LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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	4.669	282	286	292	rVB2	79474	119526	1.73%	0.174%
2	5.881	483	492	500	rBV6	79146	205958	2.99%	0.300%
3	6.093	521	528	535	rBV4	89955	193360	2.80%	0.282%
4	6.157	535	539	544	rBV	113297	159517	2.31%	0.232%
5	6.487	588	595	602	rBV6	72743	180679	2.62%	0.263%
6	6.587	602	612	618	rBV3	106418	173956	2.52%	0.253%
7	7.140	699	706	715	rVB6	83235	197401	2.86%	0.288%
8	7.593	772	783	790	rVV2	568983	1030729	14.94%	1.502%
9	7.775	809	814	816	rBV5	68588	98480	1.43%	0.143%
10	7.810	816	820	826	rVV2	200820	337804	4.90%	0.492%
11	8.075	859	865	868	rVV4	56281	122197	1.77%	0.178%
12	8.116	868	872	888	rVB	184484	395428	5.73%	0.576%
13	8.251	888	895	902	rBV	143467	297443	4.31%	0.433%
14	8.457	924	930	933	rBV	103836	173579	2.52%	0.253%
15	8.687	964	969	975	rVV4	159947	289234	4.19%	0.421%
16	8.769	975	983	988	rVV5	112192	263203	3.82%	0.383%
17	8.816	988	991	999	rVB6	57714	128040	1.86%	0.187%
18	8.898	999	1005	1007	rBV4	59089	116010	1.68%	0.169%
19	8.934	1007	1011	1018	rVB8	68988	141701	2.05%	0.206%
20	9.204	1053	1057	1061	rBV	82420	141565	2.05%	0.206%
21	9.292	1066	1072	1076	rVV8	49374	109532	1.59%	0.160%
22	9.457	1093	1100	1104	rBV7	85972	228274	3.31%	0.333%
23	9.487	1104	1105	1110	rVB3	73432	95118	1.38%	0.139%
24	9.545	1110	1115	1123	rBV9	74703	178542	2.59%	0.260%
25	9.775	1146	1154	1159	rBV2	195194	326118	4.73%	0.475%
26	9.845	1163	1166	1178	rVB4	82668	164044	2.38%	0.239%
27	9.957	1178	1185	1191	rBV5	71489	173846	2.52%	0.253%
28	10.075	1200	1205	1213	rVB3	76904	153861	2.23%	0.224%
29	10.234	1227	1232	1235	rBV6	52457	94664	1.37%	0.138%
30	10.369	1250	1255	1261	rVV	739284	1218764	17.67%	1.775%
31	10.481	1270	1274	1278	rBV6	70437	114063	1.65%	0.166%
32	10.586	1288	1292	1302	rVB6	76463	145685	2.11%	0.212%
33	10.757	1310	1321	1325	rBV10	47226	121371	1.76%	0.177%
34	10.981	1354	1359	1363	rBV6	54453	102430	1.48%	0.149%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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	11.069	1369	1374	1378	rVB3	121996	226673	3.29%	0.330%
36	11.139	1381	1386	1391	rBV8	44133	93799	1.36%	0.137%
37	11.281	1404	1410	1417	rBV7	65510	163084	2.36%	0.238%
38	11.392	1424	1429	1434	rBV2	503740	797302	11.56%	1.161%
39	11.633	1466	1470	1476	rVB3	44978	100495	1.46%	0.146%
40	12.039	1534	1539	1547	rVB	518063	876714	12.71%	1.277%
41	12.263	1570	1577	1588	rVB	390051	729327	10.57%	1.062%
42	12.510	1615	1619	1626	rVB2	137735	262810	3.81%	0.383%
43	12.663	1639	1645	1651	rVB9	74065	179853	2.61%	0.262%
44	12.727	1651	1656	1658	rBV5	69285	104193	1.51%	0.152%
45	12.775	1659	1664	1669	rVV	572251	862725	12.50%	1.257%
46	12.822	1669	1672	1680	rVB8	87203	157732	2.29%	0.230%
47	13.010	1698	1704	1707	rBV7	60093	117505	1.70%	0.171%
48	13.169	1727	1731	1734	rBV5	61659	102447	1.48%	0.149%
49	13.269	1744	1748	1752	rBV	162085	252177	3.66%	0.367%
50	13.416	1765	1773	1778	rBV4	339418	960198	13.92%	1.399%
51	13.563	1792	1798	1803	rBV2	562511	984587	14.27%	1.434%
52	13.616	1803	1807	1811	rVV	372353	547268	7.93%	0.797%
53	13.657	1811	1814	1819	rVB3	280728	388706	5.63%	0.566%
54	13.727	1821	1826	1831	rBV3	505038	746009	10.81%	1.087%
55	13.804	1831	1839	1842	rBV3	247322	415432	6.02%	0.605%
56	13.939	1858	1862	1865	rVV2	180255	267806	3.88%	0.390%
57	13.969	1865	1867	1876	rVB3	177551	269312	3.90%	0.392%
58	14.069	1880	1884	1891	rVB3	194469	322152	4.67%	0.469%
59	14.245	1902	1914	1920	rBV3	1198792	2355929	34.15%	3.432%
60	14.310	1920	1925	1934	rBV	1248404	1928479	27.95%	2.809%
61	14.463	1945	1951	1960	rVB2	233941	649722	9.42%	0.946%
62	14.651	1978	1983	1990	rVV2	598366	931996	13.51%	1.358%
63	14.727	1992	1996	2000	rVB	343062	458285	6.64%	0.668%
64	14.780	2000	2005	2010	rBV3	276878	382763	5.55%	0.558%
65	14.869	2016	2020	2025	rBV	250585	446479	6.47%	0.650%
66	14.921	2026	2029	2033	rVV	275326	361044	5.23%	0.526%
67	14.957	2033	2035	2042	rVB7	66407	110487	1.60%	0.161%
68	15.033	2042	2048	2053	rBV4	292397	655197	9.50%	0.954%
69	15.074	2053	2055	2060	rVB3	141553	205155	2.97%	0.299%
70	15.245	2080	2084	2088	rVB2	181008	300657	4.36%	0.438%
71	15.304	2088	2094	2098	rBV	1257619	1890868	27.41%	2.755%

LSC Area Percent Report

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Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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	15.463	2118	2121	2125	rVB5	152612	194988	2.83%	0.284%
73	15.516	2126	2130	2139	rBV2	526683	809000	11.73%	1.179%
74	15.598	2140	2144	2153	rVB2	332514	642250	9.31%	0.936%
75	15.674	2153	2157	2159	rBV5	72113	110523	1.60%	0.161%
76	15.721	2161	2165	2166	rBV4	158625	198808	2.88%	0.290%
77	15.816	2177	2181	2187	rBV4	112554	233550	3.39%	0.340%
78	15.998	2205	2212	2218	rBV	2980662	4634714	67.18%	6.752%
79	16.357	2270	2273	2280	rVB7	156935	330496	4.79%	0.481%
80	16.515	2296	2300	2302	rBV5	68637	109784	1.59%	0.160%
81	16.821	2347	2352	2363	rVB	1327123	2016203	29.22%	2.937%
82	17.004	2378	2383	2386	rBV	1360037	2043645	29.62%	2.977%
83	17.045	2386	2390	2396	rVV	5074577	6899071	100.00%	10.050%
84	17.098	2396	2399	2402	rVV	203520	318917	4.62%	0.465%
85	17.133	2402	2405	2410	rVB	695273	929568	13.47%	1.354%
86	17.427	2451	2455	2460	rVB	449738	656648	9.52%	0.957%
87	17.874	2527	2531	2535	rBV	346081	507446	7.36%	0.739%
88	17.927	2536	2540	2546	rVB	473418	729440	10.57%	1.063%
89	18.068	2559	2564	2568	rBV2	607807	1009029	14.63%	1.470%
90	18.386	2614	2618	2622	rBV	282184	403281	5.85%	0.587%
91	19.068	2729	2734	2739	rBV	4386211	5613269	81.36%	8.177%
92	19.127	2741	2744	2748	rVB4	185143	253641	3.68%	0.369%
93	19.404	2787	2791	2792	rBV	775495	909359	13.18%	1.325%
94	19.433	2792	2796	2805	rVB	2803322	3908899	56.66%	5.694%
95	19.598	2821	2824	2825	rBV2	192570	209857	3.04%	0.306%
96	19.933	2879	2881	2884	rVB	291123	269564	3.91%	0.393%
97	20.033	2894	2898	2902	rVB	421540	533142	7.73%	0.777%
98	21.198	3091	3096	3100	rBV2	1802522	2786977	40.40%	4.060%
99	21.239	3100	3103	3113	rVB	563901	786101	11.39%	1.145%
100	23.392	3465	3469	3476	rVB	1137188	2000106	28.99%	2.914%

Sum of corrected areas: 68645765

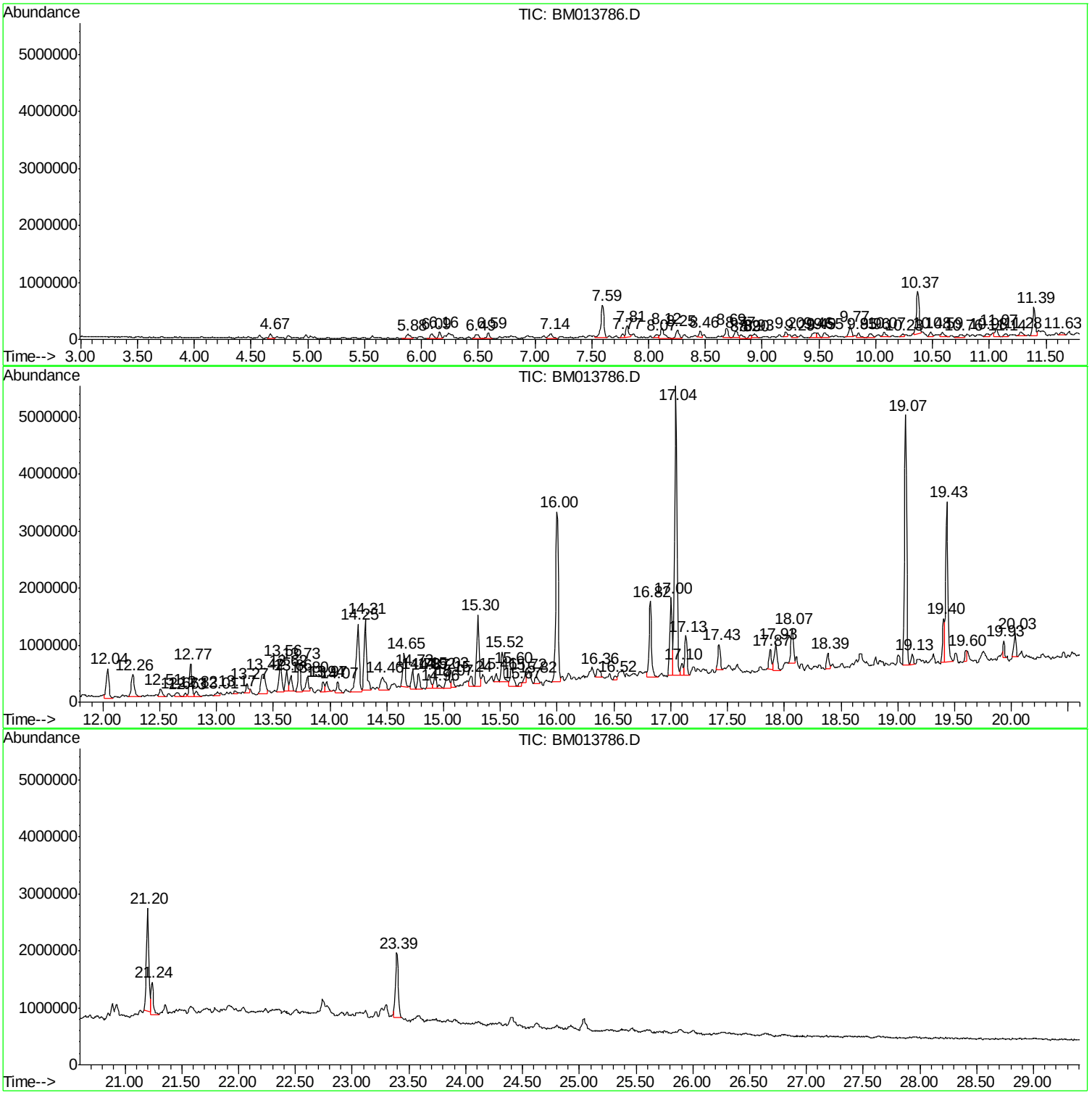
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

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



Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

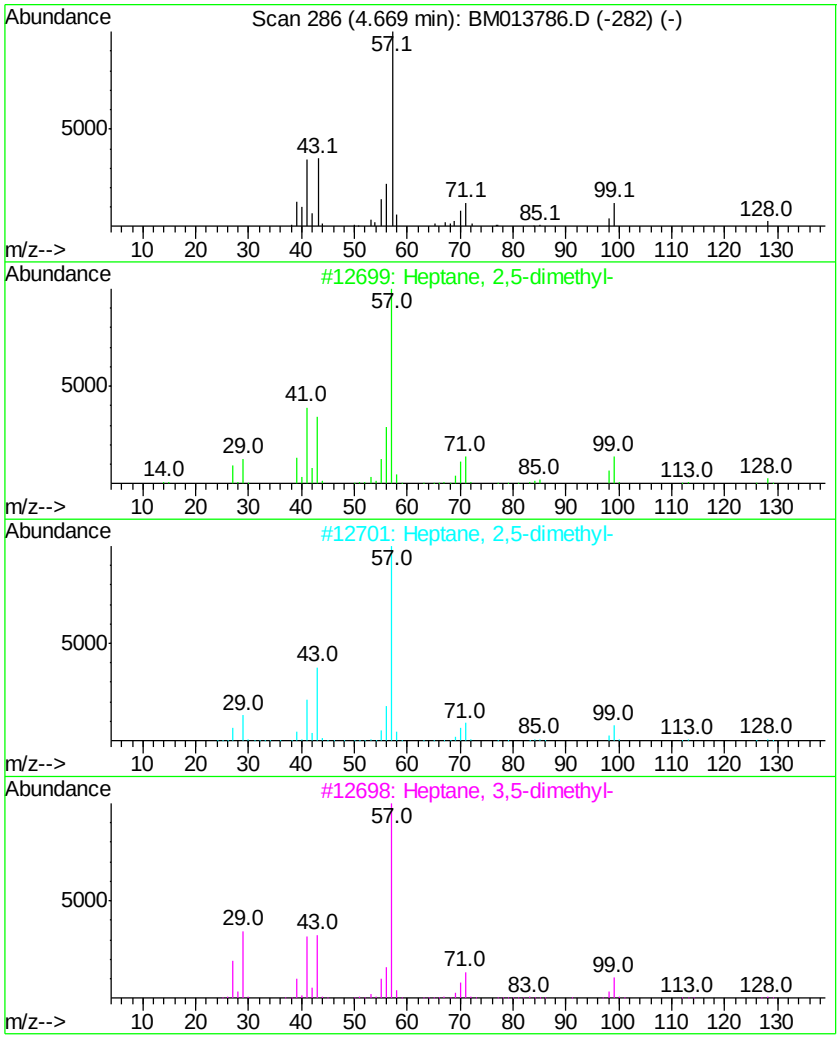
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

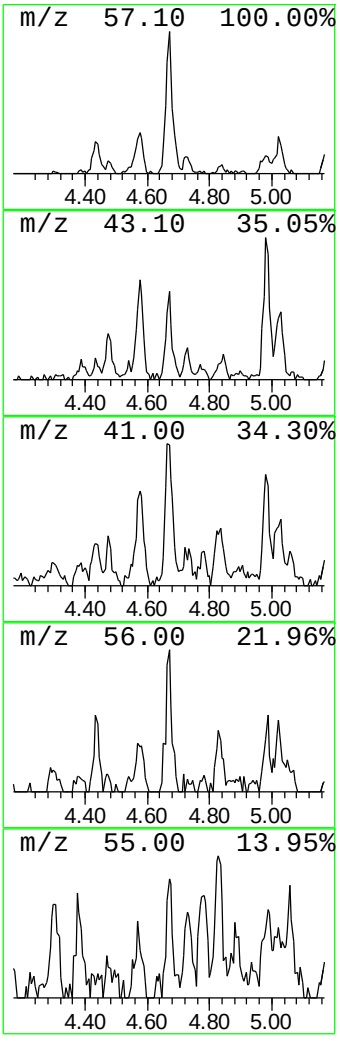
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	2.32 ng/ul	119526	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	86
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	83
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
5	Octane, 3-methyl-	128	C9H20	002216-33-3	80





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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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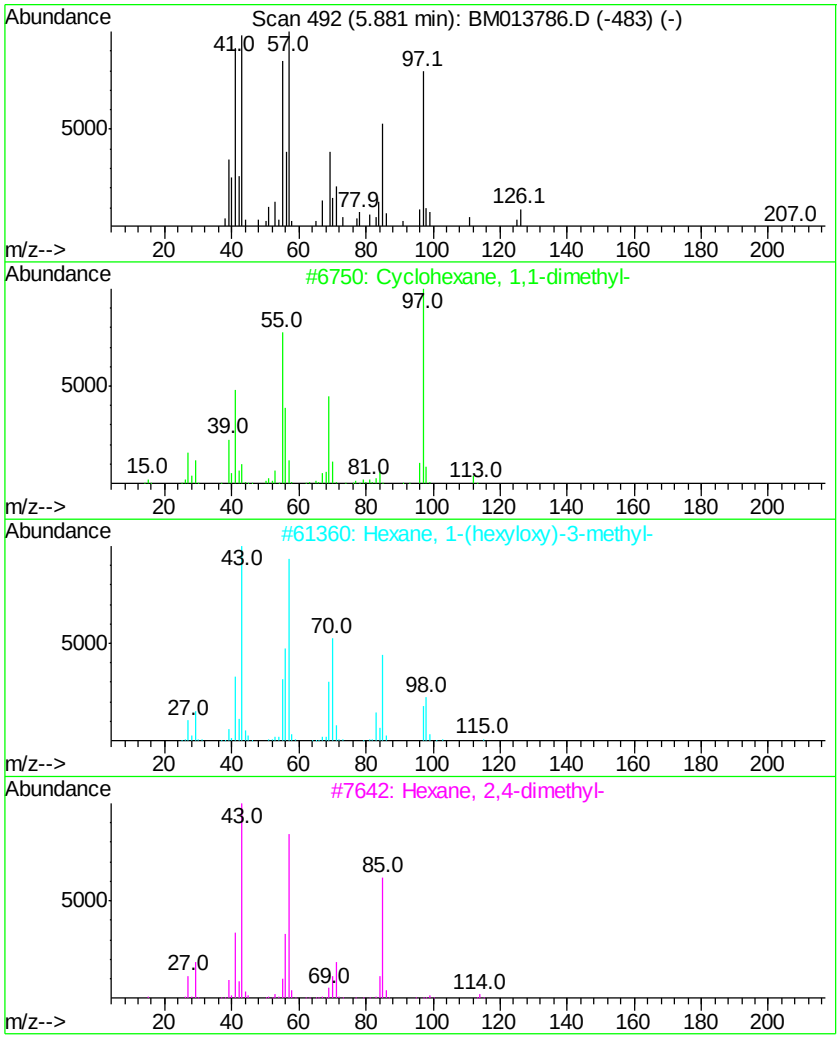
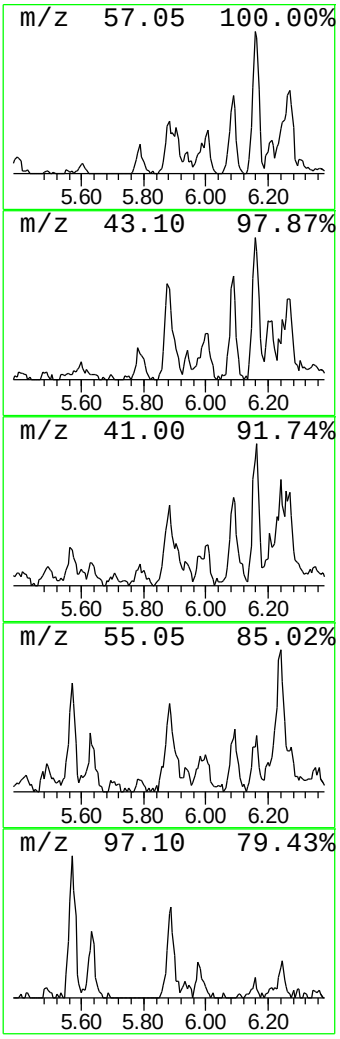
Peak Number 2 (DEL) Alkane: Cyclic5.88 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.88	4.00 ng/ul	205958	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	47
2	Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	43
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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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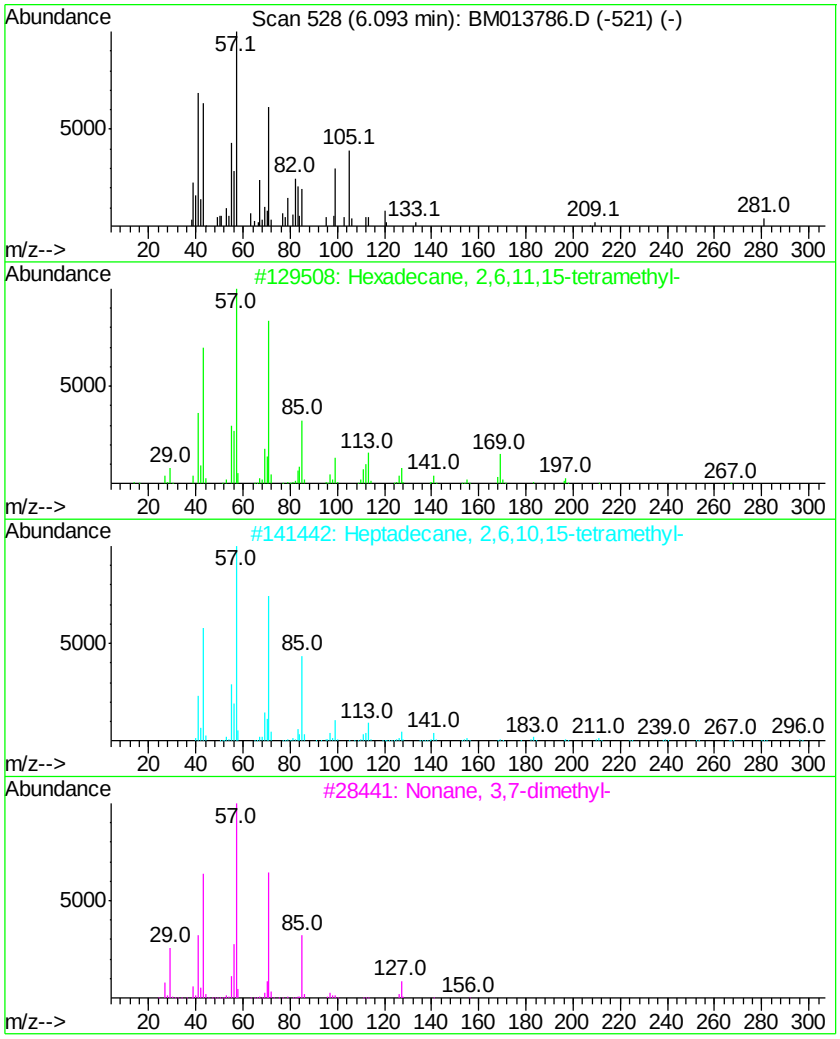
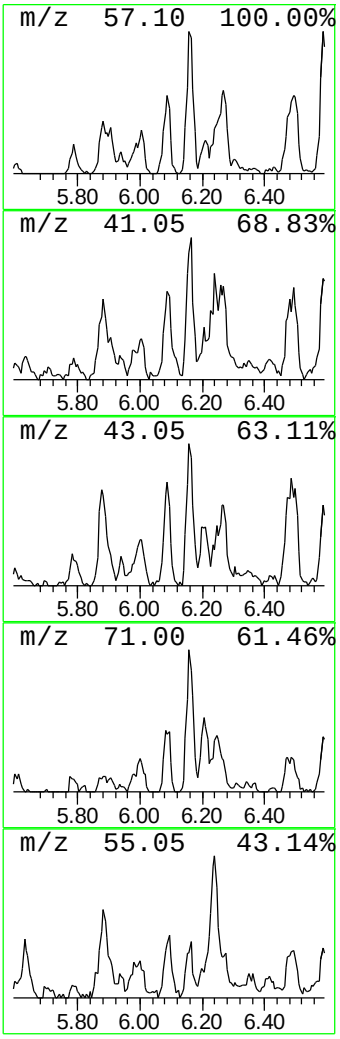
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	3.75 ng/ul	193360	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	43
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
4	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	38
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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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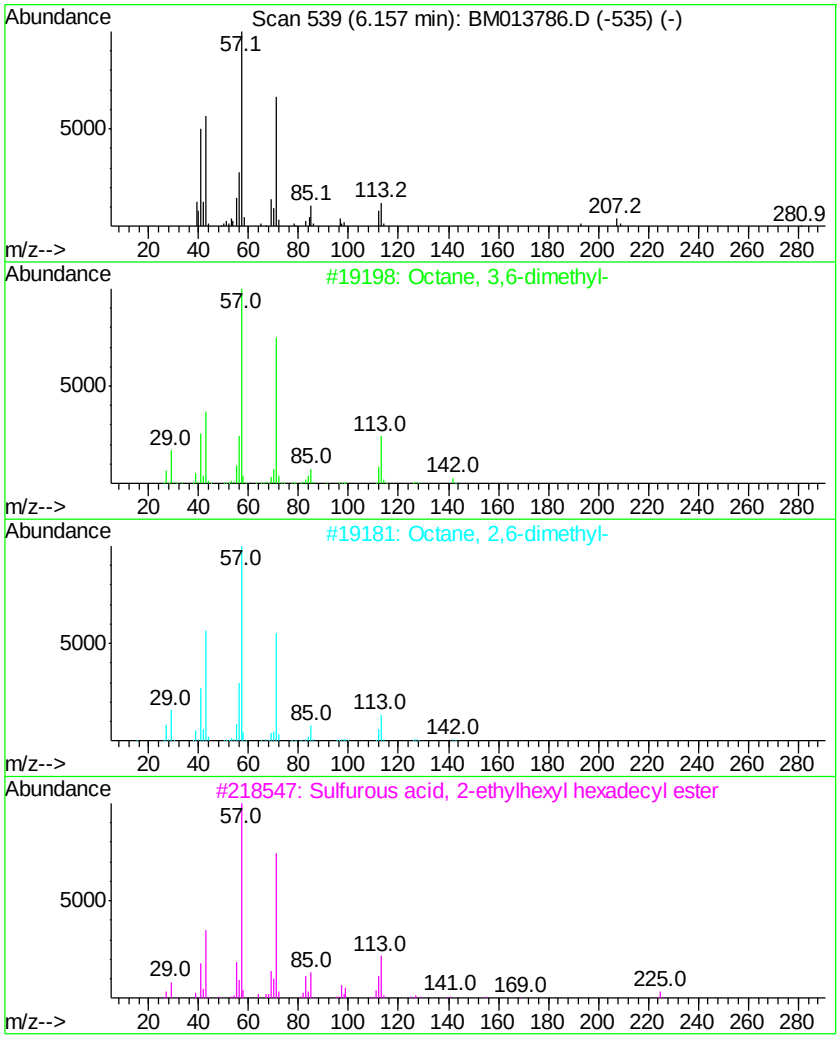
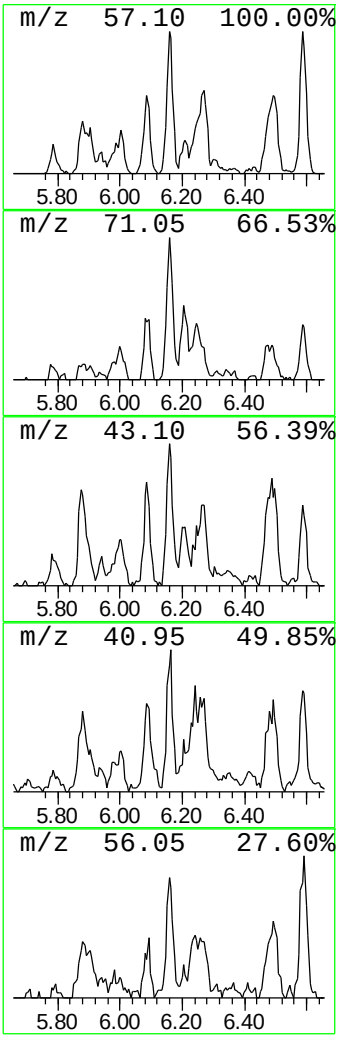
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	3.10 ng/ul	159517	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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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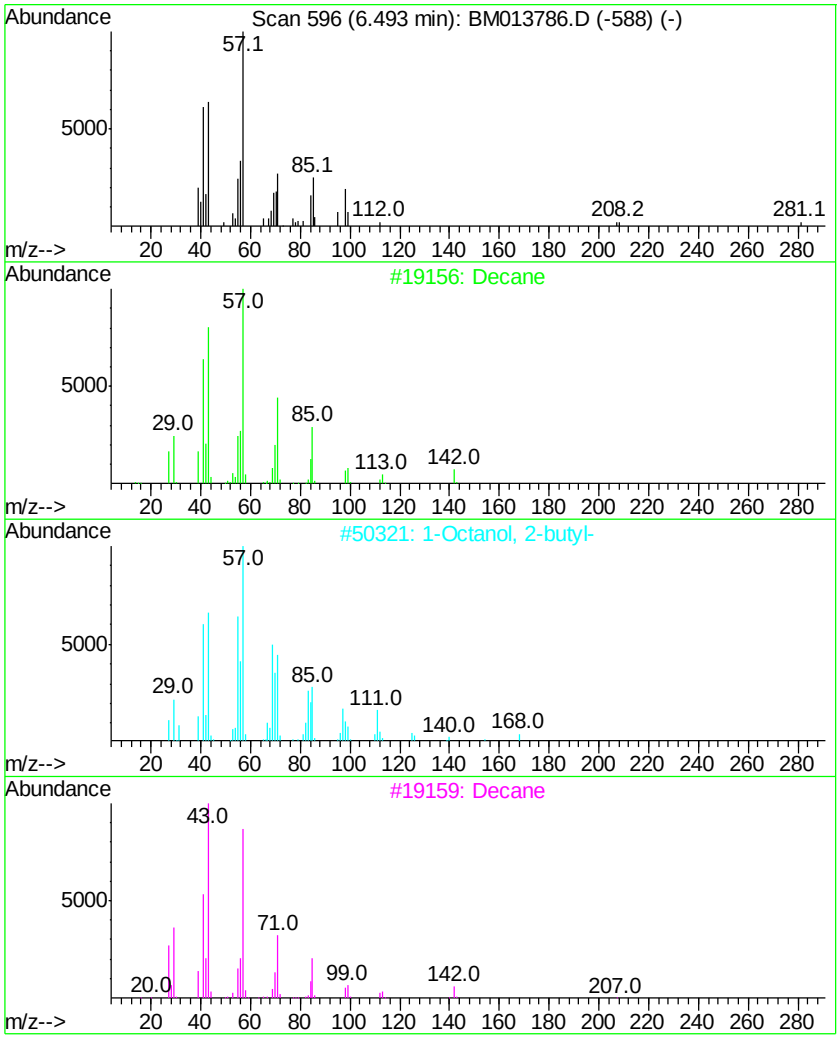
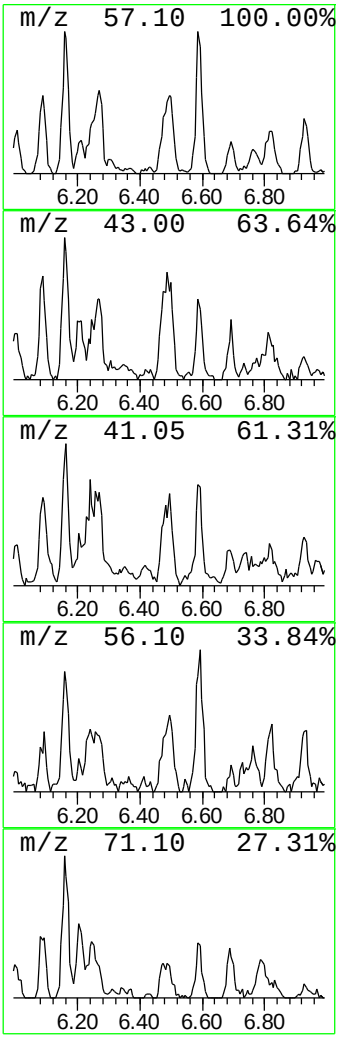
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	3.51 ng/ul	180679	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	74
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
3	Decane	142	C10H22	000124-18-5	53
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	50
5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50





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Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

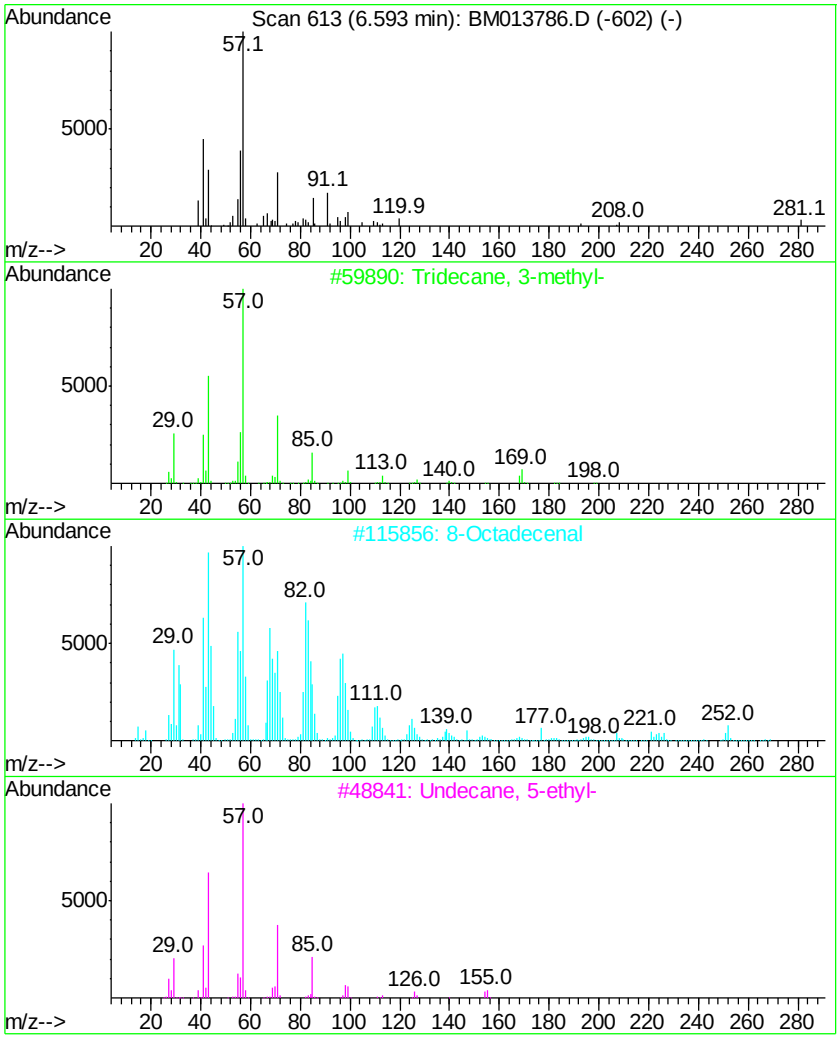
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

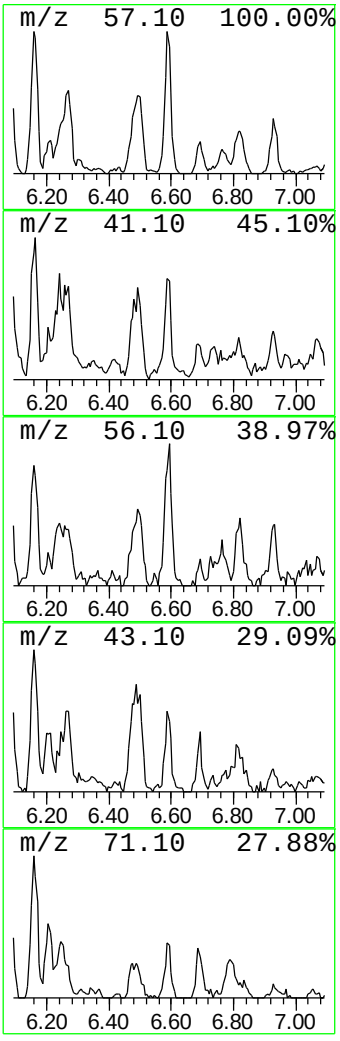
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	3.38 ng/ul	173956	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	59
2	8-Octadecenal	266	C18H34O	056554-94-0	58
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	49





Library Search Compound Report

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Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

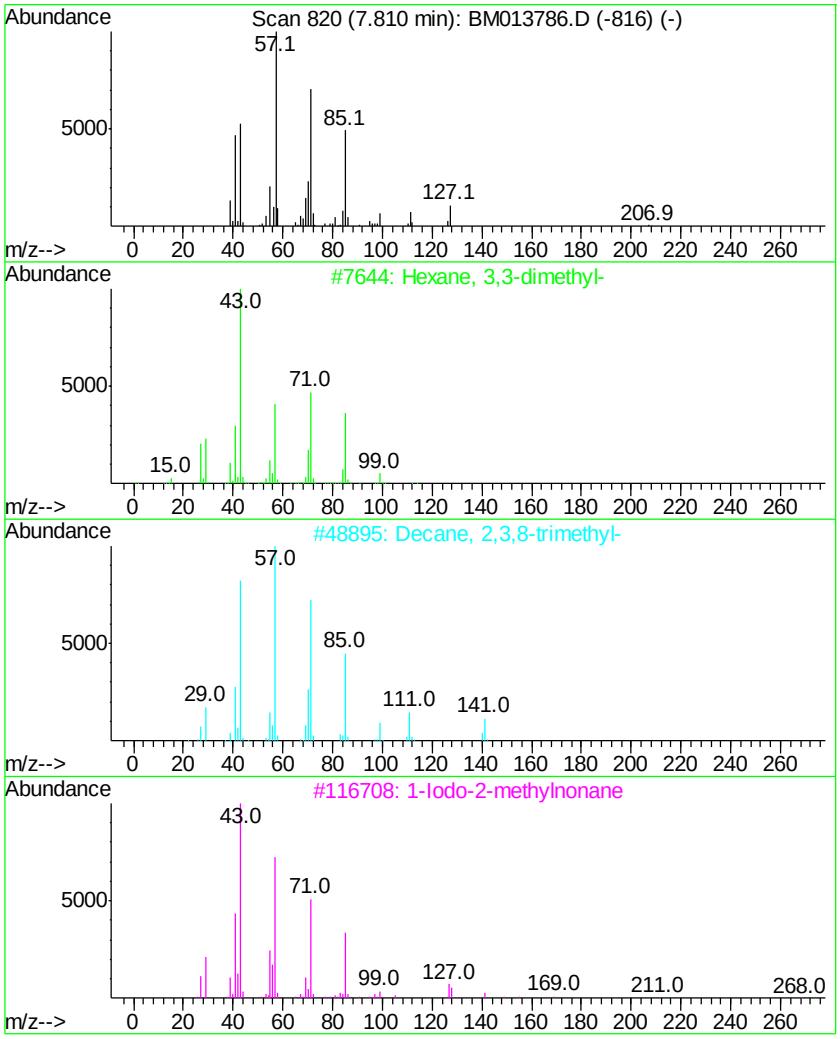
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

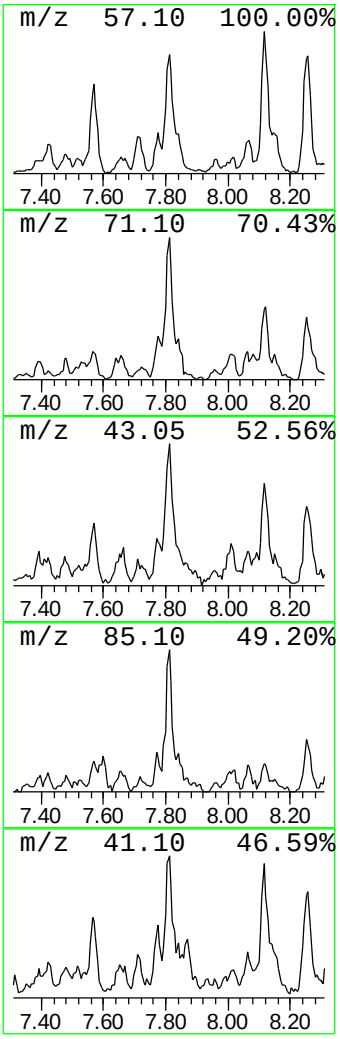
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	6.55 ng/ul	337804	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
2	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
4	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59





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Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

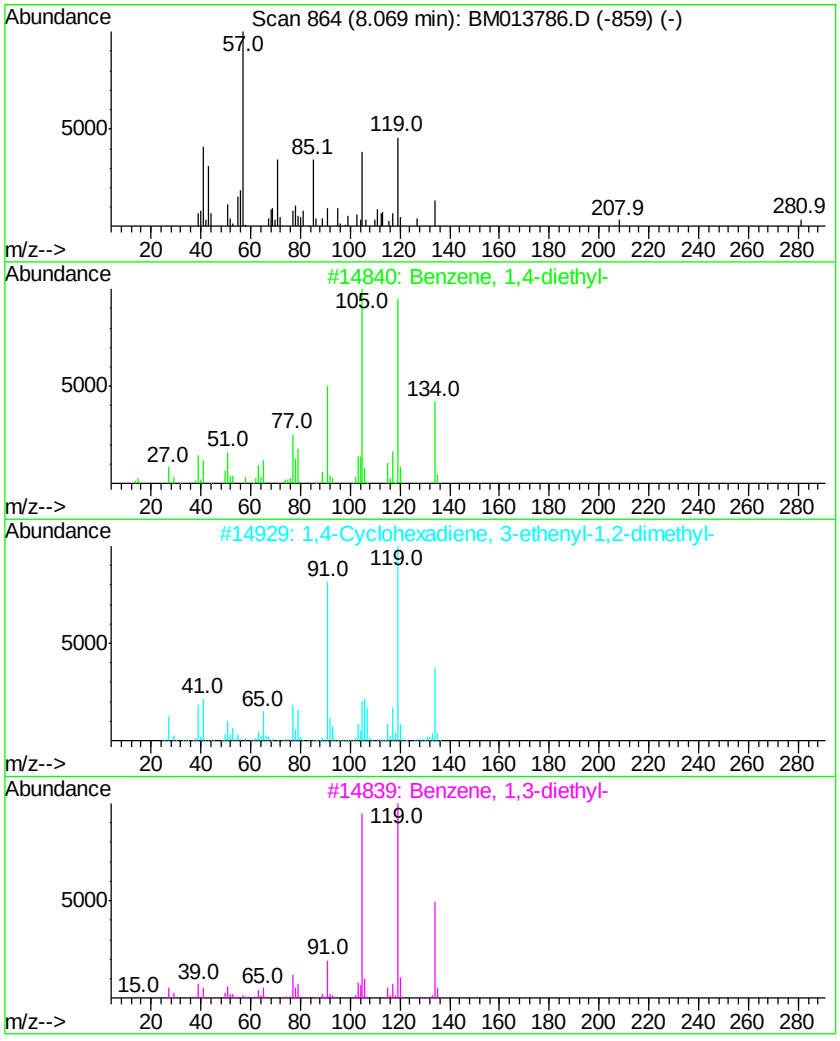
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

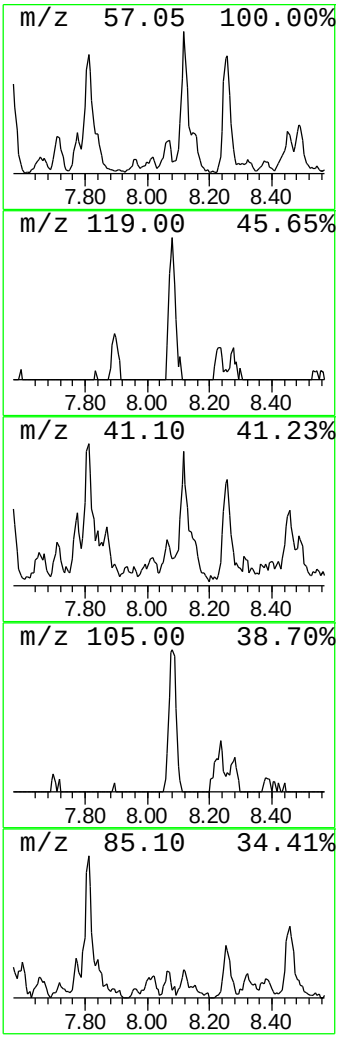
****

Peak Number 8 unknown-01 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	2.37 ng/ul	122197	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	47
2	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	47
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	47
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	43
5	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	38





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Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

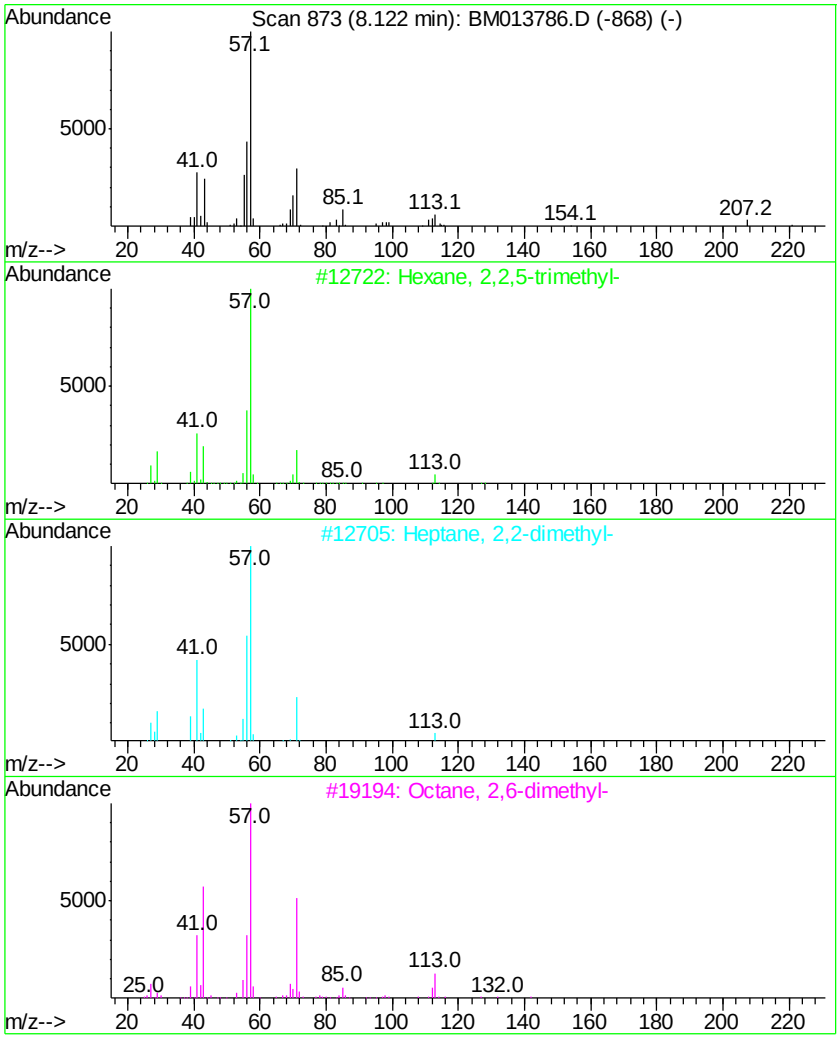
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

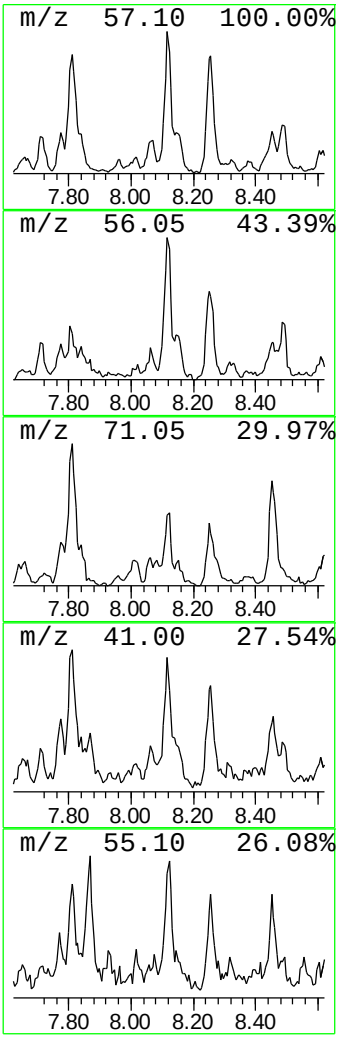
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	7.67 ng/ul	395428	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	56
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42





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Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

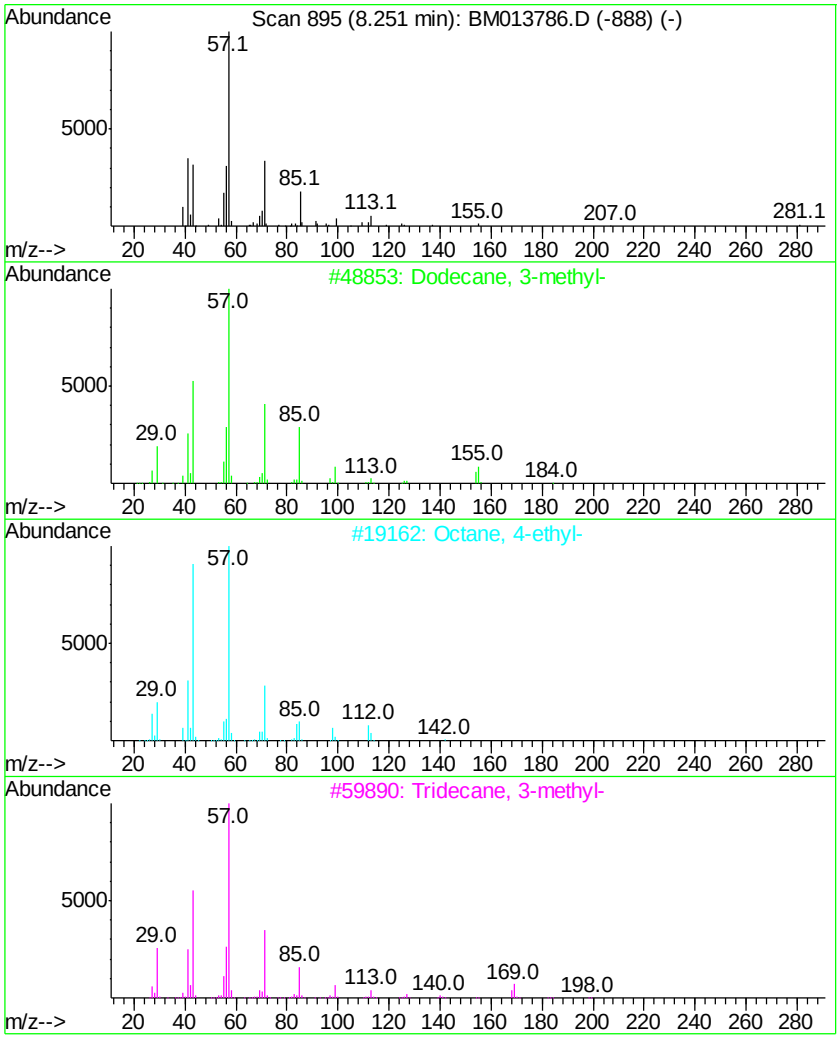
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

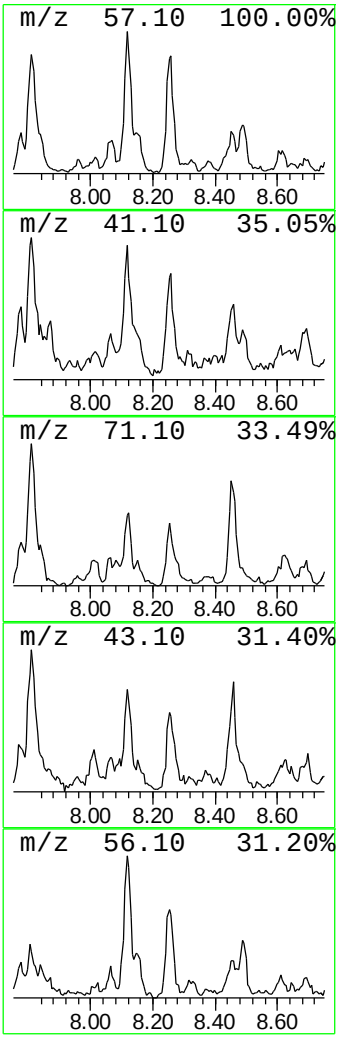
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	5.77 ng/ul	297443	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	56
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	50
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	50
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	47
5	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	47





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Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

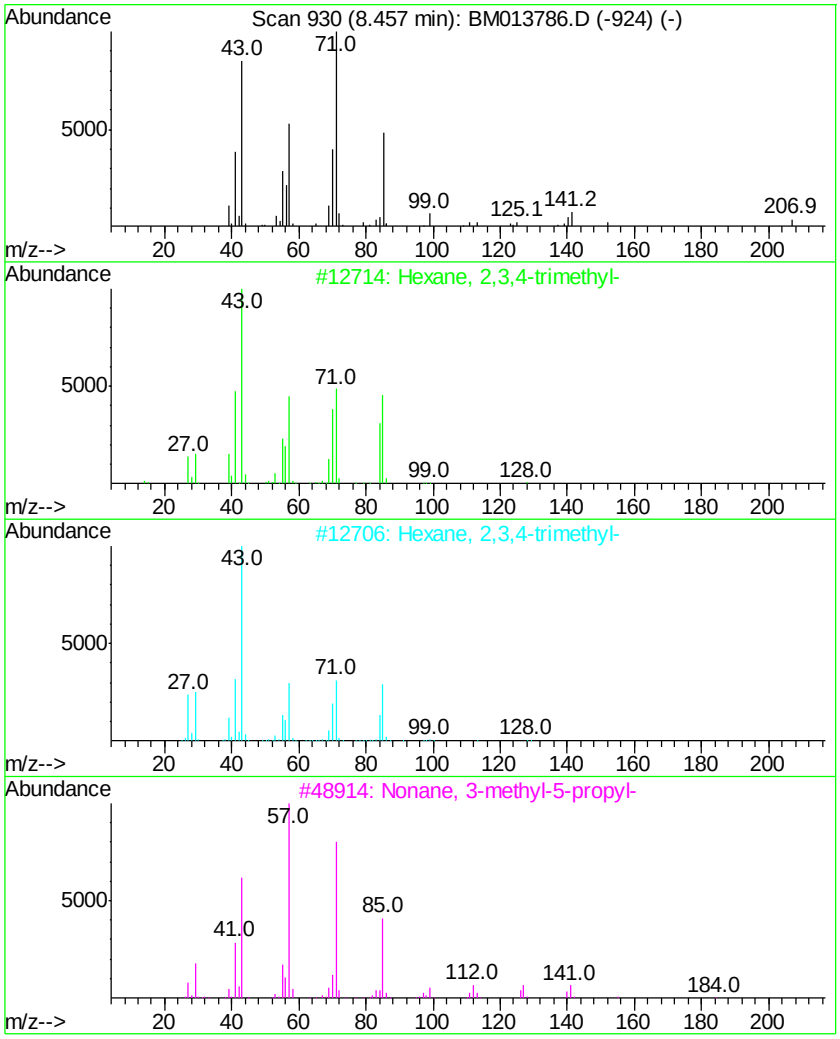
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

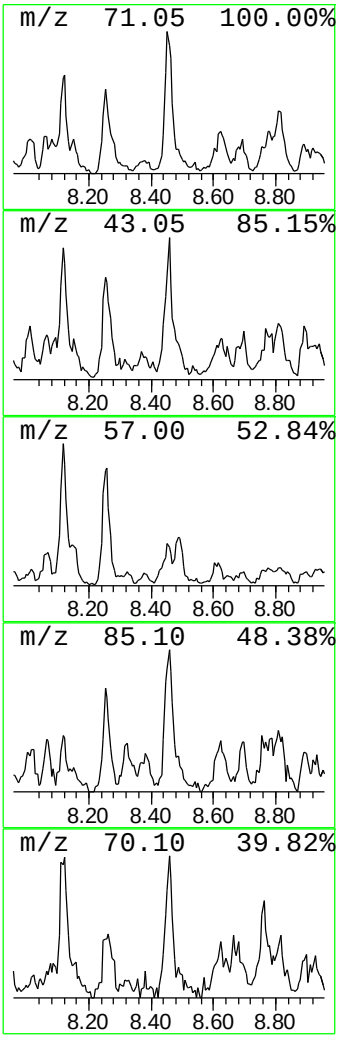
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	3.37 ng/ul	173579	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	53
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	50
5	Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	50





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Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

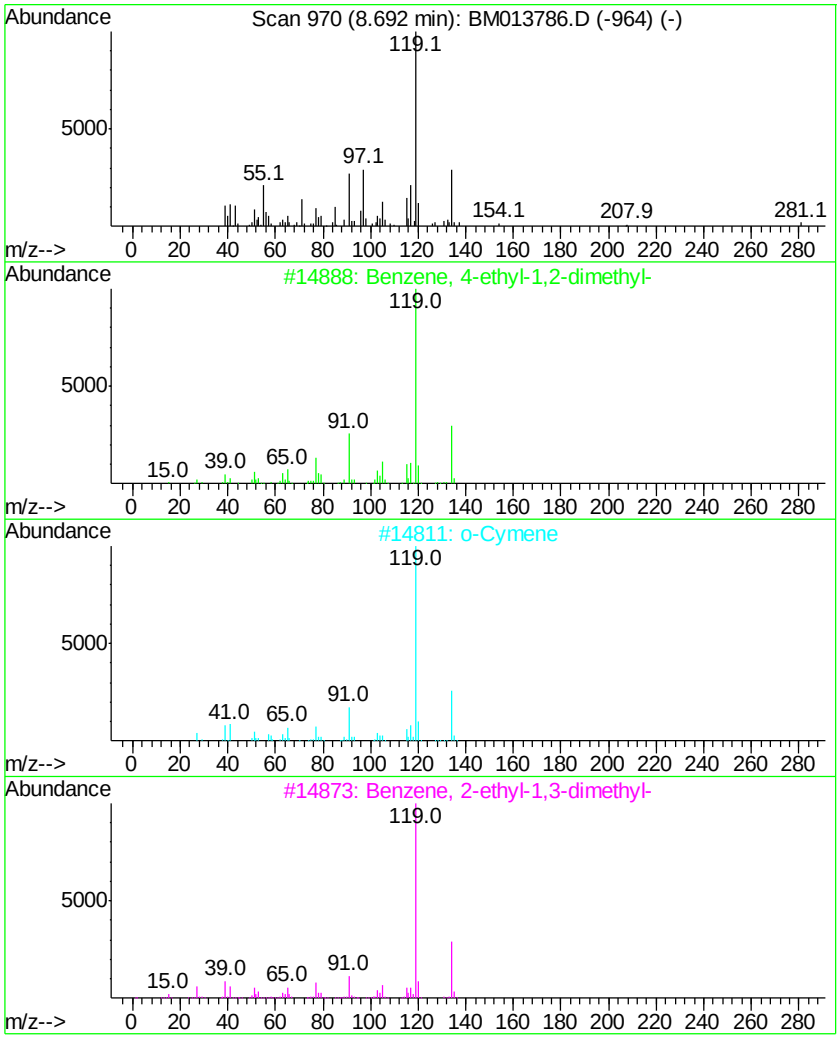
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

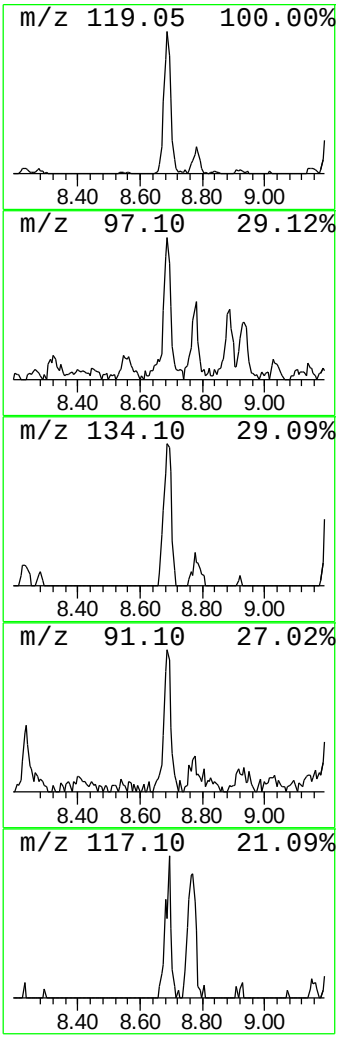
****

Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	5.61 ng/ul	289234	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	96
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81





Library Search Compound Report

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Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

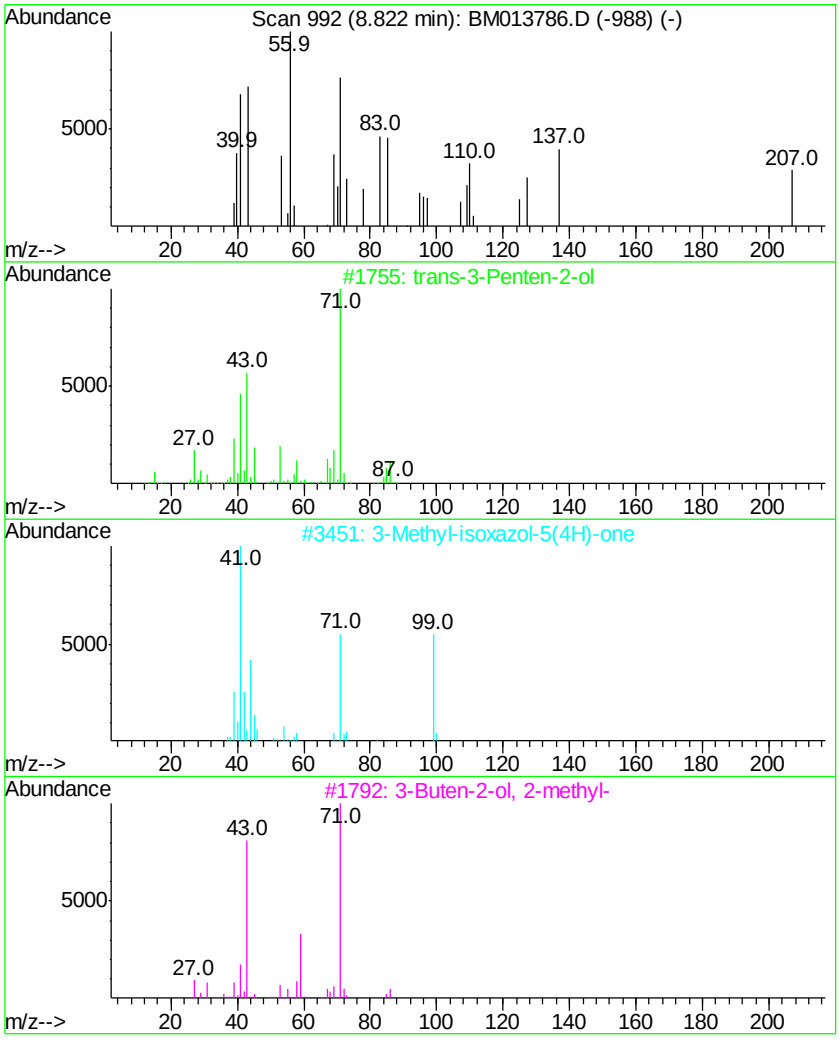
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

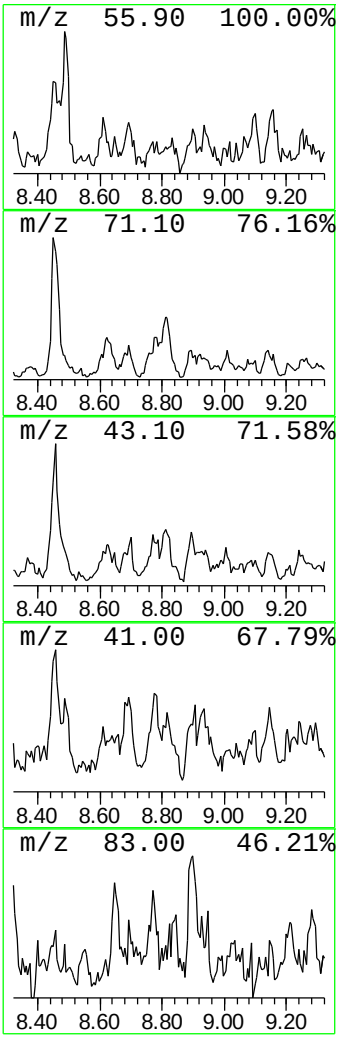
****

Peak Number 13 unknown-02 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	2.48 ng/ul	128040	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-3-Penten-2-ol	86	C5H10O	003899-34-1	43
2	3-Methyl-isoxazol-5(4H)-one	99	C4H5NO2	001517-96-0	43
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	38
4	Propanal, 2-propenylhydrazone	112	C6H12N2	019031-78-8	38
5	Isobutyramide, N-methallyl-	141	C8H15NO	1000339-96-0	38





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Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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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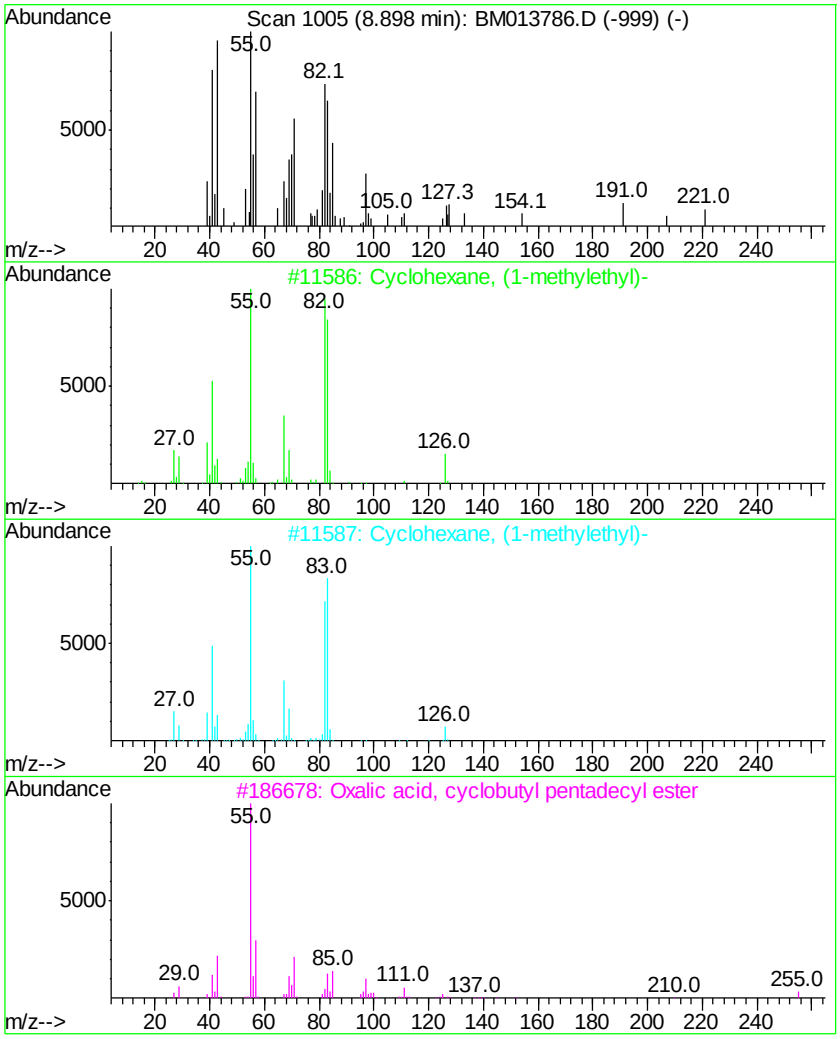
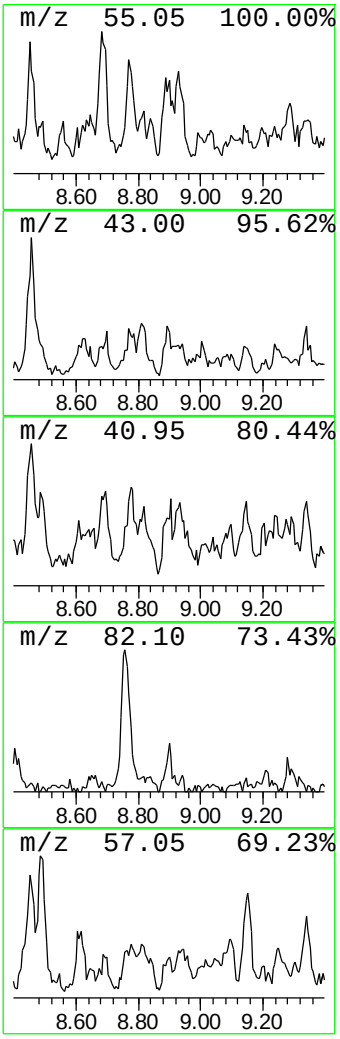
Peak Number 14 (DEL) Alkane: Cyclic8.90 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	2.25 ng/ul	116010	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
3	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	38
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35
5	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	35





Library Search Compound Report

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Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

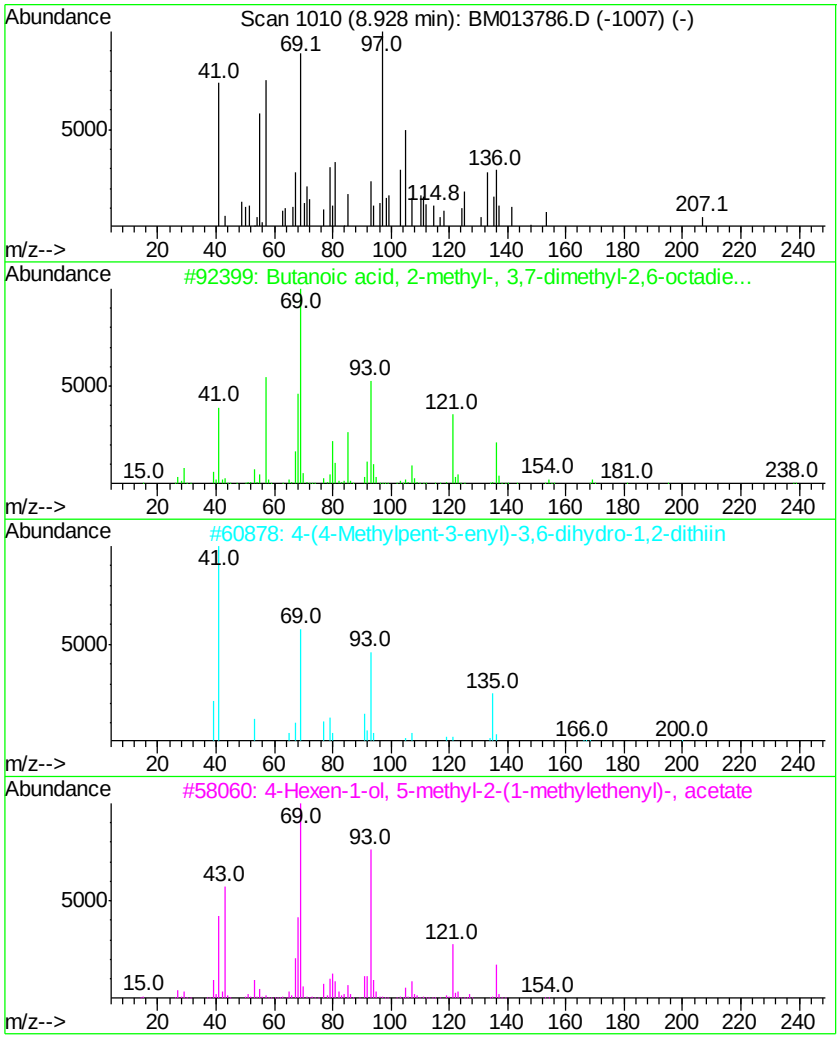
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

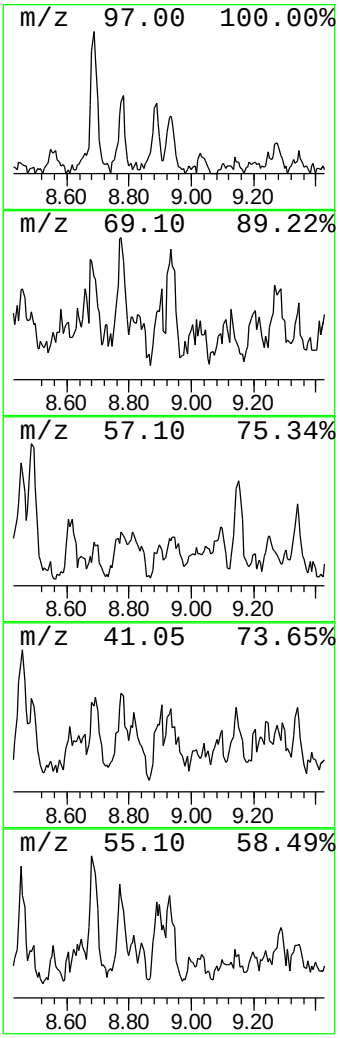
****

Peak Number 15 unknown-03 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	2.75 ng/ul	141701	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, 3,7-di...	238	C15H26O2	068705-63-5	22
2	4-(4-Methylpent-3-enyl)-3,6-dihy...	200	C10H16S2	073188-23-5	14
3	4-Hexen-1-ol, 5-methyl-2-(1-meth...	196	C12H20O2	025905-14-0	14
4	9-Oxabicyclo[6.1.0]nonane, 1-met...	140	C9H16O	052954-47-9	14
5	2,6-Octadien-1-ol, 3,7-dimethyl-...	210	C13H22O2	000105-90-8	14





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Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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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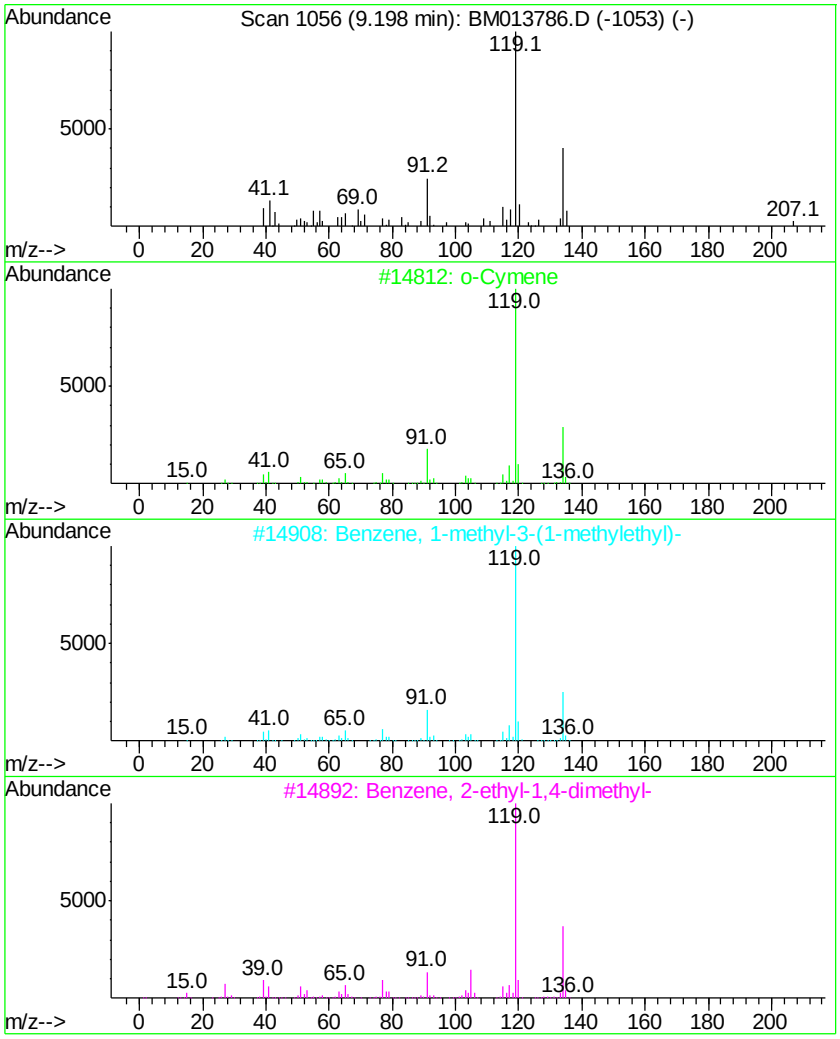
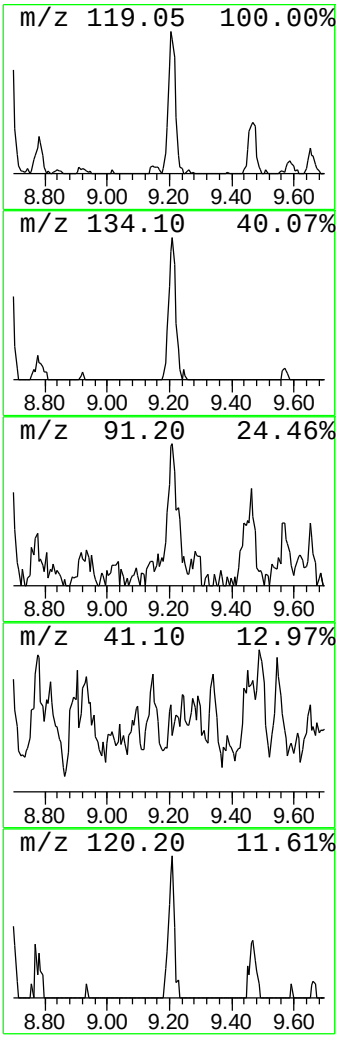
Peak Number 16 o-Cymene Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	2.32 ng/ul	141565	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	p-Cymene	134	C10H14	000099-87-6	91





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Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

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

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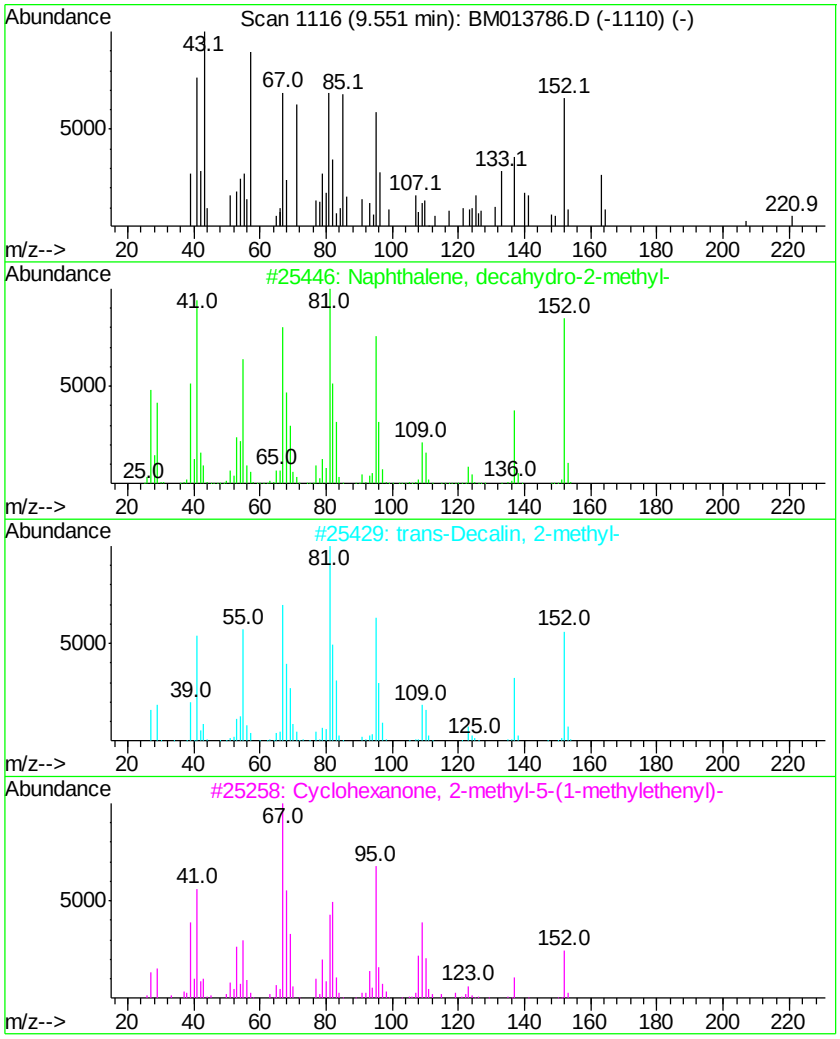
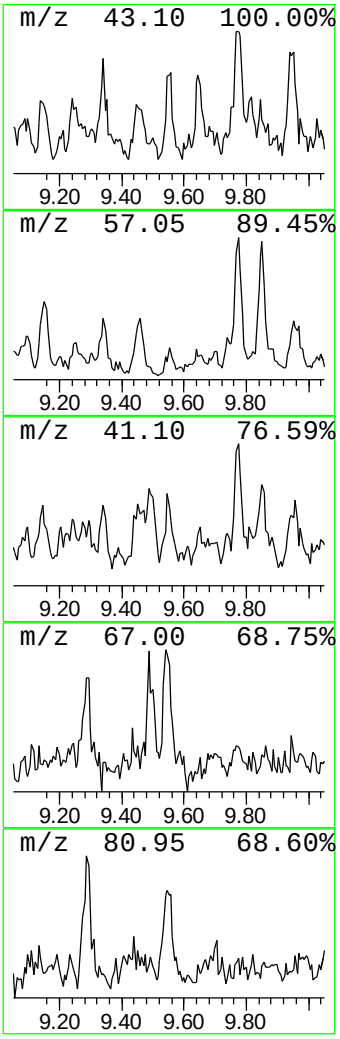
Peak Number 17 Naphthalene, decahydro-2-me... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	2.93 ng/ul	178542	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
3	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	64
4	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	60
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	55





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

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

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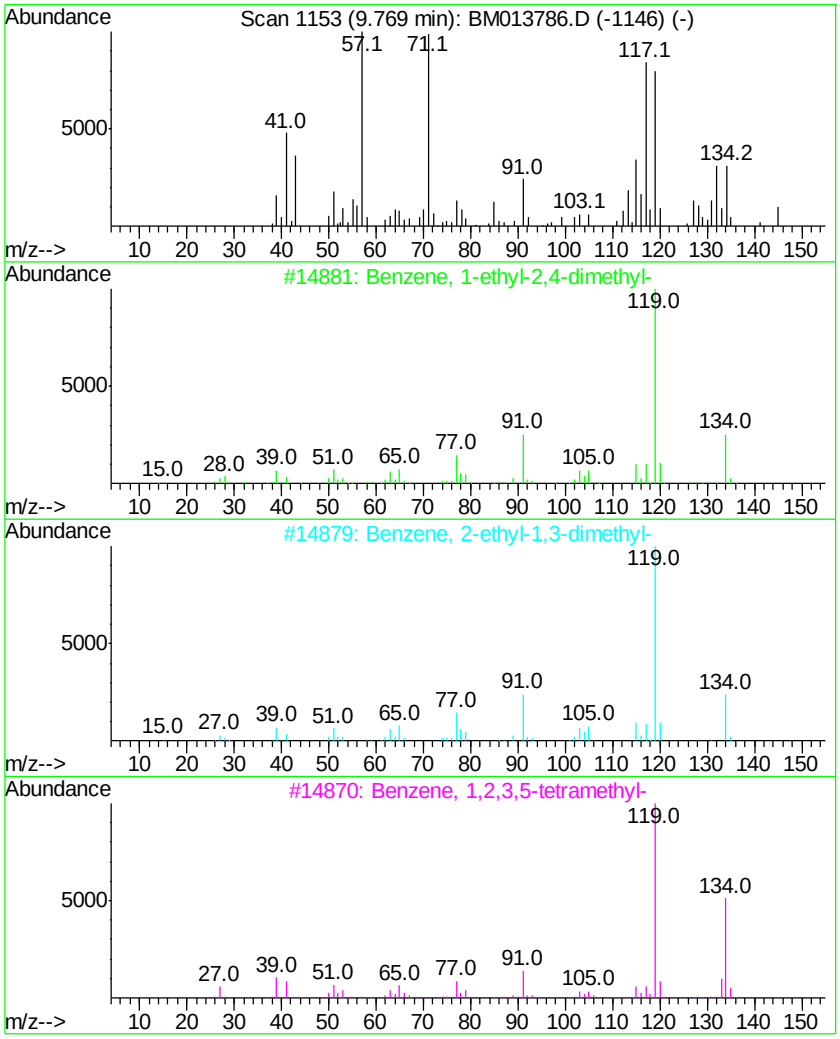
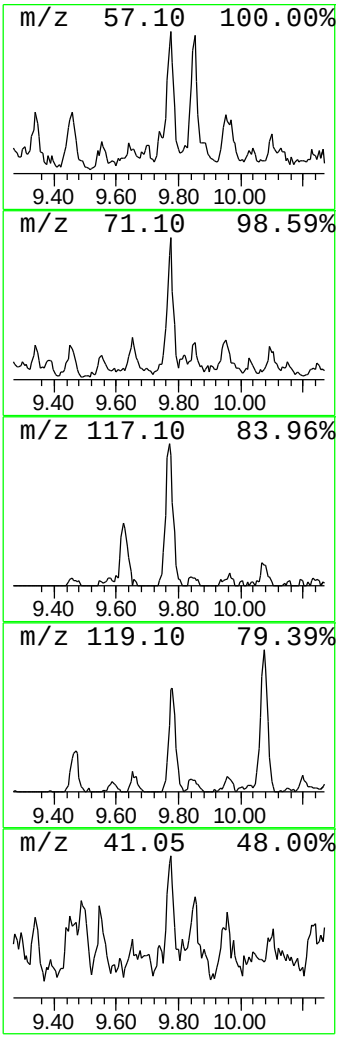
Peak Number 18 unknown-04 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	5.35 ng/ul	326118	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	42
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	42
4	o-Cymene	134	C10H14	000527-84-4	42
5	o-Cymene	134	C10H14	000527-84-4	42





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Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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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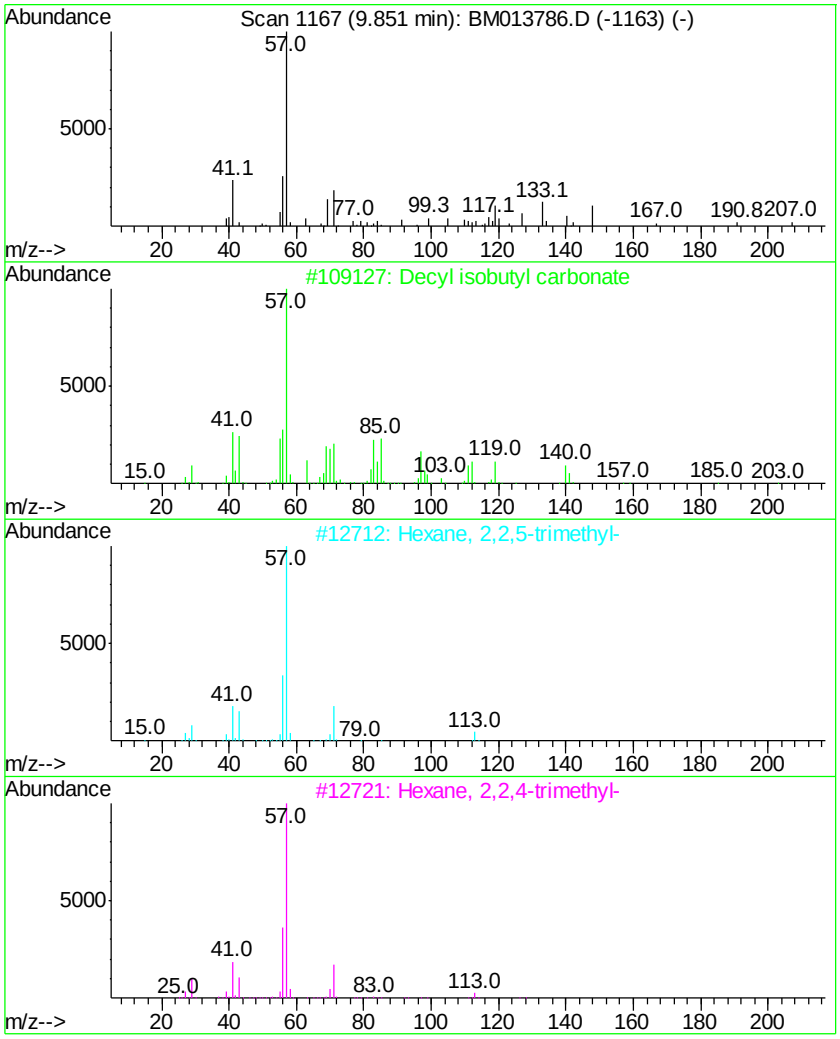
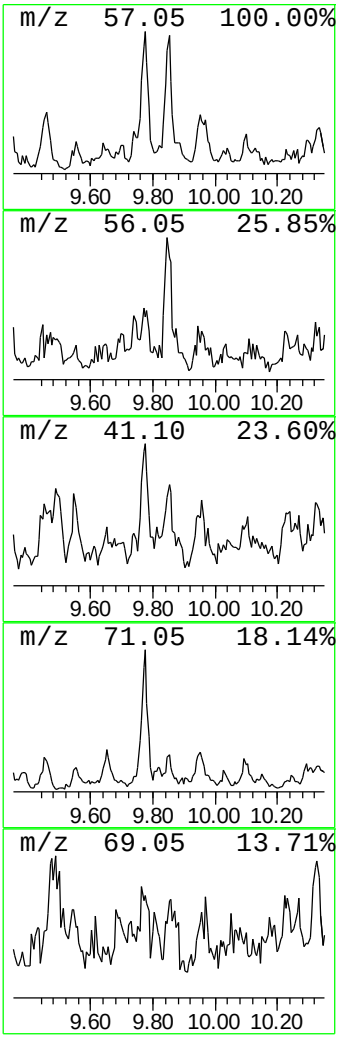
Peak Number 19 unknown-05 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.69 ng/ul	164044	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	40
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	37
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	37
4	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	27
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	25





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Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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Quant Title : SVOA CALIBRATION

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

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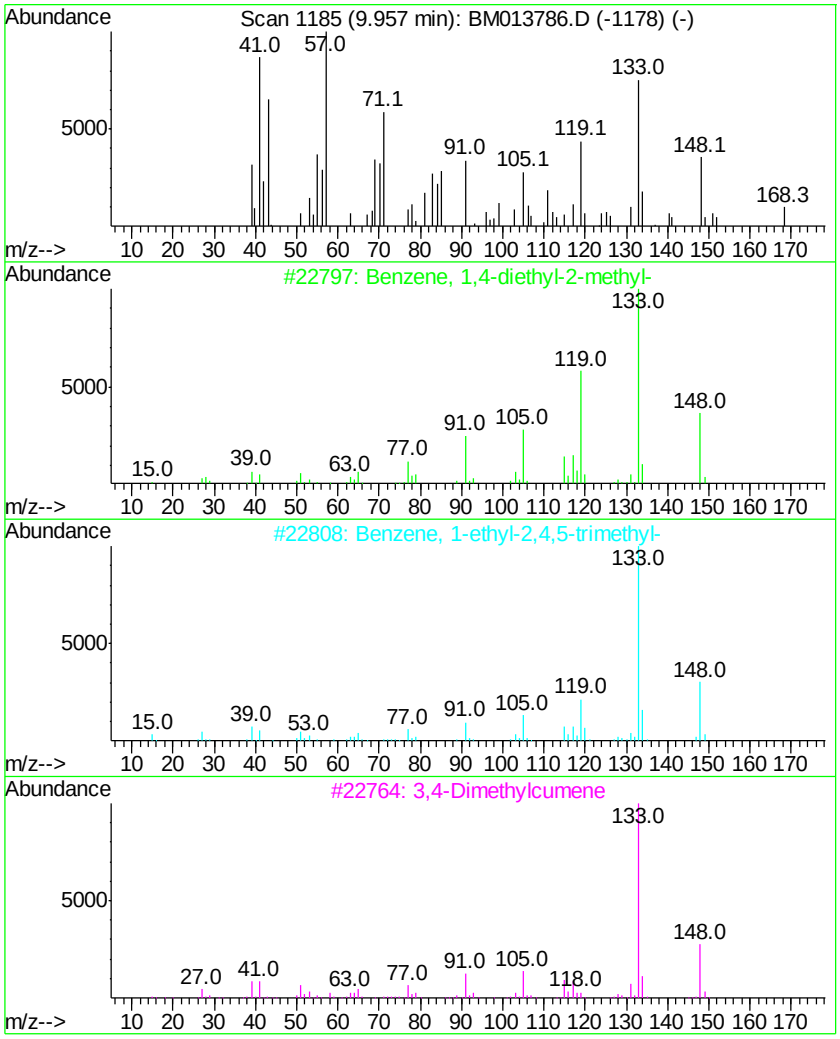
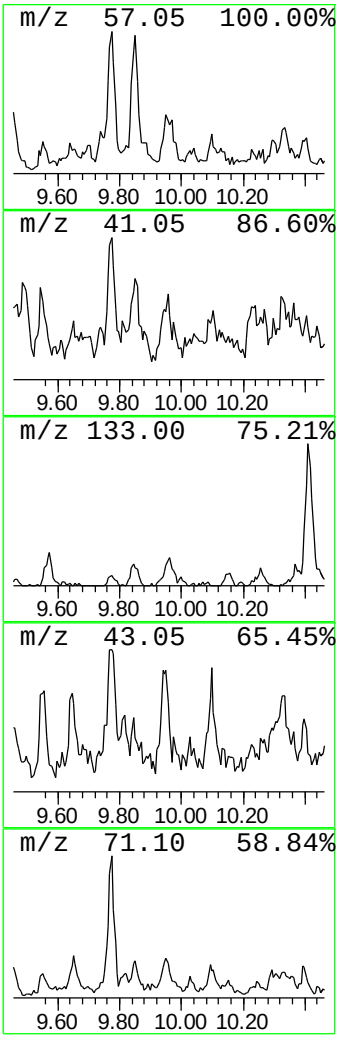
Peak Number 20 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	2.85 ng/ul	173846	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	60
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	46
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	43
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	38
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	30





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

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

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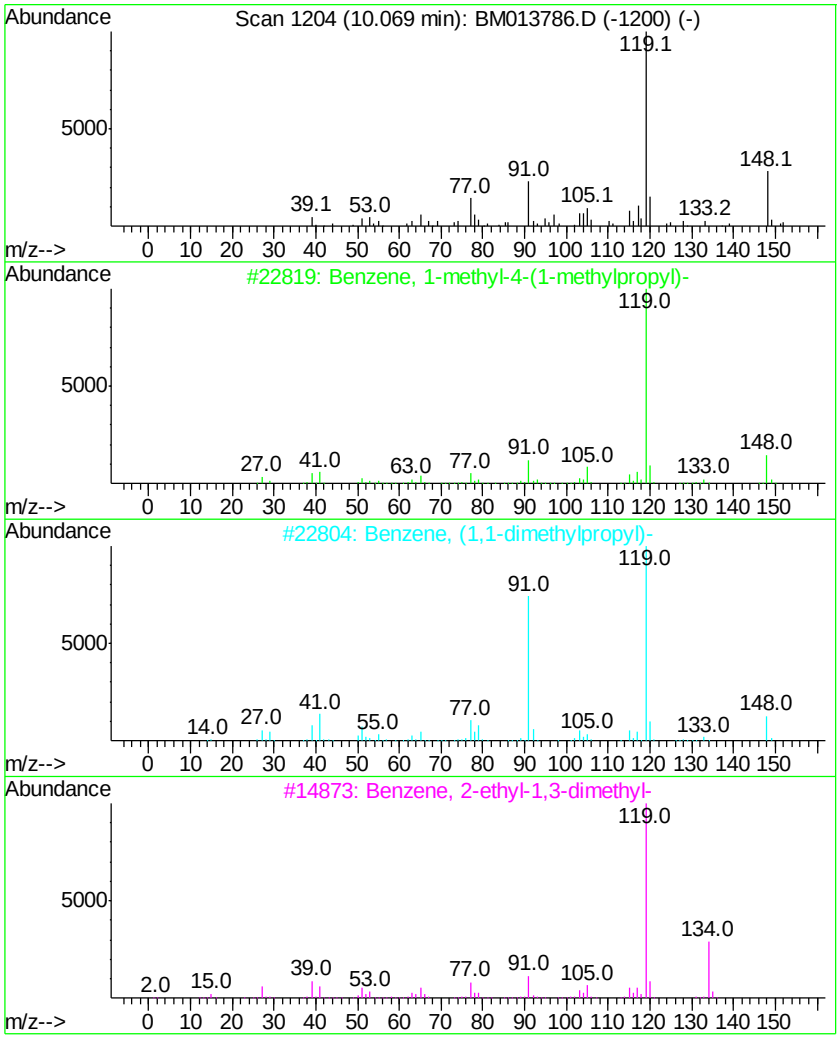
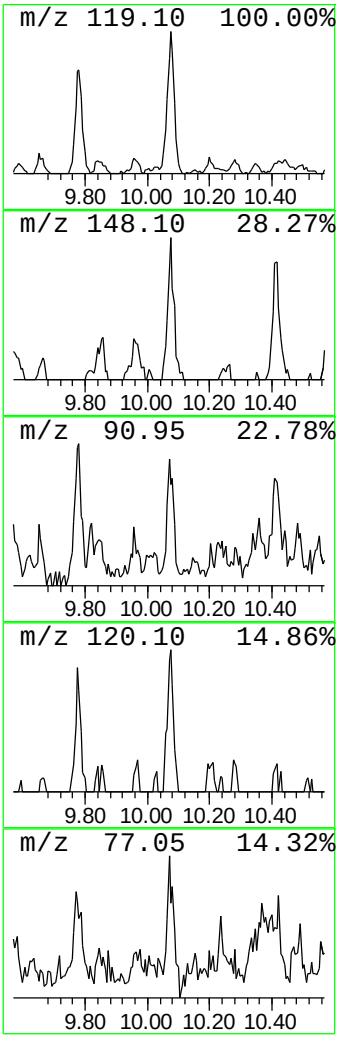
Peak Number 21 Benzene, 1-methyl-4-(1-meth... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	2.52 ng/ul	153861	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	59





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Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

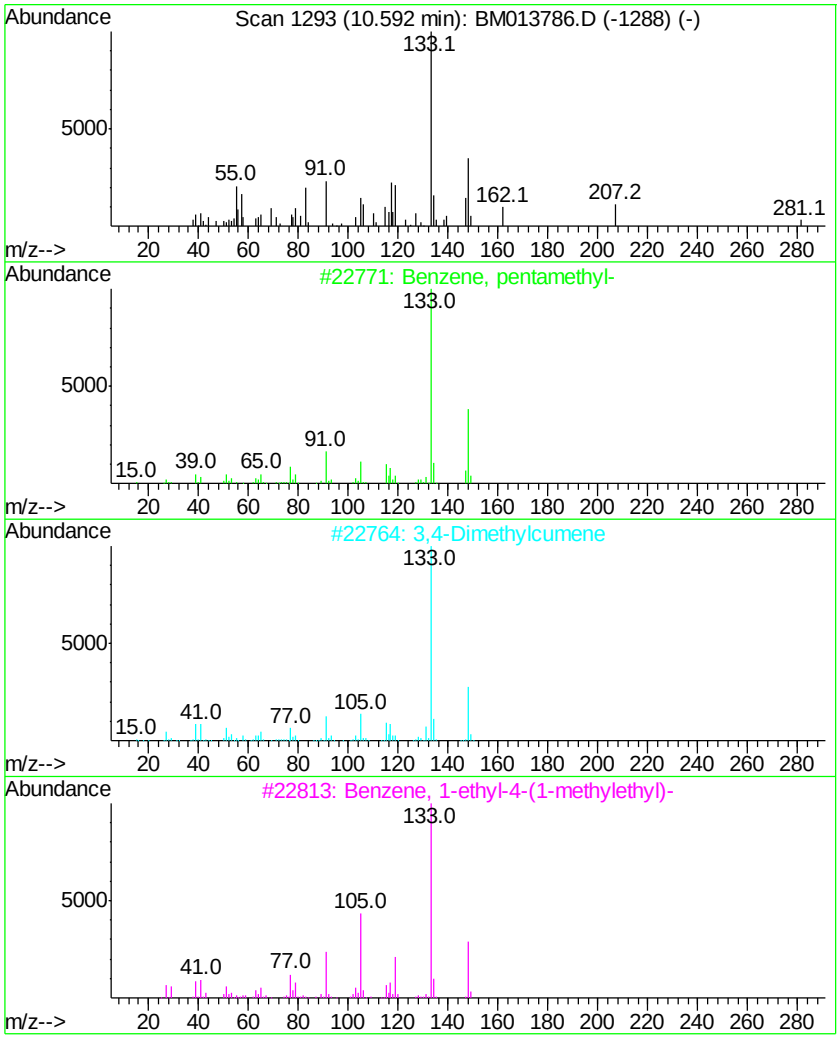
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

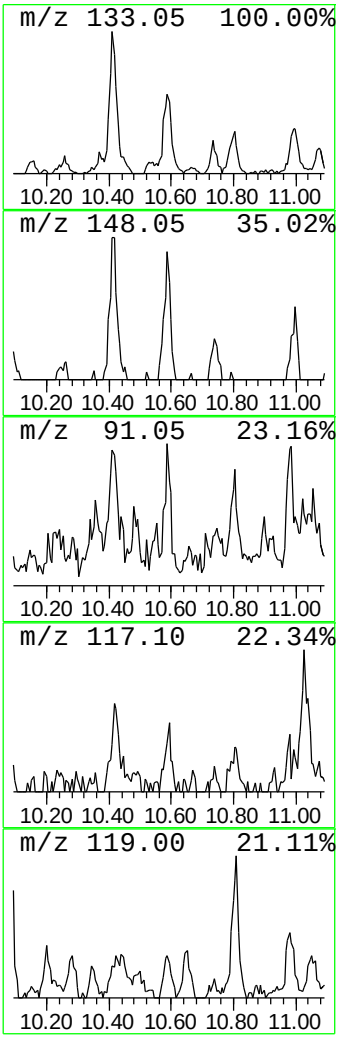
****

Peak Number 22 Benzene, pentamethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.39 ng/ul	145685	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	81
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	81
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	81
5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	80





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Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

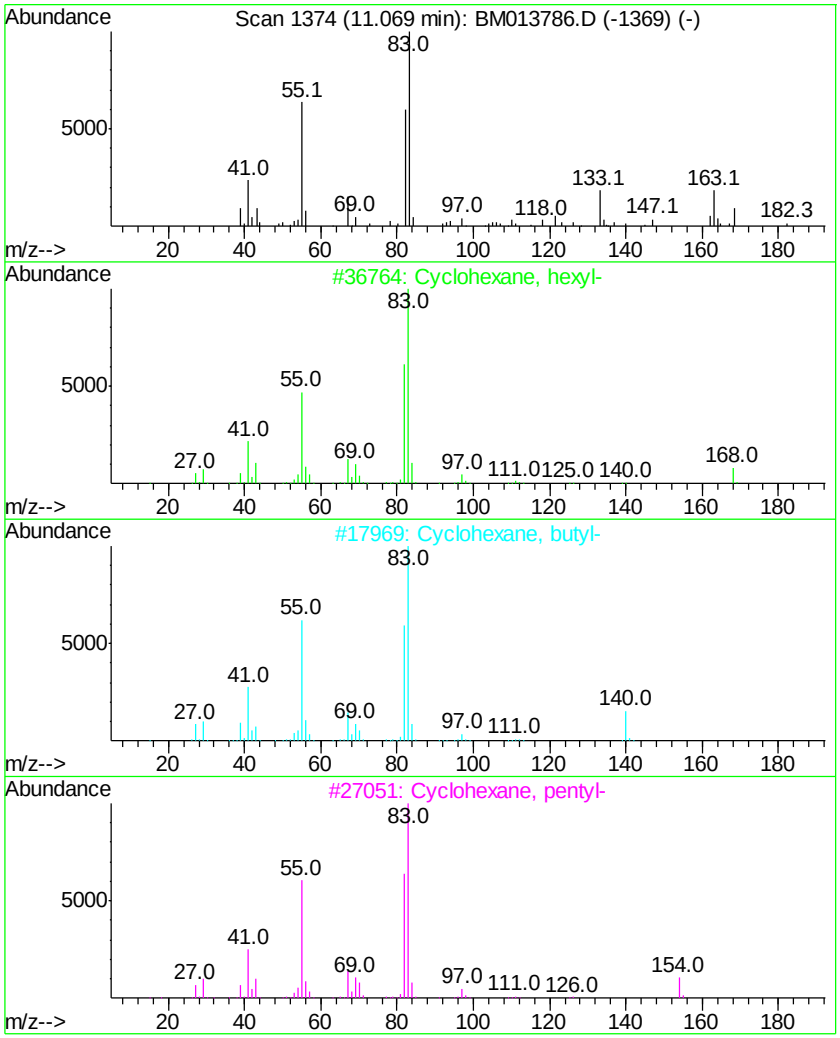
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

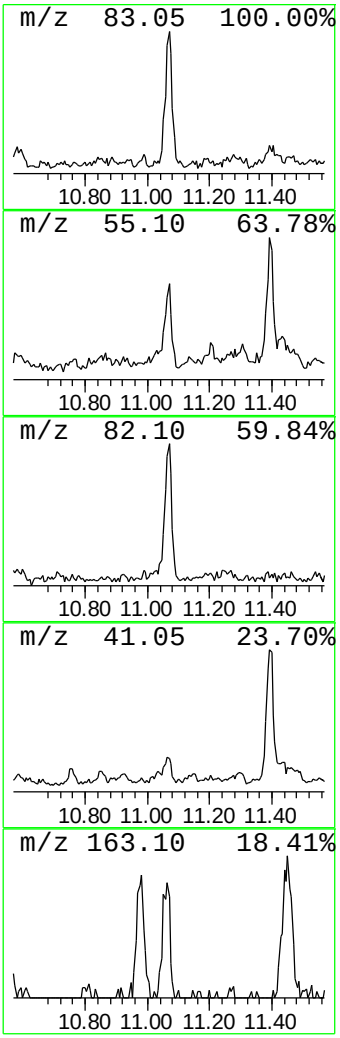
****

Peak Number 23 (DEL) Alkane: Cyclic11.07 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	3.72 ng/ul	226673	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	59
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	42
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	42





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Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

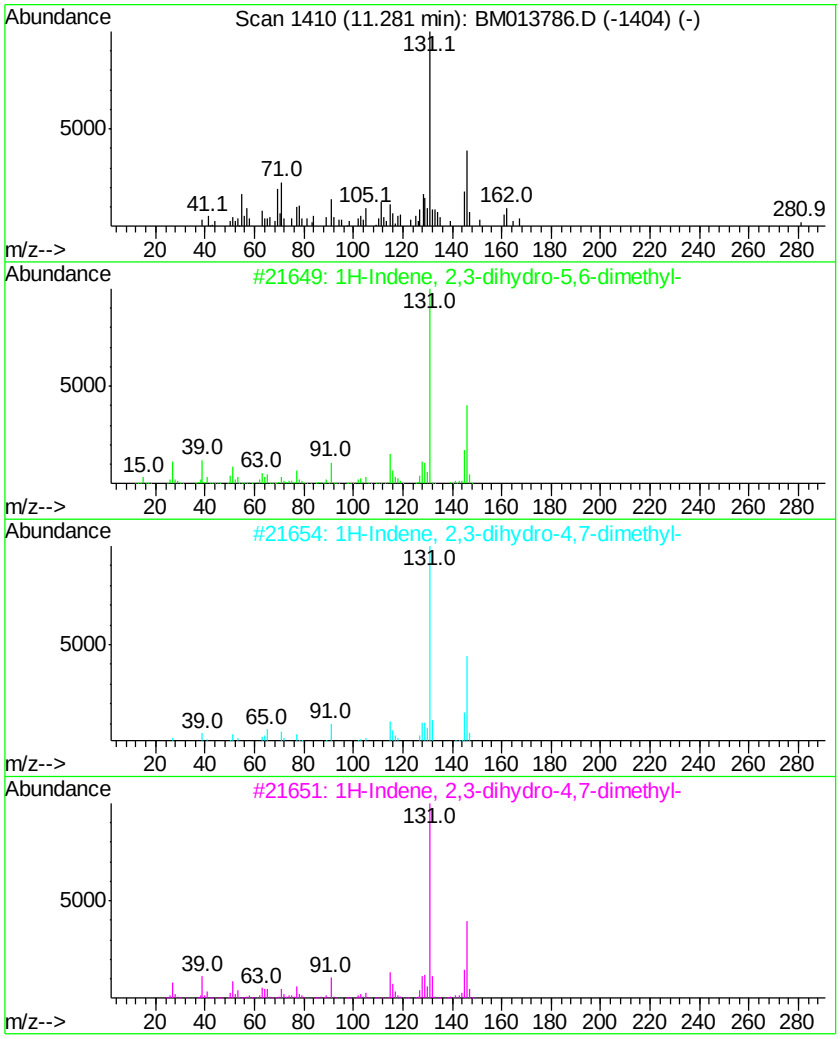
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

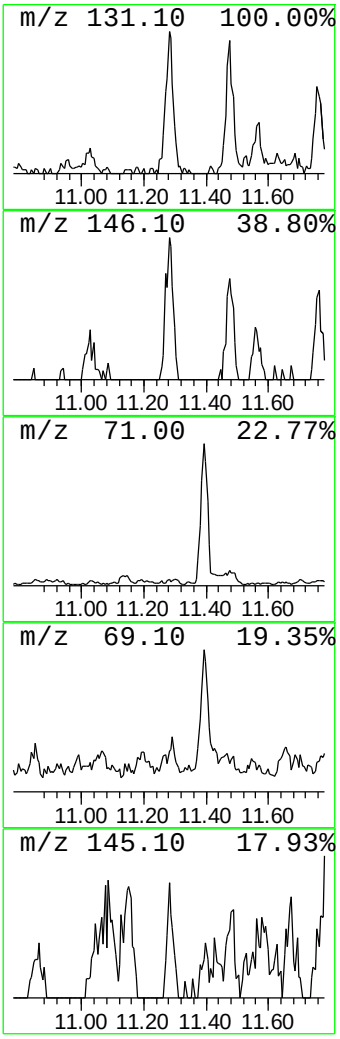
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	2.68 ng/ul	163084	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	90
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	81





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Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

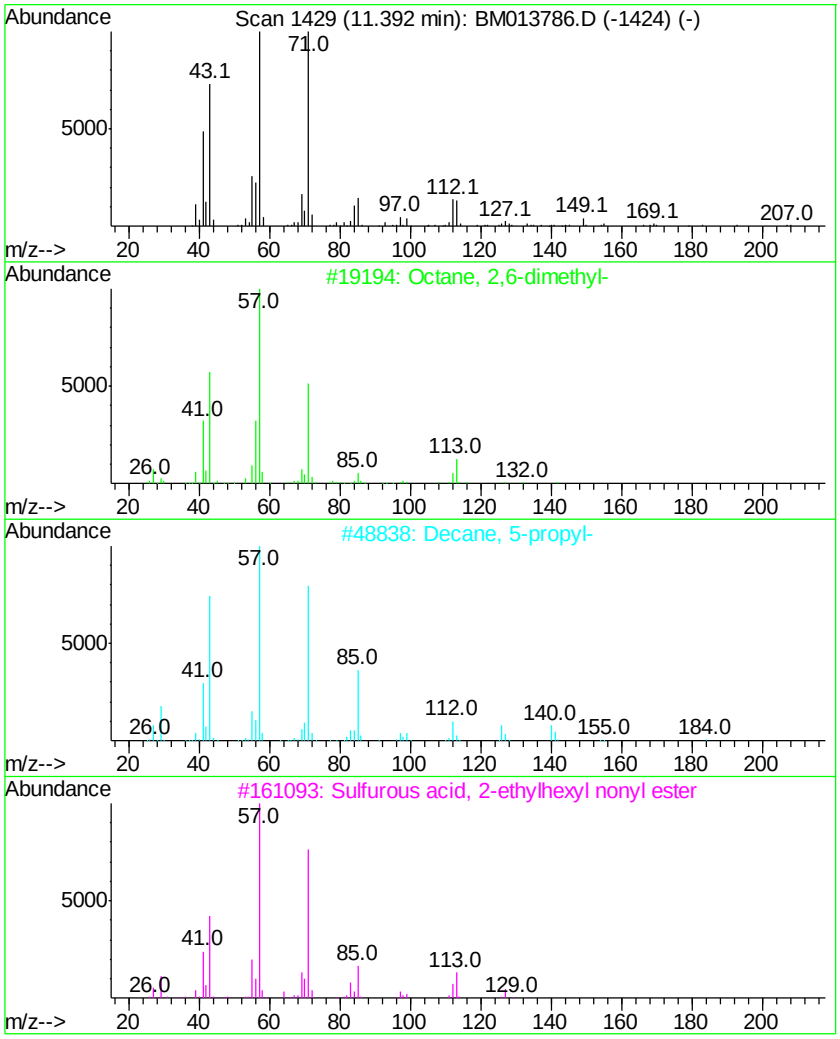
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

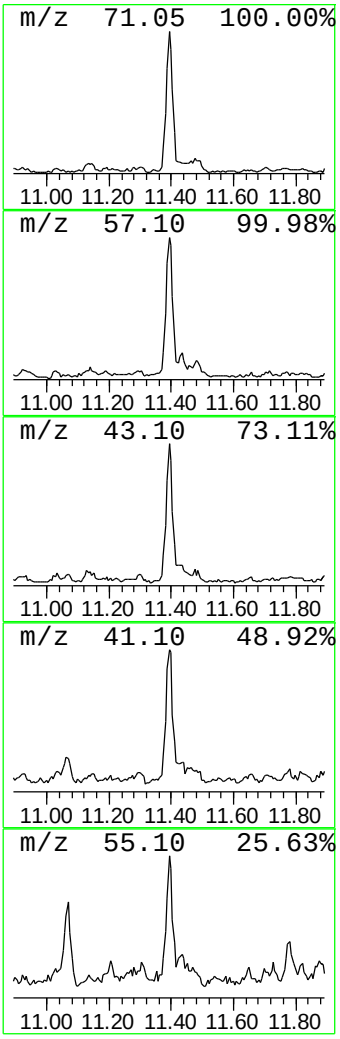
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	13.08 ng/ul	797302	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Decane, 5-propyl-	184	C13H28	017312-62-8	64
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	53
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
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Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

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

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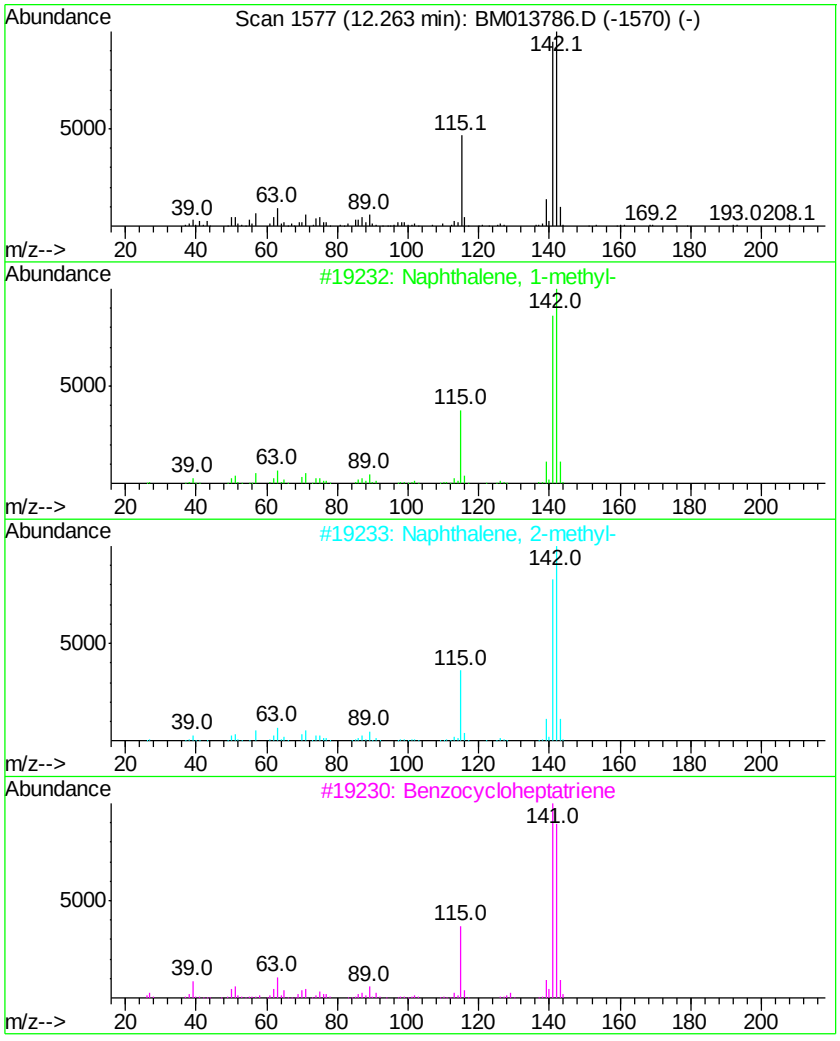
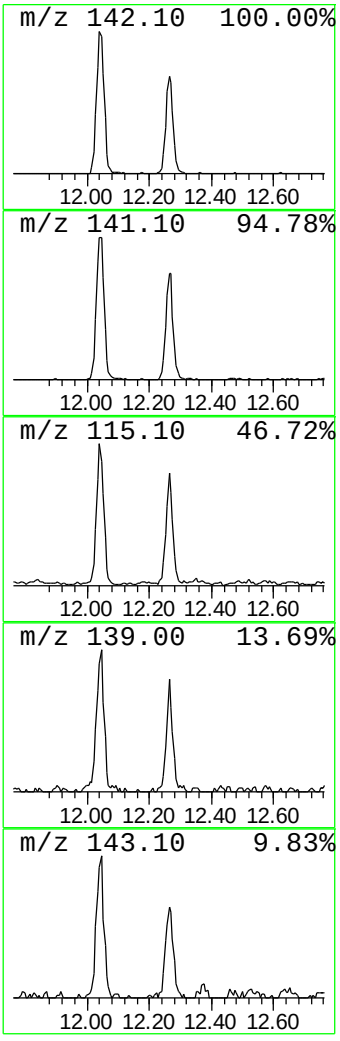
Peak Number 26 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	11.97 ng/ul	729327	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
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Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

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

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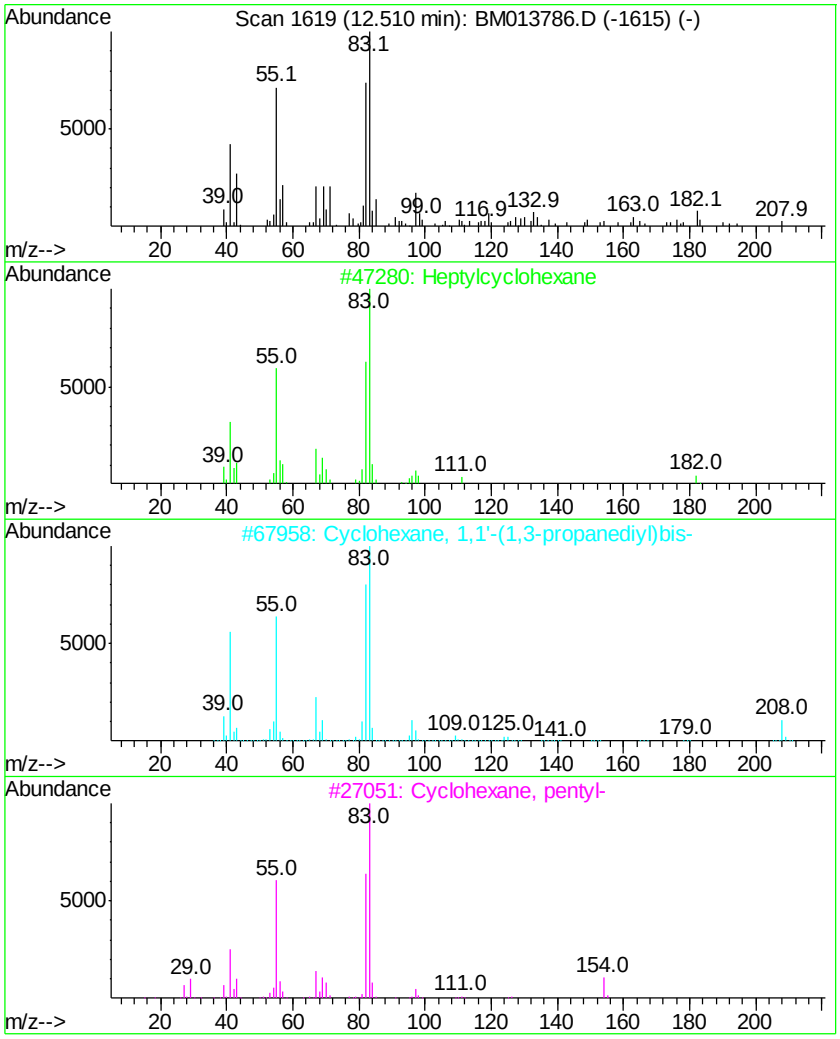
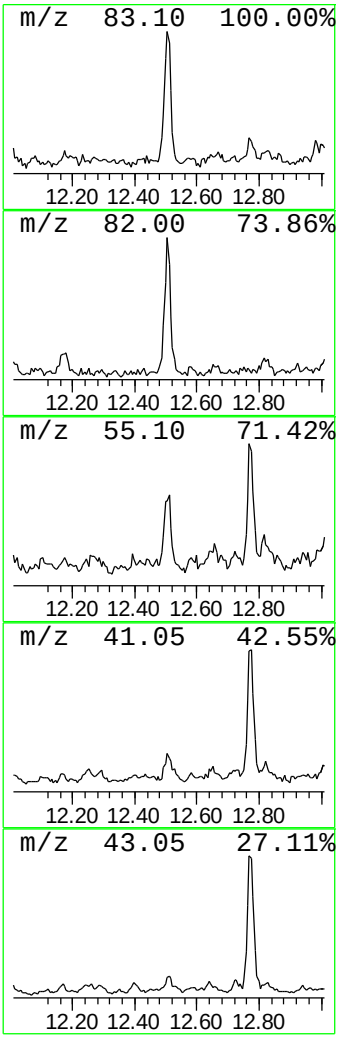
Peak Number 27 (DEL) Alkane: Cyclic12.51 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.23 ng/ul	262810	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	74
2	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	74
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4	Heptylcyclohexane	182	C13H26	005617-41-4	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





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Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

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

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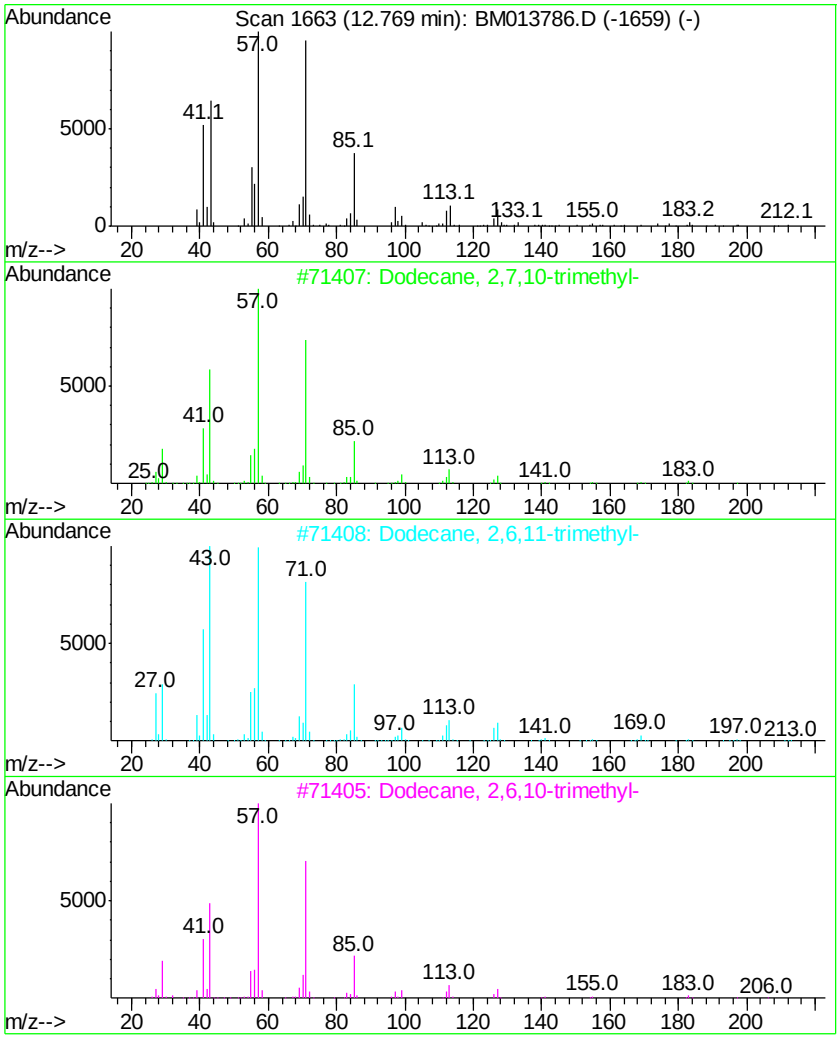
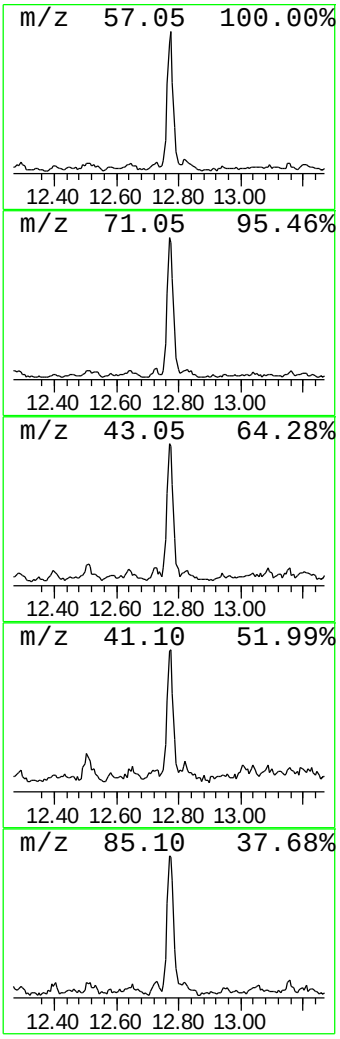
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	7.32 ng/ul	862725	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

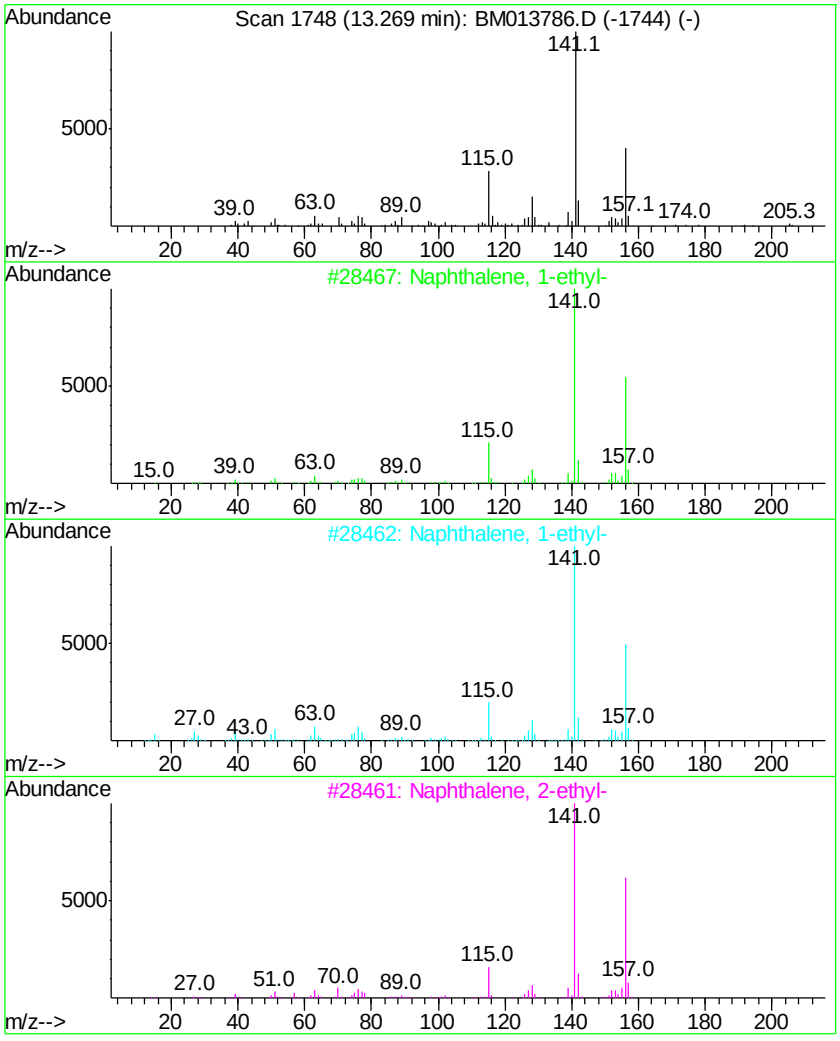
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

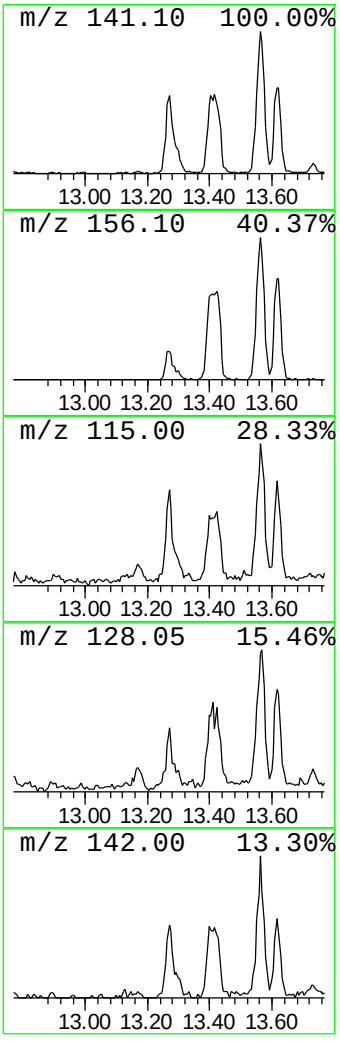
****

Peak Number 29 Naphthalene, 1-ethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.14 ng/ul	252177	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

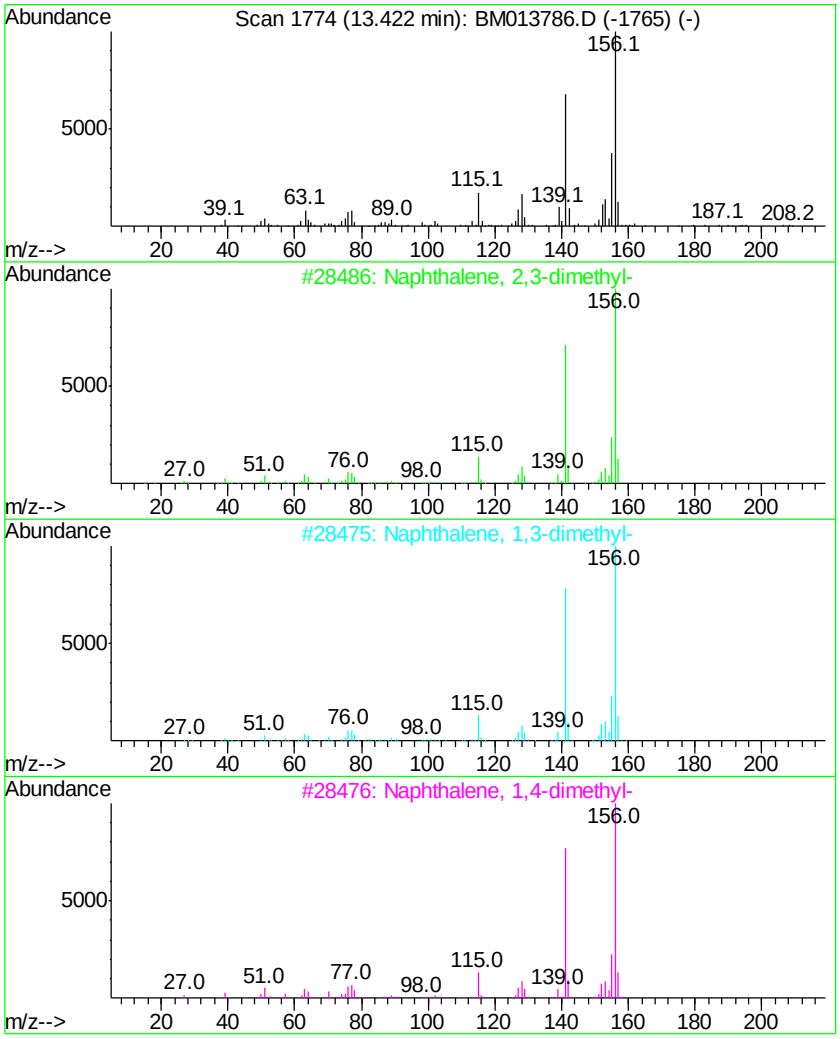
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

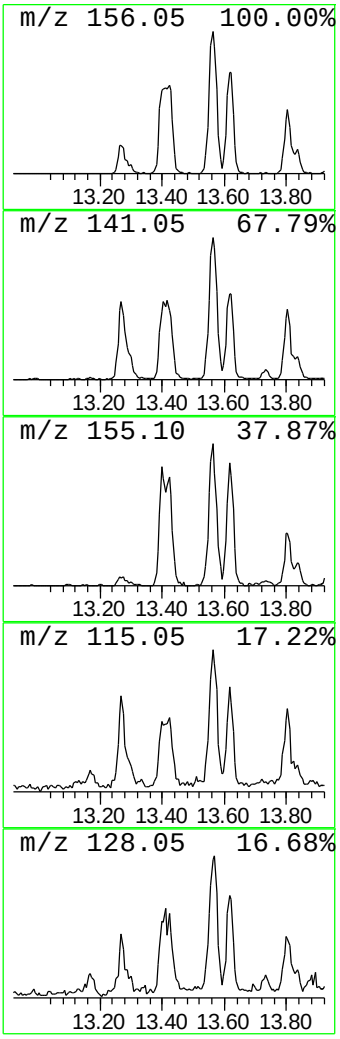
****

Peak Number 30 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	8.15 ng/ul	960198	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

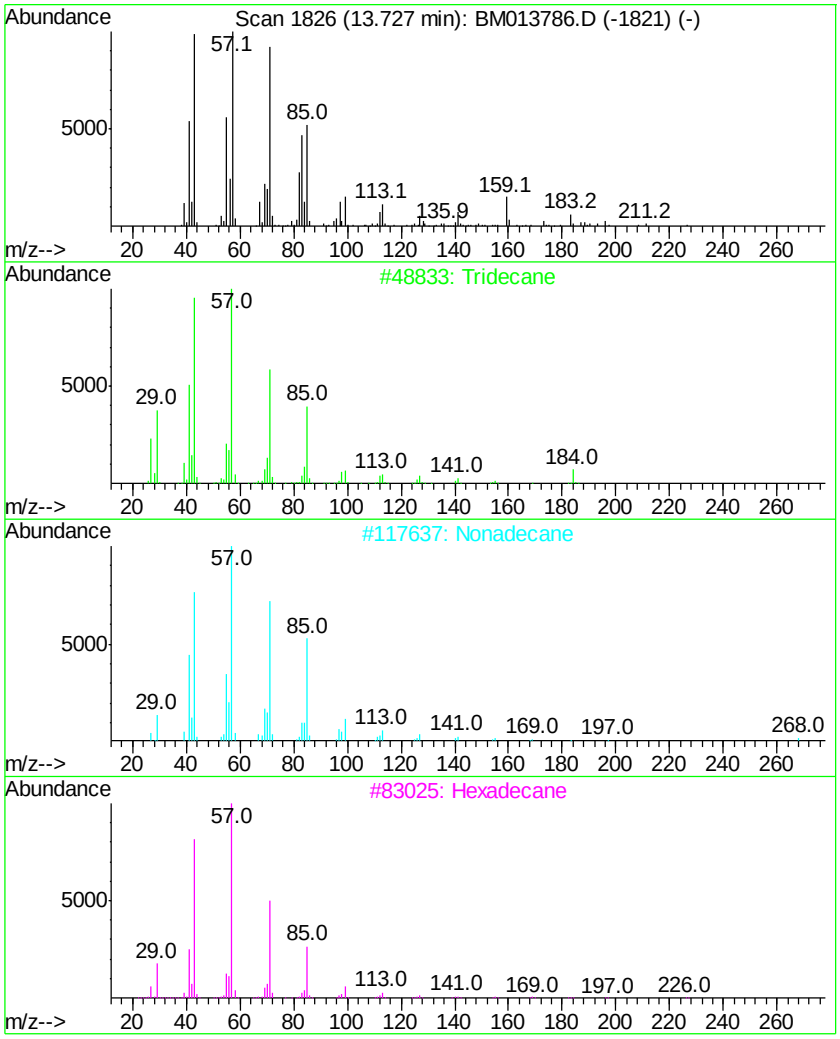
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

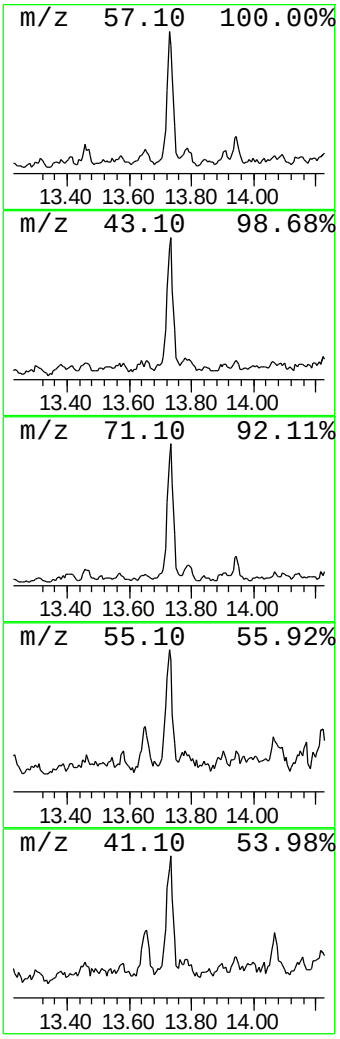
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	6.33 ng/ul	746009	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Nonadecane	268	C19H40	000629-92-5	68
3	Hexadecane	226	C16H34	000544-76-3	64
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
5	Hexadecane	226	C16H34	000544-76-3	58





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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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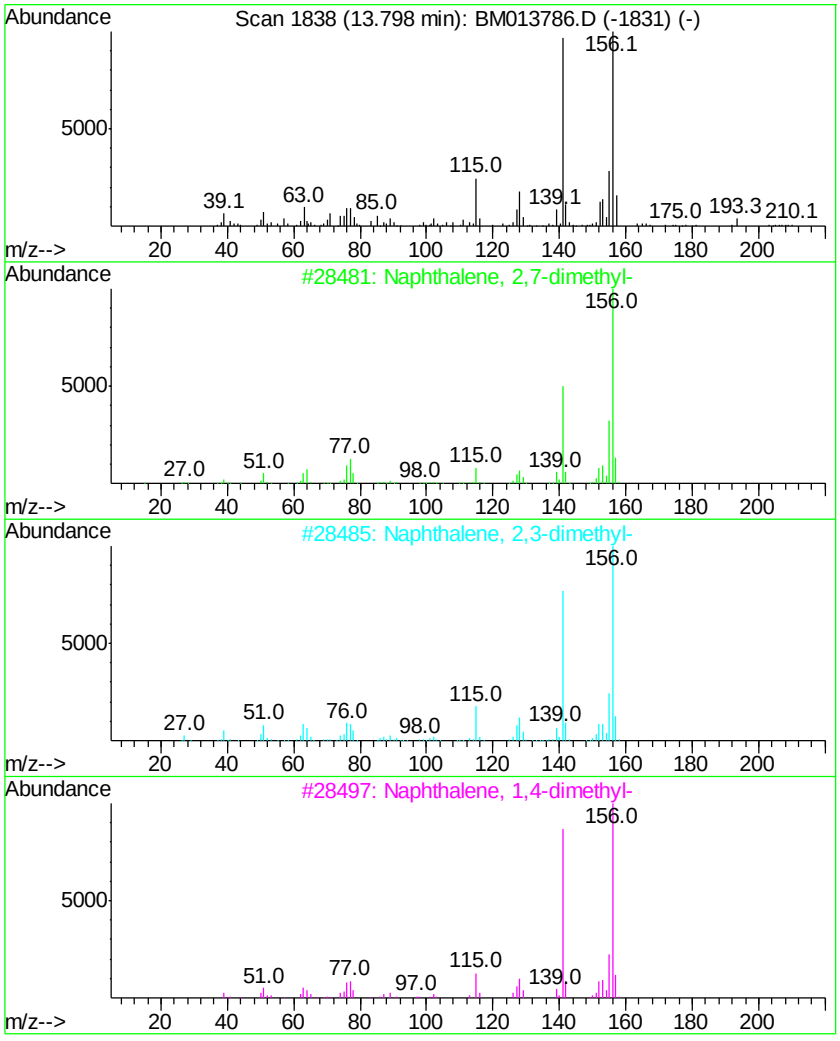
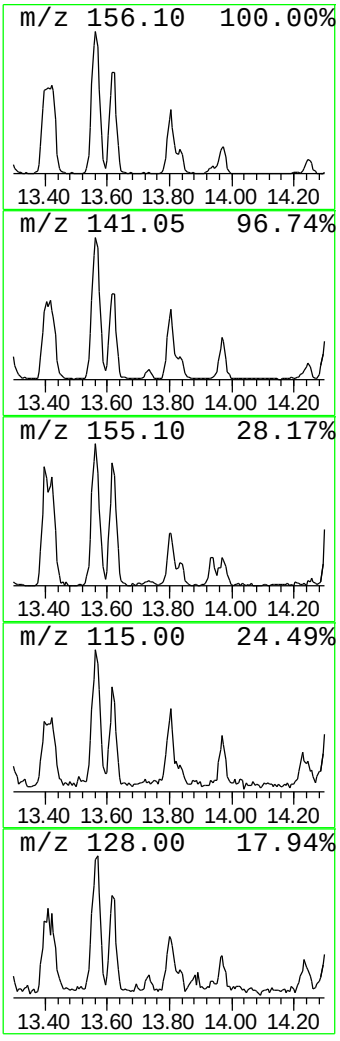
Peak Number 33 Naphthalene, 2,7-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	3.53 ng/ul	415432	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

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

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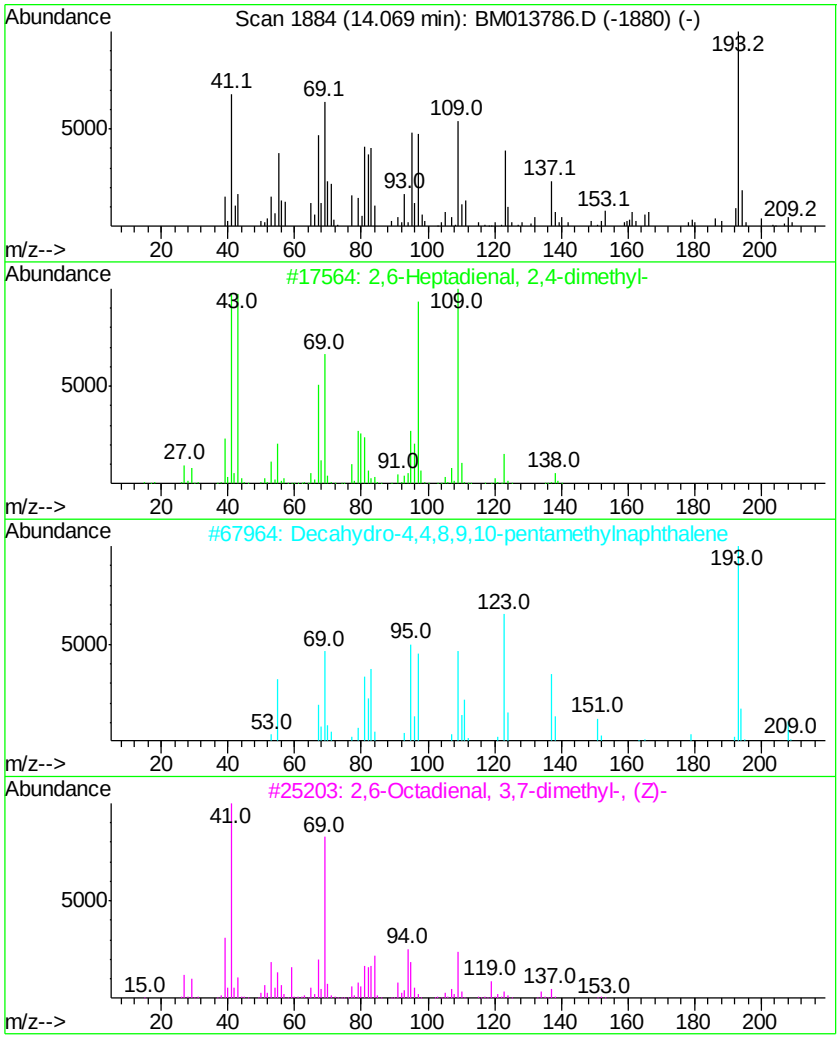
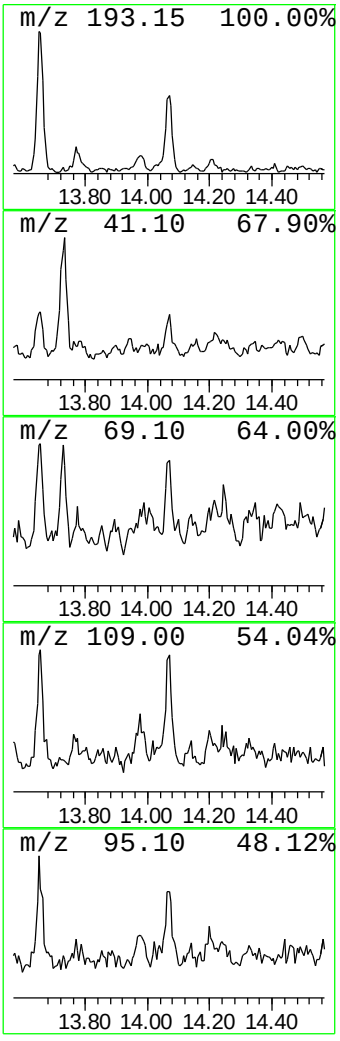
Peak Number 34 unknown-06 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.73 ng/ul	322152	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	38
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
3	2,6-Octadienal, 3,7-dimethyl-, (Z)-	152	C10H16O	000106-26-3	35
4	2-Anthracenamine	193	C14H11N	000613-13-8	25
5	Bicyclo[3.1.1]heptane-2-carboxal...	152	C10H16O	004764-14-1	18





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

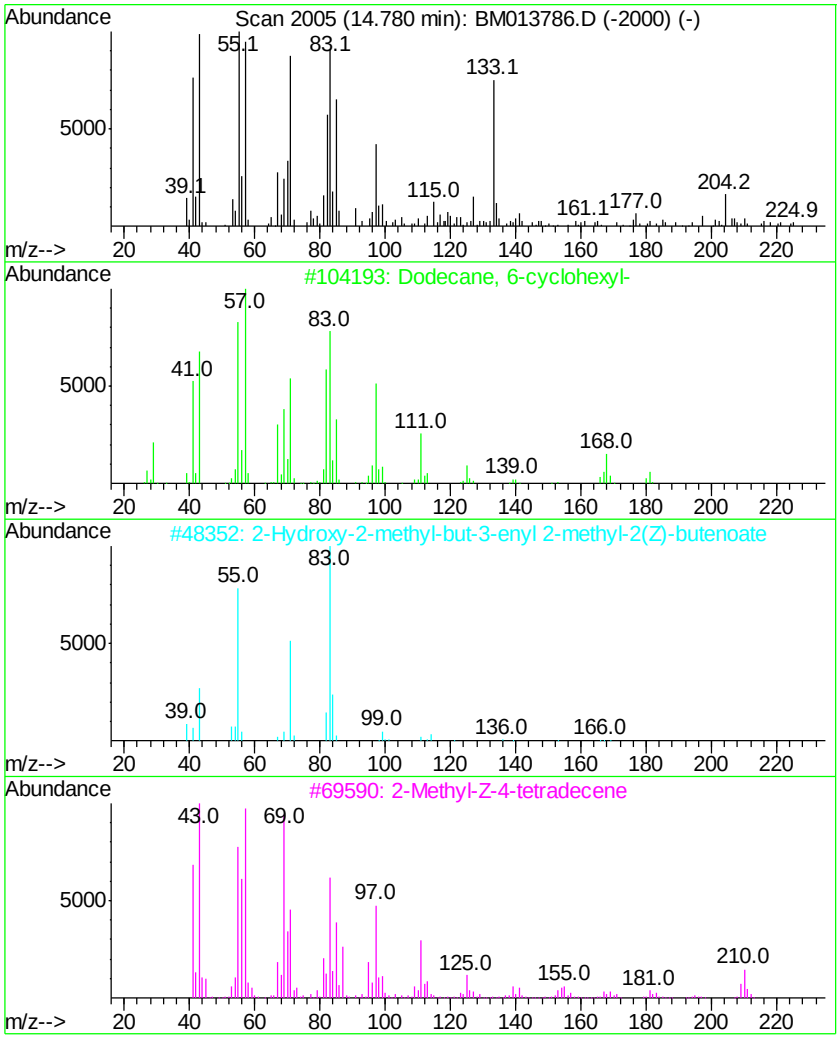
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

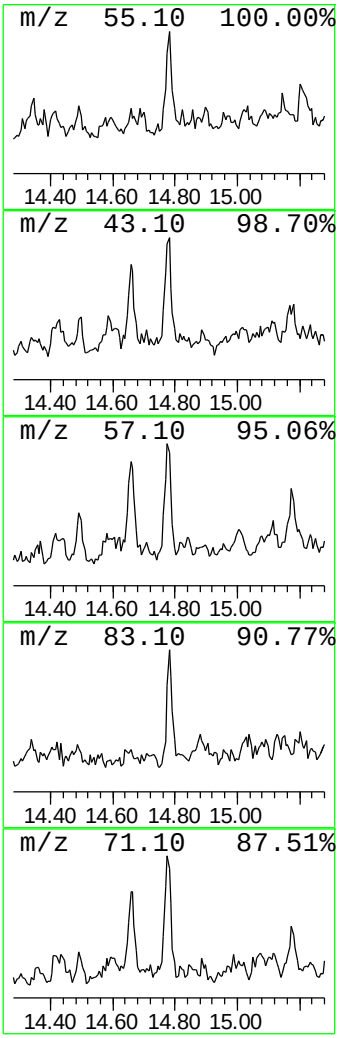
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	3.25 ng/ul	382763	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	43
2	2-Hydroxy-2-methyl-but-3-enyl 2-...	184	C10H16O3	080758-67-4	35
3	2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	25
4	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	18
5	Nonadecane	268	C19H40	000629-92-5	18





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

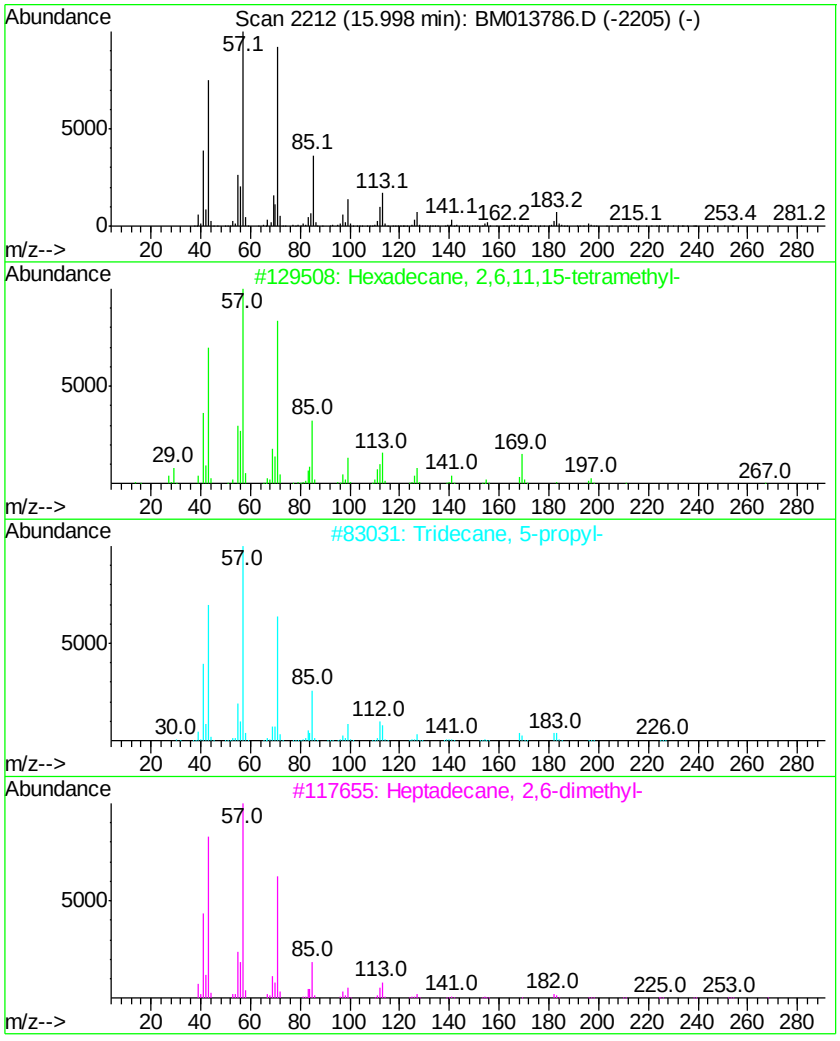
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

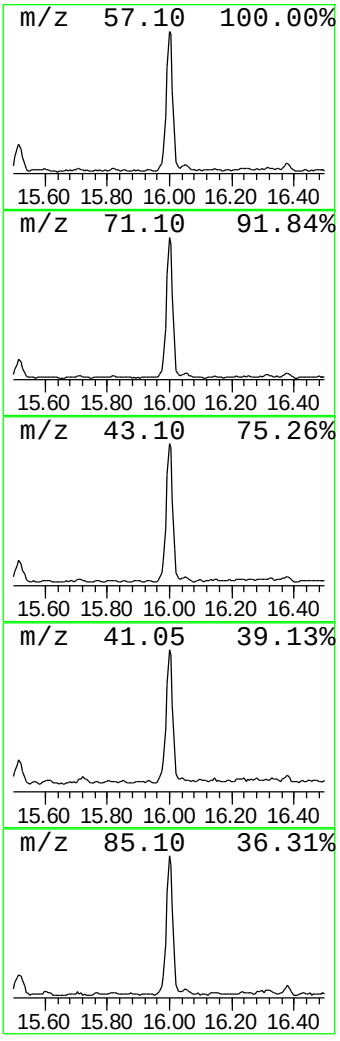
****

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	45.36 ng/ul	4634710	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	91
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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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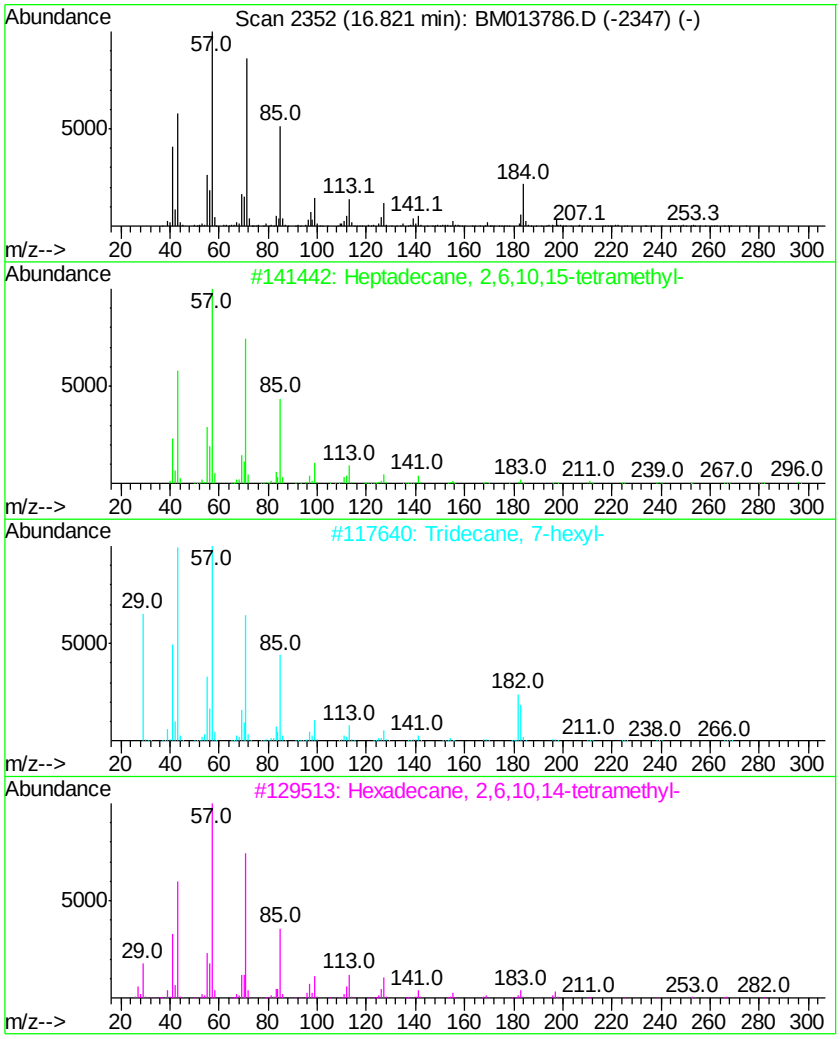
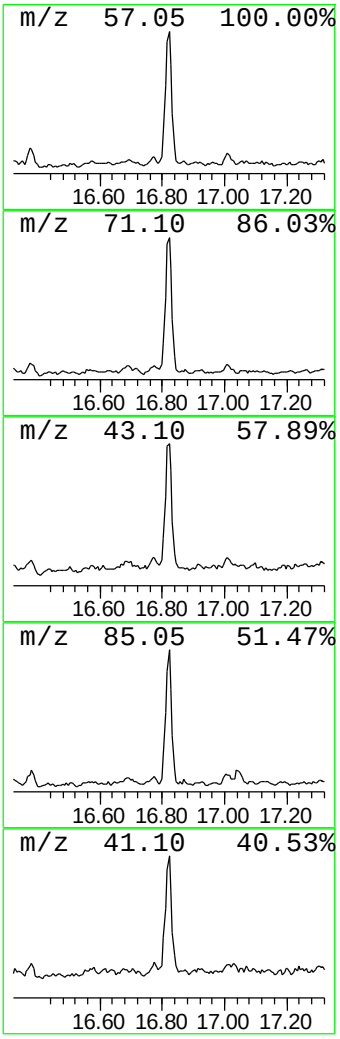
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	19.73 ng/ul	2016200	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	83
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	83
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4	Dodecane	170	C12H26	000112-40-3	81
5	Tetradecane	198	C14H30	000629-59-4	76





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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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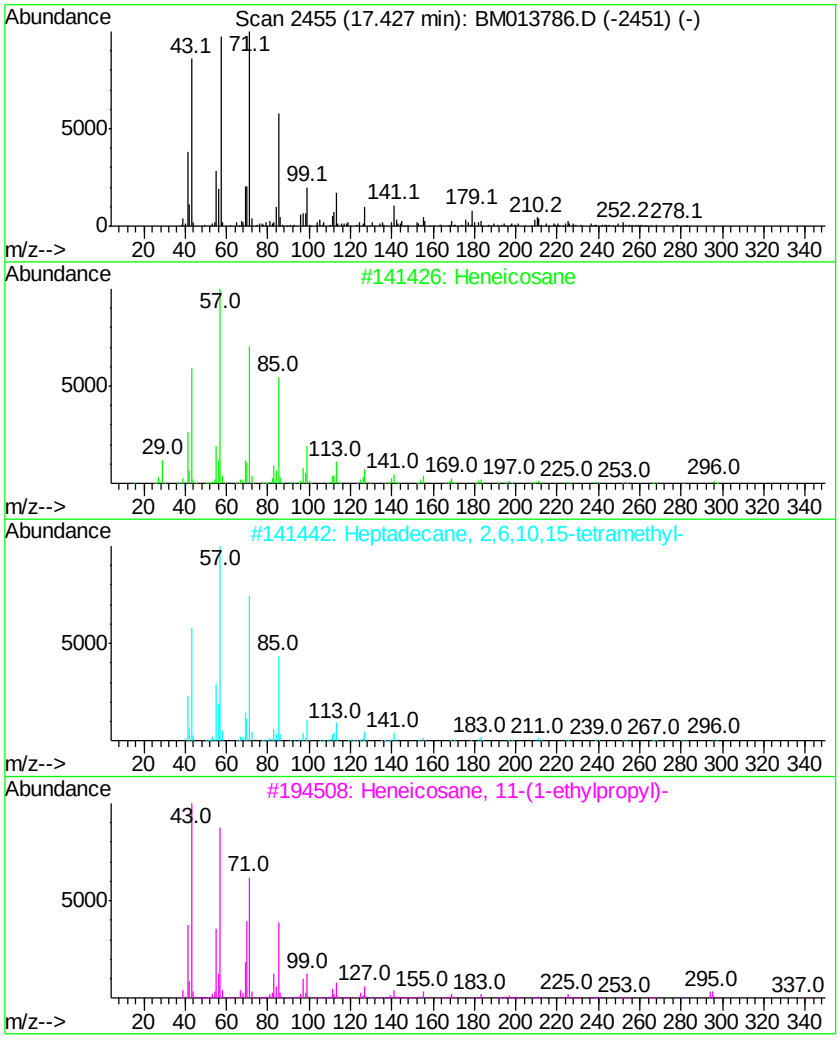
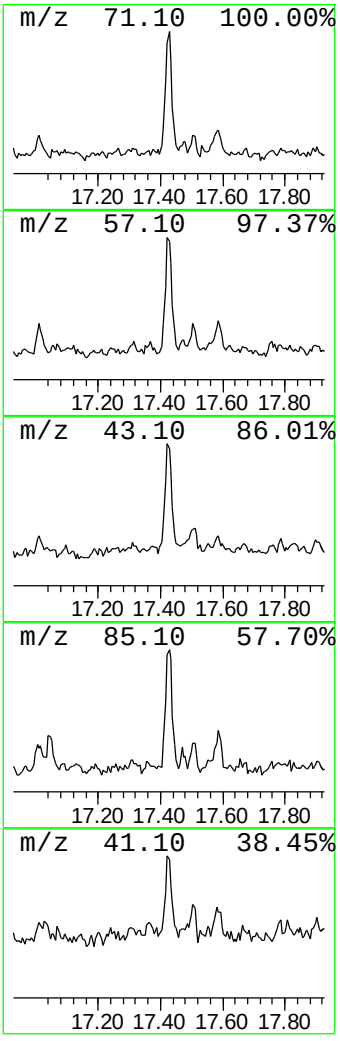
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	6.43 ng/ul	656648	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
4	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	80
5	Hexadecane	226	C16H34	000544-76-3	72





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_M\DATA\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48DL

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	4.67	2.3	ng/ul	119526	1	7.59	1030730	20.0
(DEL) Alkane: Cyc...	5.88	4.0	ng/ul	205958	1	7.59	1030730	20.0
(DEL) Alkane: Str...	6.09	3.8	ng/ul	193360	1	7.59	1030730	20.0
(DEL) Alkane: Str...	6.16	3.1	ng/ul	159517	1	7.59	1030730	20.0
(DEL) Alkane: Str...	6.49	3.5	ng/ul	180679	1	7.59	1030730	20.0
(DEL) Alkane: Str...	6.59	3.4	ng/ul	173956	1	7.59	1030730	20.0
(DEL) Alkane: Str...	7.81	6.5	ng/ul	337804	1	7.59	1030730	20.0
unknown-01	8.07	2.4	ng/ul	122197	1	7.59	1030730	20.0
(DEL) Alkane: Str...	8.12	7.7	ng/ul	395428	1	7.59	1030730	20.0
(DEL) Alkane: Str...	8.25	5.8	ng/ul	297443	1	7.59	1030730	20.0
(DEL) Alkane: Str...	8.46	3.4	ng/ul	173579	1	7.59	1030730	20.0
Benzene, 4-ethyl-...	8.69	5.6	ng/ul	289234	1	7.59	1030730	20.0
unknown-02	8.82	2.5	ng/ul	128040	1	7.59	1030730	20.0
(DEL) Alkane: Cyc...	8.90	2.3	ng/ul	116010	1	7.59	1030730	20.0
unknown-03	8.93	2.8	ng/ul	141701	1	7.59	1030730	20.0
o-Cymene	9.20	2.3	ng/ul	141565	2	10.37	1218760	20.0
Naphthalene, deca...	9.55	2.9	ng/ul	178542	2	10.37	1218760	20.0
unknown-04	9.77	5.3	ng/ul	326118	2	10.37	1218760	20.0
unknown-05	9.85	2.7	ng/ul	164044	2	10.37	1218760	20.0
Benzene, 1,4-diet...	9.96	2.9	ng/ul	173846	2	10.37	1218760	20.0
Benzene, 1-methyl...	10.07	2.5	ng/ul	153861	2	10.37	1218760	20.0
Benzene, pentamet...	10.59	2.4	ng/ul	145685	2	10.37	1218760	20.0
(DEL) Alkane: Cyc...	11.07	3.7	ng/ul	226673	2	10.37	1218760	20.0
1H-Indene, 2,3-di...	11.28	2.7	ng/ul	163084	2	10.37	1218760	20.0
(DEL) Alkane: Str...	11.39	13.1	ng/ul	797302	2	10.37	1218760	20.0
Naphthalene, 1-me...	12.26	12.0	ng/ul	729327	2	10.37	1218760	20.0
(DEL) Alkane: Cyc...	12.51	2.2	ng/ul	262810	3	14.25	2355930	20.0
(DEL) Alkane: Str...	12.77	7.3	ng/ul	862725	3	14.25	2355930	20.0
Naphthalene, 1-et...	13.27	2.1	ng/ul	252177	3	14.25	2355930	20.0
Naphthalene, 2,3-...	13.42	8.2	ng/ul	960198	3	14.25	2355930	20.0
(DEL) Alkane: Str...	13.73	6.3	ng/ul	746009	3	14.25	2355930	20.0
Naphthalene, 2,7-...	13.80	3.5	ng/ul	415432	3	14.25	2355930	20.0
unknown-06	14.07	2.7	ng/ul	322152	3	14.25	2355930	20.0
(DEL) Alkane: Str...	14.78	3.3	ng/ul	382763	3	14.25	2355930	20.0
(DEL) Alkane: Str...	16.00	45.4	ng/ul	4634710	4	17.00	2043650	20.0
(DEL) Alkane: Str...	16.82	19.7	ng/ul	2016200	4	17.00	2043650	20.0
(DEL) Alkane: Str...	17.43	6.4	ng/ul	656648	4	17.00	2043650	20.0