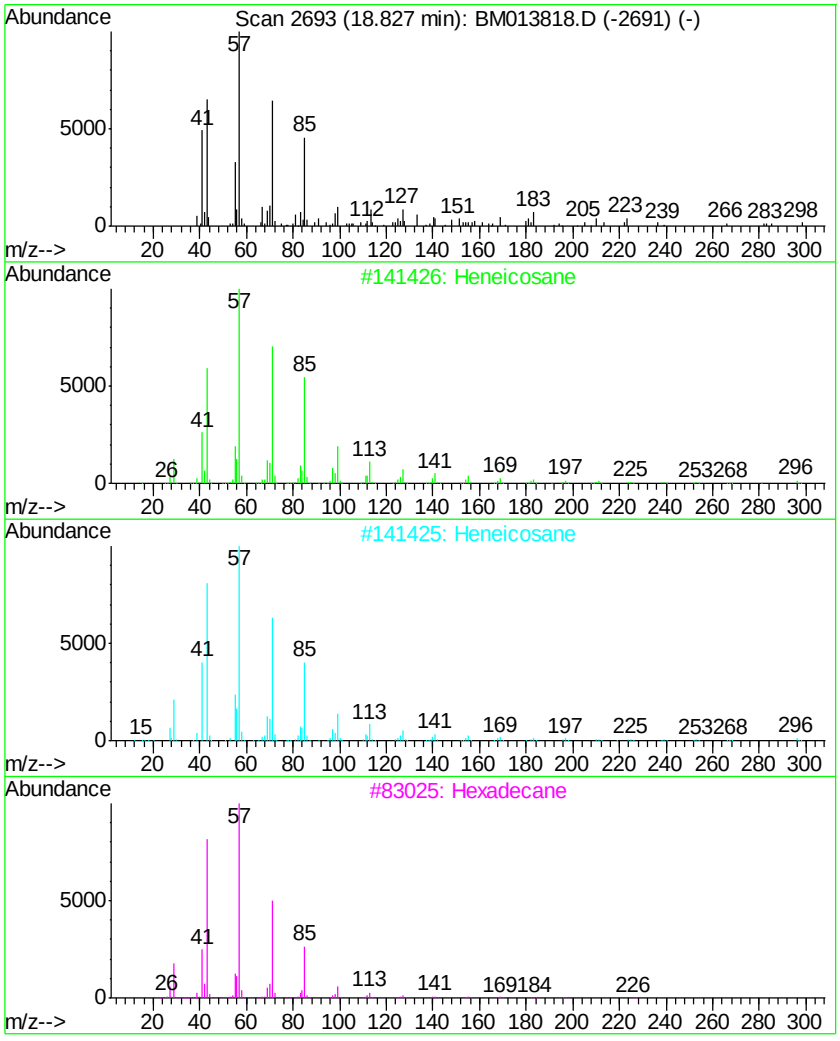
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

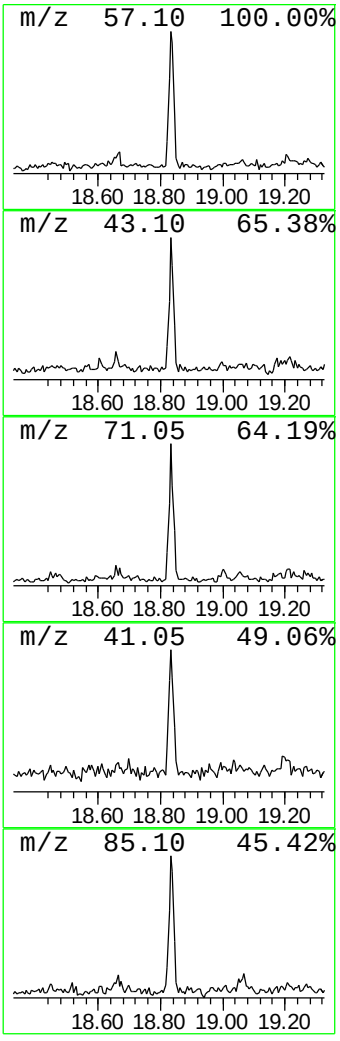
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.67 ng/ul	194771	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Heneicosane	296	C21H44	000629-94-7	96
3	Hexadecane	226	C16H34	000544-76-3	95
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012518\
Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A84DL

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
Hydrazine, 1,1-bi...	4.76	6.0	ng/ul	239491	1	7.59	801676	20.0
Hexylene glycol	5.95	18.5	ng/ul	742061	1	7.59	801676	20.0
(DEL) Alkane: Str...	11.39	2.0	ng/ul	120194	2	10.36	1188690	20.0
(DEL) Alkane: Str...	11.80	5.4	ng/ul	320509	2	10.36	1188690	20.0
Naphthalene, 1-me...	12.26	4.0	ng/ul	237336	2	10.36	1188690	20.0
Naphthalene, 2,7-...	13.56	2.8	ng/ul	338074	3	14.25	2383780	20.0
(DEL) Alkane: Str...	14.15	3.7	ng/ul	439144	3	14.25	2383780	20.0
(DEL) Alkane: Str...	15.10	3.5	ng/ul	422846	3	14.25	2383780	20.0
(4-Acetylphenyl)p...	15.72	10.5	ng/ul	768080	4	17.00	1458070	20.0
(DEL) Alkane: Str...	15.97	9.3	ng/ul	679319	4	17.00	1458070	20.0
(DEL) Alkane: Str...	16.76	6.4	ng/ul	468281	4	17.00	1458070	20.0
Dibenzothiophene	16.82	3.7	ng/ul	268484	4	17.00	1458070	20.0
Benzene, 1,1'-eth...	17.22	2.9	ng/ul	214487	4	17.00	1458070	20.0
(DEL) Alkane: Str...	17.50	4.3	ng/ul	316017	4	17.00	1458070	20.0
Phenanthrene, 1-m...	17.92	2.3	ng/ul	169111	4	17.00	1458070	20.0
(DEL) Alkane: Str...	18.19	3.4	ng/ul	247553	4	17.00	1458070	20.0
(DEL) Alkane: Str...	18.83	2.7	ng/ul	194771	4	17.00	1458070	20.0