LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019518.D
Acq On : 27 Mar 2019 23:11
Operator : JU/SJ
Sample : K2063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R8

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	58	66	75	rVV	2603420	4596434	2.56%	0.497%
2	3.452	75	79	85	rVV2	279571	459355	0.26%	0.050%
3	3.628	102	109	121	rVB	1810365	3390968	1.89%	0.367%
4	3.846	137	146	164	rBV3	45167036	126972940	70.67%	13.732%
5	3.969	164	167	173	rVV2	961524	1561046	0.87%	0.169%
6	4.028	173	177	180	rVV	872922	1292726	0.72%	0.140%
7	4.057	180	182	188	rVV	398952	617022	0.34%	0.067%
8	4.122	188	193	209	rVB	664178	1371997	0.76%	0.148%
9	4.604	270	275	289	rVV	2289601	4346370	2.42%	0.470%
10	4.781	300	305	309	rVV	3224571	5142497	2.86%	0.556%
11	4.828	309	313	329	rVB	1869552	3646316	2.03%	0.394%
12	5.063	344	353	356	rBV	968311	1576047	0.88%	0.170%
13	5.128	356	364	376	rVV2	38895587	73193520	40.74%	7.916%
14	5.281	376	390	397	rVV5	49190768	179663906	100.00%	19.431%
15	5.404	404	411	417	rVB3	475759	878483	0.49%	0.095%
16	5.469	417	422	427	rBV2	395758	618150	0.34%	0.067%
17	5.540	427	434	438	rVB2	592303	960484	0.53%	0.104%
18	5.634	438	450	455	rBV3	47590843	111102005	61.84%	12.016%
19	5.698	455	461	464	rVV	1525156	2239613	1.25%	0.242%
20	5.734	464	467	472	rVV	844735	1080701	0.60%	0.117%
21	6.081	516	526	538	rBV2	3183319	6584472	3.66%	0.712%
22	6.181	538	543	551	rBV	700163	1222642	0.68%	0.132%
23	6.263	551	557	565	rVB	1717787	2783986	1.55%	0.301%
24	6.428	579	585	589	rBV4	501714	993565	0.55%	0.107%
25	6.563	603	608	616	rVB	5682060	8382877	4.67%	0.907%
26	6.681	616	628	632	rBV	24761686	38343611	21.34%	4.147%
27	6.734	632	637	644	rVV	10827334	15176363	8.45%	1.641%
28	6.810	644	650	656	rVV	12034354	17176660	9.56%	1.858%
29	6.969	662	677	690	rBV	10971677	18353436	10.22%	1.985%
30	7.075	692	695	699	rVV	324563	441174	0.25%	0.048%
31	7.128	699	704	709	rVV3	557696	1021628	0.57%	0.110%
32	7.175	709	712	715	rVV2	505019	759701	0.42%	0.082%
33	7.245	715	724	734	rVV2	38029723	69036148	38.43%	7.466%
34	7.610	777	786	791	rBV3	829719	2014588	1.12%	0.218%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019518.D
Acq On : 27 Mar 2019 23:11
Operator : JU/SJ
Sample : K2063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R8

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	7.692	793	800	806	rVV	14242504	22097230	12.30%	2.390%
36	7.763	806	812	817	rVB2	407381	740110	0.41%	0.080%
37	7.840	818	825	828	rBV2	1403388	2374427	1.32%	0.257%
38	7.875	828	831	837	rVV	1039061	1688378	0.94%	0.183%
39	7.951	837	844	850	rVV	13275423	20985808	11.68%	2.270%
40	8.057	858	862	866	rVV	1126163	1663982	0.93%	0.180%
41	8.116	866	872	880	rVB	5873384	8941064	4.98%	0.967%
42	8.204	881	887	892	rBV	3611056	5758762	3.21%	0.623%
43	8.251	892	895	901	rVV7	512330	991882	0.55%	0.107%
44	8.304	901	904	910	rVB	382053	587247	0.33%	0.064%
45	8.369	910	915	920	rBV	807007	1199921	0.67%	0.130%
46	8.516	931	940	945	rBV	2035236	3803785	2.12%	0.411%
47	8.569	945	949	957	rVV	1945223	3173522	1.77%	0.343%
48	8.669	957	966	974	rVV	4261829	7580968	4.22%	0.820%
49	8.751	974	980	986	rVV2	3062399	5116411	2.85%	0.553%
50	8.916	1005	1008	1016	rVB3	224718	471703	0.26%	0.051%
51	8.998	1016	1022	1031	rBV	996552	1903190	1.06%	0.206%
52	9.186	1045	1054	1060	rBV	1711814	2730998	1.52%	0.295%
53	9.251	1060	1065	1073	rVB	2596949	3918255	2.18%	0.424%
54	9.357	1078	1083	1087	rVB2	339310	473892	0.26%	0.051%
55	9.422	1087	1094	1098	rBV5	323920	759931	0.42%	0.082%
56	9.469	1098	1102	1111	rVB2	657294	1385738	0.77%	0.150%
57	9.563	1112	1118	1121	rBV3	274827	549965	0.31%	0.059%
58	9.610	1121	1126	1133	rVB	2705478	4192394	2.33%	0.453%
59	9.763	1139	1152	1166	rBV2	4995484	10183618	5.67%	1.101%
60	9.881	1166	1172	1180	rBV4	363931	996814	0.55%	0.108%
61	9.998	1187	1192	1198	rVB2	999103	1746690	0.97%	0.189%
62	10.081	1198	1206	1212	rVB3	422411	1066573	0.59%	0.115%
63	10.186	1220	1224	1229	rVB2	313559	459828	0.26%	0.050%
64	10.316	1241	1246	1248	rBV2	534077	766212	0.43%	0.083%
65	10.345	1248	1251	1254	rVV	363854	533059	0.30%	0.058%
66	10.433	1258	1266	1271	rVB	21424393	38141687	21.23%	4.125%
67	10.545	1278	1285	1295	rVB	1311202	2343397	1.30%	0.253%
68	10.892	1338	1344	1354	rBV2	709273	1468069	0.82%	0.159%
69	11.010	1354	1364	1369	rVB2	335976	840187	0.47%	0.091%
70	11.216	1388	1399	1403	rBV2	430093	1212612	0.67%	0.131%
71	11.269	1403	1408	1414	rVB2	505977	814423	0.45%	0.088%

LSC Area Percent Report

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Data File : BM019518.D
Acq On : 27 Mar 2019 23:11
Operator : JU/SJ
Sample : K2063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R8

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	11.745	1483	1489	1491	rBV3	451006	706603	0.39%	0.076%
73	11.780	1491	1495	1504	rVB2	787922	1402481	0.78%	0.152%
74	12.045	1531	1540	1549	rVV	5680373	9034273	5.03%	0.977%
75	12.263	1564	1577	1583	rVV2	2895884	6547379	3.64%	0.708%
76	12.316	1583	1586	1593	rVV4	191800	467250	0.26%	0.051%
77	12.427	1593	1605	1616	rVB3	444556	1482324	0.83%	0.160%
78	13.016	1699	1705	1710	rVV3	256008	445177	0.25%	0.048%
79	13.116	1718	1722	1734	rVB4	247402	510299	0.28%	0.055%
80	13.392	1762	1769	1771	rBV4	297467	529807	0.29%	0.057%
81	13.421	1771	1774	1779	rVV2	367799	641684	0.36%	0.069%
82	13.557	1789	1797	1802	rVV2	256933	533329	0.30%	0.058%
83	13.669	1811	1816	1822	rVB	1232447	1682954	0.94%	0.182%
84	13.939	1856	1862	1870	rVV	1415617	2159323	1.20%	0.234%
85	14.039	1870	1879	1892	rVB	989829	1509370	0.84%	0.163%
86	14.245	1905	1914	1922	rBV2	804655	1373548	0.76%	0.149%
87	14.504	1954	1958	1967	rVB2	356036	607413	0.34%	0.066%
88	15.245	2079	2084	2087	rVV	1754469	2498997	1.39%	0.270%
89	15.280	2087	2090	2099	rVB	927992	1292180	0.72%	0.140%
90	15.392	2104	2109	2119	rVB	684073	1030898	0.57%	0.111%
91	16.004	2207	2213	2218	rVV2	434188	706420	0.39%	0.076%
92	16.227	2243	2251	2259	rBV2	175392	454068	0.25%	0.049%
93	16.574	2301	2310	2315	rBV	746975	1085854	0.60%	0.117%
94	17.004	2377	2383	2388	rBV2	953724	1425115	0.79%	0.154%
95	17.104	2395	2400	2410	rVB2	2041960	3013494	1.68%	0.326%
96	19.409	2787	2792	2800	rBV	2347713	3157417	1.76%	0.341%
97	20.921	3045	3049	3058	rBV	769532	1056965	0.59%	0.114%
98	21.209	3093	3098	3105	rBV2	1474883	1860075	1.04%	0.201%
99	23.280	3443	3450	3460	rVB2	2436574	4416714	2.46%	0.478%
100	23.421	3468	3474	3487	rVB	1205443	2341008	1.30%	0.253%

Sum of corrected areas: 924636582

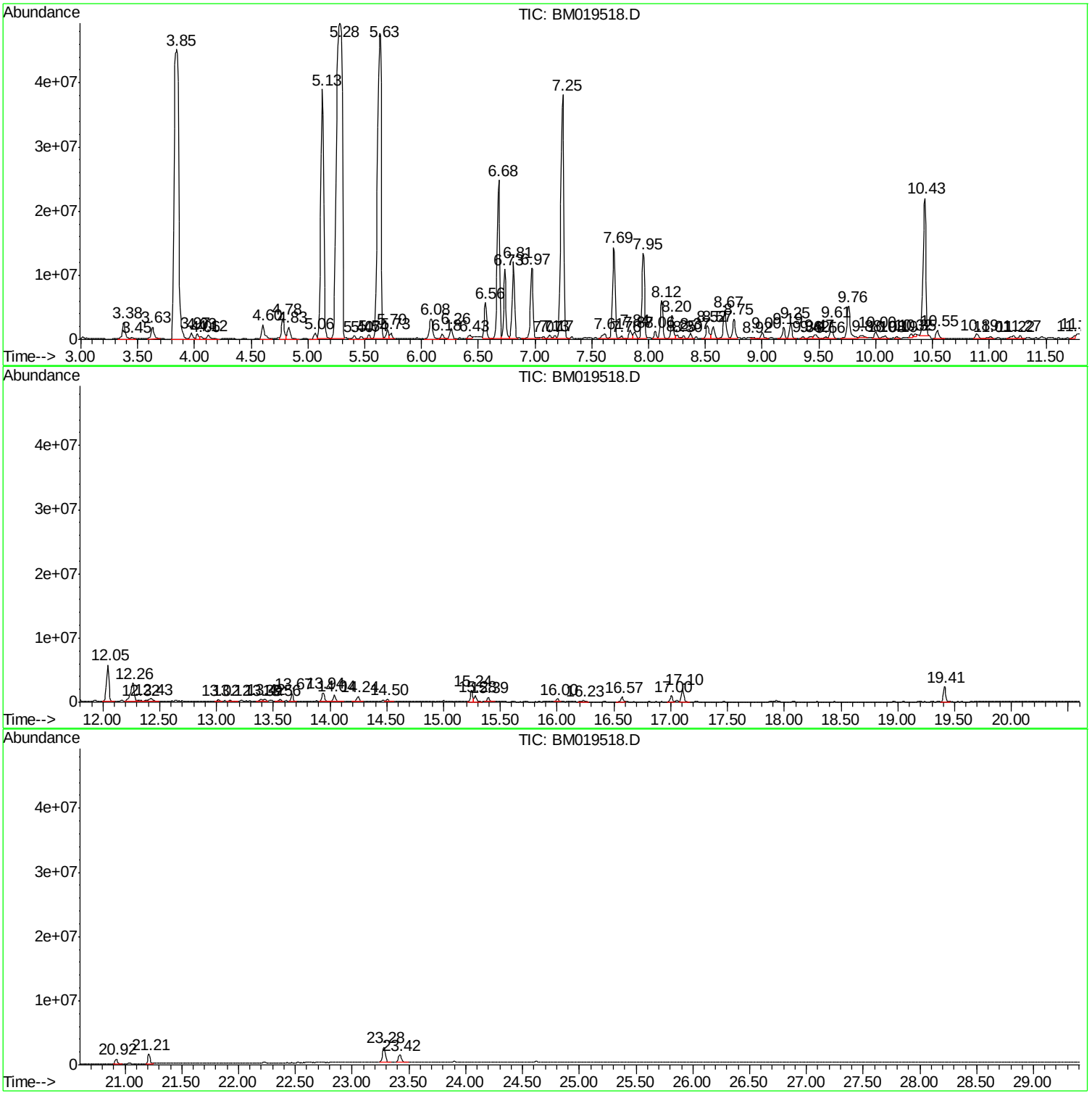
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019518.D
Acq On : 27 Mar 2019 23:11
Operator : JU/SJ
Sample : K2063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB6R8

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 : BM019518.D
Acq On : 27 Mar 2019 23:11
Operator : JU/SJ
Sample : K2063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R8

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

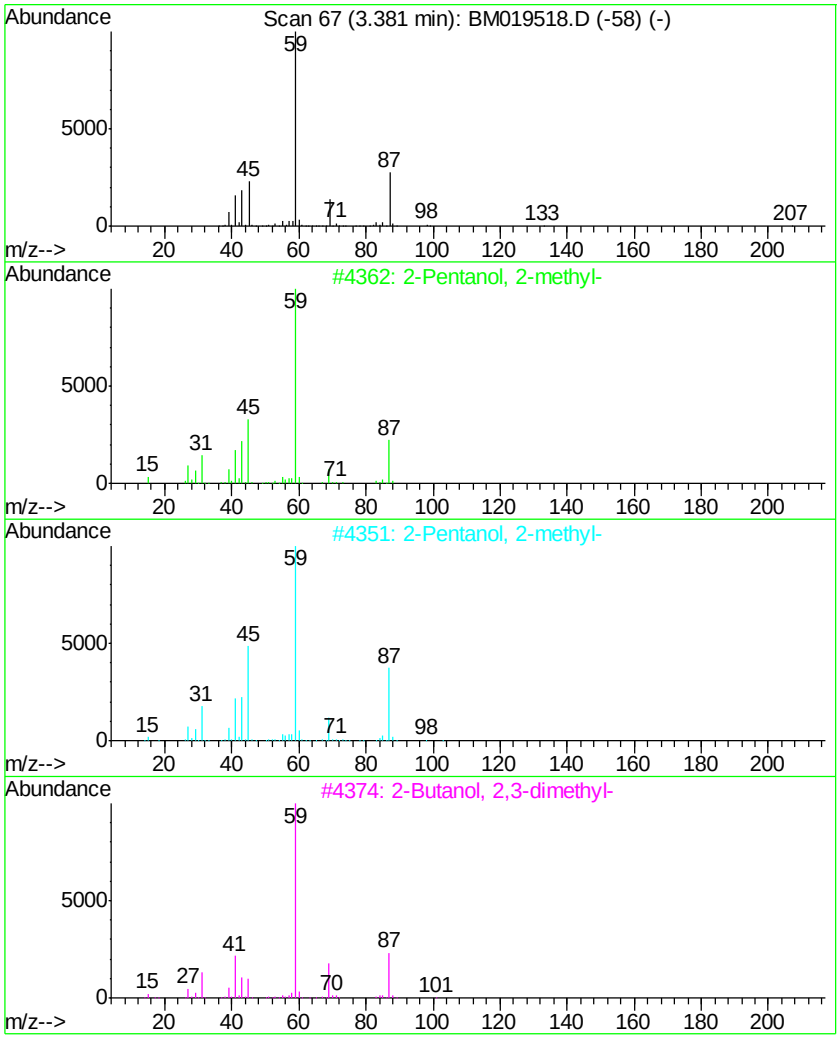
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

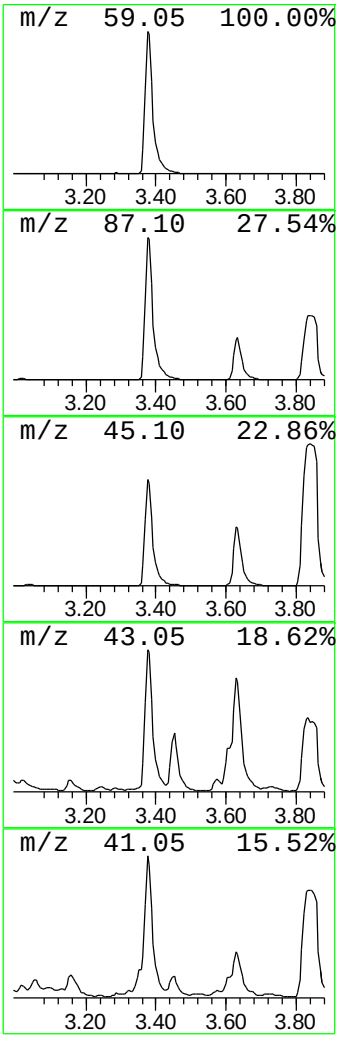
****

Peak Number 1 2-Pentanol, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	45.63 ng/ul	4596430	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	74
2	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	64
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	59
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	56
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019518.D
Acq On : 27 Mar 2019 23:11
Operator : JU/SJ
Sample : K2063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R8

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

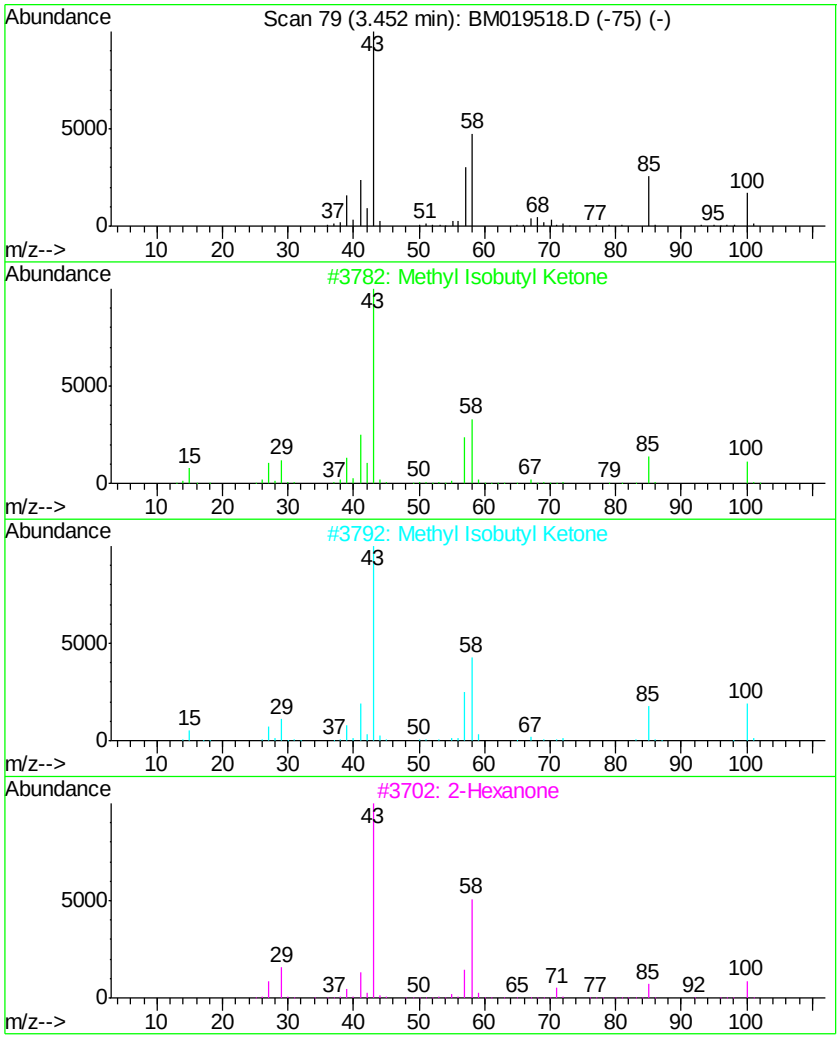
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

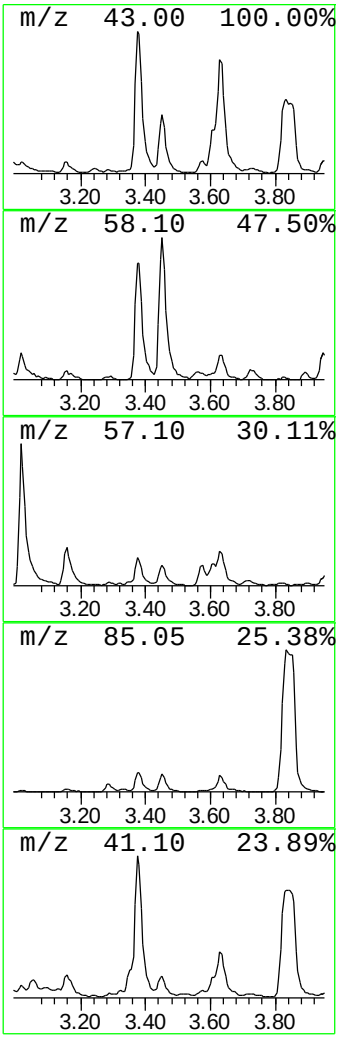
****

Peak Number 2 Methyl Isobutyl Ketone Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	4.56 ng/ul	459355	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	86
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72
3	2-Hexanone	100	C6H12O	000591-78-6	72
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	64
5	2,4-Pentanedione	100	C5H8O2	000123-54-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019518.D
Acq On : 27 Mar 2019 23:11
Operator : JU/SJ
Sample : K2063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R8

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

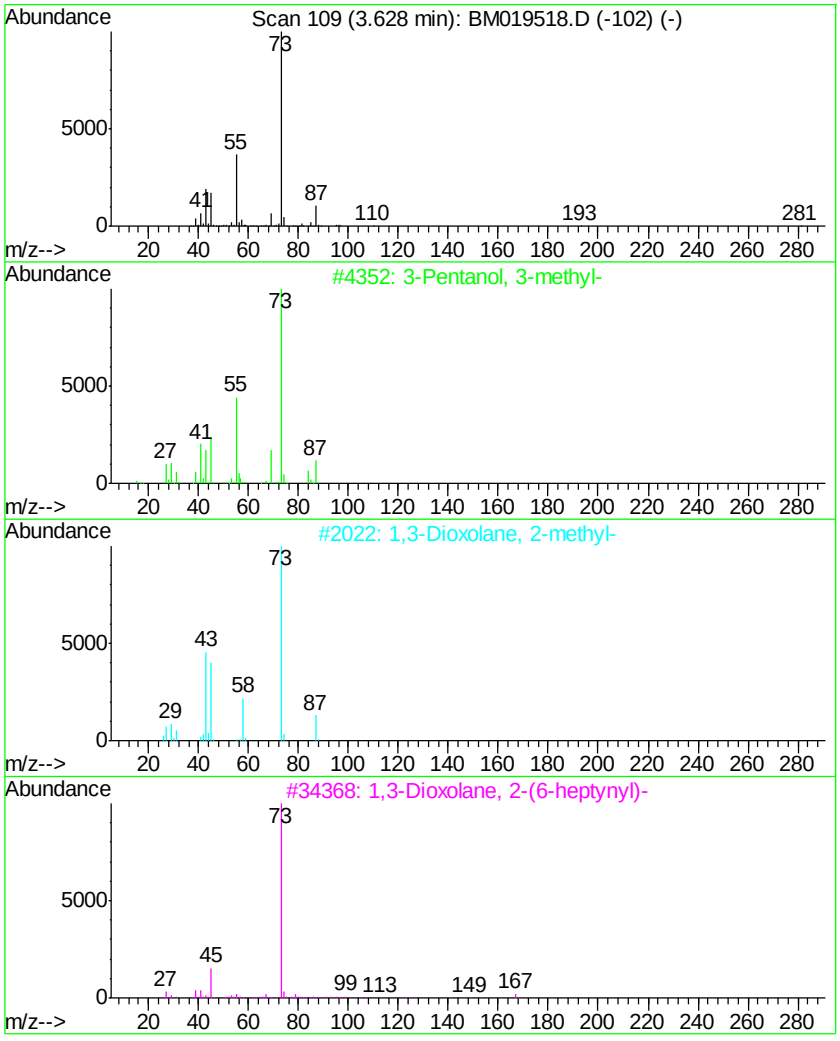
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

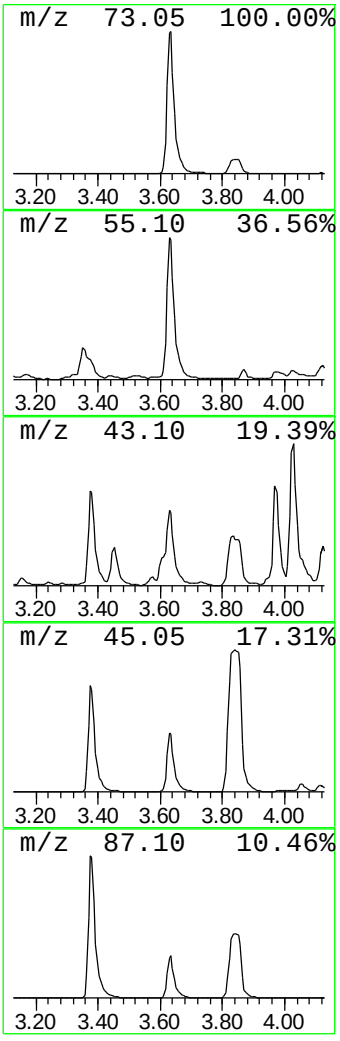
****

Peak Number 3 3-Pentanol, 3-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	33.66 ng/ul	3390970	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-methyl-	88	C4H8O2	000497-26-7	38
3	1,3-Dioxolane, 2-(6-heptynyl)-	168	C10H16O2	025595-82-8	37
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	36
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019518.D
Acq On : 27 Mar 2019 23:11
Operator : JU/SJ
Sample : K2063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R8

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

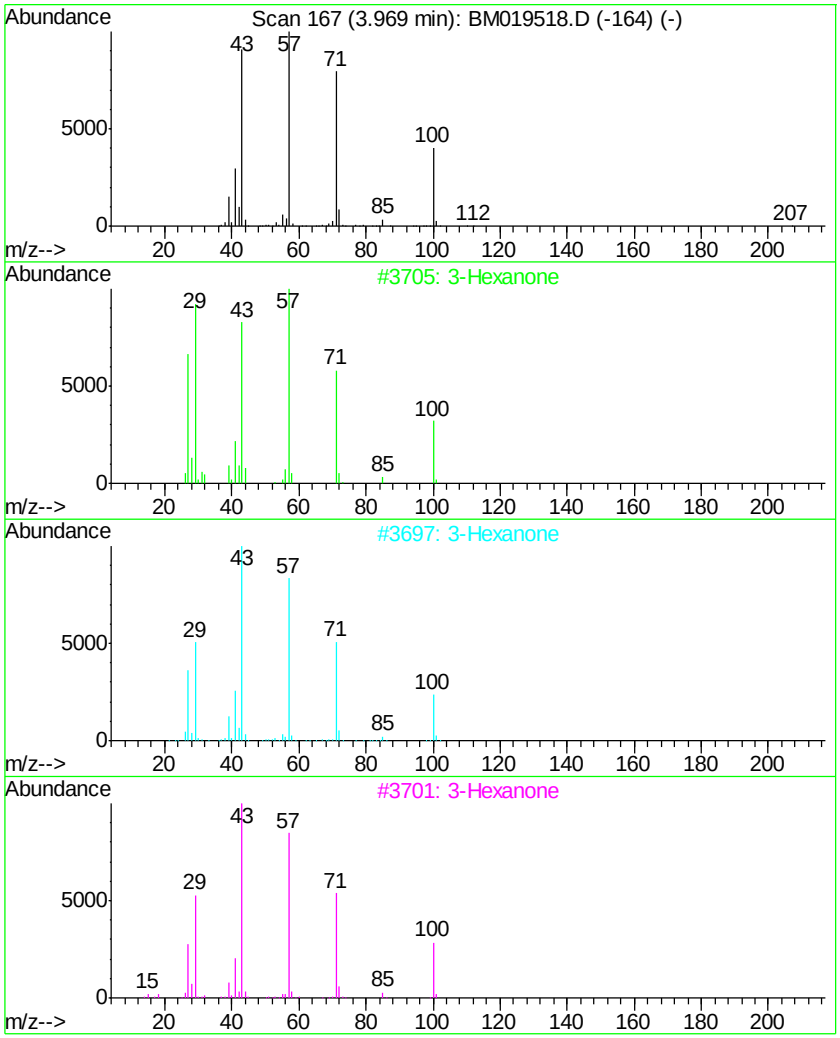
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

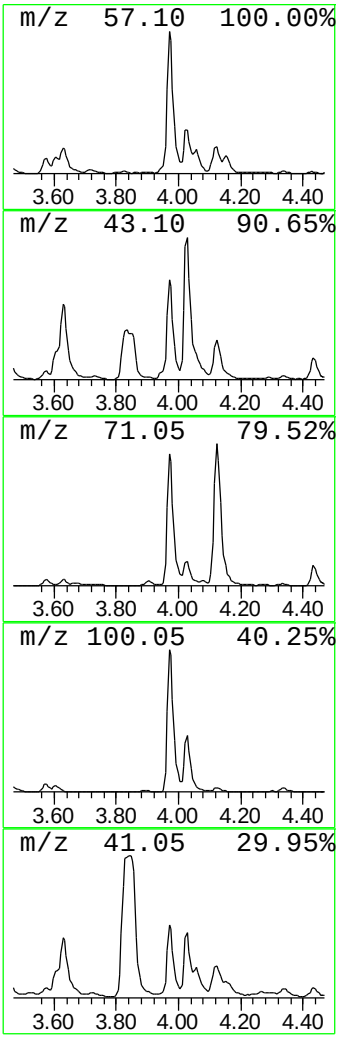
****

Peak Number 5 3-Hexanone Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.97	15.50 ng/ul	1561050	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	90
2	3-Hexanone	100	C6H12O	000589-38-8	80
3	3-Hexanone	100	C6H12O	000589-38-8	80
4	3-Hexanone	100	C6H12O	000589-38-8	80
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019518.D
Acq On : 27 Mar 2019 23:11
Operator : JU/SJ
Sample : K2063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R8

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

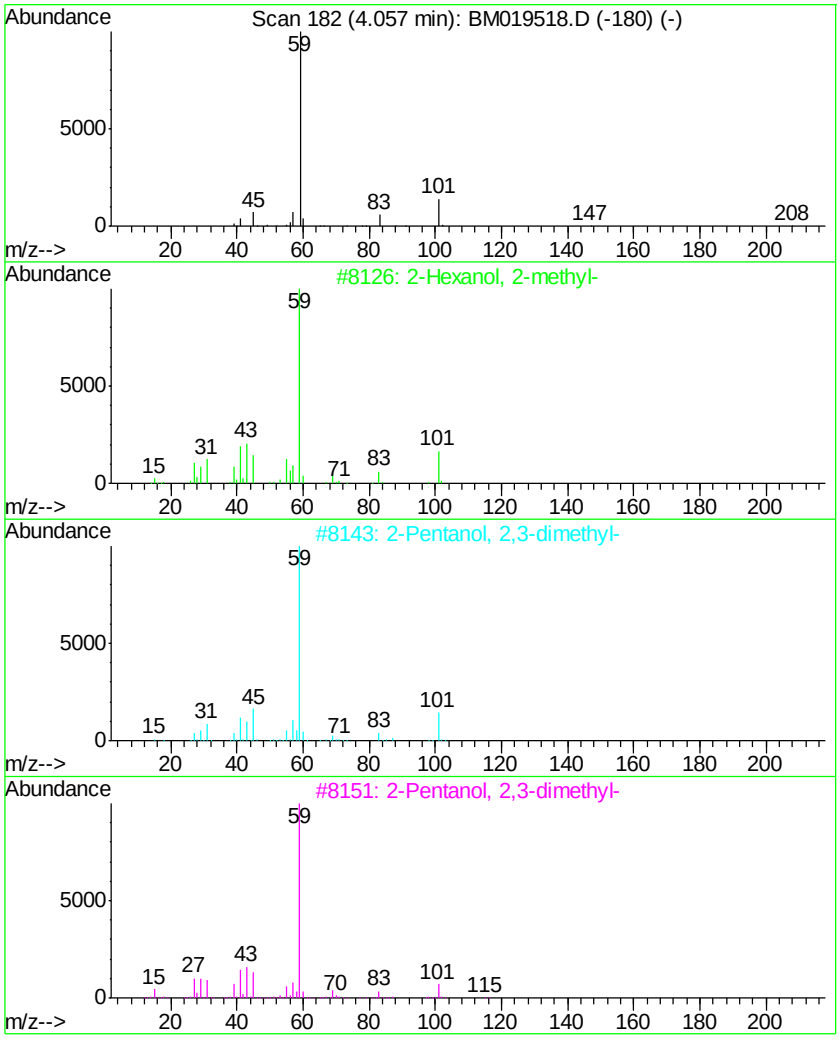
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

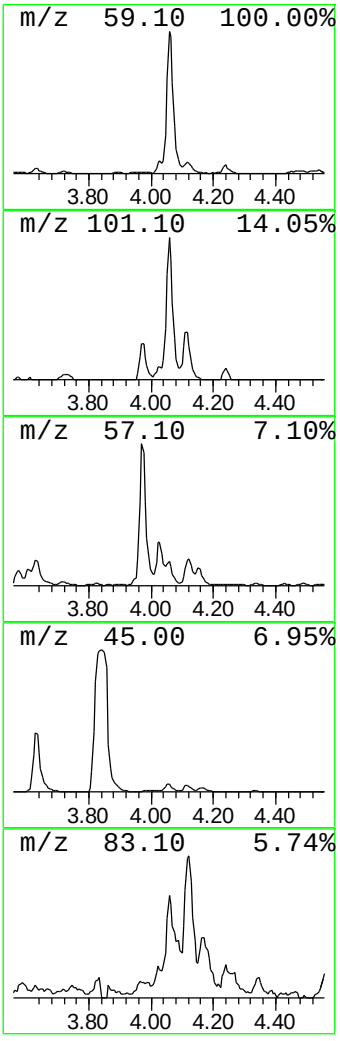
****

Peak Number 7 2-Hexanol, 2-methyl- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	6.13 ng/ul	617022	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	64
2	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	64
3	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	43
4	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9





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Operator : JU/SJ
Sample : K2063-08
Misc :
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Instrument : BNA_M
ClientSampleId : DB6R8

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Quant Title : SVOA CALIBRATION

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

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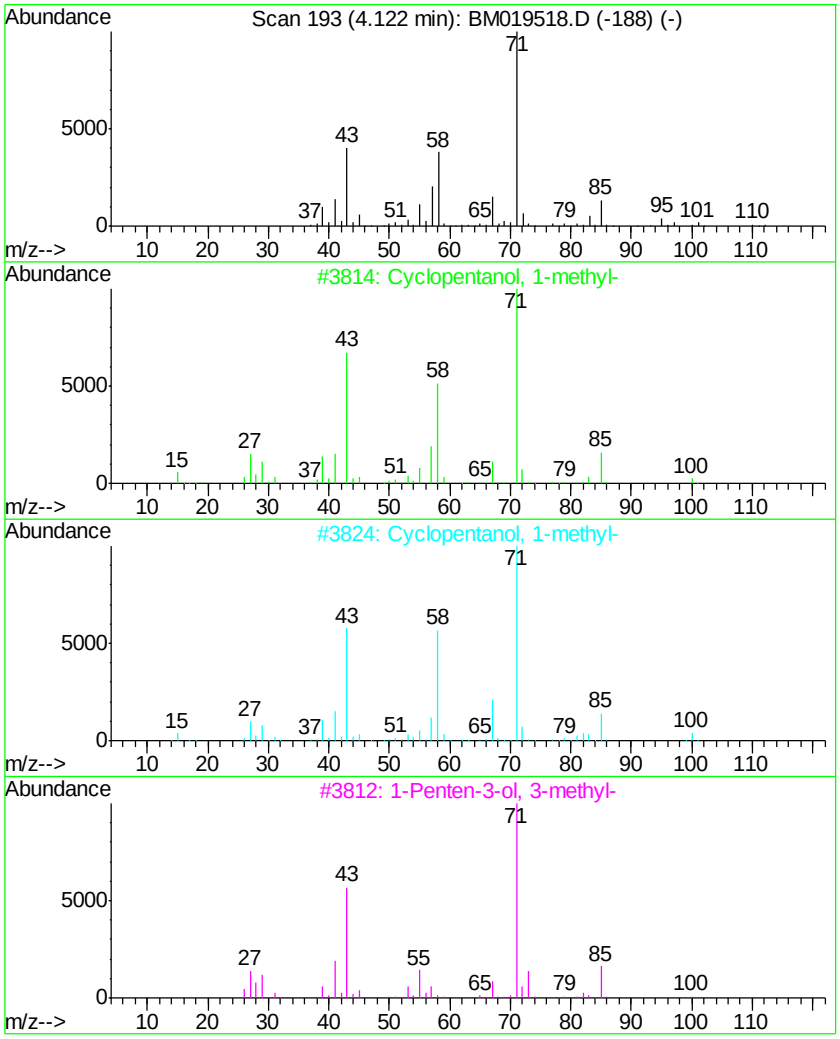
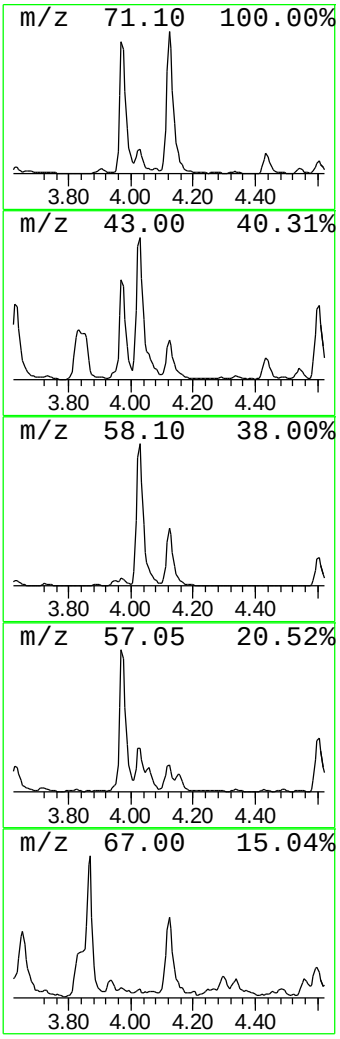
Peak Number 8 Cyclopentanol, 1-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	13.62 ng/ul	1372000	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	78
2	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	64
3	1-Penten-3-ol, 3-methyl-	100	C6H12O	000918-85-4	53
4	Butane, 2-iodo-3-methyl-	198	C5H11I	018295-27-7	47
5	Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	47





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Instrument : BNA_M
ClientSampleId : DB6R8

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Quant Title : SVOA CALIBRATION

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

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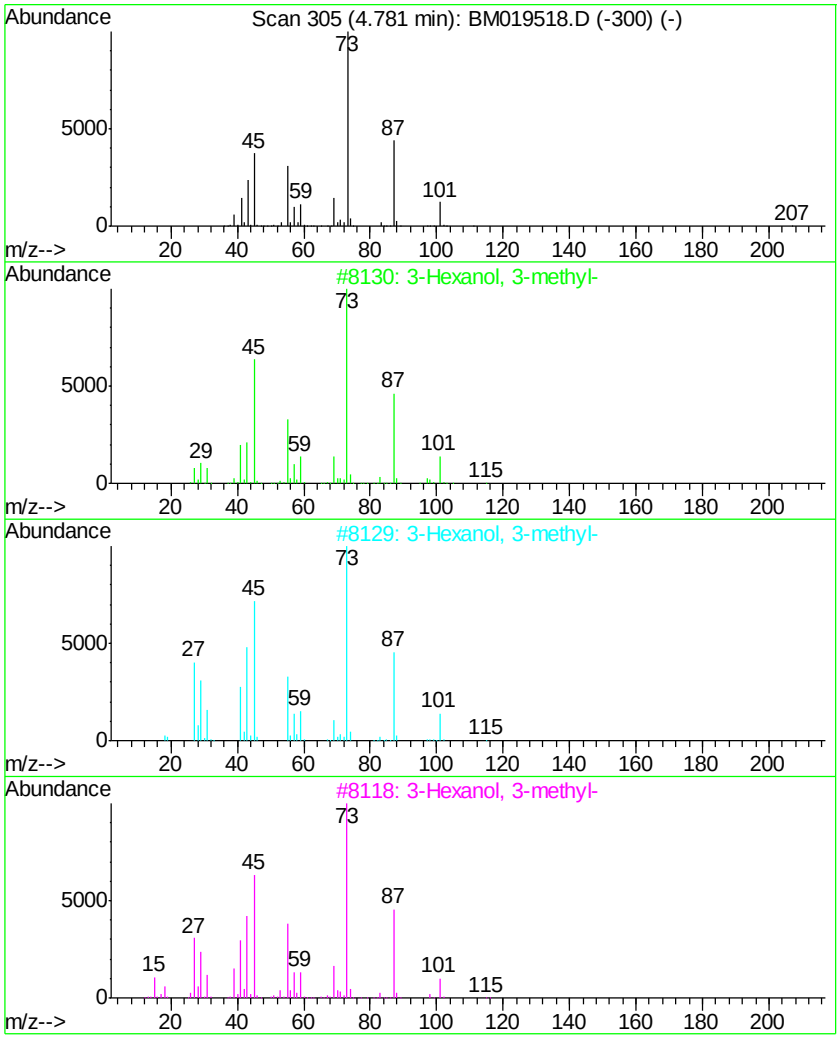
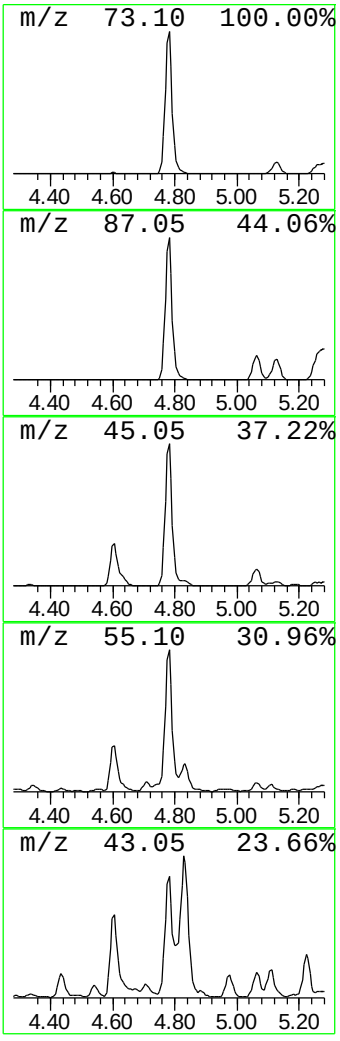
Peak Number 10 3-Hexanol, 3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	51.05 ng/ul	5142500	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	90
2	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	83
3	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	83
4	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	72
5	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	56





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : DB6R8

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Quant Title : SVOA CALIBRATION

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

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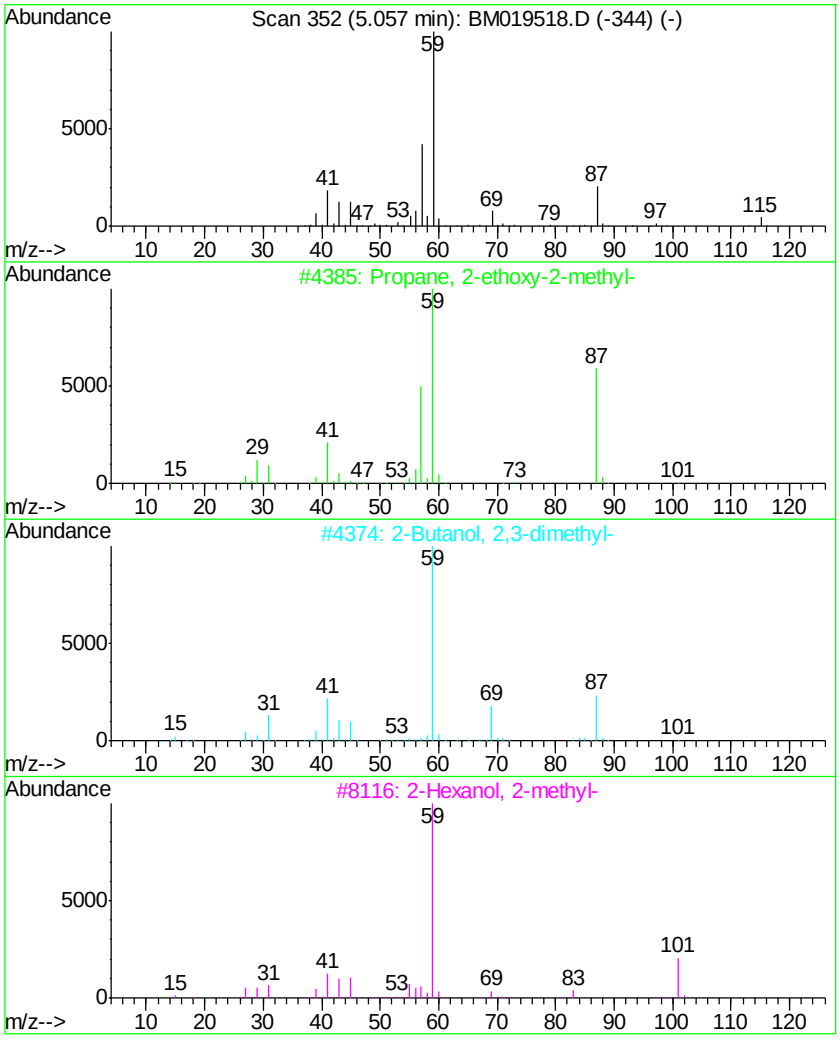
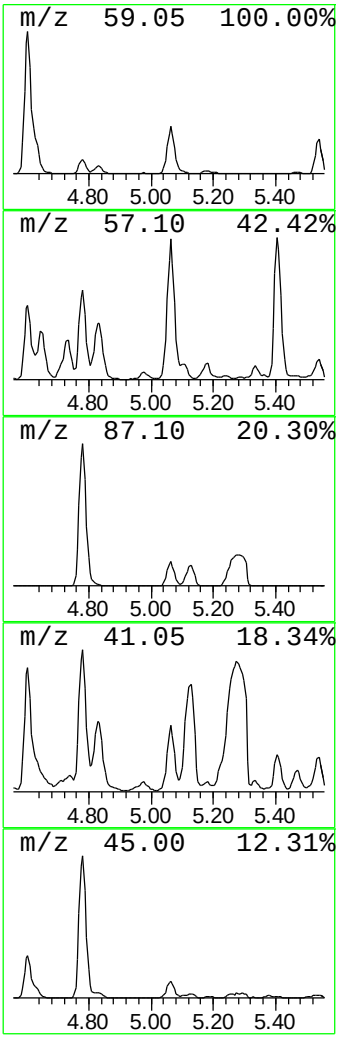
Peak Number 12 Propane, 2-ethoxy-2-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	15.65 ng/ul	1576050	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	72
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	56
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	42
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	42
5	Butane, 2-methoxy-	88	C5H12O	006795-87-5	42





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ClientSampleId : DB6R8

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Quant Title : SVOA CALIBRATION

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

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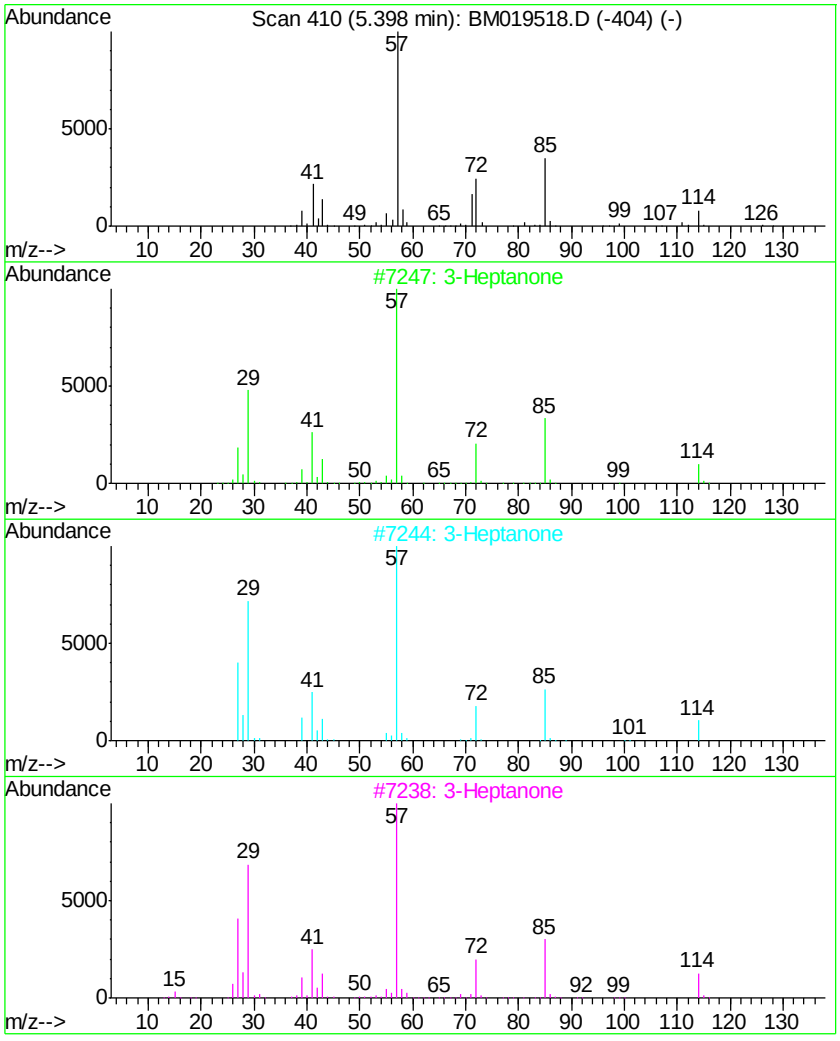
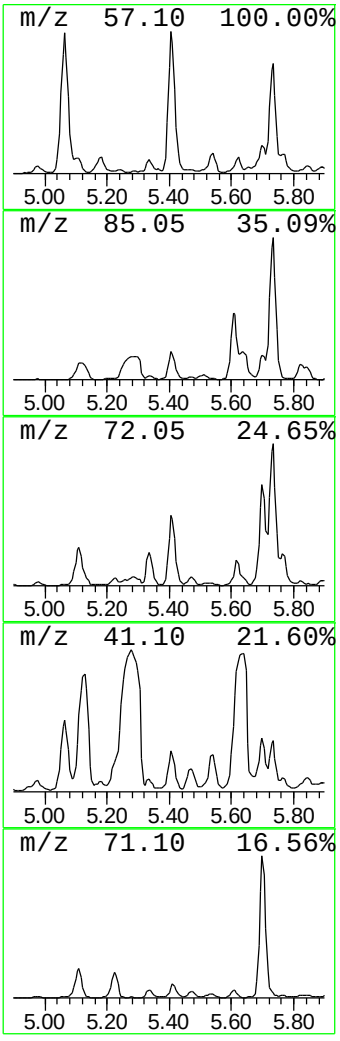
Peak Number 15 3-Heptanone Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	8.72 ng/ul	878483	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone	114	C7H14O	000106-35-4	62
2	3-Heptanone	114	C7H14O	000106-35-4	59
3	3-Heptanone	114	C7H14O	000106-35-4	53
4	3-Heptanone	114	C7H14O	000106-35-4	47
5	3-Heptanone	114	C7H14O	000106-35-4	46





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ClientSampleId : DB6R8

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Quant Title : SVOA CALIBRATION

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

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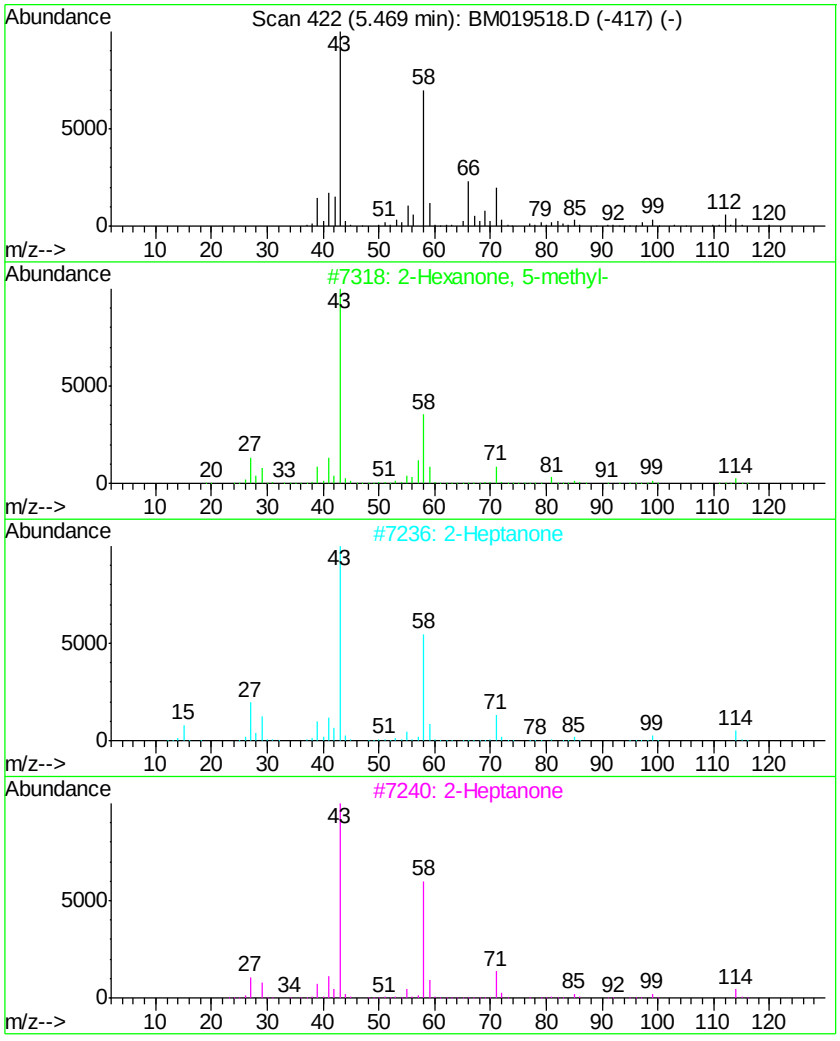
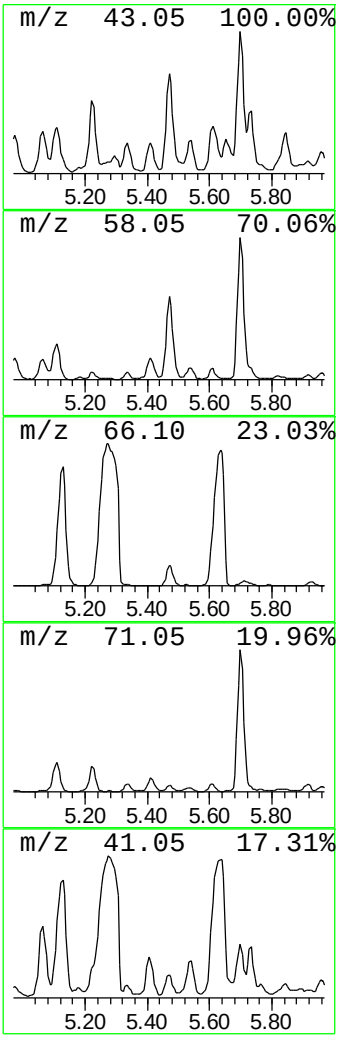
Peak Number 16 unknown-01 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	6.14 ng/ul	618150	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	38
2	2-Heptanone	114	C7H14O	000110-43-0	38
3	2-Heptanone	114	C7H14O	000110-43-0	38
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	35
5	Butanimidamide	86	C4H10N2	000107-90-4	35





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Quant Title : SVOA CALIBRATION

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

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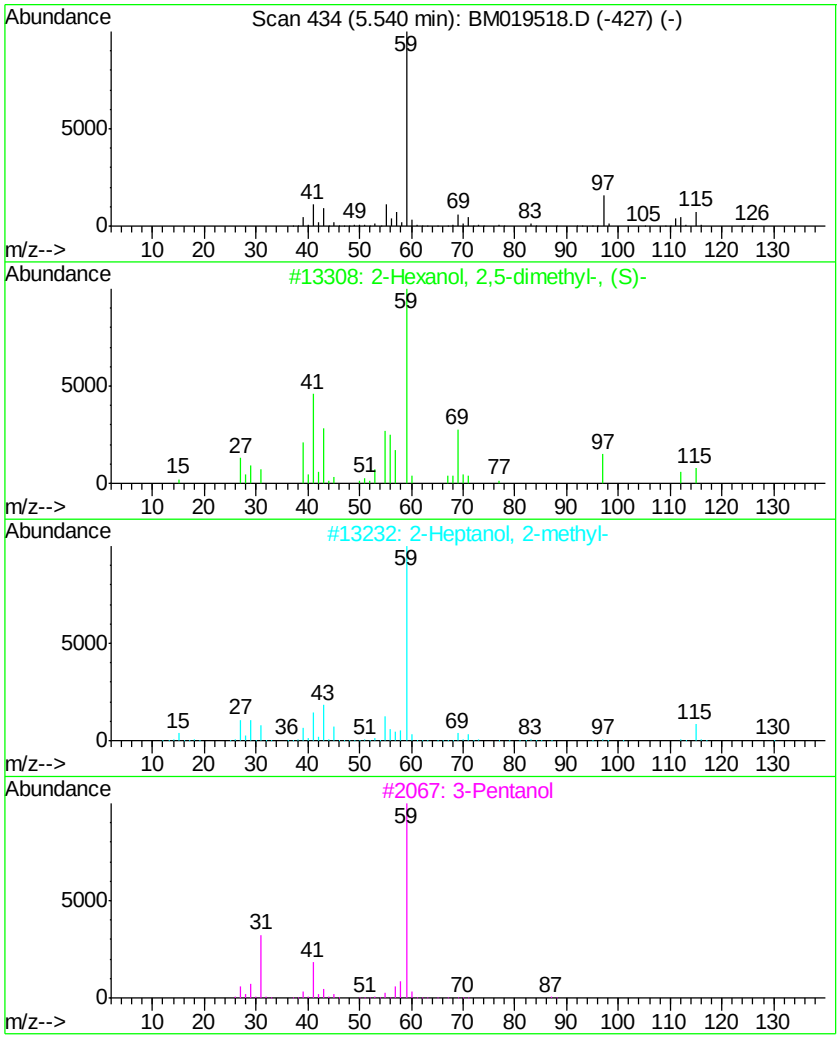
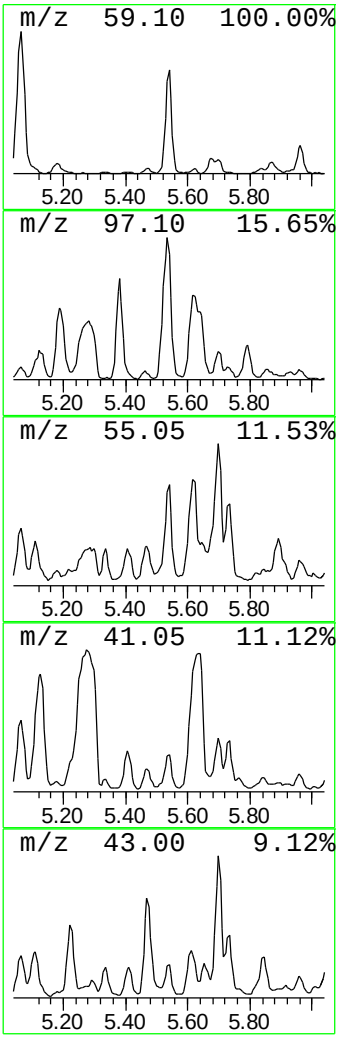
Peak Number 17 2-Hexanol, 2,5-dimethyl-, (S)- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	9.54 ng/ul	960484	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	56
2	2-Heptanol, 2-methyl-	130	C8H18O	000625-25-2	50
3	3-Pentanol	88	C5H12O	000584-02-1	42
4	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	42
5	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	39





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Instrument : BNA_M
ClientSampleId : DB6R8

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Quant Title : SVOA CALIBRATION

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

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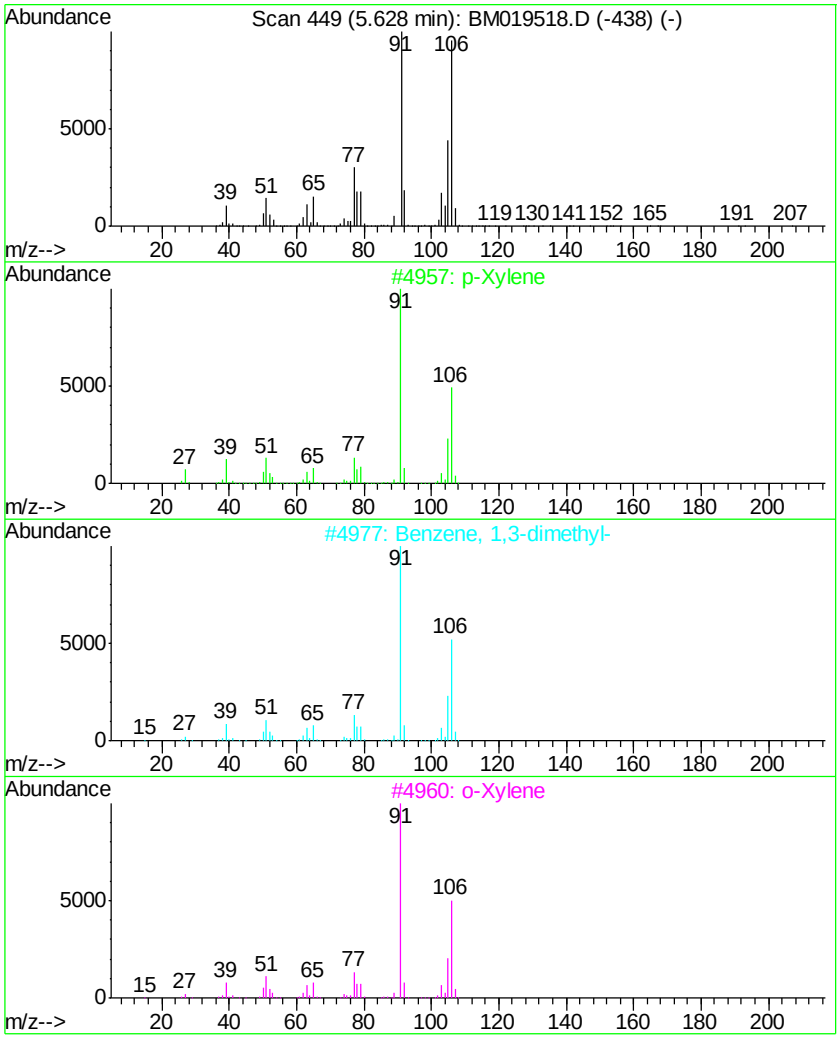
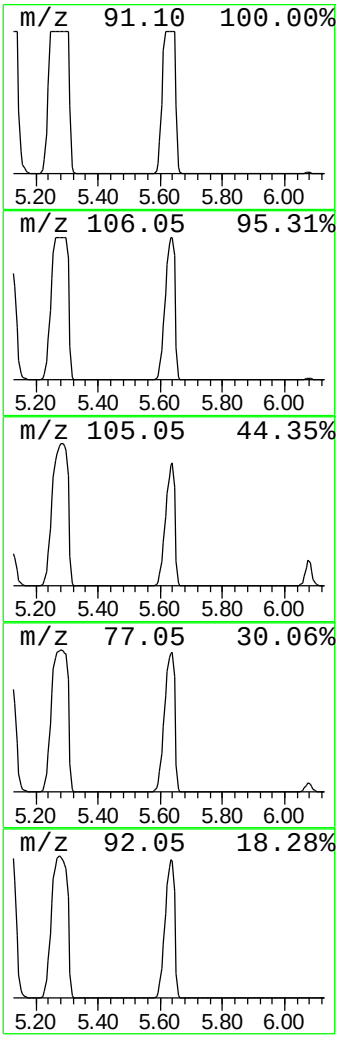
Peak Number 18 p-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	1102.97 ng/ul	111102000	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	93
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93
3	o-Xylene	106	C8H10	000095-47-6	93
4	o-Xylene	106	C8H10	000095-47-6	87
5	p-Xylene	106	C8H10	000106-42-3	87





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Quant Title : SVOA CALIBRATION

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

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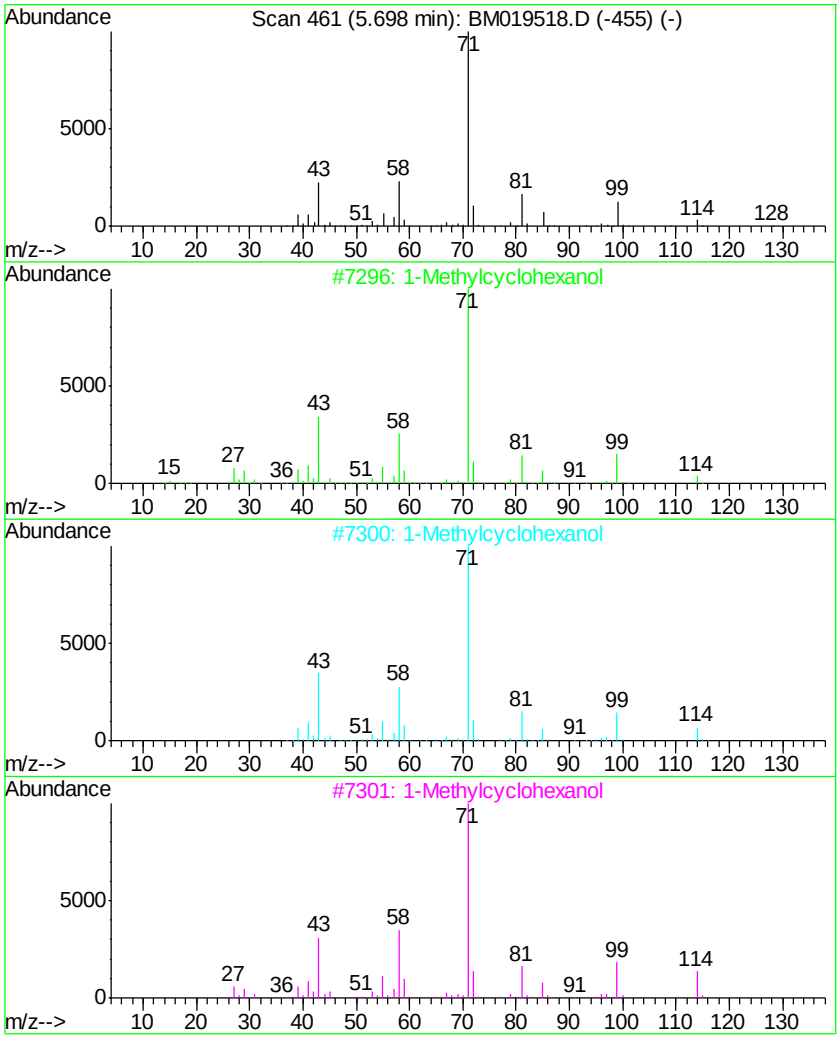
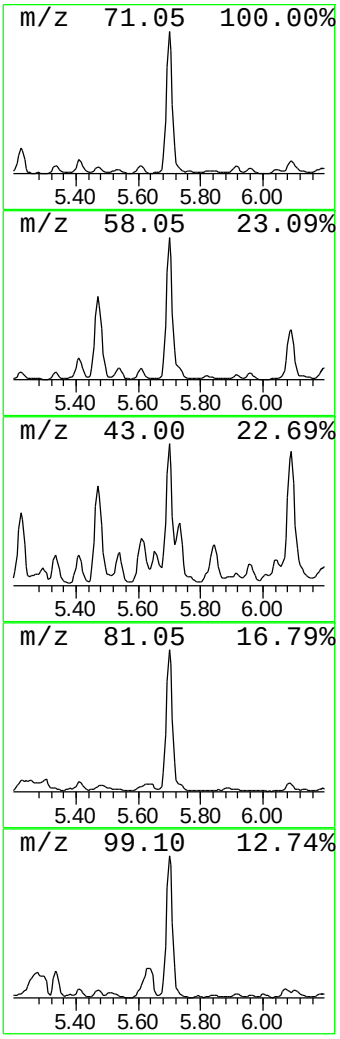
Peak Number 19 1-Methylcyclohexanol Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	22.23 ng/ul	2239610	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	64
5	Silane, ethenyldiethylmethyl-	128	C7H16Si	018292-29-0	38





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Quant Title : SVOA CALIBRATION

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

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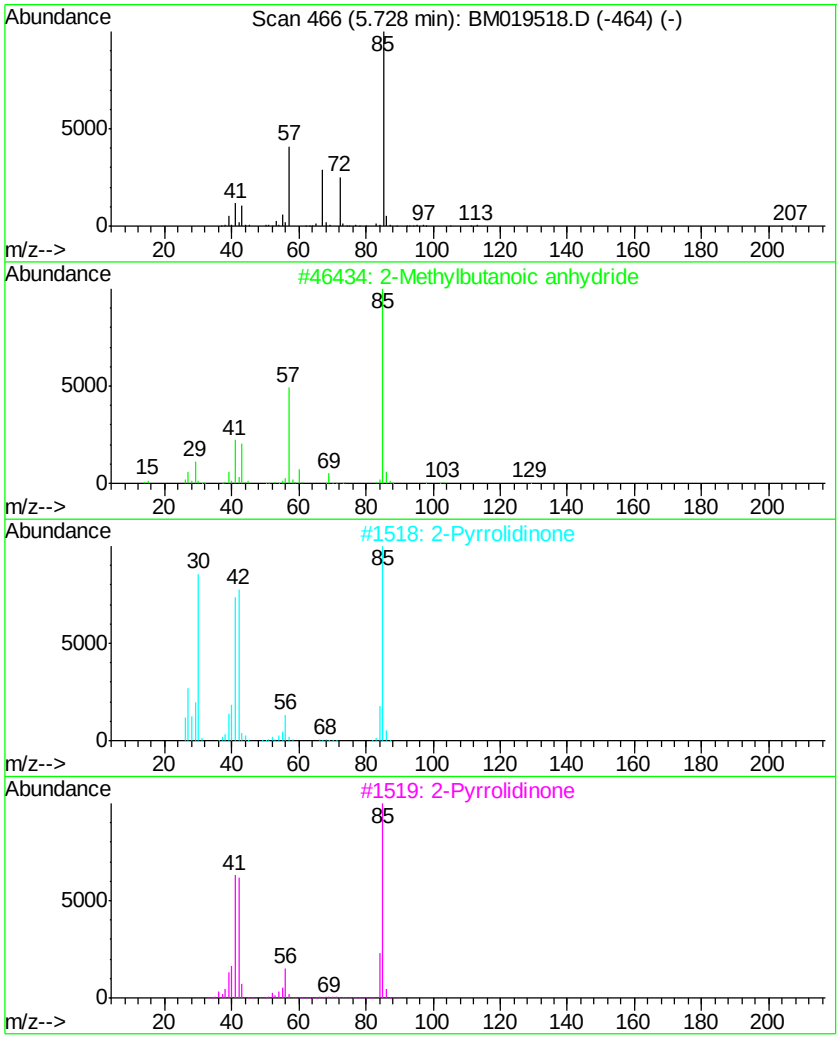
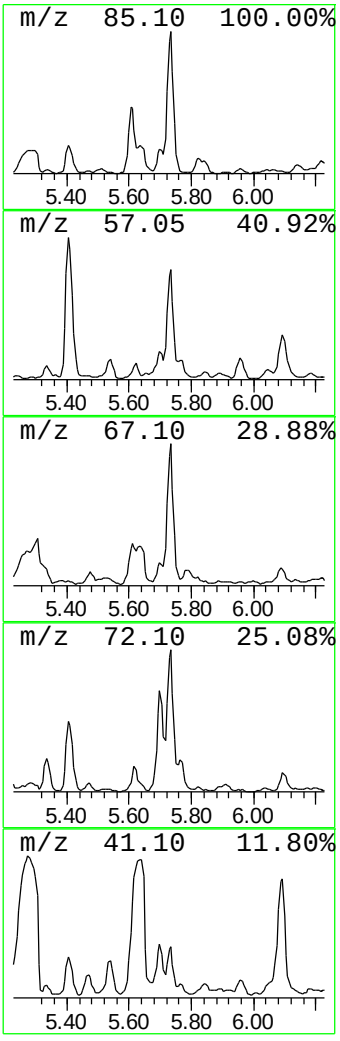
Peak Number 20 unknown-02 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	10.73 ng/ul	1080700	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylbutanoic anhydride	186	C10H18O3	001468-39-9	38
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4	Valeric acid, 3-methylbut-2-enyl...	170	C10H18O2	1000292-48-5	9
5	Valeric anhydride	186	C10H18O3	002082-59-9	9





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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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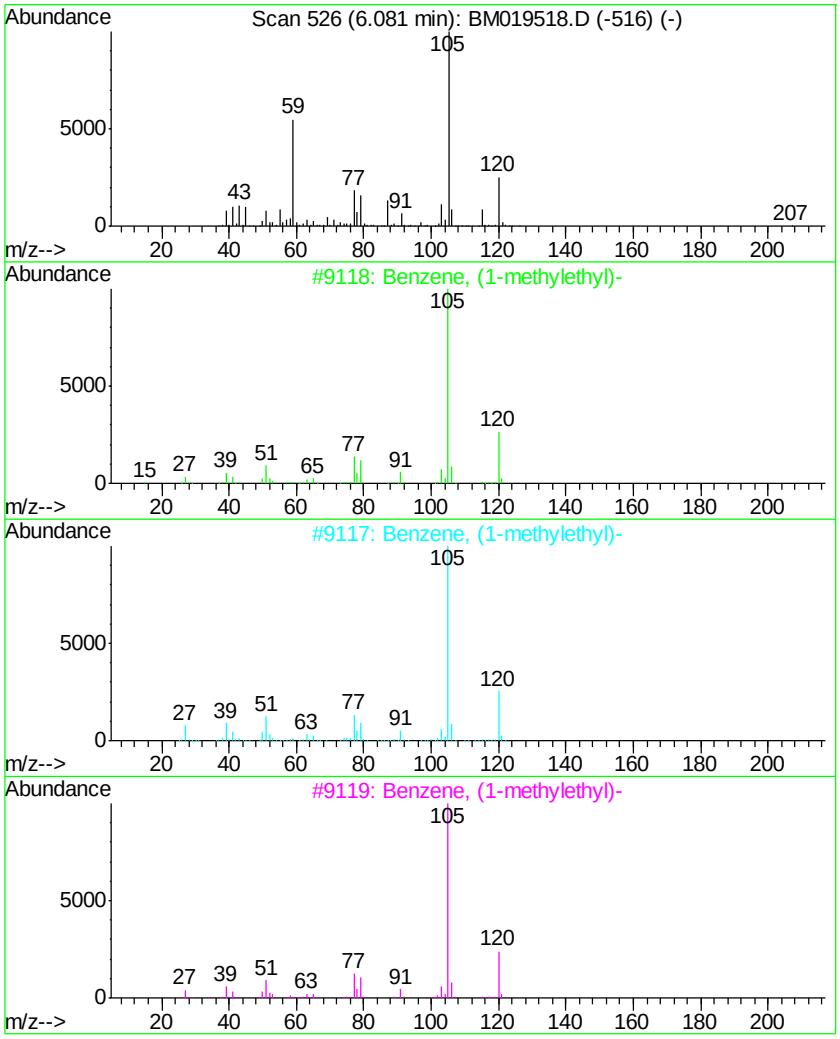
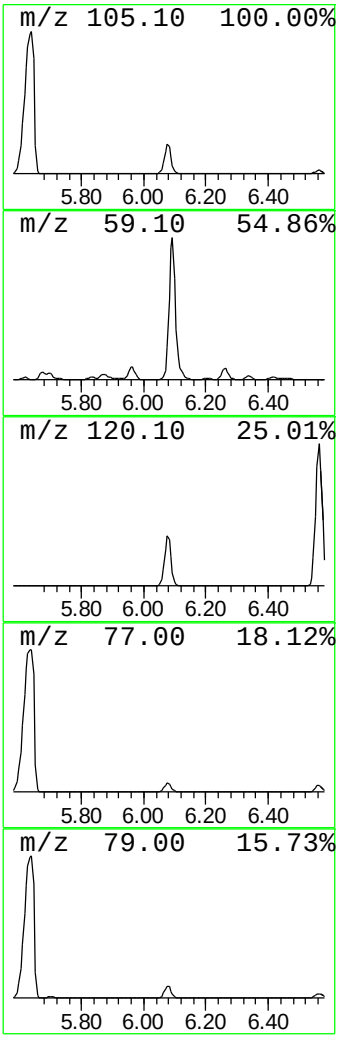
Peak Number 21 Benzene, (1-methylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	65.37 ng/ul	6584470	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	55
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	55
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	55
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	50
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	49





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Quant Title : SVOA CALIBRATION

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

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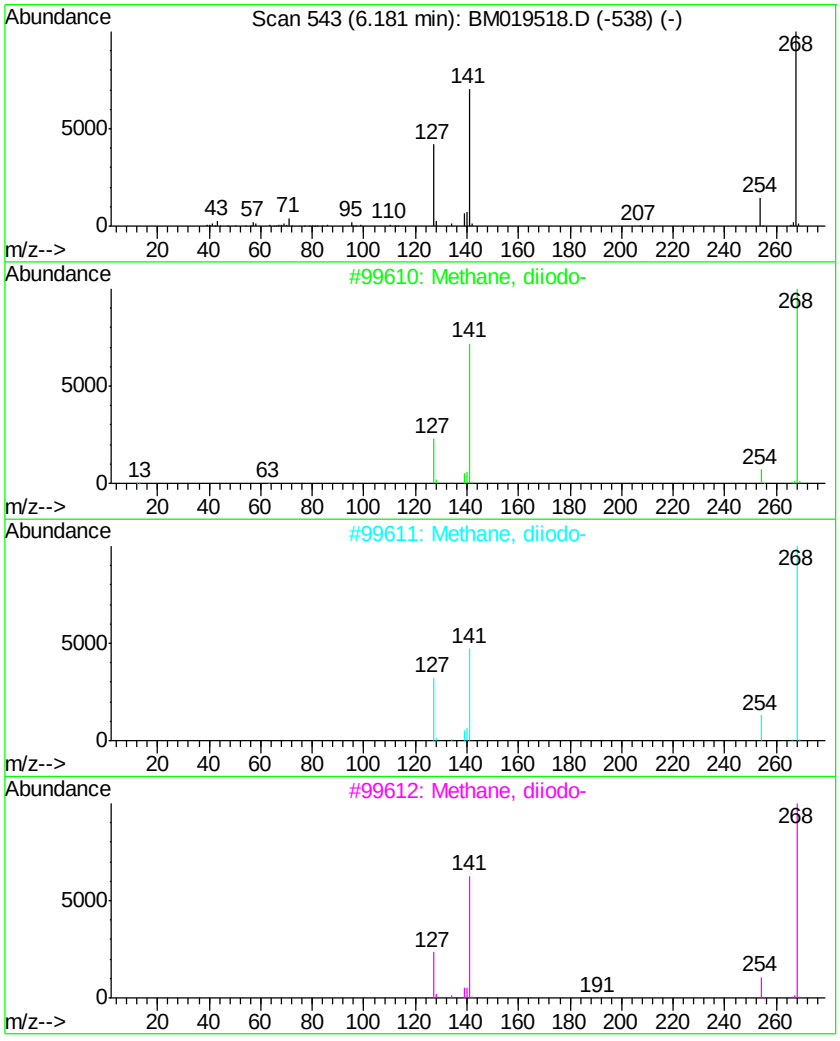
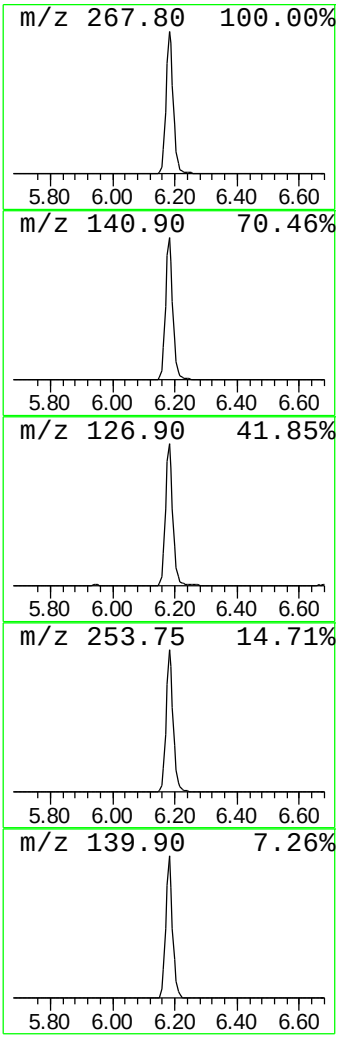
Peak Number 22 Methane, diiodo- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	12.14 ng/ul	1222640	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, diiodo-	268	CH2I2	000075-11-6	91
2	Methane, diiodo-	268	CH2I2	000075-11-6	86
3	Methane, diiodo-	268	CH2I2	000075-11-6	83
4	(-)-2-Methylcholanthrene	268	C21H16	1000126-56-2	9
5	N,N'-Diacetyl benzidine	268	C16H16N2O2	000613-35-4	7





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Quant Title : SVOA CALIBRATION

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

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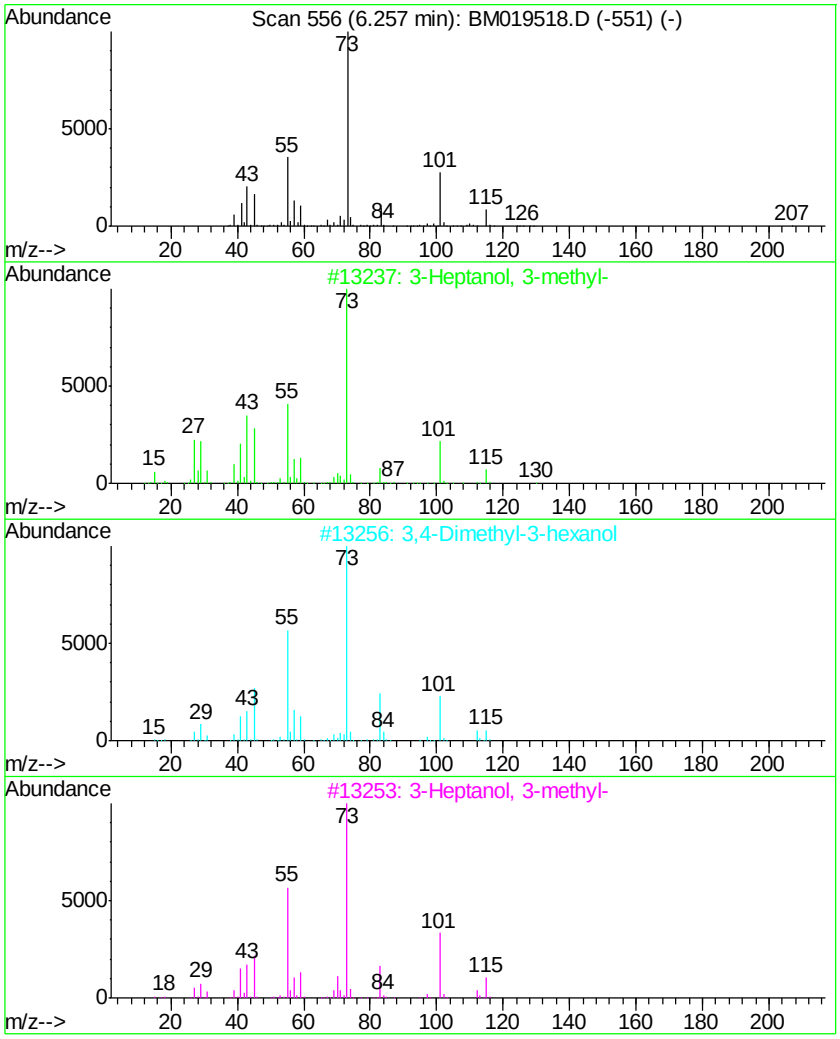
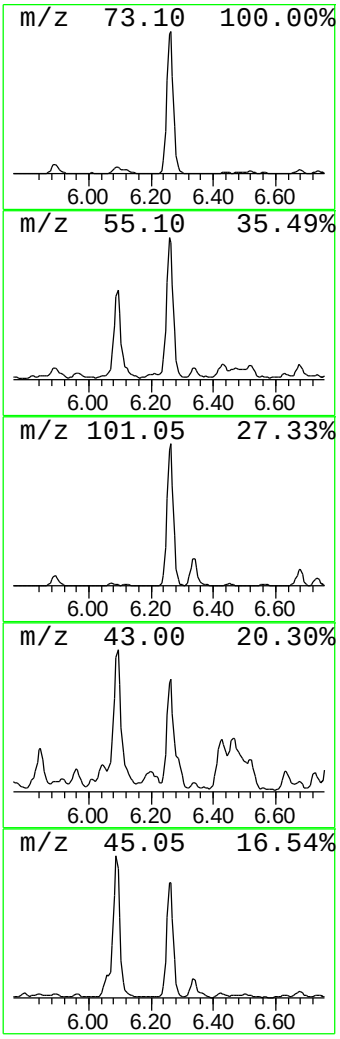
Peak Number 23 3-Heptanol, 3-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	27.64 ng/ul	2783990	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	83
2	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	56
3	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	50
4	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	42
5	3,4,4-Trimethyl-3-pentanol	130	C8H18O	007294-05-5	28





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Operator : JU/SJ
Sample : K2063-08
Misc :
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Instrument : BNA_M
ClientSampleId : DB6R8

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Quant Title : SVOA CALIBRATION

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

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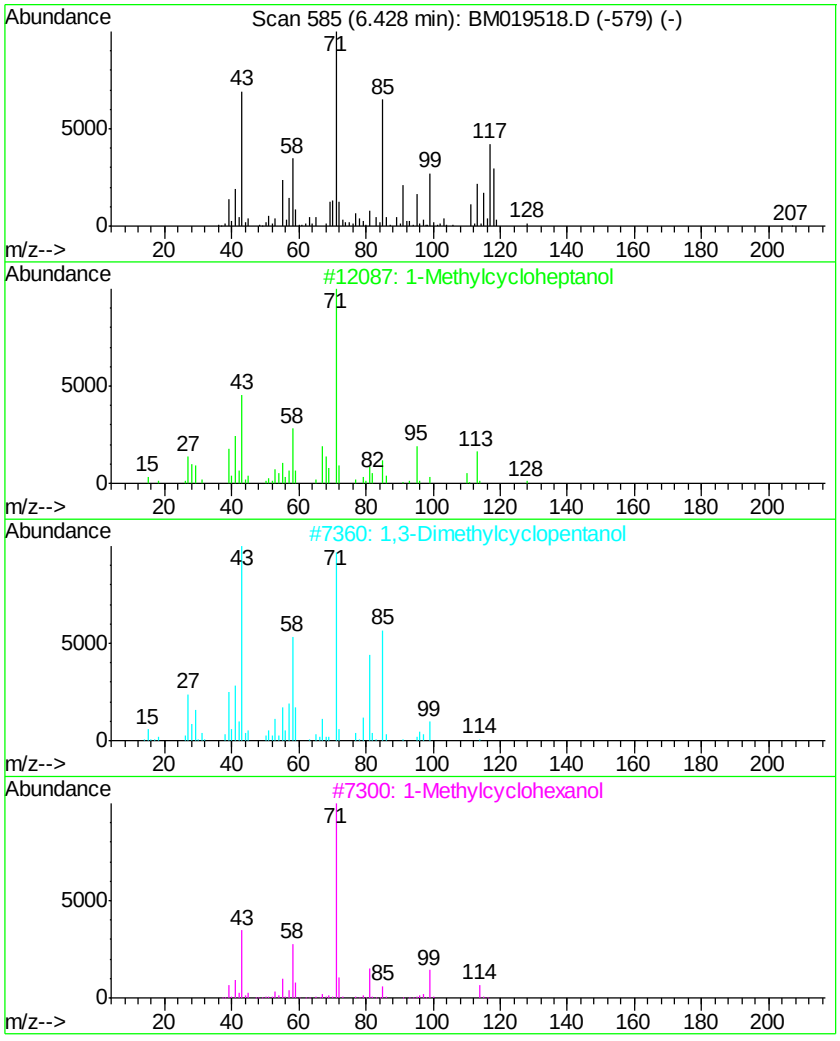
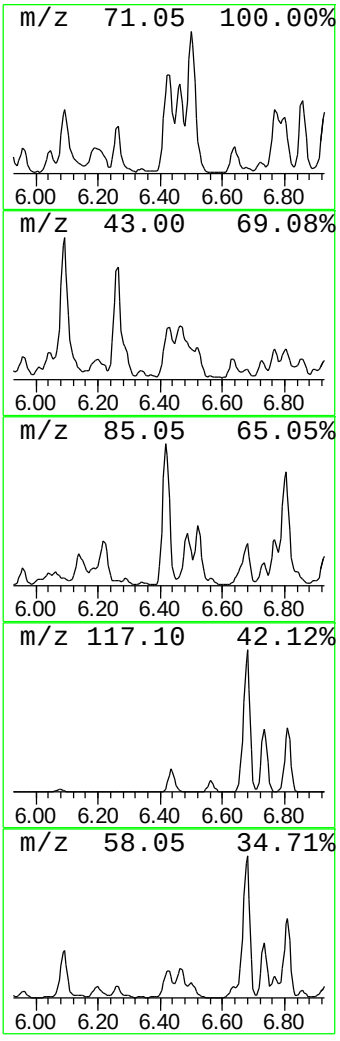
Peak Number 24 unknown-03 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	9.86 ng/ul	993565	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcycloheptanol	128	C8H16O	003761-94-2	43
2	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	38
3	1-Methylcyclohexanol	114	C7H14O	000590-67-0	38
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	32
5	1-Methylcyclohexanol	114	C7H14O	000590-67-0	32





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ClientSampleId : DB6R8

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Quant Title : SVOA CALIBRATION

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

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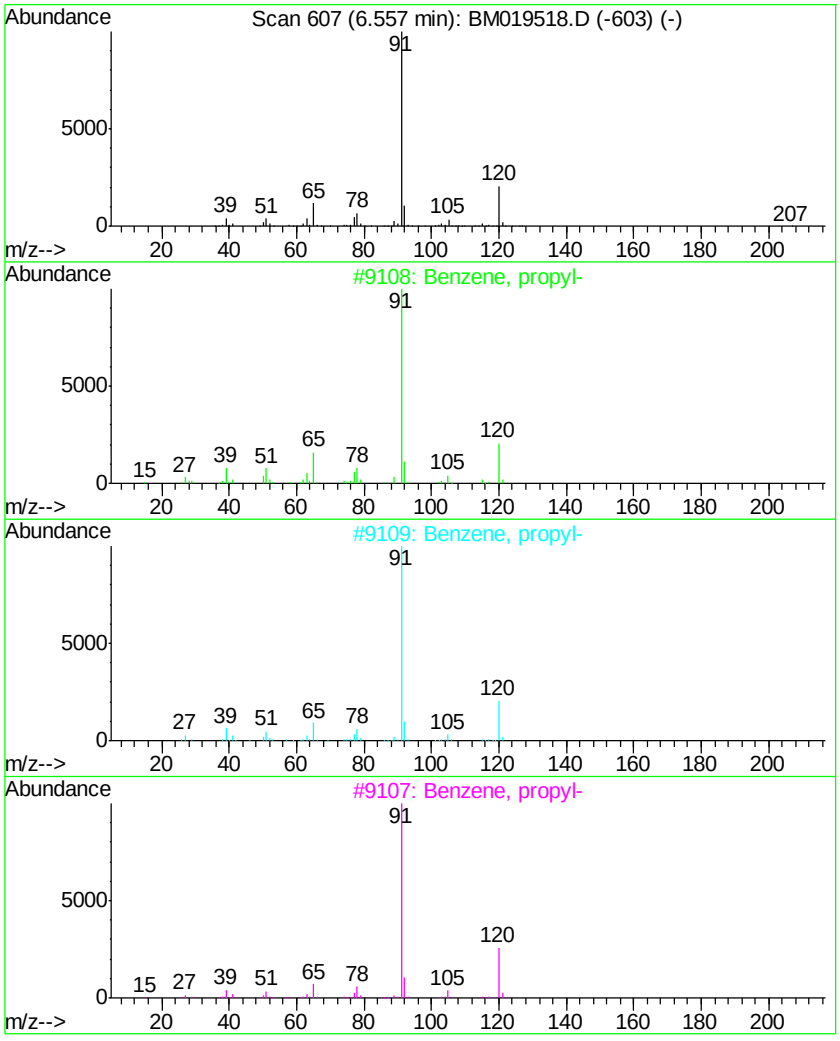
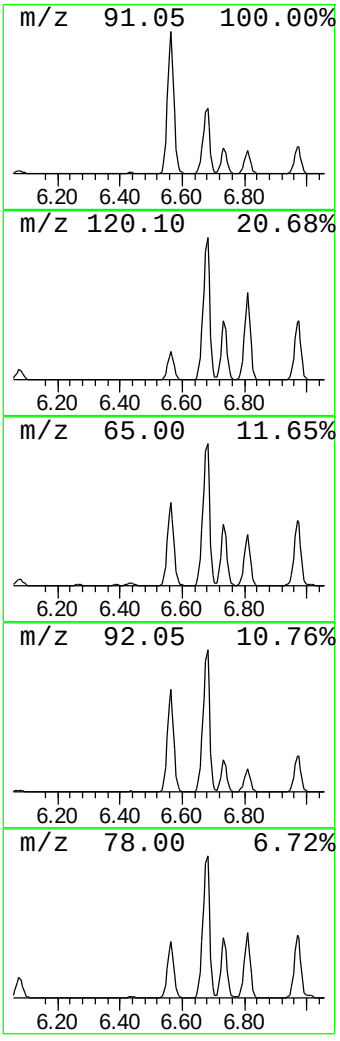
Peak Number 25 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	83.22 ng/ul	8382880	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	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





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Quant Title : SVOA CALIBRATION

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

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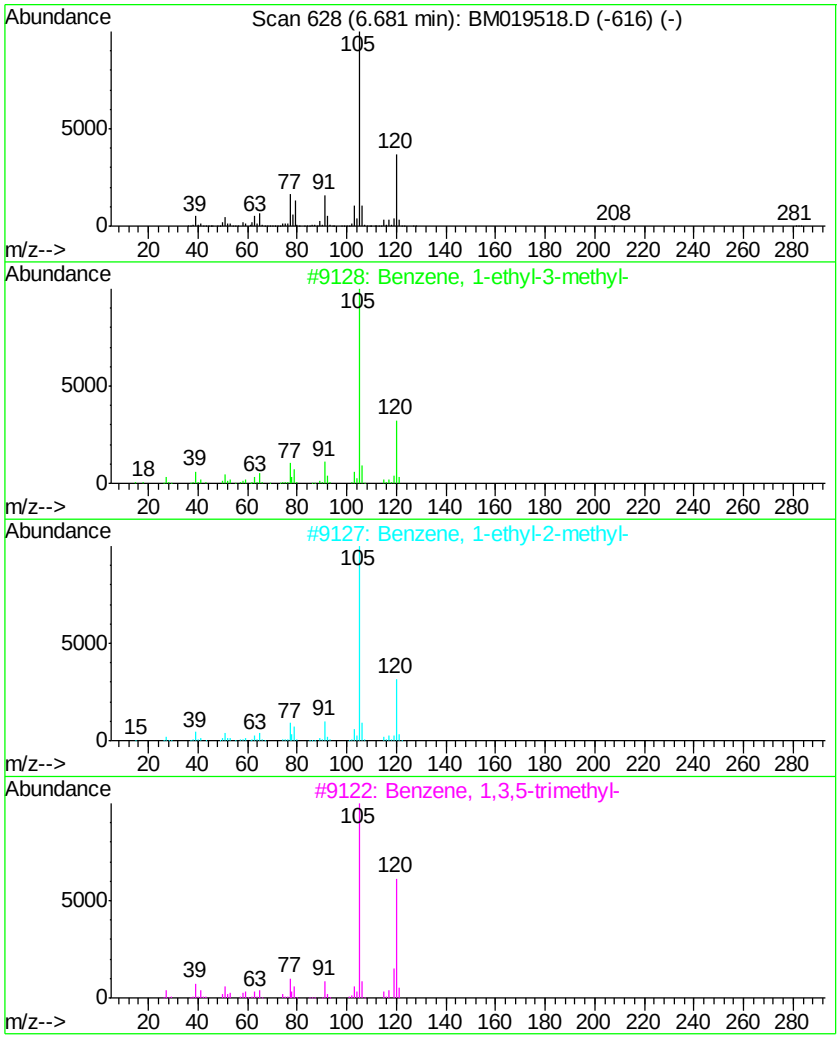
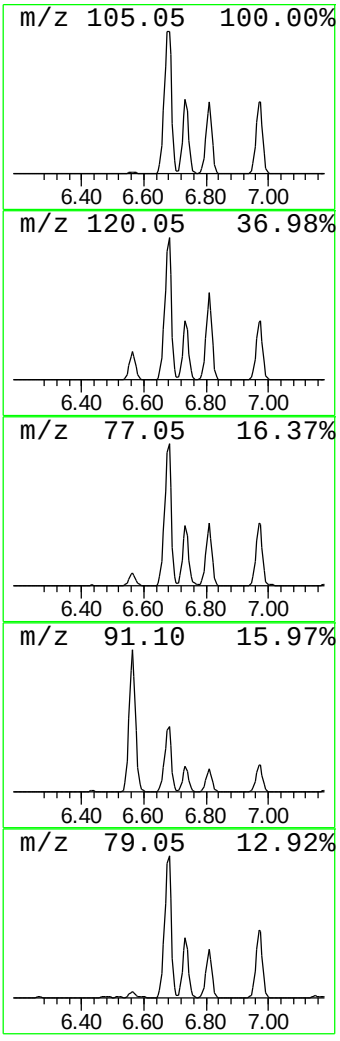
Peak Number 26 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	380.66 ng/ul	38343600	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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ClientSampleId : DB6R8

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Quant Title : SVOA CALIBRATION

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

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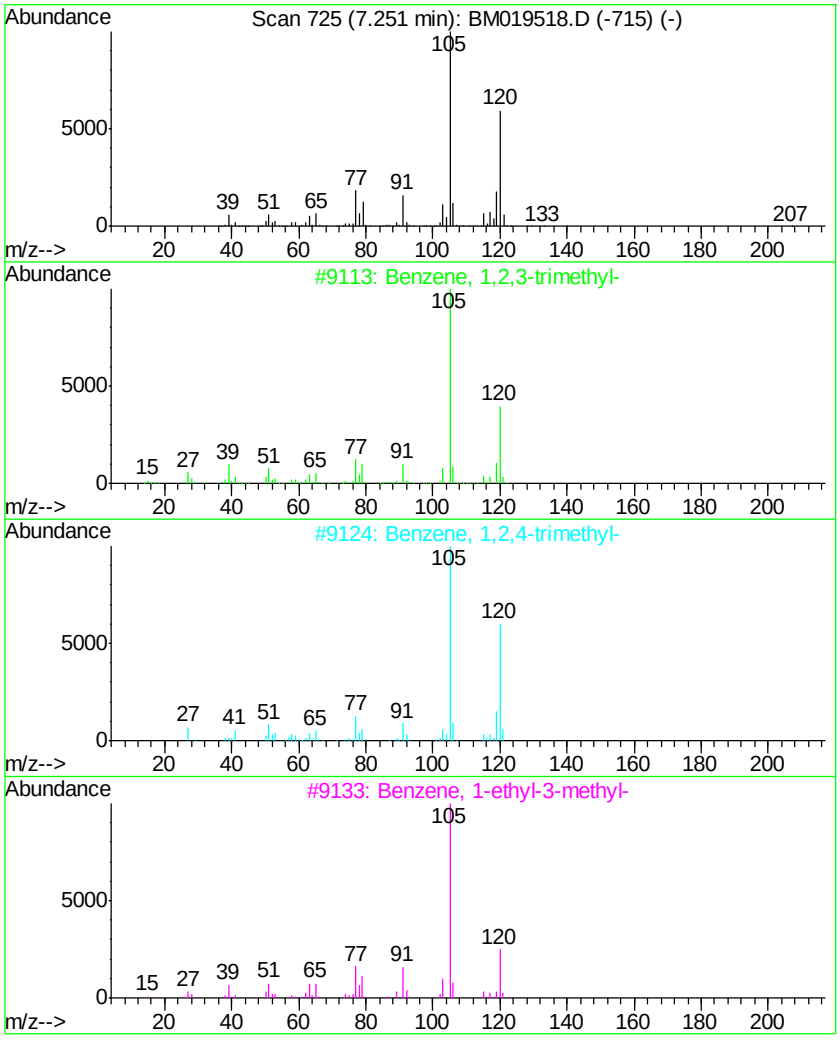
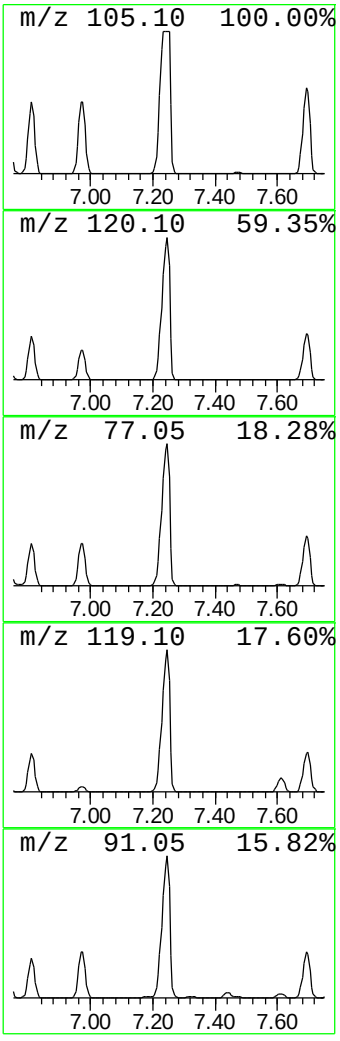
Peak Number 28 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	685.36 ng/ul	69036100	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	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





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Quant Title : SVOA CALIBRATION

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

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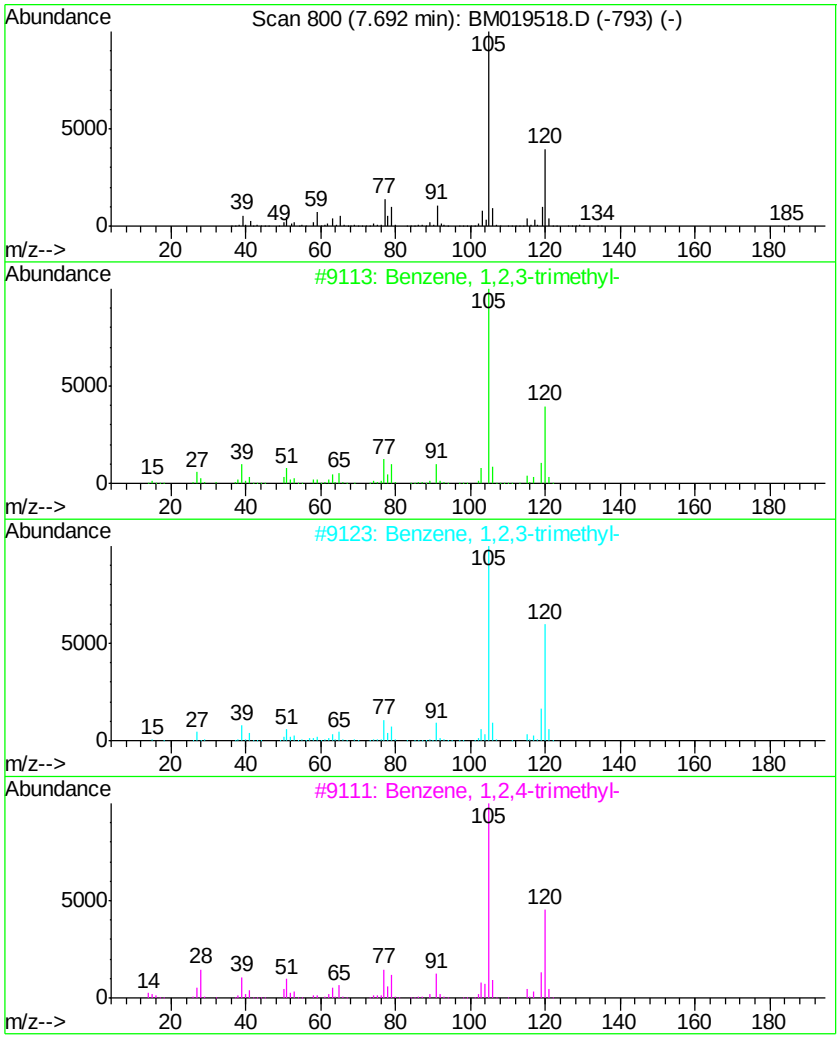
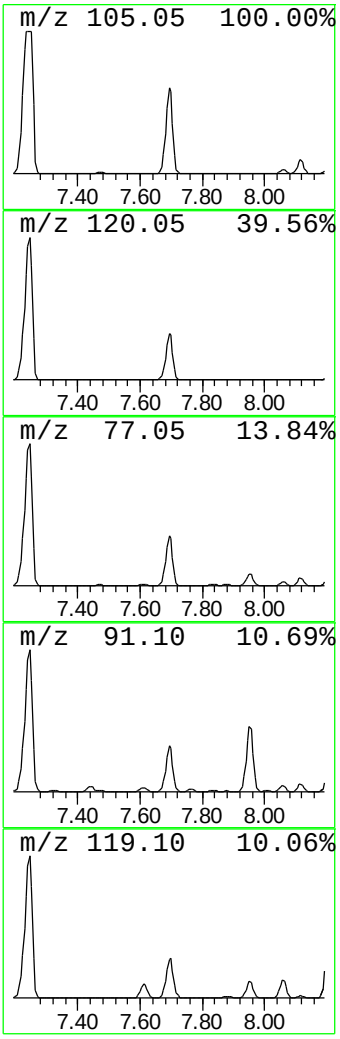
Peak Number 29 Benzene, 1,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	219.37 ng/ul	22097200	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	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94





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Quant Title : SVOA CALIBRATION

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

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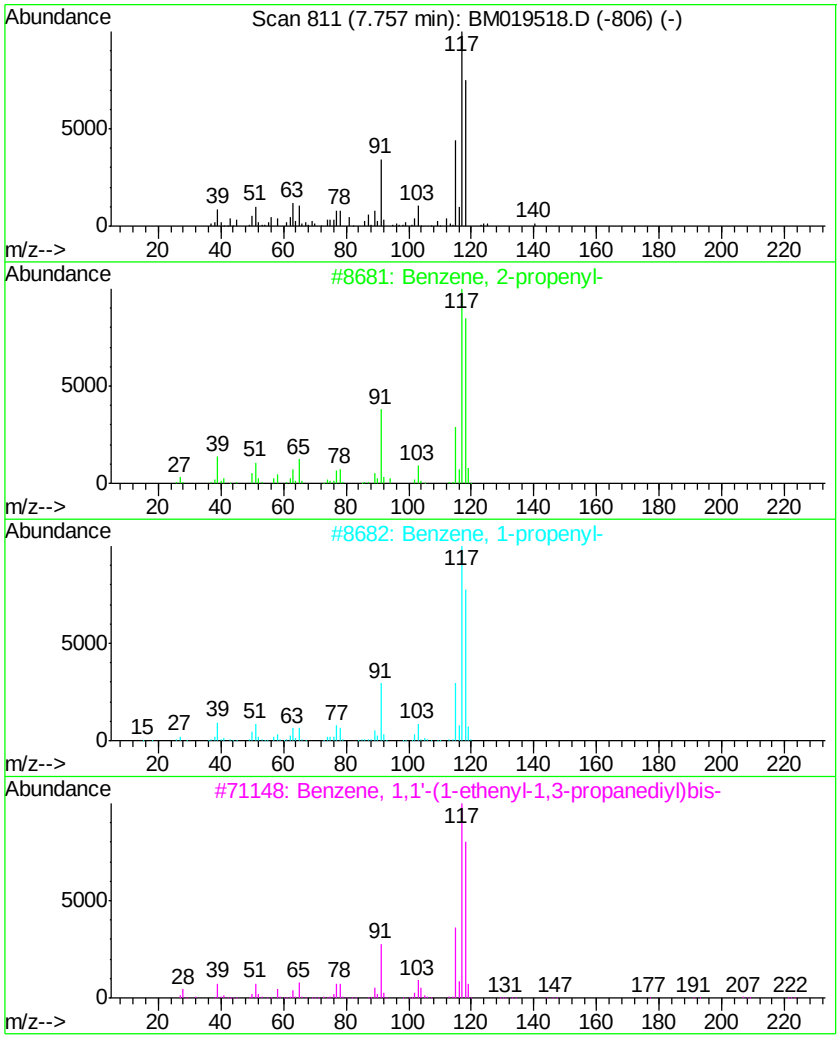
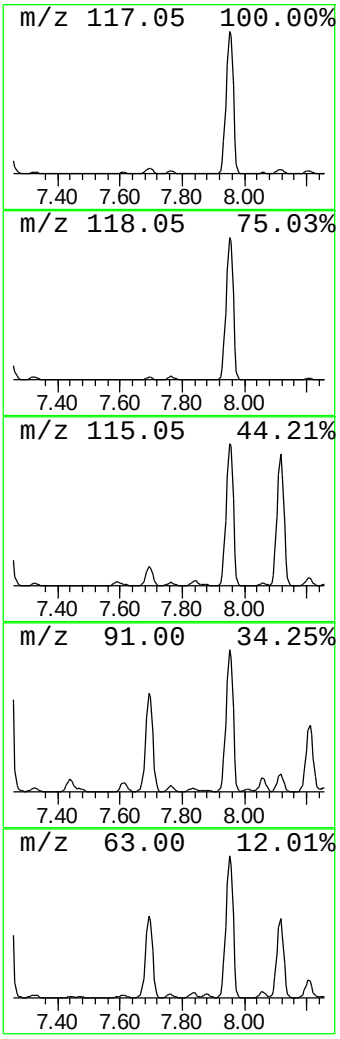
Peak Number 30 Benzene, 2-propenyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	7.35 ng/ul	740110	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	92
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	92
3	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	86
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86





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Quant Title : SVOA CALIBRATION

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

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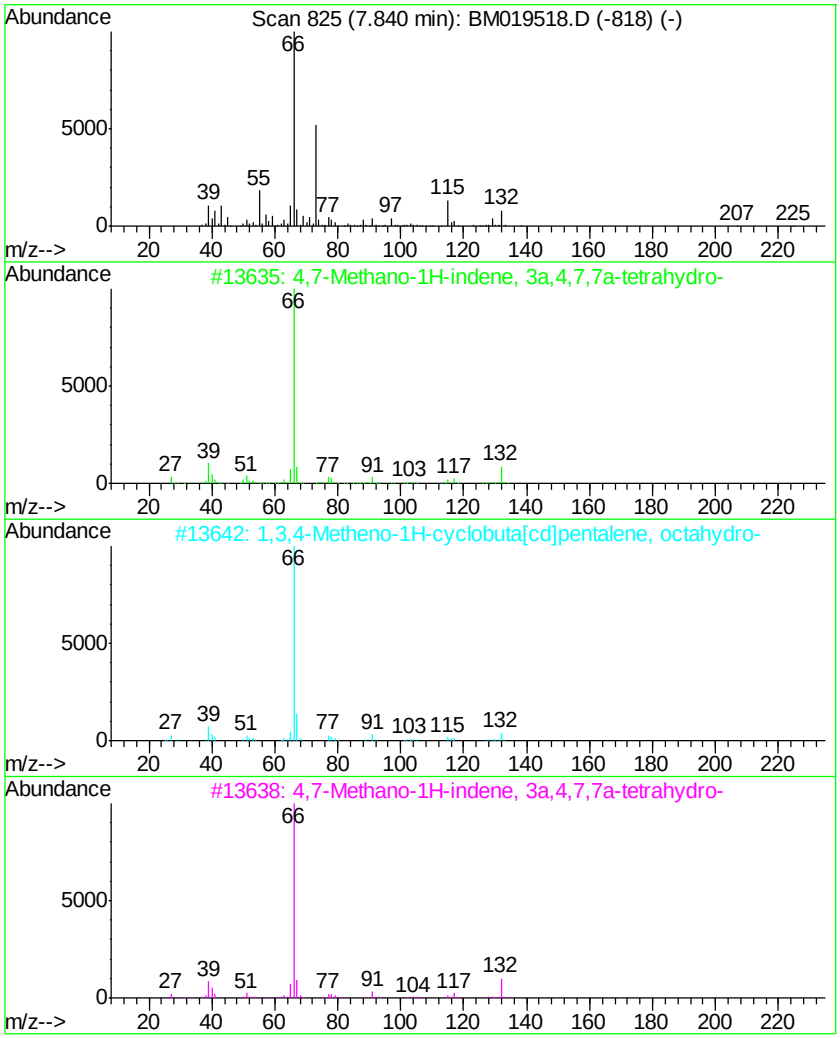
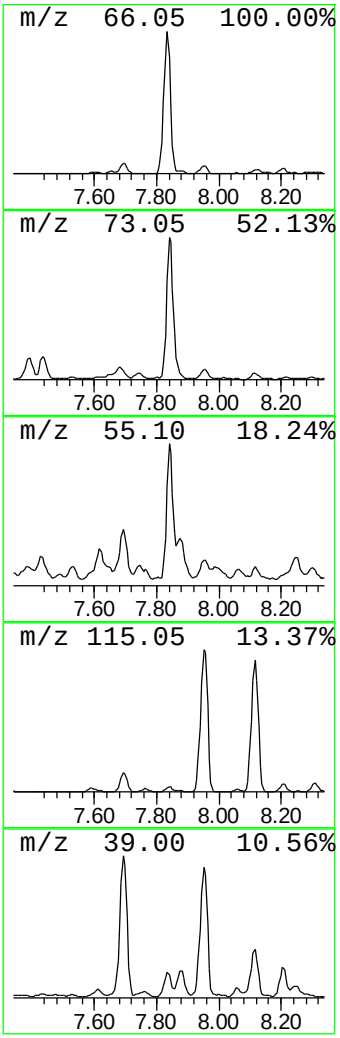
Peak Number 31 4,7-Methano-1H-indene, 3a,4... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	23.57 ng/ul	2374430	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	1,3,4-Metheno-1H-cyclobuta[cd]pe...	132	C10H12	006707-88-6	86
3	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	86
4	The first isomer tricyclopentadiene	198	C15H18	1000222-21-0	78
5	Bicyclo[2.2.1]hept-2-ene, 5,6-bi...	190	C9H12Cl2	005992-56-3	72





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Quant Title : SVOA CALIBRATION

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

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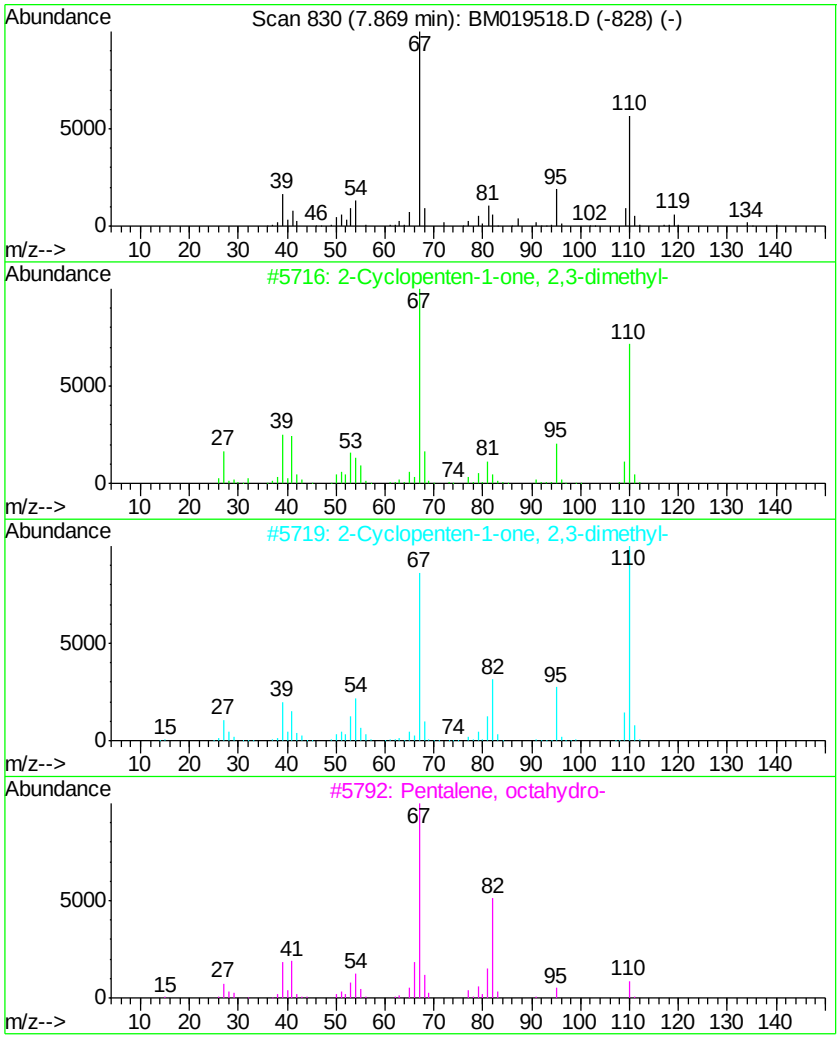
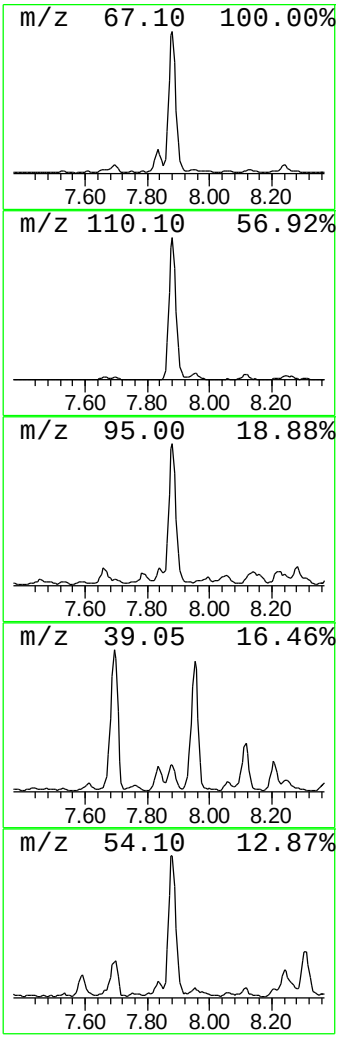
Peak Number 32 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	16.76 ng/ul	1688380	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	91
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	76
3	Pentalene, octahydro-	110	C8H14	000694-72-4	59
4	Norbornadieone	110	C7H10O	010218-02-7	59
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	46





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Quant Title : SVOA CALIBRATION

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

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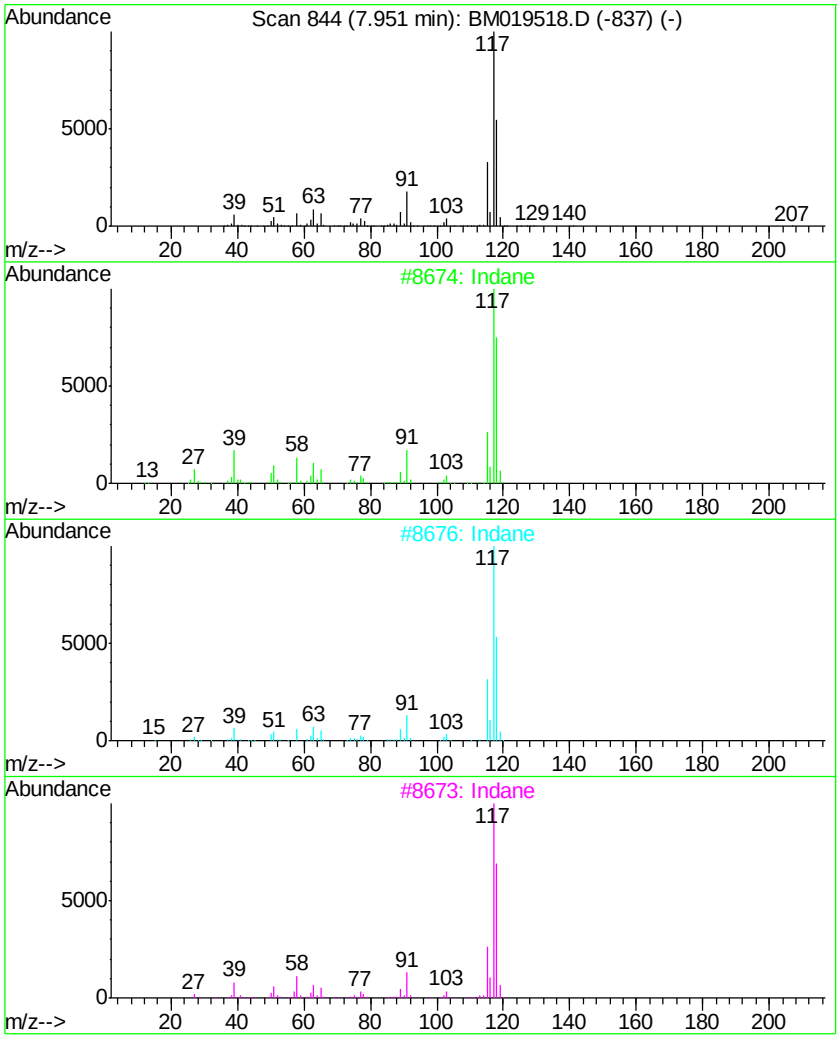
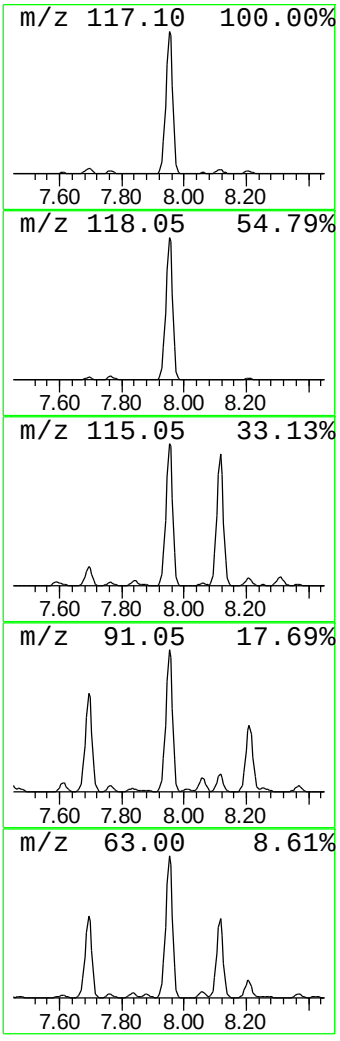
Peak Number 33 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	208.34 ng/ul	20985800	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	Indane	118	C9H10	000496-11-7	87
4	Deltacyclene	118	C9H10	007785-10-6	74
5	Indane	118	C9H10	000496-11-7	72





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Quant Title : SVOA CALIBRATION

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

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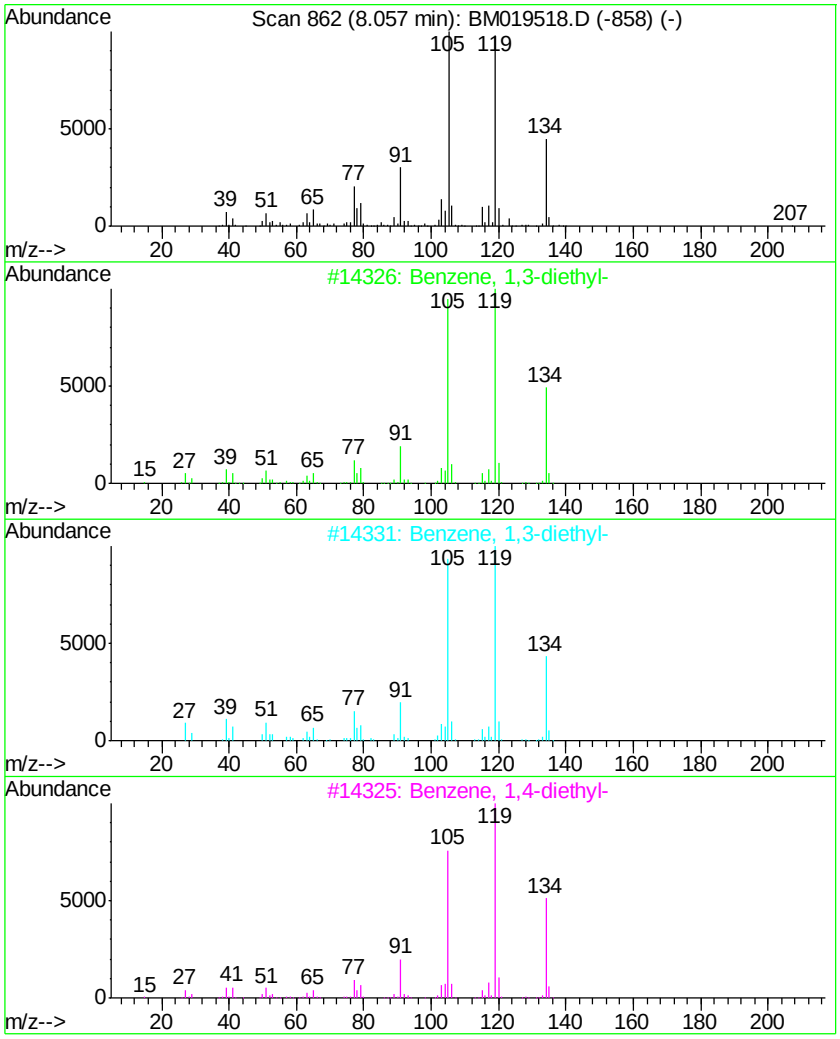
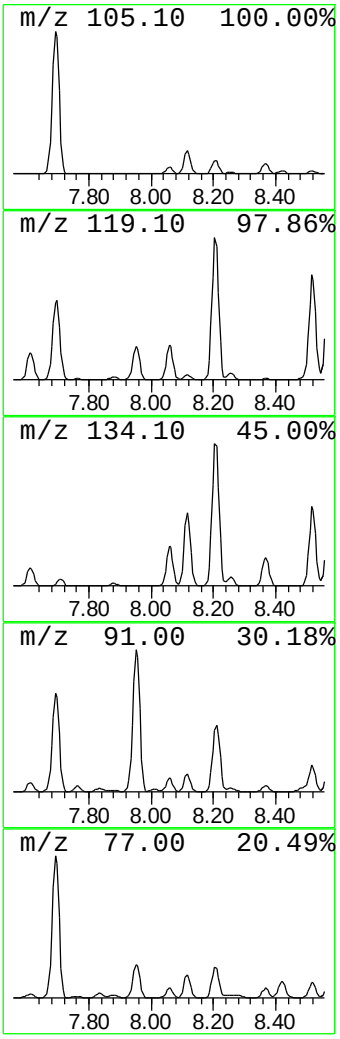
Peak Number 34 Benzene, 1,3-diethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	16.52 ng/ul	1663980	1,4-Dichlorobenzene-d4	7.59

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





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Quant Title : SVOA CALIBRATION

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

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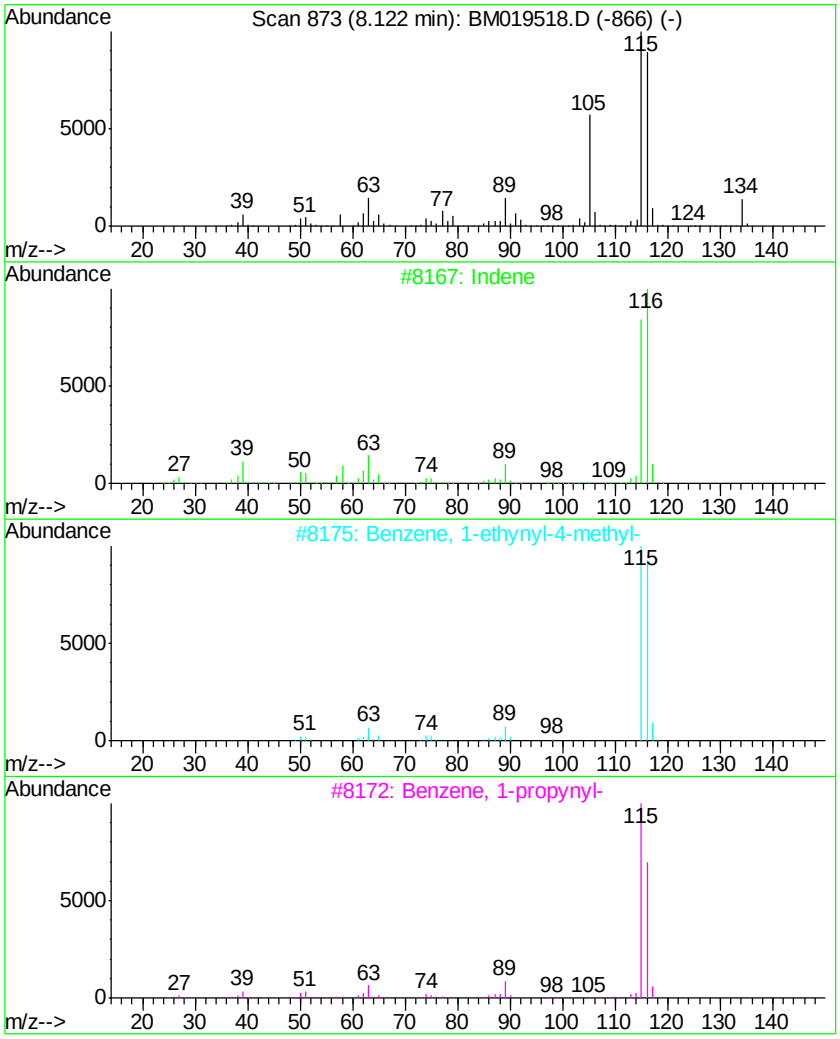
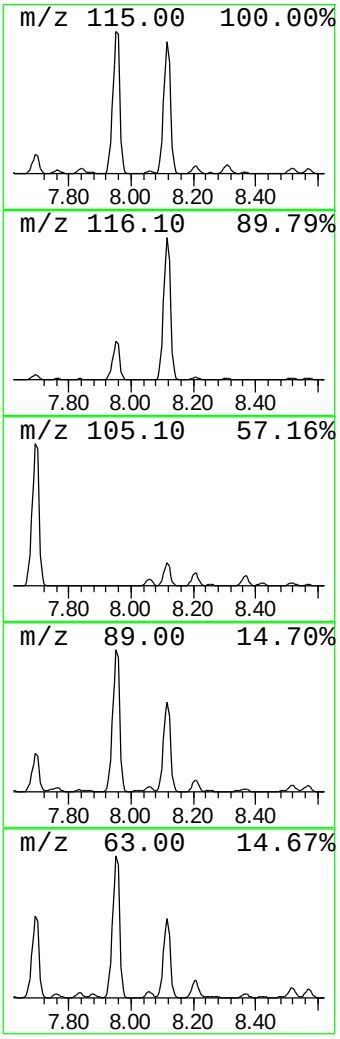
Peak Number 35 Indene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	88.76 ng/ul	8941060	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	90
2	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	81
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	81
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	81
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019518.D
Acq On : 27 Mar 2019 23:11
Operator : JU/SJ
Sample : K2063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R8

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

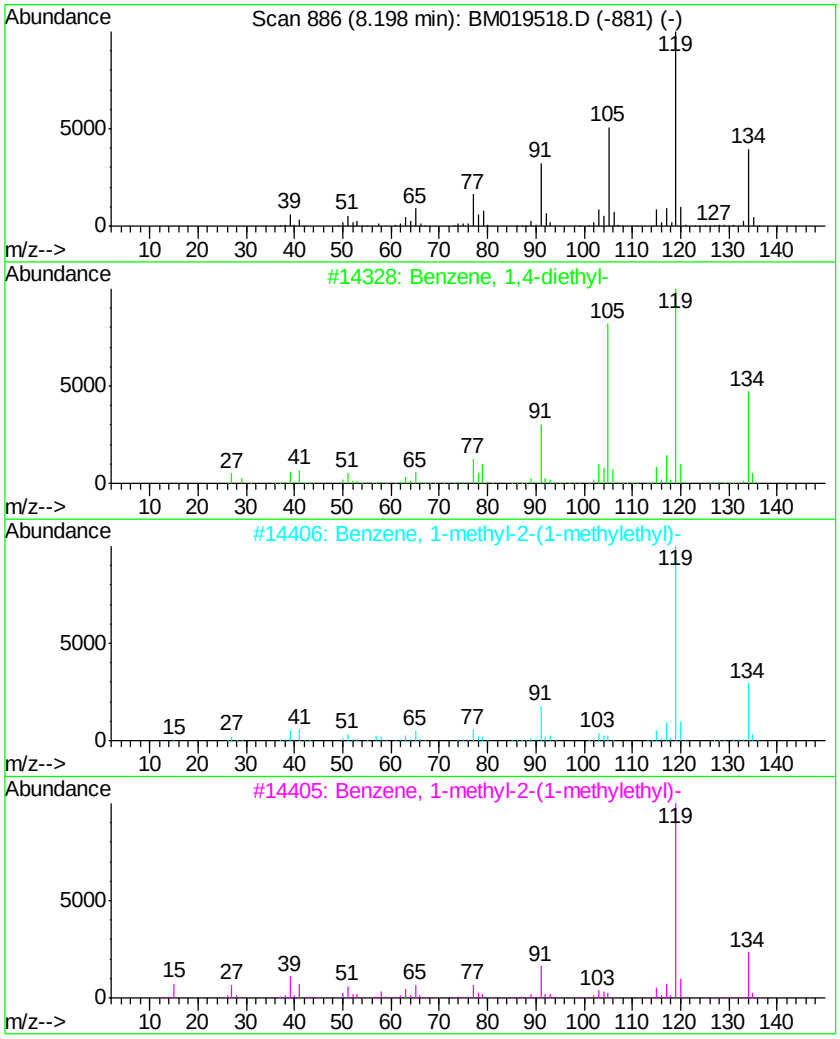
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

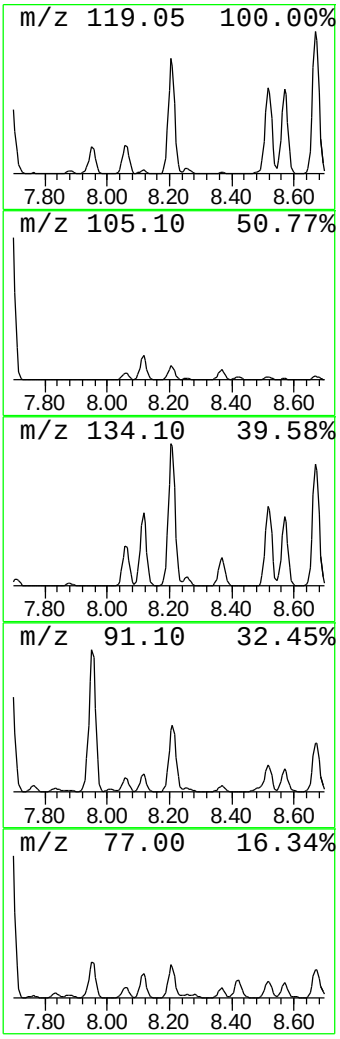
****

Peak Number 36 Benzene, 1,4-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	57.17 ng/ul	5758760	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019518.D
Acq On : 27 Mar 2019 23:11
Operator : JU/SJ
Sample : K2063-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R8

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
2-Pentanol, 2-met...	3.38	45.6	ng/ul	4596430	1	7.59	2014590	20.0
Methyl Isobutyl K...	3.45	4.6	ng/ul	459355	1	7.59	2014590	20.0
3-Pentanol, 3-met...	3.63	33.7	ng/ul	3390970	1	7.59	2014590	20.0
3-Hexanone	3.97	15.5	ng/ul	1561050	1	7.59	2014590	20.0
2-Hexanol, 2-methyl-	4.06	6.1	ng/ul	617022	1	7.59	2014590	20.0
Cyclopentanol, 1-...	4.12	13.6	ng/ul	1372000	1	7.59	2014590	20.0
3-Hexanol, 3-methyl-	4.78	51.0	ng/ul	5142500	1	7.59	2014590	20.0
Propane, 2-ethoxy...	5.06	15.7	ng/ul	1576050	1	7.59	2014590	20.0
3-Heptanone	5.40	8.7	ng/ul	878483	1	7.59	2014590	20.0
unknown-01	5.47	6.1	ng/ul	618150	1	7.59	2014590	20.0
2-Hexanol, 2,5-di...	5.54	9.5	ng/ul	960484	1	7.59	2014590	20.0
p-Xylene	5.63	1103.0	ng/ul	111102000	1	7.59	2014590	20.0
1-Methylcyclohexanol	5.70	22.2	ng/ul	2239610	1	7.59	2014590	20.0
unknown-02	5.73	10.7	ng/ul	1080700	1	7.59	2014590	20.0
Benzene, (1-methy...	6.08	65.4	ng/ul	6584470	1	7.59	2014590	20.0
Methane, diiodo-	6.18	12.1	ng/ul	1222640	1	7.59	2014590	20.0
3-Heptanol, 3-met...	6.26	27.6	ng/ul	2783990	1	7.59	2014590	20.0
unknown-03	6.43	9.9	ng/ul	993565	1	7.59	2014590	20.0
Benzene, propyl-	6.56	83.2	ng/ul	8382880	1	7.59	2014590	20.0
Benzene, 1-ethyl-...	6.68	380.7	ng/ul	38343600	1	7.59	2014590	20.0
Benzene, 1,2,3-tr...	7.25	685.4	ng/ul	69036100	1	7.59	2014590	20.0
Benzene, 1,2,4-tr...	7.69	219.4	ng/ul	22097200	1	7.59	2014590	20.0
Benzene, 2-propenyl-	7.76	7.3	ng/ul	740110	1	7.59	2014590	20.0
4,7-Methano-1H-in...	7.84	23.6	ng/ul	2374430	1	7.59	2014590	20.0
2-Cyclopenten-1-o...	7.87	16.8	ng/ul	1688380	1	7.59	2014590	20.0
Indane	7.95	208.3	ng/ul	20985800	1	7.59	2014590	20.0
Benzene, 1,3-diet...	8.06	16.5	ng/ul	1663980	1	7.59	2014590	20.0
Indene	8.12	88.8	ng/ul	8941060	1	7.59	2014590	20.0
Benzene, 1,4-diet...	8.20	57.2	ng/ul	5758760	1	7.59	2014590	20.0