LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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	297	301	310	rVB	96196	143644	4.17%	0.378%
2	5.628	443	449	452	rBV5	44036	64258	1.86%	0.169%
3	5.951	498	504	516	rBV	153440	269222	7.81%	0.708%
4	6.822	644	652	656	rVB4	26095	61716	1.79%	0.162%
5	7.210	712	718	721	rBV2	88326	137319	3.98%	0.361%
6	7.592	772	783	792	rBV	512344	879186	25.49%	2.312%
7	7.834	817	824	832	rBV4	38652	79856	2.32%	0.210%
8	8.233	885	892	897	rBV5	46031	95193	2.76%	0.250%
9	8.339	904	910	914	rBV7	31777	58227	1.69%	0.153%
10	8.804	985	989	998	rVB	181773	271074	7.86%	0.713%
11	9.486	1099	1105	1110	rVB9	22386	52820	1.53%	0.139%
12	9.792	1149	1157	1161	rBV6	44319	93232	2.70%	0.245%
13	10.057	1195	1202	1212	rVB9	18532	63602	1.84%	0.167%
14	10.363	1243	1254	1259	rVV2	640031	1546940	44.86%	4.068%
15	10.416	1259	1263	1270	rVV	242225	413249	11.98%	1.087%
16	10.486	1270	1275	1278	rVV7	33099	55860	1.62%	0.147%
17	10.522	1278	1281	1289	rVB3	74343	127882	3.71%	0.336%
18	10.657	1299	1304	1313	rVB9	29277	61840	1.79%	0.163%
19	11.057	1362	1372	1376	rBV10	32484	79276	2.30%	0.208%
20	11.198	1390	1396	1399	rBV5	36533	59387	1.72%	0.156%
21	11.274	1404	1409	1416	rVB6	71965	135488	3.93%	0.356%
22	11.386	1423	1428	1433	rBV3	136085	233686	6.78%	0.615%
23	11.469	1438	1442	1447	rVB4	58135	95779	2.78%	0.252%
24	11.792	1488	1497	1502	rBV	448874	690949	20.04%	1.817%
25	12.039	1533	1539	1547	rVB	282985	486414	14.10%	1.279%
26	12.257	1567	1576	1585	rVV	180306	365074	10.59%	0.960%
27	12.439	1601	1607	1611	rBV7	40320	84291	2.44%	0.222%
28	12.498	1611	1617	1623	rVV5	53108	136979	3.97%	0.360%
29	12.557	1623	1627	1634	rVV8	39531	91820	2.66%	0.241%
30	12.627	1634	1639	1649	rVV2	84083	157135	4.56%	0.413%
31	12.710	1649	1653	1659	rVV6	64320	114698	3.33%	0.302%
32	12.763	1659	1662	1668	rVV2	153652	234738	6.81%	0.617%
33	13.063	1705	1713	1720	rVV2	663527	994061	28.82%	2.614%
34	13.268	1744	1748	1750	rBV	65139	88832	2.58%	0.234%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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	13.410	1765	1772	1782	rBV4	131865	368424	10.68%	0.969%
36	13.557	1791	1797	1802	rBV	208995	403850	11.71%	1.062%
37	13.616	1802	1807	1810	rVV2	94848	144202	4.18%	0.379%
38	13.727	1818	1826	1829	rVV4	227557	357539	10.37%	0.940%
39	13.768	1829	1833	1836	rVV2	90077	127582	3.70%	0.336%
40	13.798	1836	1838	1841	rVV3	60559	64013	1.86%	0.168%
41	13.845	1841	1846	1849	rVB4	47178	69259	2.01%	0.182%
42	13.933	1858	1861	1864	rBV2	63004	85259	2.47%	0.224%
43	13.968	1864	1867	1871	rVB3	48022	64227	1.86%	0.169%
44	14.063	1879	1883	1891	rVB10	47113	84171	2.44%	0.221%
45	14.145	1891	1897	1902	rBV	793299	1052052	30.51%	2.767%
46	14.239	1902	1913	1920	rBV3	990723	2273763	65.93%	5.980%
47	14.304	1920	1924	1933	rVV	265065	432510	12.54%	1.137%
48	14.386	1934	1938	1945	rVB5	96221	156865	4.55%	0.413%
49	14.457	1945	1950	1959	rVB3	86266	239006	6.93%	0.629%
50	14.539	1959	1964	1967	rBV6	37821	74784	2.17%	0.197%
51	14.604	1970	1975	1978	rBV5	74593	153303	4.45%	0.403%
52	14.651	1979	1983	1989	rVB	289310	410356	11.90%	1.079%
53	14.727	1990	1996	2000	rVB3	76092	139577	4.05%	0.367%
54	14.774	2000	2004	2008	rBV4	145744	230303	6.68%	0.606%
55	14.886	2017	2023	2027	rBV4	126813	251241	7.29%	0.661%
56	15.015	2040	2045	2052	rBV8	71398	192493	5.58%	0.506%
57	15.104	2052	2060	2065	rVB	766568	972869	28.21%	2.558%
58	15.239	2080	2083	2088	rVB3	79972	109672	3.18%	0.288%
59	15.298	2088	2093	2097	rBV	241401	348520	10.11%	0.917%
60	15.351	2098	2102	2108	rVB5	58386	101516	2.94%	0.267%
61	15.415	2109	2113	2118	rVB7	40028	62278	1.81%	0.164%
62	15.515	2124	2130	2134	rBV2	212592	332630	9.65%	0.875%
63	15.604	2141	2145	2152	rVB7	99523	186598	5.41%	0.491%
64	15.668	2152	2156	2159	rBV3	77861	127521	3.70%	0.335%
65	15.715	2159	2164	2175	rVB	652751	993482	28.81%	2.613%
66	15.809	2176	2180	2184	rBV7	45177	69226	2.01%	0.182%
67	15.968	2202	2207	2215	rBV	761493	1545559	44.82%	4.065%
68	16.039	2215	2219	2223	rVB2	326821	418979	12.15%	1.102%
69	16.309	2262	2265	2269	rBV5	75662	92609	2.69%	0.244%
70	16.651	2317	2323	2333	rBV	2434831	3448647	100.00%	9.069%
71	16.762	2338	2342	2347	rVV	685943	893980	25.92%	2.351%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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	16.815	2347	2351	2362	rVB2	239222	430088	12.47%	1.131%
73	16.904	2362	2366	2374	rBV2	94219	164145	4.76%	0.432%
74	16.998	2376	2382	2386	rBV	1109319	1586155	45.99%	4.171%
75	17.039	2386	2389	2395	rVV	702805	975731	28.29%	2.566%
76	17.098	2395	2399	2402	rVV	103237	174422	5.06%	0.459%
77	17.133	2402	2405	2410	rVB	115243	163648	4.75%	0.430%
78	17.227	2417	2421	2426	rVB4	120041	208982	6.06%	0.550%
79	17.298	2429	2433	2440	rVB9	50233	91095	2.64%	0.240%
80	17.356	2440	2443	2447	rBV6	41475	53328	1.55%	0.140%
81	17.421	2449	2454	2462	rVV7	78300	203583	5.90%	0.535%
82	17.503	2463	2468	2474	rVV	529936	693466	20.11%	1.824%
83	17.580	2478	2481	2490	rVB8	60967	132256	3.84%	0.348%
84	17.786	2512	2516	2525	rVB8	42797	75739	2.20%	0.199%
85	17.874	2528	2531	2534	rVV	47602	62330	1.81%	0.164%
86	17.927	2534	2540	2546	rVB3	99737	228929	6.64%	0.602%
87	18.009	2550	2554	2558	rBV7	42935	63745	1.85%	0.168%
88	18.068	2560	2564	2567	rBV3	80970	112115	3.25%	0.295%
89	18.192	2581	2585	2594	rVB	422774	529704	15.36%	1.393%
90	18.386	2614	2618	2623	rBV6	35637	59737	1.73%	0.157%
91	18.539	2642	2644	2651	rVB6	42996	63399	1.84%	0.167%
92	18.833	2690	2694	2699	rVB	373858	437387	12.68%	1.150%
93	19.062	2728	2733	2742	rVB	338341	514230	14.91%	1.352%
94	19.421	2786	2794	2804	rBV3	466476	952775	27.63%	2.506%
95	19.956	2881	2885	2889	rVB2	286278	341692	9.91%	0.899%
96	20.450	2966	2969	2973	rBV	214754	239912	6.96%	0.631%
97	20.915	3045	3048	3055	rBV3	180084	228158	6.62%	0.600%
98	21.197	3091	3096	3101	rBV	1394964	1840921	53.38%	4.841%
99	21.356	3120	3123	3127	rVB2	167314	187077	5.42%	0.492%
100	23.391	3463	3469	3476	rVB	856090	1607927	46.62%	4.229%

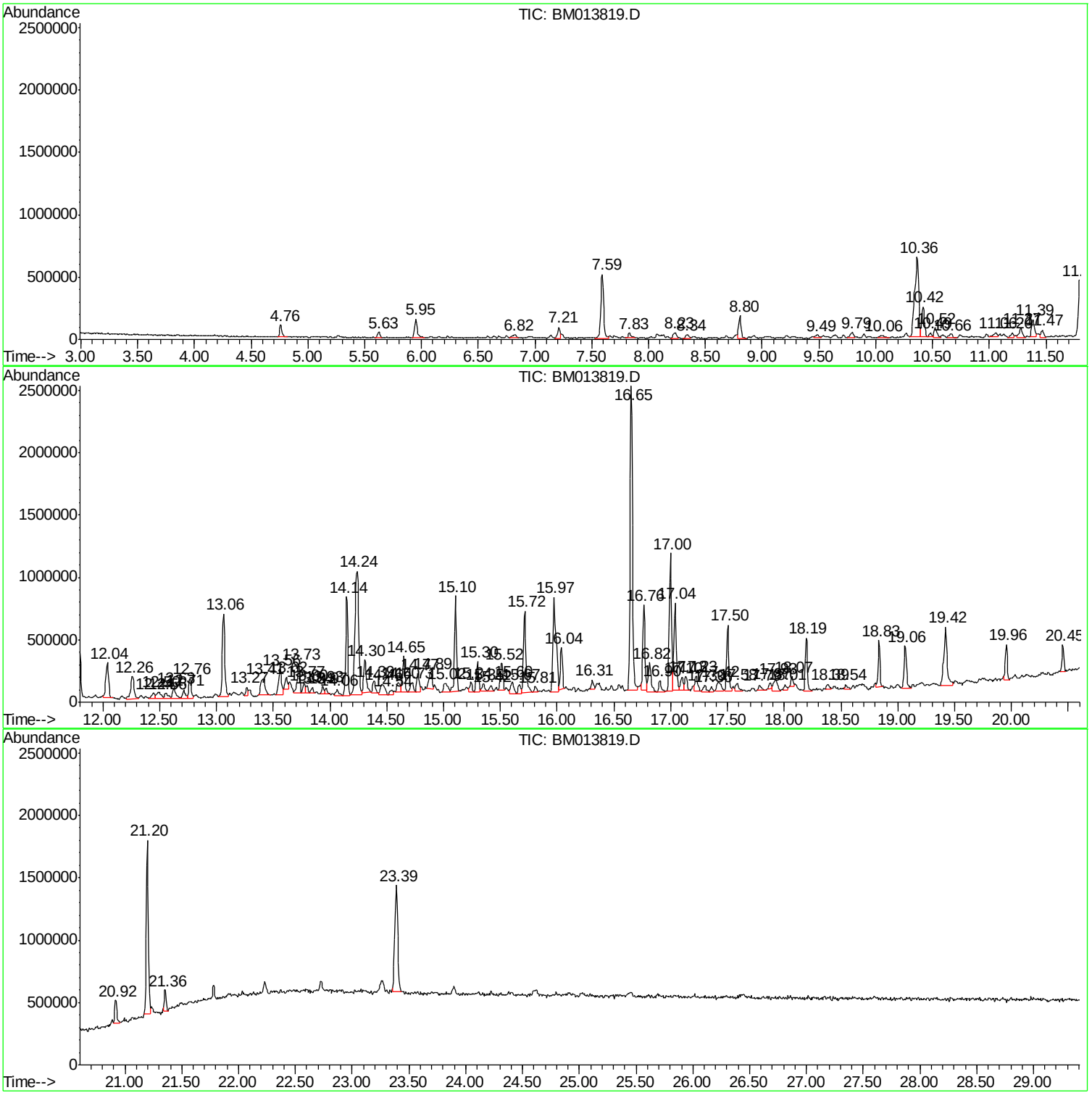
Sum of corrected areas: 38025268

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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\BM012518\
Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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

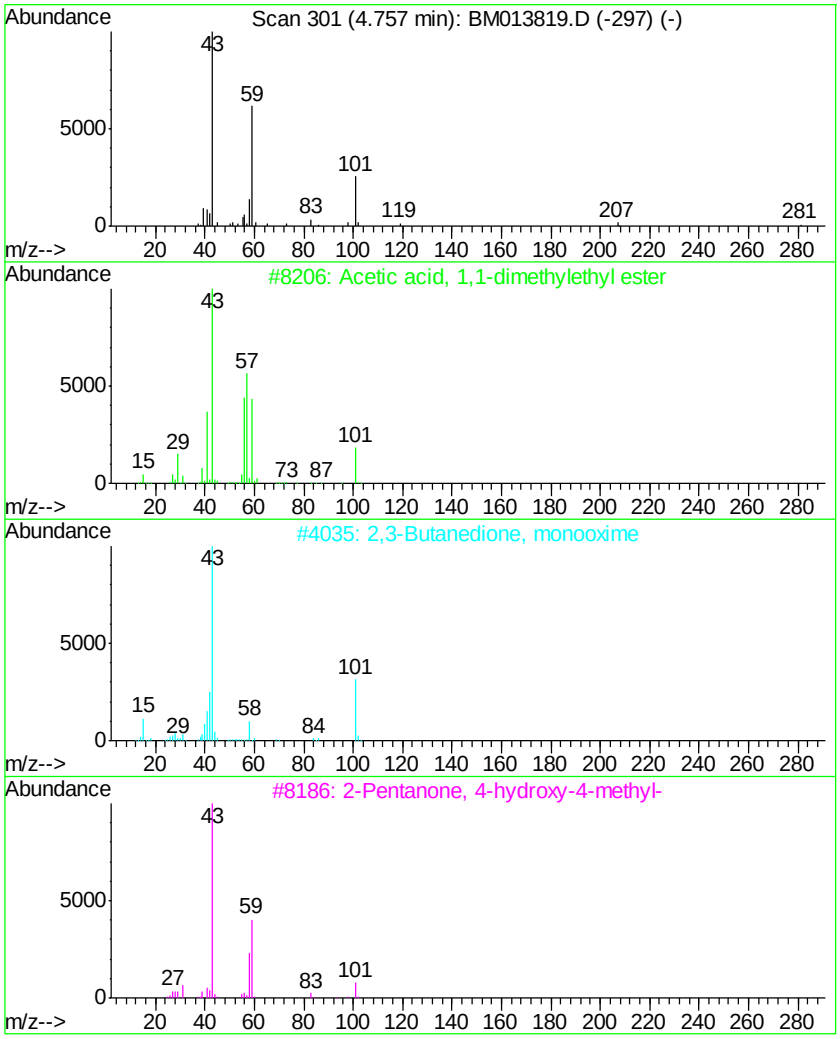
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

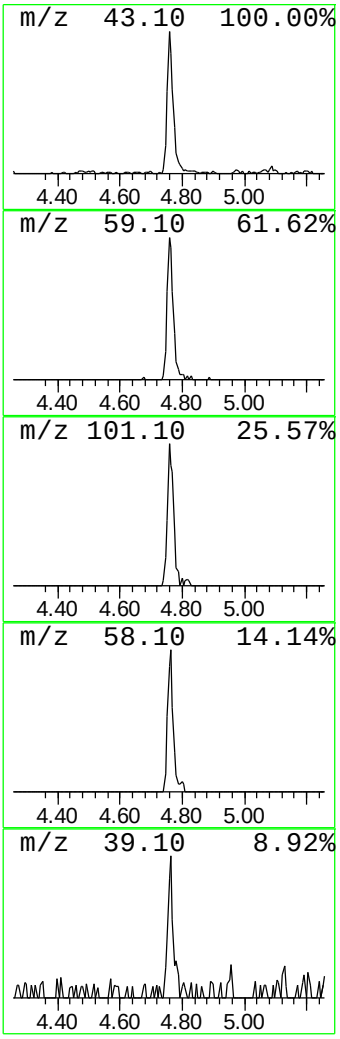
****

Peak Number 1 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	3.27 ng/ul	143644	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	37
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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

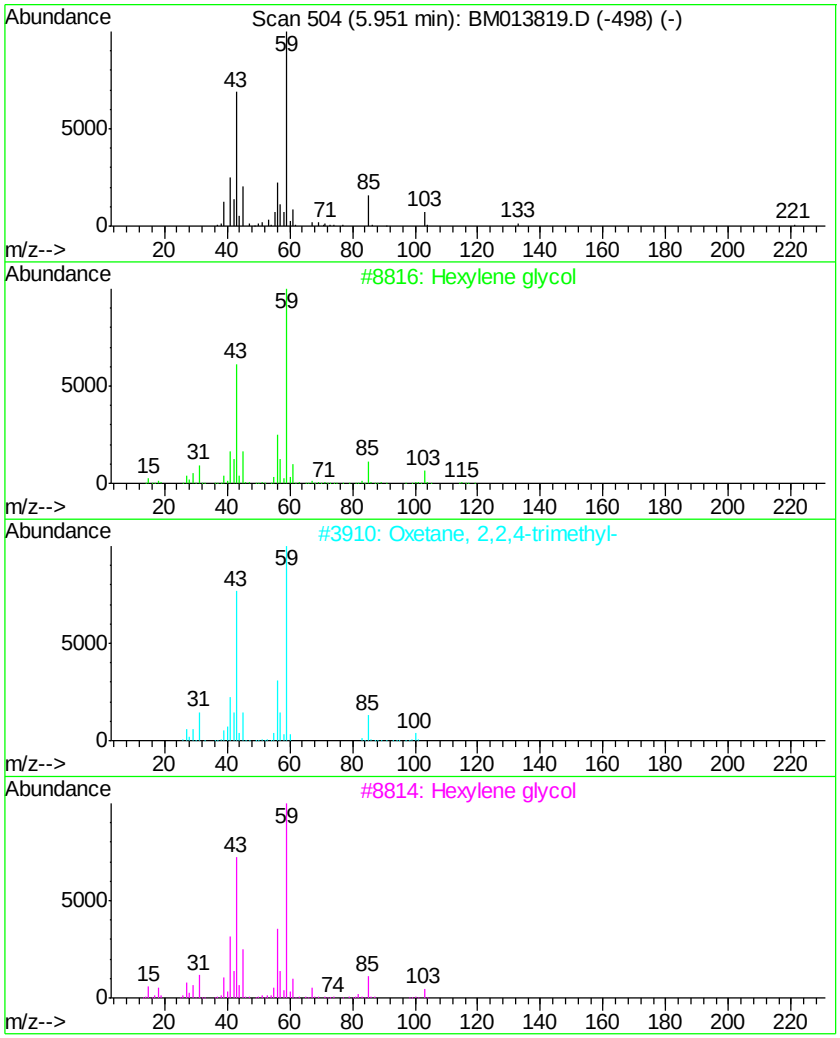
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

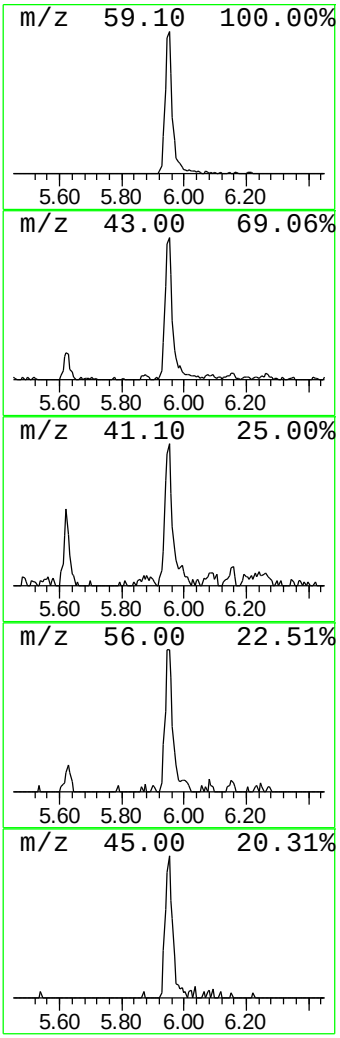
****

Peak Number 2 Hexylene glycol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	6.12 ng/ul	269222	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene glycol	118	C6H14O2	000107-41-5	78
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	72
3	Hexylene glycol	118	C6H14O2	000107-41-5	56
4	Hexylene glycol	118	C6H14O2	000107-41-5	53
5	Hexylene glycol	118	C6H14O2	000107-41-5	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

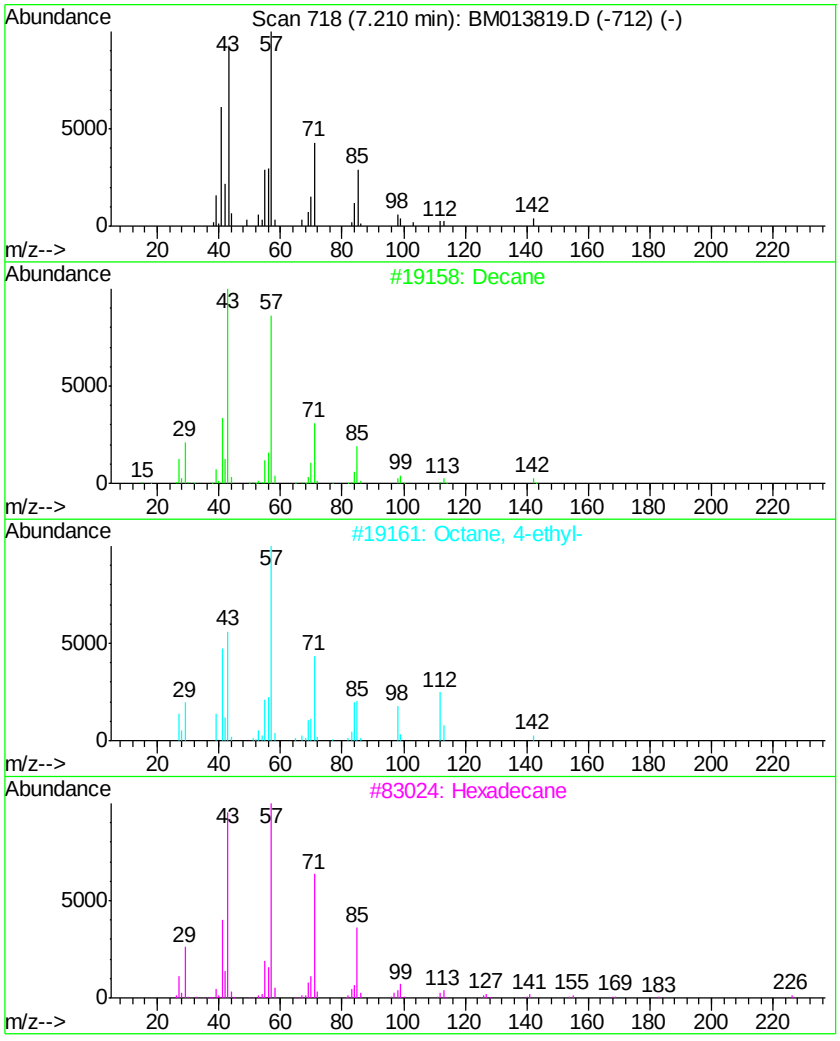
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

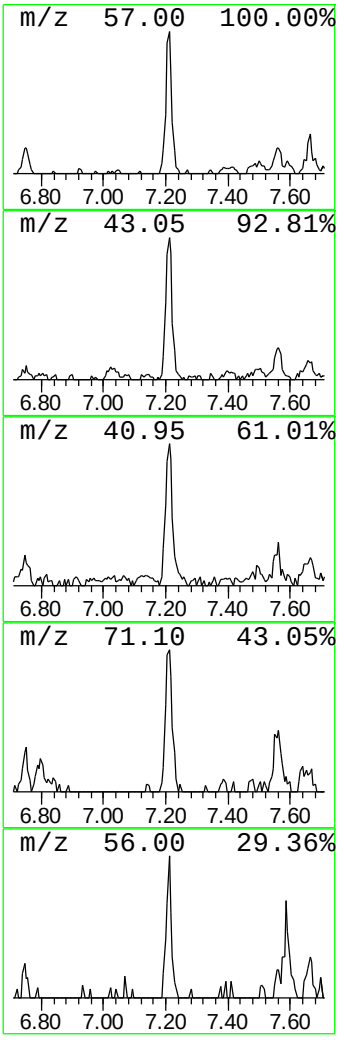
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	3.12 ng/ul	137319	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	72
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	72
3	Hexadecane	226	C16H34	000544-76-3	64
4	Undecane	156	C11H24	001120-21-4	53
5	Decane, 2-methyl-	156	C11H24	006975-98-0	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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

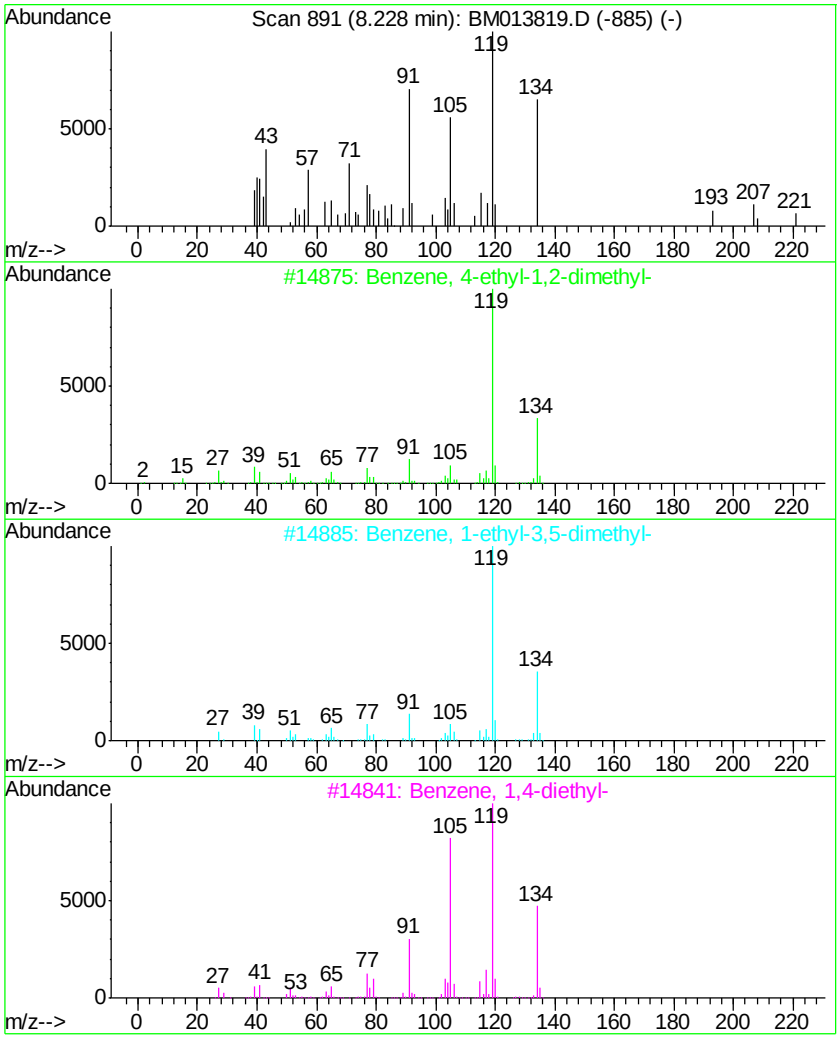
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

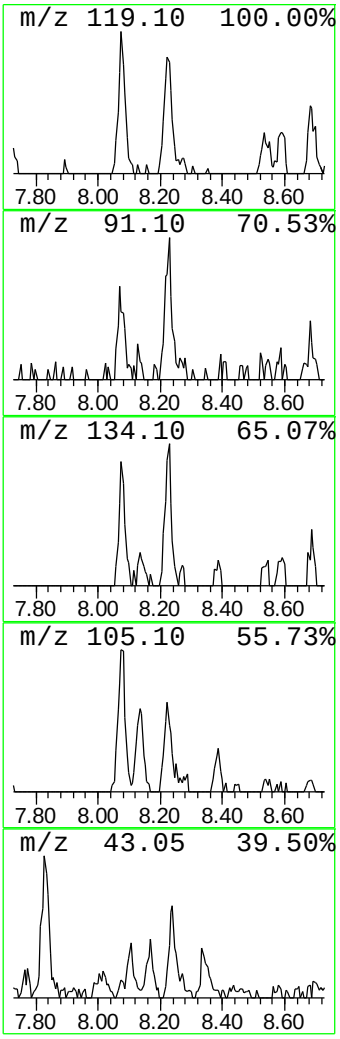
****

Peak Number 4 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	2.17 ng/ul	95193	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	35
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	30
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	30
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	30





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

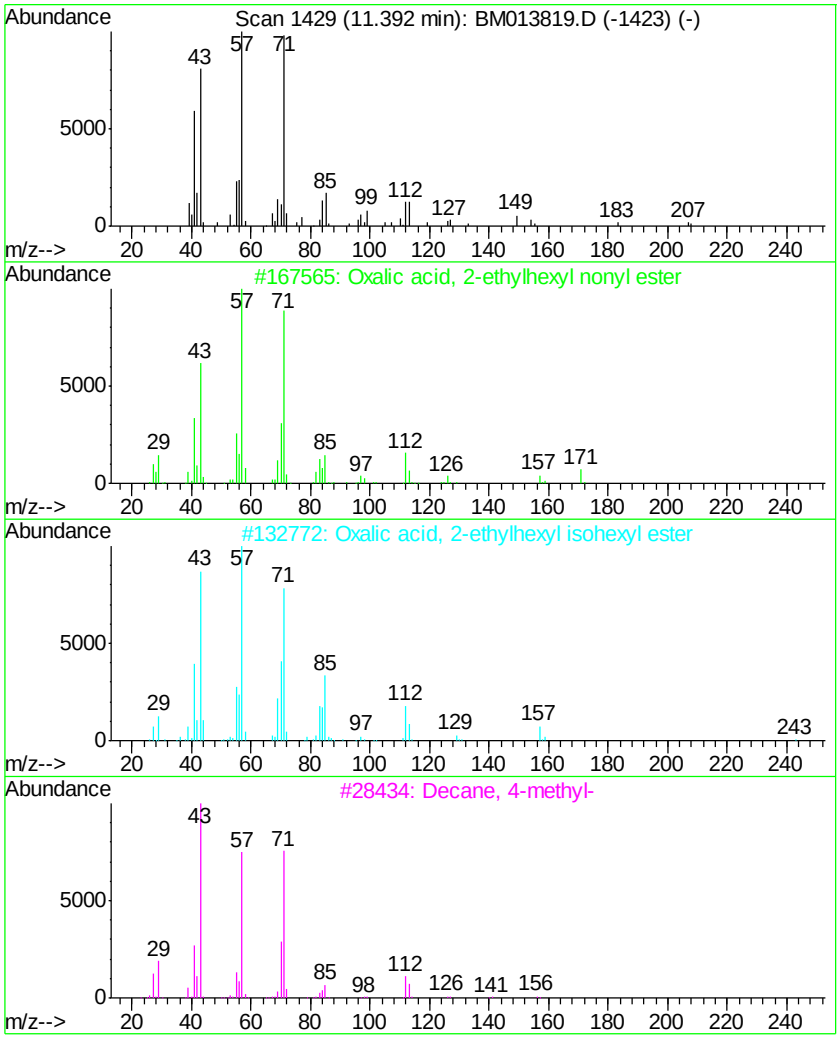
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

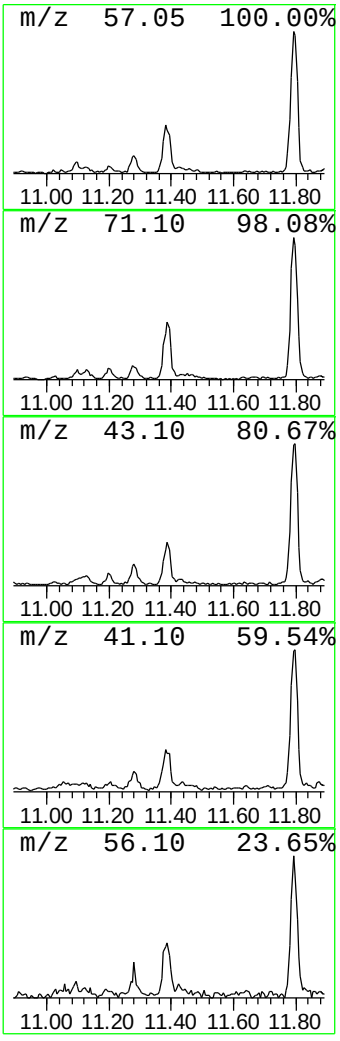
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Oxalic acid, 2-ethylhexyl n... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	3.02 ng/ul	233686	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	72
2	Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	72
3	Decane, 4-methyl-	156	C11H24	002847-72-5	64
4	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	64
5	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64





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Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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

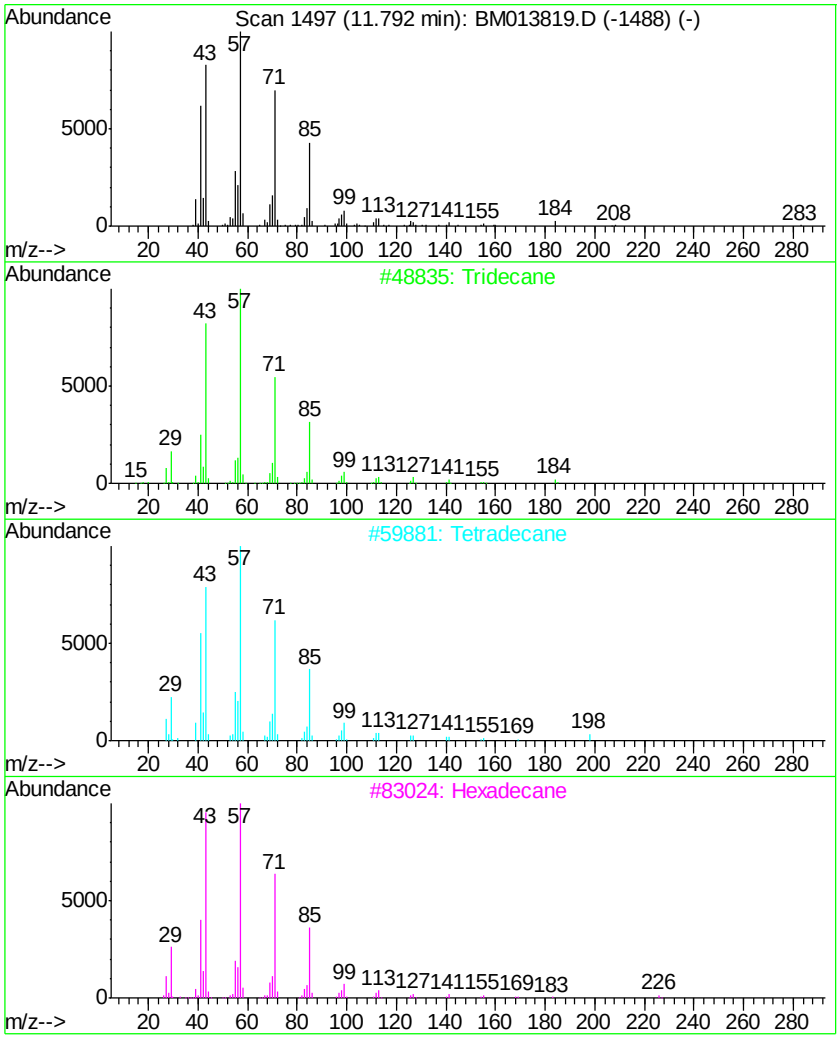
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

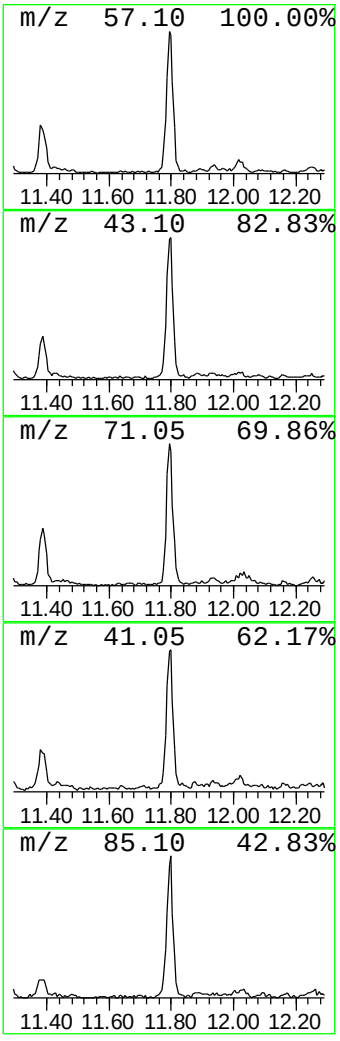
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	8.93 ng/ul	690949	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Dodecane	170	C12H26	000112-40-3	90
5	Hexadecane	226	C16H34	000544-76-3	90





Library Search Compound Report

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Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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

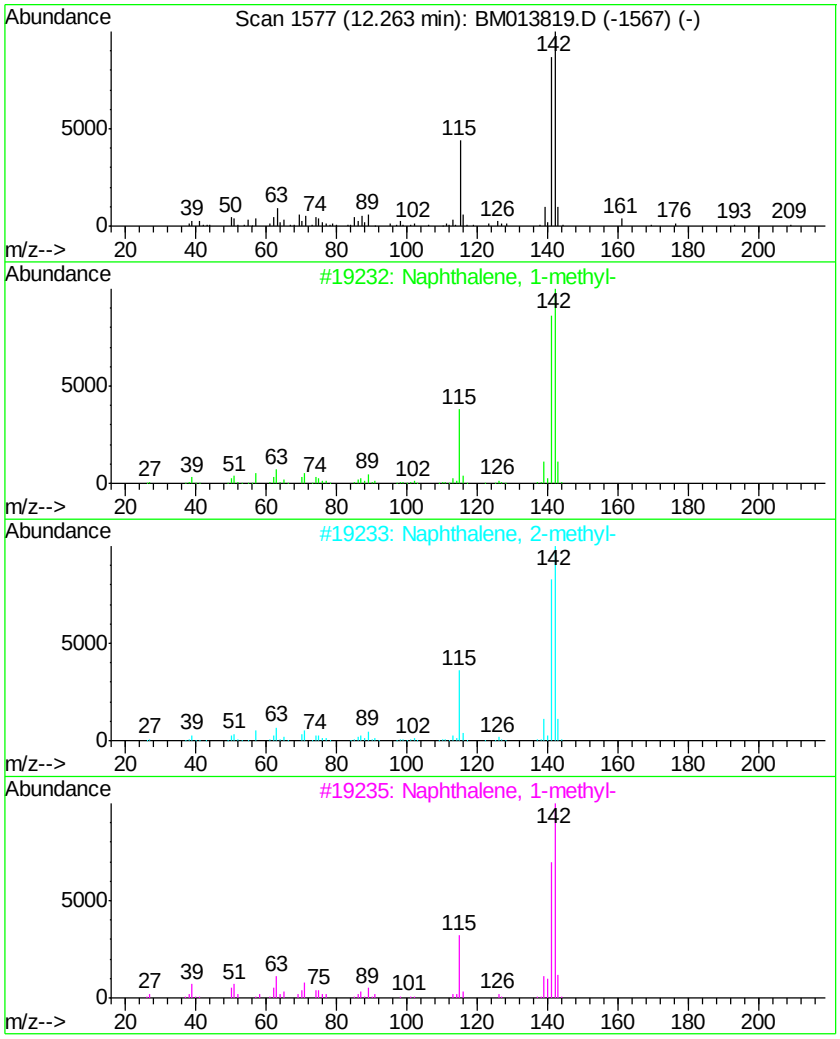
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

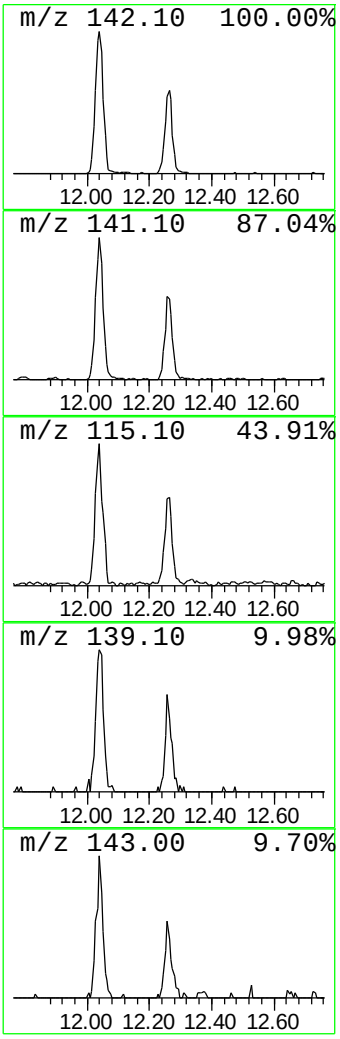
****

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	4.72 ng/ul	365074	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





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Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

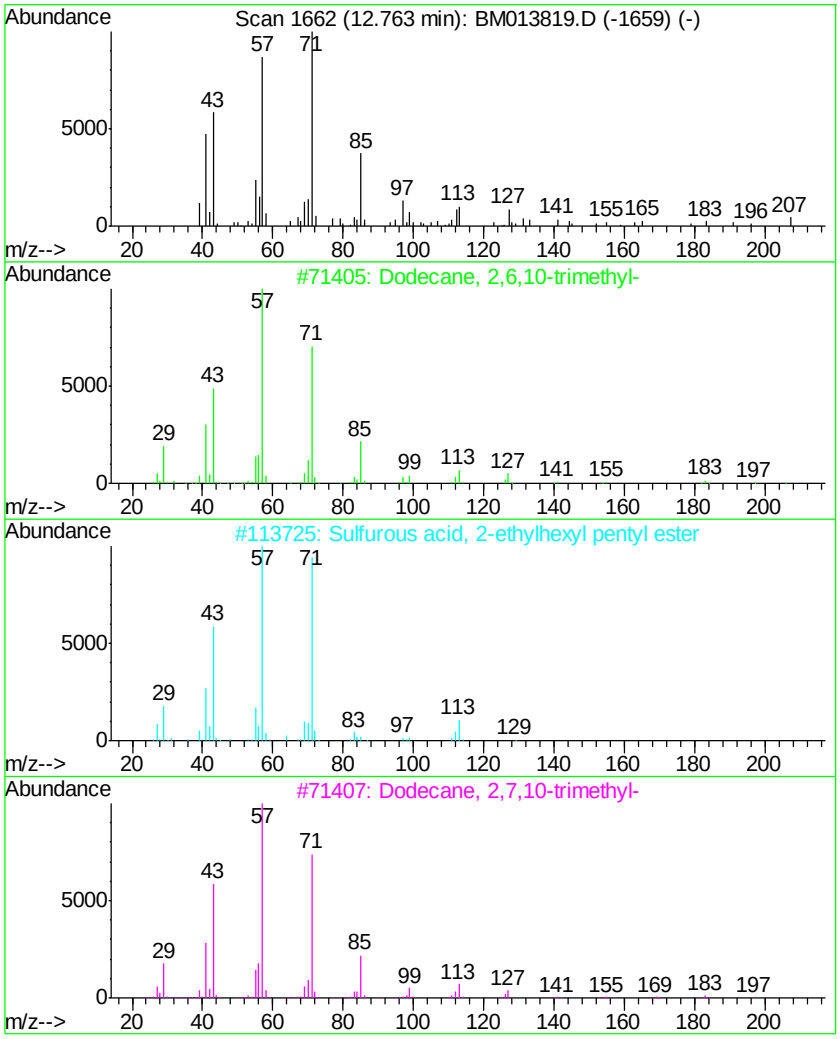
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

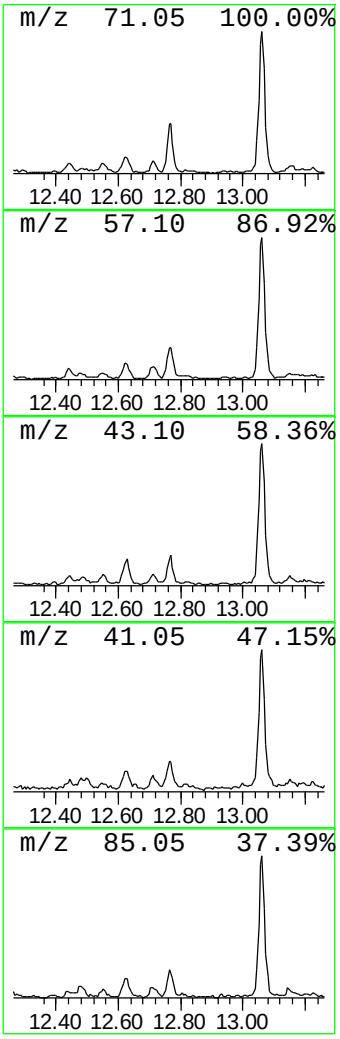
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	2.06 ng/ul	234738	Acenaphthene-d10	14.24

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 pen...	264	C13H28O3S	1000309-18-9	53
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52
4	l-Threitol, 2-O-nonyl-	248	C13H28O4	163776-15-6	50
5	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	50





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Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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

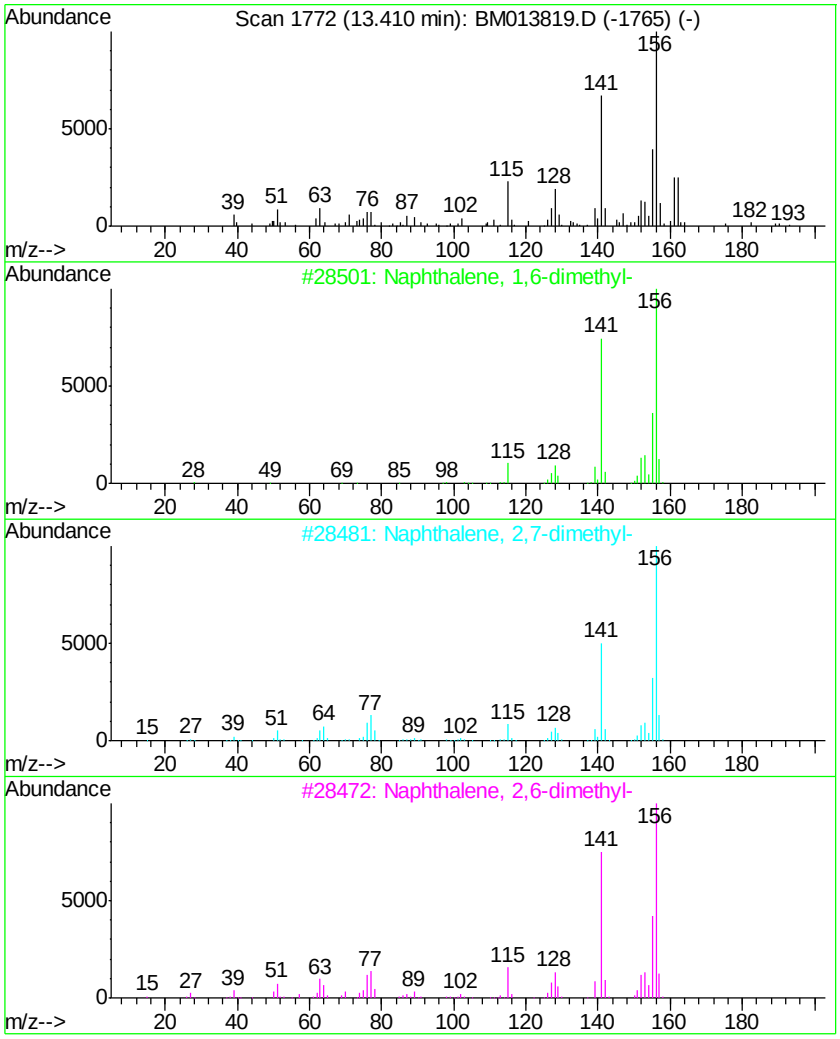
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

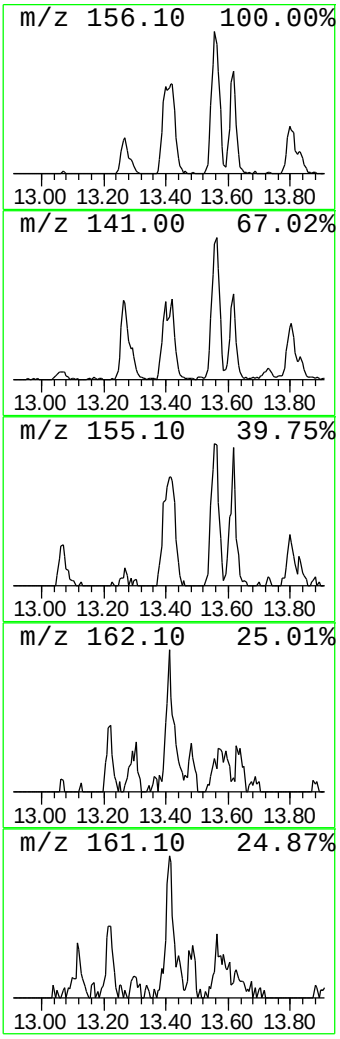
****

Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	3.24 ng/ul	368424	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90





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Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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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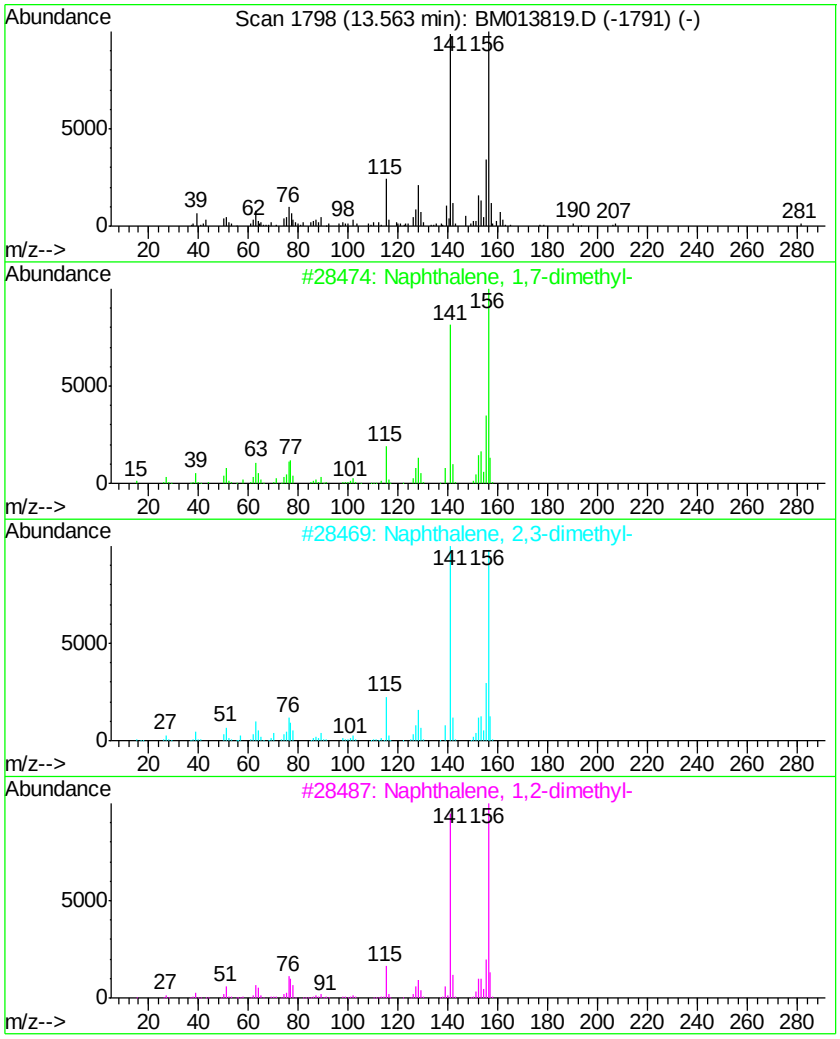
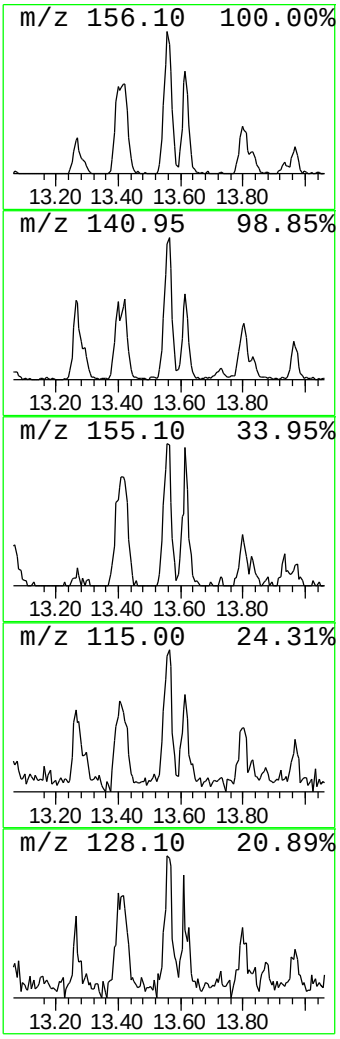
Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	3.55 ng/ul	403850	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94





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Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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

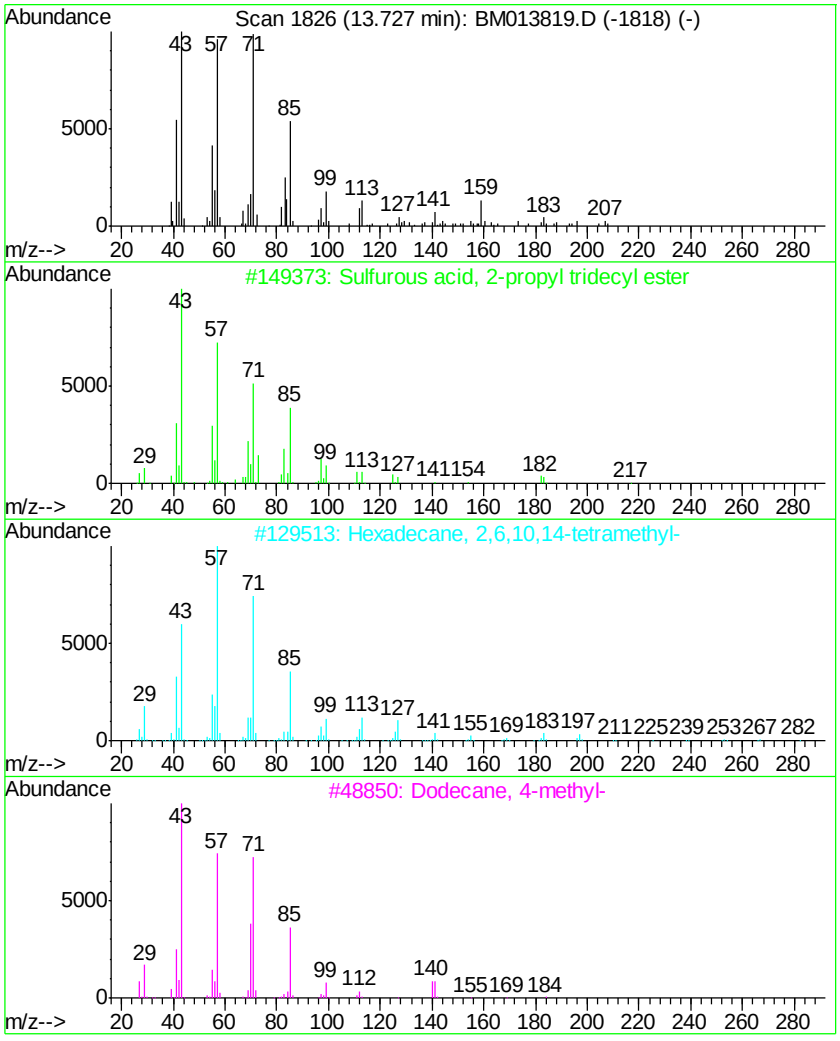
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

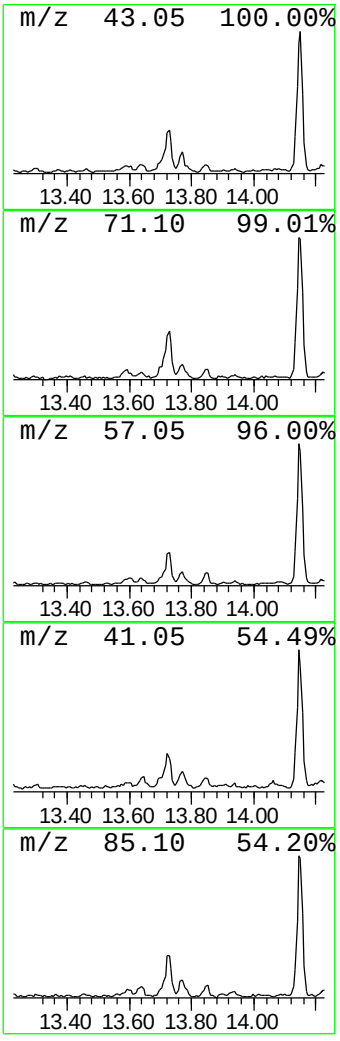
****

Peak Number 11 Sulfurous acid, 2-propyl tr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.14 ng/ul	357539	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	80
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58





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Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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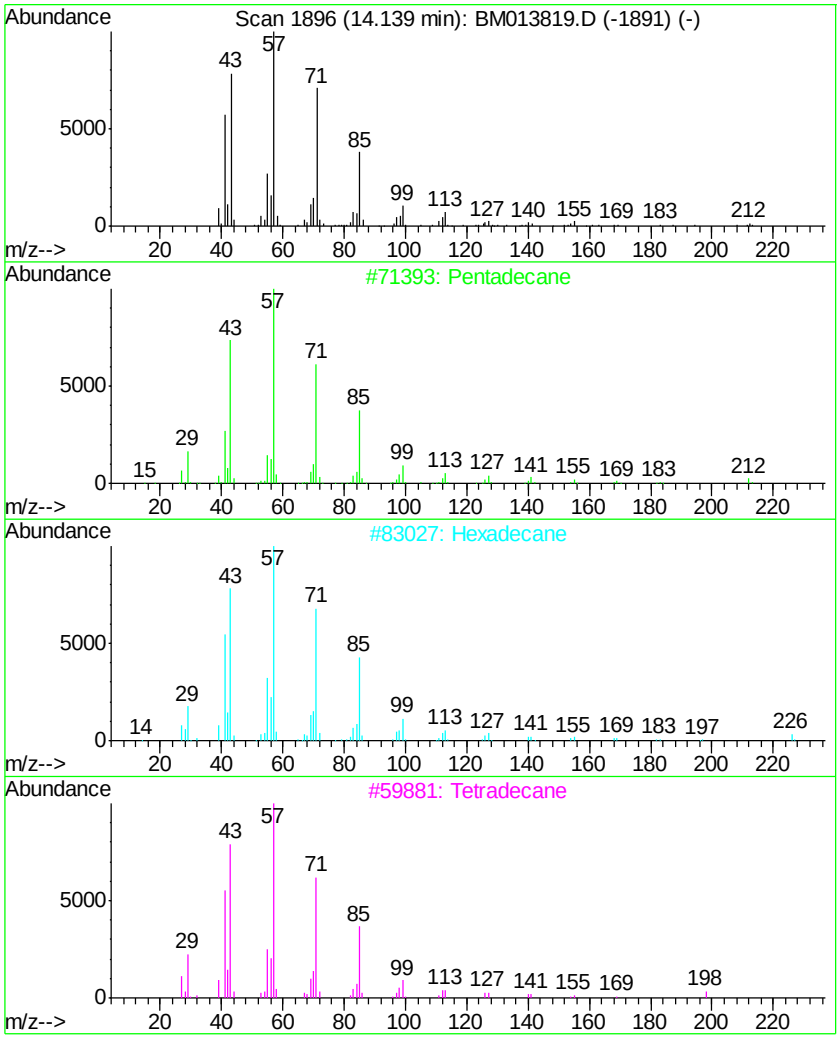
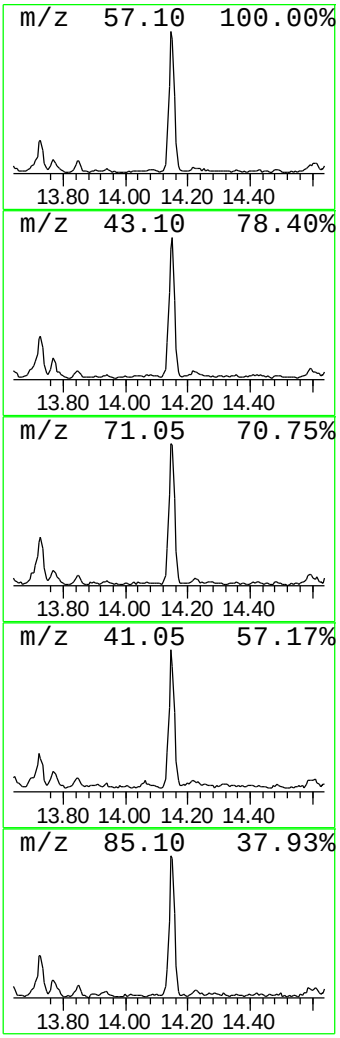
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	9.25 ng/ul	1052050	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Nonadecane	268	C19H40	000629-92-5	90





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Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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

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

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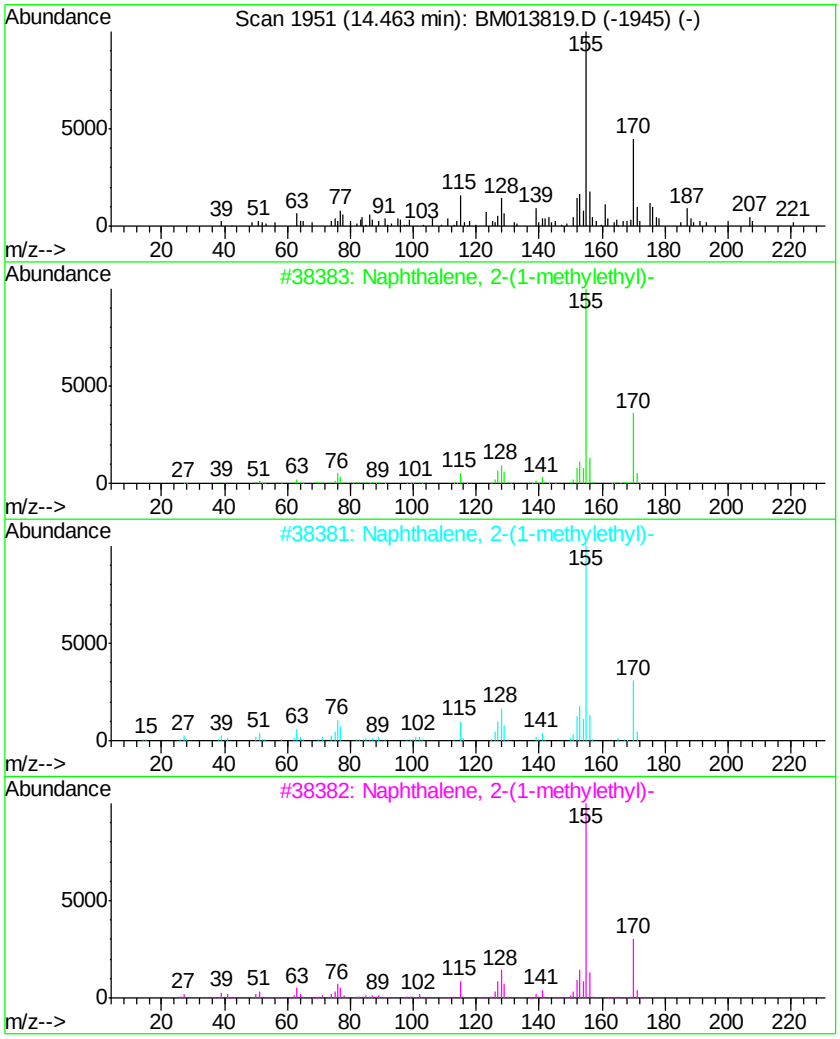
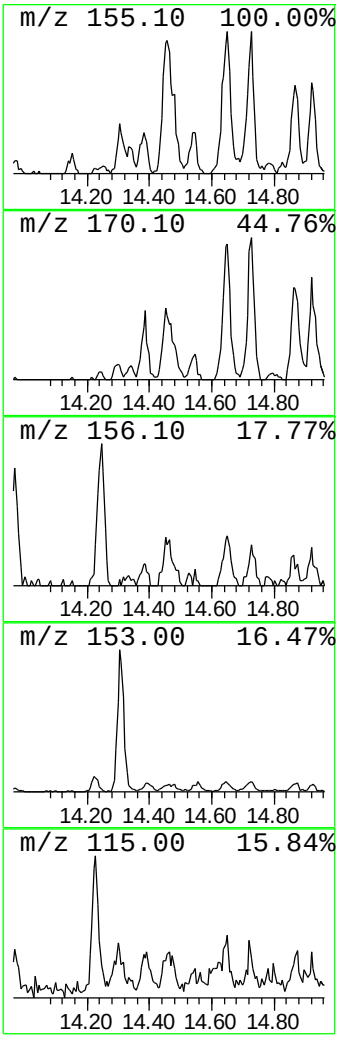
Peak Number 13 Naphthalene, 2-(1-methyleth... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.10 ng/ul	239006	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	80
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	74
4	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	72
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	72





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Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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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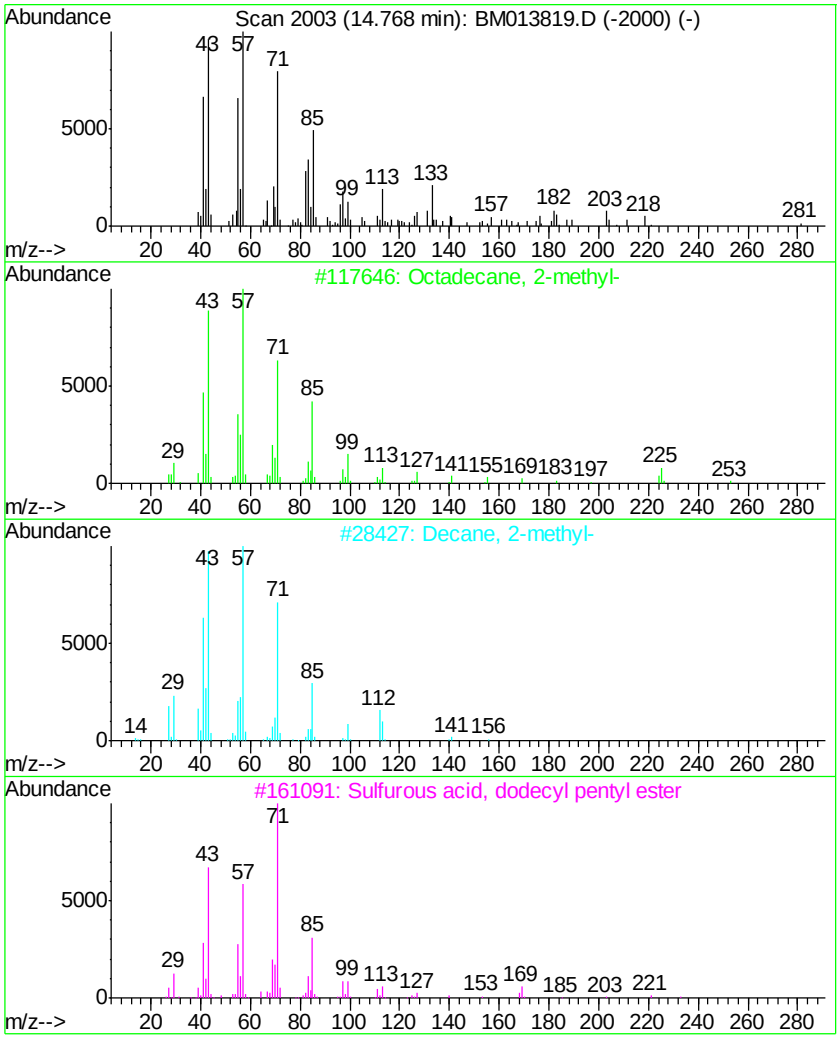
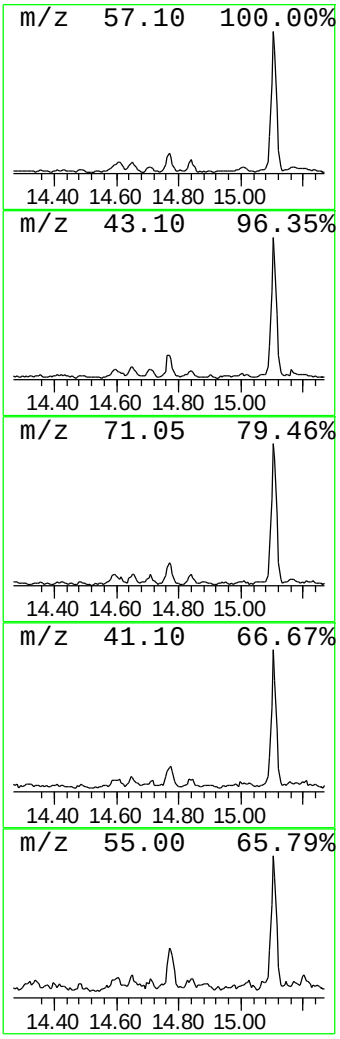
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.03 ng/ul	230303	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	41
2	Decane, 2-methyl-	156	C11H24	006975-98-0	38
3	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	35
4	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	35
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	35





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Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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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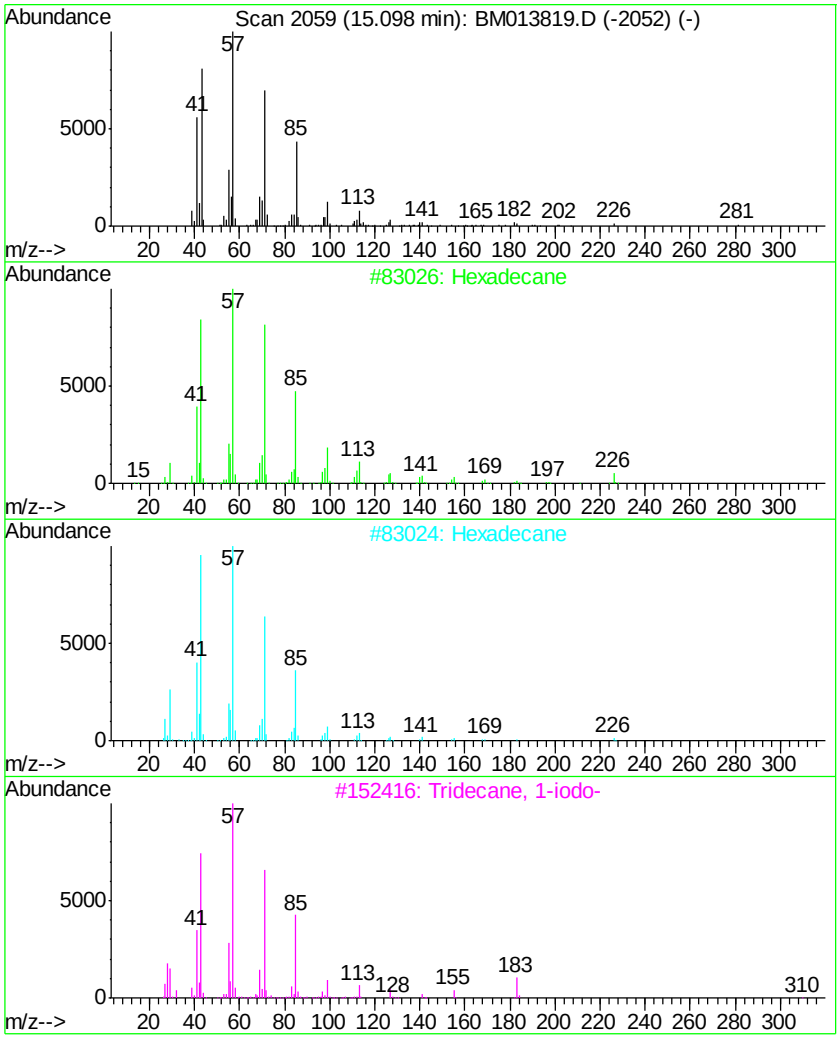
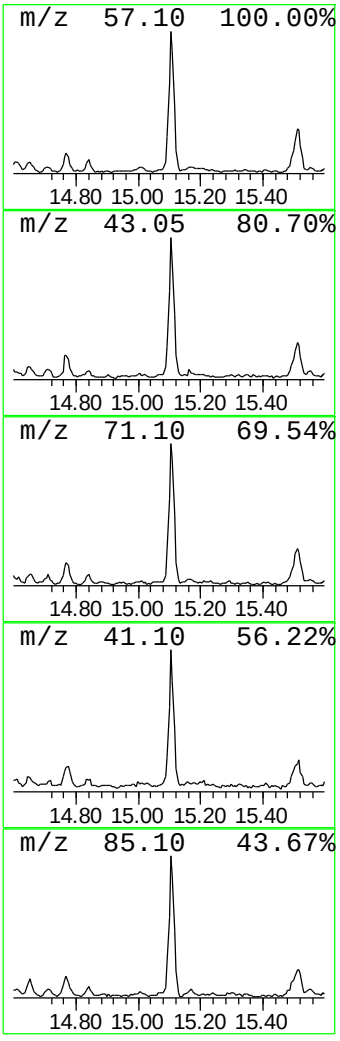
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	8.56 ng/ul	972869	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexadecane	226	C16H34	000544-76-3	94
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Pentadecane	212	C15H32	000629-62-9	90





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Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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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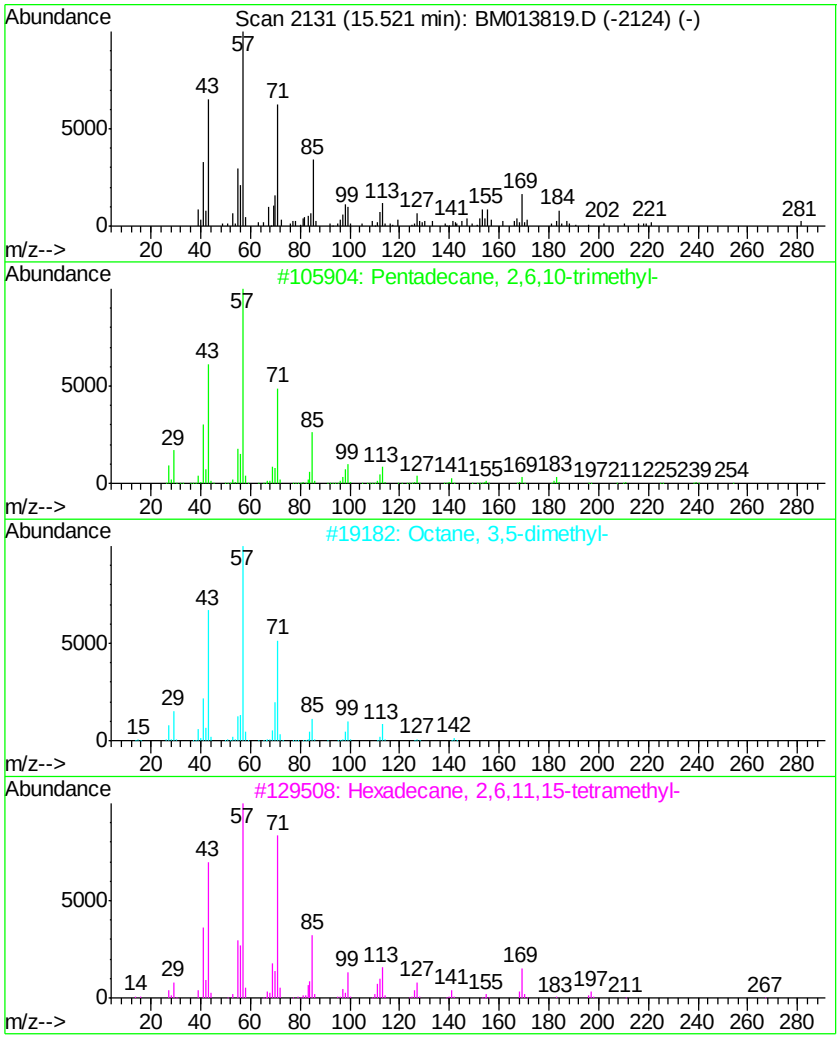
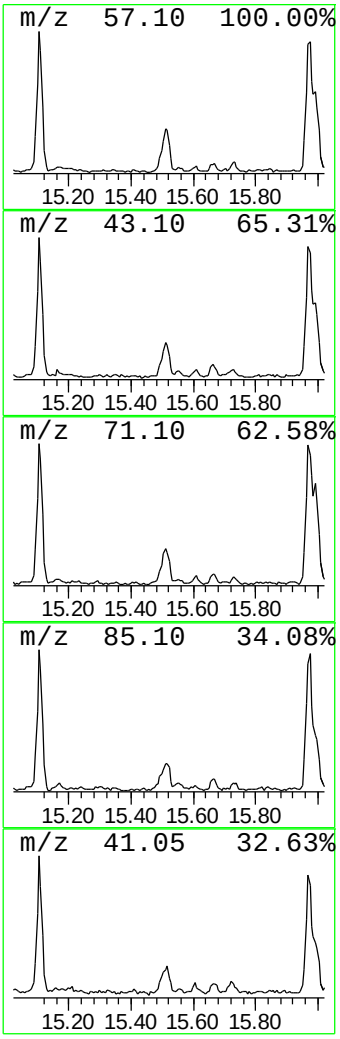
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	2.93 ng/ul	332630	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	70
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	68
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64
5	Decane, 2-methyl-	156	C11H24	006975-98-0	62





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Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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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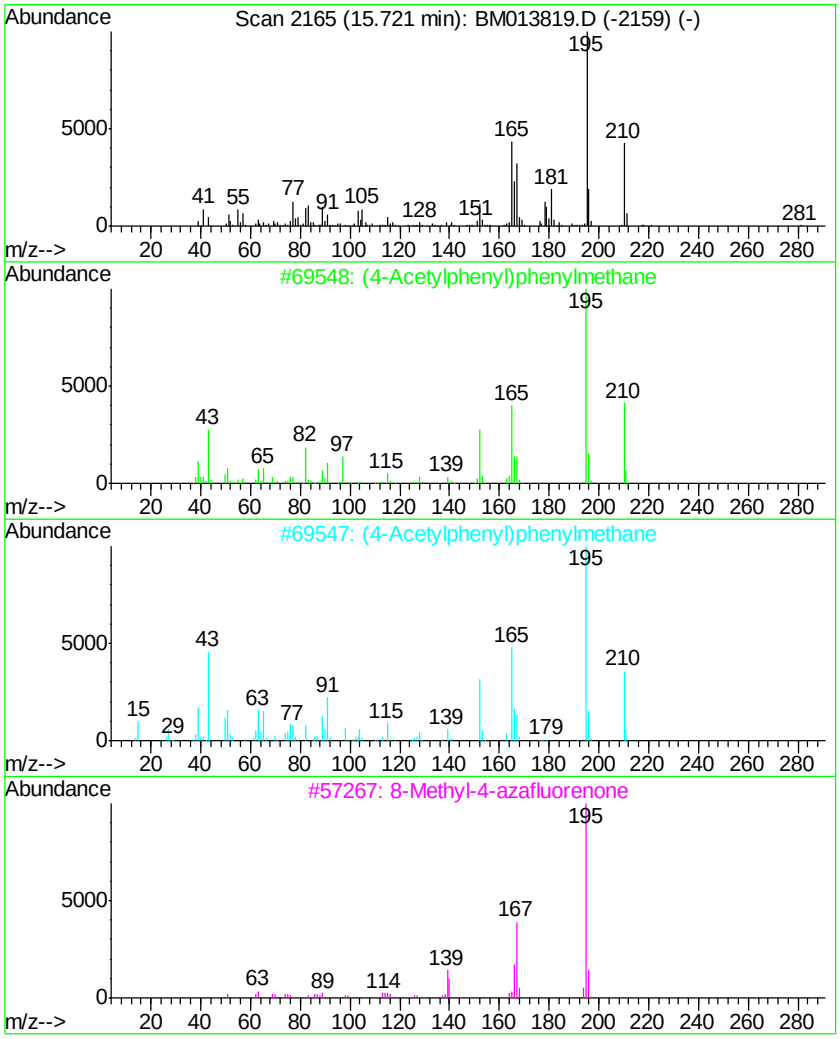
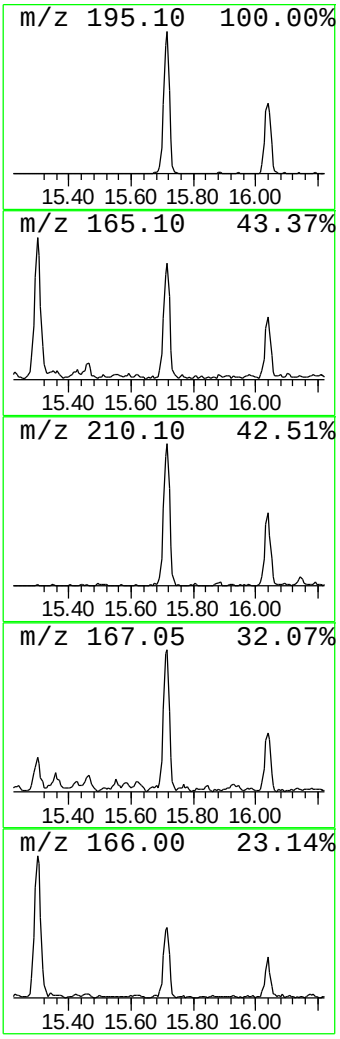
Peak Number 17 (4-Acetylphenyl)phenylmethane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	12.53 ng/ul	993482	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	68
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	62
3	8-Methyl-4-azafluorenone	195	C13H9NO	064292-03-1	52
4	2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	52
5	3H-Pyrrolo[3,2-H]quinoline, 2,3,...	210	C14H14N2	083958-38-7	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

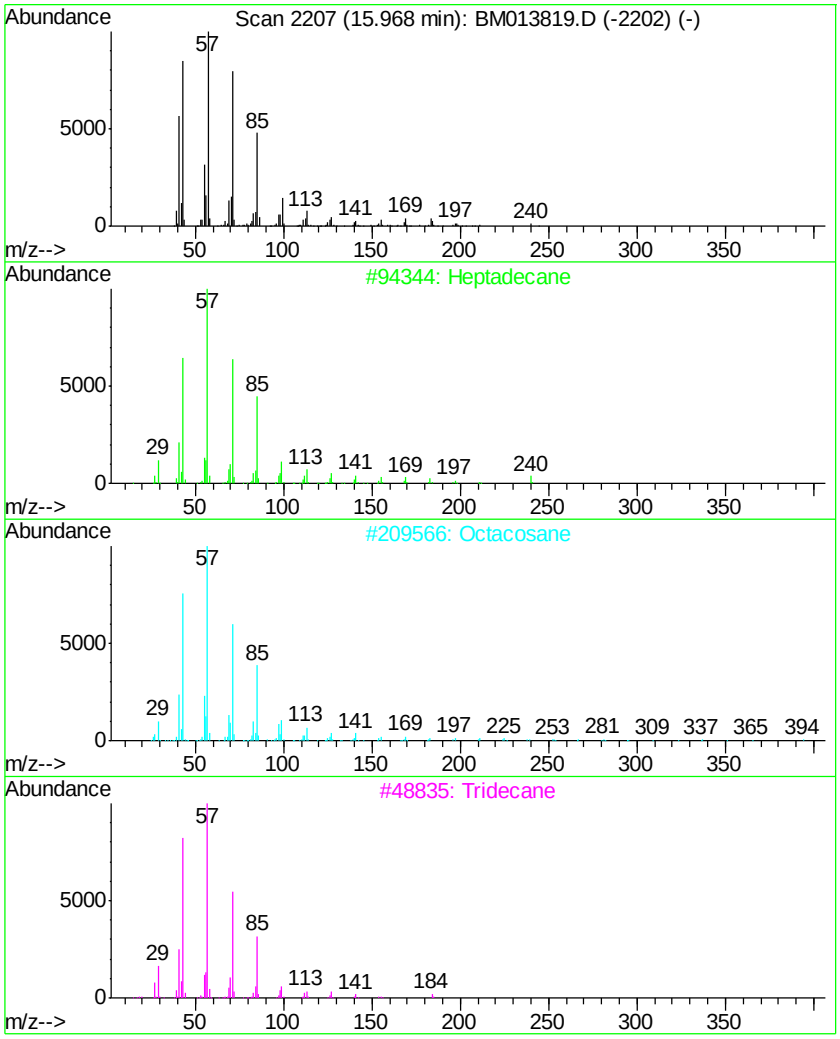
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

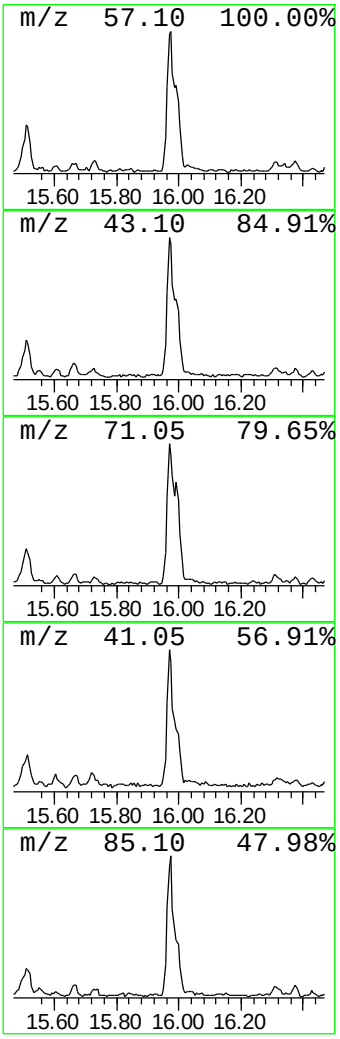
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	19.49 ng/ul	1545560	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Tridecane	184	C13H28	000629-50-5	89
4	Tetradecane	198	C14H30	000629-59-4	87
5	Heptadecane	240	C17H36	000629-78-7	87





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Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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

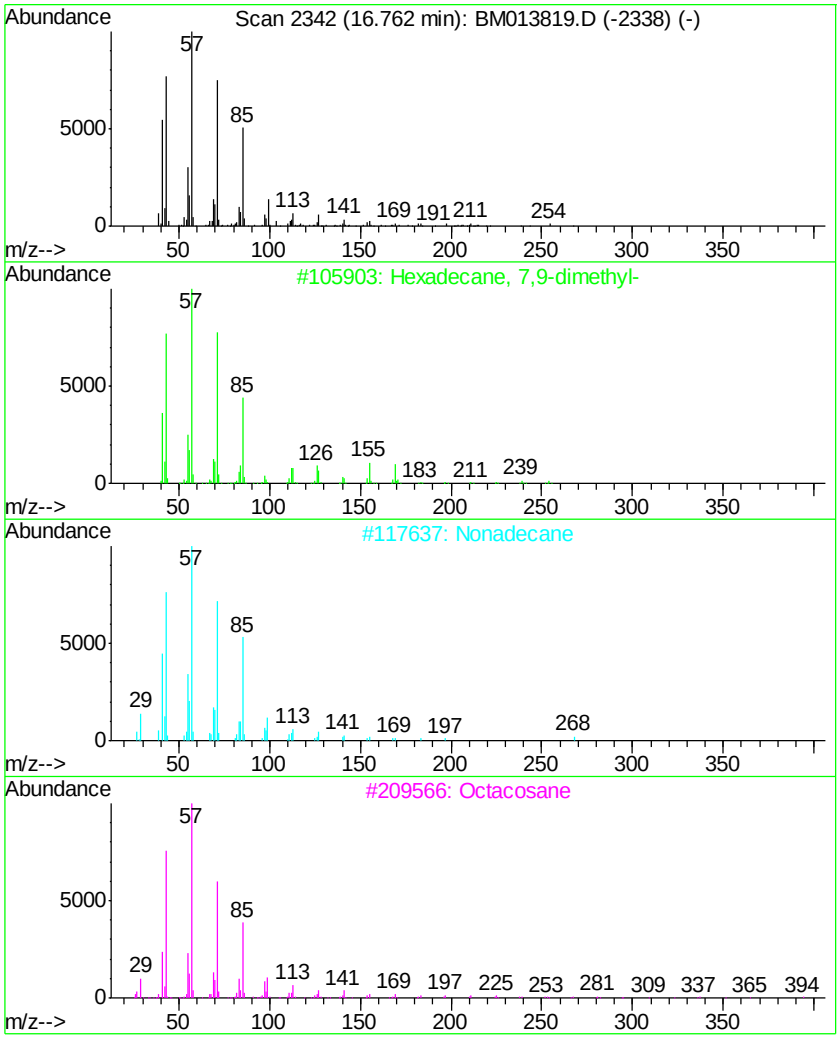
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

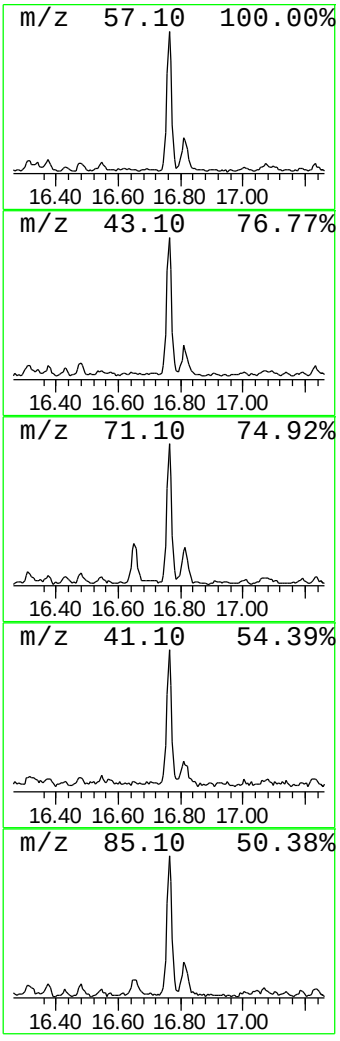
****

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	11.27 ng/ul	893980	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Eicosane	282	C20H42	000112-95-8	91





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Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

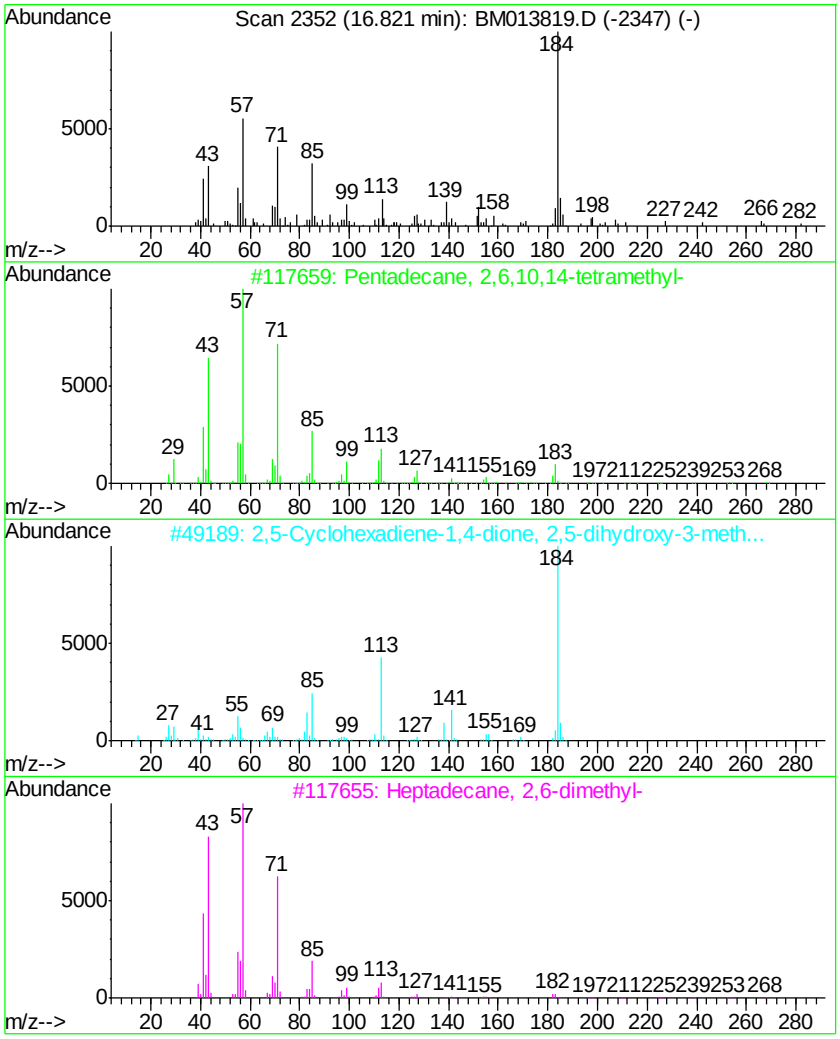
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

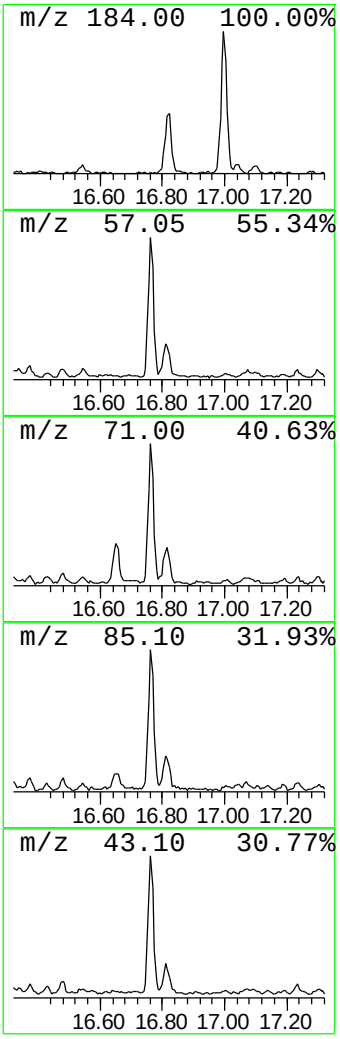
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	5.42 ng/ul	430088	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
2	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	60
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	50
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	50
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	50





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Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

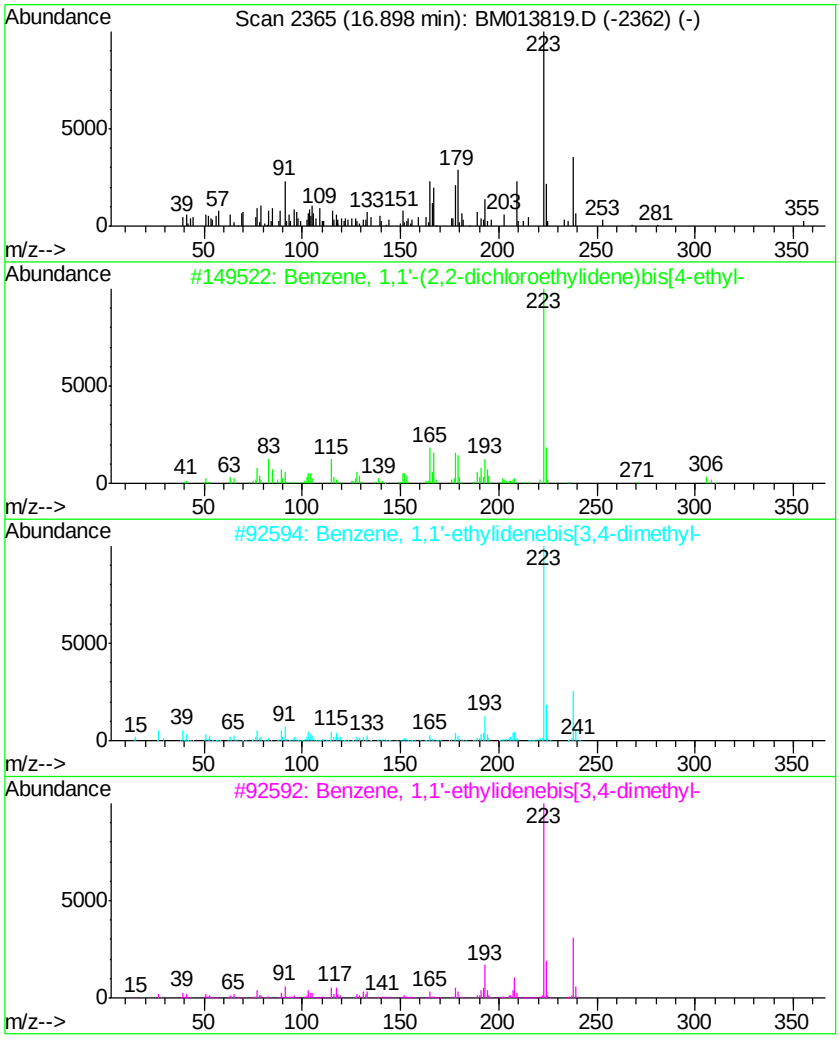
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

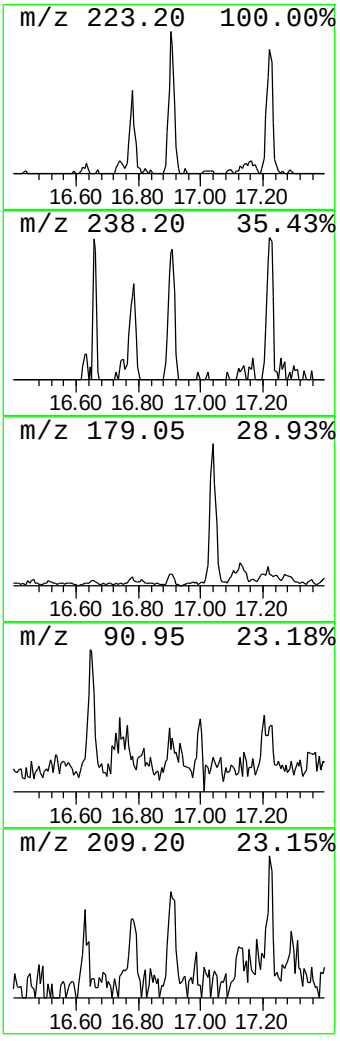
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1,1'-(2,2-dichloro... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	2.07 ng/ul	164145	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(2,2-dichloroethyl...	306	C18H20Cl2	000072-56-0	64
2	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	62
3	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	62
4	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	60
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

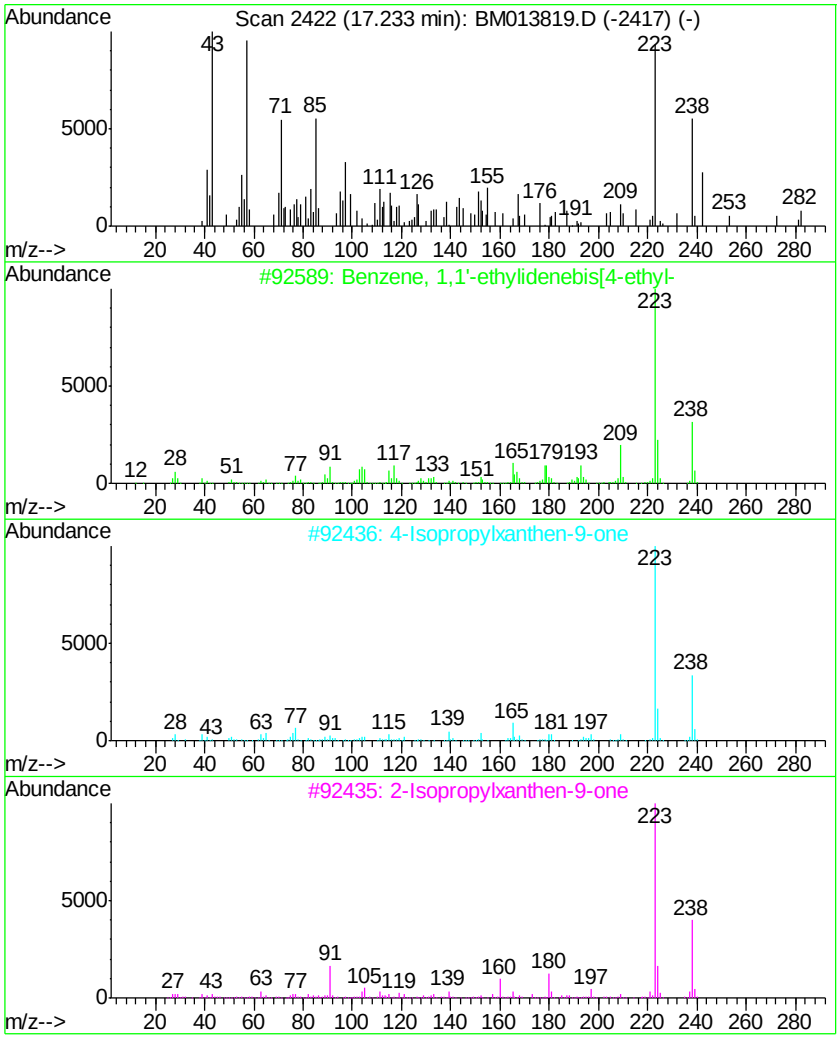
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

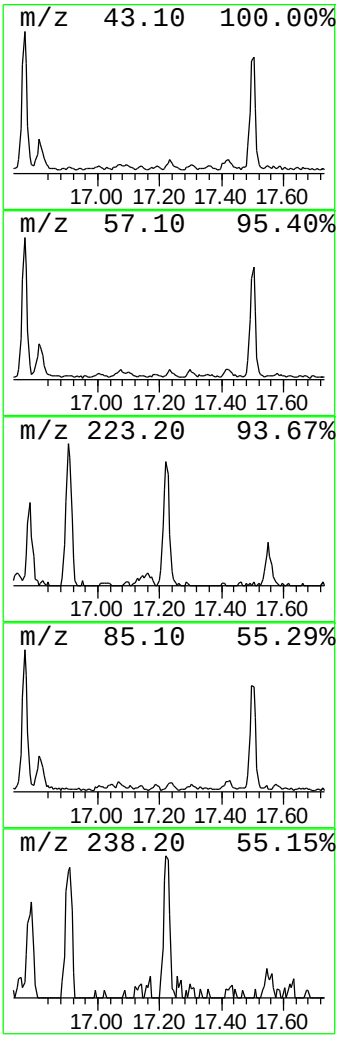
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1,1'-ethylidenebis... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	2.64 ng/ul	208982	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	90
2	4-Isopropylxanthen-9-one	238	C16H14O2	1000210-33-1	52
3	2-Isopropylxanthen-9-one	238	C16H14O2	069737-66-2	49
4	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	49
5	Cyclopent[a]indene, 3,8-dihydro-...	238	C18H22	017384-72-4	46





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Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

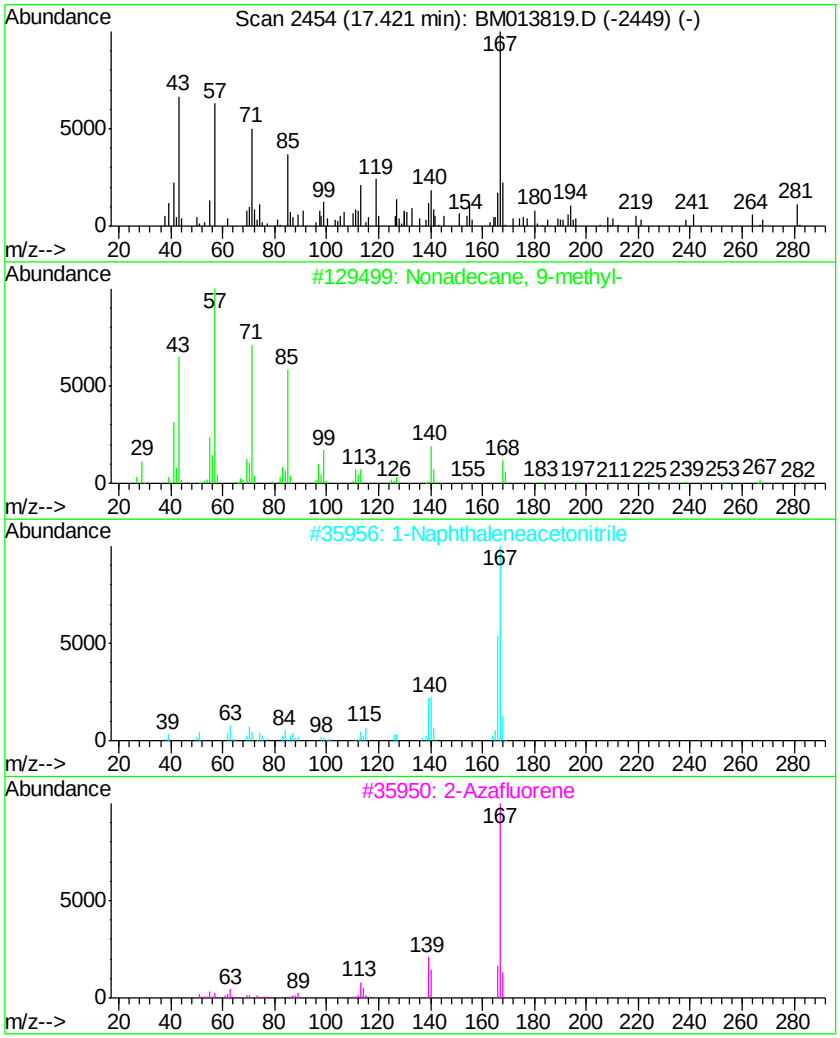
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

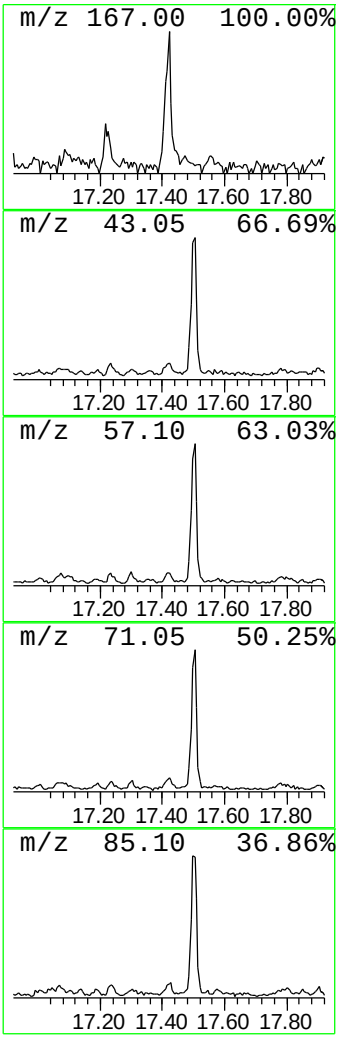
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	2.57 ng/ul	203583	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	35
2	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	30
3	2-Azafluorene	167	C12H9N	000244-40-6	27
4	2-Naphthylacetonitrile	167	C12H9N	007498-57-9	27
5	2-Chloro-6-methylphenyl isocyanate	167	C8H6ClNO	019241-34-0	25





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Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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

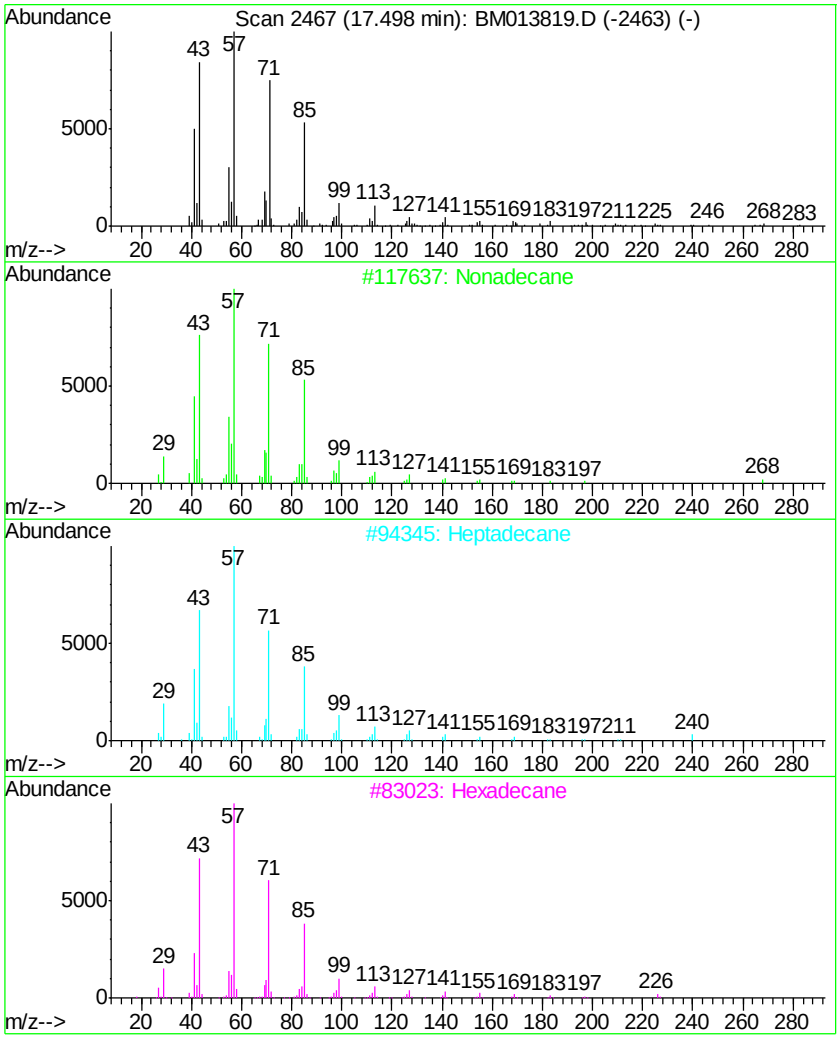
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

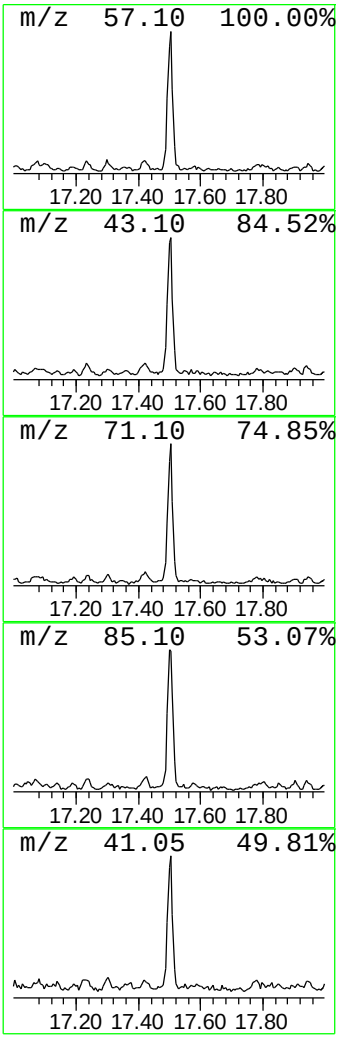
****

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	8.74 ng/ul	693466	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Docosane	310	C22H46	000629-97-0	90





Library Search Compound Report

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Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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

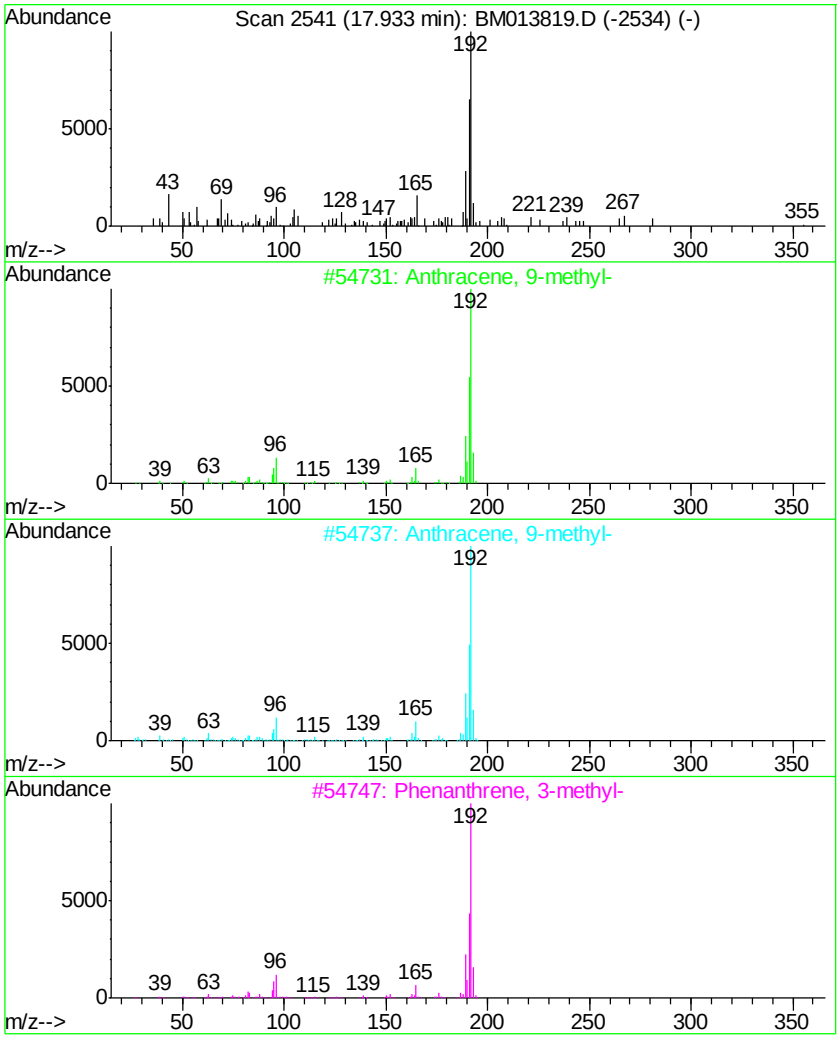
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

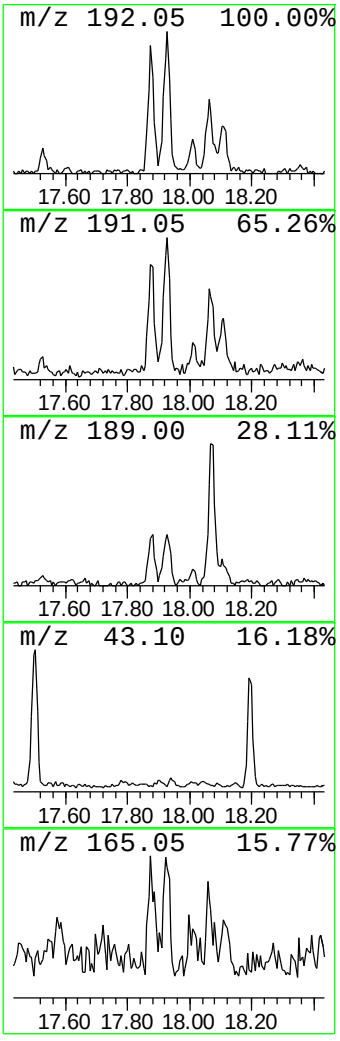
****

Peak Number 26 Anthracene, 9-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.89 ng/ul	228929	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	62
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	59
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	59





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Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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

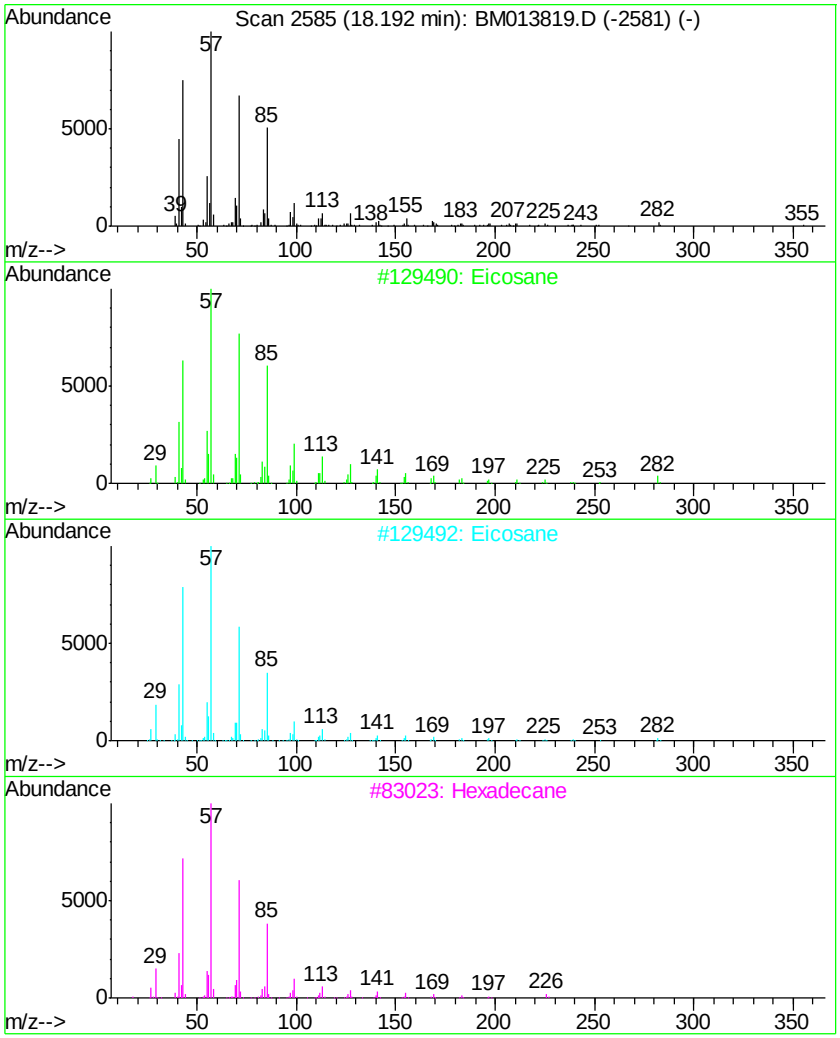
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

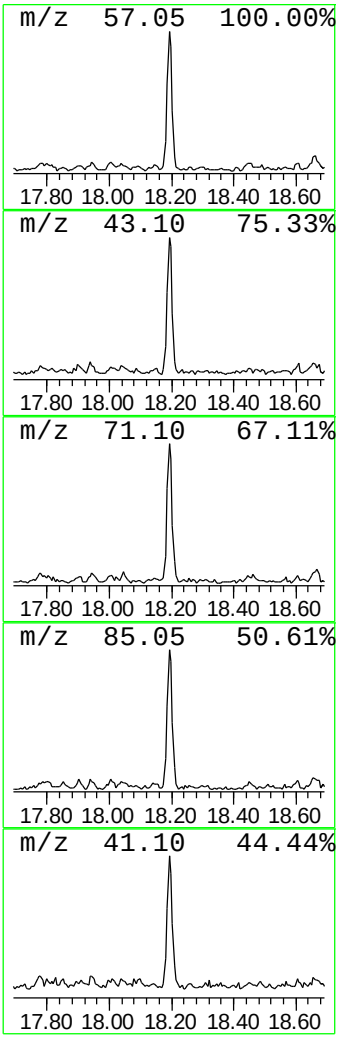
****

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	6.68 ng/ul	529704	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Eicosane	282	C20H42	000112-95-8	96
3	Hexadecane	226	C16H34	000544-76-3	94
4	Hexadecane	226	C16H34	000544-76-3	94
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93





Library Search Compound Report

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Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

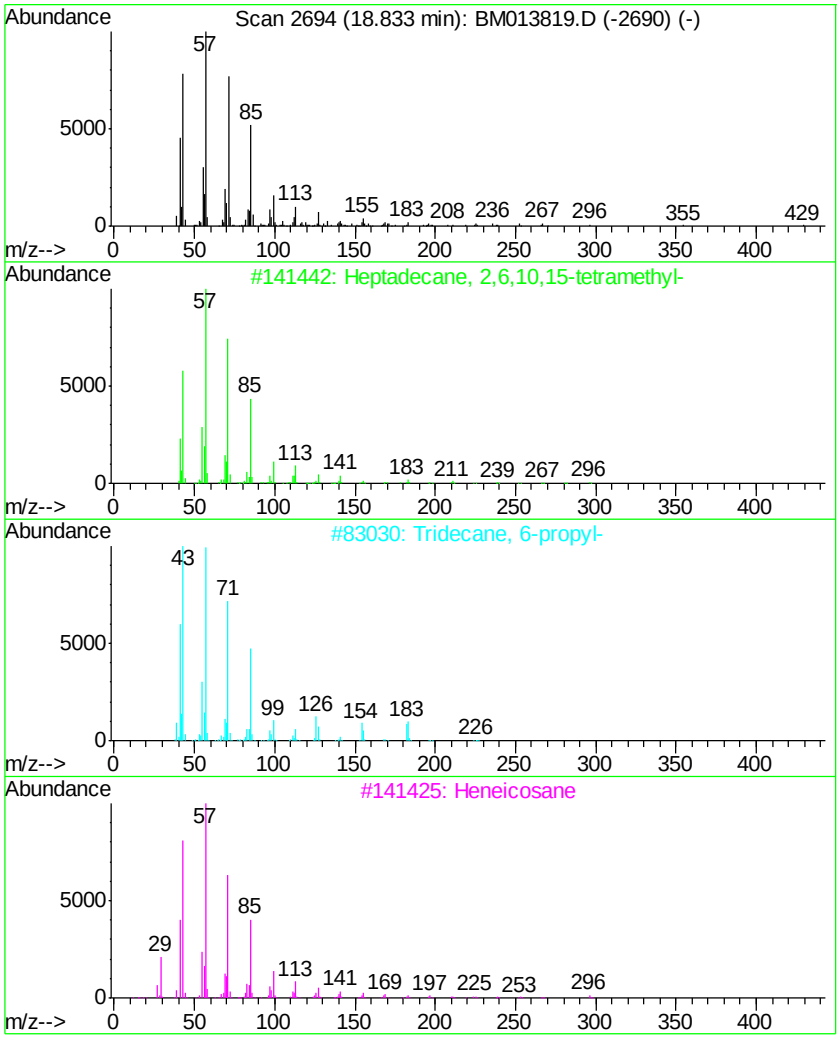
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

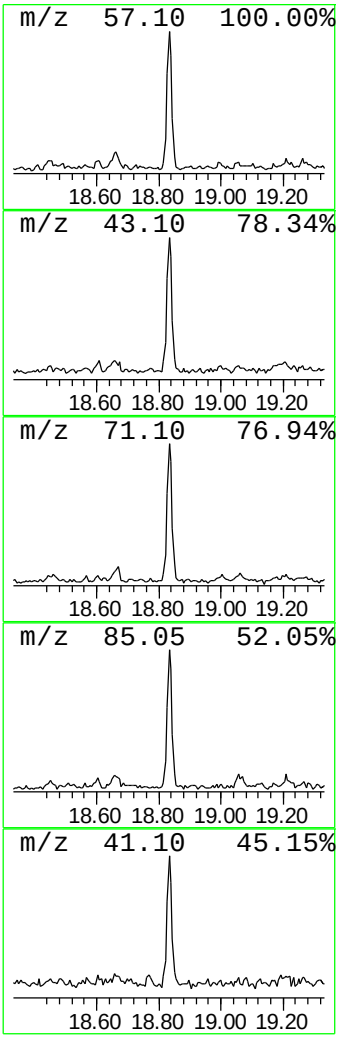
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	5.52 ng/ul	437387	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	93
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3	Heneicosane	296	C21H44	000629-94-7	93
4	Hexacosane	366	C26H54	000630-01-3	91
5	Nonadecane	268	C19H40	000629-92-5	90





Library Search Compound Report

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Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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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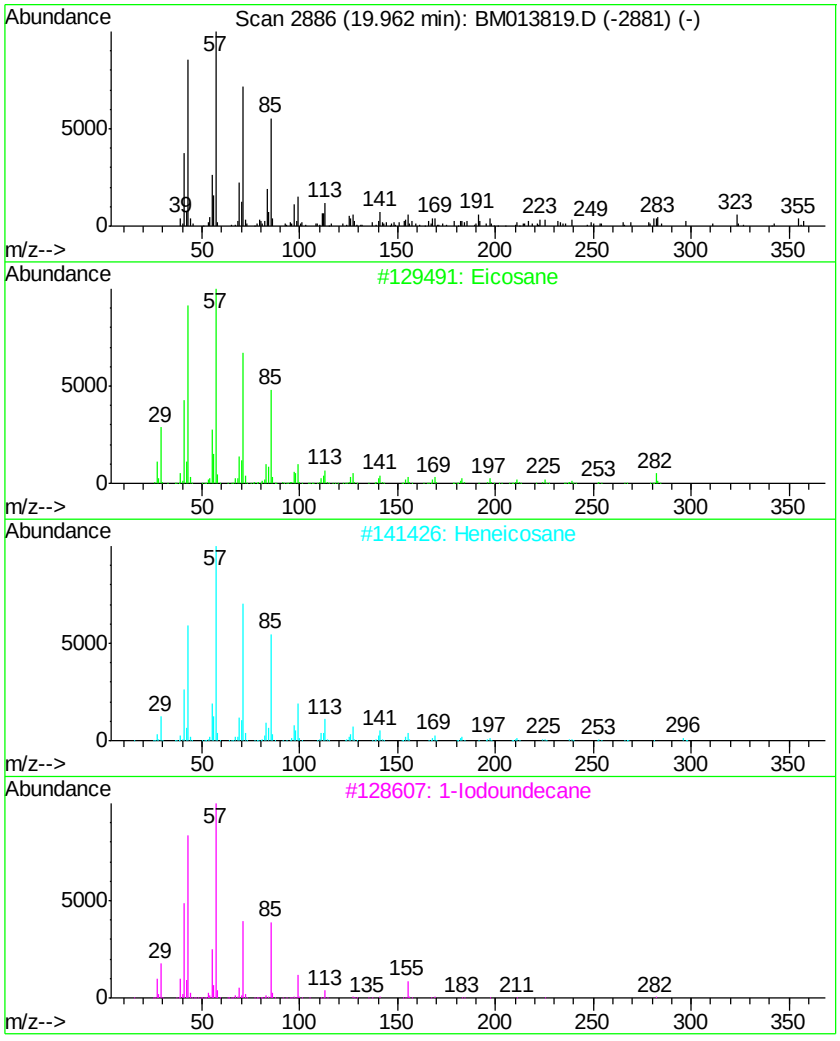
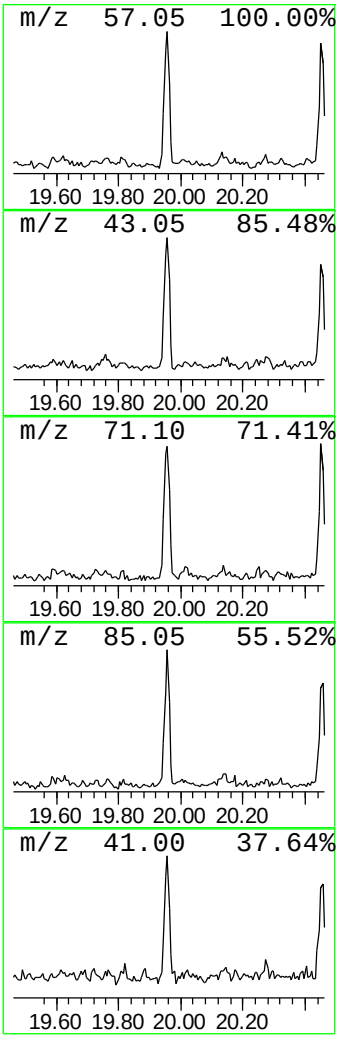
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	3.71 ng/ul	341692	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heneicosane	296	C21H44	000629-94-7	80
3	1-Iodoundecane	282	C11H23I	004282-44-4	76
4	Hexacosane	366	C26H54	000630-01-3	74
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	74





Library Search Compound Report

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Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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

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

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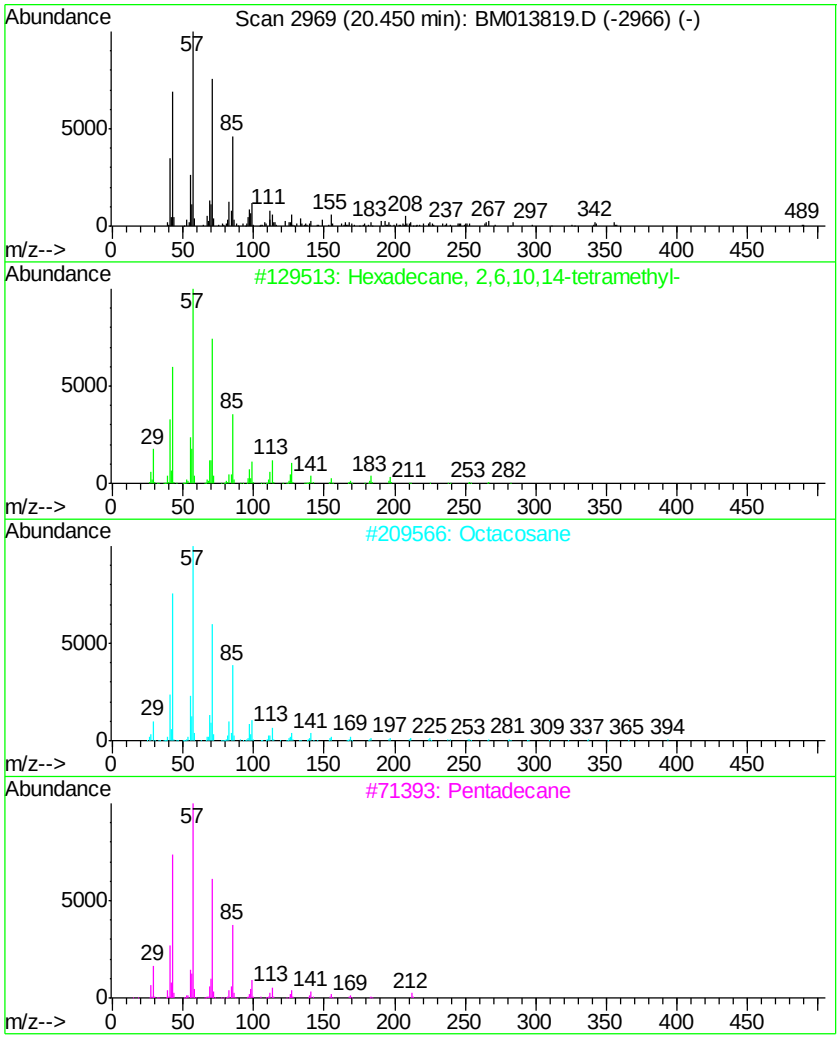
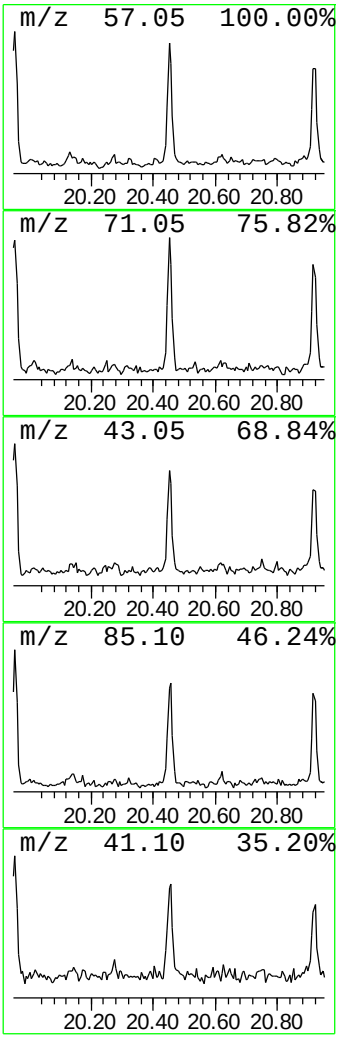
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	2.61 ng/ul	239912	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Pentadecane	212	C15H32	000629-62-9	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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

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

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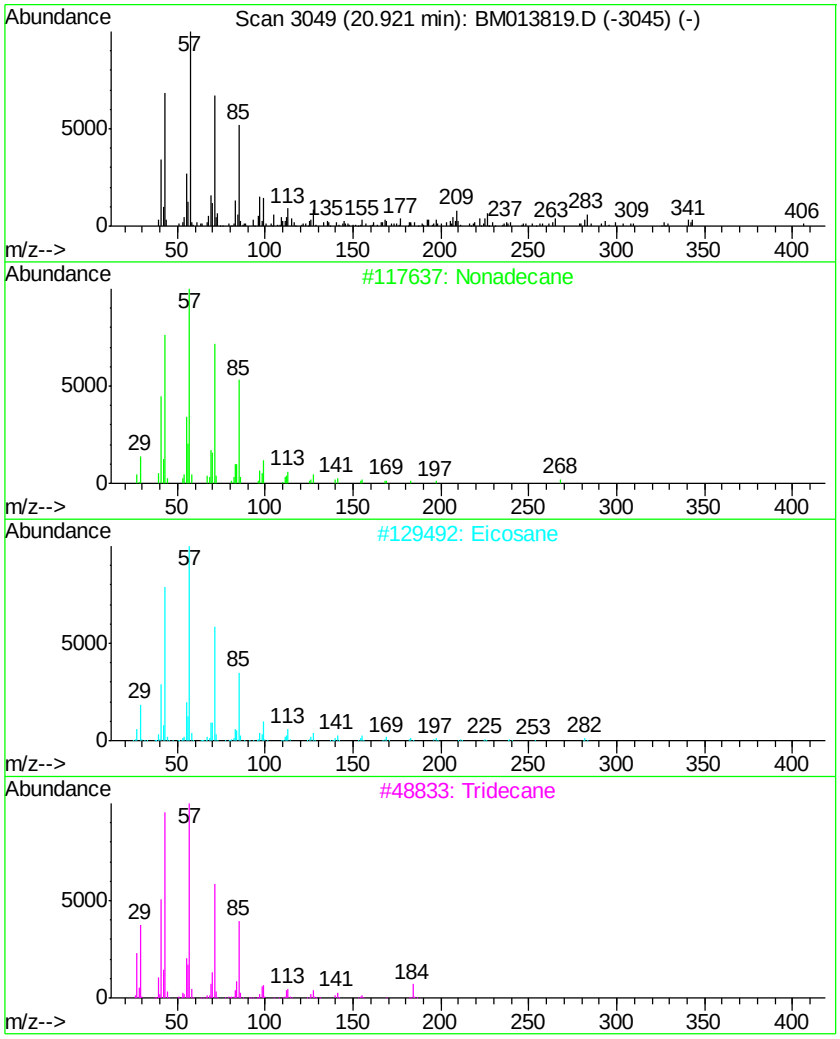
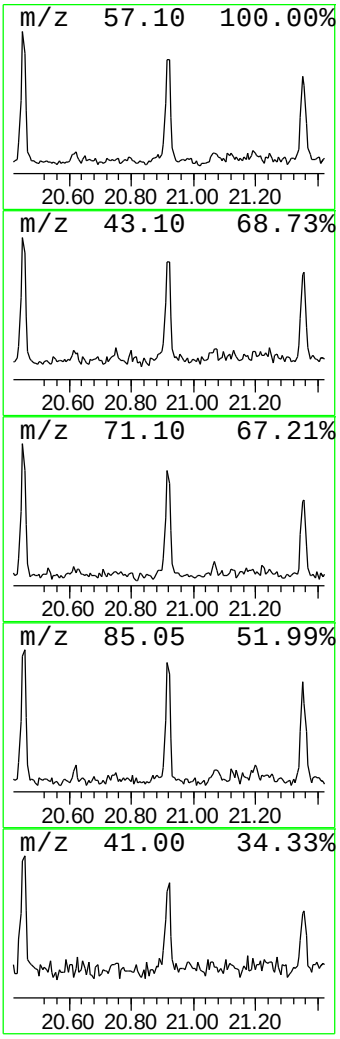
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.48 ng/ul	228158	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Eicosane	282	C20H42	000112-95-8	83
3	Tridecane	184	C13H28	000629-50-5	81
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	81
5	Hexadecane	226	C16H34	000544-76-3	81





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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

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

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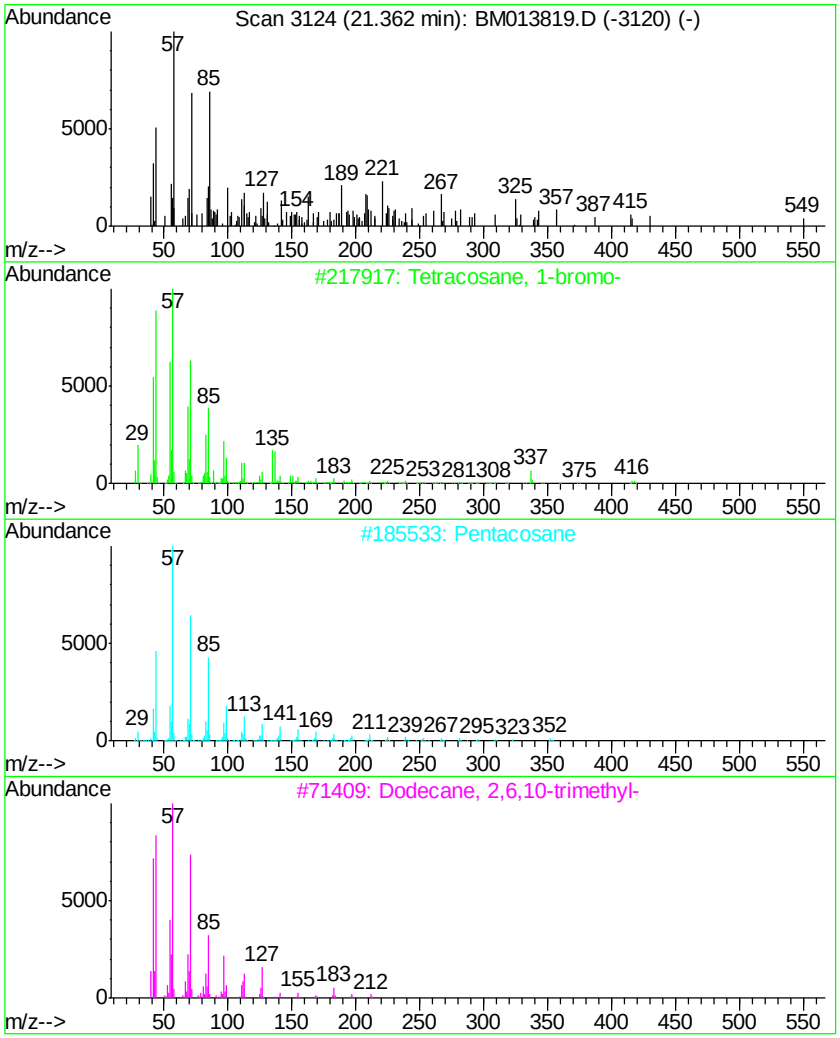
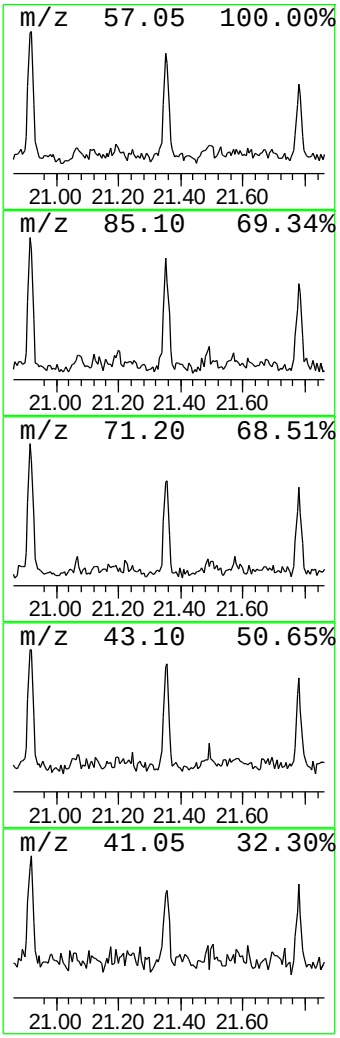
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	2.03 ng/ul	187077	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	81
2	Pentacosane	352	C25H52	000629-99-2	80
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4	Nonadecane	268	C19H40	000629-92-5	76
5	Octadecane	254	C18H38	000593-45-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012518\
Data File : BM013819.D
Acq On : 25 Jan 2018 23:11
Operator : SJ/JU
Sample : J1222-08DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A81DL

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
unknown-01	4.76	3.3	ng/ul	143644	1	7.59	879186	20.0
Hexylene glycol	5.95	6.1	ng/ul	269222	1	7.59	879186	20.0
(DEL) Alkane: Str...	7.21	3.1	ng/ul	137319	1	7.59	879186	20.0
unknown-02	8.23	2.2	ng/ul	95193	1	7.59	879186	20.0
Oxalic acid, 2-et...	11.39	3.0	ng/ul	233686	2	10.36	1546940	20.0
(DEL) Alkane: Str...	11.79	8.9	ng/ul	690949	2	10.36	1546940	20.0
Naphthalene, 1-me...	12.26	4.7	ng/ul	365074	2	10.36	1546940	20.0
(DEL) Alkane: Str...	12.76	2.1	ng/ul	234738	3	14.24	2273760	20.0
Naphthalene, 1,6-...	13.41	3.2	ng/ul	368424	3	14.24	2273760	20.0
Naphthalene, 1,7-...	13.56	3.5	ng/ul	403850	3	14.24	2273760	20.0
Sulfurous acid, 2...	13.73	3.1	ng/ul	357539	3	14.24	2273760	20.0
(DEL) Alkane: Str...	14.14	9.3	ng/ul	1052050	3	14.24	2273760	20.0
Naphthalene, 2-(1...	14.46	2.1	ng/ul	239006	3	14.24	2273760	20.0
(DEL) Alkane: Str...	14.77	2.0	ng/ul	230303	3	14.24	2273760	20.0
(DEL) Alkane: Str...	15.10	8.6	ng/ul	972869	3	14.24	2273760	20.0
(DEL) Alkane: Str...	15.52	2.9	ng/ul	332630	3	14.24	2273760	20.0
(4-Acetylphenyl)p...	15.72	12.5	ng/ul	993482	4	17.00	1586160	20.0
(DEL) Alkane: Str...	15.97	19.5	ng/ul	1545560	4	17.00	1586160	20.0
(DEL) Alkane: Str...	16.76	11.3	ng/ul	893980	4	17.00	1586160	20.0
(DEL) Alkane: Str...	16.82	5.4	ng/ul	430088	4	17.00	1586160	20.0
Benzene, 1,1'-(2,...	16.90	2.1	ng/ul	164145	4	17.00	1586160	20.0
Benzene, 1,1'-eth...	17.23	2.6	ng/ul	208982	4	17.00	1586160	20.0
(DEL) Alkane: Str...	17.42	2.6	ng/ul	203583	4	17.00	1586160	20.0
(DEL) Alkane: Str...	17.50	8.7	ng/ul	693466	4	17.00	1586160	20.0
Anthracene, 9-met...	17.93	2.9	ng/ul	228929	4	17.00	1586160	20.0
(DEL) Alkane: Str...	18.19	6.7	ng/ul	529704	4	17.00	1586160	20.0
(DEL) Alkane: Str...	18.83	5.5	ng/ul	437387	4	17.00	1586160	20.0
(DEL) Alkane: Str...	19.96	3.7	ng/ul	341692	5	21.20	1840920	20.0
(DEL) Alkane: Str...	20.45	2.6	ng/ul	239912	5	21.20	1840920	20.0
(DEL) Alkane: Str...	20.92	2.5	ng/ul	228158	5	21.20	1840920	20.0
(DEL) Alkane: Str...	21.36	2.0	ng/ul	187077	5	21.20	1840920	20.0