LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019531.D
Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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	76	rVB	415790	568311	0.87%	0.321%
2	3.628	102	109	123	rVB	381371	658217	1.01%	0.372%
3	3.828	136	143	164	rBV2	38620301	65087734	100.00%	36.787%
4	3.975	164	168	174	rVV2	63744	117507	0.18%	0.066%
5	4.028	174	177	179	rVV	53380	69693	0.11%	0.039%
6	4.052	179	181	187	rVV2	53234	90523	0.14%	0.051%
7	4.122	188	193	209	rVB	201238	375014	0.58%	0.212%
8	4.440	241	247	261	rBV2	68410	129803	0.20%	0.073%
9	4.599	269	274	285	rBV	181757	331787	0.51%	0.188%
10	4.769	298	303	308	rBV	282712	430177	0.66%	0.243%
11	4.822	308	312	324	rVB	222662	413647	0.64%	0.234%
12	5.110	354	361	373	rBV	6553719	9643445	14.82%	5.450%
13	5.246	376	384	396	rBV	16488773	34154245	52.47%	19.304%
14	5.604	437	445	455	rVV	11082058	16591630	25.49%	9.377%
15	5.687	455	459	463	rVV	101802	172480	0.26%	0.097%
16	5.728	463	466	473	rVV	78429	117199	0.18%	0.066%
17	6.075	515	525	539	rBV2	250401	519921	0.80%	0.294%
18	6.257	550	556	564	rVB	90939	157425	0.24%	0.089%
19	6.557	602	607	615	rVB	615055	926756	1.42%	0.524%
20	6.663	615	625	630	rBV	2881078	4116939	6.33%	2.327%
21	6.722	630	635	642	rVV	1144341	1655417	2.54%	0.936%
22	6.798	642	648	655	rVB	1231563	1800312	2.77%	1.018%
23	6.963	666	676	687	rBV	1187590	1869092	2.87%	1.056%
24	7.122	697	703	709	rBV2	39700	80731	0.12%	0.046%
25	7.222	713	720	732	rVB	4957940	7339465	11.28%	4.148%
26	7.581	775	781	791	rBV2	410447	742408	1.14%	0.420%
27	7.681	791	798	807	rVB	1362399	2075000	3.19%	1.173%
28	7.816	815	821	828	rBV4	60815	137139	0.21%	0.078%
29	7.881	828	832	836	rVV	94225	156529	0.24%	0.088%
30	7.940	836	842	855	rVB	1123086	1767076	2.71%	0.999%
31	8.051	855	861	866	rBV3	128273	212512	0.33%	0.120%
32	8.110	866	871	880	rVB	287477	456641	0.70%	0.258%
33	8.198	880	886	891	rBV	359546	572658	0.88%	0.324%
34	8.363	909	914	919	rBV	74598	109006	0.17%	0.062%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019531.D
Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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	8.422	919	924	931	rVB	57503	90281	0.14%	0.051%
36	8.510	931	939	944	rBV	204896	351568	0.54%	0.199%
37	8.563	944	948	953	rVV	187024	320092	0.49%	0.181%
38	8.616	953	957	961	rVV	135004	232600	0.36%	0.131%
39	8.663	961	965	973	rVV	350802	570666	0.88%	0.323%
40	8.745	973	979	986	rVB3	185735	334615	0.51%	0.189%
41	8.992	1016	1021	1027	rBV	87454	144802	0.22%	0.082%
42	9.187	1046	1054	1058	rBV	175228	267353	0.41%	0.151%
43	9.245	1058	1064	1073	rVB	261955	404464	0.62%	0.229%
44	9.486	1095	1105	1111	rVB2	69723	182457	0.28%	0.103%
45	9.604	1120	1125	1133	rVB	219843	378870	0.58%	0.214%
46	9.751	1138	1150	1156	rBV2	415745	793215	1.22%	0.448%
47	9.810	1156	1160	1165	rVV4	69957	145639	0.22%	0.082%
48	9.886	1165	1173	1181	rVV8	50607	163946	0.25%	0.093%
49	9.992	1183	1191	1199	rVV3	82118	239645	0.37%	0.135%
50	10.081	1199	1206	1214	rVB	231460	414468	0.64%	0.234%
51	10.310	1240	1245	1249	rBV	164886	319351	0.49%	0.180%
52	10.363	1249	1254	1258	rVV	608490	1040570	1.60%	0.588%
53	10.410	1258	1262	1269	rVB	1642745	2728295	4.19%	1.542%
54	10.533	1279	1283	1293	rVB2	45828	95151	0.15%	0.054%
55	10.886	1337	1343	1348	rBV3	54032	112551	0.17%	0.064%
56	10.992	1354	1361	1368	rBV5	40827	111442	0.17%	0.063%
57	11.081	1368	1376	1384	rVB8	38653	86679	0.13%	0.049%
58	11.186	1384	1394	1401	rBV	180697	415330	0.64%	0.235%
59	11.610	1461	1466	1473	rVB	66048	112642	0.17%	0.064%
60	11.780	1484	1495	1506	rBV2	223241	478568	0.74%	0.270%
61	12.033	1528	1538	1548	rBV	422091	684265	1.05%	0.387%
62	12.216	1563	1569	1572	rBV	161853	270044	0.41%	0.153%
63	12.257	1572	1576	1591	rVB2	216541	488105	0.75%	0.276%
64	12.410	1591	1602	1617	rVB2	250720	560318	0.86%	0.317%
65	12.698	1644	1651	1659	rBV3	126086	239758	0.37%	0.136%
66	12.998	1697	1702	1707	rBV	55345	94846	0.15%	0.054%
67	13.057	1708	1712	1718	rVB2	54080	84529	0.13%	0.048%
68	13.222	1734	1740	1745	rBV	123085	194179	0.30%	0.110%
69	13.392	1760	1769	1771	rBV2	94005	158431	0.24%	0.090%
70	13.427	1771	1775	1780	rVB	157643	243625	0.37%	0.138%
71	13.663	1811	1815	1824	rVB	123419	179316	0.28%	0.101%

LSC Area Percent Report

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Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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	1870	rVB	135412	214360	0.33%	0.121%
73	14.074	1876	1885	1890	rVB7	26422	67615	0.10%	0.038%
74	14.245	1907	1914	1921	rBV2	920977	1413008	2.17%	0.799%
75	15.245	2078	2084	2089	rBV	181417	260959	0.40%	0.147%
76	17.004	2377	2383	2395	rBV2	1137143	1622580	2.49%	0.917%
77	17.104	2395	2400	2411	rVB2	164557	262290	0.40%	0.148%
78	19.409	2787	2792	2801	rBV	213197	311192	0.48%	0.176%
79	21.209	3093	3098	3107	rBV	1588155	2134588	3.28%	1.206%
80	23.274	3444	3449	3458	rVB2	303133	574152	0.88%	0.325%
81	23.415	3467	3473	3484	rVB	1325154	2470189	3.80%	1.396%
82	23.891	3551	3554	3566	rVB	119110	220629	0.34%	0.125%

Sum of corrected areas: 176930677

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
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Acq On : 28 Mar 2019 07:08
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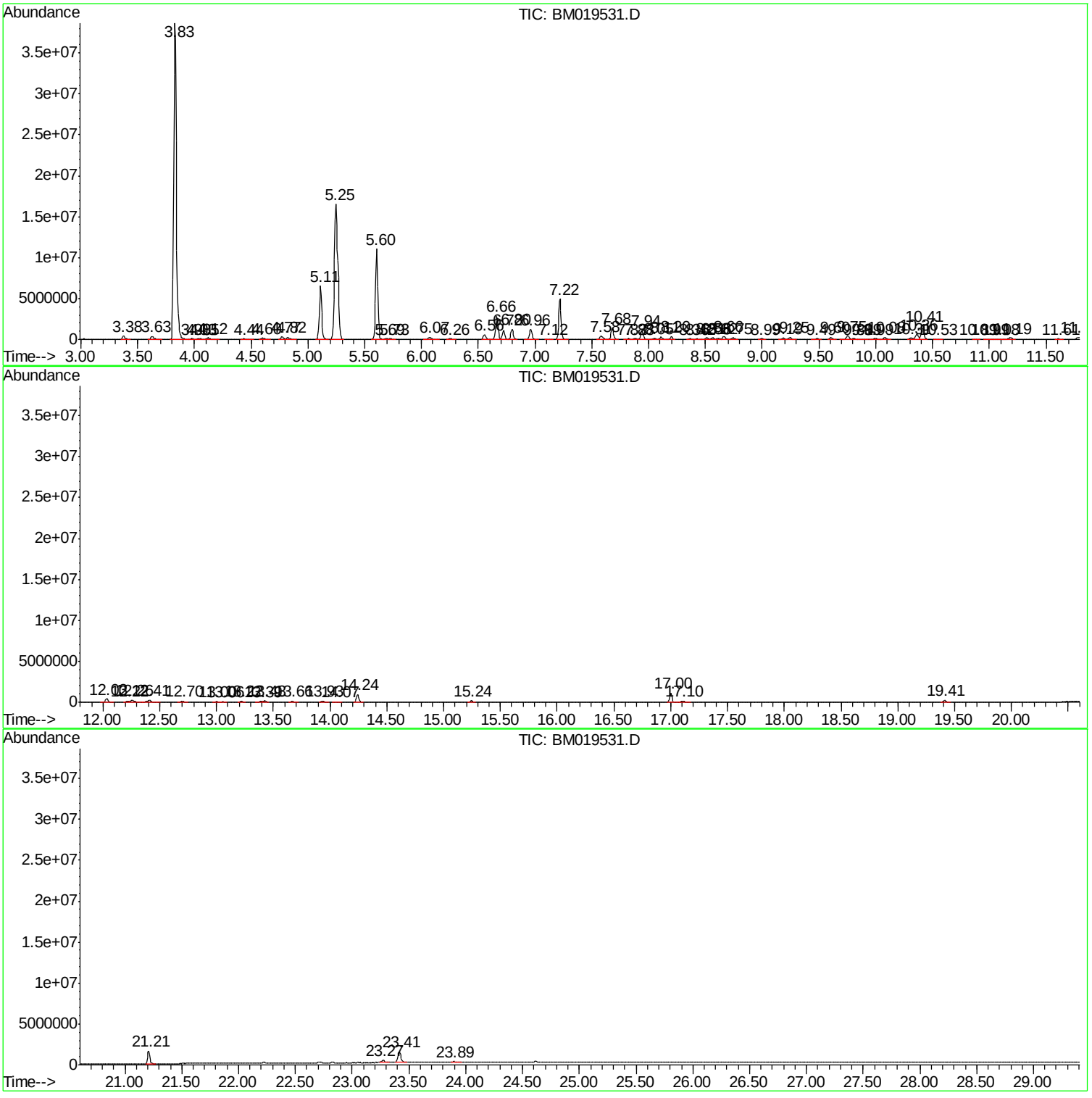
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB6S3DL

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 : BM019531.D
Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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

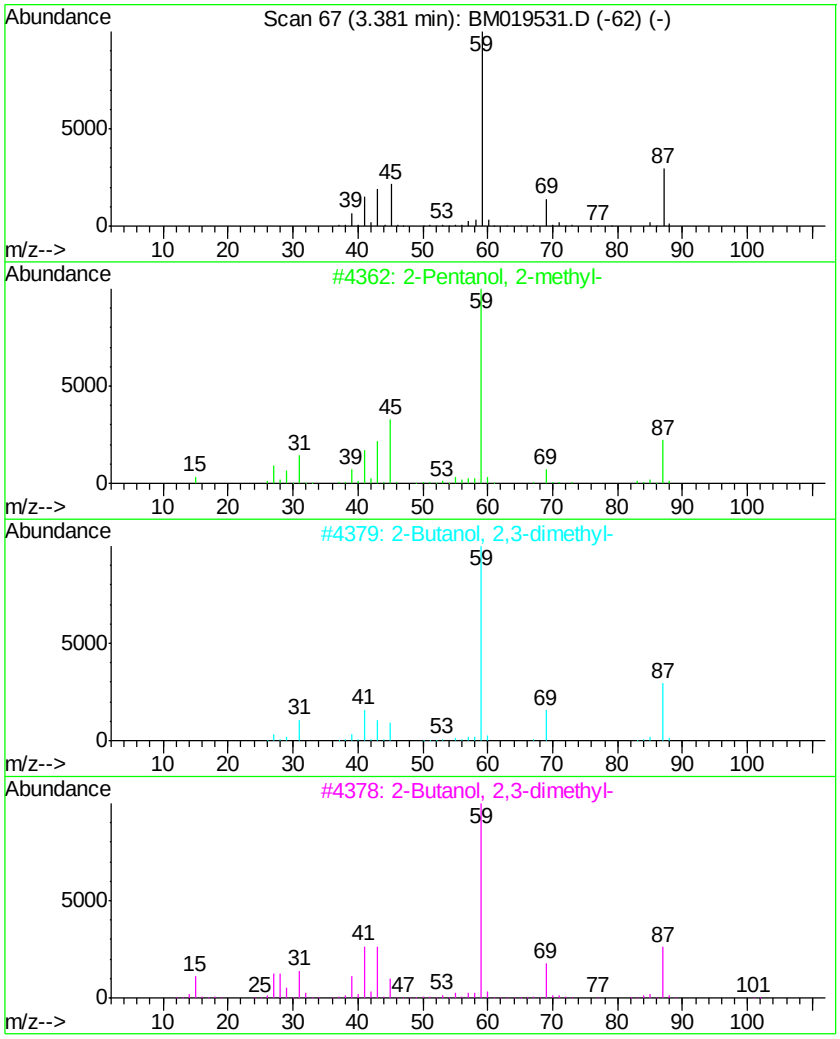
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

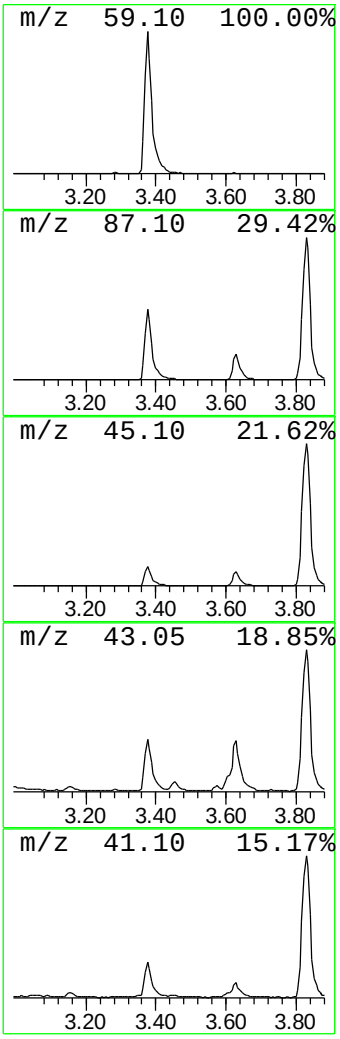
****

Peak Number 1 2-Pentanol, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	15.31 ng/ul	568311	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	74
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	72
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	59
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	59
5	3-Hexanol, 5-methyl-	116	C7H16O	000623-55-2	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019531.D
Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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

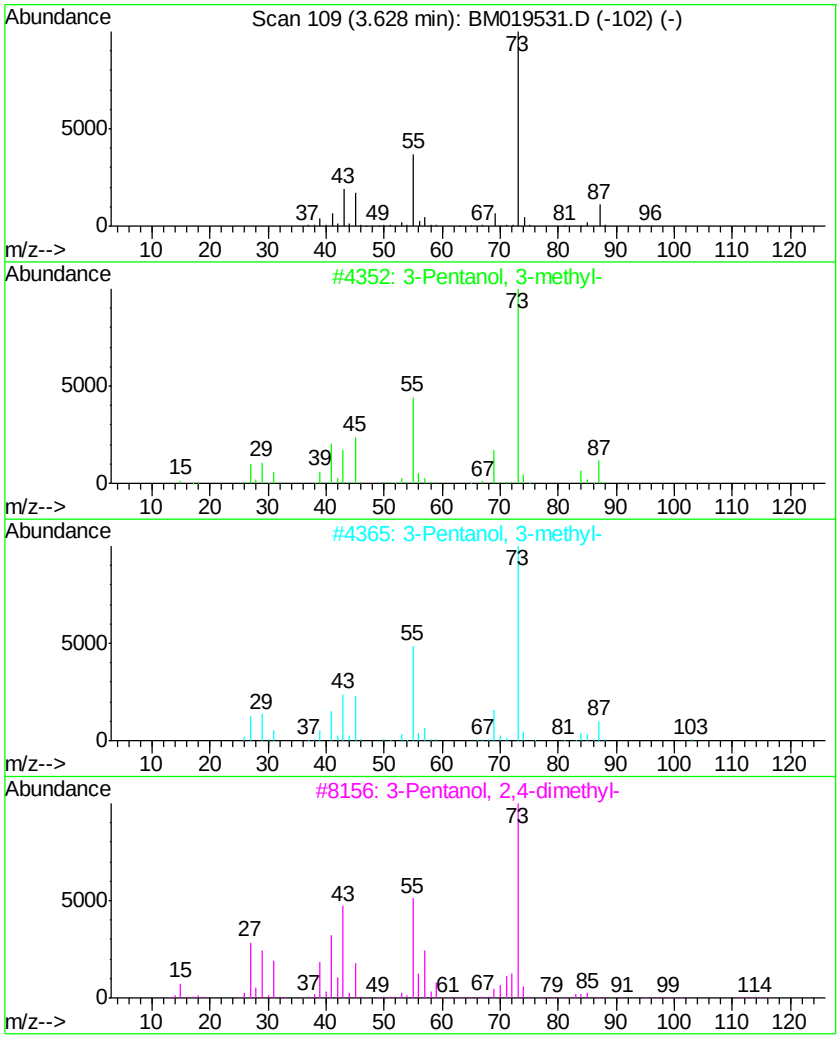
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

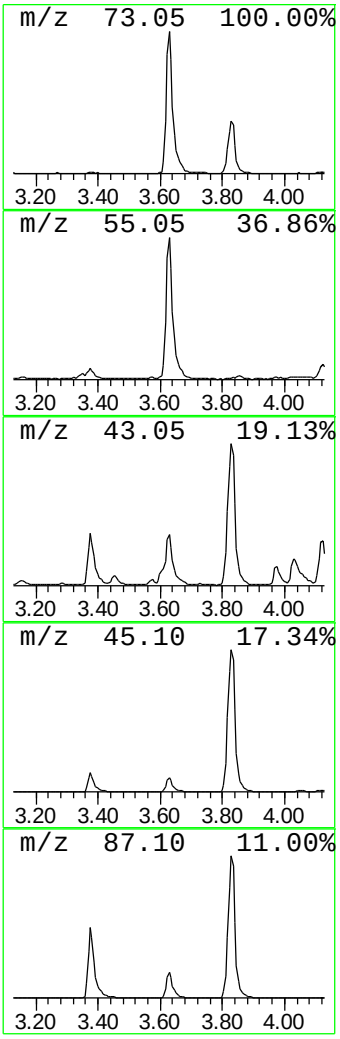
****

Peak Number 2 3-Pentanol, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	17.73 ng/ul	658217	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	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	36
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019531.D
Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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

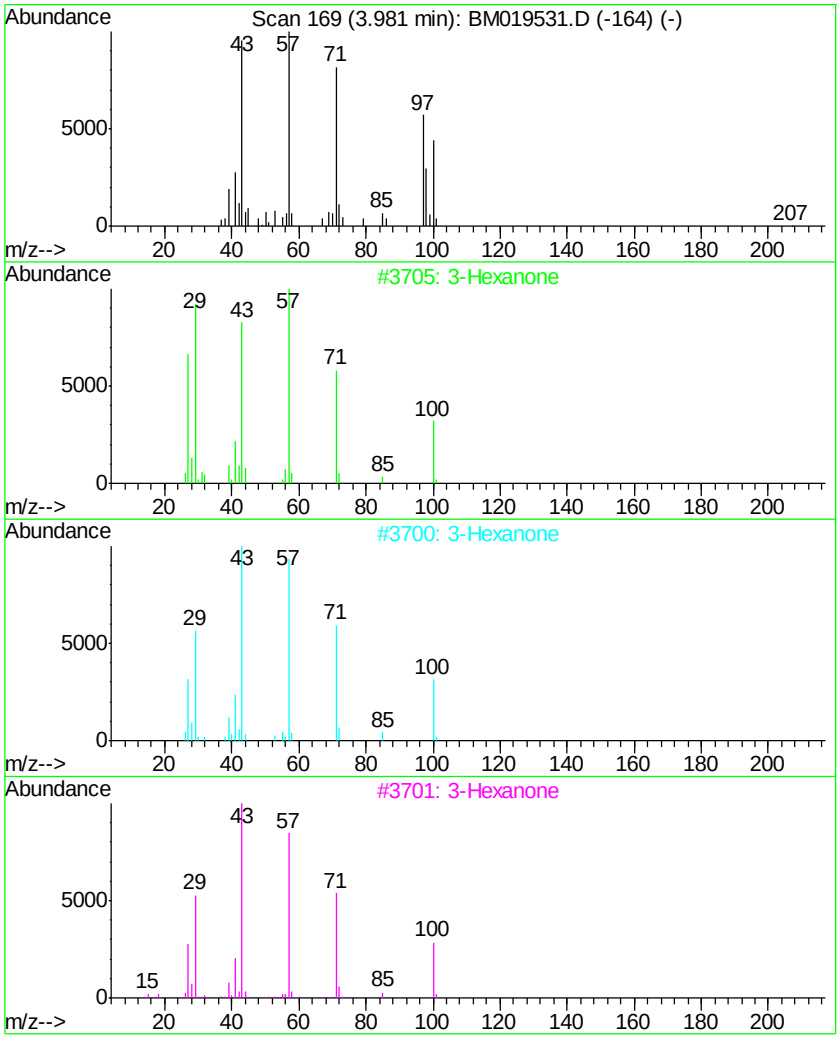
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

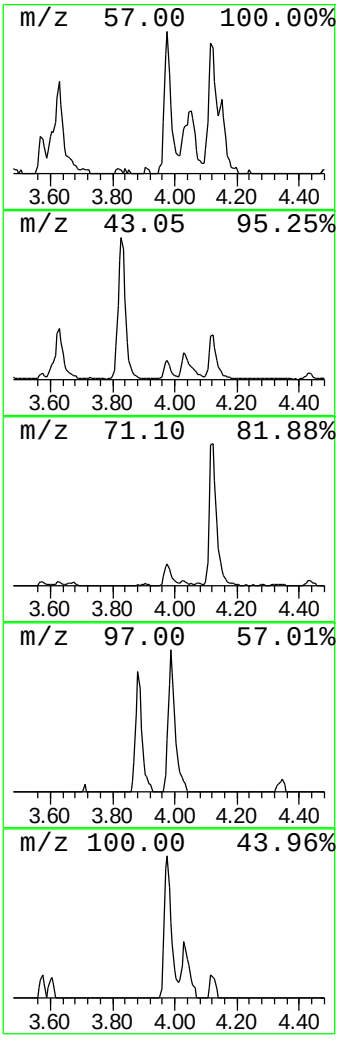
****

Peak Number 4 3-Hexanone Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	3.17 ng/ul	117507	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	74
2	3-Hexanone	100	C6H12O	000589-38-8	72
3	3-Hexanone	100	C6H12O	000589-38-8	58
4	3-Hexanone	100	C6H12O	000589-38-8	58
5	3-Hexanone	100	C6H12O	000589-38-8	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019531.D
Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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

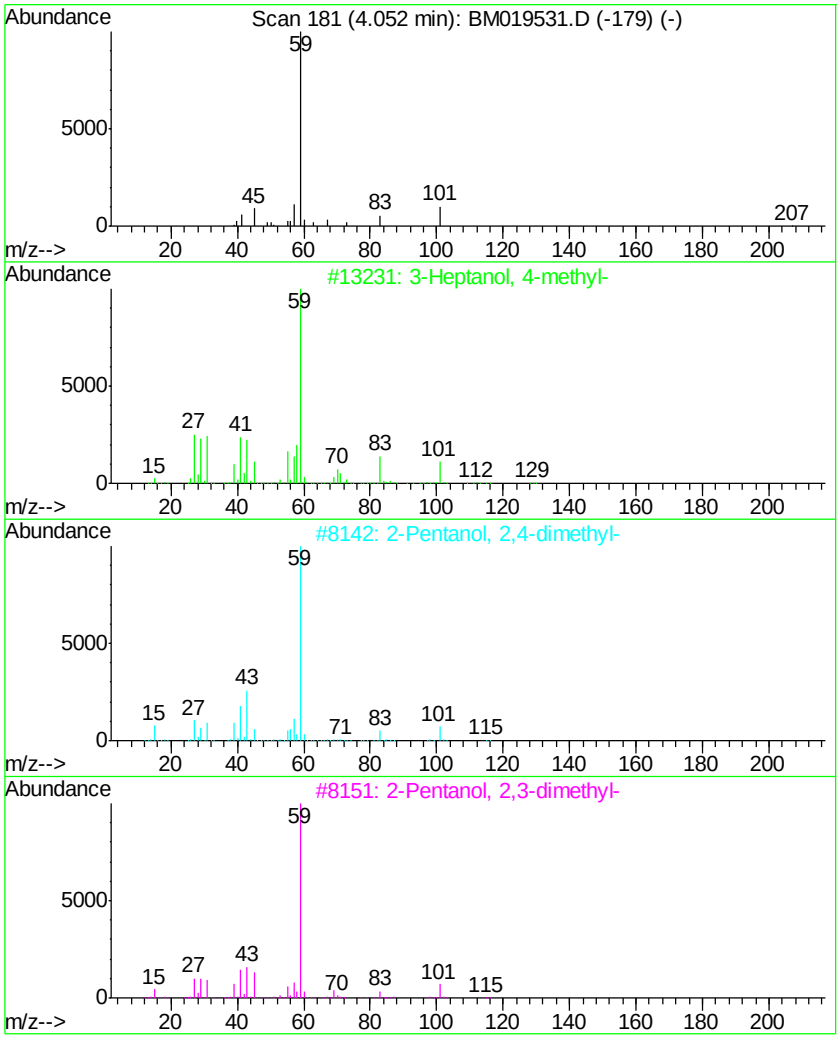
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

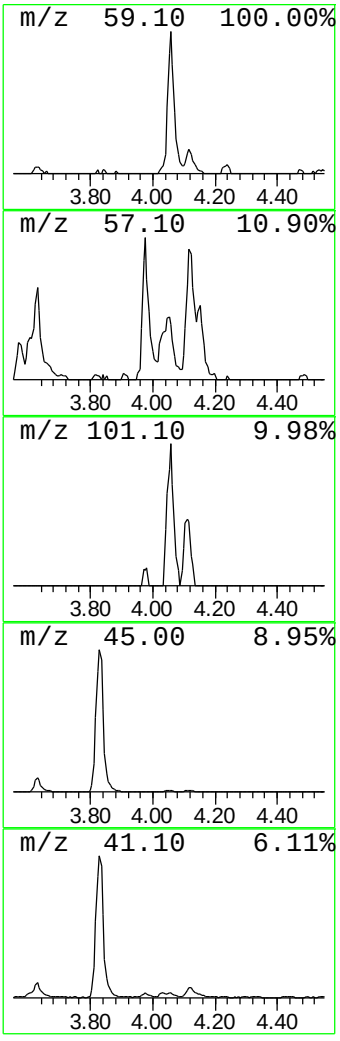
****

Peak Number 5 unknown-01 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.05	2.44 ng/ul	90523	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	43
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	43
3	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	43
4	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	9
5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019531.D
Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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

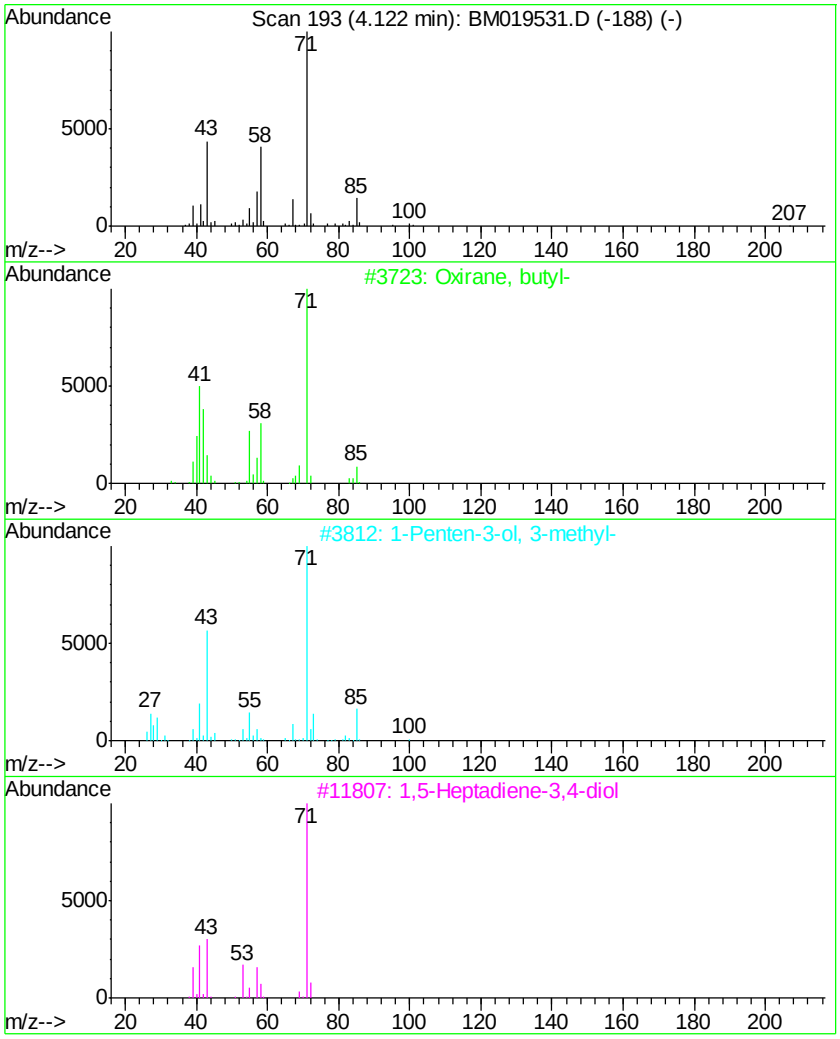
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

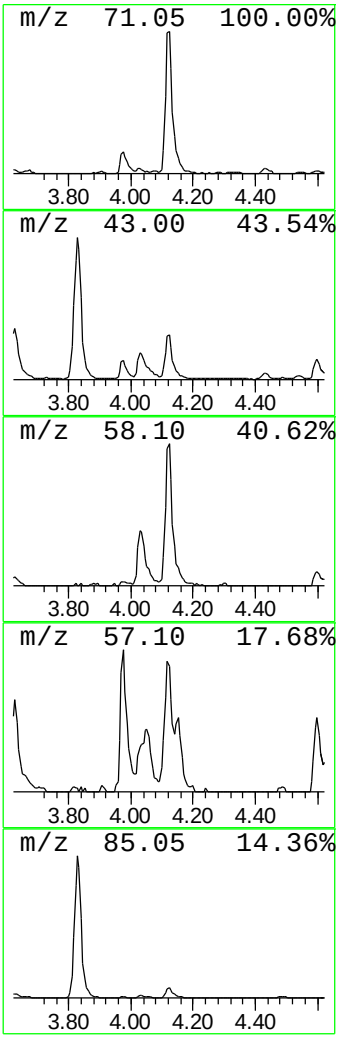
****

Peak Number 6 Oxirane, butyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	10.10 ng/ul	375014	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, butyl-	100	C6H12O	001436-34-6	64
2	1-Penten-3-ol, 3-methyl-	100	C6H12O	000918-85-4	50
3	1,5-Heptadiene-3,4-diol	128	C7H12O2	051945-98-3	47
4	Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	47
5	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019531.D
Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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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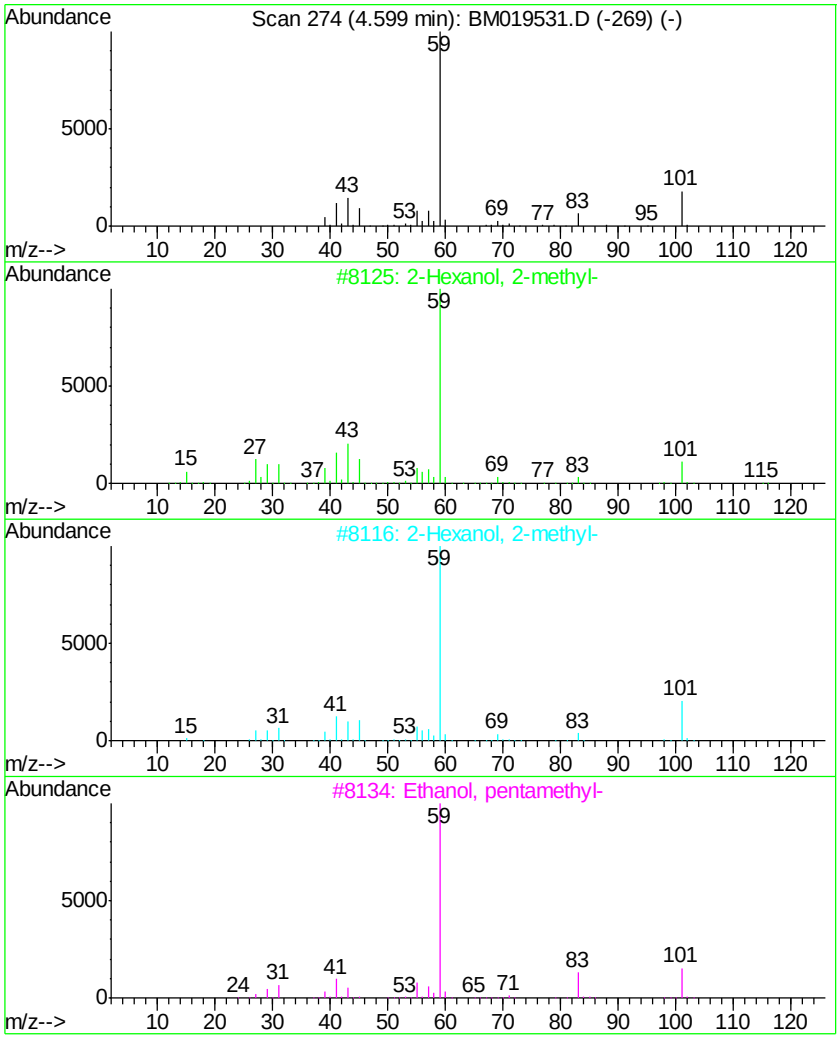
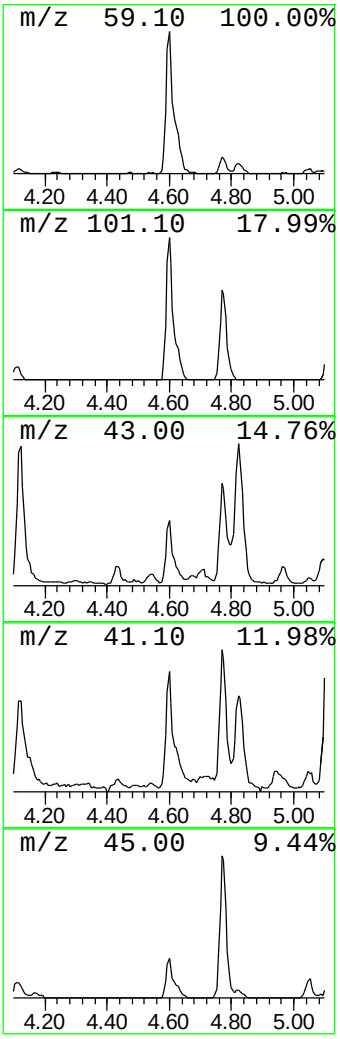
Peak Number 8 2-Hexanol, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	8.94 ng/ul	331787	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	56
4	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	40
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	40





Library Search Compound Report

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Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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Quant Title : SVOA CALIBRATION

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

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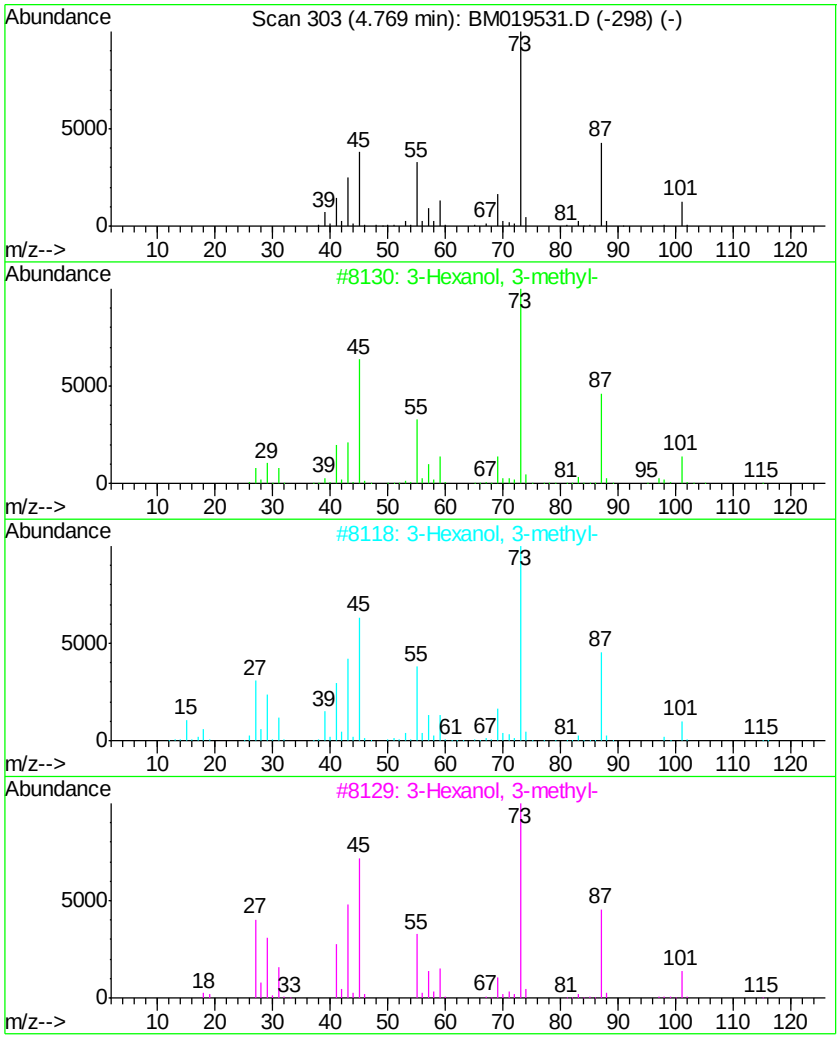
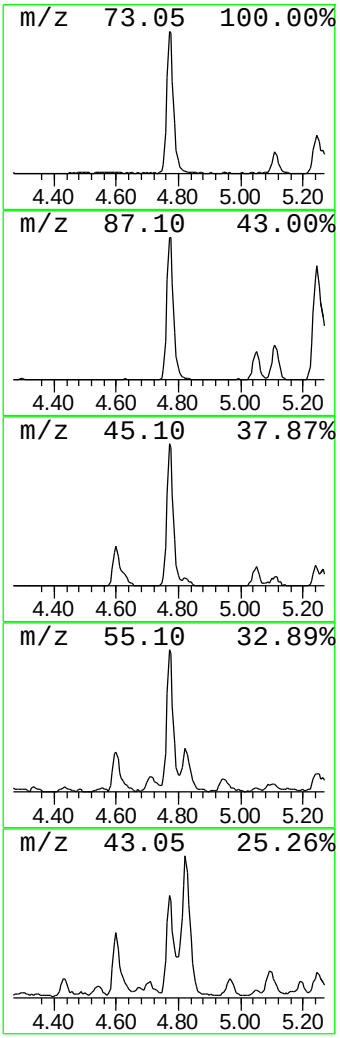
Peak Number 9 3-Hexanol, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	11.59 ng/ul	430177	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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Instrument : BNA_M
ClientSampleId : DB6S3DL

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Quant Title : SVOA CALIBRATION

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

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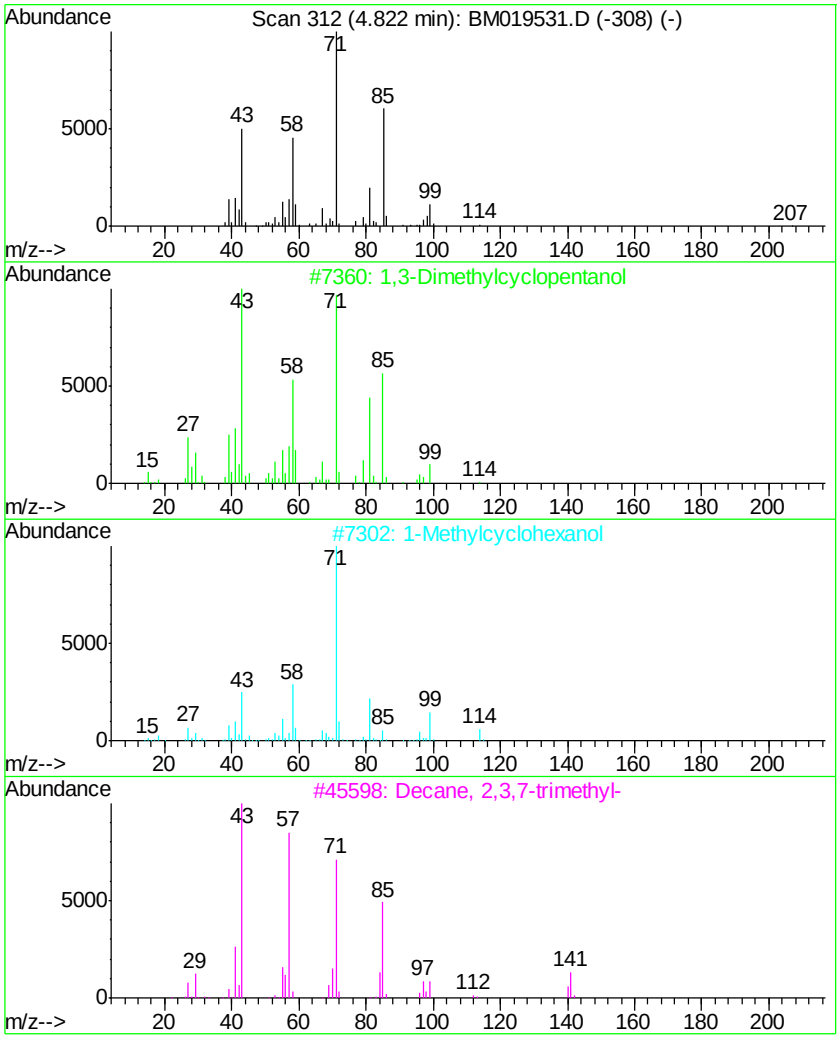
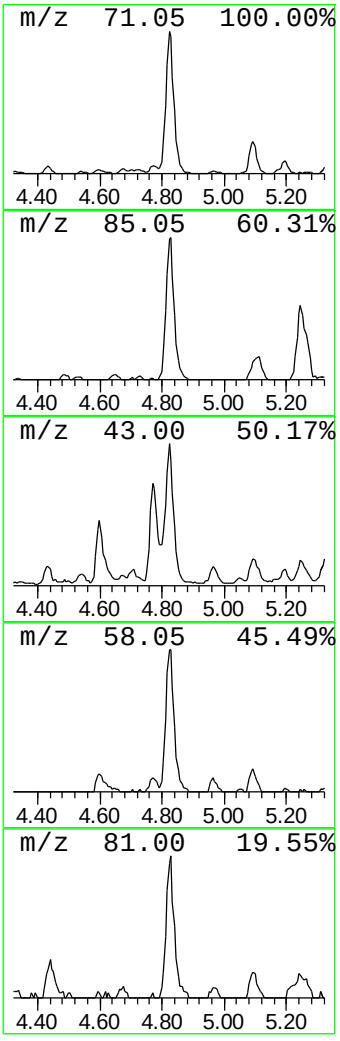
Peak Number 10 1,3-Dimethylcyclopentanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	11.14 ng/ul	413647	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	80
2	1-Methylcyclohexanol	114	C7H14O	000590-67-0	59
3	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	50
4	1,2-Dimethylcyclopentanol	114	C7H14O	019550-45-9	45
5	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	42





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Quant Title : SVOA CALIBRATION

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

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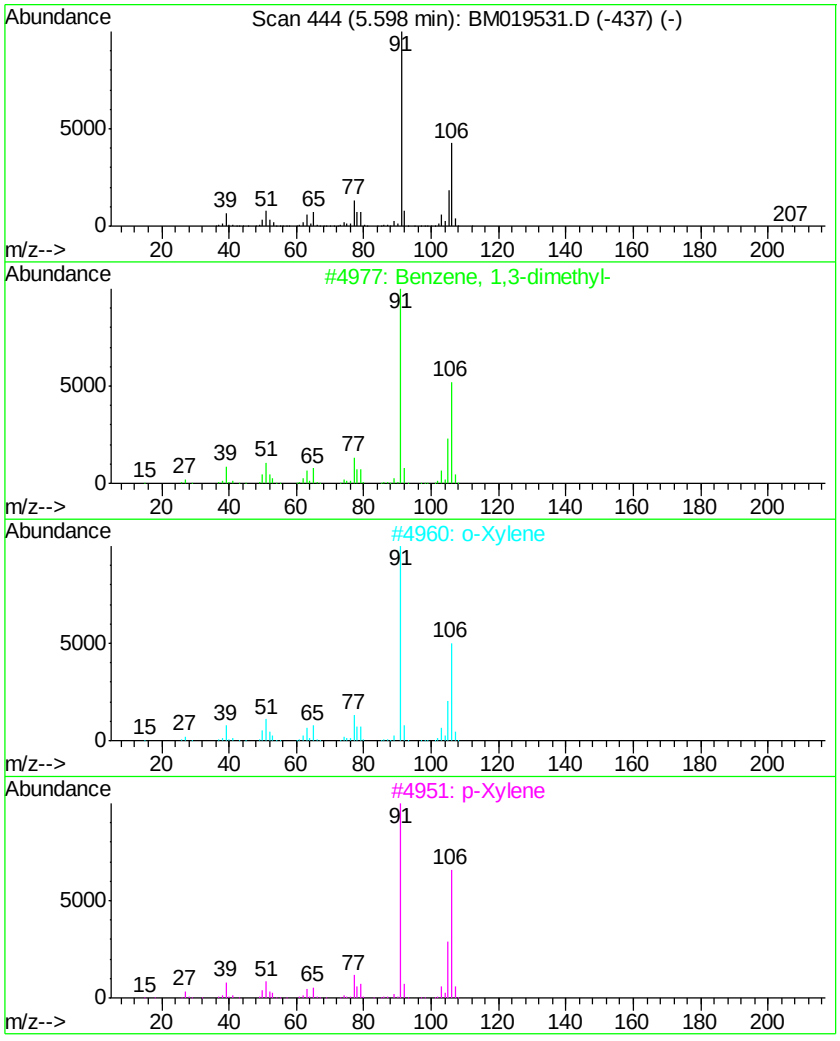
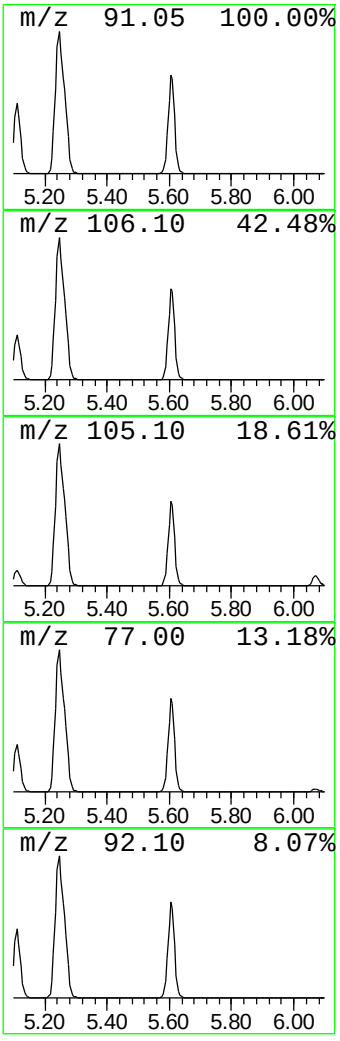
Peak Number 13 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	446.97 ng/ul	16591600	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	p-Xylene	106	C8H10	000106-42-3	95
5	o-Xylene	106	C8H10	000095-47-6	94





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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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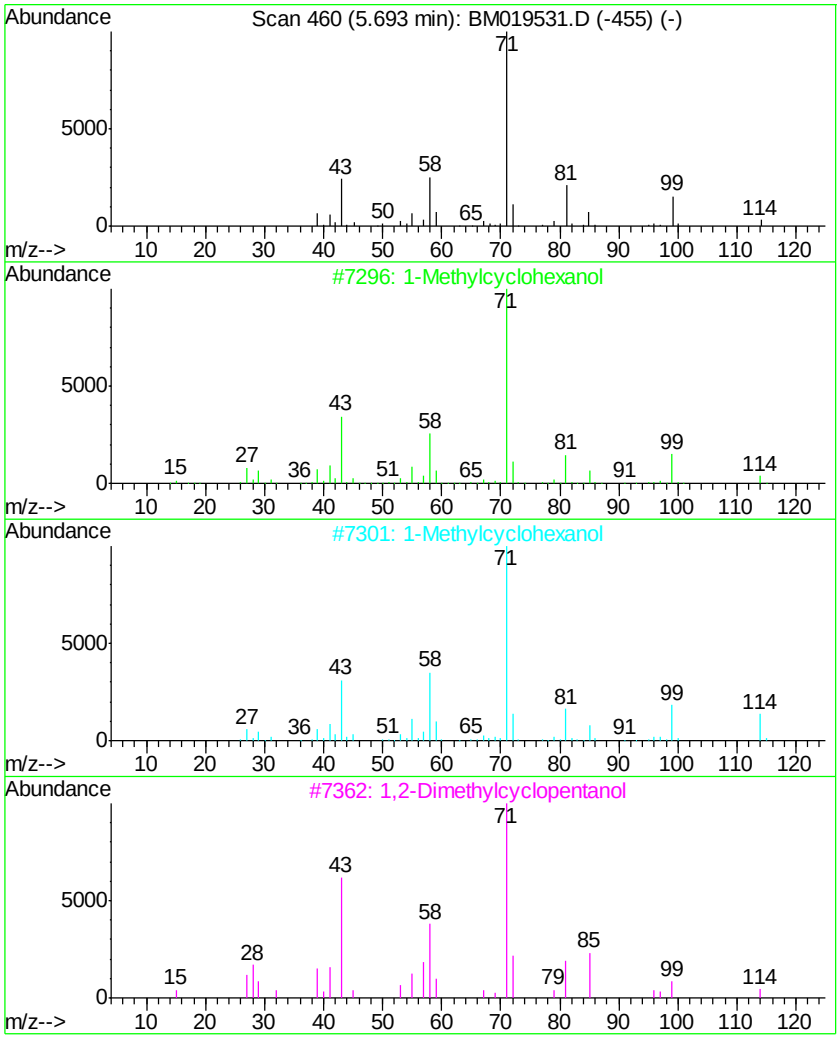
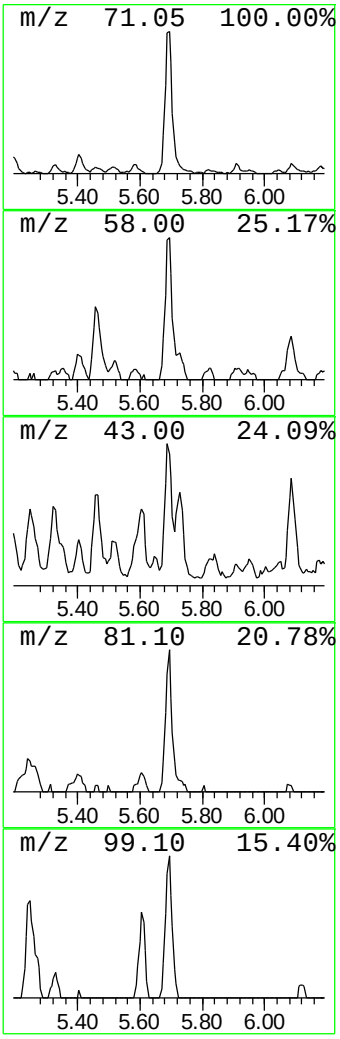
Peak Number 14 1-Methylcyclohexanol Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	4.65 ng/ul	172480	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcyclohexanol	114	C7H14O	000590-67-0	94
2	1-Methylcyclohexanol	114	C7H14O	000590-67-0	91
3	1,2-Dimethylcyclopentanol	114	C7H14O	019550-45-9	47
4	1-Methylcyclohexanol	114	C7H14O	000590-67-0	43
5	trans-2-Methyl-4-hexen-3-ol	114	C7H14O	096346-76-8	38





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Quant Title : SVOA CALIBRATION

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

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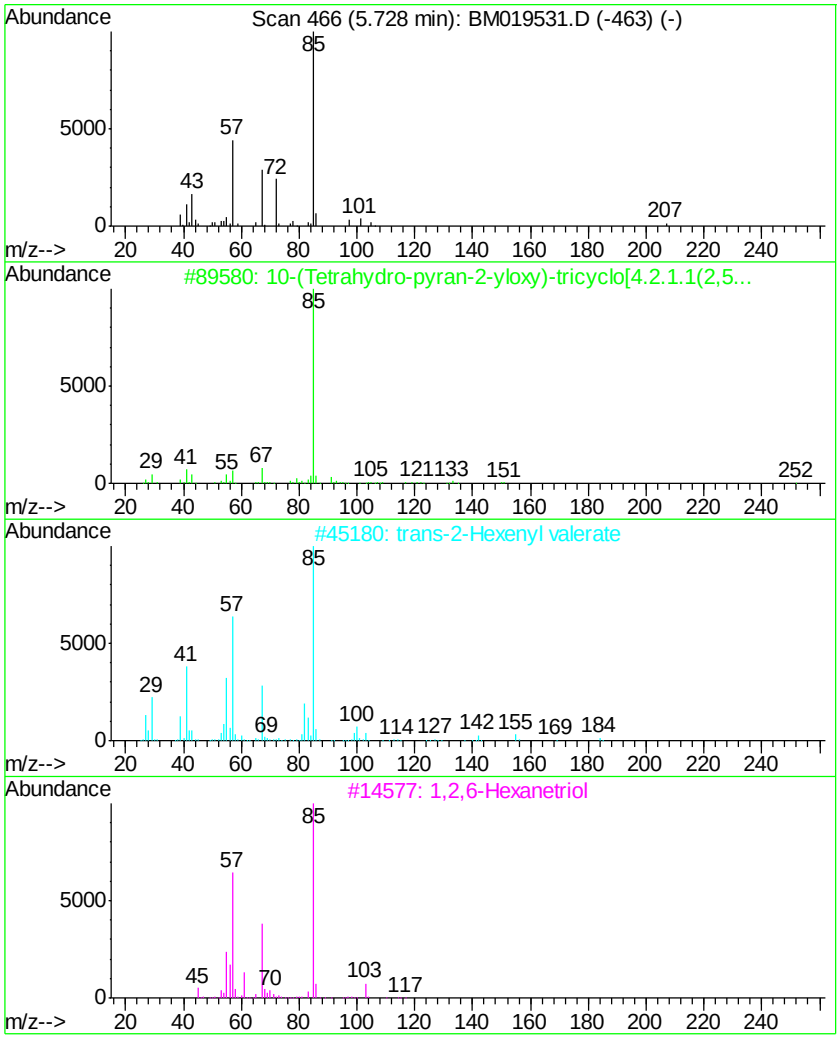
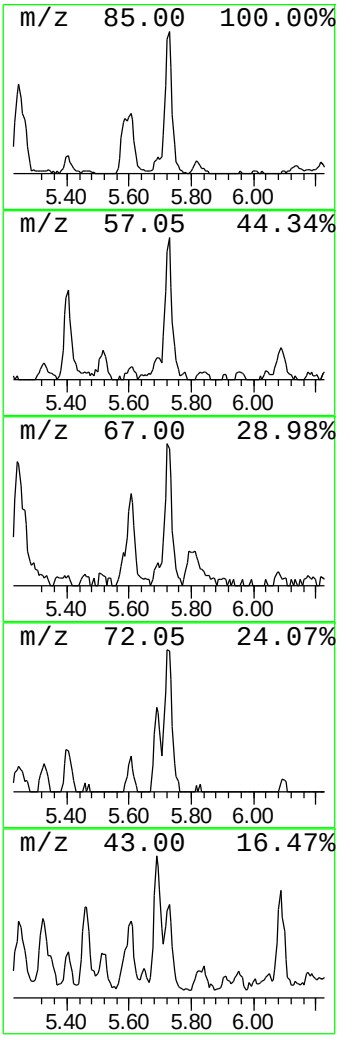
Peak Number 15 unknown-02 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	3.16 ng/ul	117199	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-(Tetrahydro-pyran-2-yloxy)-tr...	252	C15H24O3	1000192-28-8	45
2	trans-2-Hexenyl valerate	184	C11H20O2	056922-74-8	38
3	1,2,6-Hexanetriol	134	C6H14O3	000106-69-4	38
4	2-(1-Methylpropoxy)-tetrahydropyran	158	C9H18O2	032767-69-4	33
5	2-Methylbutanoic anhydride	186	C10H18O3	001468-39-9	28





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Sample : K2063-10DL 10X
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Quant Title : SVOA CALIBRATION

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

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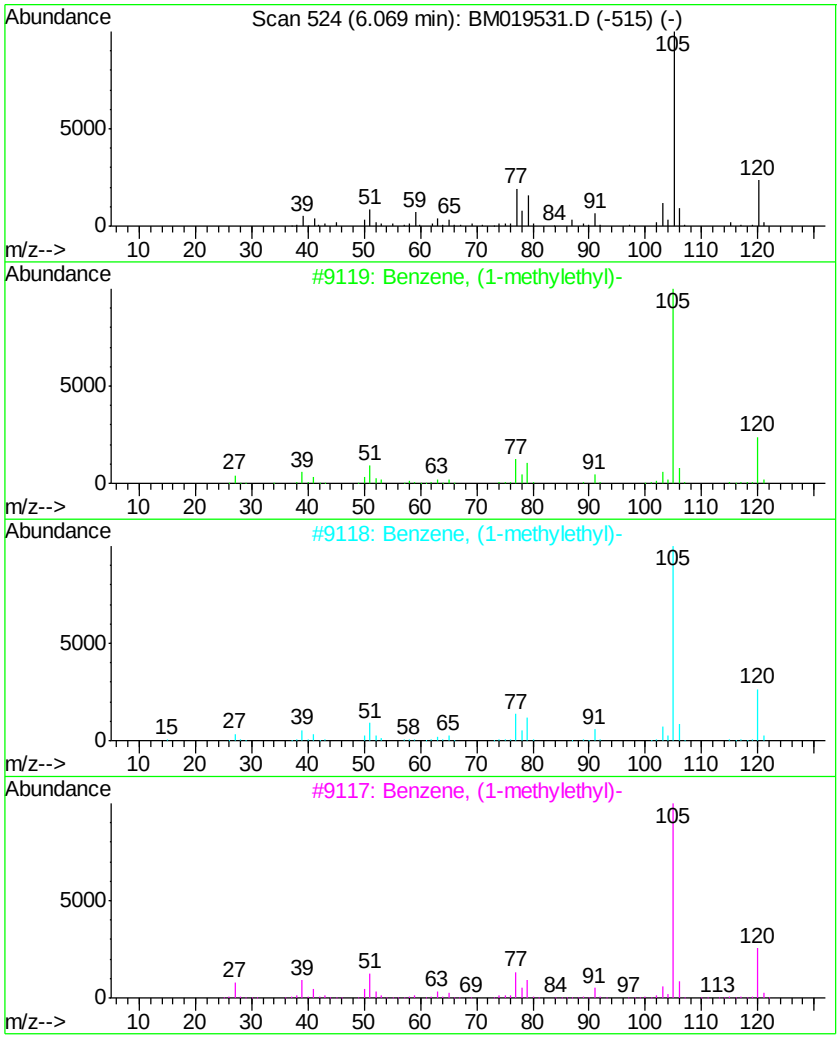
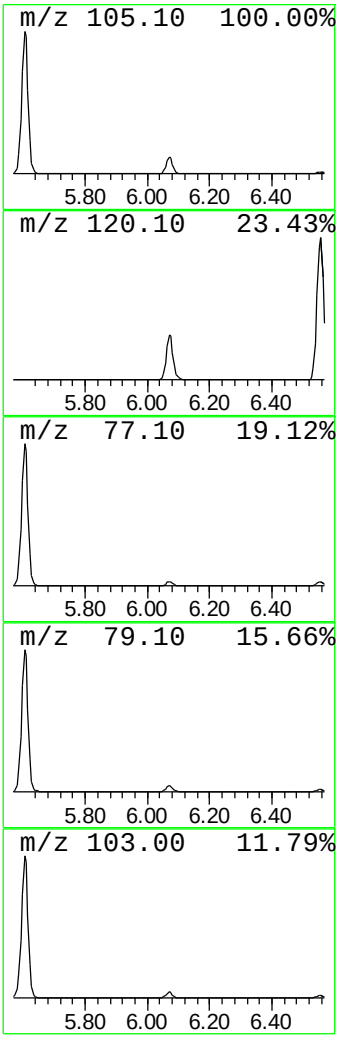
Peak Number 16 Benzene, (1-methylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	14.01 ng/ul	519921	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	76
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	74
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	68





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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Quant Title : SVOA CALIBRATION

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

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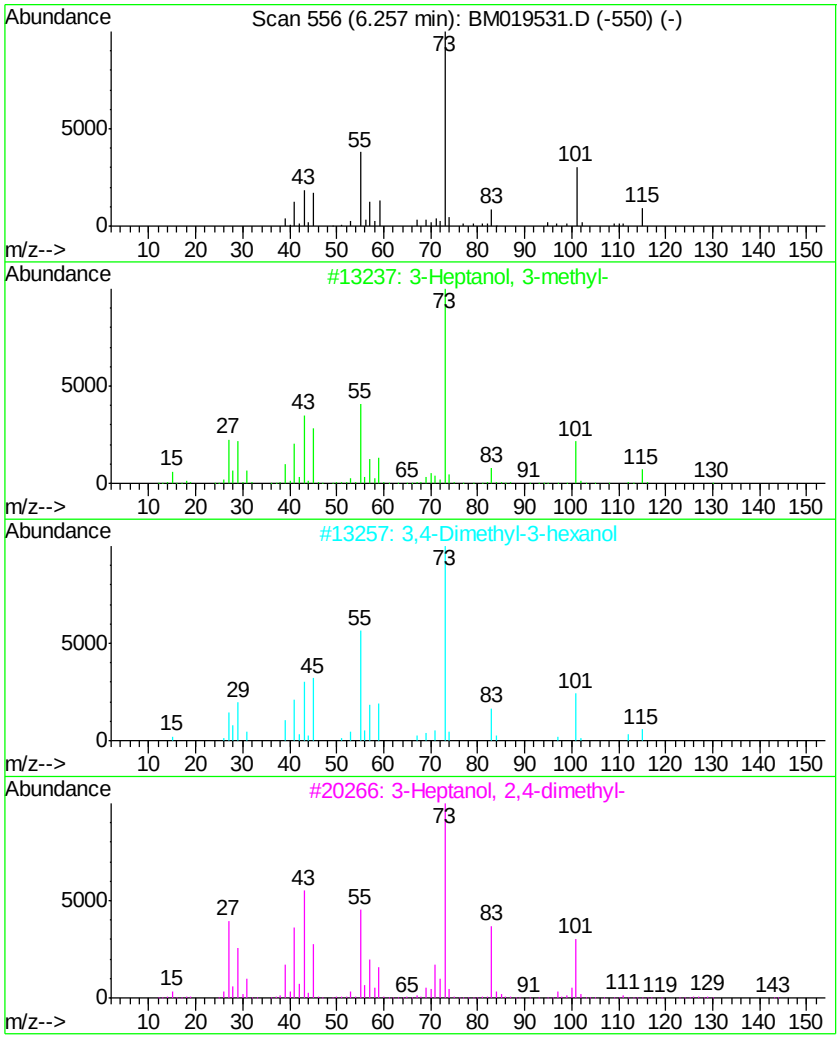
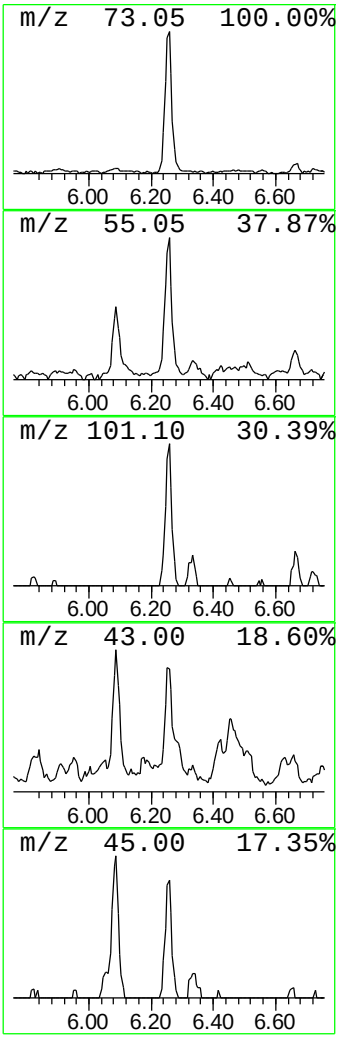
Peak Number 17 3-Heptanol, 3-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	4.24 ng/ul	157425	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	47
3	3-Heptanol, 2,4-dimethyl-	144	C9H20O	019549-72-5	42
4	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	38
5	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	38





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Quant Title : SVOA CALIBRATION

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

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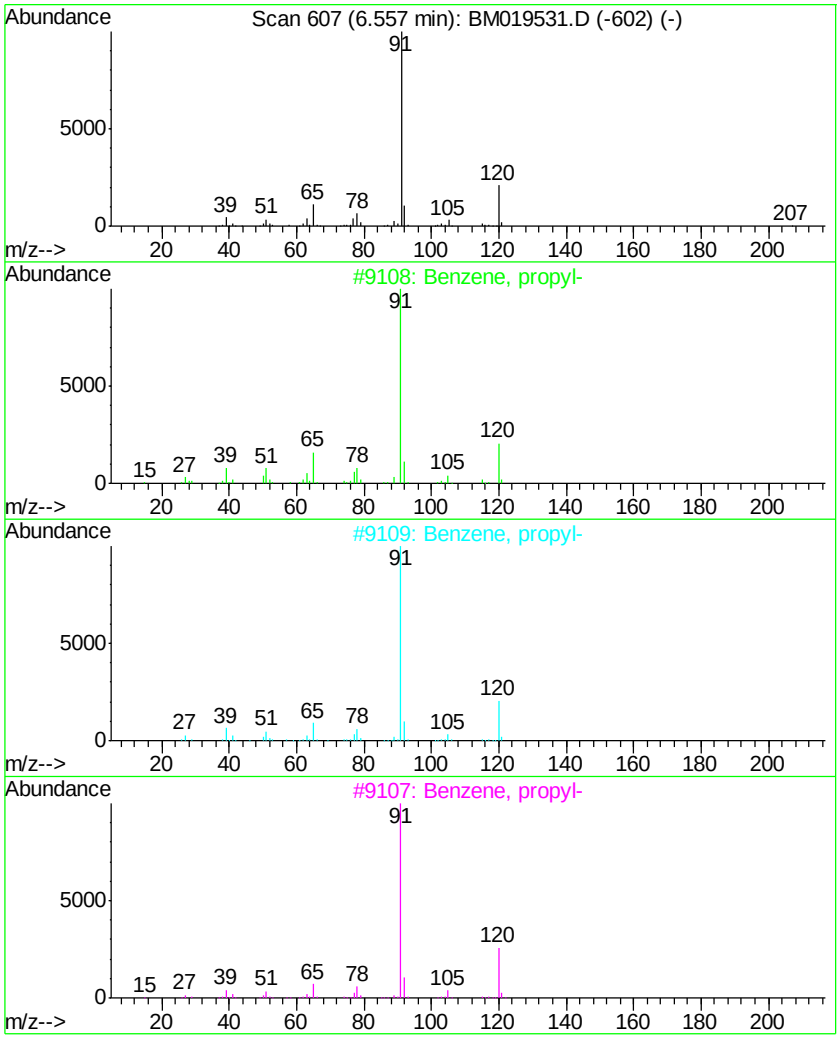
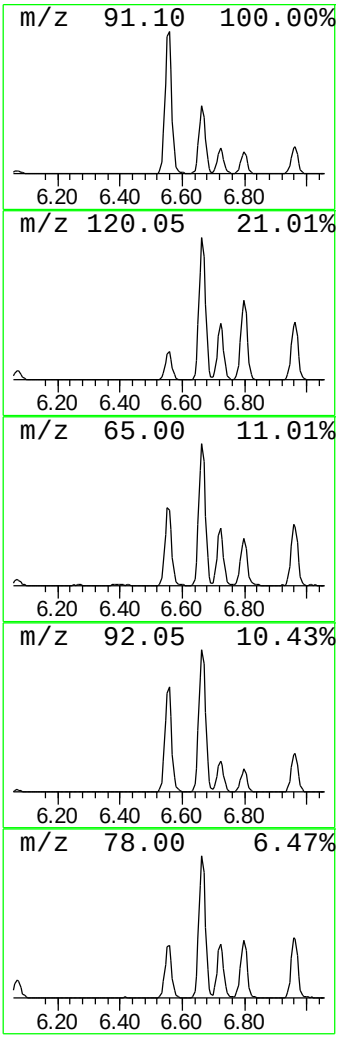
Peak Number 18 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	24.97 ng/ul	926756	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	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	78





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Quant Title : SVOA CALIBRATION

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

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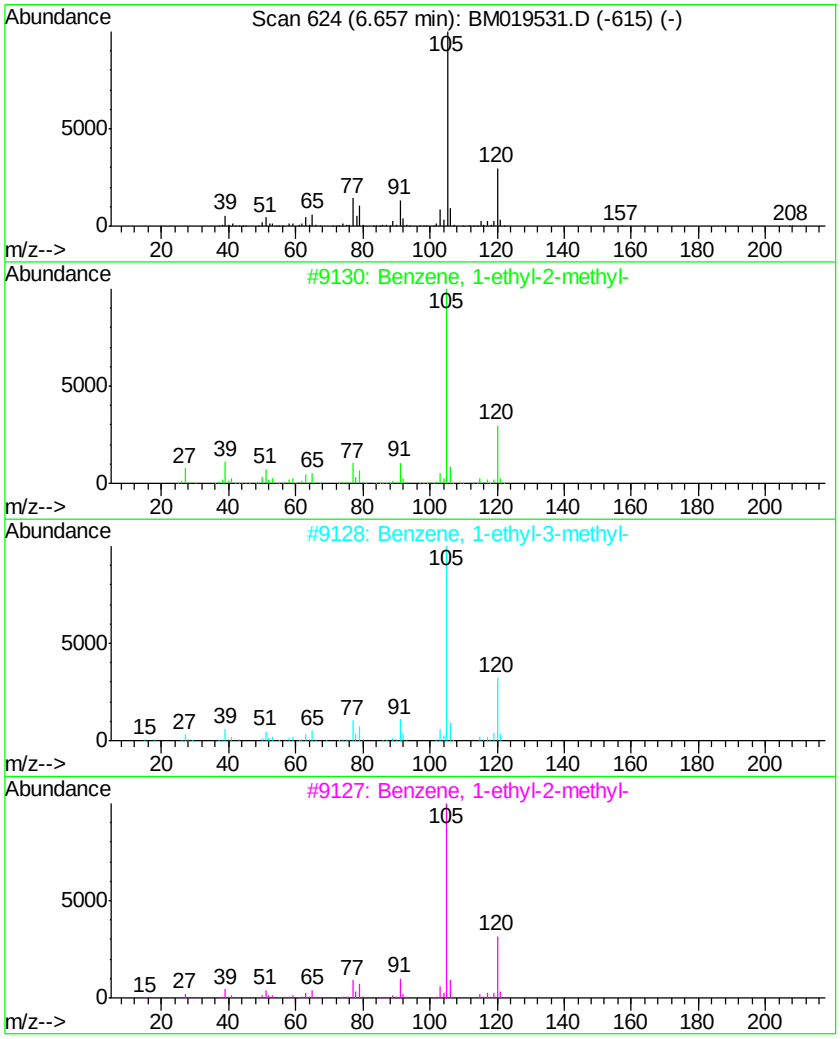
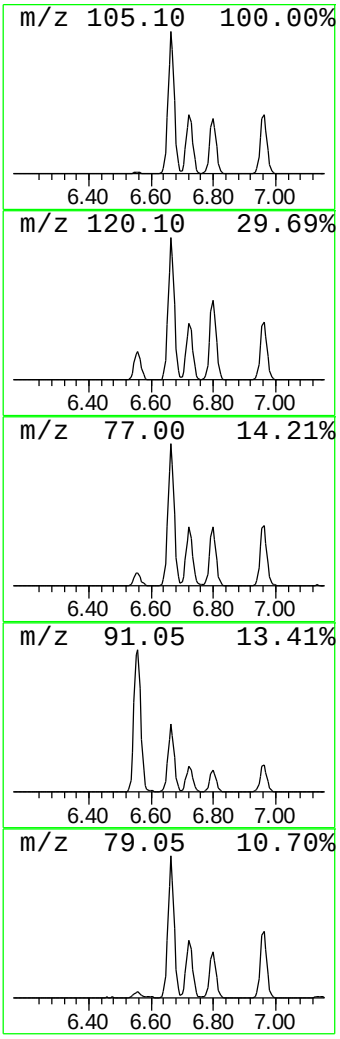
Peak Number 19 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	110.91 ng/ul	4116940	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, 1,2,4-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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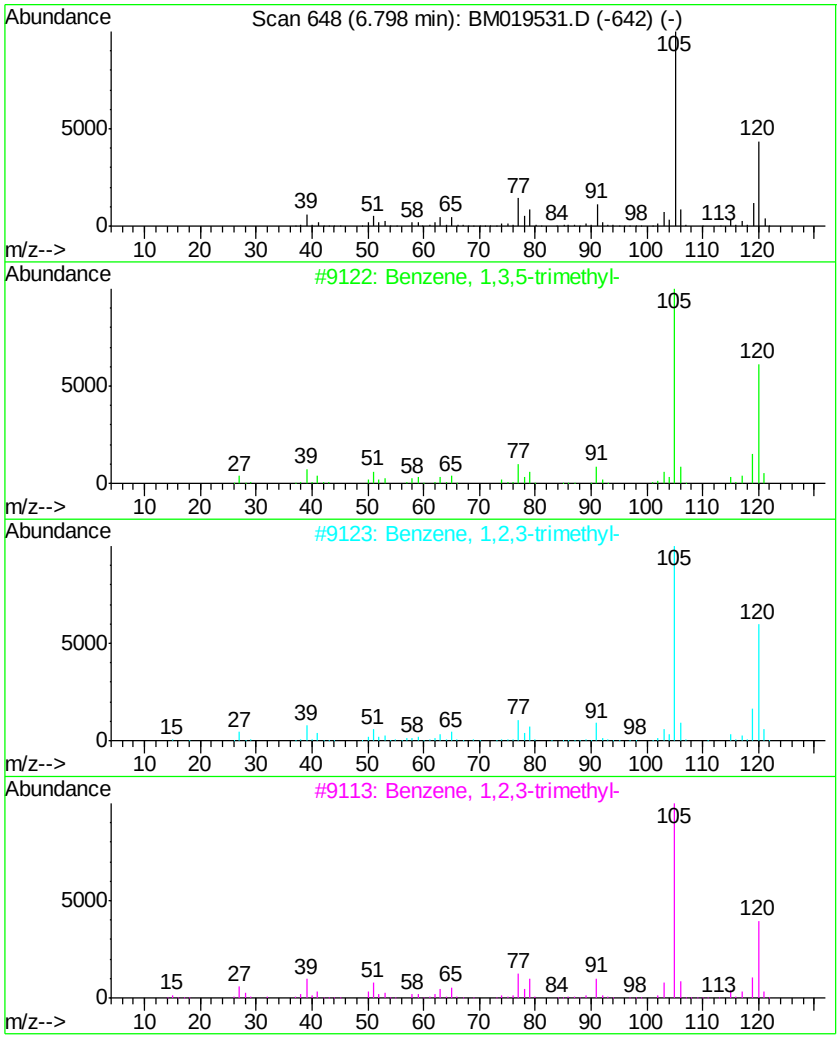
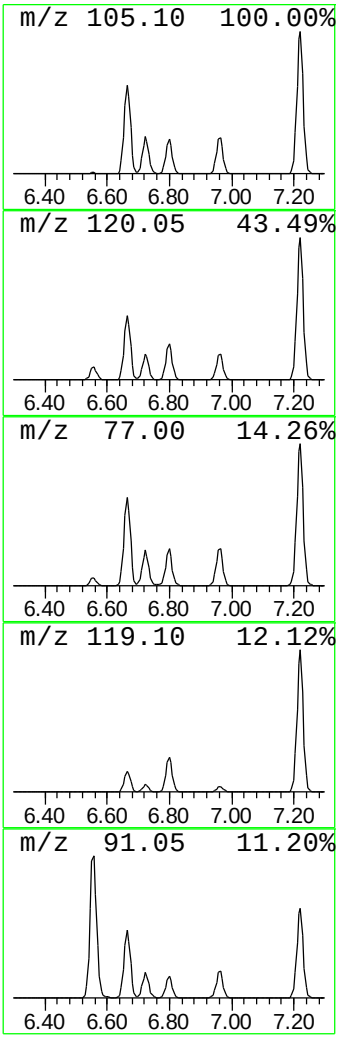
Peak Number 21 Benzene, 1,3,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	48.50 ng/ul	1800310	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Quant Title : SVOA CALIBRATION

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

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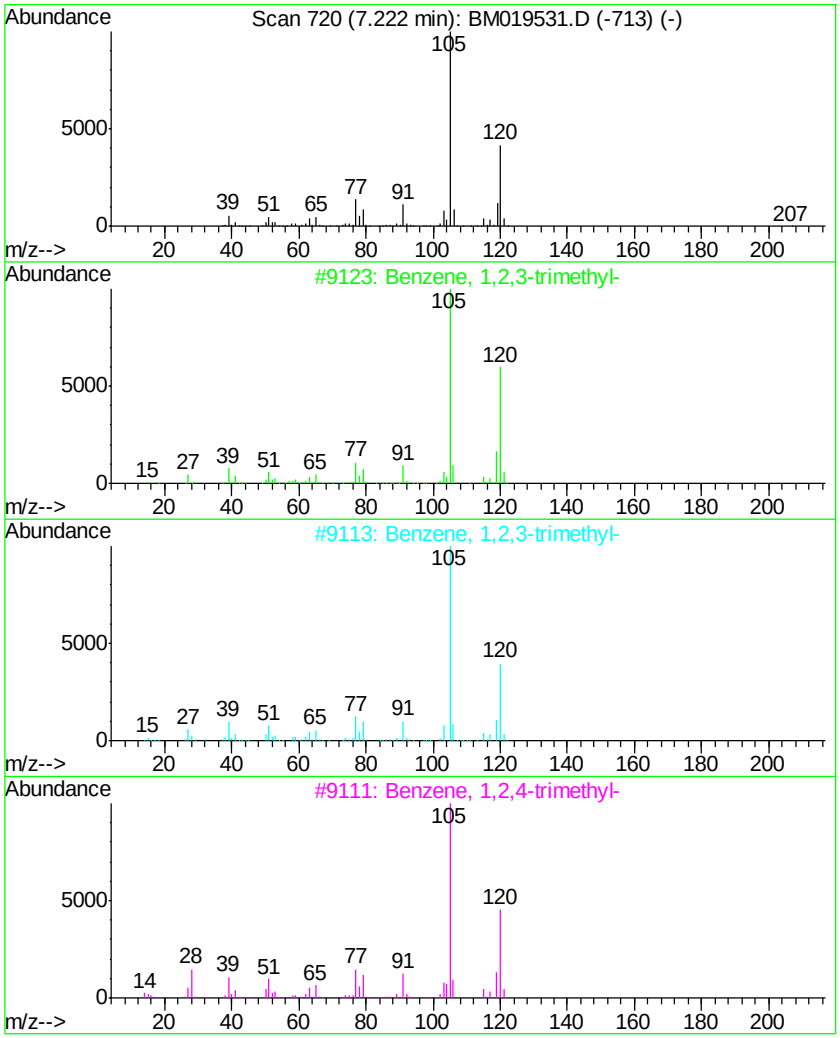
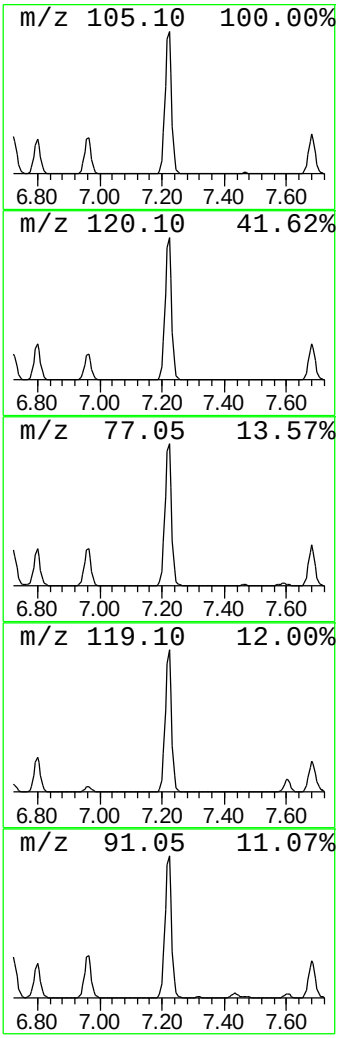
Peak Number 22 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	197.72 ng/ul	7339470	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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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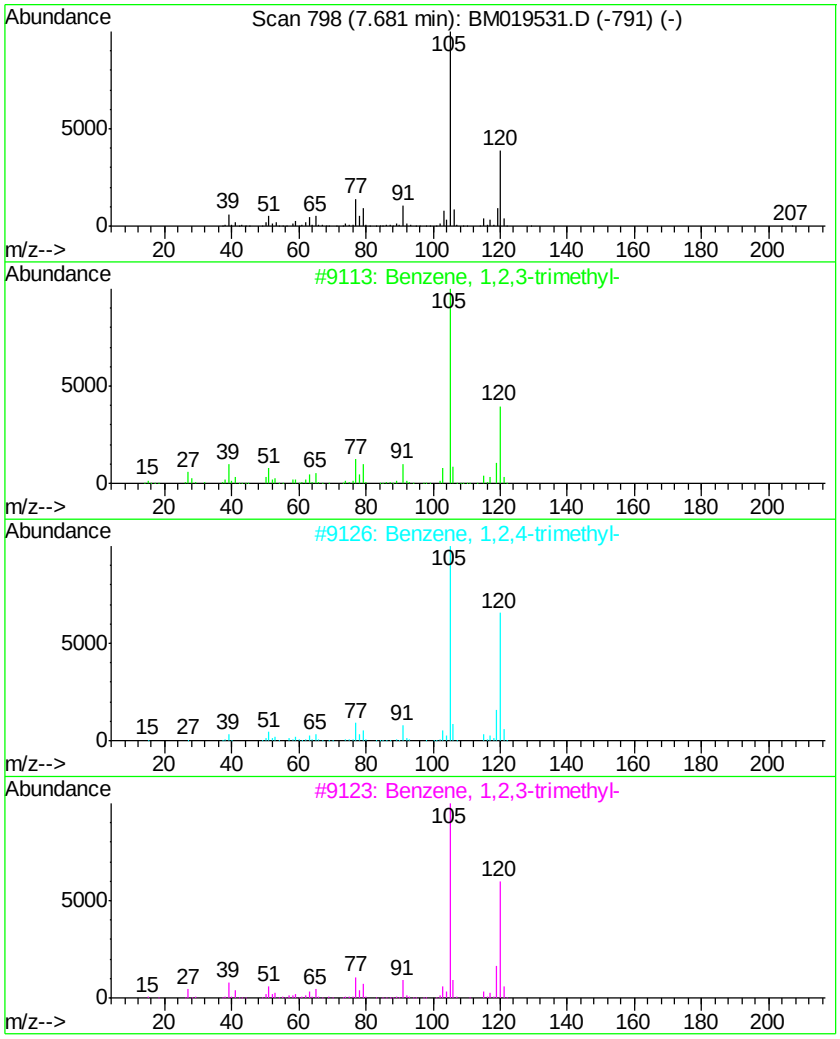
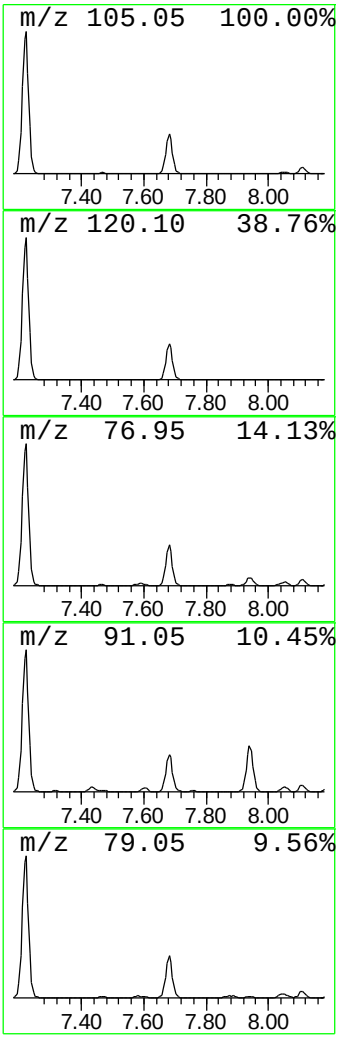
Peak Number 23 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	55.90 ng/ul	2075000	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





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Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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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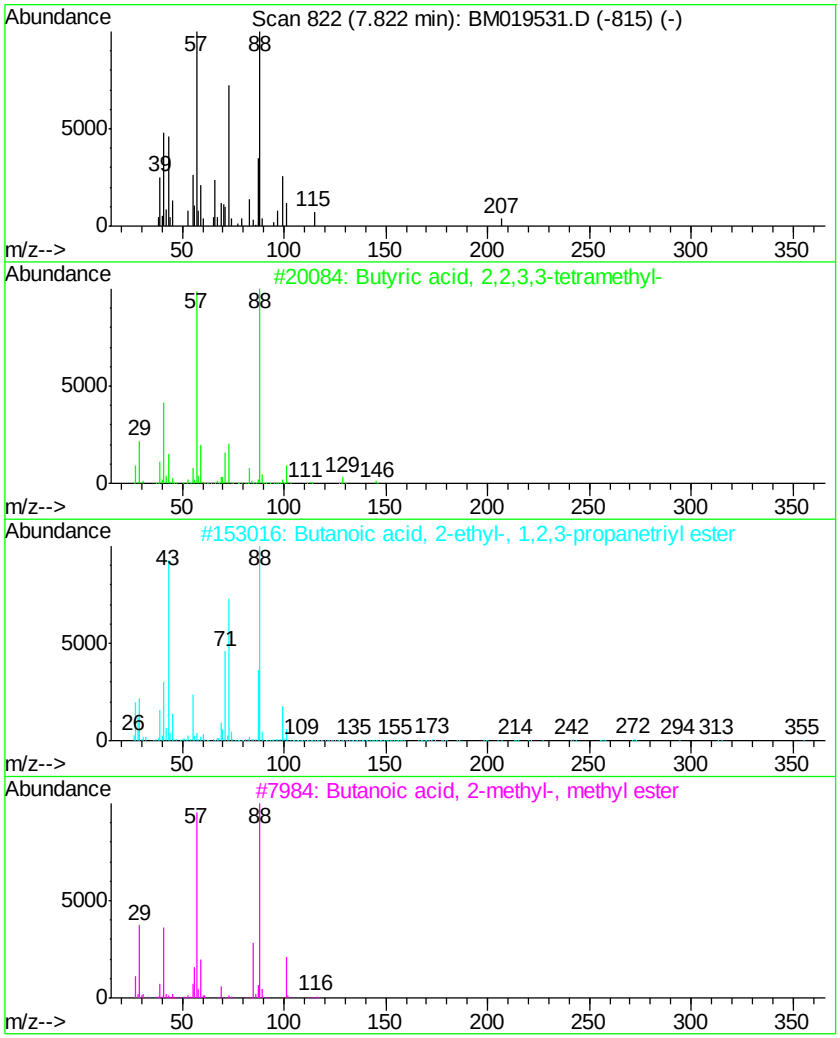
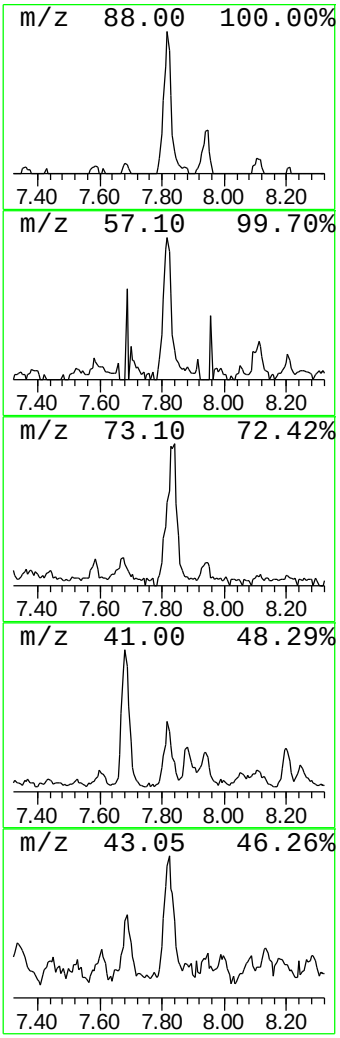
Peak Number 24 unknown-03 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	3.69 ng/ul	137139	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	42
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	40
3	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	38
4	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	38
5	3-Furanol, tetrahydro-	88	C4H8O2	000453-20-3	35





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Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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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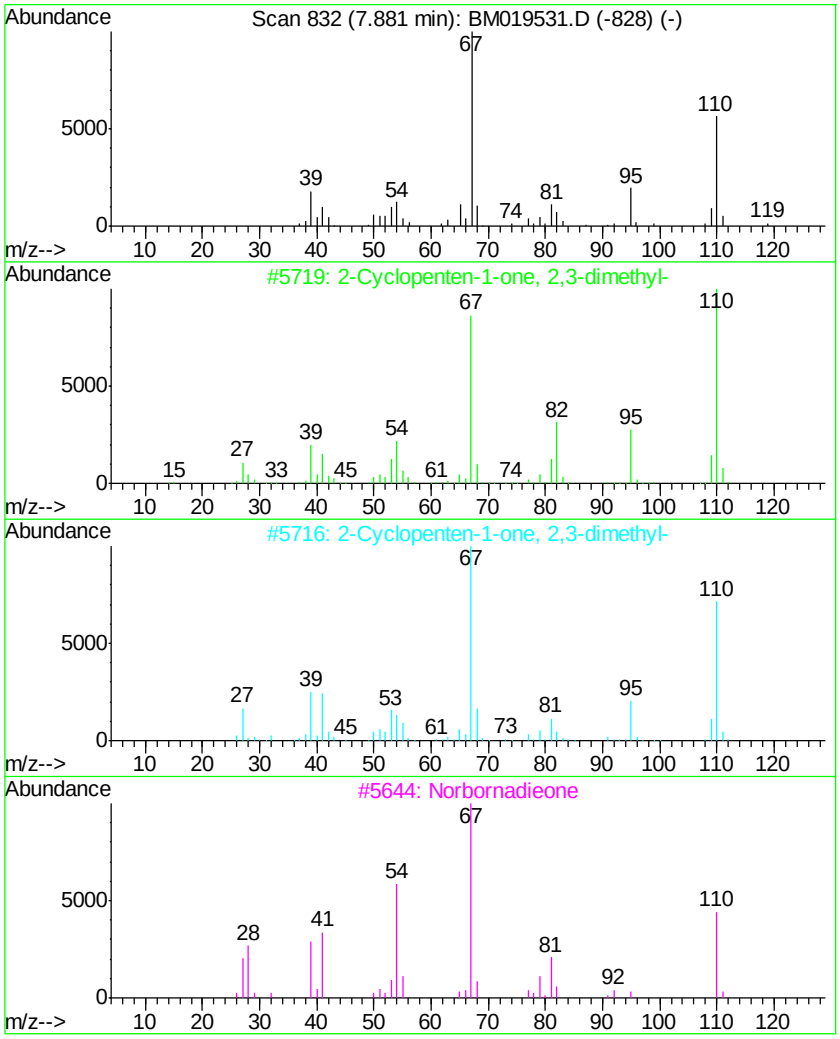
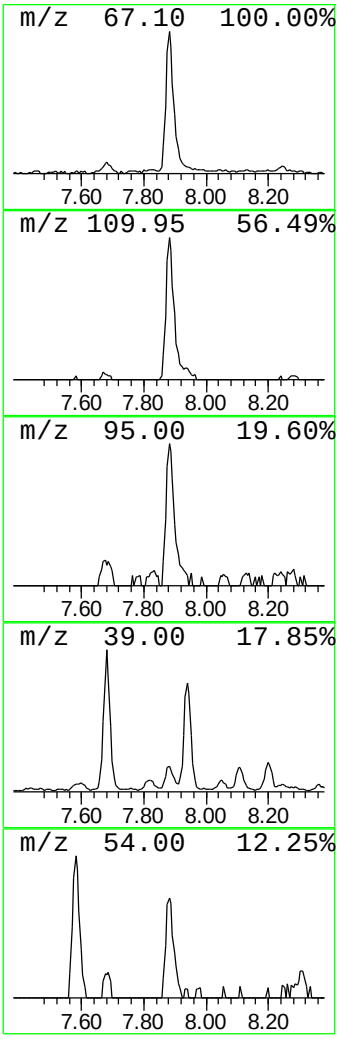
Peak Number 25 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	4.22 ng/ul	156529	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	76
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	62
3	Norbornadieone	110	C7H10O	010218-02-7	58
4	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	49
5	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	47





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Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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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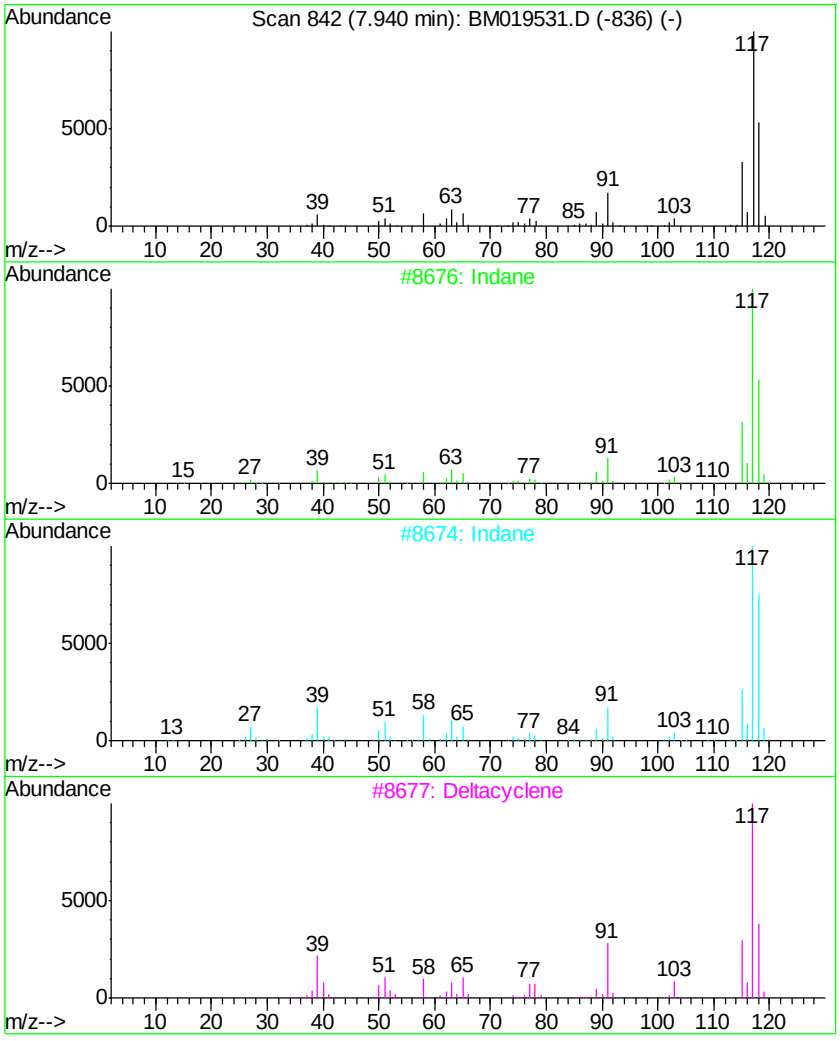
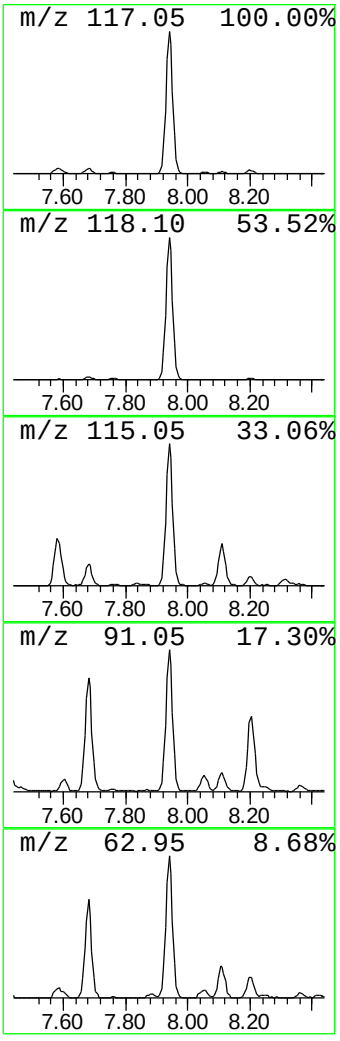
Peak Number 26 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	47.60 ng/ul	1767080	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	91
3	Deltacyclene	118	C9H10	007785-10-6	74
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Library Search Compound Report

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Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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Quant Title : SVOA CALIBRATION

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

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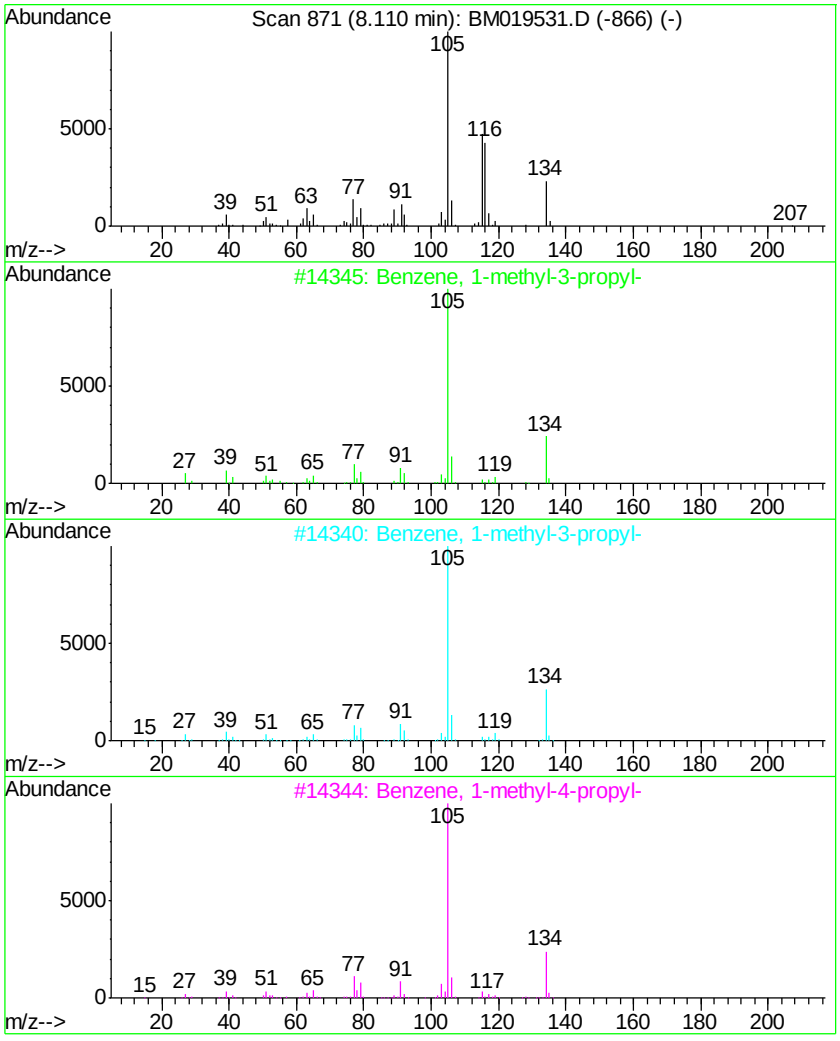
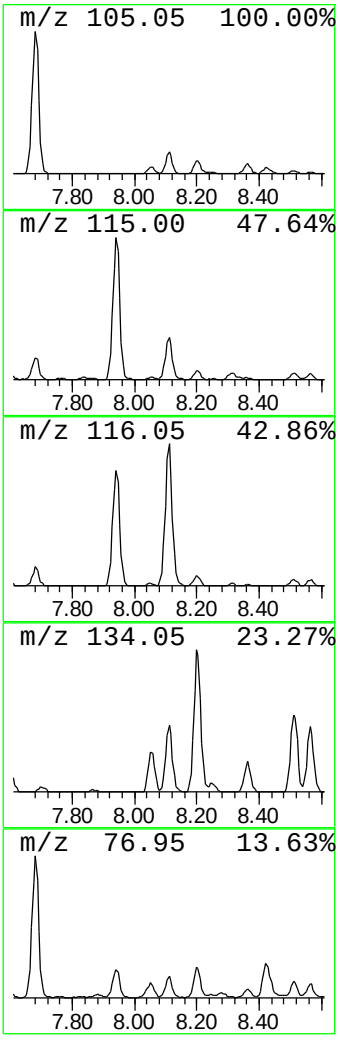
Peak Number 27 unknown-04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	12.30 ng/ul	456641	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	46
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	46
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	42





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Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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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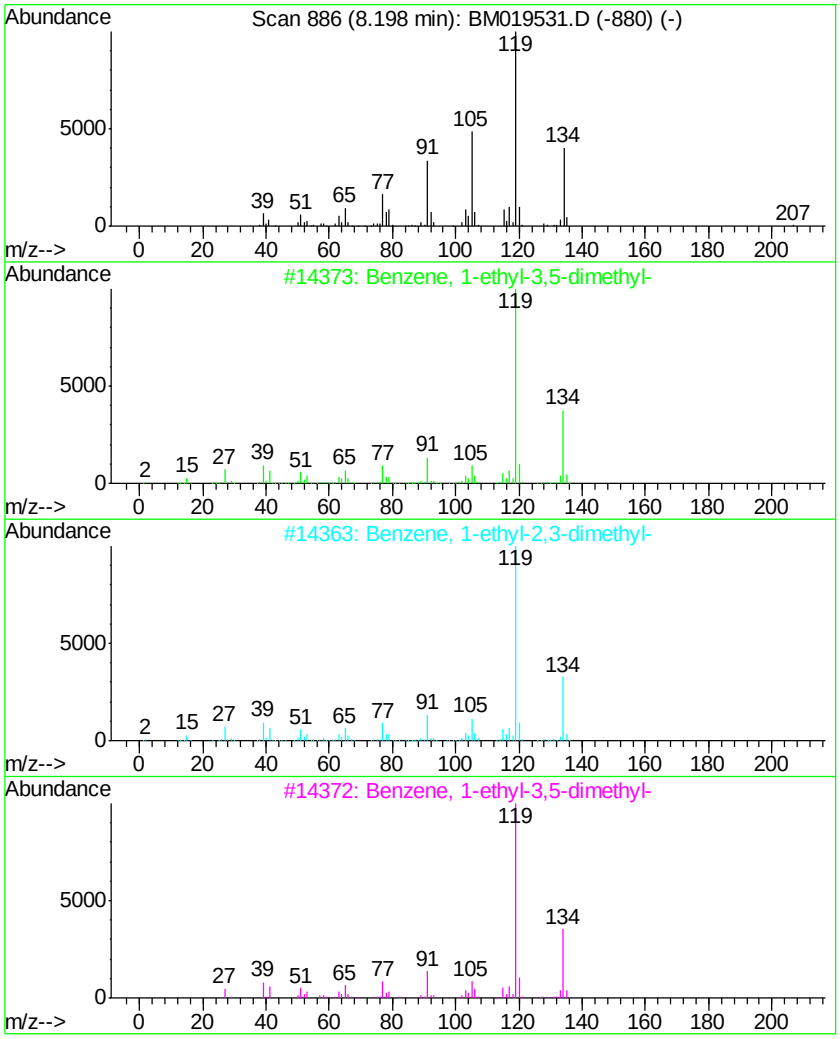
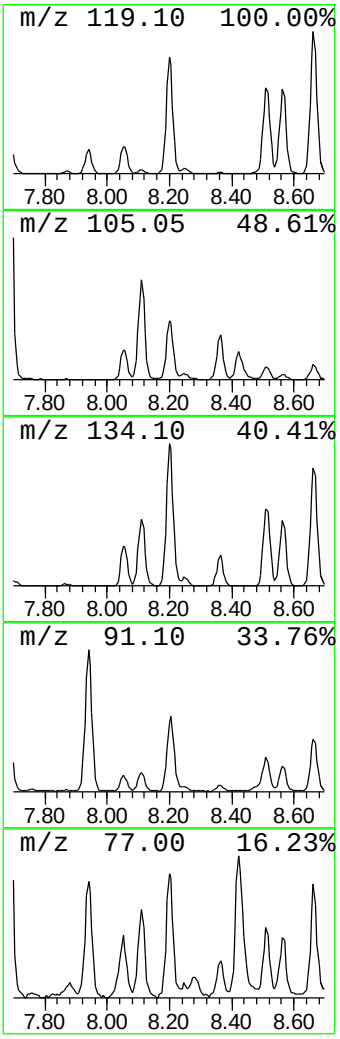
Peak Number 28 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	15.43 ng/ul	572658	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93





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Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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

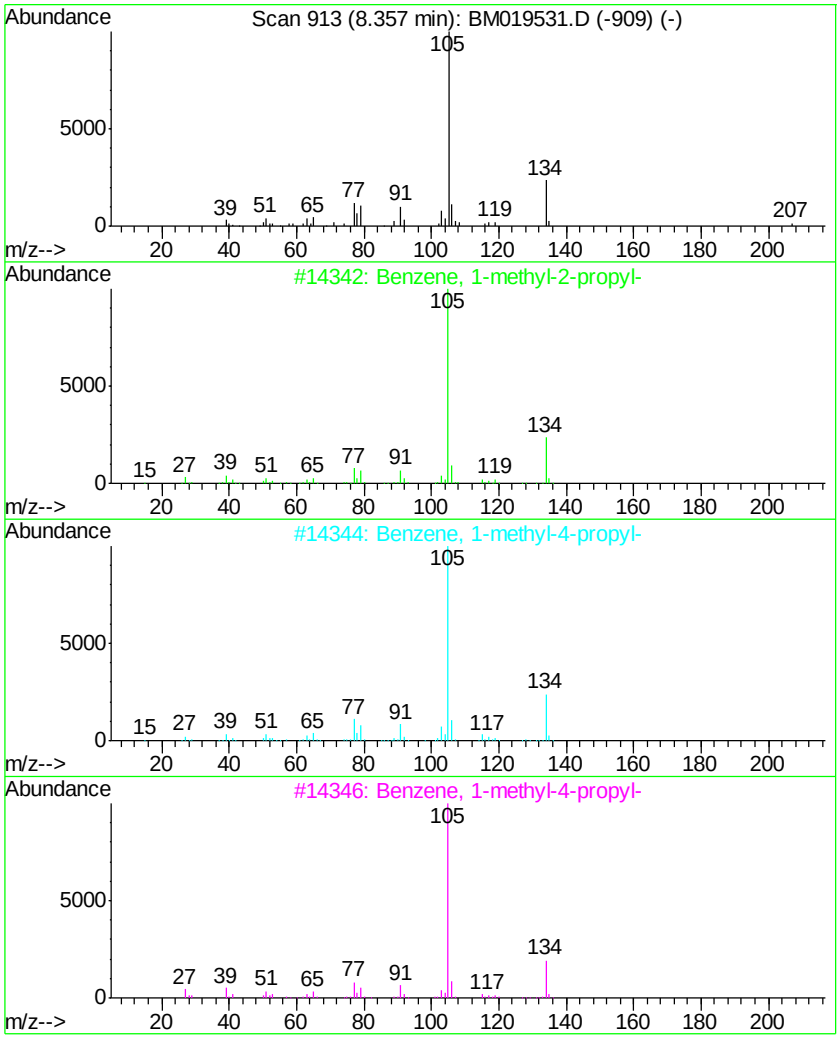
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

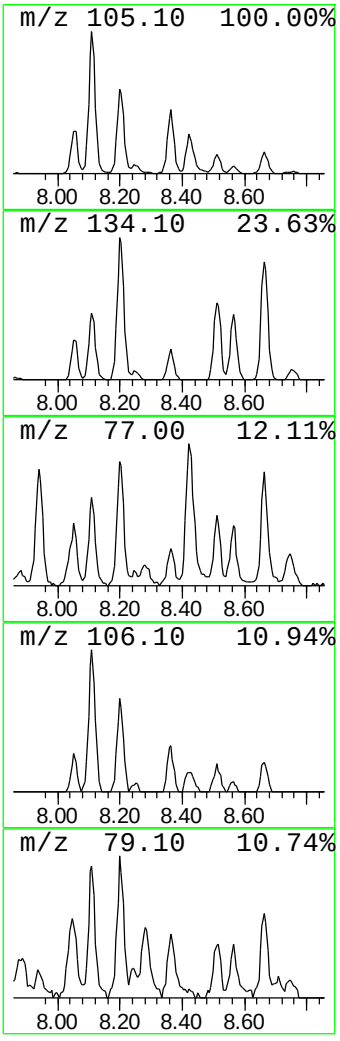
****

Peak Number 29 Benzene, 1-methyl-2-propyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	2.94 ng/ul	109006	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5	2-Tolyloxirane	134	C9H10O	002783-26-8	87





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Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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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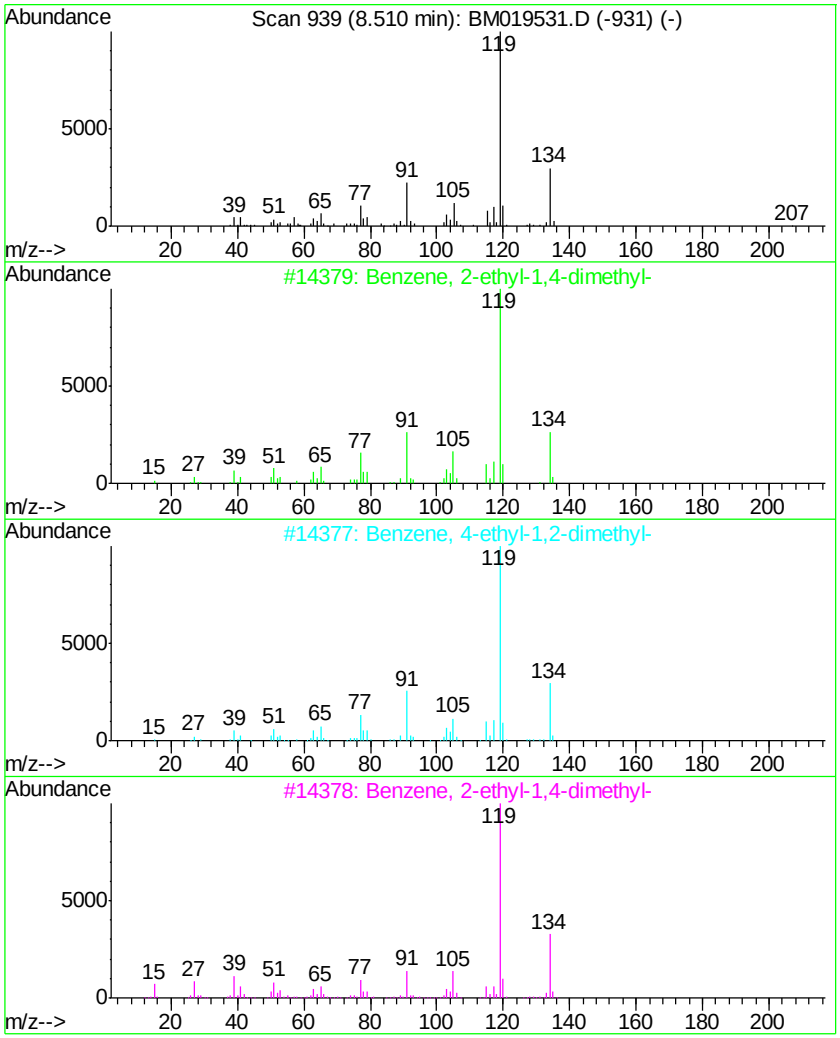
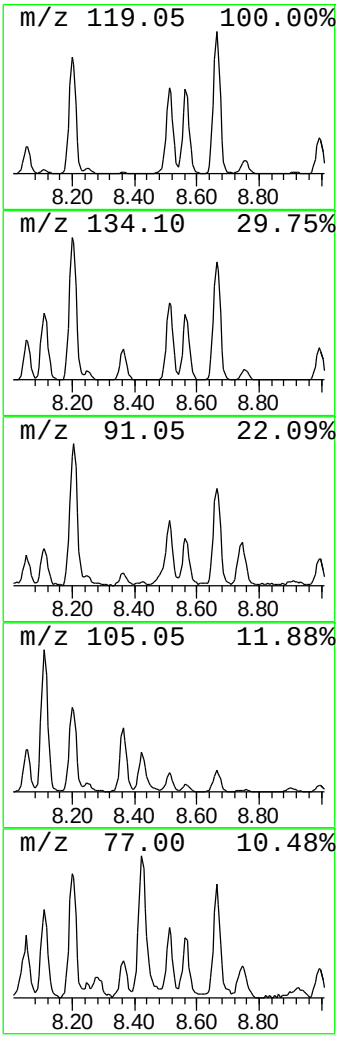
Peak Number 30 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	9.47 ng/ul	351568	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-4-(1-methyleth...	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Library Search Compound Report

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Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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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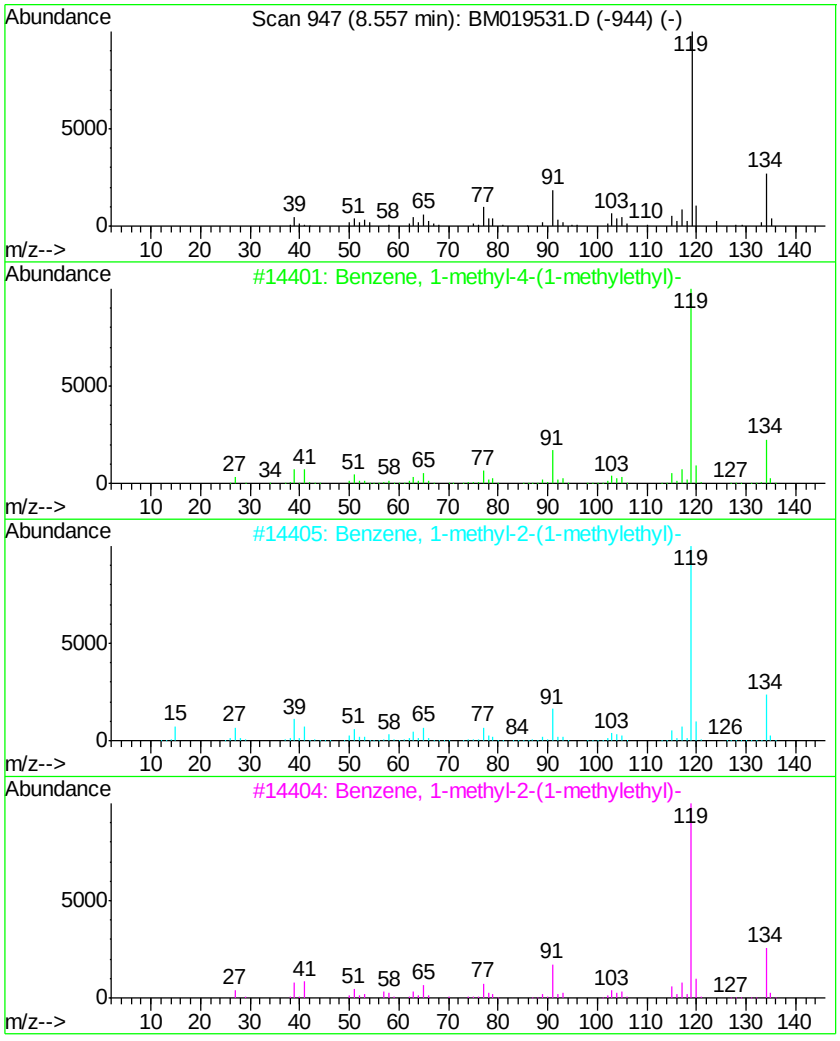
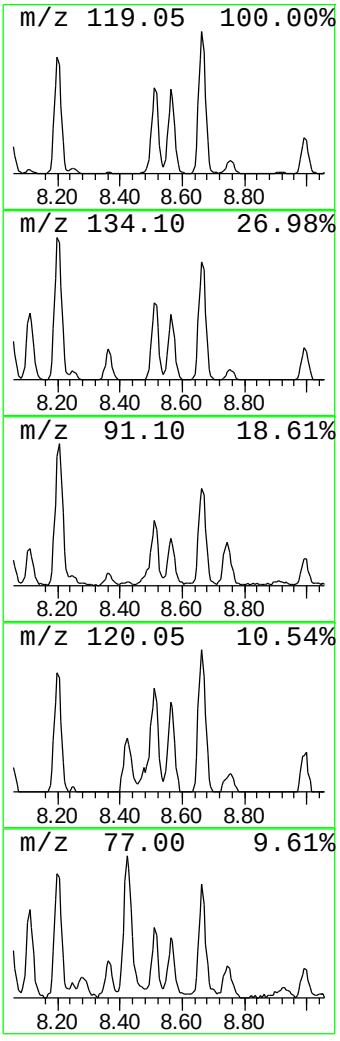
Peak Number 31 Benzene, 1-methyl-4-(1-meth... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	8.62 ng/ul	320092	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





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Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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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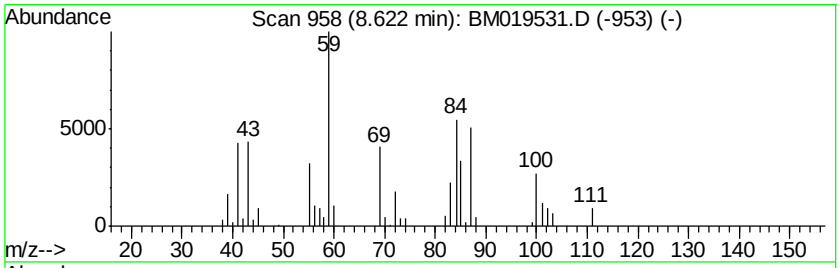
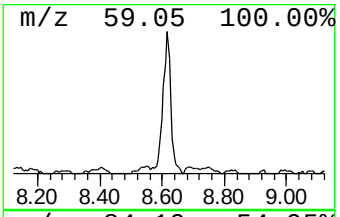
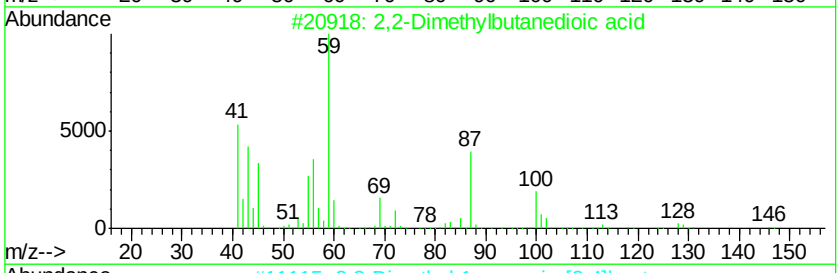
Peak Number 32 unknown-05 Concentration Rank 31

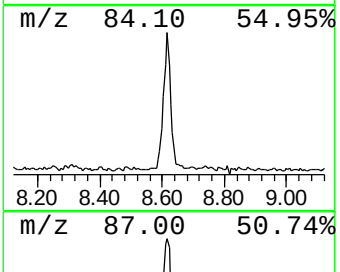
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	6.27 ng/ul	232600	1,4-Dichlorobenzene-d4	7.58

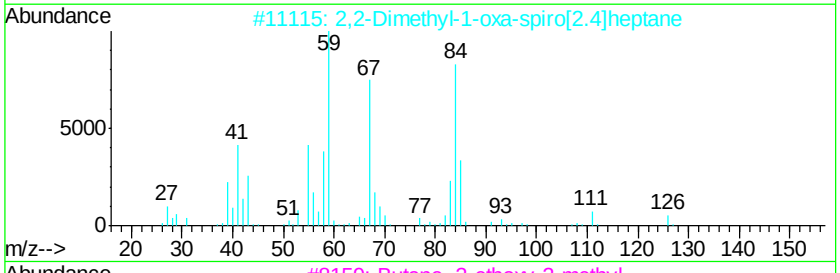
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	40
2	2,2-Dimethyl-1-oxa-spiro[2.4]hep...	126	C8H14O	042393-57-7	33
3	Butane, 2-ethoxy-2-methyl-	116	C7H16O	000919-94-8	32
4	Allyldimethylsilane	100	C5H12Si	003937-30-2	27
5	3-Heptanol	116	C7H16O	000589-82-2	25

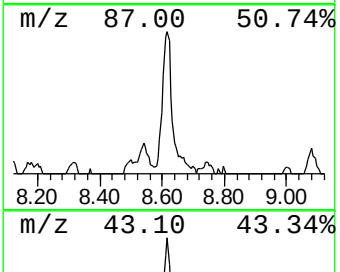


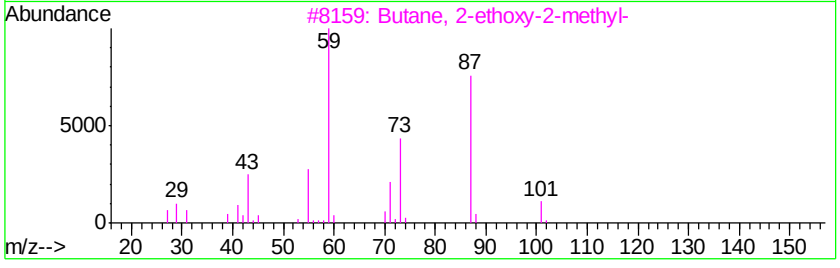


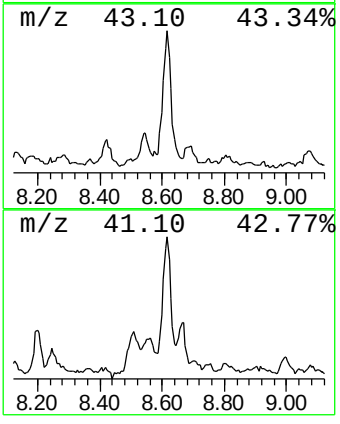












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Data File : BM019531.D
Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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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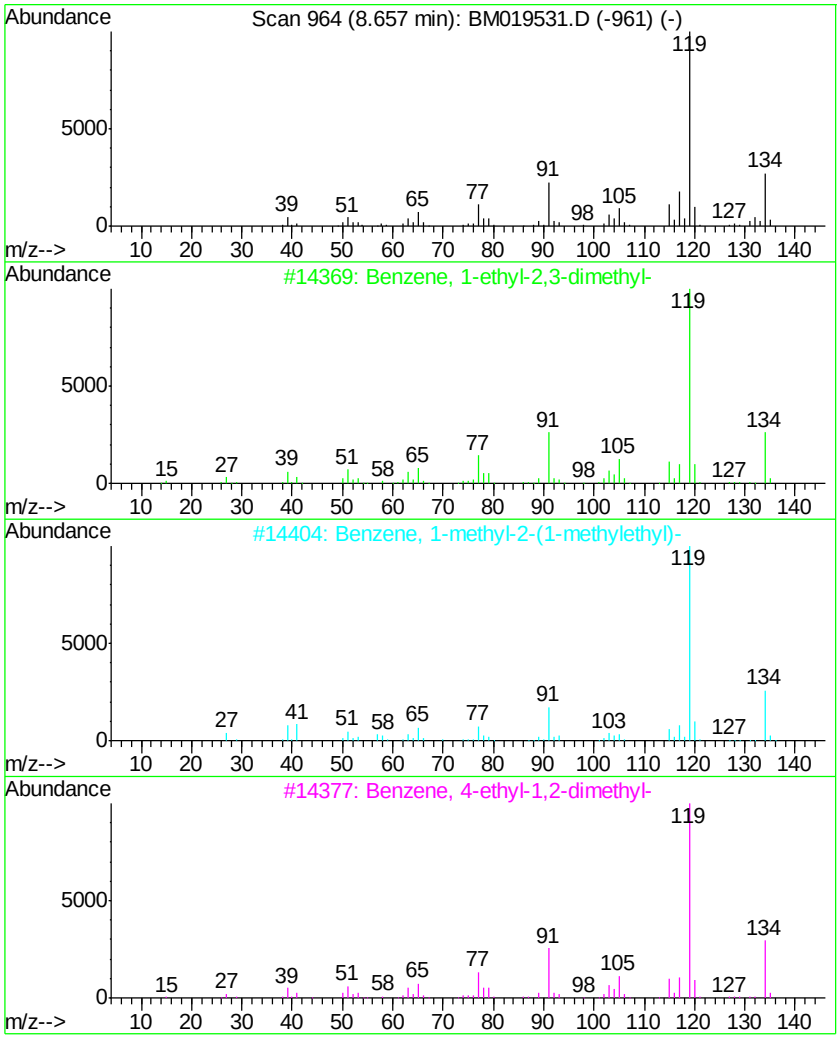
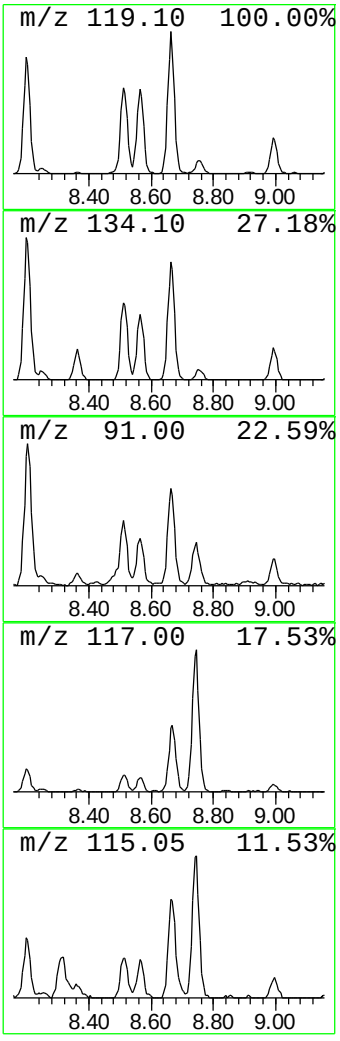
Peak Number 33 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	15.37 ng/ul	570666	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019531.D
Acq On : 28 Mar 2019 07:08
Operator : JU/SJ
Sample : K2063-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S3DL

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	15.3	ng/ul	568311	1	7.58	742408	20.0
3-Pentanol, 3-met...	3.63	17.7	ng/ul	658217	1	7.58	742408	20.0
3-Hexanone	3.98	3.2	ng/ul	117507	1	7.58	742408	20.0
unknown-01	4.05	2.4	ng/ul	90523	1	7.58	742408	20.0
Oxirane, butyl-	4.12	10.1	ng/ul	375014	1	7.58	742408	20.0
2-Hexanol, 2-methyl-	4.60	8.9	ng/ul	331787	1	7.58	742408	20.0
3-Hexanol, 3-methyl-	4.77	11.6	ng/ul	430177	1	7.58	742408	20.0
1,3-Dimethylcyclo...	4.82	11.1	ng/ul	413647	1	7.58	742408	20.0
Benzene, 1,3-dime...	5.60	447.0	ng/ul	16591600	1	7.58	742408	20.0
1-Methylcyclohexanol	5.69	4.7	ng/ul	172480	1	7.58	742408	20.0
unknown-02	5.73	3.2	ng/ul	117199	1	7.58	742408	20.0
Benzene, (1-methy...	6.07	14.0	ng/ul	519921	1	7.58	742408	20.0
3-Heptanol, 3-met...	6.26	4.2	ng/ul	157425	1	7.58	742408	20.0
Benzene, propyl-	6.56	25.0	ng/ul	926756	1	7.58	742408	20.0
Benzene, 1-ethyl-...	6.66	110.9	ng/ul	4116940	1	7.58	742408	20.0
Benzene, 1,3,5-tr...	6.80	48.5	ng/ul	1800310	1	7.58	742408	20.0
Benzene, 1,2,3-tr...	7.22	197.7	ng/ul	7339470	1	7.58	742408	20.0
Benzene, 1,2,4-tr...	7.68	55.9	ng/ul	2075000	1	7.58	742408	20.0
unknown-03	7.82	3.7	ng/ul	137139	1	7.58	742408	20.0
2-Cyclopenten-1-o...	7.88	4.2	ng/ul	156529	1	7.58	742408	20.0
Indane	7.94	47.6	ng/ul	1767080	1	7.58	742408	20.0
unknown-04	8.11	12.3	ng/ul	456641	1	7.58	742408	20.0
Benzene, 1-ethyl-...	8.20	15.4	ng/ul	572658	1	7.58	742408	20.0
Benzene, 1-methyl...	8.36	2.9	ng/ul	109006	1	7.58	742408	20.0
Benzene, 2-ethyl-...	8.51	9.5	ng/ul	351568	1	7.58	742408	20.0
Benzene, 1-methyl...	8.56	8.6	ng/ul	320092	1	7.58	742408	20.0
unknown-05	8.62	6.3	ng/ul	232600	1	7.58	742408	20.0
Benzene, 1-ethyl-...	8.66	15.4	ng/ul	570666	1	7.58	742408	20.0