LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	4.516	252	260	267	rBV2	146677	260491	9.97%	0.347%
2	5.010	340	344	353	rVB2	278470	519650	19.89%	0.693%
3	5.146	362	367	375	rVB	344883	514443	19.69%	0.686%
4	5.816	475	481	494	rBV5	184589	506355	19.38%	0.675%
5	5.934	494	501	511	rVB3	157393	358982	13.74%	0.479%
6	6.051	518	521	525	rVB2	217857	316577	12.12%	0.422%
7	6.098	525	529	534	rVB	409150	516660	19.78%	0.689%
8	6.181	539	543	555	rVB2	273262	590599	22.61%	0.787%
9	6.534	598	603	609	rVB2	869635	1375392	52.65%	1.834%
10	6.687	623	629	636	rBV4	246848	531162	20.33%	0.708%
11	7.022	682	686	695	rBV3	132560	241383	9.24%	0.322%
12	7.098	695	699	710	rVB5	152319	371860	14.23%	0.496%
13	7.416	747	753	755	rBV2	162153	257519	9.86%	0.343%
14	7.445	755	758	763	rVV3	201390	300243	11.49%	0.400%
15	7.504	763	768	773	rVB	629597	896113	34.30%	1.195%
16	7.569	773	779	789	rVB3	625514	1351499	51.73%	1.802%
17	7.669	789	796	799	rBV5	94249	226392	8.67%	0.302%
18	7.816	817	821	828	rVB4	150619	254915	9.76%	0.340%
19	7.922	835	839	853	rVB	357265	648646	24.83%	0.865%
20	8.039	853	859	864	rBV2	503040	1091041	41.76%	1.455%
21	8.187	876	884	889	rBV	614753	1015118	38.86%	1.353%
22	8.292	897	902	908	rBV4	124100	226654	8.68%	0.302%
23	8.492	930	936	943	rBV3	128606	265004	10.14%	0.353%
24	8.645	956	962	969	rVV	1609284	2612414	100.00%	3.483%
25	8.728	970	976	983	rVV3	628779	1111945	42.56%	1.482%
26	8.834	989	994	996	rBV2	151376	233992	8.96%	0.312%
27	8.881	996	1002	1009	rVB4	308508	720488	27.58%	0.961%
28	8.981	1015	1019	1025	rVV4	144533	353775	13.54%	0.472%
29	9.163	1045	1050	1057	rVB2	978870	1467841	56.19%	1.957%
30	9.422	1085	1094	1096	rBV2	248756	490350	18.77%	0.654%
31	9.534	1109	1113	1117	rVV3	208815	320464	12.27%	0.427%
32	9.586	1117	1122	1131	rVB4	664453	1320787	50.56%	1.761%
33	9.739	1141	1148	1156	rBV2	1258052	2386329	91.35%	3.181%
34	9.804	1156	1159	1163	rVB2	187530	258188	9.88%	0.344%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

35	9.916	1170	1178	1183	rBV4	310668	659698	25.25%	0.879%
36	9.975	1183	1188	1192	rBV2	149105	320410	12.26%	0.427%
37	10.033	1193	1198	1204	rVB	480958	810340	31.02%	1.080%
38	10.251	1232	1235	1238	rVV2	200761	362808	13.89%	0.484%
39	10.310	1238	1245	1248	rVV2	619223	1438541	55.07%	1.918%
40	10.345	1248	1251	1254	rVV	964942	1529934	58.56%	2.040%
41	10.392	1255	1259	1264	rVV	985892	1868055	71.51%	2.490%
42	10.469	1264	1272	1277	rVB2	979689	2089225	79.97%	2.785%
43	10.545	1277	1285	1291	rBV5	382256	784828	30.04%	1.046%
44	10.698	1307	1311	1315	rVV3	193649	338329	12.95%	0.451%
45	10.745	1315	1319	1324	rVV3	148324	374260	14.33%	0.499%
46	10.798	1324	1328	1335	rVB3	349579	602980	23.08%	0.804%
47	10.986	1356	1360	1362	rBV3	160699	236929	9.07%	0.316%
48	11.145	1383	1387	1391	rBV3	183234	273472	10.47%	0.365%
49	11.233	1396	1402	1409	rVB2	435370	1014375	38.83%	1.352%
50	11.333	1410	1419	1424	rBV	1122198	1875396	71.79%	2.500%
51	11.439	1434	1437	1442	rVB2	200583	288867	11.06%	0.385%
52	11.527	1450	1452	1458	rVV4	180904	318686	12.20%	0.425%
53	11.592	1459	1463	1468	rVB2	292088	438795	16.80%	0.585%
54	11.727	1482	1486	1489	rBV2	159731	265223	10.15%	0.354%
55	11.969	1524	1527	1531	rVB	307491	382485	14.64%	0.510%
56	12.016	1531	1535	1541	rVB	1685575	2512717	96.18%	3.350%
57	12.239	1569	1573	1582	rVB	834184	1391840	53.28%	1.856%
58	12.316	1582	1586	1593	rVB6	134624	246476	9.43%	0.329%
59	12.392	1594	1599	1603	rBV5	271875	445672	17.06%	0.594%
60	12.457	1603	1610	1615	rBV6	171277	446424	17.09%	0.595%
61	12.669	1642	1646	1649	rBV2	177486	244311	9.35%	0.326%
62	12.716	1649	1654	1660	rBV	806978	1136553	43.51%	1.515%
63	12.863	1674	1679	1685	rBV5	97663	248622	9.52%	0.331%
64	12.992	1698	1701	1705	rBV2	190764	240424	9.20%	0.321%
65	13.033	1705	1708	1713	rVB3	172283	246613	9.44%	0.329%
66	13.245	1739	1744	1752	rBV	296192	619571	23.72%	0.826%
67	13.380	1762	1767	1768	rBV	562220	780544	29.88%	1.041%
68	13.539	1788	1794	1799	rBV	839789	1529972	58.57%	2.040%
69	13.592	1799	1803	1809	rVV	739754	1220666	46.73%	1.627%
70	13.651	1809	1813	1815	rVV	365740	537356	20.57%	0.716%
71	13.680	1815	1818	1823	rVB2	764618	1049350	40.17%	1.399%

LSC Area Percent Report

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Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

72	13.780	1831	1835	1838	rBV	265191	412536	15.79%	0.550%
73	13.921	1855	1859	1862	rBV	221248	309603	11.85%	0.413%
74	14.033	1874	1878	1885	rVB6	141816	283700	10.86%	0.378%
75	14.227	1904	1911	1917	rVB3	1452313	2425608	92.85%	3.234%
76	14.439	1941	1947	1956	rVB2	295659	700375	26.81%	0.934%
77	14.621	1972	1978	1983	rBV3	339323	673815	25.79%	0.898%
78	14.704	1988	1992	1995	rBV	403622	557064	21.32%	0.743%
79	14.845	2011	2016	2022	rBV	300904	562705	21.54%	0.750%
80	14.904	2022	2026	2031	rVV	261198	379401	14.52%	0.506%
81	15.227	2078	2081	2086	rBV	307340	395905	15.15%	0.528%
82	15.474	2117	2123	2133	rVB2	524518	1116881	42.75%	1.489%
83	15.568	2134	2139	2147	rVB5	155835	412662	15.80%	0.550%
84	15.804	2175	2179	2185	rVB4	147013	273361	10.46%	0.364%
85	15.951	2199	2204	2210	rBV2	1064880	1520866	58.22%	2.028%
86	16.274	2255	2259	2262	rBV3	142618	258557	9.90%	0.345%
87	16.339	2267	2270	2276	rVB4	177002	247452	9.47%	0.330%
88	16.774	2340	2344	2348	rBV	534746	686512	26.28%	0.915%
89	16.992	2375	2381	2385	rBV2	1811901	2589295	99.12%	3.452%
90	17.033	2385	2388	2393	rVB	172083	234508	8.98%	0.313%
91	17.092	2393	2398	2405	rVB2	473159	740178	28.33%	0.987%
92	17.386	2444	2448	2454	rBV5	170778	288130	11.03%	0.384%
93	17.868	2526	2530	2534	rBV3	164948	308167	11.80%	0.411%
94	17.915	2535	2538	2544	rVB	169855	227844	8.72%	0.304%
95	18.792	2683	2687	2692	rBV	162604	255628	9.79%	0.341%
96	19.398	2786	2790	2794	rBV	483284	643964	24.65%	0.859%
97	19.733	2844	2847	2850	rBV	244965	263983	10.10%	0.352%
98	19.768	2850	2853	2859	rVB	423719	502016	19.22%	0.669%
99	21.197	3092	3096	3102	rBV	2008131	2408804	92.21%	3.211%
100	23.403	3465	3471	3481	rVB	1158474	2246002	85.97%	2.994%

Sum of corrected areas: 75009540

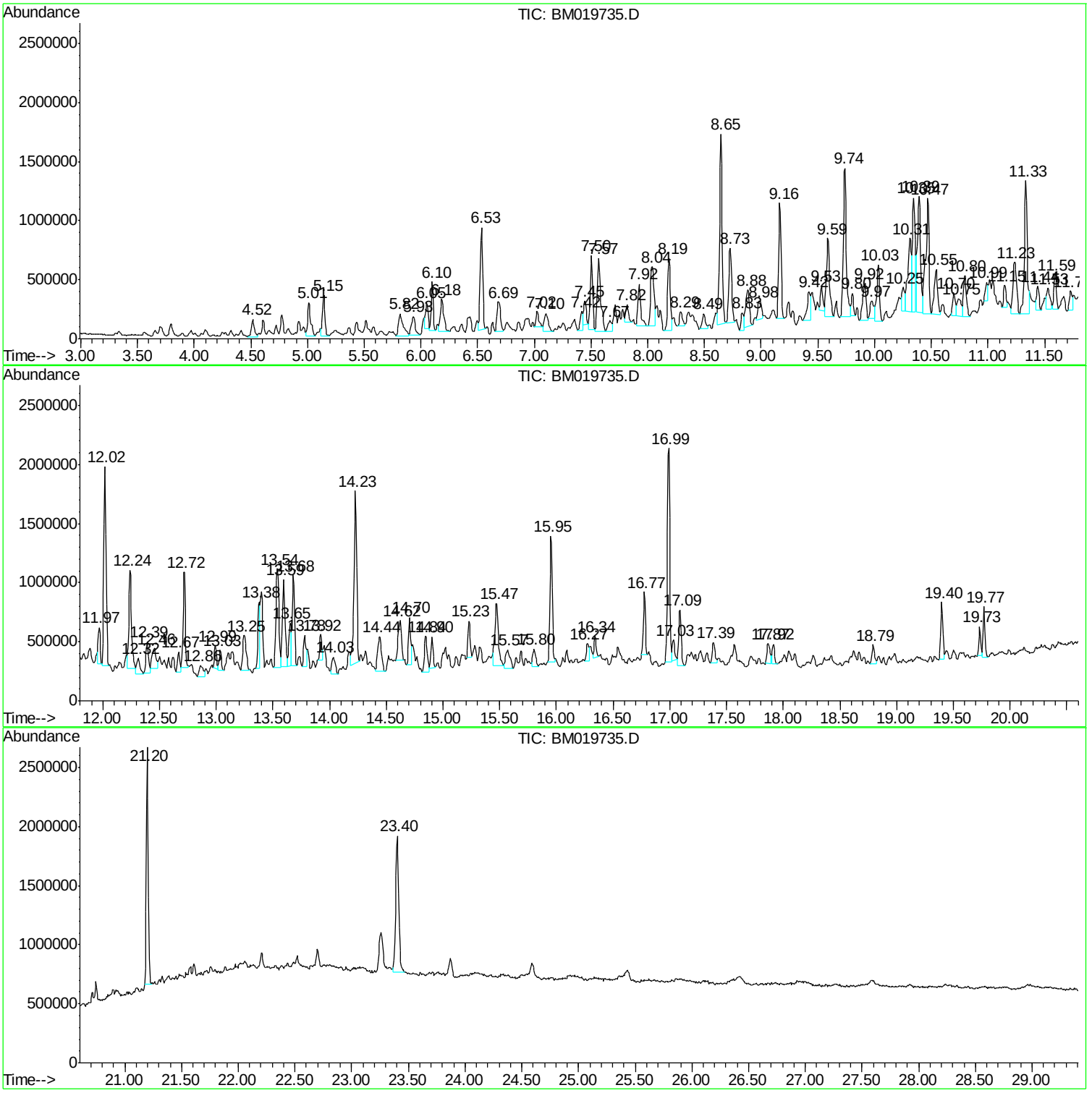
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

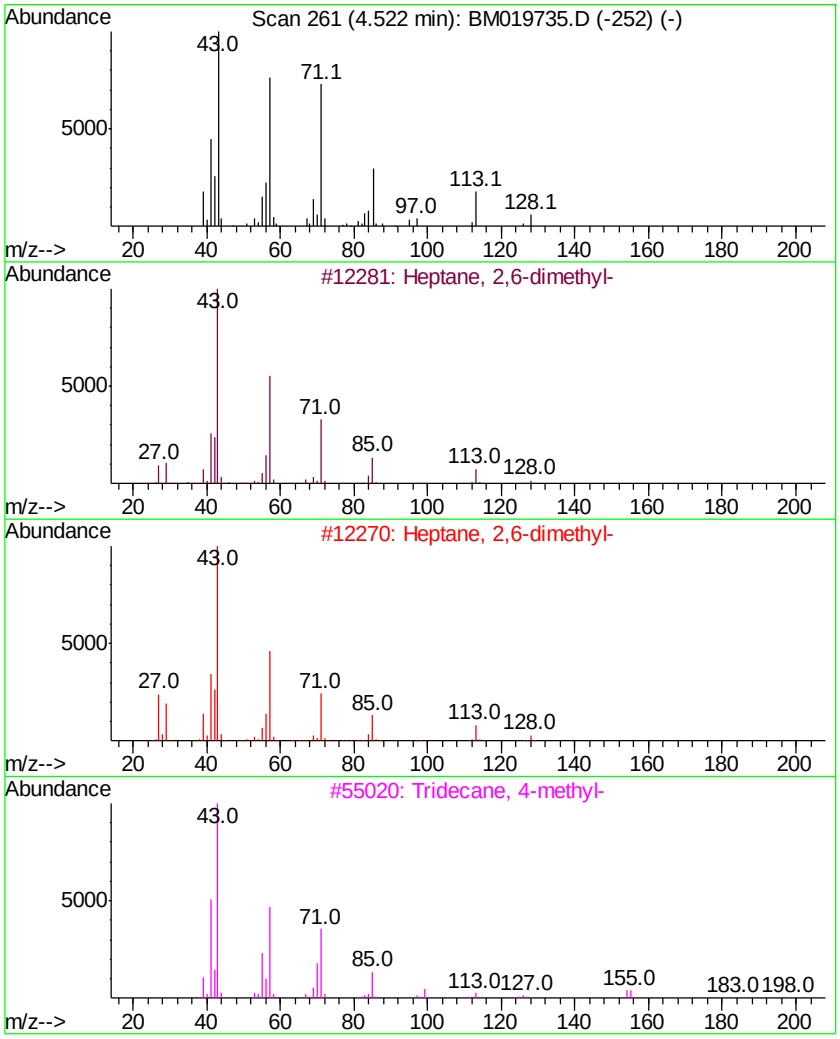
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

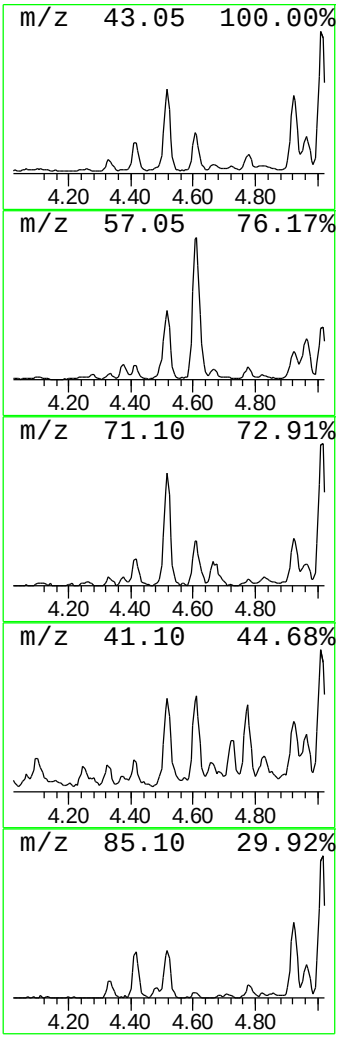
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	3.85 ng/ul	260491	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

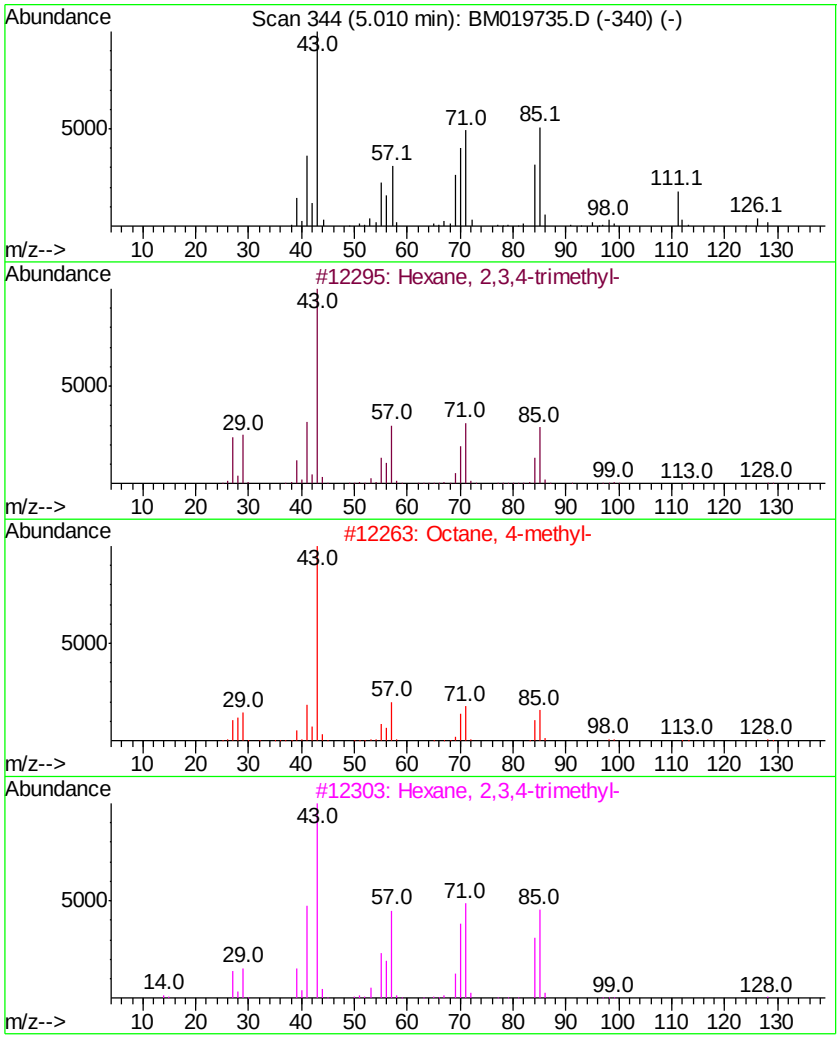
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

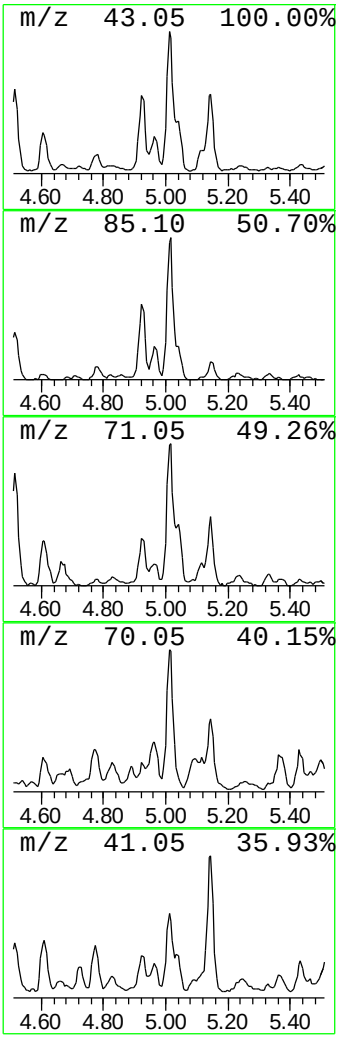
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	7.69 ng/ul	519650	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
2	Octane, 4-methyl-	128	C9H20	002216-34-4	64
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	50
5	Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

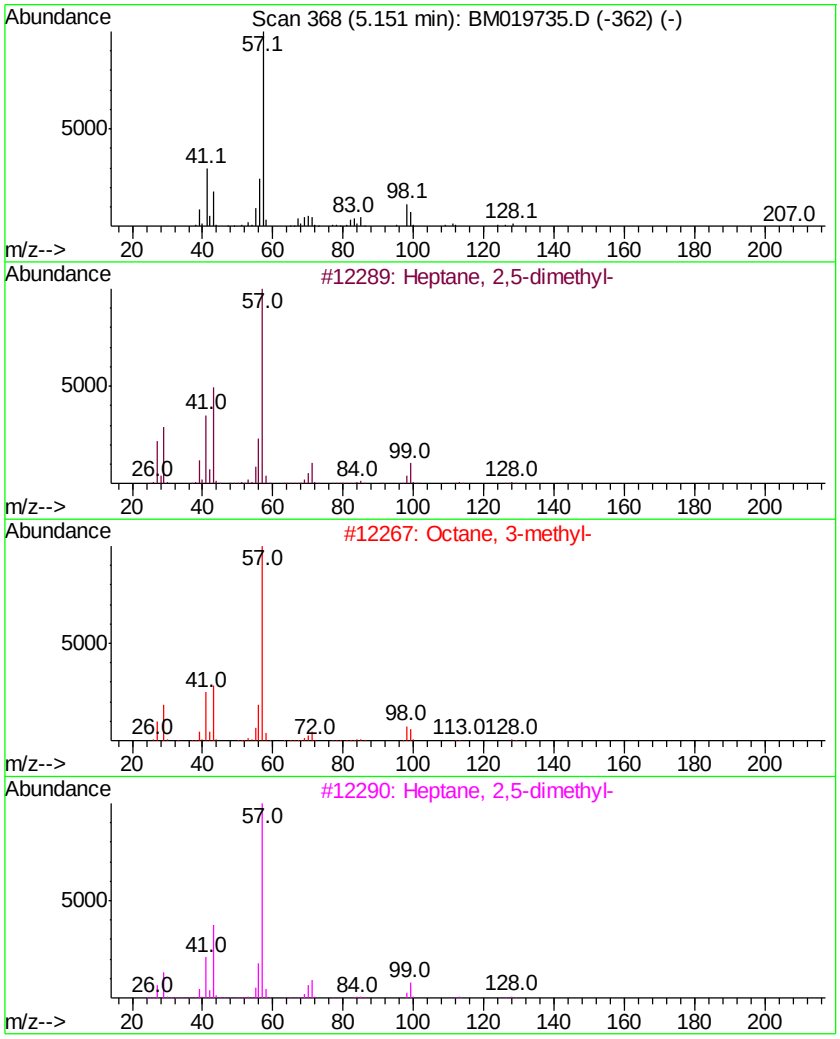
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

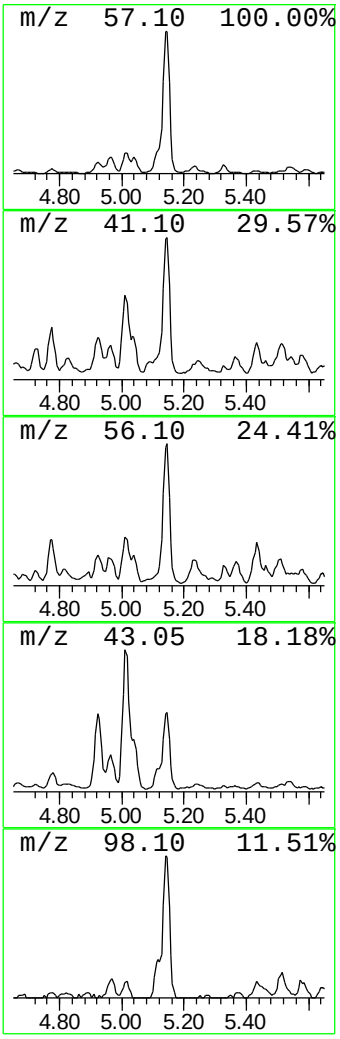
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	7.61 ng/ul	514443	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
2	Octane, 3-methyl-	128	C9H20	002216-33-3	78
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
4	Octane, 3-methyl-	128	C9H20	002216-33-3	64
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

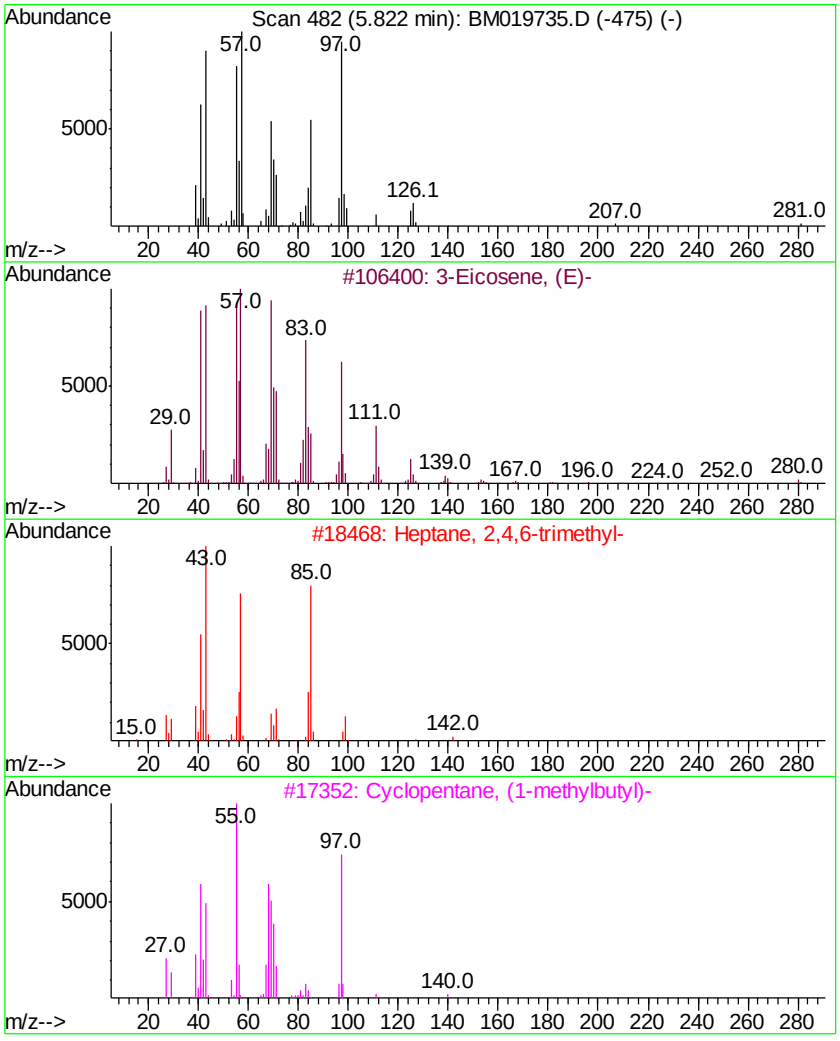
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

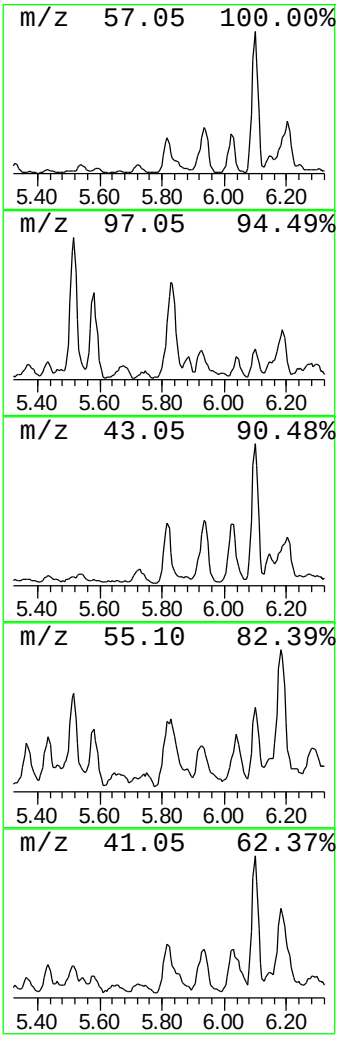
****

Peak Number 4 (DEL) Alkane: Cyclic5.82 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	7.49 ng/ul	506355	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	53
2	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	43
3	Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	38
4	4,4-Dimethyl octane	142	C10H22	015869-95-1	38
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

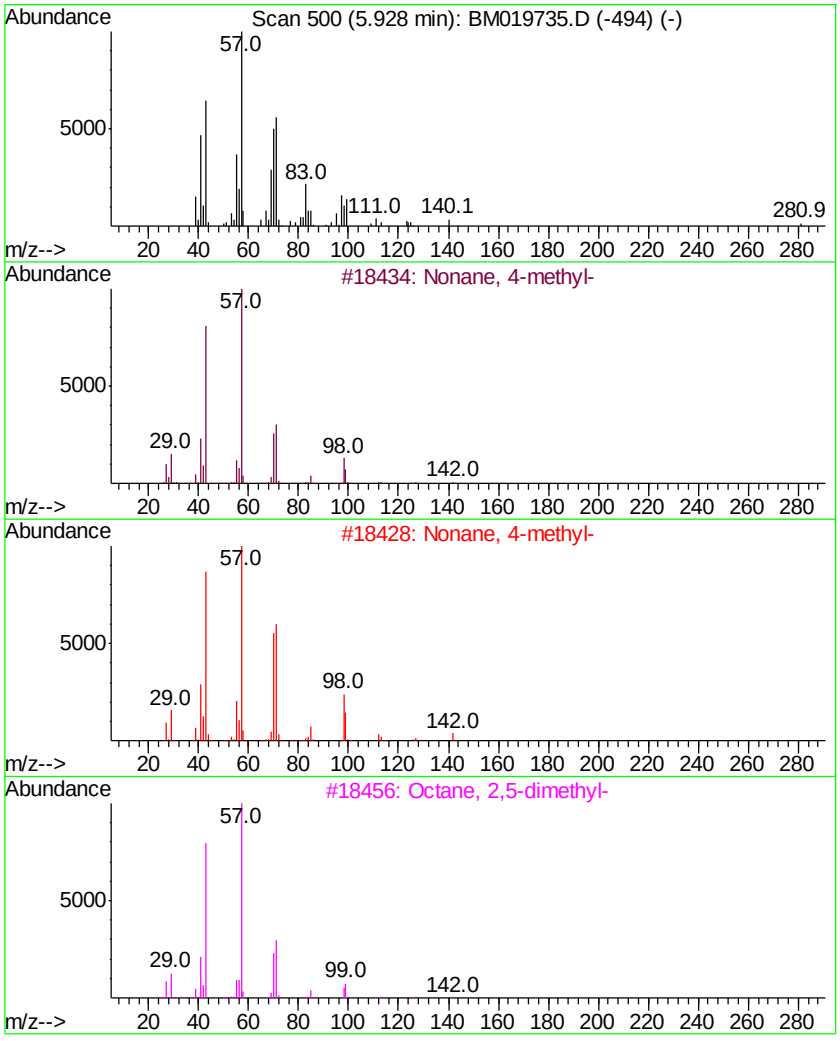
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

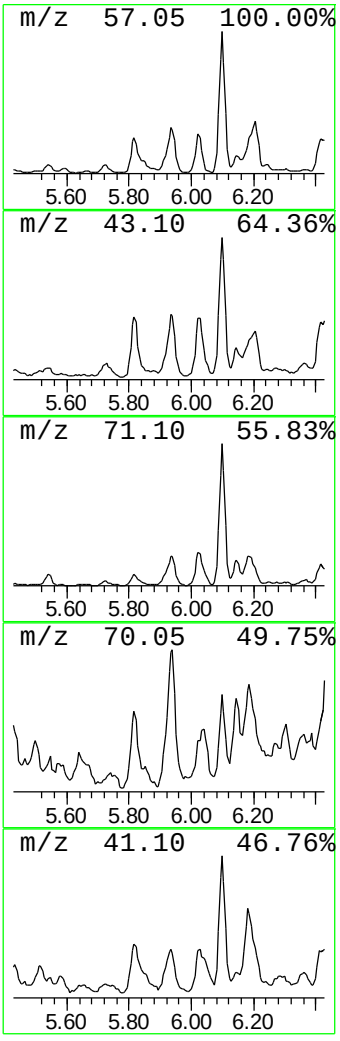
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	5.31 ng/ul	358982	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	62
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59





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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

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Quant Title : SVOA CALIBRATION

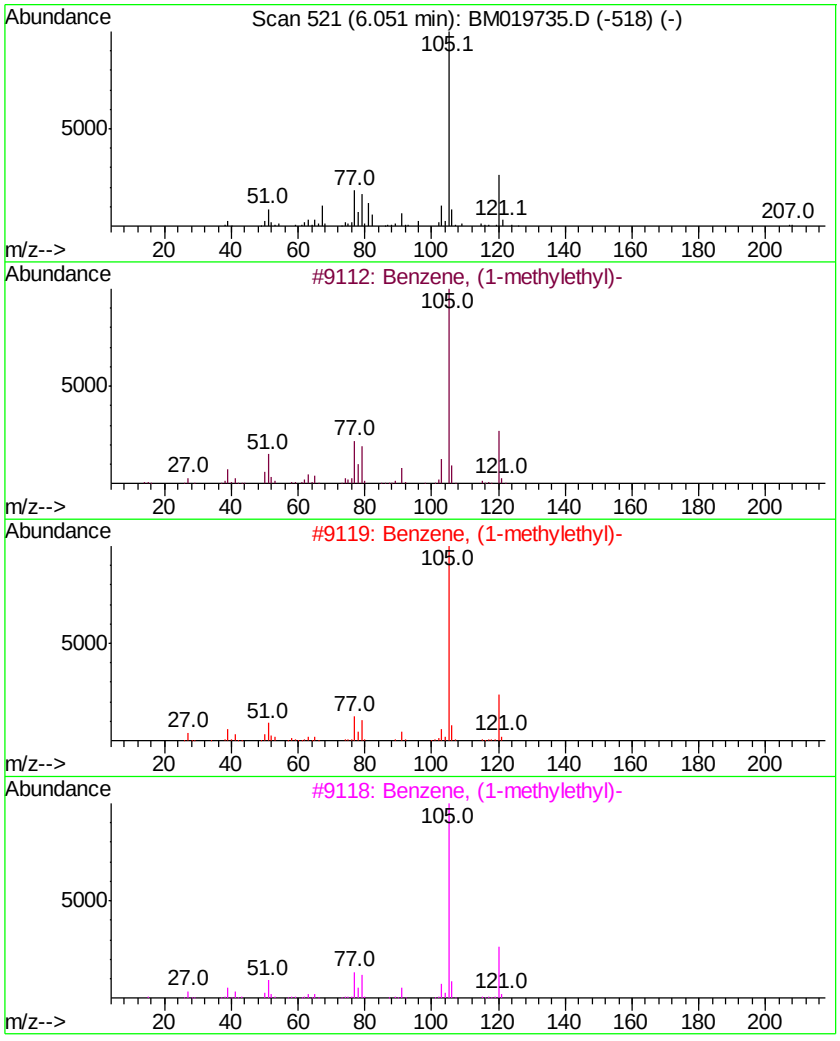
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

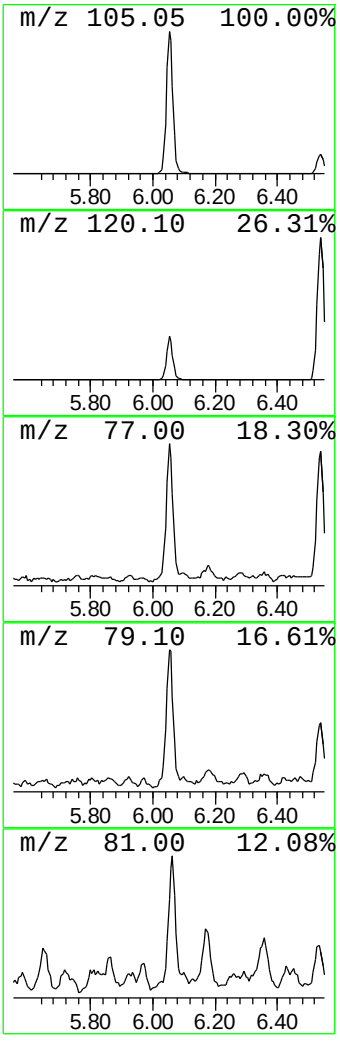
****

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	4.68 ng/ul	316577	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	89
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	76
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	76
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	68
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	68





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Sample : K2168-19DL 5X
Misc :
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Instrument : BNA_M
ClientSampleId : BF641DL

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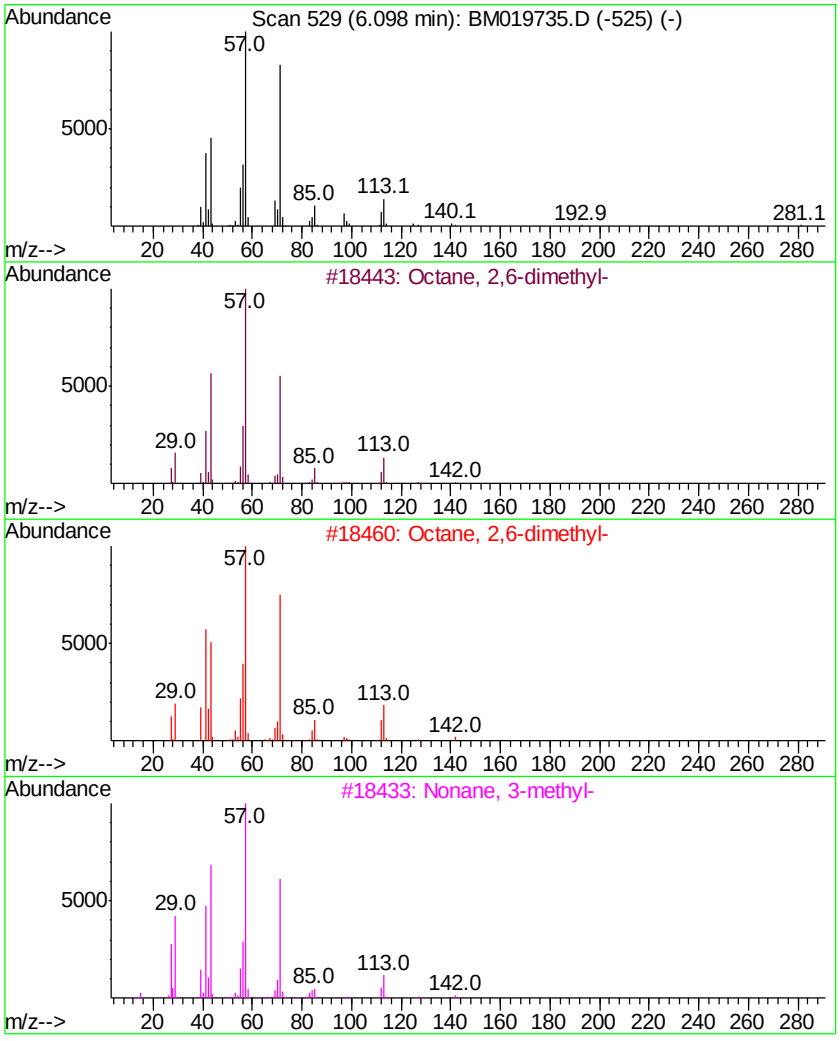
Quant Title : SVOA CALIBRATION

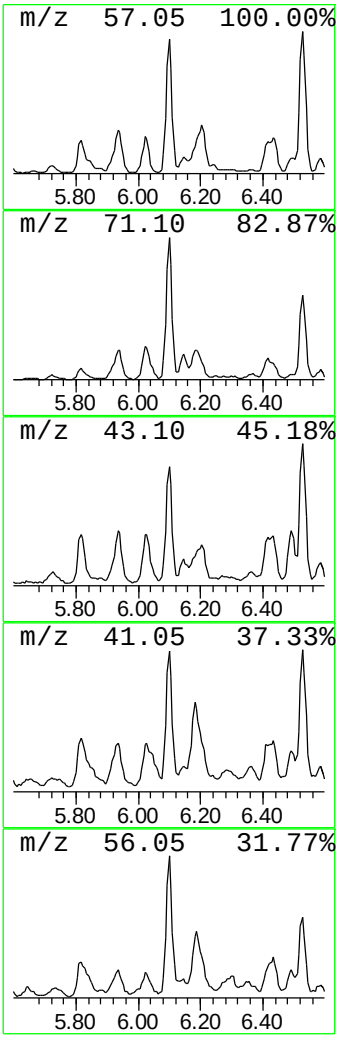
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	7.65 ng/ul	516660	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72





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Sample : K2168-19DL 5X
Misc :
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Instrument : BNA_M
ClientSampleId : BF641DL

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Quant Title : SVOA CALIBRATION

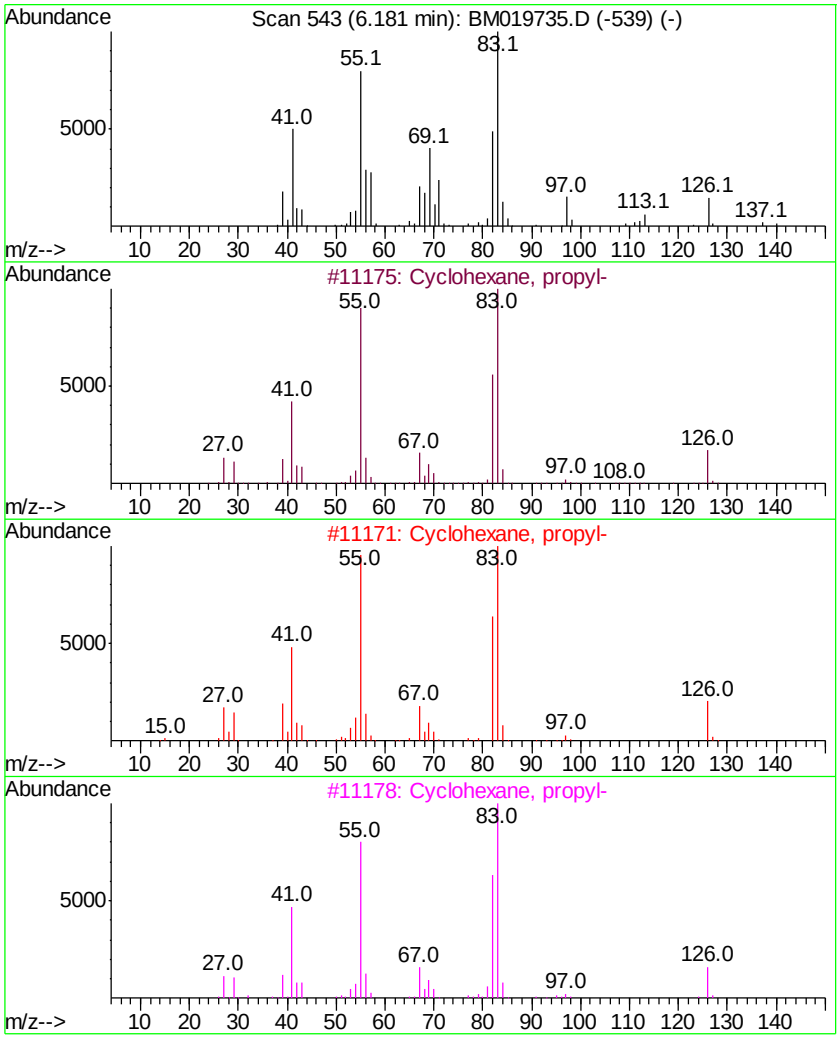
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

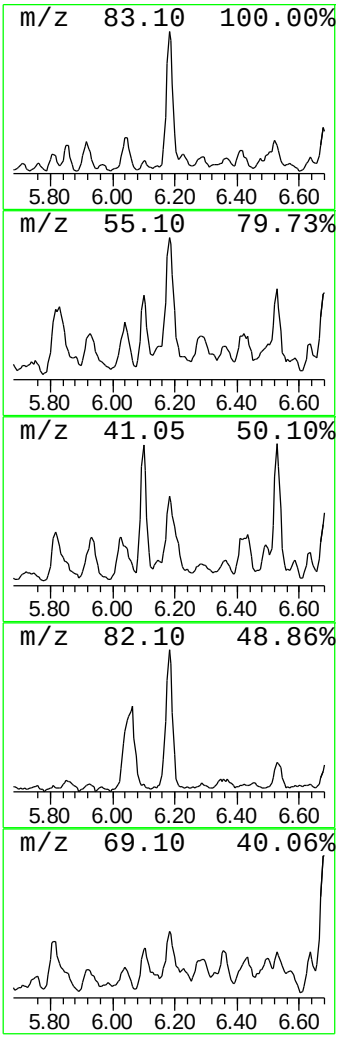
****

Peak Number 8 (DEL) Alkane: Cyclic6.18 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	8.74 ng/ul	590599	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	59





Library Search Compound Report

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Sample : K2168-19DL 5X
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Instrument : BNA_M
ClientSampleId : BF641DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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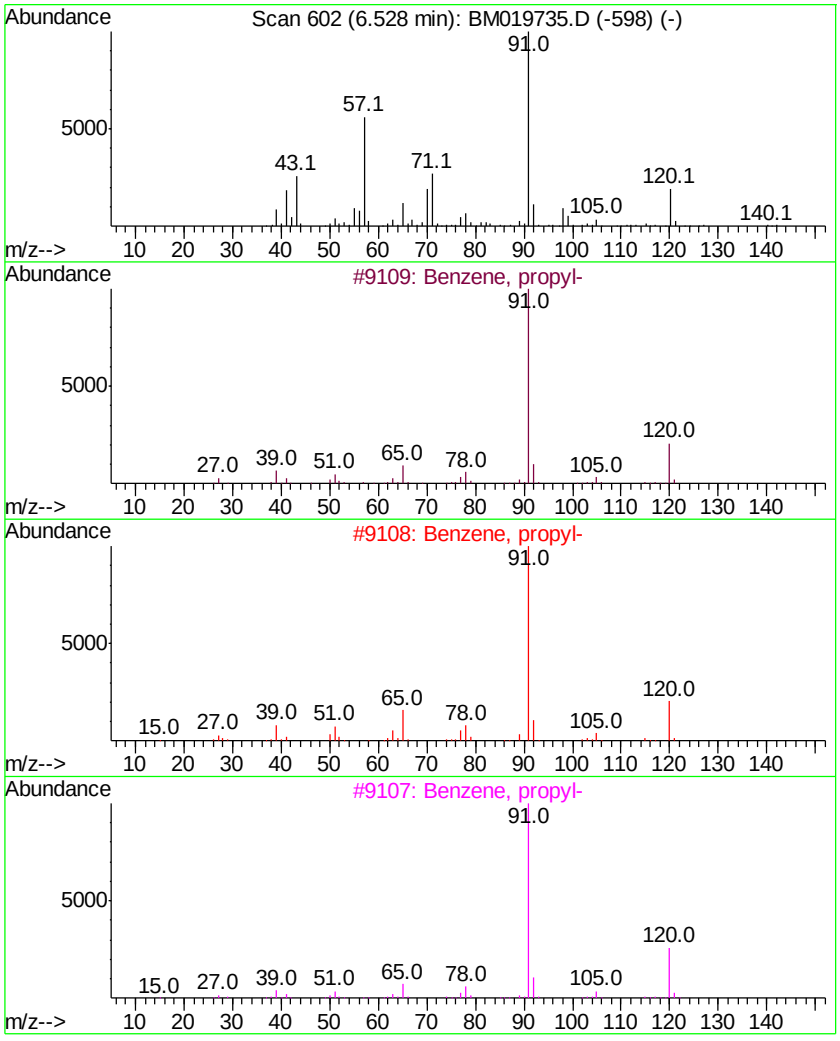
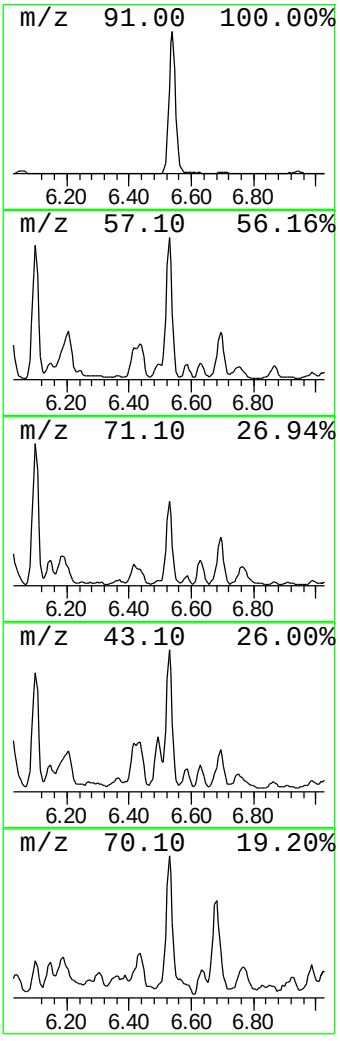
Peak Number 9 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	20.35 ng/ul	1375390	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	70
2	Benzene, propyl-	120	C9H12	000103-65-1	70
3	Benzene, propyl-	120	C9H12	000103-65-1	62
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	53
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	50





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Instrument : BNA_M
ClientSampleId : BF641DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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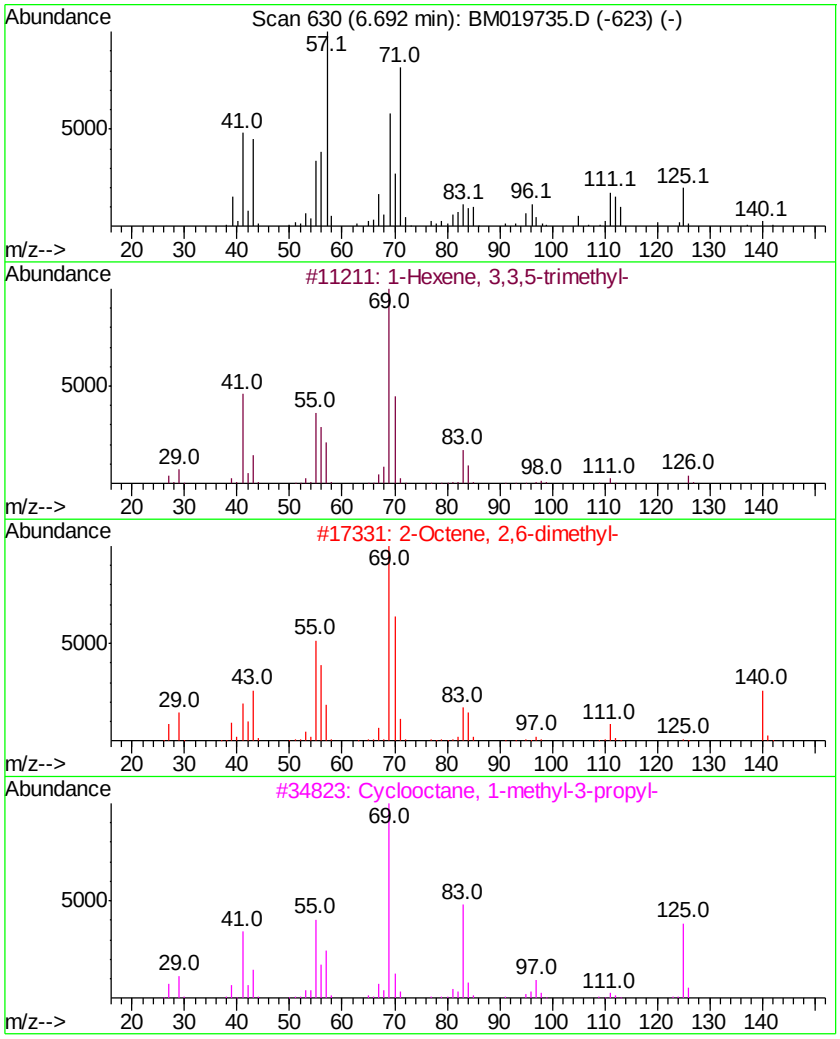
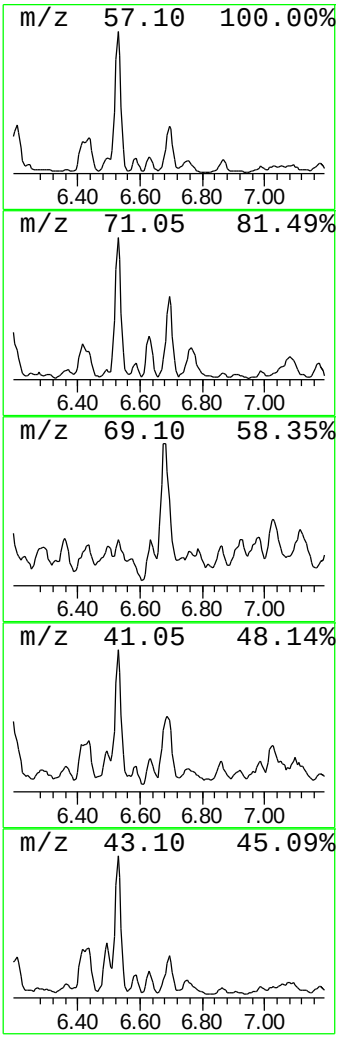
Peak Number 10 (DEL) Alkane: Cyclic6.69 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	7.86 ng/ul	531162	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	38
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	35
3	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	35
4	3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	30
5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	30





Library Search Compound Report

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Sample : K2168-19DL 5X
Misc :
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Instrument : BNA_M
ClientSampleId : BF641DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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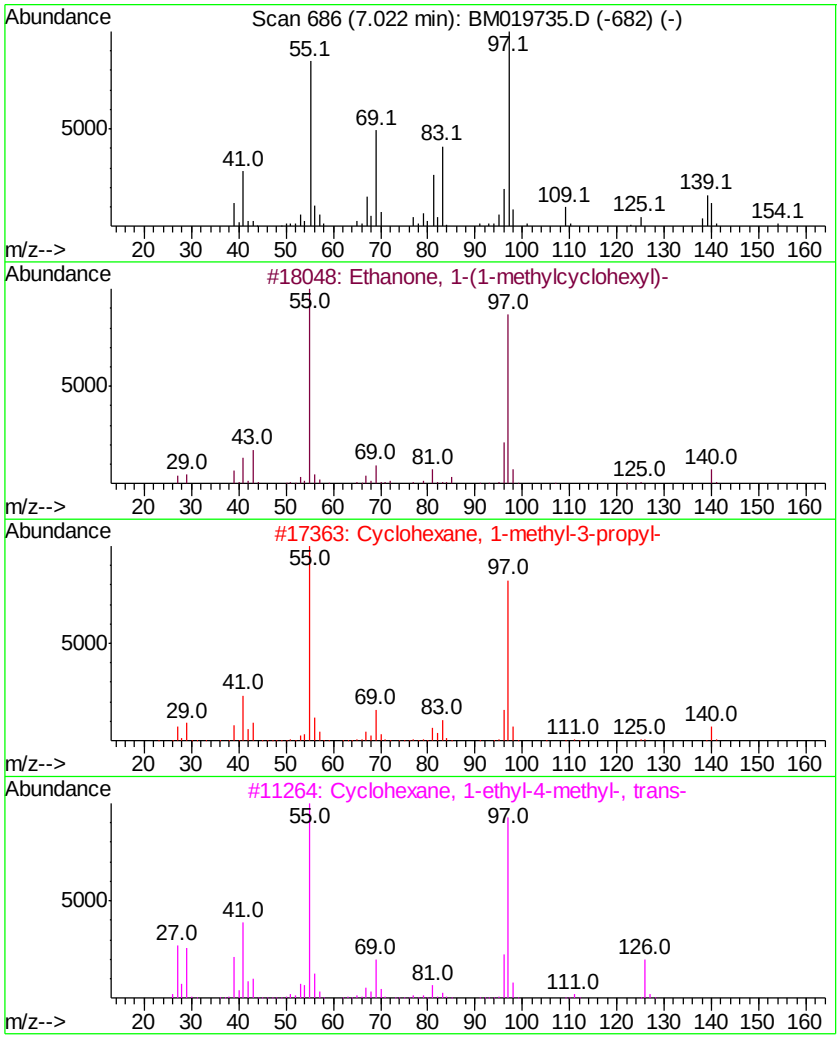
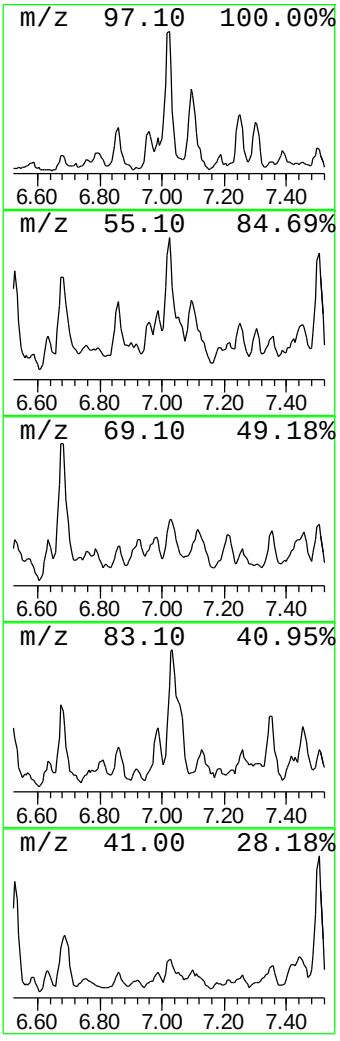
Peak Number 11 Ethanone, 1-(1-methylcycloh... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	3.57 ng/ul	241383	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	50
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	47
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	47
4	cis-1-Ethyl-3-methylcyclohexane	126	C9H18	019489-10-2	47
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46





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Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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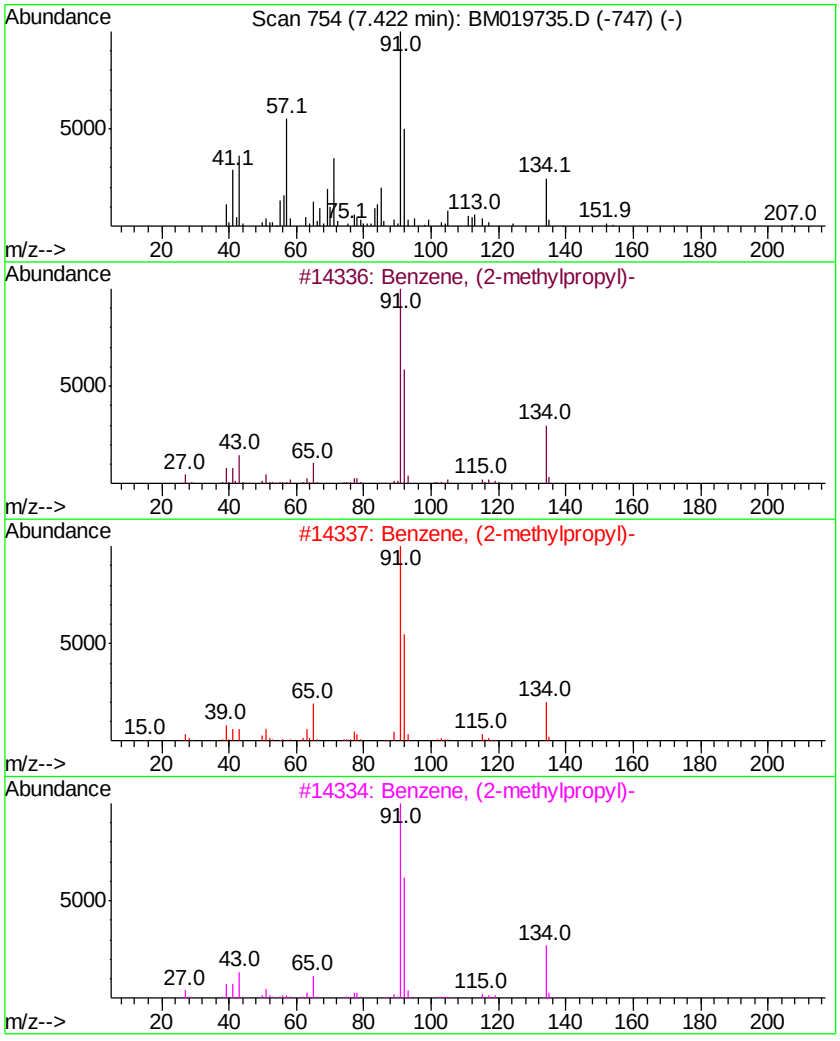
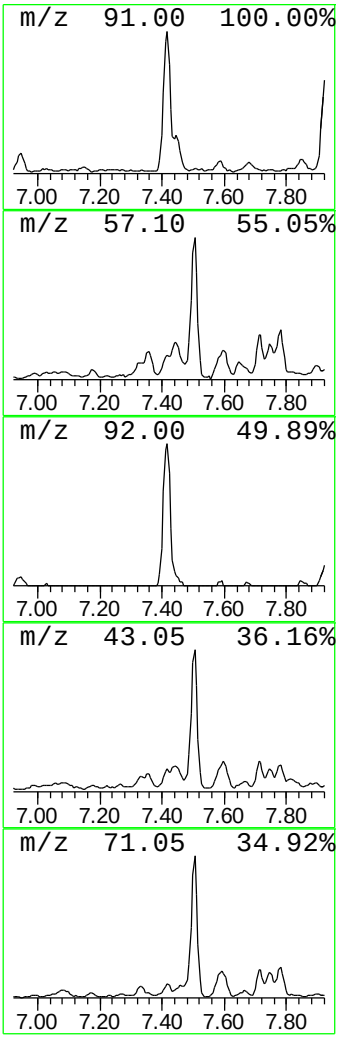
Peak Number 12 Benzene, (2-methylpropyl)- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	3.81 ng/ul	257519	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	55
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	50
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	49
4	Benzene, butyl-	134	C10H14	000104-51-8	46
5	Benzene, butyl-	134	C10H14	000104-51-8	46





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Misc :
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Instrument : BNA_M
ClientSampleId : BF641DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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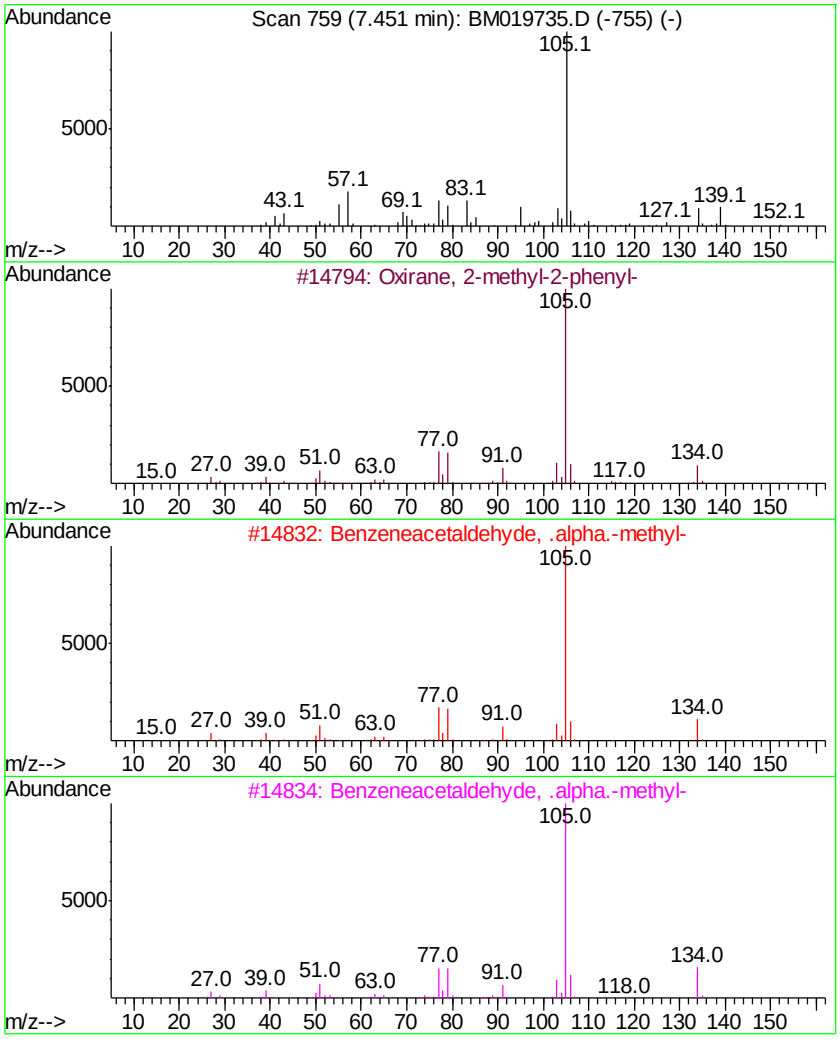
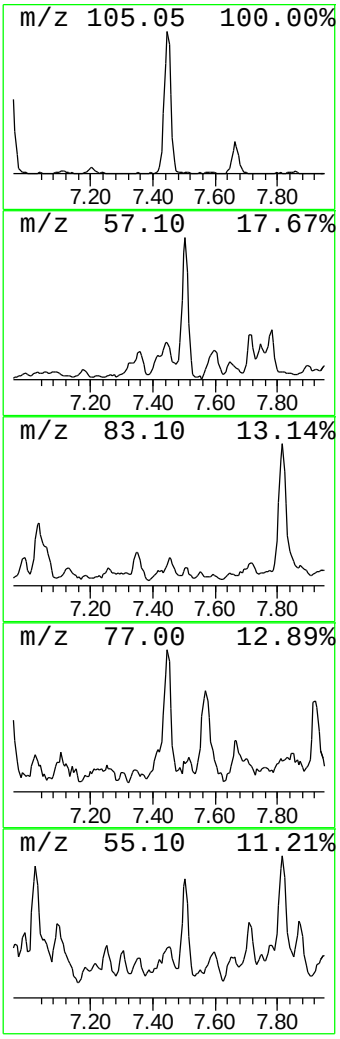
Peak Number 13 Oxirane, 2-methyl-2-phenyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	4.44 ng/ul	300243	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	53
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	47
5	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	46





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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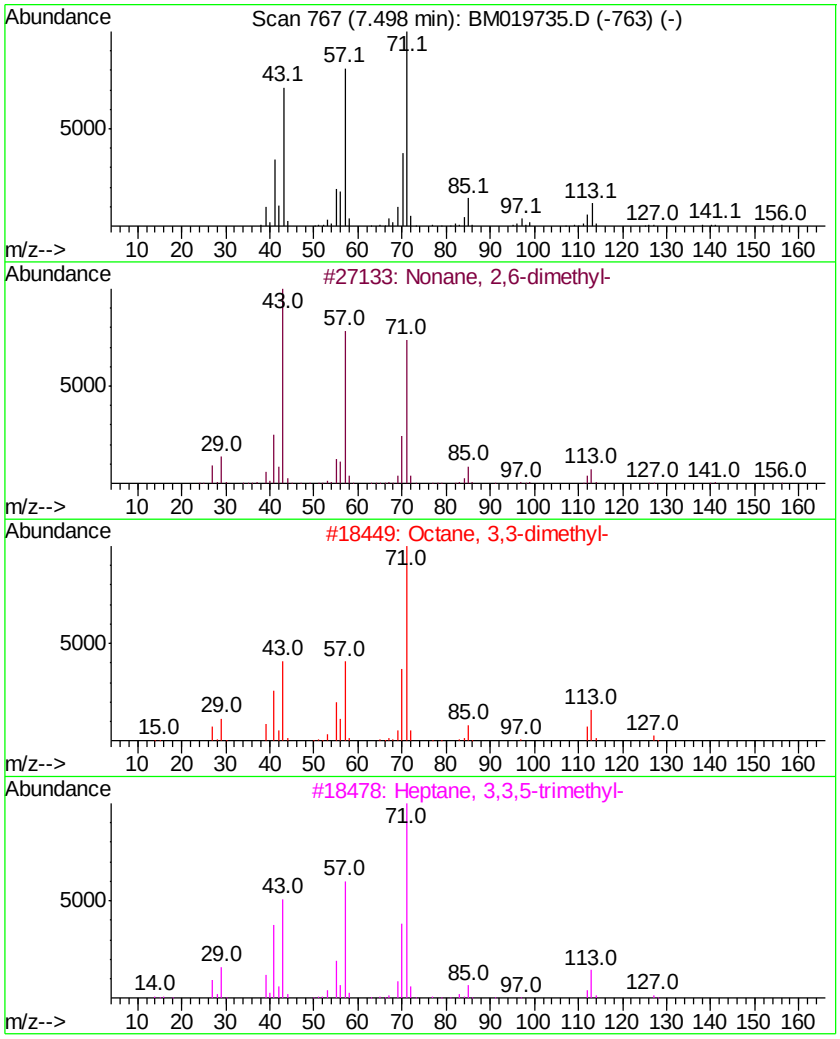
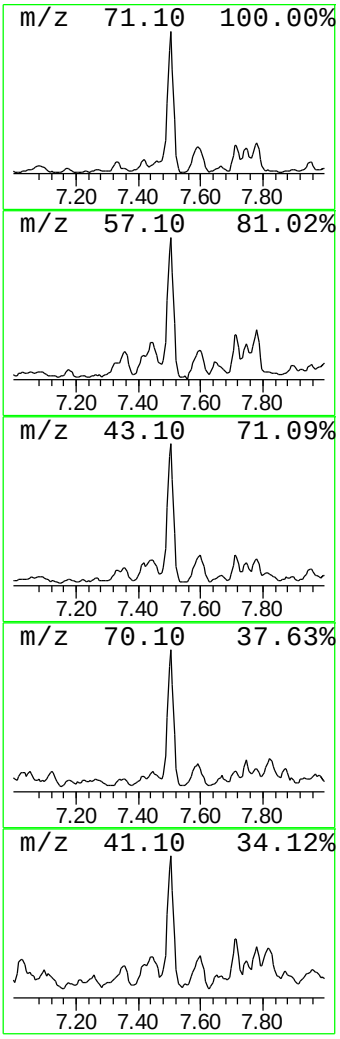
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	13.26 ng/ul	896113	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	91
2	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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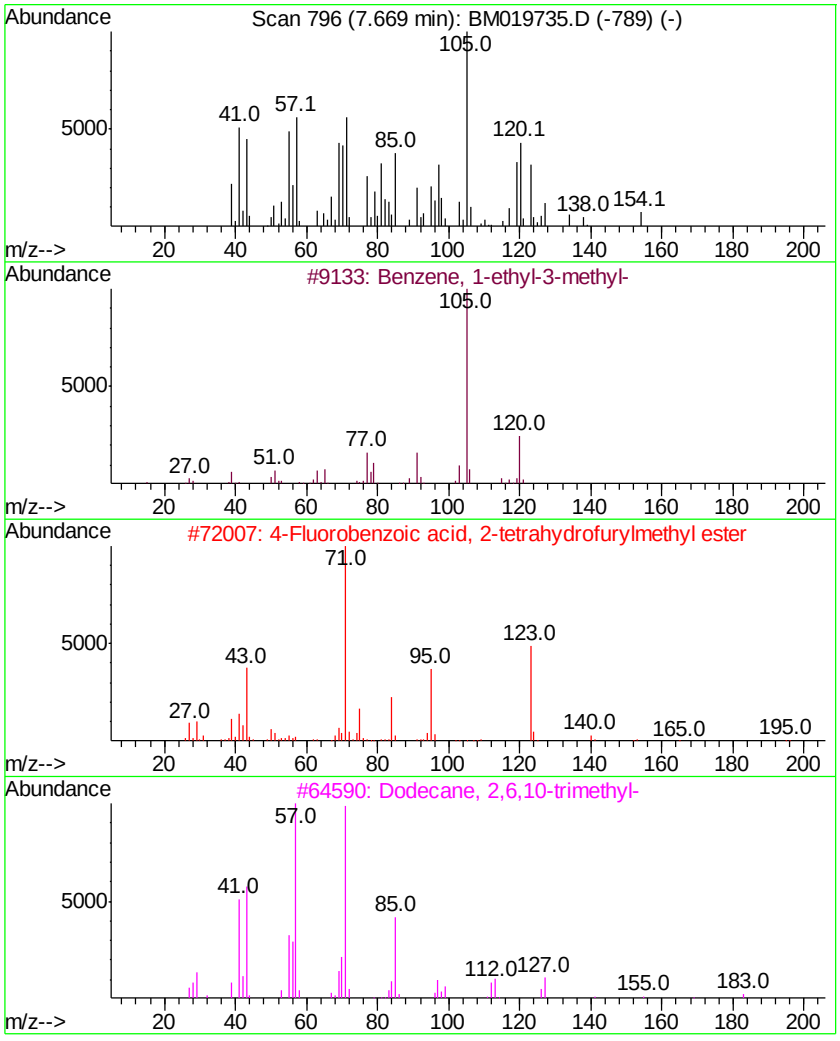
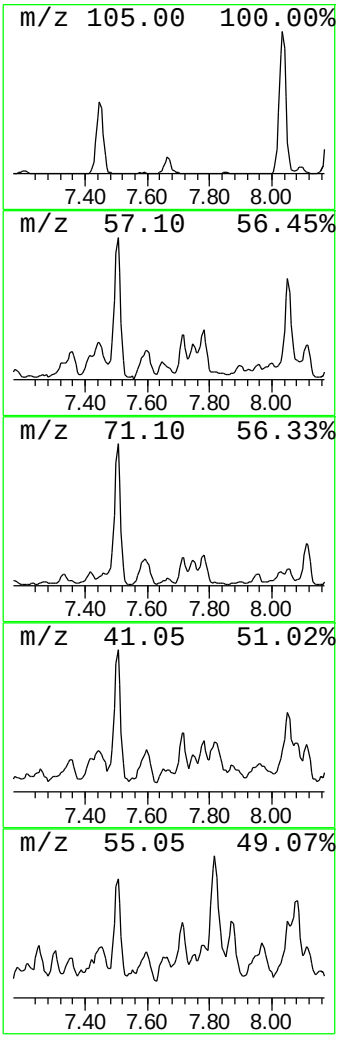
Peak Number 15 unknown-01 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	3.35 ng/ul	226392	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	25
2	4-Fluorobenzoic acid, 2-tetrahyd...	224	C12H13FO3	1000279-07-0	22
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	22
4	2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	15
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	15





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Sample : K2168-19DL 5X
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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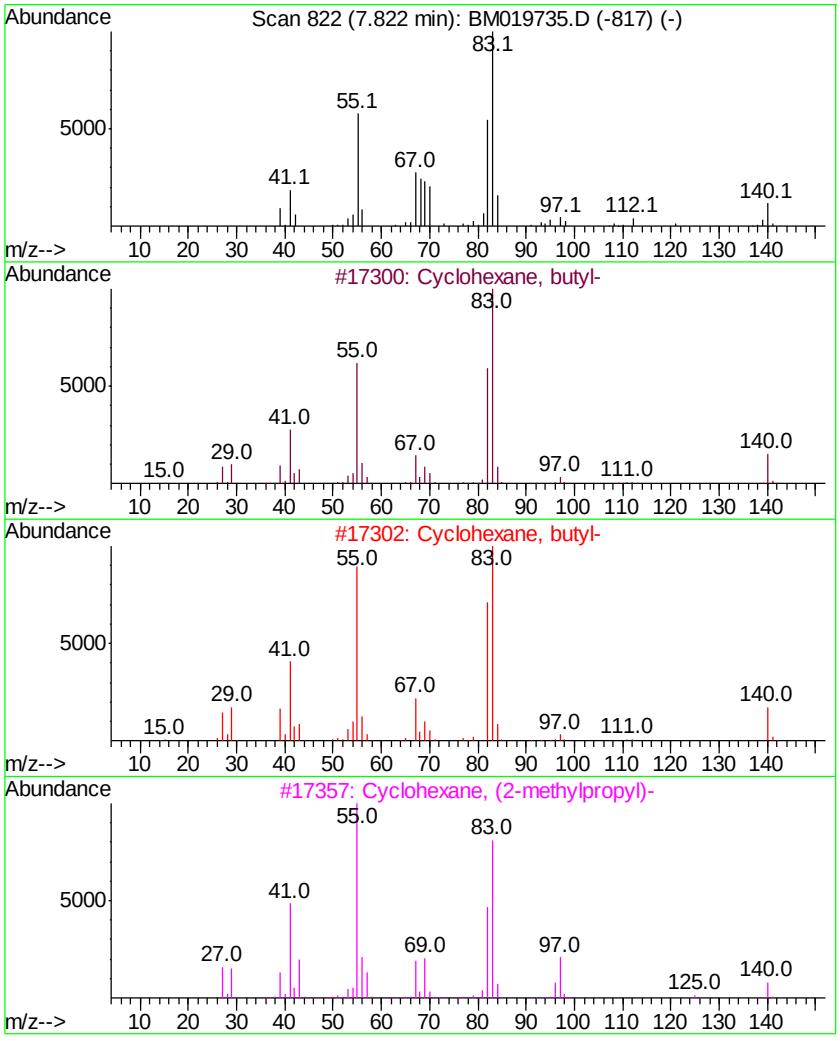
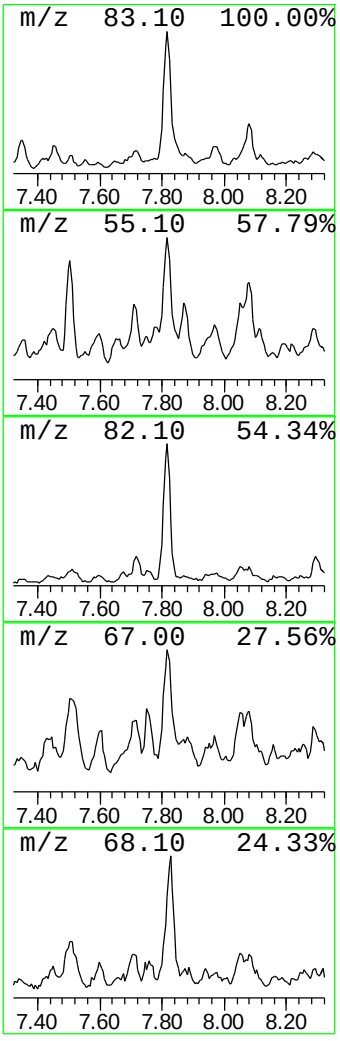
Peak Number 16 (DEL) Alkane: Cyclic7.82 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	3.77 ng/ul	254915	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	78
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64





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Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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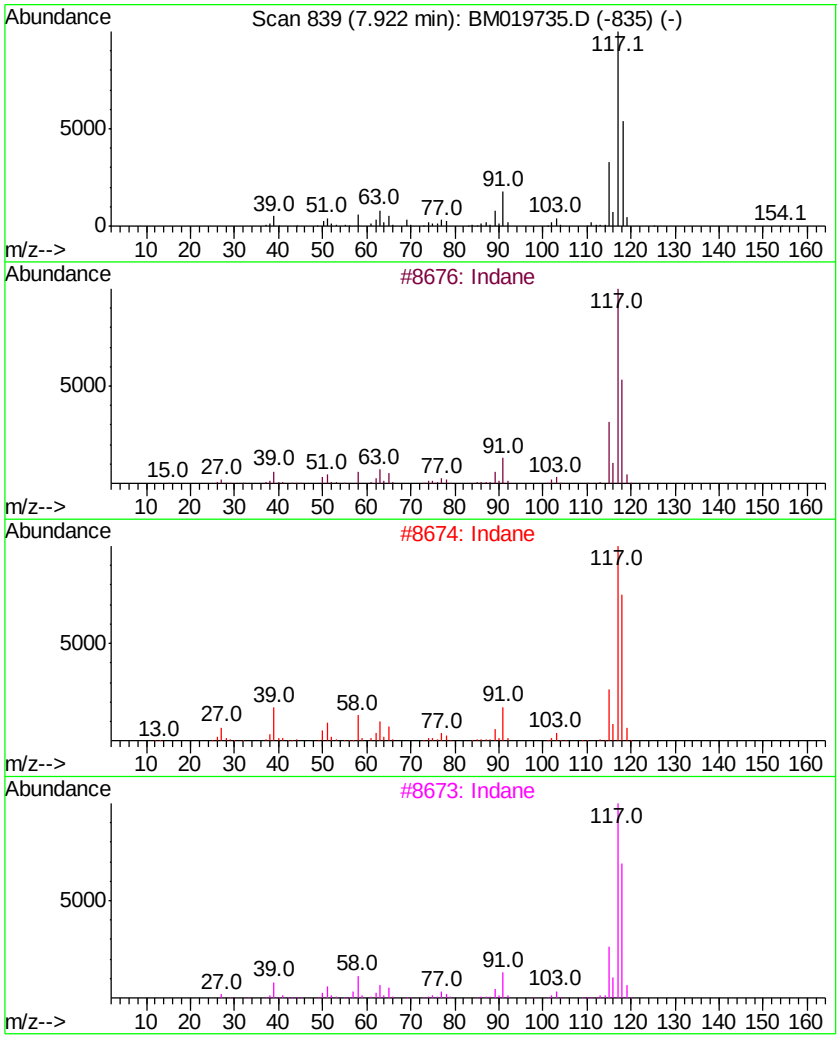
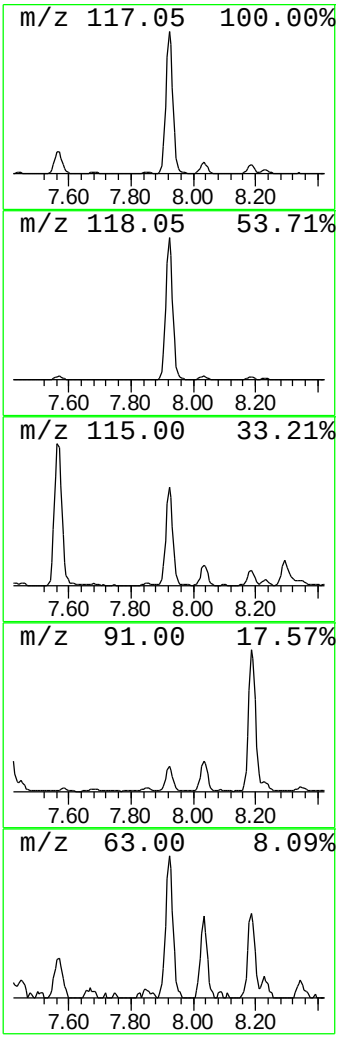
Peak Number 17 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	9.60 ng/ul	648646	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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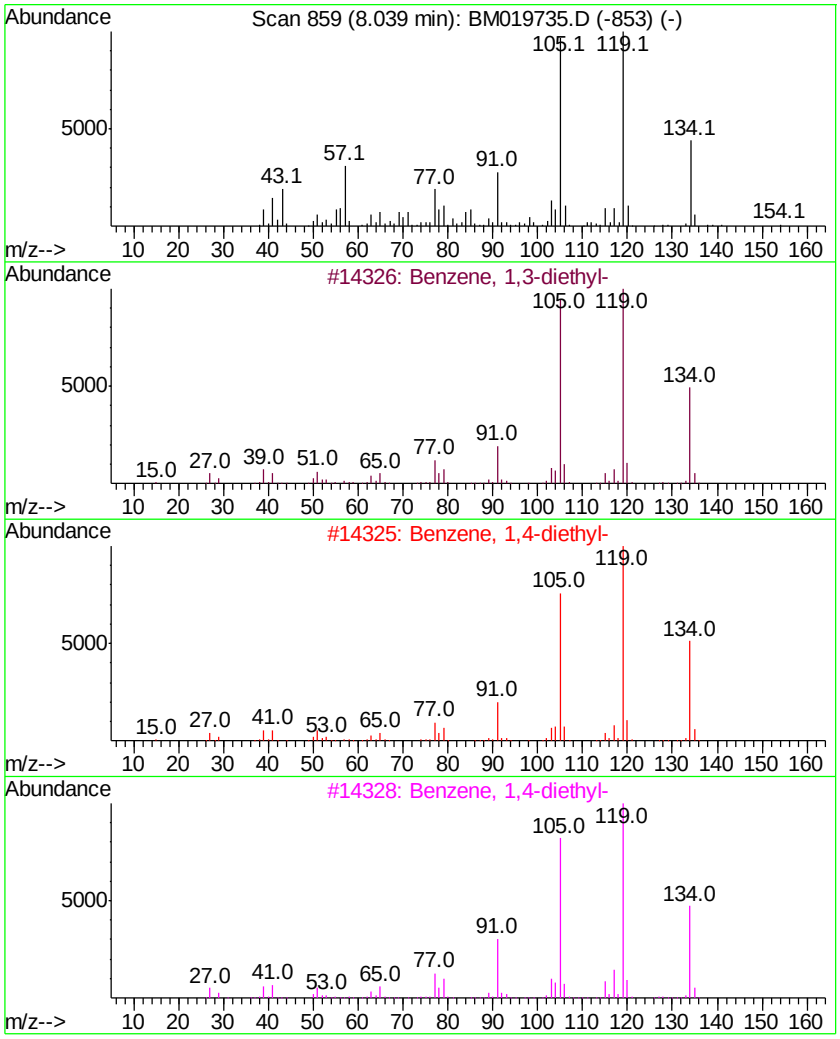
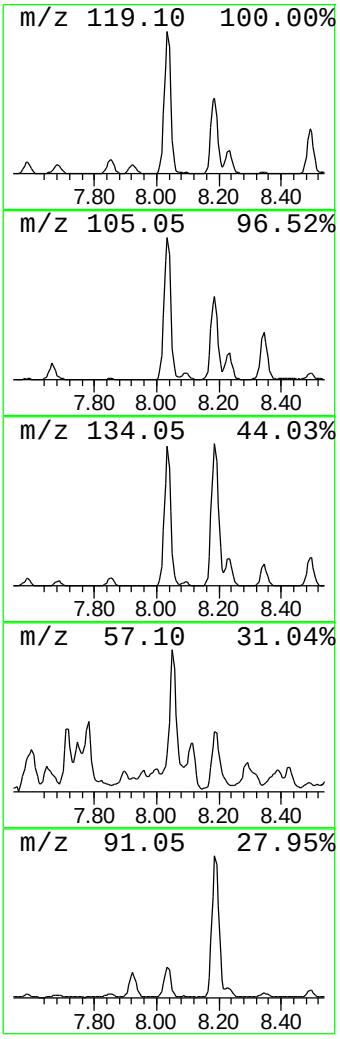
Peak Number 18 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	16.15 ng/ul	1091040	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94





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Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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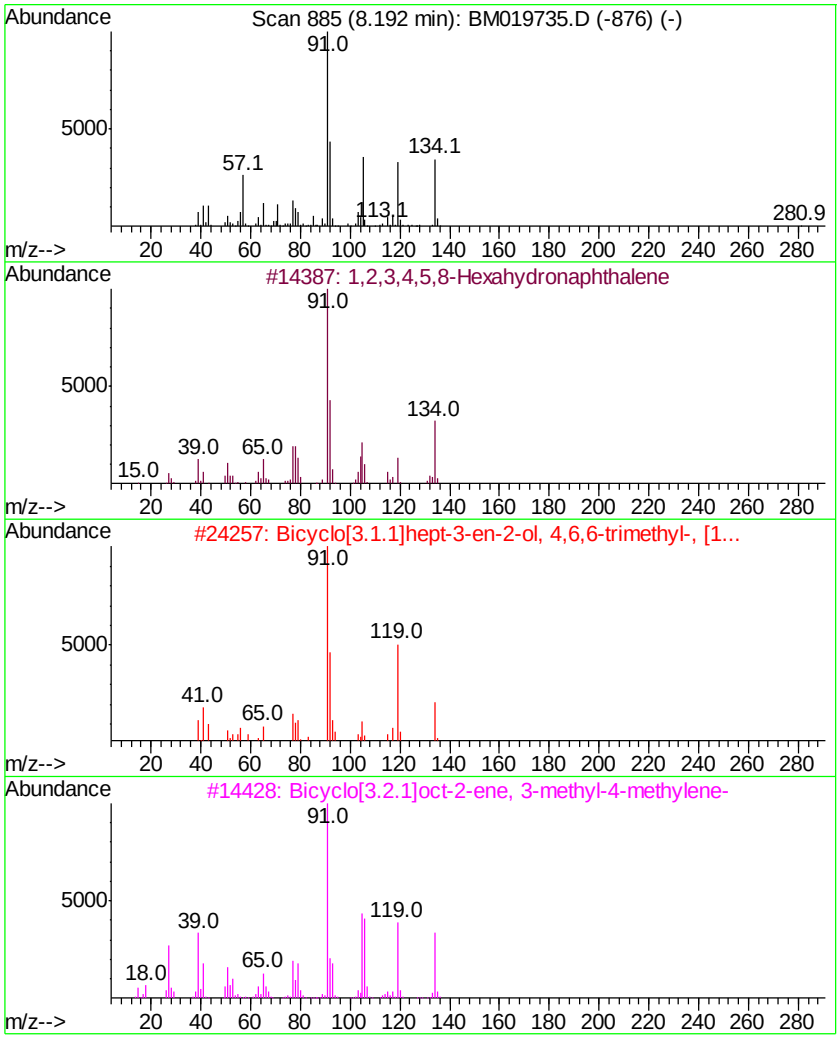
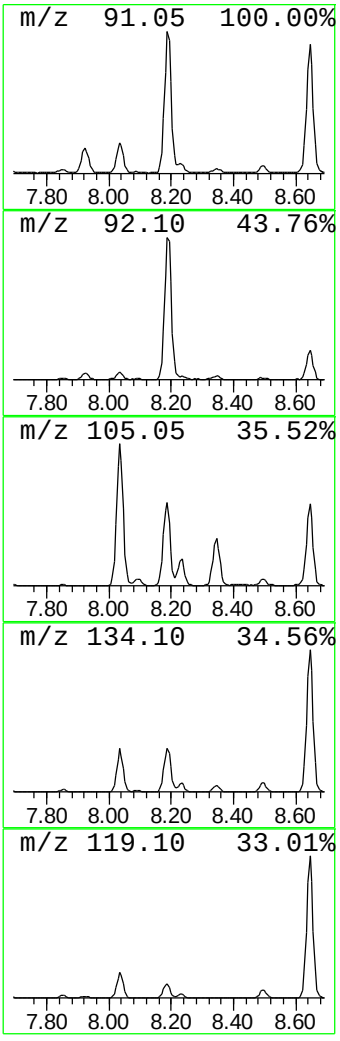
Peak Number 19 1,2,3,4,5,8-Hexahydronaphth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	15.02 ng/ul	1015120	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4,5,8-Hexahydronaphthalene	134	C10H14	036231-13-7	59
2	Bicyclo[3.1.1]hept-3-en-2-ol, 4,...	152	C10H16O	018881-04-4	59
3	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	58
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	55
5	Benzene, butyl-	134	C10H14	000104-51-8	47





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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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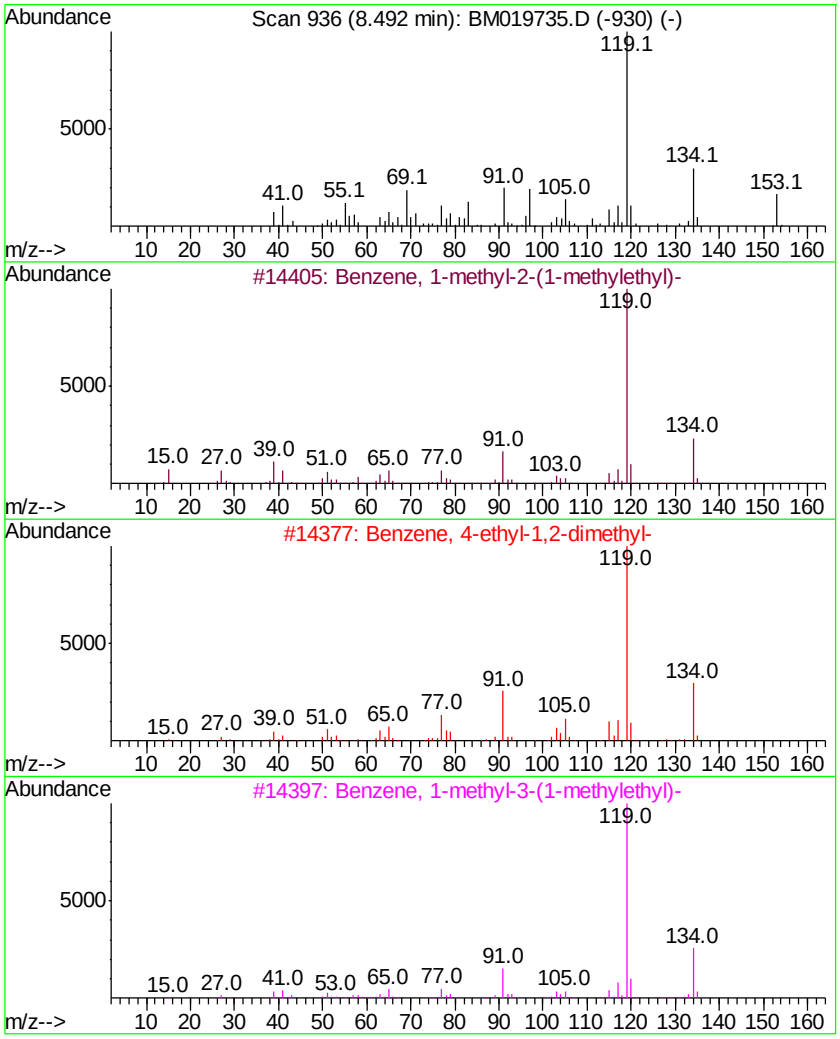
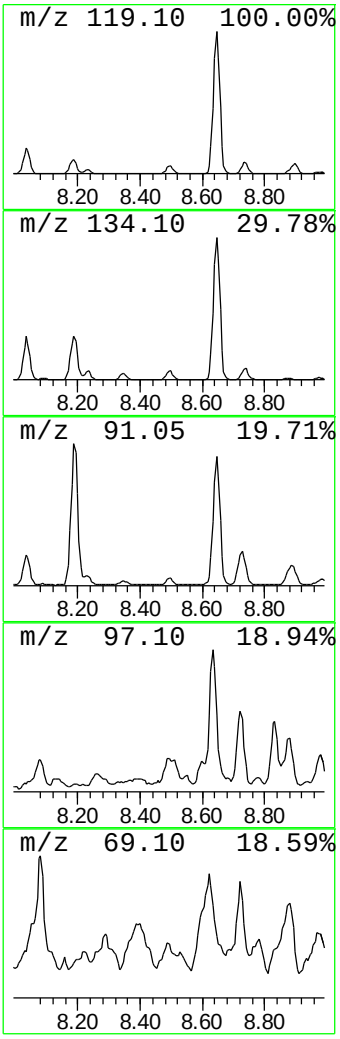
Peak Number 20 Benzene, 1-methyl-2-(1-meth... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	3.92 ng/ul	265004	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





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Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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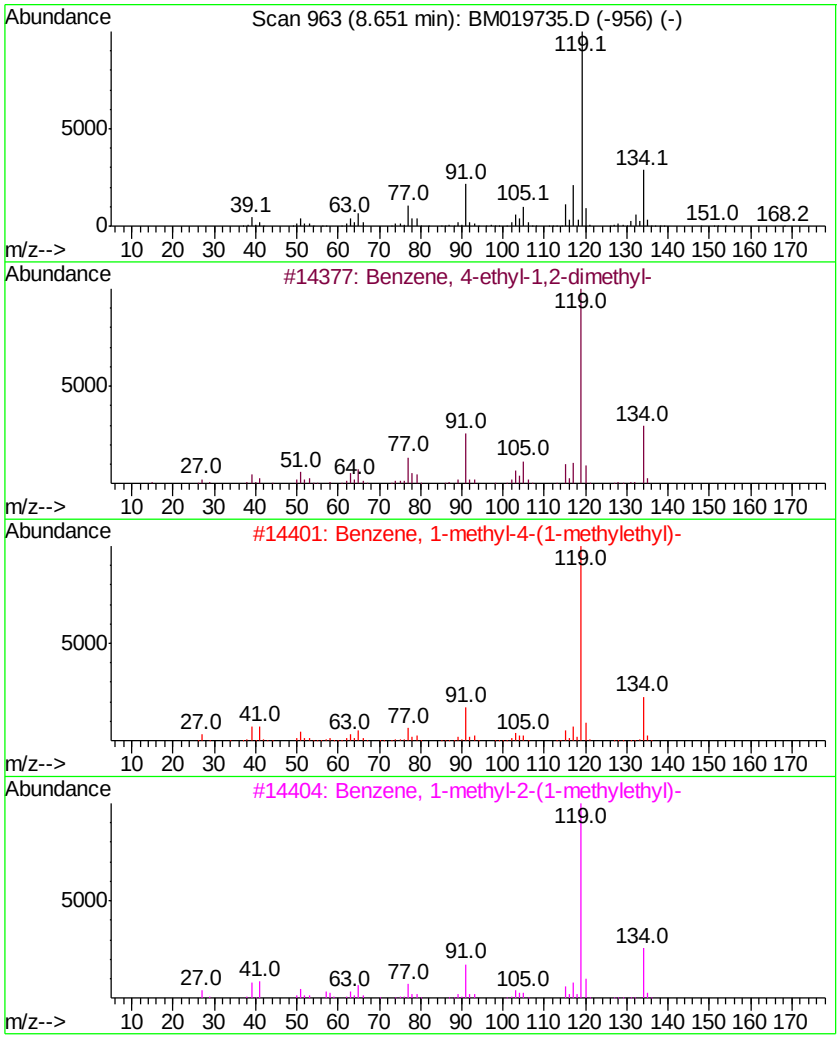
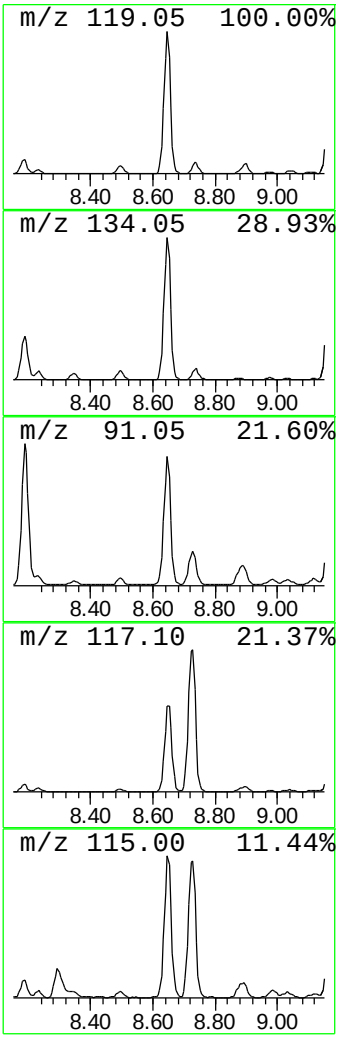
Peak Number 21 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	38.66 ng/ul	2612410	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93





Library Search Compound Report

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Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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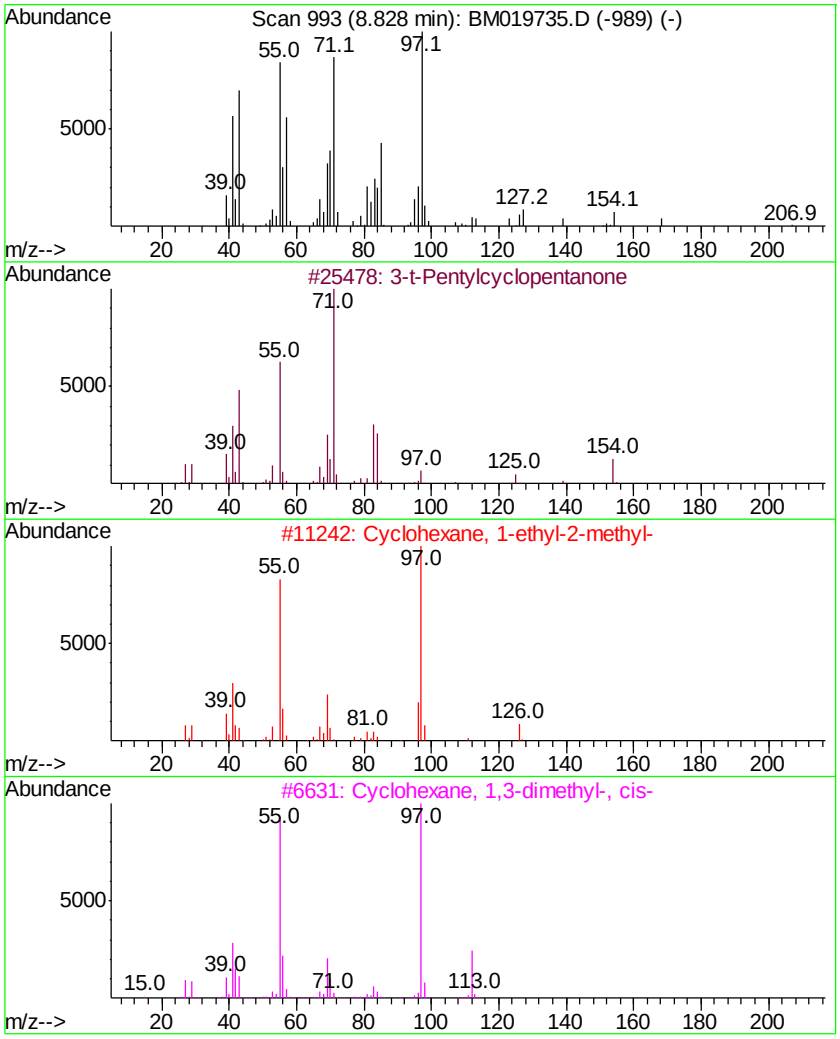
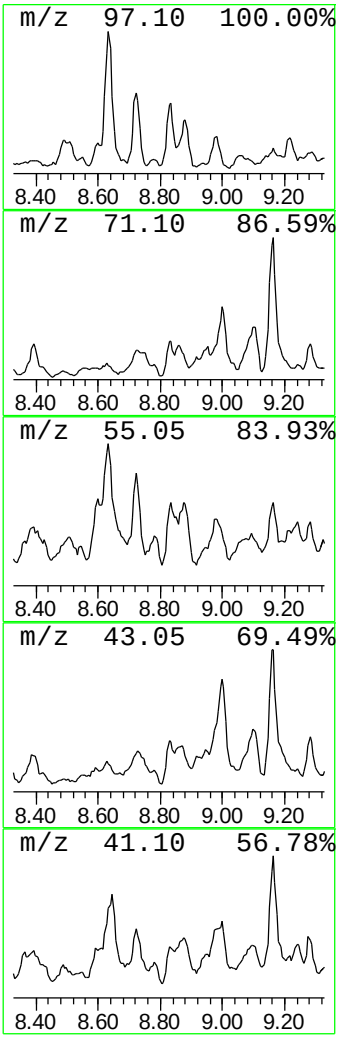
Peak Number 22 unknown-02 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	3.46 ng/ul	233992	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-t-Pentylcyclopentanone	154	C10H18O	1000114-66-3	30
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	25
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	25
4	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	22
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	22





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Sample : K2168-19DL 5X
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Instrument : BNA_M
ClientSampleId : BF641DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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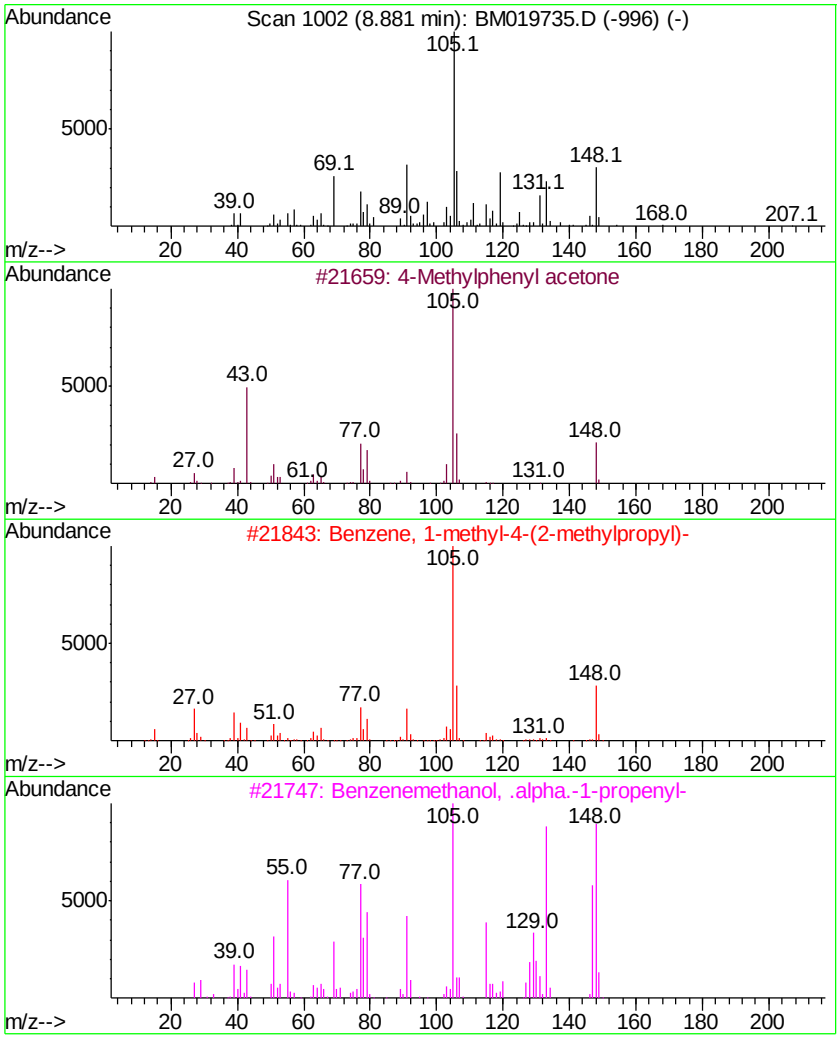
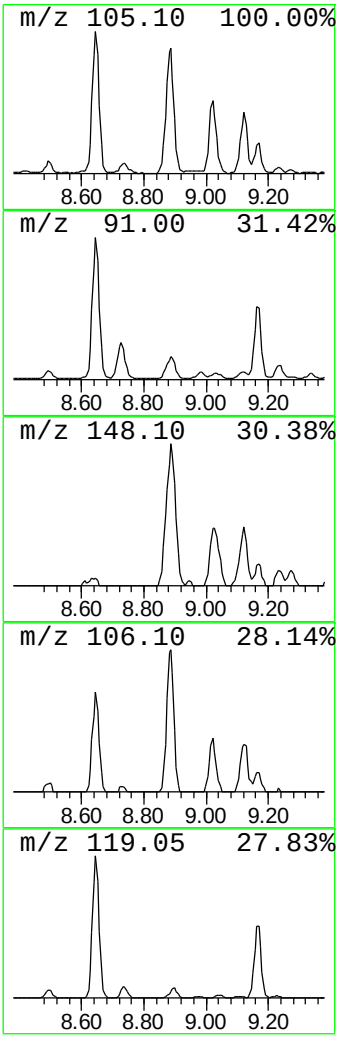
Peak Number 23 4-Methylphenyl acetone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	10.66 ng/ul	720488	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	50
2	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	45
3	Benzenemethanol, .alpha.-1-prope...	148	C10H12O	003347-57-7	38
4	2-Methylindan-2-ol	148	C10H12O	033223-84-6	35
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	30





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Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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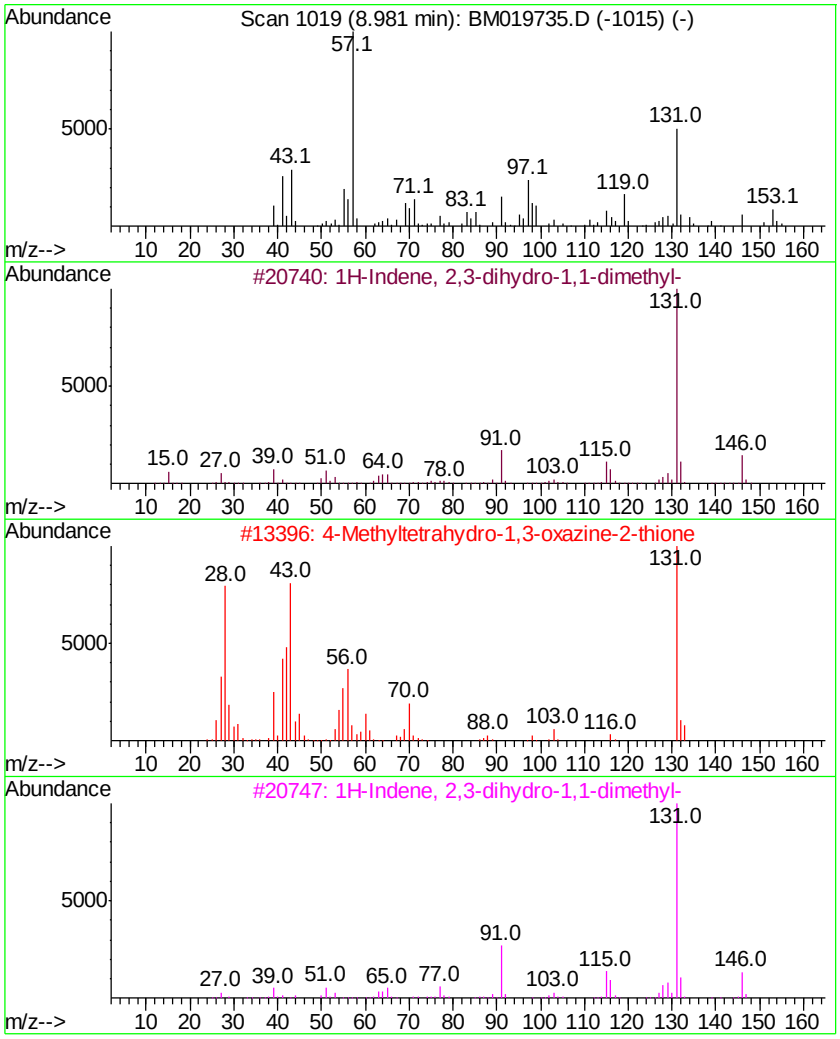
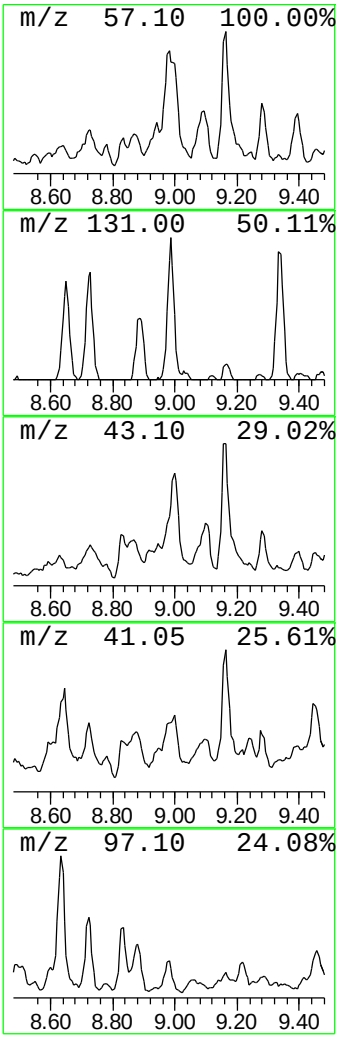
Peak Number 24 unknown-03 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	4.62 ng/ul	353775	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	25
2	4-Methyltetrahydro-1,3-oxazine-2...	131	C5H9NOS	014760-60-2	25
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	25
4	Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	22
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	22





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Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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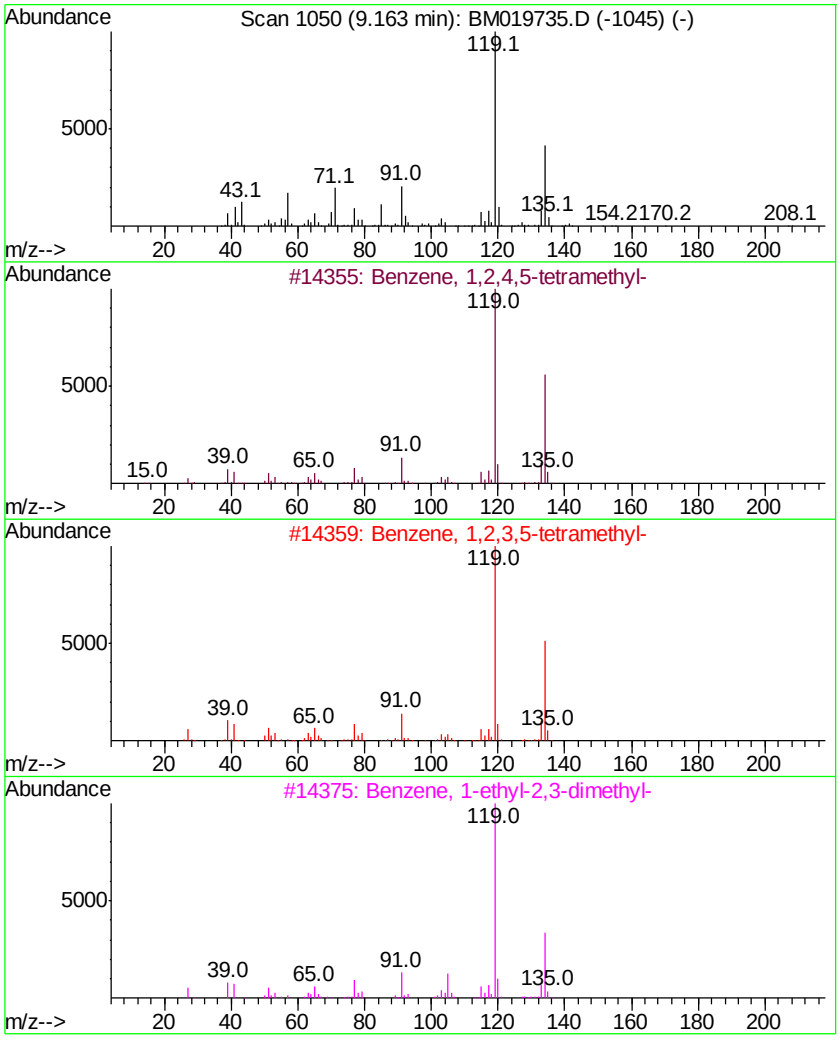
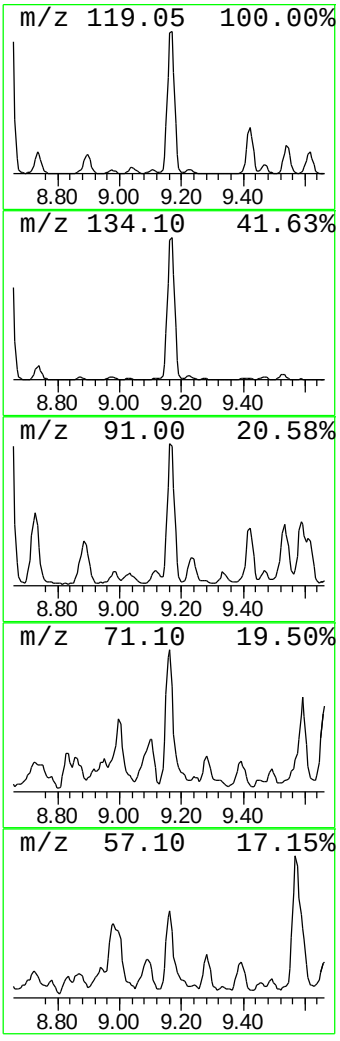
Peak Number 25 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	19.19 ng/ul	1467840	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81





Library Search Compound Report

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Sample : K2168-19DL 5X
Misc :
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Instrument : BNA_M
ClientSampleId : BF641DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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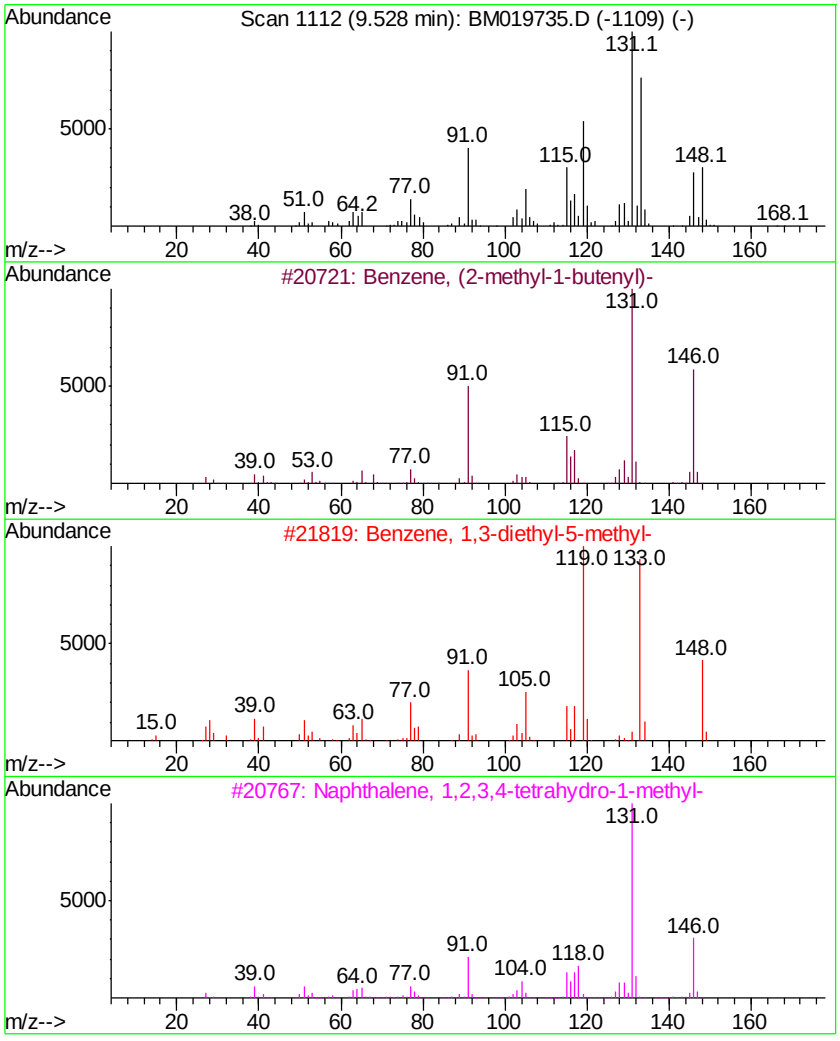
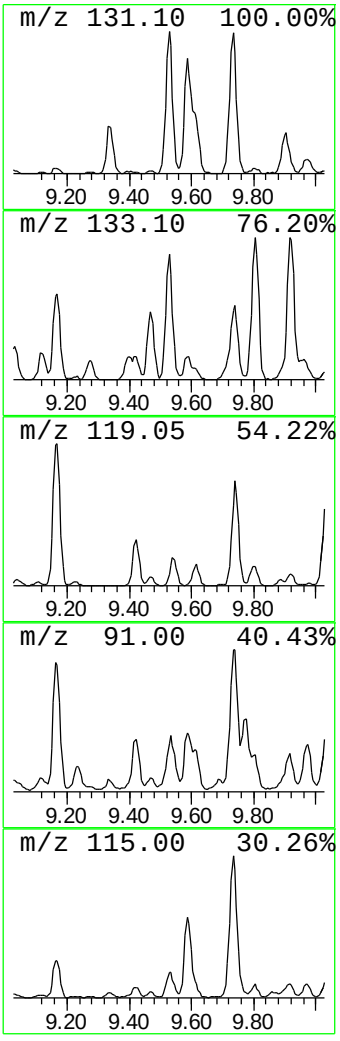
Peak Number 26 Benzene, (2-methyl-1-butenyl)- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	4.19 ng/ul	320464	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	52
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	42
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	42
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	42





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Misc :
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Instrument : BNA_M
ClientSampleId : BF641DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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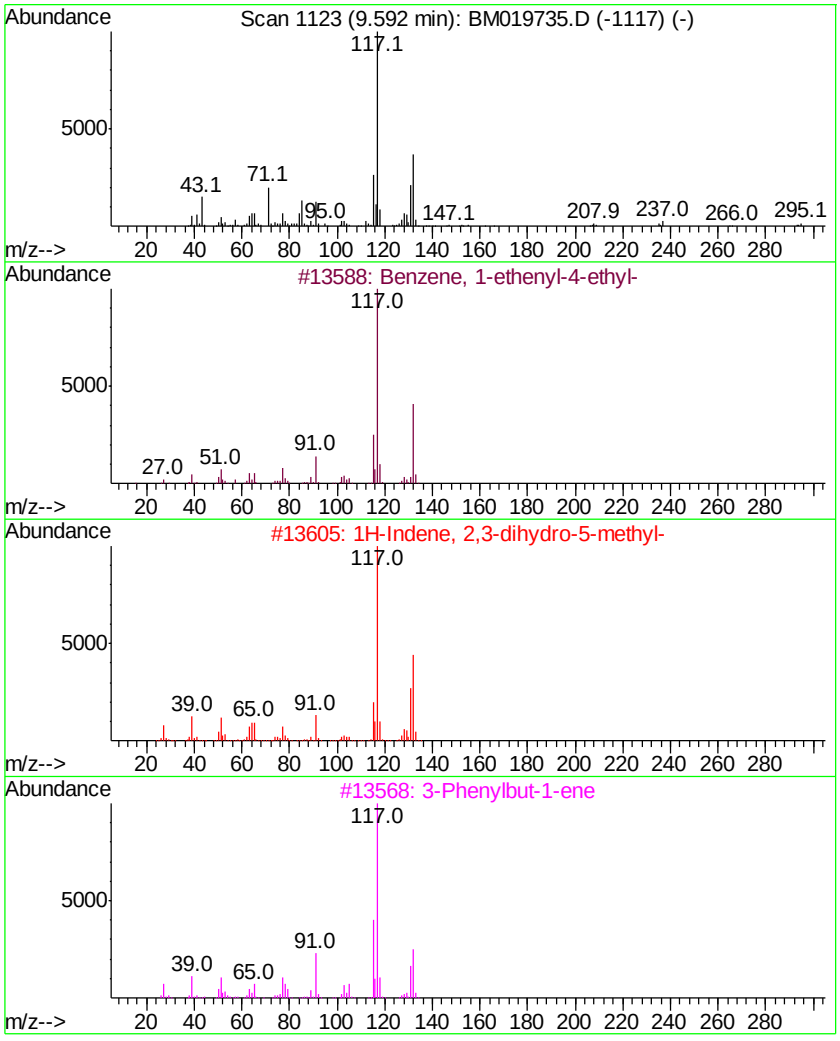
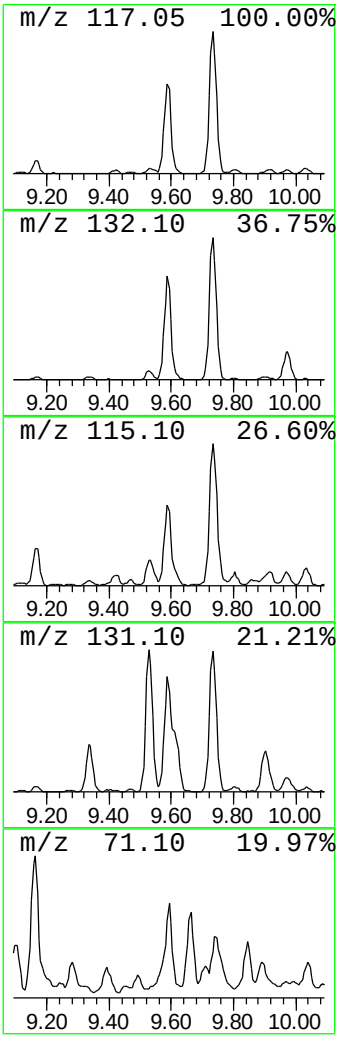
Peak Number 27 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	17.27 ng/ul	1320790	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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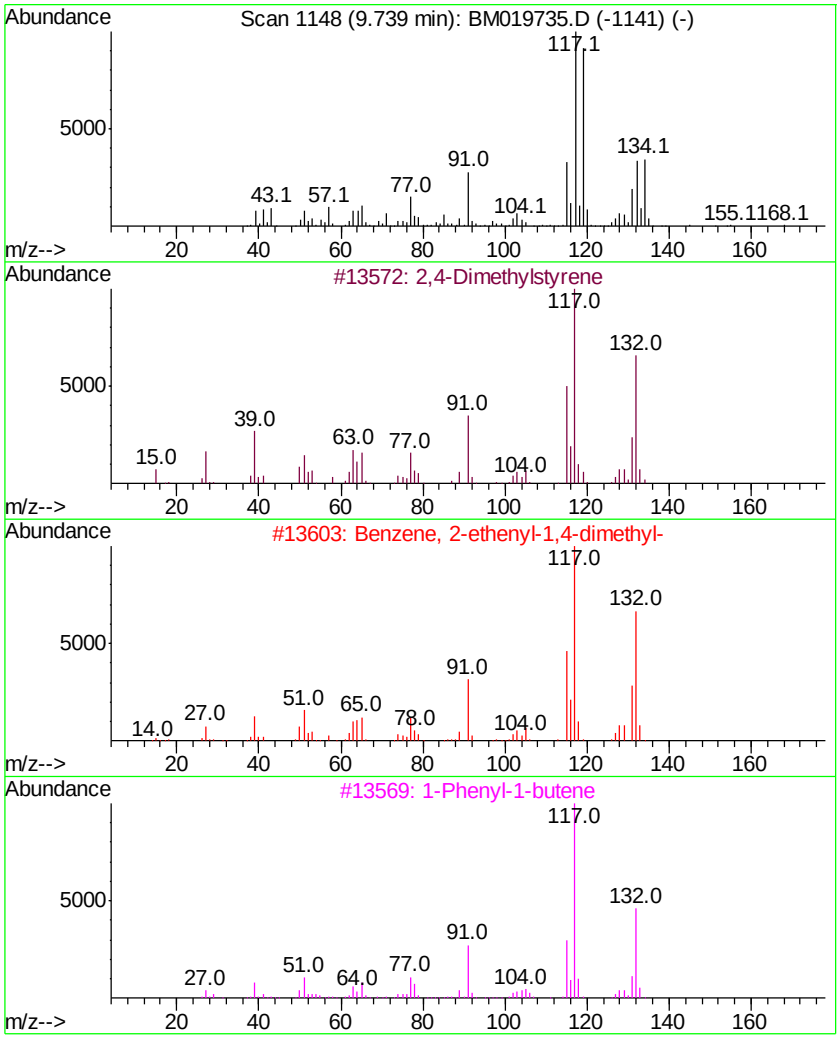
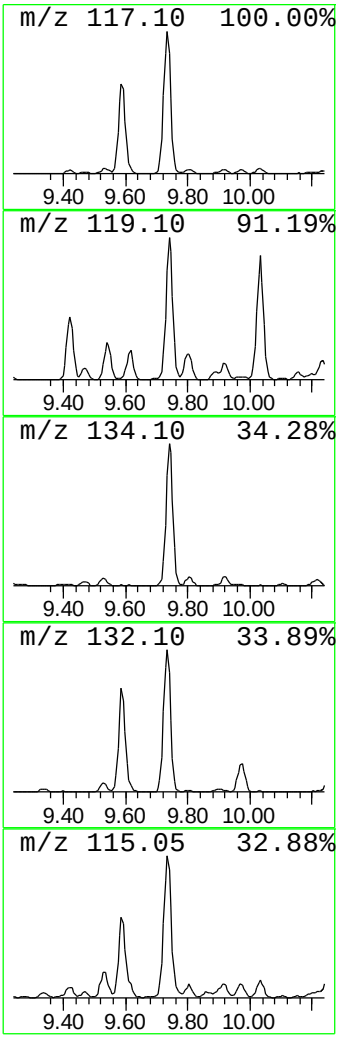
Peak Number 28 2,4-Dimethylstyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	31.20 ng/ul	2386330	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	80
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	55
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55





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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

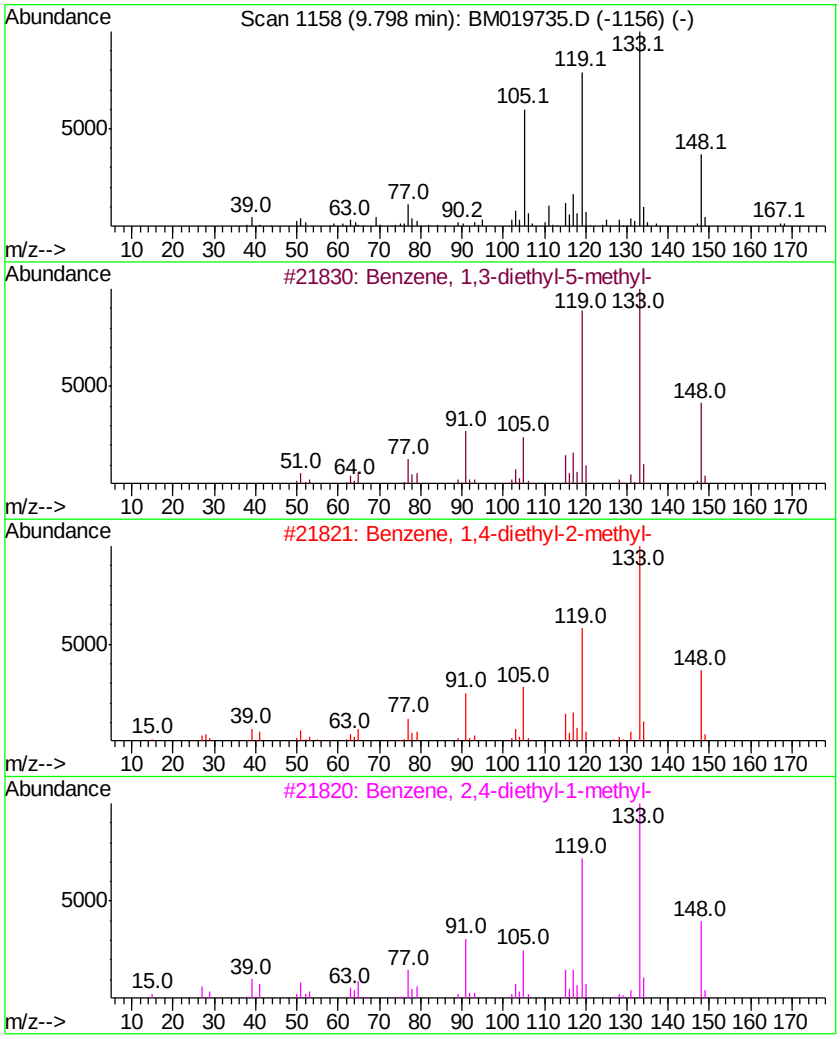
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

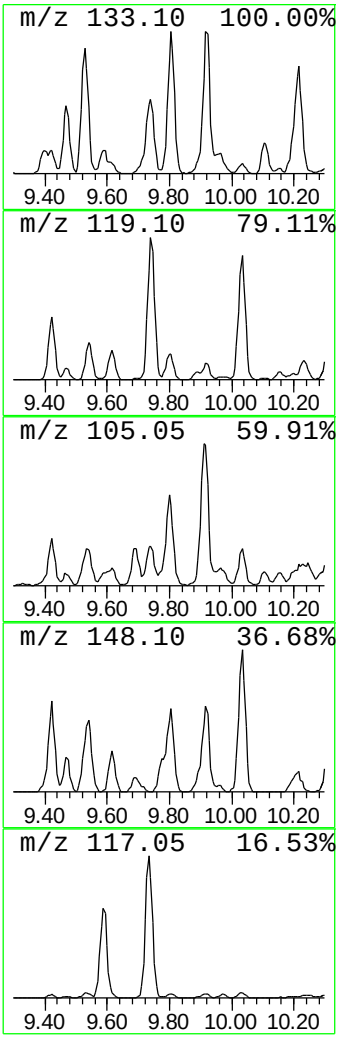
****

Peak Number 29 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	3.38 ng/ul	258188	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	93
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	93
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	86
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	68





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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

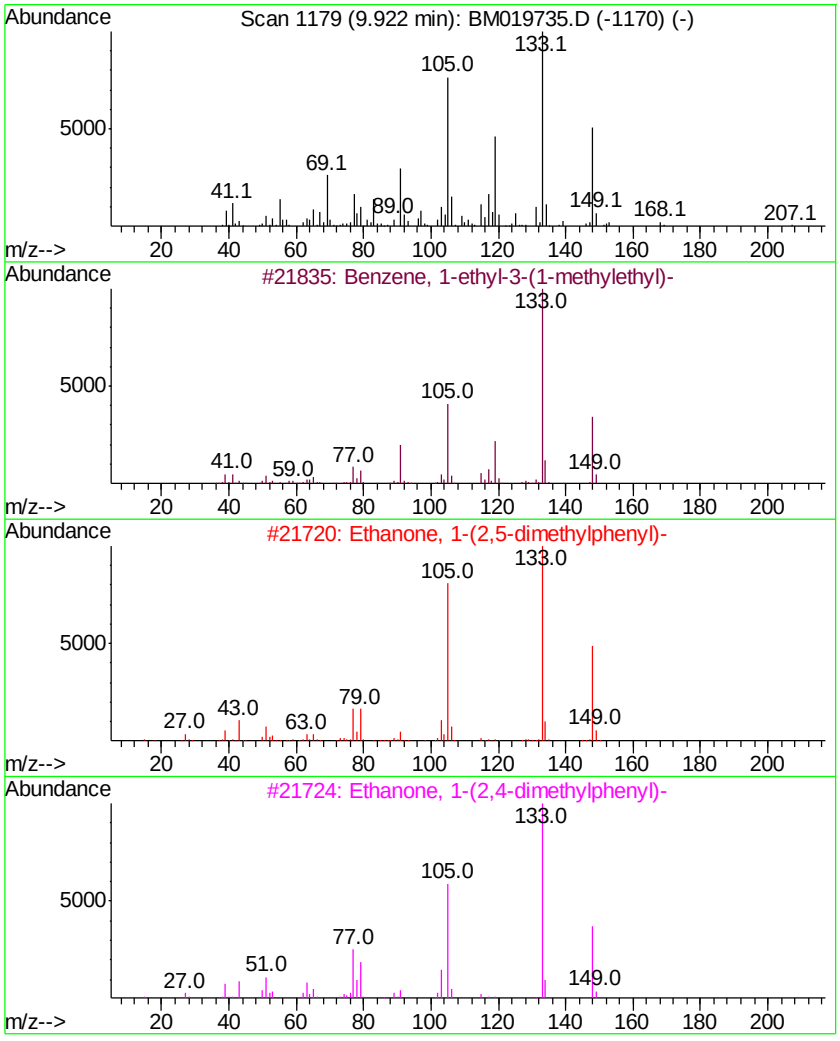
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

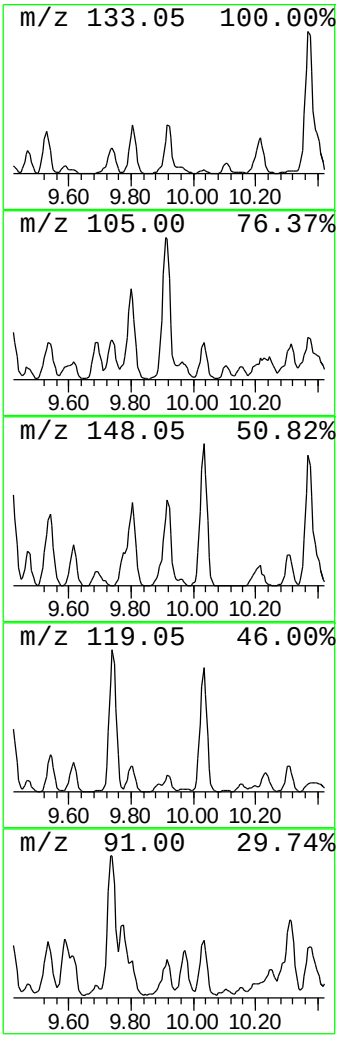
****

Peak Number 30 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	8.62 ng/ul	659698	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	76
2	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	70
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	70
4	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	70
5	1-(2,3-Dimethylphenyl)ethanone	148	C10H12O	002142-71-4	70





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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

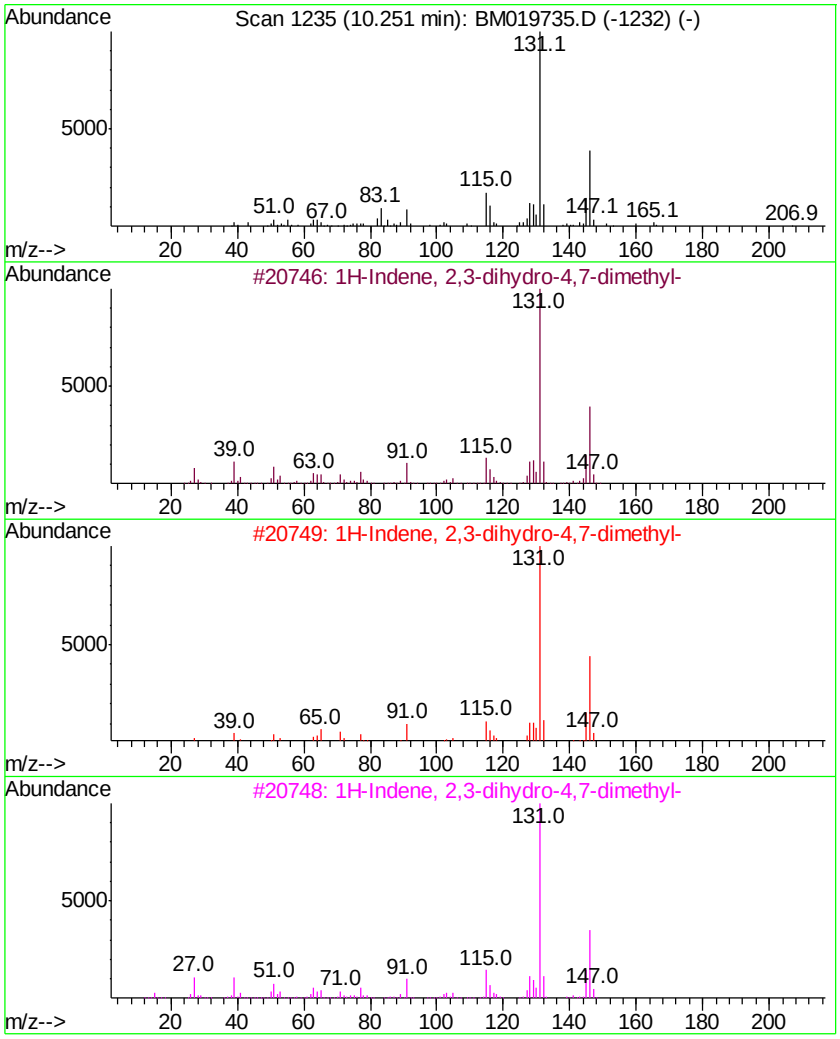
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

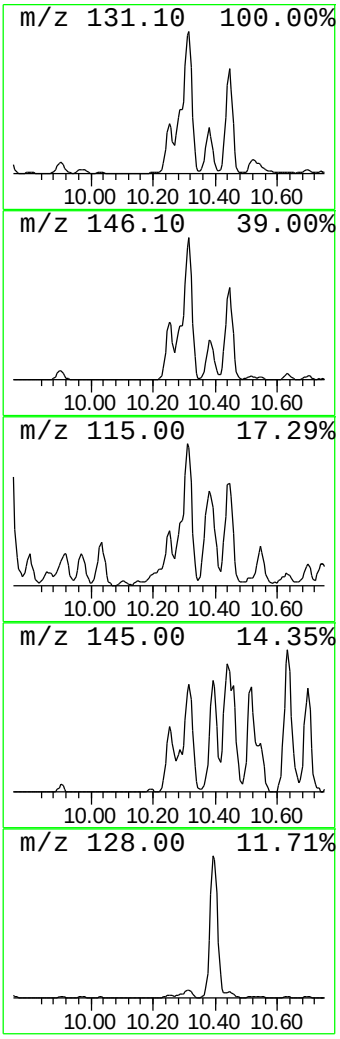
****

Peak Number 31 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	4.74 ng/ul	362808	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
5	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	91





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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

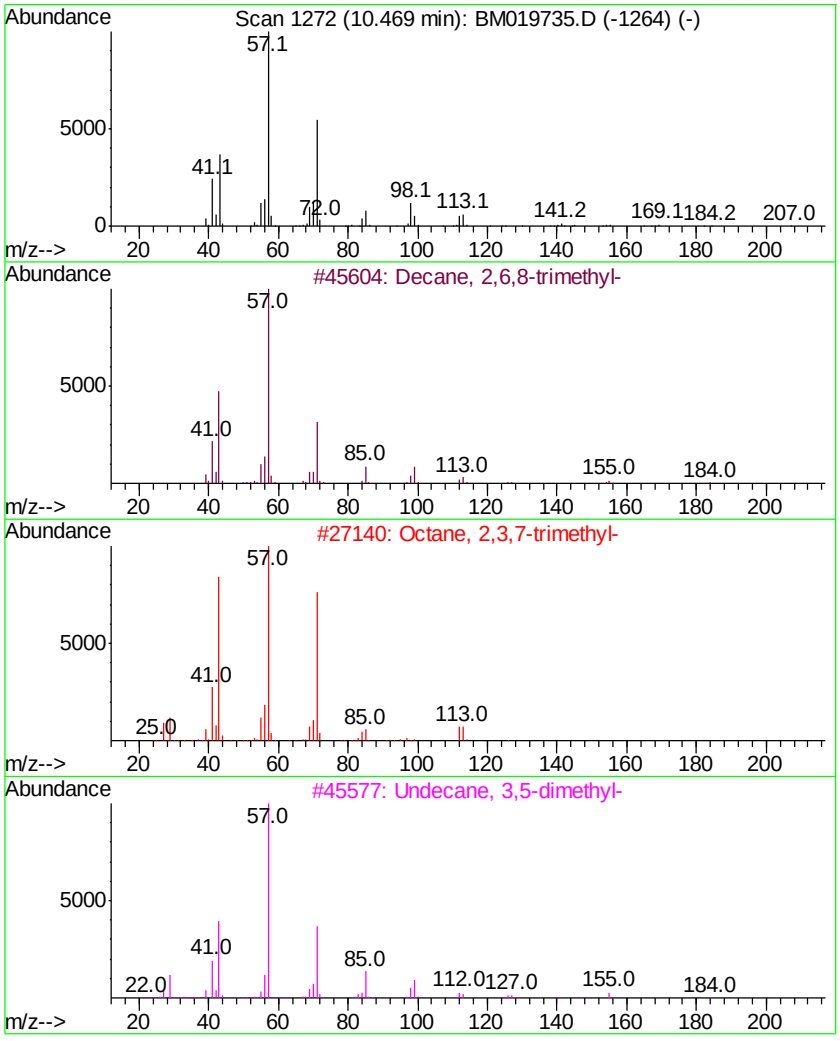
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

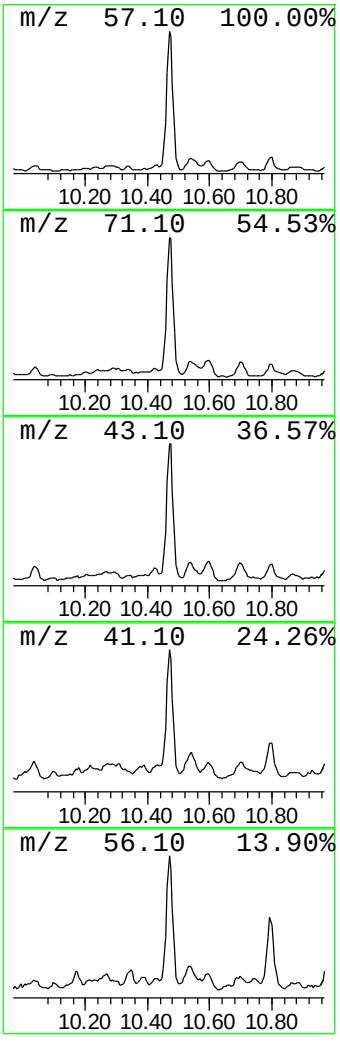
****

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	27.31 ng/ul	2089230	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	87
2	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	80
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	70





Library Search Compound Report

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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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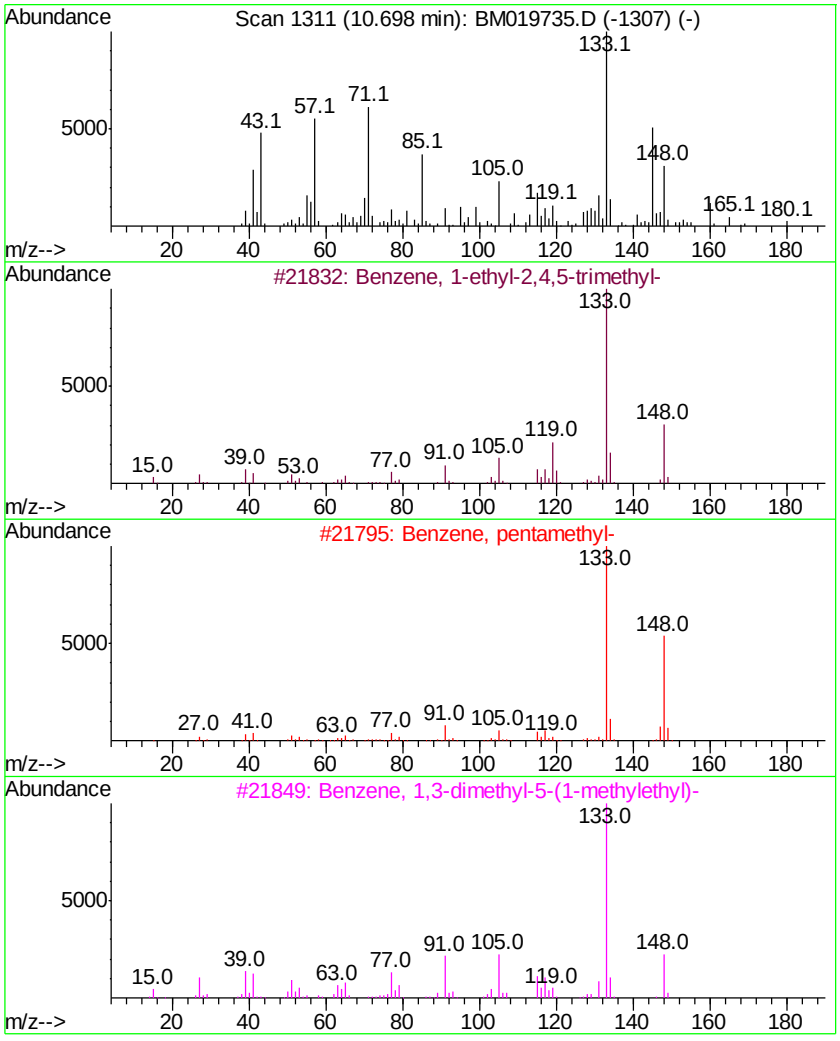
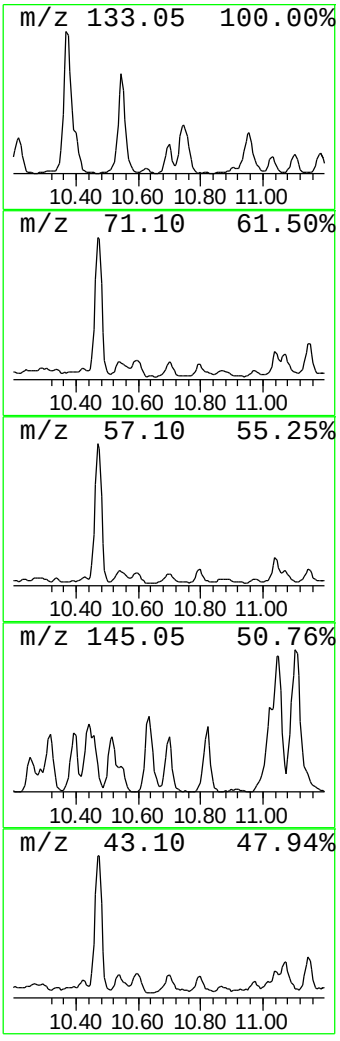
Peak Number 33 unknown-04 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	4.42 ng/ul	338329	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	45
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	45
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	45
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	45
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	43





Library Search Compound Report

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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

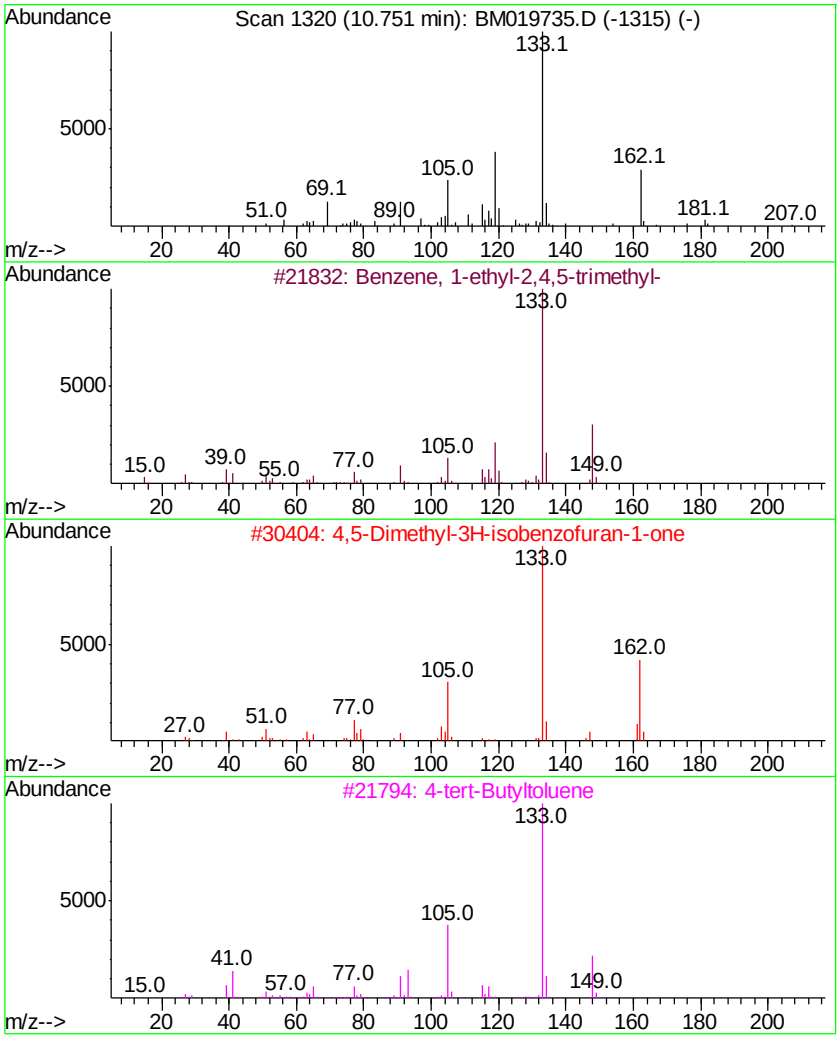
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

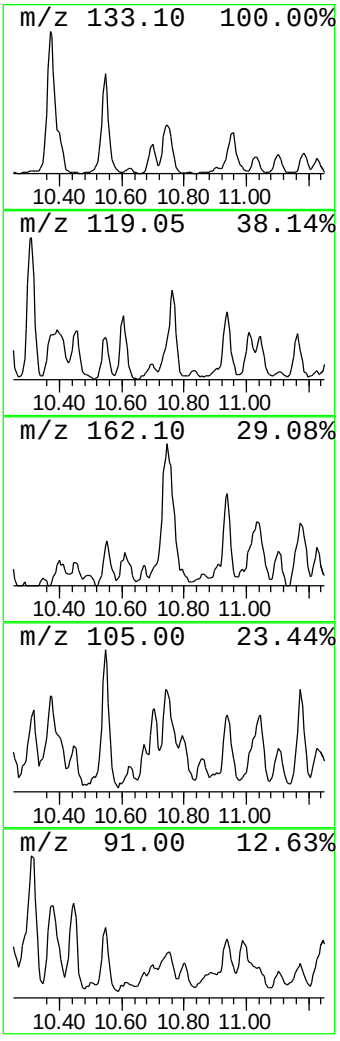
****

Peak Number 34 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	4.89 ng/ul	374260	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	59
2	4,5-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	1000188-08-0	58
3	4-tert-Butyltoluene	148	C11H16	000098-51-1	53
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	53
5	2-tert-Butyltoluene	148	C11H16	001074-92-6	53





Library Search Compound Report

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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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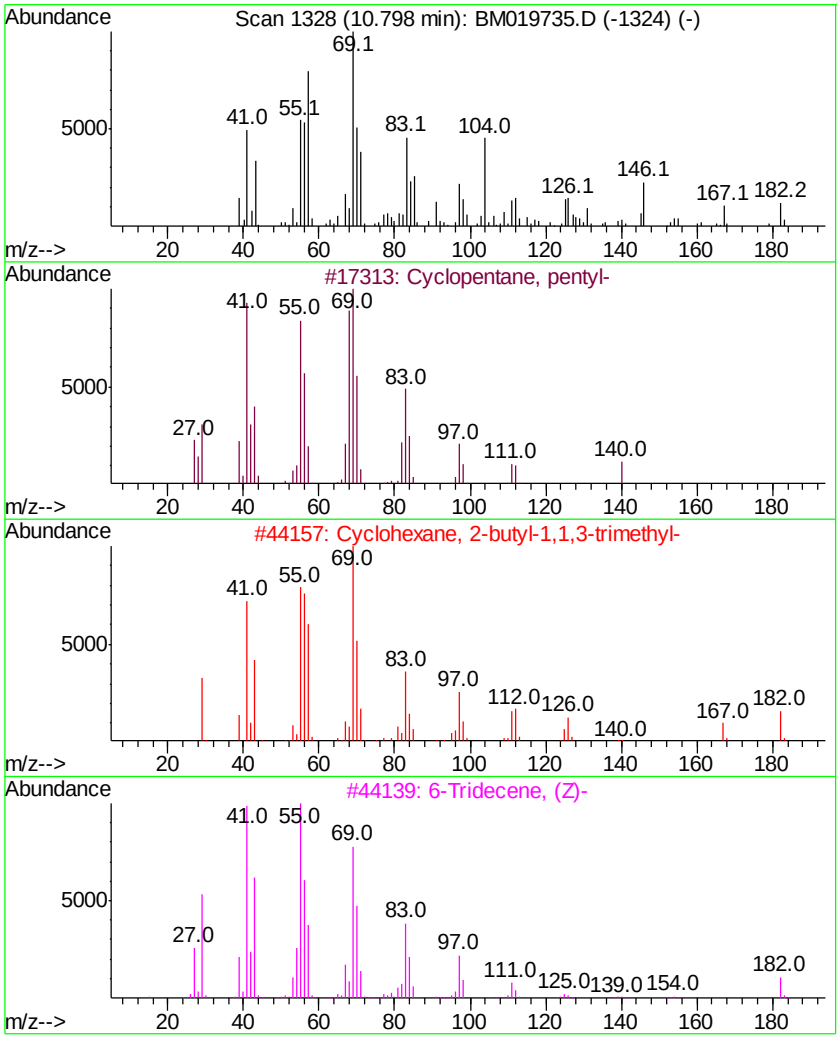
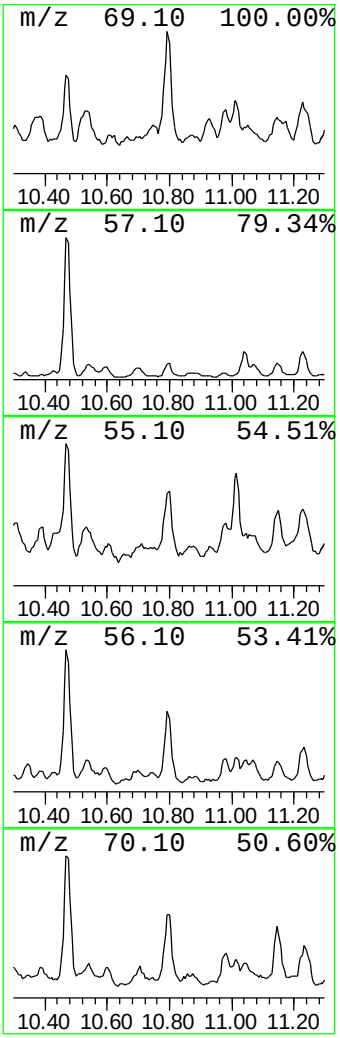
Peak Number 35 (DEL) Alkane: Cyclic10.80 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	7.88 ng/ul	602980	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, pentyl-	140	C10H20	003741-00-2	83
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	78
3	6-Tridecene, (Z)-	182	C13H26	006508-77-6	70
4	6-Tridecene, (E)-	182	C13H26	006434-76-0	58
5	Cyclopentane, propyl-	112	C8H16	002040-96-2	53





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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

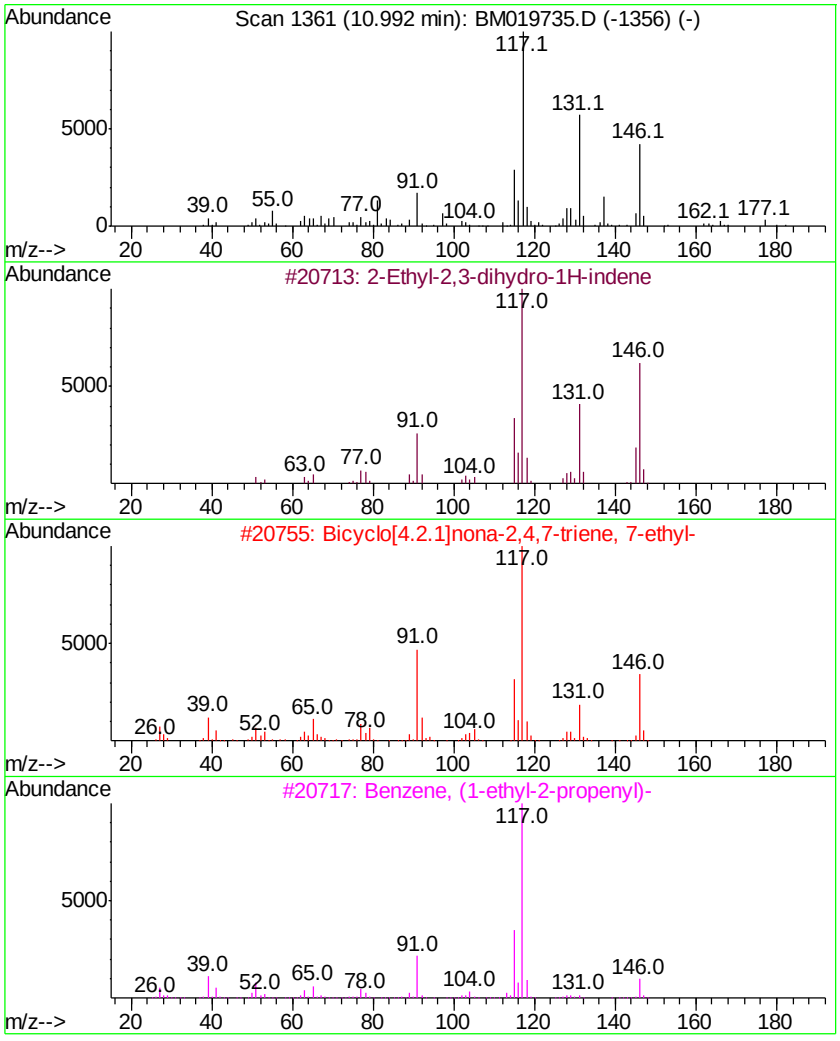
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

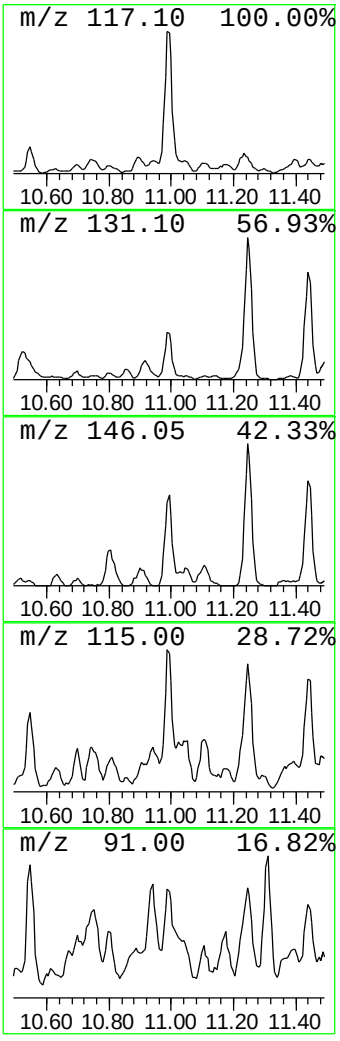
****

Peak Number 36 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	3.10 ng/ul	236929	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	74
2	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	64
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	58
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	58
5	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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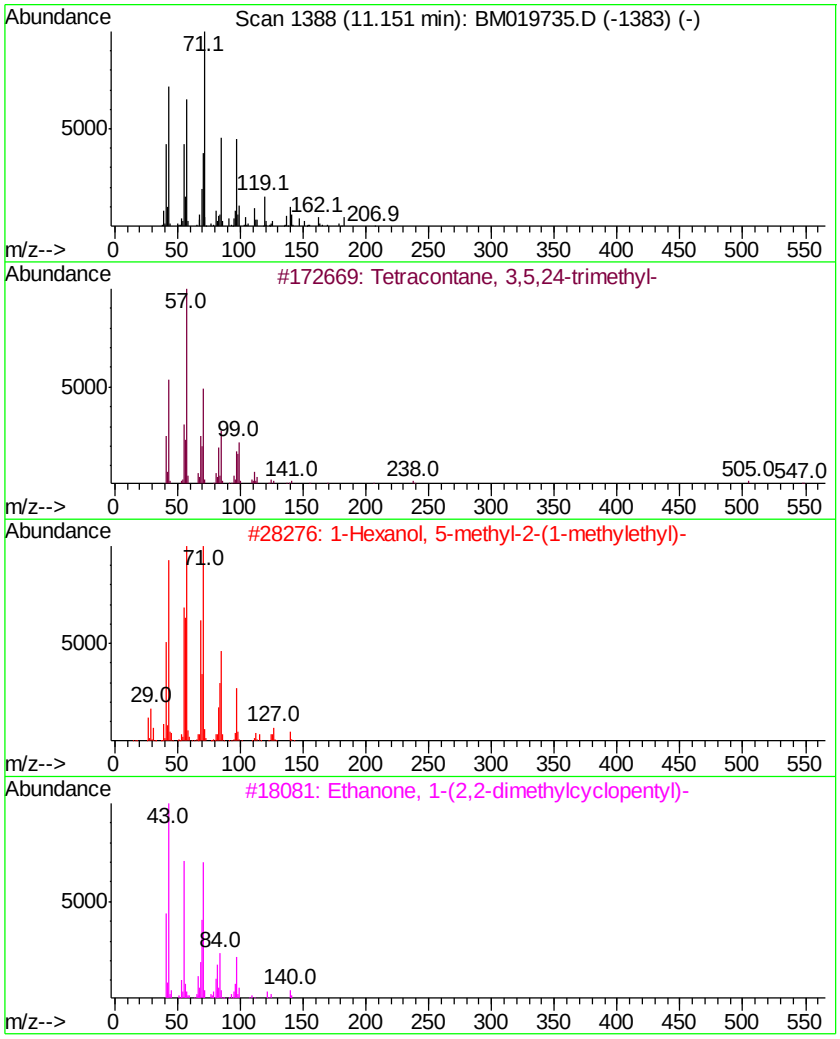
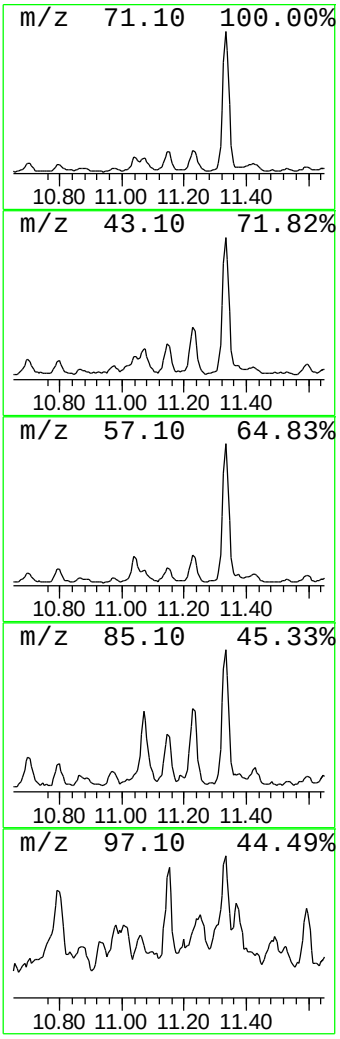
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	3.57 ng/ul	273472	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	72
2	1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	59
3	Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	58
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	50
5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	47





Library Search Compound Report

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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

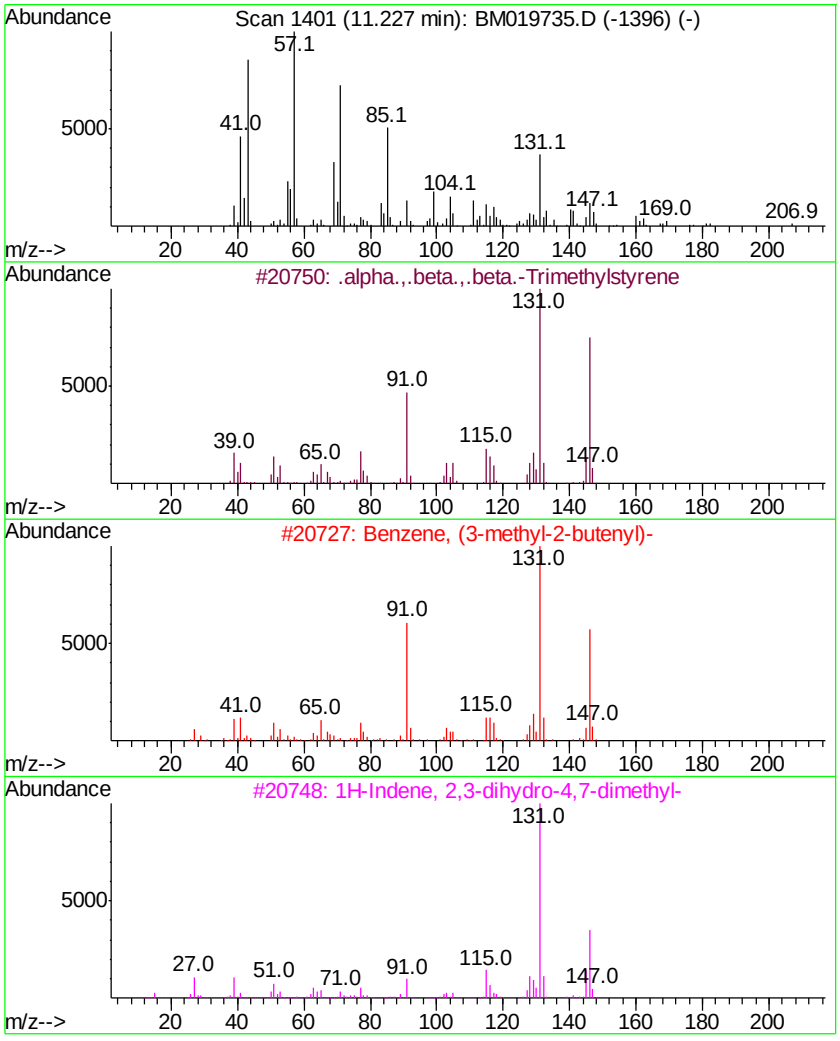
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

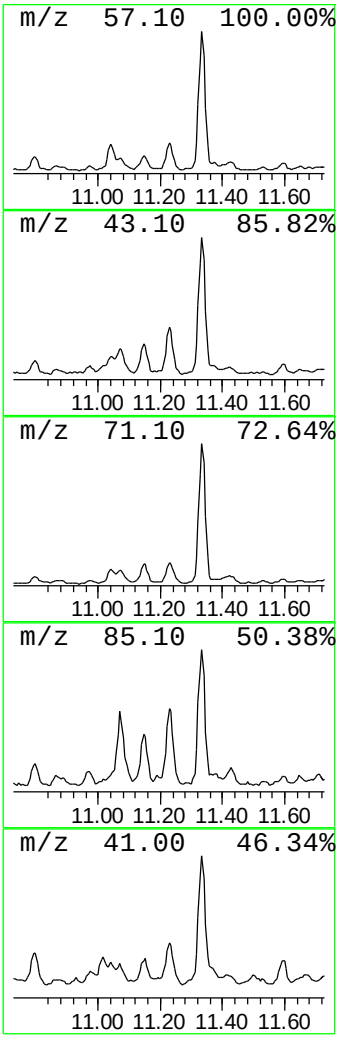
****

Peak Number 38 .alpha.,.beta.,.beta.-Trime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	13.26 ng/ul	1014380	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	90
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55





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Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

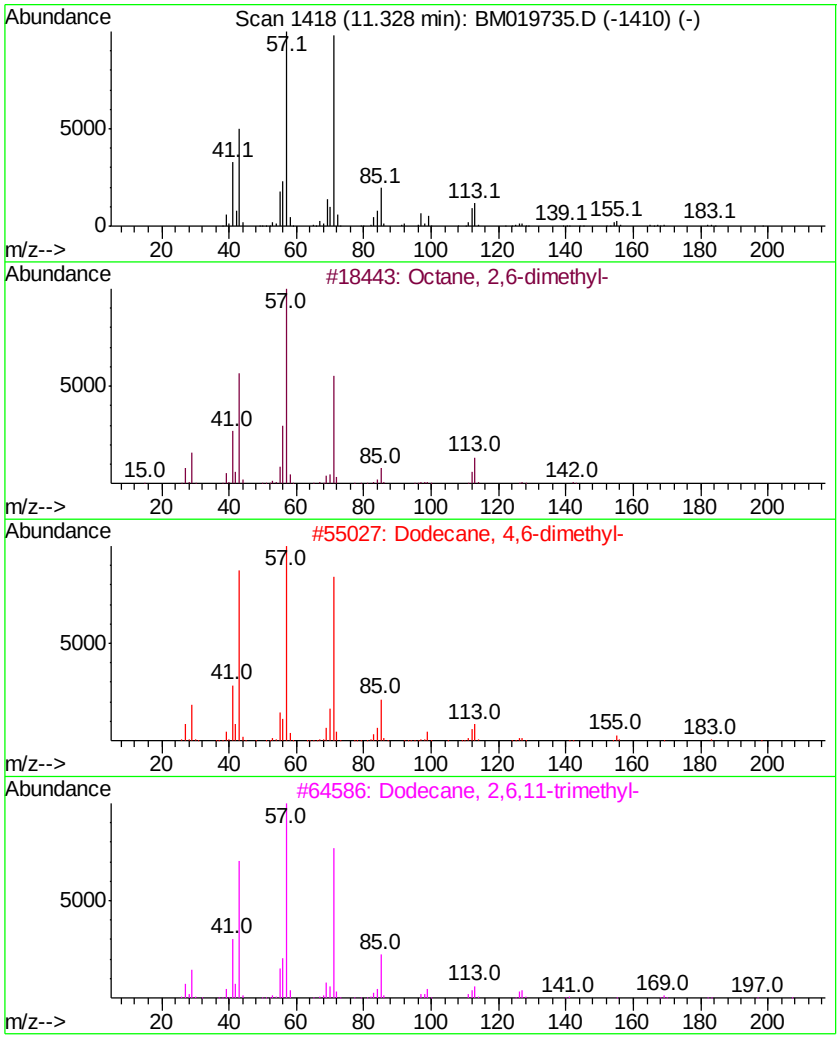
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

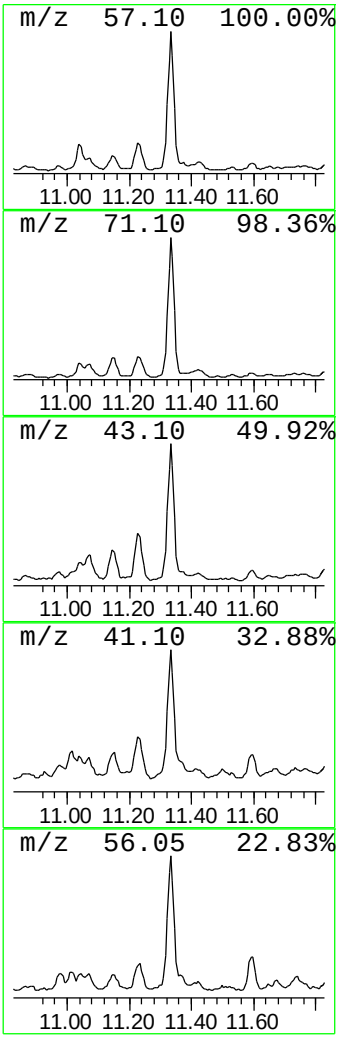
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	24.52 ng/ul	1875400	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72





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Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

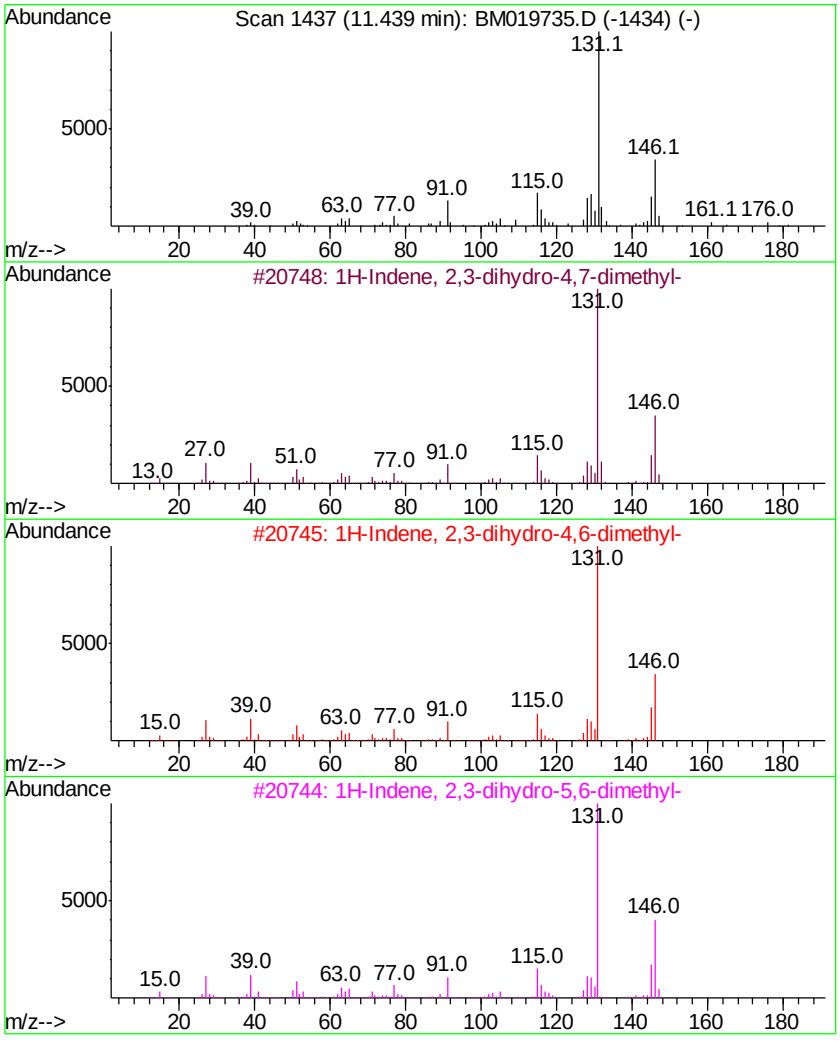
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

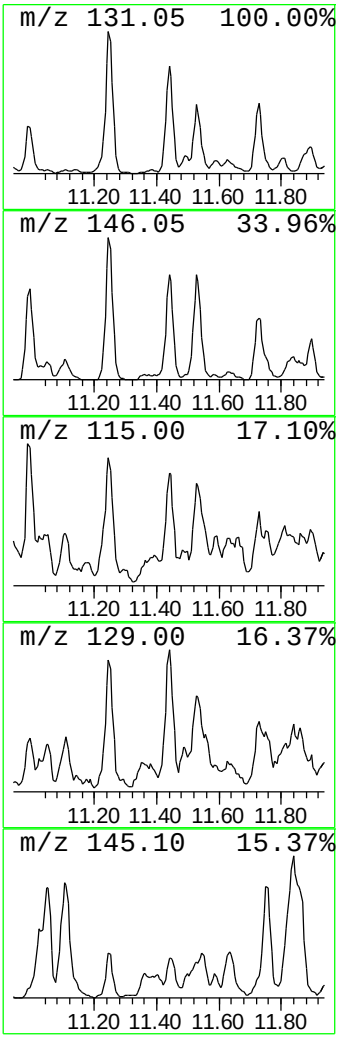
****

Peak Number 40 unknown-05 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	3.78 ng/ul	288867	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Library Search Compound Report

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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

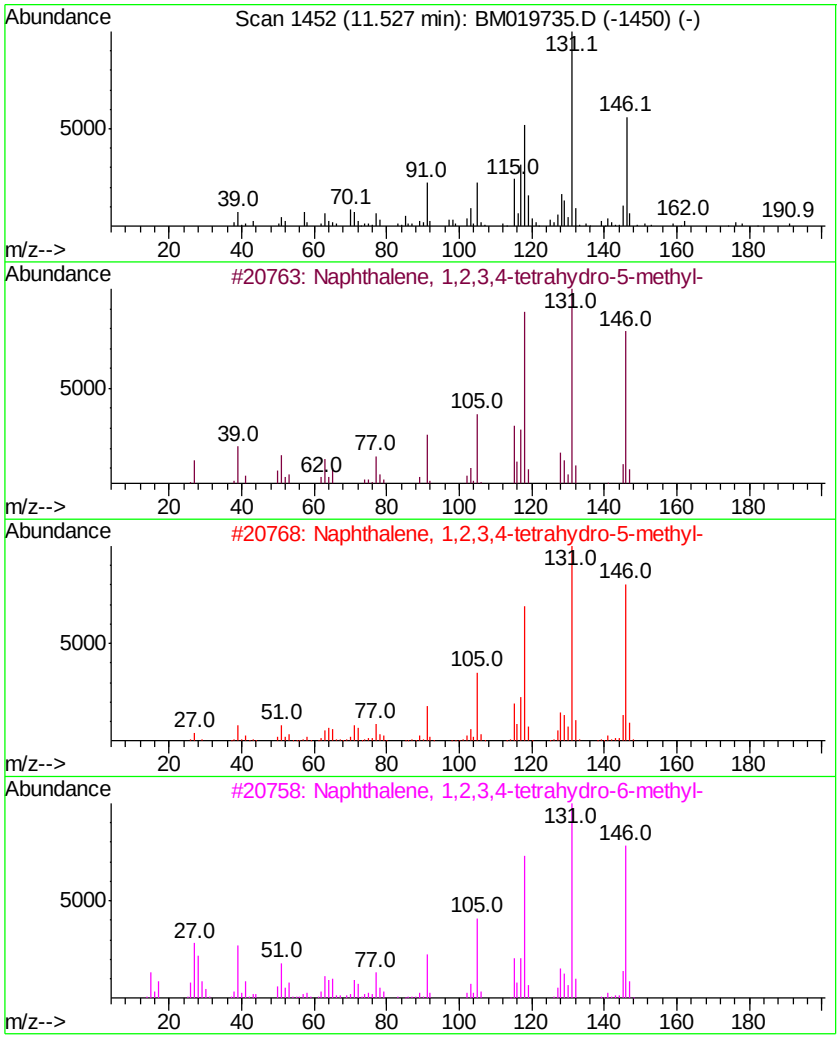
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

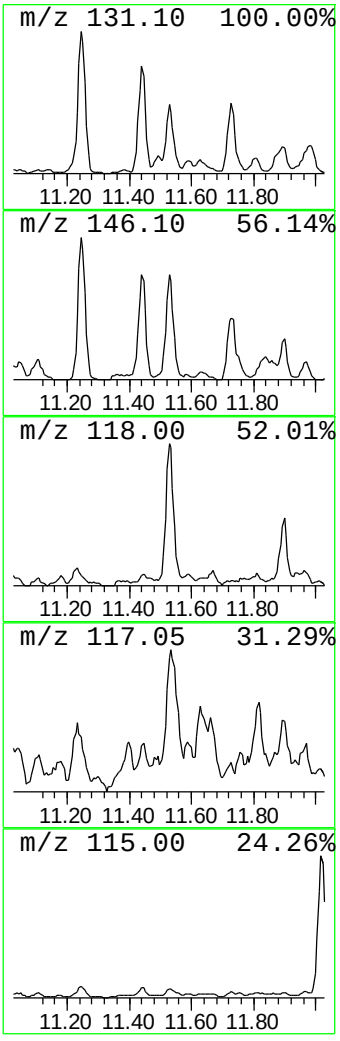
****

Peak Number 41 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	4.17 ng/ul	318686	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89





Library Search Compound Report

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Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

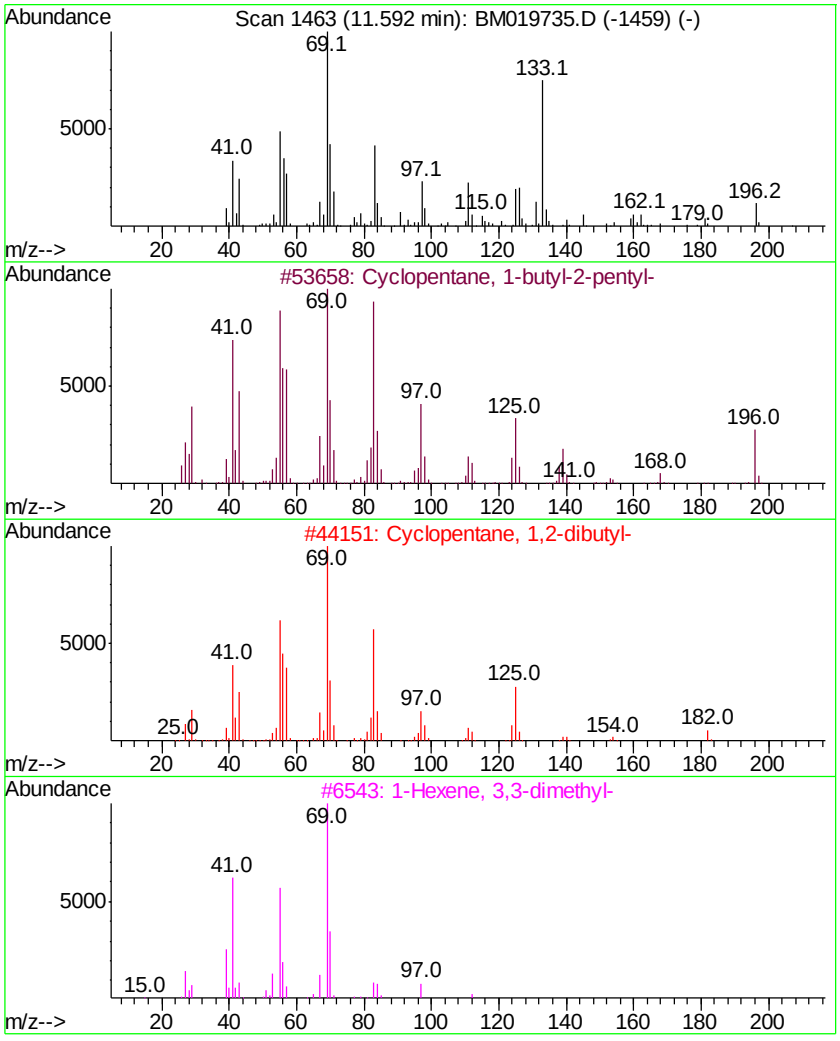
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

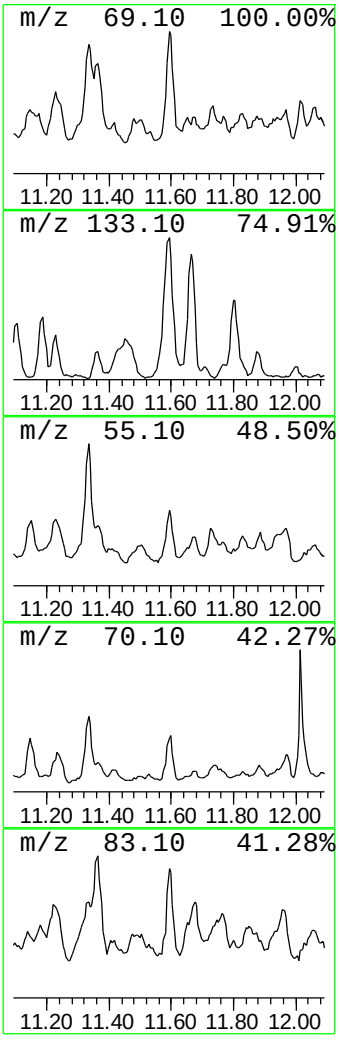
****

Peak Number 42 (DEL) Alkane: Cyclic11.59 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	5.74 ng/ul	438795	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	47
2	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	30
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	27
4	cis-3,5-Dimethylcyclohexanone	126	C8H14O	007214-49-5	27
5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	25





Library Search Compound Report

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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

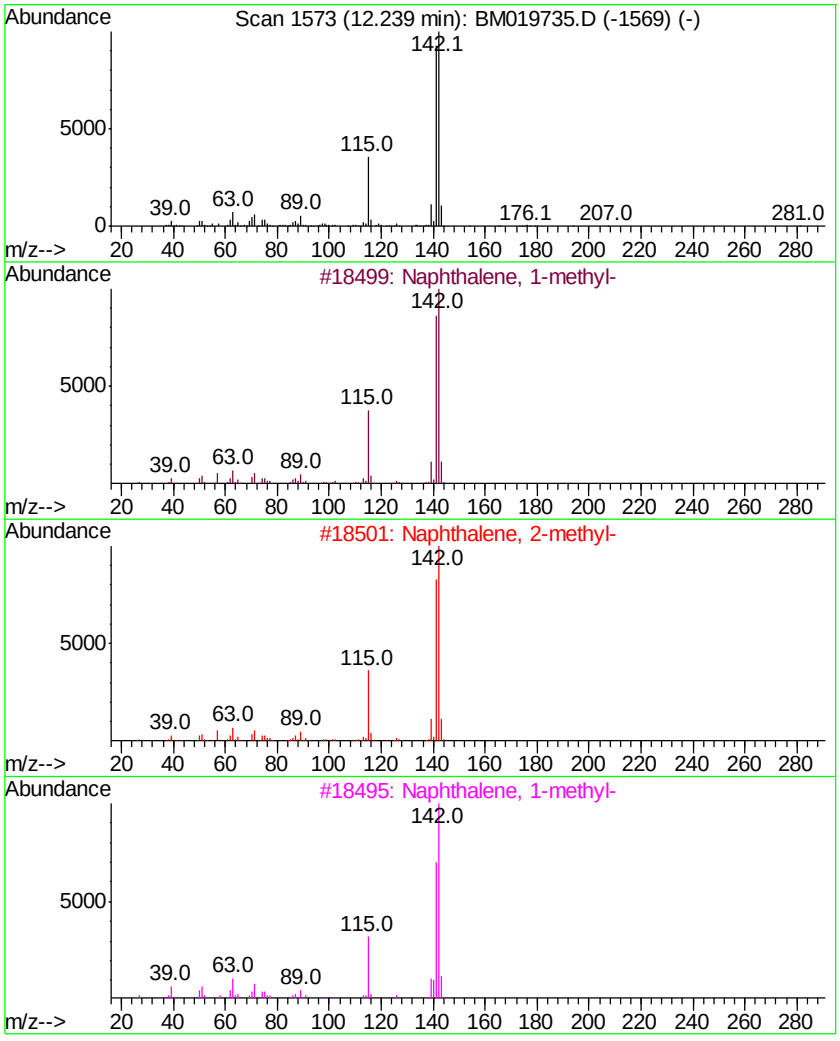
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

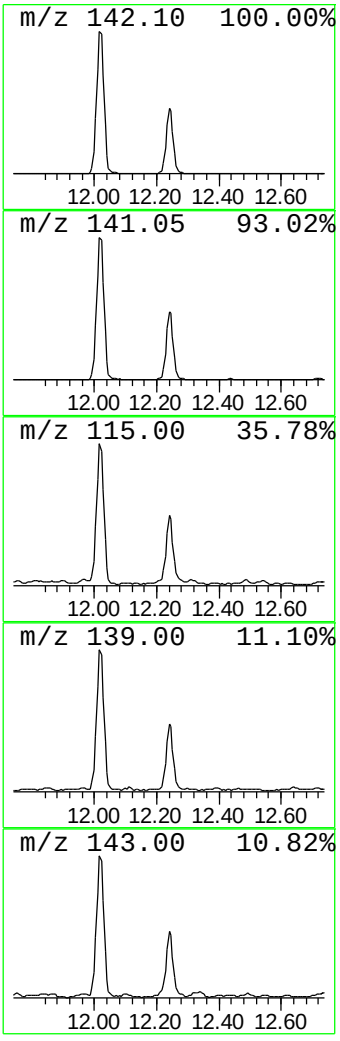
****

Peak Number 44 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	18.19 ng/ul	1391840	Naphthalene-d8	10.35

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





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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

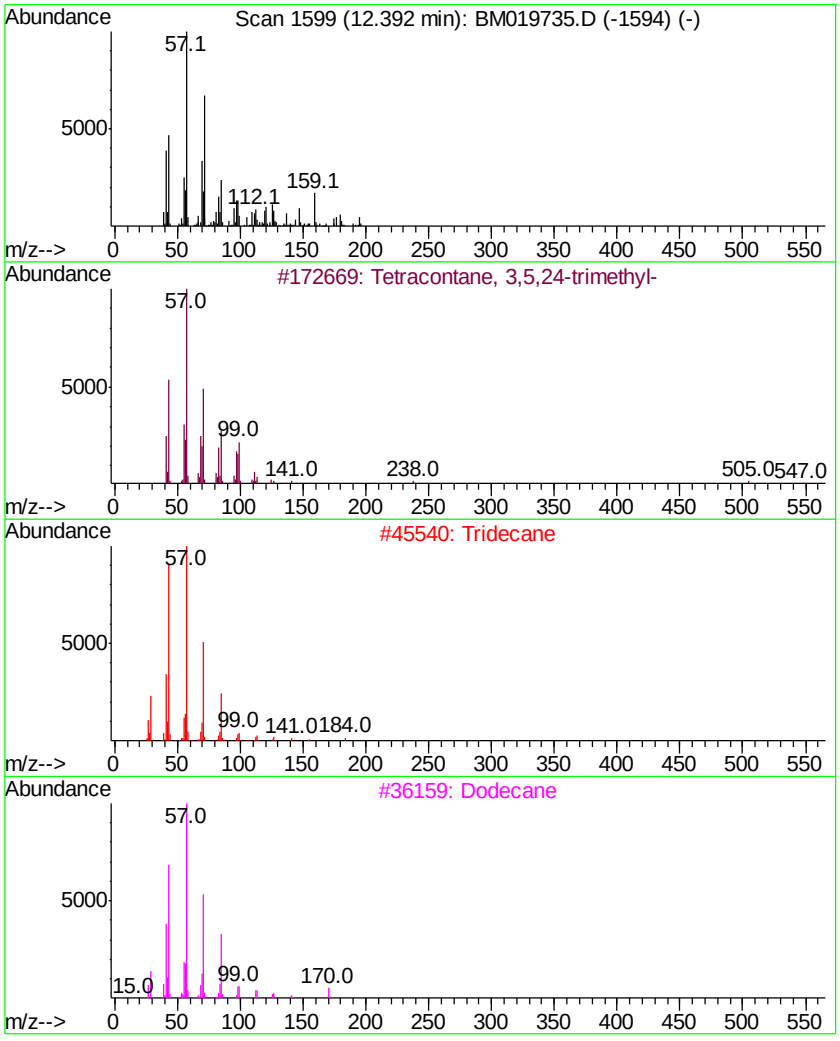
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

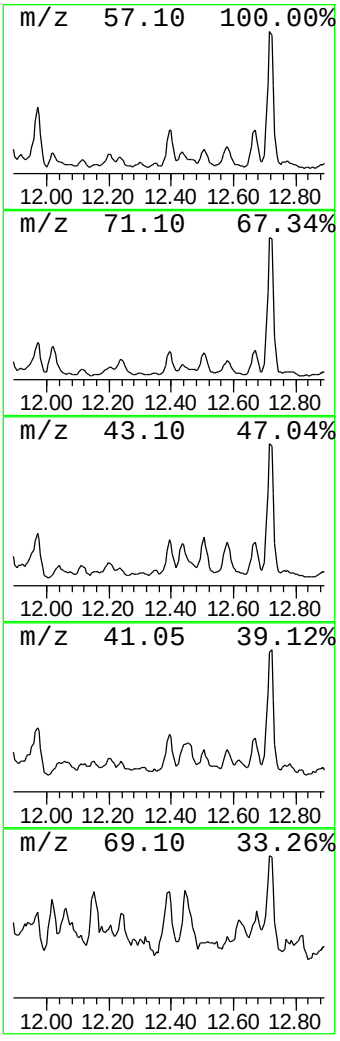
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	3.67 ng/ul	445672	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	46
2	Tridecane	184	C13H28	000629-50-5	43
3	Dodecane	170	C12H26	000112-40-3	43
4	Dodecane	170	C12H26	000112-40-3	35
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	35





Library Search Compound Report

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Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

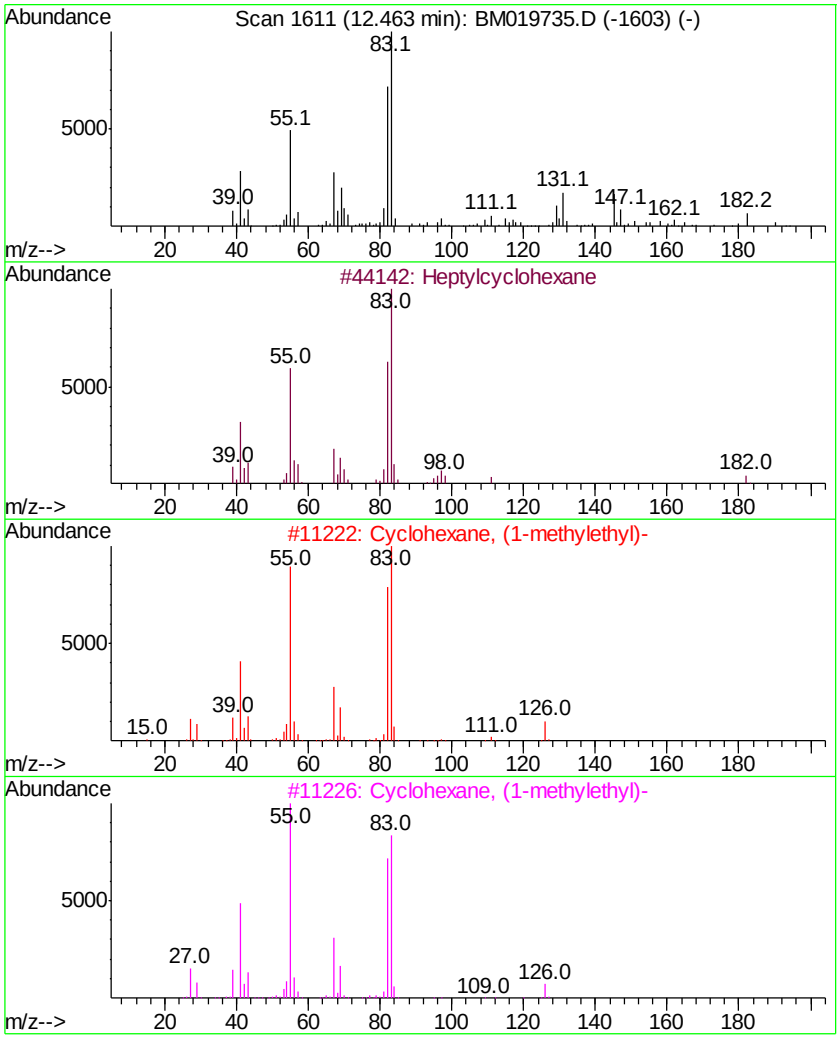
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

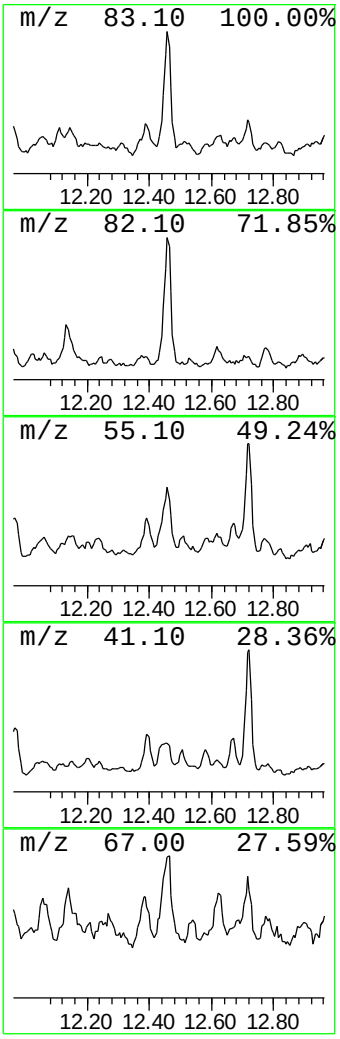
****

Peak Number 47 (DEL) Alkane: Cyclic12.46 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.68 ng/ul	446424	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	53
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50





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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

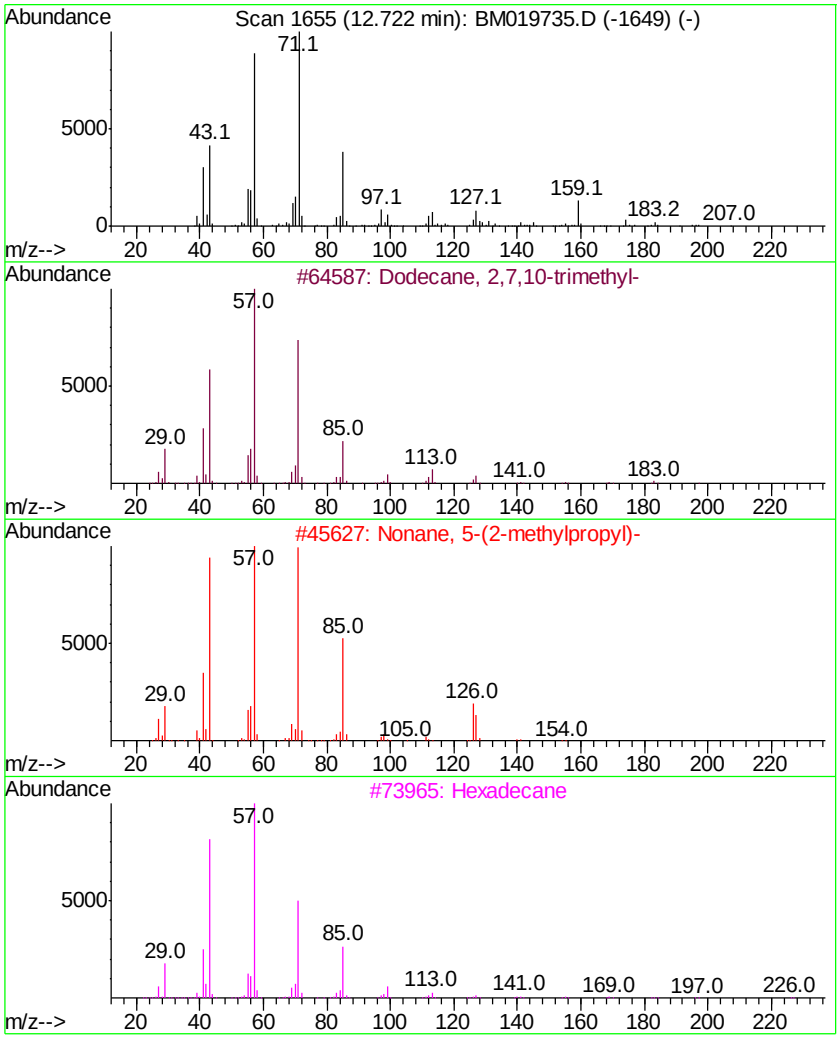
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

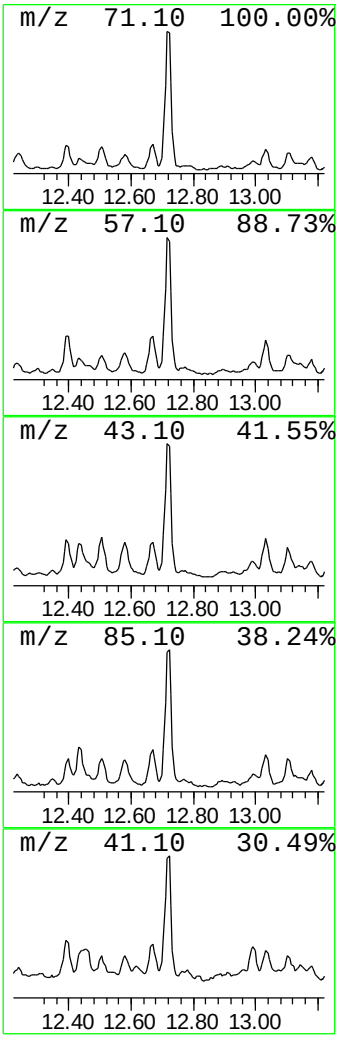
****

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	9.37 ng/ul	1136550	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
3	Hexadecane	226	C16H34	000544-76-3	53
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	50
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	50





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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

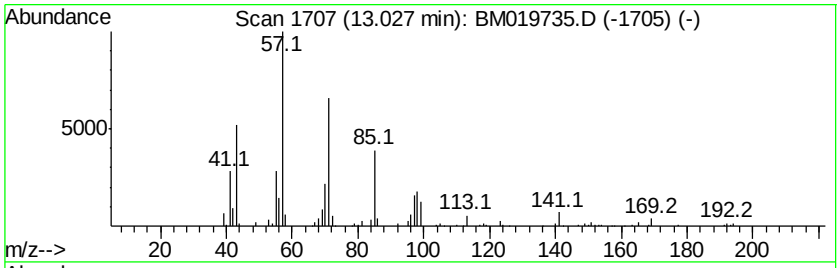
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

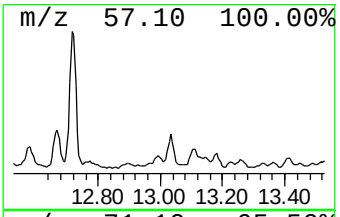
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

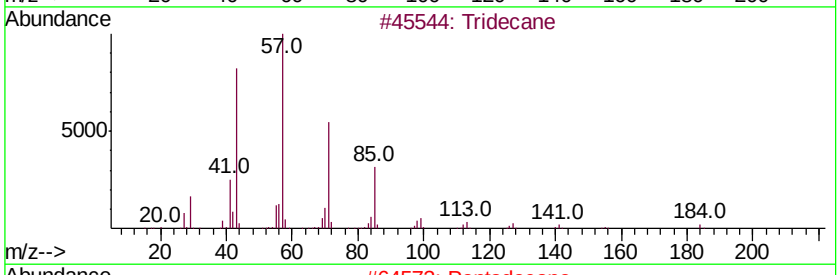
****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 69

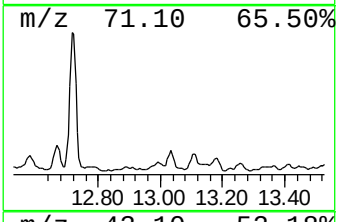
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.03 ng/ul	246613	Acenaphthene-d10	14.23

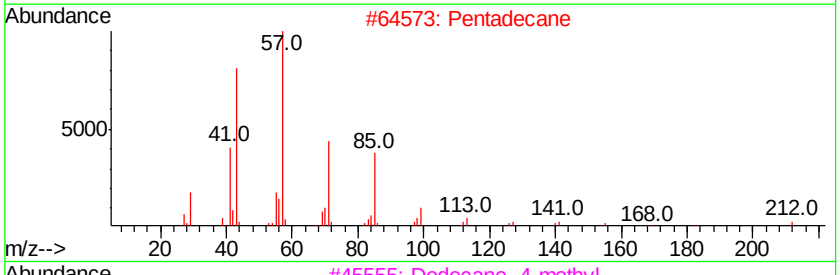
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	53
2	Pentadecane	212	C15H32	000629-62-9	50
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	50
4	Tetradecane	198	C14H30	000629-59-4	50
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	47

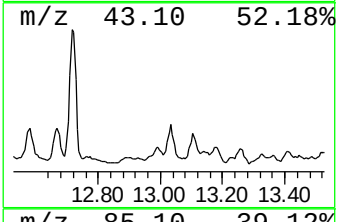


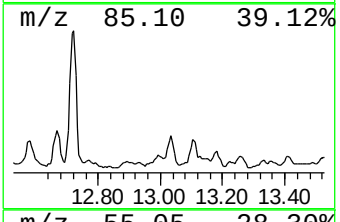


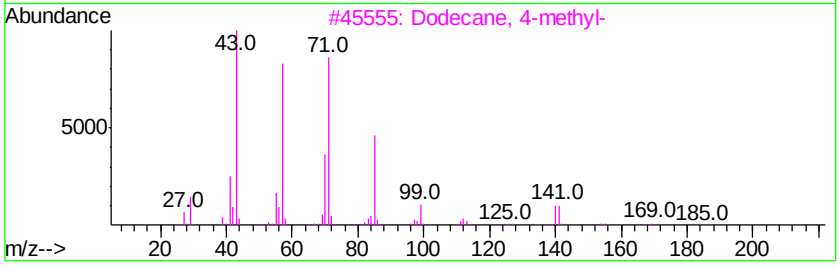


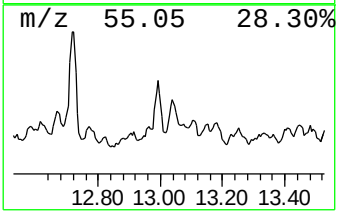












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Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

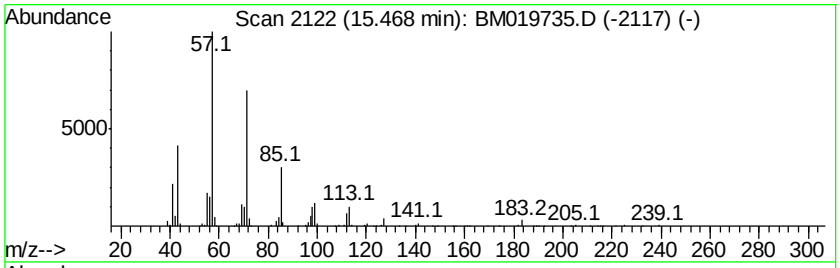
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

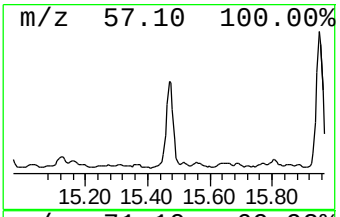
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

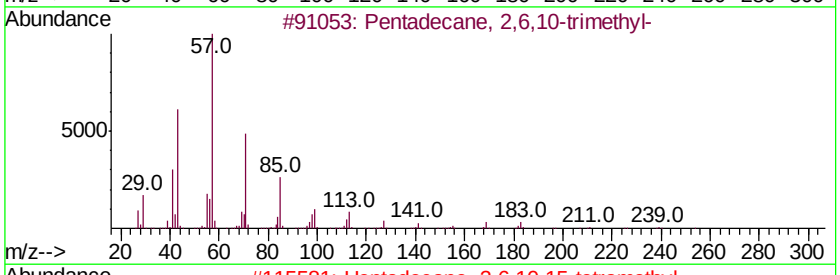
****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 19

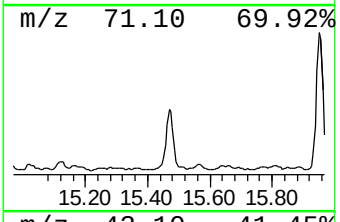
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	9.21 ng/ul	1116880	Acenaphthene-d10	14.23

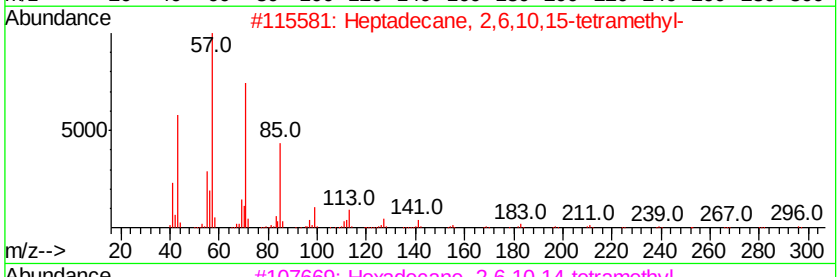
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	Eicosane	282	C20H42	000112-95-8	78

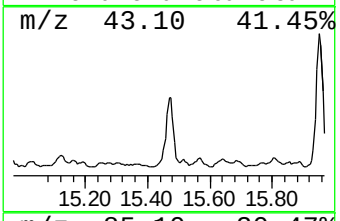


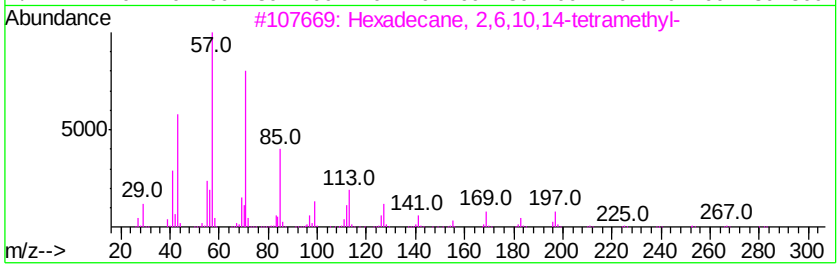


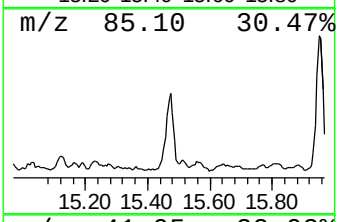


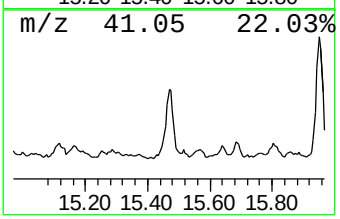












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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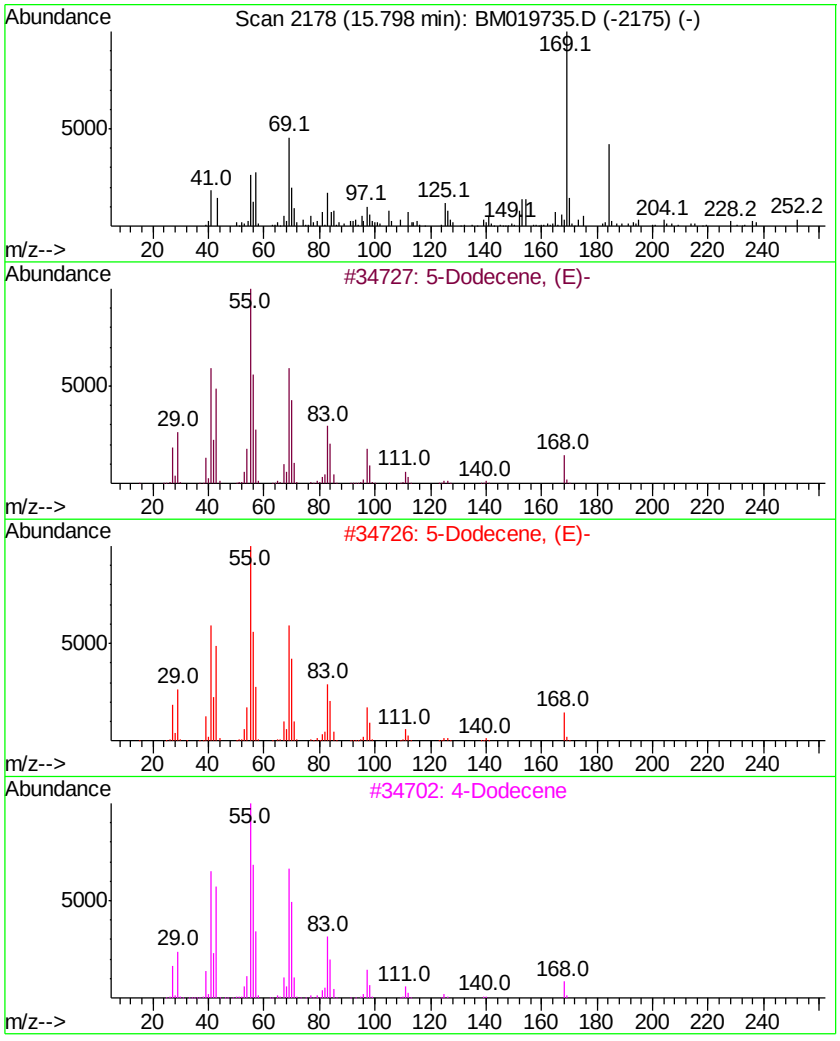
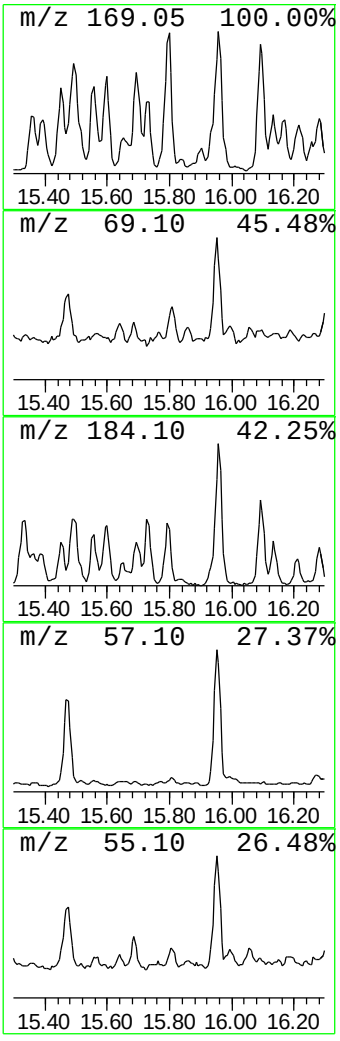
Peak Number 65 (DEL) Alkane: Cyclic15.80 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	2.11 ng/ul	273361	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Dodecene, (E)-	168	C12H24	007206-16-8	64
2	5-Dodecene, (E)-	168	C12H24	007206-16-8	64
3	4-Dodecene	168	C12H24	002030-84-4	53
4	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	49
5	6-Dodecene, (E)-	168	C12H24	007206-17-9	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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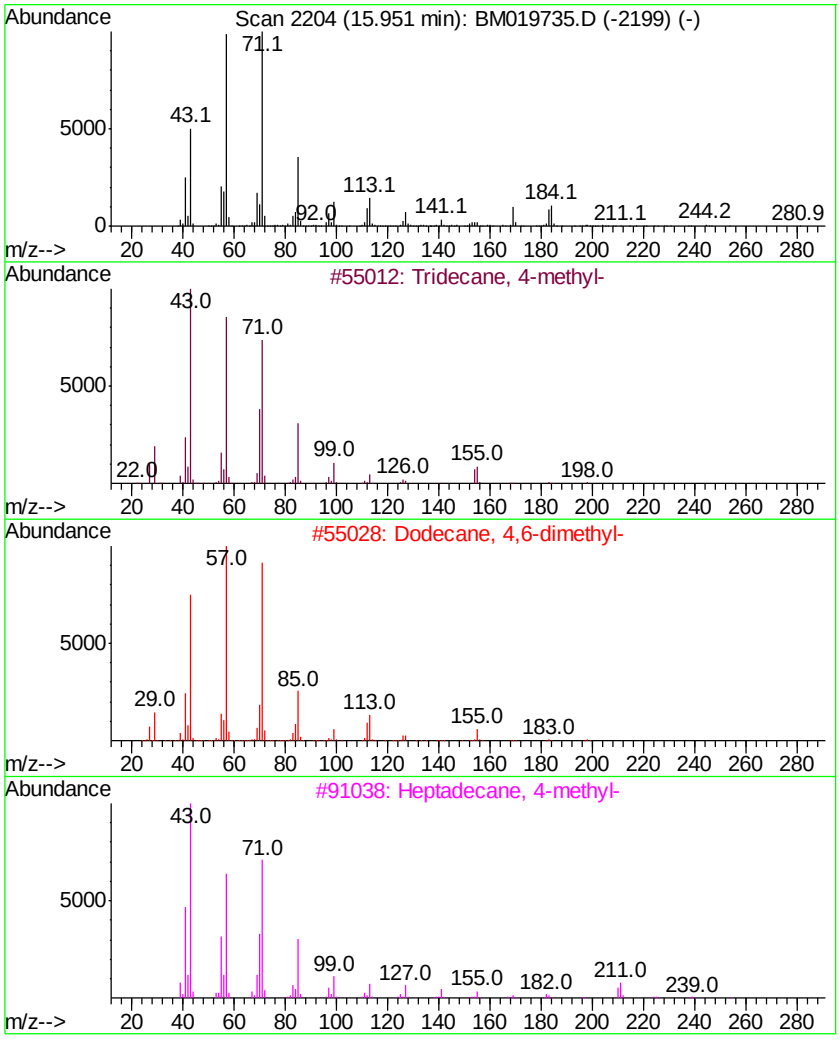
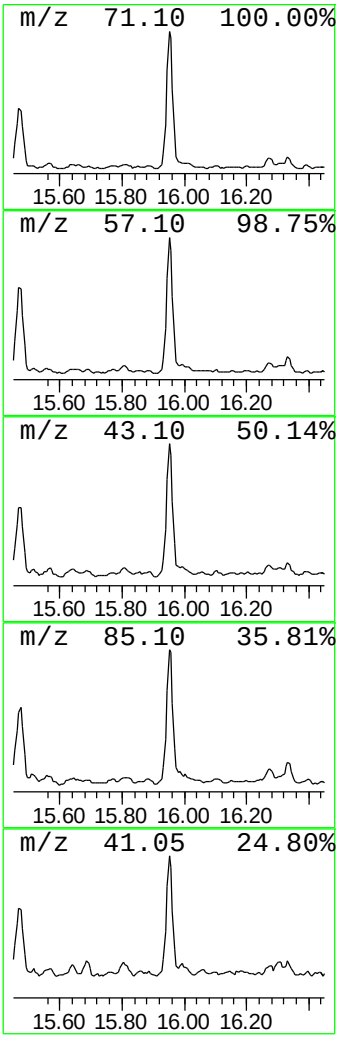
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	11.75 ng/ul	1520870	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	76
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
3	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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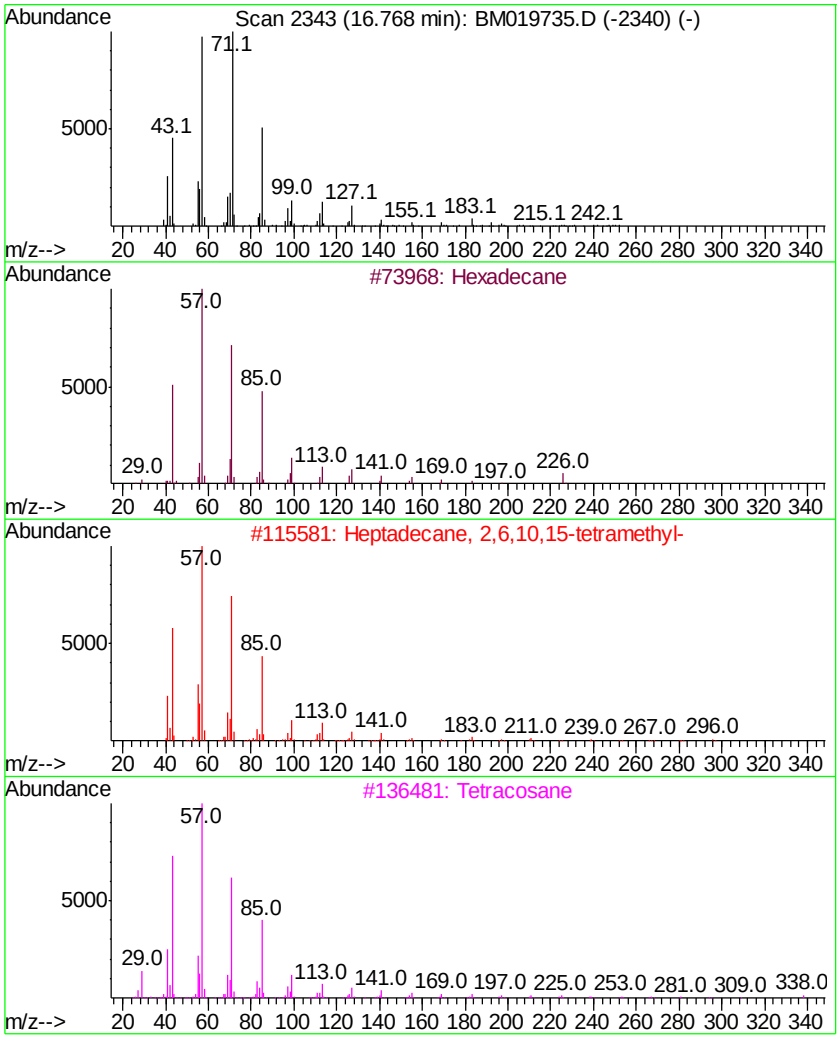
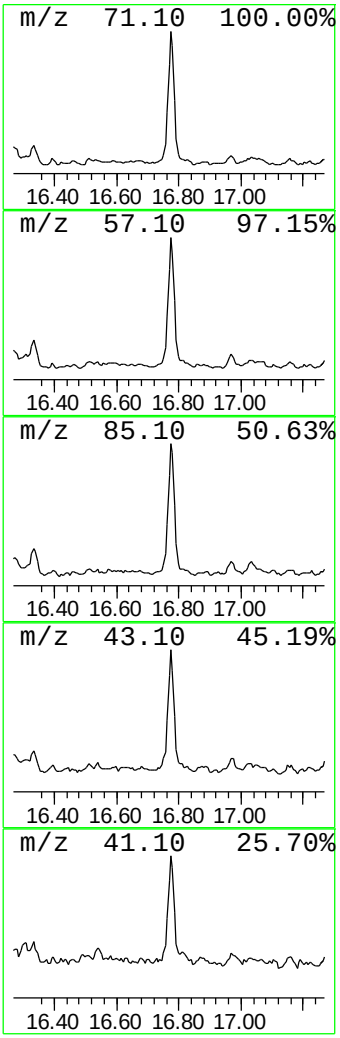
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	5.30 ng/ul	686512	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Tetracosane	338	C24H50	000646-31-1	80
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
5	Octadecane	254	C18H38	000593-45-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040219\
Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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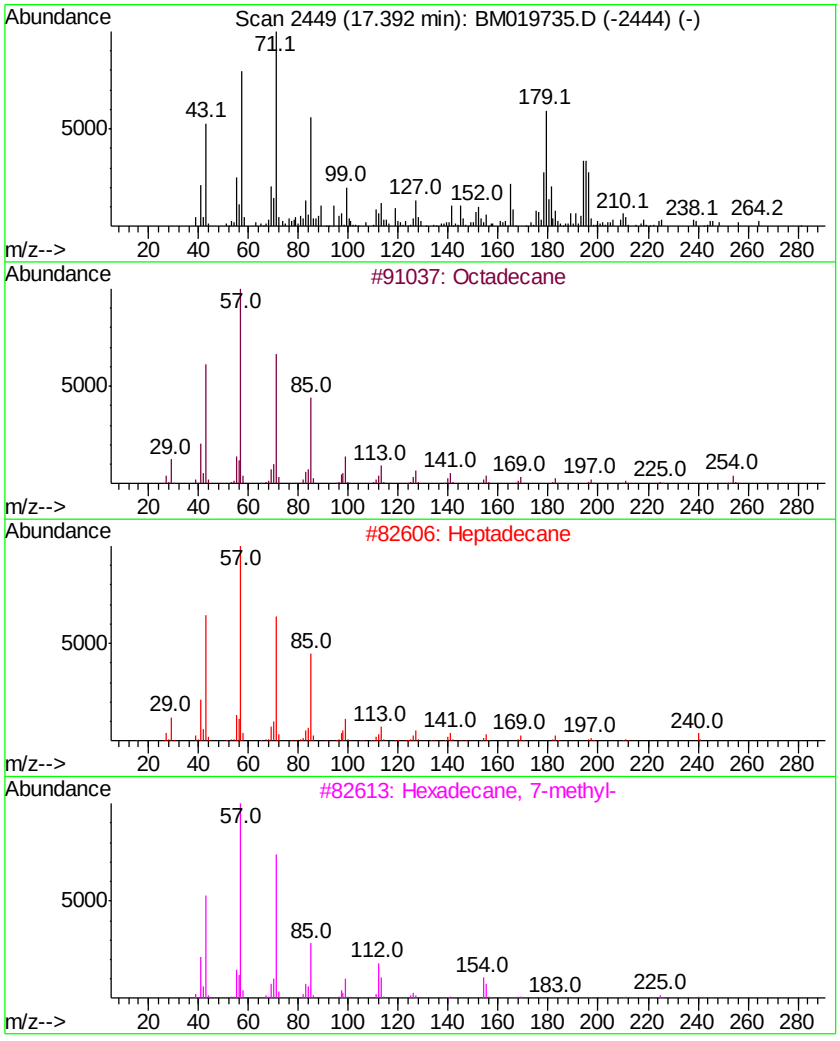
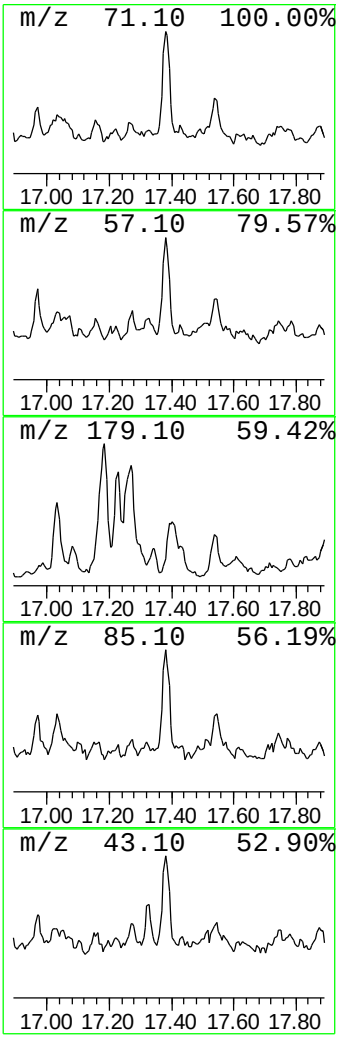
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	2.23 ng/ul	288130	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	43
2	Heptadecane	240	C17H36	000629-78-7	38
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	38
4	Docosane	310	C22H46	000629-97-0	38
5	Hexadecane	226	C16H34	000544-76-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF641DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	4.52	3.9	ng/ul	260491	1	7.56	1351500	20.0
(DEL) Alkane: Str...	5.01	7.7	ng/ul	519650	1	7.56	1351500	20.0
(DEL) Alkane: Str...	5.15	7.6	ng/ul	514443	1	7.56	1351500	20.0
(DEL) Alkane: Cyc...	5.82	7.5	ng/ul	506355	1	7.56	1351500	20.0
(DEL) Alkane: Str...	5.93	5.3	ng/ul	358982	1	7.56	1351500	20.0
Benzene, (1-methy...	6.05	4.7	ng/ul	316577	1	7.56	1351500	20.0
(DEL) Alkane: Str...	6.10	7.7	ng/ul	516660	1	7.56	1351500	20.0
(DEL) Alkane: Cyc...	6.18	8.7	ng/ul	590599	1	7.56	1351500	20.0
Benzene, propyl-	6.53	20.4	ng/ul	1375390	1	7.56	1351500	20.0
(DEL) Alkane: Cyc...	6.69	7.9	ng/ul	531162	1	7.56	1351500	20.0
Ethanone, 1-(1-me...	7.02	3.6	ng/ul	241383	1	7.56	1351500	20.0
Benzene, (2-methy...	7.42	3.8	ng/ul	257519	1	7.56	1351500	20.0
Oxirane, 2-methyl...	7.45	4.4	ng/ul	300243	1	7.56	1351500	20.0
(DEL) Alkane: Str...	7.50	13.3	ng/ul	896113	1	7.56	1351500	20.0
unknown-01	7.67	3.4	ng/ul	226392	1	7.56	1351500	20.0
(DEL) Alkane: Cyc...	7.82	3.8	ng/ul	254915	1	7.56	1351500	20.0
Indane	7.92	9.6	ng/ul	648646	1	7.56	1351500	20.0
Benzene, 1,3-diet...	8.04	16.1	ng/ul	1091040	1	7.56	1351500	20.0
1,2,3,4,5,8-Hexah...	8.19	15.0	ng/ul	1015120	1	7.56	1351500	20.0
Benzene, 1-methyl...	8.49	3.9	ng/ul	265004	1	7.56	1351500	20.0
Benzene, 4-ethyl-...	8.65	38.7	ng/ul	2612410	1	7.56	1351500	20.0
unknown-02	8.83	3.5	ng/ul	233992	1	7.56	1351500	20.0
4-Methylphenyl ac...	8.88	10.7	ng/ul	720488	1	7.56	1351500	20.0
unknown-03	8.98	4.6	ng/ul	353775	2	10.35	1529930	20.0
Benzene, 1,2,4,5-...	9.16	19.2	ng/ul	1467840	2	10.35	1529930	20.0
Benzene, (2-methy...	9.53	4.2	ng/ul	320464	2	10.35	1529930	20.0
Benzene, 1-etheny...	9.59	17.3	ng/ul	1320790	2	10.35	1529930	20.0
2,4-Dimethylstyrene	9.74	31.2	ng/ul	2386330	2	10.35	1529930	20.0
Benzene, 1,3-diet...	9.80	3.4	ng/ul	258188	2	10.35	1529930	20.0
Benzene, 1-ethyl-...	9.92	8.6	ng/ul	659698	2	10.35	1529930	20.0
1H-Indene, 2,3-di...	10.25	4.7	ng/ul	362808	2	10.35	1529930	20.0
(DEL) Alkane: Str...	10.47	27.3	ng/ul	2089230	2	10.35	1529930	20.0
unknown-04	10.70	4.4	ng/ul	338329	2	10.35	1529930	20.0
Benzene, 1-ethyl-...	10.75	4.9	ng/ul	374260	2	10.35	1529930	20.0
(DEL) Alkane: Cyc...	10.80	7.9	ng/ul	602980	2	10.35	1529930	20.0
2-Ethyl-2,3-dihyd...	10.99	3.1	ng/ul	236929	2	10.35	1529930	20.0
(DEL) Alkane: Str...	11.15	3.6	ng/ul	273472	2	10.35	1529930	20.0
.alpha.,.beta.,.b...	11.23	13.3	ng/ul	1014380	2	10.35	1529930	20.0
(DEL) Alkane: Str...	11.33	24.5	ng/ul	1875400	2	10.35	1529930	20.0
unknown-05	11.44	3.8	ng/ul	288867	2	10.35	1529930	20.0
Naphthalene, 1,2,...	11.53	4.2	ng/ul	318686	2	10.35	1529930	20.0
(DEL) Alkane: Cyc...	11.59	5.7	ng/ul	438795	2	10.35	1529930	20.0
Naphthalene, 1-me...	12.24	18.2	ng/ul	1391840	2	10.35	1529930	20.0
(DEL) Alkane: Str...	12.39	3.7	ng/ul	445672	3	14.23	2425610	20.0
(DEL) Alkane: Cyc...	12.46	3.7	ng/ul	446424	3	14.23	2425610	20.0
(DEL) Alkane: Str...	12.72	9.4	ng/ul	1136550	3	14.23	2425610	20.0
(DEL) Alkane: Str...	13.03	2.0	ng/ul	246613	3	14.23	2425610	20.0
(DEL) Alkane: Str...	15.47	9.2	ng/ul	1116880	3	14.23	2425610	20.0
(DEL) Alkane: Cyc...	15.80	2.1	ng/ul	273361	4	16.99	2589300	20.0

(DEL) Alkane: Str...	15.95	11.8	ng/ul	1520870	4	16.99	2589300	20.0
(DEL) Alkane: Str...	16.77	5.3	ng/ul	686512	4	16.99	2589300	20.0
(DEL) Alkane: Str...	17.39	2.2	ng/ul	288130	4	16.99	2589300	20.0

Instrument :
BNA_M
ClientSampleId :
BF641DL