LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

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-BM111119MA.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	3.640	122	128	148	rBV	2021052	4937303	10.34%	0.812%
2	3.787	148	153	168	rVB	5474053	7941283	16.64%	1.306%
3	5.087	368	374	381	rVV	2443670	3573939	7.49%	0.588%
4	5.216	391	396	405	rVV	5276828	10589645	22.18%	1.741%
5	5.581	451	458	467	rVV	5316535	8830385	18.50%	1.452%
6	6.222	557	567	576	rVB6	444094	1381638	2.89%	0.227%
7	6.540	614	621	628	rBV2	1011576	2285565	4.79%	0.376%
8	6.651	632	640	645	rVV	2934450	4645207	9.73%	0.764%
9	6.710	645	650	658	rVV4	1857470	4236752	8.88%	0.697%
10	6.781	658	662	669	rVB	2201878	3409471	7.14%	0.561%
11	6.893	675	681	686	rBV	1857937	3037784	6.36%	0.500%
12	6.945	686	690	696	rVB	1714158	2446571	5.13%	0.402%
13	7.087	709	714	719	rVB	1797542	2741013	5.74%	0.451%
14	7.204	727	734	743	rBV	8912935	14577931	30.54%	2.397%
15	7.545	786	792	797	rBV	2277826	3668779	7.69%	0.603%
16	7.663	803	812	823	rVB	2964537	5299724	11.10%	0.871%
17	7.792	830	834	839	rBV	970018	1659658	3.48%	0.273%
18	7.916	849	855	860	rVB2	1373564	2507025	5.25%	0.412%
19	8.004	860	870	875	rBV2	10877637	19124989	40.06%	3.145%
20	8.098	881	886	892	rVB2	1313265	2188244	4.58%	0.360%
21	8.187	892	901	910	rBV3	3692068	7534673	15.78%	1.239%
22	8.263	910	914	920	rVB	1627995	2673062	5.60%	0.440%
23	8.351	920	929	938	rVB4	1492040	3773498	7.90%	0.621%
24	8.439	938	944	949	rBV	1077629	1744707	3.65%	0.287%
25	8.504	950	955	959	rBV	921135	1433558	3.00%	0.236%
26	8.551	959	963	970	rVB	1095289	1738213	3.64%	0.286%
27	8.651	971	980	984	rBV	2374565	4302537	9.01%	0.708%
28	8.698	984	988	998	rVB2	2115937	4556290	9.54%	0.749%
29	8.786	998	1003	1012	rVB2	2973713	5321968	11.15%	0.875%
30	8.904	1012	1023	1028	rBV8	538565	1625952	3.41%	0.267%
31	8.969	1028	1034	1041	rBV2	3035321	5352648	11.21%	0.880%
32	9.169	1064	1068	1072	rBV	1100519	1591669	3.33%	0.262%
33	9.228	1073	1078	1086	rVB	1893562	3454494	7.24%	0.568%
34	9.316	1087	1093	1104	rVB	2647867	4597667	9.63%	0.756%

LSC Area Percent Report

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Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

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-BM111119MA.M
Title : SVOA CALIBRATION

35	9.416	1104	1110	1116	rBV2	1808352	3287597	6.89%	0.541%
36	9.539	1123	1131	1134	rBV	21603435	43617553	91.37%	7.173%
37	9.733	1154	1164	1168	rBV5	2485767	6501152	13.62%	1.069%
38	9.775	1168	1171	1175	rVV2	2377632	3893660	8.16%	0.640%
39	9.857	1175	1185	1190	rVB	22343957	47735938	100.00%	7.850%
40	9.992	1195	1208	1213	rBV2	8281048	19467305	40.78%	3.201%
41	10.045	1213	1217	1226	rVB4	934705	1994691	4.18%	0.328%
42	10.145	1226	1234	1241	rBV	13857361	24316982	50.94%	3.999%
43	10.228	1241	1248	1253	rBV	6816739	11612867	24.33%	1.910%
44	10.328	1259	1265	1269	rBV2	3598847	5392592	11.30%	0.887%
45	10.381	1269	1274	1278	rBV	4811004	8702887	18.23%	1.431%
46	10.463	1283	1288	1301	rVB5	3198672	8554750	17.92%	1.407%
47	10.639	1311	1318	1324	rVB2	3121256	5299956	11.10%	0.872%
48	10.710	1324	1330	1341	rBV3	1967063	5045223	10.57%	0.830%
49	10.892	1355	1361	1368	rBV2	2671944	5401737	11.32%	0.888%
50	10.963	1368	1373	1381	rVB4	1447863	3483560	7.30%	0.573%
51	11.145	1397	1404	1408	rBV	15394774	26919275	56.39%	4.427%
52	11.369	1436	1442	1447	rBV3	1933163	3597236	7.54%	0.592%
53	11.422	1447	1451	1456	rBV2	1463368	2487757	5.21%	0.409%
54	11.745	1495	1506	1510	rVV6	2774109	7713274	16.16%	1.268%
55	11.780	1510	1512	1519	rVB	1619961	2134337	4.47%	0.351%
56	11.998	1539	1549	1555	rBV	3456085	6171411	12.93%	1.015%
57	12.063	1555	1560	1564	rVV2	656700	1334432	2.80%	0.219%
58	12.222	1582	1587	1594	rVB	2746432	4277820	8.96%	0.703%
59	12.769	1674	1680	1692	rVB2	1246407	3154519	6.61%	0.519%
60	13.051	1723	1728	1733	rVV2	2964721	4784091	10.02%	0.787%
61	13.127	1736	1741	1746	rVB	2655951	4067335	8.52%	0.669%
62	13.369	1774	1782	1786	rBV4	948992	2516292	5.27%	0.414%
63	13.451	1792	1796	1803	rVV4	996050	1723713	3.61%	0.283%
64	13.527	1804	1809	1814	rVV2	1028849	2198044	4.60%	0.361%
65	13.580	1814	1818	1822	rVV2	1214358	2176069	4.56%	0.358%
66	13.627	1822	1826	1830	rVB	4769152	6272291	13.14%	1.031%
67	13.716	1836	1841	1844	rVB4	1005203	1542644	3.23%	0.254%
68	13.763	1844	1849	1854	rBV	10842531	14415832	30.20%	2.371%
69	13.892	1864	1871	1876	rBV	5986602	10217730	21.40%	1.680%
70	13.980	1882	1886	1891	rVB	2247182	3315243	6.94%	0.545%
71	14.069	1893	1901	1903	rBV4	1042191	2159610	4.52%	0.355%

LSC Area Percent Report

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Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

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-BM111119MA.M
Title : SVOA CALIBRATION

72	14.104	1903	1907	1910	rVV	1452311	2045674	4.29%	0.336%
73	14.133	1910	1912	1916	rVB	1201059	1247134	2.61%	0.205%
74	14.204	1918	1924	1929	rBV2	3934968	6639742	13.91%	1.092%
75	15.045	2063	2067	2071	rVV	2071901	2922188	6.12%	0.481%
76	15.092	2071	2075	2084	rVB3	1647834	3597765	7.54%	0.592%
77	15.204	2089	2094	2099	rVB	6440277	8982197	18.82%	1.477%
78	15.586	2157	2159	2165	rVB2	1012868	1366360	2.86%	0.225%
79	15.786	2189	2193	2200	rVB4	1248424	1832258	3.84%	0.301%
80	15.957	2218	2222	2224	rBV3	1392909	1886921	3.95%	0.310%
81	16.062	2237	2240	2244	rBV	1090210	1489061	3.12%	0.245%
82	16.321	2279	2284	2290	rBV2	2226307	4502364	9.43%	0.740%
83	16.574	2322	2327	2338	rVB2	4692254	7662790	16.05%	1.260%
84	16.745	2353	2356	2360	rBV	1355689	1778793	3.73%	0.293%
85	16.798	2363	2365	2375	rVB	1261164	1861092	3.90%	0.306%
86	16.957	2388	2392	2395	rBV	2579219	3641589	7.63%	0.599%
87	16.992	2395	2398	2402	rVV2	1700813	2552181	5.35%	0.420%
88	17.051	2404	2408	2419	rVB	6587961	10369043	21.72%	1.705%
89	17.368	2459	2462	2466	rVB2	1756063	2047389	4.29%	0.337%
90	17.480	2478	2481	2486	rVB2	2286373	3018364	6.32%	0.496%
91	17.886	2547	2550	2555	rVB2	1647637	2154597	4.51%	0.354%
92	18.098	2583	2586	2591	rVB	1450715	1604865	3.36%	0.264%
93	18.180	2597	2600	2605	rVB	1871560	2178606	4.56%	0.358%
94	18.645	2677	2679	2684	rVB2	1289026	1527215	3.20%	0.251%
95	18.821	2706	2709	2713	rVB	2047802	2314908	4.85%	0.381%
96	19.356	2796	2800	2806	rBV2	7235951	11541794	24.18%	1.898%
97	19.939	2897	2899	2903	rVB	1714520	1716986	3.60%	0.282%
98	20.868	3053	3057	3060	rBV2	6906721	9457050	19.81%	1.555%
99	22.015	3247	3252	3260	rVB	17152190	22590623	47.32%	3.715%
100	23.191	3448	3452	3457	rVB	4660509	7319182	15.33%	1.204%

Sum of corrected areas: 608119978

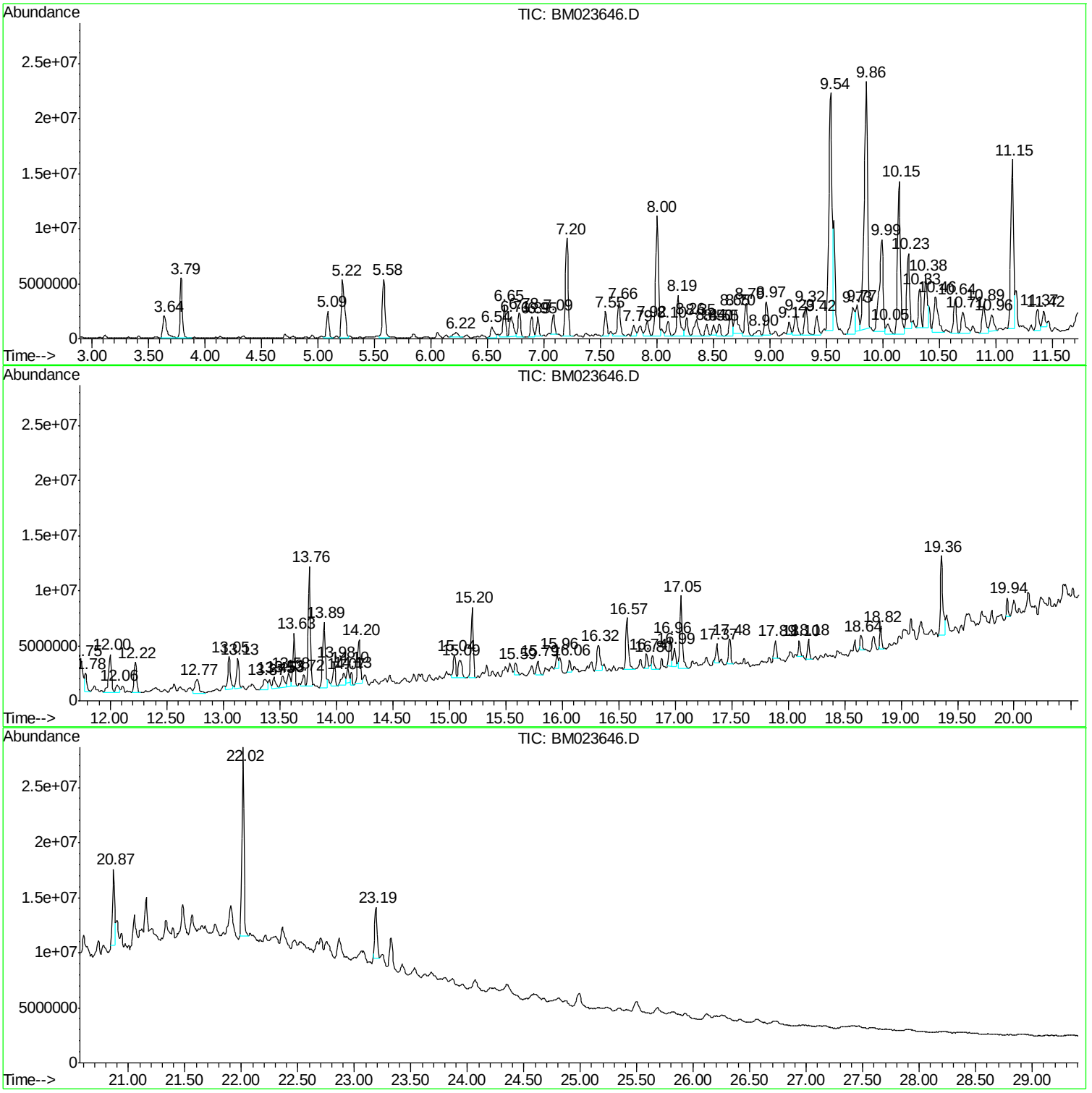
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

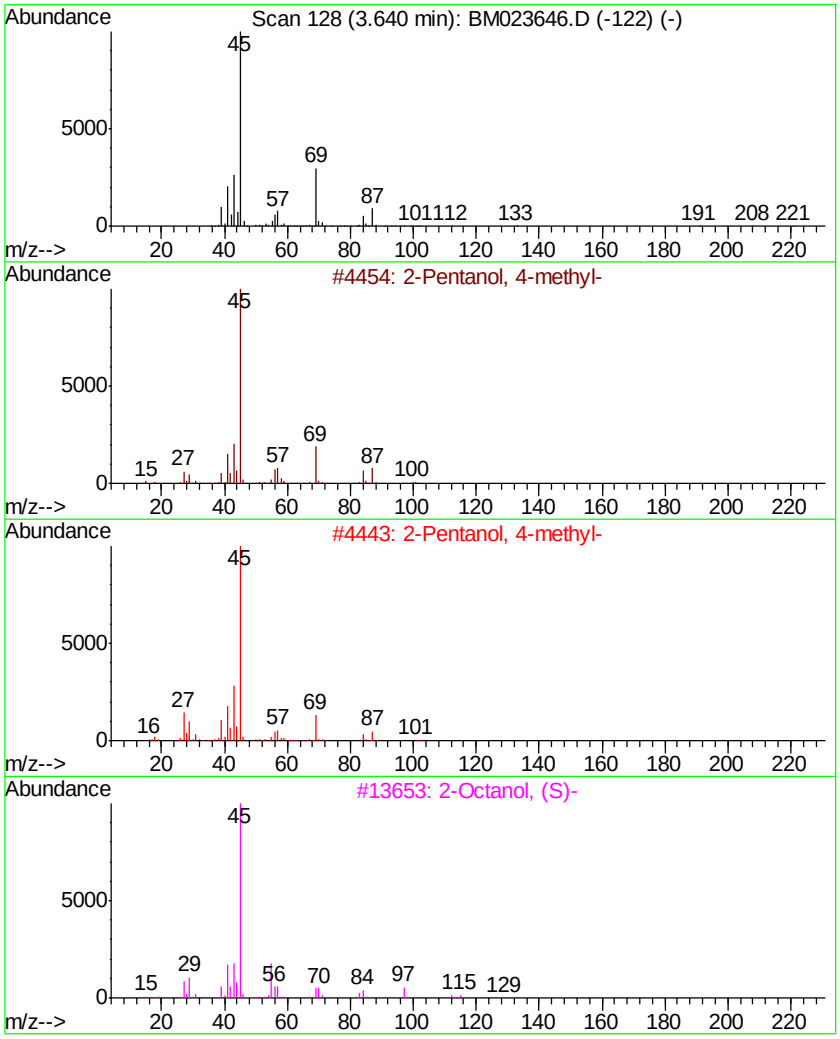
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

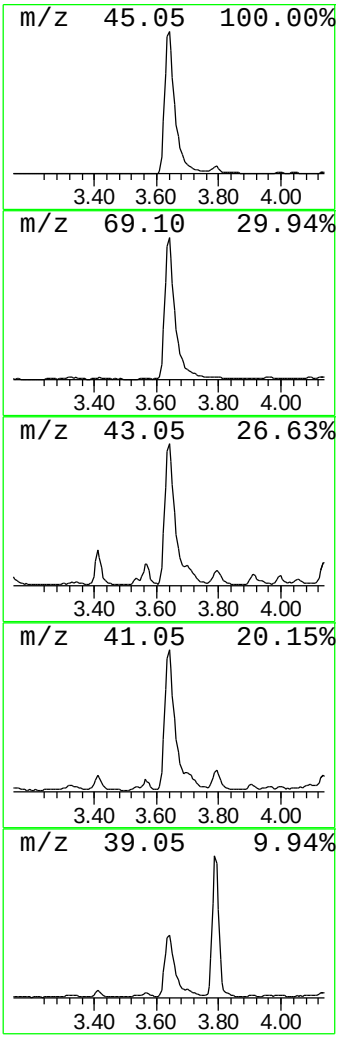
****

Peak Number 1 2-Pentanol, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.64	26.92 ng/ul	4937300	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
3	2-Octanol, (S)-	130	C8H18O	006169-06-8	78
4	2-Octanol	130	C8H18O	000123-96-6	78
5	2-Octanol, (R)-	130	C8H18O	005978-70-1	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

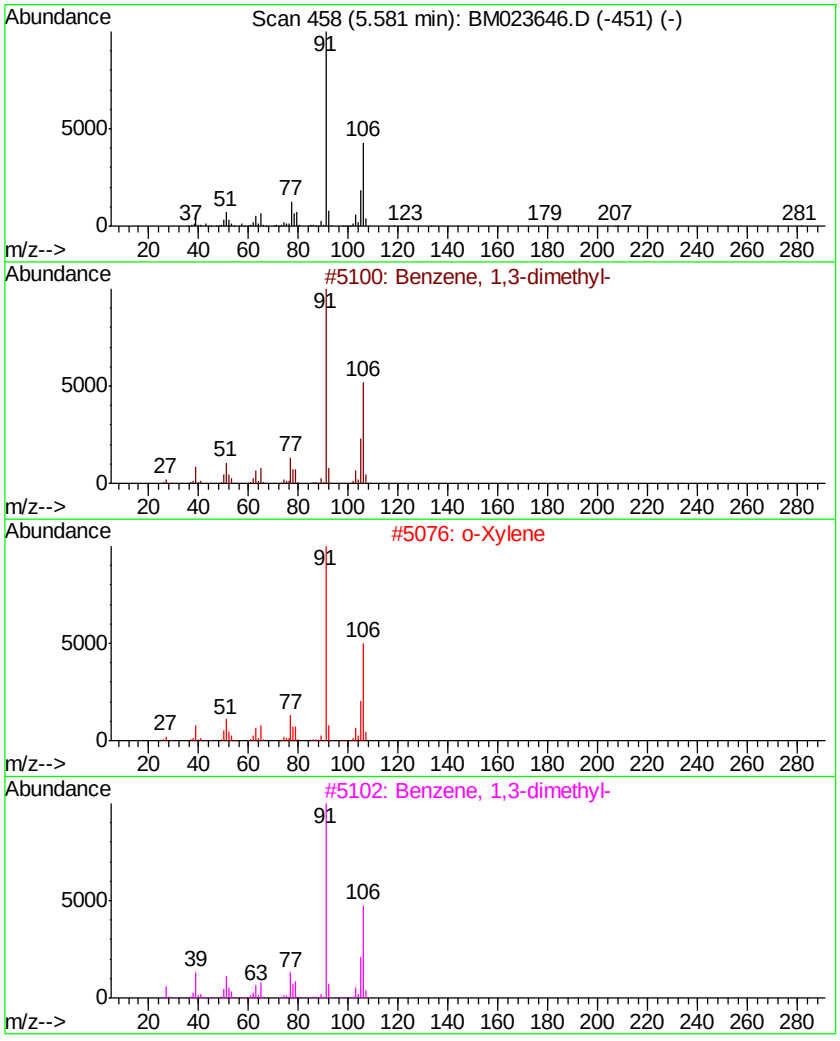
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

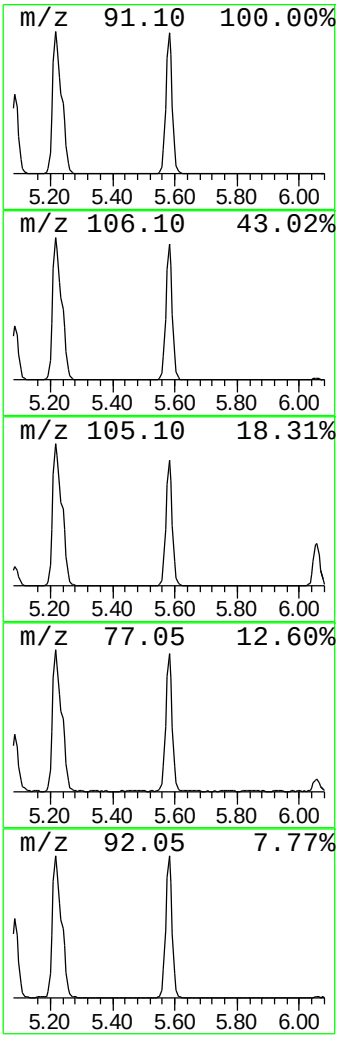
****

Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	48.14 ng/ul	8830390	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4	p-Xylene	106	C8H10	000106-42-3	95
5	p-Xylene	106	C8H10	000106-42-3	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
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Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

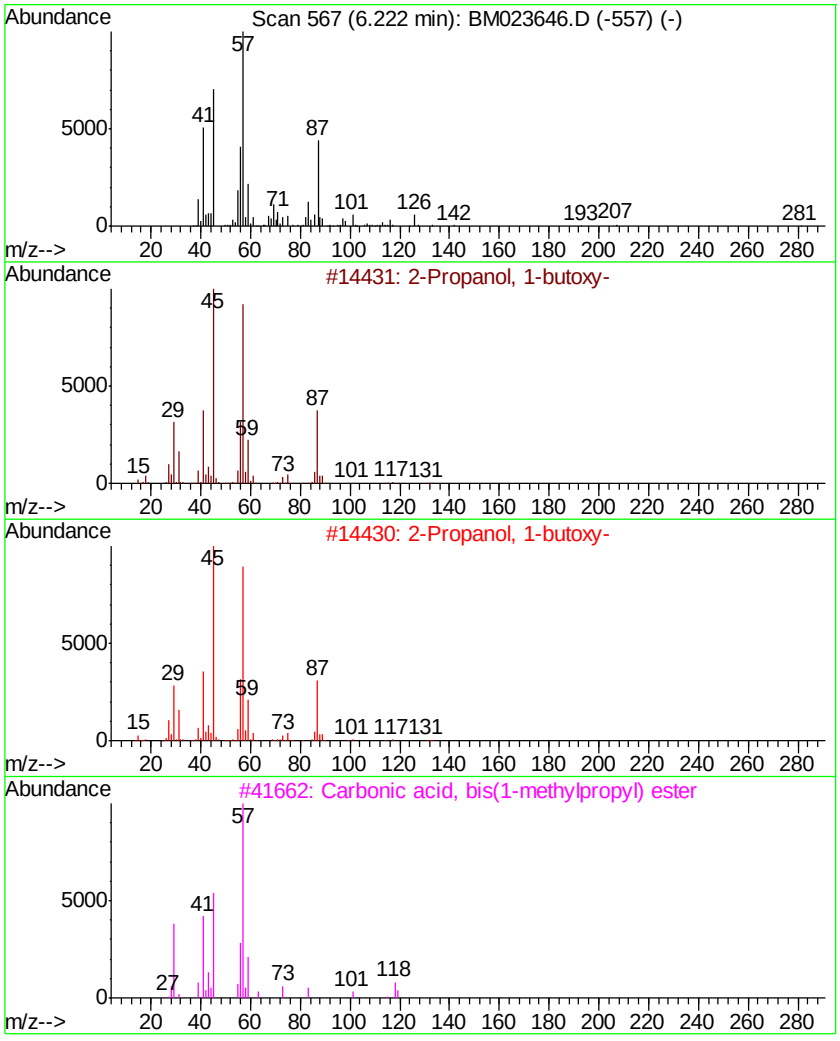
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

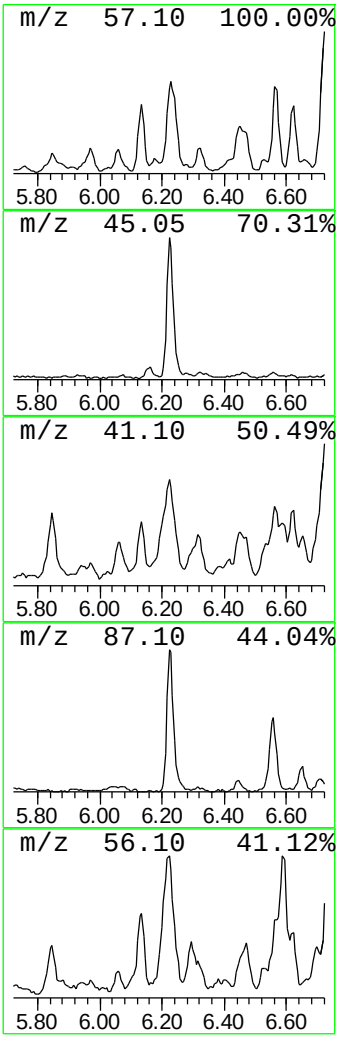
****

Peak Number 6 2-Propanol, 1-butoxy- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	7.53 ng/ul	1381640	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	78
2	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	78
3	Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	50
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	45
5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
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Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

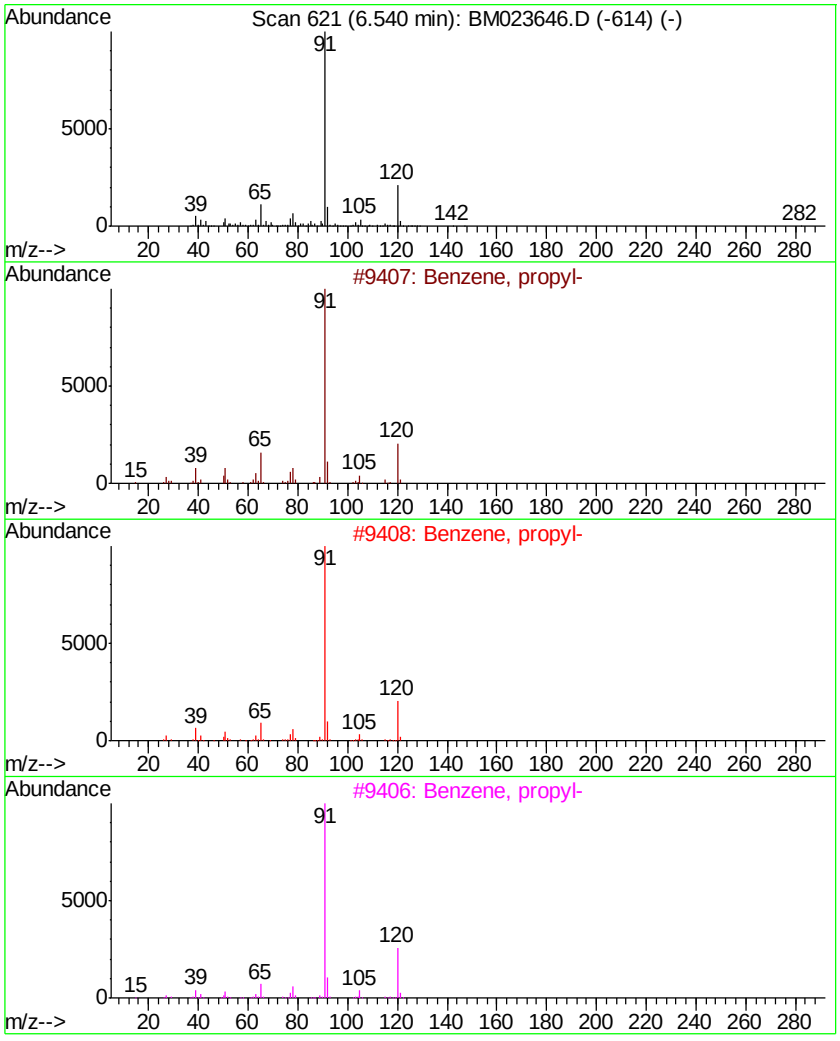
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

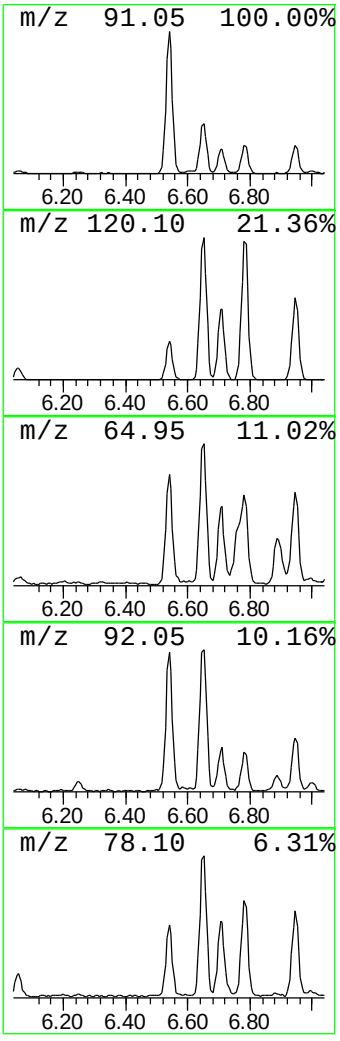
****

Peak Number 7 Benzene, propyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	12.46 ng/ul	2285570	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

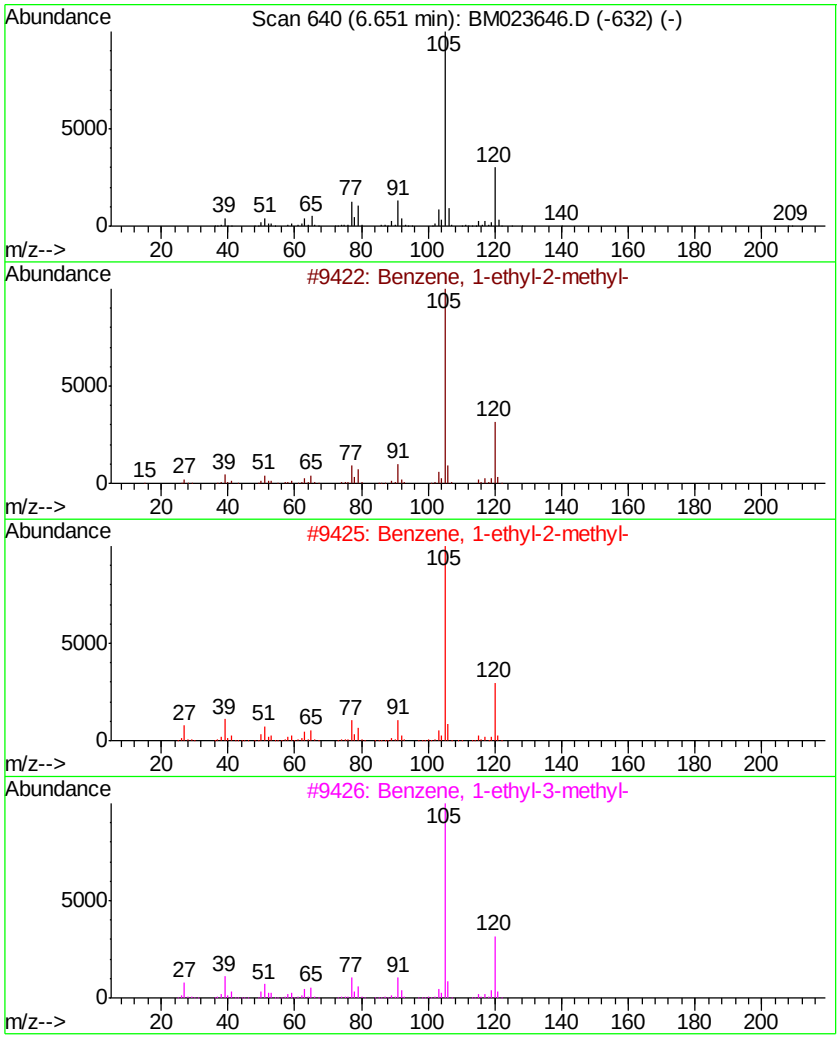
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

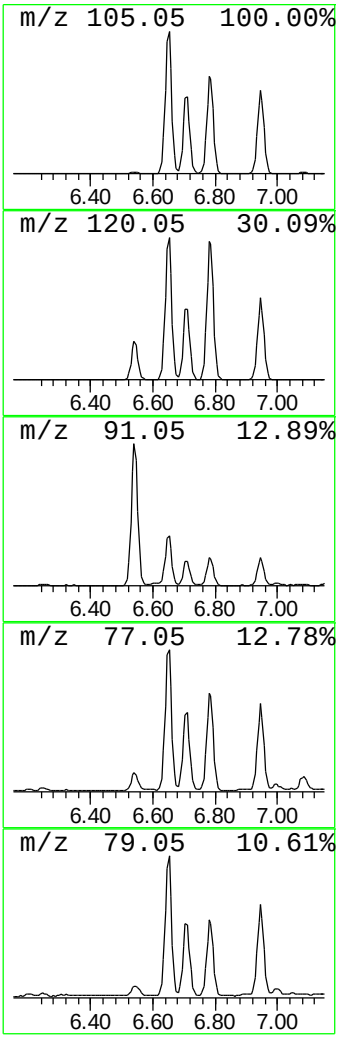
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	25.32 ng/ul	4645210	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

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Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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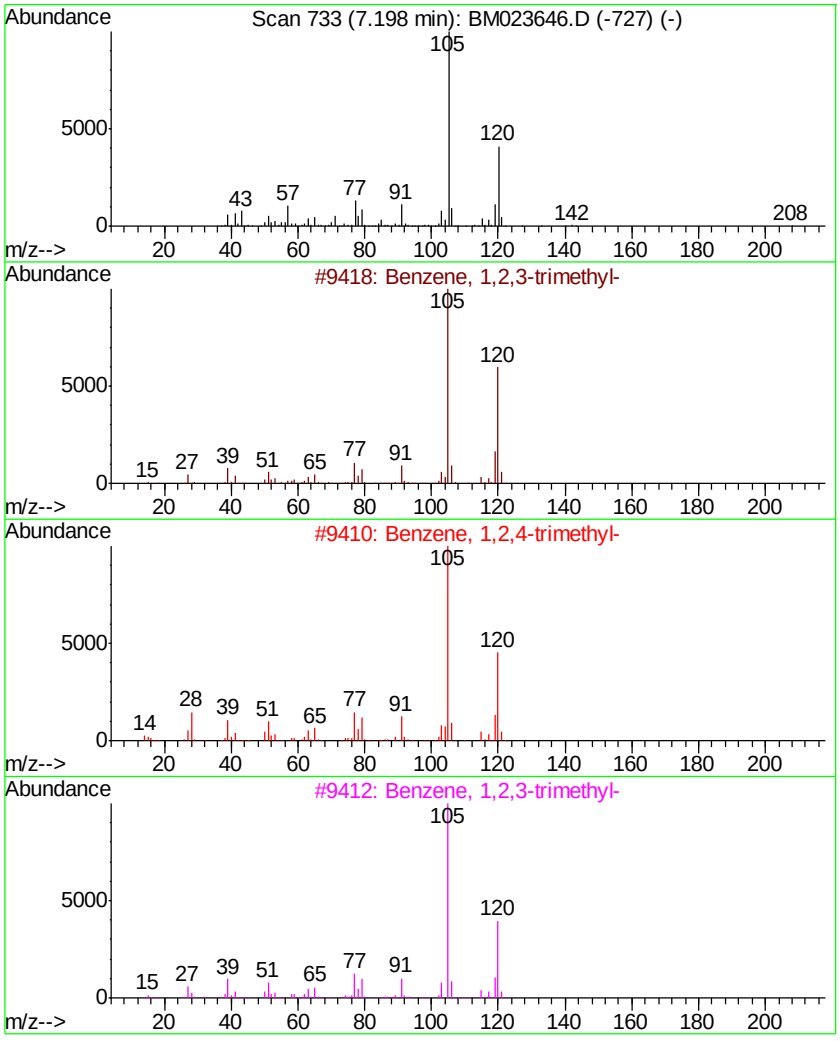
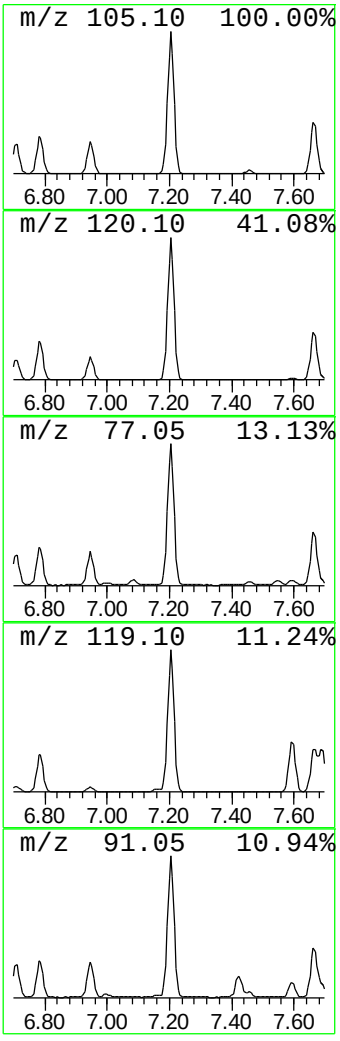
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	79.47 ng/ul	14577900	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

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Operator : JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

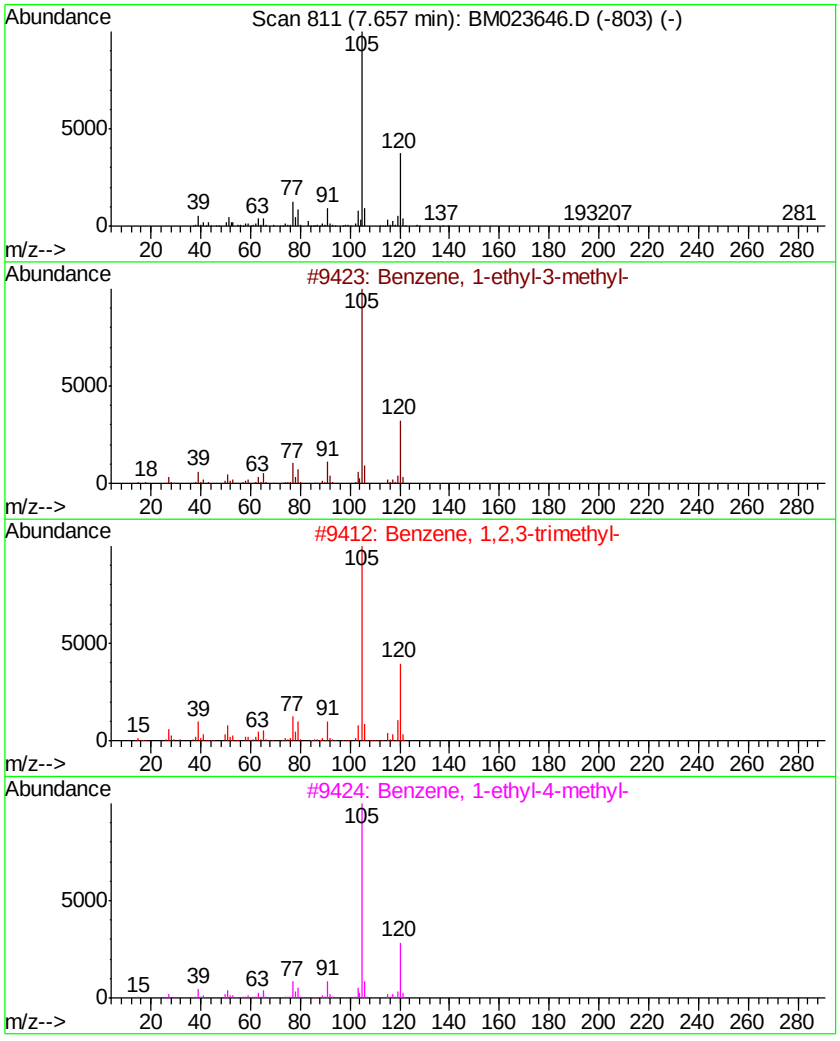
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

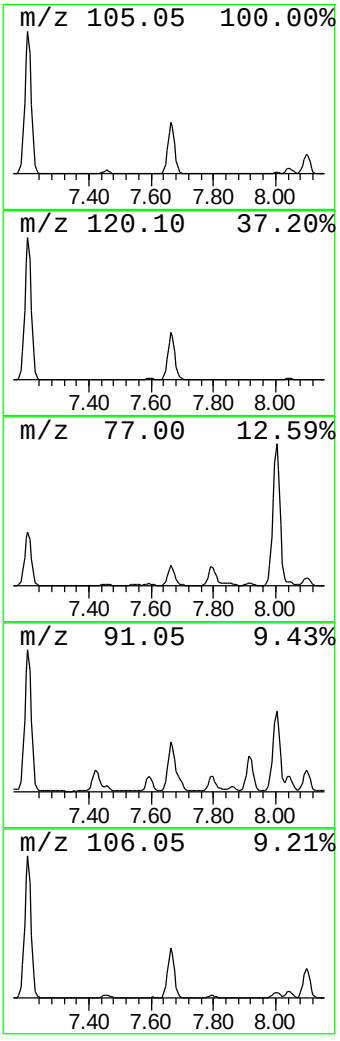
****

Peak Number 11 Benzene, 1-ethyl-3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	28.89 ng/ul	5299720	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

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Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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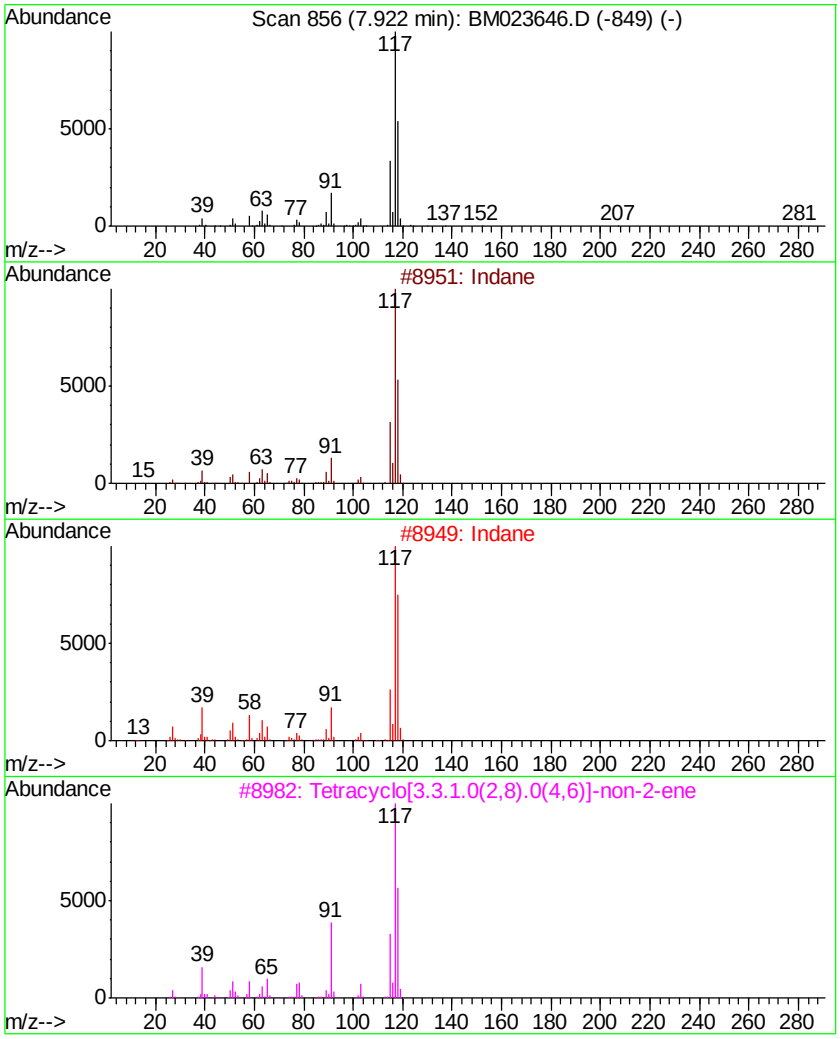
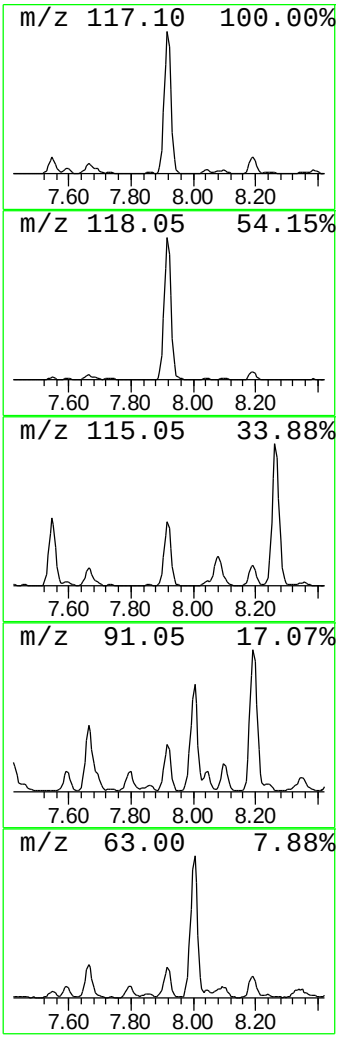
Peak Number 13 Indane Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	13.67 ng/ul	2507030	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	87
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





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Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

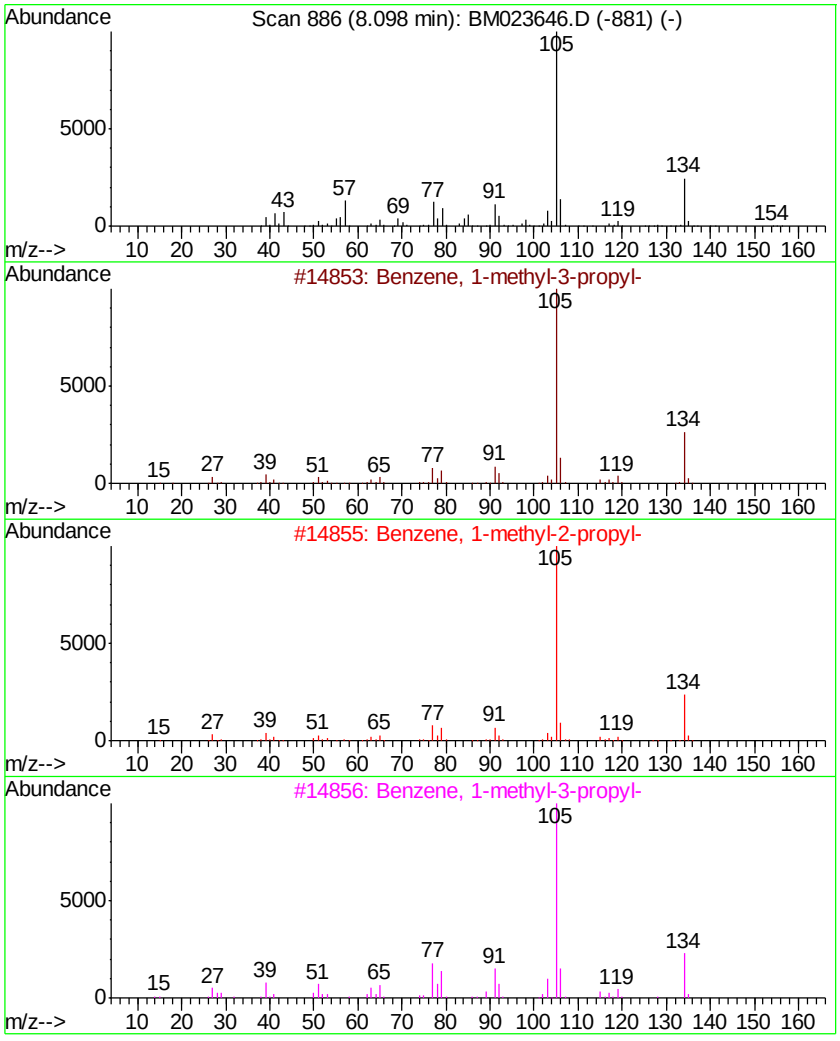
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

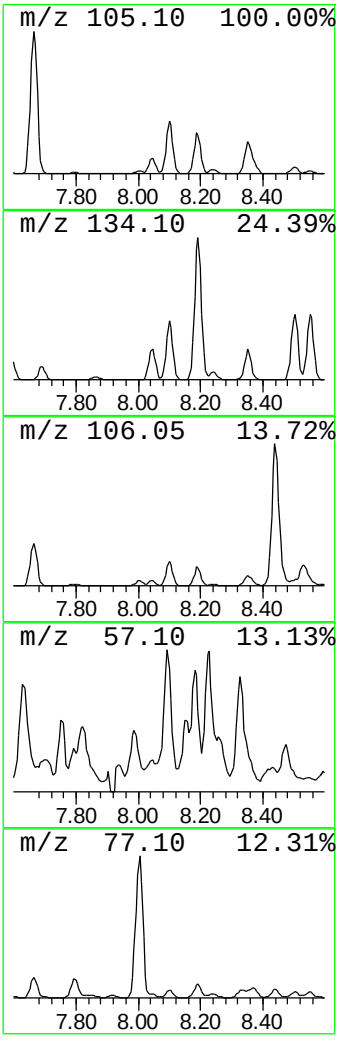
****

Peak Number 14 Benzene, 1-methyl-3-propyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	11.93 ng/ul	2188240	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87





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Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

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Quant Title : SVOA CALIBRATION

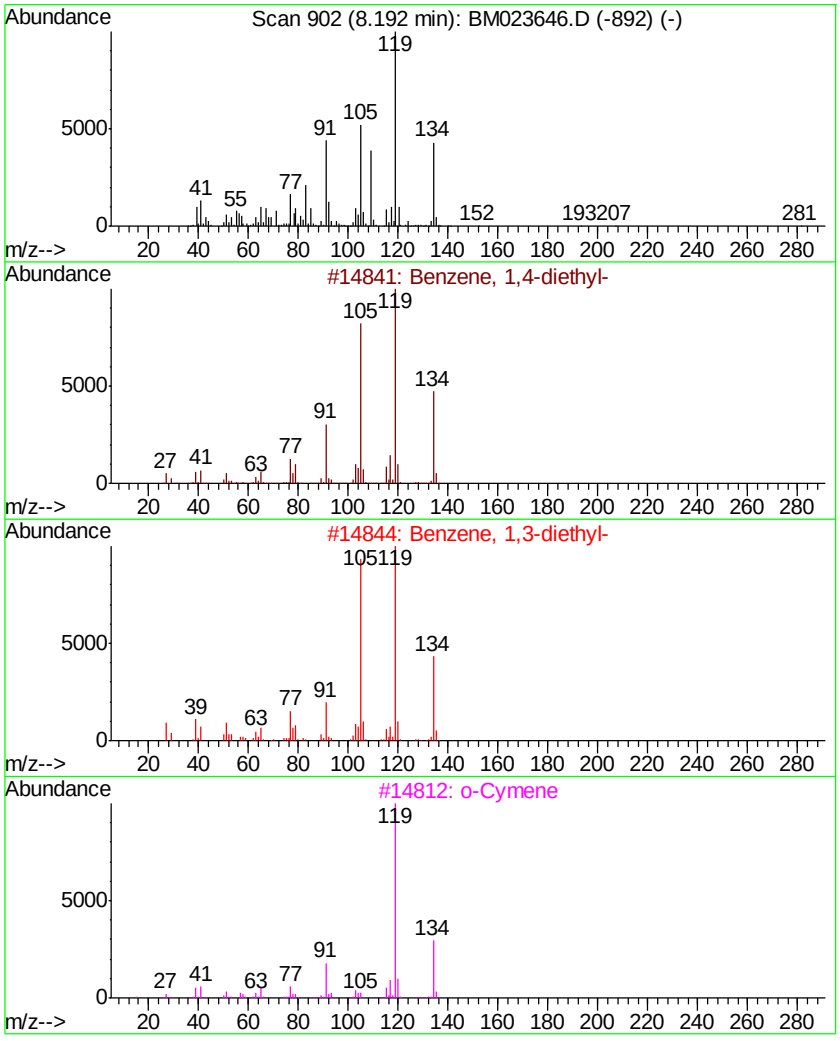
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

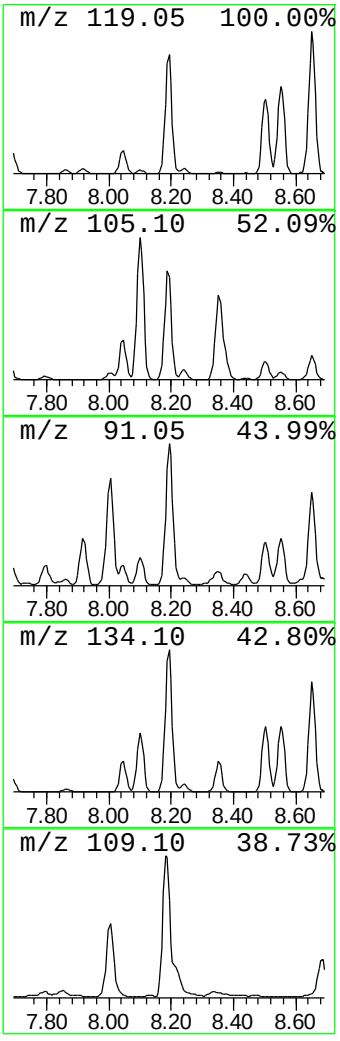
****

Peak Number 15 Benzene, 1,4-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	41.07 ng/ul	7534670	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3	o-Cymene	134	C10H14	000527-84-4	83
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70





Library Search Compound Report

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Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

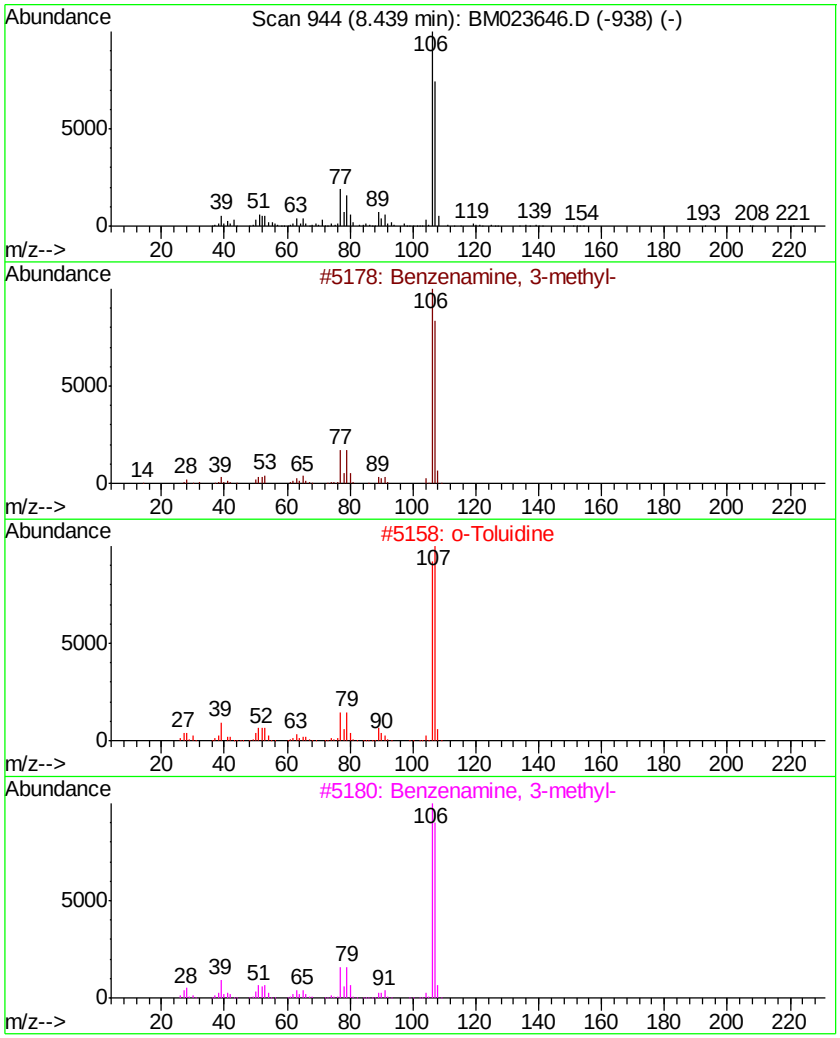
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

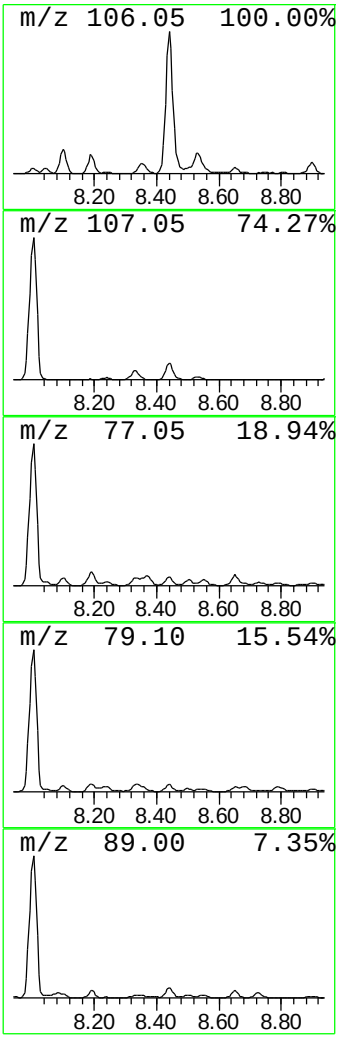
****

Peak Number 16 Benzenamine, 3-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	9.51 ng/ul	1744710	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95
2	o-Toluidine	107	C7H9N	000095-53-4	95
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95
4	o-Toluidine	107	C7H9N	000095-53-4	95
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	94





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Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

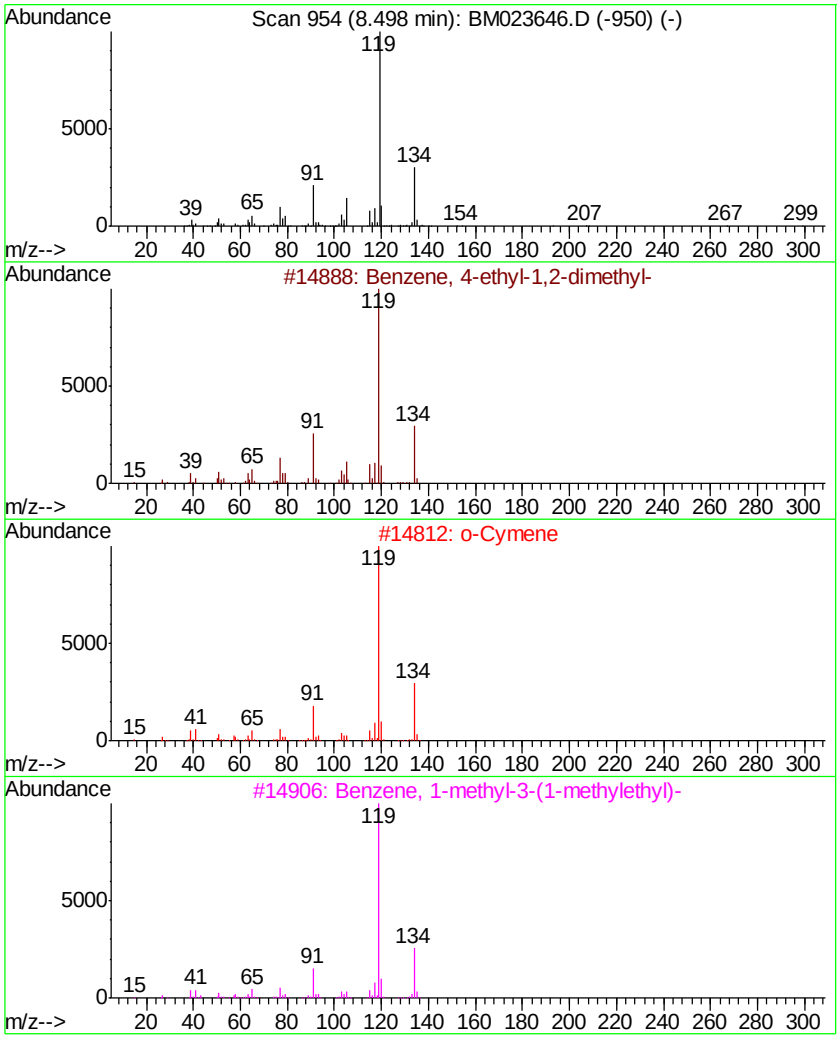
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

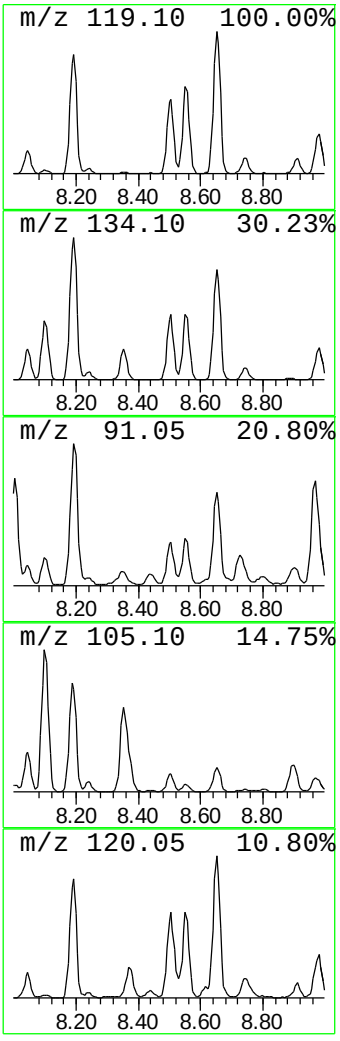
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	7.81 ng/ul	1433560	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	94





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BF6M1

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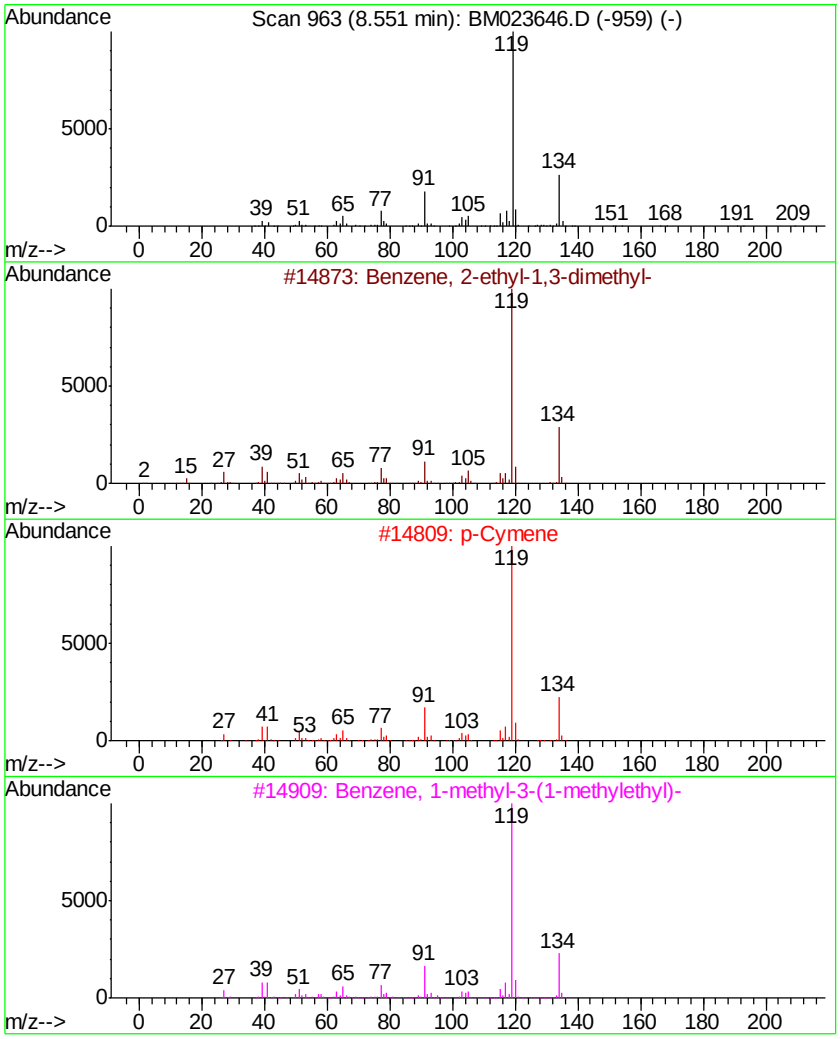
Quant Title : SVOA CALIBRATION

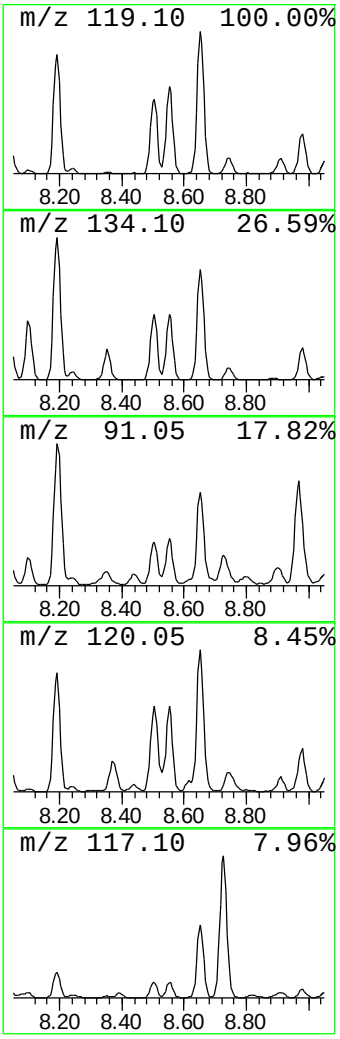
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	9.48 ng/ul	1738210	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

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Quant Title : SVOA CALIBRATION

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

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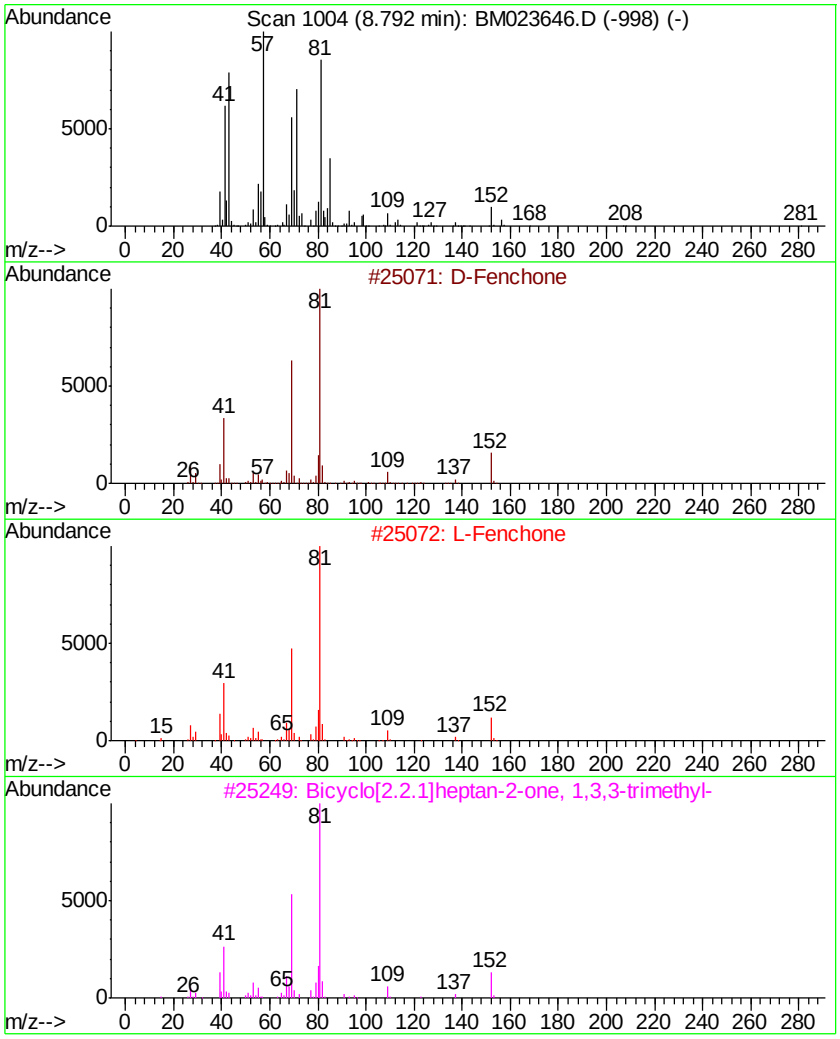
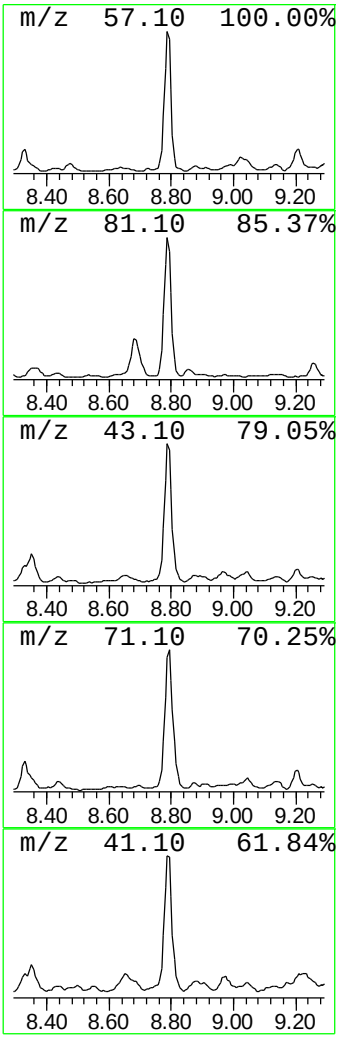
Peak Number 19 D-Fenchone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	29.01 ng/ul	5321970	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Fenchone	152	C10H16O	004695-62-9	50
2	L-Fenchone	152	C10H16O	007787-20-4	50
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	50
4	L-Fenchone	152	C10H16O	007787-20-4	50
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	46





Library Search Compound Report

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Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 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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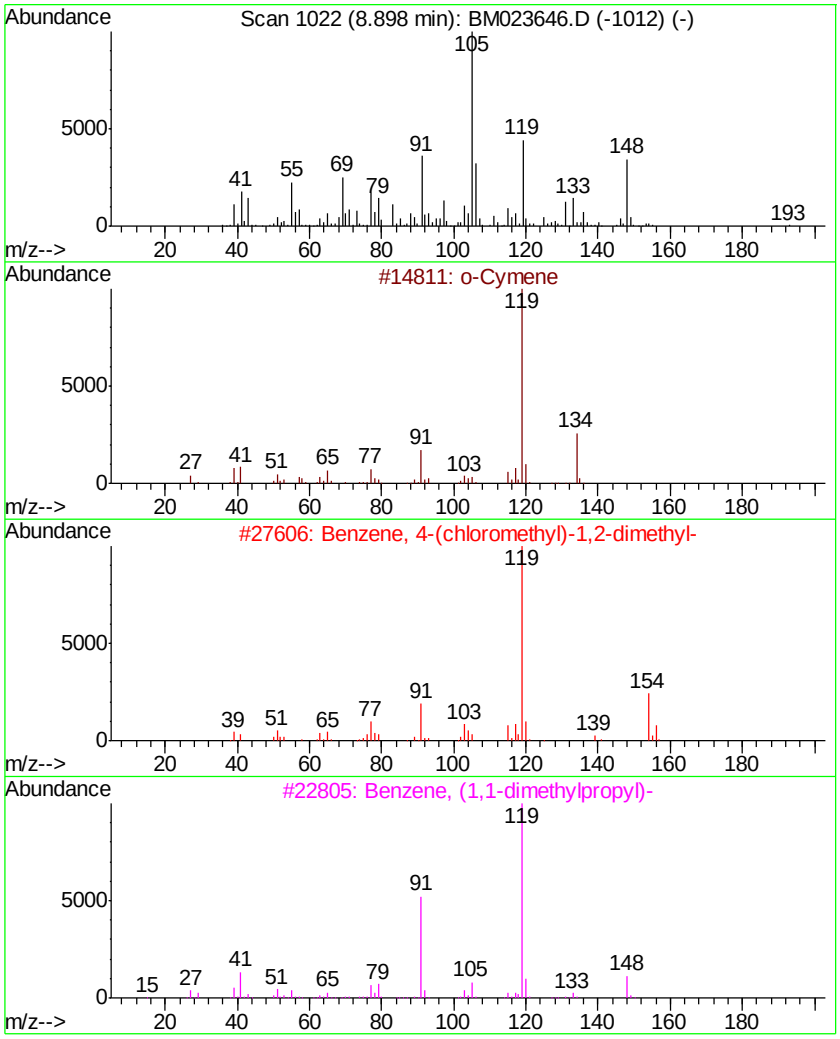
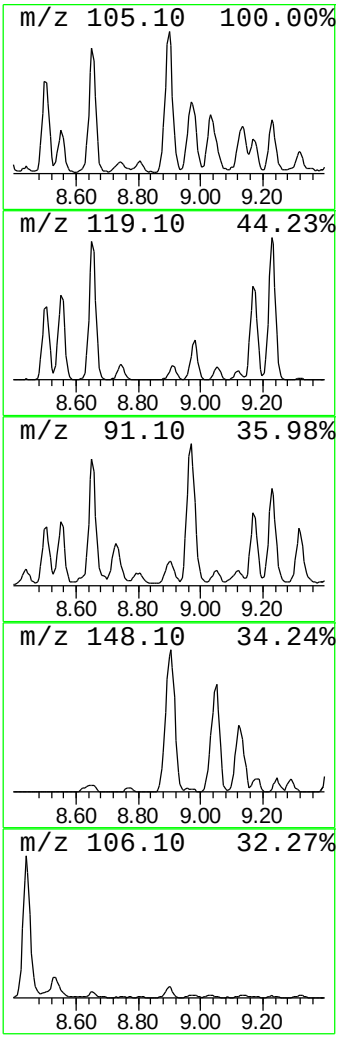
Peak Number 20 o-Cymene Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	8.86 ng/ul	1625950	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	50
2	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	50
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	46
5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	45





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ALS Vial : 19 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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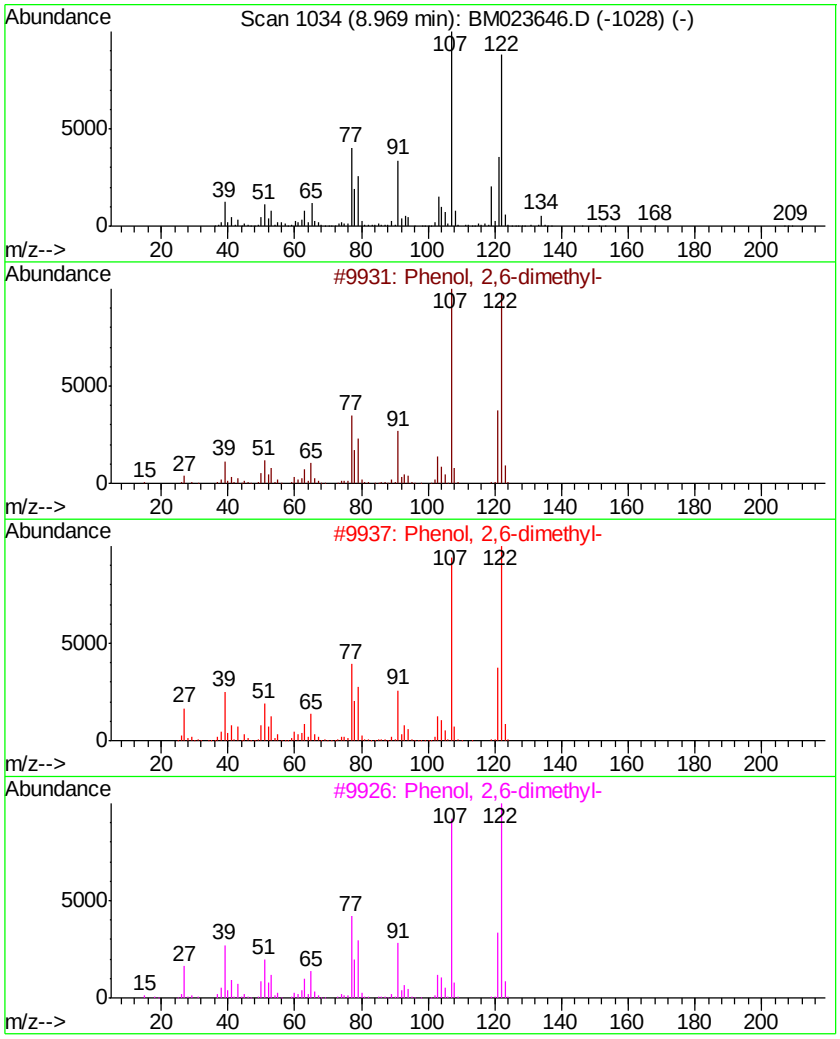
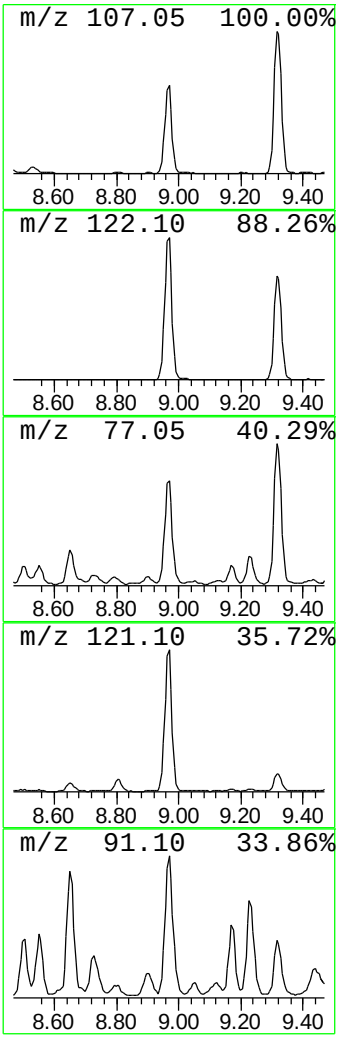
Peak Number 21 Phenol, 2,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	19.85 ng/ul	5352650	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90





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Operator : JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

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Quant Title : SVOA CALIBRATION

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

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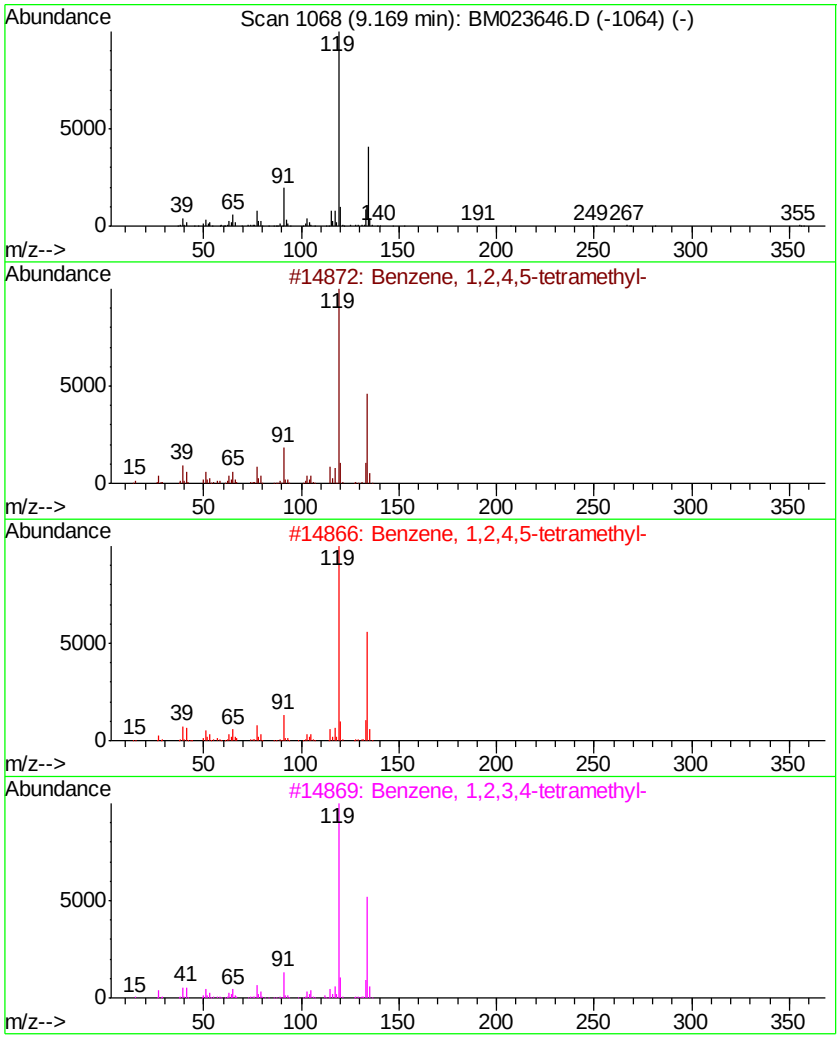
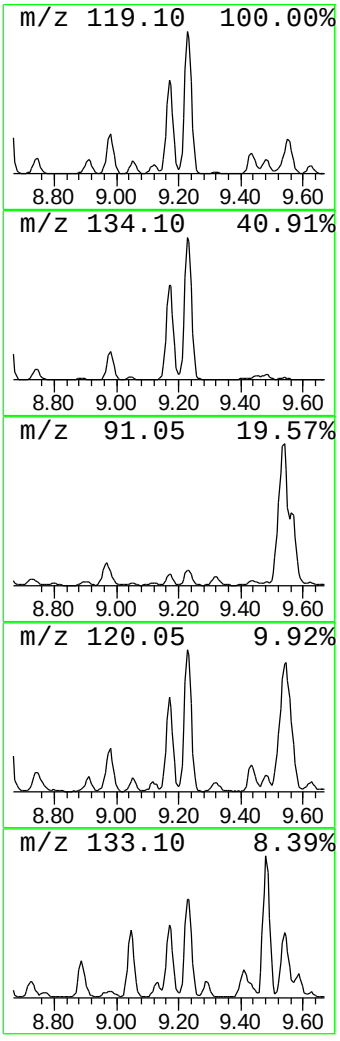
Peak Number 22 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	5.90 ng/ul	1591670	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Library Search Compound Report

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Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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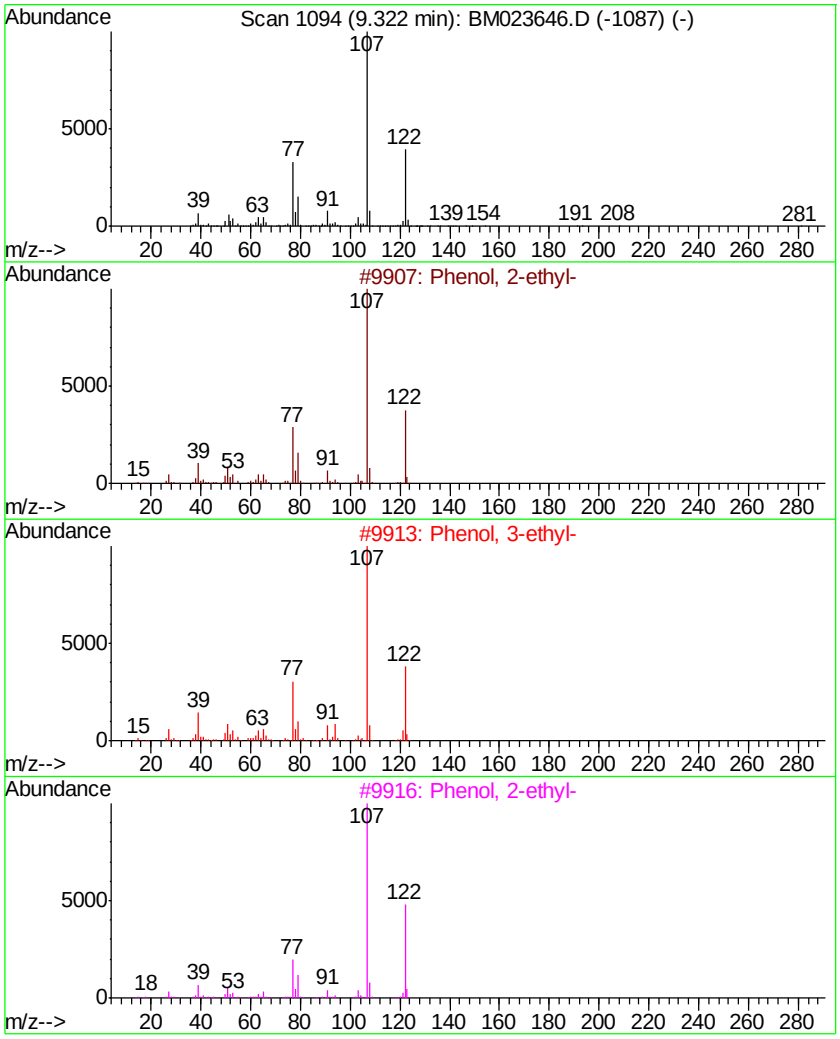
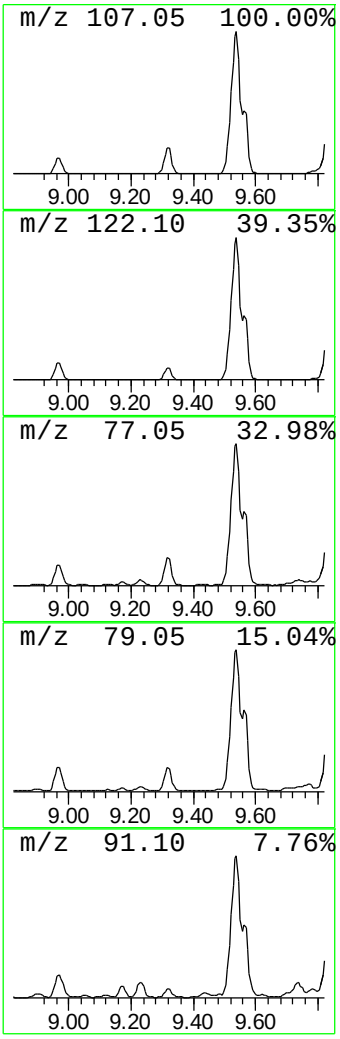
Peak Number 24 Phenol, 2-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	17.05 ng/ul	4597670	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	97
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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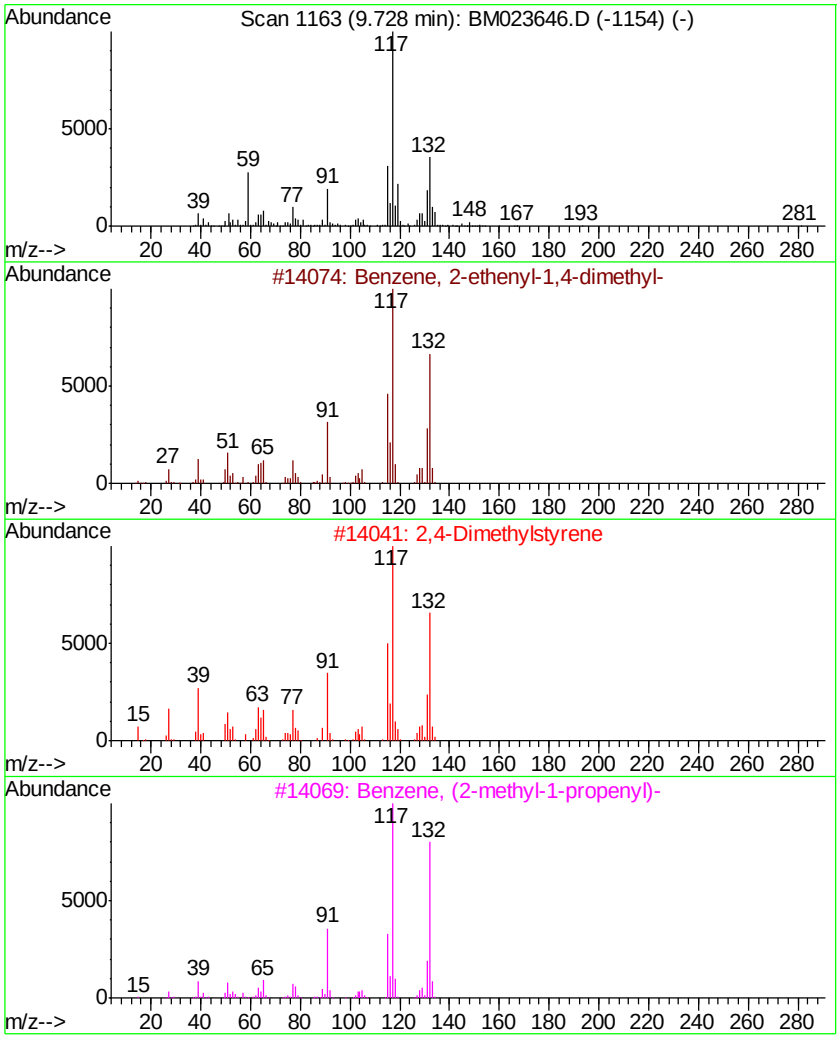
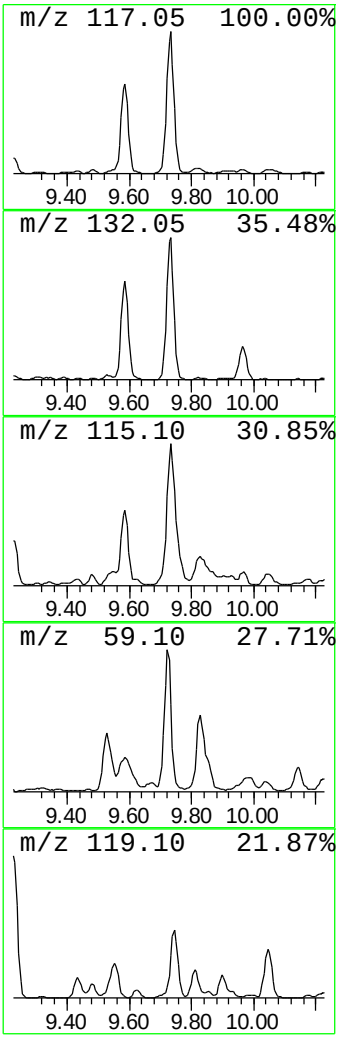
Peak Number 25 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	24.11 ng/ul	6501150	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	62
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	62
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	62





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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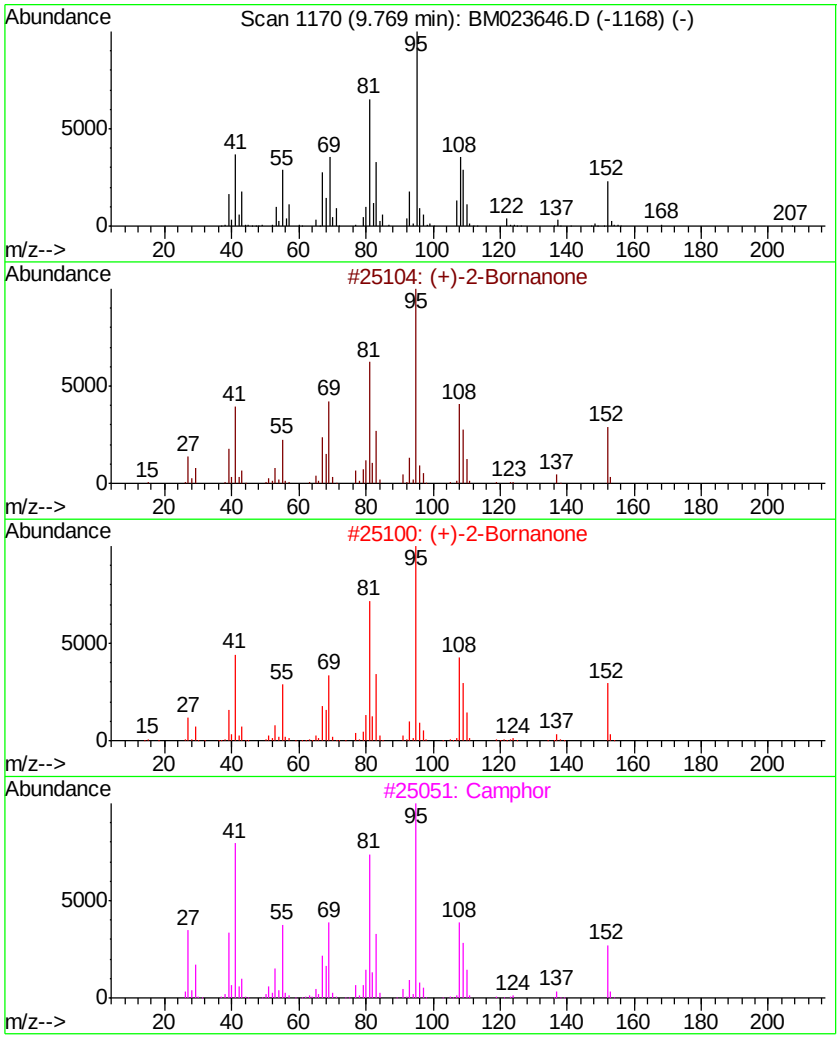
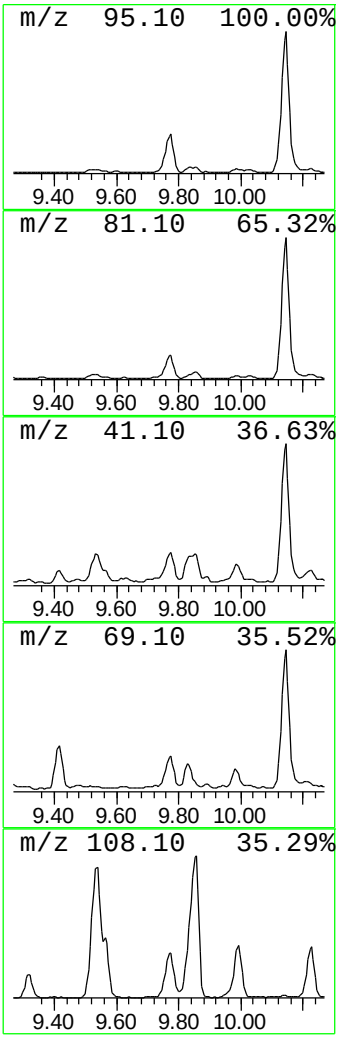
Peak Number 26 (+)-2-Bornanone Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	14.44 ng/ul	3893660	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
3	Camphor	152	C10H16O	000076-22-2	94
4	Camphor	152	C10H16O	000076-22-2	94
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	93





Library Search Compound Report

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Acq On : 11 Nov 2019 20:53
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Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

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Quant Title : SVOA CALIBRATION

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

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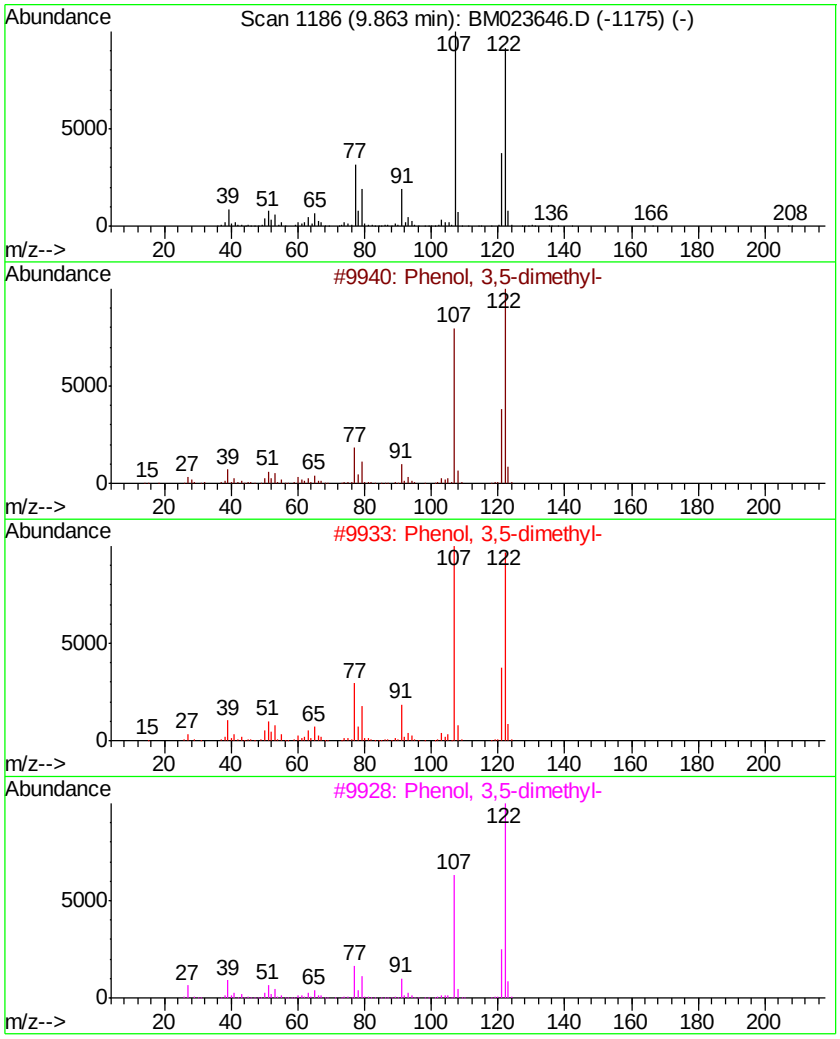
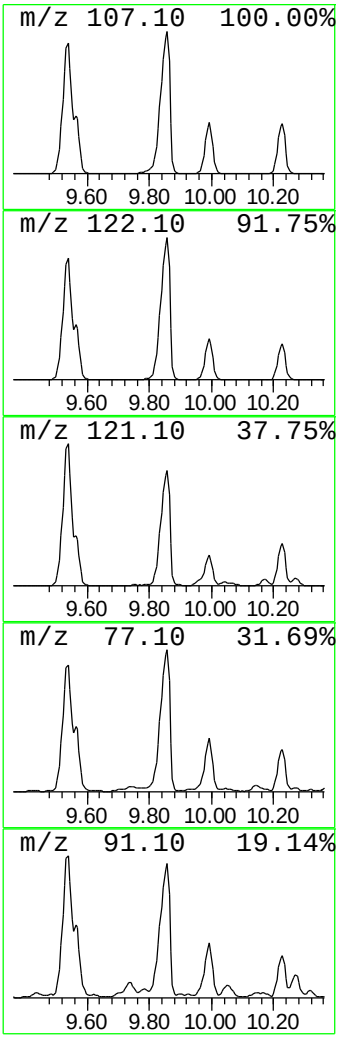
Peak Number 27 Phenol, 3,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	177.04 ng/ul	47735900	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91





Library Search Compound Report

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Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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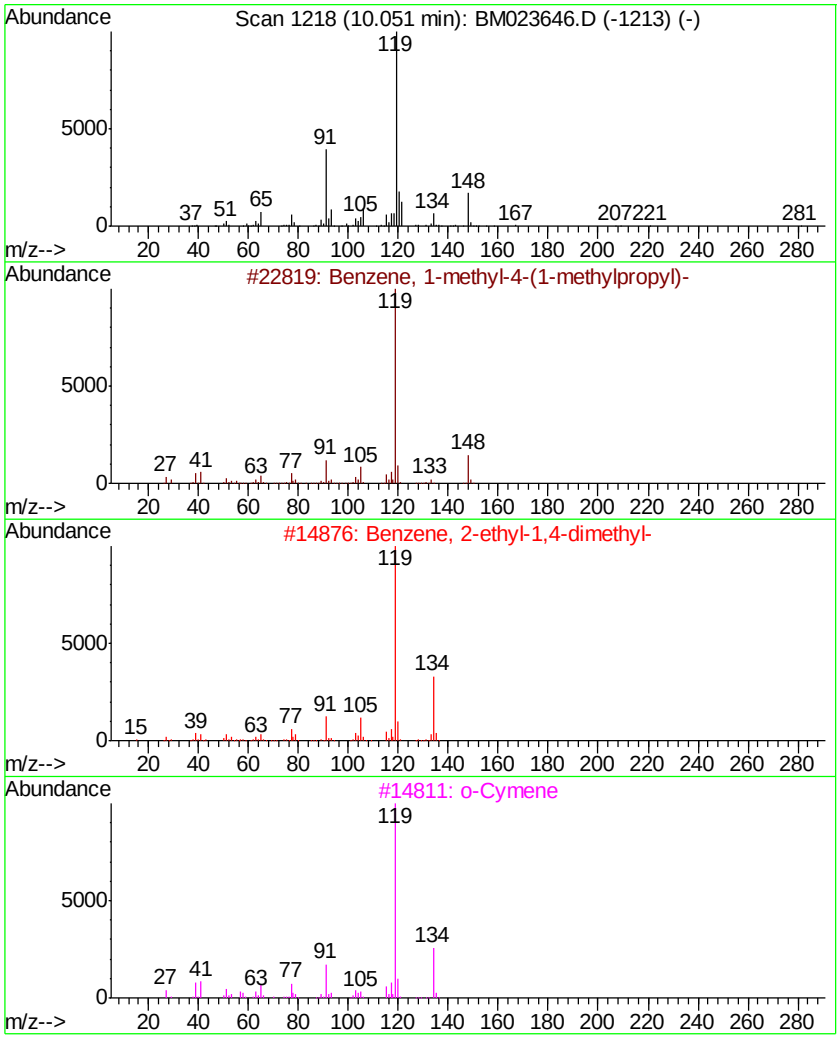
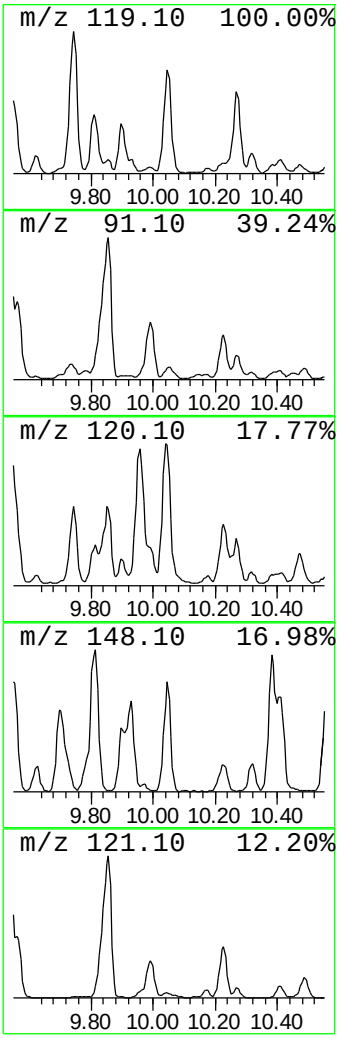
Peak Number 28 Benzene, 1-methyl-4-(1-meth... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	7.40 ng/ul	1994690	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	70
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58
3	o-Cymene	134	C10H14	000527-84-4	58
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	53





Library Search Compound Report

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Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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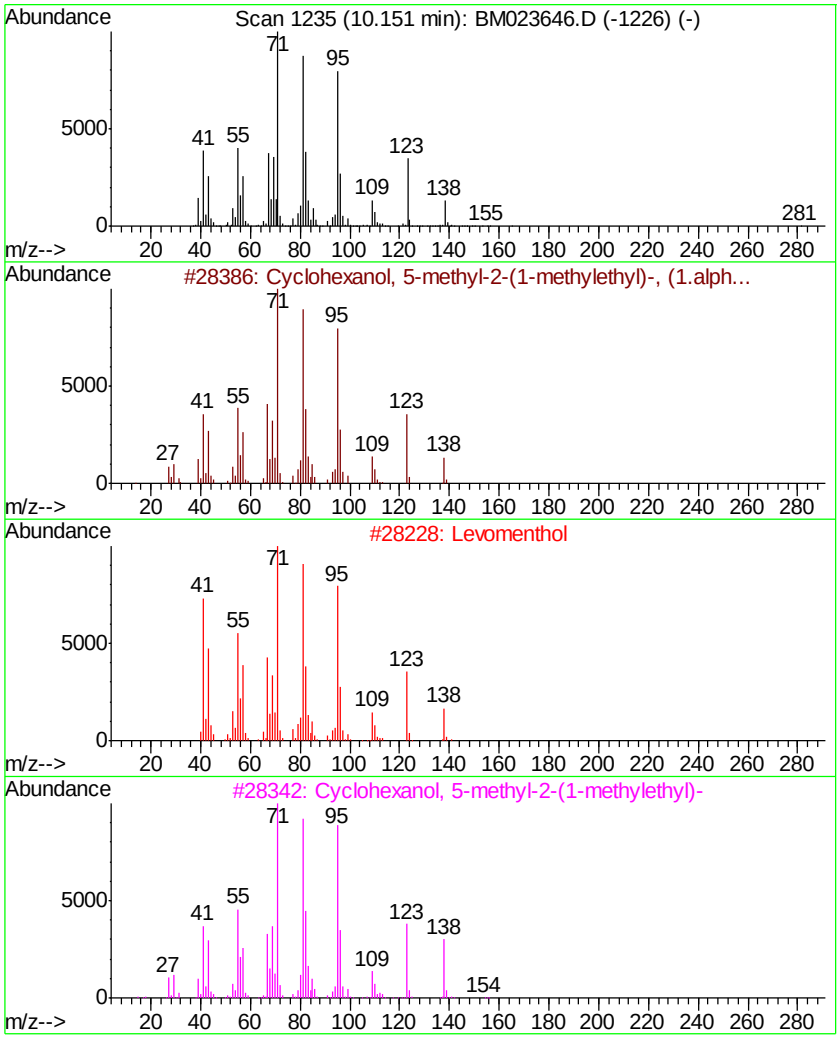
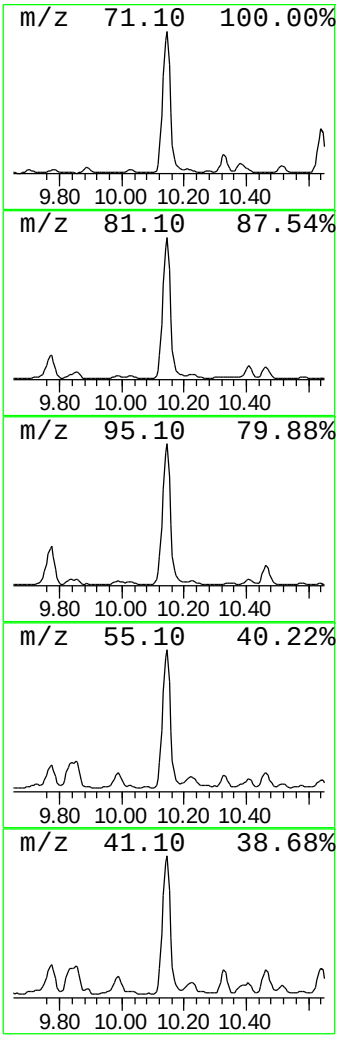
Peak Number 29 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	90.19 ng/ul	24317000	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	91
2	Levomenthol	156	C10H20O	002216-51-5	91
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	91
4	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	91
5	Levomenthol	156	C10H20O	002216-51-5	91





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Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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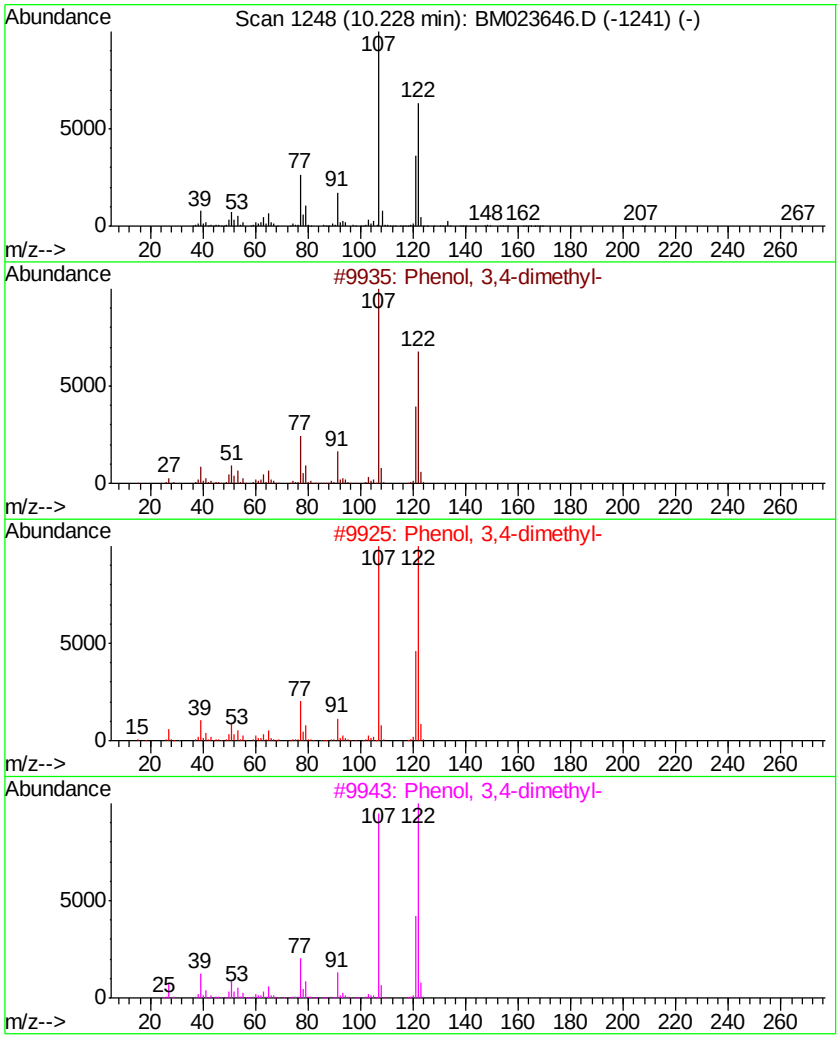
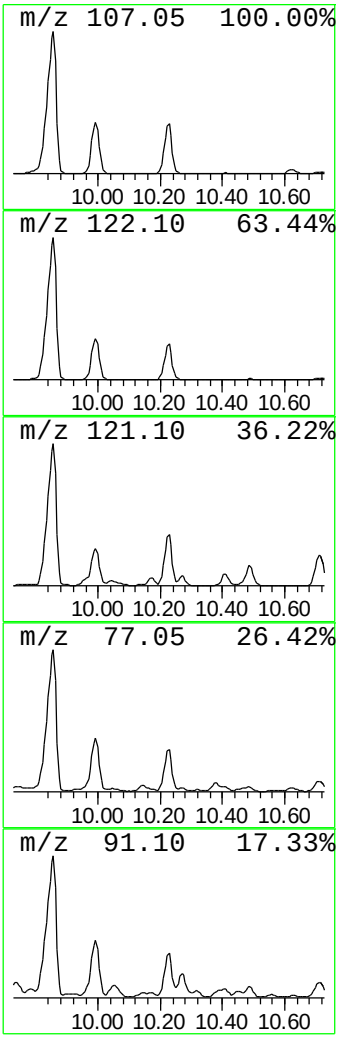
Peak Number 30 Phenol, 3,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	43.07 ng/ul	11612900	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91





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Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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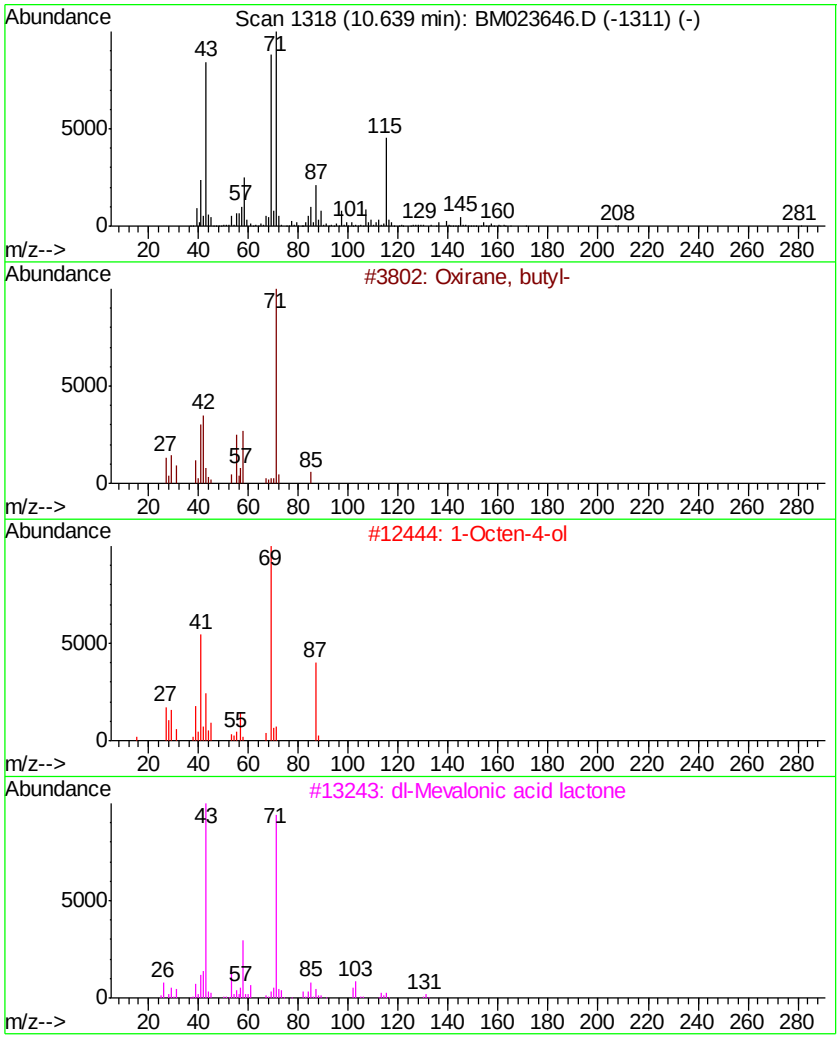
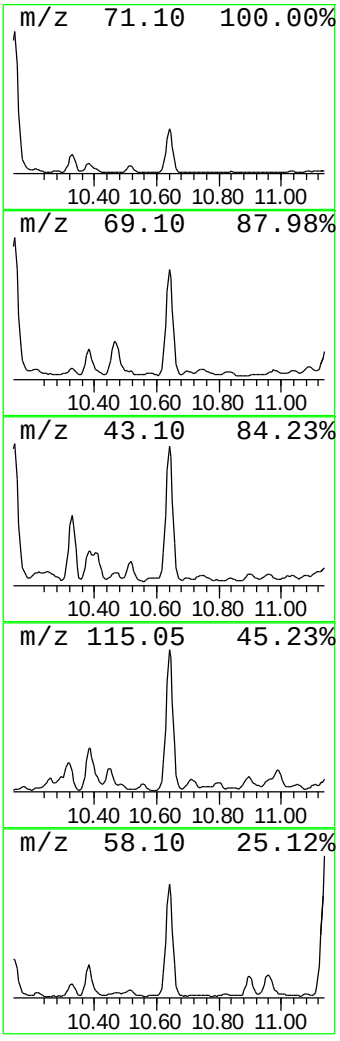
Peak Number 31 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	19.66 ng/ul	5299960	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, butyl-	100	C6H12O	001436-34-6	27
2	1-Octen-4-ol	128	C8H16O	040575-42-6	27
3	dl-Mevalonic acid lactone	130	C6H10O3	000674-26-0	27
4	Cyclopropanemethanol, .alpha.-bu...	128	C8H16O	004379-16-2	27
5	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	22





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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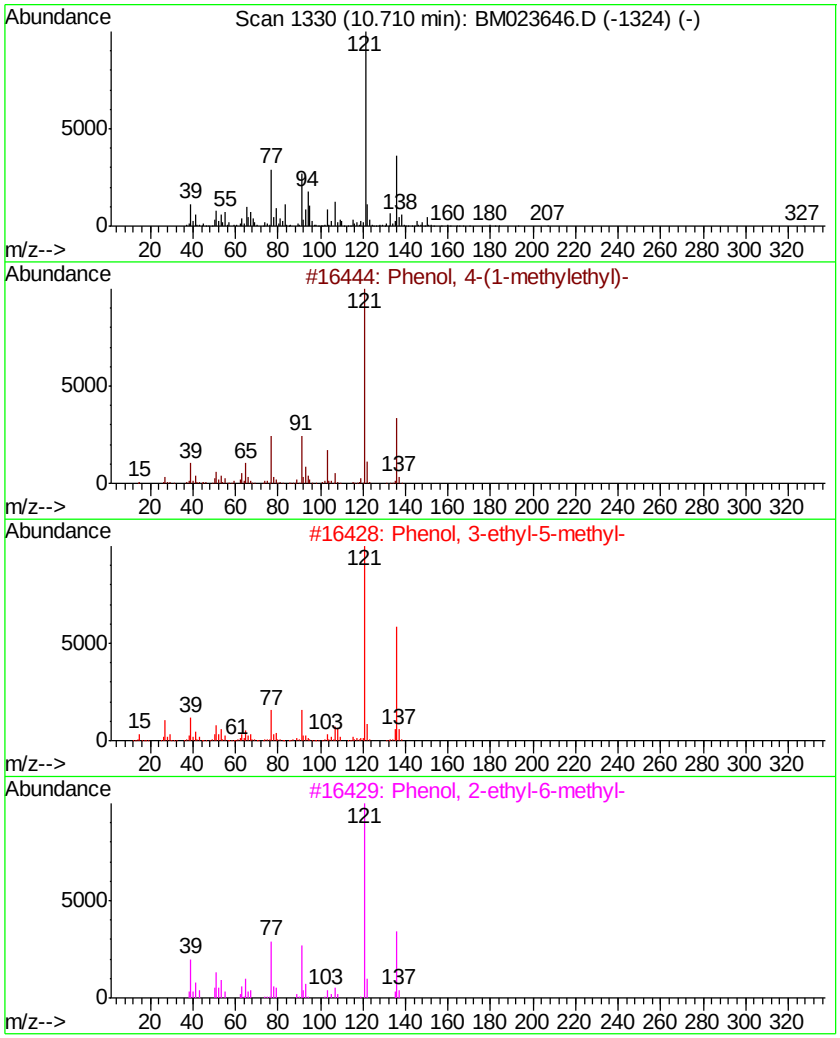
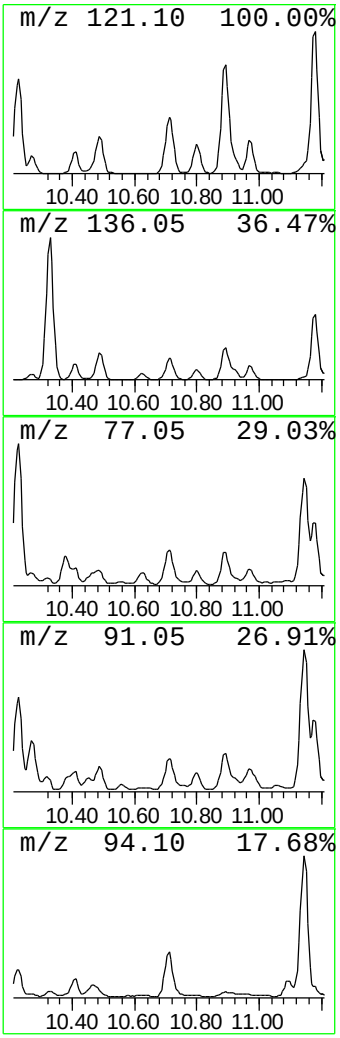
Peak Number 32 Phenol, 4-(1-methylethyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	18.71 ng/ul	5045220	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	83
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	81
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	81
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	81
5	1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	80





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

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Quant Title : SVOA CALIBRATION

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

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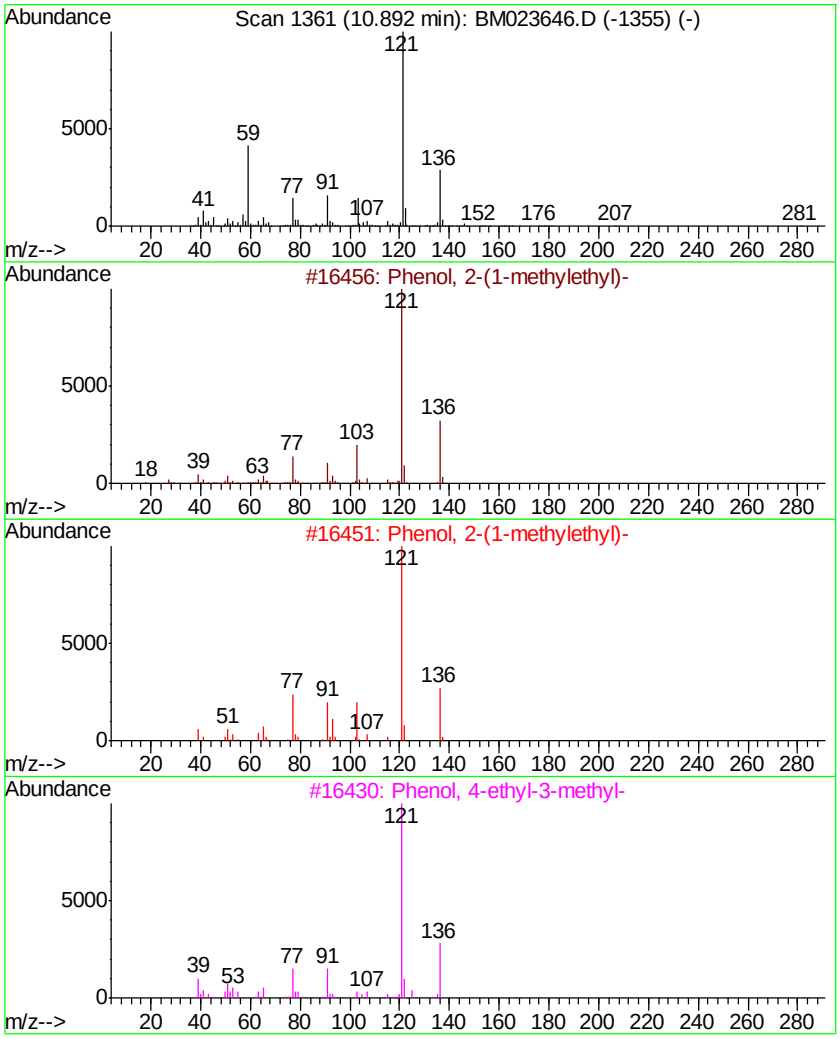
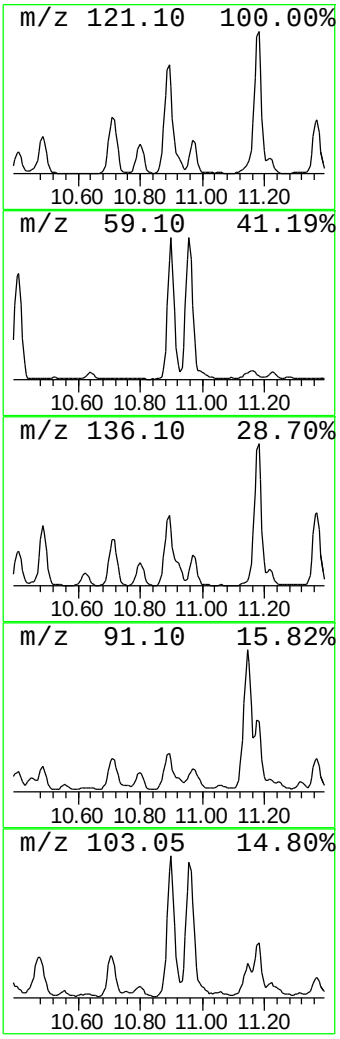
Peak Number 33 Phenol, 2-(1-methylethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	20.03 ng/ul	5401740	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	76
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	76
3	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	70
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	70
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	64





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Operator : JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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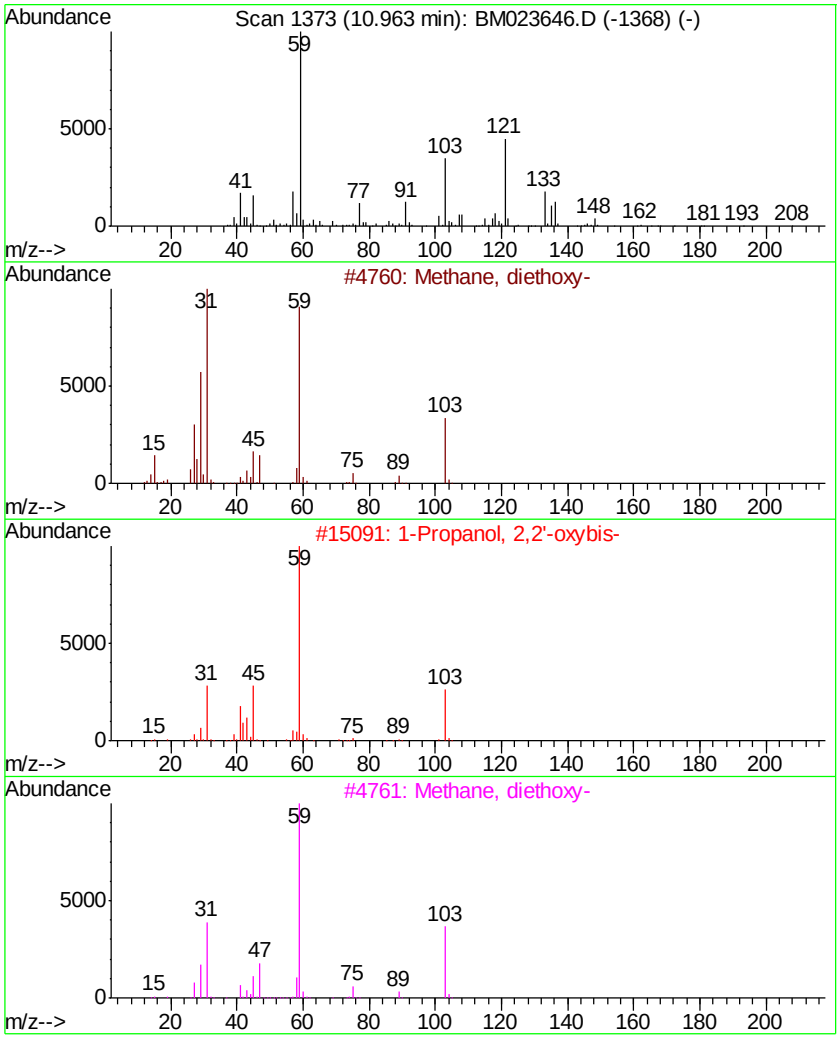
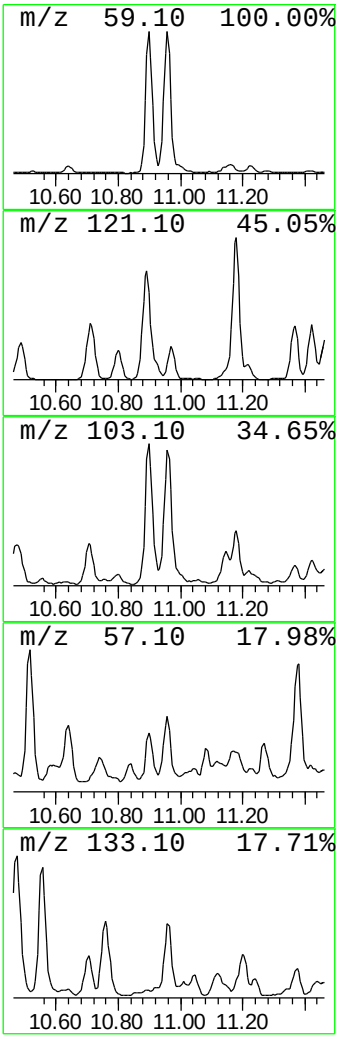
Peak Number 34 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	12.92 ng/ul	3483560	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, diethoxy-	104	C5H12O2	000462-95-3	47
2	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	47
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	47
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	47
5	Propanedioic acid, oxo-, dimethy...	146	C5H6O5	003298-40-6	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

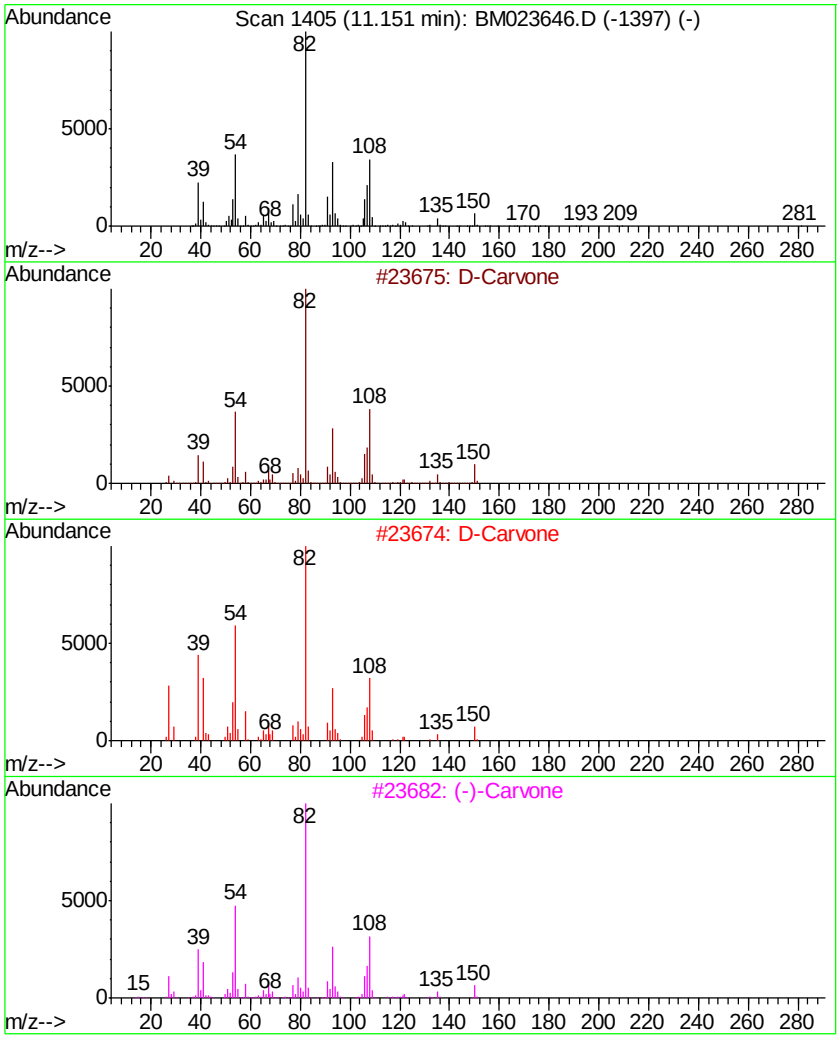
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

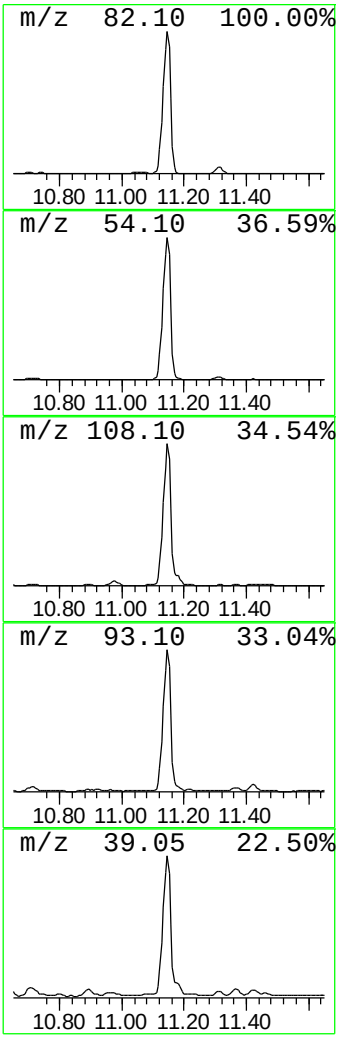
****

Peak Number 35 D-Carvone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	99.84 ng/ul	26919300	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Carvone	150	C10H14O	002244-16-8	95
2	D-Carvone	150	C10H14O	002244-16-8	94
3	(-)-Carvone	150	C10H14O	006485-40-1	93
4	(-)-Carvone	150	C10H14O	006485-40-1	93
5	D-Carvone	150	C10H14O	002244-16-8	91





Library Search Compound Report

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Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

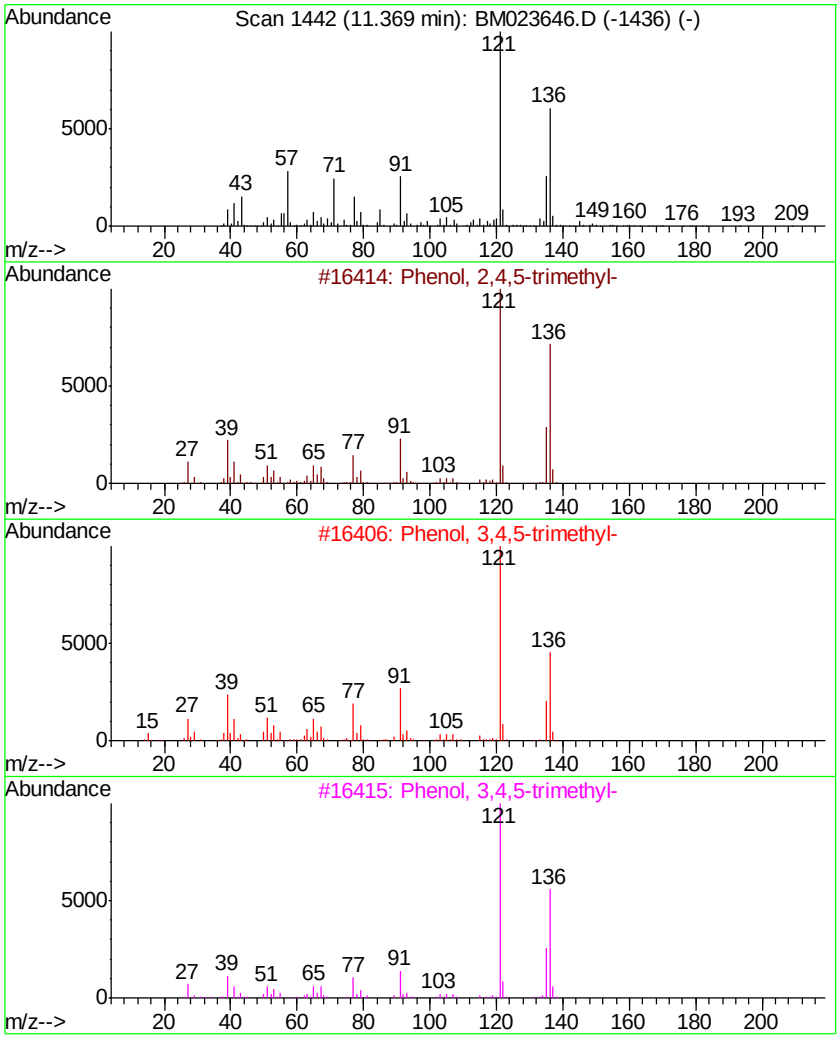
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

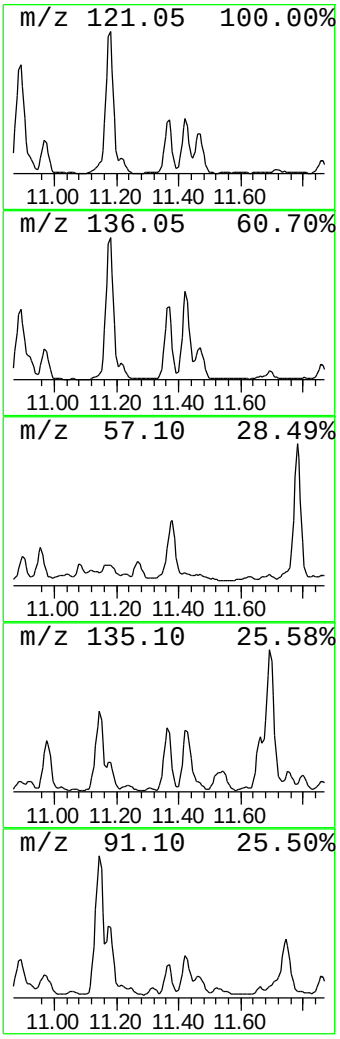
****

Peak Number 36 Phenol, 2,4,5-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	13.34 ng/ul	3597240	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	81
4	Phenol, 3,4,5-trimethyl-, methyl...	193	C11H15NO2	002686-99-9	80
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

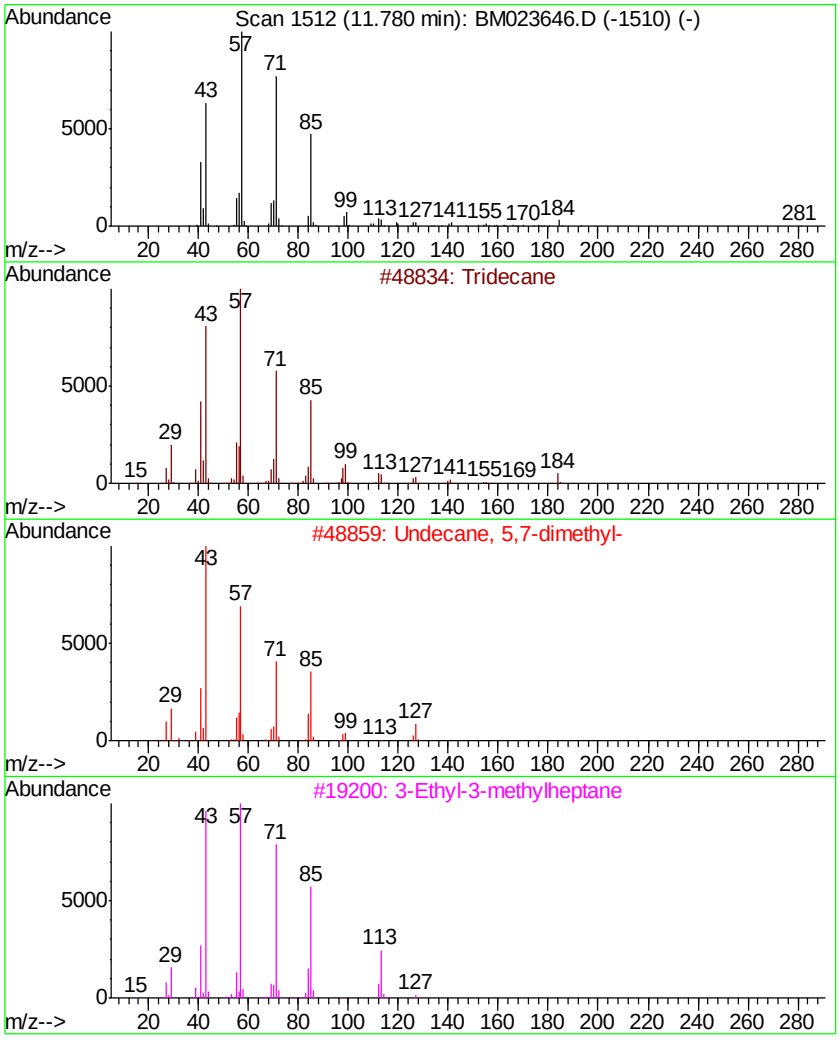
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

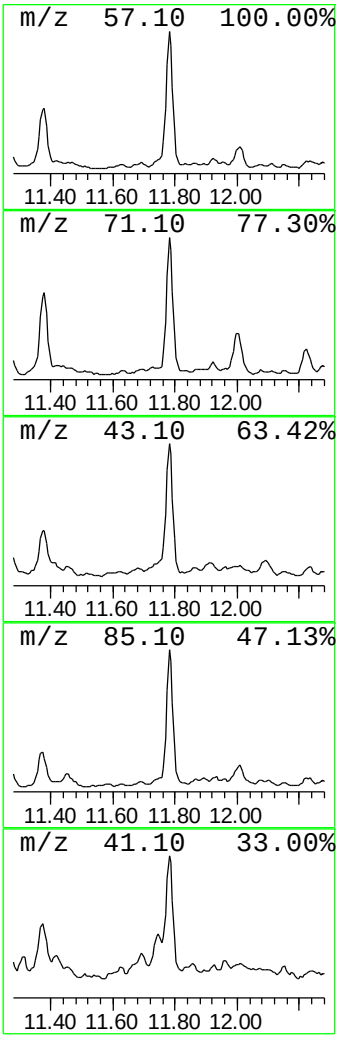
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	7.92 ng/ul	2134340	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	78
3	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	72
4	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64
5	Tridecane	184	C13H28	000629-50-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

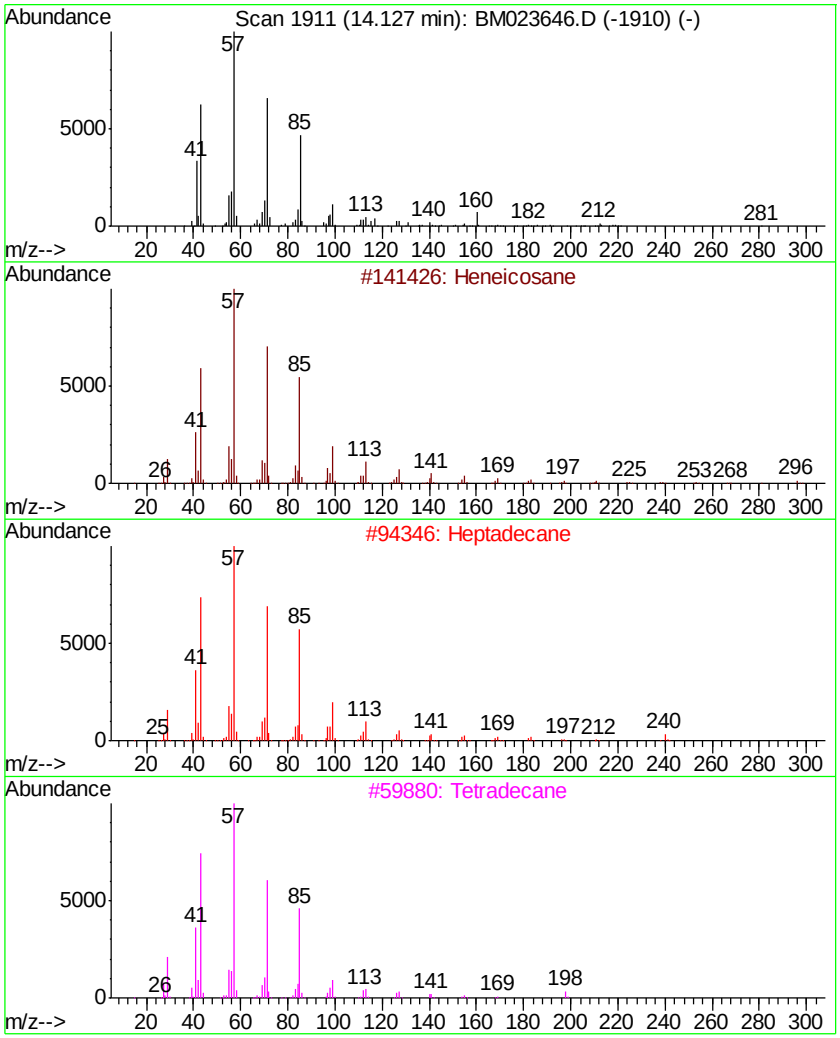
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

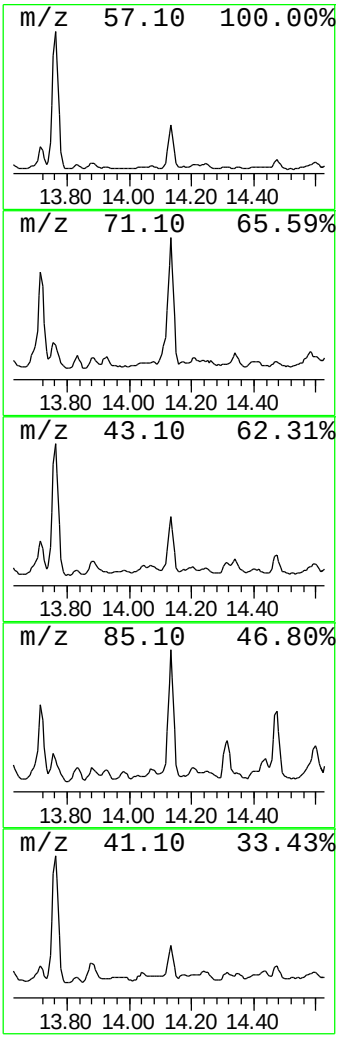
****

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	3.76 ng/ul	1247130	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Heptadecane	240	C17H36	000629-78-7	86
3	Tetradecane	198	C14H30	000629-59-4	83
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
5	Hexadecane	226	C16H34	000544-76-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

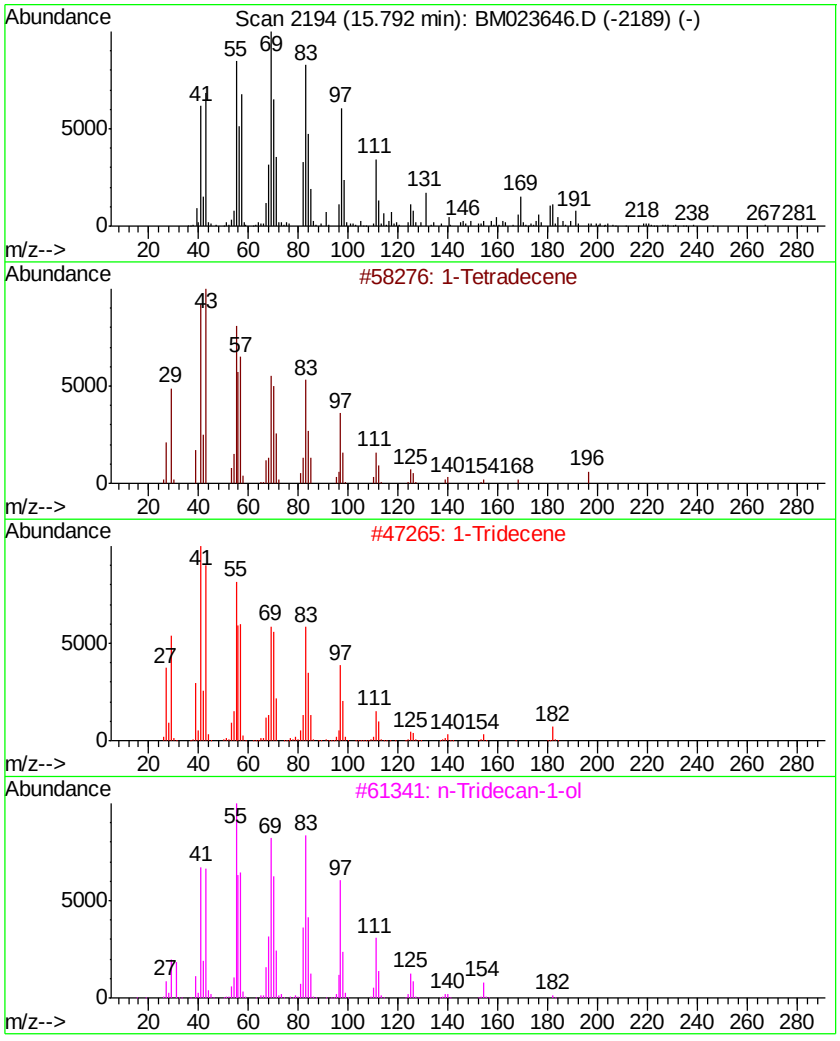
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

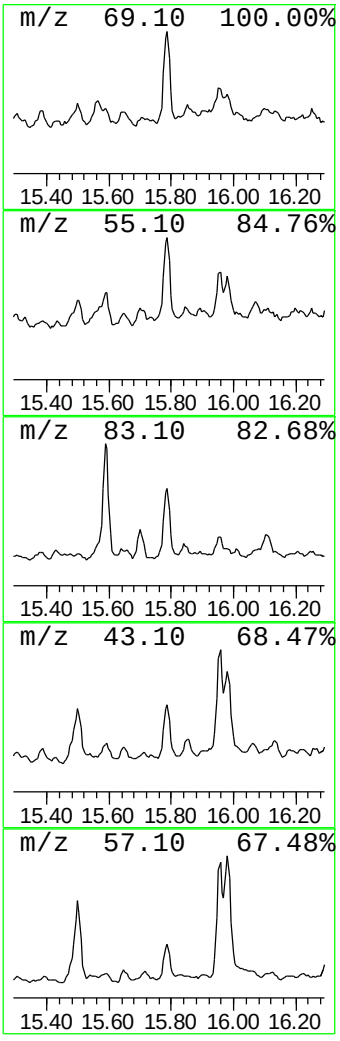
****

Peak Number 53 (DEL) Alkane: Cyclic15.79 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	10.06 ng/ul	1832260	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	96
2	1-Tridecene	182	C13H26	002437-56-1	93
3	n-Tridecan-1-ol	200	C13H28O	000112-70-9	90
4	1-Hexadecanol	242	C16H34O	036653-82-4	90
5	1-Tetradecanol	214	C14H30O	000112-72-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

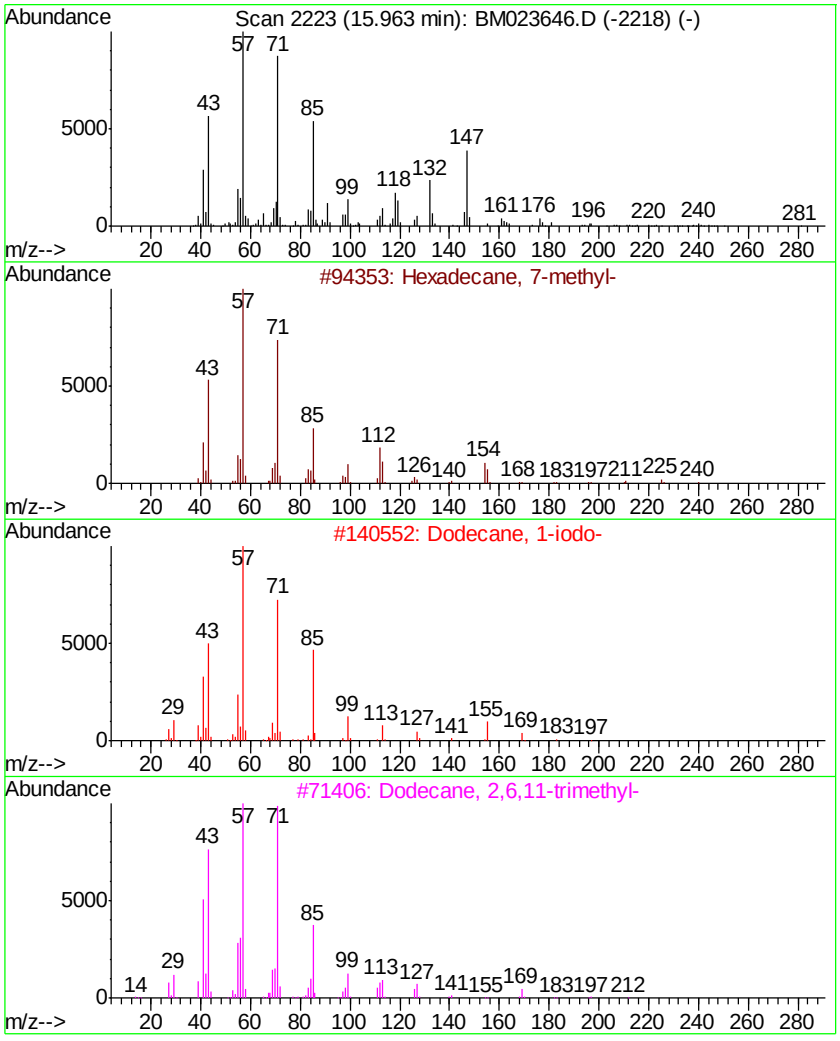
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

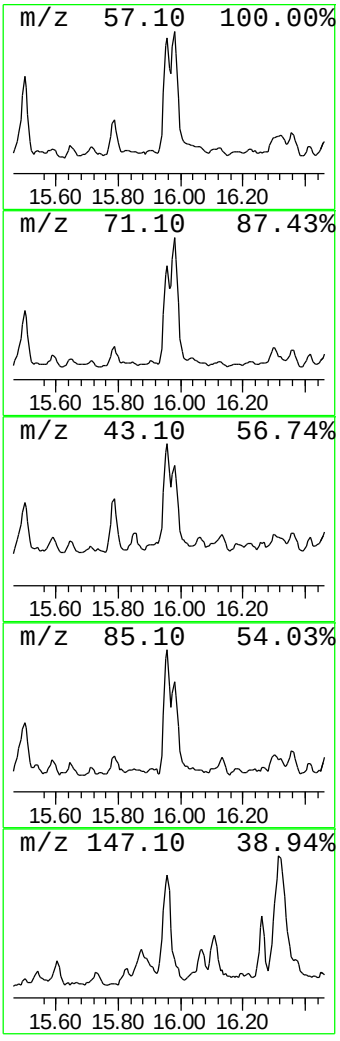
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	10.36 ng/ul	1886920	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	62
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	49
4	Heptacosane	380	C27H56	000593-49-7	47
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

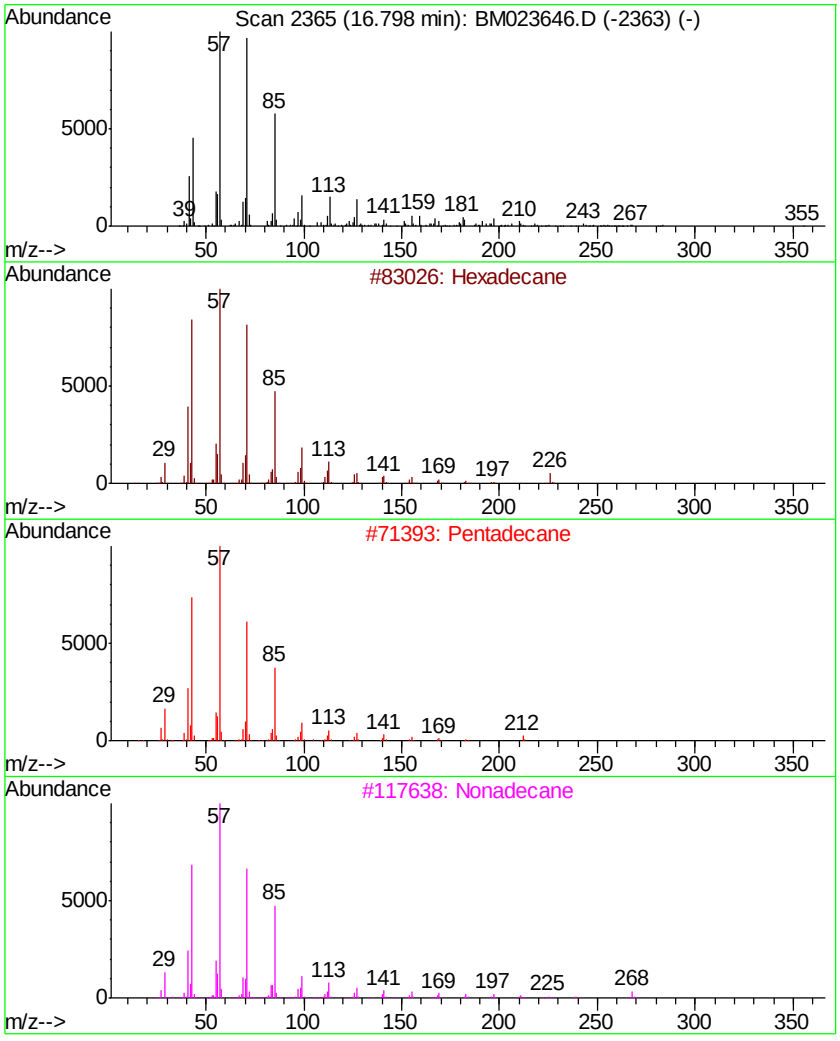
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

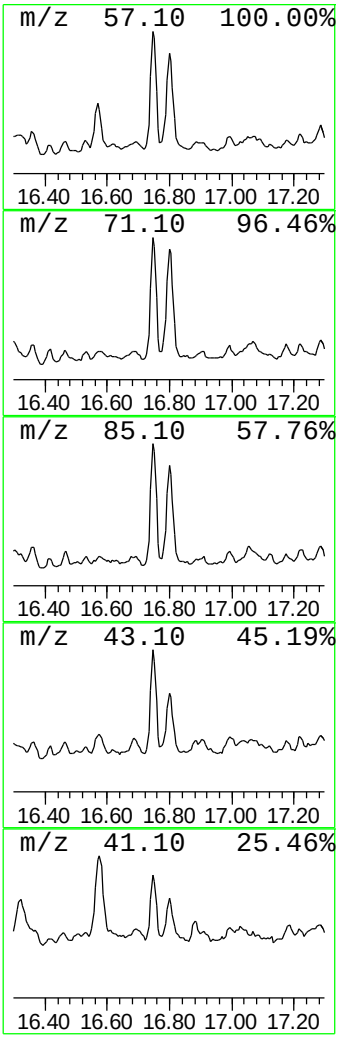
****

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	10.22 ng/ul	1861090	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Pentadecane	212	C15H32	000629-62-9	87
3	Nonadecane	268	C19H40	000629-92-5	86
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

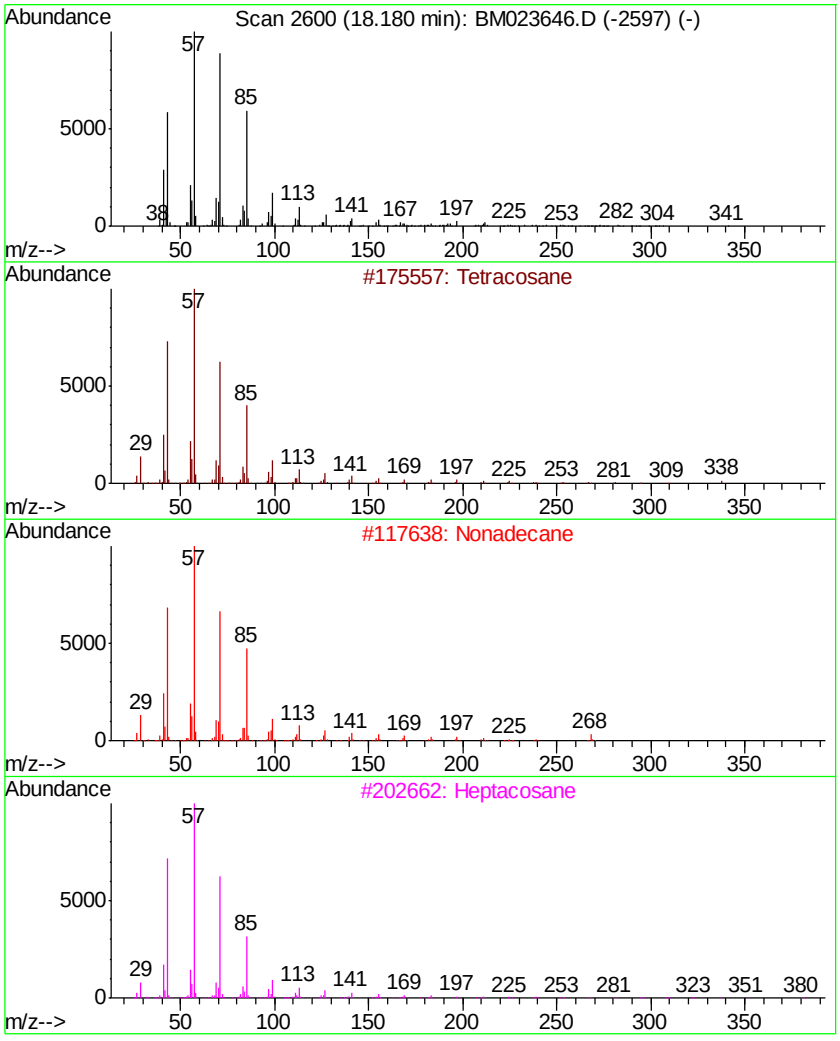
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

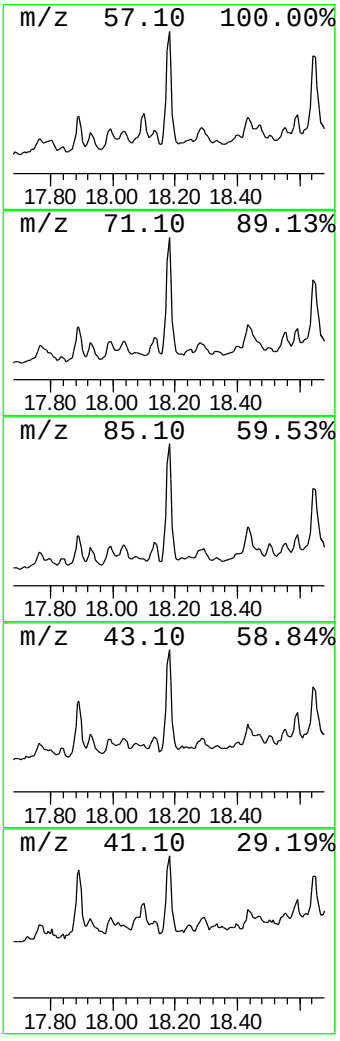
****

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	11.97 ng/ul	2178610	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

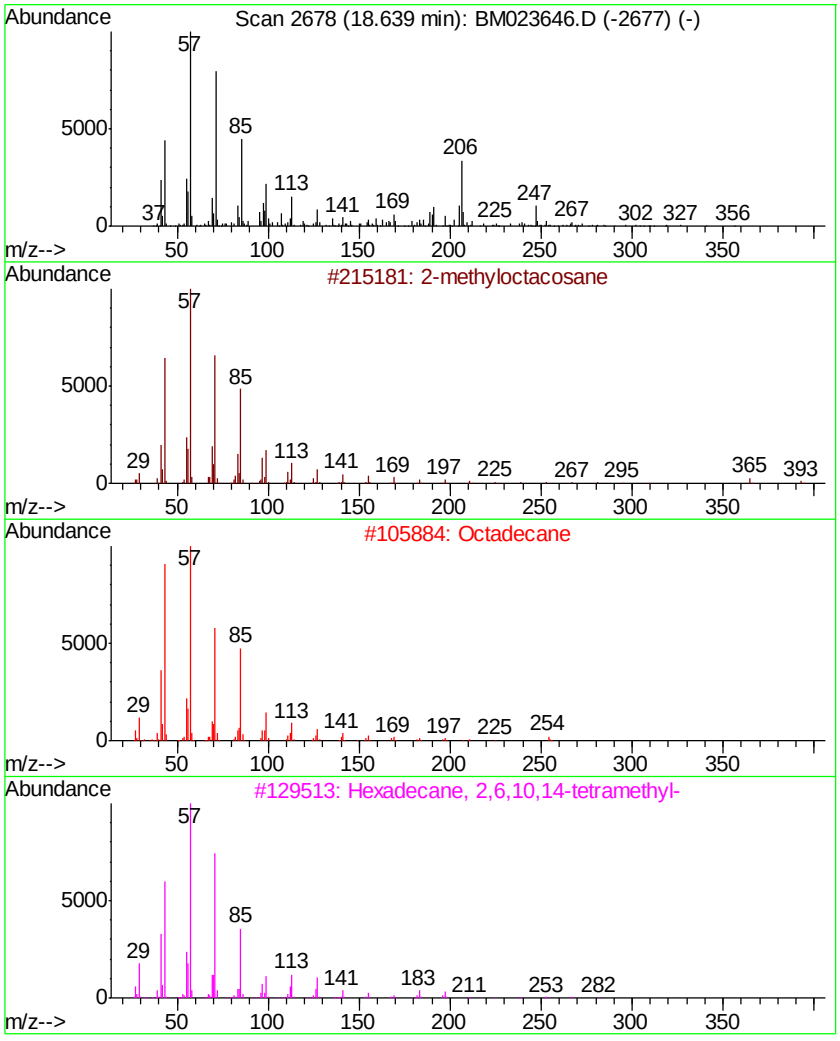
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

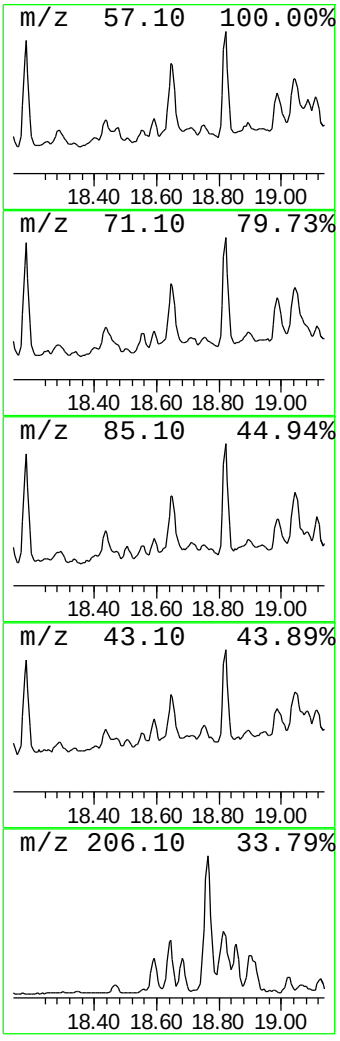
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	8.39 ng/ul	1527220	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	86
2	Octadecane	254	C18H38	000593-45-3	80
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Hexacosane	366	C26H54	000630-01-3	80
5	Triacontane	422	C30H62	000638-68-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

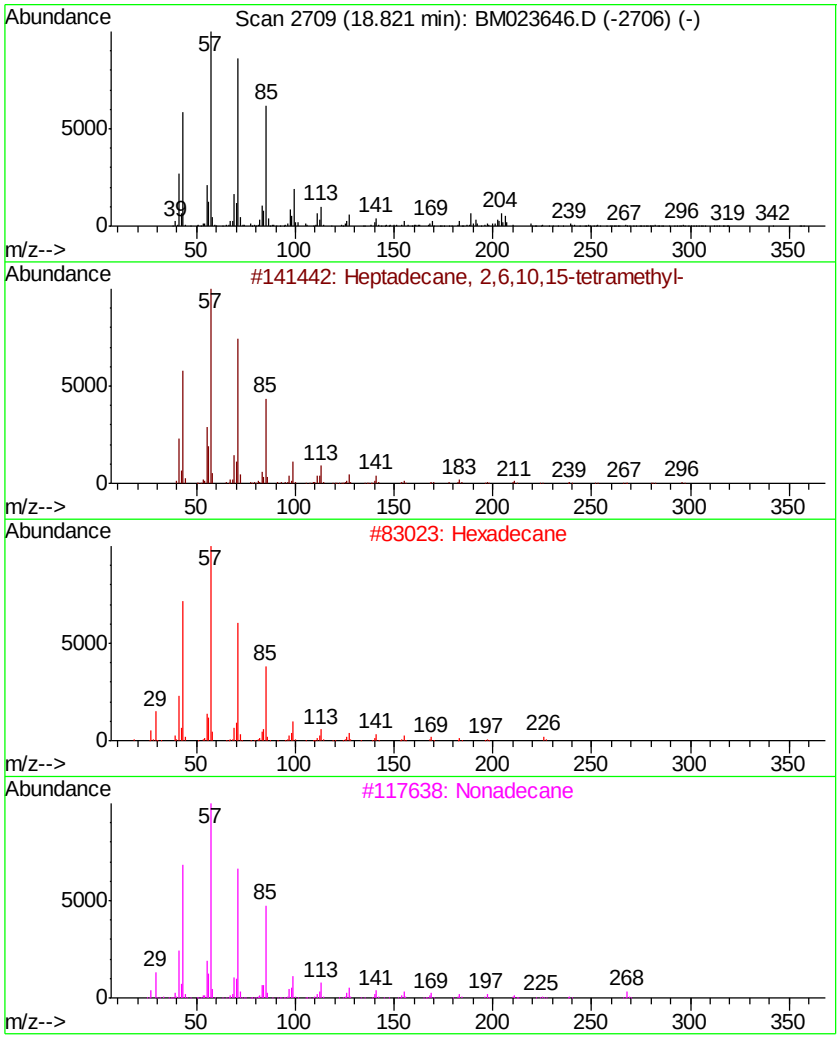
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

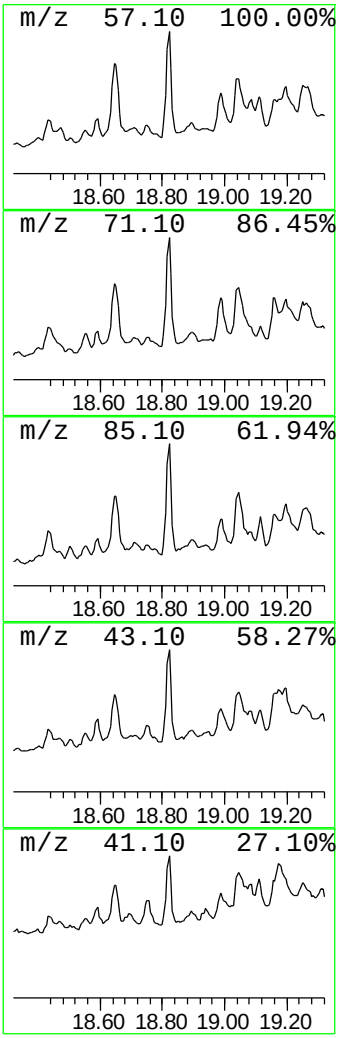
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	12.71 ng/ul	2314910	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Nonadecane	268	C19H40	000629-92-5	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111119\
Data File : BM023646.D
Acq On : 11 Nov 2019 20:53
Operator : JU
Sample : K5538-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6M1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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
2-Pentanol, 4-met...	3.64	26.9	ng/ul	4937300	1	7.55	3668780	20.0
Benzene, 1,3-dime...	5.58	48.1	ng/ul	8830390	1	7.55	3668780	20.0
2-Propanol, 1-but...	6.22	7.5	ng/ul	1381640	1	7.55	3668780	20.0
Benzene, propyl-	6.54	12.5	ng/ul	2285570	1	7.55	3668780	20.0
Benzene, 1-ethyl-...	6.65	25.3	ng/ul	4645210	1	7.55	3668780	20.0
Benzene, 1,2,3-tr...	7.20	79.5	ng/ul	14577900	1	7.55	3668780	20.0
Benzene, 1-ethyl-...	7.66	28.9	ng/ul	5299720	1	7.55	3668780	20.0
Indane	7.92	13.7	ng/ul	2507030	1	7.55	3668780	20.0
Benzene, 1-methyl...	8.10	11.9	ng/ul	2188240	1	7.55	3668780	20.0
Benzene, 1,4-diet...	8.19	41.1	ng/ul	7534670	1	7.55	3668780	20.0
Benzenamine, 3-me...	8.44	9.5	ng/ul	1744710	1	7.55	3668780	20.0
Benzene, 4-ethyl-...	8.50	7.8	ng/ul	1433560	1	7.55	3668780	20.0
Benzene, 2-ethyl-...	8.55	9.5	ng/ul	1738210	1	7.55	3668780	20.0
D-Fenchone	8.79	29.0	ng/ul	5321970	1	7.55	3668780	20.0
o-Cymene	8.90	8.9	ng/ul	1625950	1	7.55	3668780	20.0
Phenol, 2,6-dimet...	8.97	19.9	ng/ul	5352650	2	10.33	5392590	20.0
Benzene, 1,2,4,5-...	9.17	5.9	ng/ul	1591670	2	10.33	5392590	20.0
Phenol, 2-ethyl-	9.32	17.1	ng/ul	4597670	2	10.33	5392590	20.0
Benzene, 2-etheny...	9.73	24.1	ng/ul	6501150	2	10.33	5392590	20.0
(+)-2-Bornanone	9.77	14.4	ng/ul	3893660	2	10.33	5392590	20.0
Phenol, 3,5-dimet...	9.86	177.0	ng/ul	47735900	2	10.33	5392590	20.0
Benzene, 1-methyl...	10.05	7.4	ng/ul	1994690	2	10.33	5392590	20.0
Cyclohexanol, 5-m...	10.15	90.2	ng/ul	24317000	2	10.33	5392590	20.0
Phenol, 3,4-dimet...	10.23	43.1	ng/ul	11612900	2	10.33	5392590	20.0
unknown-01	10.64	19.7	ng/ul	5299960	2	10.33	5392590	20.0
Phenol, 4-(1-meth...	10.71	18.7	ng/ul	5045220	2	10.33	5392590	20.0
Phenol, 2-(1-meth...	10.89	20.0	ng/ul	5401740	2	10.33	5392590	20.0
unknown-02	10.96	12.9	ng/ul	3483560	2	10.33	5392590	20.0
D-Carvone	11.15	99.8	ng/ul	26919300	2	10.33	5392590	20.0
Phenol, 2,4,5-tri...	11.37	13.3	ng/ul	3597240	2	10.33	5392590	20.0
(DEL) Alkane: Str...	11.78	7.9	ng/ul	2134340	2	10.33	5392590	20.0
(DEL) Alkane: Str...	14.13	3.8	ng/ul	1247130	3	14.20	6639740	20.0
(DEL) Alkane: Cyc...	15.79	10.1	ng/ul	1832260	4	16.96	3641590	20.0
(DEL) Alkane: Str...	15.96	10.4	ng/ul	1886920	4	16.96	3641590	20.0
(DEL) Alkane: Str...	16.80	10.2	ng/ul	1861090	4	16.96	3641590	20.0
(DEL) Alkane: Str...	18.18	12.0	ng/ul	2178610	4	16.96	3641590	20.0
(DEL) Alkane: Str...	18.64	8.4	ng/ul	1527220	4	16.96	3641590	20.0
(DEL) Alkane: Str...	18.82	12.7	ng/ul	2314910	4	16.96	3641590	20.0