LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019482.D
Acq On : 26 Mar 2019 22:18
Operator : JU/SJ
Sample : K2063-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0

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	3.175	28	32	37	rVV	445199	628257	0.29%	0.051%
2	3.399	65	70	78	rVB	5350378	7716981	3.55%	0.623%
3	3.652	105	113	125	rVB	3843237	7416726	3.41%	0.598%
4	3.887	139	153	158	rBV2	48634513	184420740	84.88%	14.882%
5	3.993	167	171	177	rBV2	281627	565565	0.26%	0.046%
6	4.075	182	185	191	rVB	868234	1185505	0.55%	0.096%
7	4.140	191	196	200	rBV	1755073	2530753	1.16%	0.204%
8	4.457	244	250	256	rBV2	717416	1210598	0.56%	0.098%
9	4.622	273	278	288	rVV	2580326	4546990	2.09%	0.367%
10	4.728	292	296	302	rVV4	356098	790050	0.36%	0.064%
11	4.798	302	308	312	rVV	3198663	5218543	2.40%	0.421%
12	4.851	312	317	329	rVB	1601852	3038297	1.40%	0.245%
13	5.151	359	368	376	rVB2	40780551	89749035	41.31%	7.242%
14	5.316	381	396	402	rBV4	50617540	217282122	100.00%	17.534%
15	5.563	429	438	443	rVV	531757	1056730	0.49%	0.085%
16	5.669	443	456	460	rVV3	48357350	132852966	61.14%	10.721%
17	5.722	460	465	468	rVV	1279499	1968837	0.91%	0.159%
18	5.751	468	470	474	rVV	522576	583306	0.27%	0.047%
19	6.098	519	529	541	rVB2	4664174	8536151	3.93%	0.689%
20	6.275	550	559	569	rVB	1269721	2174032	1.00%	0.175%
21	6.581	605	611	621	rVB	11066132	16599614	7.64%	1.340%
22	6.704	621	632	636	rBV2	34390264	62579915	28.80%	5.050%
23	6.757	636	641	647	rVV	20004783	27899391	12.84%	2.251%
24	6.834	647	654	660	rVB	20717314	30425112	14.00%	2.455%
25	6.992	670	681	694	rVB	19268766	30912056	14.23%	2.494%
26	7.151	702	708	712	rBV2	687601	1220373	0.56%	0.098%
27	7.198	712	716	718	rVV	454088	676464	0.31%	0.055%
28	7.275	718	729	733	rVV2	42429793	98259765	45.22%	7.929%
29	7.457	755	760	762	rVV	546674	812575	0.37%	0.066%
30	7.487	762	765	774	rVB4	630764	1197079	0.55%	0.097%
31	7.628	780	789	795	rBV2	1324231	3207071	1.48%	0.259%
32	7.716	795	804	810	rBV	20967270	33806599	15.56%	2.728%
33	7.787	810	816	823	rVB4	259890	553410	0.25%	0.045%
34	7.857	823	828	830	rBV2	568086	809792	0.37%	0.065%

LSC Area Percent Report

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Data File : BM019482.D
Acq On : 26 Mar 2019 22:18
Operator : JU/SJ
Sample : K2063-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0

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	7.898	830	835	840	rVB	2907759	4613877	2.12%	0.372%
36	7.975	840	848	854	rBV	16042852	24970485	11.49%	2.015%
37	8.075	858	865	869	rBV	2280322	3341991	1.54%	0.270%
38	8.134	869	875	881	rVB	5488358	8280273	3.81%	0.668%
39	8.222	881	890	896	rBV	7843010	12973776	5.97%	1.047%
40	8.322	904	907	912	rVB	436994	632286	0.29%	0.051%
41	8.386	912	918	922	rBV	1588632	2596570	1.20%	0.210%
42	8.534	932	943	948	rBV	4007655	6663845	3.07%	0.538%
43	8.586	948	952	960	rVB	3853358	5714792	2.63%	0.461%
44	8.686	960	969	978	rBV	7468633	12815949	5.90%	1.034%
45	8.769	978	983	989	rVB3	3573712	5674752	2.61%	0.458%
46	8.934	1001	1011	1019	rVB6	363417	1197431	0.55%	0.097%
47	9.016	1019	1025	1033	rBV	2050735	3630726	1.67%	0.293%
48	9.204	1049	1057	1062	rBV	3975302	6281509	2.89%	0.507%
49	9.269	1062	1068	1076	rVB	5600790	8428544	3.88%	0.680%
50	9.375	1081	1086	1089	rBV2	325974	512595	0.24%	0.041%
51	9.481	1096	1104	1114	rVB3	617221	2178259	1.00%	0.176%
52	9.581	1114	1121	1124	rBV2	512470	1005953	0.46%	0.081%
53	9.628	1124	1129	1136	rVB	4018583	6116609	2.82%	0.494%
54	9.781	1143	1155	1160	rBV2	7668037	13366380	6.15%	1.079%
55	9.833	1160	1164	1169	rVB3	781110	1387973	0.64%	0.112%
56	9.904	1169	1176	1182	rBV4	323025	1007690	0.46%	0.081%
57	10.016	1188	1195	1201	rVB3	1617498	2776590	1.28%	0.224%
58	10.098	1201	1209	1215	rVB2	951387	2037956	0.94%	0.164%
59	10.263	1231	1237	1240	rBV2	237514	462119	0.21%	0.037%
60	10.328	1244	1248	1251	rBV2	597692	926936	0.43%	0.075%
61	10.363	1251	1254	1260	rVV2	593946	1284593	0.59%	0.104%
62	10.451	1260	1269	1274	rVB	19261517	34802080	16.02%	2.808%
63	10.557	1281	1287	1298	rVB2	574990	1440722	0.66%	0.116%
64	10.810	1327	1330	1341	rVB4	176691	429161	0.20%	0.035%
65	10.945	1341	1353	1358	rBV4	594135	2021125	0.93%	0.163%
66	11.028	1359	1367	1372	rVB2	576757	1085879	0.50%	0.088%
67	11.092	1372	1378	1385	rVB5	277951	618829	0.28%	0.050%
68	11.286	1392	1411	1414	rBV3	1460990	4960285	2.28%	0.400%
69	11.416	1424	1433	1438	rBV2	573127	1134162	0.52%	0.092%
70	11.480	1439	1444	1451	rVV	395503	803870	0.37%	0.065%
71	11.563	1454	1458	1464	rVV2	283404	547844	0.25%	0.044%

LSC Area Percent Report

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Acq On : 26 Mar 2019 22:18
Operator : JU/SJ
Sample : K2063-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0

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	11.627	1464	1469	1477	rVB2	240395	428839	0.20%	0.035%
73	11.704	1477	1482	1487	rBV2	479632	774025	0.36%	0.062%
74	11.763	1487	1492	1494	rVV3	366560	561685	0.26%	0.045%
75	11.792	1494	1497	1506	rVB	621381	1019197	0.47%	0.082%
76	12.057	1530	1542	1551	rVB	8123328	13003924	5.98%	1.049%
77	12.227	1566	1571	1573	rBV2	325989	504568	0.23%	0.041%
78	12.280	1573	1580	1586	rVV	4080051	6584823	3.03%	0.531%
79	12.422	1597	1604	1606	rBV2	332631	630513	0.29%	0.051%
80	12.516	1606	1620	1625	rVB	1531403	5288948	2.43%	0.427%
81	12.604	1627	1635	1638	rBV3	280042	565366	0.26%	0.046%
82	13.233	1736	1742	1746	rBV	341340	550609	0.25%	0.044%
83	13.280	1746	1750	1758	rVB2	198999	441185	0.20%	0.036%
84	13.404	1766	1771	1773	rBV3	406606	586382	0.27%	0.047%
85	13.433	1773	1776	1782	rVB2	658439	997922	0.46%	0.081%
86	13.569	1792	1799	1804	rBV	546779	1040790	0.48%	0.084%
87	13.621	1804	1808	1813	rVV	439296	634411	0.29%	0.051%
88	13.680	1813	1818	1824	rVB	1530909	2200288	1.01%	0.178%
89	13.951	1858	1864	1873	rVB	1916292	2998054	1.38%	0.242%
90	14.257	1908	1916	1922	rVV2	1395625	2274331	1.05%	0.184%
91	14.468	1942	1952	1957	rVV9	142418	461195	0.21%	0.037%
92	15.257	2080	2086	2092	rBV	2341703	3232556	1.49%	0.261%
93	15.398	2105	2110	2115	rBV	747360	1069869	0.49%	0.086%
94	17.015	2379	2385	2391	rBV2	1718262	2429553	1.12%	0.196%
95	17.115	2396	2402	2414	rBV	2751515	3773214	1.74%	0.304%
96	17.909	2529	2537	2550	rBV2	1001436	1968448	0.91%	0.159%
97	19.421	2788	2794	2802	rBV	3252451	4361766	2.01%	0.352%
98	21.221	3094	3100	3111	rBV	2189363	2895009	1.33%	0.234%
99	23.291	3445	3452	3462	rBV	2441610	4179922	1.92%	0.337%
100	23.433	3469	3476	3490	rVB	1386400	2620806	1.21%	0.211%

Sum of corrected areas: 1239234014

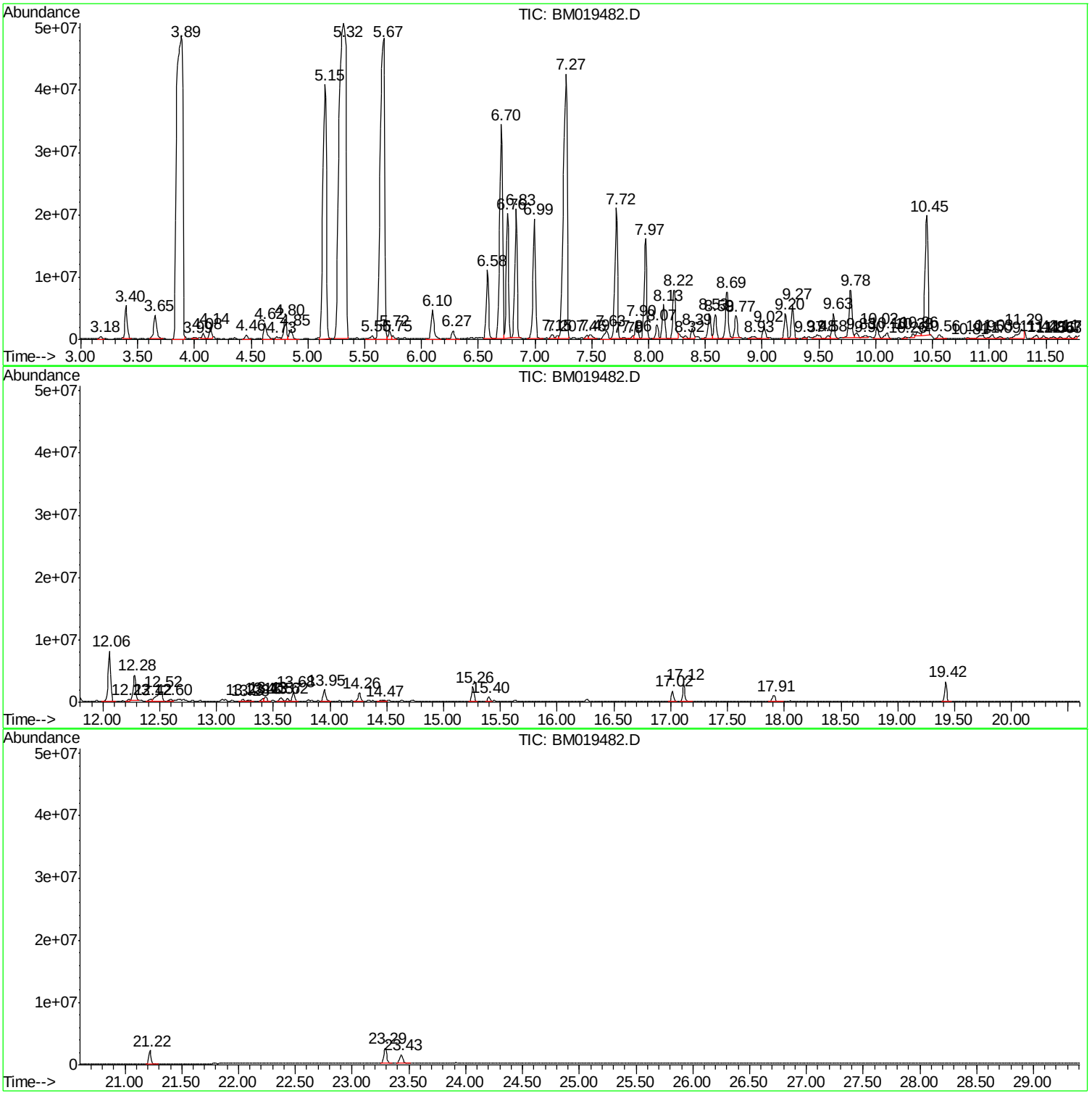
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019482.D
Acq On : 26 Mar 2019 22:18
Operator : JU/SJ
Sample : K2063-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB6S0

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\BM032619\
Data File : BM019482.D
Acq On : 26 Mar 2019 22:18
Operator : JU/SJ
Sample : K2063-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0

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

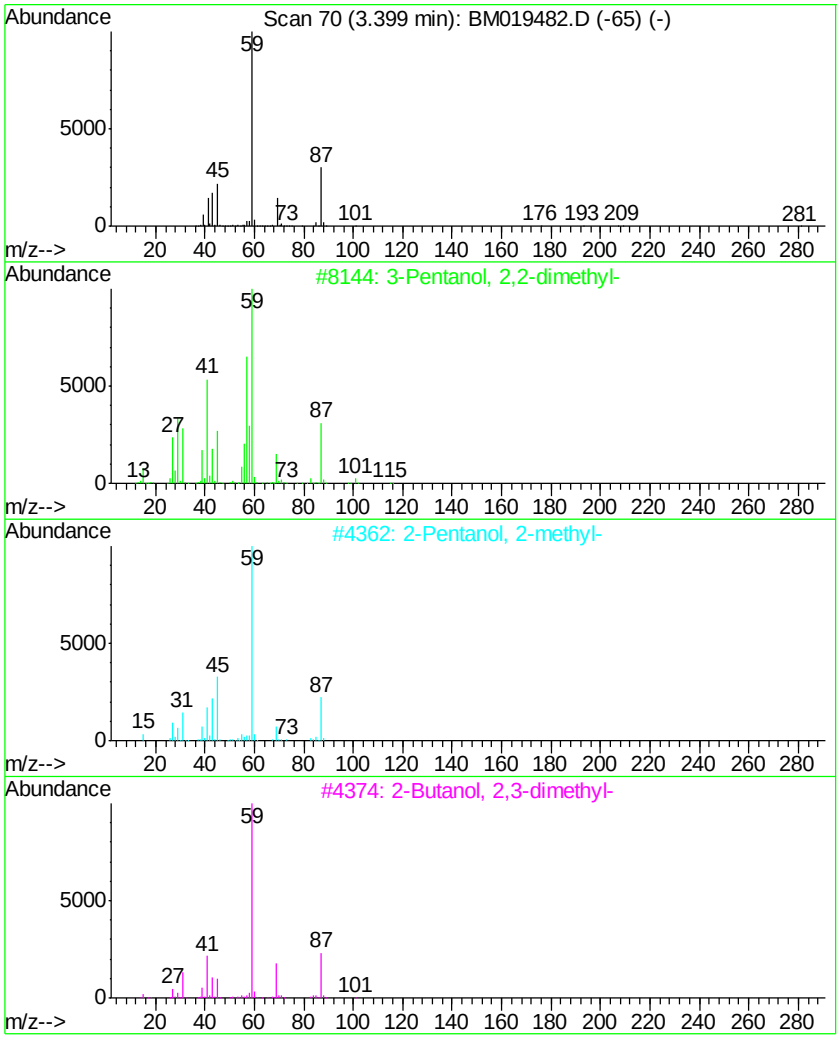
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

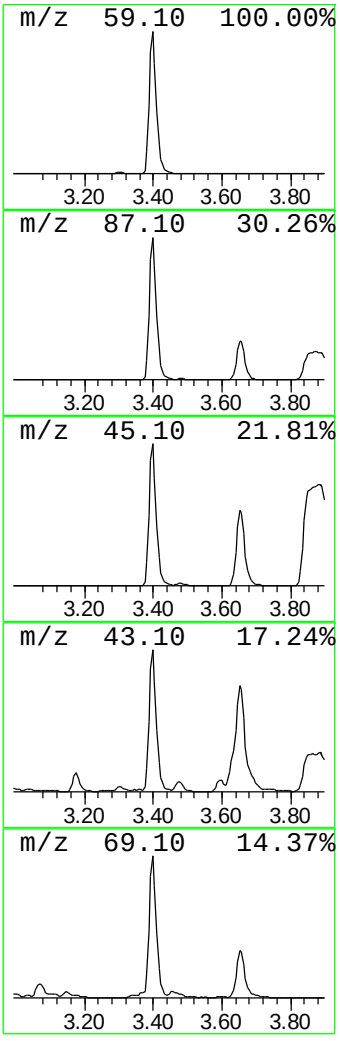
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	48.12 ng/ul	7716980	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	78
2	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	74
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	72
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\BM032619\
Data File : BM019482.D
Acq On : 26 Mar 2019 22:18
Operator : JU/SJ
Sample : K2063-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0

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

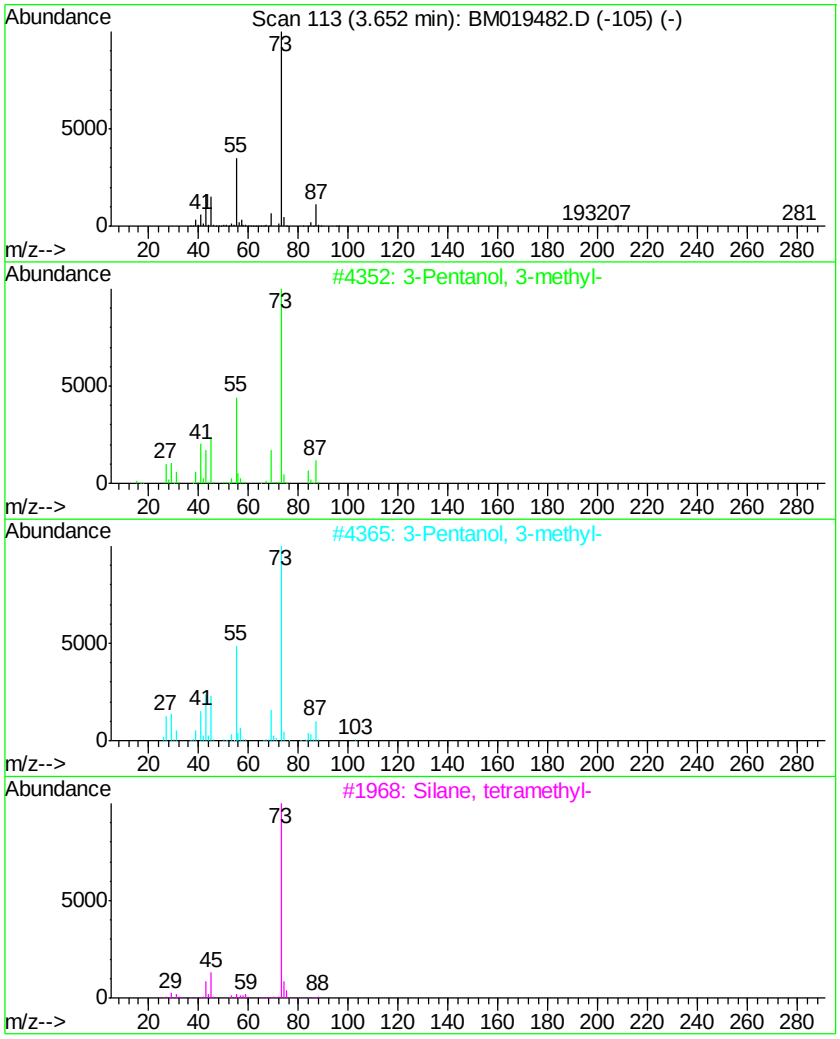
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

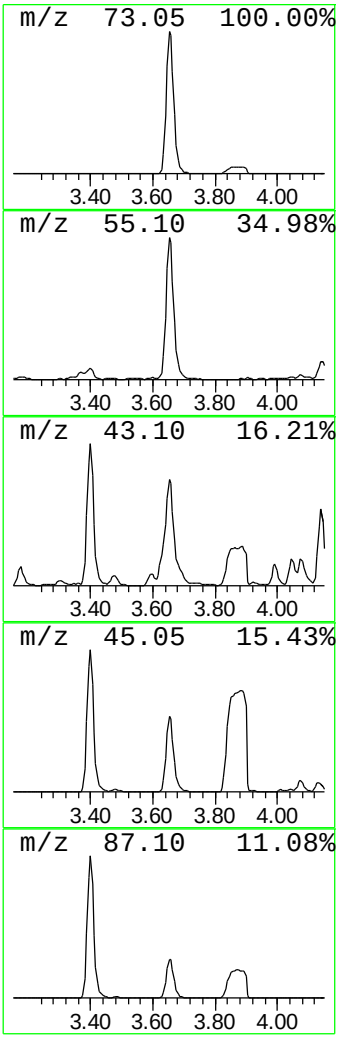
****

Peak Number 2 3-Pentanol, 3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	46.25 ng/ul	7416730	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	72
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
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\BM032619\
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Instrument : BNA_M
ClientSampleId : DB6S0

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

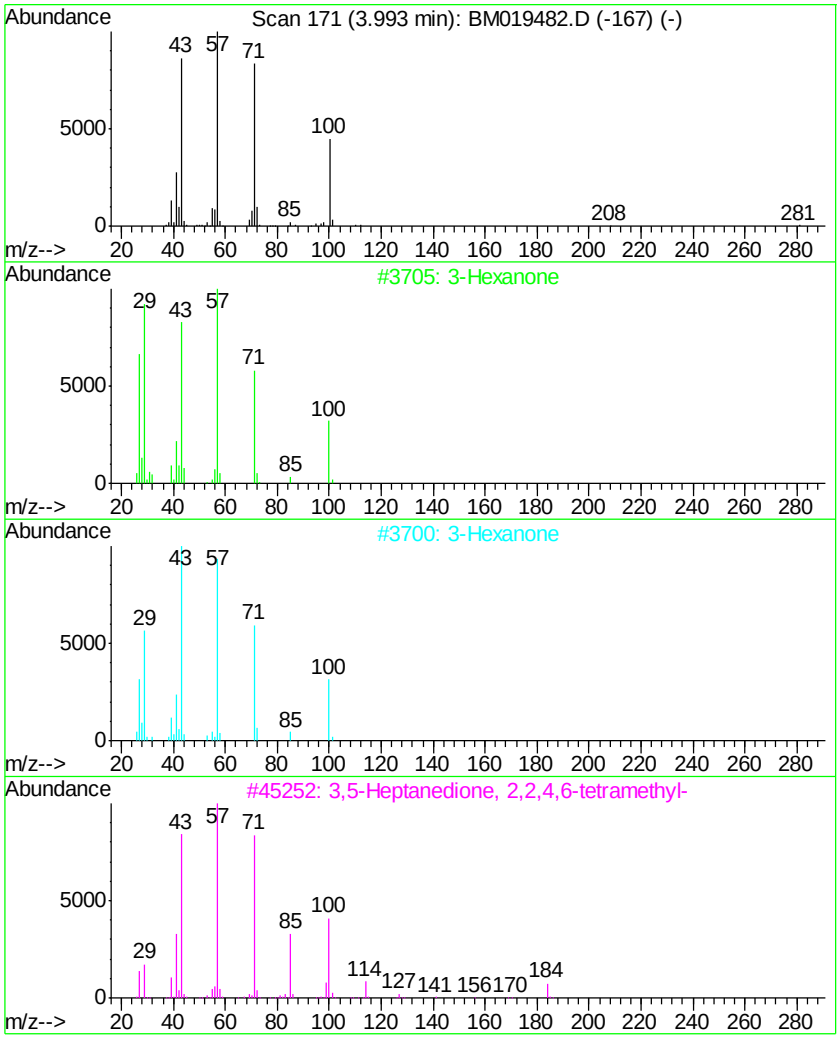
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

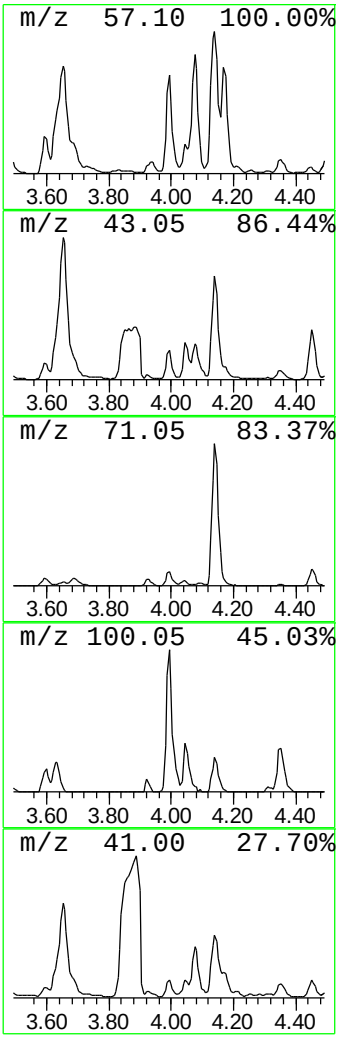
****

Peak Number 4 3-Hexanone Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	3.53 ng/ul	565565	1,4-Dichlorobenzene-d4	7.60

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	72
3	3,5-Heptanedione, 2,2,4,6-tetram...	184	C11H20O2	1000162-24-5	72
4	3-Hexanone	100	C6H12O	000589-38-8	64
5	3-Hexanone	100	C6H12O	000589-38-8	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019482.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0

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

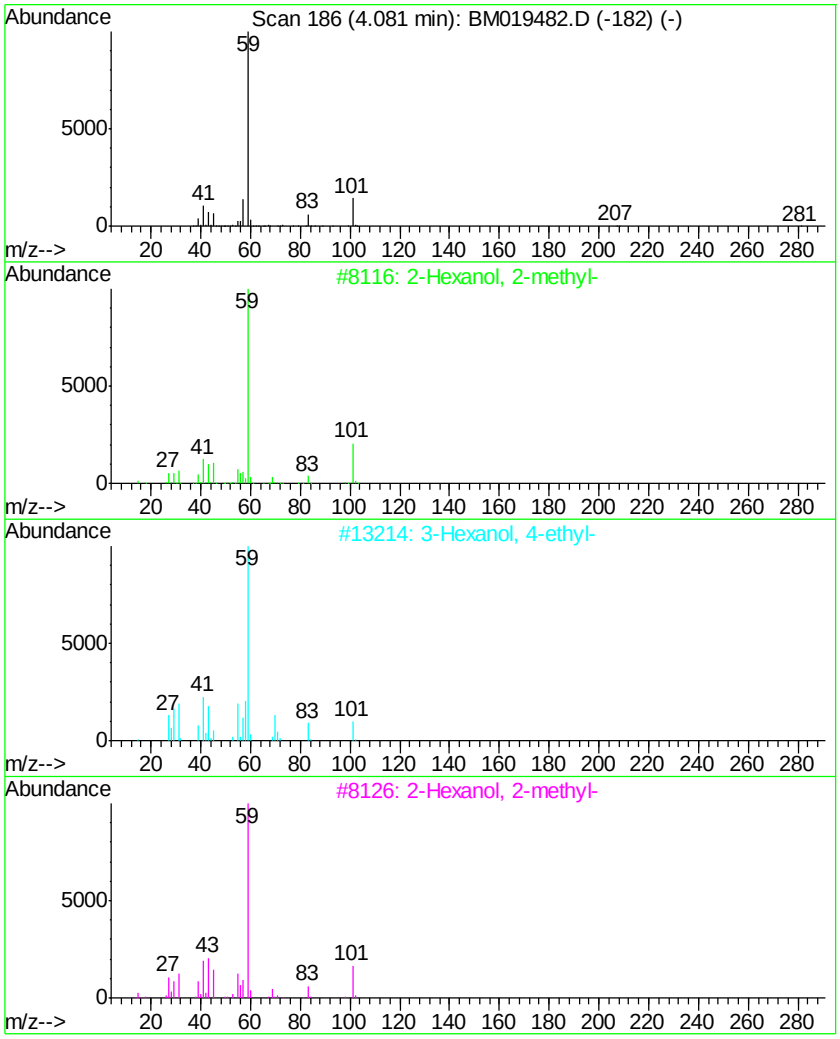
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

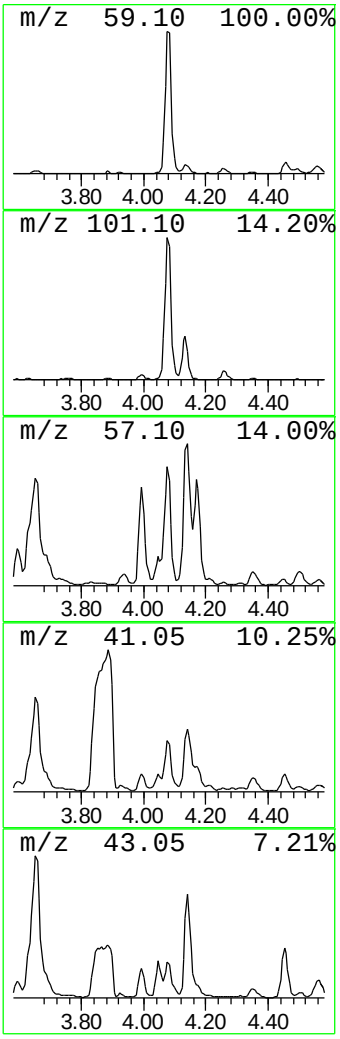
****

Peak Number 5 2-Hexanol, 2-methyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	7.39 ng/ul	1185510	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	64
2	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	64
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	64
4	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	56
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019482.D
Acq On : 26 Mar 2019 22:18
Operator : JU/SJ
Sample : K2063-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0

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

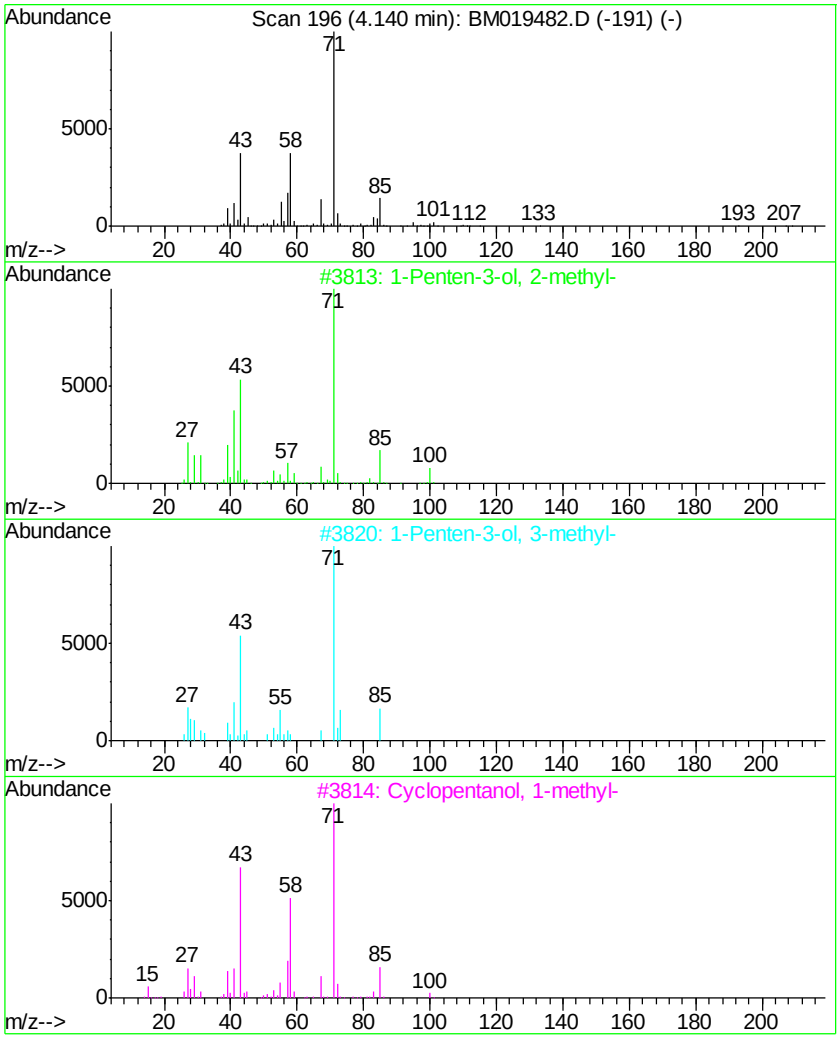
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

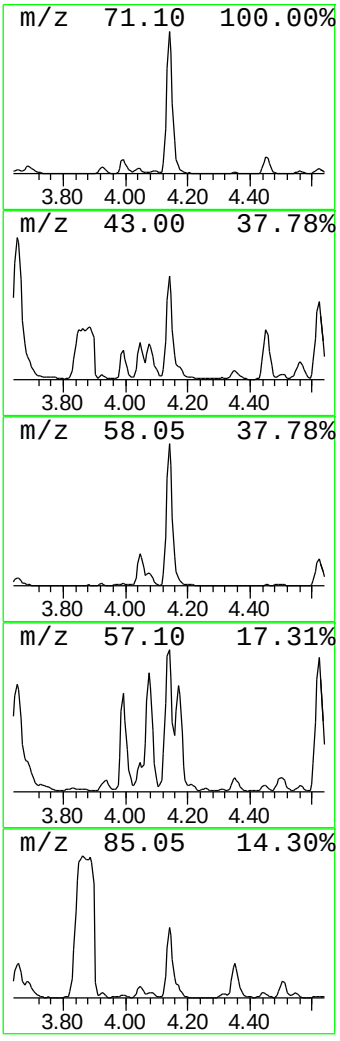
****

Peak Number 6 1-Penten-3-ol, 2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.14	15.78 ng/ul	2530750	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	64
2	1-Penten-3-ol, 3-methyl-	100	C6H12O	000918-85-4	53
3	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	47
4	4-Hexen-3-ol	100	C6H12O	004798-58-7	45
5	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	42





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Operator : JU/SJ
Sample : K2063-13
Misc :
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ClientSampleId : DB6S0

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Quant Title : SVOA CALIBRATION

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

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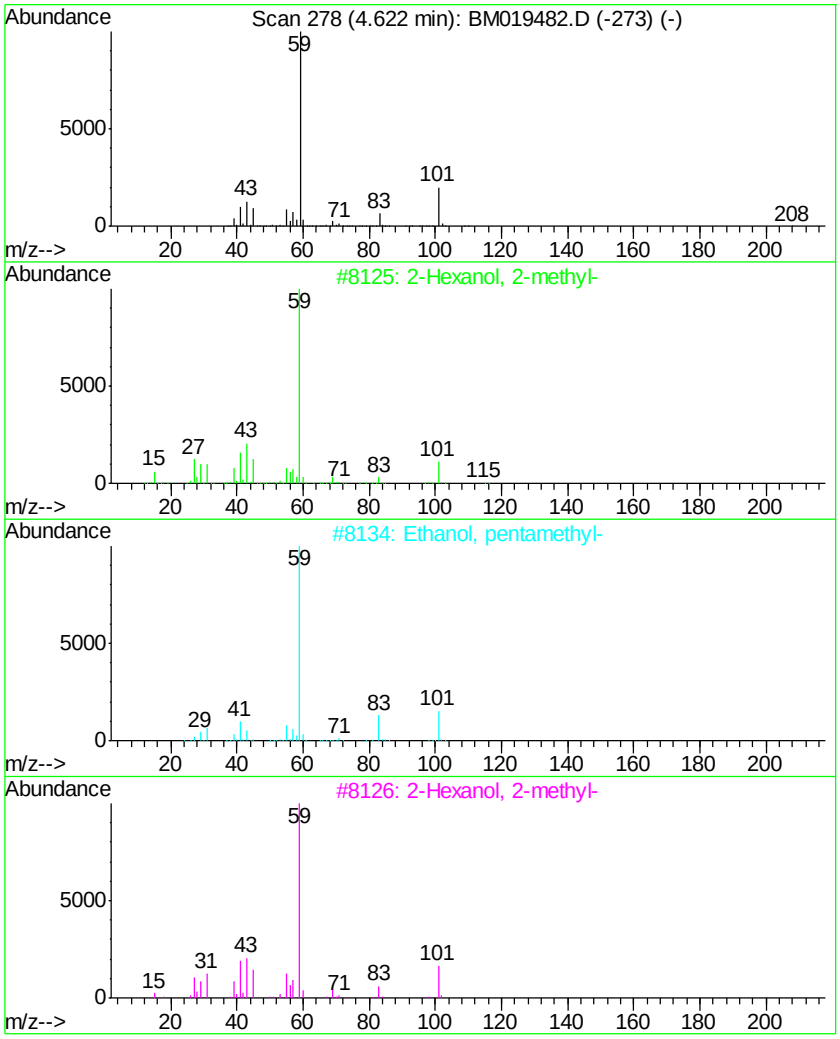
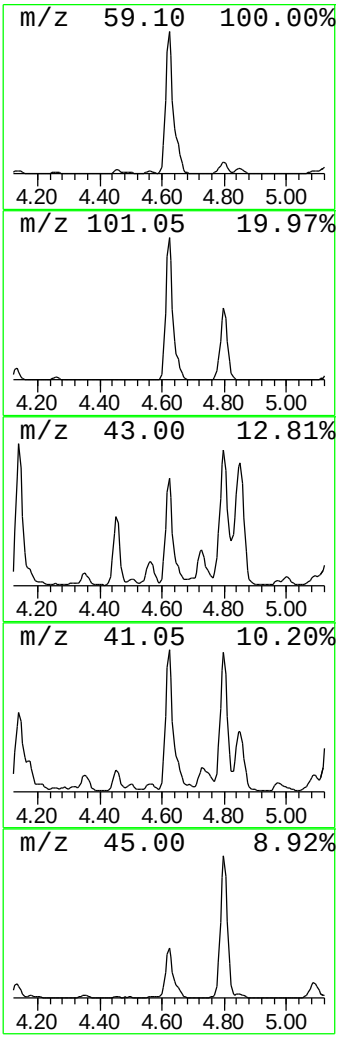
Peak Number 8 Ethanol, pentamethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	28.36 ng/ul	4546990	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	83
2	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	78
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	78
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	74
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	36





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Quant Title : SVOA CALIBRATION

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

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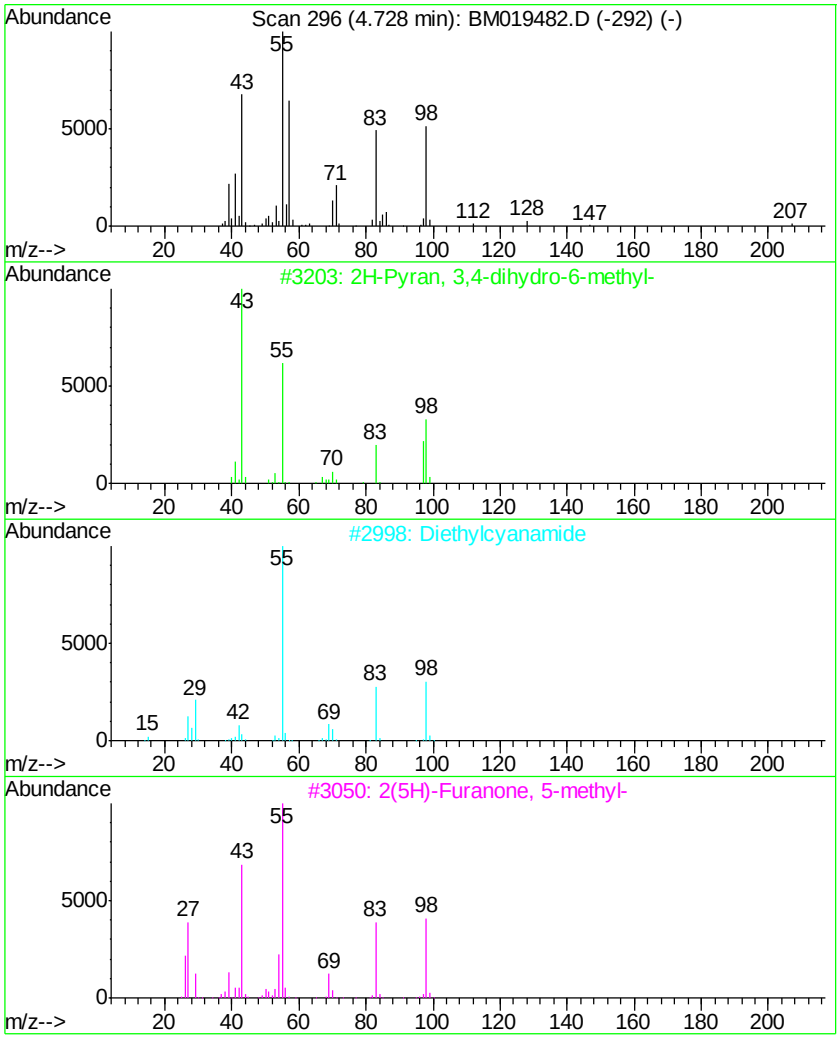
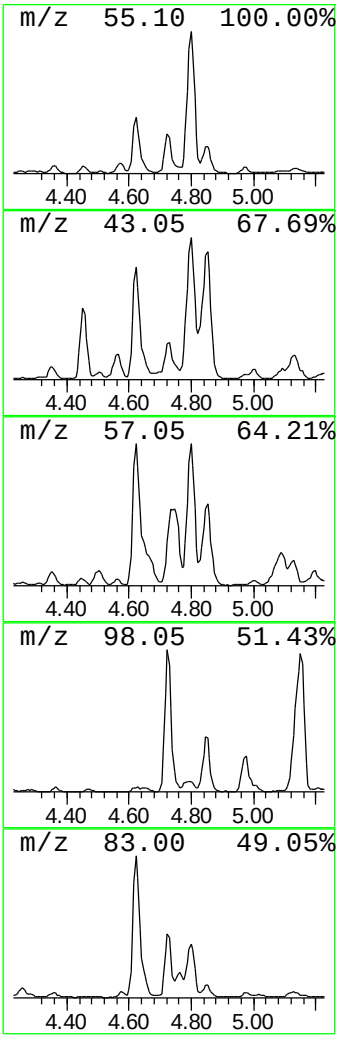
Peak Number 9 2H-Pyran, 3,4-dihydro-6-met... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	4.93 ng/ul	790050	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 3,4-dihydro-6-methyl-	98	C6H10O	016015-11-5	64
2	Diethylcyanamide	98	C5H10N2	000617-83-4	53
3	2(5H)-Furanone, 5-methyl-	98	C5H6O2	000591-11-7	53
4	Formaldehyde, methyl(2-propenyl)...	98	C5H10N2	066075-09-0	49
5	2(5H)-Furanone, 5-methyl-	98	C5H6O2	000591-11-7	47





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Quant Title : SVOA CALIBRATION

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

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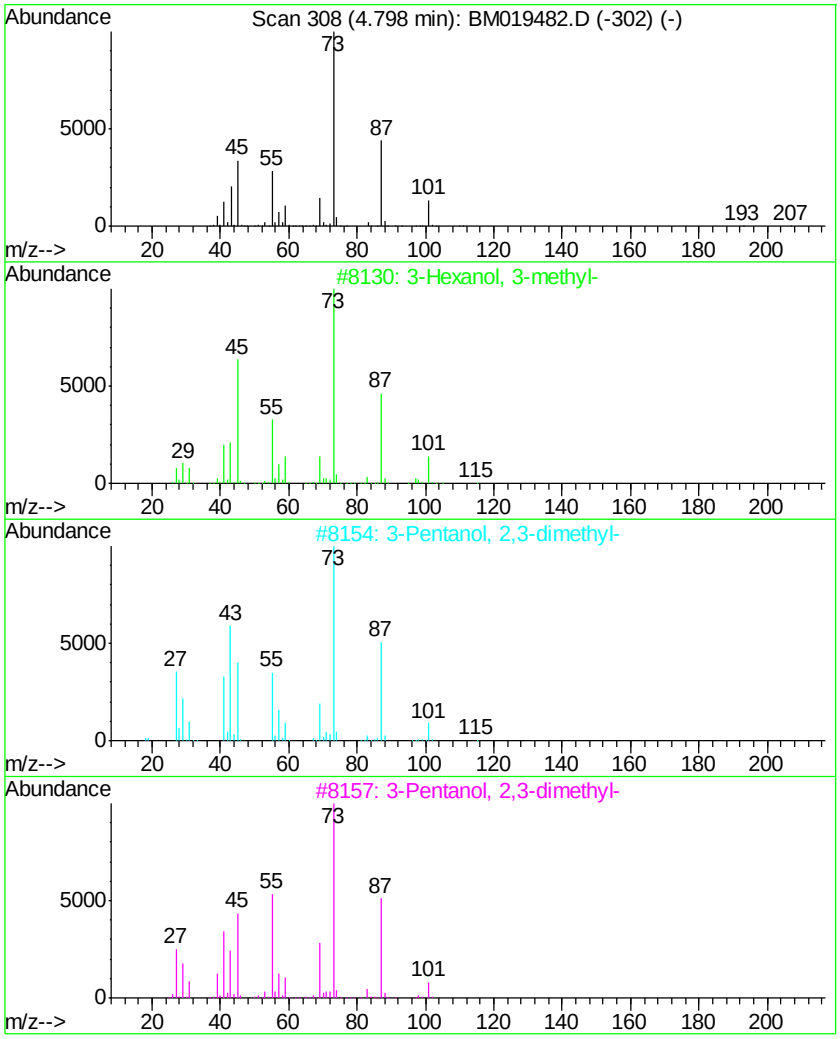
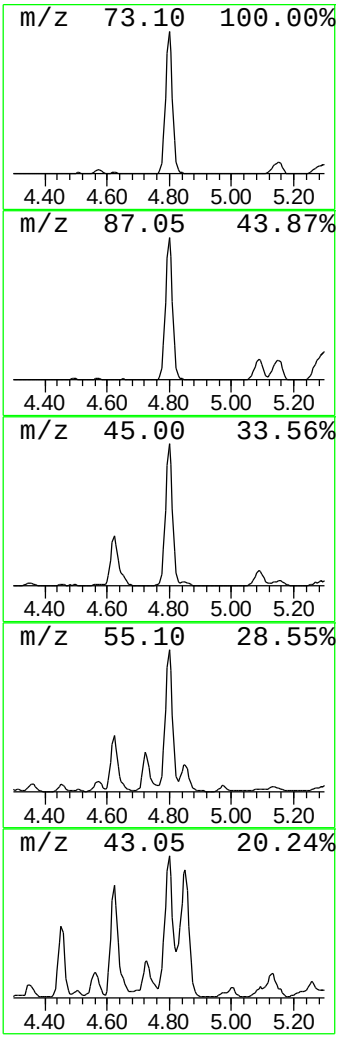
Peak Number 10 3-Hexanol, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	32.54 ng/ul	5218540	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	83
2	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	78
3	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	56
4	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	56
5	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	53





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Quant Title : SVOA CALIBRATION

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

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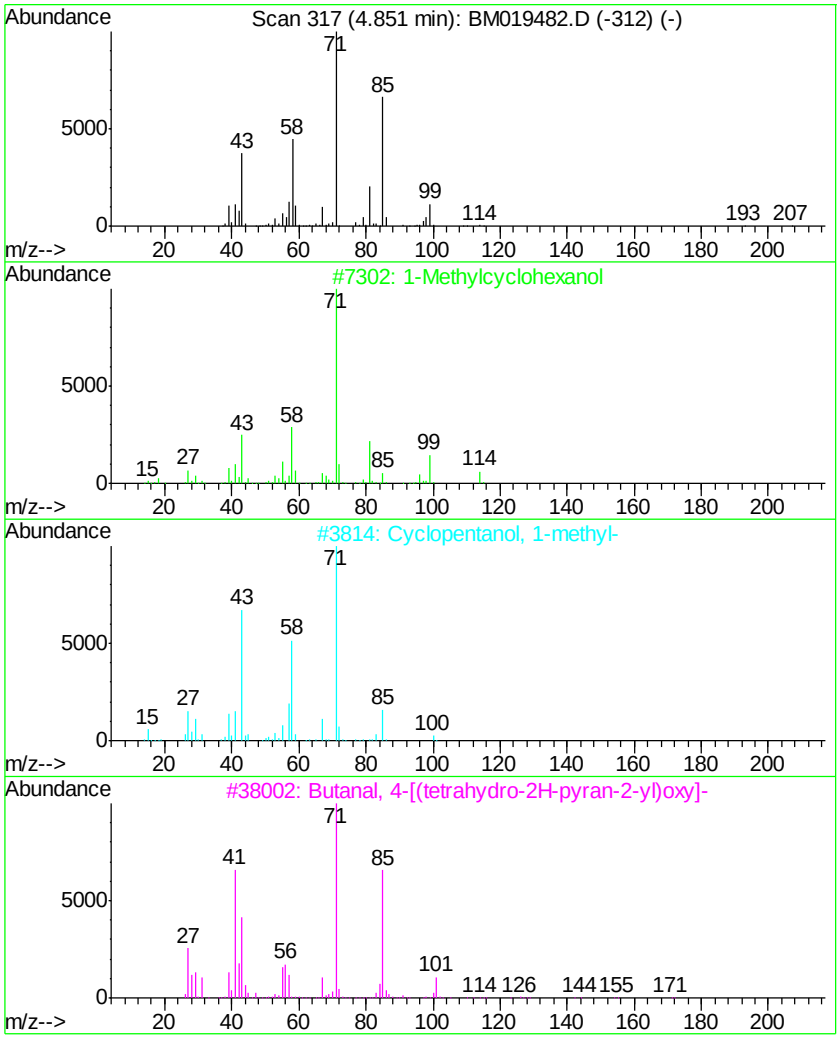
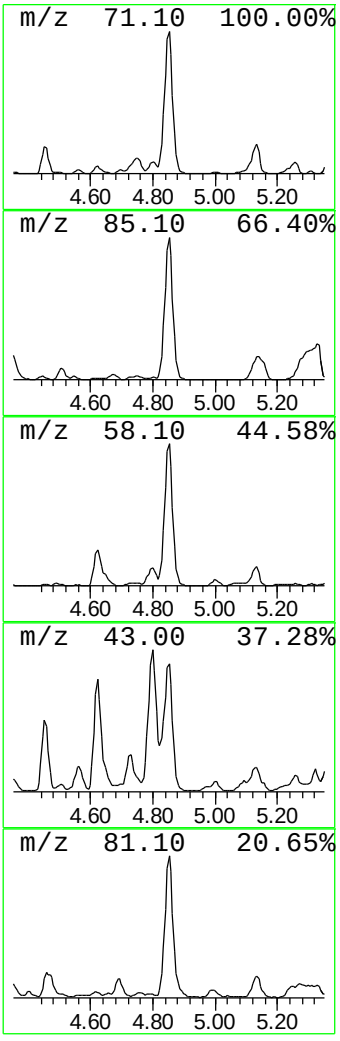
Peak Number 11 1-Methylcyclohexanol Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	18.95 ng/ul	3038300	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcyclohexanol	114	C7H14O	000590-67-0	59
2	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	59
3	Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	40
4	Thiazole	85	C3H3NS	000288-47-1	35
5	Thiazole	85	C3H3NS	000288-47-1	35





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Quant Title : SVOA CALIBRATION

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

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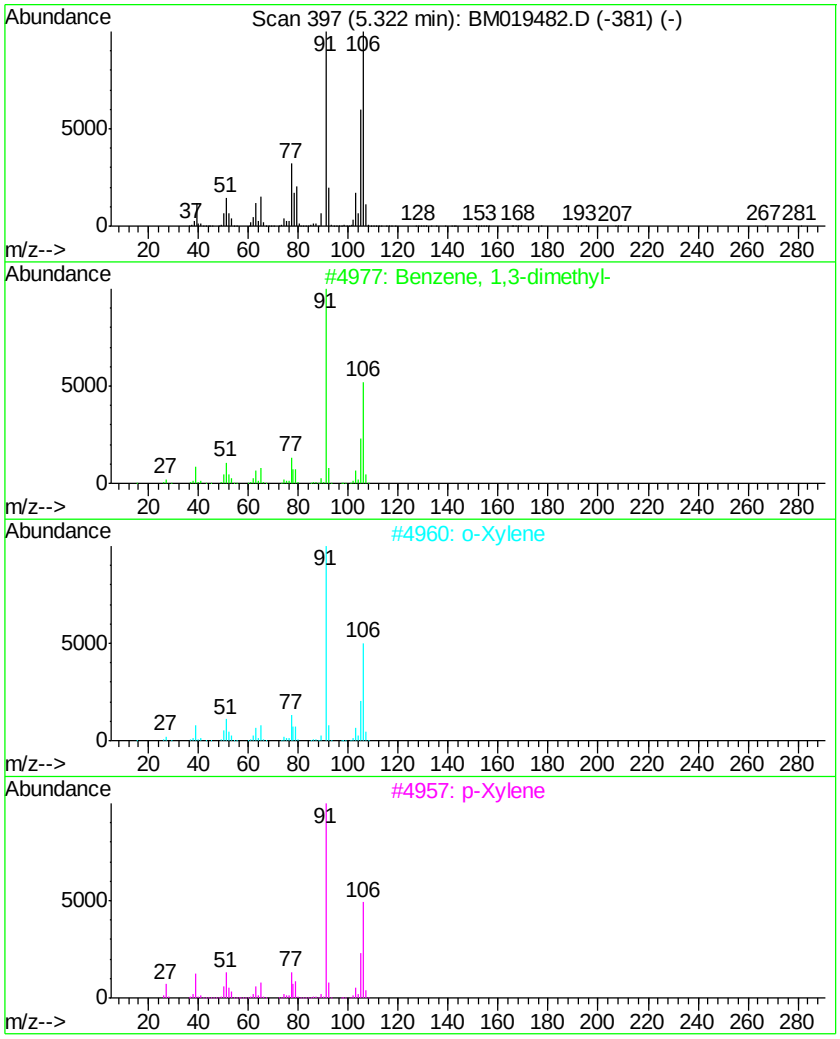
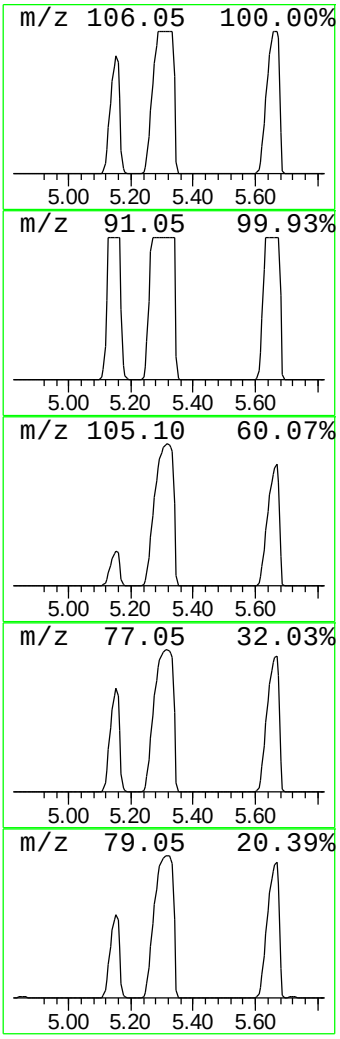
Peak Number 13 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	1355.02 ng/ul	217282000	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93
2	o-Xylene	106	C8H10	000095-47-6	93
3	p-Xylene	106	C8H10	000106-42-3	90
4	o-Xylene	106	C8H10	000095-47-6	87
5	p-Xylene	106	C8H10	000106-42-3	83





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Quant Title : SVOA CALIBRATION

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

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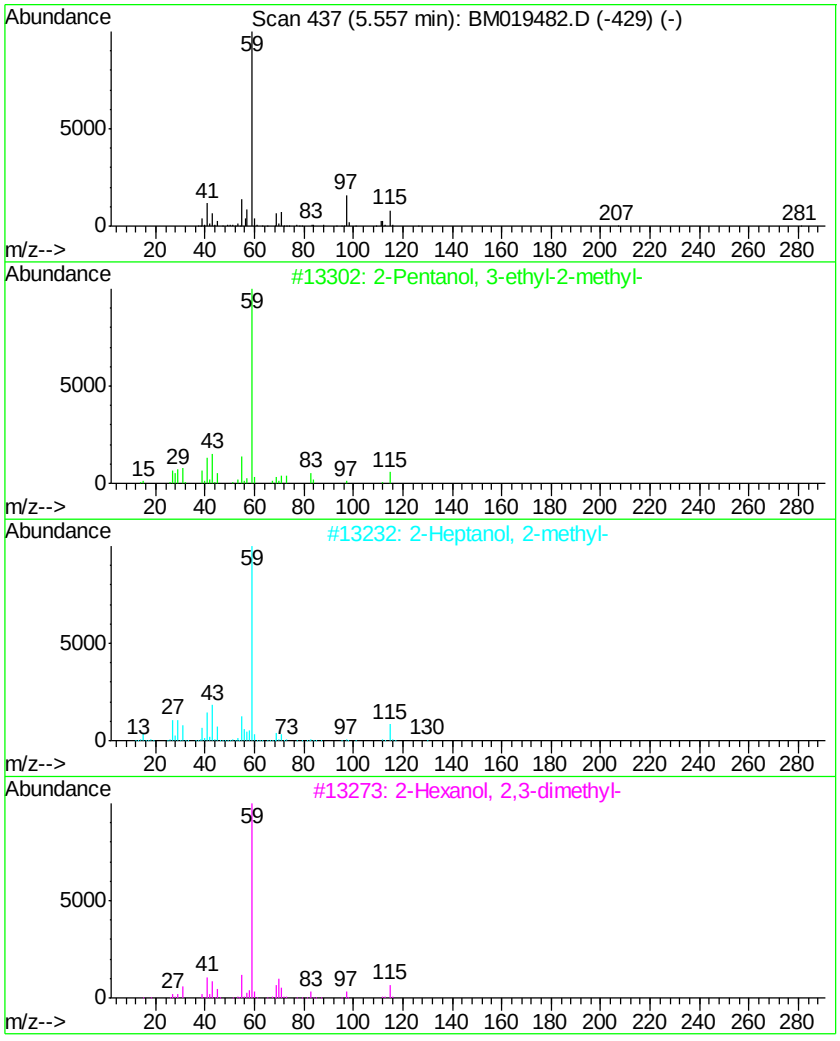
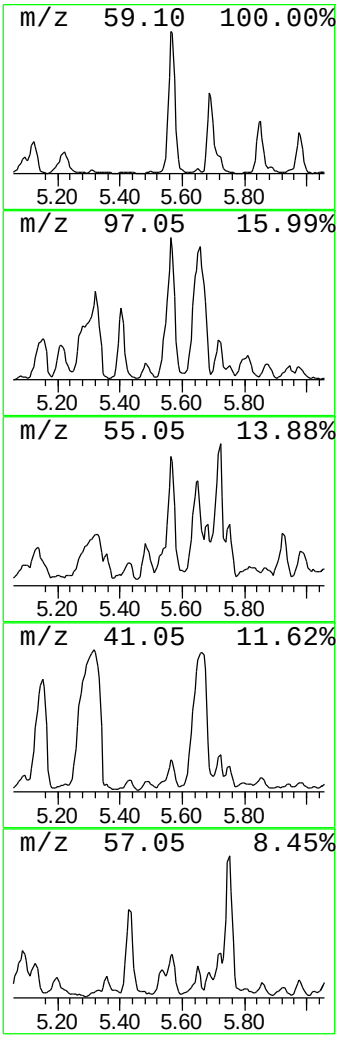
Peak Number 14 2-Pentanol, 3-ethyl-2-methyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	6.59 ng/ul	1056730	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	019780-63-3	56
2	2-Heptanol, 2-methyl-	130	C8H18O	000625-25-2	56
3	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	56
4	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	42
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	39





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Quant Title : SVOA CALIBRATION

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

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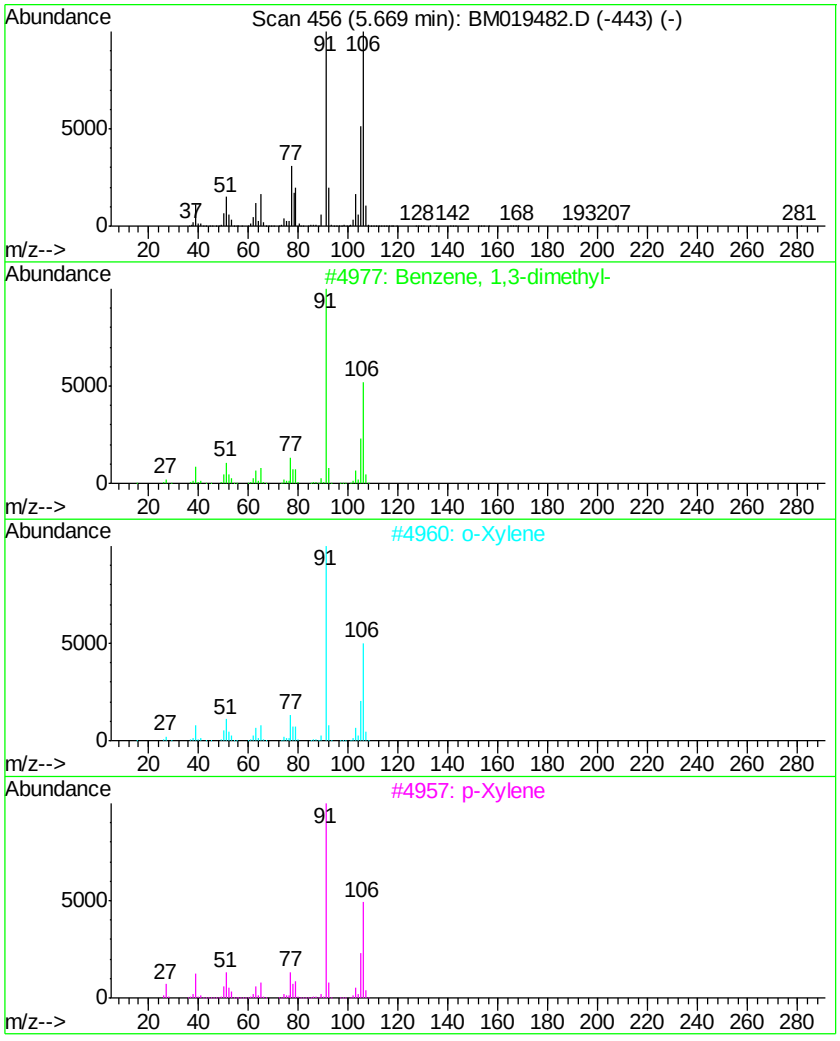
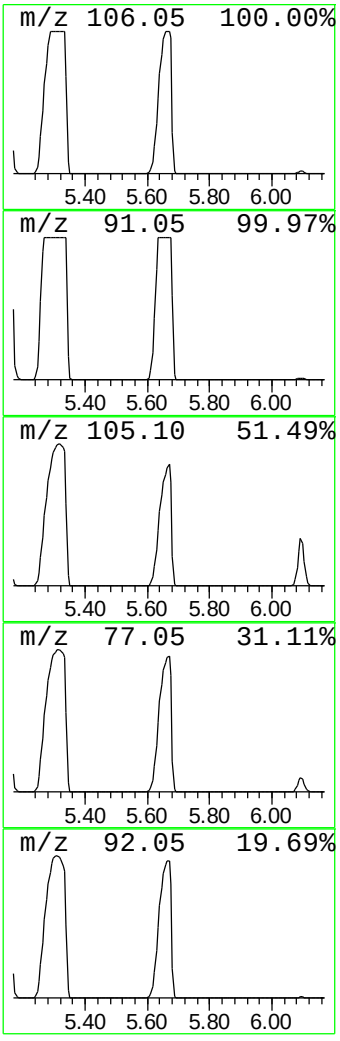
Peak Number 15 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	828.50 ng/ul	132853000	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93
2	o-Xylene	106	C8H10	000095-47-6	93
3	p-Xylene	106	C8H10	000106-42-3	93
4	o-Xylene	106	C8H10	000095-47-6	90
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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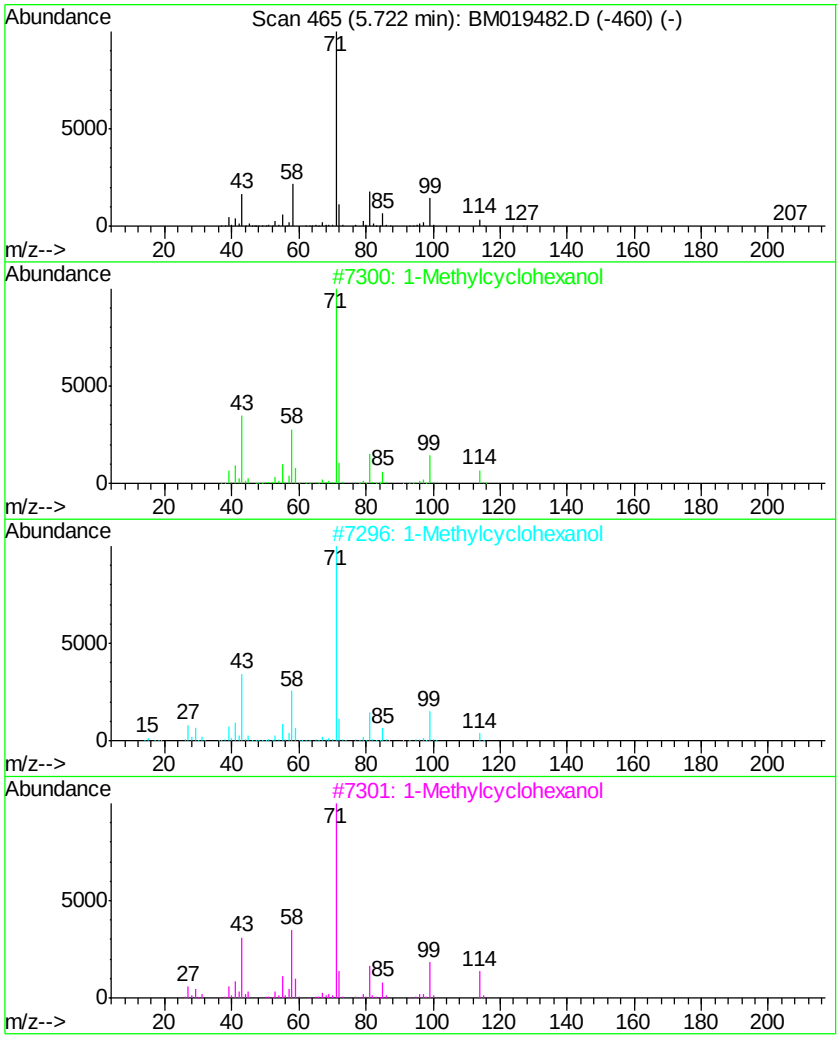
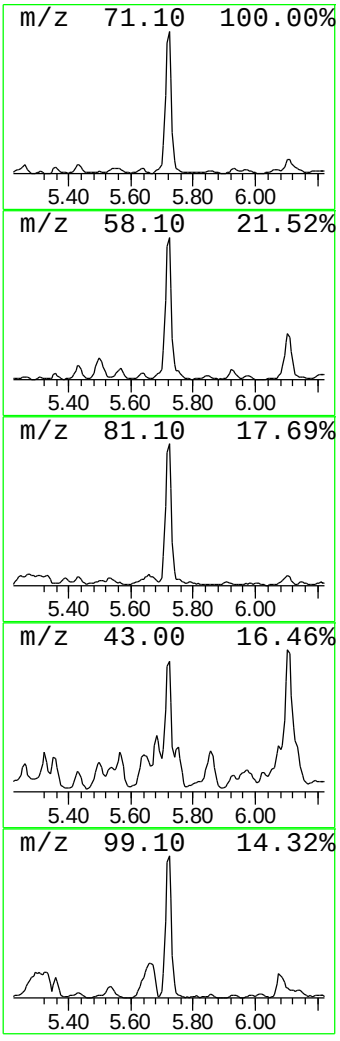
Peak Number 16 unknown-02 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	12.28 ng/ul	1968840	1,4-Dichlorobenzene-d4	7.60

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	52
5	1,2-Dimethylcyclopentanol	114	C7H14O	019550-45-9	38





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Quant Title : SVOA CALIBRATION

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

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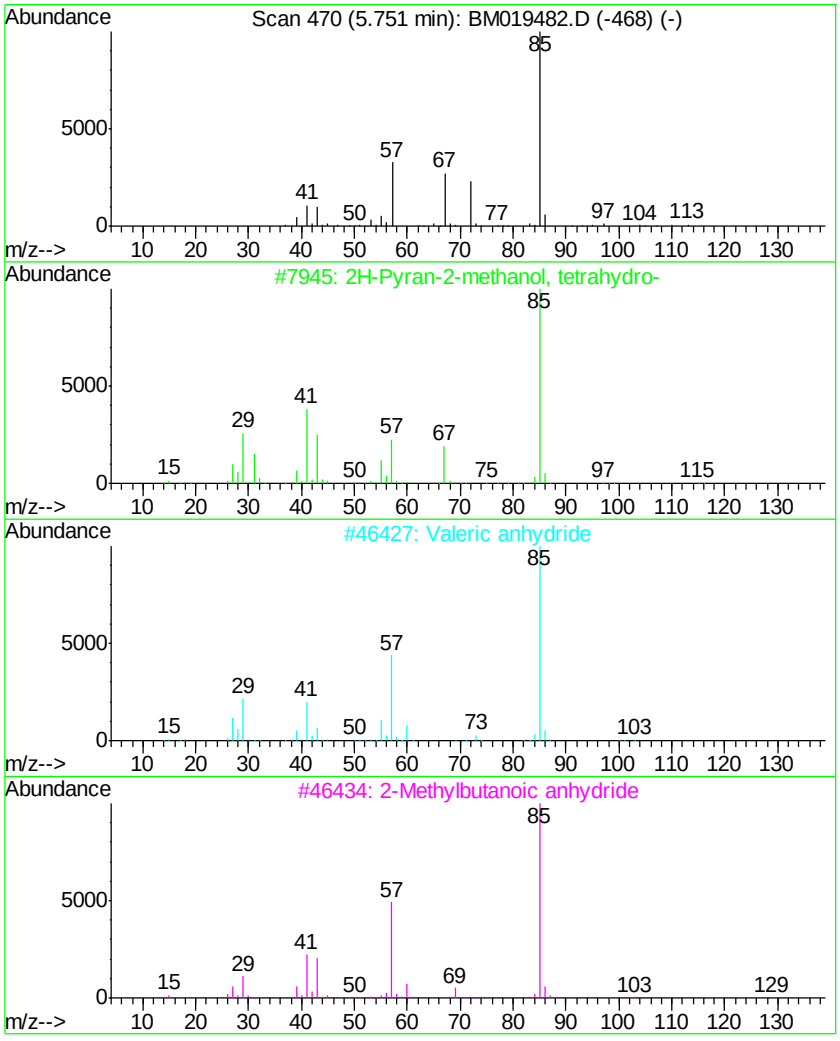
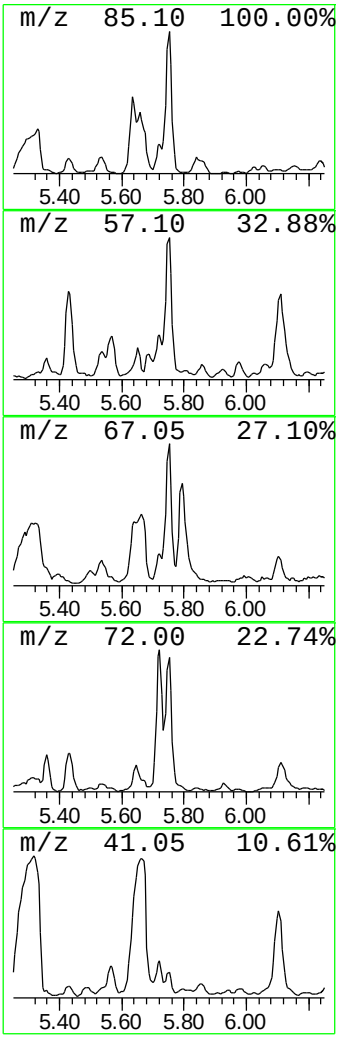
Peak Number 17 unknown-03 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	3.64 ng/ul	583306	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-methanol, tetrahydro-	116	C6H12O2	000100-72-1	45
2	Valeric anhydride	186	C10H18O3	002082-59-9	33
3	2-Methylbutanoic anhydride	186	C10H18O3	001468-39-9	28
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





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Quant Title : SVOA CALIBRATION

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

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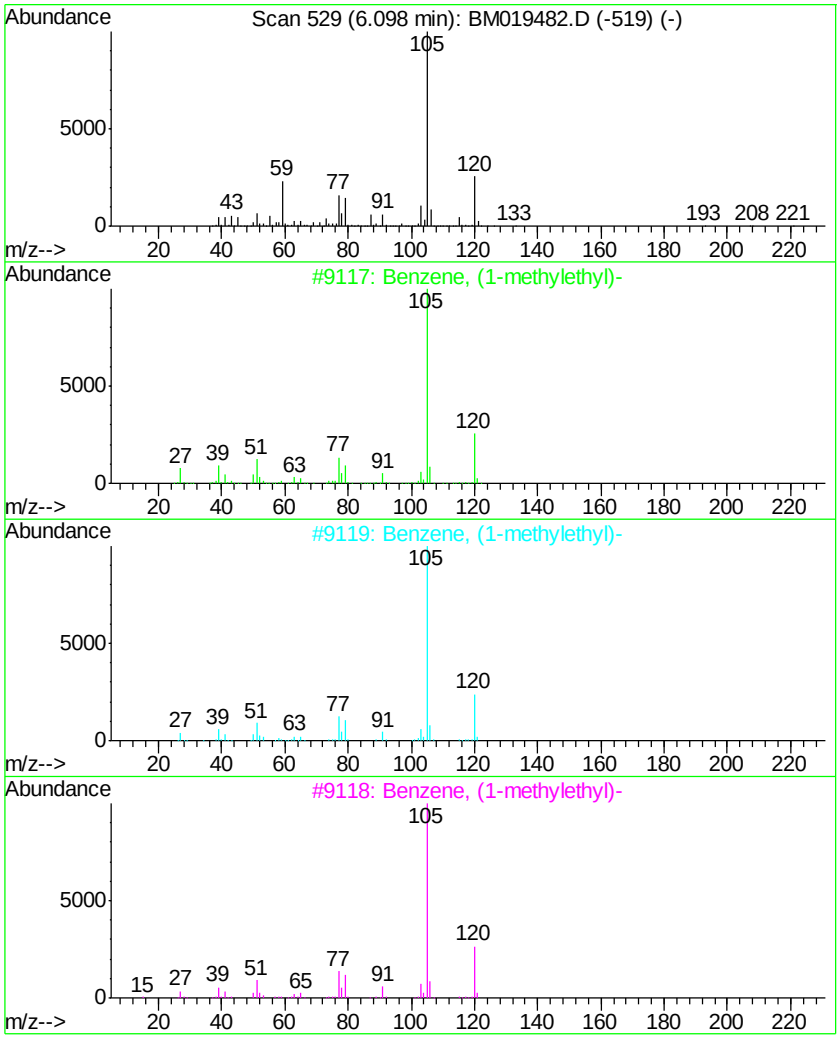
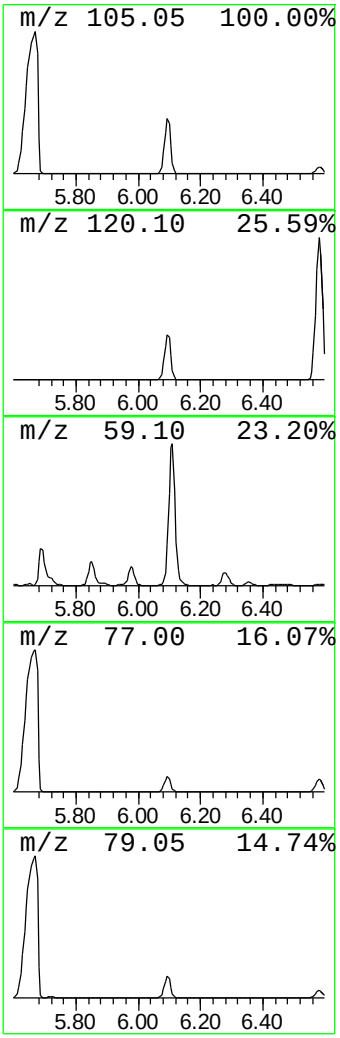
Peak Number 18 Benzene, (1-methylethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	53.23 ng/ul	8536150	1,4-Dichlorobenzene-d4	7.60

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-ethyl-3-methyl-	120	C9H12	000620-14-4	62
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	60





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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 3-Heptanol, 3-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	13.56 ng/ul	2174030	1,4-Dichlorobenzene-d4	7.60

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	50
3	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	50
4	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	43
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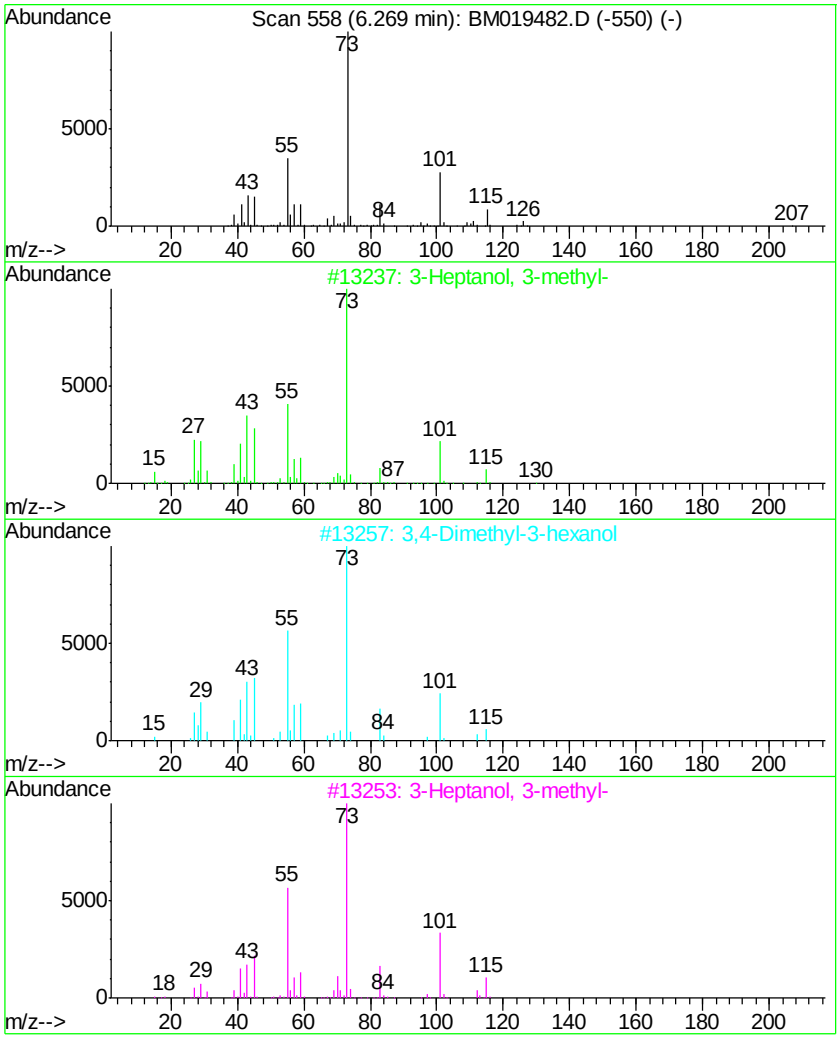

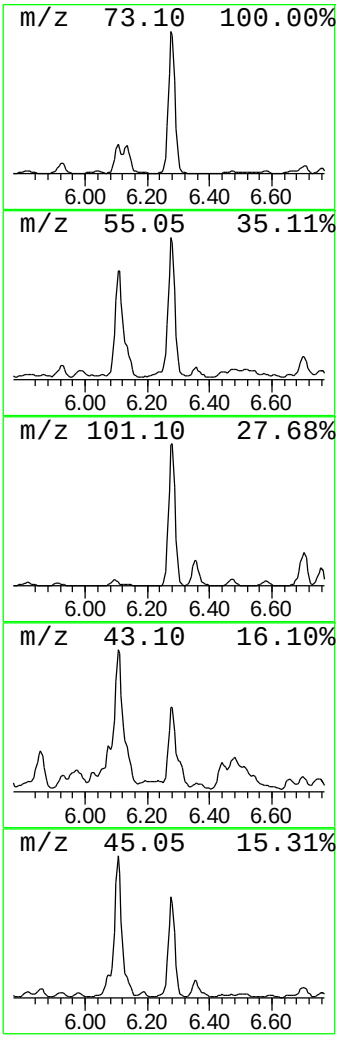

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TIC Integration Parameters: LSCINT.P

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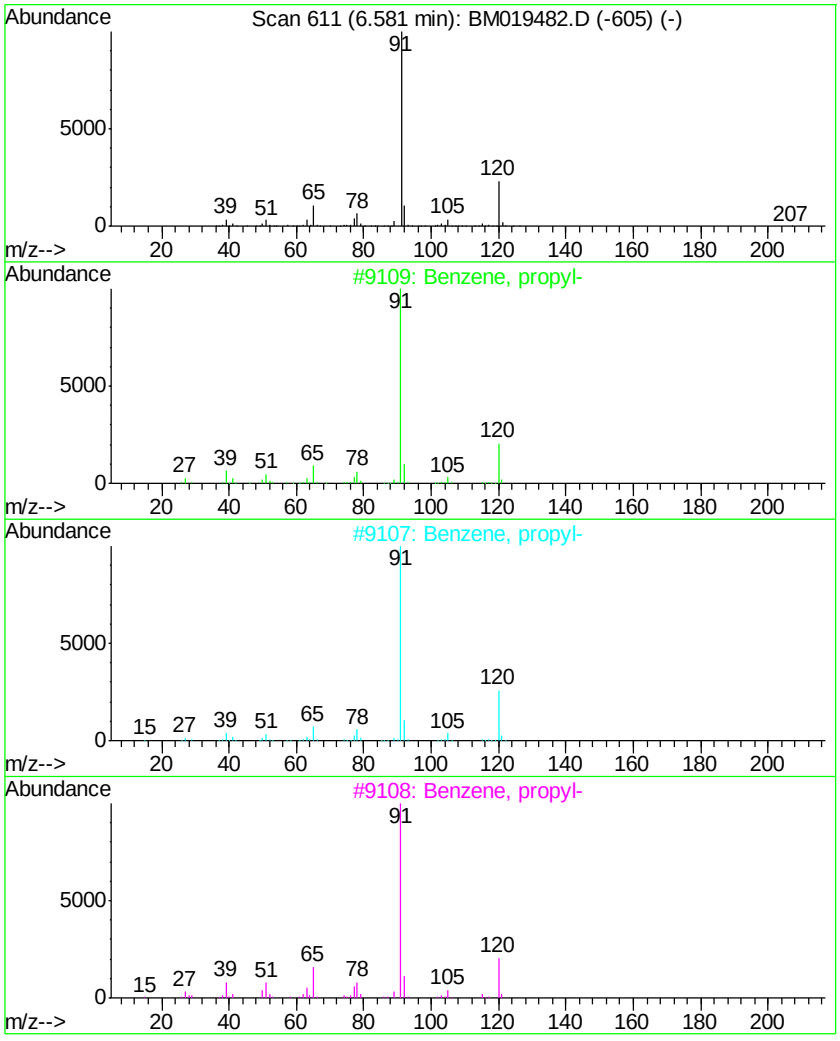
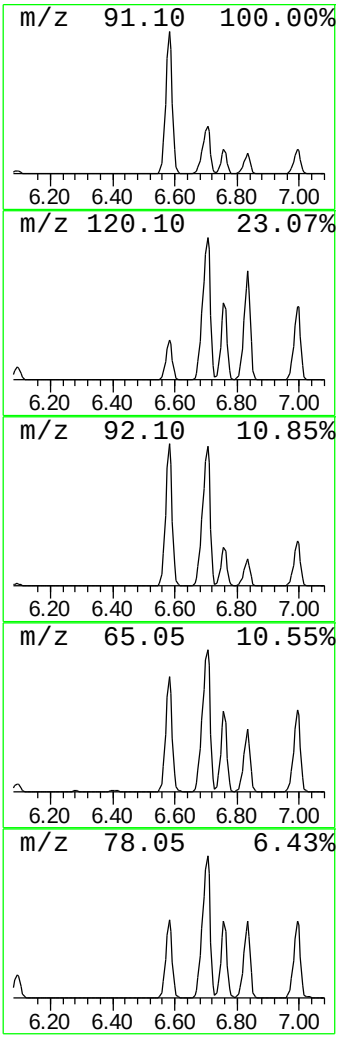
Peak Number 20 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	103.52 ng/ul	16599600	1,4-Dichlorobenzene-d4	7.60

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	91
3	Benzene, propyl-	120	C9H12	000103-65-1	91
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	74





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Sample : K2063-13
Misc :
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ClientSampleId : DB6S0

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Quant Title : SVOA CALIBRATION

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

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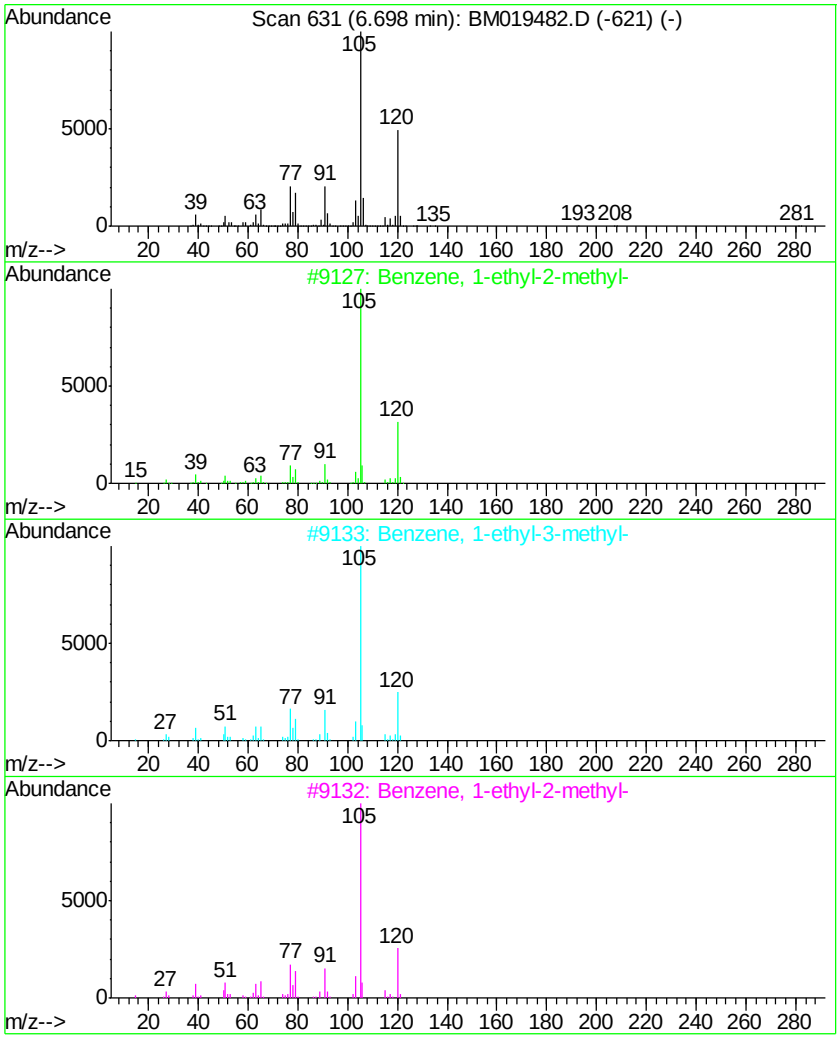
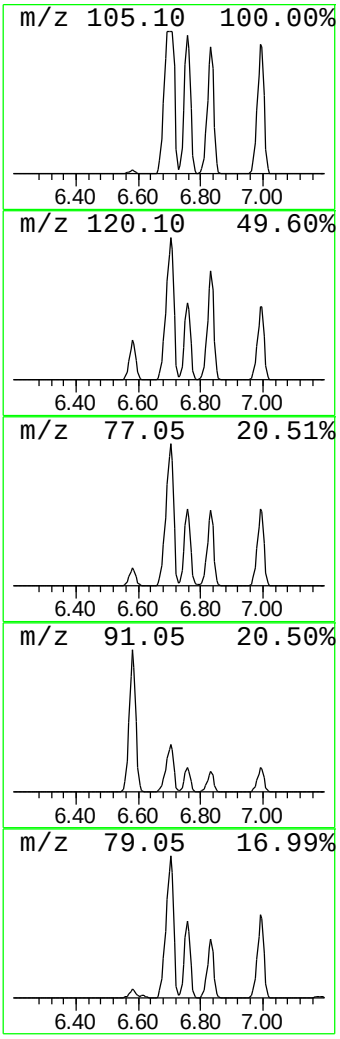
Peak Number 21 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	390.26 ng/ul	62579900	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
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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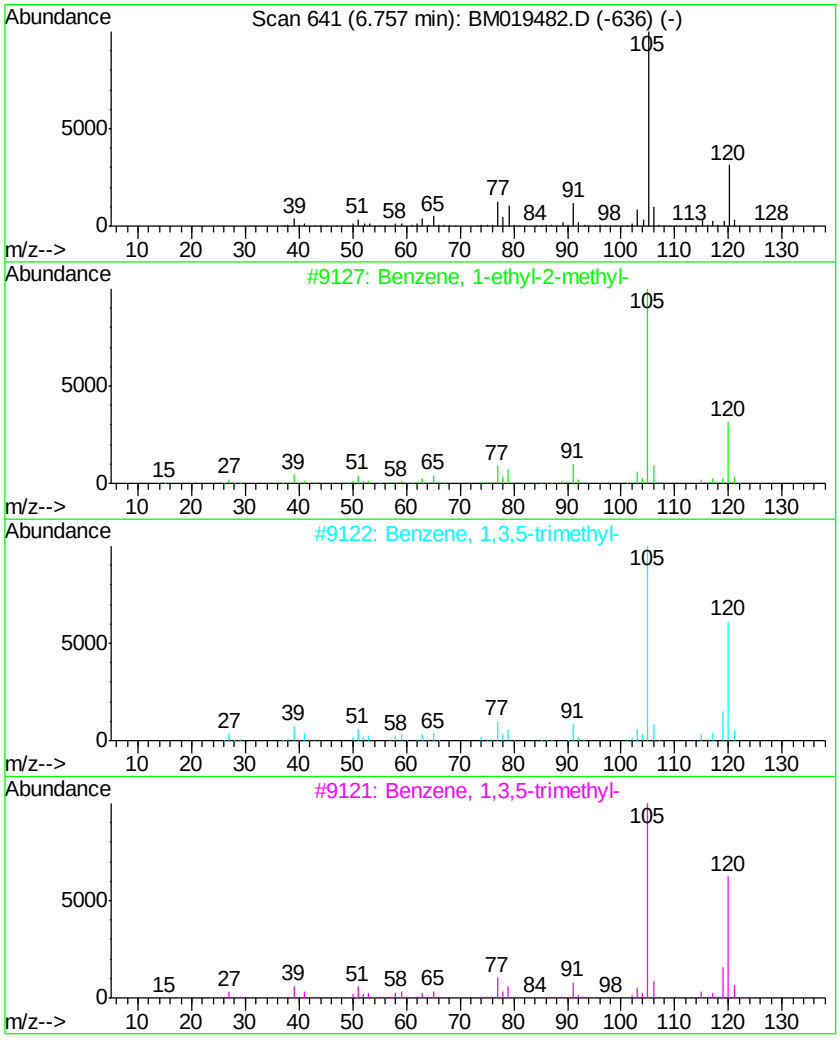
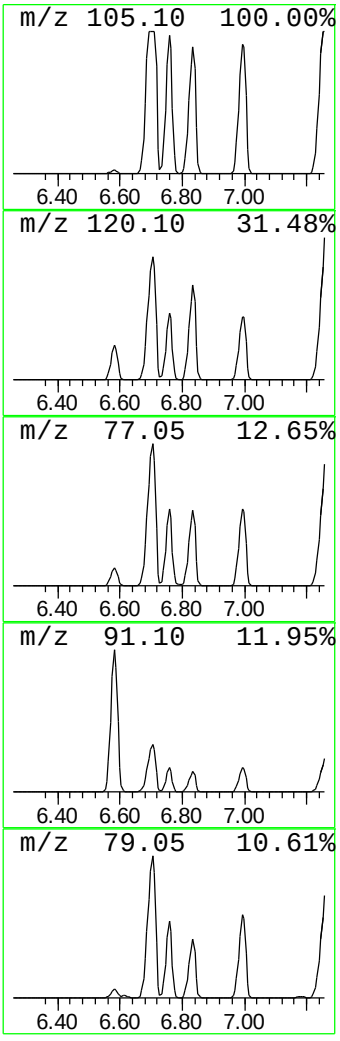
Peak Number 22 Benzene, 1,3,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	173.99 ng/ul	27899400	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Quant Title : SVOA CALIBRATION

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

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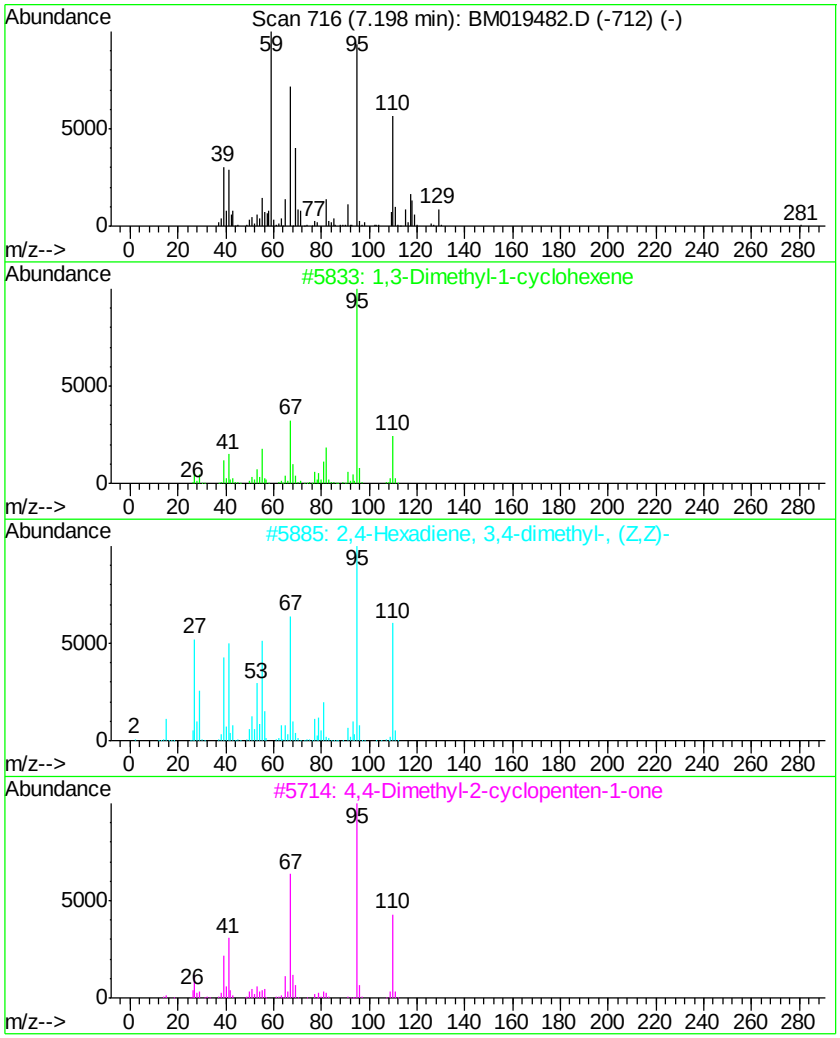
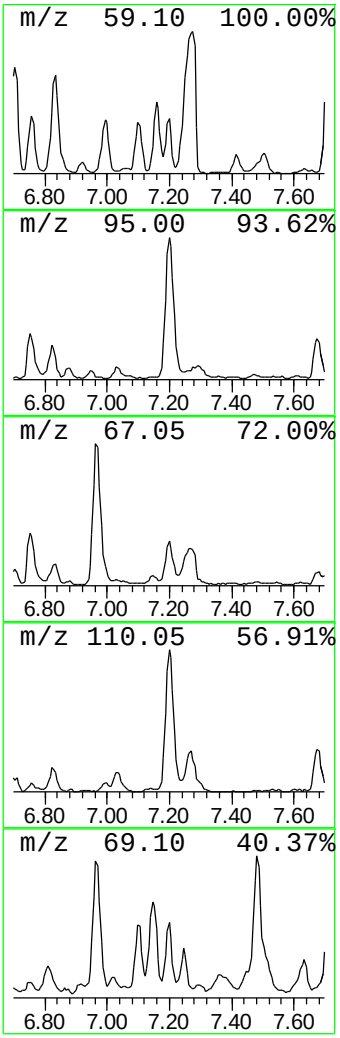
Peak Number 23 unknown-04 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	4.22 ng/ul	676464	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	49
2	2,4-Hexadiene, 3,4-dimethyl-, (Z...	110	C8H14	021293-01-6	47
3	4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	46
4	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	43
5	Cyclopentene, 1-(1-methylethyl)-	110	C8H14	001462-07-3	38





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Quant Title : SVOA CALIBRATION

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

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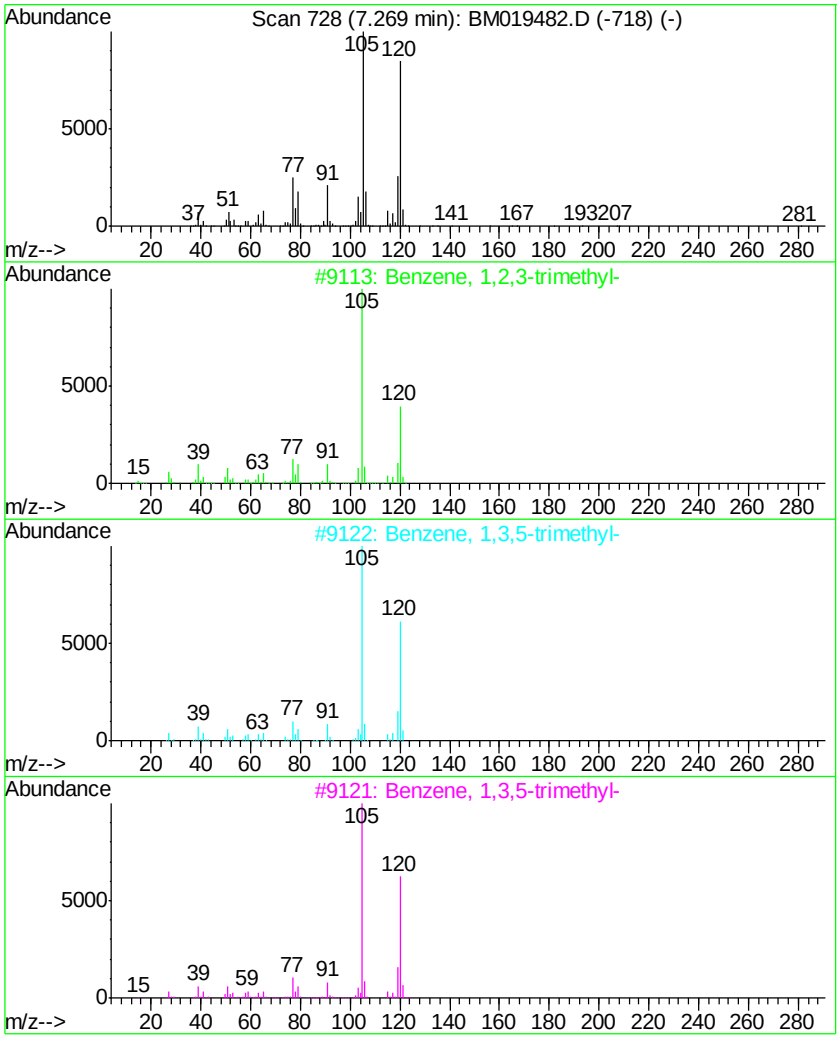
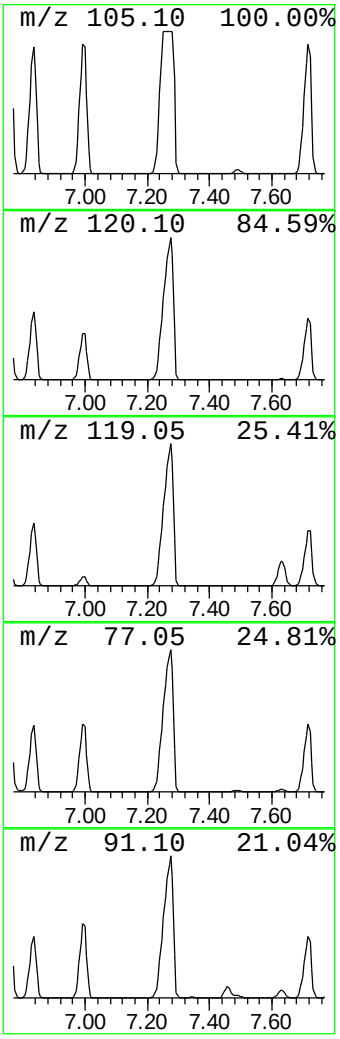
Peak Number 24 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	612.77 ng/ul	98259800	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





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Quant Title : SVOA CALIBRATION

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

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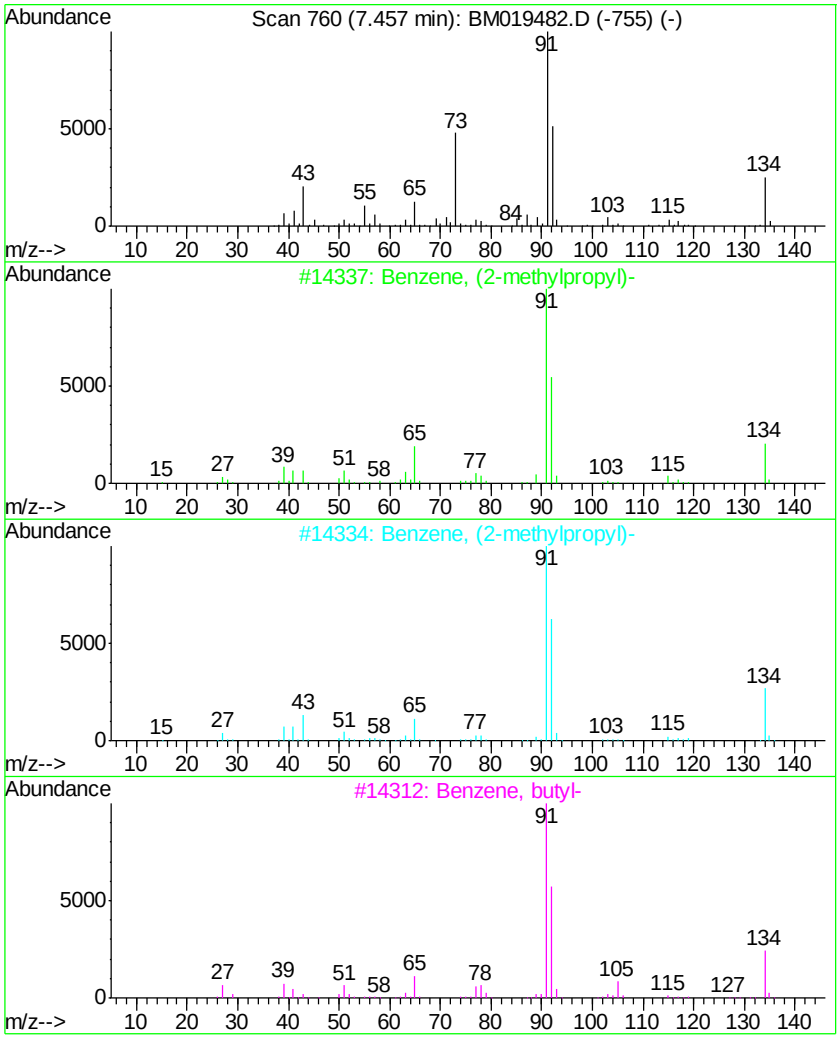
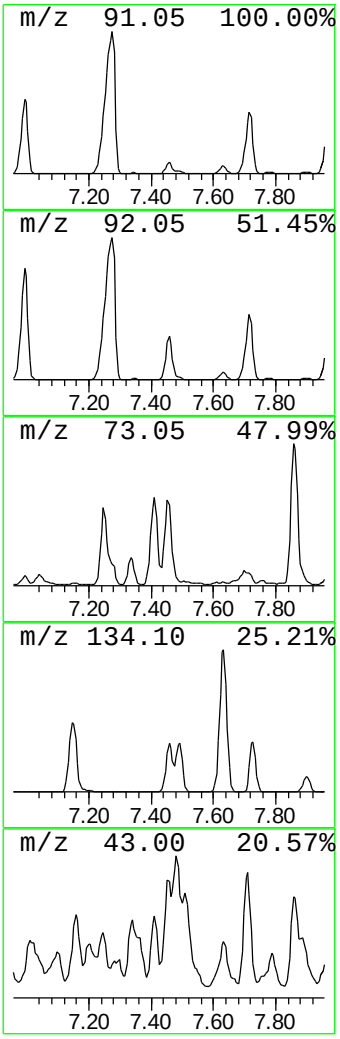
Peak Number 25 Benzene, (2-methylpropyl)- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	5.07 ng/ul	812575	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	81
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	68
3	Benzene, butyl-	134	C10H14	000104-51-8	64
4	Benzene, butyl-	134	C10H14	000104-51-8	64
5	Benzene, butyl-	134	C10H14	000104-51-8	64





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Quant Title : SVOA CALIBRATION

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

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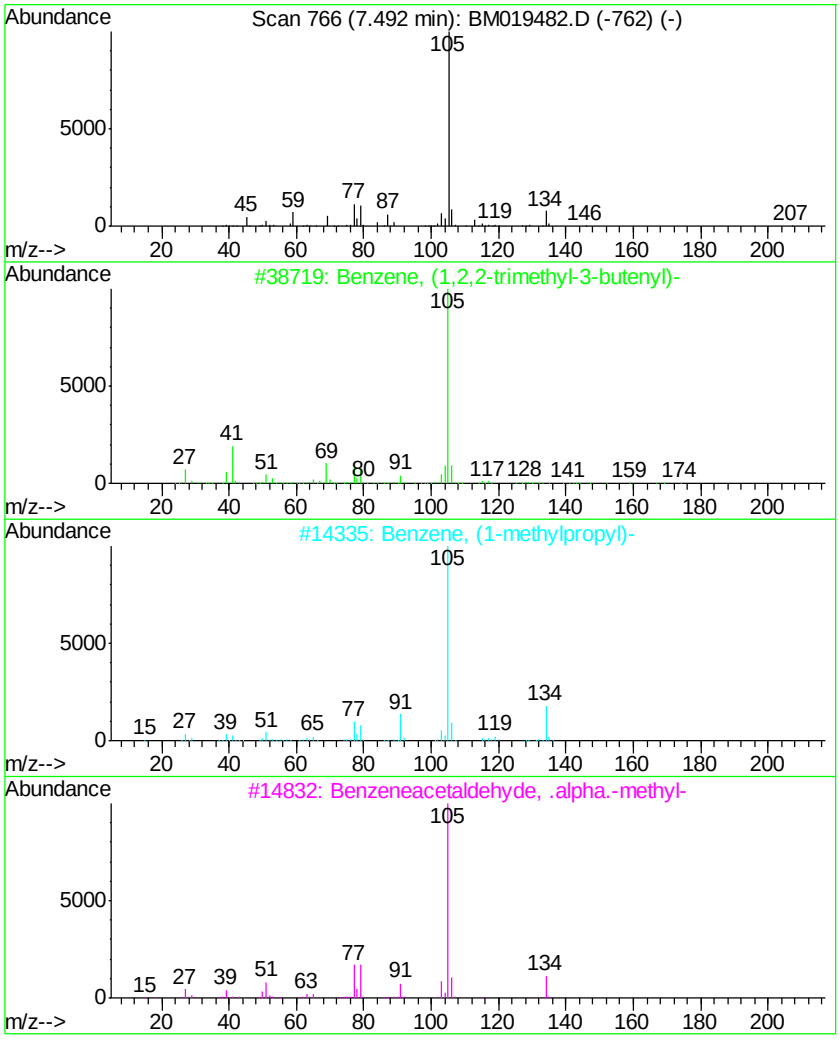
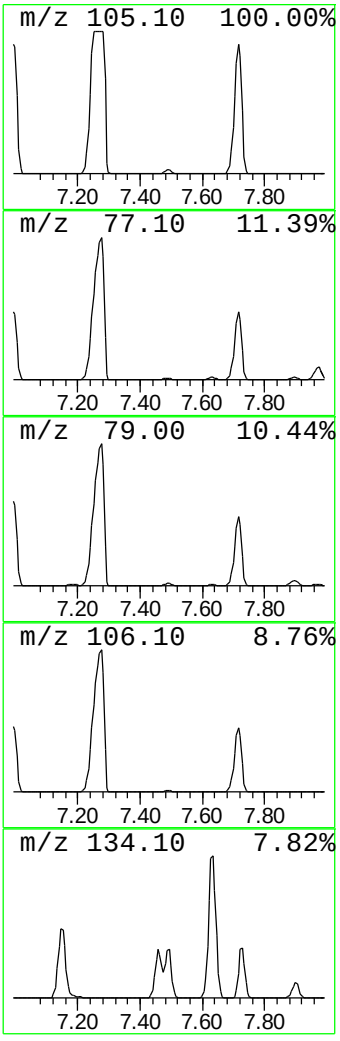
Peak Number 26 Benzene, (1,2,2-trimethyl-3... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	7.47 ng/ul	1197080	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2,2-trimethyl-3-bute...	174	C13H18	061142-17-4	59
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	59
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	59
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	59
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	58





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Quant Title : SVOA CALIBRATION

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

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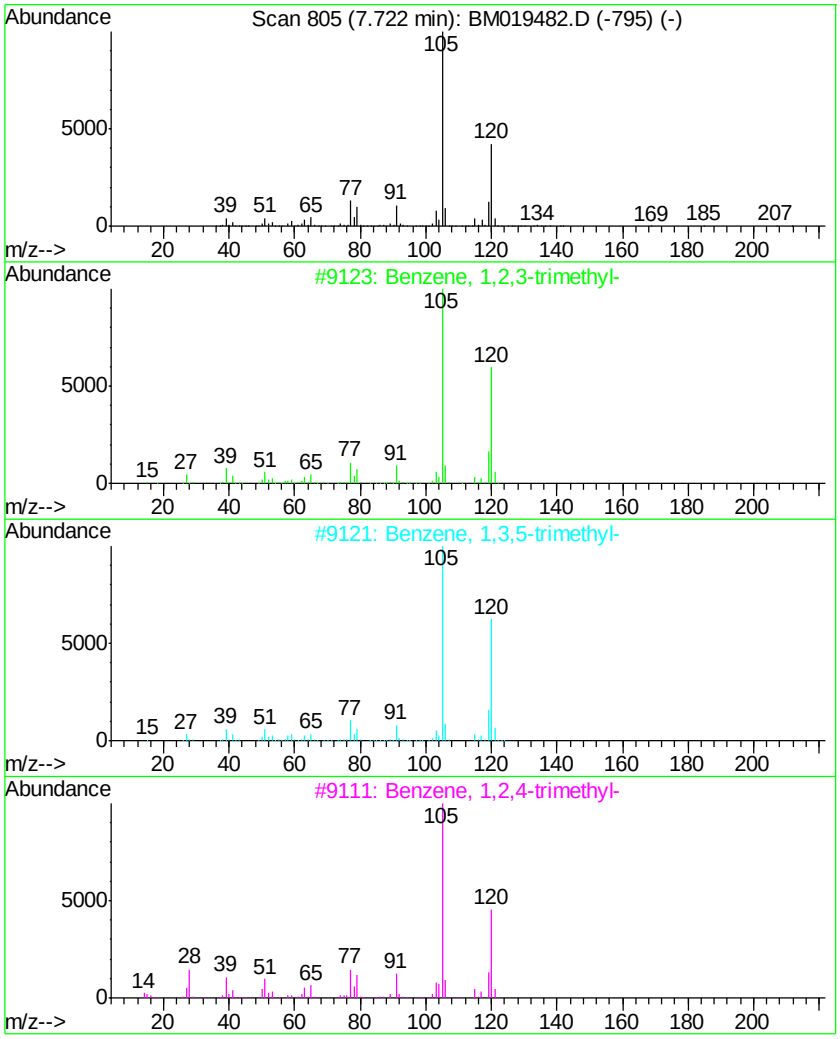
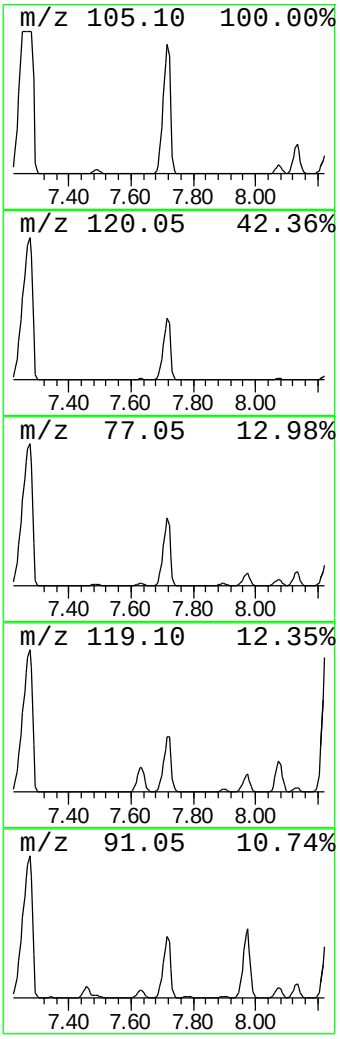
Peak Number 27 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	210.83 ng/ul	33806600	1,4-Dichlorobenzene-d4	7.60

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





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Quant Title : SVOA CALIBRATION

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

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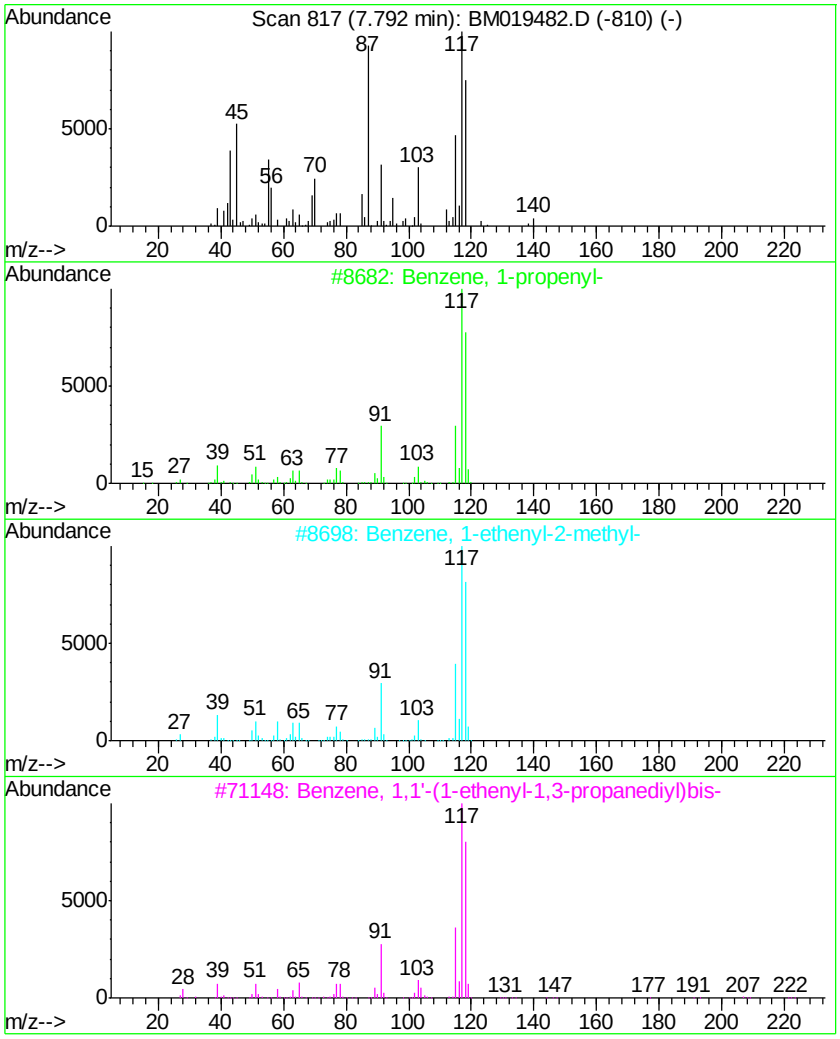
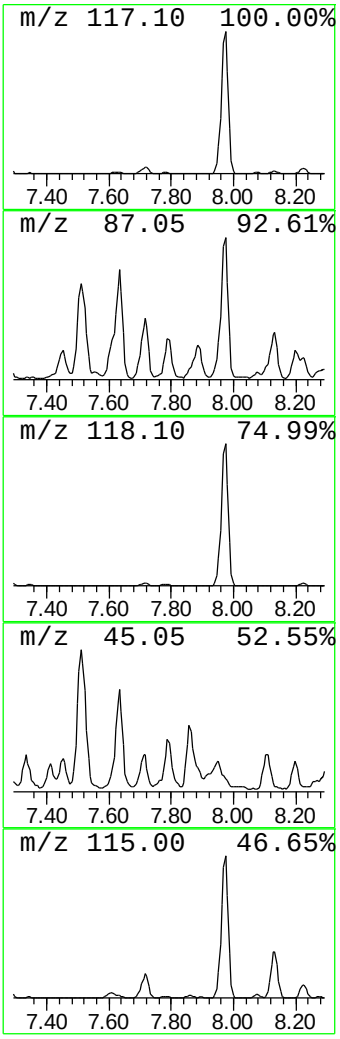
Peak Number 28 Benzene, 1-propenyl- Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	3.45 ng/ul	553410	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	50
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	50
3	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	50
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	45
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	45





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Quant Title : SVOA CALIBRATION

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

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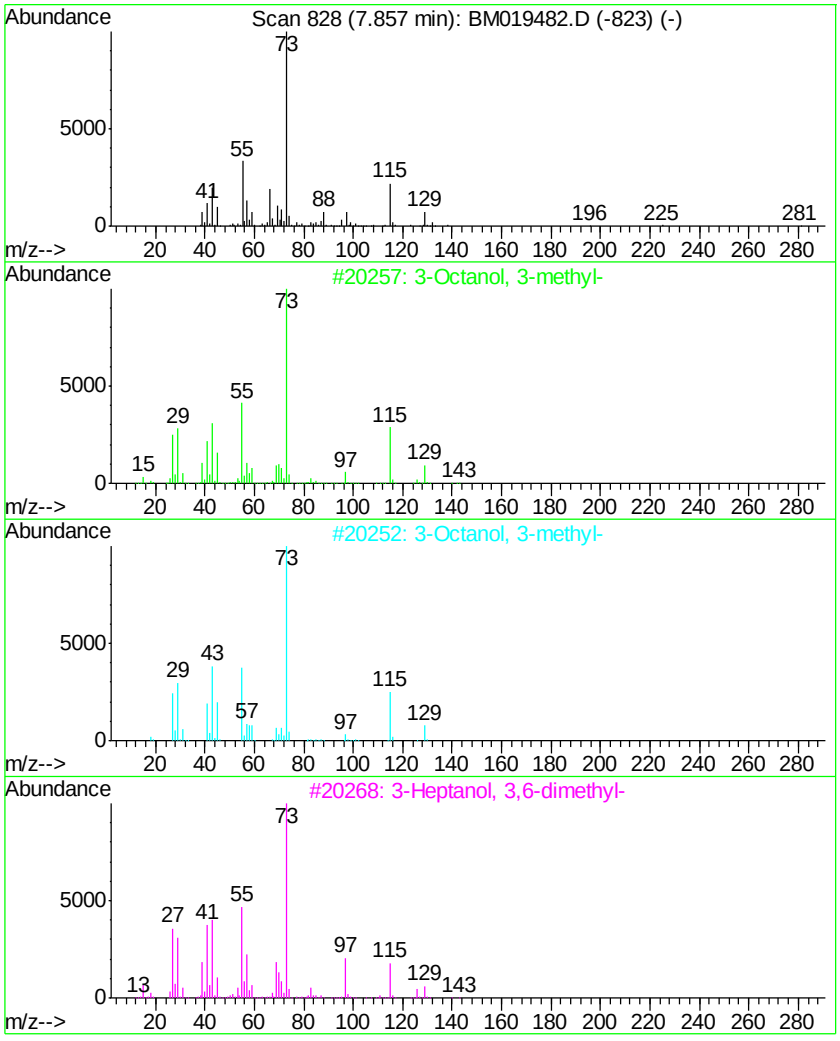
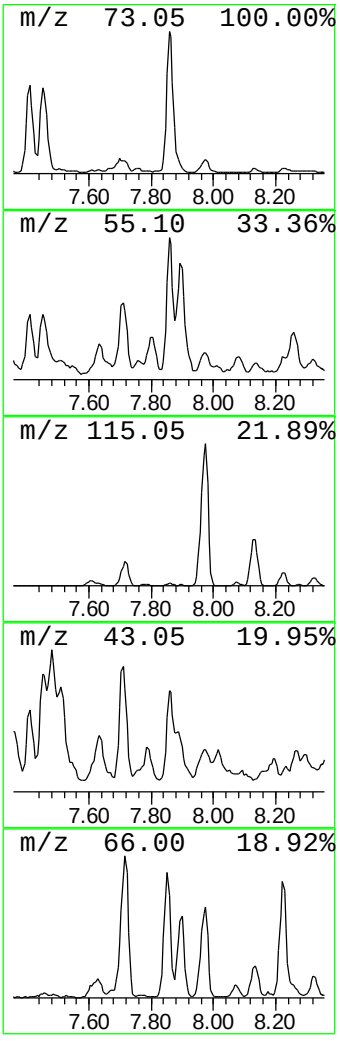
Peak Number 29 unknown-05 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	5.05 ng/ul	809792	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3-methyl-	144	C9H20O	005340-36-3	43
2	3-Octanol, 3-methyl-	144	C9H20O	005340-36-3	40
3	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	38
4	Silane, butyltrimethyl-	130	C7H18Si	001000-49-3	35
5	Dodecanoic acid, 2,3-bis(acetylo...	358	C19H34O6	055191-44-1	25





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TIC Integration Parameters: LSCINT.P

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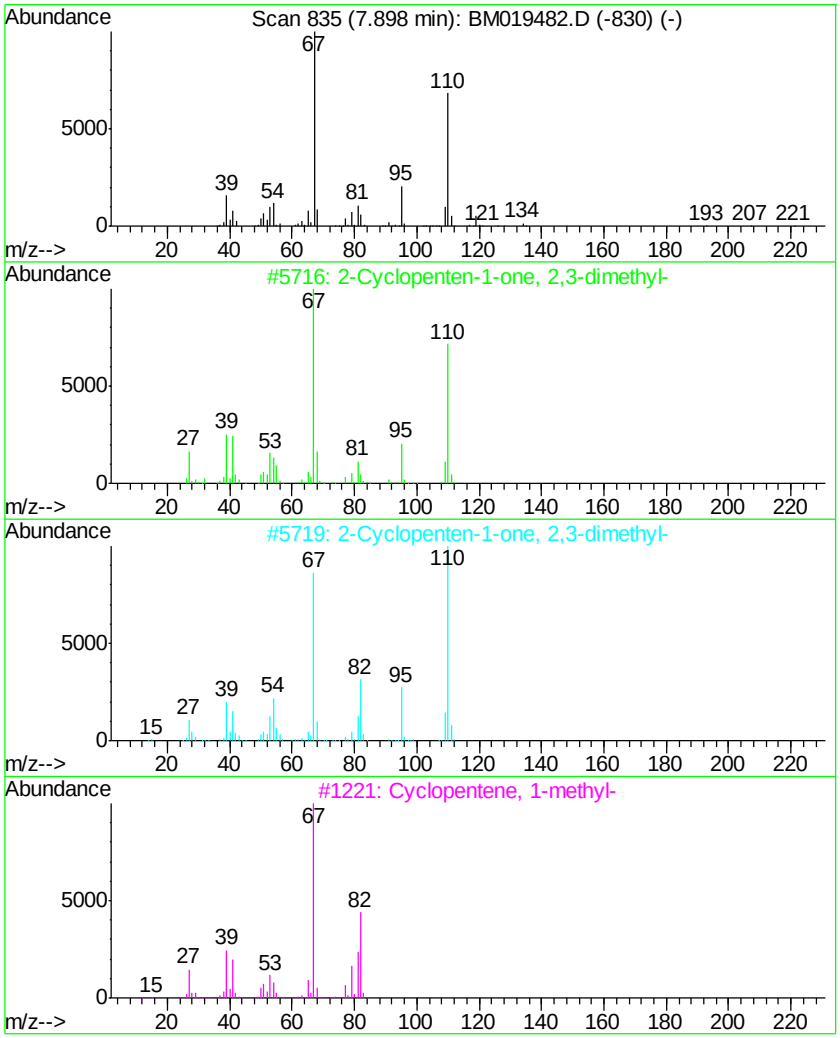
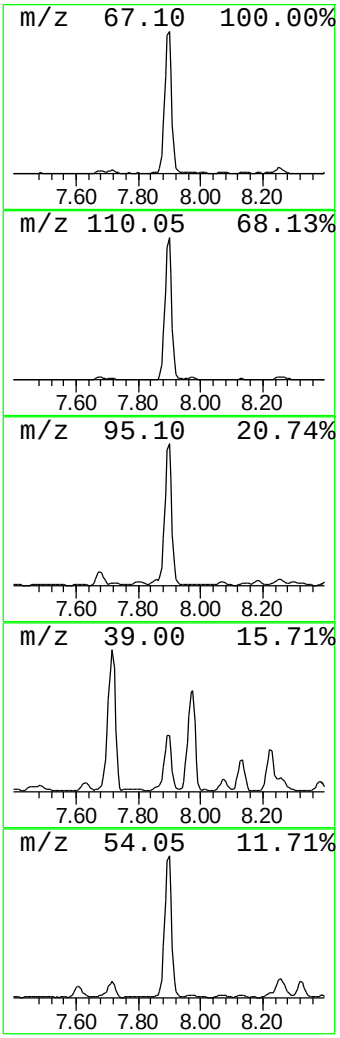
Peak Number 30 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	28.77 ng/ul	4613880	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	90
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	76
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	55
4	Cyclopentane, ethylidene-	96	C7H12	002146-37-4	46
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	43





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Quant Title : SVOA CALIBRATION

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

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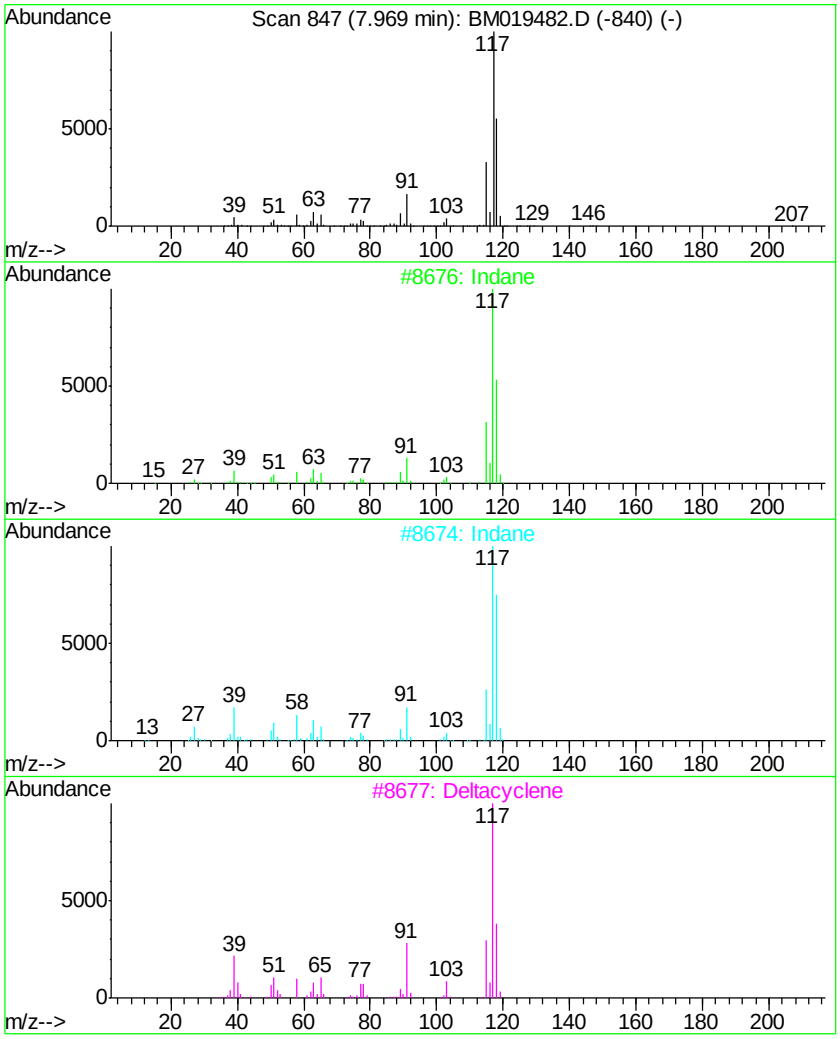
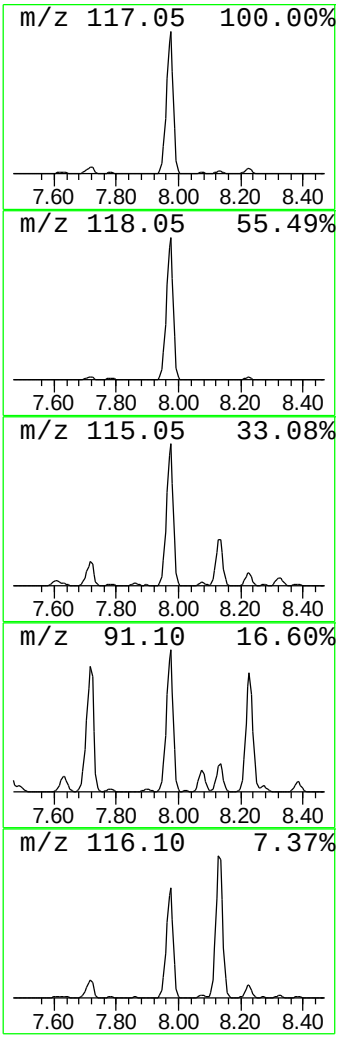
Peak Number 31 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	155.72 ng/ul	24970500	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Deltacyclene	118	C9H10	007785-10-6	74
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019482.D
Acq On : 26 Mar 2019 22:18
Operator : JU/SJ
Sample : K2063-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0

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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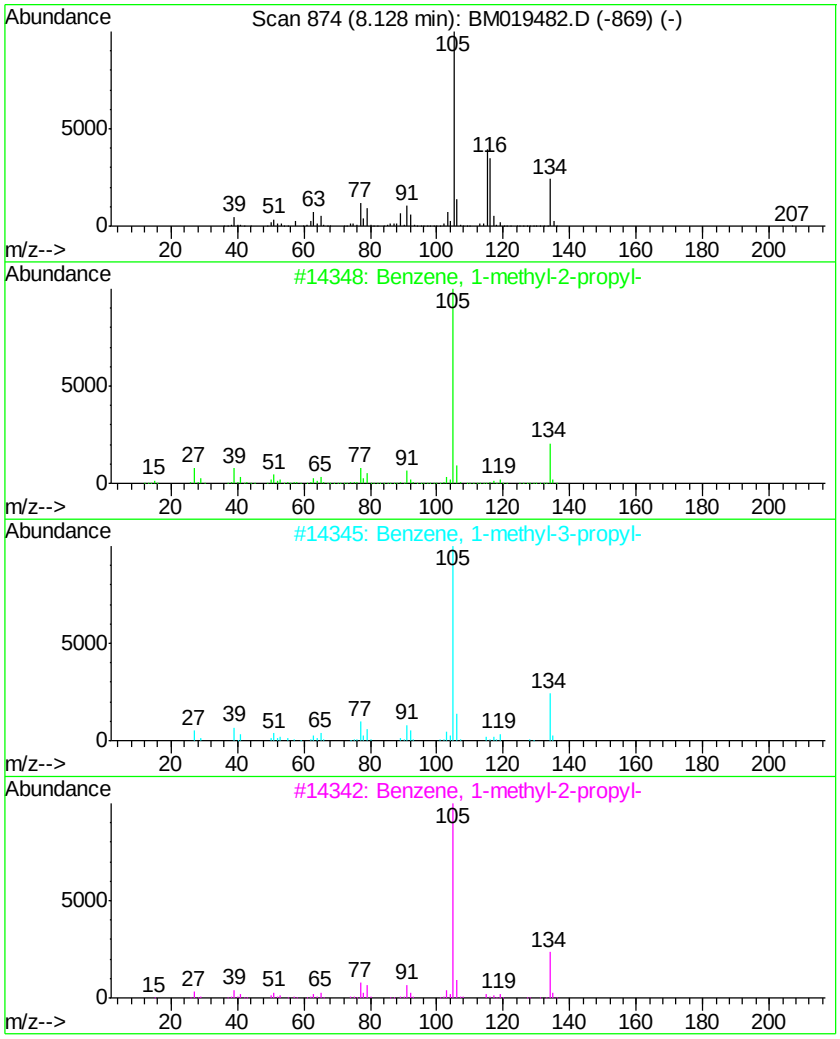
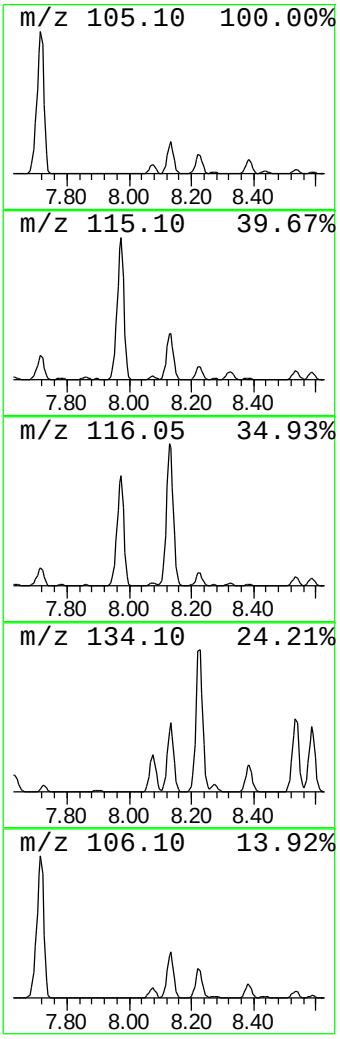
Peak Number 32 Benzene, 1-methyl-2-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	51.64 ng/ul	8280270	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	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-4-propyl-	134	C10H14	001074-55-1	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019482.D
Acq On : 26 Mar 2019 22:18
Operator : JU/SJ
Sample : K2063-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0

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

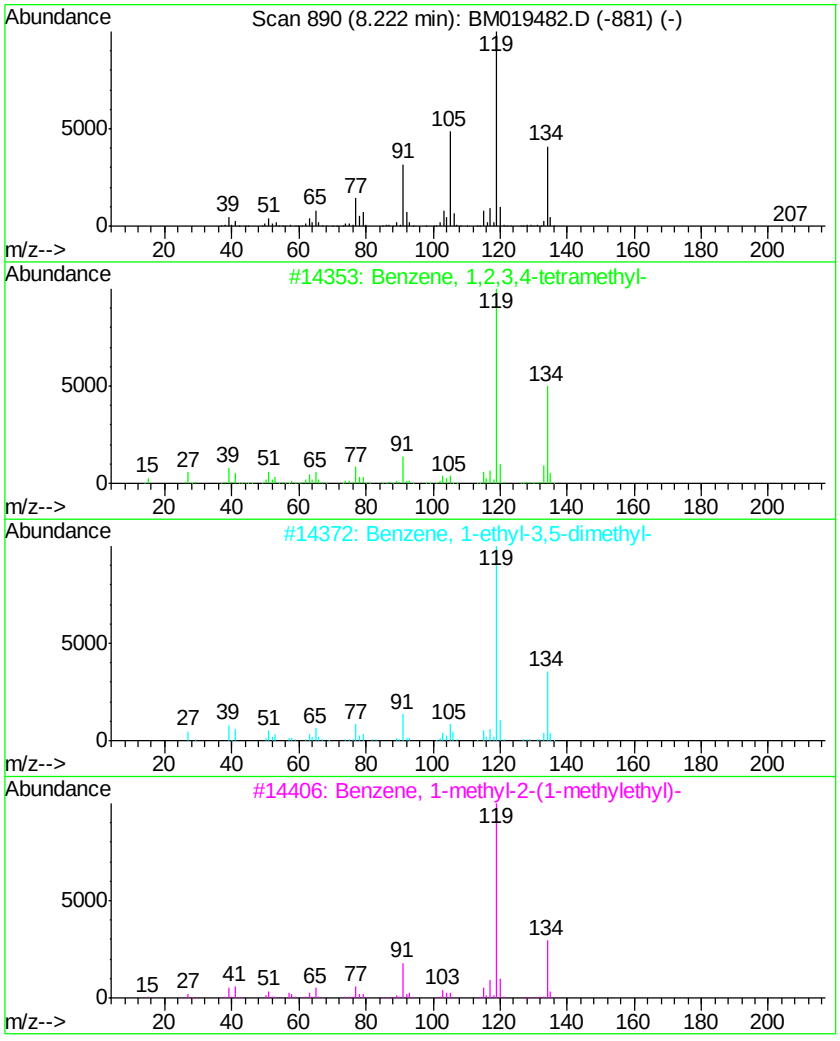
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

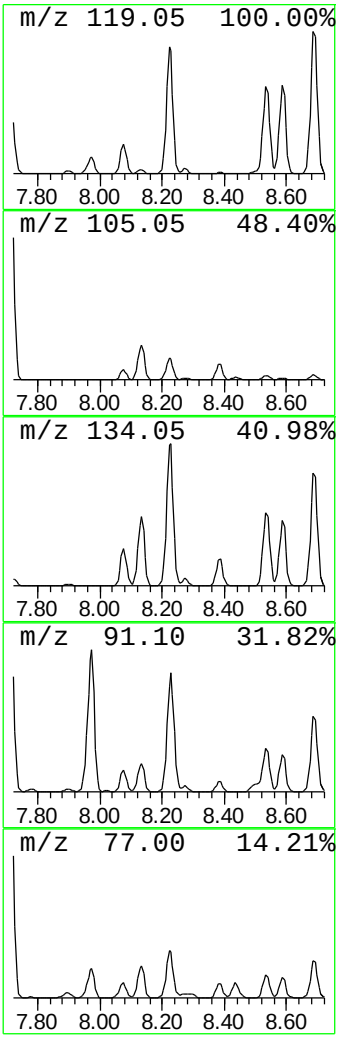
****

Peak Number 33 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	80.91 ng/ul	12973800	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019482.D
Acq On : 26 Mar 2019 22:18
Operator : JU/SJ
Sample : K2063-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6S0

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...	3.40	48.1	ng/ul	7716980	1	7.60	3207070	20.0
3-Pentanol, 3-met...	3.65	46.3	ng/ul	7416730	1	7.60	3207070	20.0
3-Hexanone	3.99	3.5	ng/ul	565565	1	7.60	3207070	20.0
2-Hexanol, 2-methyl-	4.08	7.4	ng/ul	1185510	1	7.60	3207070	20.0
1-Penten-3-ol, 2-...	4.14	15.8	ng/ul	2530750	1	7.60	3207070	20.0
Ethanol, pentamet...	4.62	28.4	ng/ul	4546990	1	7.60	3207070	20.0
2H-Pyran, 3,4-dih...	4.73	4.9	ng/ul	790050	1	7.60	3207070	20.0
3-Hexanol, 3-methyl-	4.80	32.5	ng/ul	5218540	1	7.60	3207070	20.0
1-Methylcyclohexanol	4.85	18.9	ng/ul	3038300	1	7.60	3207070	20.0
Benzene, 1,3-dime...	5.32	1355.0	ng/ul	217282000	1	7.60	3207070	20.0
2-Pentanol, 3-eth...	5.56	6.6	ng/ul	1056730	1	7.60	3207070	20.0
unknown-01	5.67	828.5	ng/ul	132853000	1	7.60	3207070	20.0
unknown-02	5.72	12.3	ng/ul	1968840	1	7.60	3207070	20.0
unknown-03	5.75	3.6	ng/ul	583306	1	7.60	3207070	20.0
Benzene, (1-methy...	6.10	53.2	ng/ul	8536150	1	7.60	3207070	20.0
3-Heptanol, 3-met...	6.27	13.6	ng/ul	2174030	1	7.60	3207070	20.0
Benzene, propyl-	6.58	103.5	ng/ul	16599600	1	7.60	3207070	20.0
Benzene, 1-ethyl-...	6.70	390.3	ng/ul	62579900	1	7.60	3207070	20.0
Benzene, 1,3,5-tr...	6.76	174.0	ng/ul	27899400	1	7.60	3207070	20.0
unknown-04	7.20	4.2	ng/ul	676464	1	7.60	3207070	20.0
Benzene, 1,2,3-tr...	7.27	612.8	ng/ul	98259800	1	7.60	3207070	20.0
Benzene, (2-methy...	7.46	5.1	ng/ul	812575	1	7.60	3207070	20.0
Benzene, (1,2,2-t...	7.49	7.5	ng/ul	1197080	1	7.60	3207070	20.0
Benzene, 1,2,4-tr...	7.72	210.8	ng/ul	33806600	1	7.60	3207070	20.0
Benzene, 1-propenyl-	7.79	3.5	ng/ul	553410	1	7.60	3207070	20.0
unknown-05	7.86	5.0	ng/ul	809792	1	7.60	3207070	20.0
2-Cyclopenten-1-o...	7.90	28.8	ng/ul	4613880	1	7.60	3207070	20.0
Indane	7.97	155.7	ng/ul	24970500	1	7.60	3207070	20.0
Benzene, 1-methyl...	8.13	51.6	ng/ul	8280270	1	7.60	3207070	20.0
Benzene, 1,2,3,4-...	8.22	80.9	ng/ul	12973800	1	7.60	3207070	20.0