LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019532.D
Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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	62	66	78	rVB	417084	586509	1.28%	0.388%
2	3.628	102	109	121	rVB	327891	568129	1.24%	0.376%
3	3.828	136	143	162	rBV	29722687	45906313	100.00%	30.368%
4	3.981	165	169	174	rVV2	27461	50798	0.11%	0.034%
5	4.057	176	182	188	rVV	69358	134028	0.29%	0.089%
6	4.122	188	193	209	rVB	116765	250467	0.55%	0.166%
7	4.434	241	246	259	rVB4	43578	88974	0.19%	0.059%
8	4.598	269	274	284	rBV	197111	338503	0.74%	0.224%
9	4.769	299	303	308	rVV	256747	392821	0.86%	0.260%
10	4.828	308	313	322	rVB	120856	235178	0.51%	0.156%
11	5.110	354	361	376	rVB	5724108	8412372	18.33%	5.565%
12	5.245	376	384	396	rBV	14037557	29150498	63.50%	19.284%
13	5.516	423	430	435	rVB	45224	75387	0.16%	0.050%
14	5.604	437	445	454	rVV	9601579	14091293	30.70%	9.322%
15	5.687	454	459	463	rVV2	88370	155954	0.34%	0.103%
16	6.075	515	525	538	rBV2	295879	598200	1.30%	0.396%
17	6.251	547	555	565	rVB	84183	159115	0.35%	0.105%
18	6.416	574	583	587	rBV6	20927	55306	0.12%	0.037%
19	6.557	601	607	616	rVB	774098	1158207	2.52%	0.766%
20	6.663	618	625	630	rVV	3330689	4863223	10.59%	3.217%
21	6.722	630	635	641	rVV	1391838	2013015	4.39%	1.332%
22	6.798	641	648	660	rVB	1502939	2270558	4.95%	1.502%
23	6.963	666	676	689	rBV	1402773	2187194	4.76%	1.447%
24	7.122	698	703	708	rBV2	51818	92039	0.20%	0.061%
25	7.222	713	720	732	rVV	5739951	8528110	18.58%	5.641%
26	7.434	751	756	758	rBV2	38565	55369	0.12%	0.037%
27	7.463	758	761	770	rVB3	46355	83067	0.18%	0.055%
28	7.581	775	781	791	rBV2	418803	803835	1.75%	0.532%
29	7.681	791	798	807	rBV	1597593	2438818	5.31%	1.613%
30	7.875	827	831	836	rBV	167219	263631	0.57%	0.174%
31	7.939	836	842	855	rVB	1151474	1779887	3.88%	1.177%
32	8.051	855	861	866	rBV	159298	241838	0.53%	0.160%
33	8.110	866	871	877	rVB	377256	570915	1.24%	0.378%
34	8.198	877	886	891	rBV	538461	857768	1.87%	0.567%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019532.D
Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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	8.245	891	894	898	rVB3	62688	90949	0.20%	0.060%
36	8.363	909	914	918	rBV	108167	157209	0.34%	0.104%
37	8.510	930	939	944	rBV	300313	479613	1.04%	0.317%
38	8.563	944	948	952	rVV	257743	393749	0.86%	0.260%
39	8.604	952	955	959	rVV2	60588	97178	0.21%	0.064%
40	8.663	959	965	973	rVV	501007	815112	1.78%	0.539%
41	8.745	973	979	991	rVB2	224358	429987	0.94%	0.284%
42	8.992	1015	1021	1029	rBV	132539	253939	0.55%	0.168%
43	9.181	1044	1053	1059	rBV	257094	412788	0.90%	0.273%
44	9.245	1059	1064	1075	rVB	380662	595843	1.30%	0.394%
45	9.480	1098	1104	1111	rVB4	39437	94685	0.21%	0.063%
46	9.557	1111	1117	1120	rBV2	30015	54483	0.12%	0.036%
47	9.604	1120	1125	1132	rVB	279831	434292	0.95%	0.287%
48	9.751	1138	1150	1156	rBV2	556115	981084	2.14%	0.649%
49	9.816	1157	1161	1165	rVB3	50625	82759	0.18%	0.055%
50	9.898	1165	1175	1179	rBV8	20612	51007	0.11%	0.034%
51	9.992	1186	1191	1198	rBV3	72108	158695	0.35%	0.105%
52	10.086	1203	1207	1214	rVB	48244	83579	0.18%	0.055%
53	10.363	1241	1254	1258	rBV	588781	1168696	2.55%	0.773%
54	10.410	1258	1262	1269	rVV	1540607	2545578	5.55%	1.684%
55	10.463	1269	1271	1276	rVB	43169	53963	0.12%	0.036%
56	10.539	1279	1284	1287	rBV2	28922	52487	0.11%	0.035%
57	10.886	1338	1343	1354	rBV8	36592	98904	0.22%	0.065%
58	11.010	1354	1364	1370	rVV3	44153	96225	0.21%	0.064%
59	11.180	1384	1393	1403	rBV	102020	271806	0.59%	0.180%
60	11.269	1403	1408	1412	rVB2	42482	72276	0.16%	0.048%
61	11.463	1436	1441	1450	rVB2	31808	58797	0.13%	0.039%
62	11.686	1474	1479	1484	rBV2	33467	59083	0.13%	0.039%
63	11.792	1492	1497	1503	rVB2	32915	64923	0.14%	0.043%
64	12.033	1528	1538	1551	rBV	581439	933171	2.03%	0.617%
65	12.257	1564	1576	1592	rBV	312395	593852	1.29%	0.393%
66	12.404	1592	1601	1616	rBV	140443	311685	0.68%	0.206%
67	13.398	1763	1770	1771	rBV4	31784	46271	0.10%	0.031%
68	13.427	1771	1775	1780	rVB4	40352	74396	0.16%	0.049%
69	13.551	1791	1796	1802	rVB3	38641	68766	0.15%	0.045%
70	13.610	1802	1806	1810	rVV	34266	46338	0.10%	0.031%
71	13.663	1810	1815	1825	rVB	102417	158978	0.35%	0.105%

LSC Area Percent Report

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Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	13.933	1856	1861	1872	rVB	122834	200387	0.44%	0.133%
73	14.245	1907	1914	1922	rBV2	881372	1399292	3.05%	0.926%
74	15.245	2077	2084	2090	rBV	151095	230710	0.50%	0.153%
75	17.004	2376	2383	2395	rBV	1120369	1651613	3.60%	1.093%
76	17.104	2395	2400	2411	rVB2	157342	246858	0.54%	0.163%
77	17.898	2527	2535	2541	rBV2	56082	88518	0.19%	0.059%
78	19.409	2787	2792	2799	rBV2	199965	288065	0.63%	0.191%
79	21.209	3093	3098	3109	rBV	1587760	2171495	4.73%	1.436%
80	23.274	3444	3449	3460	rVB4	271931	545588	1.19%	0.361%
81	23.415	3467	3473	3482	rVB	1320216	2444575	5.33%	1.617%

Sum of corrected areas: 151167566

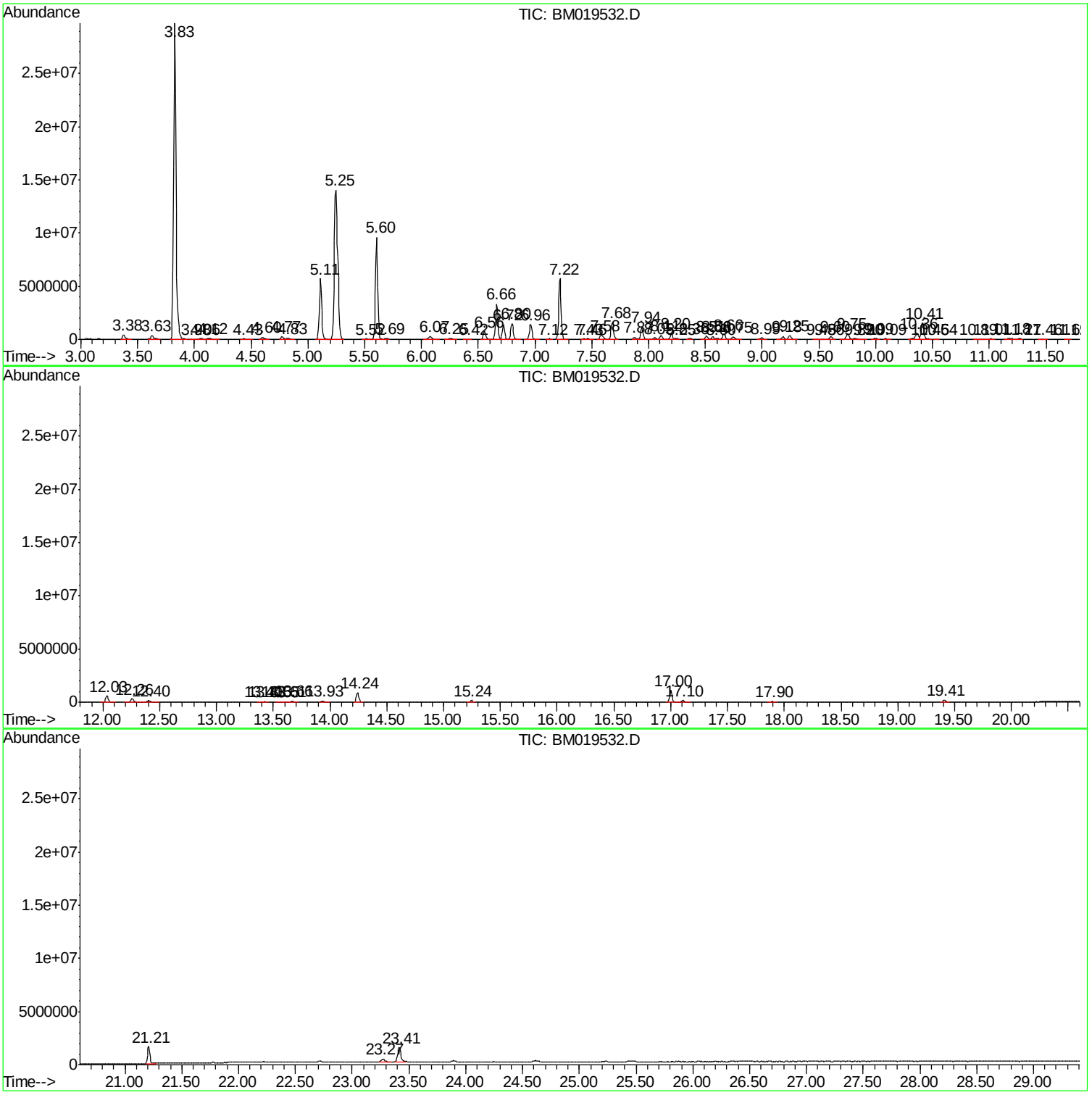
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019532.D
Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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 : BM019532.D
Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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

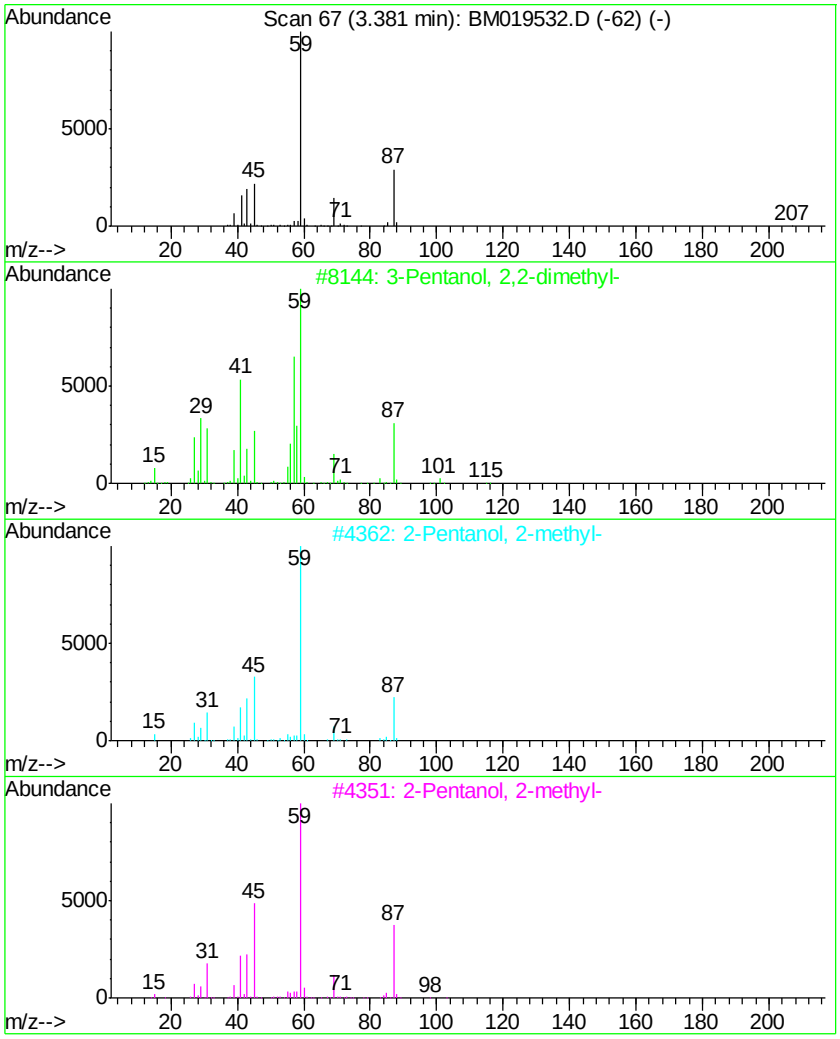
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

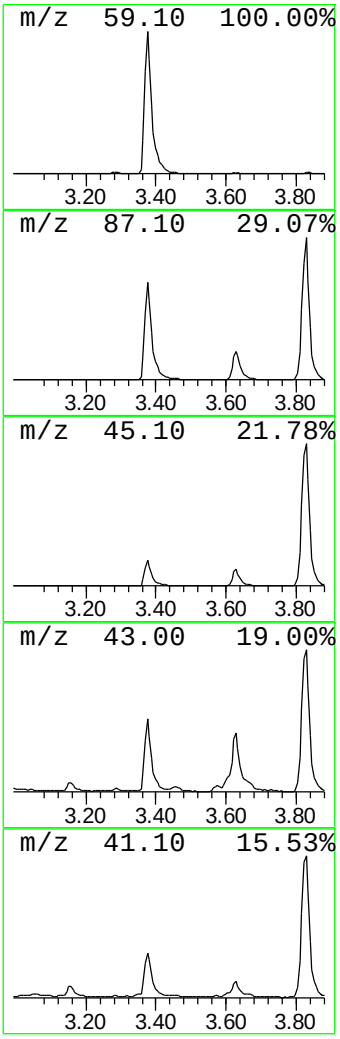
****

Peak Number 1 3-Pentanol, 2,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	14.59 ng/ul	586509	1,4-Dichlorobenzene-d4	7.58

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-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	74
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	72
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019532.D
Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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

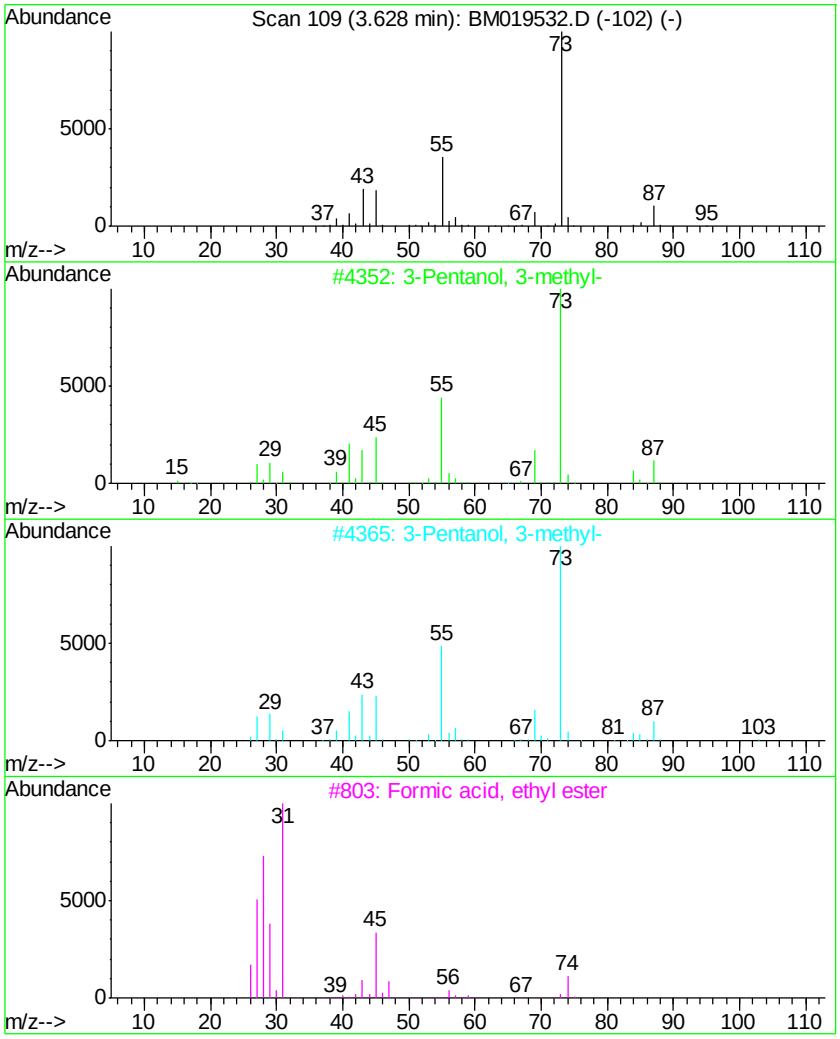
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

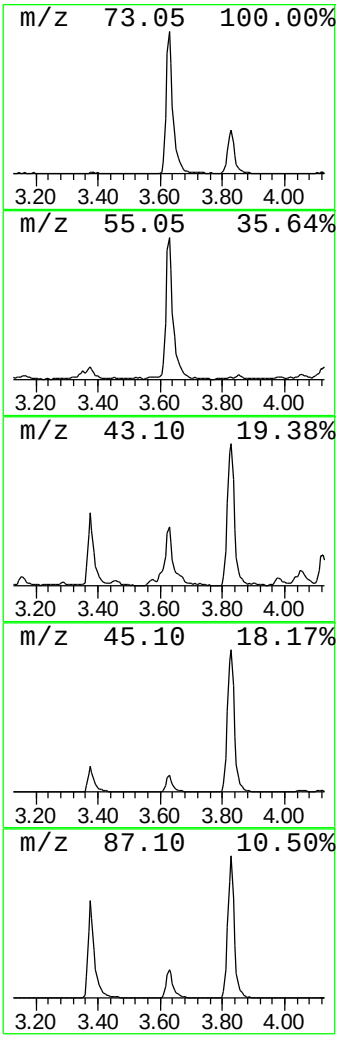
****

Peak Number 2 3-Pentanol, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	14.14 ng/ul	568129	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	56
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
3	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019532.D
Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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

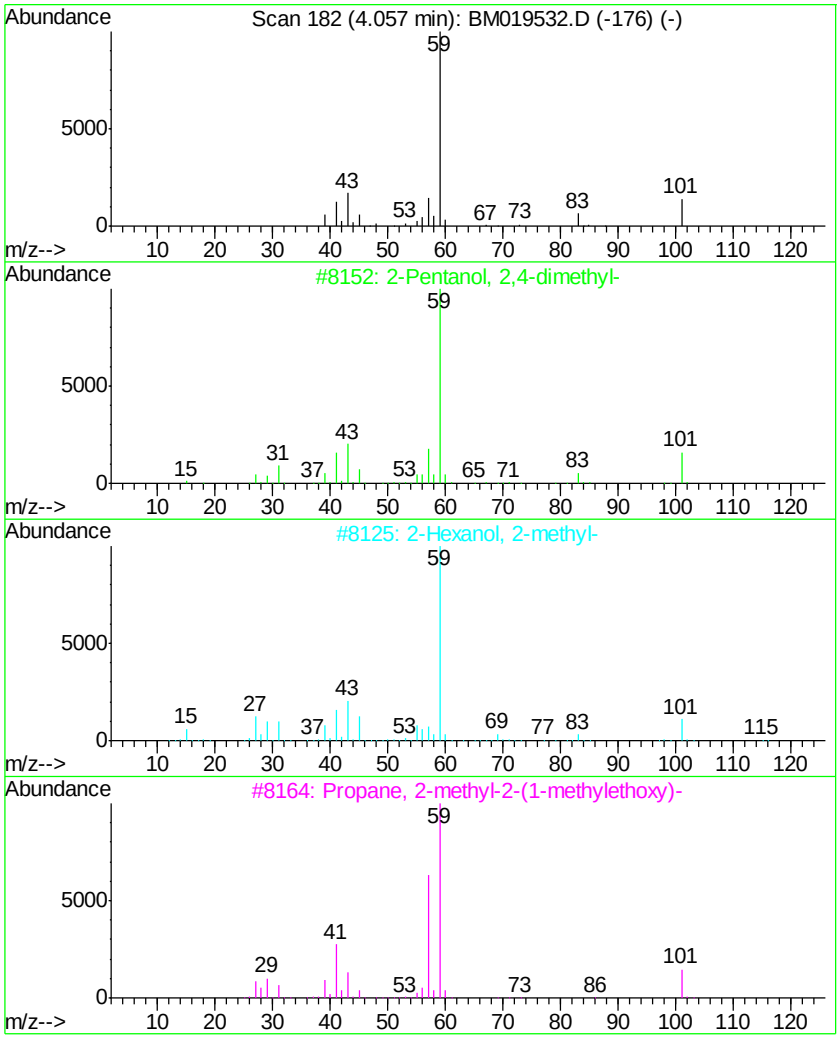
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

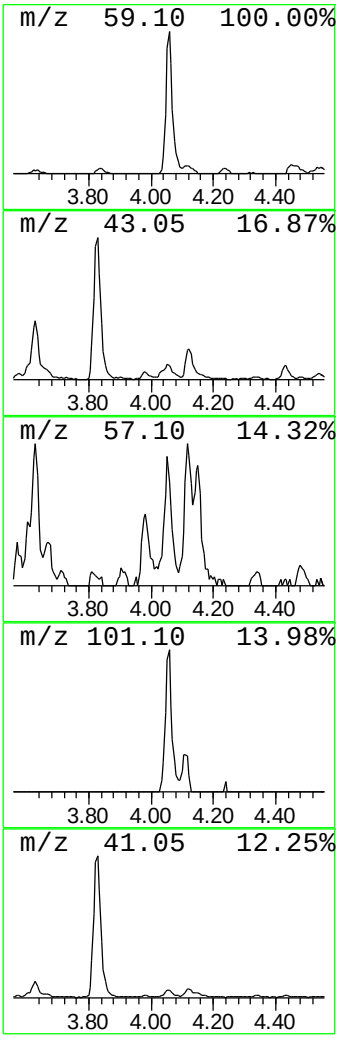
****

Peak Number 4 2-Pentanol, 2,4-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	3.33 ng/ul	134028	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	83
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	72
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	64
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	64
5	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019532.D
Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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

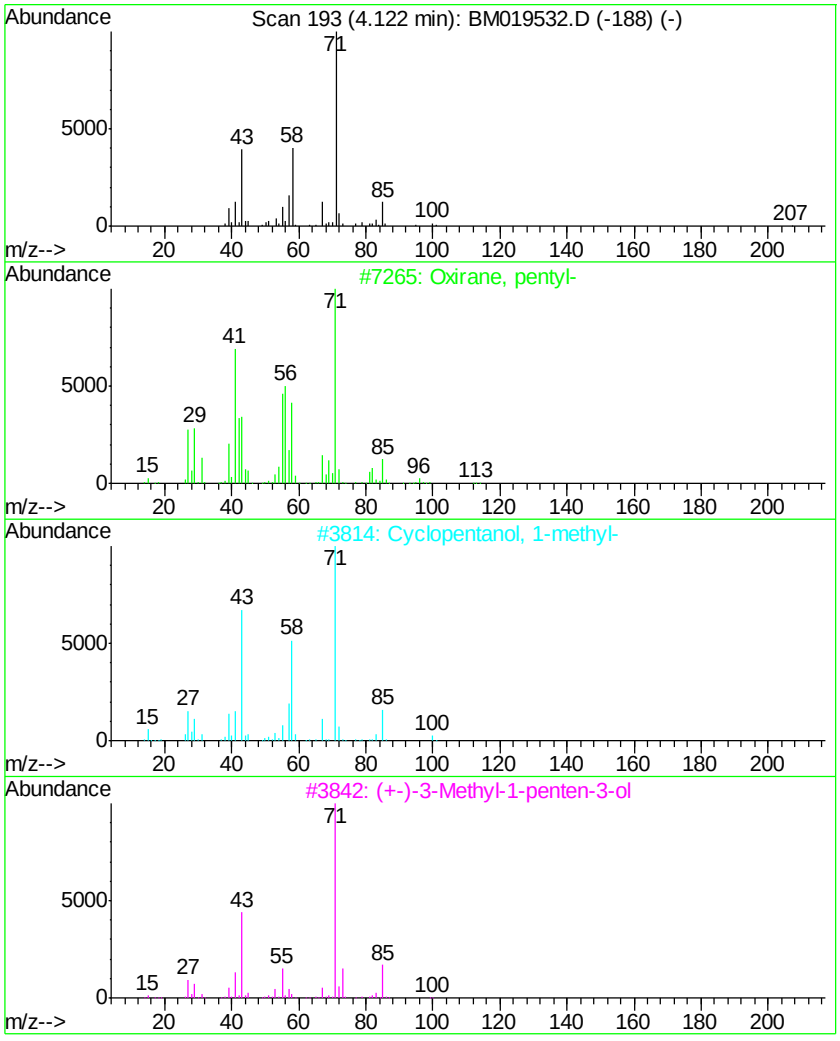
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

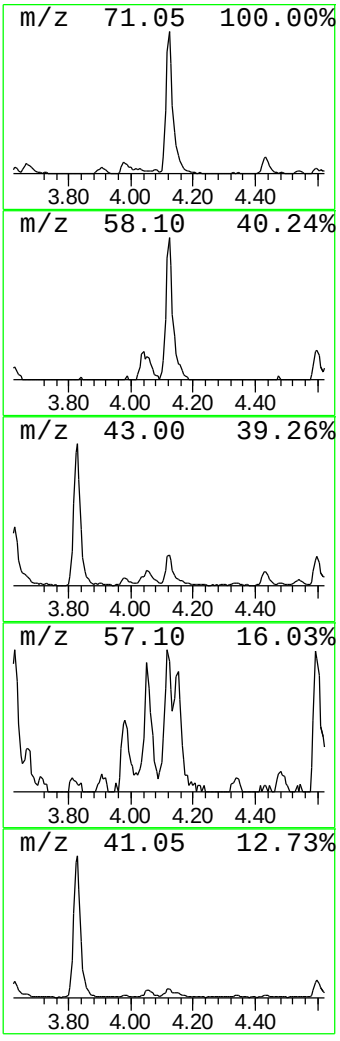
****

Peak Number 5 Oxirane, pentyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	6.23 ng/ul	250467	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, pentyl-	114	C7H14O	005063-65-0	64
2	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	53
3	(+-)-3-Methyl-1-penten-3-ol	100	C6H12O	086361-10-6	50
4	Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	50
5	4-Hexen-3-ol	100	C6H12O	004798-58-7	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019532.D
Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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

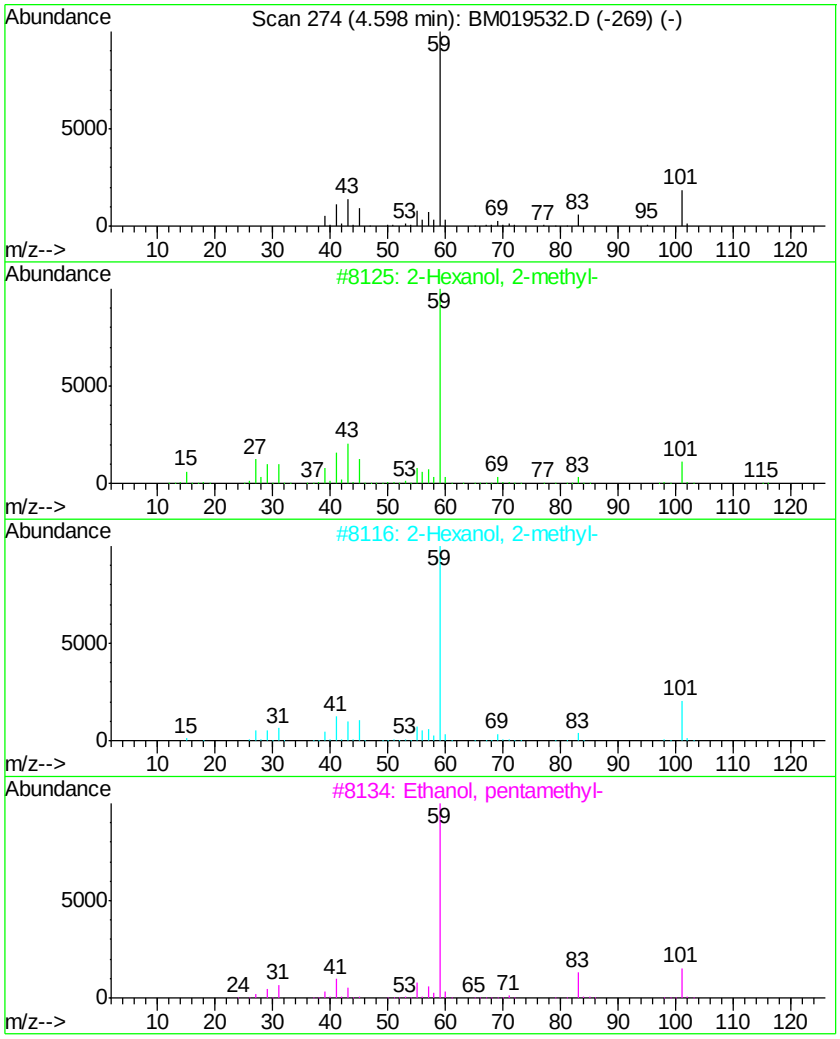
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

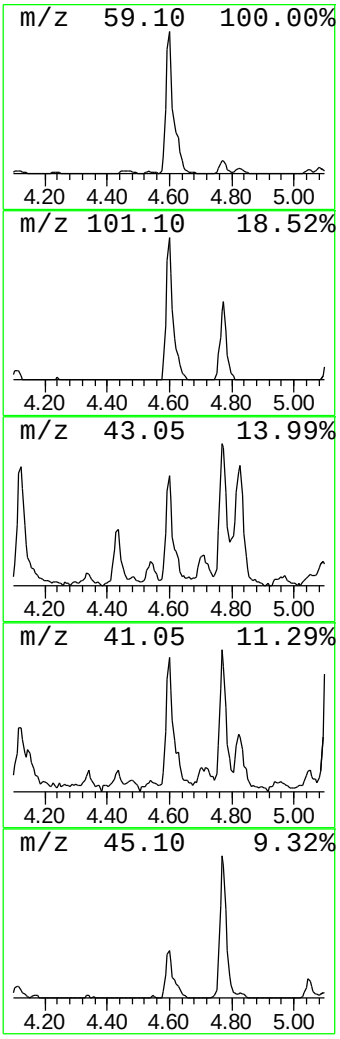
****

Peak Number 7 2-Hexanol, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	8.42 ng/ul	338503	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	78
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	74
3	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	64
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	56
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019532.D
Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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

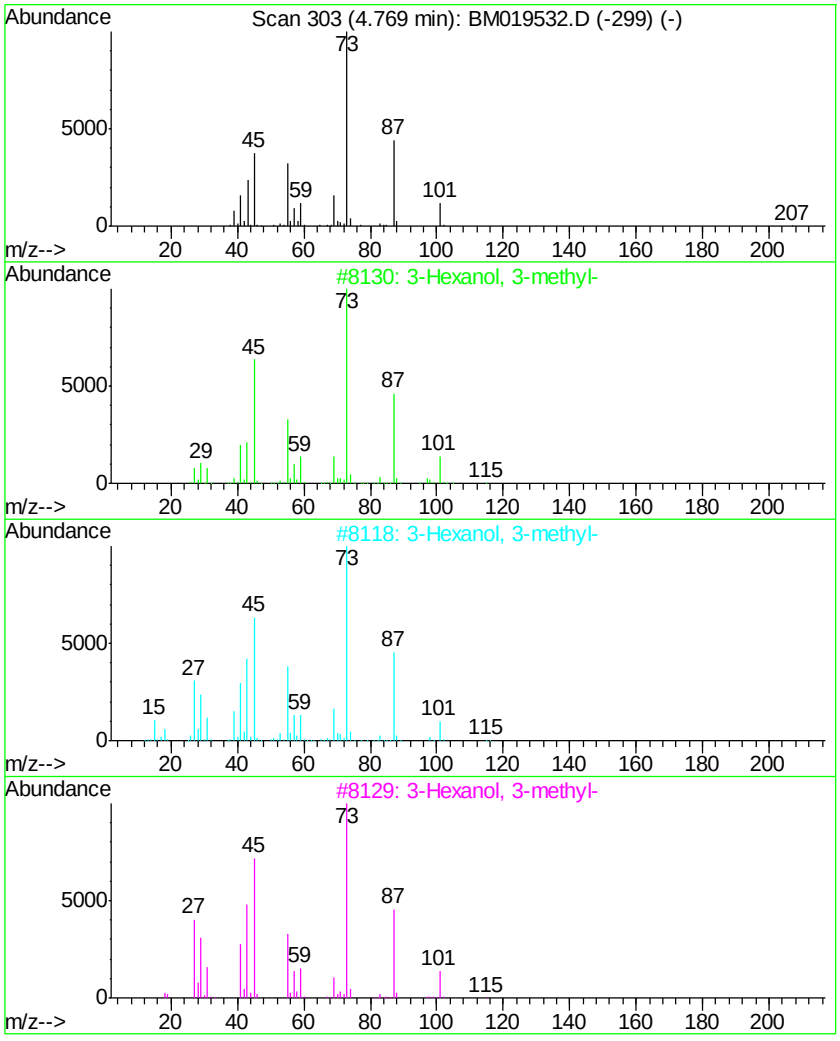
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

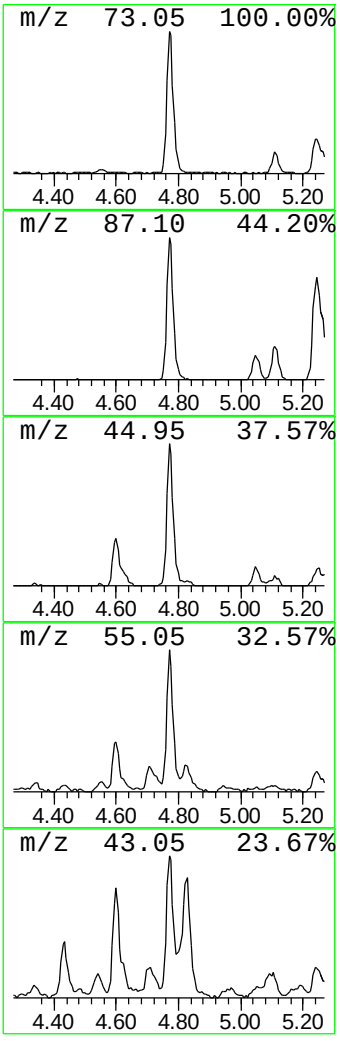
****

Peak Number 8 3-Hexanol, 3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	9.77 ng/ul	392821	1,4-Dichlorobenzene-d4	7.58

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	64
5	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	56





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Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
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Instrument : BNA_M
ClientSampleId : DB6S0DL

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Quant Title : SVOA CALIBRATION

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

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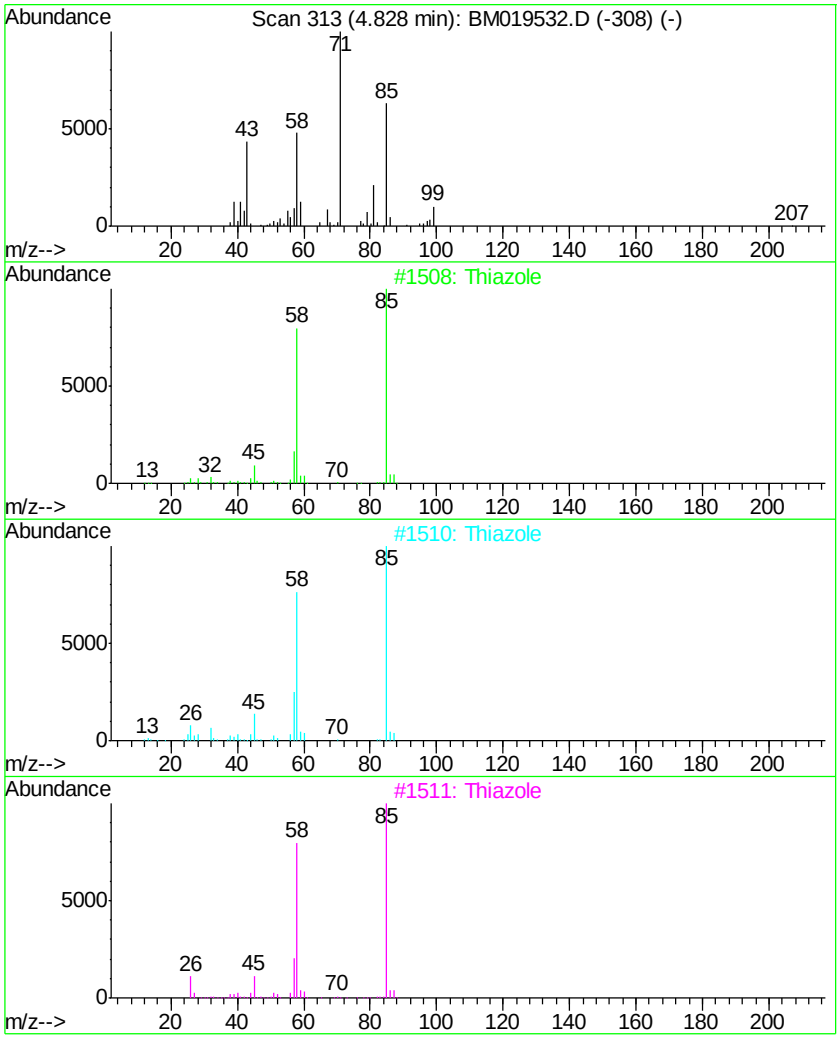
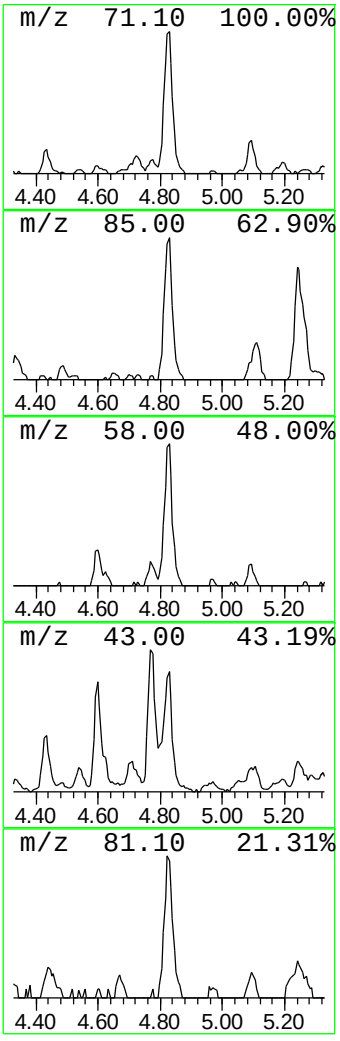
Peak Number 9 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	5.85 ng/ul	235178	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole	85	C3H3NS	000288-47-1	35
2	Thiazole	85	C3H3NS	000288-47-1	27
3	Thiazole	85	C3H3NS	000288-47-1	25
4	3,5,5-Trimethylhexyl S-2-(dimeth...	337	C16H36NO2PS	1000298-41-6	17
5	Tetrahydrofuran, 2-propyl-	114	C7H14O	003208-22-8	16





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Sample : K2063-13DL 10X
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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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Quant Title : SVOA CALIBRATION

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

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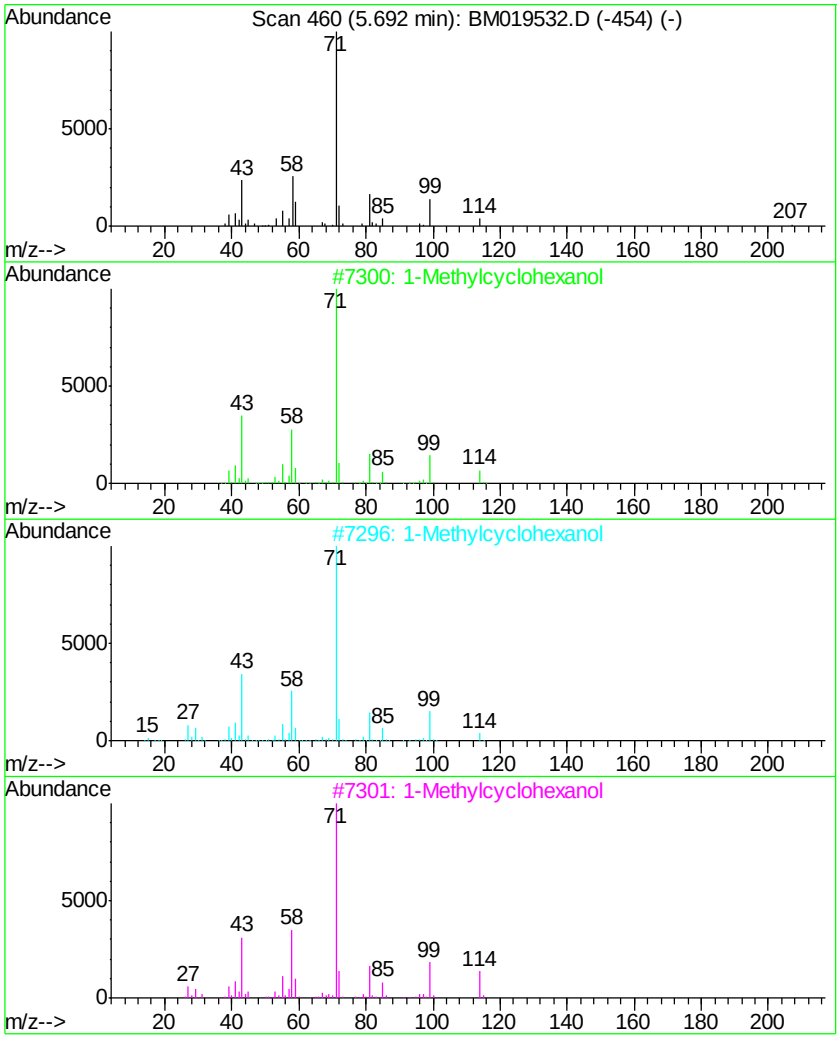
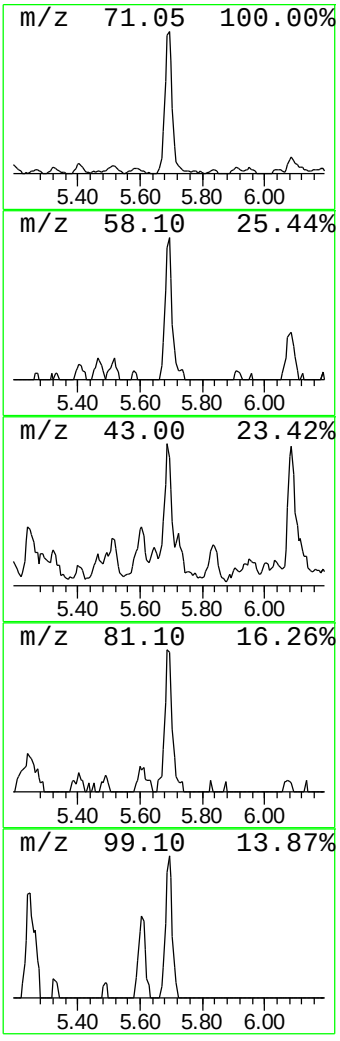
Peak Number 13 1-Methylcyclohexanol Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	3.88 ng/ul	155954	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcyclohexanol	114	C7H14O	000590-67-0	87
2	1-Methylcyclohexanol	114	C7H14O	000590-67-0	83
3	1-Methylcyclohexanol	114	C7H14O	000590-67-0	78
4	1-Methylcyclohexanol	114	C7H14O	000590-67-0	56
5	trans-2-Methyl-4-hexen-3-ol	114	C7H14O	096346-76-8	47





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Quant Title : SVOA CALIBRATION

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

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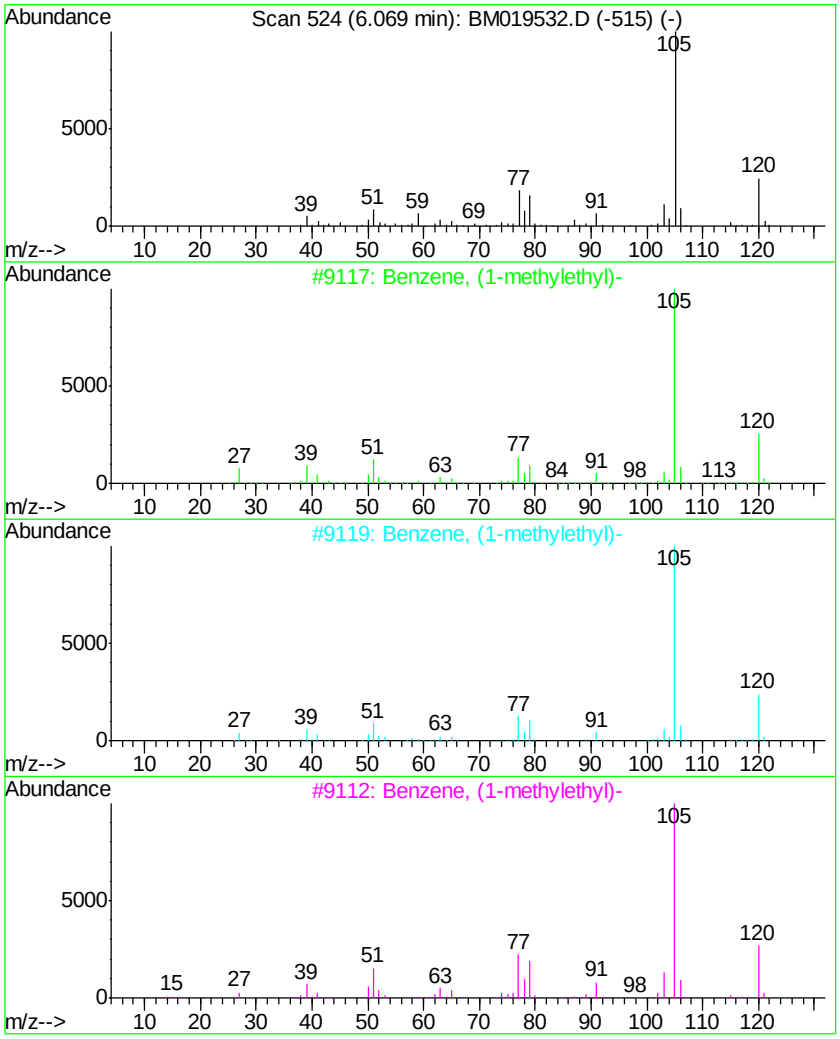
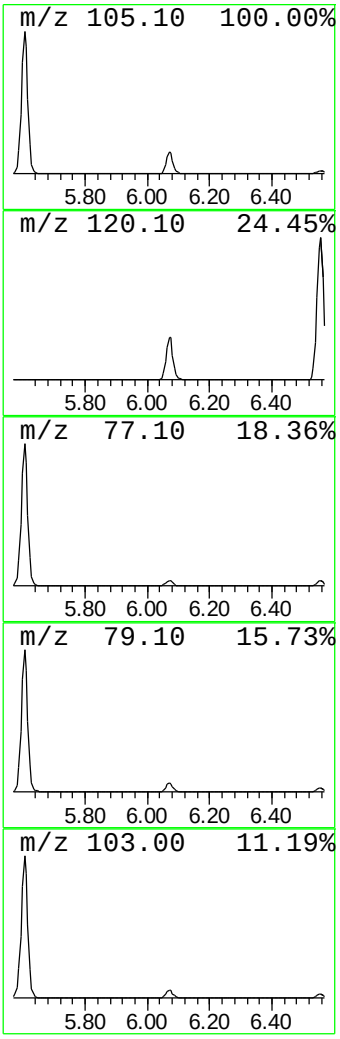
Peak Number 14 Benzene, (1-methylethyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	14.88 ng/ul	598200	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	76
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	59





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Sample : K2063-13DL 10X
Misc :
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Instrument : BNA_M
ClientSampleId : DB6S0DL

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Quant Title : SVOA CALIBRATION

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

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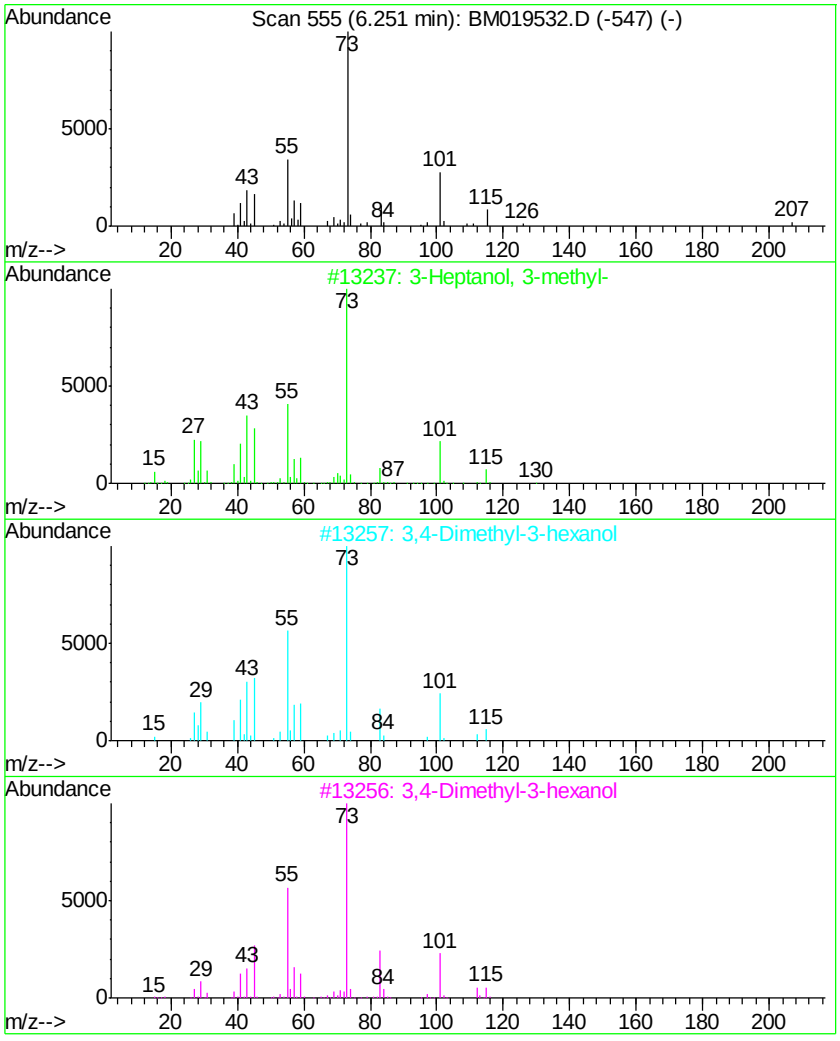
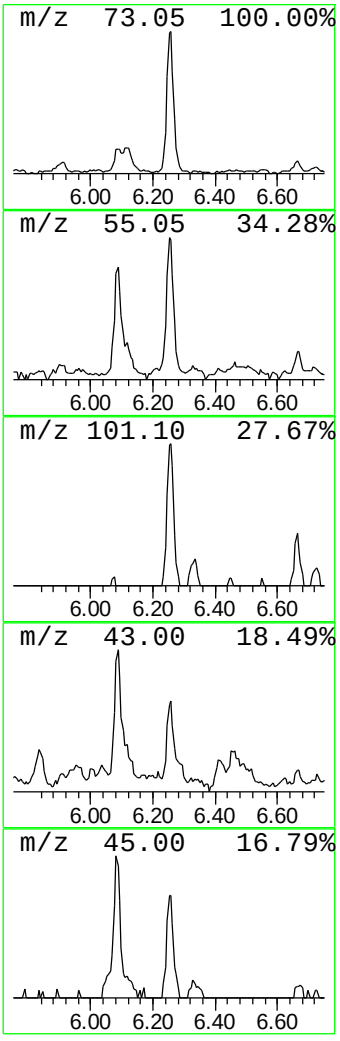
Peak Number 15 3-Heptanol, 3-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	3.96 ng/ul	159115	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	78
2	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	53
3	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	50
4	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	50
5	3-Hexanol, 3,5-dimethyl-	130	C8H18O	004209-91-0	42





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Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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Quant Title : SVOA CALIBRATION

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

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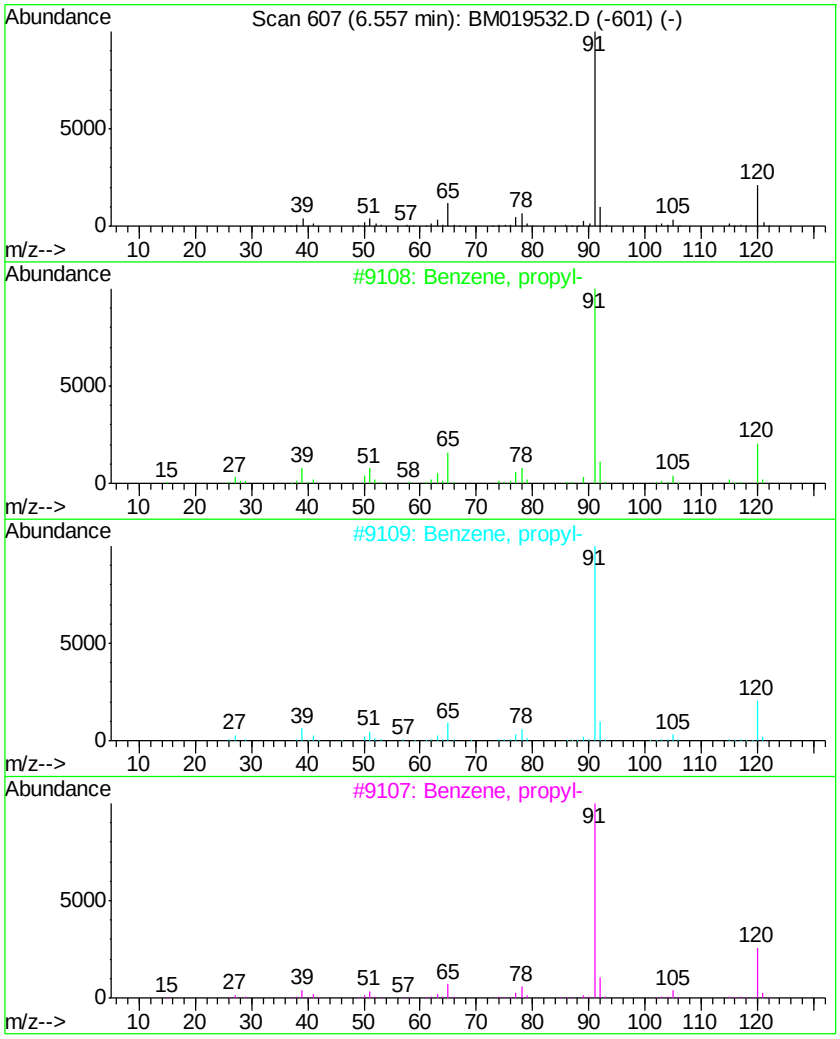
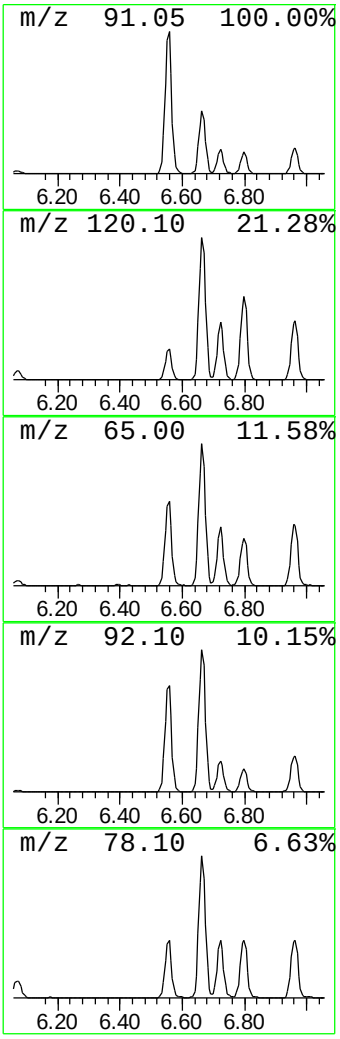
Peak Number 16 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	28.82 ng/ul	1158210	1,4-Dichlorobenzene-d4	7.58

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,N'-bis(phen...	240	C16H20N2	000140-28-3	72





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Sample : K2063-13DL 10X
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ClientSampleId : DB6S0DL

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Quant Title : SVOA CALIBRATION

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

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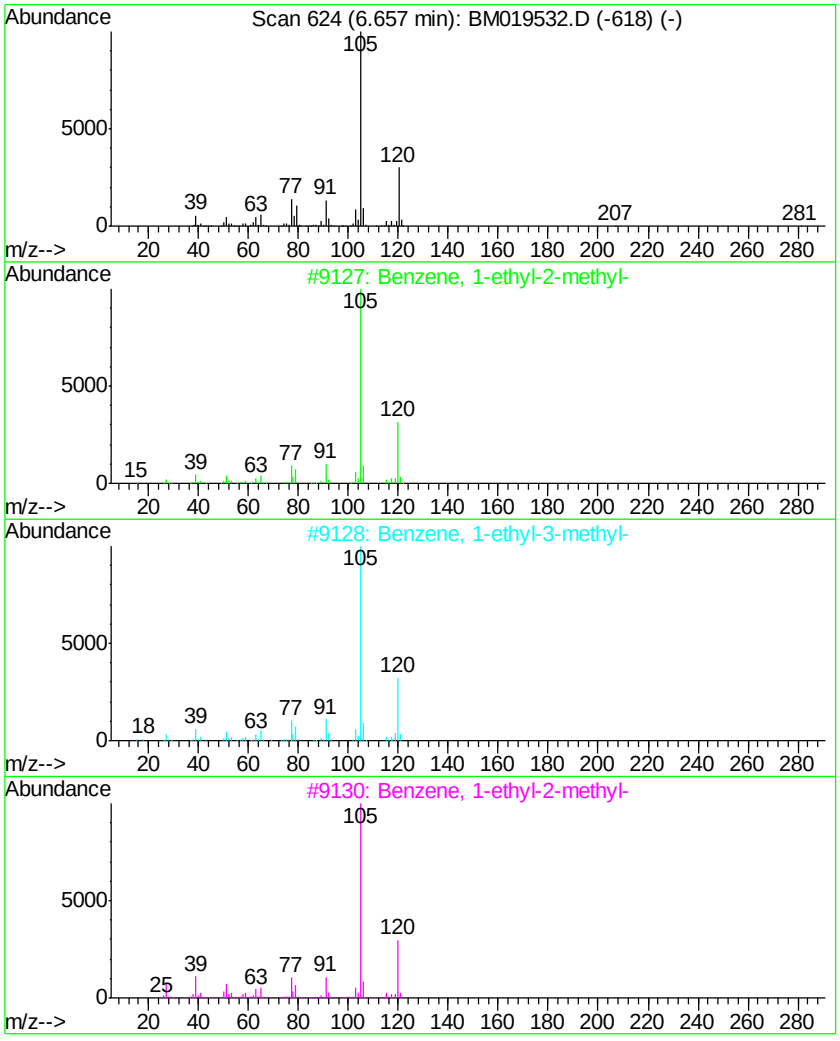
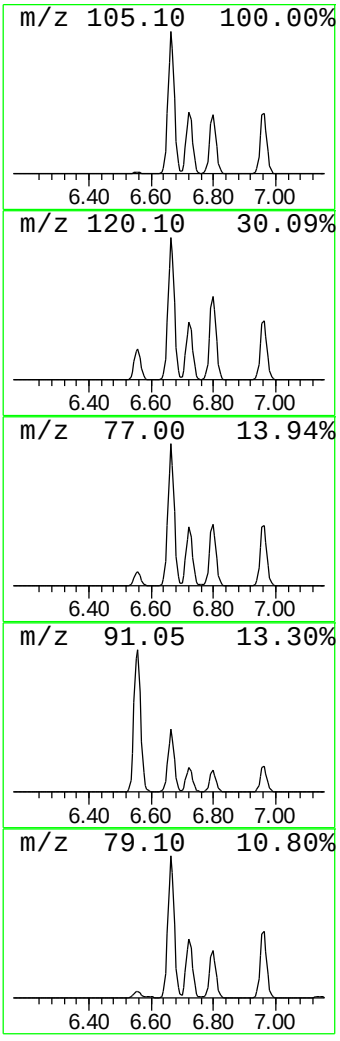
Peak Number 17 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	121.00 ng/ul	4863220	1,4-Dichlorobenzene-d4	7.58

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-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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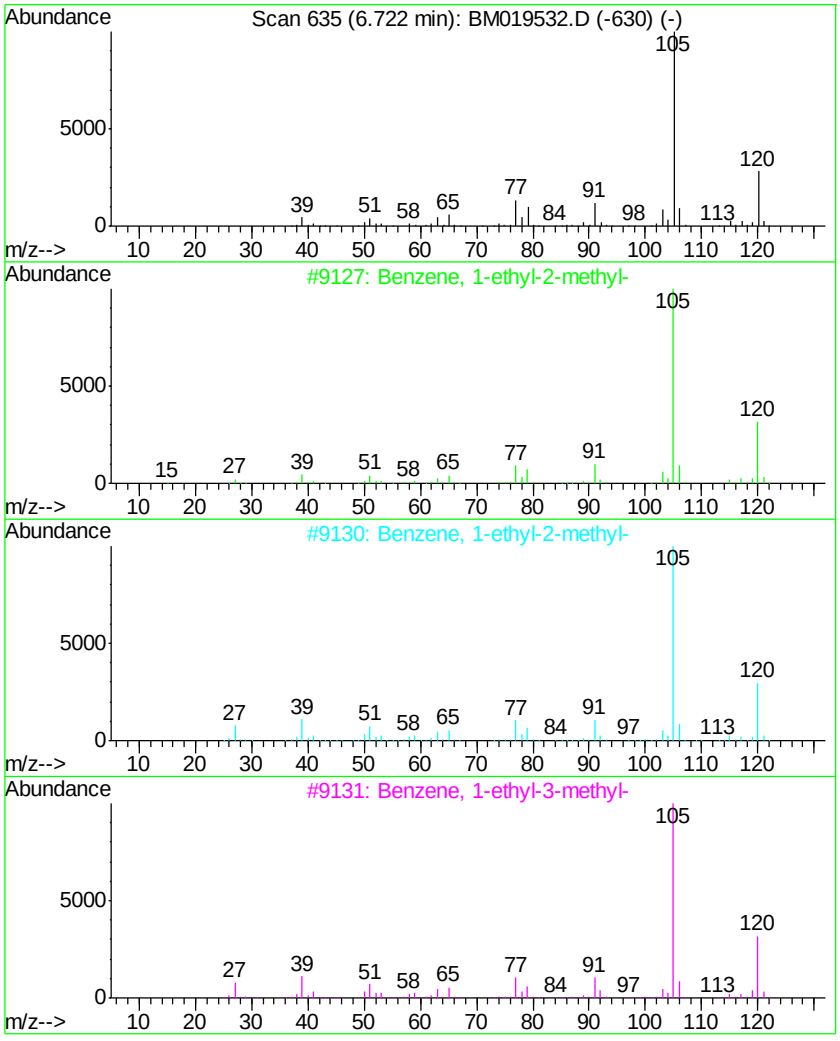
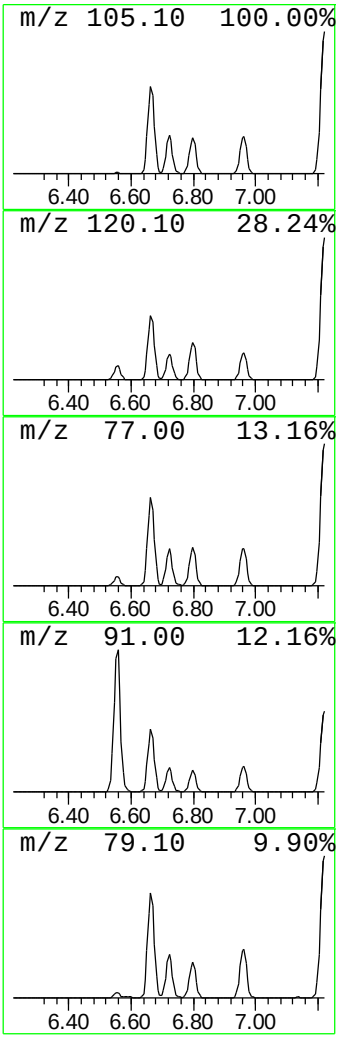
Peak Number 18 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	50.09 ng/ul	2013020	1,4-Dichlorobenzene-d4	7.58

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-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Misc :
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Quant Title : SVOA CALIBRATION

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

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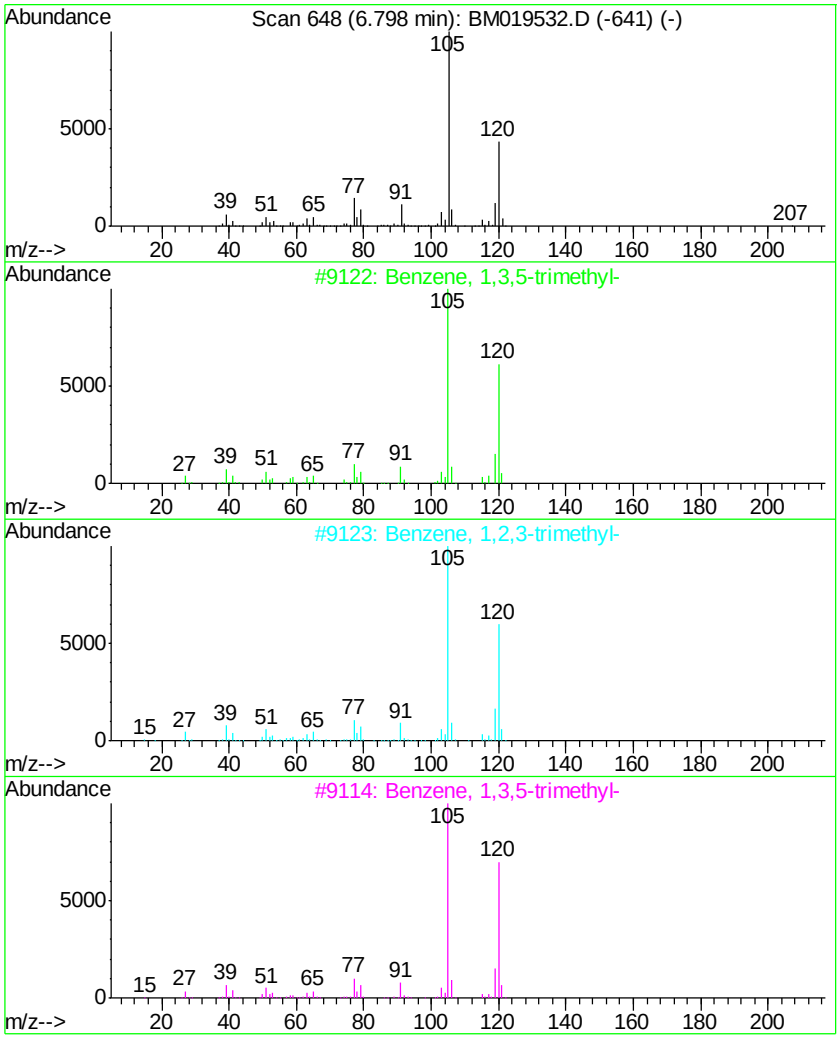
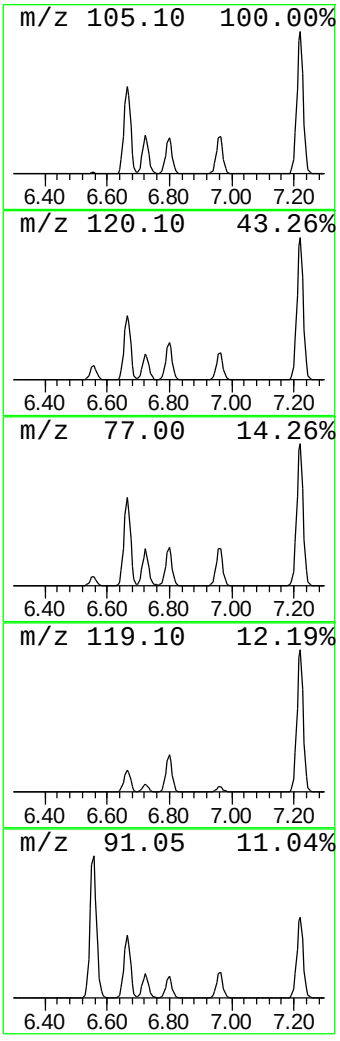
Peak Number 19 Benzene, 1,3,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	56.49 ng/ul	2270560	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





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Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId : DB6S0DL

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Quant Title : SVOA CALIBRATION

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

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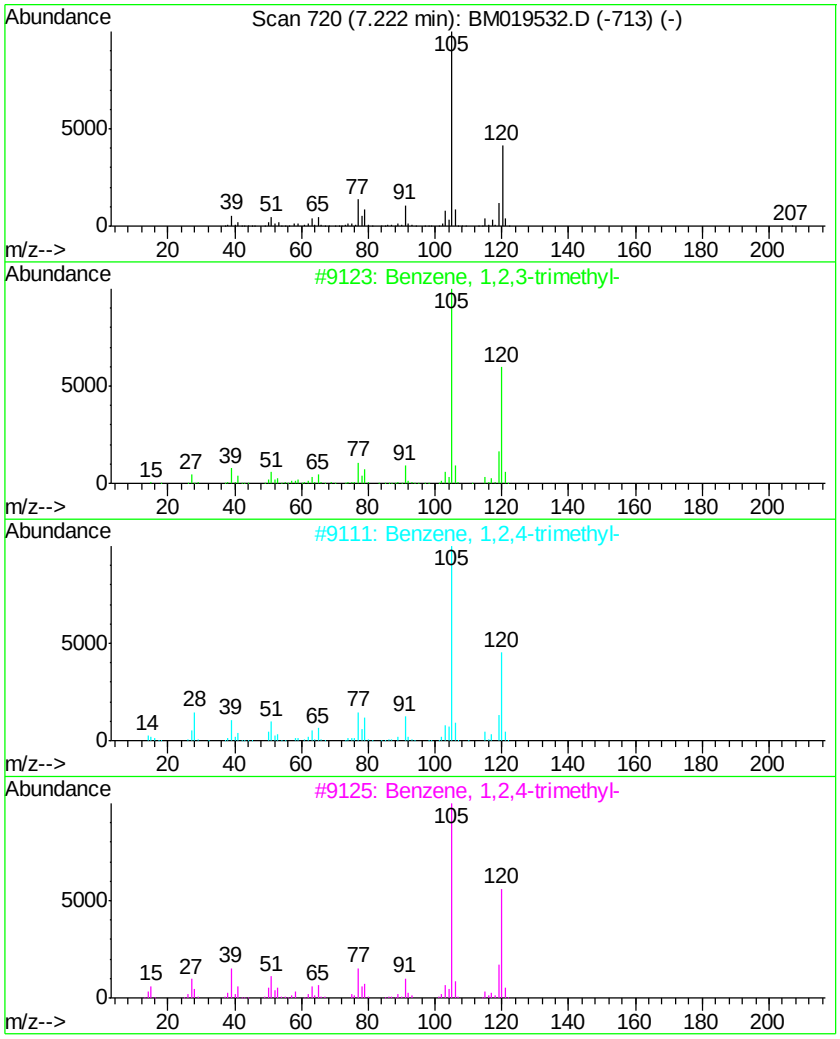
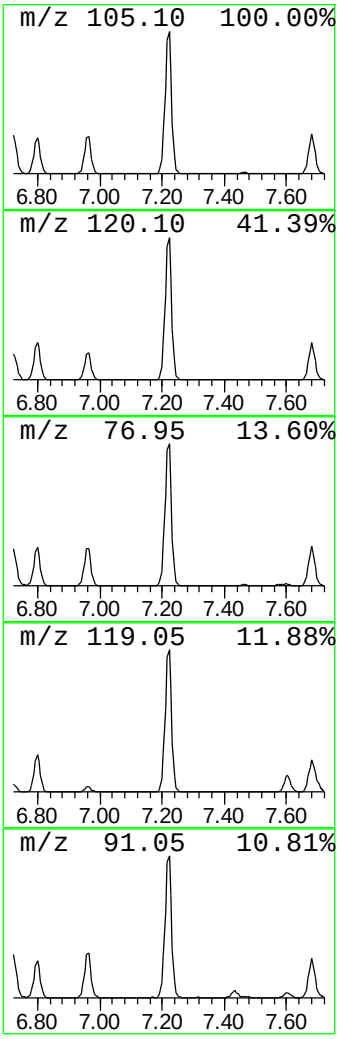
Peak Number 20 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	212.19 ng/ul	8528110	1,4-Dichlorobenzene-d4	7.58

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Quant Title : SVOA CALIBRATION

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

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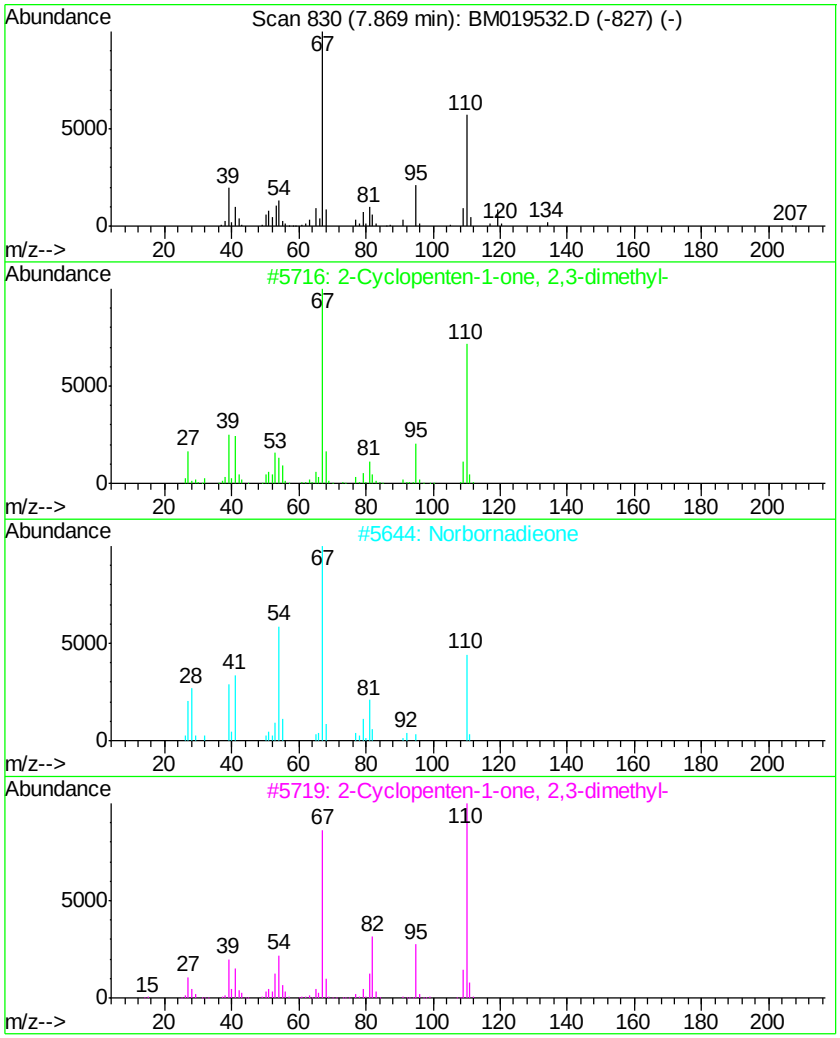
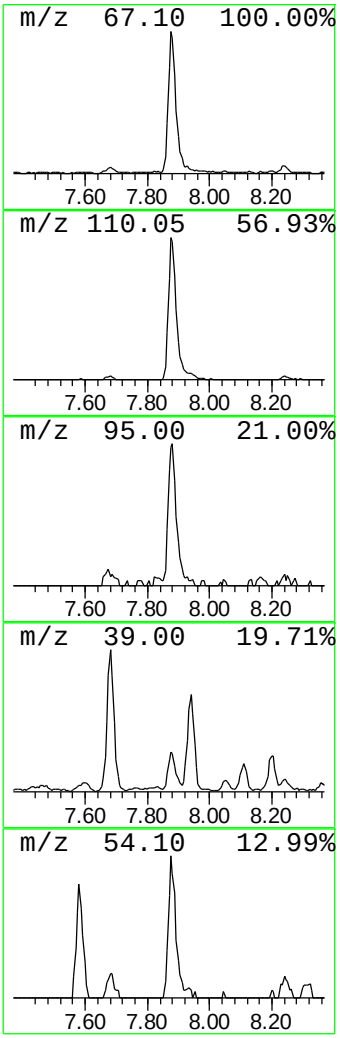
Peak Number 23 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	6.56 ng/ul	263631	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	83
2	Norbornadieone	110	C7H10O	010218-02-7	64
3	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	62
4	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	60
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	47





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Quant Title : SVOA CALIBRATION

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

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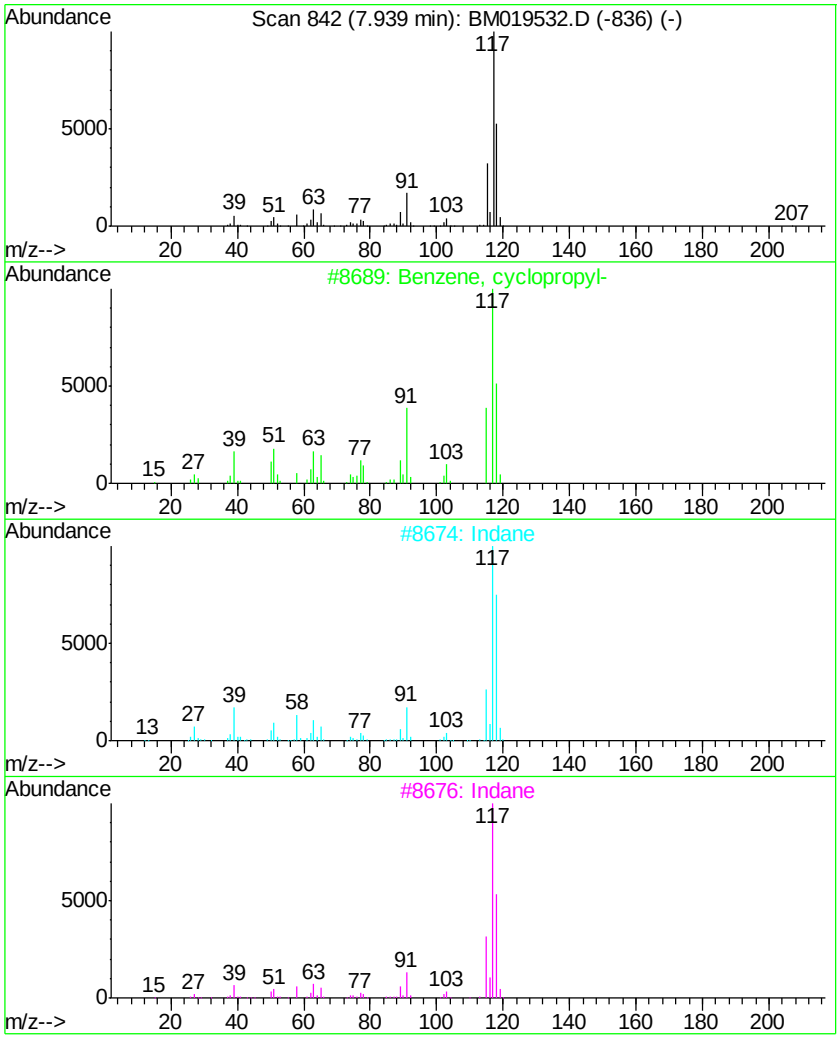
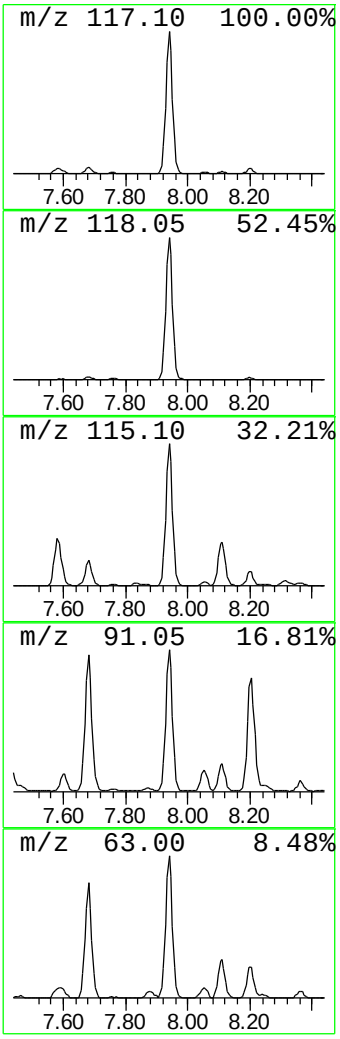
Peak Number 24 Benzene, cyclopropyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	44.28 ng/ul	1779890	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	Indane	118	C9H10	000496-11-7	83
5	Deltacyclene	118	C9H10	007785-10-6	74





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Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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

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

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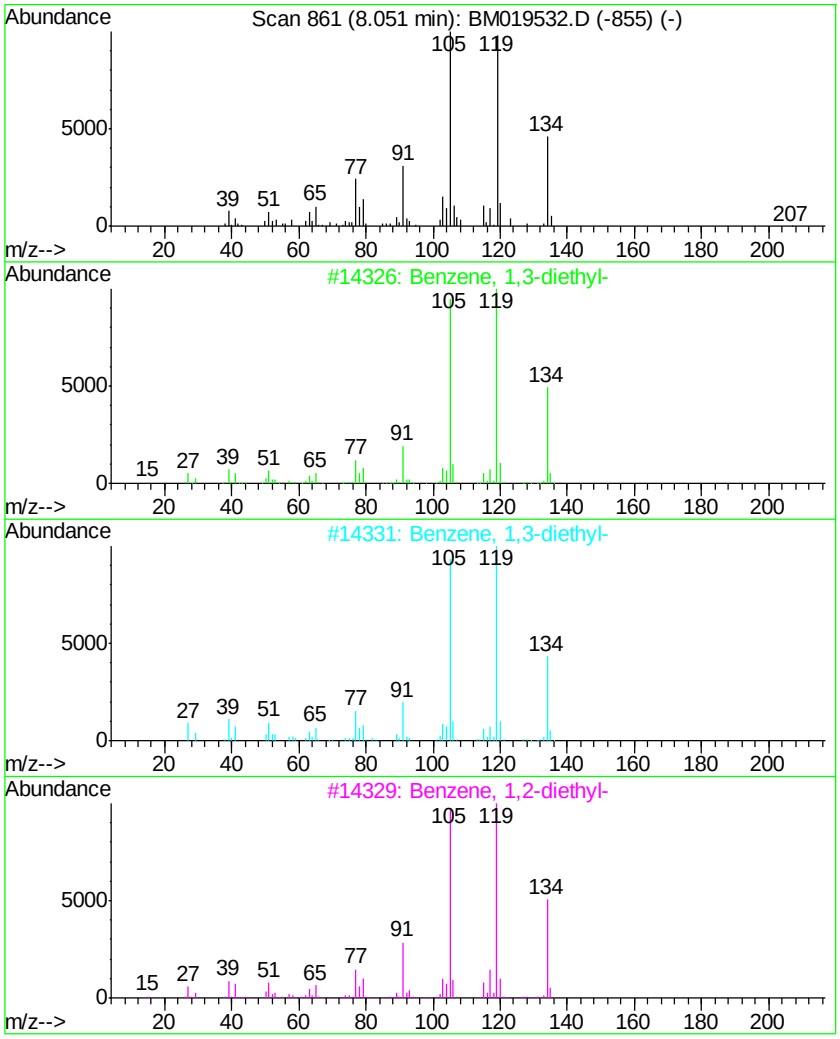
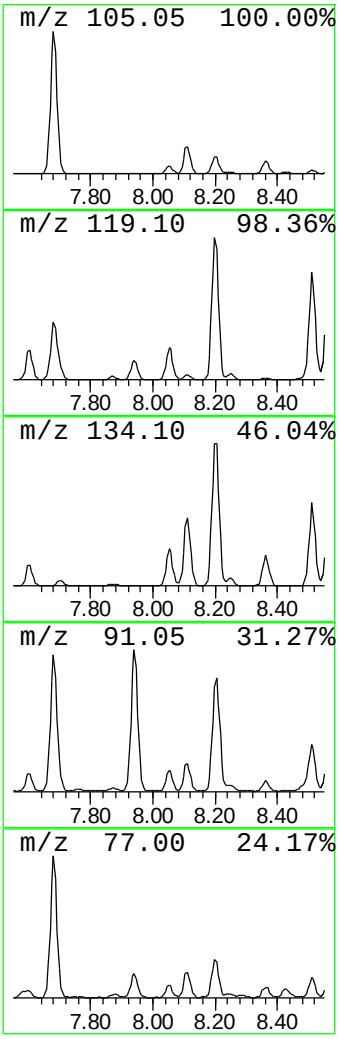
Peak Number 25 Benzene, 1,3-diethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	6.02 ng/ul	241838	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019532.D
Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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

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

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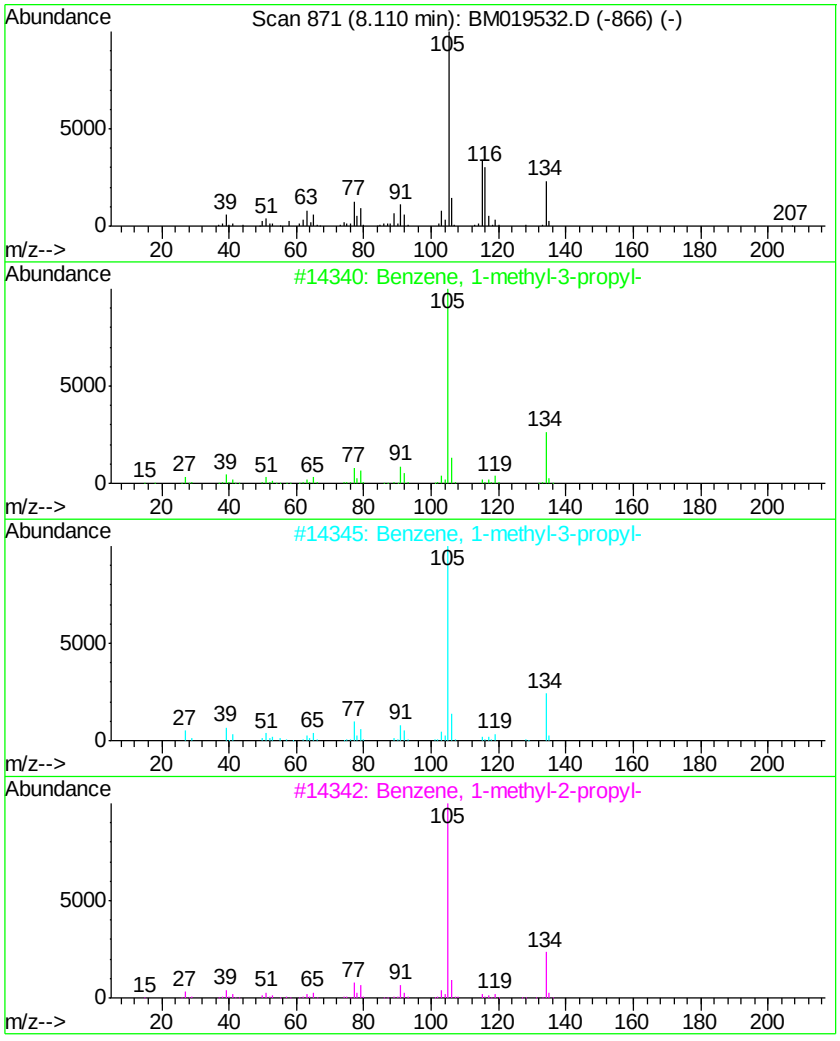
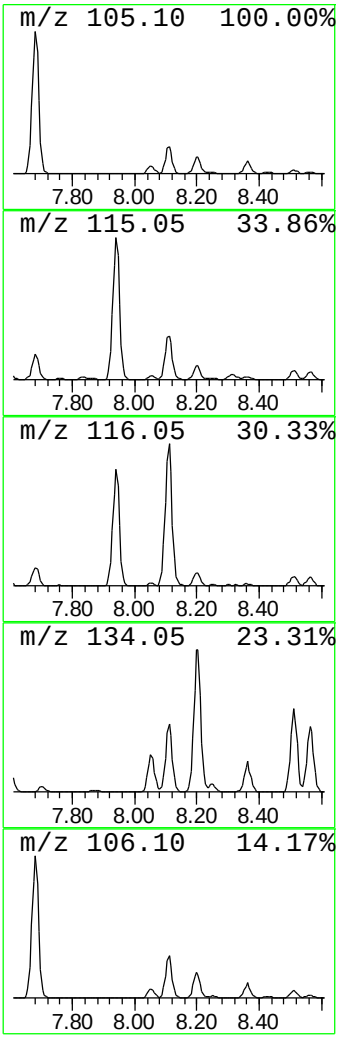
Peak Number 26 Benzene, 1-methyl-3-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	14.20 ng/ul	570915	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	60
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	60
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019532.D
Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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

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

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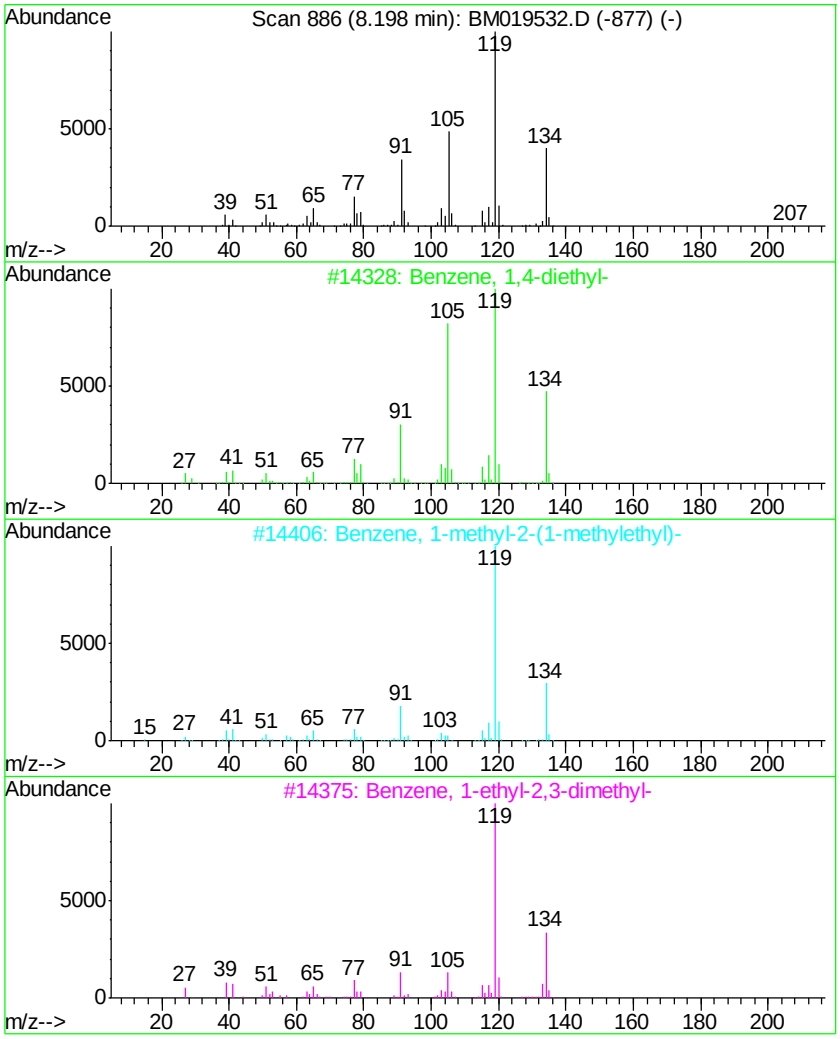
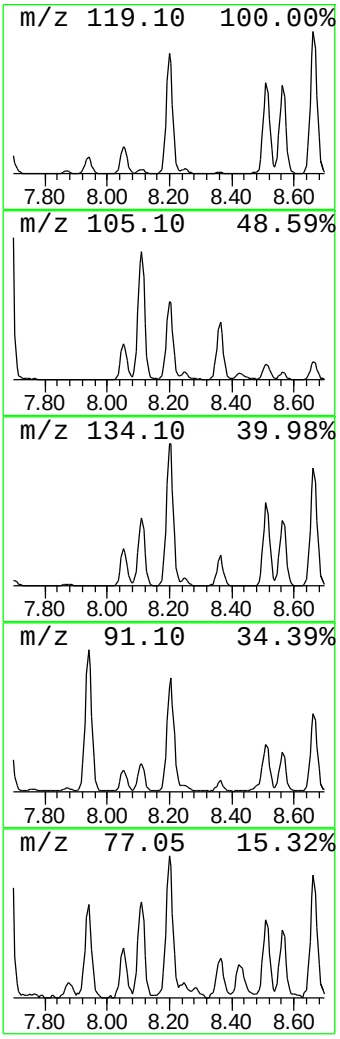
Peak Number 27 Benzene, 1,4-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	21.34 ng/ul	857768	1,4-Dichlorobenzene-d4	7.58

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-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019532.D
Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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

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

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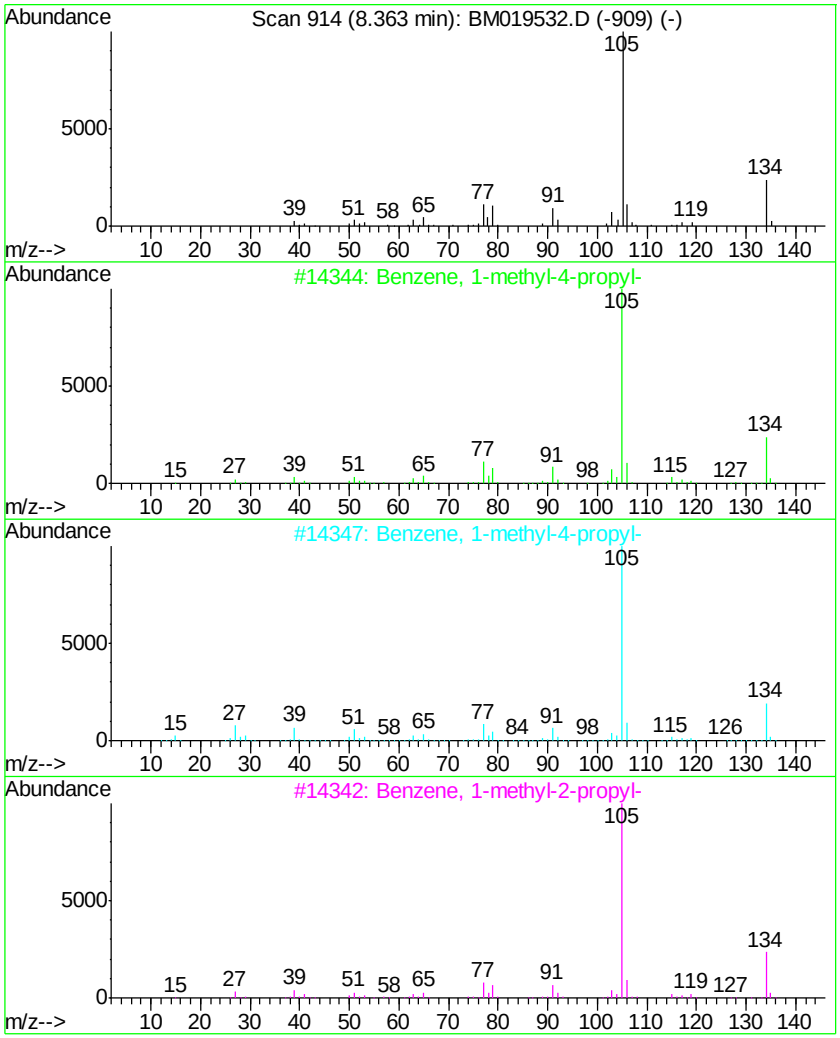
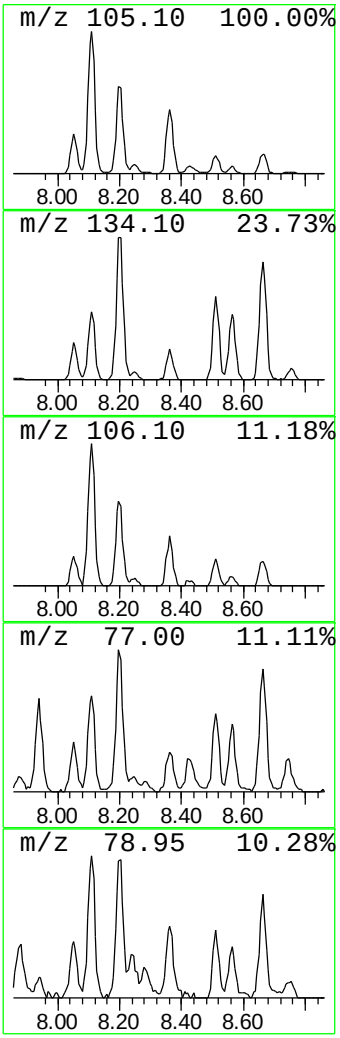
Peak Number 29 Benzene, 1-methyl-4-propyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	3.91 ng/ul	157209	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019532.D
Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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

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

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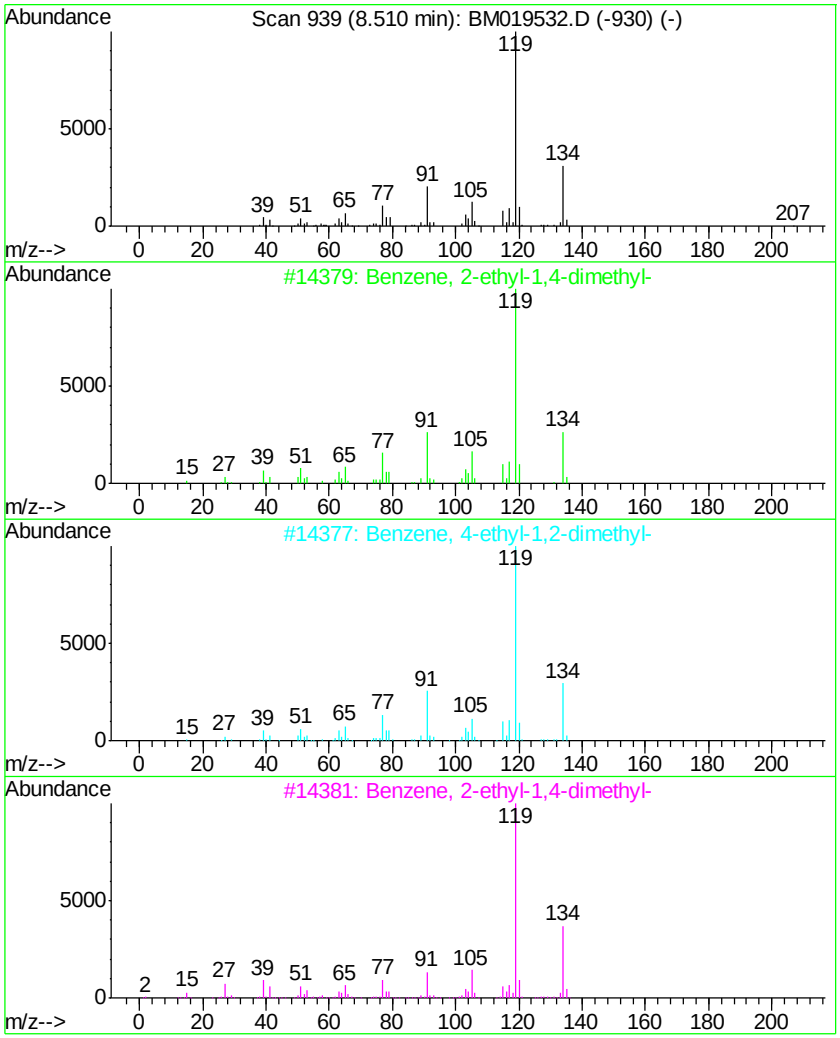
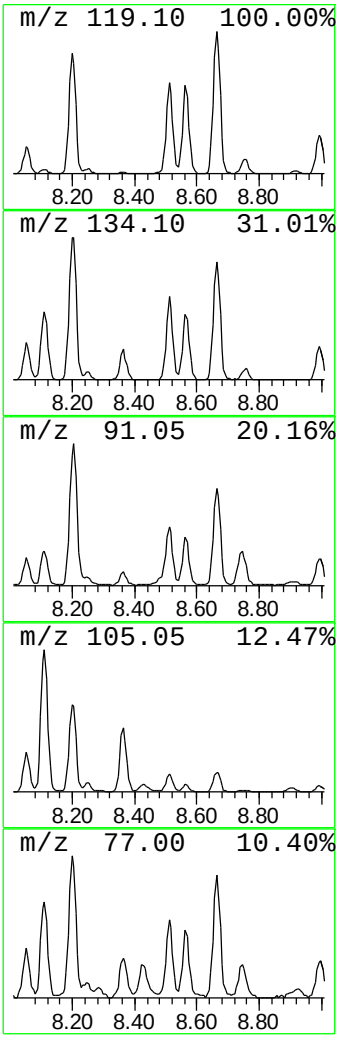
Peak Number 30 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	11.93 ng/ul	479613	1,4-Dichlorobenzene-d4	7.58

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, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019532.D
Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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

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

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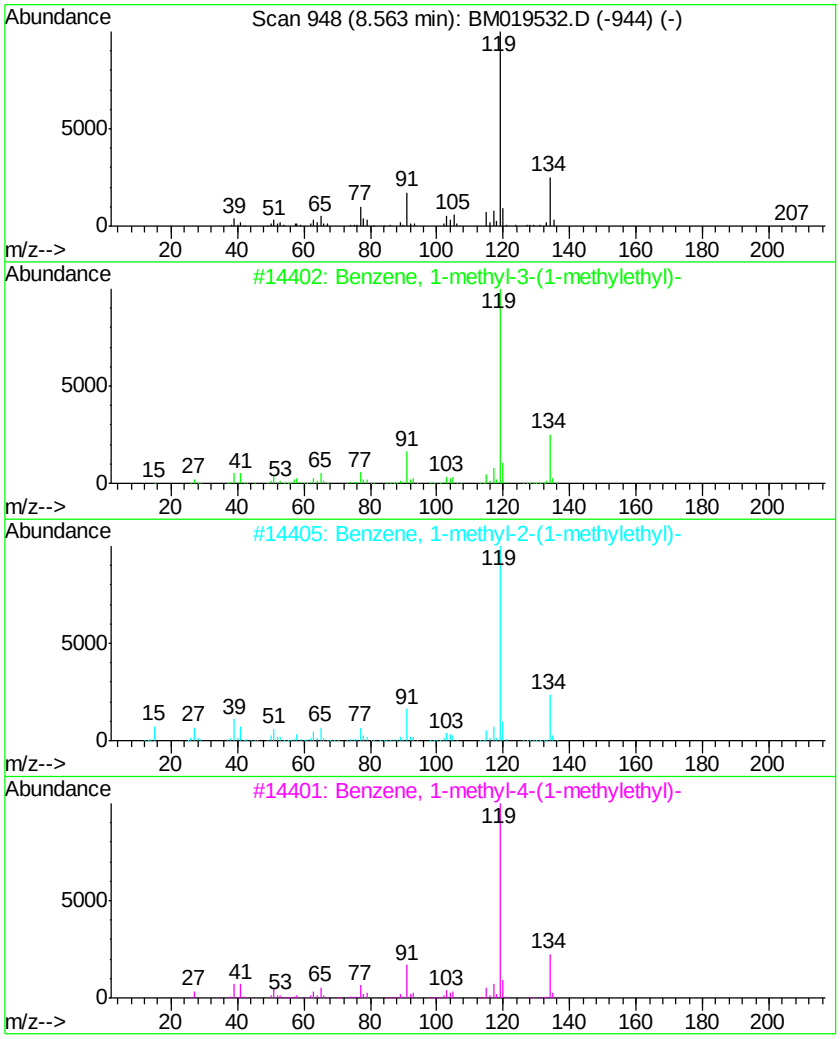
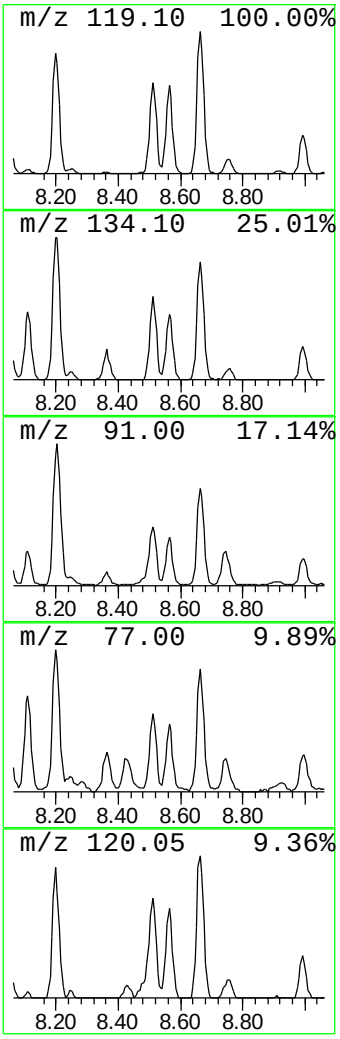
Peak Number 31 Benzene, 1-methyl-3-(1-meth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	9.80 ng/ul	393749	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019532.D
Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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

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

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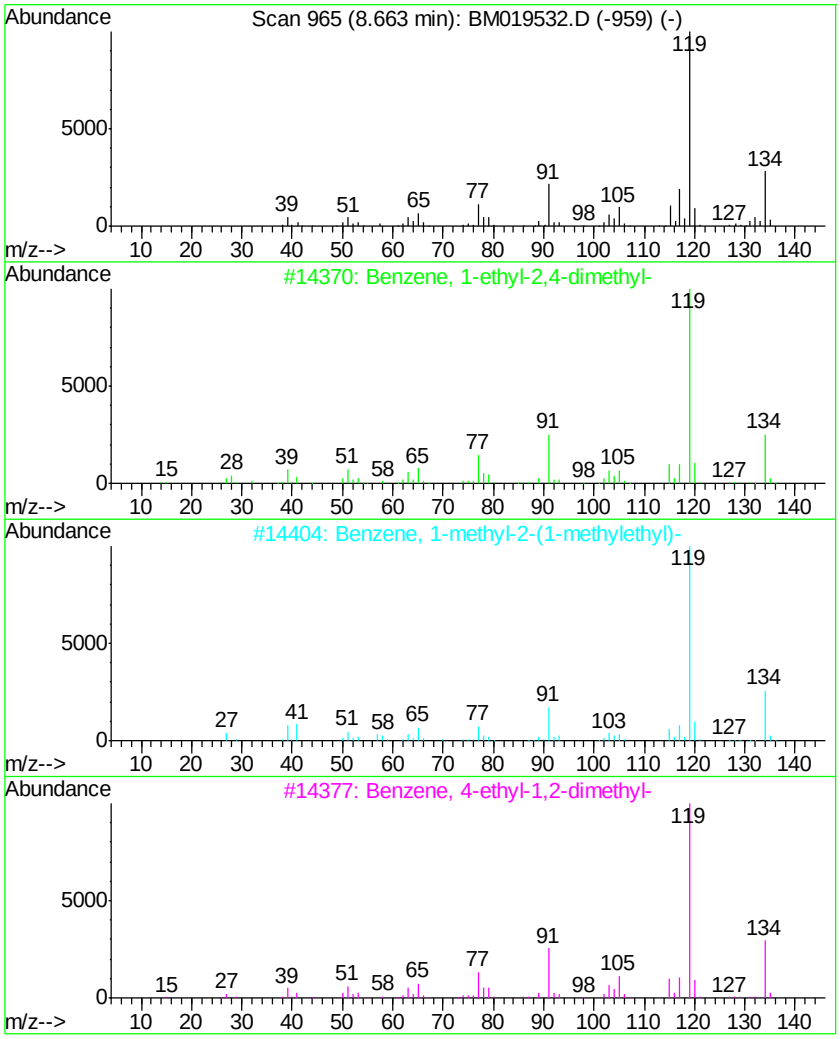
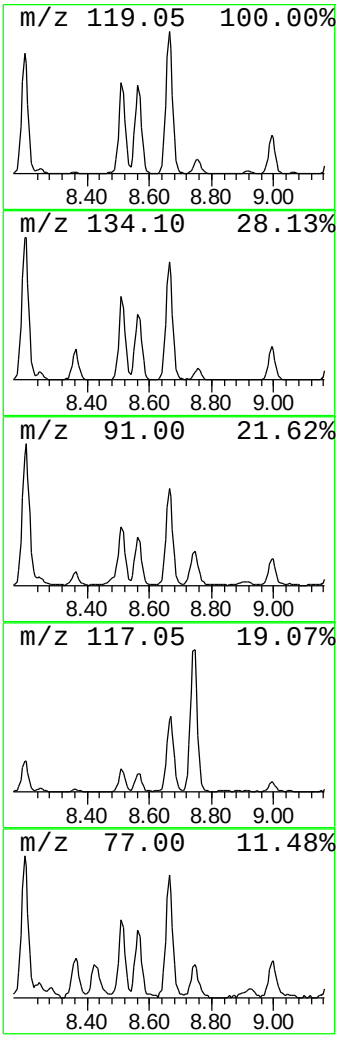
Peak Number 33 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	20.28 ng/ul	815112	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019532.D
Acq On : 28 Mar 2019 07:44
Operator : JU/SJ
Sample : K2063-13DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0DL

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	14.6	ng/ul	586509	1	7.58	803835	20.0
3-Pentanol, 3-met...	3.63	14.1	ng/ul	568129	1	7.58	803835	20.0
2-Pentanol, 2,4-d...	4.06	3.3	ng/ul	134028	1	7.58	803835	20.0
Oxirane, pentyl-	4.12	6.2	ng/ul	250467	1	7.58	803835	20.0
2-Hexanol, 2-methyl-	4.60	8.4	ng/ul	338503	1	7.58	803835	20.0
3-Hexanol, 3-methyl-	4.77	9.8	ng/ul	392821	1	7.58	803835	20.0
unknown-01	4.83	5.8	ng/ul	235178	1	7.58	803835	20.0
1-Methylcyclohexanol	5.69	3.9	ng/ul	155954	1	7.58	803835	20.0
Benzene, (1-methy...	6.07	14.9	ng/ul	598200	1	7.58	803835	20.0
3-Heptanol, 3-met...	6.25	4.0	ng/ul	159115	1	7.58	803835	20.0
Benzene, propyl-	6.56	28.8	ng/ul	1158210	1	7.58	803835	20.0
Benzene, 1-ethyl-...	6.66	121.0	ng/ul	4863220	1	7.58	803835	20.0
Benzene, 1-ethyl-...	6.72	50.1	ng/ul	2013020	1	7.58	803835	20.0
Benzene, 1,3,5-tr...	6.80	56.5	ng/ul	2270560	1	7.58	803835	20.0
Benzene, 1,2,3-tr...	7.22	212.2	ng/ul	8528110	1	7.58	803835	20.0
2-Cyclopenten-1-o...	7.87	6.6	ng/ul	263631	1	7.58	803835	20.0
Benzene, cyclopro...	7.94	44.3	ng/ul	1779890	1	7.58	803835	20.0
Benzene, 1,3-diet...	8.05	6.0	ng/ul	241838	1	7.58	803835	20.0
Benzene, 1-methyl...	8.11	14.2	ng/ul	570915	1	7.58	803835	20.0
Benzene, 1,4-diet...	8.20	21.3	ng/ul	857768	1	7.58	803835	20.0
Benzene, 1-methyl...	8.36	3.9	ng/ul	157209	1	7.58	803835	20.0
Benzene, 2-ethyl-...	8.51	11.9	ng/ul	479613	1	7.58	803835	20.0
Benzene, 1-methyl...	8.56	9.8	ng/ul	393749	1	7.58	803835	20.0
Benzene, 1-ethyl-...	8.66	20.3	ng/ul	815112	1	7.58	803835	20.0