LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.781	640	645	658	rVB2	418375	773343	10.07%	0.682%
2	6.940	665	672	682	rVB	339385	531268	6.92%	0.469%
3	7.128	699	704	717	rVB	460954	771246	10.04%	0.680%
4	7.593	776	783	791	rVB	571609	930652	12.12%	0.821%
5	8.310	898	905	914	rBV	344701	619633	8.07%	0.547%
6	8.669	954	966	973	rBV	29201	109913	1.43%	0.097%
7	8.751	973	980	987	rBV	445820	783367	10.20%	0.691%
8	9.228	1053	1061	1066	rBV6	41215	95942	1.25%	0.085%
9	9.469	1090	1102	1109	rVB2	395833	855298	11.13%	0.755%
10	9.545	1109	1115	1123	rBV5	91606	230087	3.00%	0.203%
11	10.004	1187	1193	1199	rBV	500881	907242	11.81%	0.800%
12	10.369	1241	1255	1263	rBV	847098	1727738	22.49%	1.524%
13	10.486	1270	1275	1277	rBV2	87445	149641	1.95%	0.132%
14	10.522	1277	1281	1291	rVB4	419307	892236	11.62%	0.787%
15	10.763	1316	1322	1327	rVB8	45208	90303	1.18%	0.080%
16	10.904	1341	1346	1353	rVV3	107797	213790	2.78%	0.189%
17	10.975	1355	1358	1362	rVV2	94591	143716	1.87%	0.127%
18	11.051	1366	1371	1376	rVB4	169650	330383	4.30%	0.291%
19	11.122	1381	1383	1390	rVV6	64187	114717	1.49%	0.101%
20	11.198	1390	1396	1404	rVB10	58451	151563	1.97%	0.134%
21	11.286	1405	1411	1416	rVV8	75375	158164	2.06%	0.140%
22	11.392	1424	1429	1434	rBV2	610908	1035110	13.48%	0.913%
23	11.451	1434	1439	1449	rVB5	222913	571420	7.44%	0.504%
24	11.651	1468	1473	1477	rBV4	97921	160444	2.09%	0.142%
25	11.798	1494	1498	1503	rBV4	173898	286436	3.73%	0.253%
26	12.104	1546	1550	1558	rBV5	148389	313644	4.08%	0.277%
27	12.245	1570	1574	1579	rBV6	84459	143990	1.87%	0.127%
28	12.381	1594	1597	1601	rBV5	86265	132737	1.73%	0.117%
29	12.439	1602	1607	1616	rVV9	78795	225064	2.93%	0.199%
30	12.657	1642	1644	1650	rVB5	208530	289347	3.77%	0.255%
31	12.722	1651	1655	1660	rVV7	173904	336876	4.39%	0.297%
32	12.775	1660	1664	1668	rVV	757082	1032802	13.45%	0.911%
33	12.828	1668	1673	1683	rVB8	242532	514950	6.70%	0.454%
34	13.010	1699	1704	1708	rBV	364456	600910	7.82%	0.530%

LSC Area Percent Report

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Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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	13.069	1710	1714	1725	rVB6	325410	694929	9.05%	0.613%
36	13.657	1808	1814	1819	rBV2	1823310	3029655	39.44%	2.673%
37	13.733	1819	1827	1831	rVV2	1271660	2336514	30.42%	2.061%
38	13.845	1844	1846	1849	rBV4	111272	132531	1.73%	0.117%
39	13.886	1850	1853	1857	rVV5	181361	276725	3.60%	0.244%
40	13.939	1857	1862	1866	rVV	1122403	1669334	21.73%	1.473%
41	13.975	1866	1868	1874	rVB4	228699	317595	4.13%	0.280%
42	14.069	1880	1884	1891	rVB2	881579	1347362	17.54%	1.189%
43	14.151	1893	1898	1902	rVV2	671946	994265	12.94%	0.877%
44	14.204	1903	1907	1910	rVV3	347082	640970	8.34%	0.565%
45	14.245	1910	1914	1921	rVV2	1255363	2009347	26.16%	1.773%
46	14.327	1924	1928	1933	rVV6	273977	597971	7.78%	0.528%
47	14.392	1935	1939	1948	rVV	783271	1409271	18.35%	1.243%
48	14.480	1949	1954	1964	rVB5	467778	1177750	15.33%	1.039%
49	14.663	1981	1985	1988	rBV2	228600	316176	4.12%	0.279%
50	14.780	2001	2005	2011	rBV4	608947	1077672	14.03%	0.951%
51	14.963	2032	2036	2040	rBV6	230671	386732	5.03%	0.341%
52	15.016	2040	2045	2046	rBV	694915	950733	12.38%	0.839%
53	15.116	2058	2062	2069	rVB	725542	912888	11.88%	0.805%
54	15.245	2080	2084	2089	rVB	1499619	2097305	27.30%	1.850%
55	15.386	2105	2108	2118	rVB2	441600	819947	10.67%	0.723%
56	15.521	2125	2131	2136	rBV	1244976	2001128	26.05%	1.765%
57	15.886	2190	2193	2198	rVB2	472209	600396	7.82%	0.530%
58	16.004	2204	2213	2218	rBV	4060741	7681209	100.00%	6.777%
59	16.316	2263	2266	2269	rBV4	311920	354408	4.61%	0.313%
60	16.657	2320	2324	2331	rVB	2023713	2750415	35.81%	2.426%
61	16.768	2340	2343	2348	rVV2	1583130	1995805	25.98%	1.761%
62	16.821	2348	2352	2360	rVB	1813609	2690471	35.03%	2.374%
63	17.004	2378	2383	2390	rBV2	1661770	2841308	36.99%	2.507%
64	17.098	2395	2399	2404	rVB	1610099	2304105	30.00%	2.033%
65	17.227	2418	2421	2426	rVB4	564634	776908	10.11%	0.685%
66	17.427	2452	2455	2460	rVB2	740952	1080754	14.07%	0.953%
67	17.510	2465	2469	2473	rBV	2121962	2505783	32.62%	2.211%
68	17.792	2513	2517	2523	rBV9	513129	1017845	13.25%	0.898%
69	18.204	2583	2587	2592	rVB	2482842	2949465	38.40%	2.602%
70	18.845	2692	2696	2700	rBV	2763690	3138256	40.86%	2.769%
71	19.068	2730	2734	2741	rVB	1754854	2269925	29.55%	2.003%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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	19.404	2787	2791	2792	rBV	2065421	2351646	30.62%	2.075%
73	19.427	2792	2795	2802	rVB2	5261807	7224627	94.06%	6.374%
74	19.962	2883	2886	2891	rVB	3452596	3701690	48.19%	3.266%
75	20.462	2967	2971	2976	rBV	2805667	3045491	39.65%	2.687%
76	20.927	3046	3050	3055	rVB	3579179	3793013	49.38%	3.346%
77	21.203	3093	3097	3108	rVB2	2038244	3377717	43.97%	2.980%
78	21.362	3120	3124	3129	rVB2	2431642	2831872	36.87%	2.498%
79	21.792	3193	3197	3203	rVB	1800106	2175462	28.32%	1.919%
80	22.245	3270	3274	3277	rBV	1216653	1491972	19.42%	1.316%
81	22.739	3354	3358	3363	rBV2	1542562	2280613	29.69%	2.012%
82	23.262	3443	3447	3452	rBV3	1299561	2953847	38.46%	2.606%
83	23.397	3467	3470	3476	rVB	1102607	1743869	22.70%	1.538%

Sum of corrected areas: 113349644

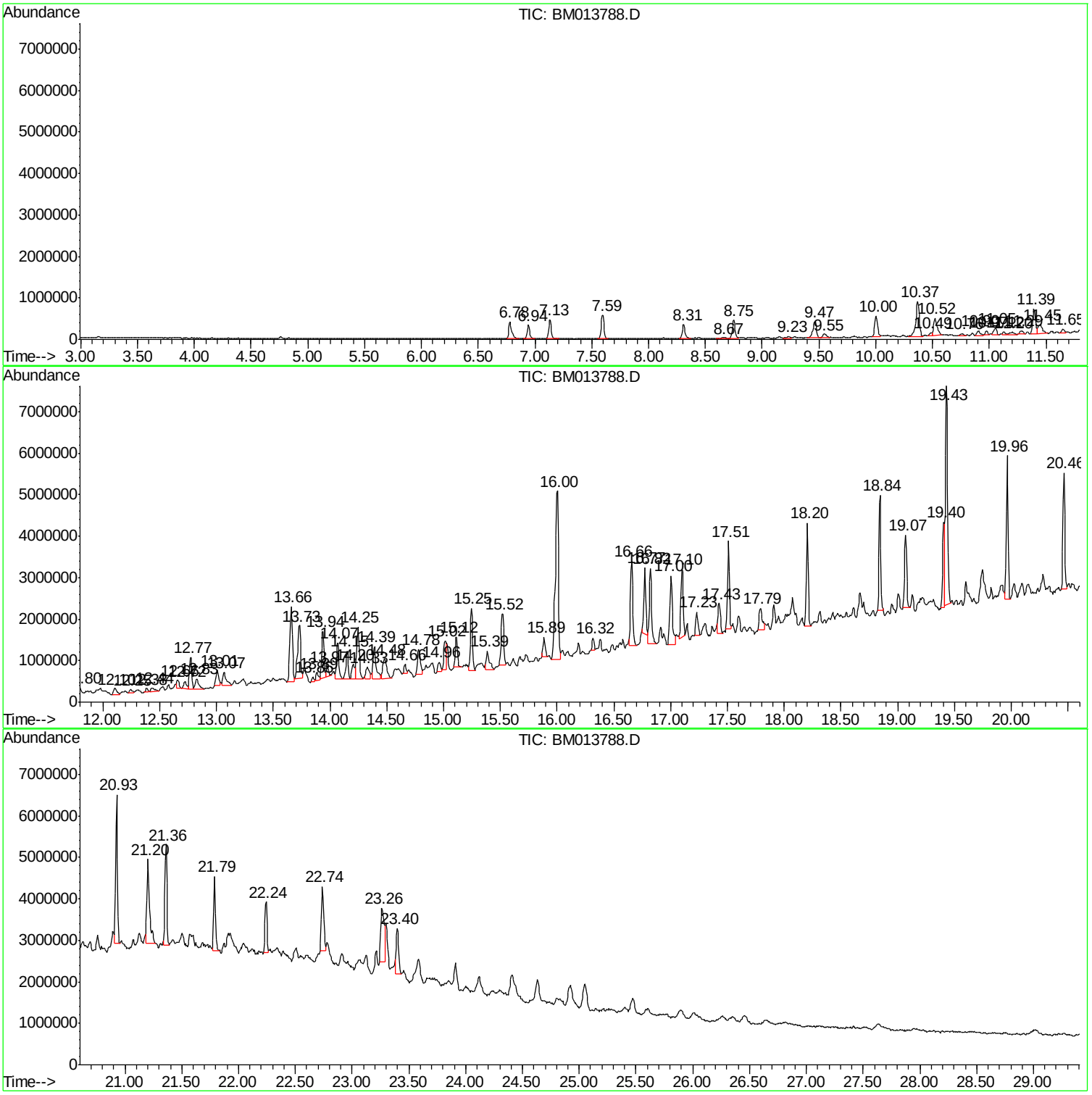
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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

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



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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

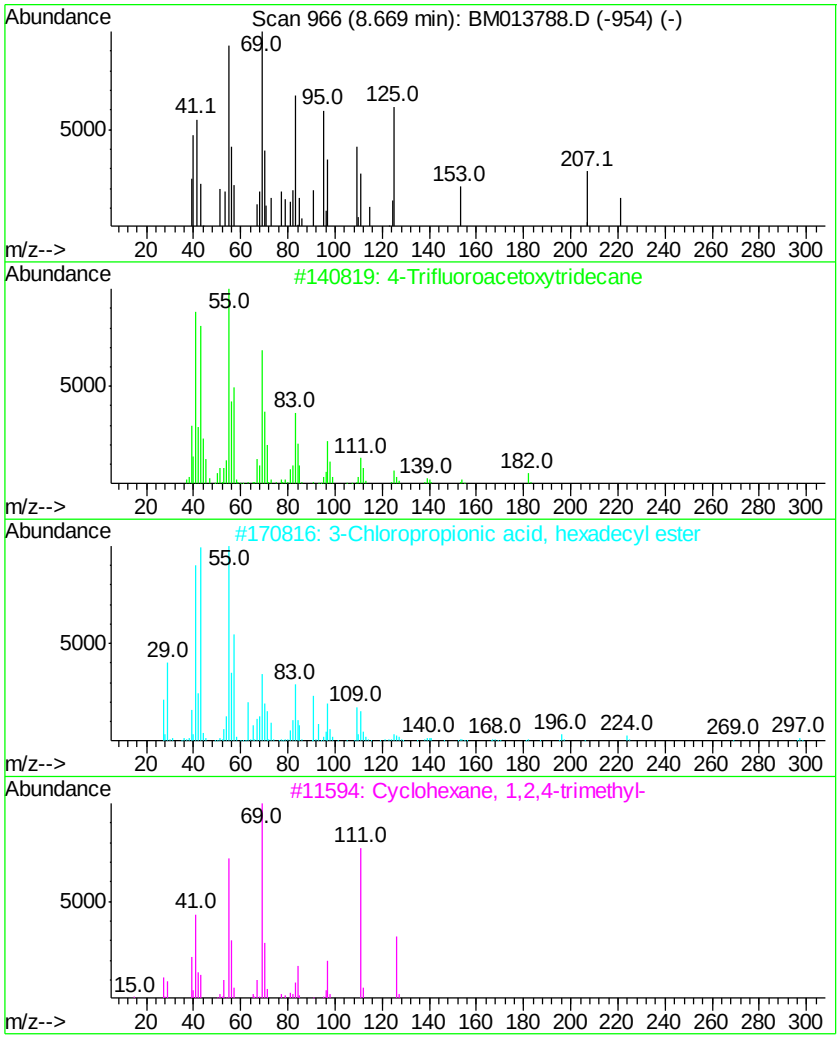
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

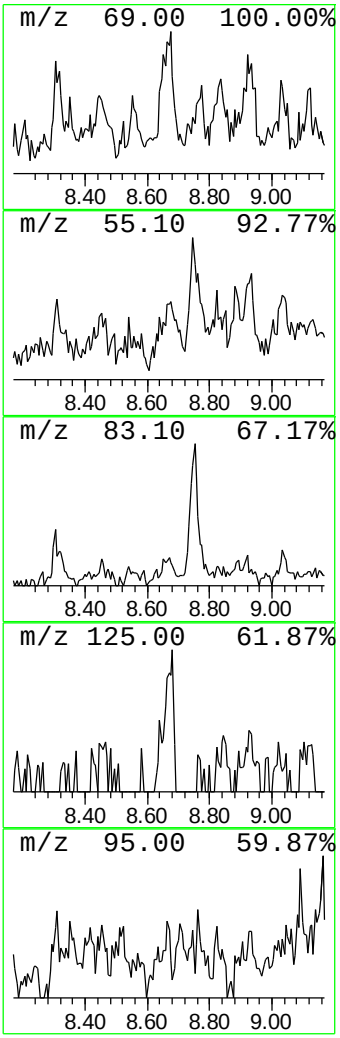
****

Peak Number 1 unknown-01 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	2.36 ng/ul	109913	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Trifluoroacetoxytridecane	296	C15H27F3O2	1000245-47-3	43
2	3-Chloropropionic acid, hexadecy...	332	C19H37ClO2	053312-70-2	35
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	27
4	3-Chloropropionic acid, tetradec...	304	C17H33ClO2	064120-16-7	27
5	Cyclotetradecane	196	C14H28	000295-17-0	22





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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

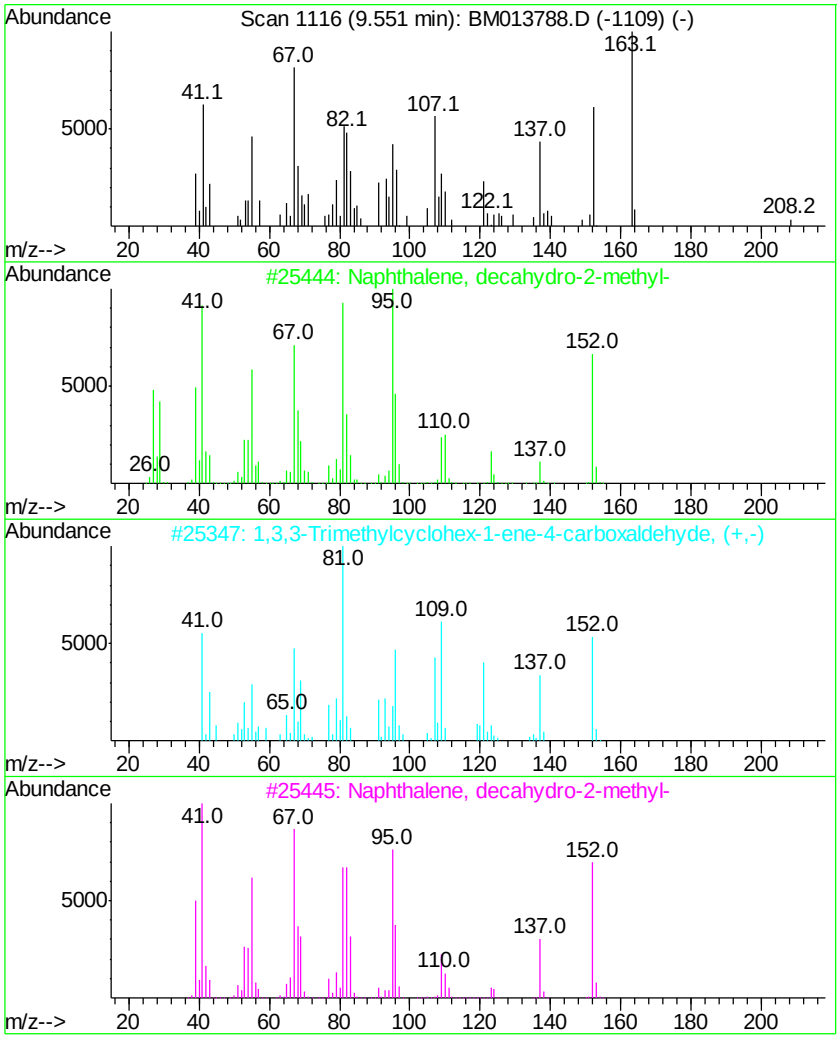
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

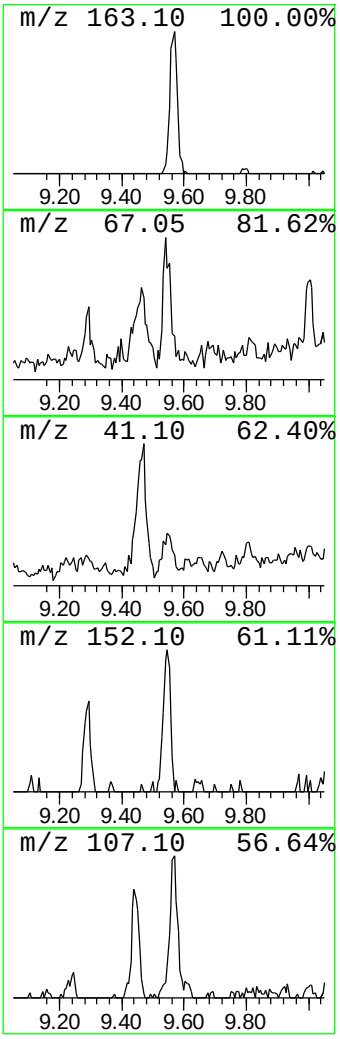
****

Peak Number 2 Naphthalene, decahydro-2-me... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	2.66 ng/ul	230087	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
2	1,3,3-Trimethylcyclohex-1-ene-4-...	152	C10H16O	127128-60-3	86
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
4	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	74
5	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	70





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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

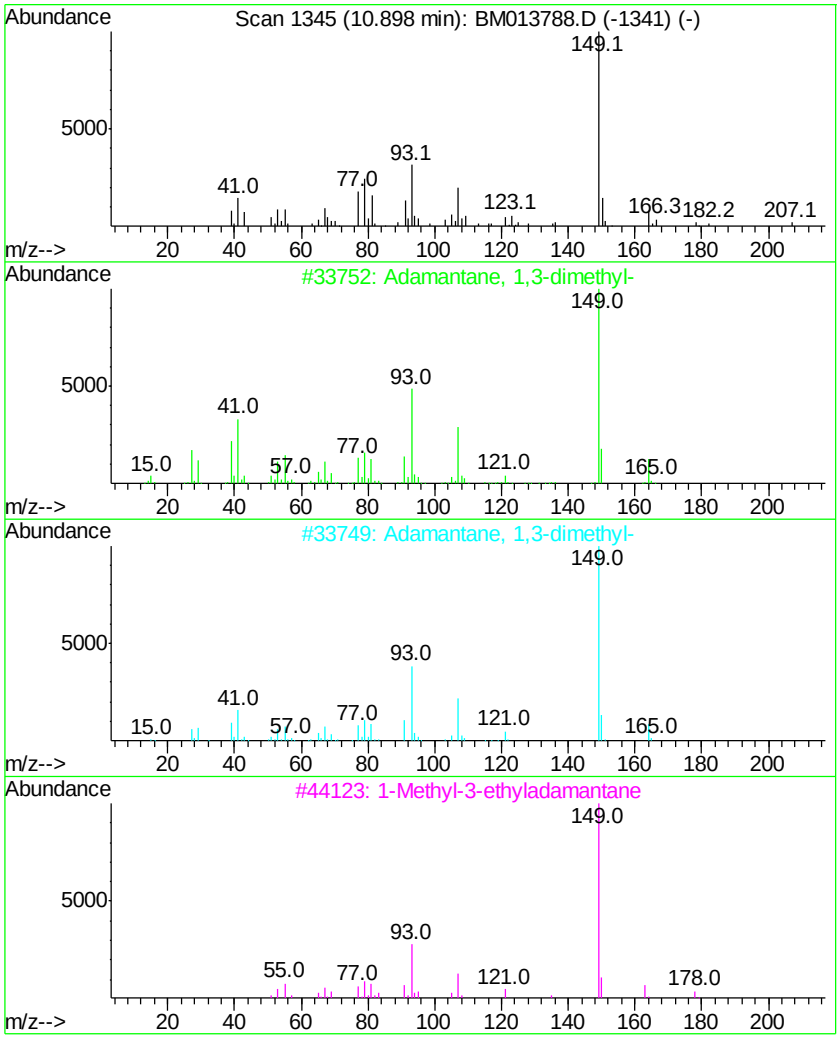
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

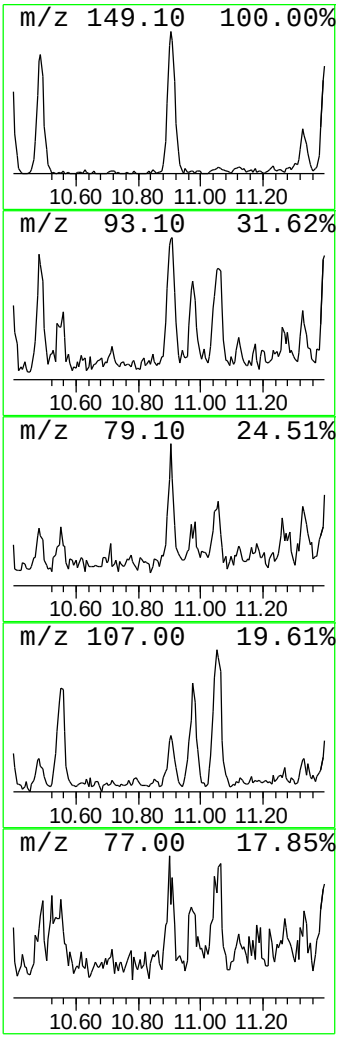
****

Peak Number 3 Adamantane, 1,3-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.47 ng/ul	213790	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	91
2	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	87
3	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	64
4	Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	53
5	o-Toluic acid, 1-adamantylmethyl...	284	C19H24O2	1000292-22-6	47





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
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Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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

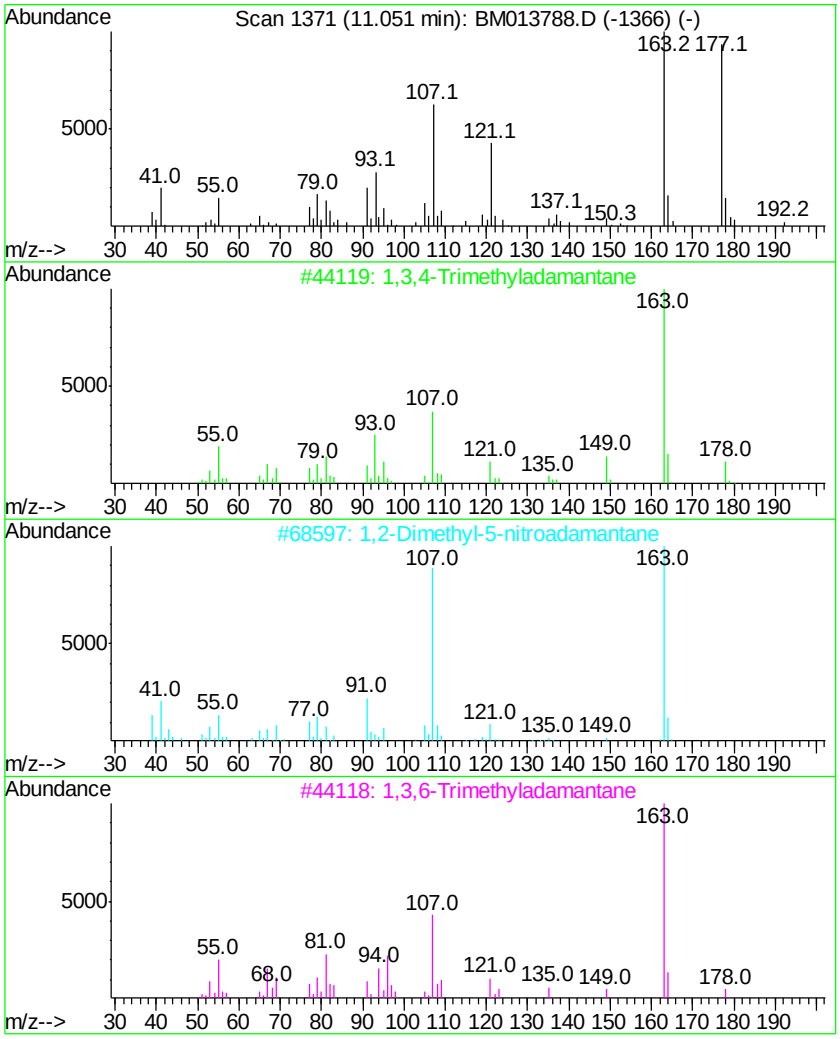
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

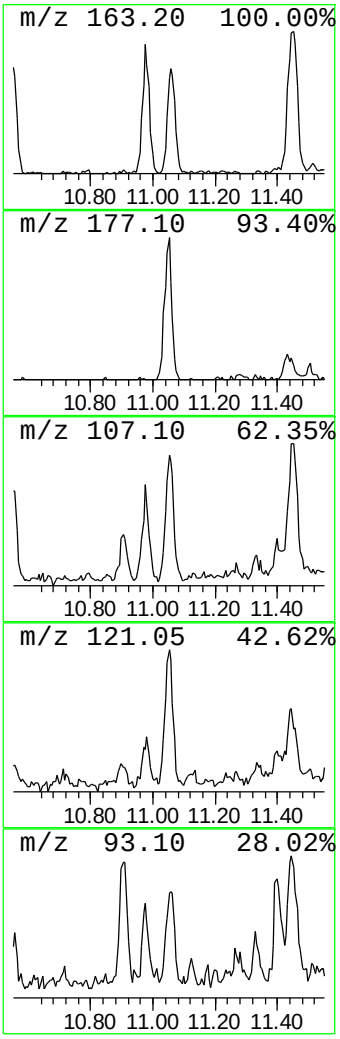
****

Peak Number 4 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	3.82 ng/ul	330383	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	46
2	1,2-Dimethyl-5-nitroadamantane	209	C12H19NO2	006588-68-7	43
3	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	38
4	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	38
5	1,3,5,6-Tetramethyladamantane	192	C14H24	034694-70-7	38





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

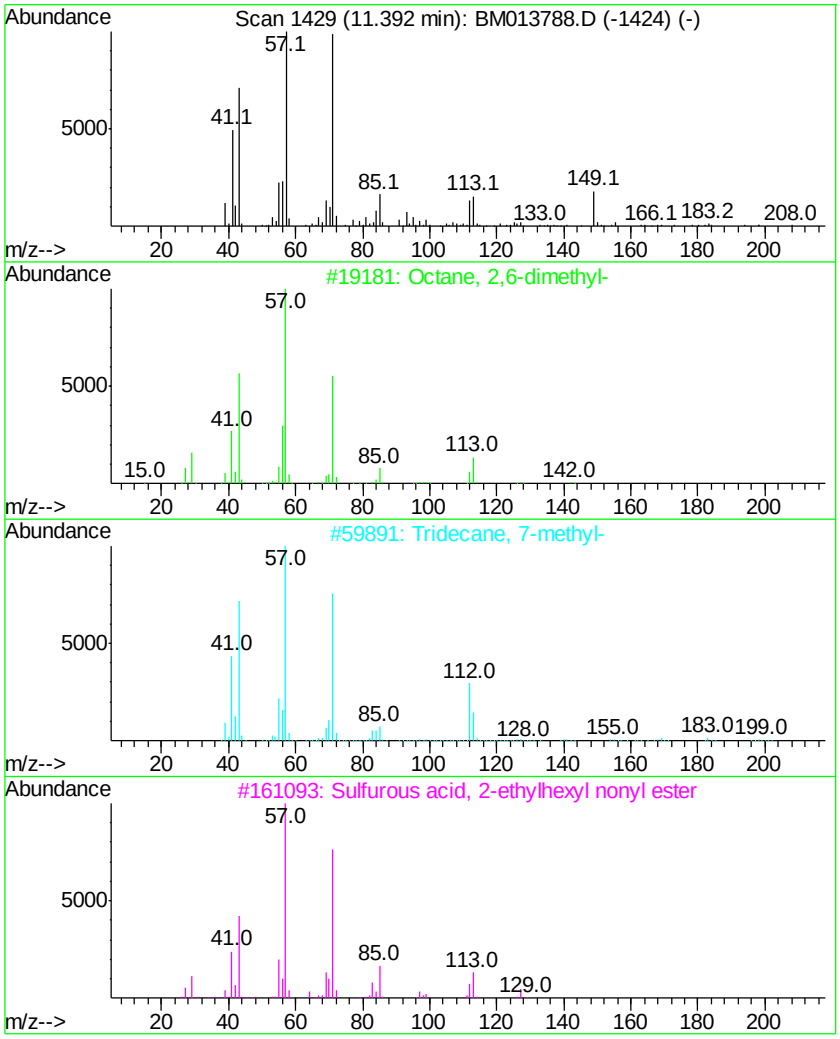
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

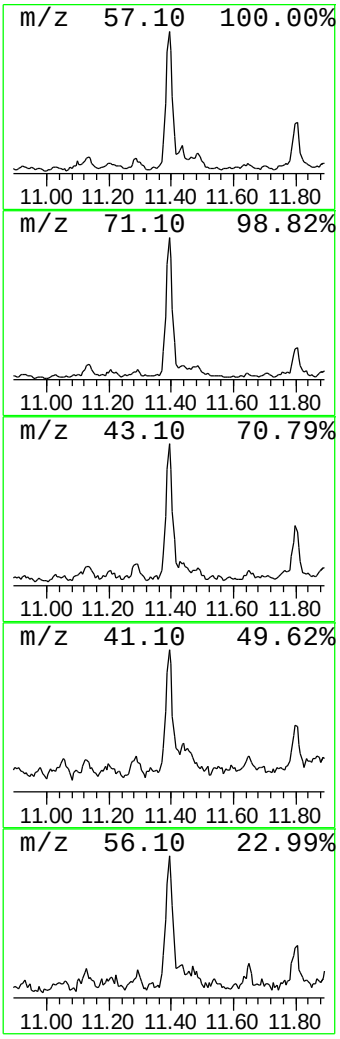
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	11.98 ng/ul	1035110	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	Tridecane, 7-methyl-	198	C14H30	026730-14-3	74
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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

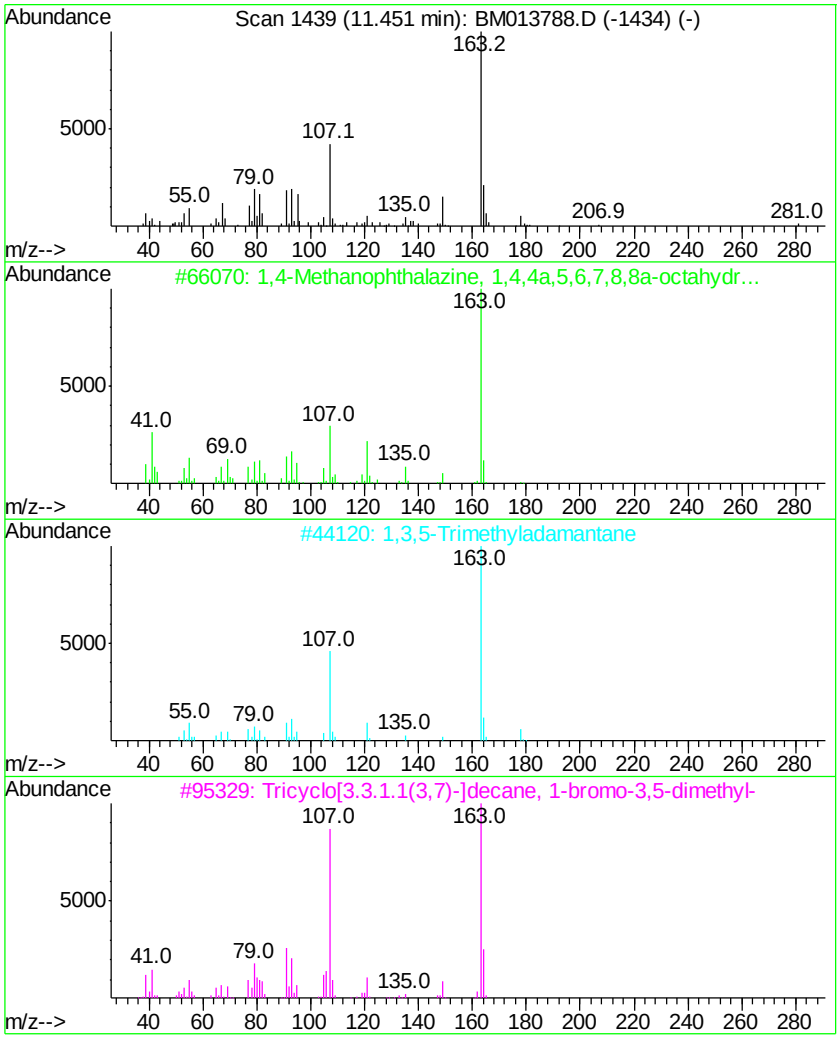
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

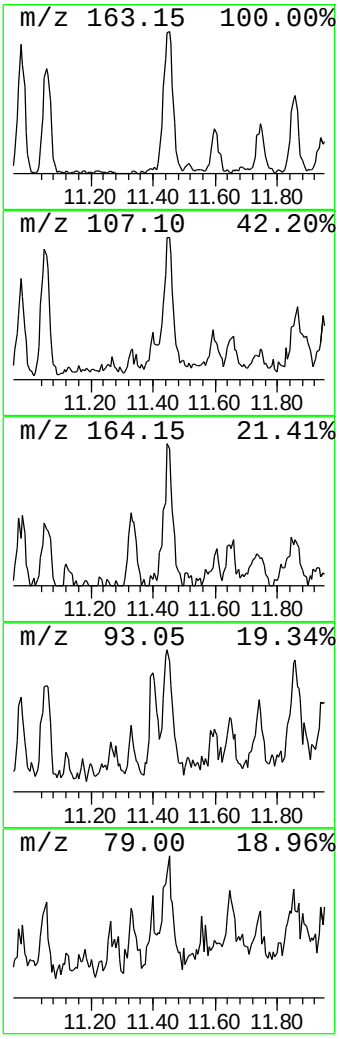
****

Peak Number 6 1,4-Methanophthalazine, 1,4... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	6.61 ng/ul	571420	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanophthalazine, 1,4,4a,5...	206	C13H22N2	109746-14-7	64
2	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	64
3	Tricyclo[3.3.1.1(3,7)-]decane, 1...	242	C12H19Br	000941-37-7	64
4	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	50
5	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	50





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Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

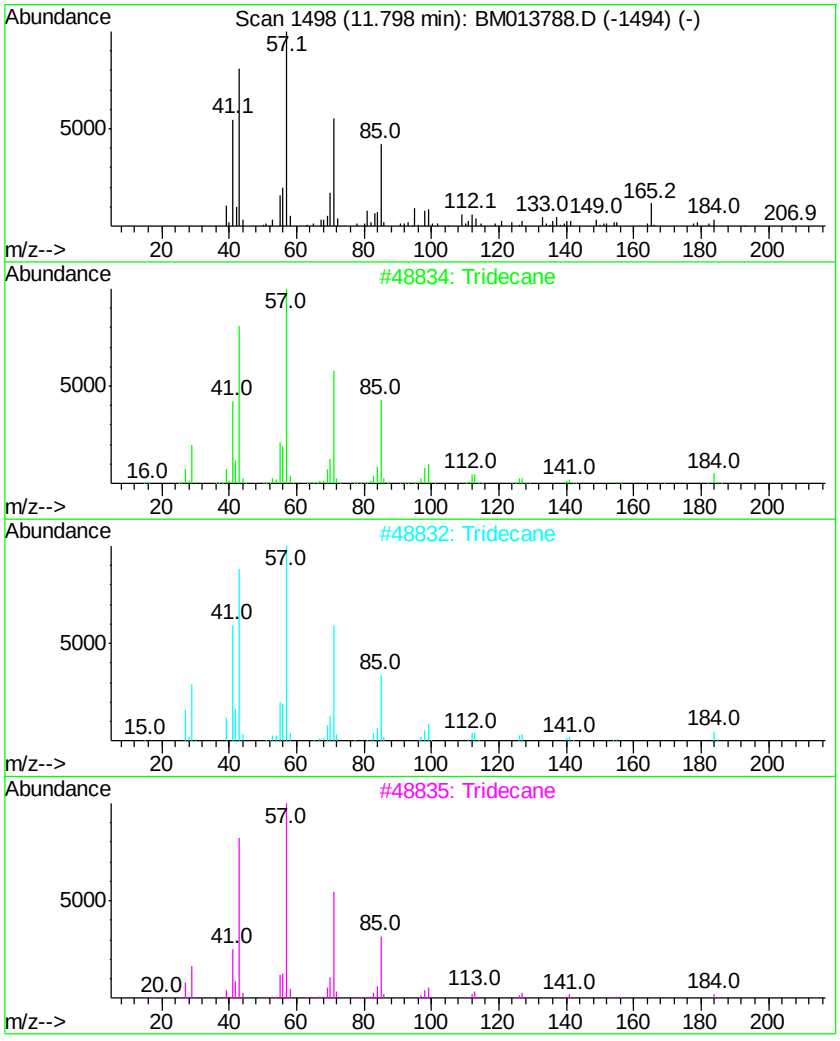
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

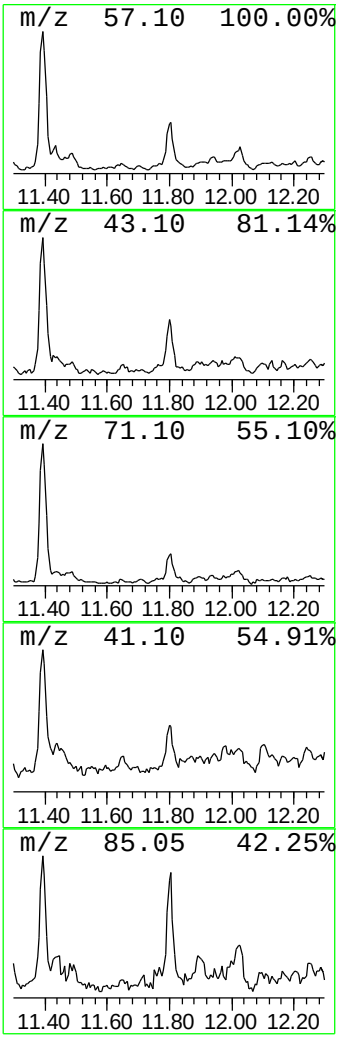
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.32 ng/ul	286436	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tridecane	184	C13H28	000629-50-5	76
3	Tridecane	184	C13H28	000629-50-5	70
4	Tetradecane	198	C14H30	000629-59-4	64
5	Dodecane	170	C12H26	000112-40-3	64





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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Quant Title : SVOA CALIBRATION

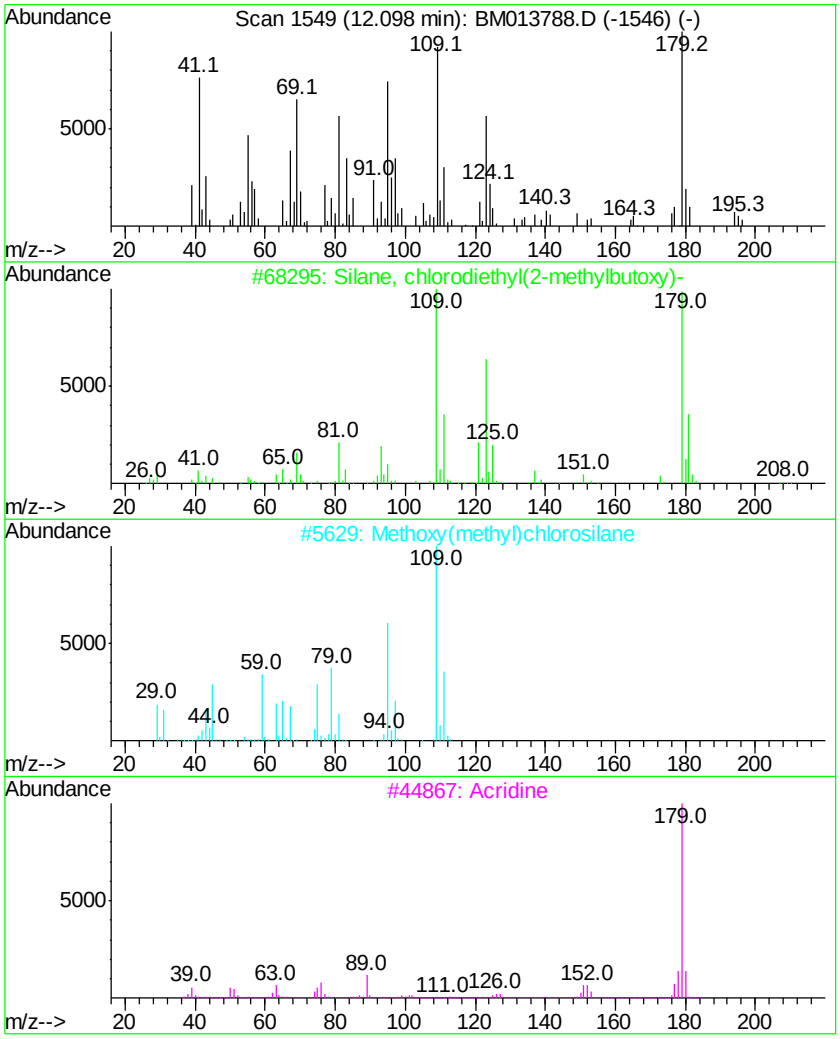
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

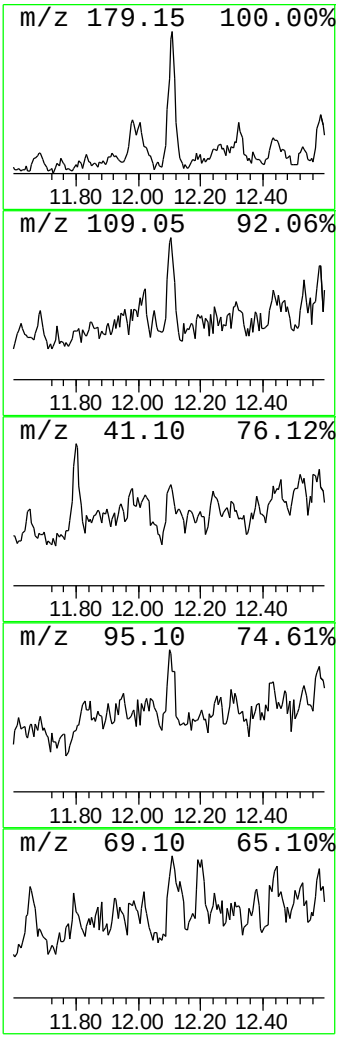
****

Peak Number 8 Silane, chlorodiethyl(2-met... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	3.63 ng/ul	313644	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorodiethyl(2-methylbu...	208	C9H21ClOSi	1000363-11-1	50
2	Methoxy(methyl)chlorosilane	110	C2H7ClOSi	018151-27-4	27
3	Acridine	179	C13H9N	000260-94-6	22
4	Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-92-0	22
5	9H-Fluoren-9-imine	179	C13H9N	004440-33-9	22





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Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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Quant Title : SVOA CALIBRATION

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

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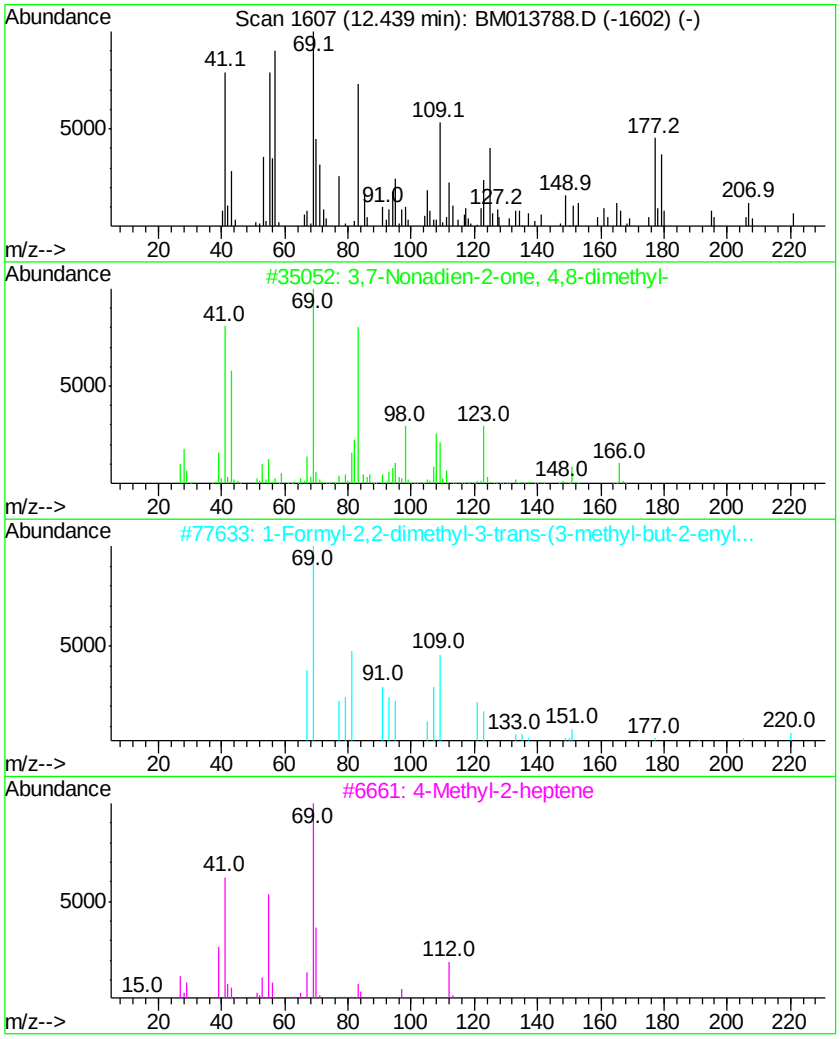
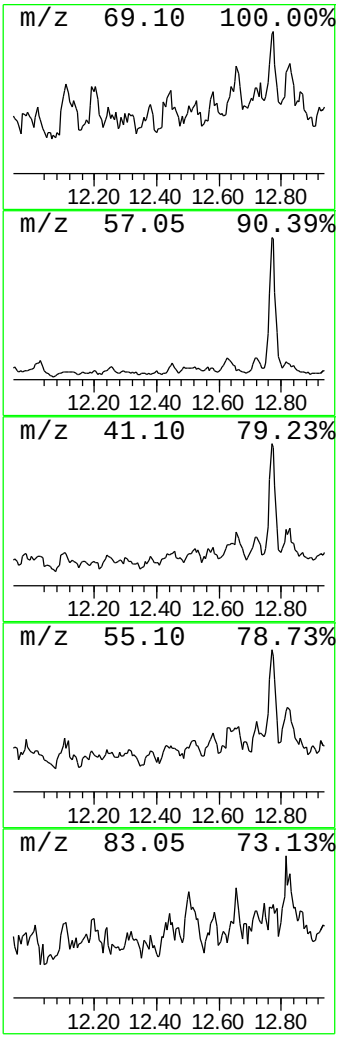
Peak Number 9 unknown-03 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.24 ng/ul	225064	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Nonadien-2-one, 4,8-dimethyl-	166	C11H18O	000817-88-9	35
2	1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	27
3	4-Methyl-2-heptene	112	C8H16	003404-56-6	25
4	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	22
5	1,1'-Bicyclohexyl, 2-propyl-, tr...	208	C15H28	054934-89-3	22





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Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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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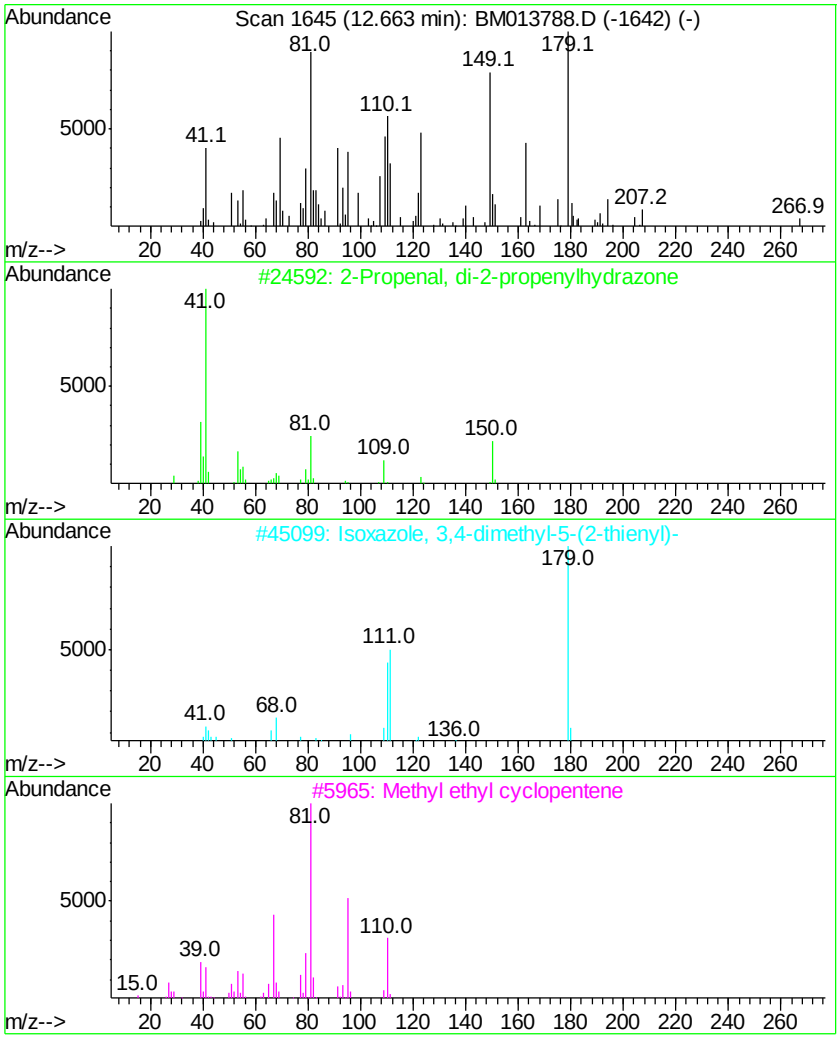
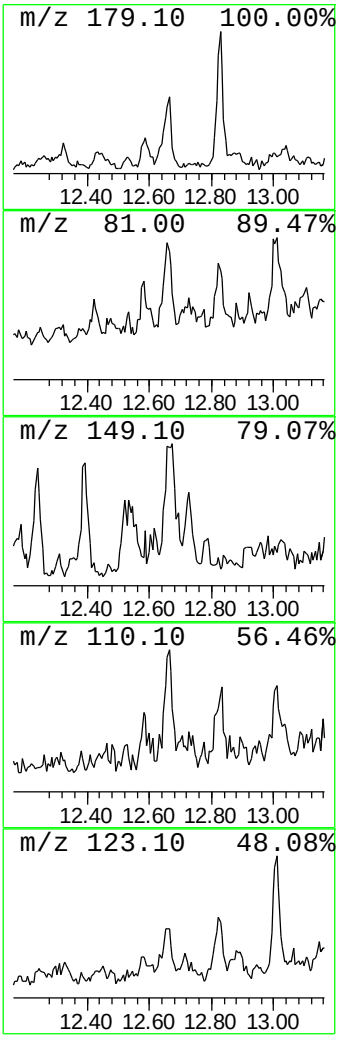
Peak Number 10 unknown-04 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	2.88 ng/ul	289347	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, di-2-propenylhydrazone	150	C9H14N2	018491-20-8	35
2	Isoxazole, 3,4-dimethyl-5-(2-thi...	179	C9H9NOS	056421-65-9	35
3	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	27
4	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	27
5	Thujone	152	C10H16O	000546-80-5	27





Library Search Compound Report

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Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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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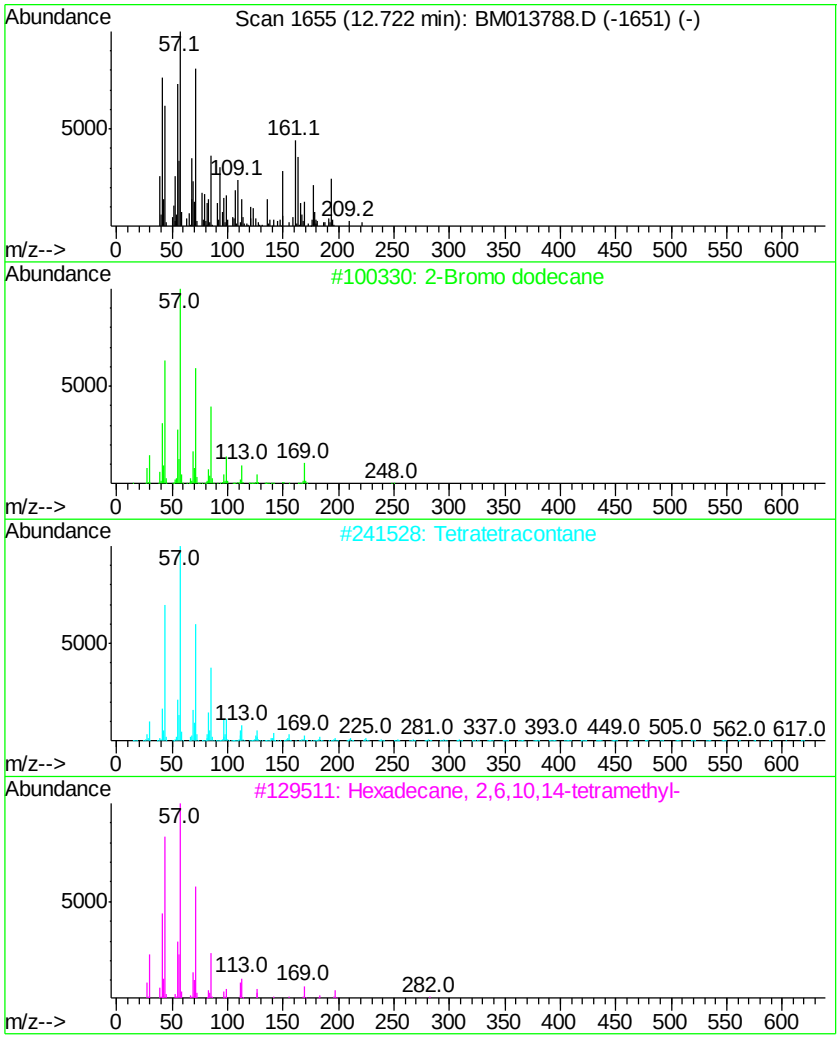
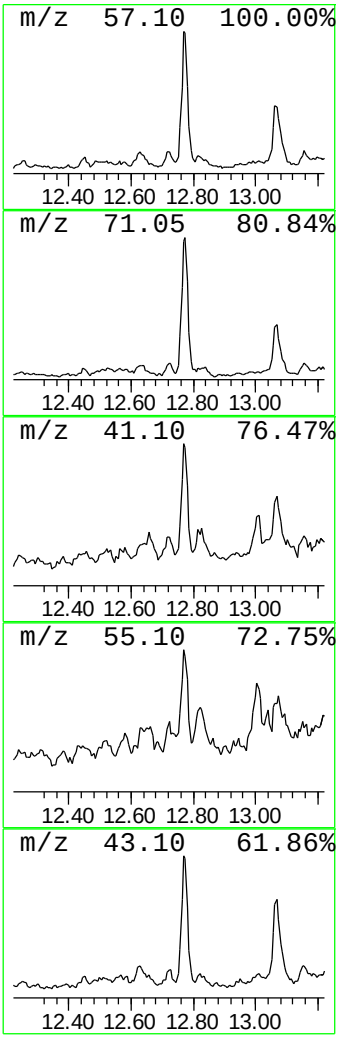
Peak Number 11 unknown-05 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.35 ng/ul	336876	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	27
2	Tetratetracontane	619	C44H90	007098-22-8	27
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	27
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	27
5	Octane, 2-methyl-	128	C9H20	003221-61-2	22





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Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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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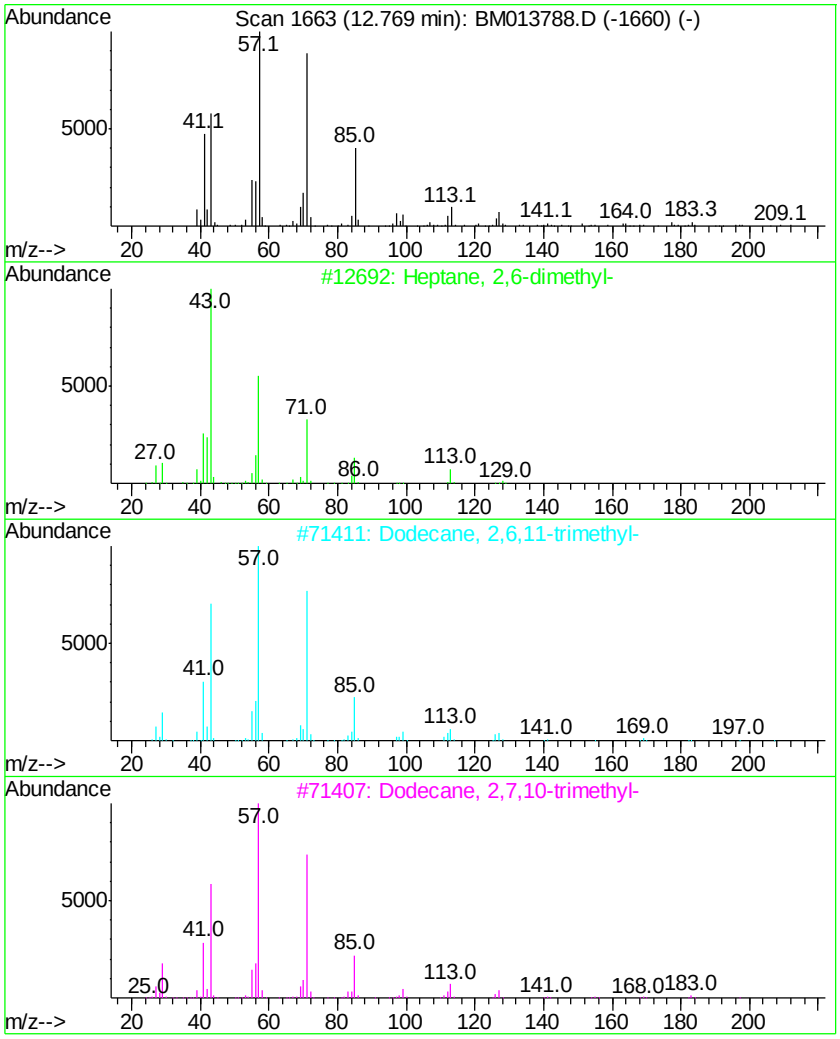
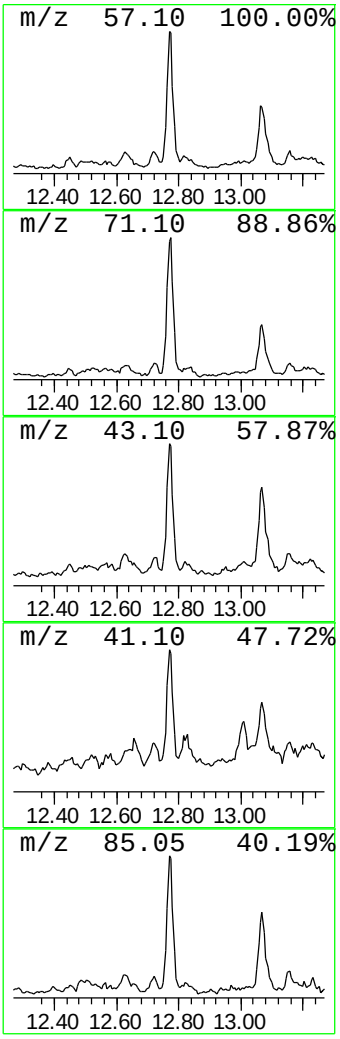
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	10.28 ng/ul	1032800	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





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Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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

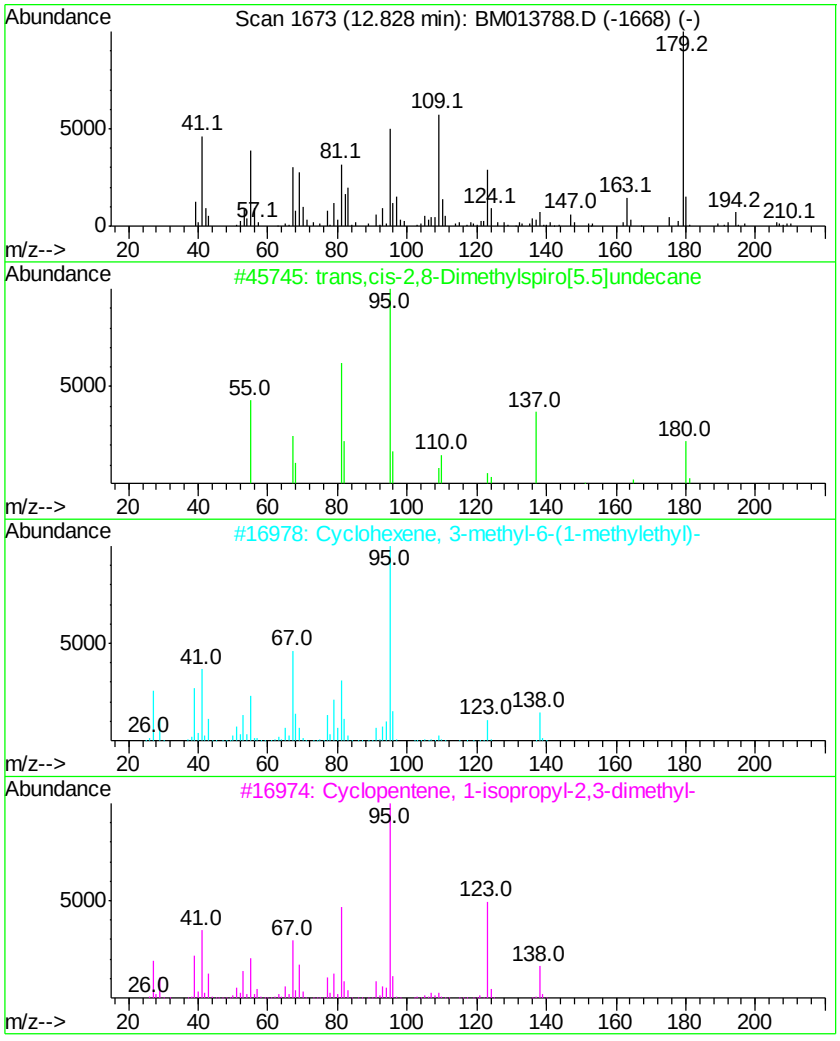
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

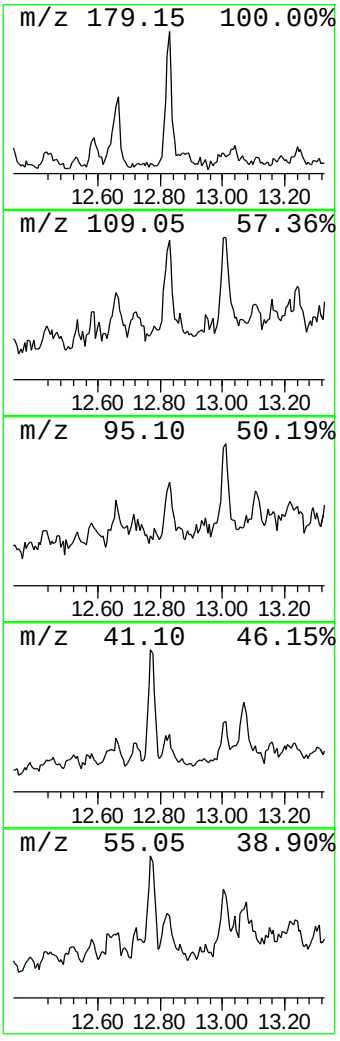
****

Peak Number 13 unknown-06 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	5.13 ng/ul	514950	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,cis-2,8-Dimethylspiro[5.5]...	180	C13H24	095472-52-9	18
2	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	15
3	Cyclopentene, 1-isopropyl-2,3-di...	138	C10H18	007712-73-4	11
4	trans,trans-2,8-Dimethylspiro[5....	180	C13H24	095530-76-0	11
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	11





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Sample : J1223-12
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Instrument : BNA_M
ClientSampleId : F6A98

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Quant Title : SVOA CALIBRATION

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

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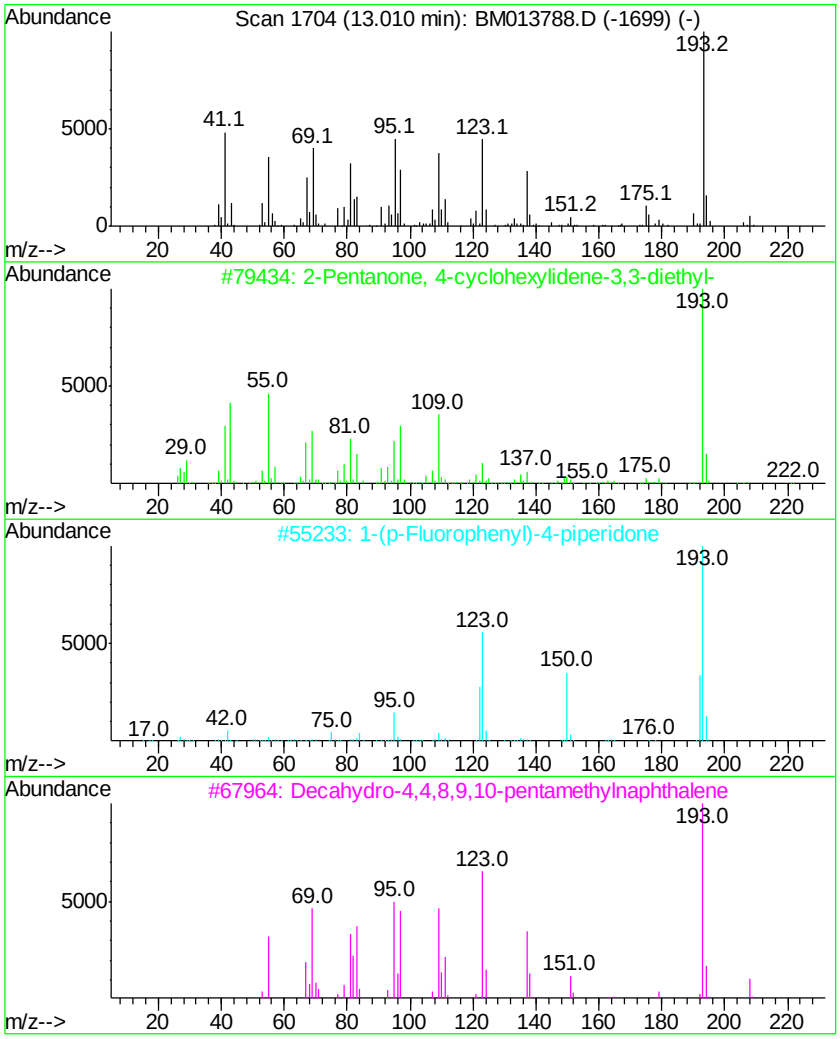
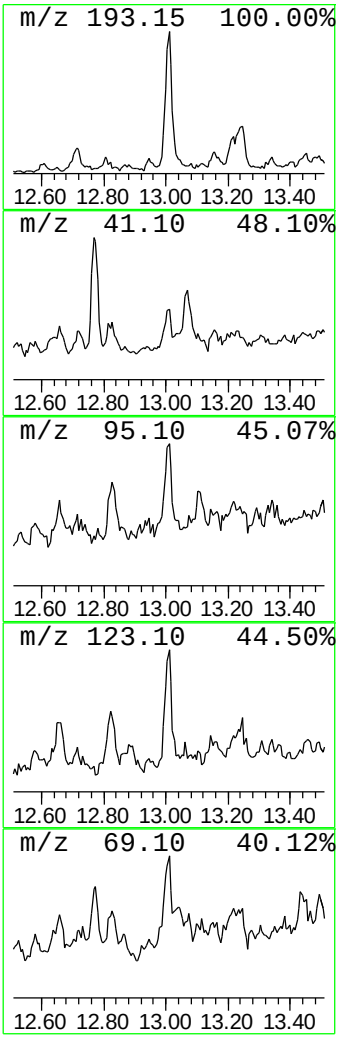
Peak Number 14 2-Pentanone, 4-cyclohexylid... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	5.98 ng/ul	600910	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	52
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	49
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	45
4	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	37
5	1-Anthracenamine	193	C14H11N	000610-49-1	27





Library Search Compound Report

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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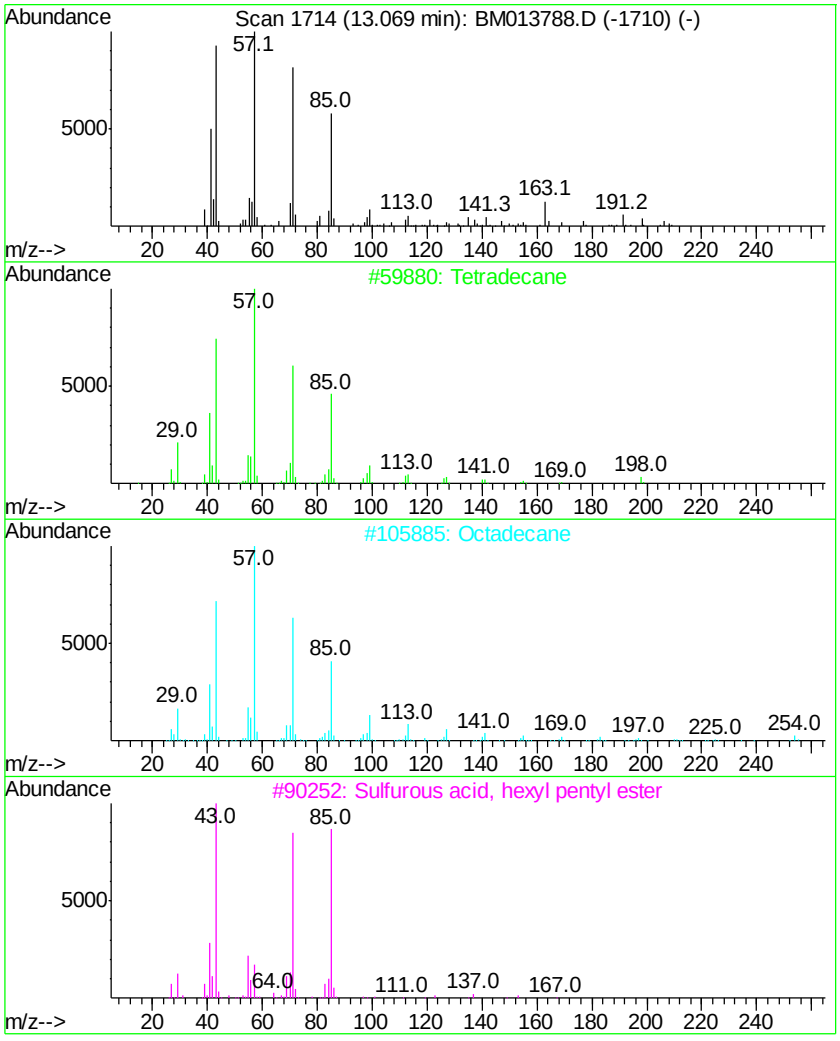
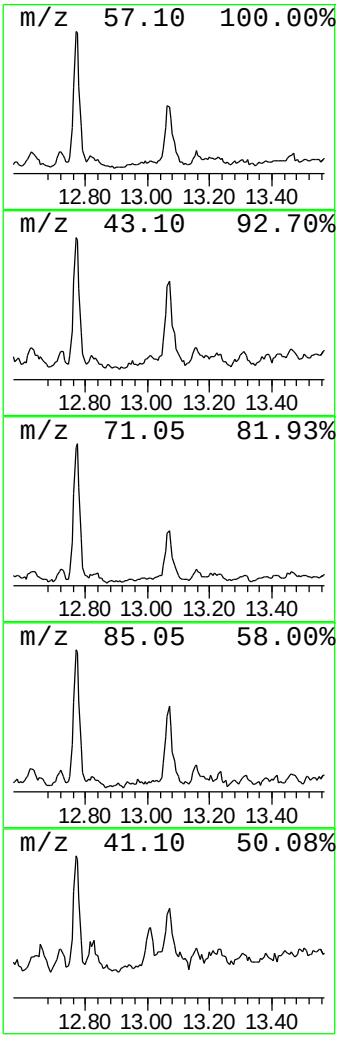
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	6.92 ng/ul	694929	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	78
2	Octadecane	254	C18H38	000593-45-3	64
3	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64
4	Tetradecane	198	C14H30	000629-59-4	62
5	Pentadecane	212	C15H32	000629-62-9	58





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Instrument : BNA_M
ClientSampleId : F6A98

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Quant Title : SVOA CALIBRATION

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

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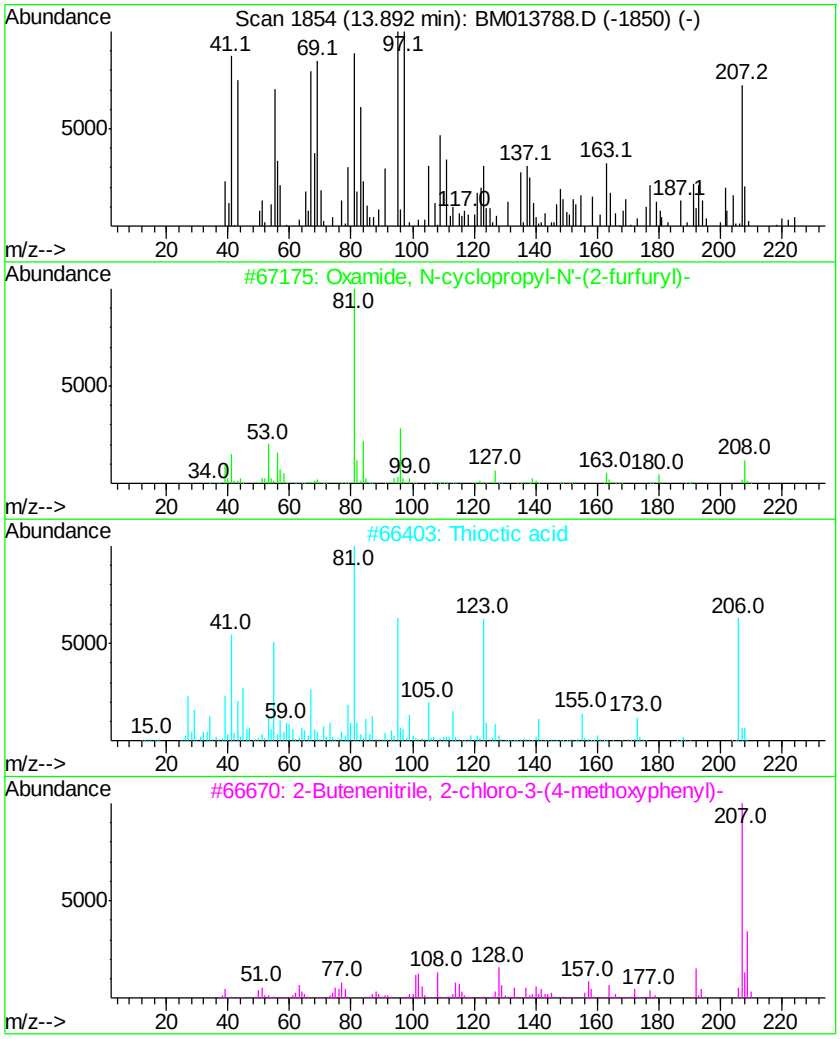
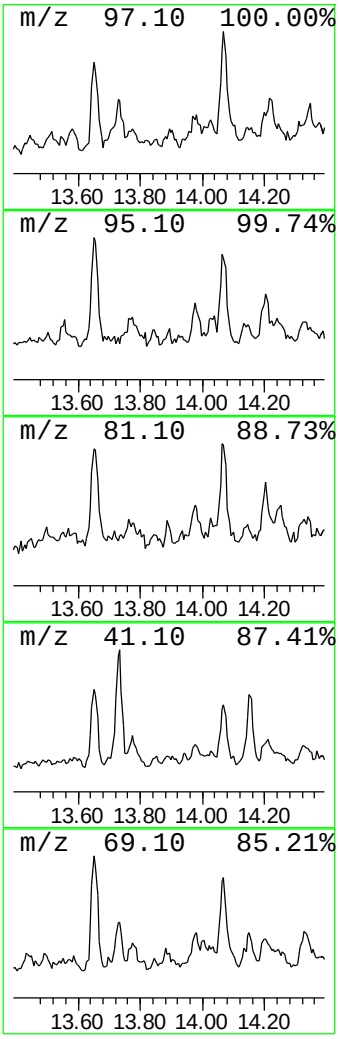
Peak Number 16 unknown-07 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.75 ng/ul	276725	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxamide, N-cyclopropyl-N'-(2-fur...	208	C10H12N2O3	296773-01-8	35
2	Thioctic acid	206	C8H14O2S2	001077-28-7	30
3	2-Butenenitrile, 2-chloro-3-(4-m...	207	C11H10ClNO	1000305-66-7	25
4	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	22
5	(9-Oxabicyclo[3.3.1]non-6-en-3-y...	154	C9H14O2	1000191-02-8	20





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ClientSampleId : F6A98

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Quant Title : SVOA CALIBRATION

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

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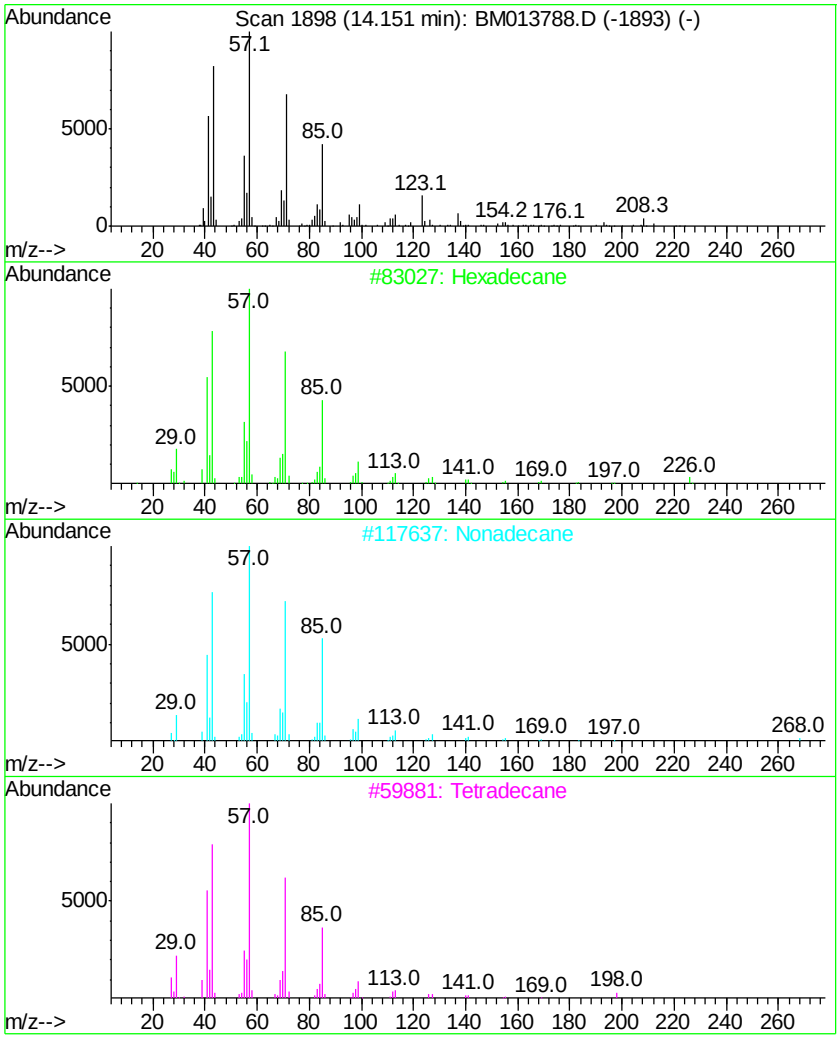
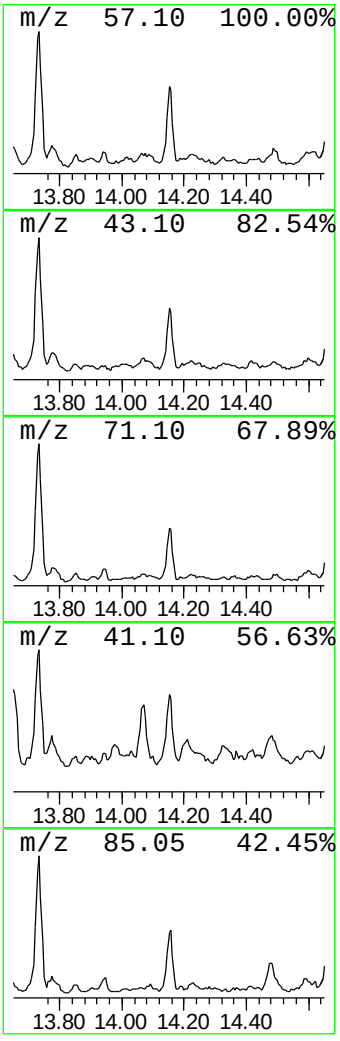
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	9.90 ng/ul	994265	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Nonadecane	268	C19H40	000629-92-5	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Tridecane	184	C13H28	000629-50-5	80
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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

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

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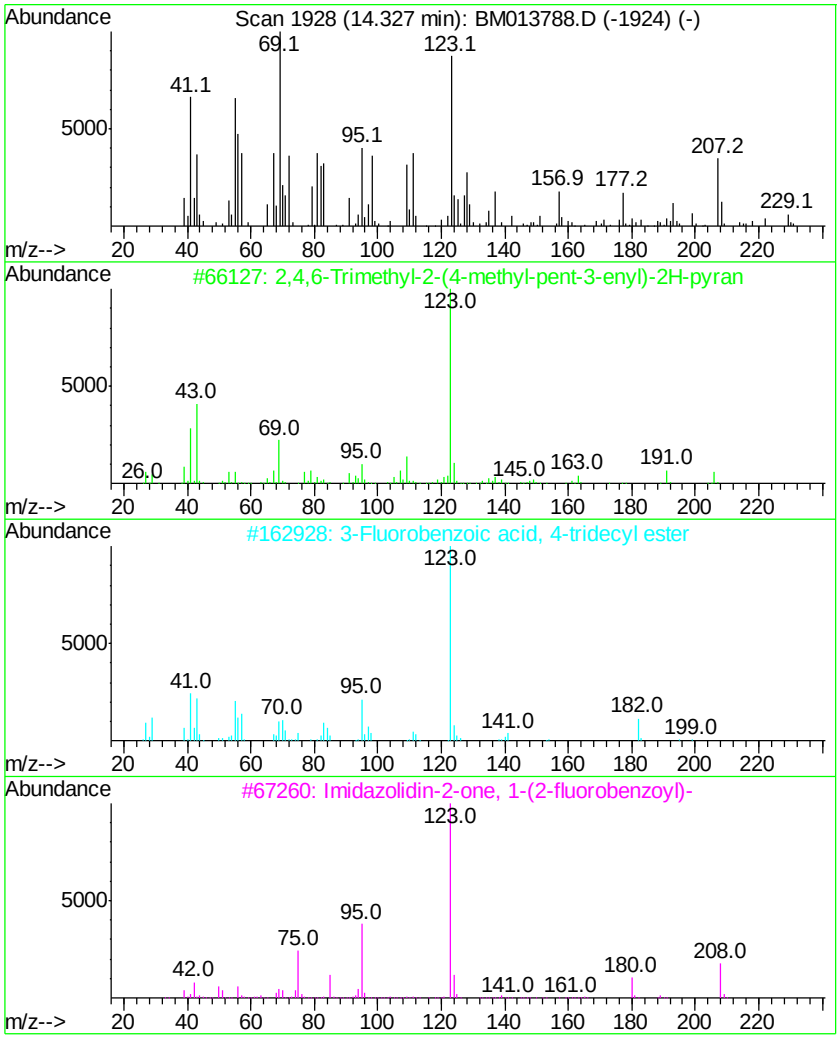
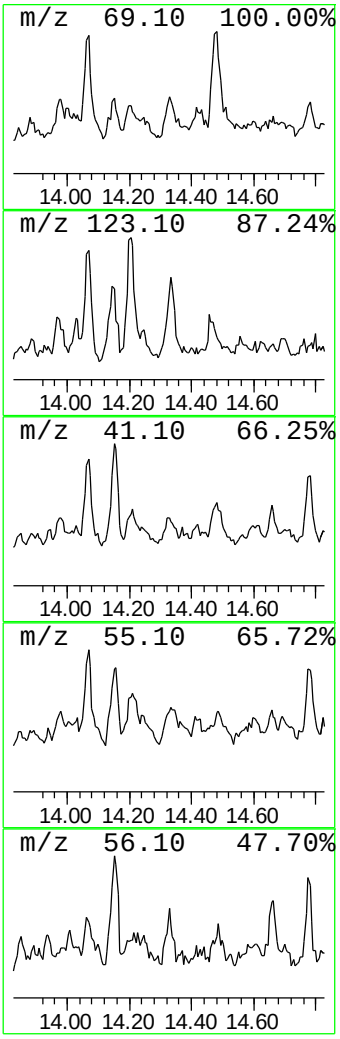
Peak Number 19 unknown-08 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	5.95 ng/ul	597971	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethyl-2-(4-methyl-pent...	206	C14H22O	1000193-58-6	27
2	3-Fluorobenzoic acid, 4-tridecyl...	322	C20H31FO2	1000280-60-4	27
3	Imidazolidin-2-one, 1-(2-fluorob...	208	C10H9FN2O2	1000310-62-2	27
4	4-Fluorobenzoic acid, 3-tridecyl...	322	C20H31FO2	1000280-67-9	27
5	Bromo-4-fluoroacetophenone	216	C8H6BrFO	000403-29-2	27





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Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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

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

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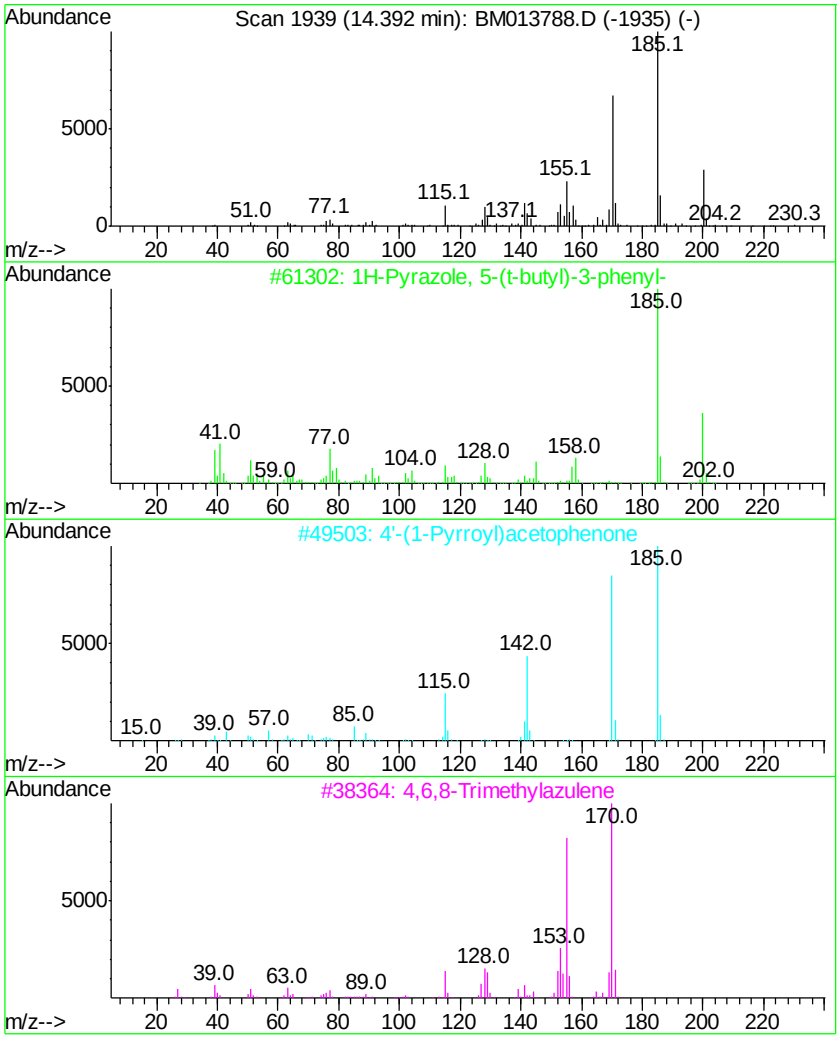
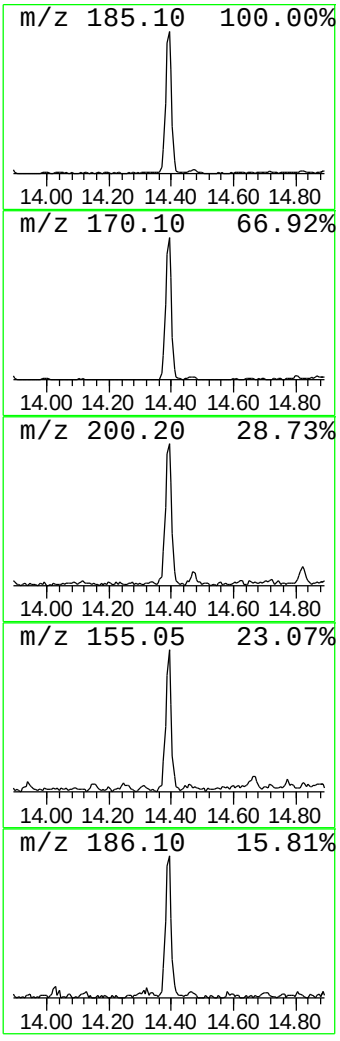
Peak Number 20 1H-Pyrazole, 5-(t-butyl)-3-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	14.03 ng/ul	1409270	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 5-(t-butyl)-3-phenyl-	200	C13H16N2	1000261-34-8	55
2	4'-(1-Pyrroyl)acetophenone	185	C12H11NO	022106-37-2	50
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	42
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	42
5	Benzenesulfonamide, 3-amino-4-et...	200	C8H12N2O2S	1000362-68-4	38





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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Quant Title : SVOA CALIBRATION

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

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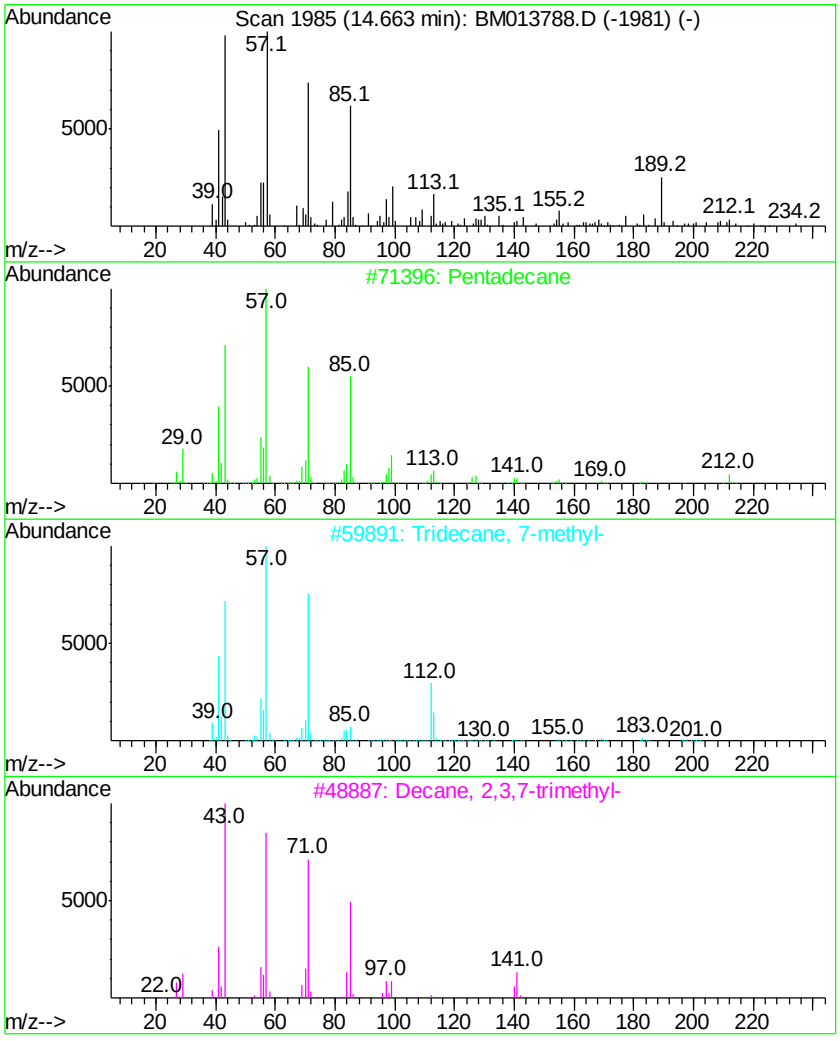
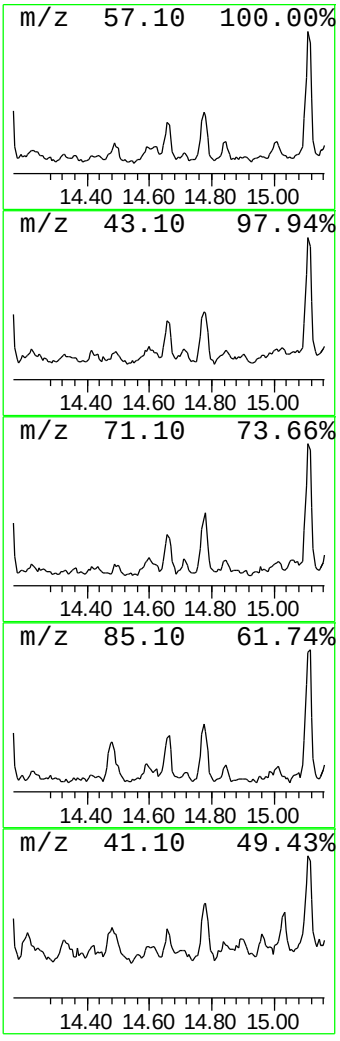
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	3.15 ng/ul	316176	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	60
3	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	59
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	52





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Instrument : BNA_M
ClientSampleId : F6A98

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Quant Title : SVOA CALIBRATION

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

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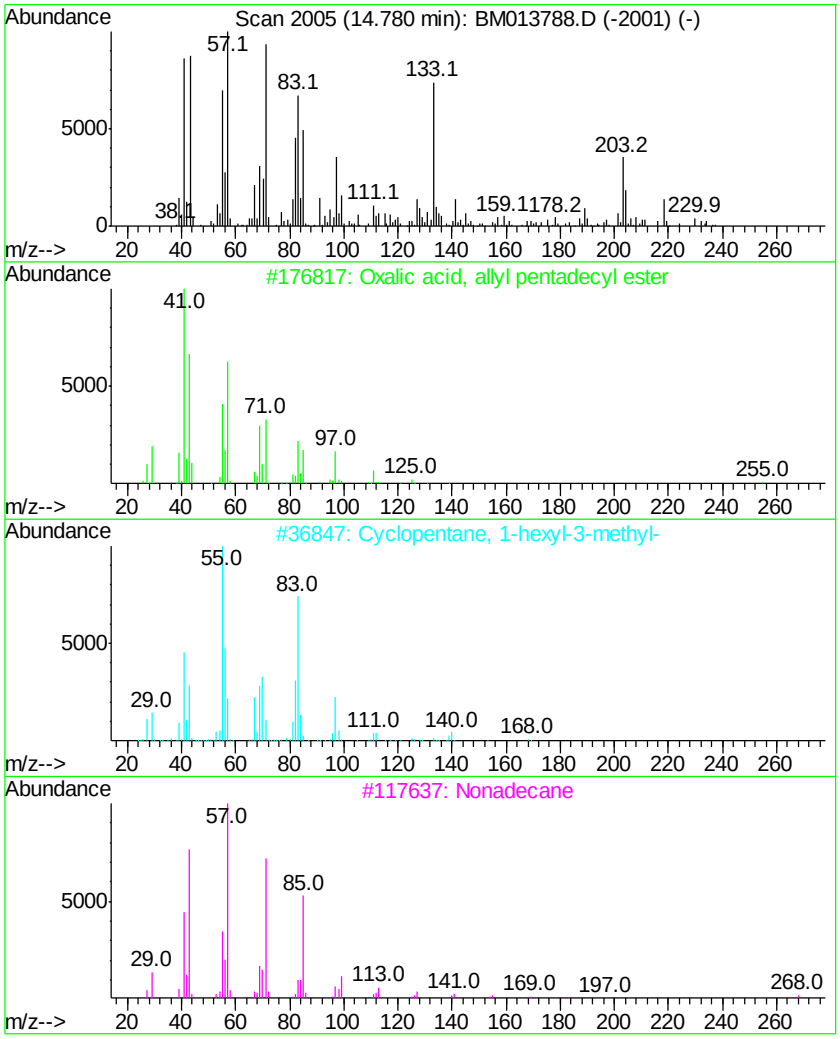
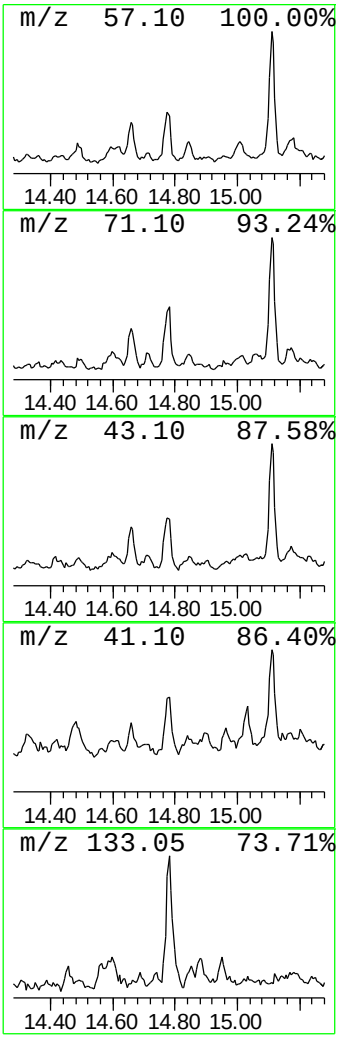
Peak Number 22 unknown-09 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	10.73 ng/ul	1077670	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	46
2	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	40
3	Nonadecane	268	C19H40	000629-92-5	30
4	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	25
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	25





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ClientSampleId : F6A98

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Quant Title : SVOA CALIBRATION

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

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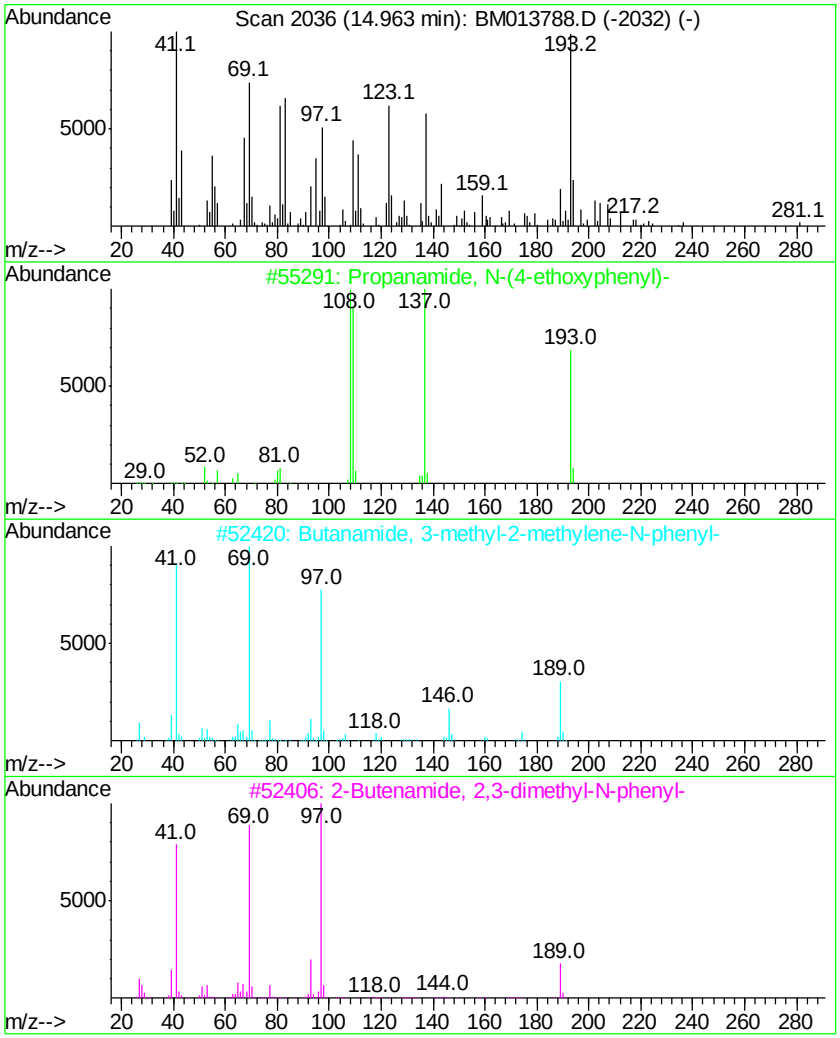
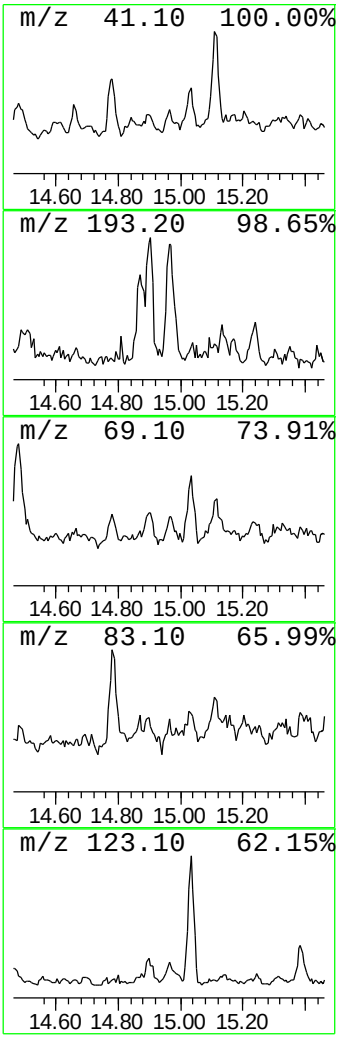
Peak Number 23 unknown-10 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	3.85 ng/ul	386732	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanamide, N-(4-ethoxyphenyl)-	193	C11H15NO2	019314-14-8	25
2	Butanamide, 3-methyl-2-methylene...	189	C12H15NO	095383-63-4	25
3	2-Butenamide, 2,3-dimethyl-N-phe...	189	C12H15NO	024735-54-4	22
4	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	007056-56-6	18
5	Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	14





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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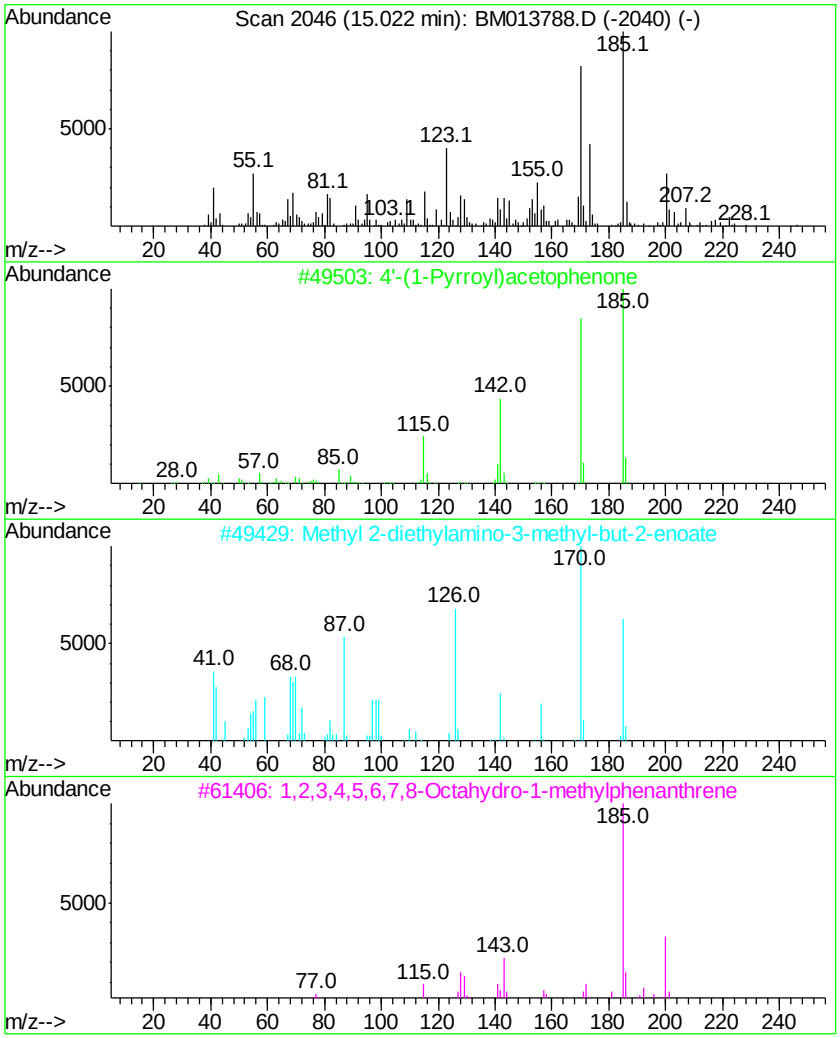
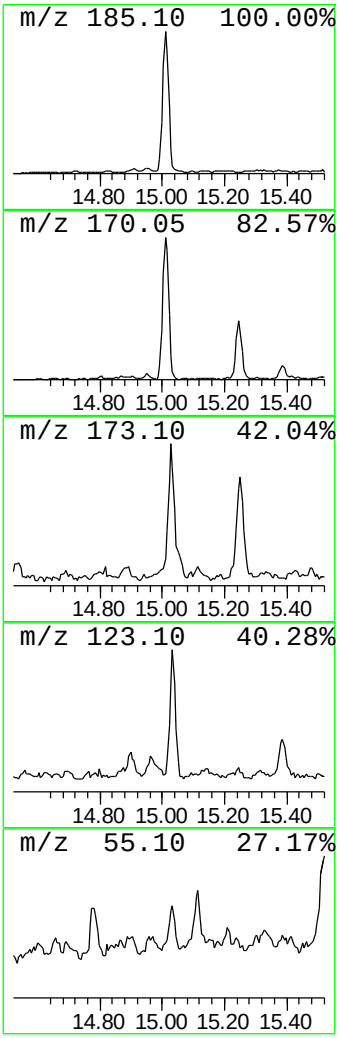
Peak Number 24 4'-(1-Pyrroyl)acetophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	9.46 ng/ul	950733	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-(1-Pyrroyl)acetophenone	185	C12H11NO	022106-37-2	58
2	Methyl 2-diethylamino-3-methyl-b...	185	C10H19NO2	075122-81-5	52
3	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	50
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46





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Instrument : BNA_M
ClientSampleId : F6A98

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Quant Title : SVOA CALIBRATION

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

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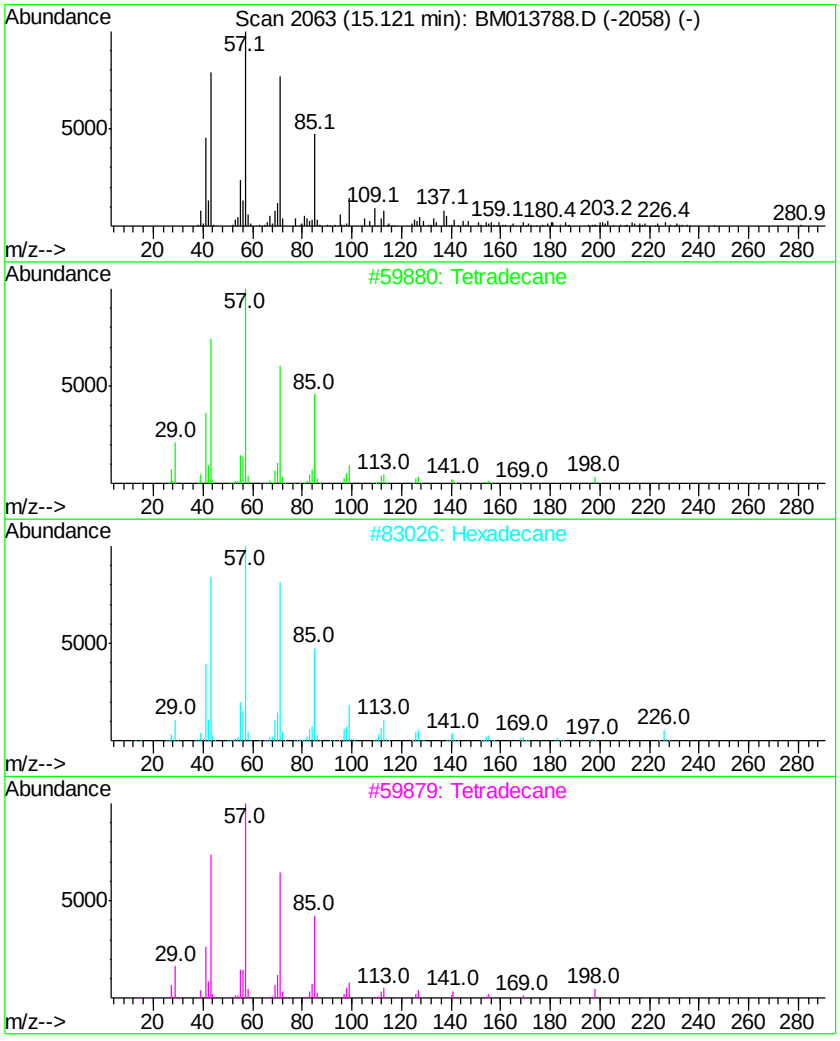
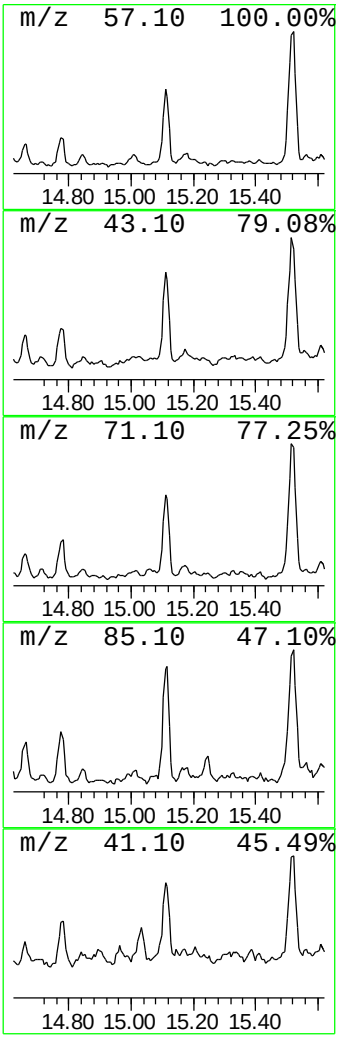
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	9.09 ng/ul	912888	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80





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Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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Quant Title : SVOA CALIBRATION

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

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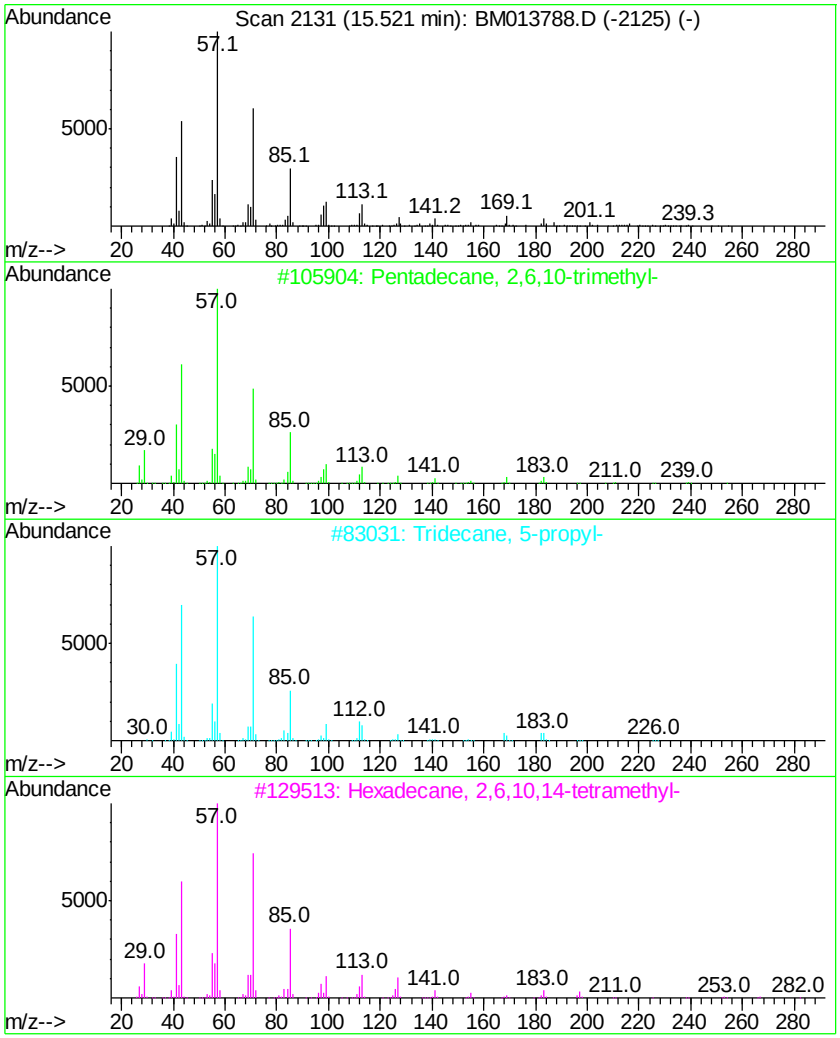
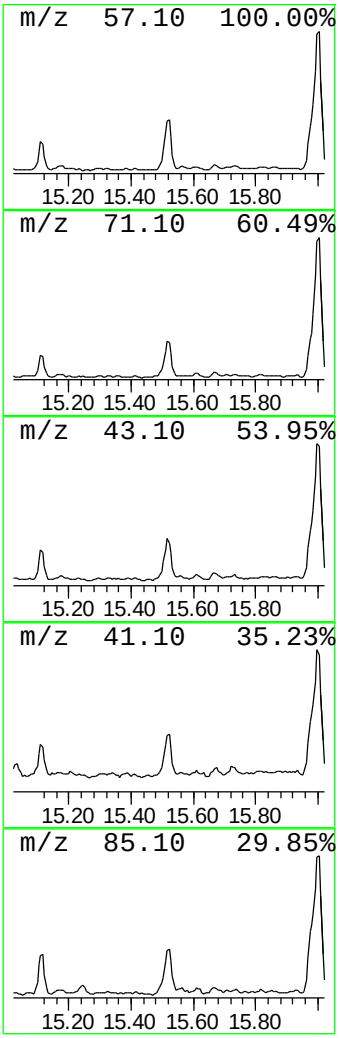
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	19.92 ng/ul	2001130	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
4	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	72
5	Heptacosane	380	C27H56	000593-49-7	72





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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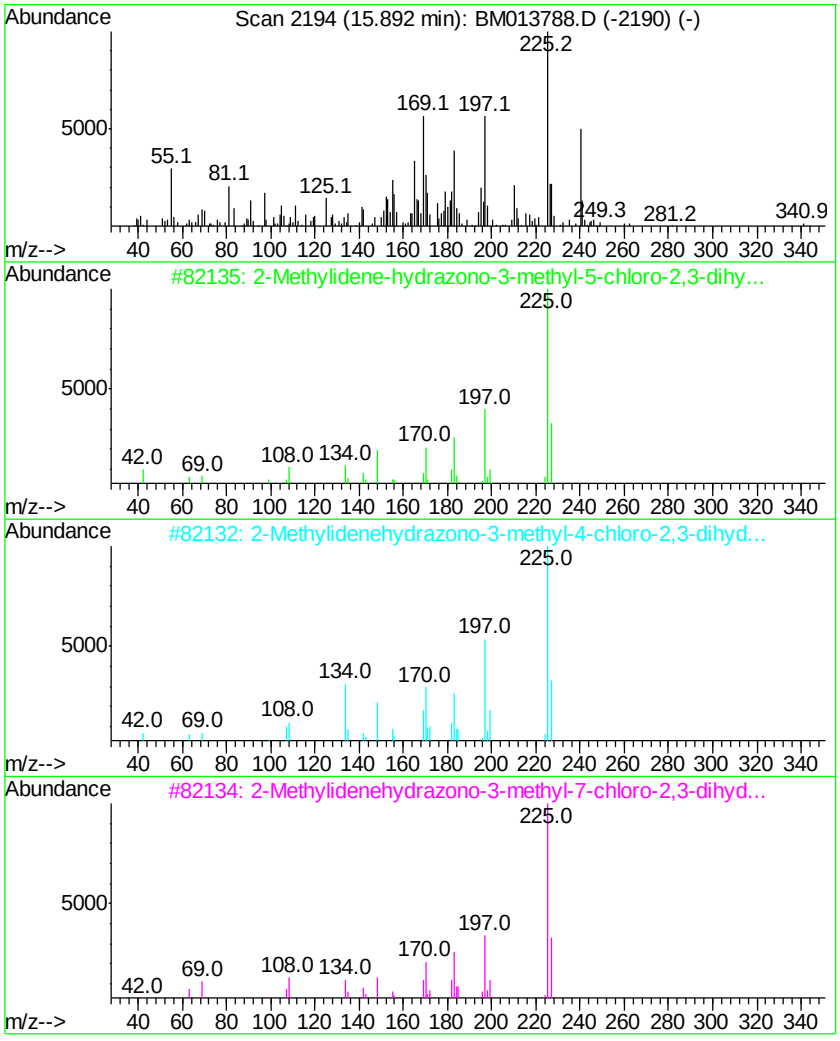
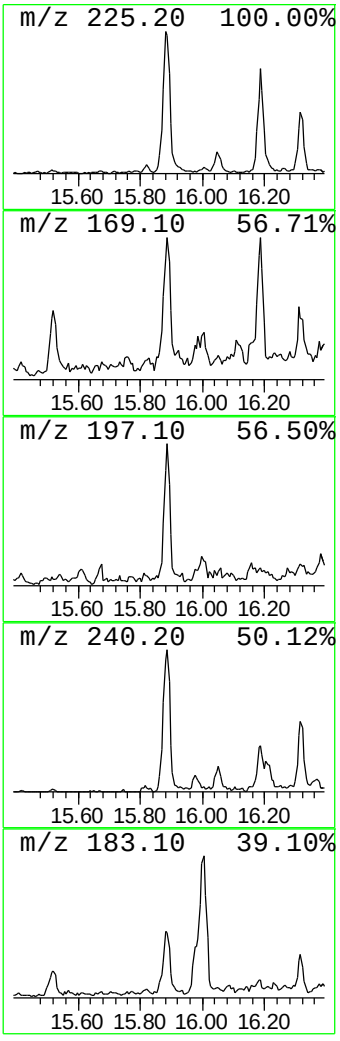
Peak Number 27 2-Methylidene-hydrazono-3-m... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	4.23 ng/ul	600396	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylidene-hydrazono-3-methyl...	225	C9H8ClN3S	1000147-91-3	55
2	2-Methylidenehydrazono-3-methyl-...	225	C9H8ClN3S	1000147-91-4	49
3	2-Methylidenehydrazono-3-methyl-...	225	C9H8ClN3S	1000147-91-6	43
4	2-Methylidenehydrazono-3-methyl-...	225	C9H8ClN3S	1000147-91-5	43
5	6,7-Dihydro-2-isopropylamino-8-m...	225	C9H15N5O2	1000101-98-2	38





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Quant Title : SVOA CALIBRATION

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

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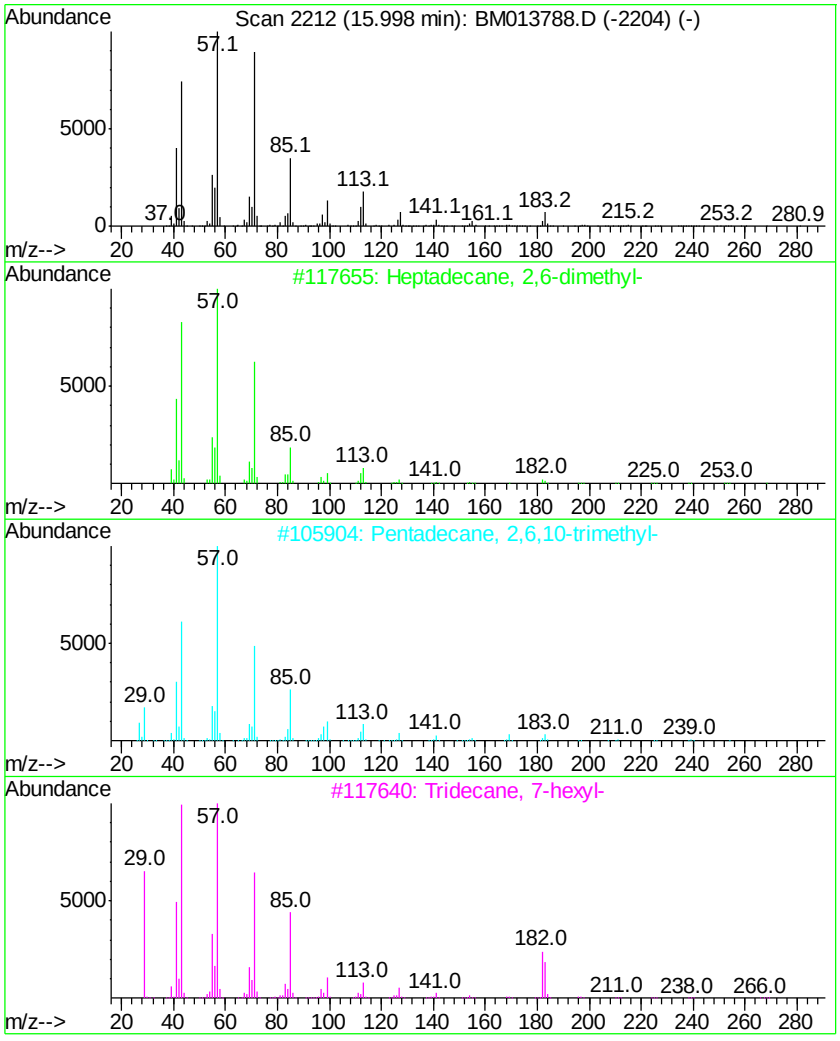
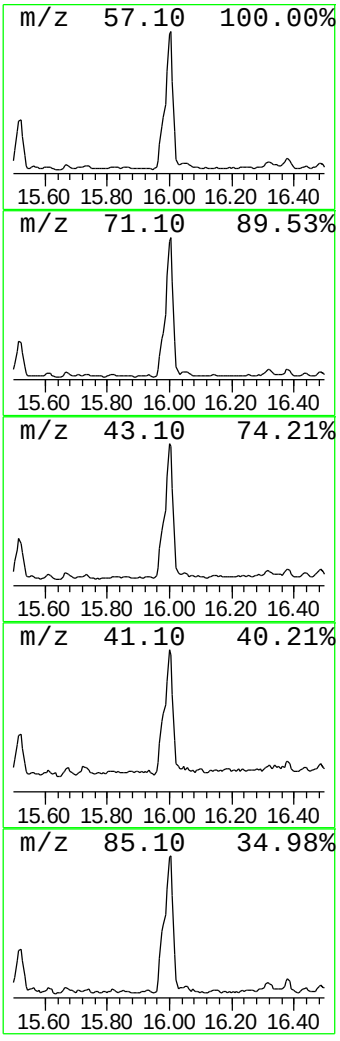
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	54.07 ng/ul	7681210	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	78
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72





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ClientSampleId : F6A98

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Quant Title : SVOA CALIBRATION

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

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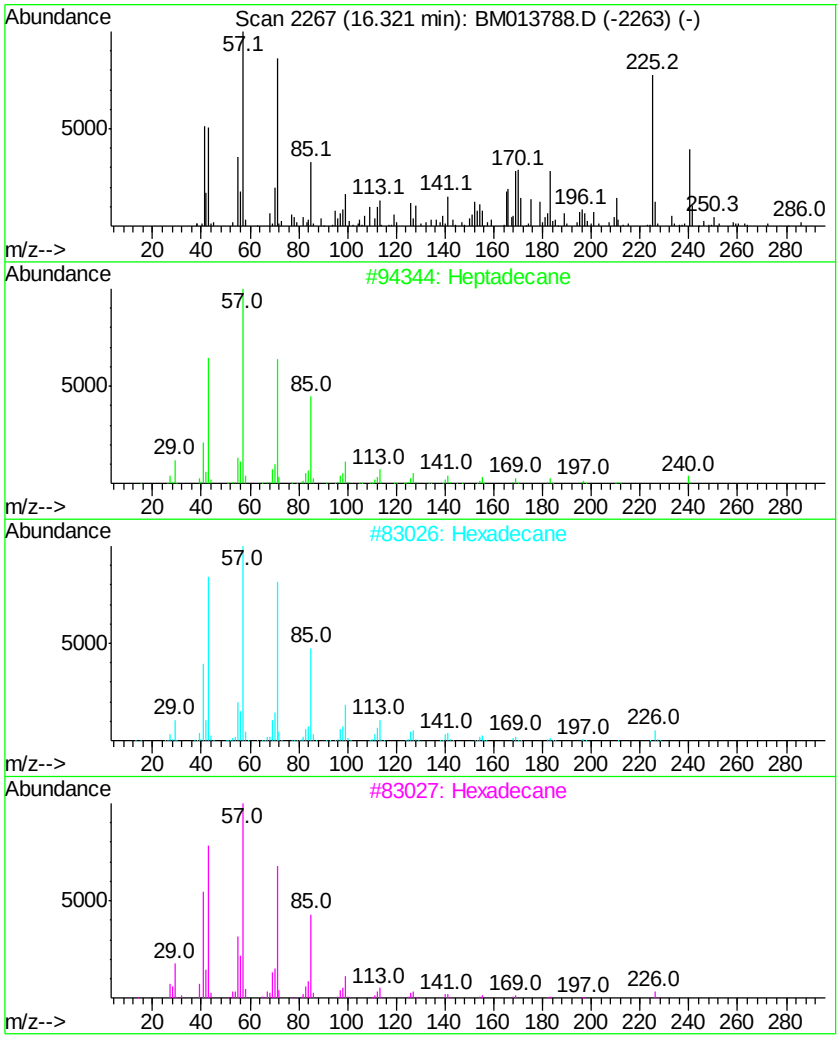
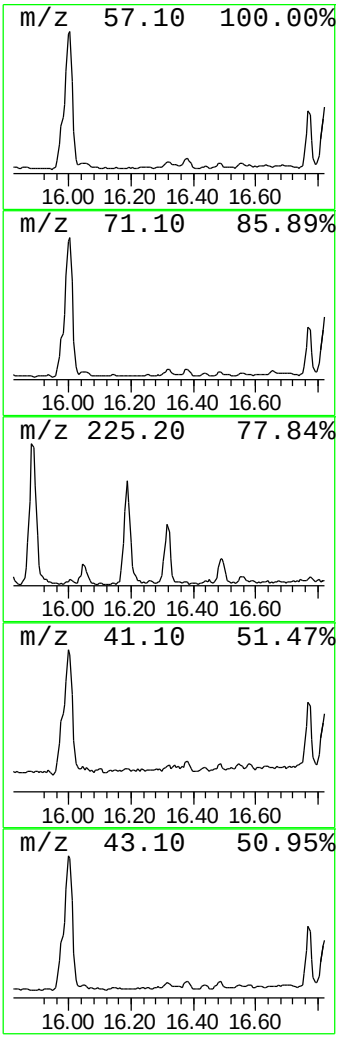
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.49 ng/ul	354408	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	76
2	Hexadecane	226	C16H34	000544-76-3	47
3	Hexadecane	226	C16H34	000544-76-3	44
4	Naphthalene, 2,6-bis(1,1-dimethy...	240	C18H24	003905-64-4	38
5	6,7-Dihydro-2-isopropylamino-8-m...	225	C9H15N5O2	1000101-98-2	25





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

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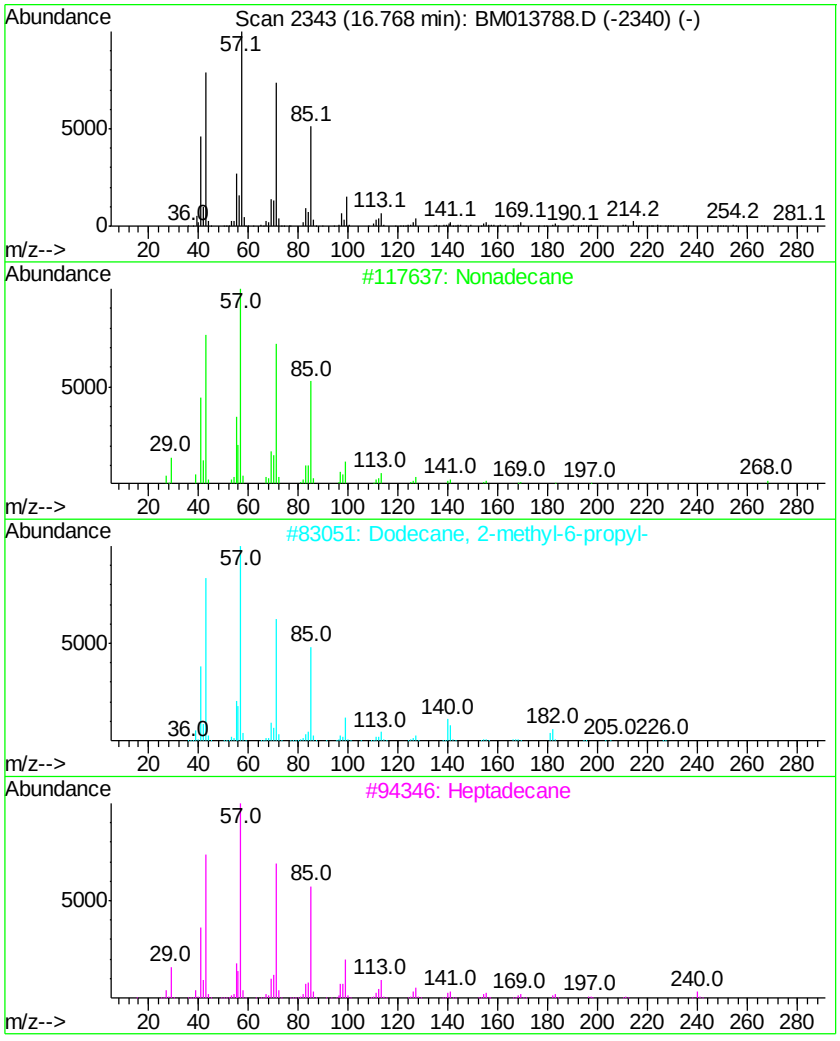
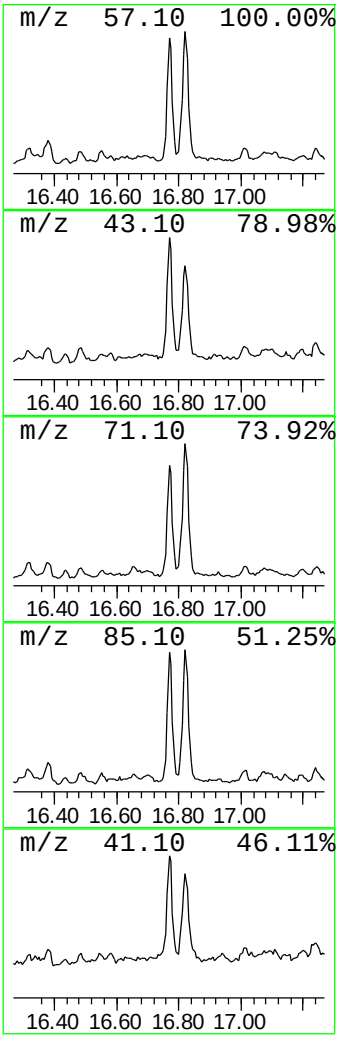
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	14.05 ng/ul	1995810	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tetradecane	198	C14H30	000629-59-4	86





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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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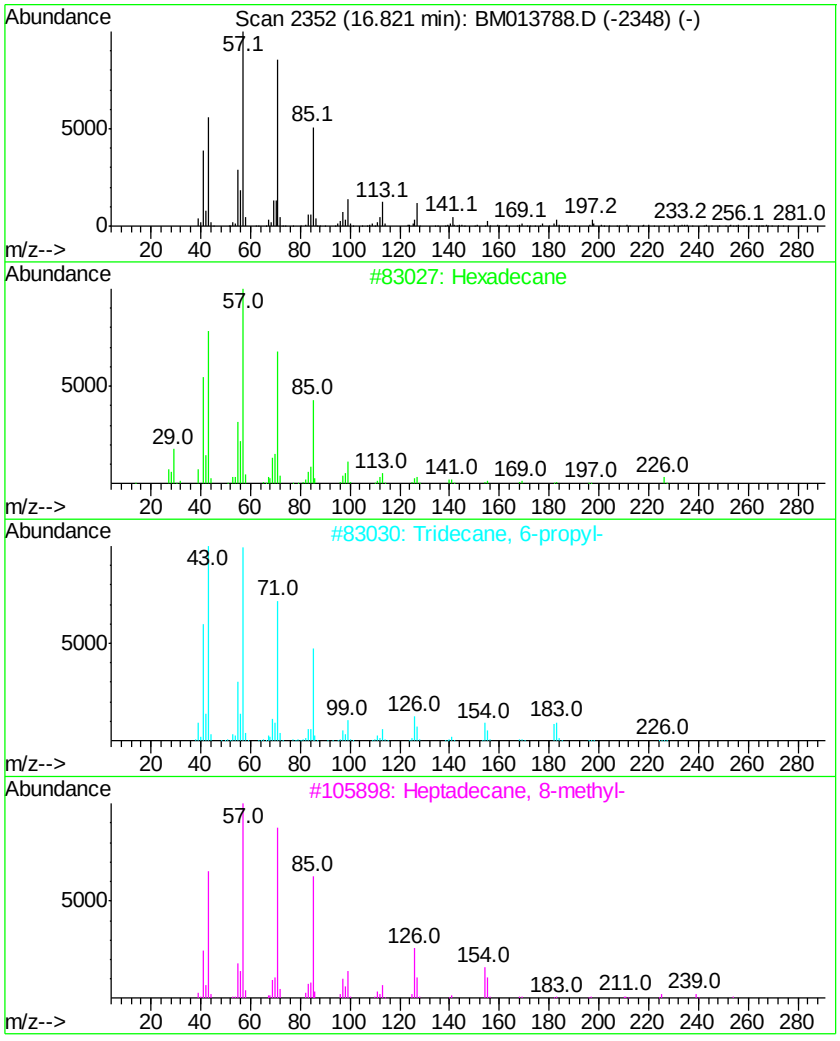
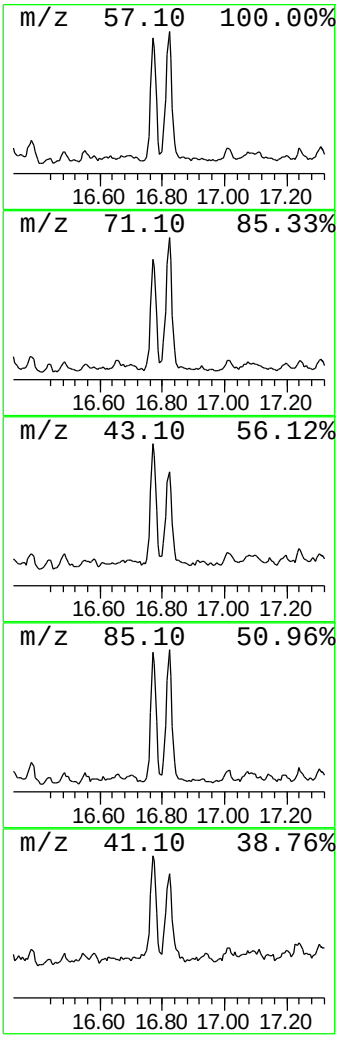
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	18.94 ng/ul	2690470	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tetradecane	198	C14H30	000629-59-4	87





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Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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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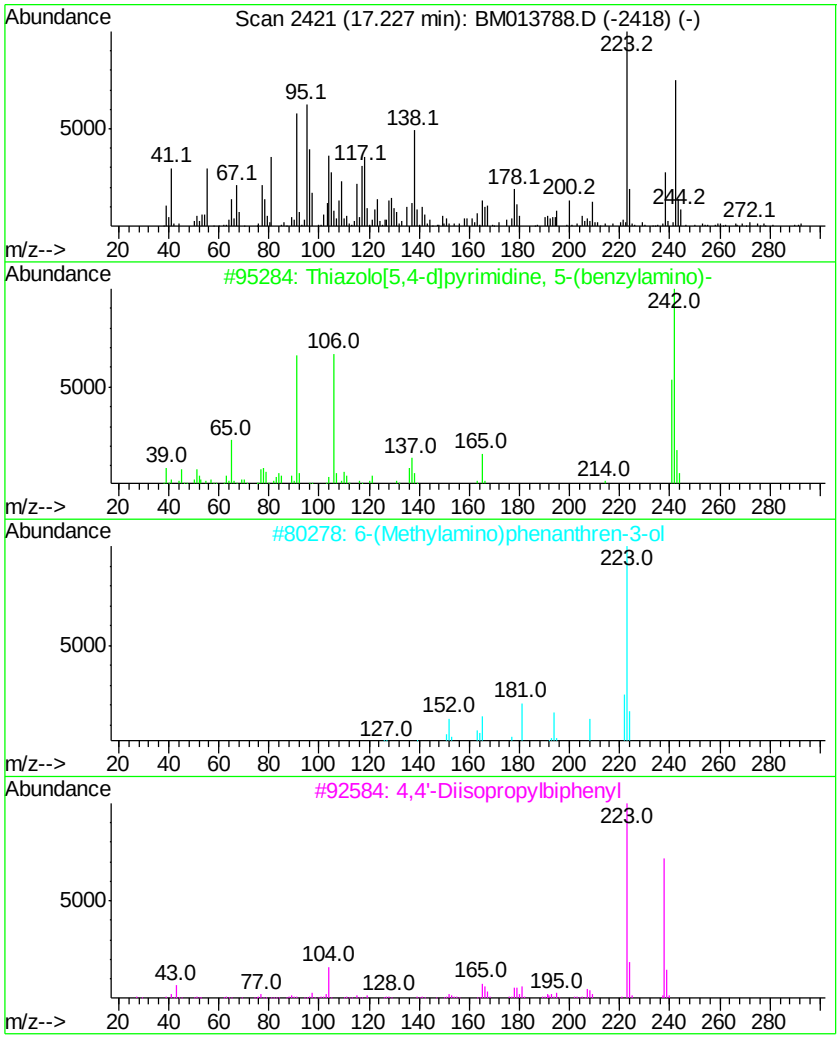
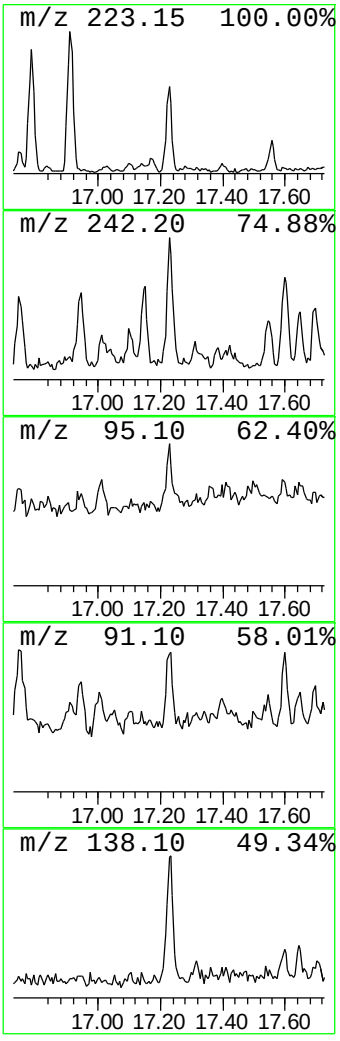
Peak Number 32 unknown-11 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	5.47 ng/ul	776908	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazolo[5,4-d]pyrimidine, 5-(be...	242	C12H10N4S	019835-22-4	43
2	6-(Methylamino)phenanthren-3-ol	223	C15H13NO	098033-23-9	38
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	35
4	Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	25
5	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	20





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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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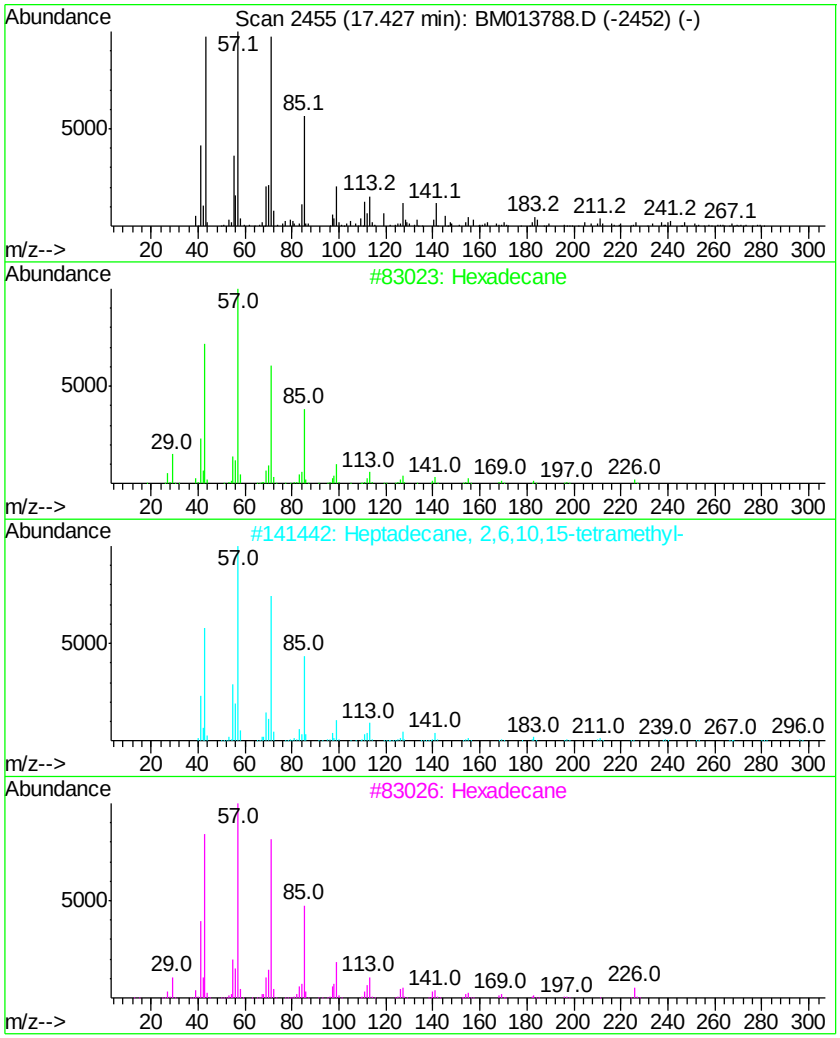
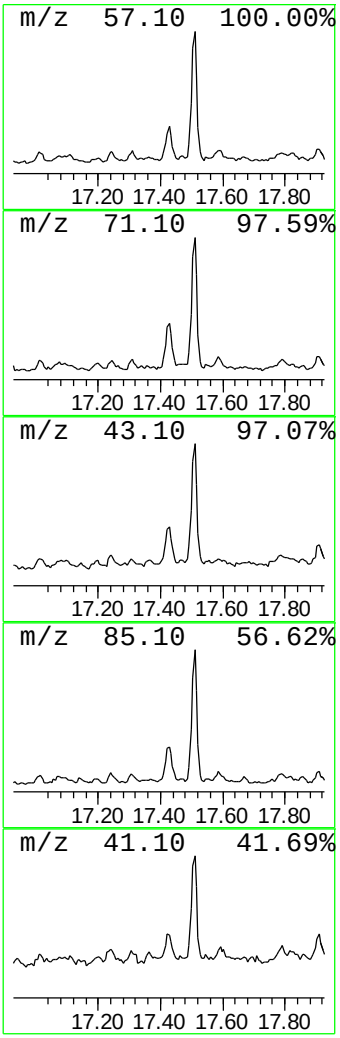
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	7.61 ng/ul	1080750	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Hexadecane	226	C16H34	000544-76-3	81
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
5	Octadecane	254	C18H38	000593-45-3	80





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

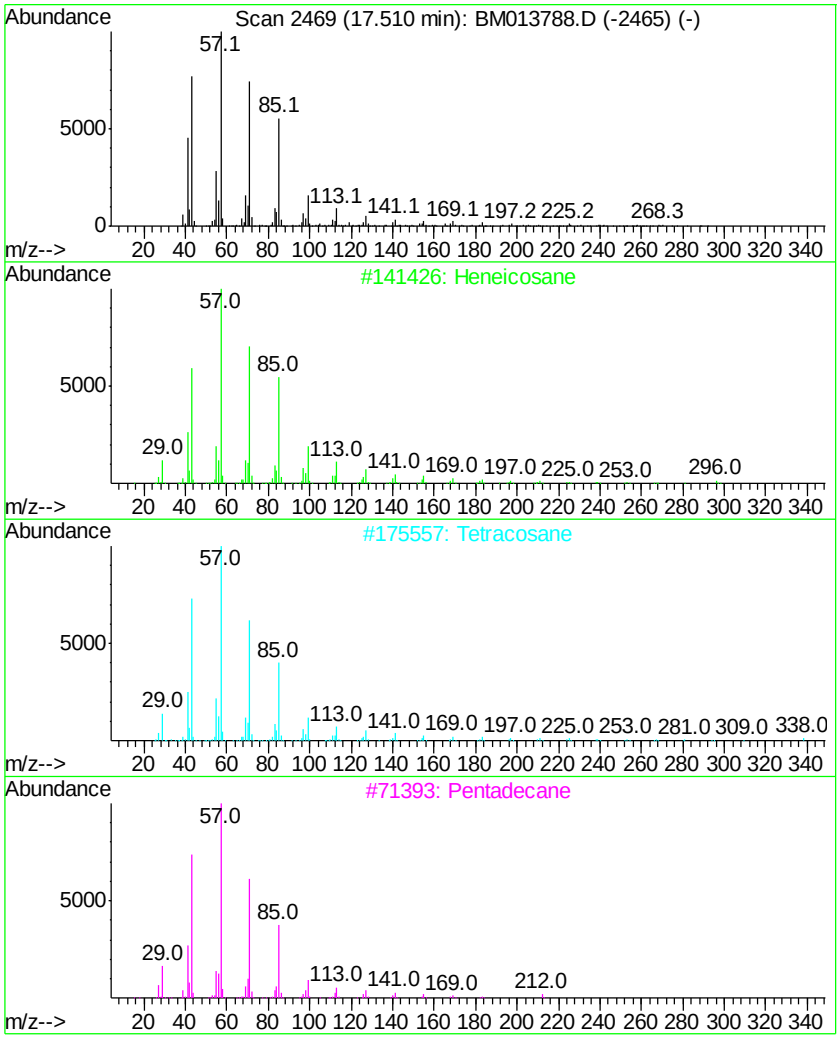
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

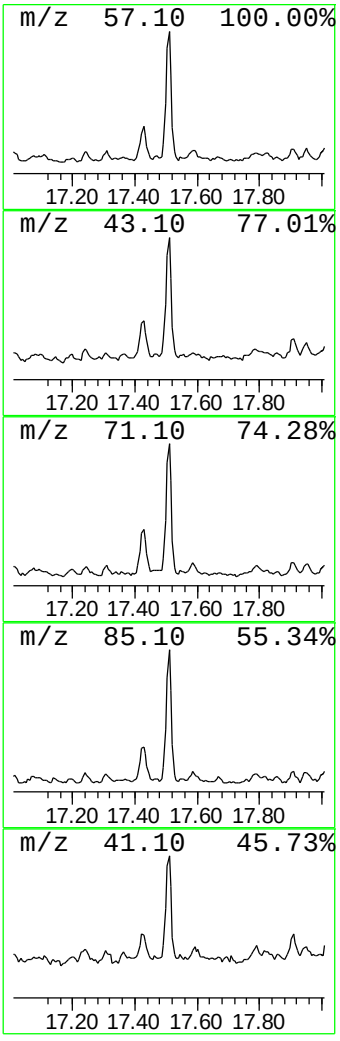
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	17.64 ng/ul	2505780	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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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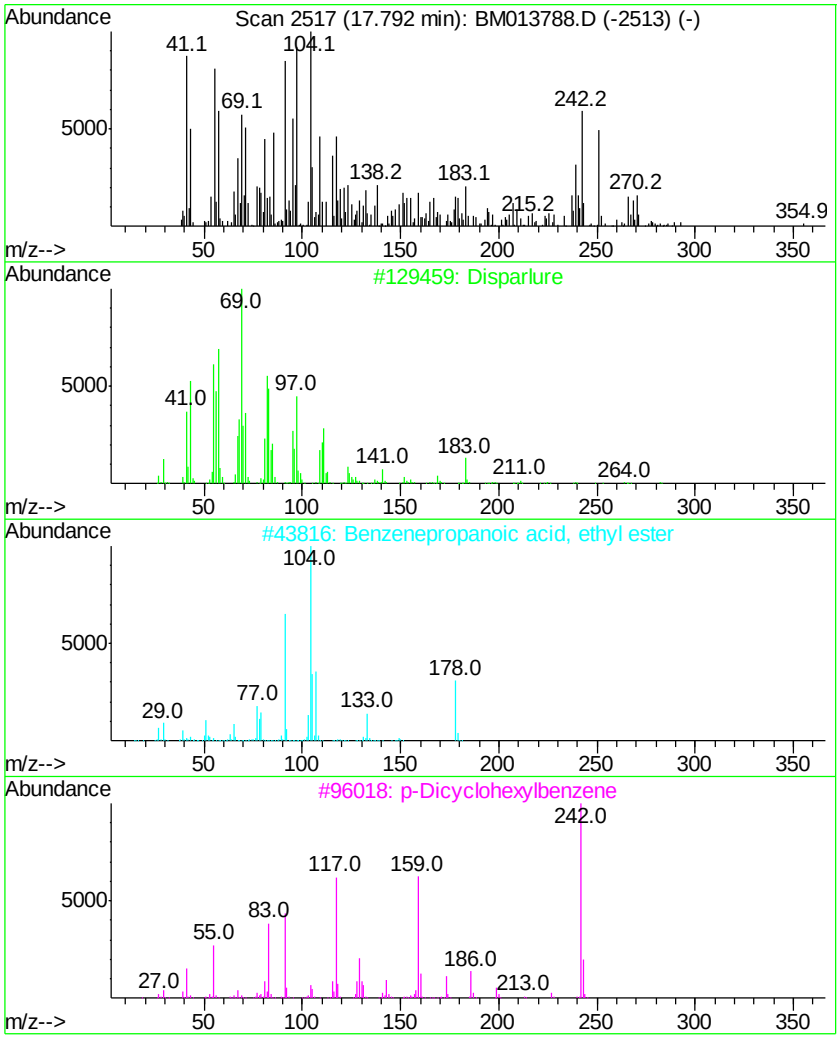
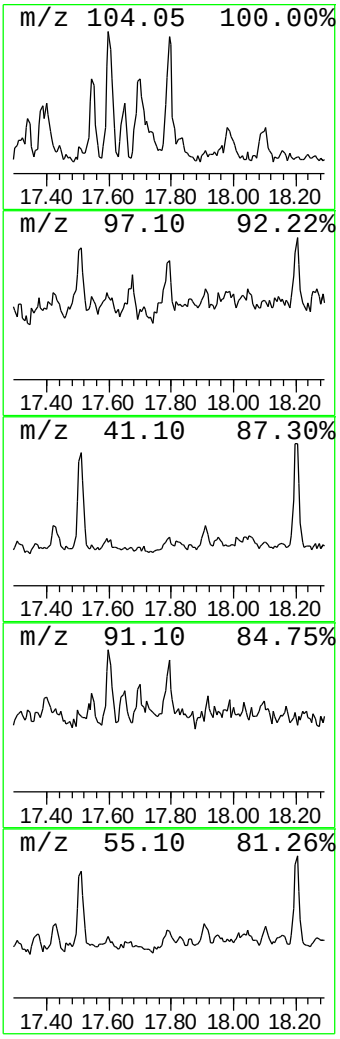
Peak Number 35 unknown-12 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	7.16 ng/ul	1017850	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disparlure	282	C19H38O	029804-22-6	25
2	Benzenepropanoic acid, ethyl ester	178	C11H14O2	002021-28-5	15
3	p-Dicyclohexylbenzene	242	C18H26	001087-02-1	15
4	Pyridin-3-yl 2-methylbutanoate	179	C10H13NO2	1000372-73-7	15
5	Benzenepropanoic acid, methyl ester	164	C10H12O2	000103-25-3	15





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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

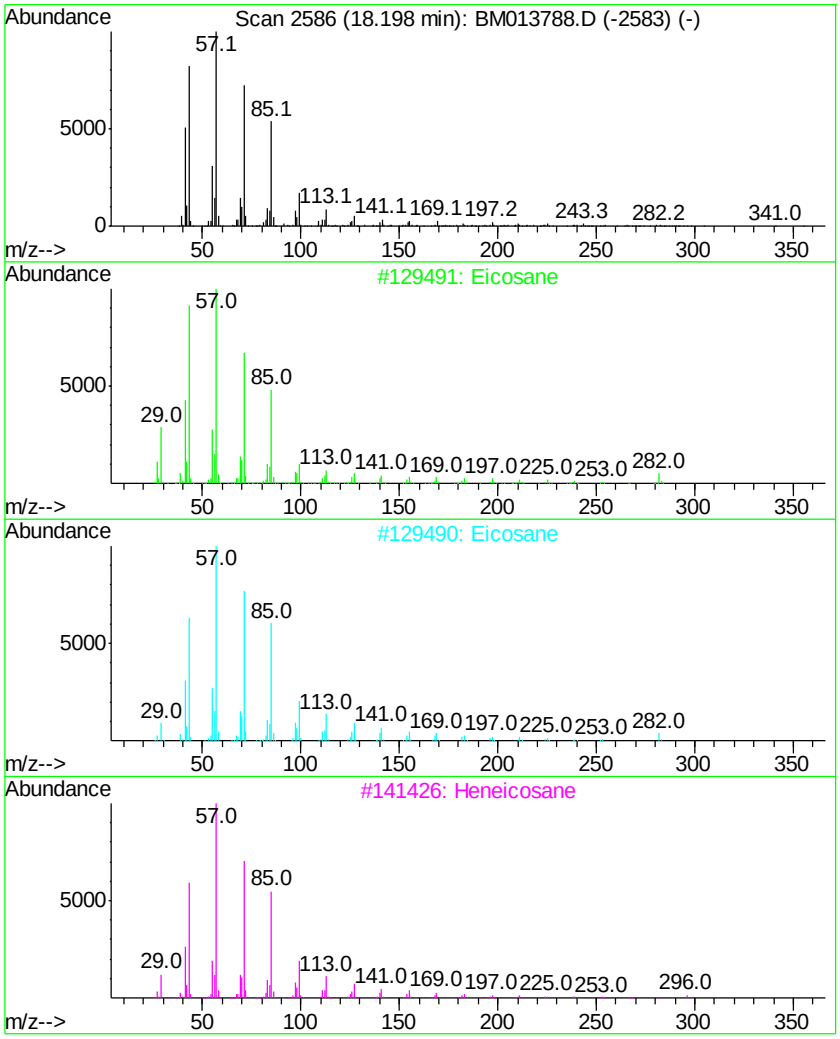
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

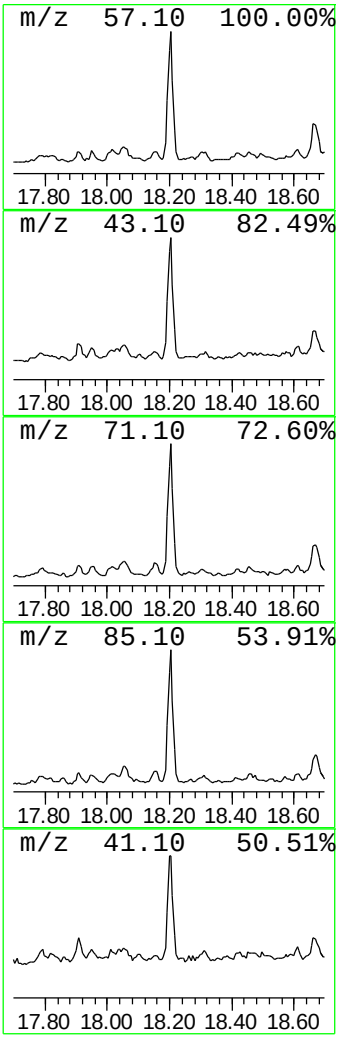
****

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	20.76 ng/ul	2949470	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Eicosane	282	C20H42	000112-95-8	97
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane	240	C17H36	000629-78-7	91





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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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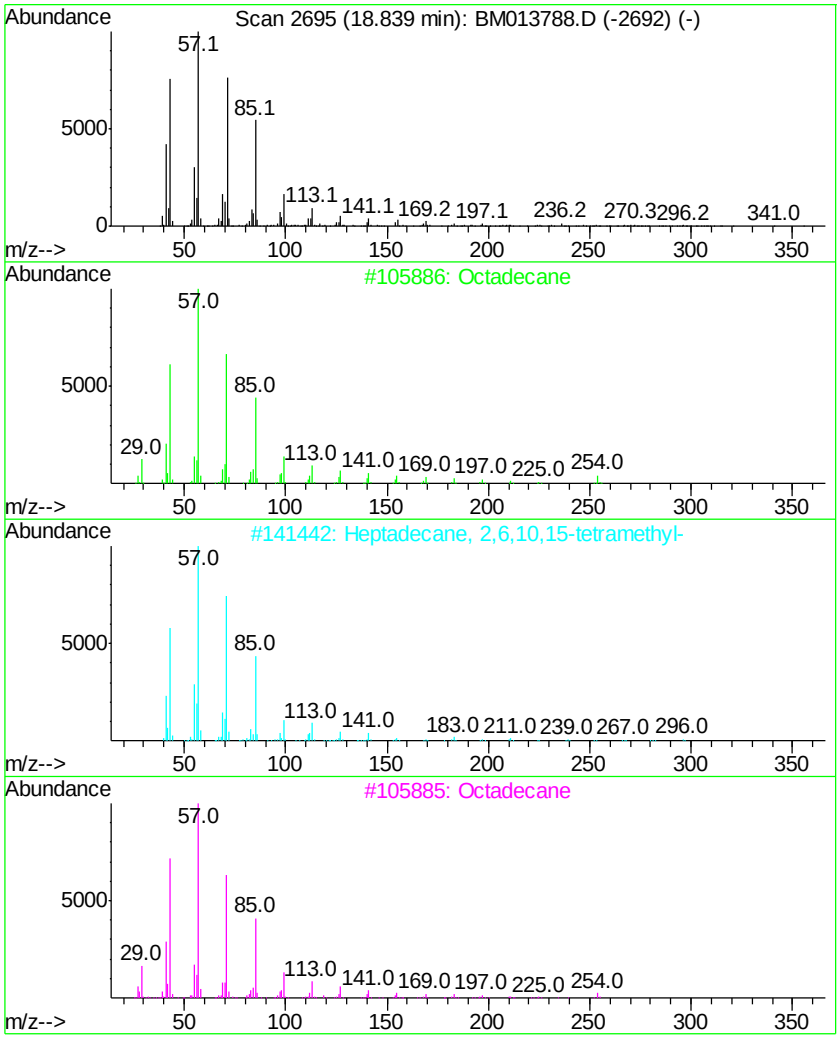
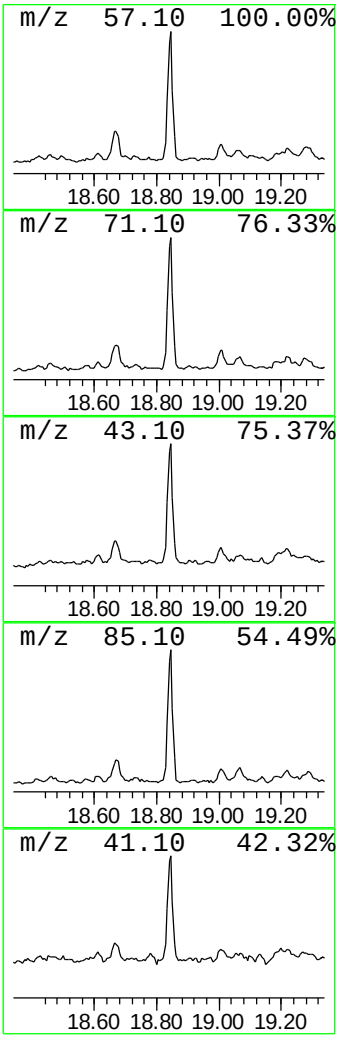
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	22.09 ng/ul	3138260	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
3	Octadecane	254	C18H38	000593-45-3	95
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane	282	C20H42	000112-95-8	91





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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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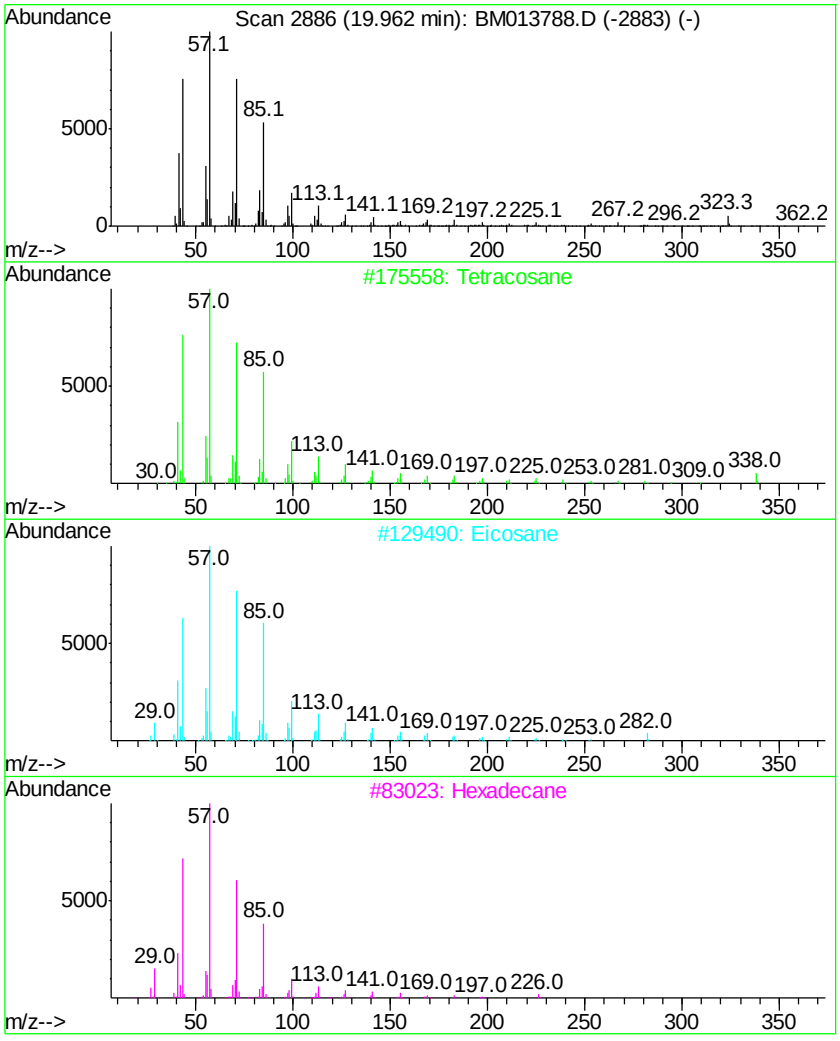
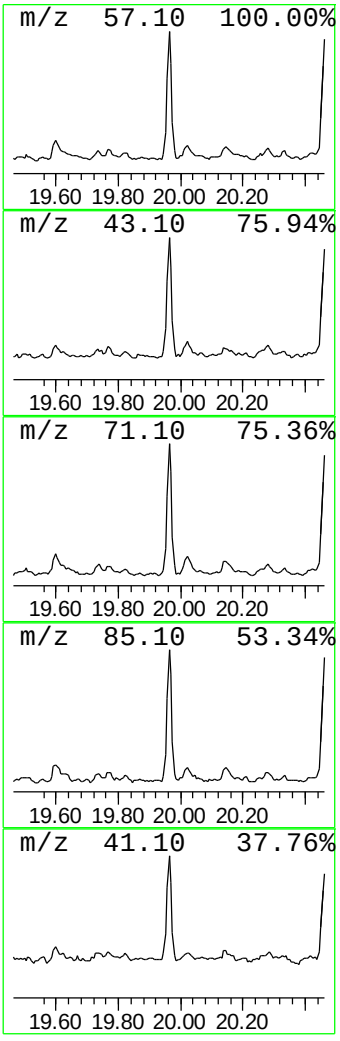
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	21.92 ng/ul	3701690	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Eicosane	282	C20H42	000112-95-8	96
3	Hexadecane	226	C16H34	000544-76-3	93
4	Hexadecane	226	C16H34	000544-76-3	93
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

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Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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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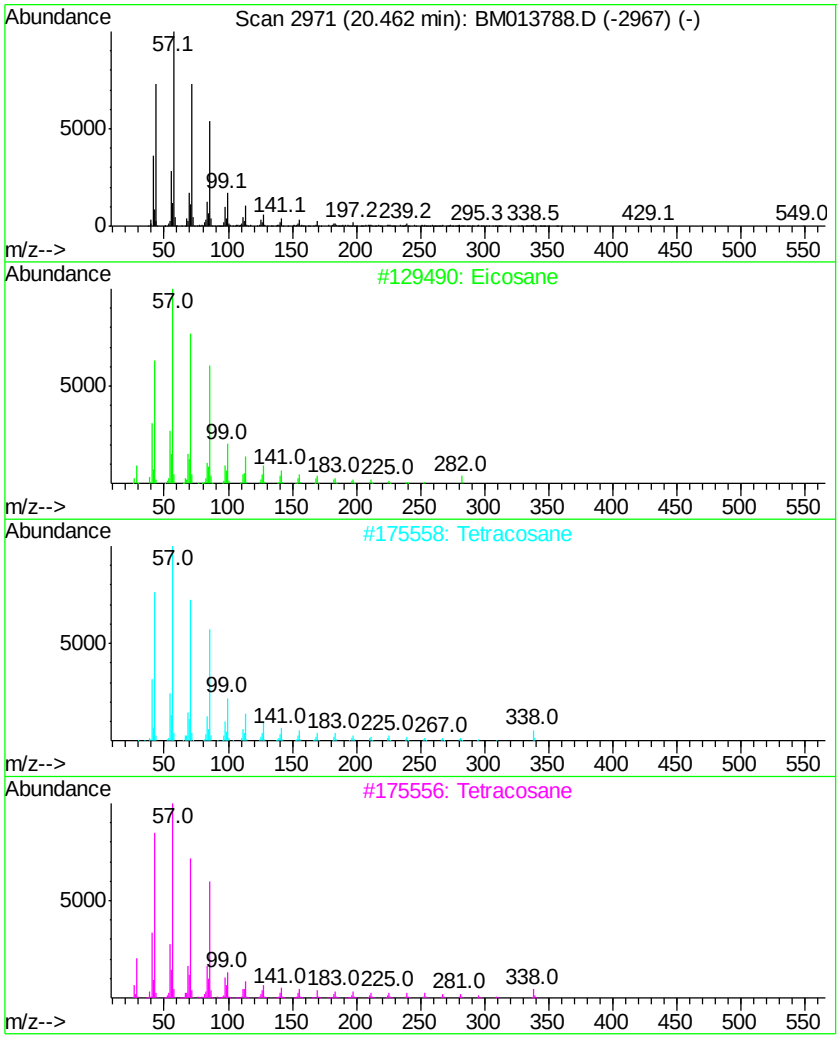
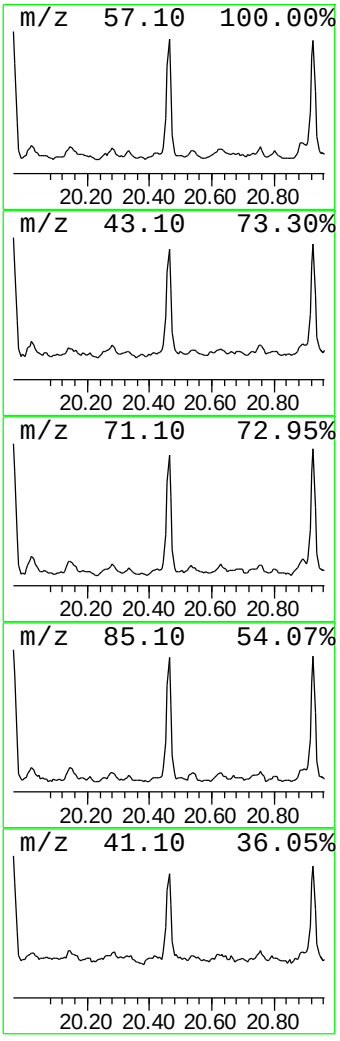
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	18.03 ng/ul	3045490	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Tetracosane	338	C24H50	000646-31-1	94
3	Tetracosane	338	C24H50	000646-31-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

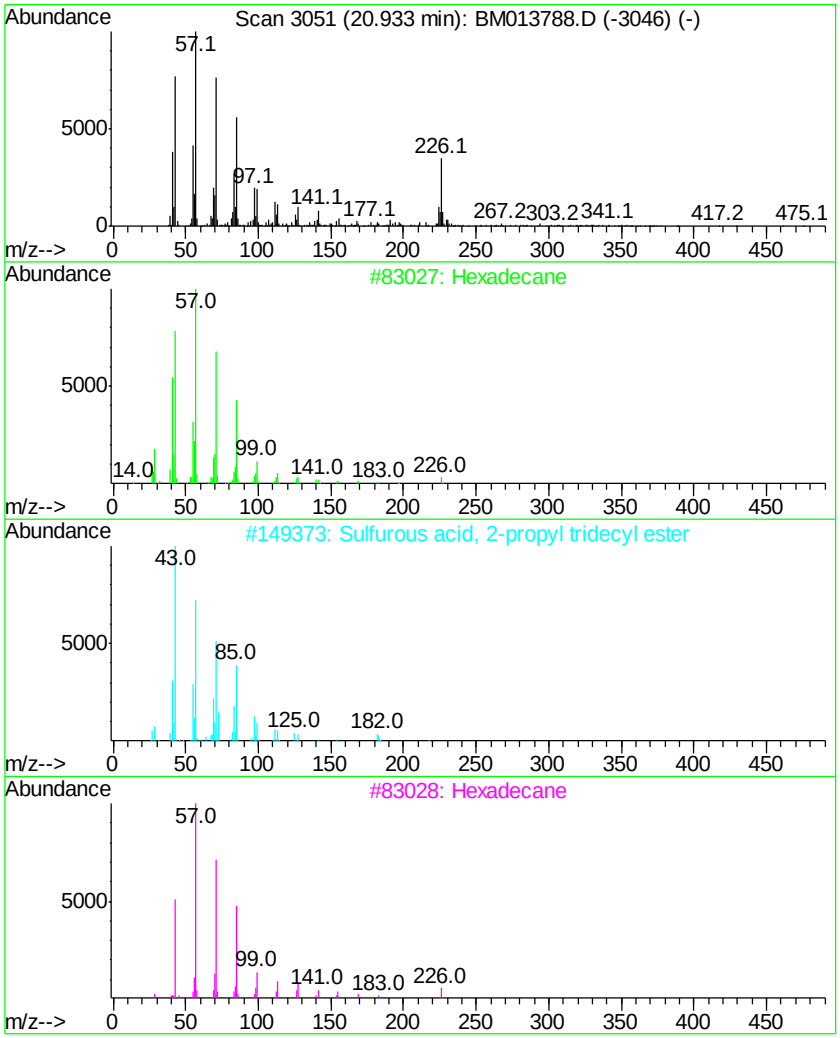
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

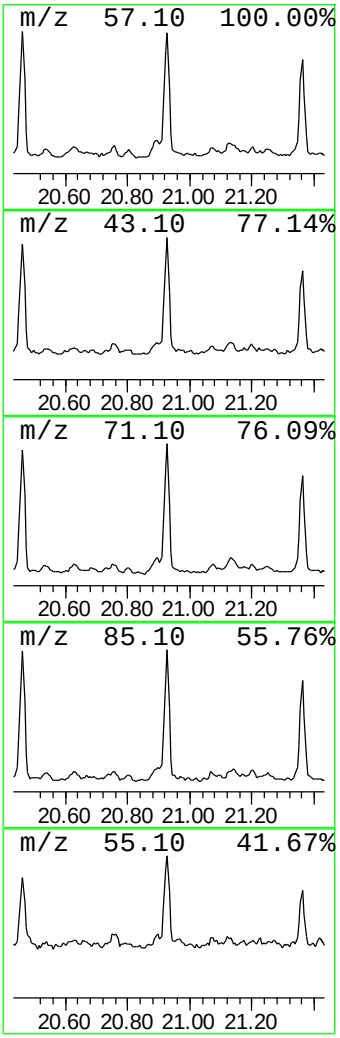
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	22.46 ng/ul	3793010	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	83
3	Hexadecane	226	C16H34	000544-76-3	81
4	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	80
5	2-methyloctacosane	408	C29H60	1000376-72-8	74





Library Search Compound Report

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Data File : BM013788.D
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Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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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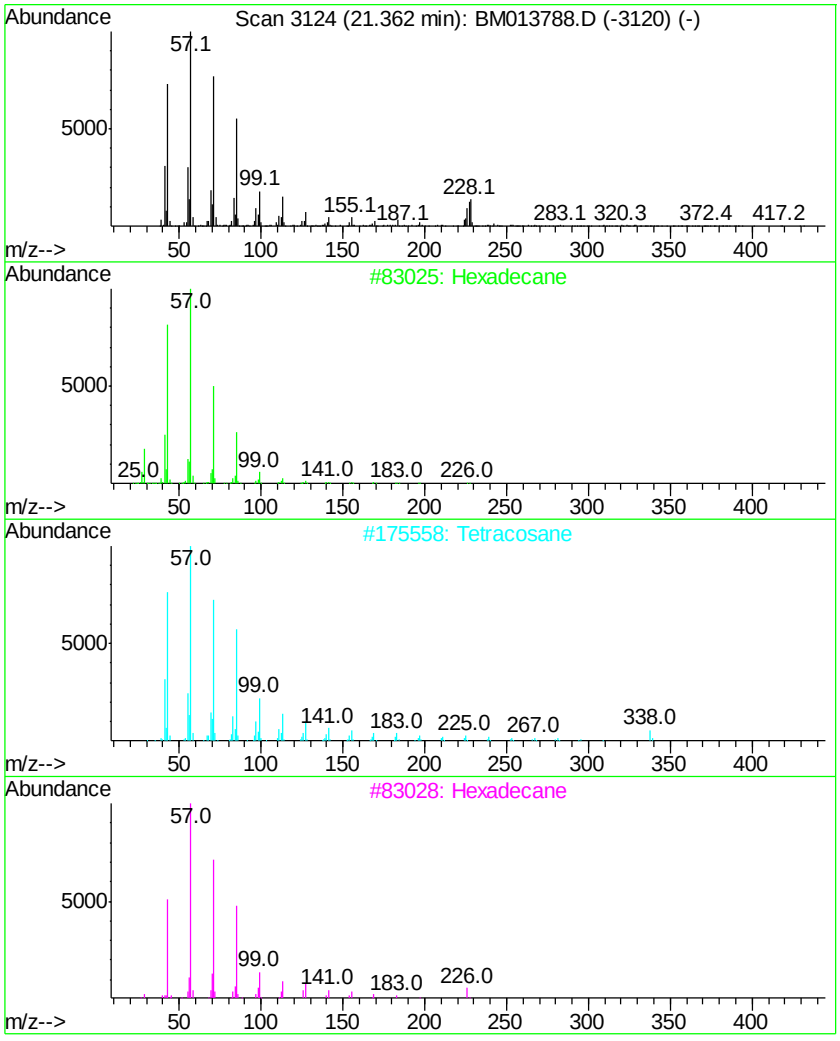
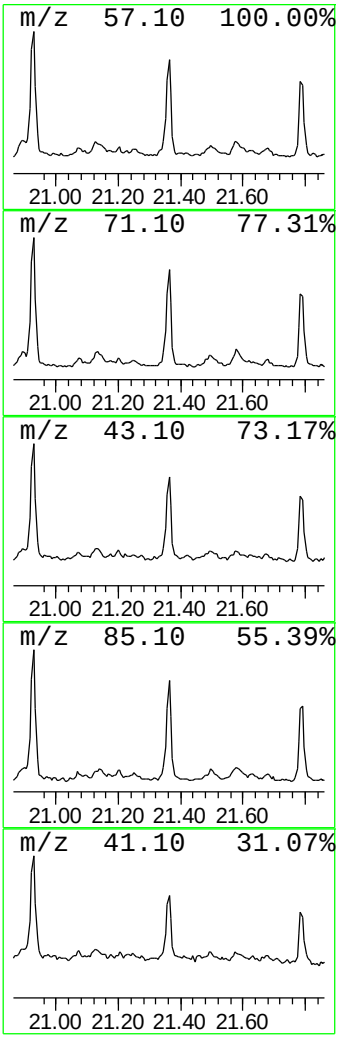
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	16.77 ng/ul	2831870	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetracosane	338	C24H50	000646-31-1	95
3	Hexadecane	226	C16H34	000544-76-3	94
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
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Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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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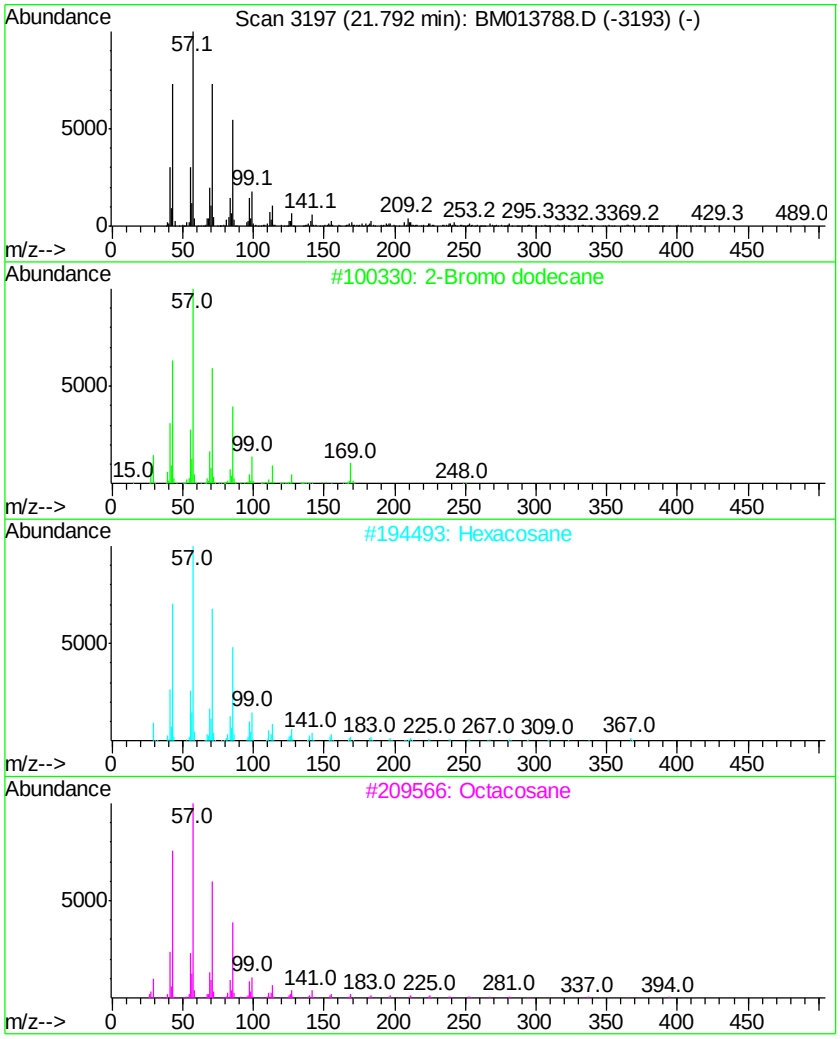
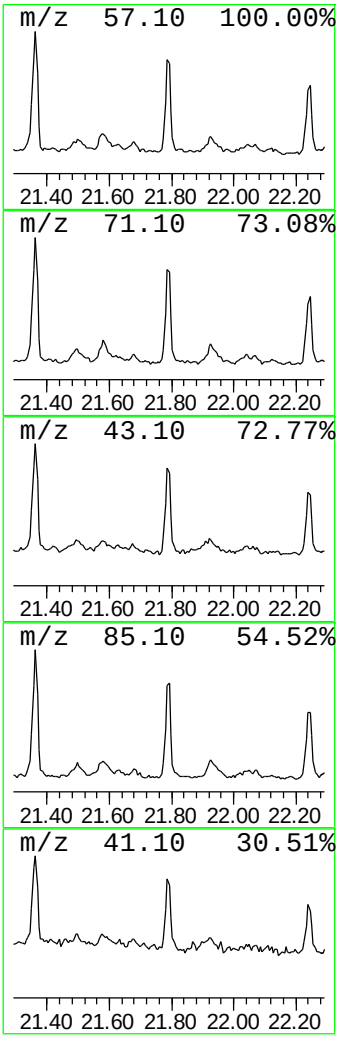
Peak Number 42 2-Bromo dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	12.88 ng/ul	2175460	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Hexacosane	366	C26H54	000630-01-3	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octacosane	394	C28H58	000630-02-4	89





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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

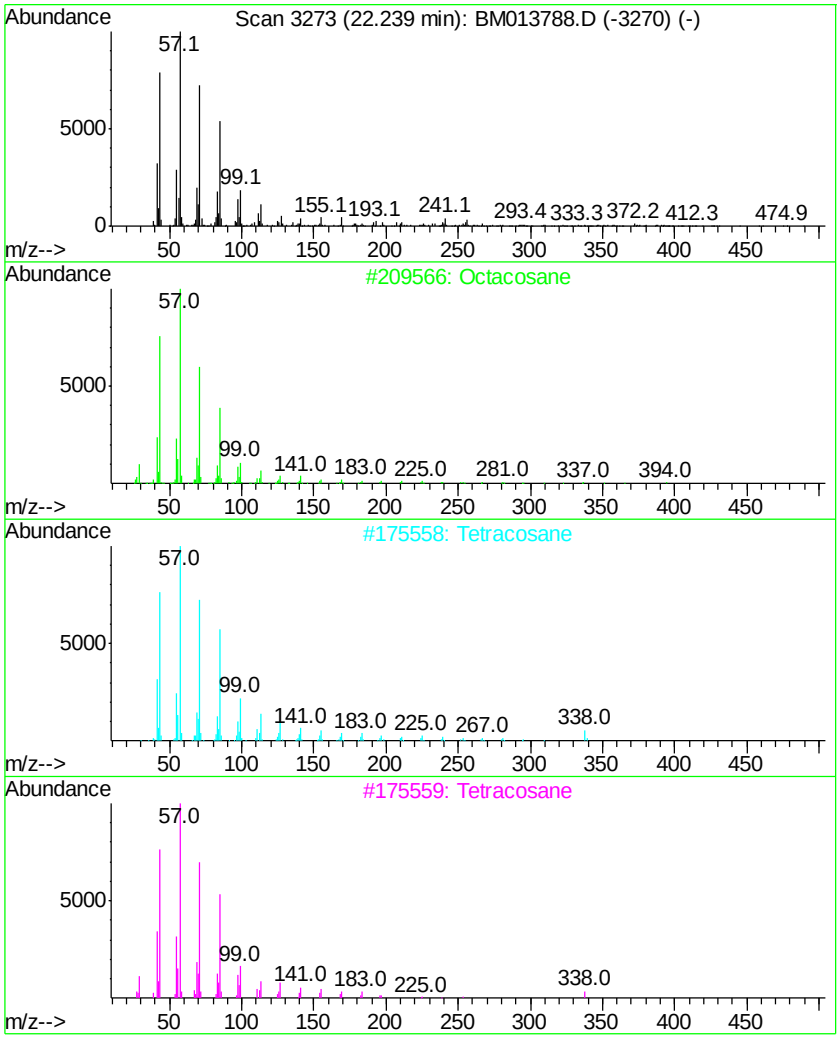
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

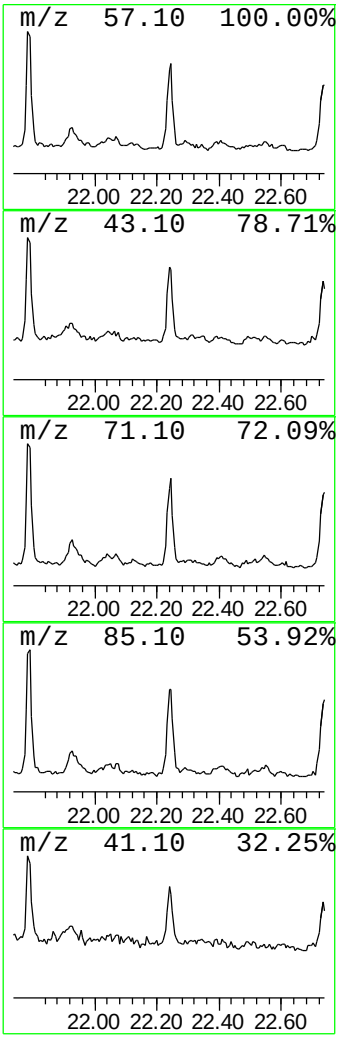
****

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	8.83 ng/ul	1491970	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Tetracosane	338	C24H50	000646-31-1	97
3	Tetracosane	338	C24H50	000646-31-1	96
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A98

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	8.67	2.4	ng/ul	109913	1	7.59	930652	20.0
Naphthalene, deca...	9.55	2.7	ng/ul	230087	2	10.37	1727740	20.0
Adamantane, 1,3-d...	10.90	2.5	ng/ul	213790	2	10.37	1727740	20.0
unknown-02	11.05	3.8	ng/ul	330383	2	10.37	1727740	20.0
(DEL) Alkane: Str...	11.39	12.0	ng/ul	1035110	2	10.37	1727740	20.0
1,4-Methanophthal...	11.45	6.6	ng/ul	571420	2	10.37	1727740	20.0
(DEL) Alkane: Str...	11.80	3.3	ng/ul	286436	2	10.37	1727740	20.0
Silane, chlorodie...	12.10	3.6	ng/ul	313644	2	10.37	1727740	20.0
unknown-03	12.44	2.2	ng/ul	225064	3	14.25	2009350	20.0
unknown-04	12.66	2.9	ng/ul	289347	3	14.25	2009350	20.0
unknown-05	12.72	3.4	ng/ul	336876	3	14.25	2009350	20.0
(DEL) Alkane: Str...	12.77	10.3	ng/ul	1032800	3	14.25	2009350	20.0
unknown-06	12.83	5.1	ng/ul	514950	3	14.25	2009350	20.0
2-Pentanone, 4-cy...	13.01	6.0	ng/ul	600910	3	14.25	2009350	20.0
(DEL) Alkane: Str...	13.07	6.9	ng/ul	694929	3	14.25	2009350	20.0
unknown-07	13.89	2.8	ng/ul	276725	3	14.25	2009350	20.0
(DEL) Alkane: Str...	14.15	9.9	ng/ul	994265	3	14.25	2009350	20.0
unknown-08	14.33	6.0	ng/ul	597971	3	14.25	2009350	20.0
1H-Pyrazole, 5-(t...	14.39	14.0	ng/ul	1409270	3	14.25	2009350	20.0
(DEL) Alkane: Str...	14.66	3.1	ng/ul	316176	3	14.25	2009350	20.0
unknown-09	14.78	10.7	ng/ul	1077670	3	14.25	2009350	20.0
unknown-10	14.96	3.9	ng/ul	386732	3	14.25	2009350	20.0
4'-(1-Pyrroyl)ace...	15.02	9.5	ng/ul	950733	3	14.25	2009350	20.0
(DEL) Alkane: Str...	15.12	9.1	ng/ul	912888	3	14.25	2009350	20.0
(DEL) Alkane: Str...	15.52	19.9	ng/ul	2001130	3	14.25	2009350	20.0
2-Methylidene-hyd...	15.89	4.2	ng/ul	600396	4	17.00	2841310	20.0
(DEL) Alkane: Str...	16.00	54.1	ng/ul	7681210	4	17.00	2841310	20.0
(DEL) Alkane: Str...	16.32	2.5	ng/ul	354408	4	17.00	2841310	20.0
(DEL) Alkane: Str...	16.77	14.1	ng/ul	1995810	4	17.00	2841310	20.0
(DEL) Alkane: Str...	16.82	18.9	ng/ul	2690470	4	17.00	2841310	20.0
unknown-11	17.23	5.5	ng/ul	776908	4	17.00	2841310	20.0
(DEL) Alkane: Str...	17.43	7.6	ng/ul	1080750	4	17.00	2841310	20.0
(DEL) Alkane: Str...	17.51	17.6	ng/ul	2505780	4	17.00	2841310	20.0
unknown-12	17.79	7.2	ng/ul	1017850	4	17.00	2841310	20.0
(DEL) Alkane: Str...	18.20	20.8	ng/ul	2949470	4	17.00	2841310	20.0
(DEL) Alkane: Str...	18.84	22.1	ng/ul	3138260	4	17.00	2841310	20.0
(DEL) Alkane: Str...	19.96	21.9	ng/ul	3701690	5	21.20	3377720	20.0
(DEL) Alkane: Str...	20.46	18.0	ng/ul	3045490	5	21.20	3377720	20.0
(DEL) Alkane: Str...	20.93	22.5	ng/ul	3793010	5	21.20	3377720	20.0
(DEL) Alkane: Str...	21.36	16.8	ng/ul	2831870	5	21.20	3377720	20.0
2-Bromo dodecane	21.79	12.9	ng/ul	2175460	5	21.20	3377720	20.0
(DEL) Alkane: Str...	22.24	8.8	ng/ul	1491970	5	21.20	3377720	20.0