LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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	4.681	283	288	294	rBV	994598	1498328	1.68%	0.197%
2	5.893	487	494	502	rBV5	1017768	2574535	2.88%	0.339%
3	6.104	523	530	537	rBV4	1214622	2400812	2.69%	0.316%
4	6.175	537	542	546	rBV	1561441	2130686	2.38%	0.281%
5	6.604	605	615	620	rBV2	1351576	2258219	2.53%	0.298%
6	6.793	642	647	651	rVV2	706291	1496080	1.67%	0.197%
7	6.945	665	673	677	rBV3	742838	1455378	1.63%	0.192%
8	7.145	701	707	715	rVB6	1000199	2418018	2.70%	0.319%
9	7.587	777	782	791	rVB2	1411243	3260837	3.65%	0.430%
10	7.787	812	816	819	rVV2	942921	1416570	1.58%	0.187%
11	7.828	819	823	829	rVV	2692432	4963968	5.55%	0.654%
12	7.881	829	832	840	rVB3	933021	1712044	1.92%	0.226%
13	8.087	862	867	871	rVV2	818596	1743990	1.95%	0.230%
14	8.134	871	875	889	rVB	2405113	4963871	5.55%	0.654%
15	8.269	889	898	903	rBV	1980756	3760722	4.21%	0.496%
16	8.322	903	907	914	rVB2	873422	1699877	1.90%	0.224%
17	8.475	927	933	936	rBV	1307720	2146439	2.40%	0.283%
18	8.704	967	972	978	rVV	2169387	3558827	3.98%	0.469%
19	8.787	978	986	991	rVV6	1113986	3187649	3.57%	0.420%
20	8.828	991	993	1002	rVB3	658097	1421425	1.59%	0.187%
21	8.910	1002	1007	1009	rBV3	761511	1226957	1.37%	0.162%
22	8.951	1010	1014	1020	rVB5	806854	1647100	1.84%	0.217%
23	9.222	1055	1060	1064	rBV	1187873	1977810	2.21%	0.261%
24	9.304	1069	1074	1079	rVV4	612426	1297982	1.45%	0.171%
25	9.475	1095	1103	1107	rBV3	1516374	3433069	3.84%	0.452%
26	9.569	1113	1119	1127	rBV5	1000637	2356282	2.64%	0.311%
27	9.792	1149	1157	1162	rBV3	2419879	4219286	4.72%	0.556%
28	9.869	1166	1170	1181	rVB3	961278	1845385	2.06%	0.243%
29	9.969	1181	1187	1192	rBV5	917615	2009499	2.25%	0.265%
30	10.016	1192	1195	1202	rVV	781035	1275631	1.43%	0.168%
31	10.092	1203	1208	1216	rVB2	963860	1926974	2.16%	0.254%
32	10.381	1253	1257	1262	rVV3	1183865	2286068	2.56%	0.301%
33	10.428	1262	1265	1273	rVB2	939778	1881608	2.10%	0.248%
34	10.504	1273	1278	1281	rBV3	952712	1584217	1.77%	0.209%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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	10.604	1291	1295	1304	rVB	847325	1475005	1.65%	0.194%
36	11.080	1373	1376	1383	rVB3	1536605	2562018	2.87%	0.338%
37	11.292	1407	1412	1420	rVB4	847229	2010086	2.25%	0.265%
38	11.416	1427	1433	1437	rBV	6344383	9686984	10.84%	1.277%
39	11.722	1480	1485	1489	rBV	812136	1221897	1.37%	0.161%
40	12.063	1537	1543	1549	rVB	7010522	11041611	12.35%	1.455%
41	12.280	1573	1580	1589	rBV	4825417	8688490	9.72%	1.145%
42	12.522	1617	1621	1629	rVB2	1737583	3310949	3.70%	0.436%
43	12.675	1641	1647	1654	rVB6	820837	1995080	2.23%	0.263%
44	12.745	1654	1659	1662	rBV6	675022	1252604	1.40%	0.165%
45	12.792	1662	1667	1672	rVV	7297017	10447235	11.69%	1.377%
46	12.839	1672	1675	1683	rVB5	999829	1779878	1.99%	0.235%
47	13.286	1747	1751	1754	rBV	1895429	2567545	2.87%	0.338%
48	13.422	1768	1774	1776	rBV	4115100	7021769	7.86%	0.925%
49	13.586	1796	1802	1807	rBV	6565142	11678428	13.06%	1.539%
50	13.639	1807	1811	1814	rVV	4901965	6515411	7.29%	0.859%
51	13.674	1814	1817	1822	rVV2	3761419	5101255	5.71%	0.672%
52	13.751	1824	1830	1835	rVV3	6179513	9353983	10.46%	1.233%
53	13.821	1835	1842	1845	rVV2	3148882	5776987	6.46%	0.761%
54	13.851	1845	1847	1852	rVB3	1053221	1408896	1.58%	0.186%
55	13.957	1861	1865	1868	rBV2	1845821	2839947	3.18%	0.374%
56	13.986	1868	1870	1876	rVB2	1948349	2607488	2.92%	0.344%
57	14.086	1883	1887	1896	rVB2	2355115	4026245	4.50%	0.531%
58	14.157	1896	1899	1906	rBV6	558927	1316070	1.47%	0.173%
59	14.245	1906	1914	1923	rBV4	3969228	10826021	12.11%	1.427%
60	14.339	1923	1930	1937	rBV	14688872	25138599	28.12%	3.313%
61	14.480	1949	1954	1963	rVB	2928743	8639767	9.67%	1.139%
62	14.580	1964	1971	1977	rBV6	1271792	4250817	4.76%	0.560%
63	14.674	1981	1987	1992	rVV2	7607397	13301073	14.88%	1.753%
64	14.751	1995	2000	2004	rVB	4046658	5640318	6.31%	0.743%
65	14.798	2004	2008	2013	rBV3	3254935	4719191	5.28%	0.622%
66	14.892	2019	2024	2028	rBV	3039219	5292467	5.92%	0.697%
67	14.945	2029	2033	2037	rVB	3258654	4310287	4.82%	0.568%
68	15.057	2046	2052	2056	rBV3	3412809	7247577	8.11%	0.955%
69	15.092	2056	2058	2064	rVB2	1648991	2435329	2.72%	0.321%
70	15.263	2083	2087	2091	rVB2	2267965	3952210	4.42%	0.521%
71	15.327	2092	2098	2102	rBV	15211568	24013528	26.86%	3.165%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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	15.486	2121	2125	2129	rVV3	1911091	2763961	3.09%	0.364%
73	15.539	2129	2134	2142	rVV3	6693744	11751027	13.15%	1.549%
74	15.615	2144	2147	2156	rVB2	3996964	7373686	8.25%	0.972%
75	15.745	2164	2169	2170	rBV3	1706361	2698940	3.02%	0.356%
76	15.833	2181	2184	2195	rVB5	1871621	4121594	4.61%	0.543%
77	15.921	2196	2199	2202	rBV4	929966	1480883	1.66%	0.195%
78	16.033	2208	2218	2222	rBV	38764569	59693870	66.78%	7.867%
79	16.380	2274	2277	2279	rBV2	1267256	1526910	1.71%	0.201%
80	16.851	2351	2357	2367	rVB2	15603234	25169540	28.16%	3.317%
81	17.033	2384	2388	2389	rBV2	2637369	3327180	3.72%	0.438%
82	17.092	2389	2398	2402	rVV2	48773409	89390953	100.00%	11.780%
83	17.127	2402	2404	2406	rVV	2389558	2760856	3.09%	0.364%
84	17.162	2407	2410	2415	rVB	8921623	11636788	13.02%	1.534%
85	17.451	2455	2459	2464	rVB	5426775	7811965	8.74%	1.030%
86	17.904	2532	2536	2539	rBV	3549529	4869877	5.45%	0.642%
87	17.951	2540	2544	2551	rVB	6068456	9592824	10.73%	1.264%
88	18.098	2564	2569	2573	rBV3	7012603	11310885	12.65%	1.491%
89	18.404	2618	2621	2626	rBV	2907443	3916178	4.38%	0.516%
90	18.698	2667	2671	2677	rBV2	2227466	4044595	4.52%	0.533%
91	19.027	2725	2727	2732	rVB2	1978591	2478498	2.77%	0.327%
92	19.115	2734	2742	2745	rVV2	41669739	71026402	79.46%	9.360%
93	19.151	2745	2748	2752	rVB3	2258439	3065934	3.43%	0.404%
94	19.474	2792	2803	2809	rBV3	30630194	62899214	70.36%	8.289%
95	19.621	2825	2828	2837	rVB2	2416812	5350715	5.99%	0.705%
96	19.956	2883	2885	2889	rVB	3126451	3245770	3.63%	0.428%
97	20.056	2898	2902	2906	rVB	4862813	6358365	7.11%	0.838%
98	20.909	3044	3047	3050	rBV2	2521707	3127637	3.50%	0.412%
99	21.215	3095	3099	3104	rBV3	6394700	11252161	12.59%	1.483%
100	21.262	3104	3107	3116	rVB	7210670	10268867	11.49%	1.353%

Sum of corrected areas: 758805263

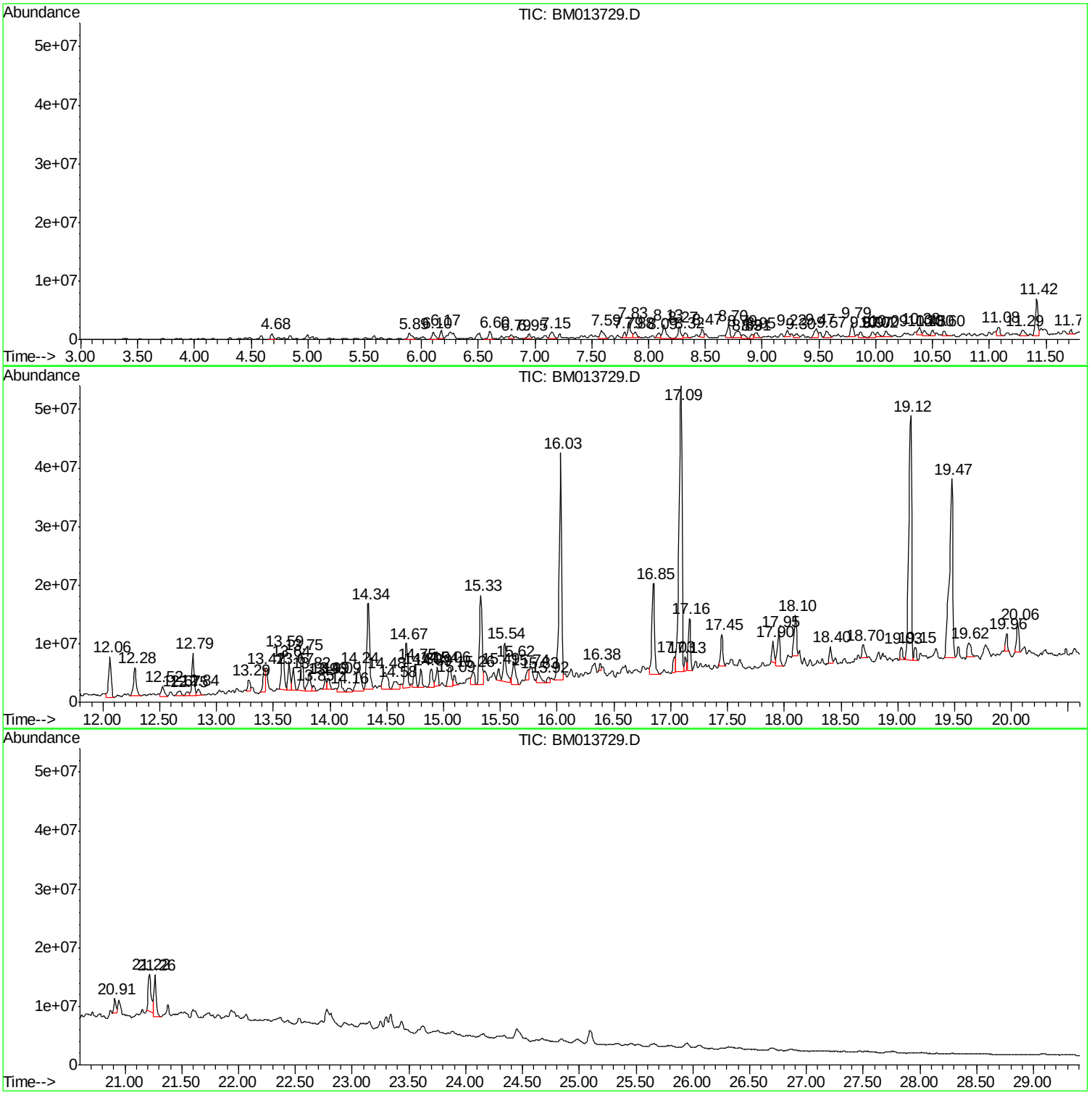
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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

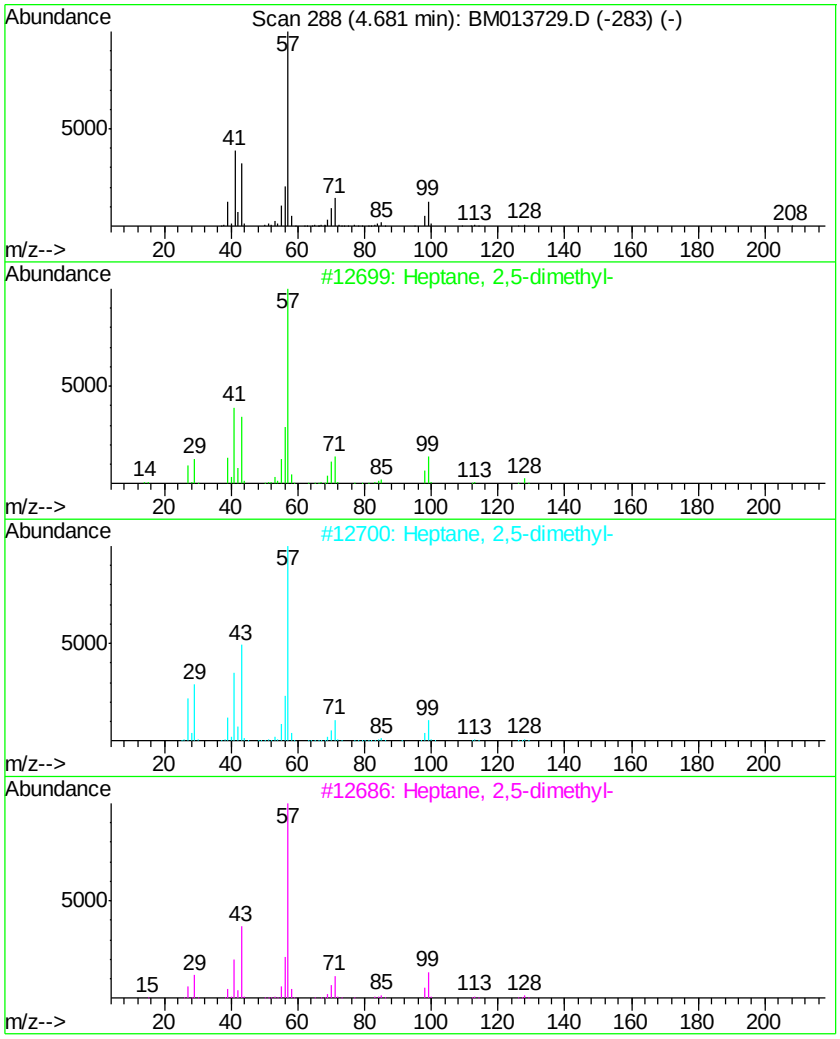
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

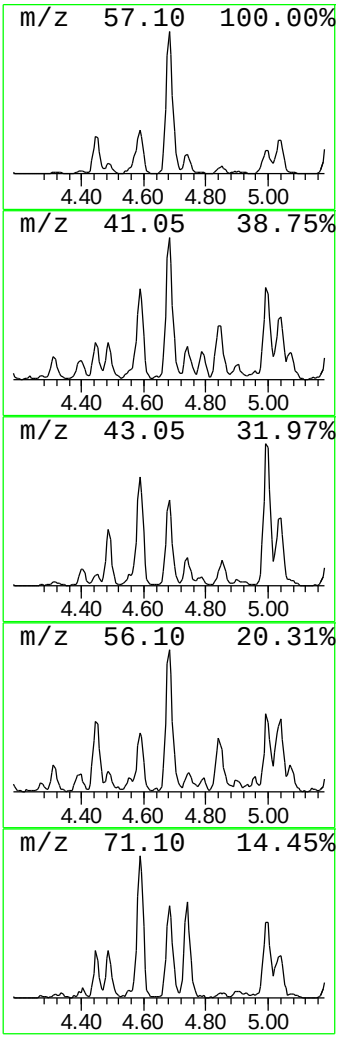
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	9.19 ng/ul	1498330	1,4-Dichlorobenzene-d4	7.61

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	91
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	90
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	87





Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

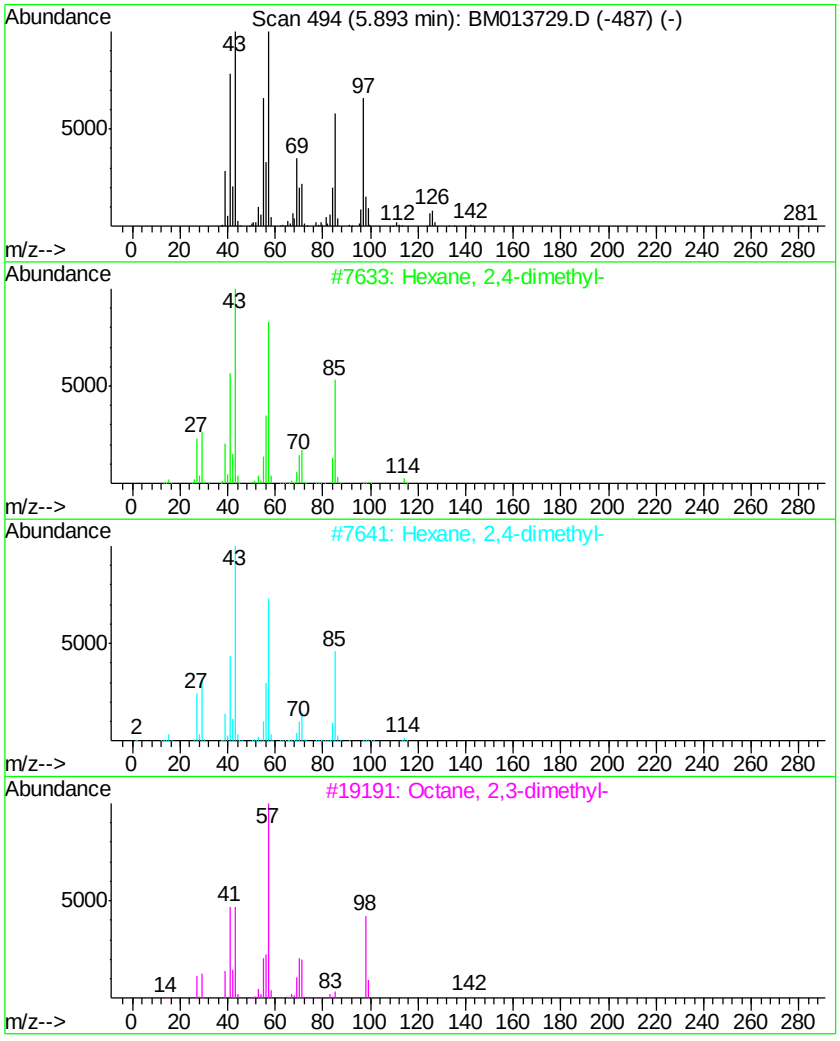
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

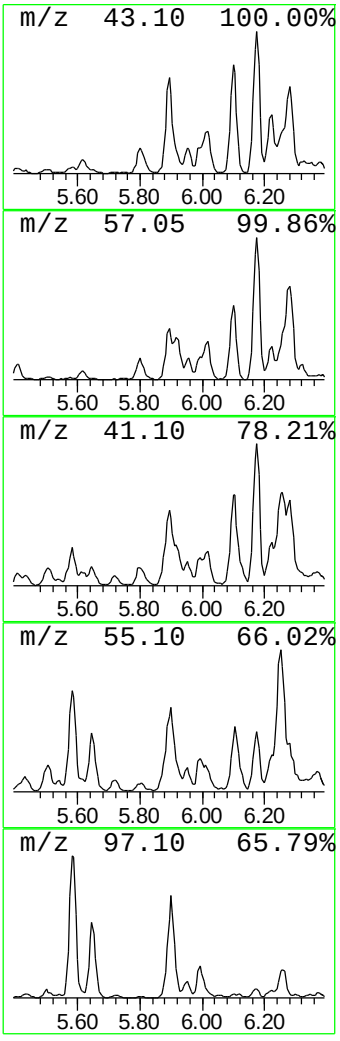
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	15.79 ng/ul	2574540	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43
4	1-Octene, 6-methyl-	126	C9H18	013151-10-5	38
5	2-Propyl-1-Pentanol, trifluoroac...	226	C10H17F3O2	1000365-19-7	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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

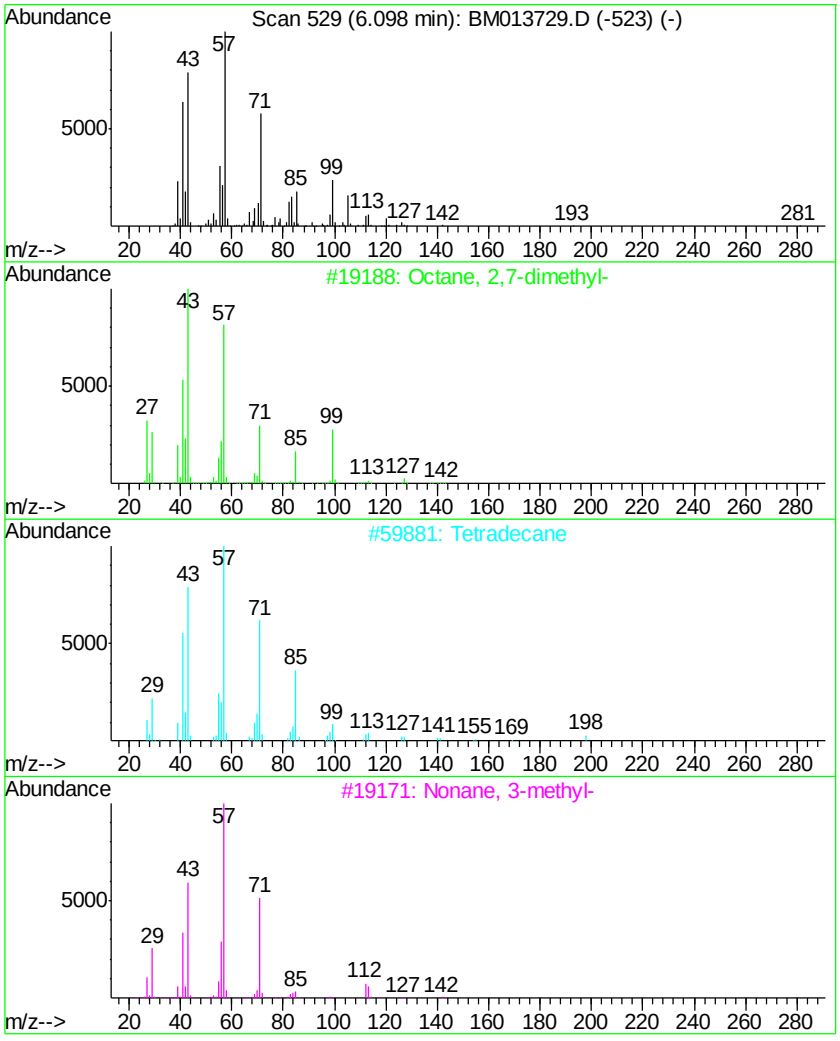
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

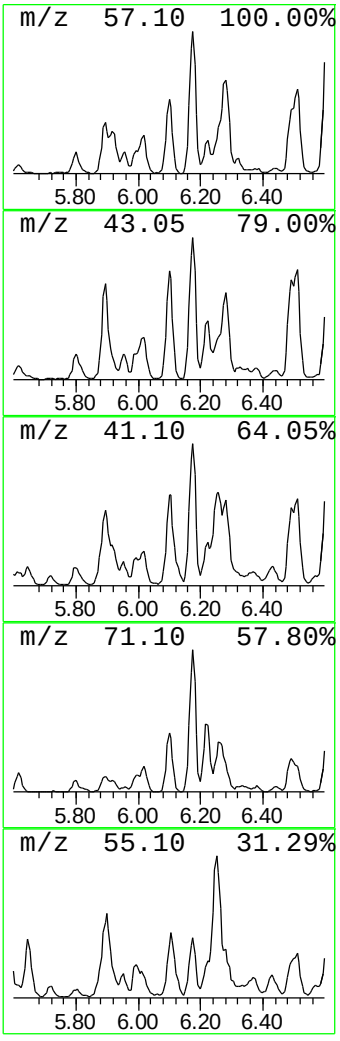
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	14.73 ng/ul	2400810	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	46
2	Tetradecane	198	C14H30	000629-59-4	38
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	38
4	Oxalic acid, allyl octyl ester	242	C13H22O4	1000309-23-6	38
5	2-Bromononane	206	C9H19Br	002216-35-5	38





Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

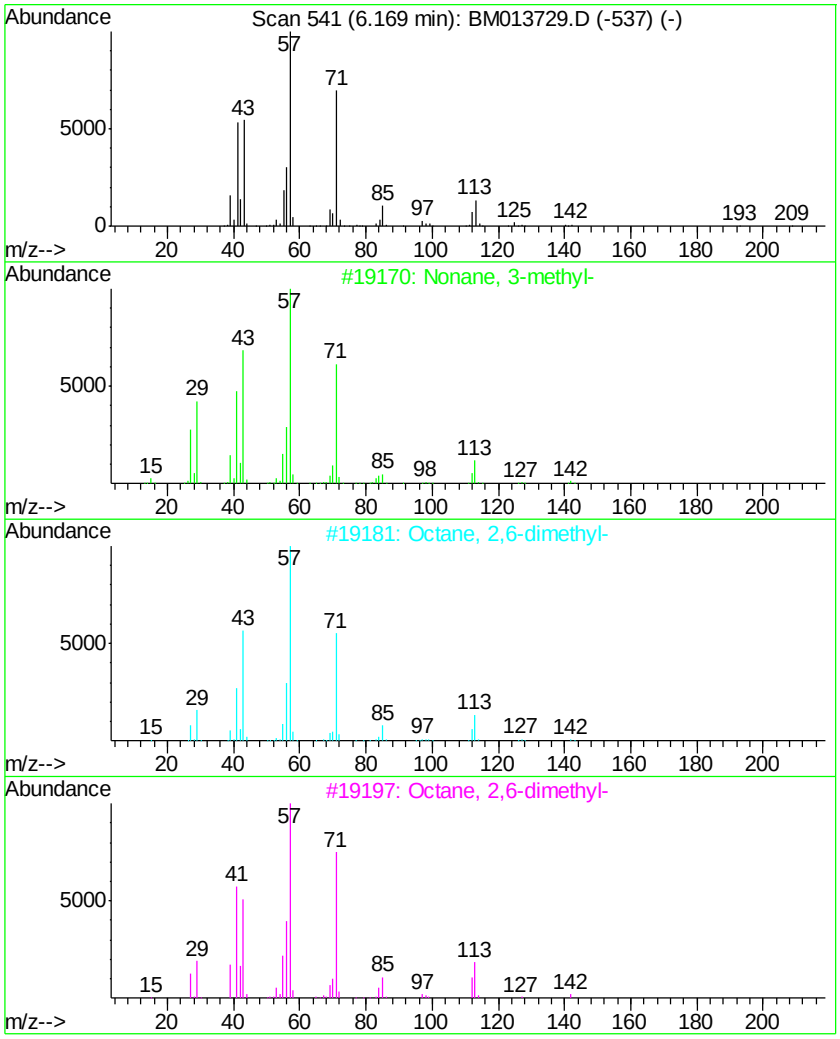
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

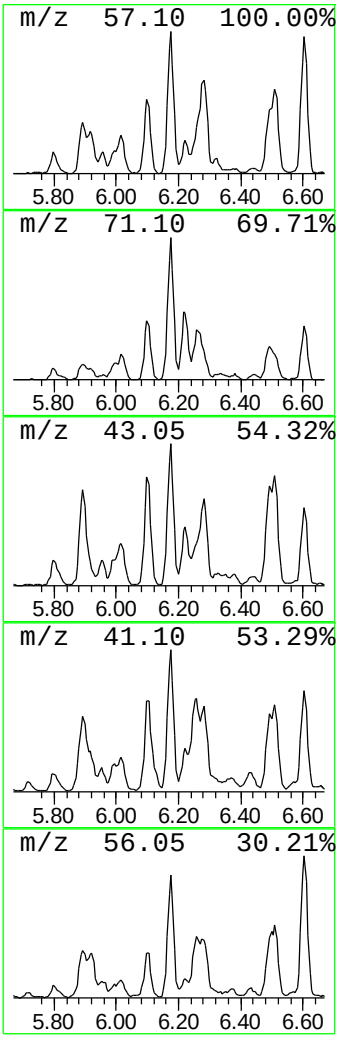
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	13.07 ng/ul	2130690	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	87





Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

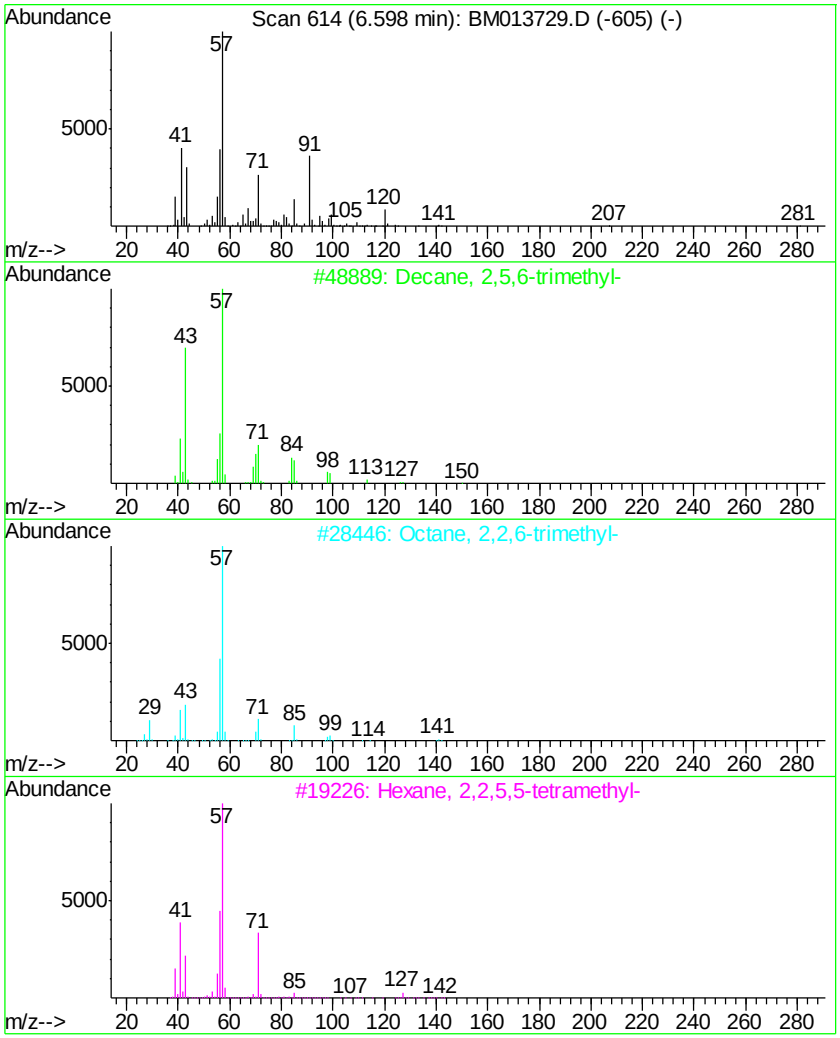
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

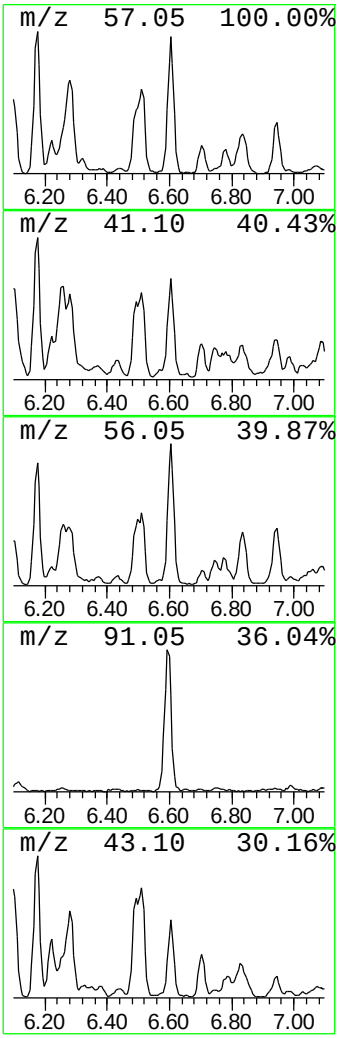
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	13.85 ng/ul	2258220	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	53
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
4	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	50
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47





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Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

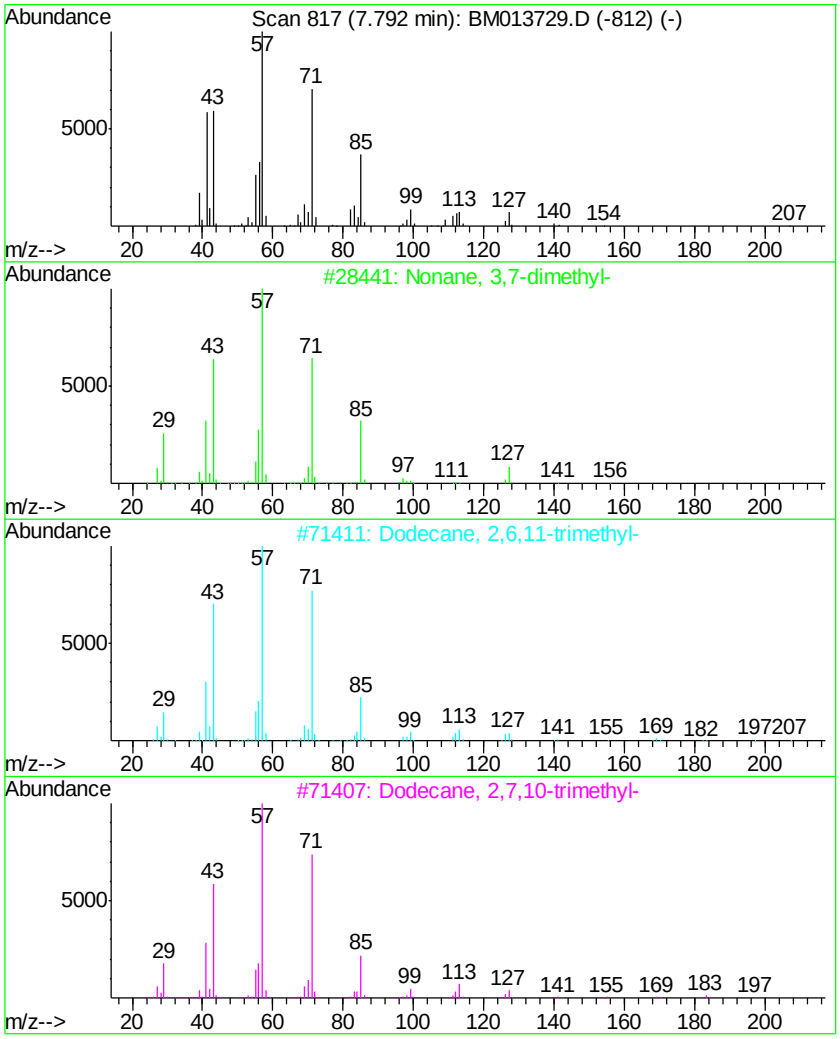
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

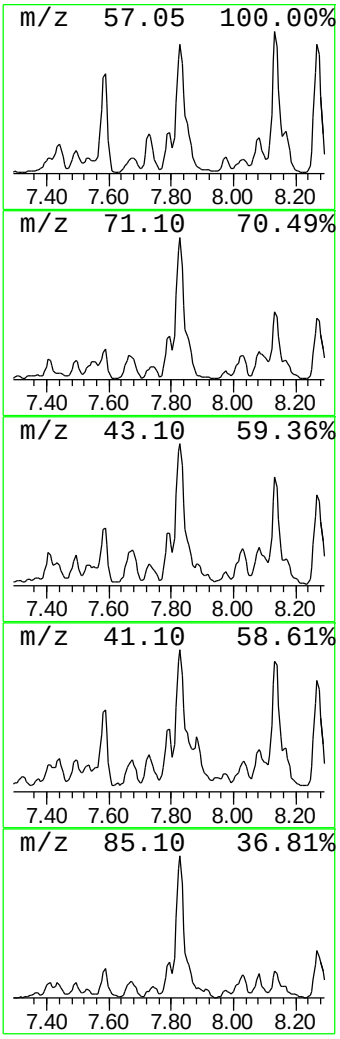
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	8.69 ng/ul	1416570	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
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	Hexadecane	226	C16H34	000544-76-3	72
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	64





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Acq On : 23 Jan 2018 12:46
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Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

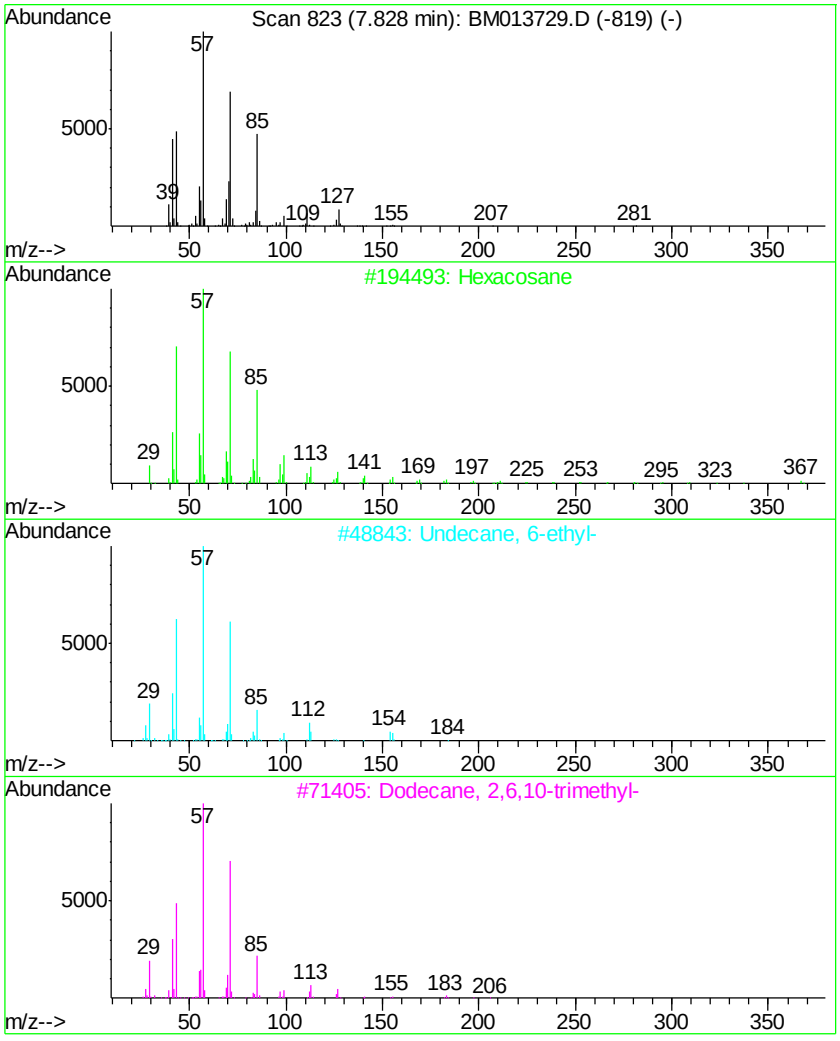
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

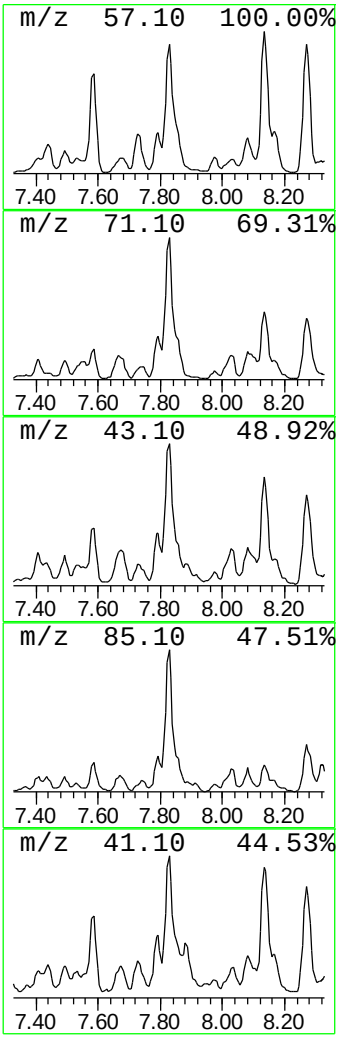
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	30.45 ng/ul	4963970	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	78
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	53
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50





Library Search Compound Report

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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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Quant Title : SVOA CALIBRATION

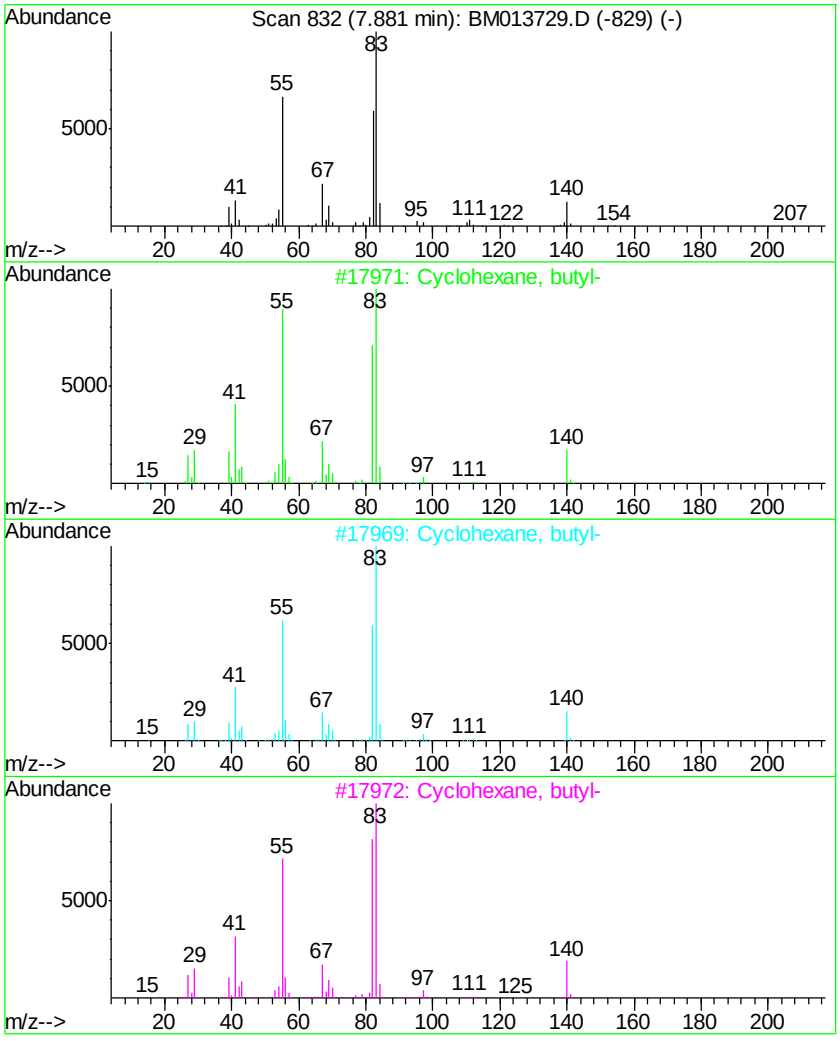
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

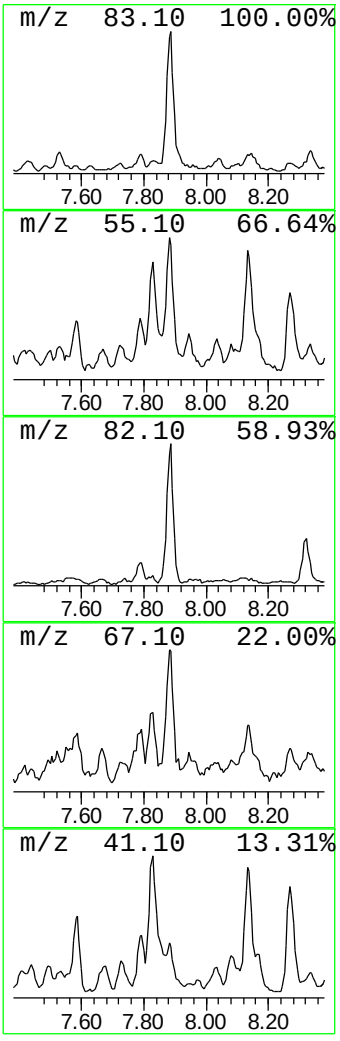
****

Peak Number 8 (DEL) Alkane: Cyclic7.88 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	10.50 ng/ul	1712040	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	86
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	86
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	78





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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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Quant Title : SVOA CALIBRATION

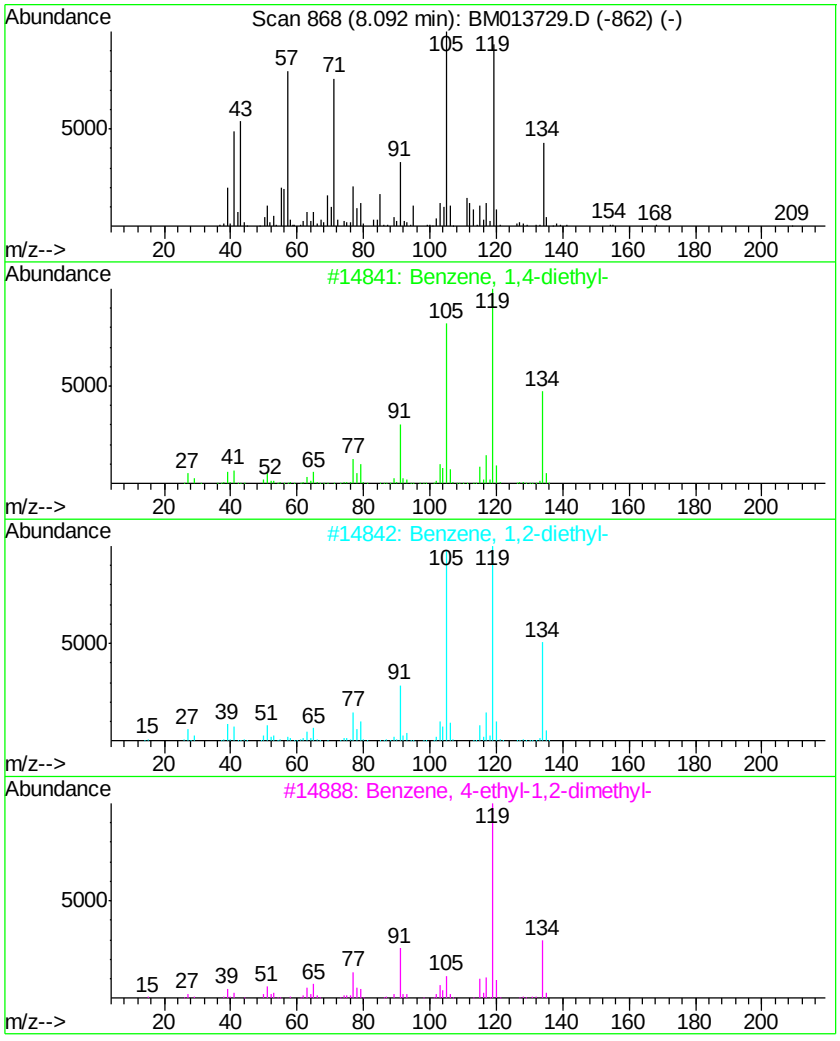
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

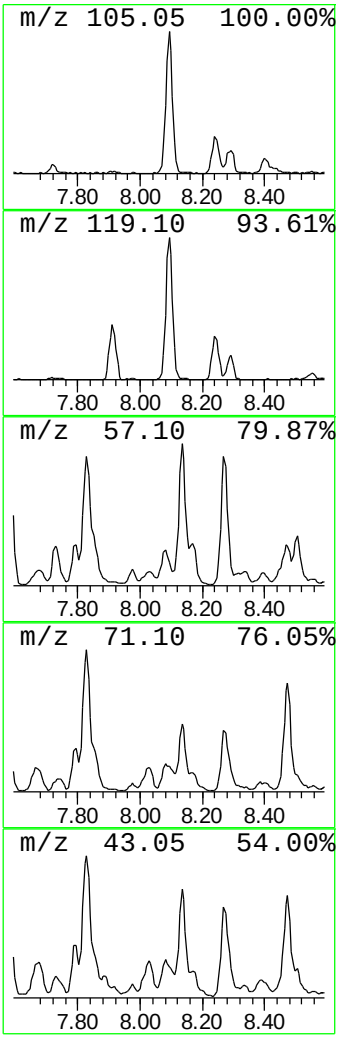
****

Peak Number 9 Benzene, 1,4-diethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	10.70 ng/ul	1743990	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	86
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	80
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	74
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70





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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

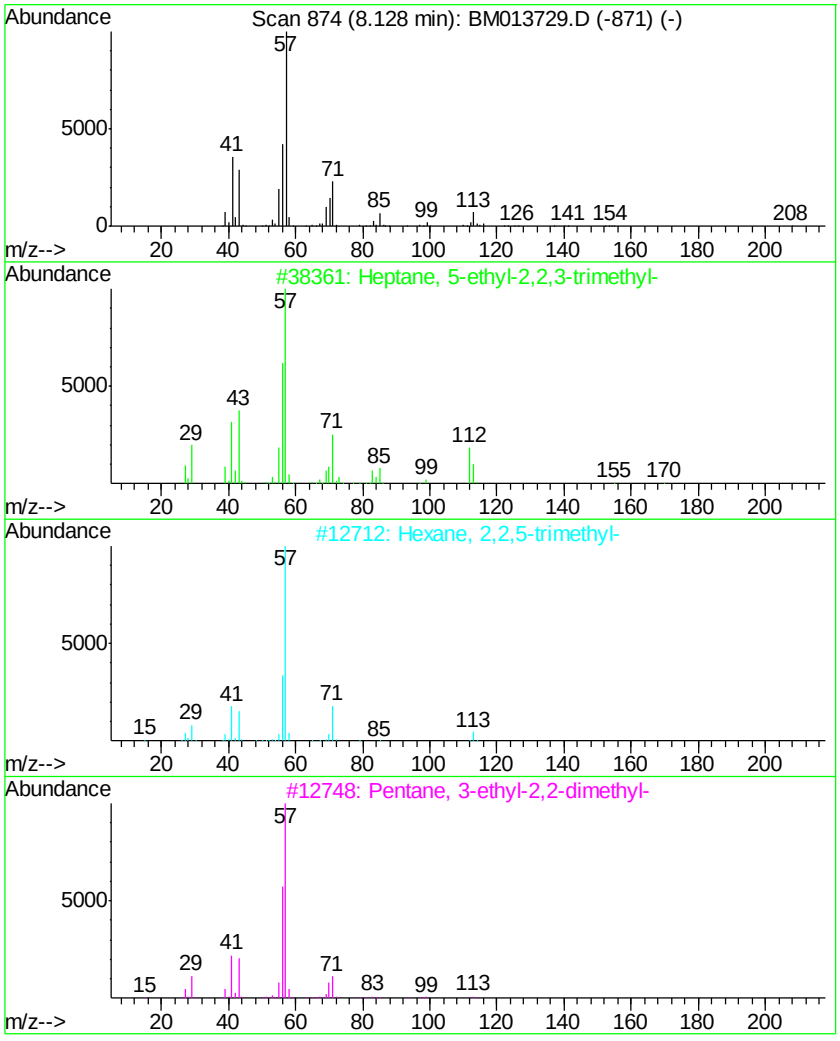
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

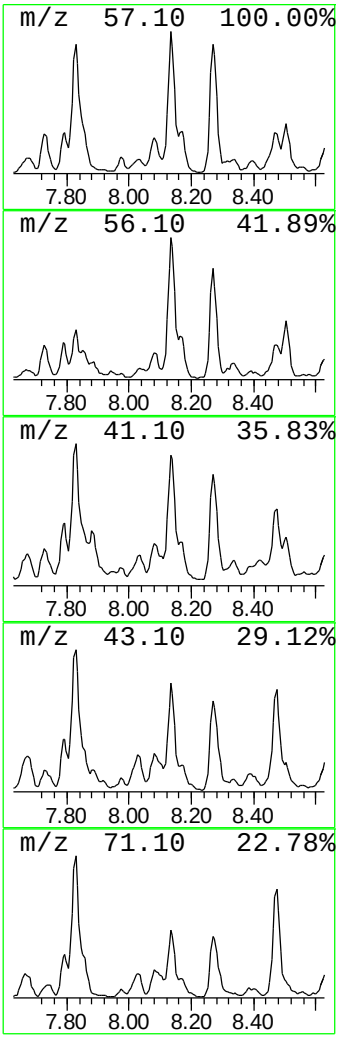
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	30.45 ng/ul	4963870	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	64
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
4	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50





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Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

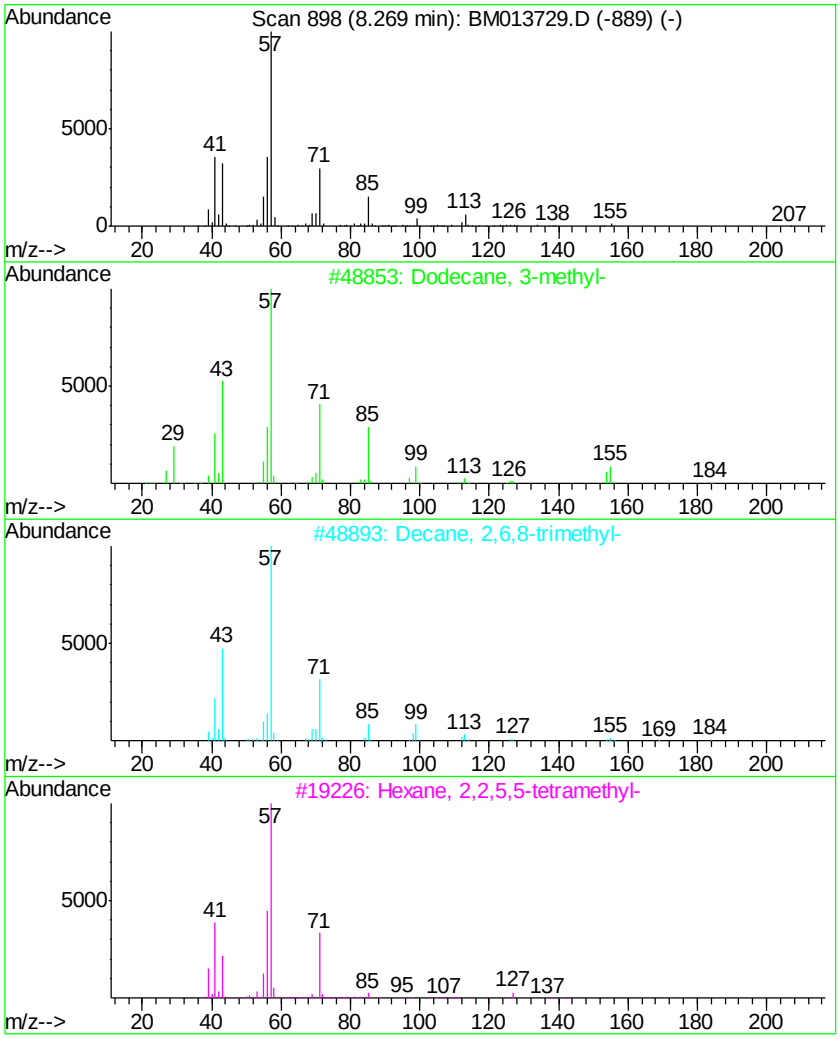
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

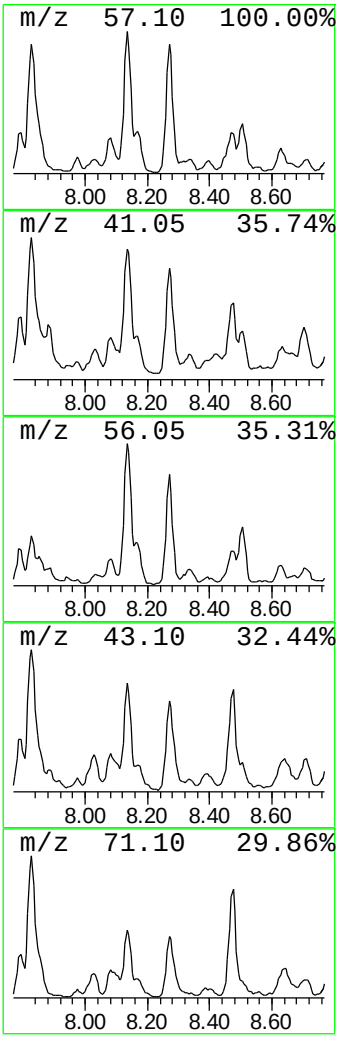
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	23.07 ng/ul	3760720	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	59
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	47





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Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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Quant Title : SVOA CALIBRATION

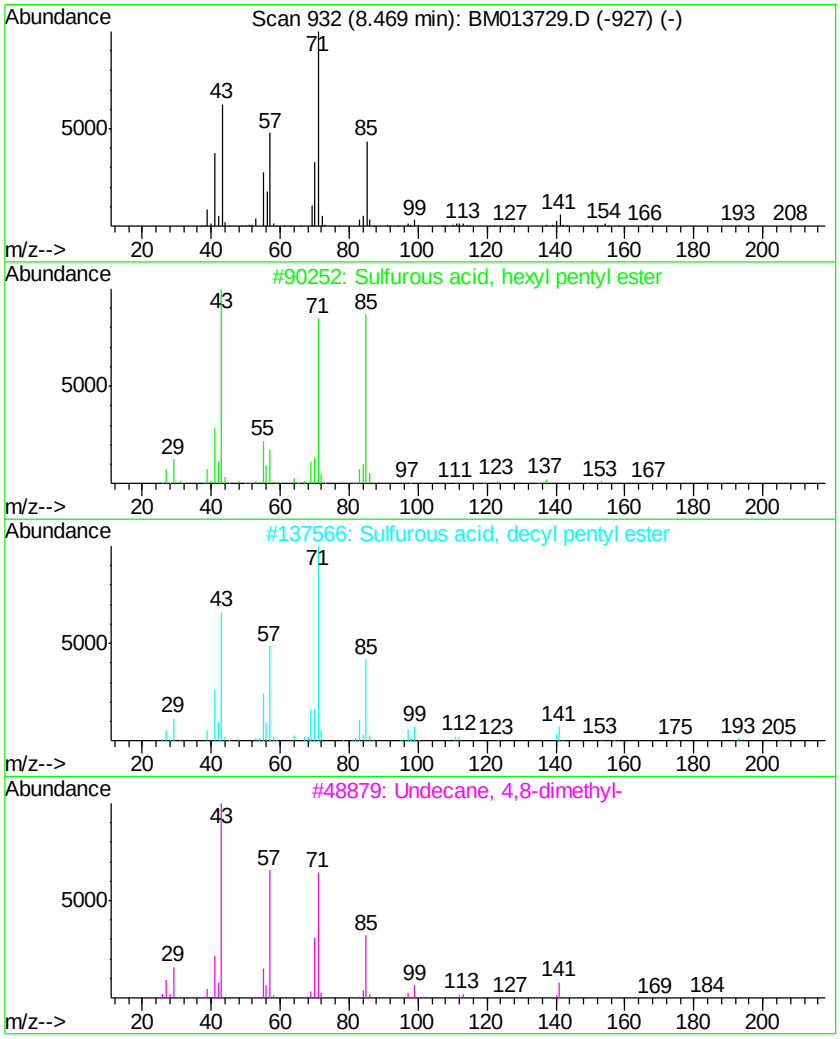
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

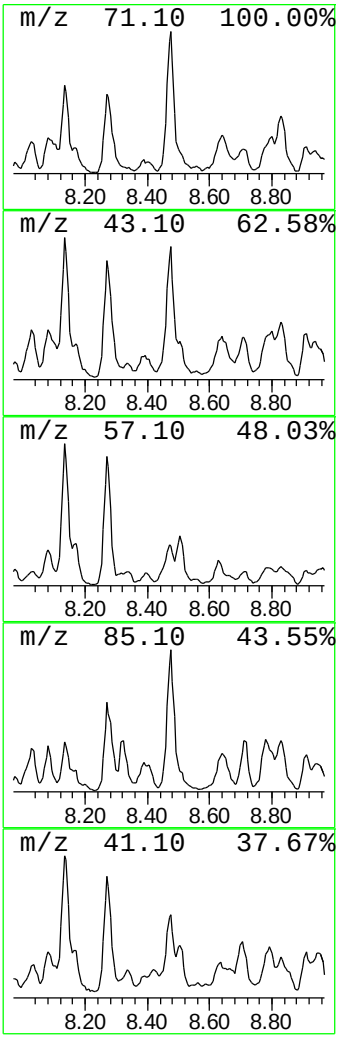
****

Peak Number 12 Sulfurous acid, hexyl penty... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	13.17 ng/ul	2146440	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	80
2	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	78
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64
4	Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	64
5	Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	59





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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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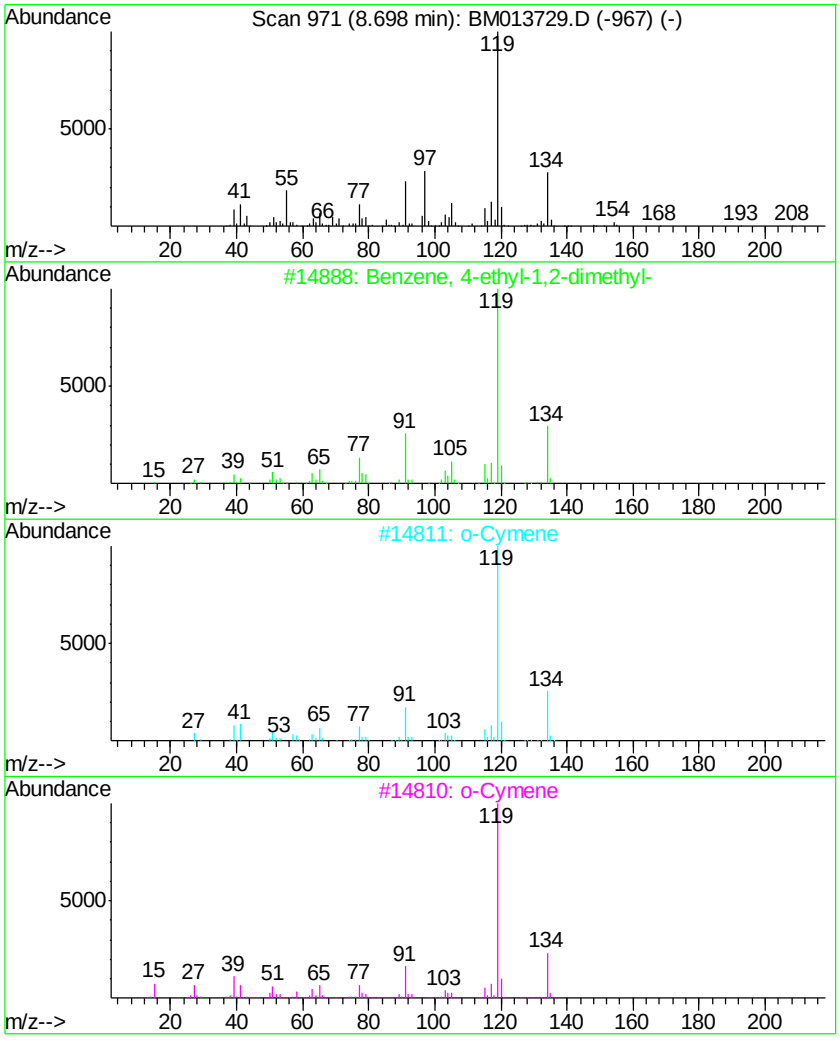
Quant Title : SVOA CALIBRATION

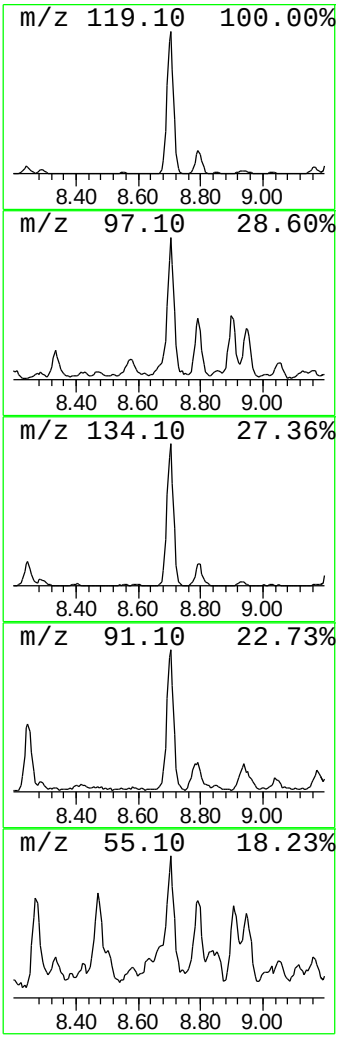
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	21.83 ng/ul	3558830	1,4-Dichlorobenzene-d4	7.61

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	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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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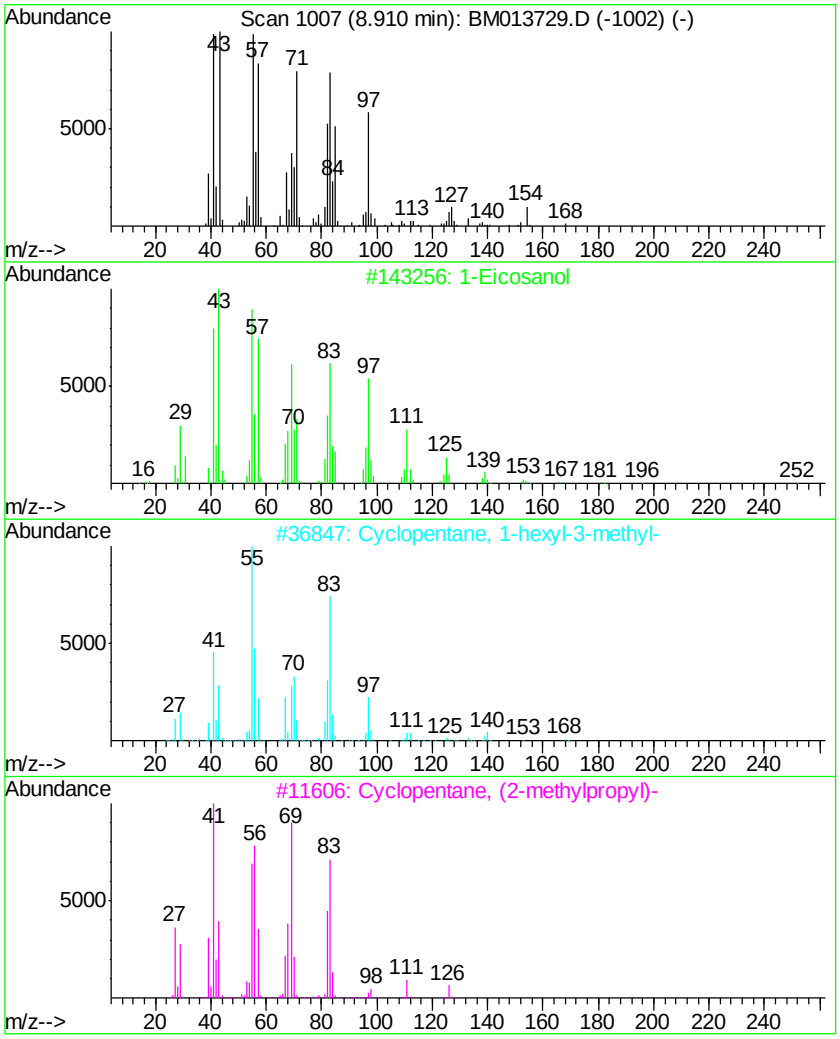
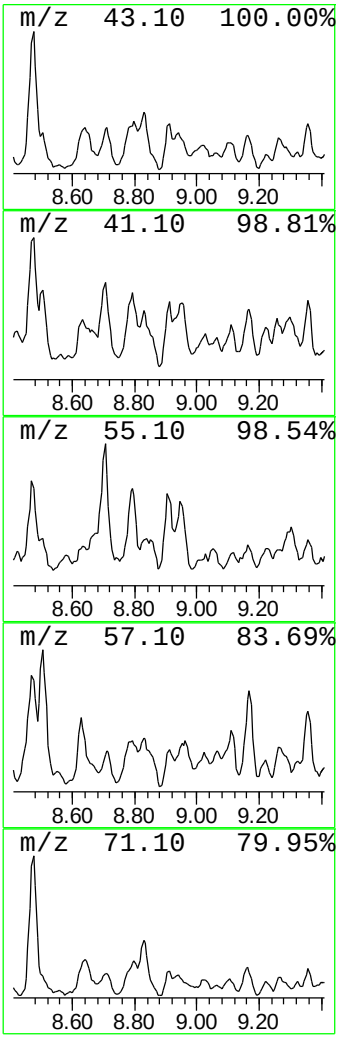
Peak Number 14 1-Eicosanol Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	7.53 ng/ul	1226960	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosanol	298	C20H42O	000629-96-9	52
2	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	38
3	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	30
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	30
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	27





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ALS Vial : 45 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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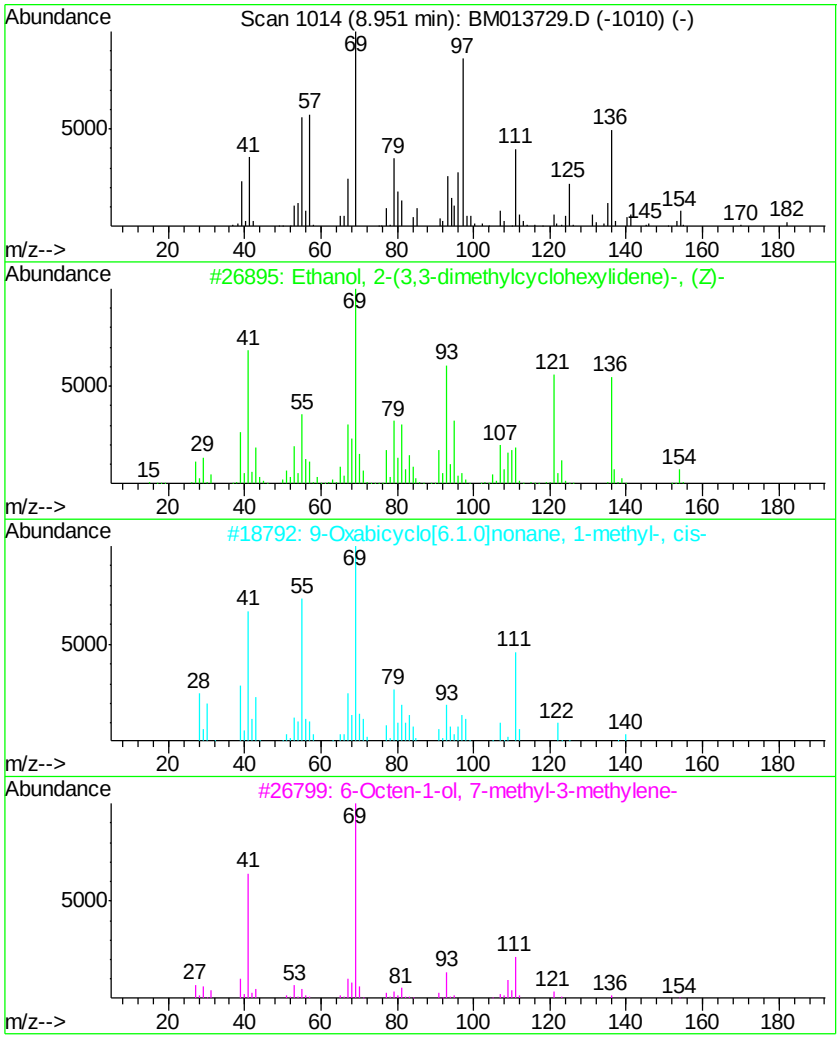
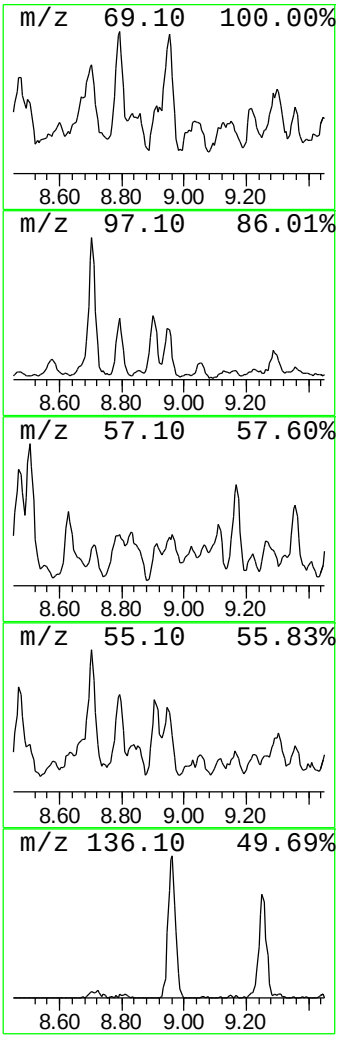
Peak Number 15 unknown-01 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	10.10 ng/ul	1647100	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(3,3-dimethylcyclohex...	154	C10H18O	026532-23-0	27
2	9-Oxabicyclo[6.1.0]nonane, 1-met...	140	C9H16O	052954-47-9	27
3	6-Octen-1-ol, 7-methyl-3-methylene-	154	C10H18O	013066-51-8	27
4	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	27
5	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	27





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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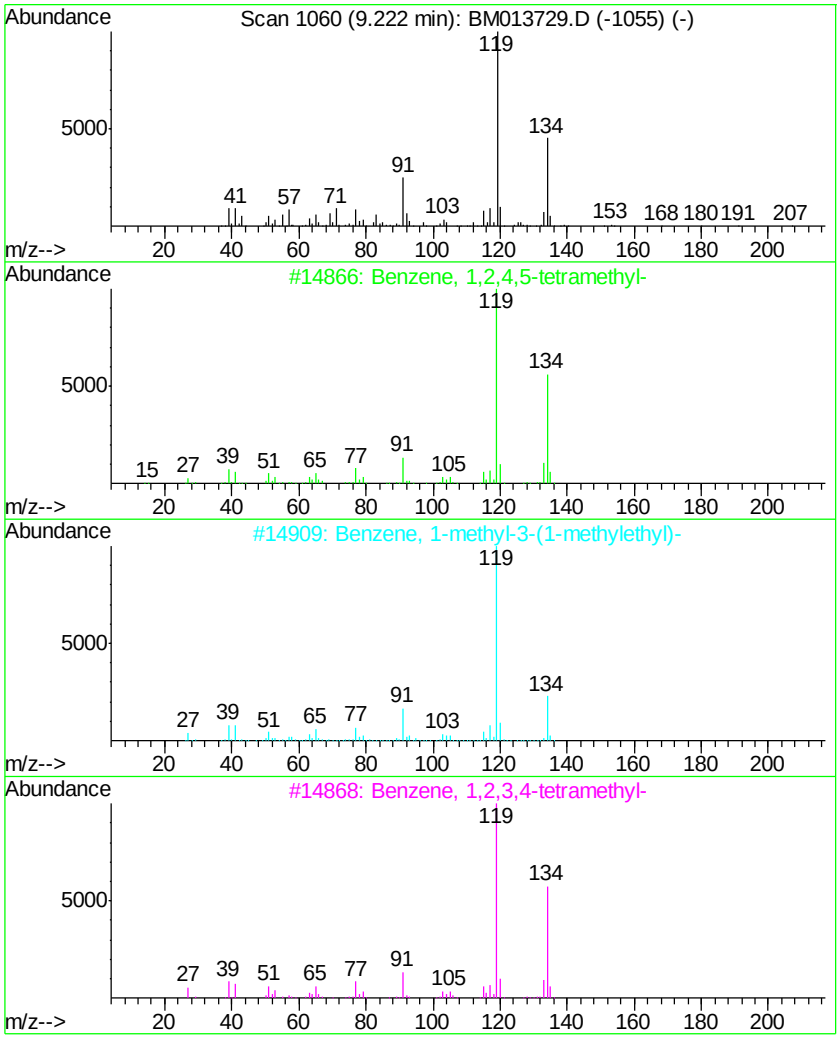
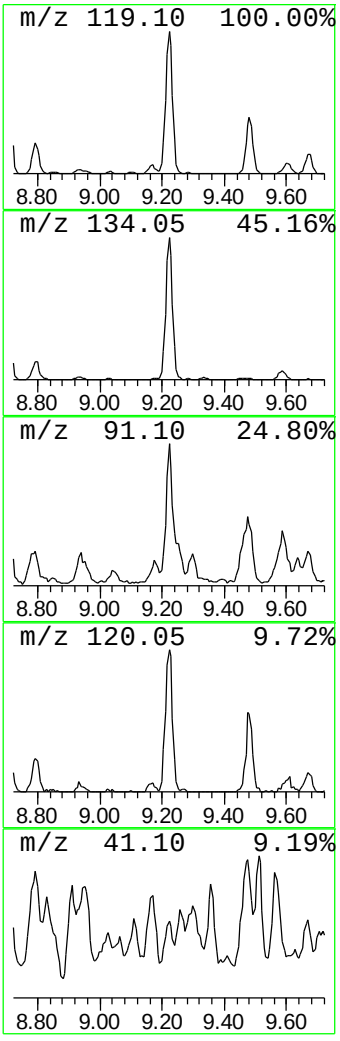
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	17.30 ng/ul	1977810	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90





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Acq On : 23 Jan 2018 12:46
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ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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Quant Title : SVOA CALIBRATION

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

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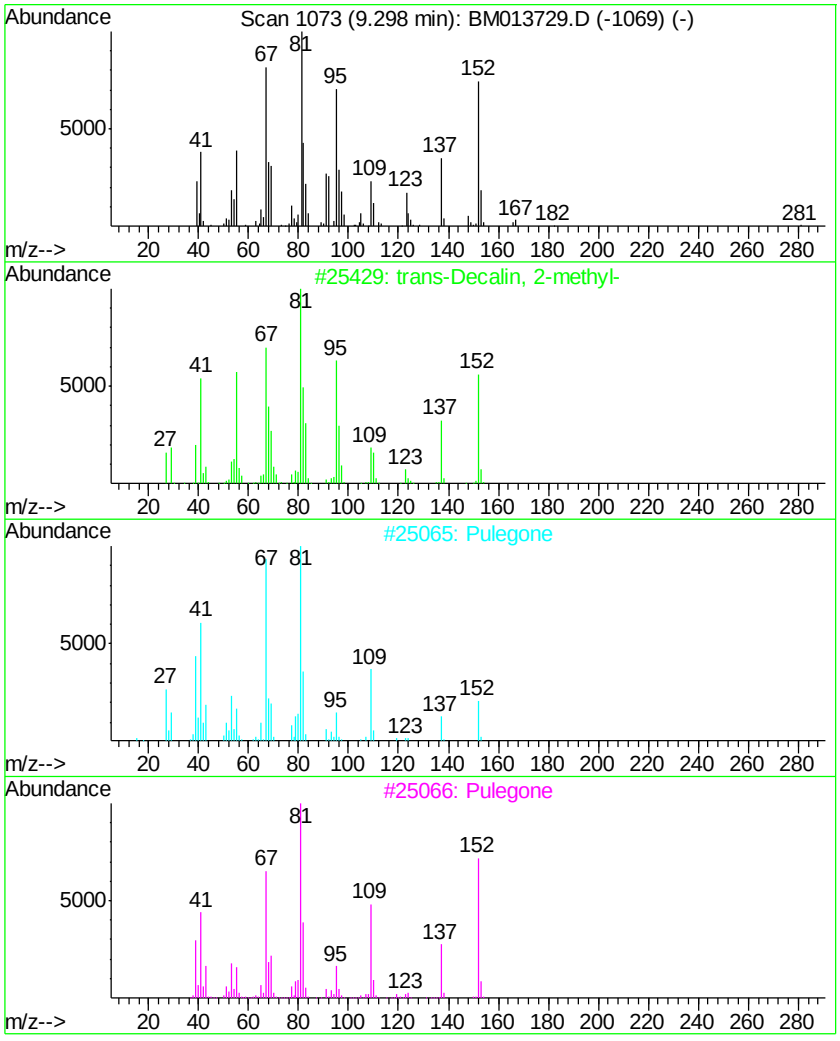
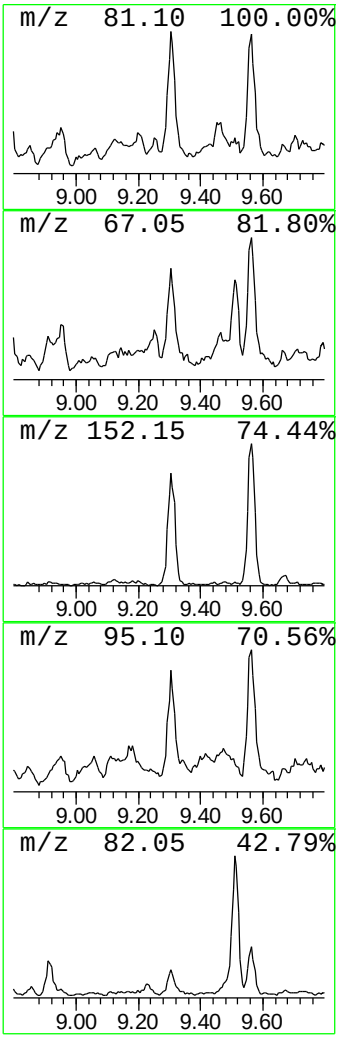
Peak Number 17 trans-Decalin, 2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	11.36 ng/ul	1297980	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	80
2	Pulegone	152	C10H16O	000089-82-7	70
3	Pulegone	152	C10H16O	000089-82-7	68
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
5	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	64





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Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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Quant Title : SVOA CALIBRATION

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

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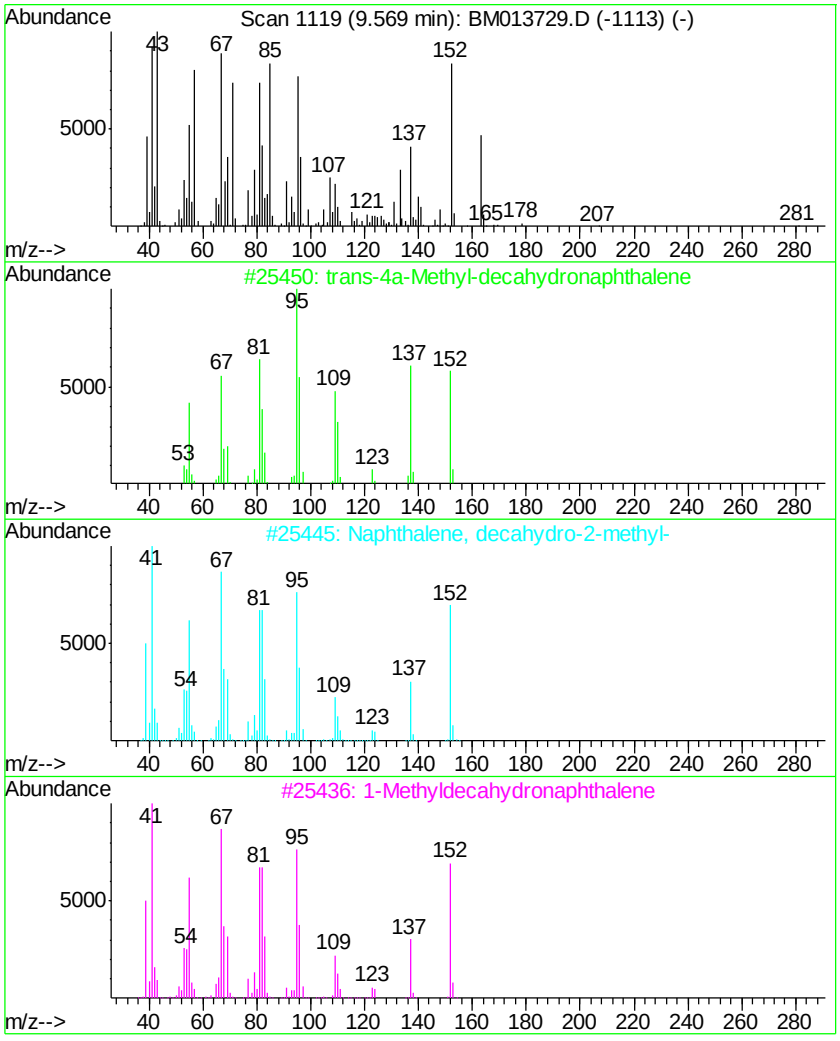
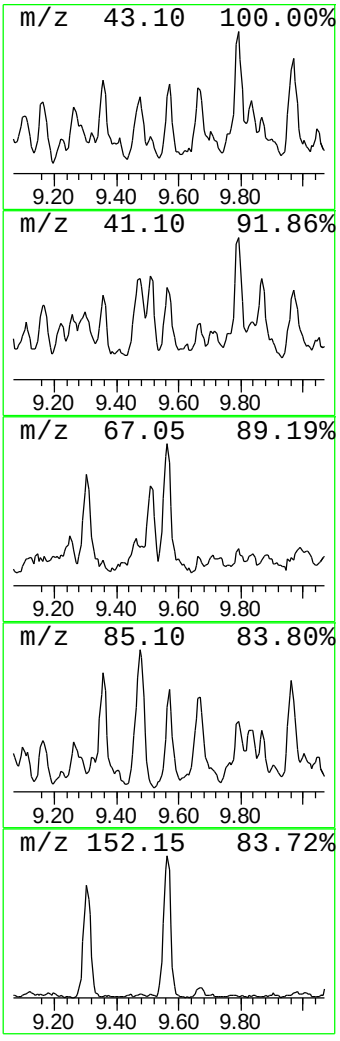
Peak Number 18 trans-4a-Methyl-decahydrona... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	20.61 ng/ul	2356280	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	50
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	45
3	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	45
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	43
5	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	42





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Quant Title : SVOA CALIBRATION

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

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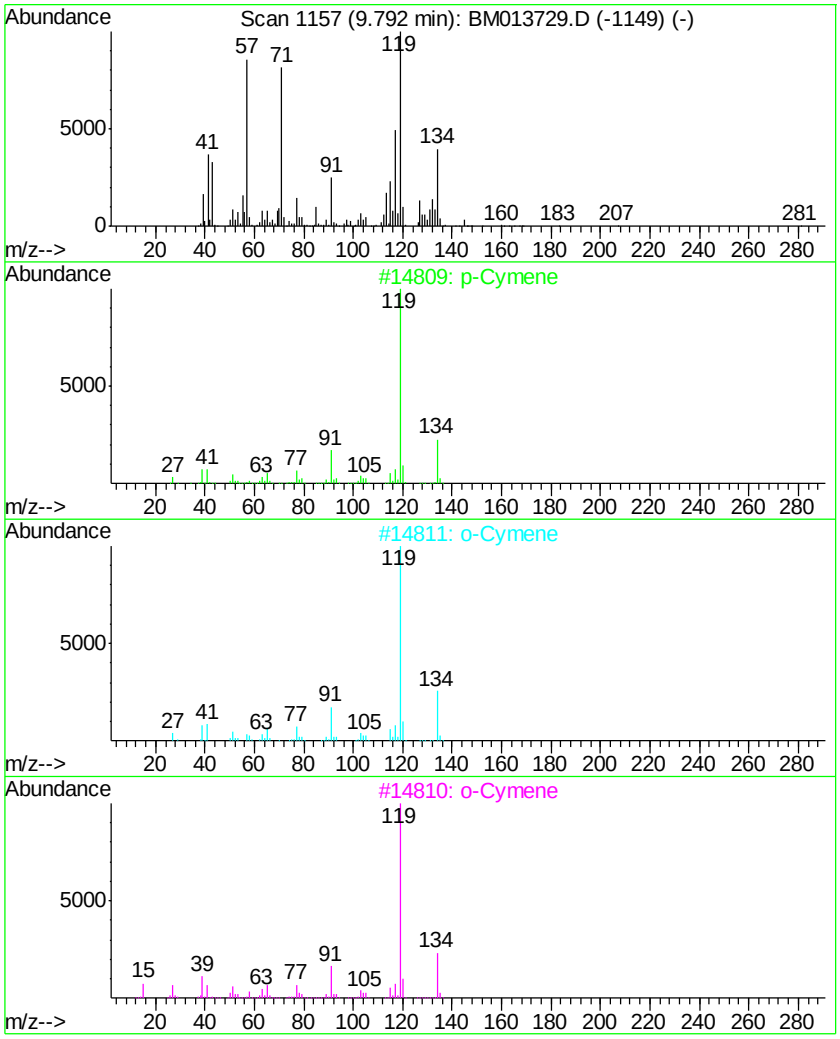
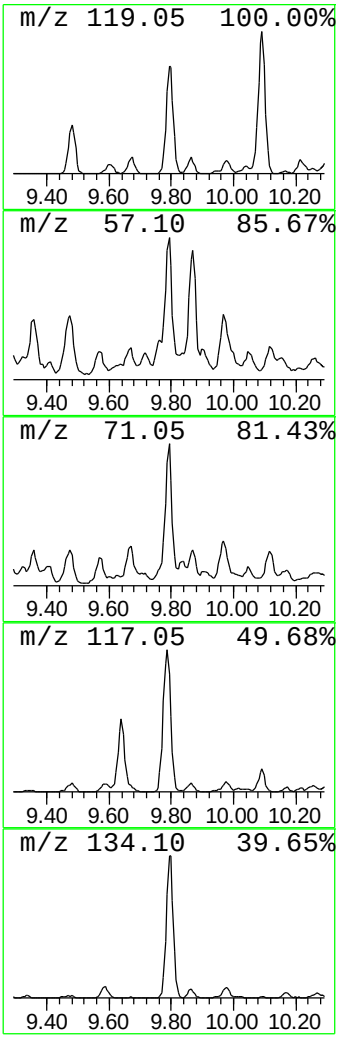
Peak Number 19 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	36.91 ng/ul	4219290	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	46
2	o-Cymene	134	C10H14	000527-84-4	46
3	o-Cymene	134	C10H14	000527-84-4	46
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	46
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46





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Quant Title : SVOA CALIBRATION

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

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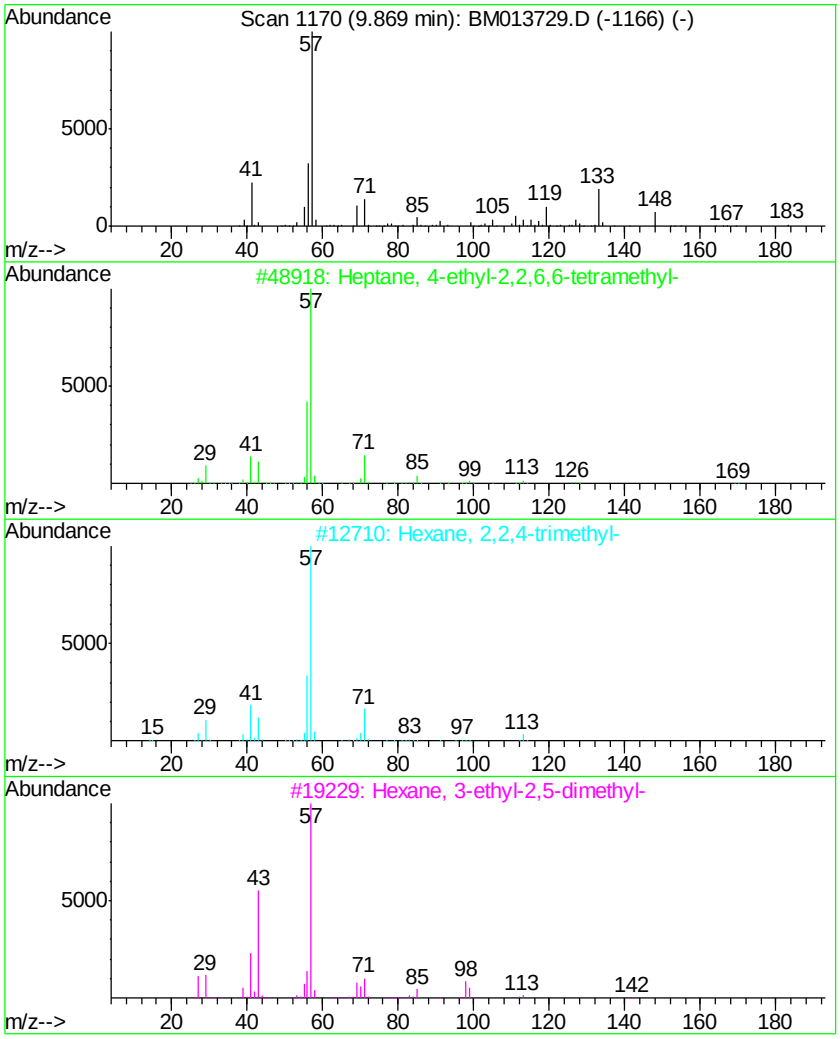
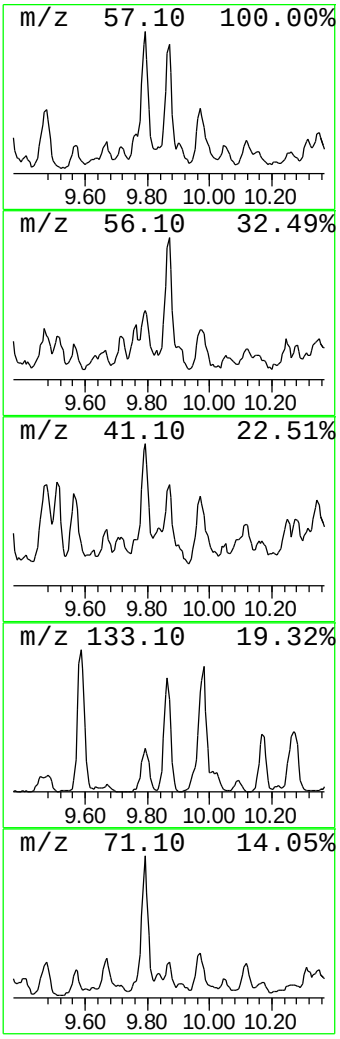
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	16.14 ng/ul	1845390	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	38
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	35
3	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	32
4	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	32
5	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	32





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Instrument : BNA_M
ClientSampleId : F6A48

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Quant Title : SVOA CALIBRATION

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

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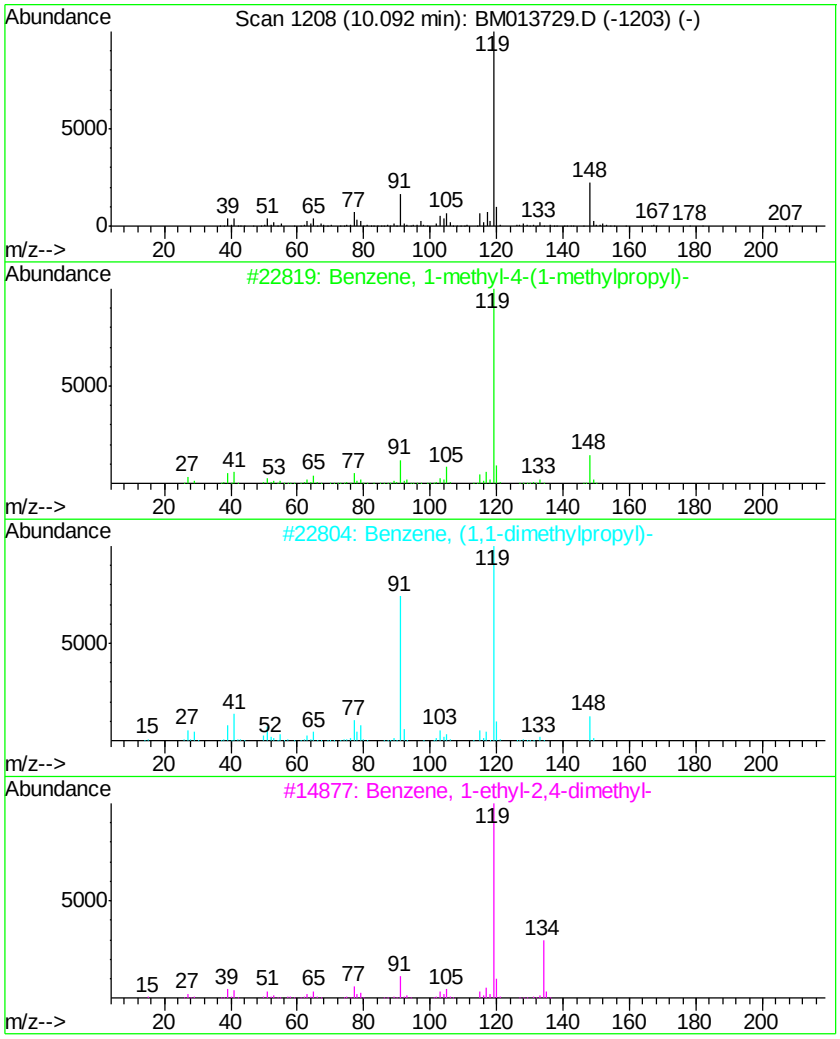
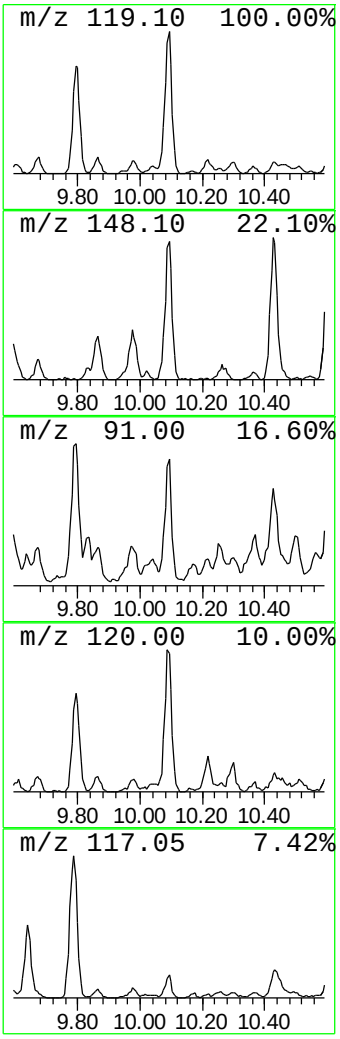
Peak Number 21 Benzene, 1-methyl-4-(1-meth... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	16.86 ng/ul	1926970	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	86
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
5	o-Cymene	134	C10H14	000527-84-4	72





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Quant Title : SVOA CALIBRATION

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

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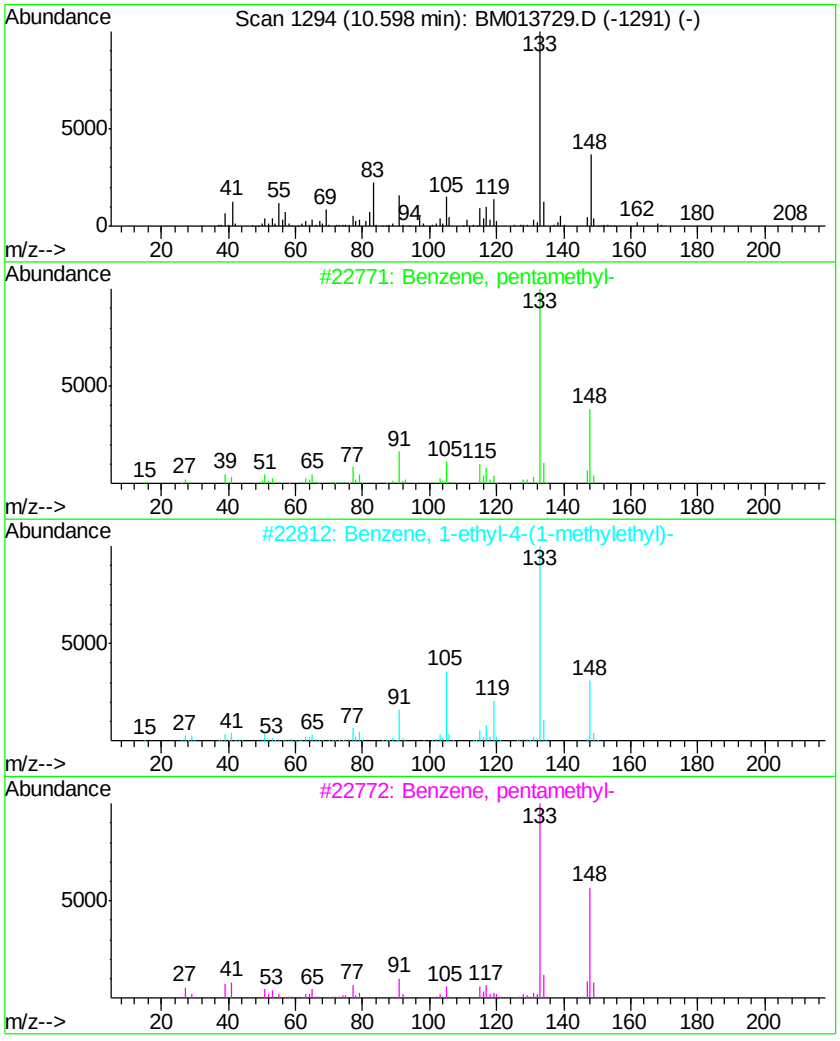
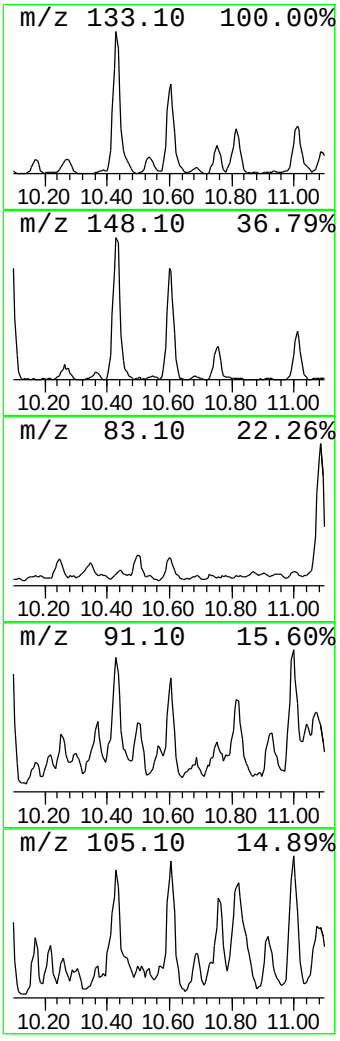
Peak Number 22 Benzene, pentamethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	12.90 ng/ul	1475010	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	93
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	83
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	81





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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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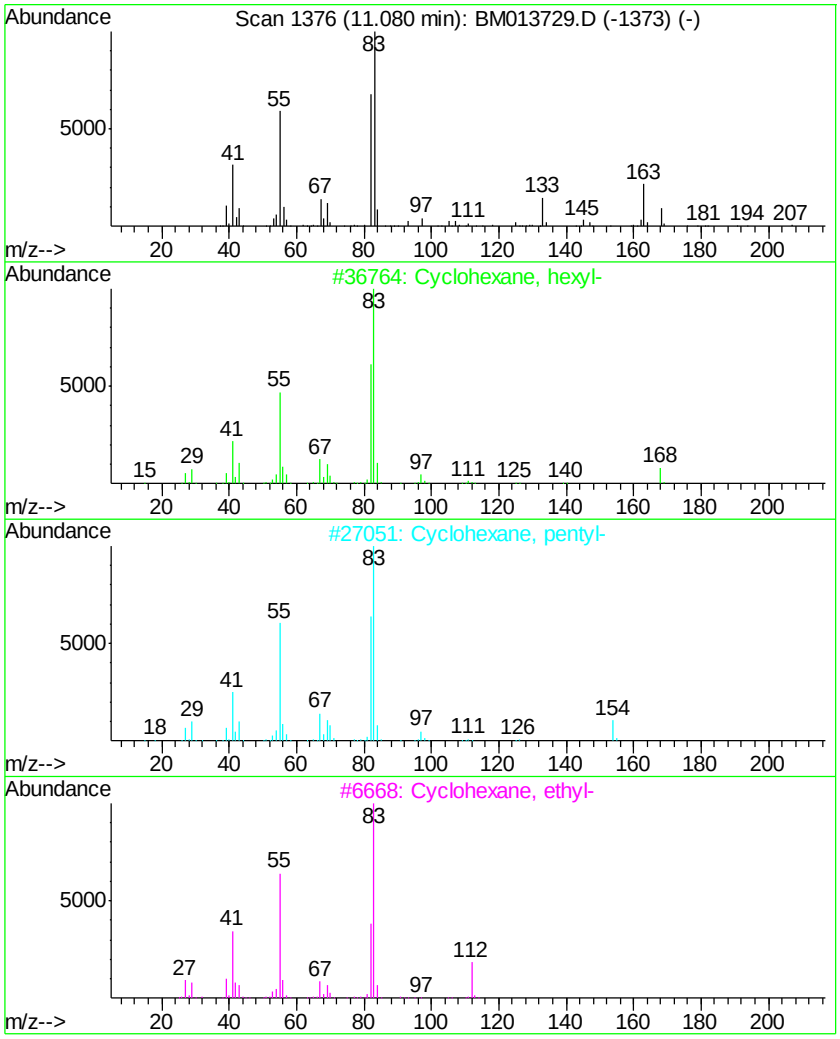
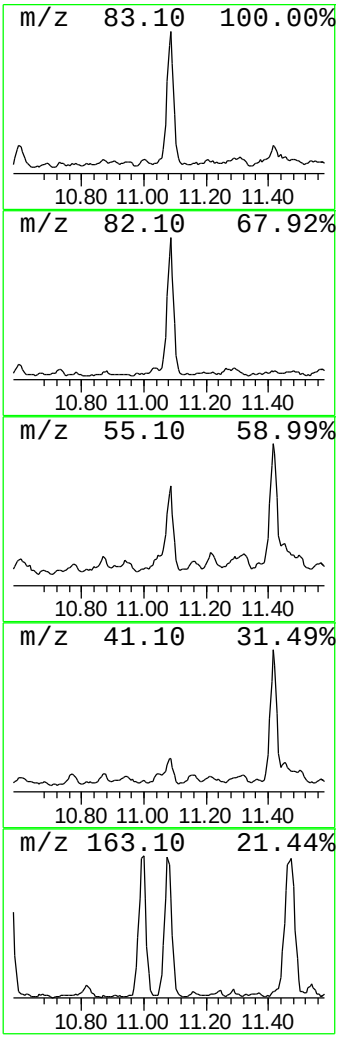
Peak Number 23 (DEL) Alkane: Cyclic11.08 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	22.41 ng/ul	2562020	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	74
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
5	Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	59





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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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Quant Title : SVOA CALIBRATION

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

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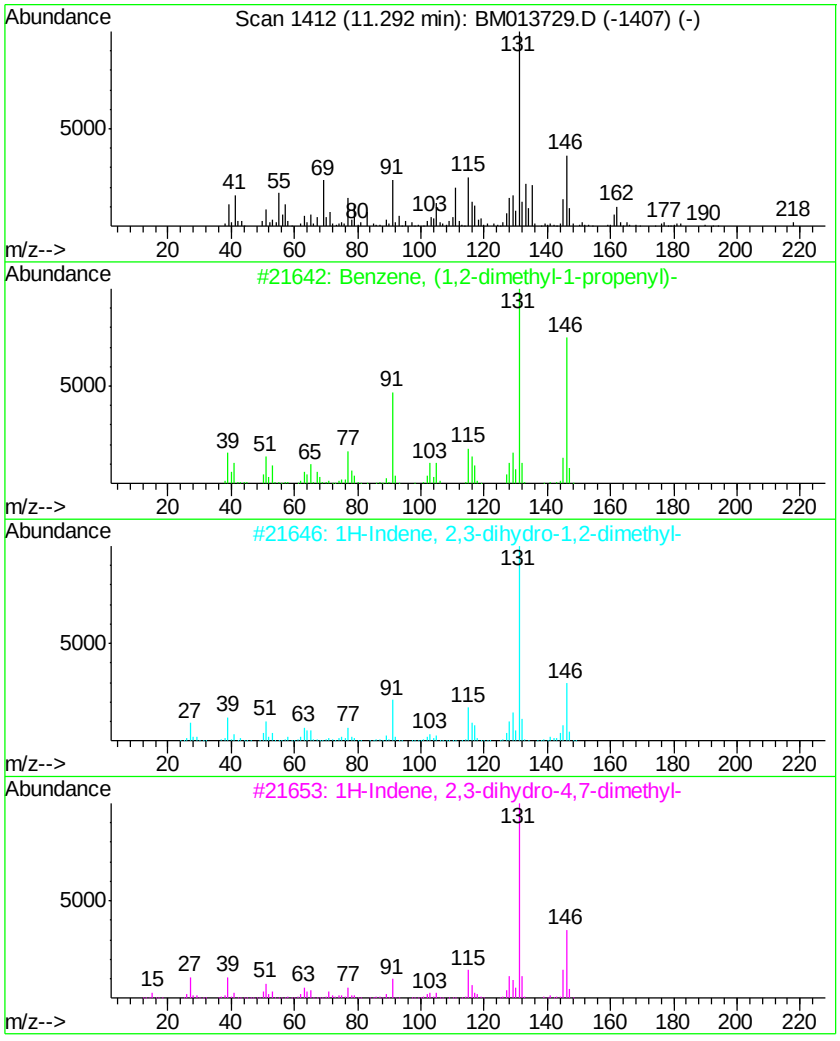
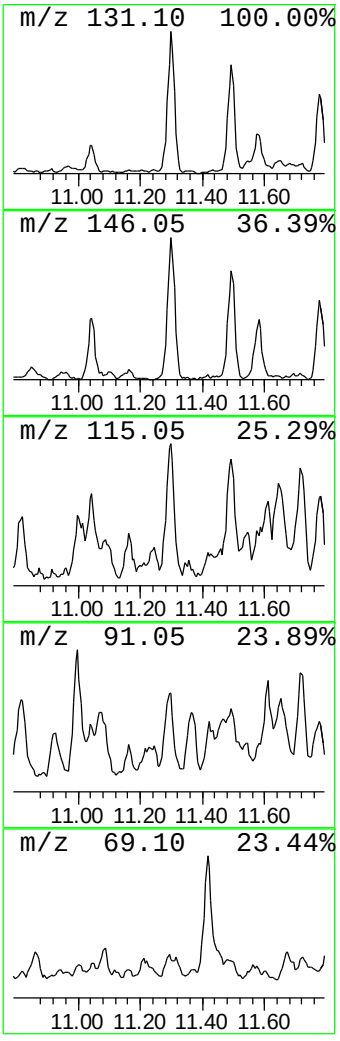
Peak Number 24 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	17.59 ng/ul	2010090	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	78
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60





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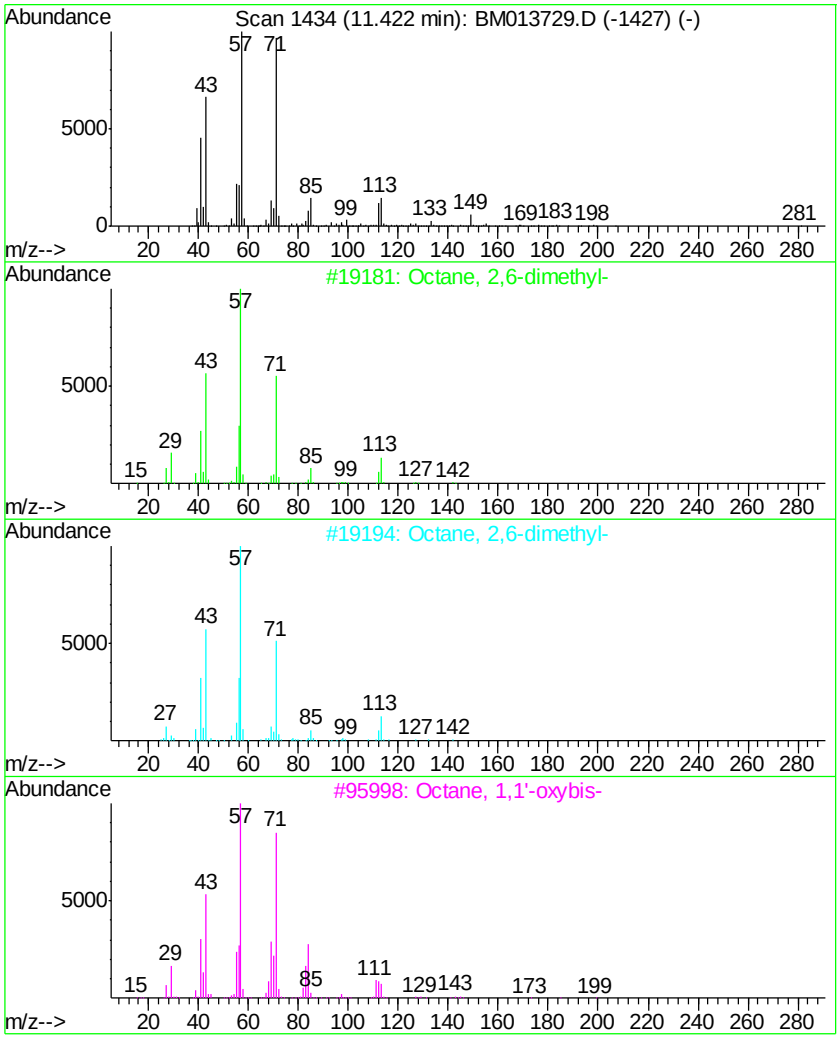
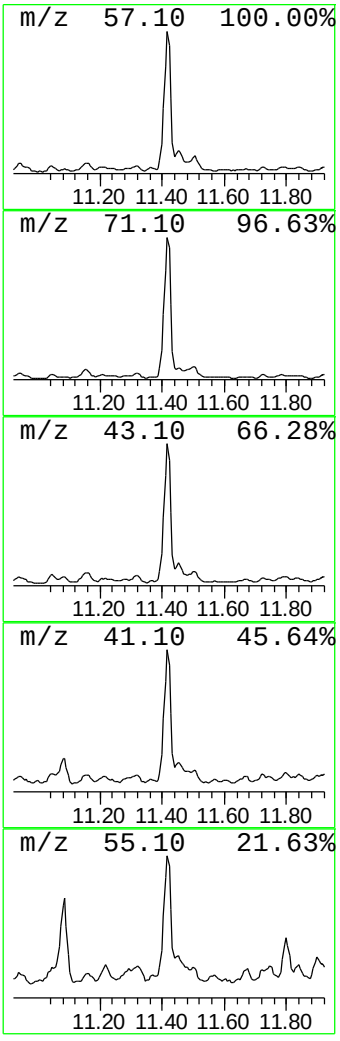
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	84.75 ng/ul	9686980	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
4	Decane, 4-methyl-	156	C11H24	002847-72-5	64
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





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Quant Title : SVOA CALIBRATION

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

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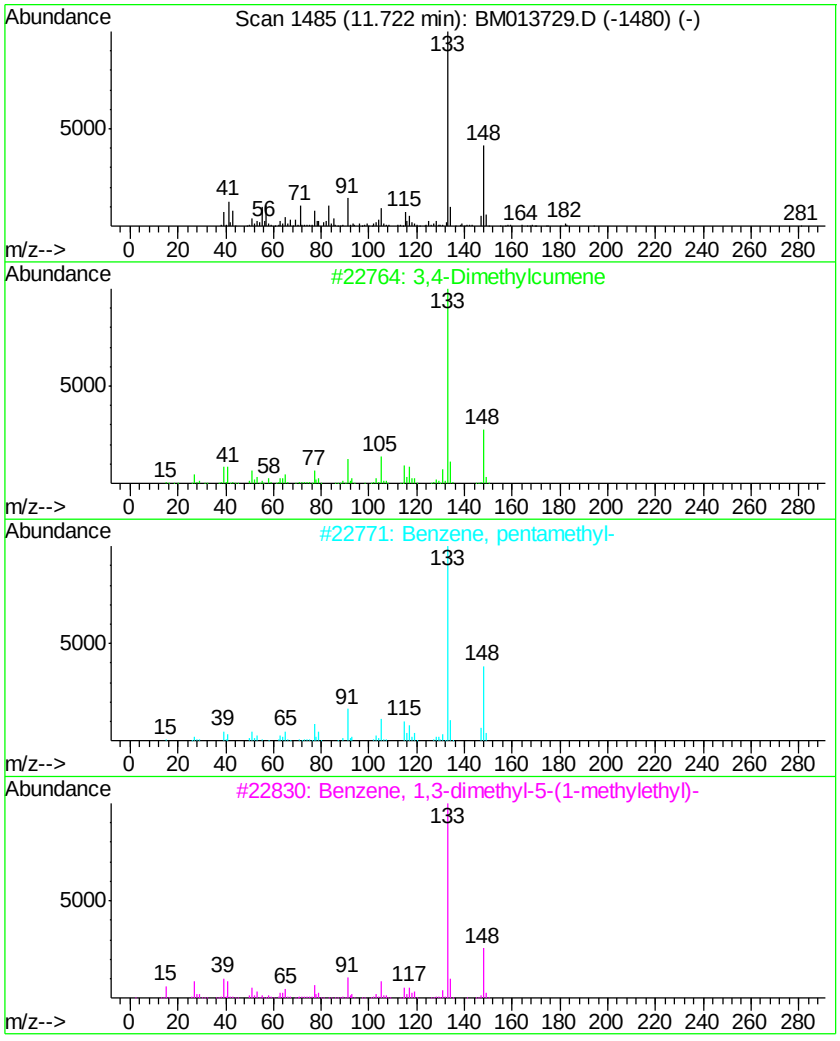
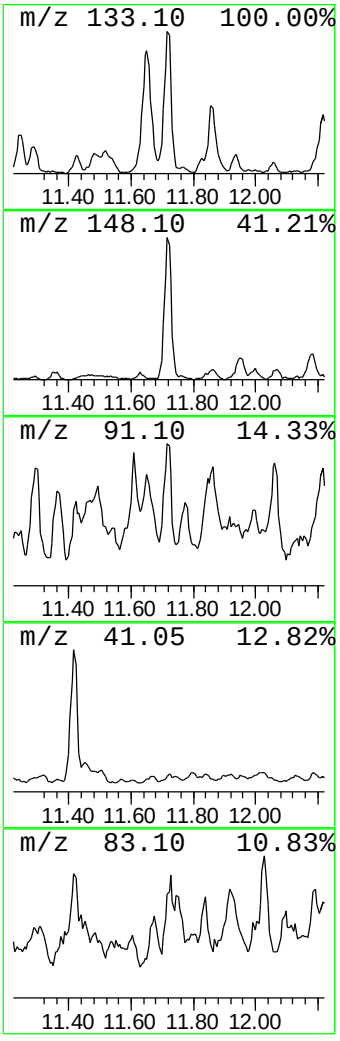
Peak Number 26 3,4-Dimethylcumene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	10.69 ng/ul	1221900	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	91
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
4	2-tert-Butyltoluene	148	C11H16	001074-92-6	83
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	81





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Quant Title : SVOA CALIBRATION

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

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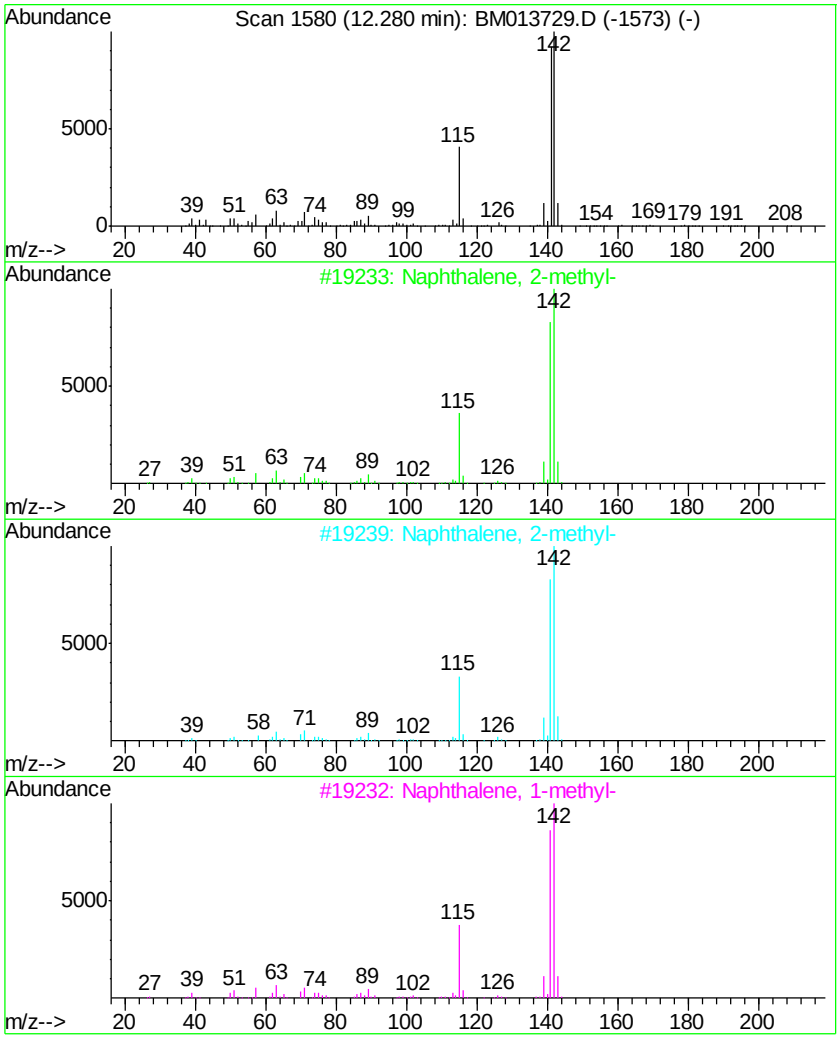
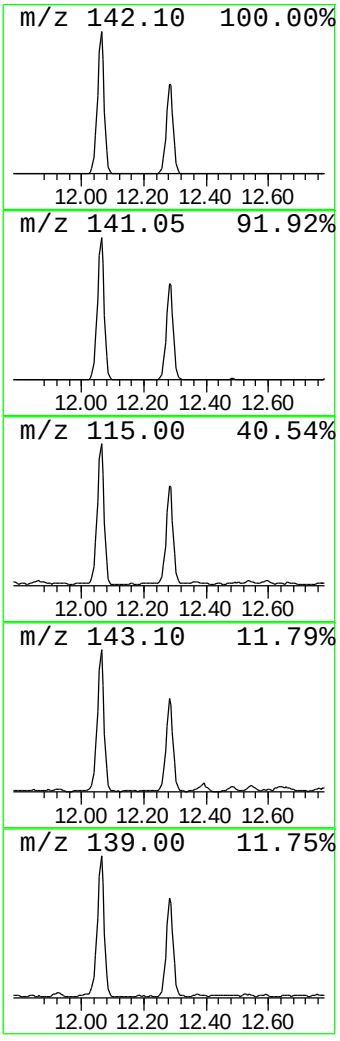
Peak Number 27 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	76.01 ng/ul	8688490	Naphthalene-d8	10.39

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





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Quant Title : SVOA CALIBRATION

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

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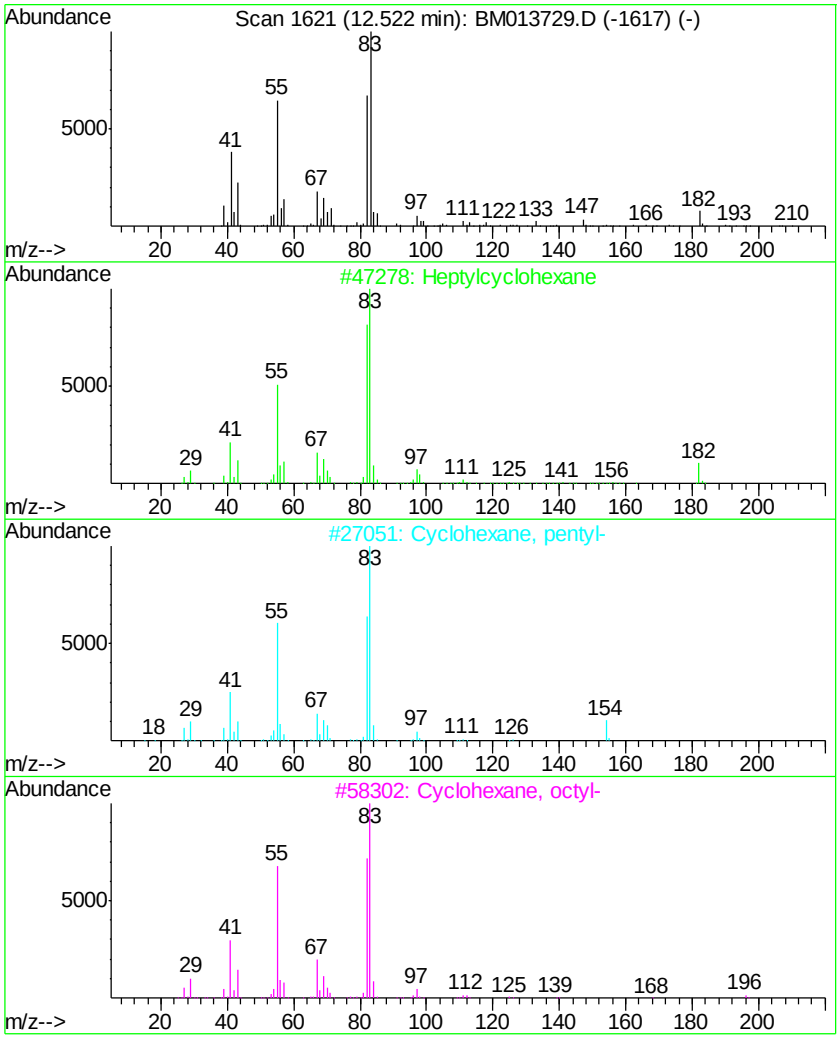
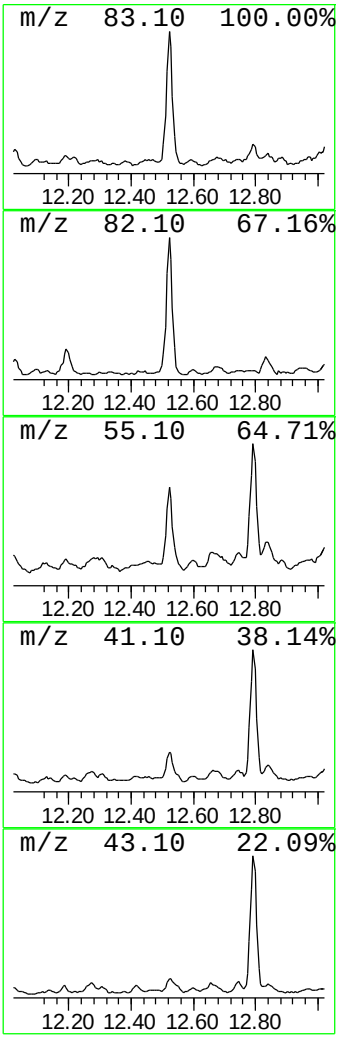
Peak Number 28 (DEL) Alkane: Cyclic12.52 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	6.12 ng/ul	3310950	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	91
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	86
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	86
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83





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Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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

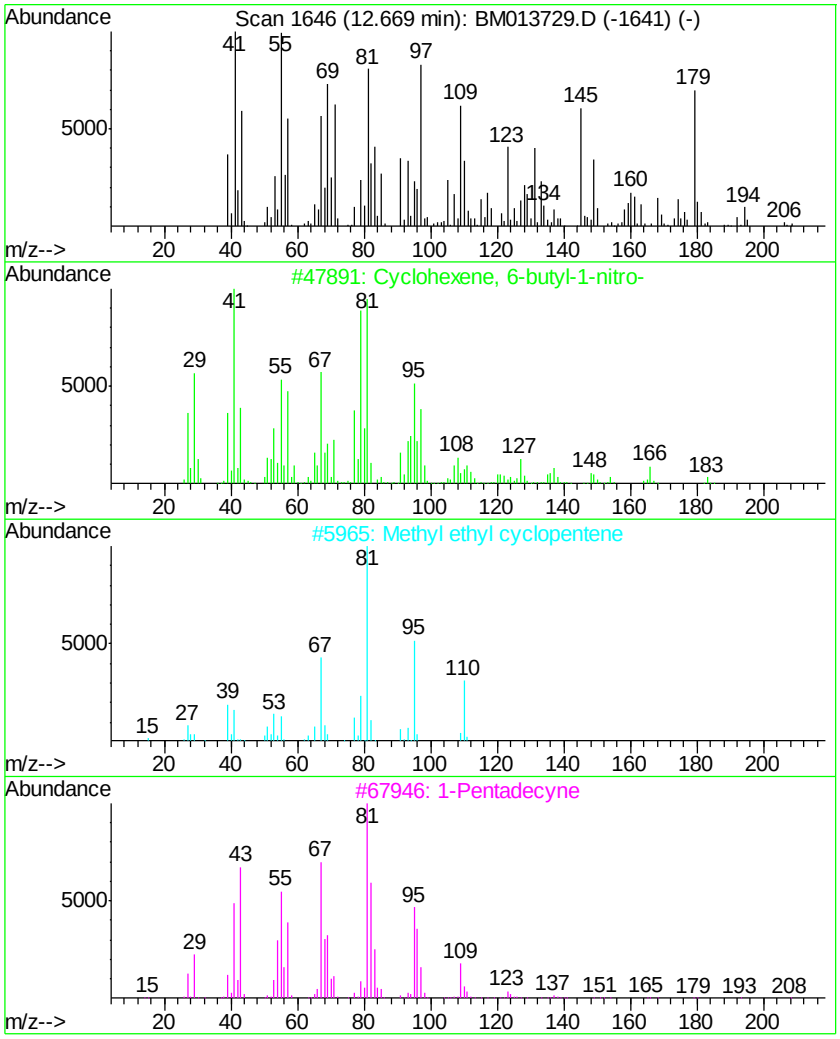
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

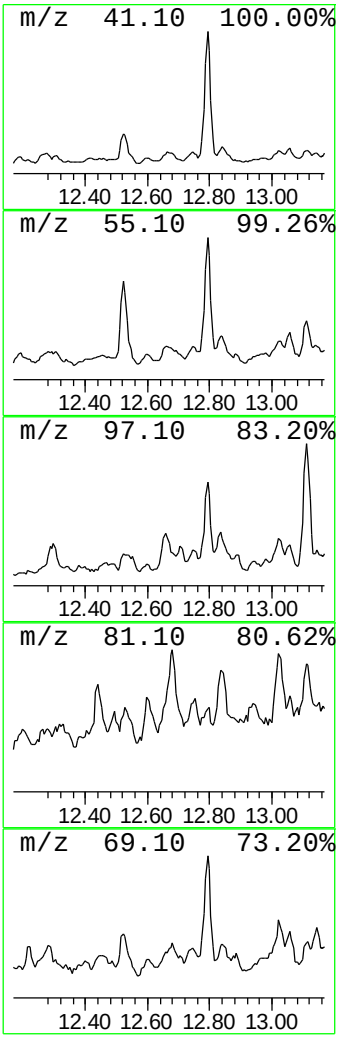
****

Peak Number 29 unknown-03 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	3.69 ng/ul	1995080	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 6-butyl-1-nitro-	183	C10H17NO2	084820-13-3	38
2	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	30
3	1-Pentadecyne	208	C15H28	000765-13-9	30
4	trans-(2-Ethylcyclopentyl)methanol	128	C8H16O	036258-08-9	27
5	Thujone	152	C10H16O	000546-80-5	25





Library Search Compound Report

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Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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

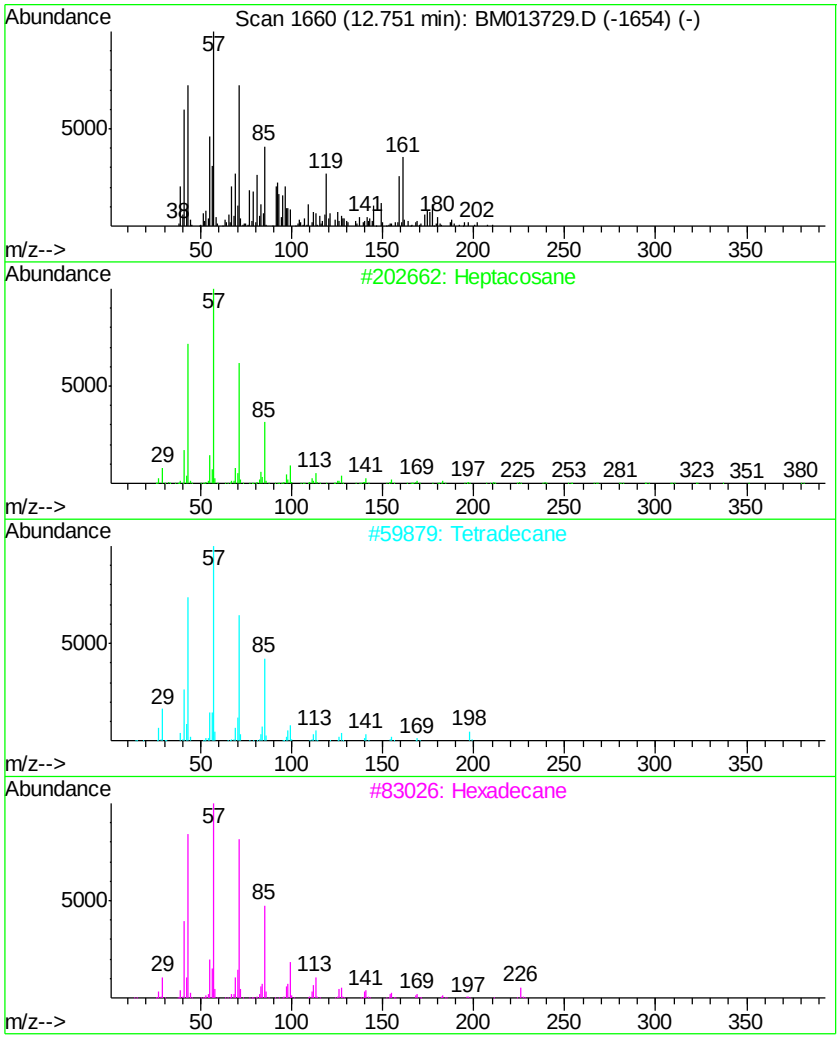
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

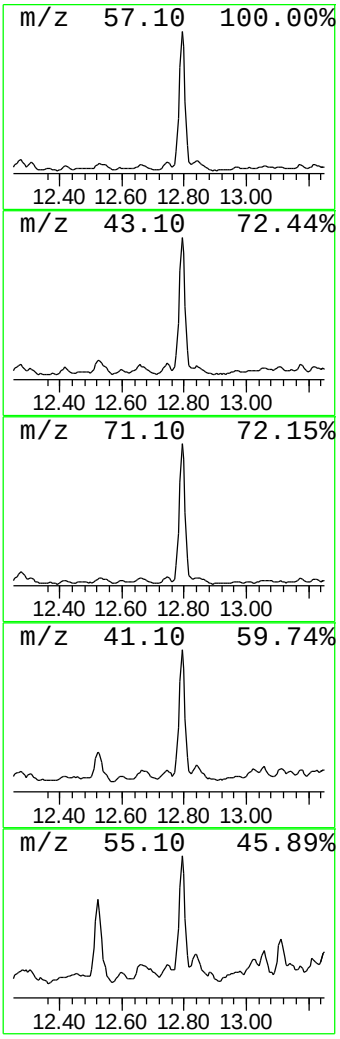
****

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	2.31 ng/ul	1252600	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	49
2	Tetradecane	198	C14H30	000629-59-4	49
3	Hexadecane	226	C16H34	000544-76-3	49
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	46
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43





Library Search Compound Report

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Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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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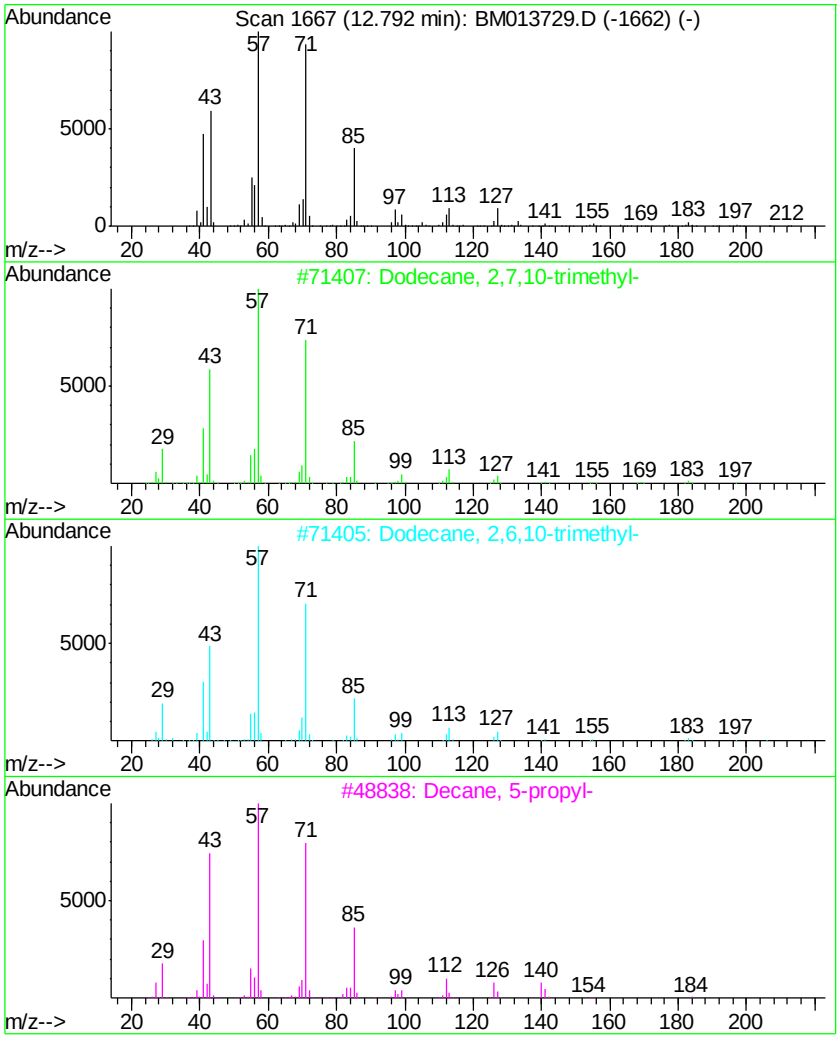
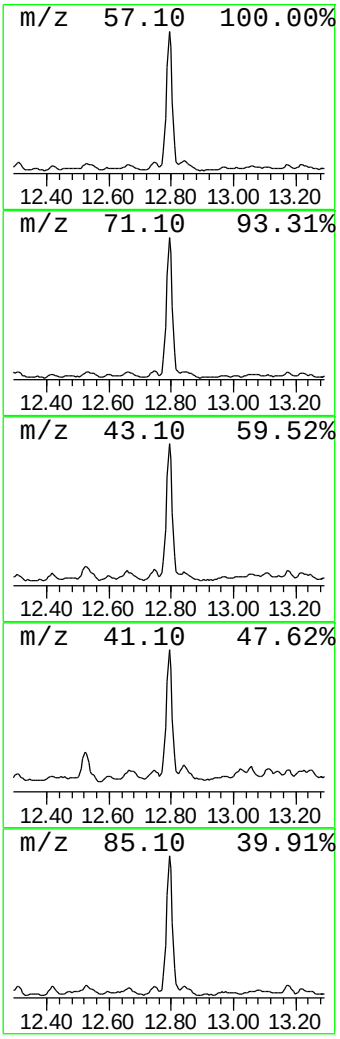
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	19.30 ng/ul	10447200	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Decane, 5-propyl-	184	C13H28	017312-62-8	80
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64





Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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

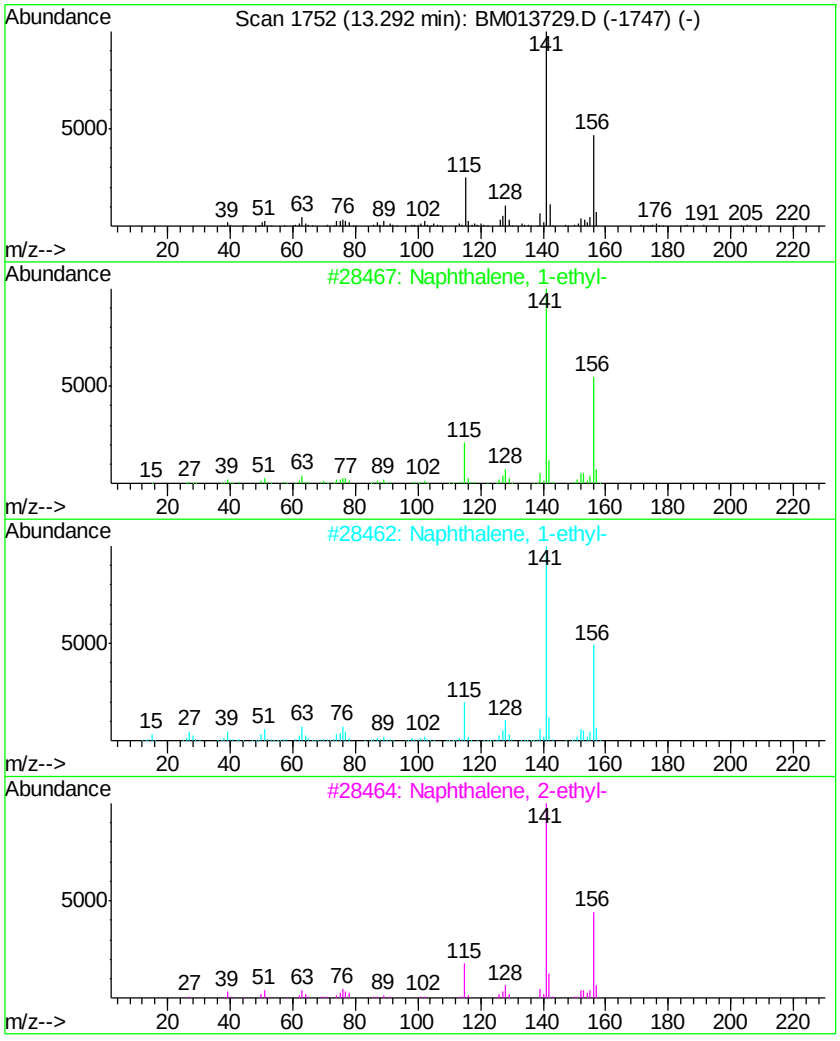
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

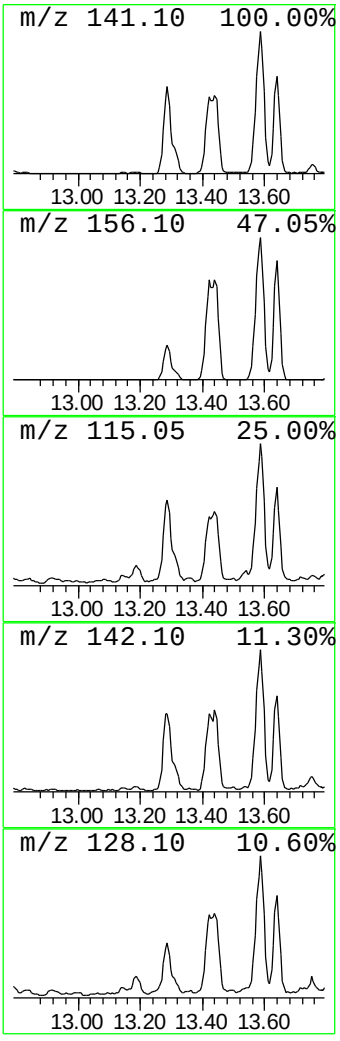
****

Peak Number 33 Naphthalene, 1-ethyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	4.74 ng/ul	2567550	Acenaphthene-d10	14.26

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	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
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Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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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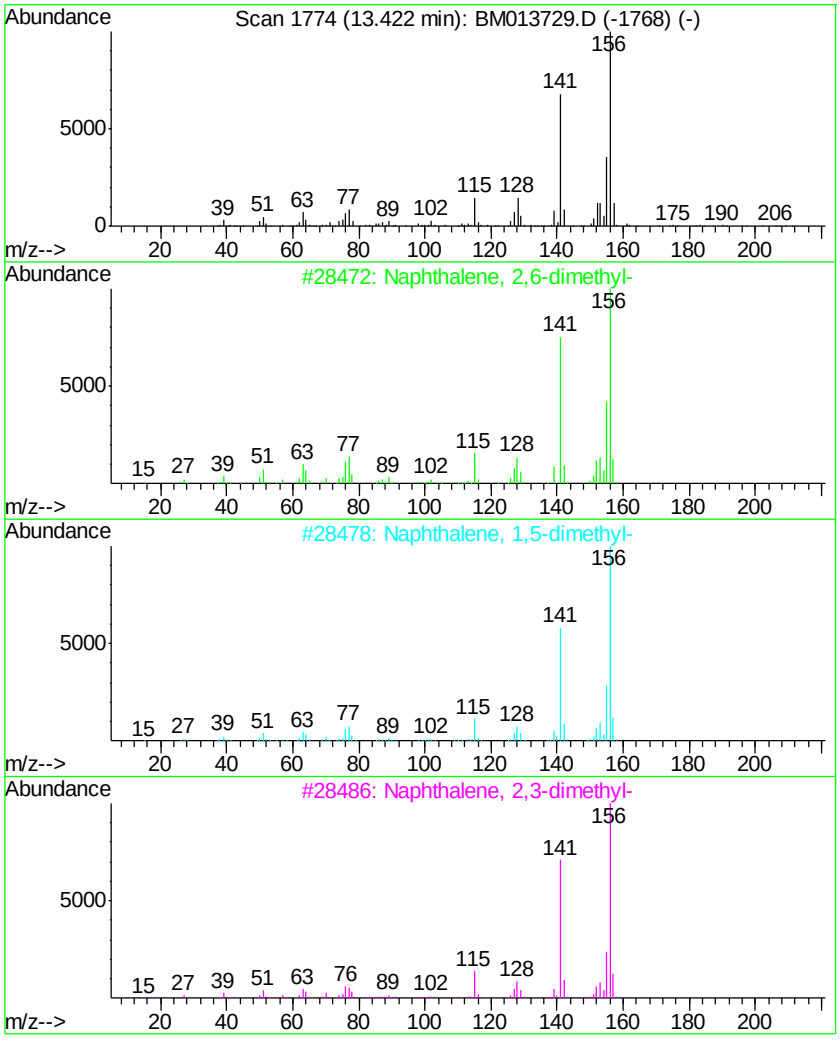
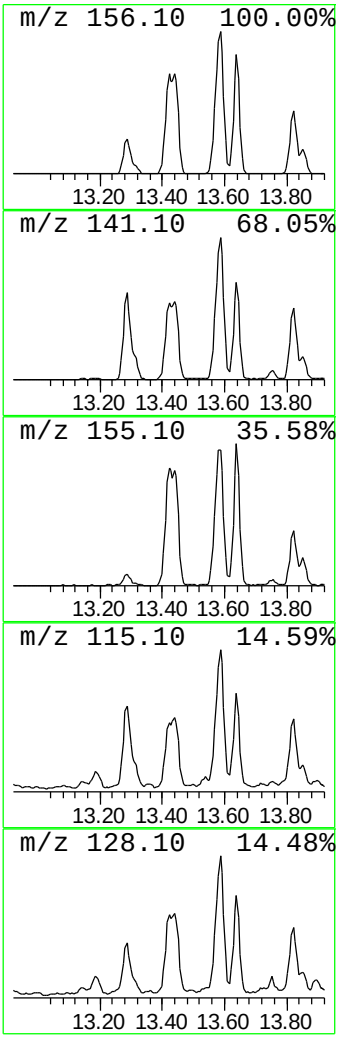
Peak Number 34 Naphthalene, 2,6-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	12.97 ng/ul	7021770	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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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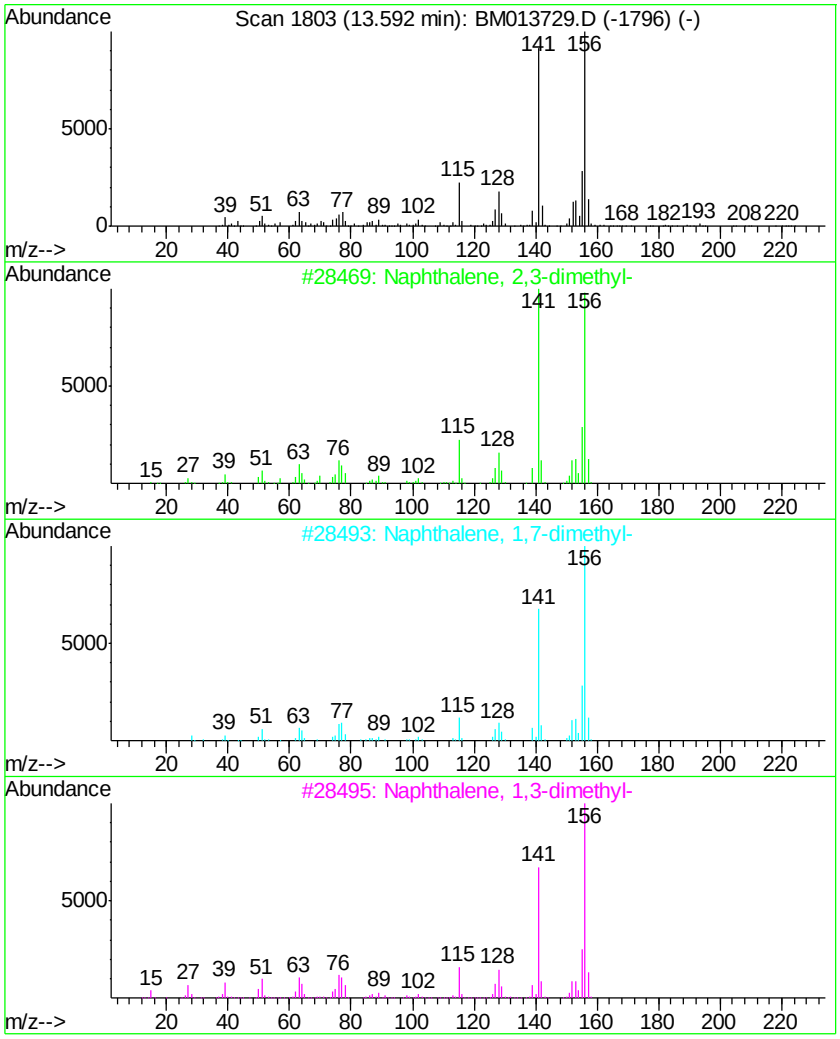
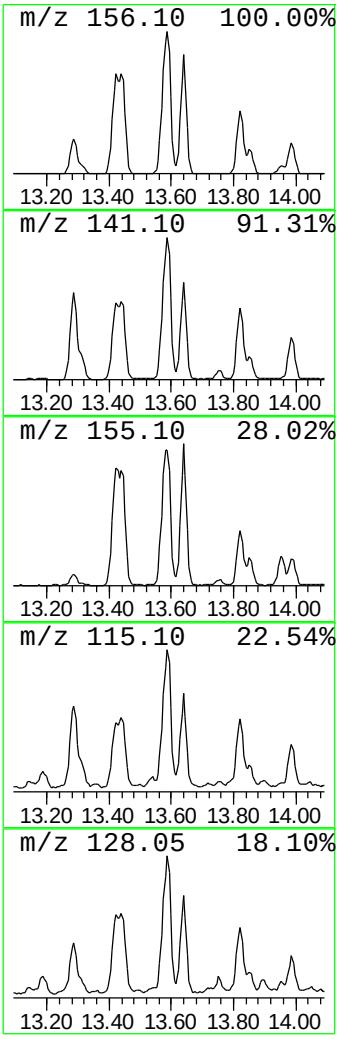
Peak Number 35 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	21.57 ng/ul	11678400	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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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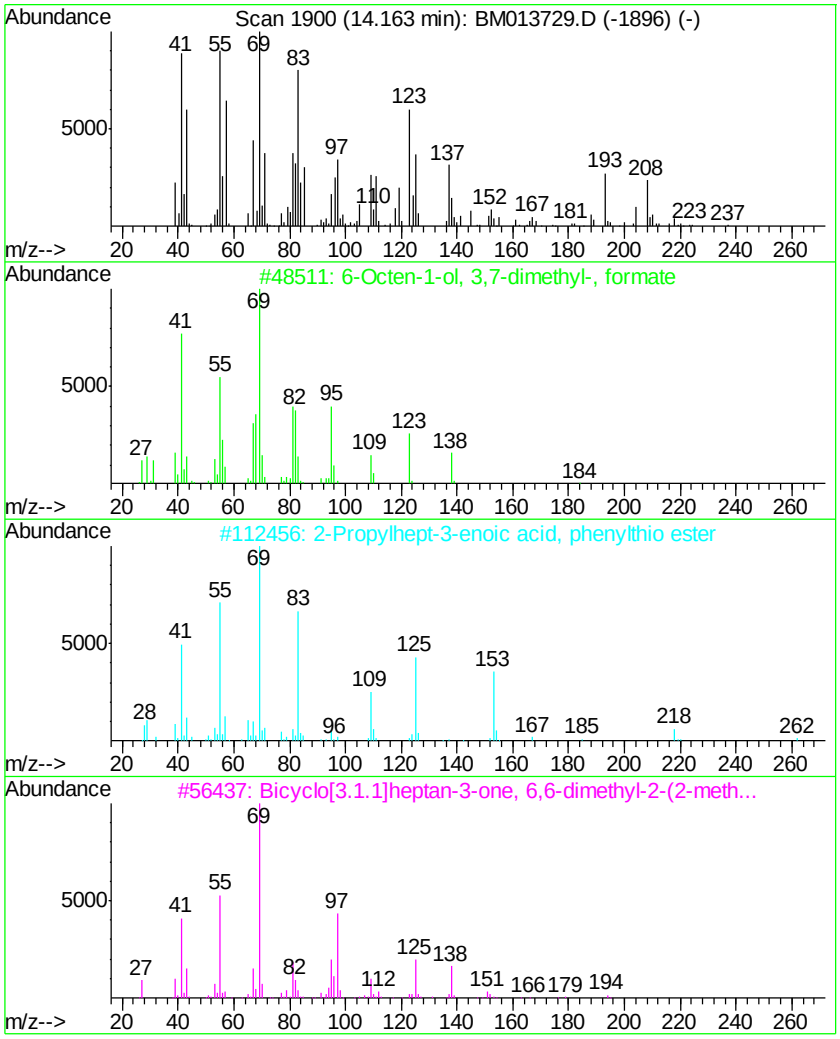
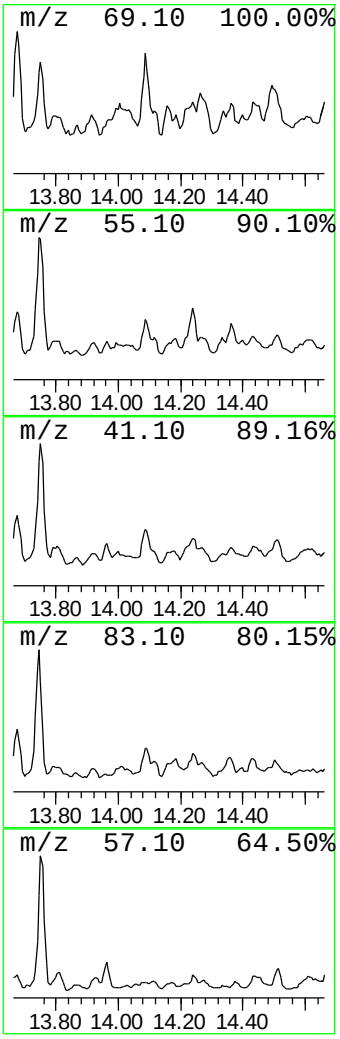
Peak Number 39 unknown-04 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.43 ng/ul	1316070	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octen-1-ol, 3,7-dimethyl-, for...	184	C11H20O2	000105-85-1	41
2	2-Propylhept-3-enoic acid, phenyl...	262	C16H22OS	1000284-37-2	38
3	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	38
4	1-Cyclopentylethanol, chlorodifl...	226	C9H13ClF2O2	1000376-25-2	35
5	Bicyclo[3.1.1]heptane-2-carboxal...	152	C10H16O	004764-14-1	35





Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

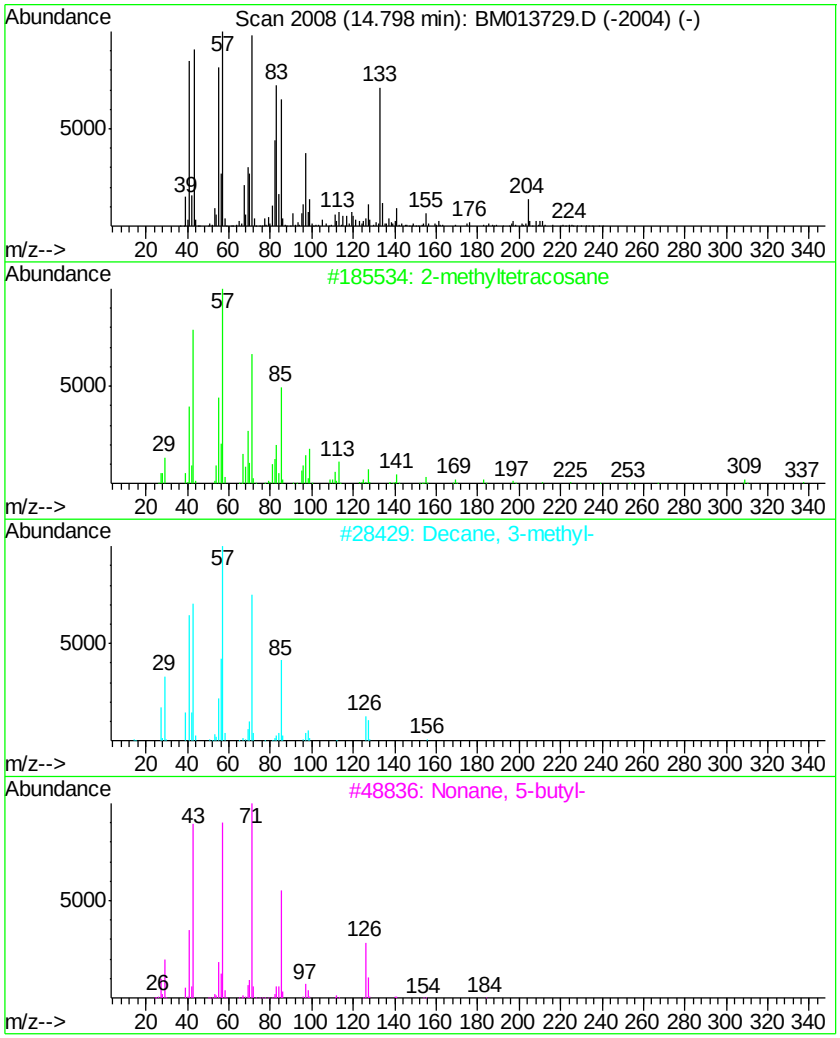
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

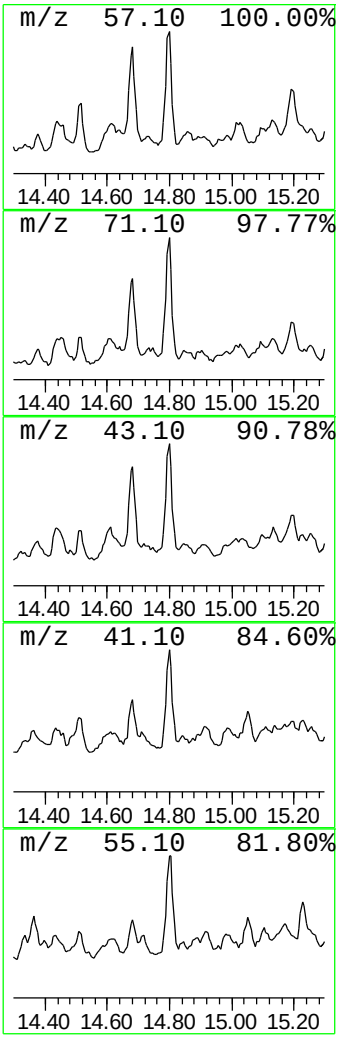
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	8.72 ng/ul	4719190	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyltetracosane	352	C25H52	1000376-72-6	49
2	Decane, 3-methyl-	156	C11H24	013151-34-3	38
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	38
4	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	38
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38





Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
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Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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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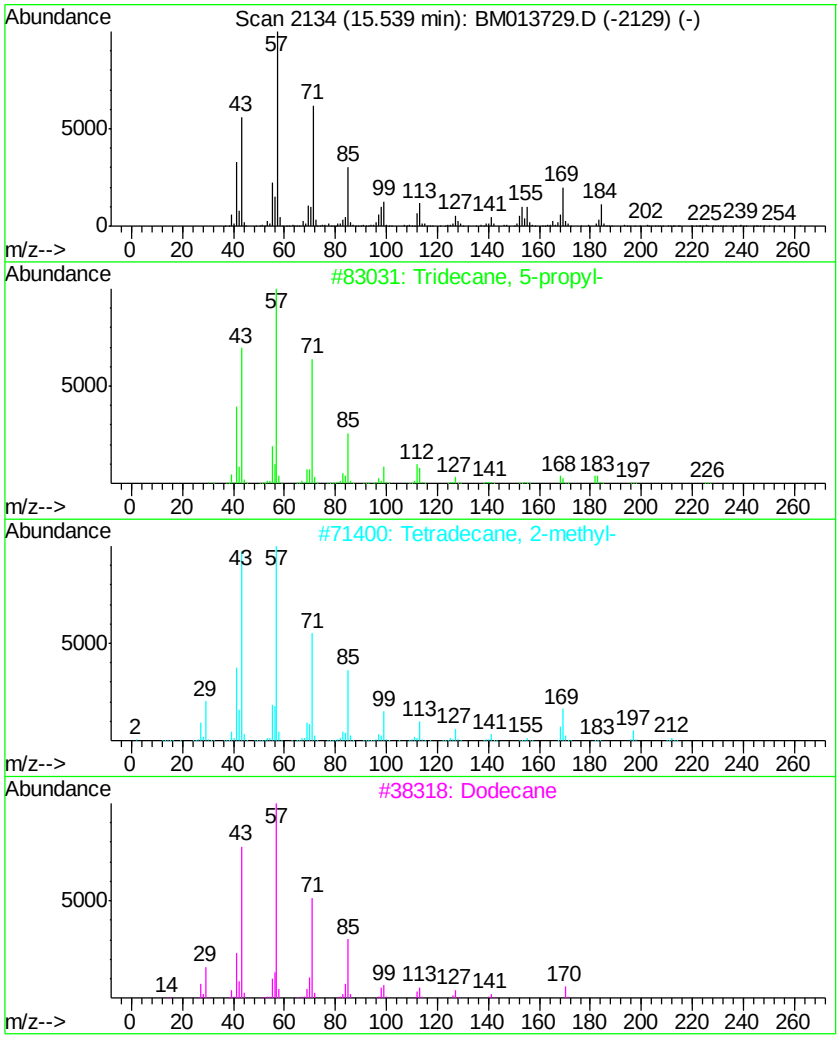
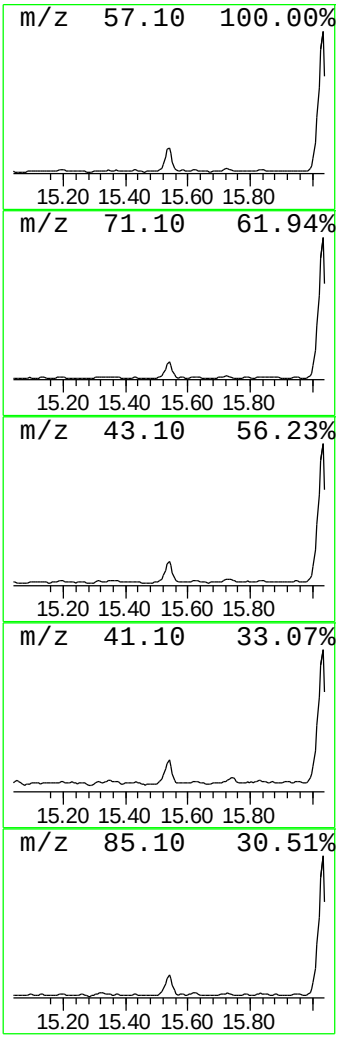
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	21.71 ng/ul	11751000	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
2	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	64
3	Dodecane	170	C12H26	000112-40-3	64
4	Hexacosane	366	C26H54	000630-01-3	58
5	Heneicosane	296	C21H44	000629-94-7	58





Library Search Compound Report

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Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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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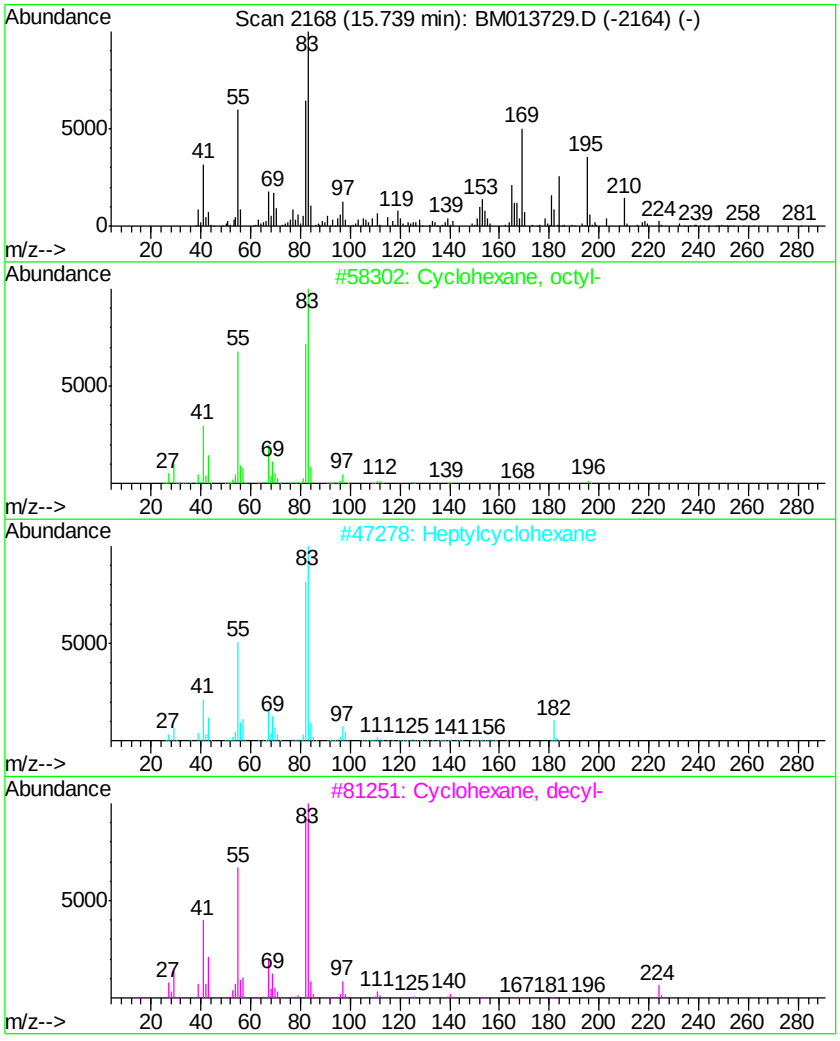
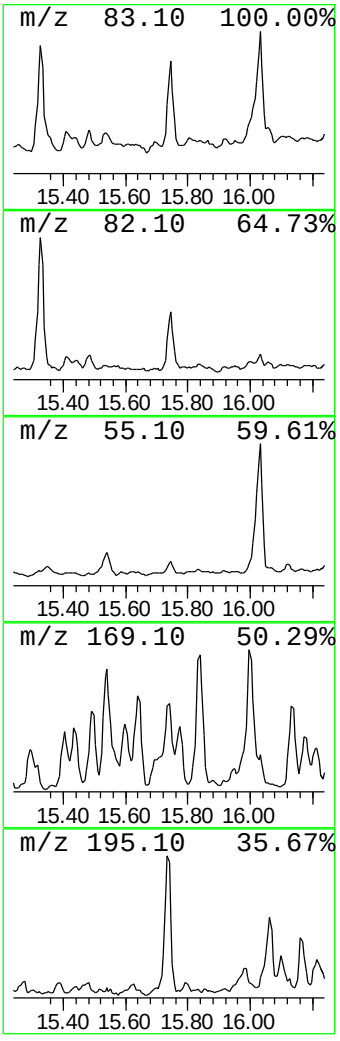
Peak Number 50 (DEL) Alkane: Cyclic15.74 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	16.22 ng/ul	2698940	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	55
2	Heptylcyclohexane	182	C13H26	005617-41-4	49
3	Cyclohexane, decyl-	224	C16H32	001795-16-0	43
4	Cyclohexane, decyl-	224	C16H32	001795-16-0	43
5	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	43





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Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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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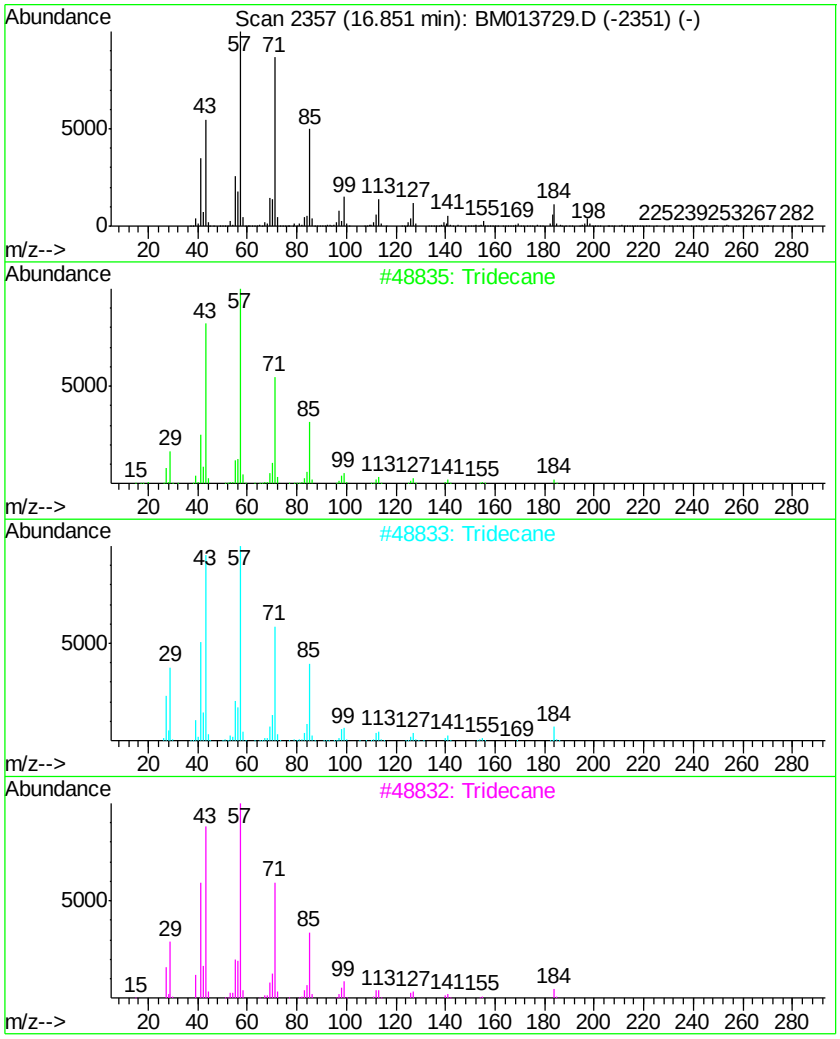
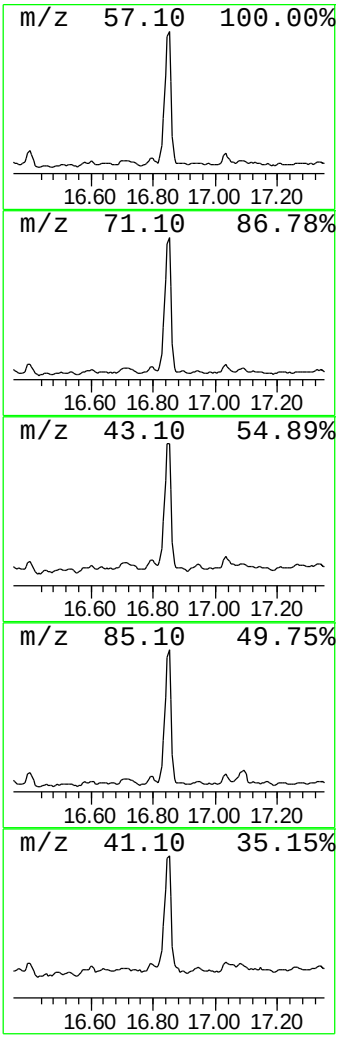
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	151.30 ng/ul	25169500	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tridecane	184	C13H28	000629-50-5	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	87
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	87





Library Search Compound Report

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Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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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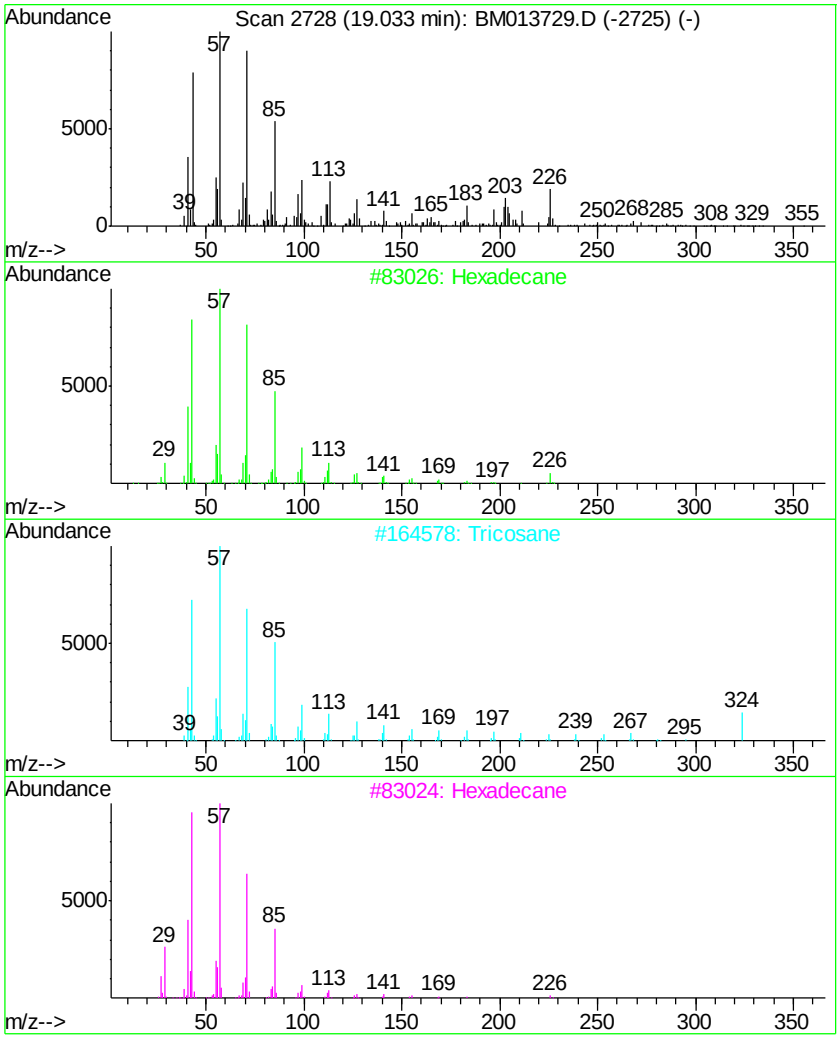
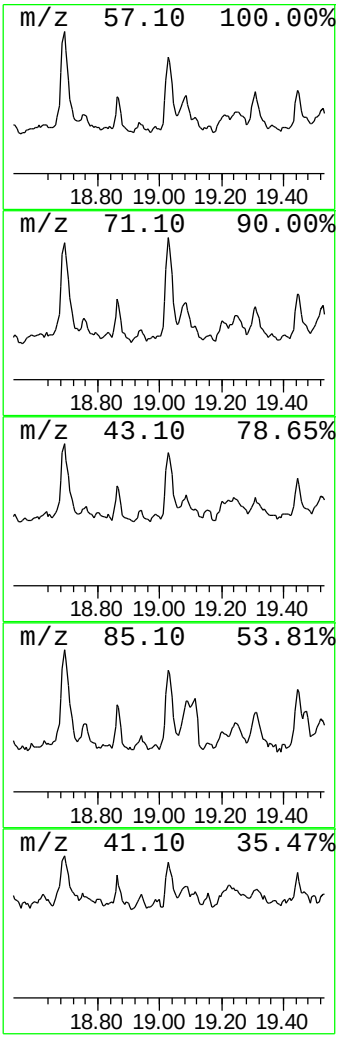
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	14.90 ng/ul	2478500	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tricosane	324	C23H48	000638-67-5	74
3	Hexadecane	226	C16H34	000544-76-3	68
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM012218\
Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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

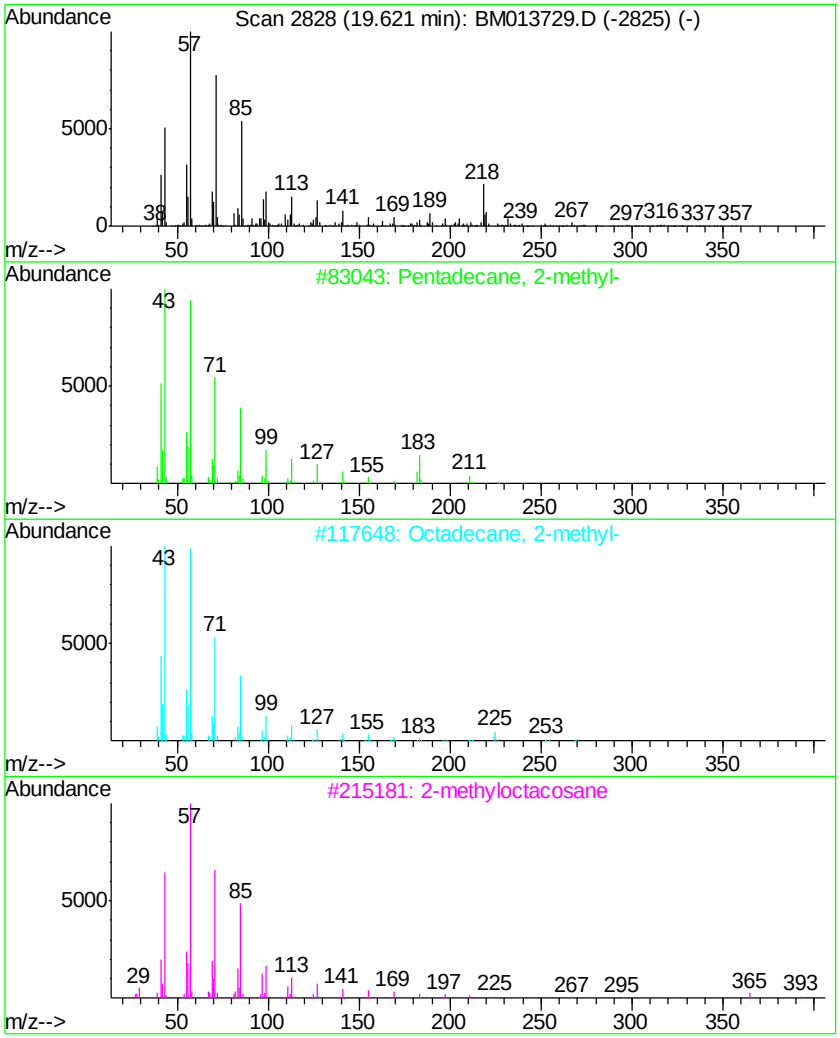
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

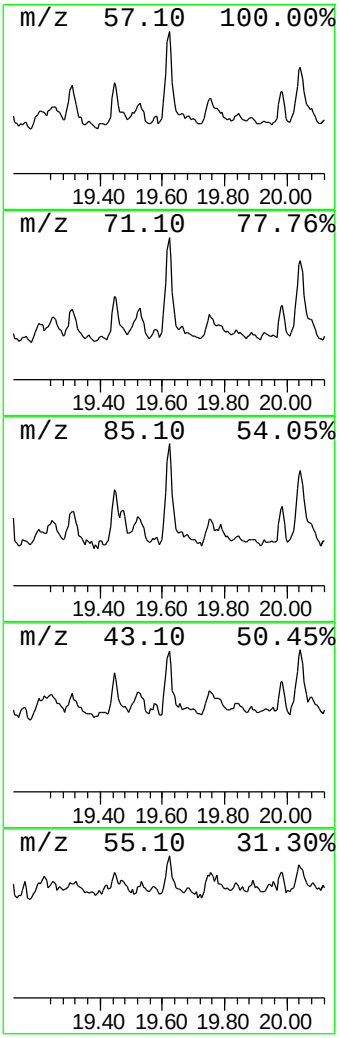
****

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	9.51 ng/ul	5350720	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	90
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
3	2-methyloctacosane	408	C29H60	1000376-72-8	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Octacosane	394	C28H58	000630-02-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012218\
Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
Sample : J1174-13
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A48

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...	4.68	9.2	ng/ul	1498330	1	7.61	3260840	20.0
(DEL) Alkane: Str...	5.89	15.8	ng/ul	2574540	1	7.61	3260840	20.0
(DEL) Alkane: Str...	6.10	14.7	ng/ul	2400810	1	7.61	3260840	20.0
(DEL) Alkane: Str...	6.17	13.1	ng/ul	2130690	1	7.61	3260840	20.0
(DEL) Alkane: Str...	6.60	13.9	ng/ul	2258220	1	7.61	3260840	20.0
(DEL) Alkane: Str...	7.79	8.7	ng/ul	1416570	1	7.61	3260840	20.0
(DEL) Alkane: Str...	7.83	30.4	ng/ul	4963970	1	7.61	3260840	20.0
(DEL) Alkane: Cyc...	7.88	10.5	ng/ul	1712040	1	7.61	3260840	20.0
Benzene, 1,4-diet...	8.09	10.7	ng/ul	1743990	1	7.61	3260840	20.0
(DEL) Alkane: Str...	8.13	30.4	ng/ul	4963870	1	7.61	3260840	20.0
(DEL) Alkane: Str...	8.27	23.1	ng/ul	3760720	1	7.61	3260840	20.0
Sulfurous acid, h...	8.47	13.2	ng/ul	2146440	1	7.61	3260840	20.0
Benzene, 4-ethyl-...	8.70	21.8	ng/ul	3558830	1	7.61	3260840	20.0
1-Eicosanol	8.91	7.5	ng/ul	1226960	1	7.61	3260840	20.0
unknown-01	8.95	10.1	ng/ul	1647100	1	7.61	3260840	20.0
Benzene, 1,2,4,5-...	9.22	17.3	ng/ul	1977810	2	10.39	2286070	20.0
trans-Decalin, 2-...	9.30	11.4	ng/ul	1297980	2	10.39	2286070	20.0
trans-4a-Methyl-d...	9.57	20.6	ng/ul	2356280	2	10.39	2286070	20.0
unknown-02	9.79	36.9	ng/ul	4219290	2	10.39	2286070	20.0
(DEL) Alkane: Str...	9.87	16.1	ng/ul	1845390	2	10.39	2286070	20.0
Benzene, 1-methyl...	10.09	16.9	ng/ul	1926970	2	10.39	2286070	20.0
Benzene, pentamet...	10.60	12.9	ng/ul	1475010	2	10.39	2286070	20.0
(DEL) Alkane: Cyc...	11.08	22.4	ng/ul	2562020	2	10.39	2286070	20.0
Benzene, (1,2-dim...	11.29	17.6	ng/ul	2010090	2	10.39	2286070	20.0
(DEL) Alkane: Str...	11.42	84.8	ng/ul	9686980	2	10.39	2286070	20.0
3,4-Dimethylcumene	11.72	10.7	ng/ul	1221900	2	10.39	2286070	20.0
Naphthalene, 1-me...	12.28	76.0	ng/ul	8688490	2	10.39	2286070	20.0
(DEL) Alkane: Cyc...	12.52	6.1	ng/ul	3310950	3	14.26	10826000	20.0
unknown-03	12.67	3.7	ng/ul	1995080	3	14.26	10826000	20.0
(DEL) Alkane: Str...	12.75	2.3	ng/ul	1252600	3	14.26	10826000	20.0
(DEL) Alkane: Str...	12.79	19.3	ng/ul	10447200	3	14.26	10826000	20.0
Naphthalene, 1-et...	13.29	4.7	ng/ul	2567550	3	14.26	10826000	20.0
Naphthalene, 2,6-...	13.42	13.0	ng/ul	7021770	3	14.26	10826000	20.0
Naphthalene, 2,3-...	13.59	21.6	ng/ul	11678400	3	14.26	10826000	20.0
unknown-04	14.16	2.4	ng/ul	1316070	3	14.26	10826000	20.0
(DEL) Alkane: Str...	14.80	8.7	ng/ul	4719190	3	14.26	10826000	20.0
(DEL) Alkane: Str...	15.54	21.7	ng/ul	11751000	3	14.26	10826000	20.0
(DEL) Alkane: Cyc...	15.74	16.2	ng/ul	2698940	4	17.03	3327180	20.0
(DEL) Alkane: Str...	16.85	151.3	ng/ul	25169500	4	17.03	3327180	20.0
(DEL) Alkane: Str...	19.03	14.9	ng/ul	2478500	4	17.03	3327180	20.0
(DEL) Alkane: Str...	19.62	9.5	ng/ul	5350720	5	21.23	11252200	20.0