LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019522.D
Acq On : 28 Mar 2019 01:40
Operator : JU/SJ
Sample : K2063-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R6

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	3.375	63	66	74	rVV	1226778	1893162	1.30%	0.245%
2	3.634	102	110	121	rVV2	897141	1849114	1.27%	0.240%
3	3.846	137	146	161	rBV3	45318647	125256430	85.75%	16.232%
4	3.987	164	170	175	rVV2	421607	913349	0.63%	0.118%
5	4.081	182	186	189	rVV	381835	591767	0.41%	0.077%
6	4.122	189	193	209	rVB	1509009	2632337	1.80%	0.341%
7	4.440	242	247	259	rBV	751761	1275095	0.87%	0.165%
8	4.598	270	274	284	rVV	567935	1032532	0.71%	0.134%
9	4.775	300	304	308	rVV	843282	1243548	0.85%	0.161%
10	4.828	308	313	329	rVB	1192566	2256793	1.55%	0.292%
11	5.122	355	363	371	rVV	30783401	50715680	34.72%	6.572%
12	5.193	371	375	378	rVV2	225517	442042	0.30%	0.057%
13	5.269	378	388	396	rVV2	47212620	146067085	100.00%	18.929%
14	5.522	426	431	438	rVB3	235400	427795	0.29%	0.055%
15	5.628	438	449	454	rBV2	42961124	79340024	54.32%	10.282%
16	5.698	456	461	463	rVV	524161	774289	0.53%	0.100%
17	5.728	463	466	473	rVV	669048	946147	0.65%	0.123%
18	6.075	516	525	540	rBV2	1971822	3477483	2.38%	0.451%
19	6.257	552	556	565	rVB	329078	521171	0.36%	0.068%
20	6.563	602	608	617	rVB	5440799	7904401	5.41%	1.024%
21	6.675	617	627	632	rBV	23154545	36385672	24.91%	4.715%
22	6.734	632	637	642	rVV	10569824	14059757	9.63%	1.822%
23	6.810	642	650	656	rVB	11797591	16653759	11.40%	2.158%
24	6.969	662	677	683	rBV	10088182	15596011	10.68%	2.021%
25	7.051	688	691	698	rVV3	280200	571530	0.39%	0.074%
26	7.128	698	704	709	rVV	511861	896674	0.61%	0.116%
27	7.239	715	723	733	rVV2	35522645	63274625	43.32%	8.200%
28	7.610	777	786	789	rBV2	705149	1737096	1.19%	0.225%
29	7.645	789	792	794	rVV2	673563	964836	0.66%	0.125%
30	7.692	794	800	807	rVB	12459079	18639409	12.76%	2.415%
31	7.834	817	824	828	rBV	773937	1450223	0.99%	0.188%
32	7.881	828	832	838	rVV2	855755	2085409	1.43%	0.270%
33	7.951	838	844	850	rVB	9610244	14399885	9.86%	1.866%
34	8.057	856	862	866	rBV	1283008	1934984	1.32%	0.251%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019522.D
Acq On : 28 Mar 2019 01:40
Operator : JU/SJ
Sample : K2063-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R6

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	8.116	866	872	878	rVV	3873157	5784145	3.96%	0.750%
36	8.204	881	887	892	rBV	4412513	6749908	4.62%	0.875%
37	8.257	892	896	900	rVV5	438523	809631	0.55%	0.105%
38	8.304	900	904	910	rVV2	414383	731535	0.50%	0.095%
39	8.369	910	915	920	rVV	963043	1421098	0.97%	0.184%
40	8.422	920	924	931	rVB	283122	459596	0.31%	0.060%
41	8.516	931	940	945	rBV	2253571	3721101	2.55%	0.482%
42	8.569	945	949	958	rVV	2239007	3612497	2.47%	0.468%
43	8.669	958	966	975	rVV	4651027	9295822	6.36%	1.205%
44	8.751	975	980	987	rVB3	2810895	4624758	3.17%	0.599%
45	8.916	1001	1008	1014	rVV4	360458	710544	0.49%	0.092%
46	8.998	1014	1022	1029	rVV	1037852	1805391	1.24%	0.234%
47	9.192	1049	1055	1060	rBV	1971826	2986555	2.04%	0.387%
48	9.251	1060	1065	1071	rVV	2887099	4354219	2.98%	0.564%
49	9.469	1092	1102	1111	rVB3	665964	2193421	1.50%	0.284%
50	9.563	1111	1118	1121	rBV3	362350	746643	0.51%	0.097%
51	9.610	1121	1126	1135	rVB	2664030	4166622	2.85%	0.540%
52	9.763	1139	1152	1158	rBV2	4958221	9184237	6.29%	1.190%
53	9.816	1159	1161	1166	rVB3	379772	530646	0.36%	0.069%
54	9.886	1166	1173	1180	rBV4	235160	746503	0.51%	0.097%
55	9.998	1186	1192	1198	rVV2	1055367	1809000	1.24%	0.234%
56	10.080	1198	1206	1215	rVB	627508	1487663	1.02%	0.193%
57	10.310	1241	1245	1248	rBV	489495	732500	0.50%	0.095%
58	10.428	1258	1265	1270	rVV	14589255	24471840	16.75%	3.171%
59	10.469	1270	1272	1278	rVV	463343	587910	0.40%	0.076%
60	10.539	1278	1284	1295	rVB2	738985	1542906	1.06%	0.200%
61	10.798	1320	1328	1337	rVB2	142586	471803	0.32%	0.061%
62	10.922	1337	1349	1355	rBV2	429207	1345219	0.92%	0.174%
63	10.992	1355	1361	1369	rVB2	434387	1136785	0.78%	0.147%
64	11.080	1370	1376	1386	rVB5	237434	524101	0.36%	0.068%
65	11.216	1387	1399	1404	rBV2	349863	896590	0.61%	0.116%
66	11.269	1404	1408	1415	rVB2	457235	761435	0.52%	0.099%
67	11.351	1416	1422	1428	rBV2	365722	704338	0.48%	0.091%
68	11.463	1435	1441	1452	rBV2	281173	580094	0.40%	0.075%
69	11.686	1471	1479	1484	rVB4	199184	486545	0.33%	0.063%
70	11.780	1491	1495	1502	rVB	983727	1638679	1.12%	0.212%
71	11.880	1504	1512	1516	rBV3	271879	590457	0.40%	0.077%

LSC Area Percent Report

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Data File : BM019522.D
Acq On : 28 Mar 2019 01:40
Operator : JU/SJ
Sample : K2063-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R6

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	11.927	1516	1520	1532	rVB5	263658	534023	0.37%	0.069%
73	12.039	1532	1539	1549	rVB	4225637	6518806	4.46%	0.845%
74	12.169	1556	1561	1565	rBV2	435679	635833	0.44%	0.082%
75	12.245	1565	1574	1575	rBV3	2336148	3791113	2.60%	0.491%
76	12.333	1584	1589	1593	rVB3	372069	711264	0.49%	0.092%
77	12.439	1599	1607	1616	rVB7	774621	2295232	1.57%	0.297%
78	12.569	1622	1629	1634	rBV4	355411	777416	0.53%	0.101%
79	12.639	1634	1641	1644	rVV4	238876	568263	0.39%	0.074%
80	12.698	1648	1651	1656	rVV	359195	555998	0.38%	0.072%
81	13.121	1718	1723	1726	rBV	396704	584733	0.40%	0.076%
82	13.221	1734	1740	1744	rBV	362078	527738	0.36%	0.068%
83	13.269	1744	1748	1756	rBV3	283269	523426	0.36%	0.068%
84	13.386	1763	1768	1772	rBV2	662977	1108769	0.76%	0.144%
85	13.427	1772	1775	1779	rVV	605817	857515	0.59%	0.111%
86	13.480	1779	1784	1789	rVV3	286608	552046	0.38%	0.072%
87	13.557	1789	1797	1803	rVV5	233824	556935	0.38%	0.072%
88	13.668	1811	1816	1822	rVB	1343483	1866147	1.28%	0.242%
89	13.739	1822	1828	1835	rBV5	174791	422623	0.29%	0.055%
90	13.886	1846	1853	1857	rBV3	313723	542797	0.37%	0.070%
91	13.939	1857	1862	1870	rVB	1514251	2227807	1.53%	0.289%
92	14.245	1906	1914	1920	rVV2	930656	1615949	1.11%	0.209%
93	15.245	2079	2084	2098	rVB	1790069	2773864	1.90%	0.359%
94	15.392	2100	2109	2118	rBV	696576	1119173	0.77%	0.145%
95	17.004	2378	2383	2389	rBV	1176214	1601565	1.10%	0.208%
96	17.104	2394	2400	2408	rVB	2109981	2849230	1.95%	0.369%
97	19.409	2787	2792	2804	rVB	2409216	3313002	2.27%	0.429%
98	21.209	3093	3098	3107	rBV	1767619	2269858	1.55%	0.294%
99	23.280	3443	3450	3458	rBV2	2613555	4692215	3.21%	0.608%
100	23.421	3467	3474	3482	rVB	1440352	2656411	1.82%	0.344%

Sum of corrected areas: 771662602

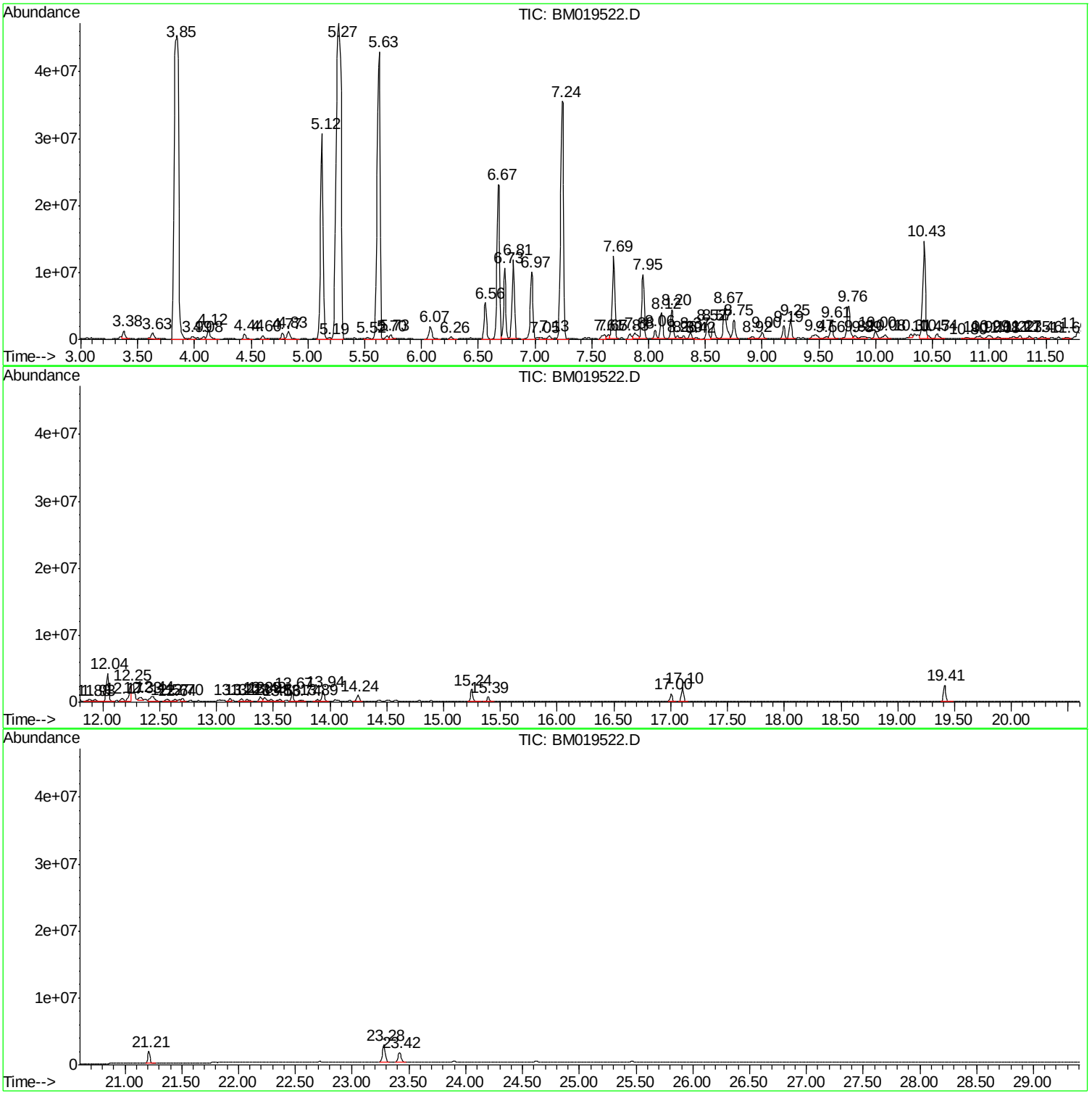
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019522.D
Acq On : 28 Mar 2019 01:40
Operator : JU/SJ
Sample : K2063-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB6R6

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\BM032719\
Data File : BM019522.D
Acq On : 28 Mar 2019 01:40
Operator : JU/SJ
Sample : K2063-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R6

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

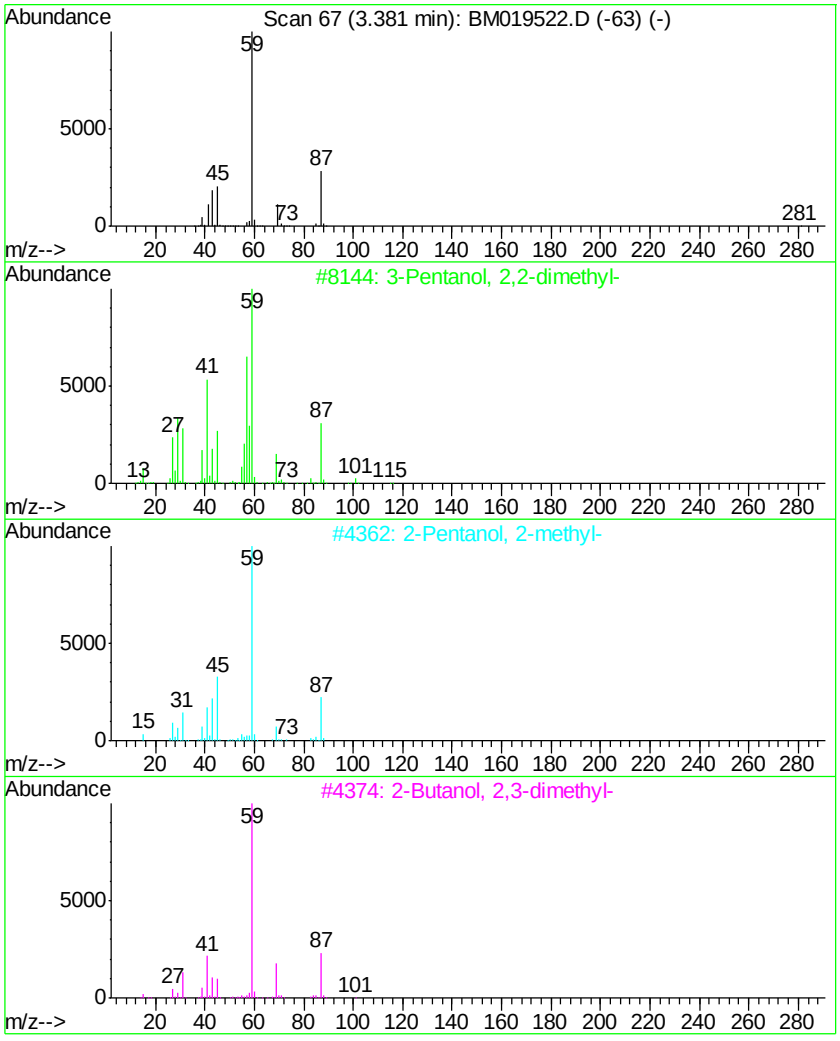
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

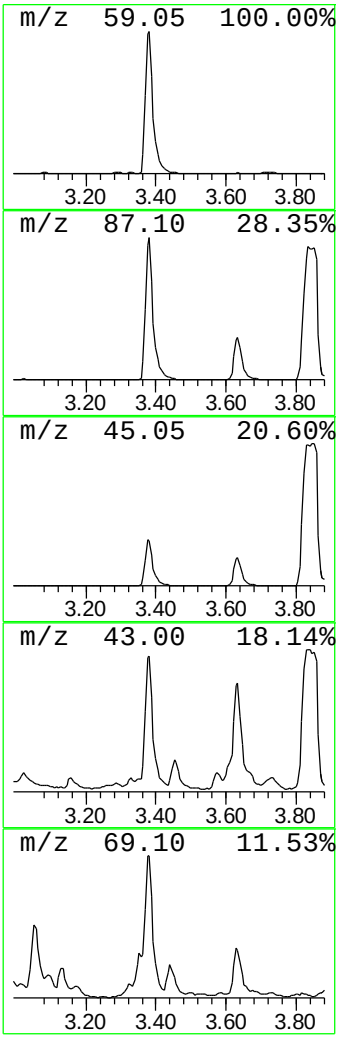
****

Peak Number 1 3-Pentanol, 2,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	21.80 ng/ul	1893160	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	78
2	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	74
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	50
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019522.D
Acq On : 28 Mar 2019 01:40
Operator : JU/SJ
Sample : K2063-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R6

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

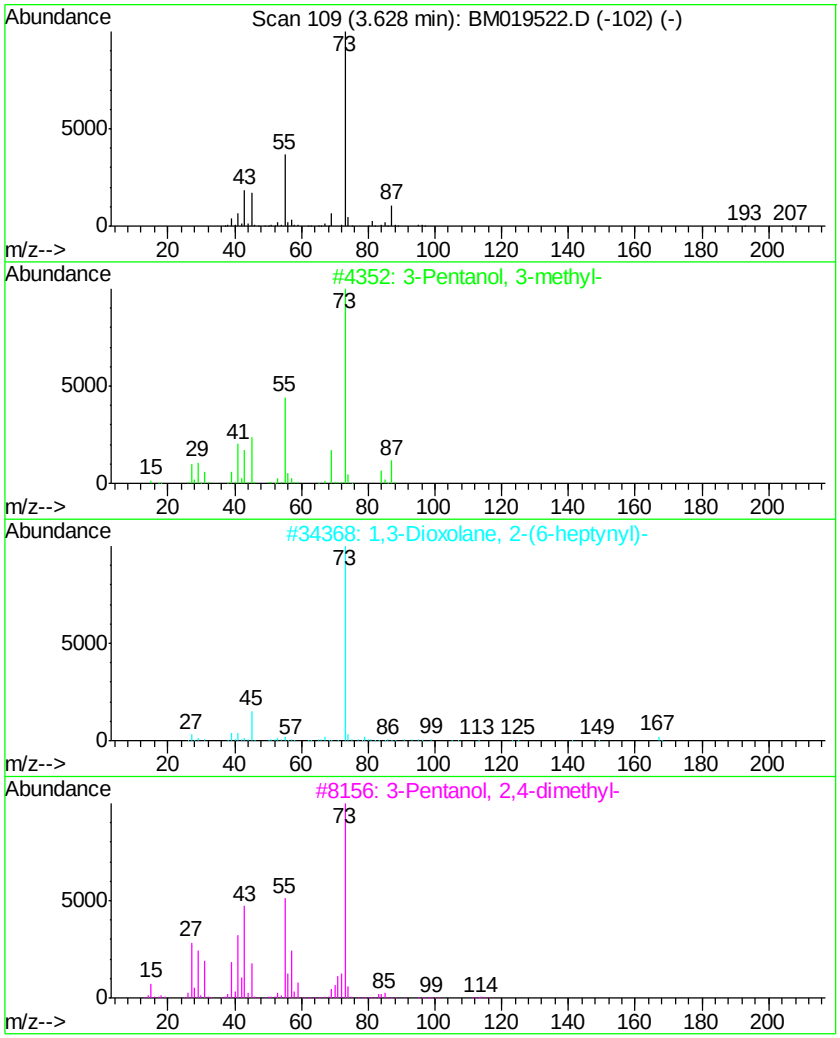
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

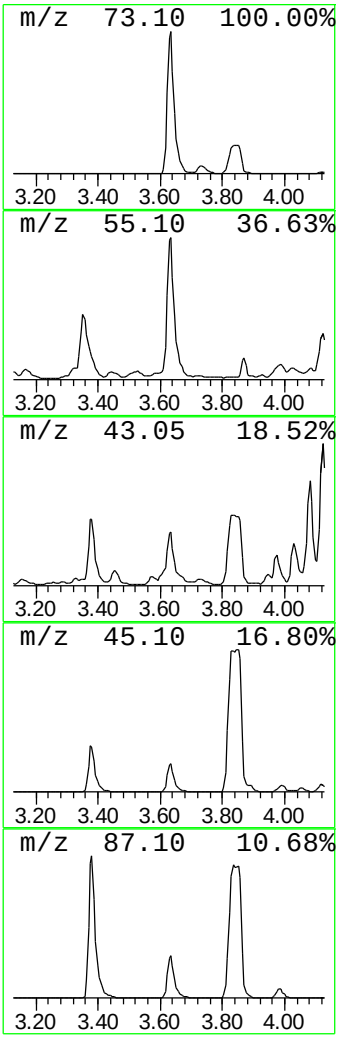
****

Peak Number 2 3-Pentanol, 3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	21.29 ng/ul	1849110	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	56
2	1,3-Dioxolane, 2-(6-heptynyl)-	168	C10H16O2	025595-82-8	38
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	36
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	25
5	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019522.D
Acq On : 28 Mar 2019 01:40
Operator : JU/SJ
Sample : K2063-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R6

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

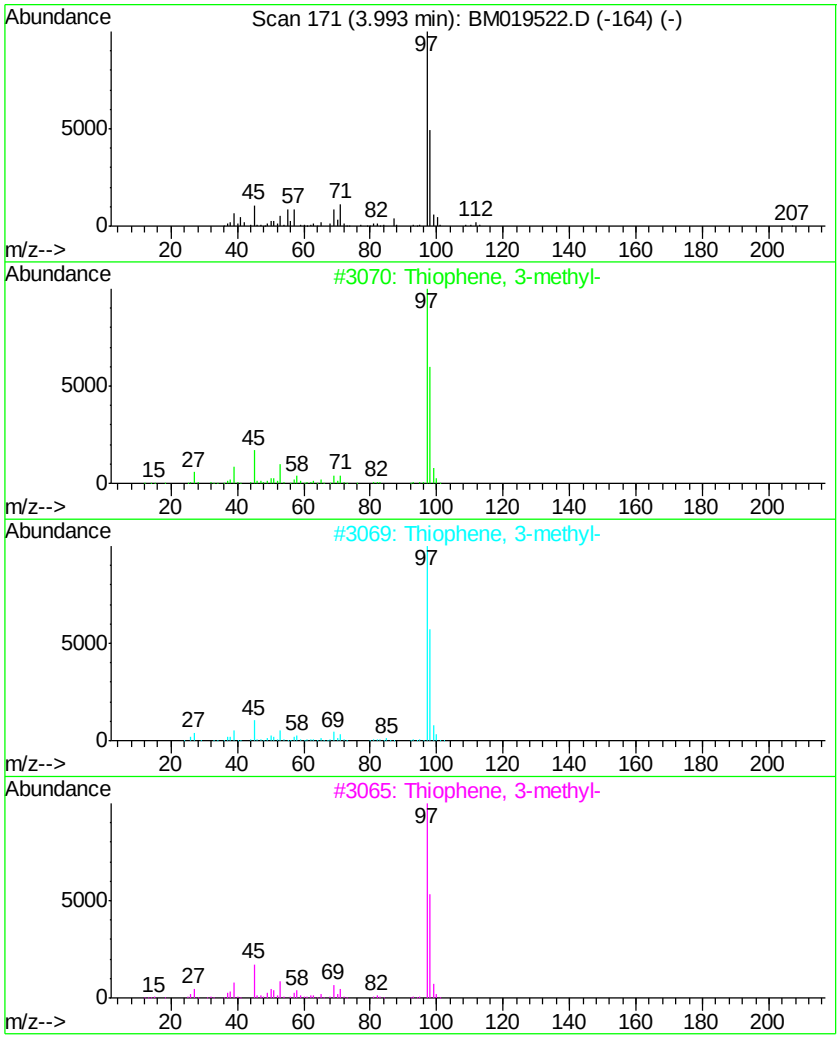
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

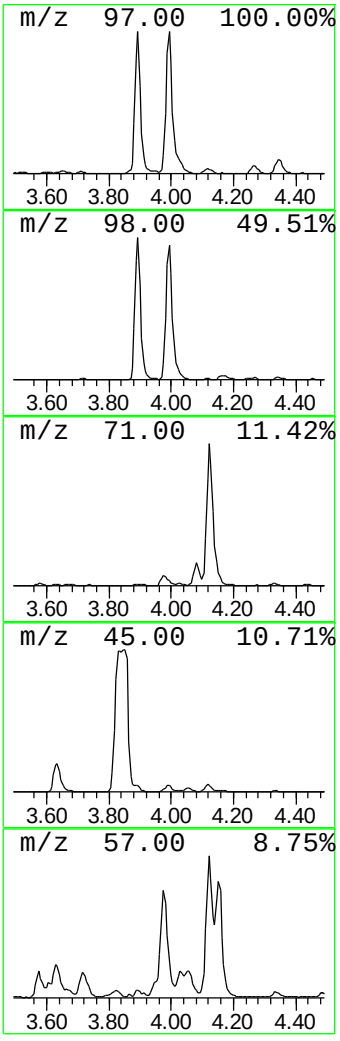
****

Peak Number 4 Thiophene, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	10.52 ng/ul	913349	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	86
2	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	80
3	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	78
4	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	64
5	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019522.D
Acq On : 28 Mar 2019 01:40
Operator : JU/SJ
Sample : K2063-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R6

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

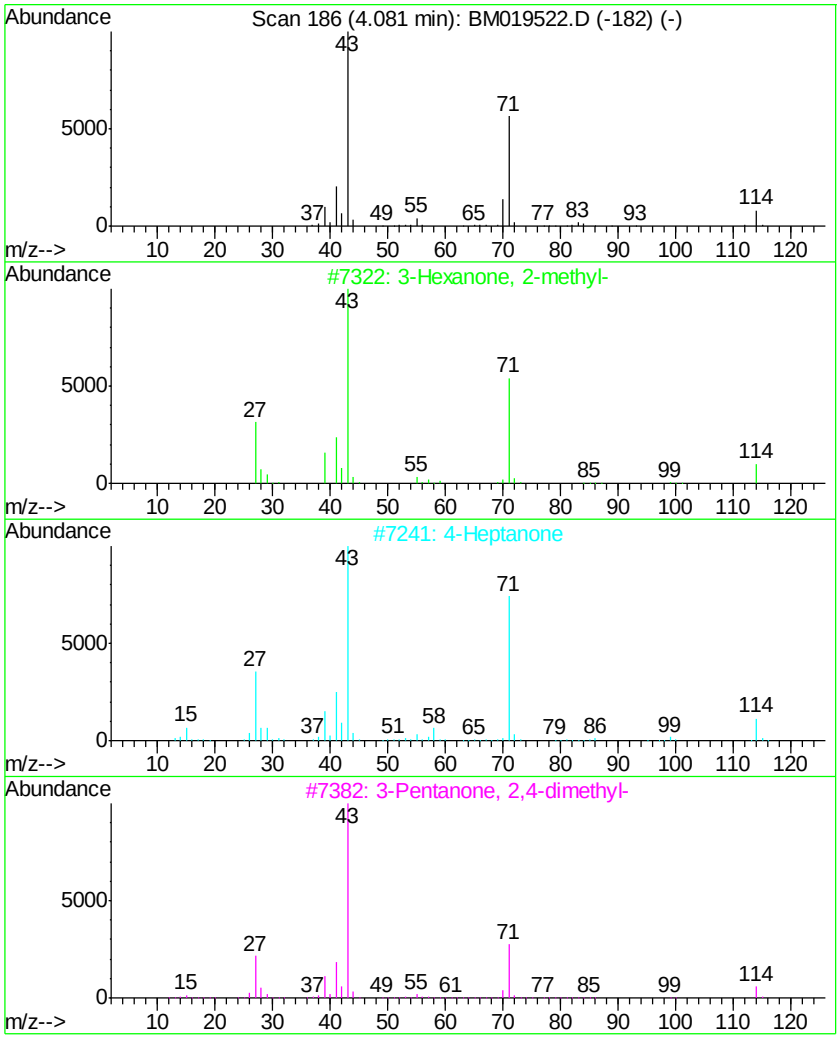
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

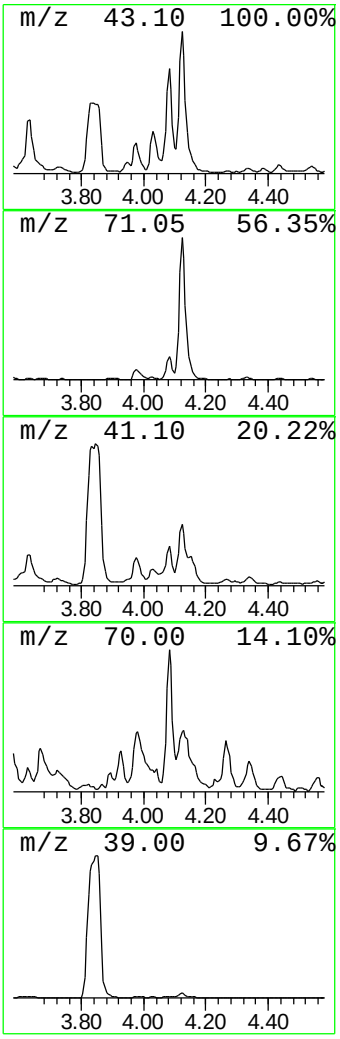
****

Peak Number 5 3-Hexanone, 2-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	6.81 ng/ul	591767	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	80
2	4-Heptanone	114	C7H14O	000123-19-3	50
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	47
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	43
5	4-Heptanone	114	C7H14O	000123-19-3	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019522.D
Acq On : 28 Mar 2019 01:40
Operator : JU/SJ
Sample : K2063-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R6

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

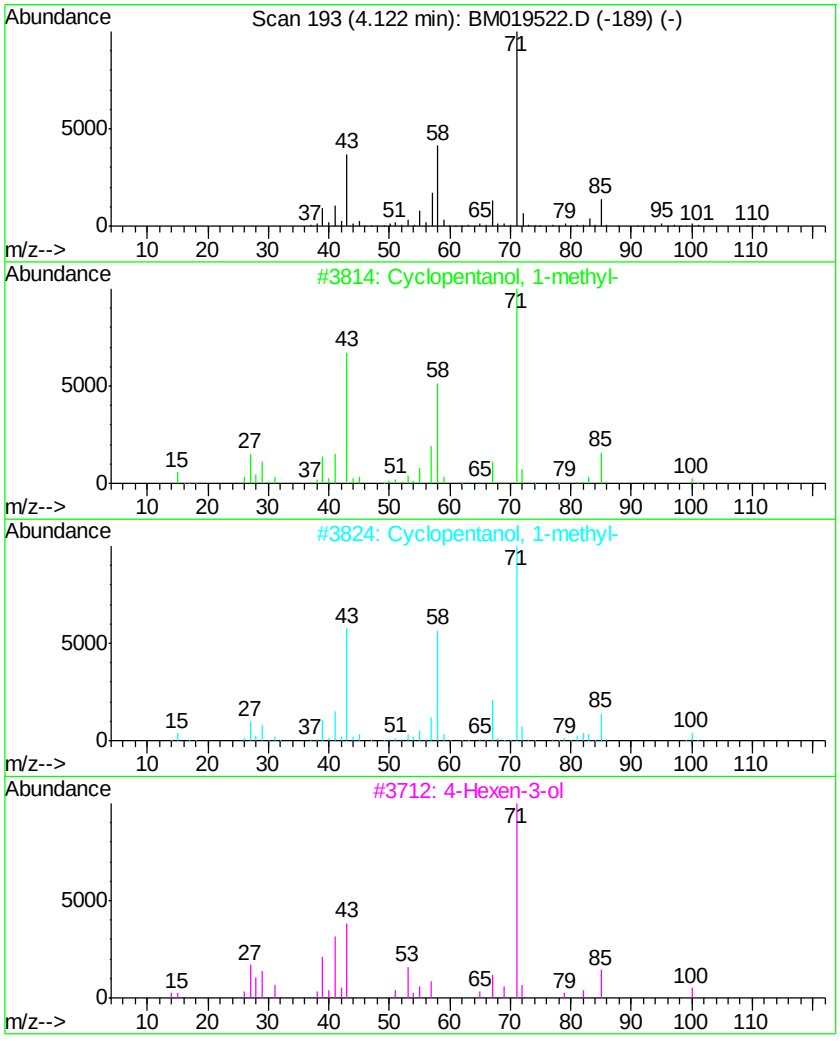
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

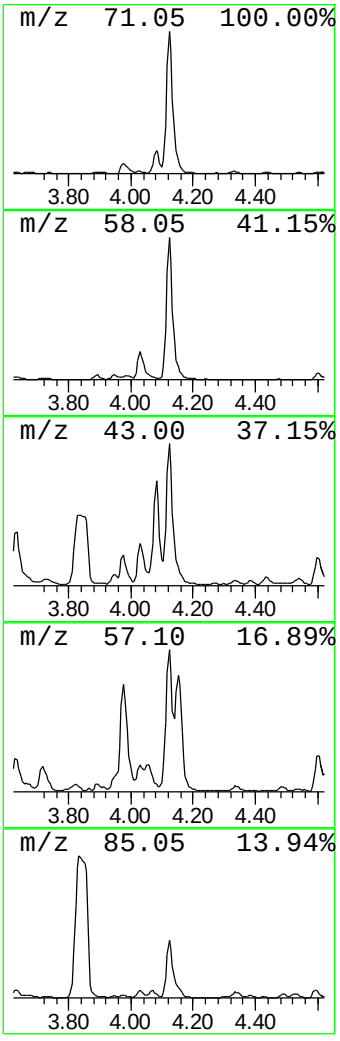
****

Peak Number 6 Cyclopentanol, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	30.31 ng/ul	2632340	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	74
2	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	64
3	4-Hexen-3-ol	100	C6H12O	004798-58-7	53
4	Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	47
5	Oxirane, butyl-	100	C6H12O	001436-34-6	40





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Sample : K2063-04
Misc :
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ClientSampleId : DB6R6

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Quant Title : SVOA CALIBRATION

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

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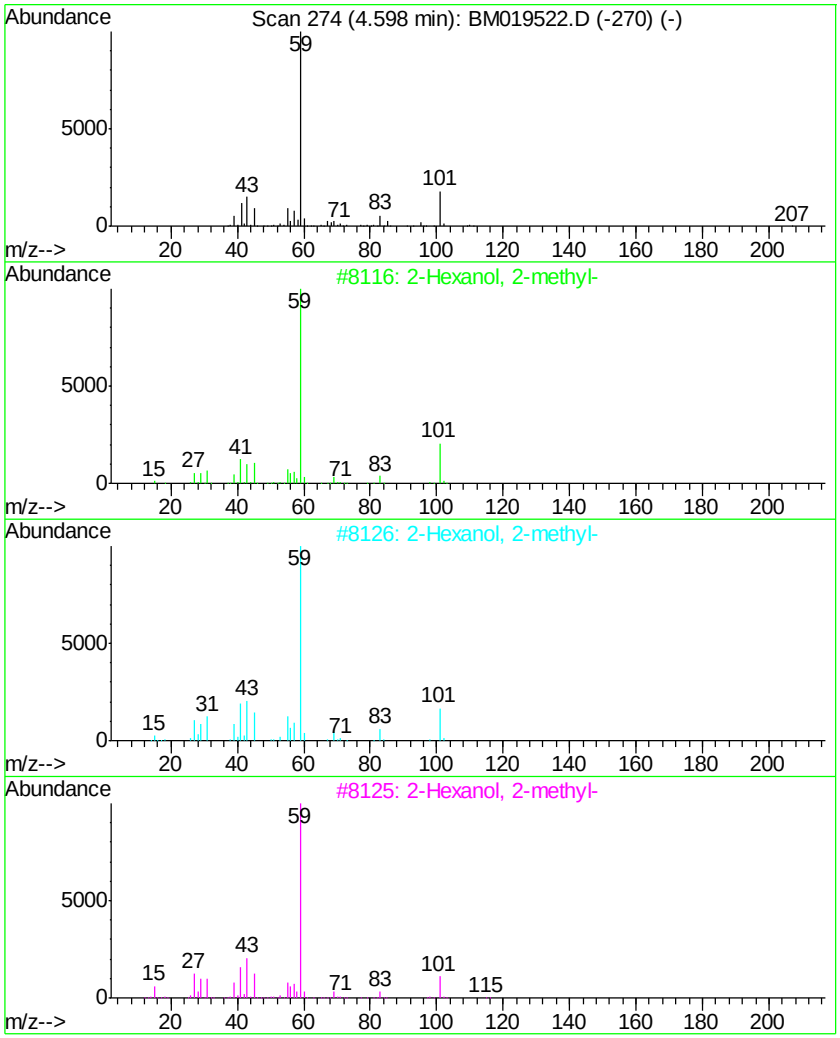
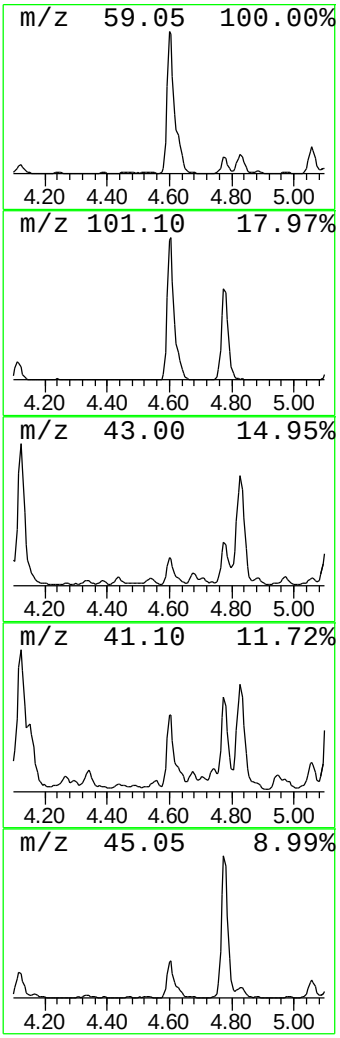
Peak Number 8 2-Hexanol, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	11.89 ng/ul	1032530	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	83
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	72
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	72
4	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	72
5	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	56





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Quant Title : SVOA CALIBRATION

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

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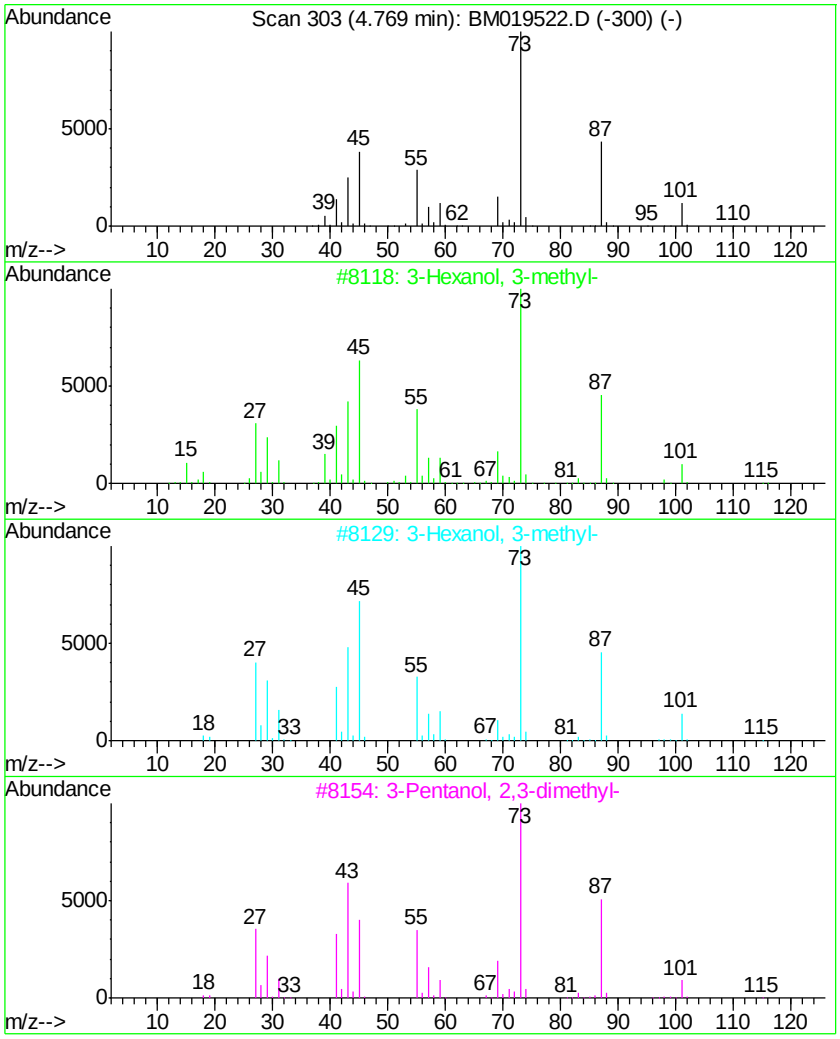
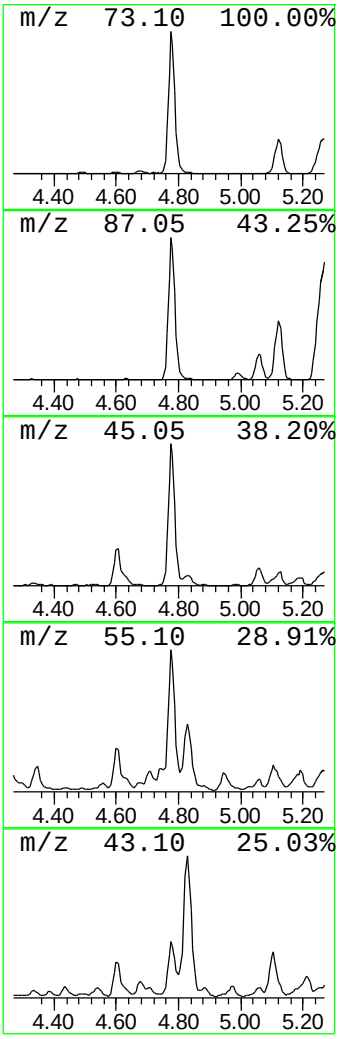
Peak Number 9 3-Hexanol, 3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	14.32 ng/ul	1243550	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	83
2	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	83
3	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	72
4	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	72
5	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	64





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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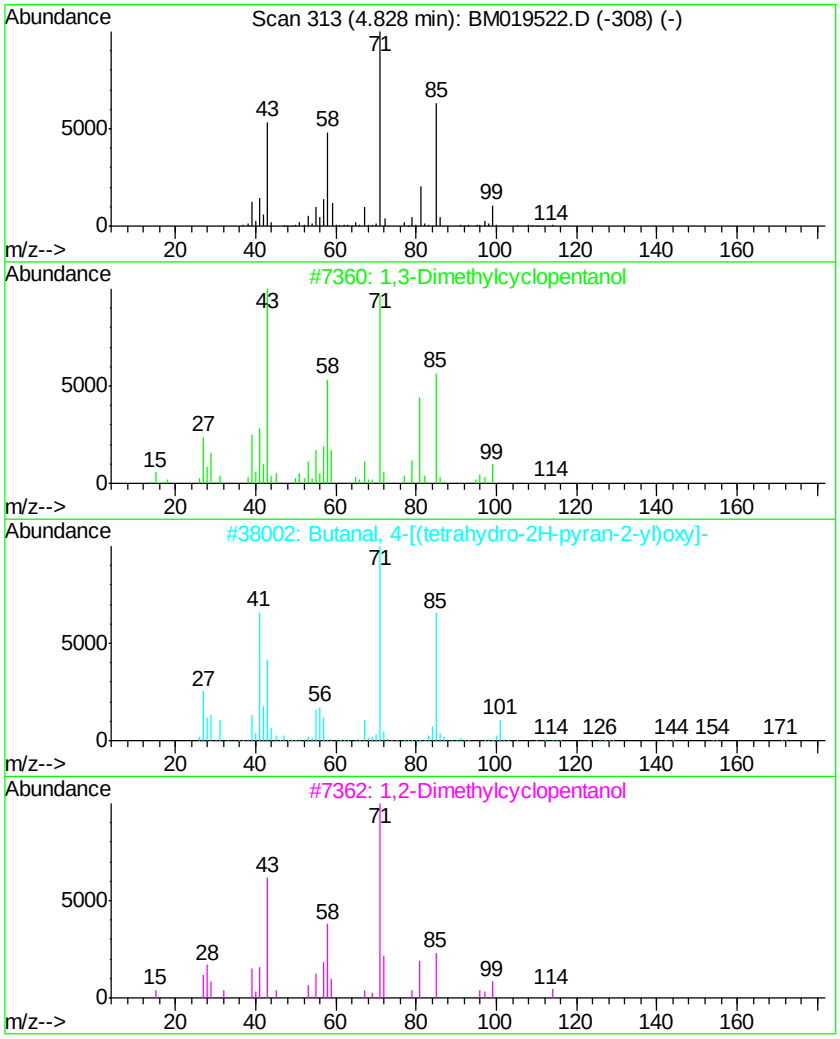
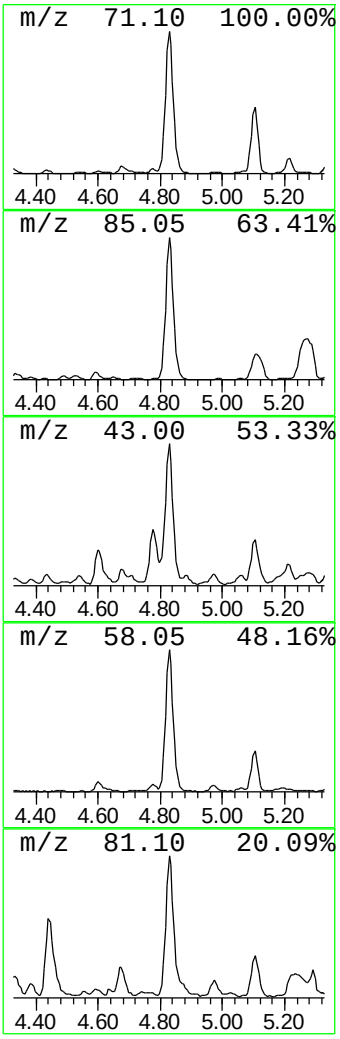
Peak Number 10 1,3-Dimethylcyclopentanol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	25.98 ng/ul	2256790	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	53
2	Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	53
3	1,2-Dimethylcyclopentanol	114	C7H14O	019550-45-9	40
4	2-Nonanone	142	C9H18O	000821-55-6	37
5	Thiazole	85	C3H3NS	000288-47-1	35





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Quant Title : SVOA CALIBRATION

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

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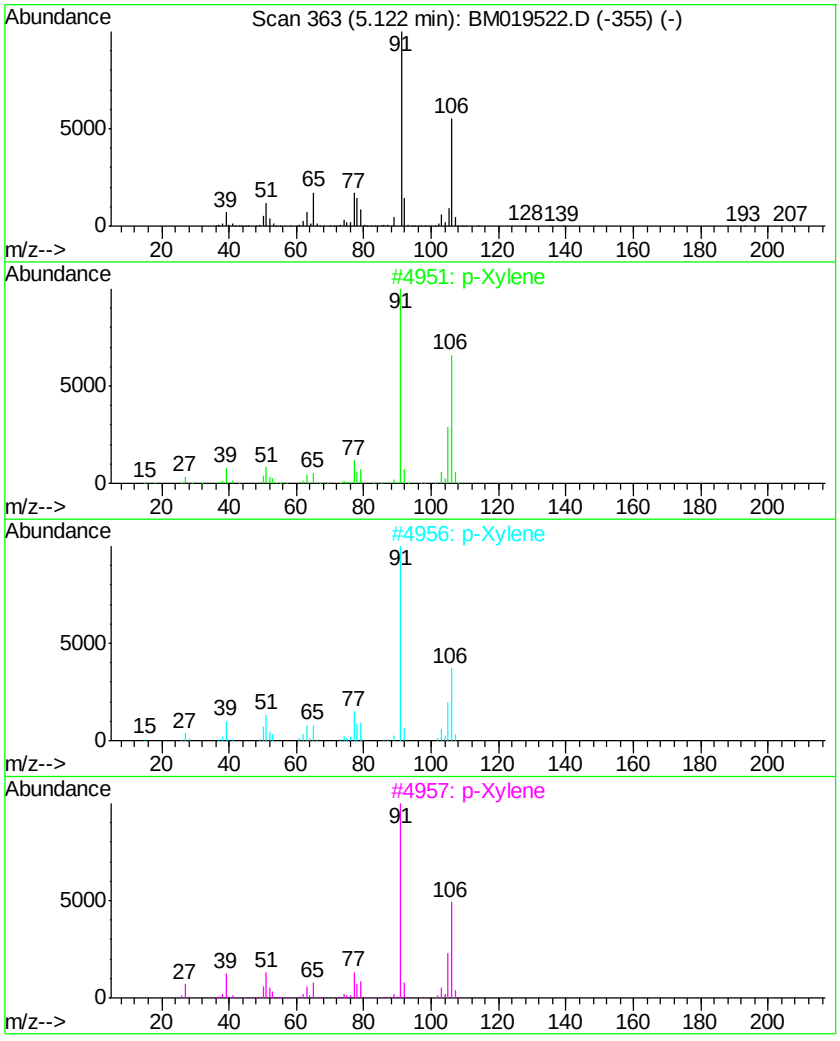
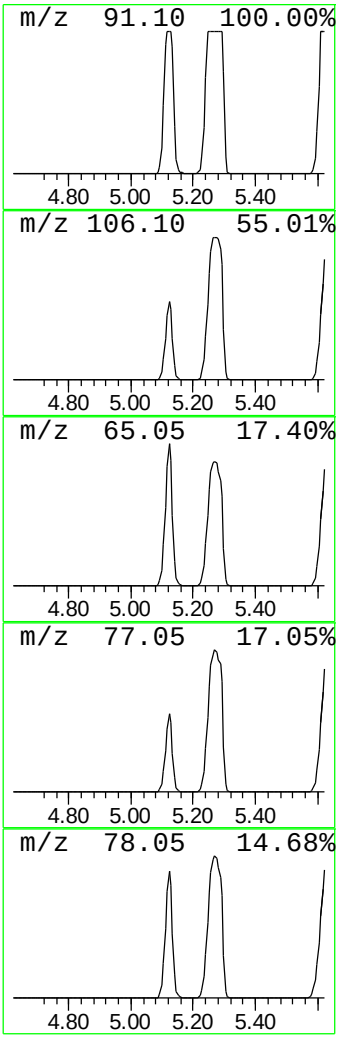
Peak Number 11 p-Xylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	583.91 ng/ul	50715700	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	86
2	p-Xylene	106	C8H10	000106-42-3	83
3	p-Xylene	106	C8H10	000106-42-3	83
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	81
5	Ethylbenzene	106	C8H10	000100-41-4	81





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Quant Title : SVOA CALIBRATION

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

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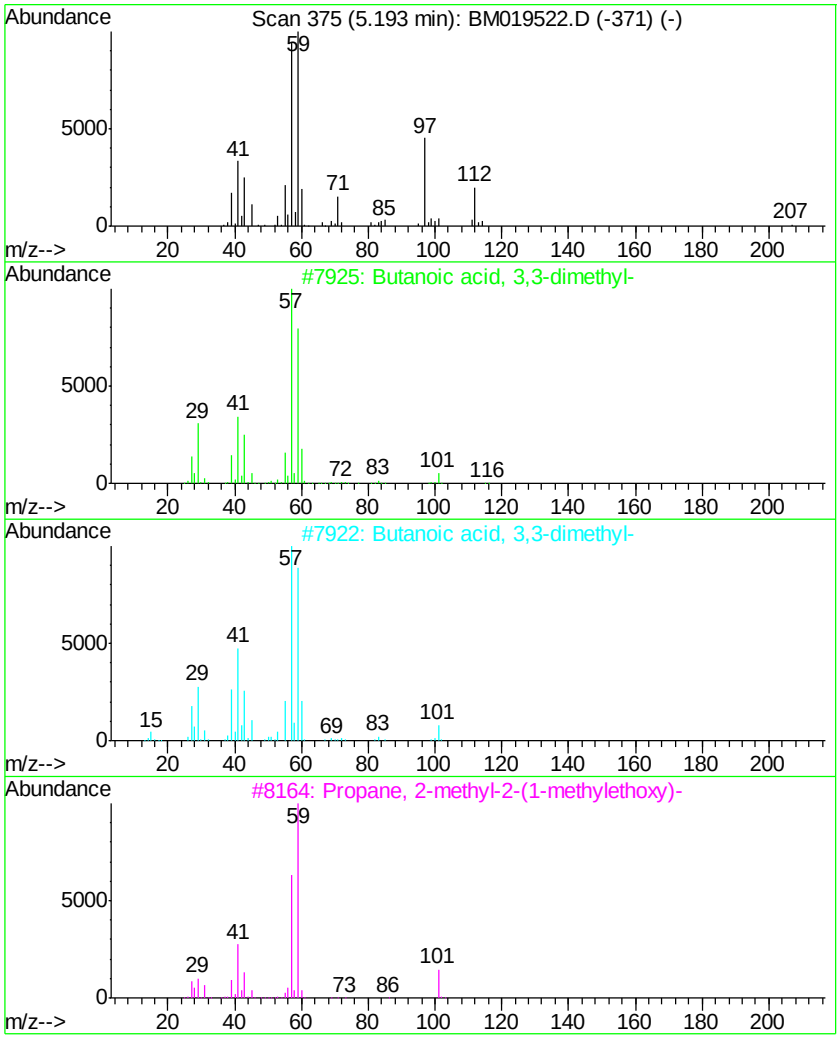
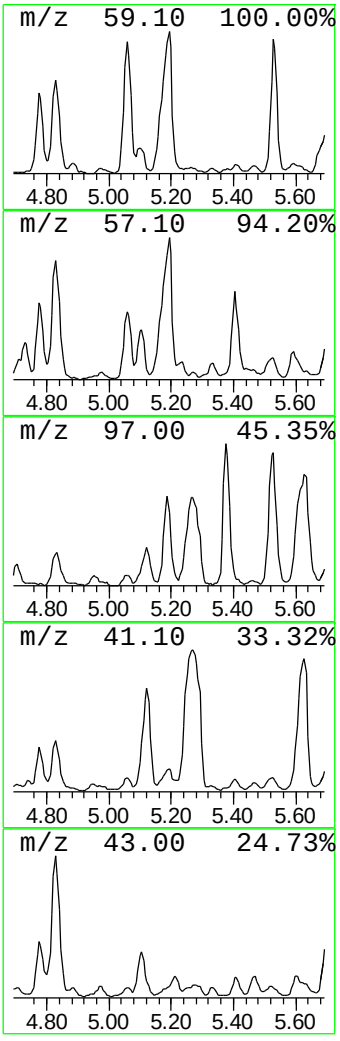
Peak Number 12 unknown-01 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	5.09 ng/ul	442042	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3,3-dimethyl-	116	C6H12O2	001070-83-3	47
2	Butanoic acid, 3,3-dimethyl-	116	C6H12O2	001070-83-3	47
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	37
4	3-Nonanol	144	C9H20O	000624-51-1	28
5	6-Nitrohexan-2-ol	147	C6H13NO3	062224-53-7	25





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Quant Title : SVOA CALIBRATION

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

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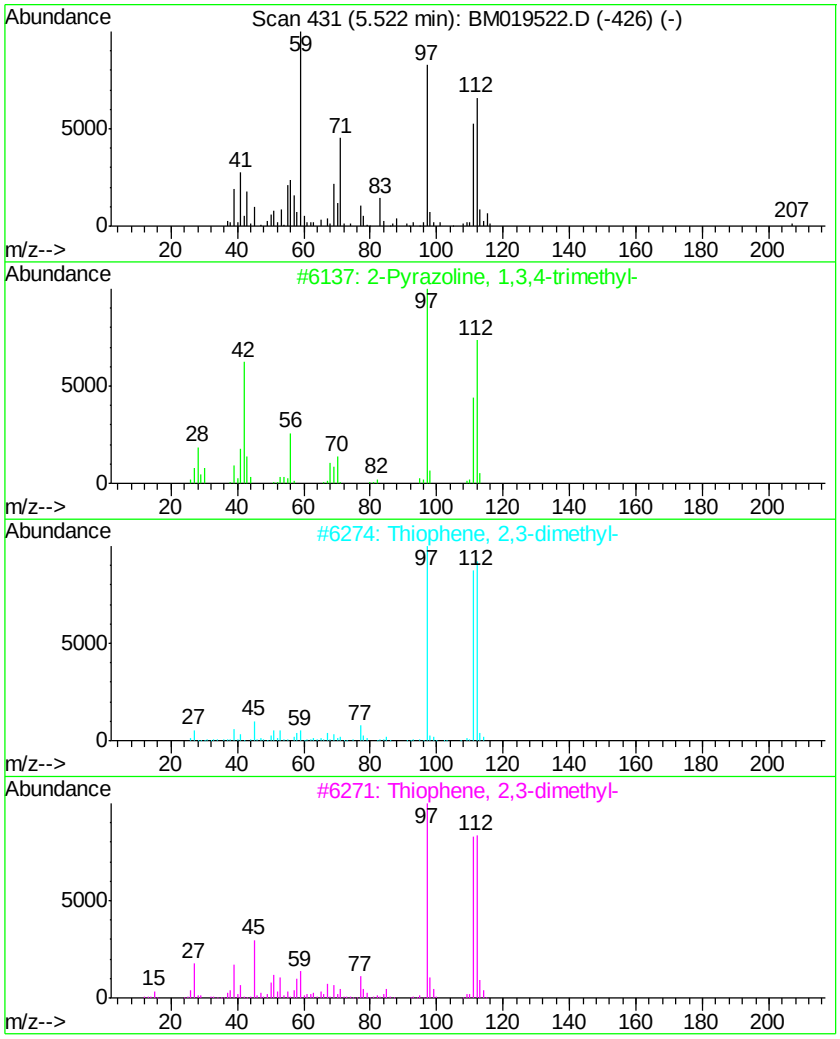
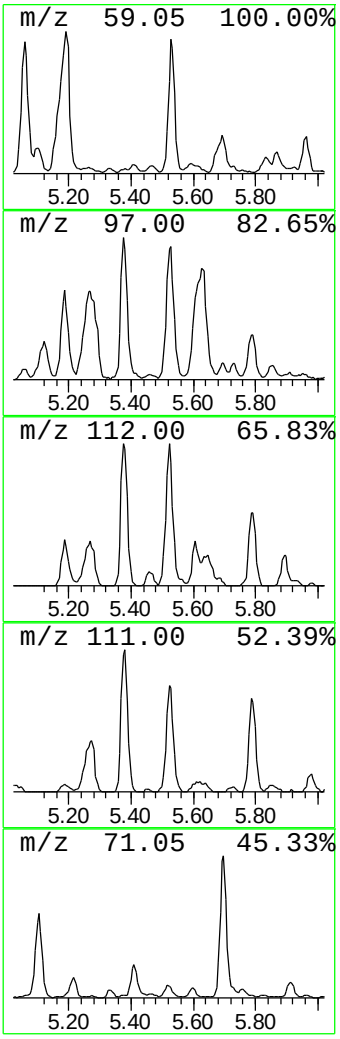
Peak Number 14 2-Pyrazoline, 1,3,4-trimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	4.93 ng/ul	427795	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrazoline, 1,3,4-trimethyl-	112	C6H12N2	014044-41-8	60
2	Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	43
3	Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	35
4	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	35
5	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	27





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Quant Title : SVOA CALIBRATION

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

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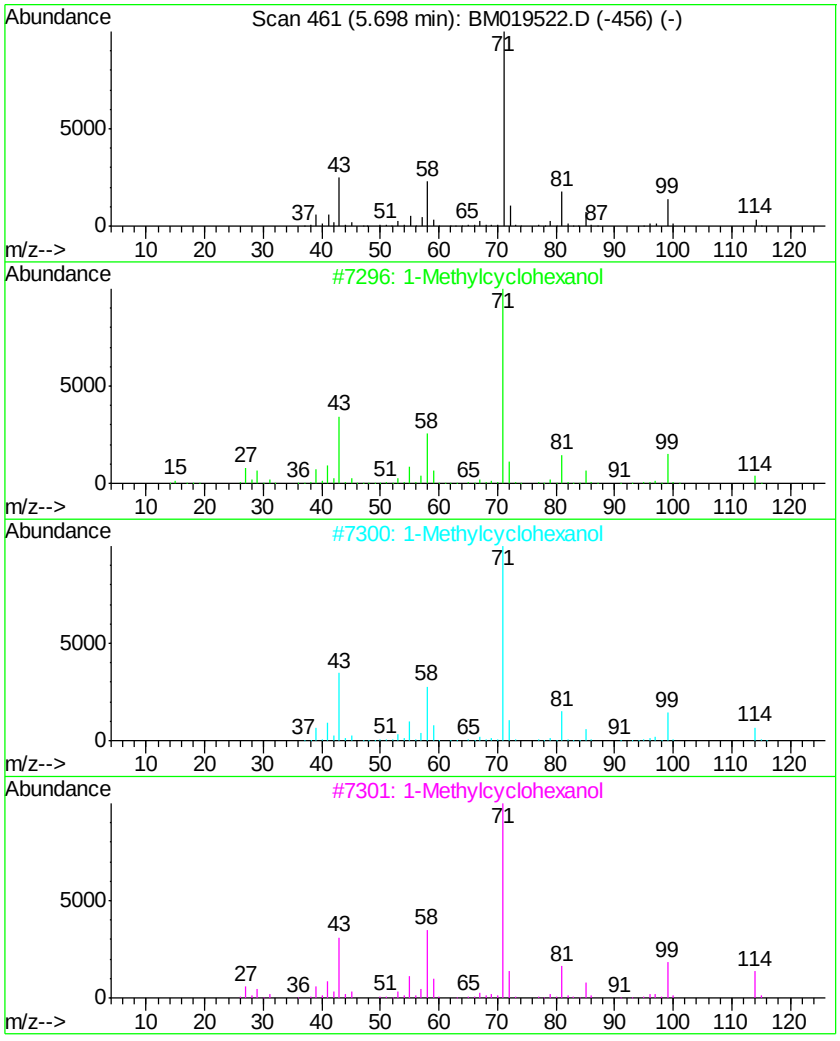
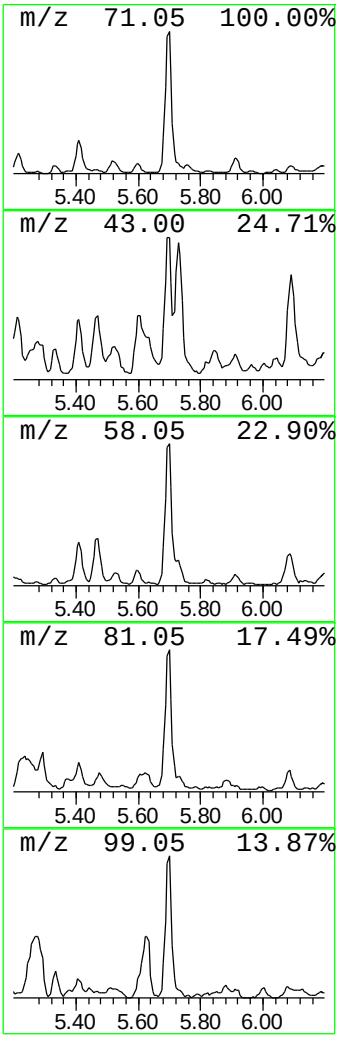
Peak Number 16 1-Methylcyclohexanol Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	8.91 ng/ul	774289	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcyclohexanol	114	C7H14O	000590-67-0	91
2	1-Methylcyclohexanol	114	C7H14O	000590-67-0	91
3	1-Methylcyclohexanol	114	C7H14O	000590-67-0	90
4	1-Methylcyclohexanol	114	C7H14O	000590-67-0	83
5	Silane, ethenyldiethylmethyl-	128	C7H16Si	018292-29-0	36





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Quant Title : SVOA CALIBRATION

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

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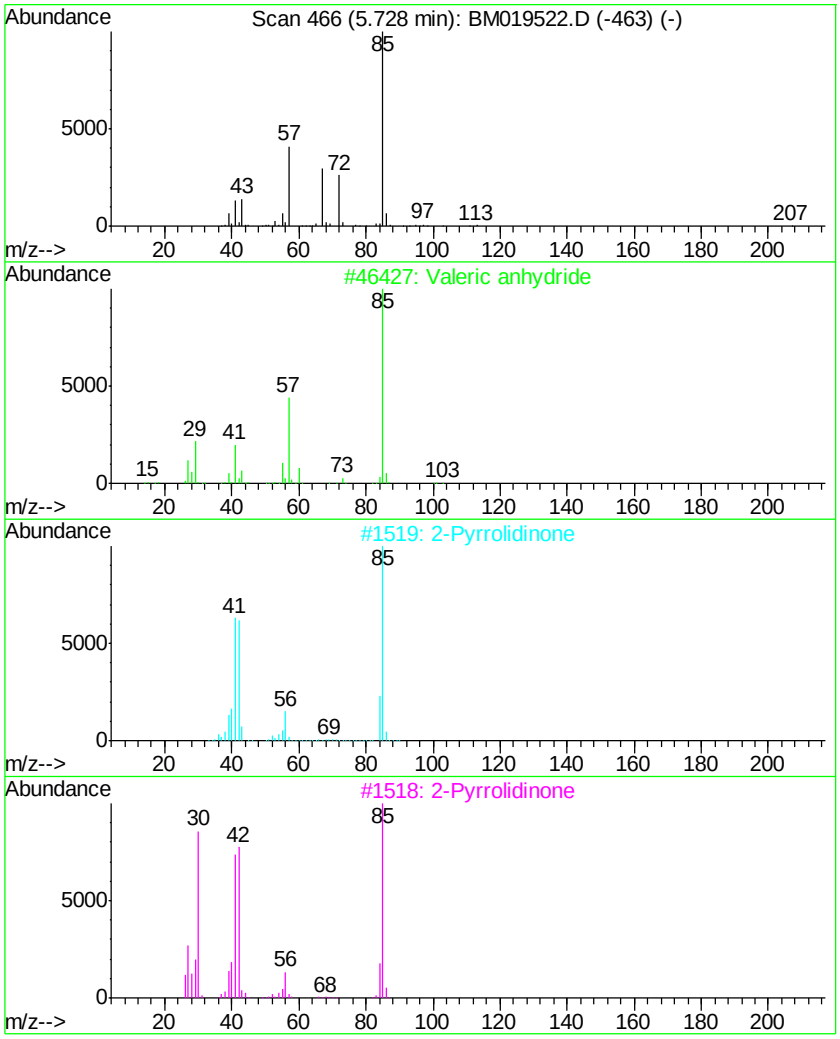
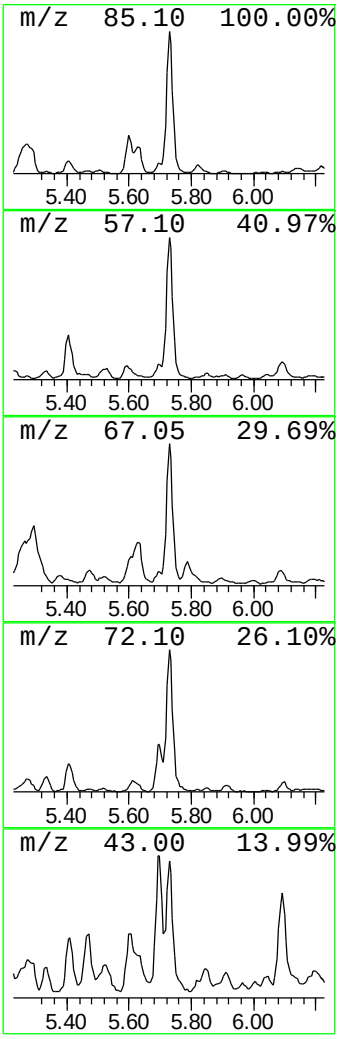
Peak Number 17 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	10.89 ng/ul	946147	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Valeric anhydride	186	C10H18O3	002082-59-9	10
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4	1,2,6-Hexanetriol	134	C6H14O3	000106-69-4	9
5	10-(Tetrahydro-pyran-2-yloxy)-tr...	252	C15H24O3	1000192-28-8	9





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Quant Title : SVOA CALIBRATION

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

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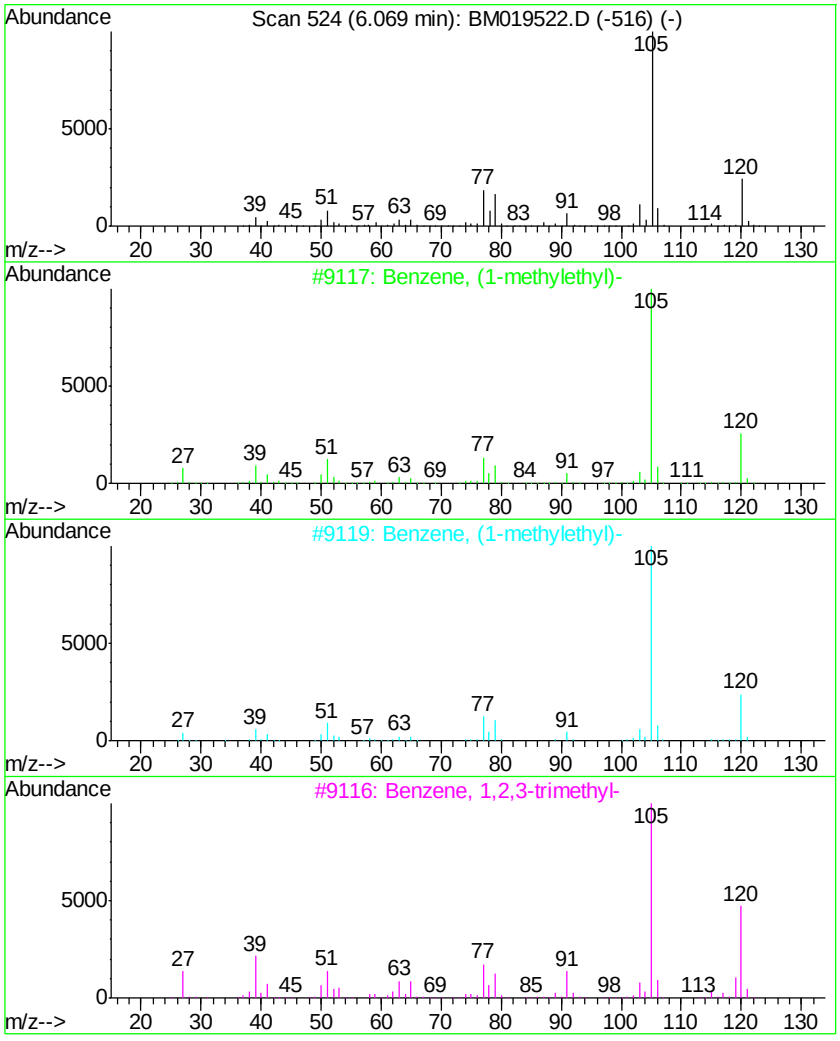
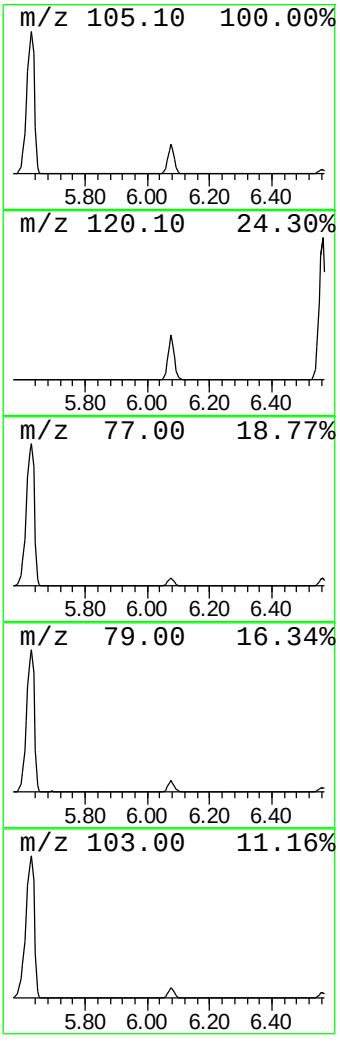
Peak Number 18 Benzene, (1-methylethyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	40.04 ng/ul	3477480	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90





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

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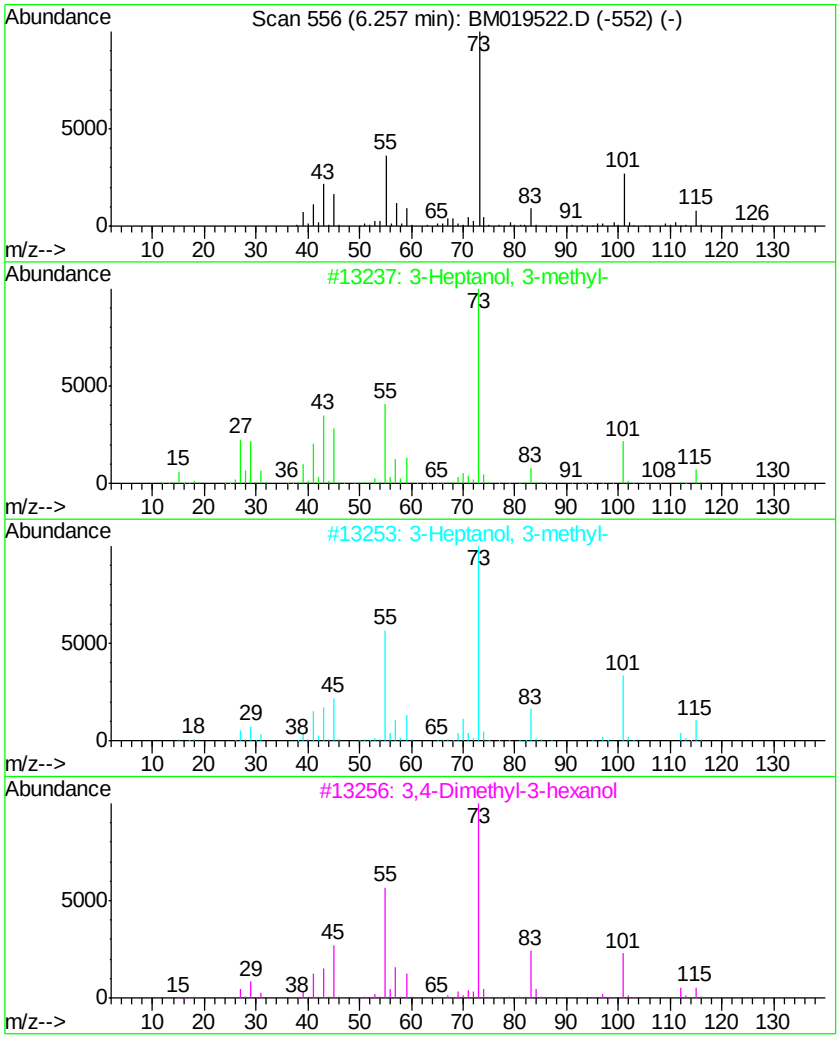
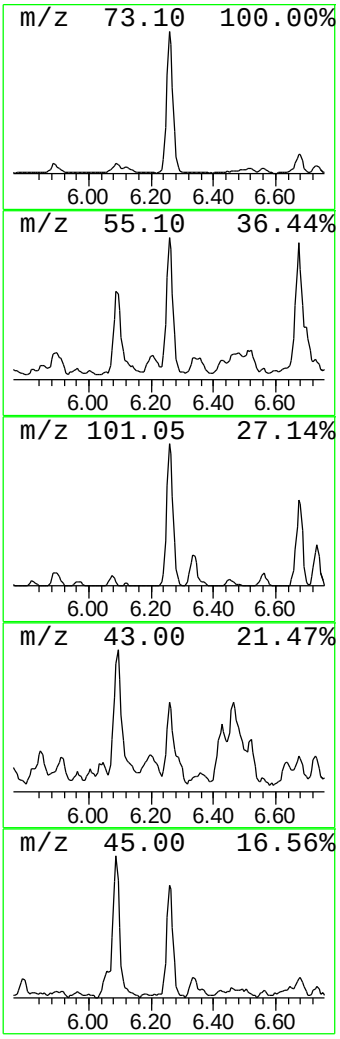
Peak Number 19 3-Heptanol, 3-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	6.00 ng/ul	521171	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	78
2	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	64
3	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	43
4	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	38
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	38





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

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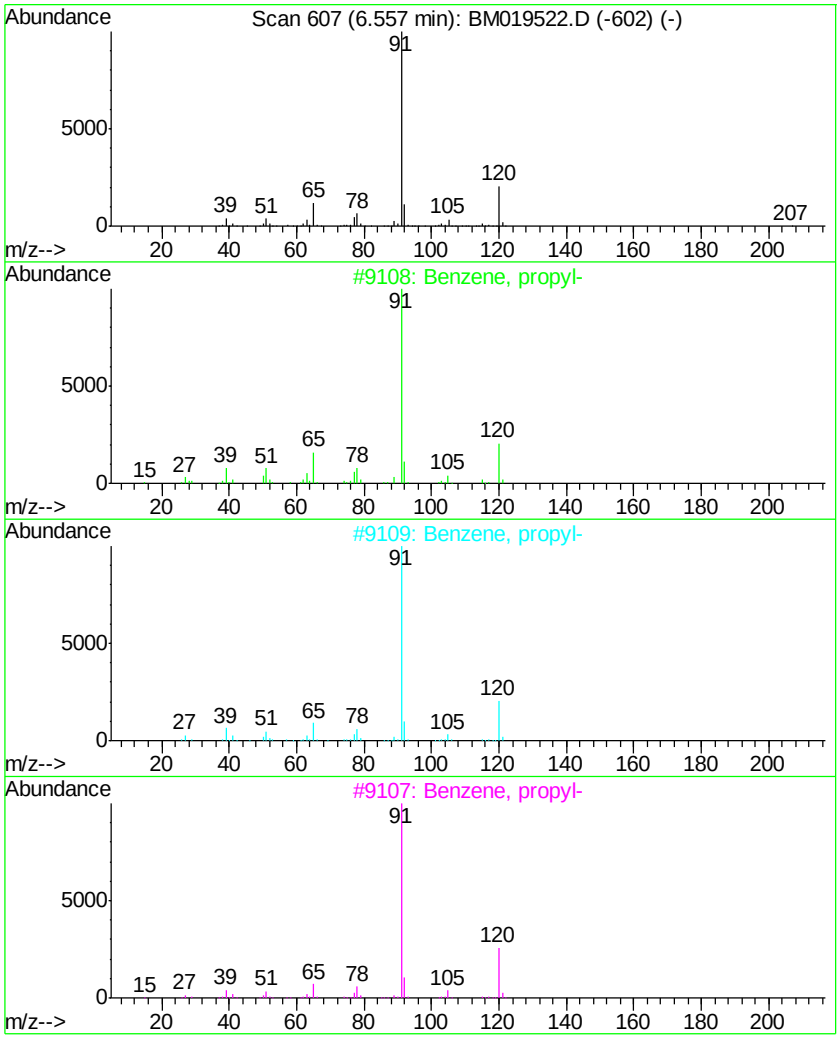
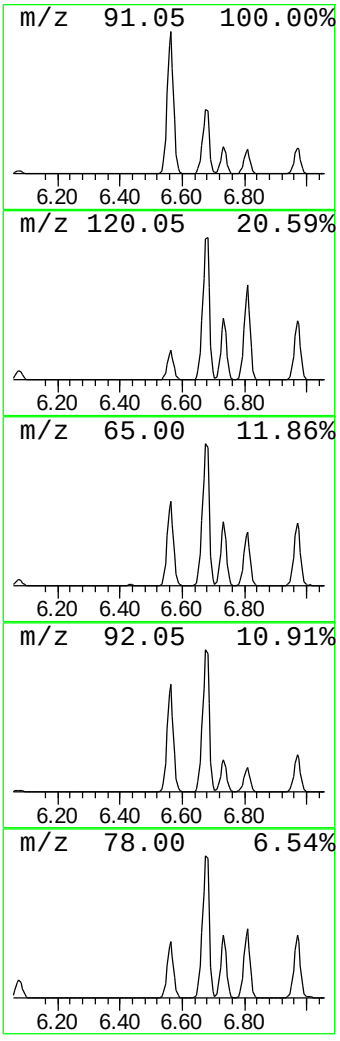
Peak Number 20 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	91.01 ng/ul	7904400	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	78
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





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TIC Integration Parameters: LSCINT.P

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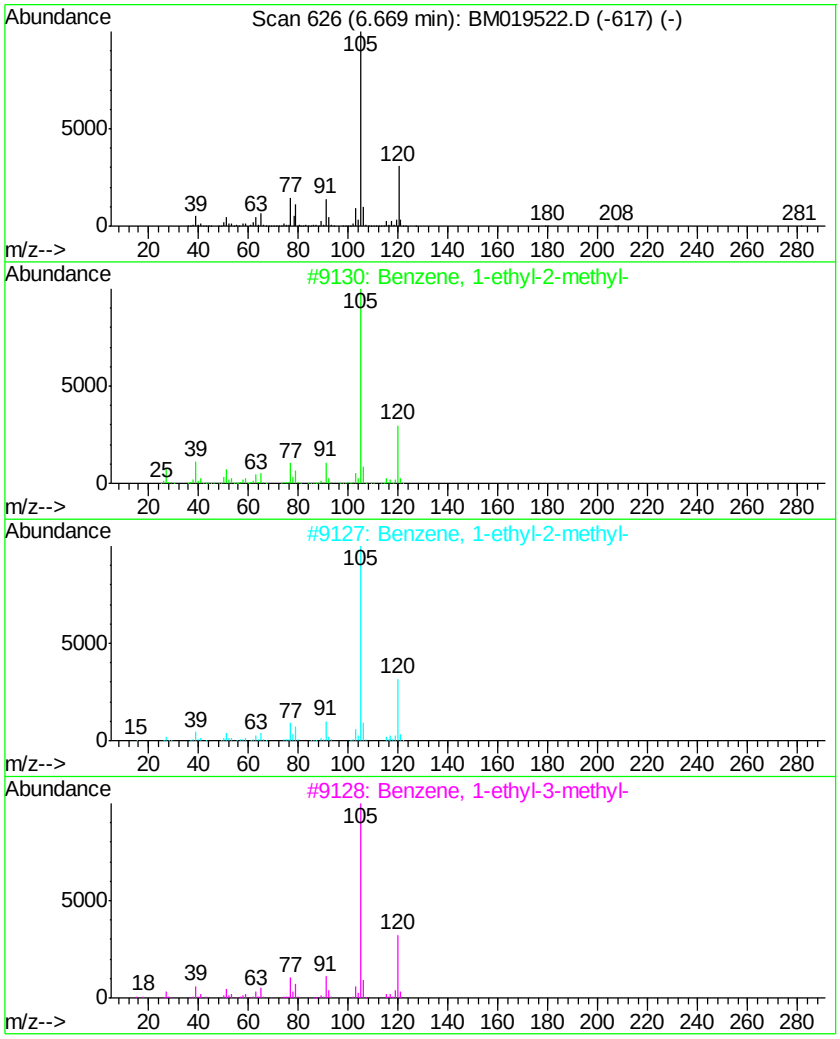
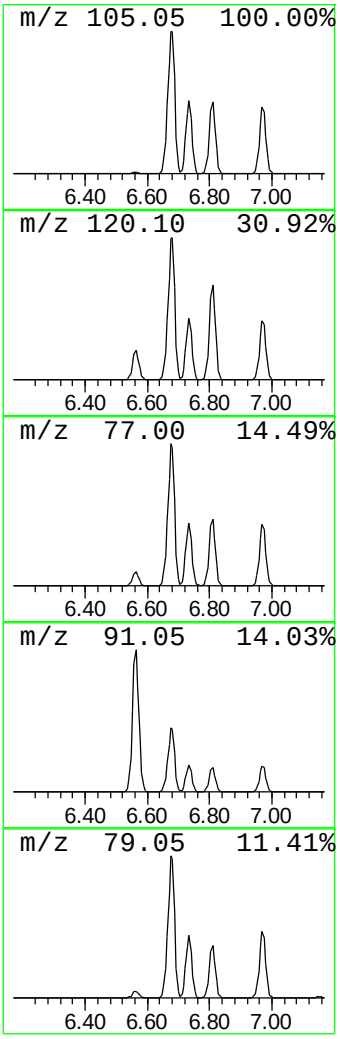
Peak Number 21 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	418.93 ng/ul	36385700	1,4-Dichlorobenzene-d4	7.59

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	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,3,5-trimethyl-	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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Operator : JU/SJ
Sample : K2063-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R6

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Quant Title : SVOA CALIBRATION

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

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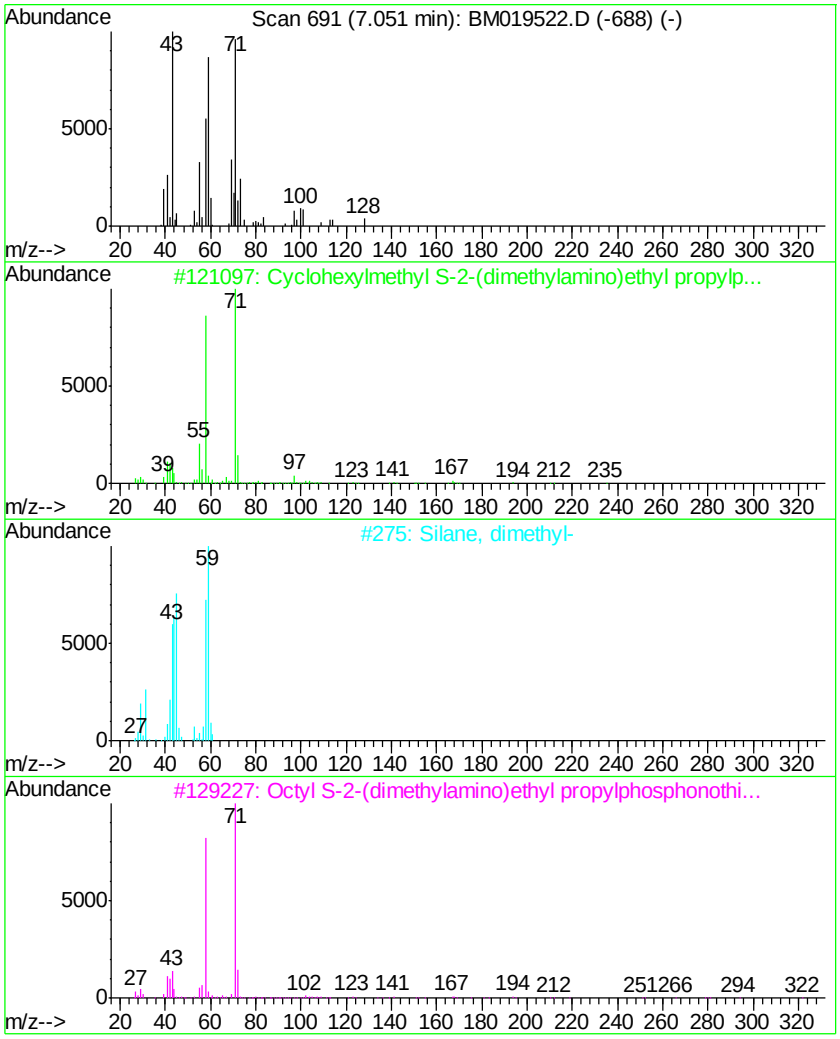
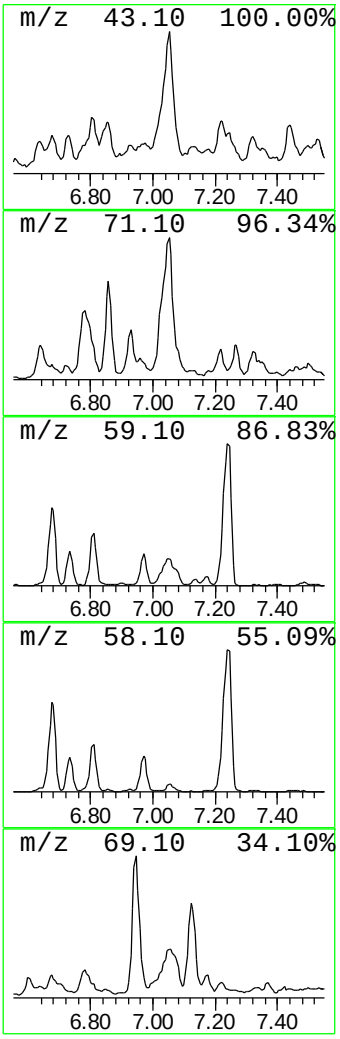
Peak Number 22 unknown-03 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	6.58 ng/ul	571530	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexylmethyl S-2-(dimethylam...	307	C14H30NO2PS	1000298-43-5	38
2	Silane, dimethyl-	60	C2H8Si	001111-74-6	32
3	Octyl S-2-(dimethylamino)ethyl p...	323	C15H34NO2PS	1000298-41-9	32
4	Allyldimethylsilane	100	C5H12Si	003937-30-2	27
5	2-Decanone, 5,9-dimethyl-	184	C12H24O	033933-82-3	23





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ClientSampleId : DB6R6

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Quant Title : SVOA CALIBRATION

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

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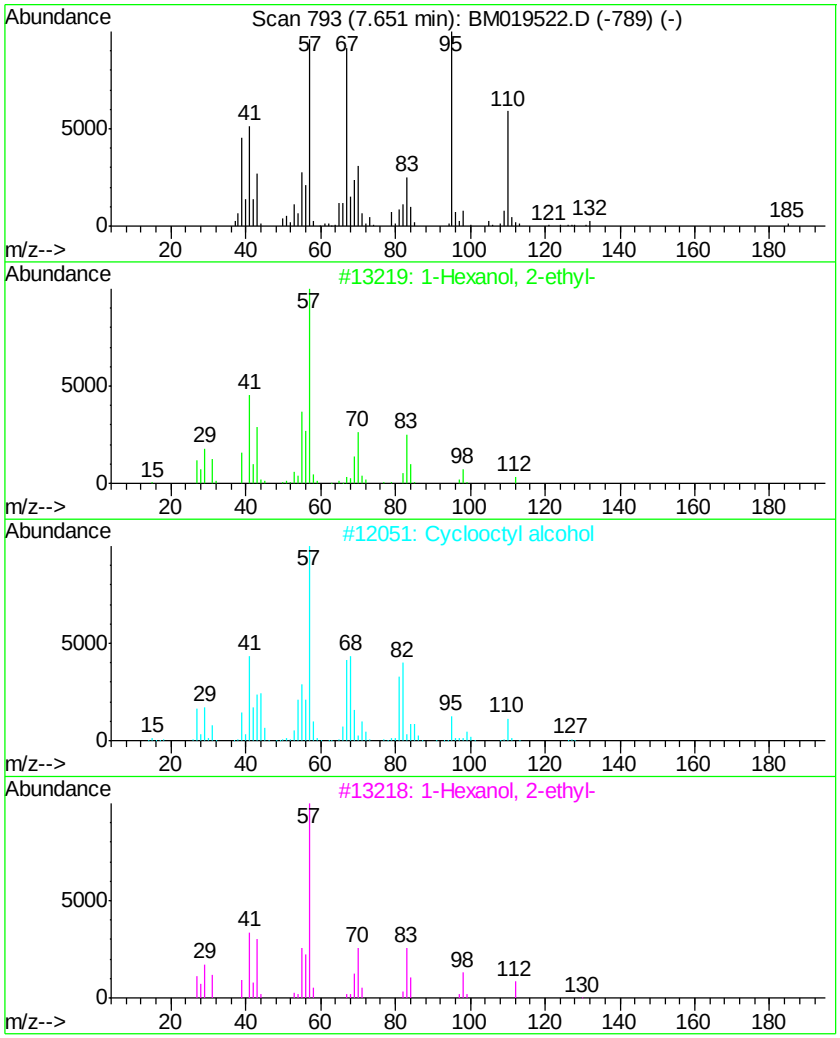
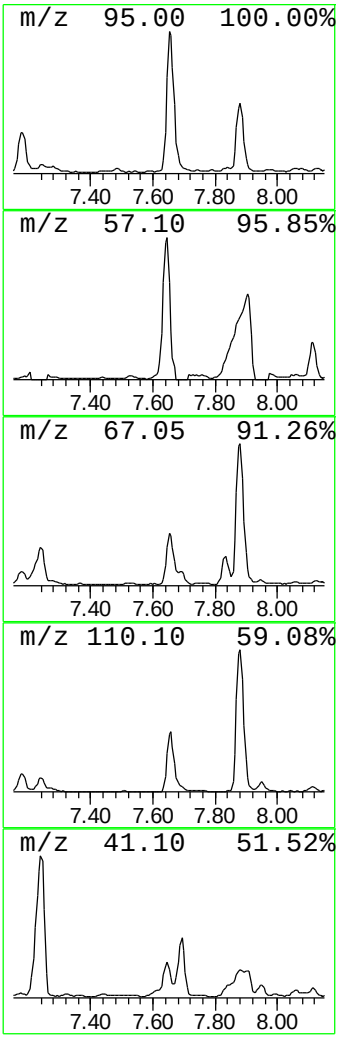
Peak Number 24 unknown-04 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	11.11 ng/ul	964836	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	47
2	Cyclooctyl alcohol	128	C8H16O	000696-71-9	40
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	38
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	38
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	37





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ClientSampleId : DB6R6

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Quant Title : SVOA CALIBRATION

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

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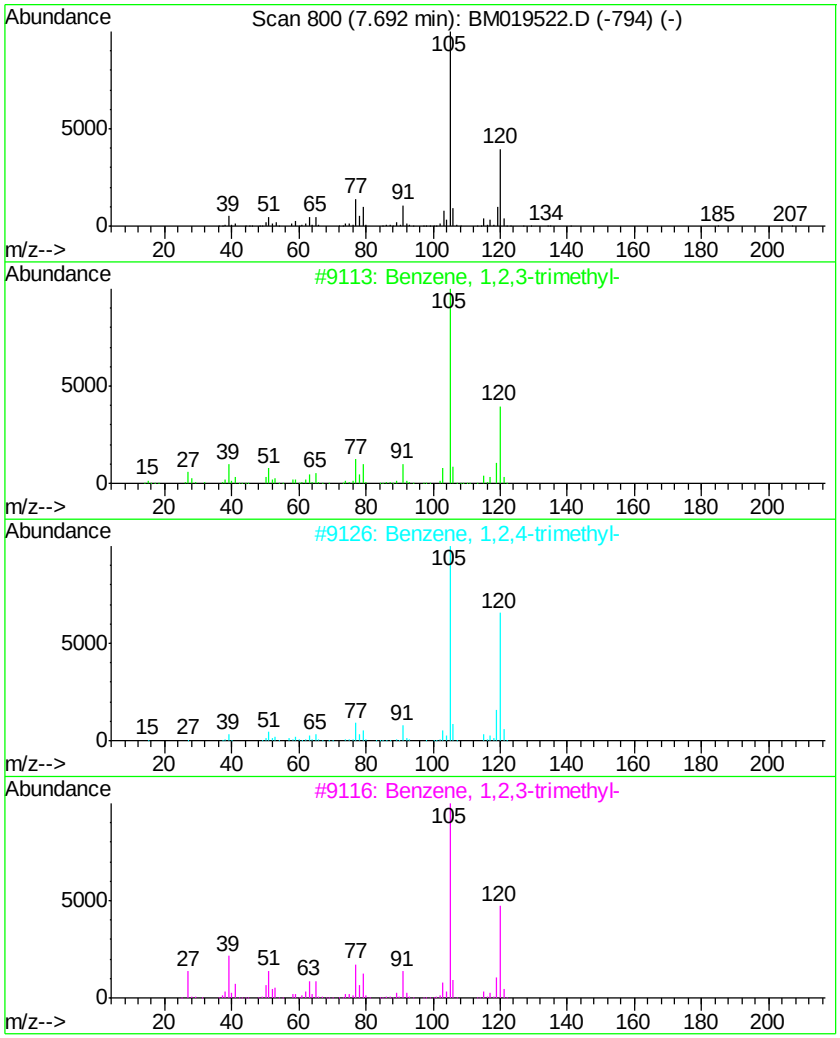
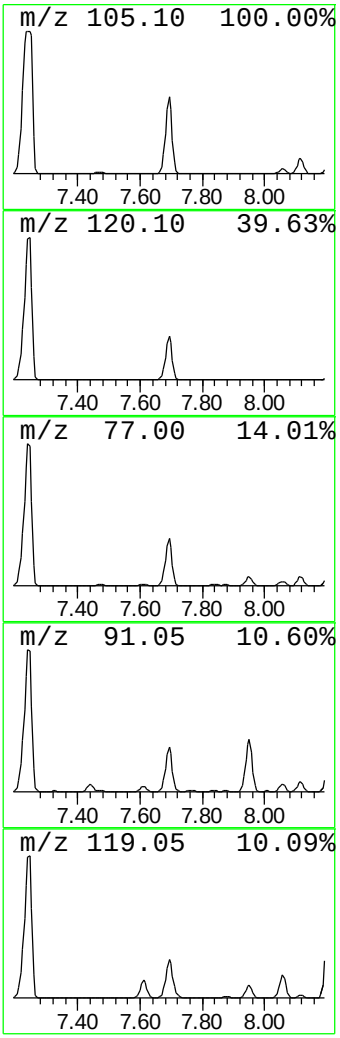
Peak Number 25 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	214.60 ng/ul	18639400	1,4-Dichlorobenzene-d4	7.59

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	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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Instrument : BNA_M
ClientSampleId : DB6R6

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Quant Title : SVOA CALIBRATION

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

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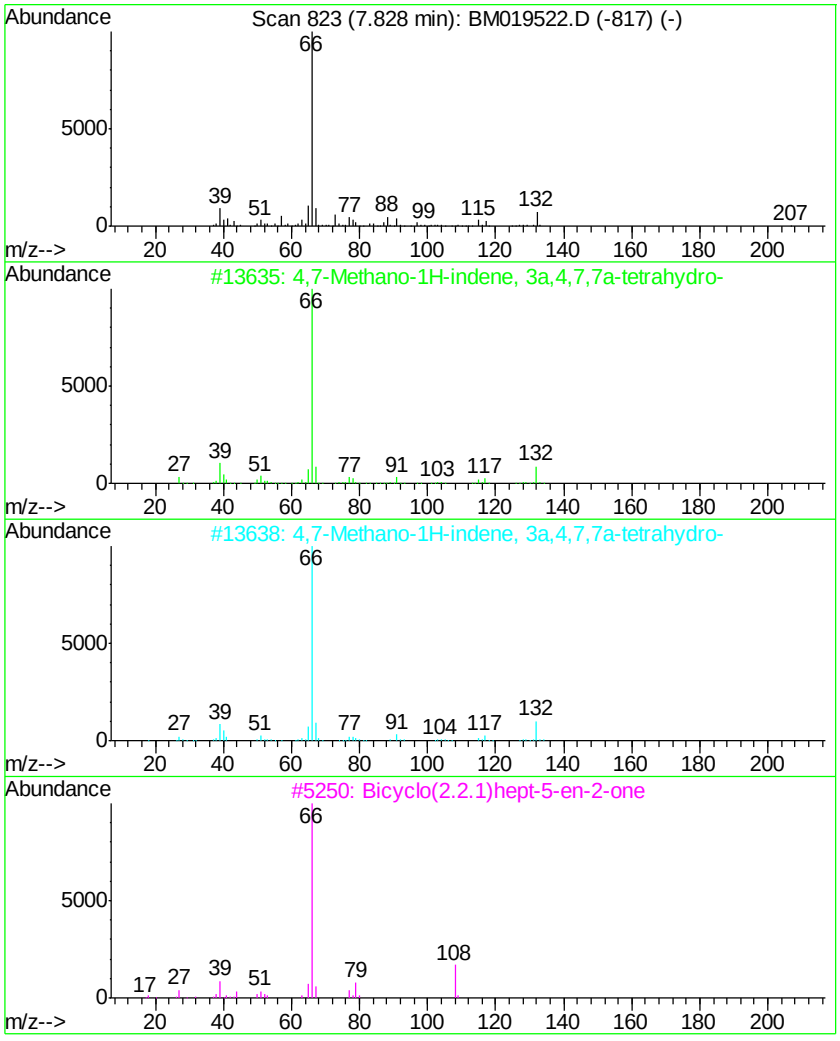
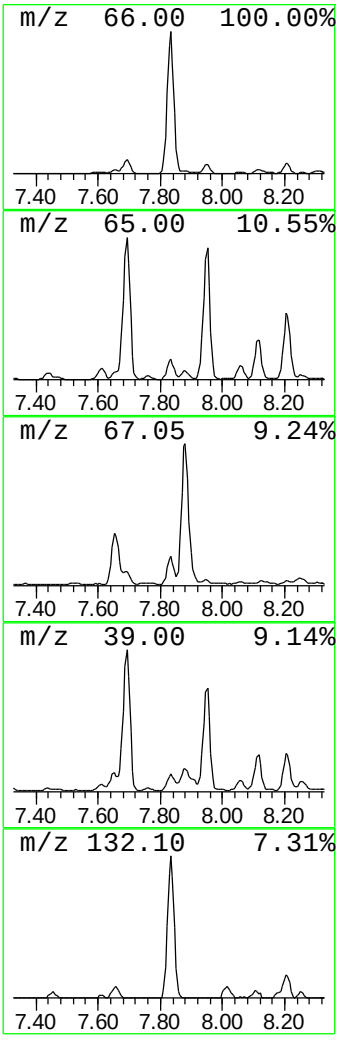
Peak Number 26 4,7-Methano-1H-indene, 3a,4... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	16.70 ng/ul	1450220	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	90
2	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	86
3	Bicyclo(2.2.1)hept-5-en-2-one	108	C7H8O	000694-98-4	86
4	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	000612-09-9	78
5	Bicyclo[2.2.1]hept-5-en-2-ol	110	C7H10O	013080-90-5	78





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Quant Title : SVOA CALIBRATION

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

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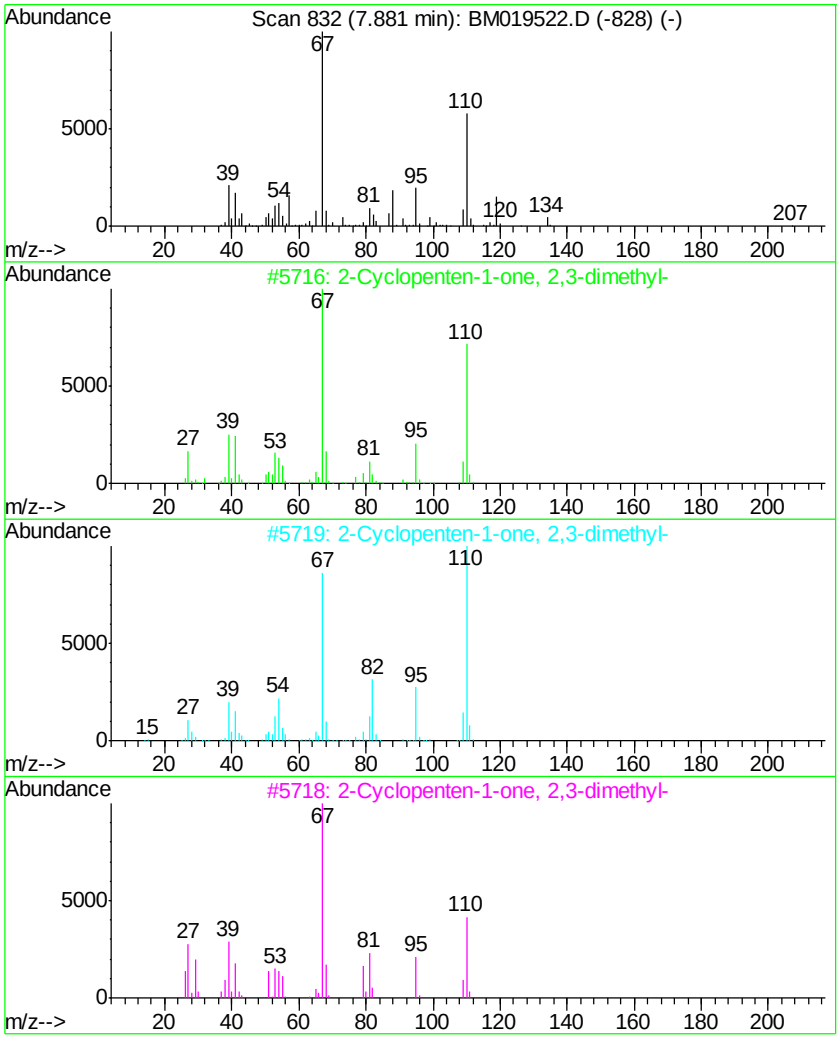
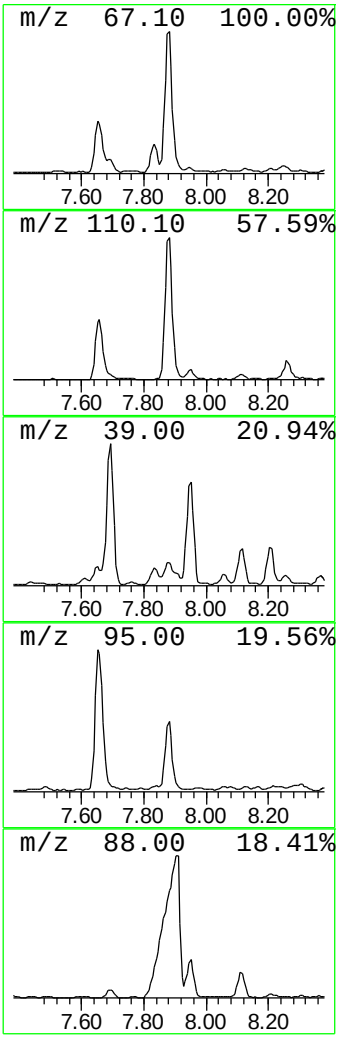
Peak Number 27 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	24.01 ng/ul	2085410	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	81
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	72
3	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	35
4	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	30
5	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	27





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Quant Title : SVOA CALIBRATION

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

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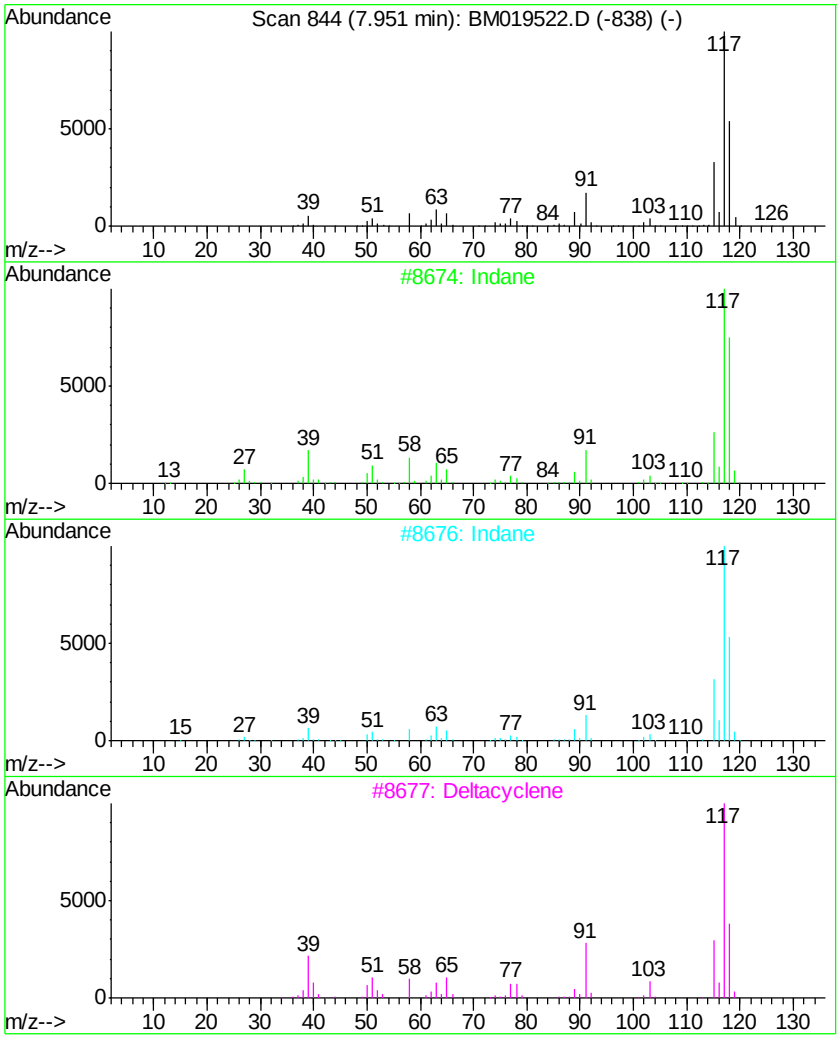
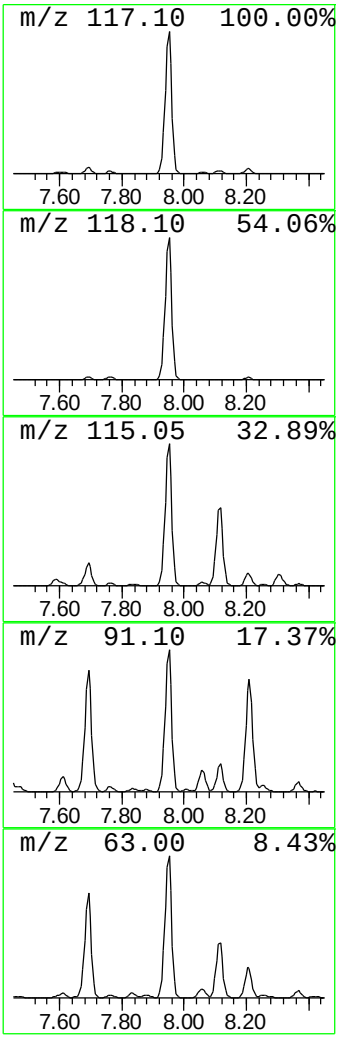
Peak Number 28 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	165.79 ng/ul	14399900	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	91
3	Deltacyclene	118	C9H10	007785-10-6	74
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





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Misc :
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Instrument : BNA_M
ClientSampleId : DB6R6

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Quant Title : SVOA CALIBRATION

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

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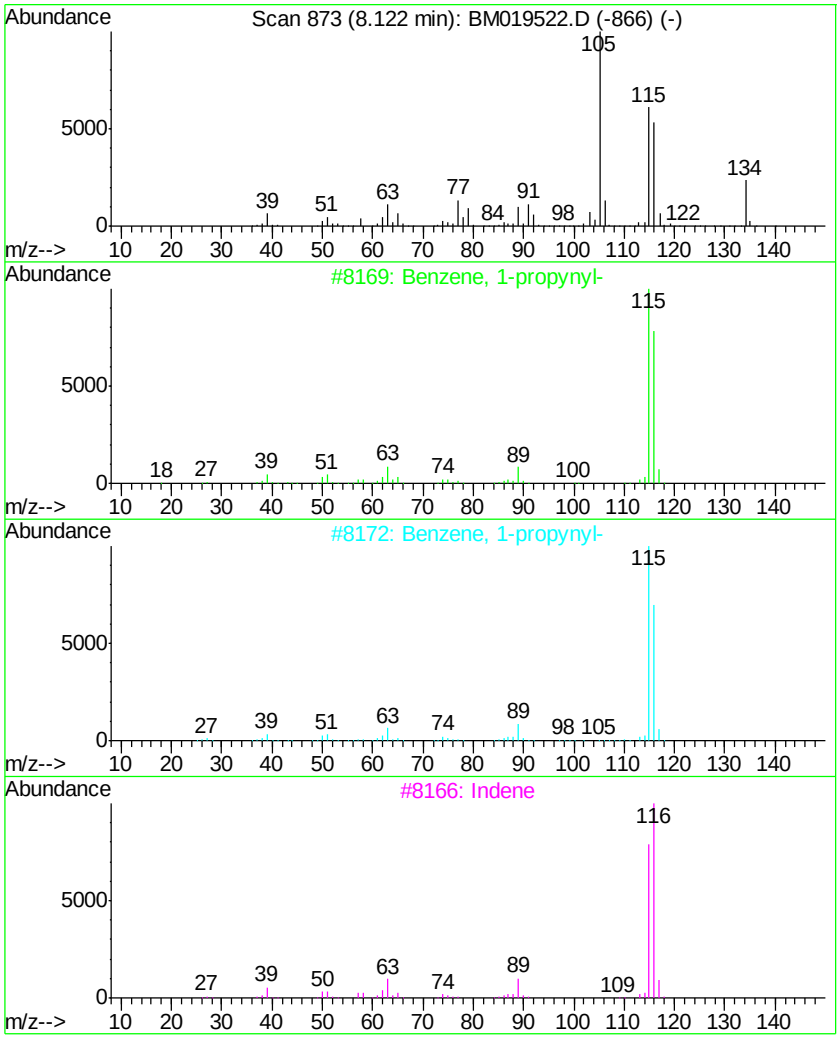
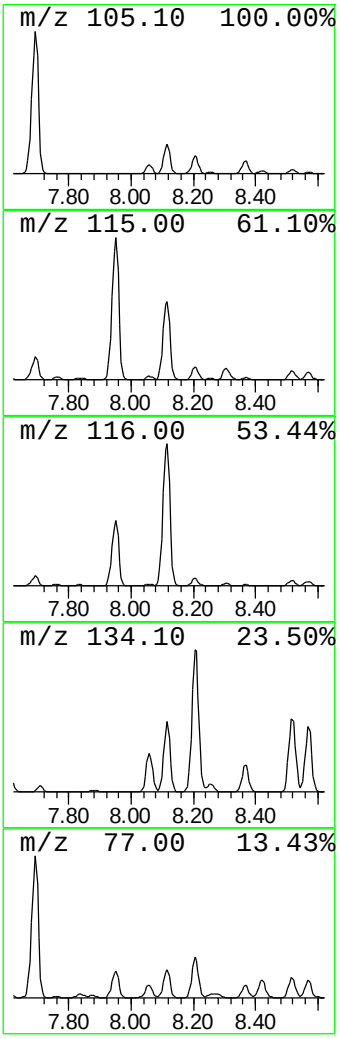
Peak Number 29 Benzene, 1-propynyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	66.60 ng/ul	5784150	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	60
3	Indene	116	C9H8	000095-13-6	60
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	60
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	46





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Sample : K2063-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R6

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Quant Title : SVOA CALIBRATION

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

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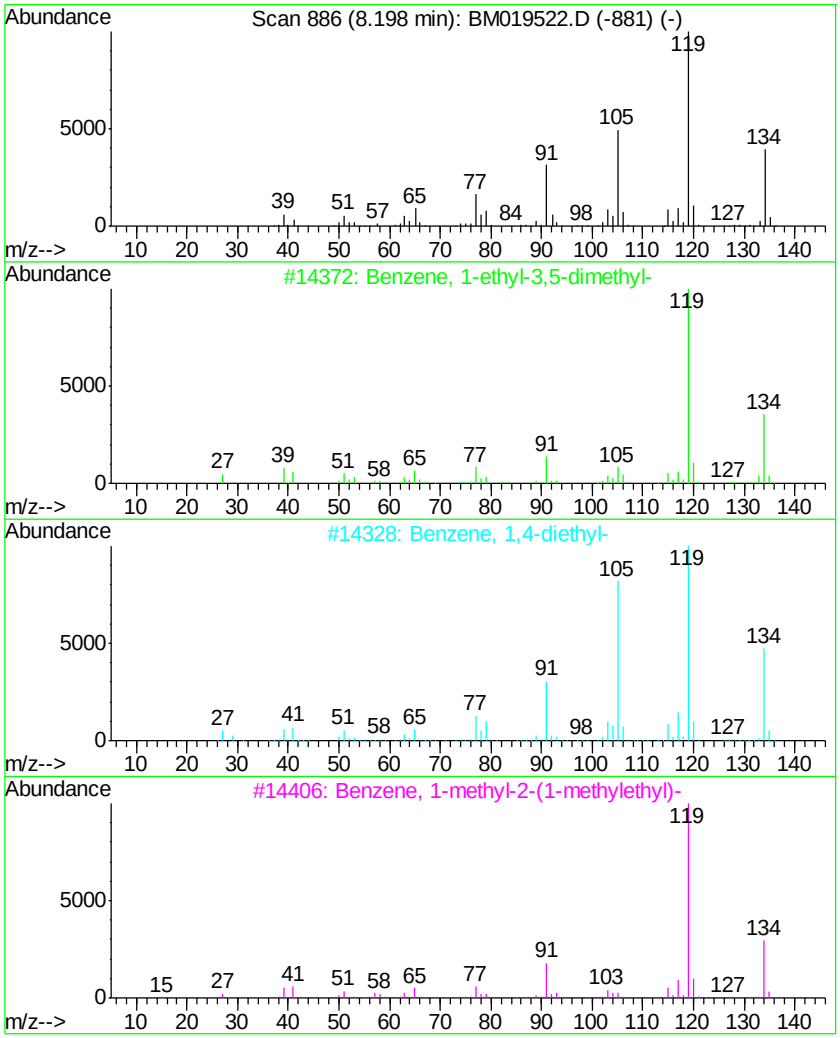
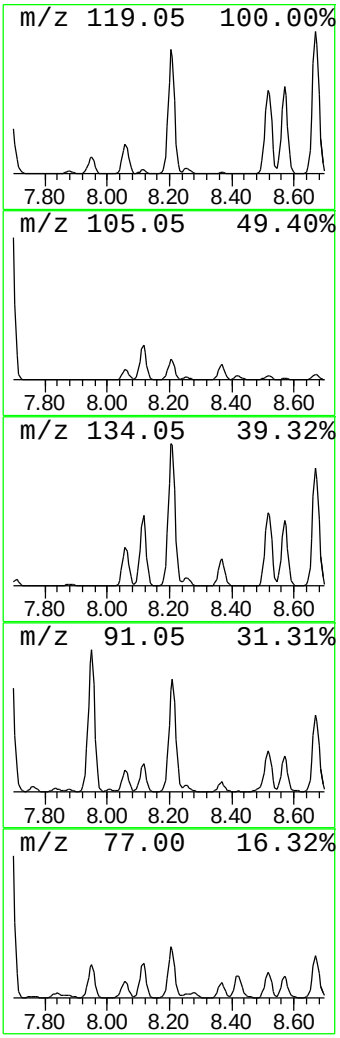
Peak Number 30 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	77.71 ng/ul	6749910	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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Quant Title : SVOA CALIBRATION

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

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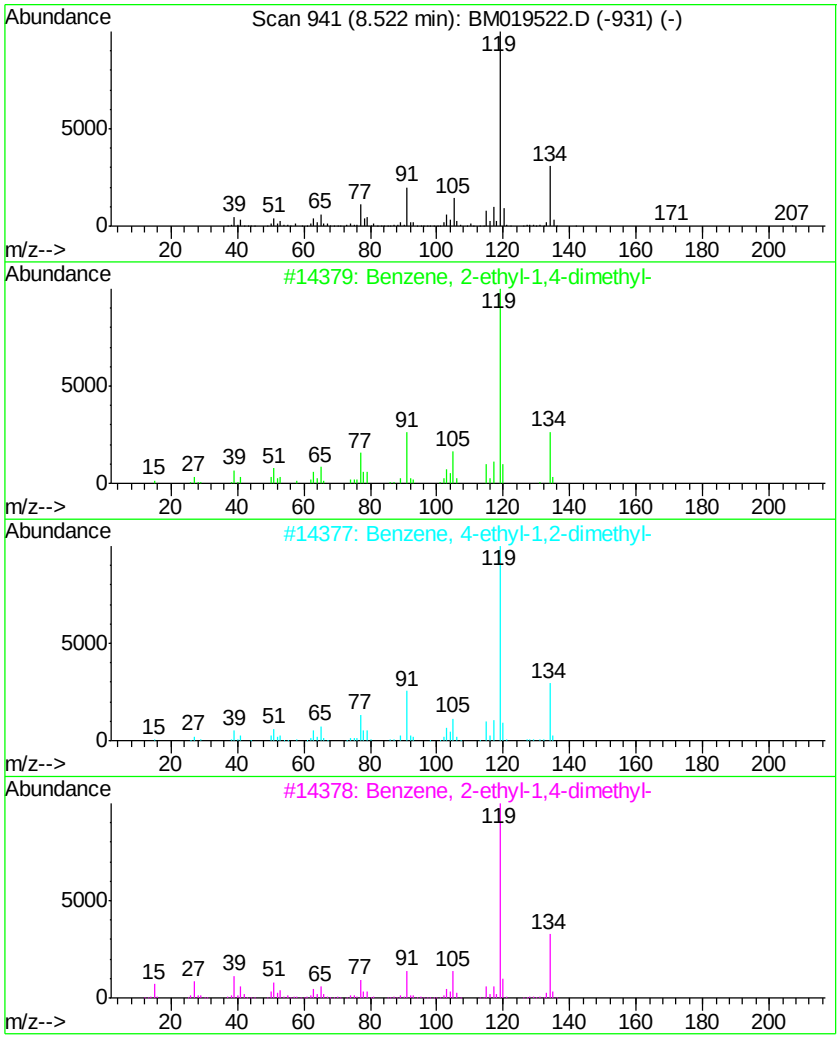
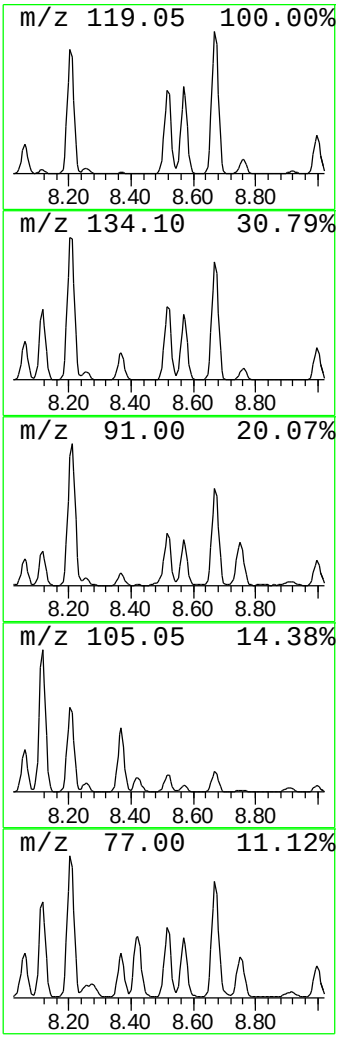
Peak Number 31 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	42.84 ng/ul	3721100	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





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Instrument : BNA_M
ClientSampleId : DB6R6

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Quant Title : SVOA CALIBRATION

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

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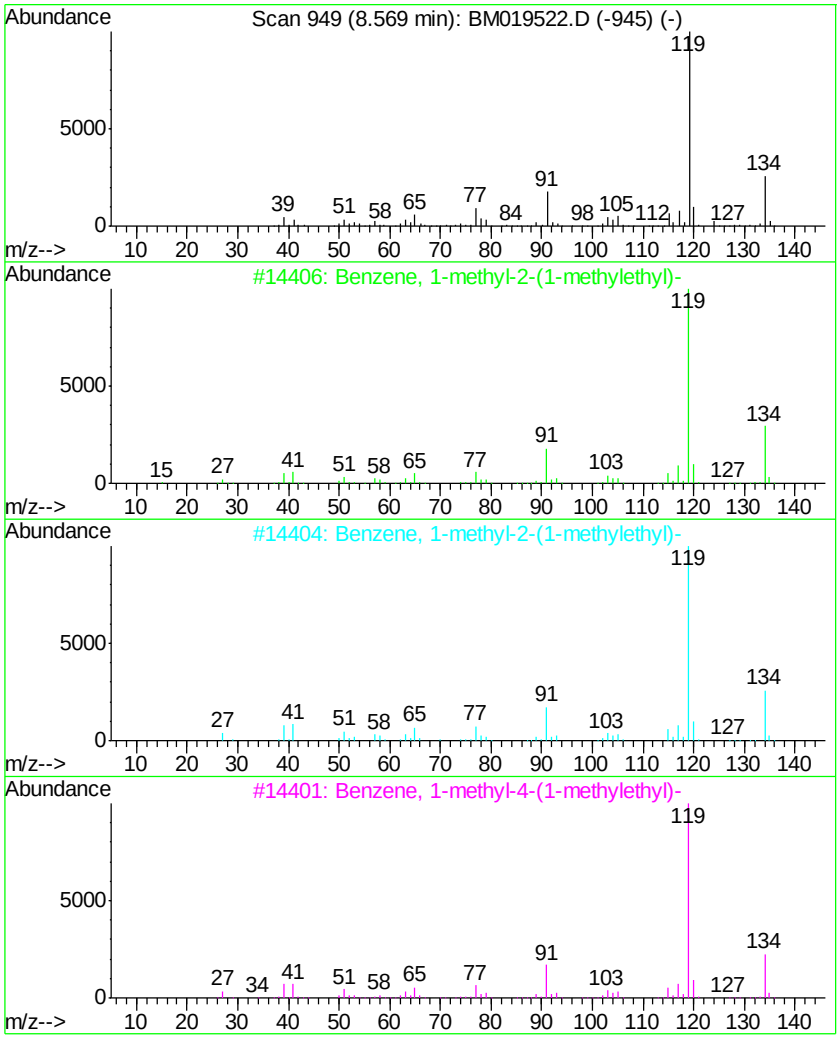
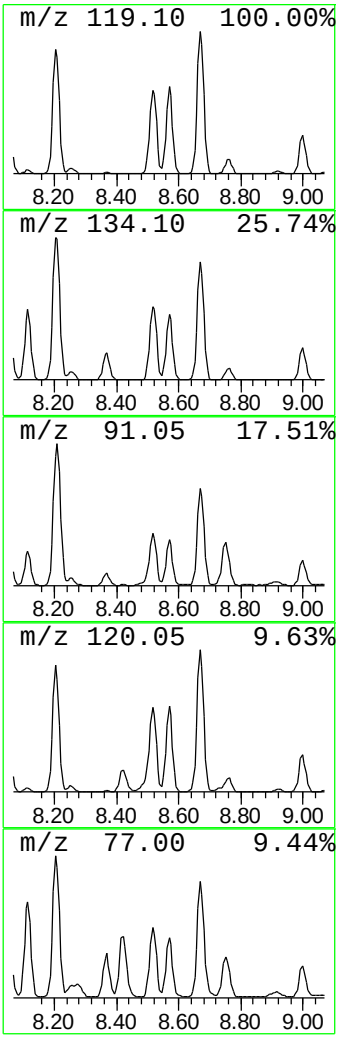
Peak Number 32 Benzene, 1-methyl-2-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	41.59 ng/ul	3612500	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97





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Quant Title : SVOA CALIBRATION

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

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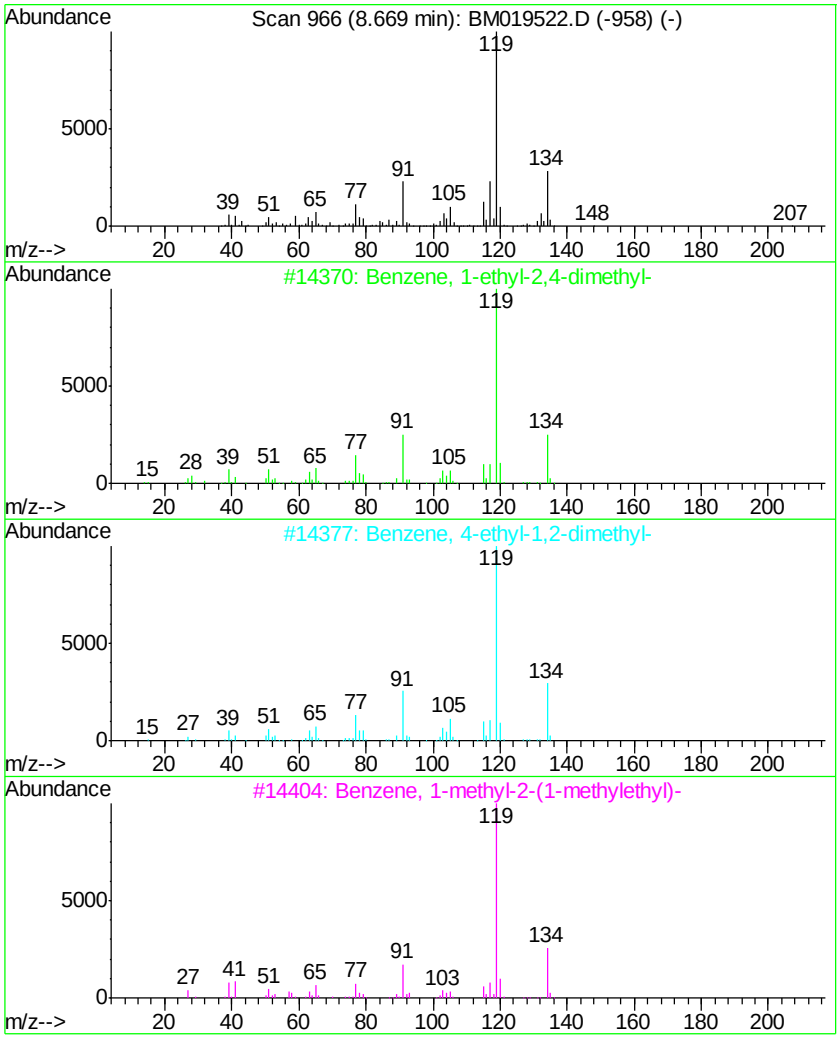
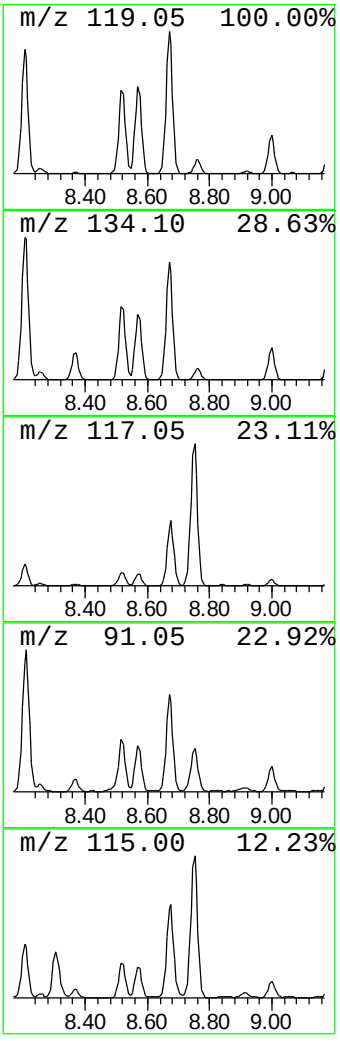
Peak Number 33 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	107.03 ng/ul	9295820	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019522.D
Acq On : 28 Mar 2019 01:40
Operator : JU/SJ
Sample : K2063-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R6

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

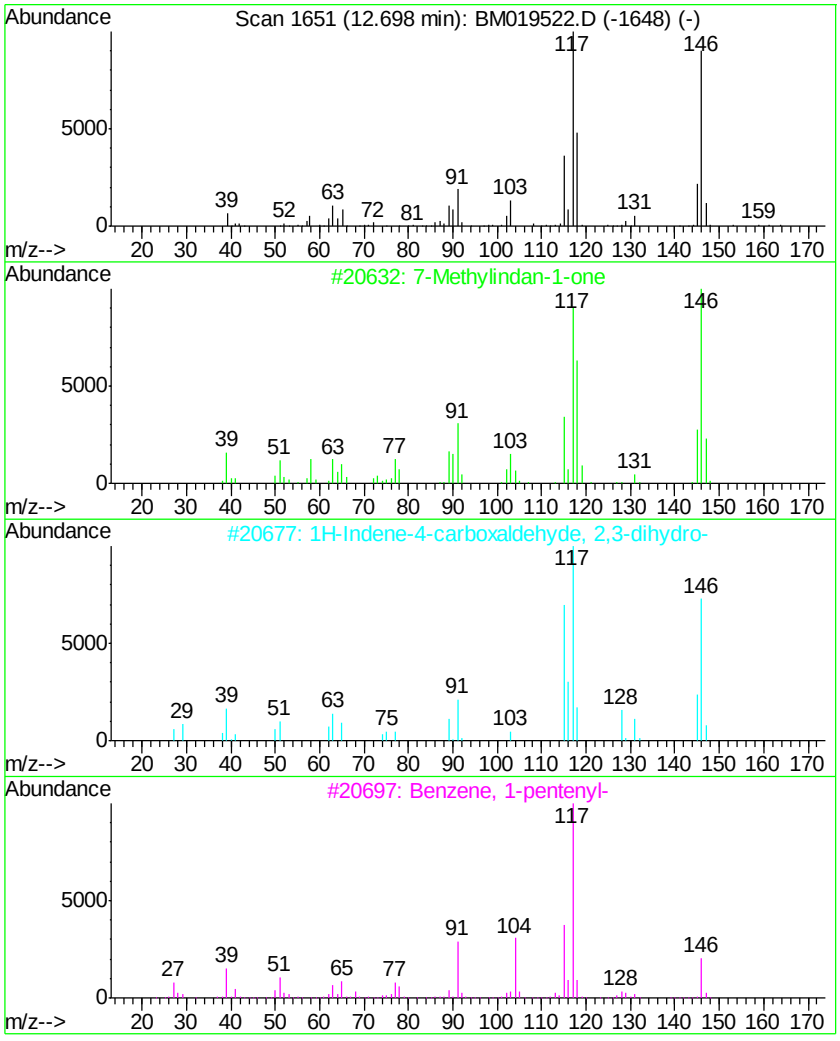
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

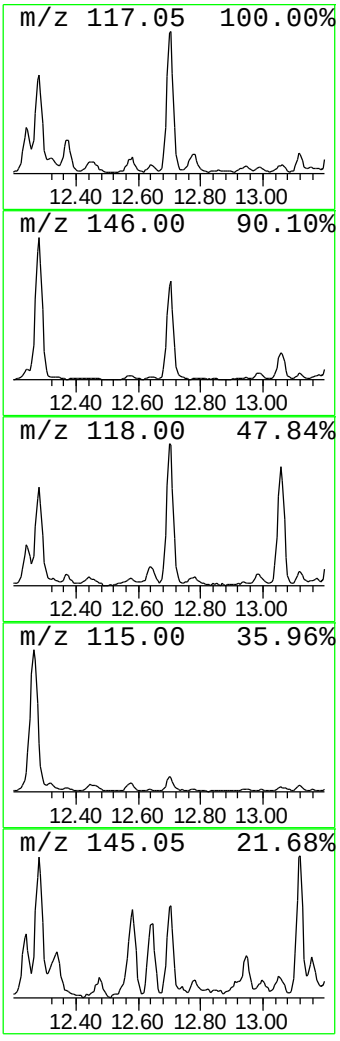
****

Peak Number 42 7-Methylindan-1-one Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	6.88 ng/ul	555998	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	72
2	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	59
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	59
4	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	59
5	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019522.D
Acq On : 28 Mar 2019 01:40
Operator : JU/SJ
Sample : K2063-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R6

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
3-Pentanol, 2,2-d...	3.38	21.8	ng/ul	1893160	1	7.59	1737100	20.0
3-Pentanol, 3-met...	3.63	21.3	ng/ul	1849110	1	7.59	1737100	20.0
Thiophene, 3-methyl-	3.99	10.5	ng/ul	913349	1	7.59	1737100	20.0
3-Hexanone, 2-met...	4.08	6.8	ng/ul	591767	1	7.59	1737100	20.0
Cyclopentanol, 1-...	4.12	30.3	ng/ul	2632340	1	7.59	1737100	20.0
2-Hexanol, 2-methyl-	4.60	11.9	ng/ul	1032530	1	7.59	1737100	20.0
3-Hexanol, 3-methyl-	4.77	14.3	ng/ul	1243550	1	7.59	1737100	20.0
1,3-Dimethylcyclo...	4.83	26.0	ng/ul	2256790	1	7.59	1737100	20.0
p-Xylene	5.12	583.9	ng/ul	50715700	1	7.59	1737100	20.0
unknown-01	5.19	5.1	ng/ul	442042	1	7.59	1737100	20.0
2-Pyrazoline, 1,3...	5.52	4.9	ng/ul	427795	1	7.59	1737100	20.0
1-Methylcyclohexanol	5.70	8.9	ng/ul	774289	1	7.59	1737100	20.0
unknown-02	5.73	10.9	ng/ul	946147	1	7.59	1737100	20.0
Benzene, (1-methy...	6.07	40.0	ng/ul	3477480	1	7.59	1737100	20.0
3-Heptanol, 3-met...	6.26	6.0	ng/ul	521171	1	7.59	1737100	20.0
Benzene, propyl-	6.56	91.0	ng/ul	7904400	1	7.59	1737100	20.0
Benzene, 1-ethyl-...	6.67	418.9	ng/ul	36385700	1	7.59	1737100	20.0
unknown-03	7.05	6.6	ng/ul	571530	1	7.59	1737100	20.0
unknown-04	7.65	11.1	ng/ul	964836	1	7.59	1737100	20.0
Benzene, 1,2,3-tr...	7.69	214.6	ng/ul	18639400	1	7.59	1737100	20.0
4,7-Methano-1H-in...	7.83	16.7	ng/ul	1450220	1	7.59	1737100	20.0
2-Cyclopenten-1-o...	7.88	24.0	ng/ul	2085410	1	7.59	1737100	20.0
Indane	7.95	165.8	ng/ul	14399900	1	7.59	1737100	20.0
Benzene, 1-propynyl-	8.12	66.6	ng/ul	5784150	1	7.59	1737100	20.0
Benzene, 1-ethyl-...	8.20	77.7	ng/ul	6749910	1	7.59	1737100	20.0
Benzene, 2-ethyl-...	8.52	42.8	ng/ul	3721100	1	7.59	1737100	20.0
Benzene, 1-methyl...	8.57	41.6	ng/ul	3612500	1	7.59	1737100	20.0
Benzene, 1-ethyl-...	8.67	107.0	ng/ul	9295820	1	7.59	1737100	20.0
7-Methylindan-1-one	12.70	6.9	ng/ul	555998	3	14.24	1615950	20.0