LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022904.D
Acq On : 02 Oct 2019 22:01
Operator : JU
Sample : K4895-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH3

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-BM092719MA.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	3.305	50	54	68	rVV	2417786	3059627	43.39%	2.126%
2	3.610	99	106	112	rVV	921430	1169756	16.59%	0.813%
3	3.728	122	126	131	rVV	274470	359727	5.10%	0.250%
4	3.828	139	143	151	rVV	605204	820477	11.63%	0.570%
5	4.005	165	173	185	rVV	1706771	2490223	35.31%	1.730%
6	4.269	212	218	225	rVV	594139	781326	11.08%	0.543%
7	4.446	243	248	256	rBV	766853	1010567	14.33%	0.702%
8	4.899	318	325	337	rBV	997959	1348258	19.12%	0.937%
9	5.322	390	397	404	rVV	680905	994292	14.10%	0.691%
10	5.452	413	419	437	rVB	2167036	4121782	58.45%	2.864%
11	5.763	467	472	476	rVV2	158888	251082	3.56%	0.174%
12	5.822	476	482	495	rVV	1915415	2875236	40.77%	1.998%
13	6.787	638	646	652	rBV	256377	464630	6.59%	0.323%
14	6.893	656	664	669	rVV	1085930	1662839	23.58%	1.155%
15	6.957	669	675	678	rVV2	689702	1302346	18.47%	0.905%
16	6.993	678	681	684	rVV	840242	1305580	18.51%	0.907%
17	7.028	684	687	693	rVB	886599	1248610	17.71%	0.867%
18	7.134	699	705	710	rBV	792698	1267468	17.97%	0.881%
19	7.193	710	715	721	rVV	605206	953224	13.52%	0.662%
20	7.263	721	727	733	rVV	153588	275541	3.91%	0.191%
21	7.334	733	739	749	rVV	990742	1616602	22.92%	1.123%
22	7.451	750	759	767	rVV	2937962	4671974	66.25%	3.246%
23	7.798	810	818	823	rBV	1047463	1724081	24.45%	1.198%
24	7.869	823	830	833	rVV2	557543	922371	13.08%	0.641%
25	7.916	833	838	849	rVB	1268505	2090678	29.65%	1.453%
26	8.175	874	882	888	rVB2	596005	1061570	15.05%	0.738%
27	8.240	888	893	898	rVB	452736	655936	9.30%	0.456%
28	8.345	906	911	917	rVB2	257944	454169	6.44%	0.316%
29	8.440	921	927	932	rBV	507690	797036	11.30%	0.554%
30	8.504	932	938	943	rBV	769607	1182377	16.77%	0.821%
31	8.569	943	949	964	rVB2	1763525	3385076	48.00%	2.352%
32	8.757	975	981	985	rBV	245499	384399	5.45%	0.267%
33	8.804	985	989	996	rVB	269456	415764	5.90%	0.289%
34	8.904	996	1006	1010	rBV	562661	1026983	14.56%	0.714%

LSC Area Percent Report

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Acq On : 02 Oct 2019 22:01
Operator : JU
Sample : K4895-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH3

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-BM092719MA.M
Title : SVOA CALIBRATION

35	8.951	1010	1014	1018	rBV	848576	1288219	18.27%	0.895%
36	9.040	1025	1029	1035	rVB2	398263	630118	8.94%	0.438%
37	9.234	1054	1062	1069	rVB2	147317	351630	4.99%	0.244%
38	9.428	1084	1095	1100	rBV	330912	587490	8.33%	0.408%
39	9.487	1100	1105	1114	rVV	497043	923520	13.10%	0.642%
40	9.563	1114	1118	1123	rVB	189801	273098	3.87%	0.190%
41	9.675	1129	1137	1143	rBV	864734	1502158	21.30%	1.044%
42	9.769	1143	1153	1156	rVV	1847718	3154408	44.73%	2.192%
43	9.798	1156	1158	1163	rVV2	925650	1364814	19.35%	0.948%
44	9.845	1163	1166	1175	rVV	365745	610338	8.65%	0.424%
45	9.928	1175	1180	1185	rVV3	109430	287548	4.08%	0.200%
46	10.016	1185	1195	1201	rVV5	1506700	5194292	73.66%	3.609%
47	10.075	1201	1205	1213	rVV	2005809	3278178	46.49%	2.278%
48	10.216	1221	1229	1238	rVB2	1742128	3542489	50.23%	2.461%
49	10.369	1249	1255	1264	rBV	225704	421078	5.97%	0.293%
50	10.463	1264	1271	1276	rVV	786557	1341835	19.03%	0.932%
51	10.510	1276	1279	1283	rVV2	130178	220336	3.12%	0.153%
52	10.586	1283	1292	1297	rVV	1491565	3021225	42.84%	2.099%
53	10.645	1297	1302	1309	rVV	3864738	7052080	100.00%	4.899%
54	10.722	1309	1315	1327	rVV2	871009	2054373	29.13%	1.427%
55	10.939	1347	1352	1360	rVB	485887	938772	13.31%	0.652%
56	11.128	1378	1384	1390	rBV	335737	525006	7.44%	0.365%
57	11.204	1392	1397	1402	rBV2	176476	276682	3.92%	0.192%
58	11.416	1425	1433	1444	rVB2	468573	878457	12.46%	0.610%
59	11.510	1444	1449	1454	rVB	145009	239340	3.39%	0.166%
60	11.616	1462	1467	1472	rBV2	177142	322963	4.58%	0.224%
61	11.669	1472	1476	1478	rVV	139703	220127	3.12%	0.153%
62	11.698	1478	1481	1489	rVB3	204894	374900	5.32%	0.260%
63	11.933	1511	1521	1525	rBV3	116458	261508	3.71%	0.182%
64	12.022	1532	1536	1541	rVV	152252	246381	3.49%	0.171%
65	12.145	1552	1557	1568	rVV3	111162	319234	4.53%	0.222%
66	12.251	1569	1575	1588	rVB	1673290	2693627	38.20%	1.871%
67	12.475	1604	1613	1618	rVB	1002504	1640077	23.26%	1.139%
68	13.275	1743	1749	1757	rVB3	328199	562975	7.98%	0.391%
69	13.351	1757	1762	1768	rBV	176864	276547	3.92%	0.192%
70	13.610	1794	1806	1813	rBV3	178109	514866	7.30%	0.358%
71	13.751	1825	1830	1835	rVV	221668	380829	5.40%	0.265%

LSC Area Percent Report

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Acq On : 02 Oct 2019 22:01
Operator : JU
Sample : K4895-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH3

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-BM092719MA.M
Title : SVOA CALIBRATION

72	13.845	1841	1846	1850	rVV	2461085	3365974	47.73%	2.339%
73	13.892	1850	1854	1858	rVB	1037099	1331883	18.89%	0.925%
74	13.992	1865	1871	1875	rBV2	117834	210775	2.99%	0.146%
75	14.127	1887	1894	1904	rVB	2858743	4366967	61.92%	3.034%
76	14.433	1939	1946	1952	rVV	2002202	3143063	44.57%	2.184%
77	14.498	1952	1957	1963	rVB	451998	693578	9.84%	0.482%
78	14.633	1976	1980	1985	rVV2	210301	305606	4.33%	0.212%
79	14.833	2009	2014	2018	rBV	241650	400831	5.68%	0.278%
80	15.427	2109	2115	2120	rBV	3604970	4969109	70.46%	3.452%
81	15.480	2120	2124	2128	rVV	333434	435644	6.18%	0.303%
82	15.539	2128	2134	2142	rVB	935056	1316009	18.66%	0.914%
83	16.416	2279	2283	2287	rBV	211624	290336	4.12%	0.202%
84	16.457	2287	2290	2299	rVB3	102831	208379	2.95%	0.145%
85	16.998	2378	2382	2392	rVB2	143309	236265	3.35%	0.164%
86	17.174	2406	2412	2416	rBV	1978182	2814585	39.91%	1.955%
87	17.215	2416	2419	2423	rVV	678904	847763	12.02%	0.589%
88	17.274	2423	2429	2440	rVB	3363300	4902664	69.52%	3.406%
89	17.568	2475	2479	2484	rVB	335194	447569	6.35%	0.311%
90	17.680	2494	2498	2502	rVB	199643	239503	3.40%	0.166%
91	18.074	2561	2565	2571	rBV3	403446	589911	8.37%	0.410%
92	18.374	2612	2616	2623	rVB	188307	277619	3.94%	0.193%
93	19.004	2720	2723	2729	rBV	220547	259651	3.68%	0.180%
94	19.227	2758	2761	2766	rBV2	283140	357906	5.08%	0.249%
95	19.562	2813	2818	2828	rBV	3622607	5213484	73.93%	3.622%
96	20.115	2910	2912	2916	rVB	207526	217655	3.09%	0.151%
97	21.068	3071	3074	3078	rVB	455398	539396	7.65%	0.375%
98	21.350	3118	3122	3126	rBV	1888621	2261419	32.07%	1.571%
99	23.474	3476	3483	3499	rVB	2389825	5106699	72.41%	3.548%
100	23.615	3501	3507	3514	rVB	1400460	2661471	37.74%	1.849%

Sum of corrected areas: 143934839

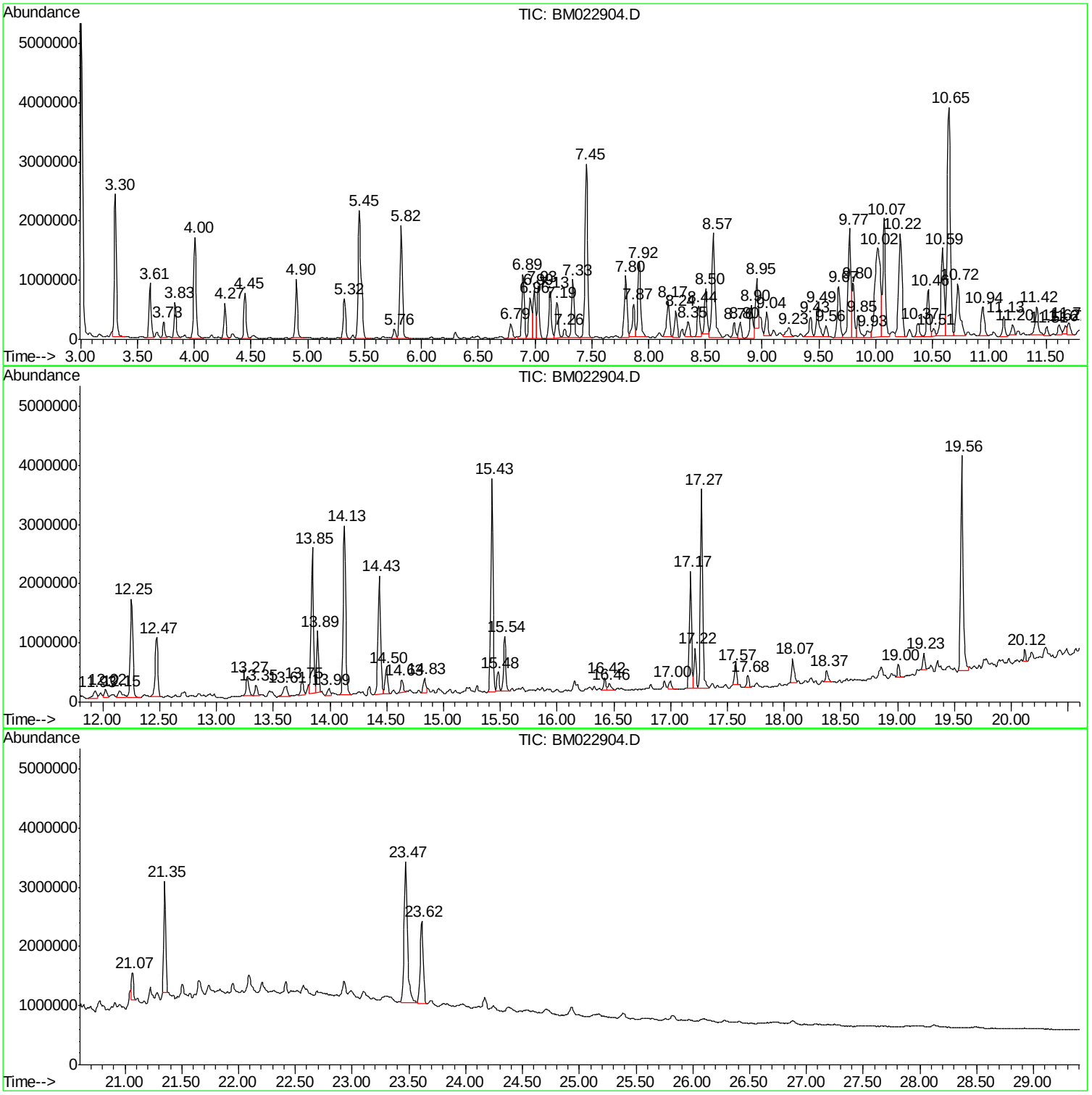
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022904.D
Acq On : 02 Oct 2019 22:01
Operator : JU
Sample : K4895-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
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ClientSampleId : BFDH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

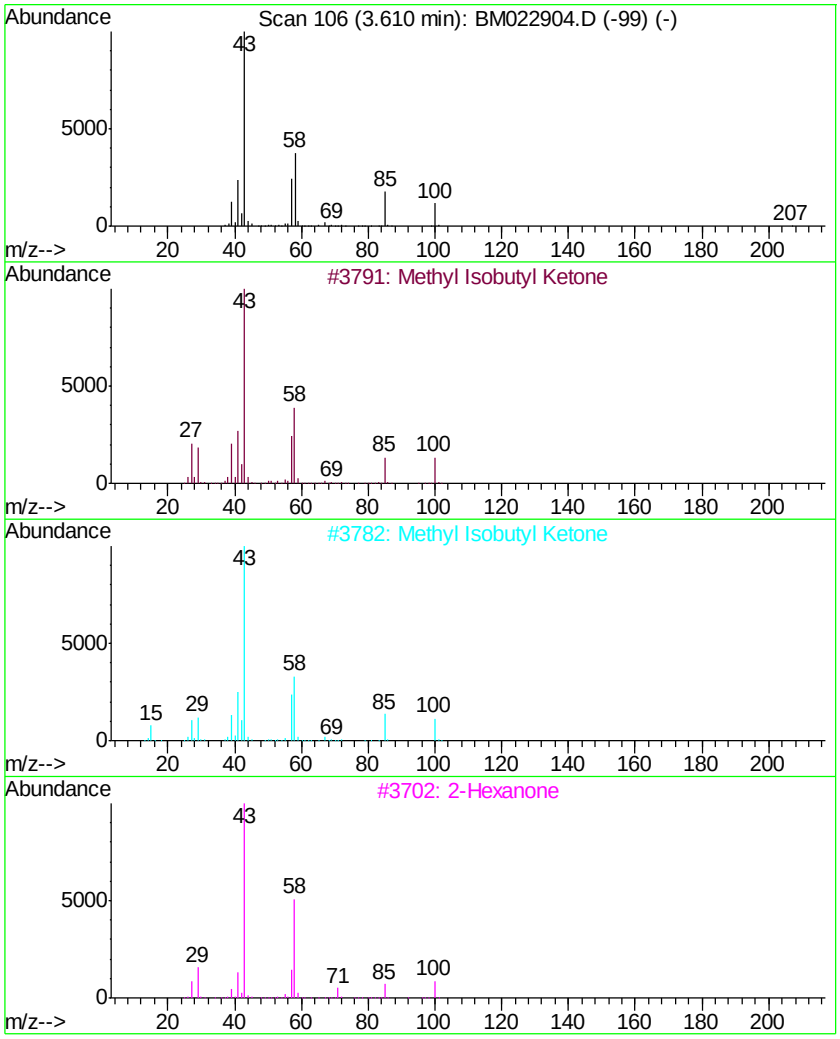
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

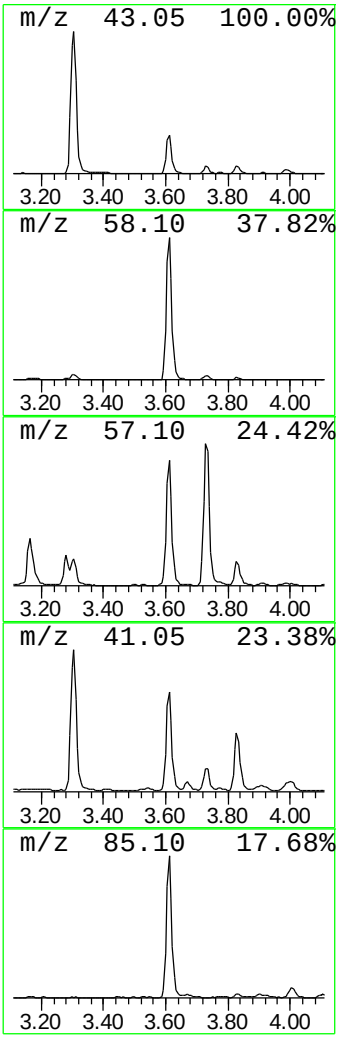
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	13.57 ng/ul	1169760	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	80
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	80
3	2-Hexanone	100	C6H12O	000591-78-6	78
4	2-Hexanone	100	C6H12O	000591-78-6	78
5	2-Hexanone	100	C6H12O	000591-78-6	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022904.D
Acq On : 02 Oct 2019 22:01
Operator : JU
Sample : K4895-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

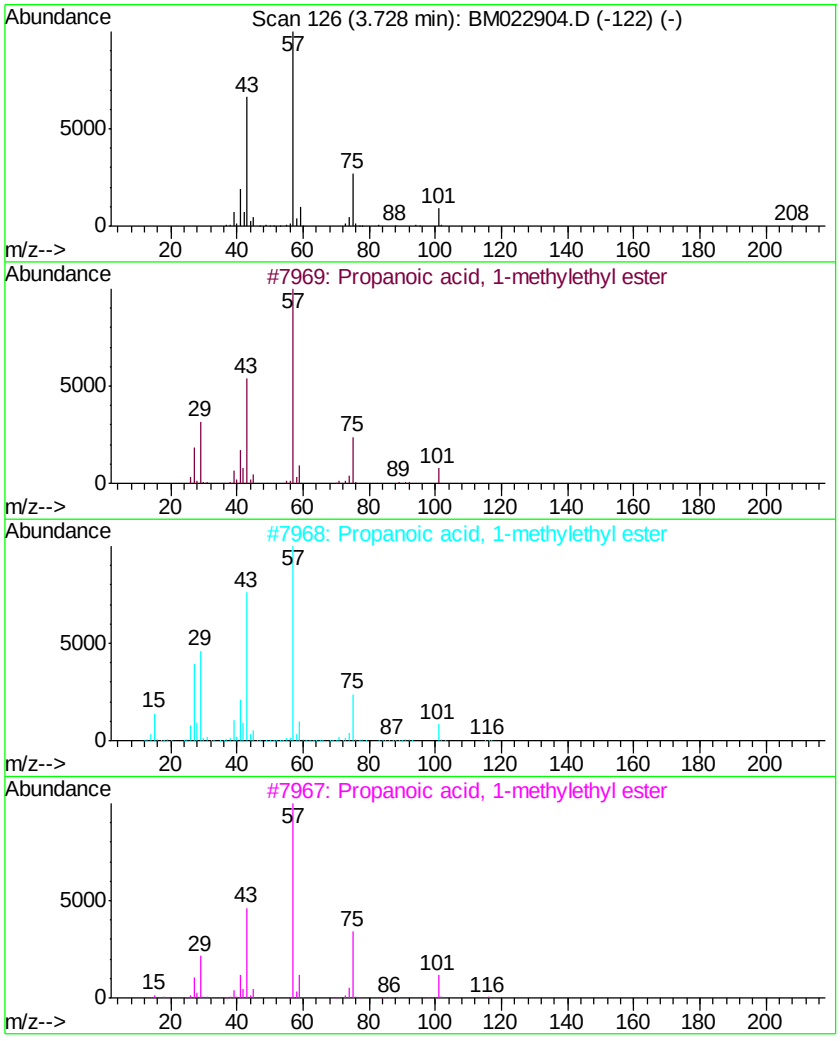
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

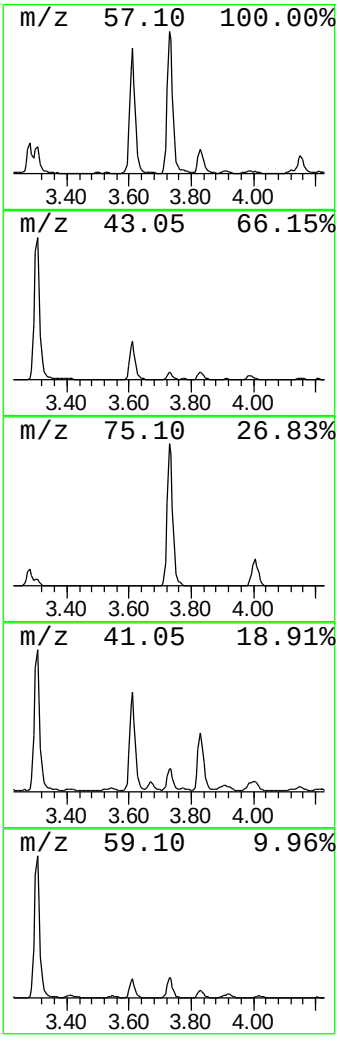
****

Peak Number 2 Propanoic acid, 1-methyleth... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	4.17 ng/ul	359727	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	40
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022904.D
Acq On : 02 Oct 2019 22:01
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Sample : K4895-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

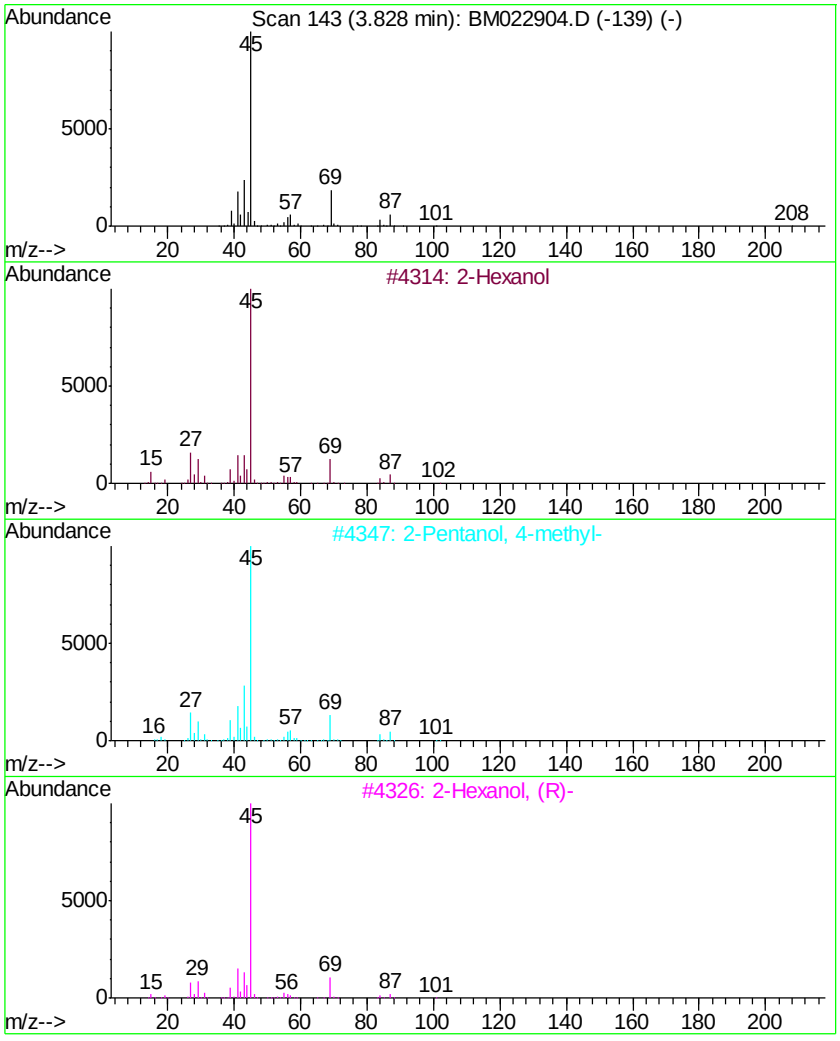
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

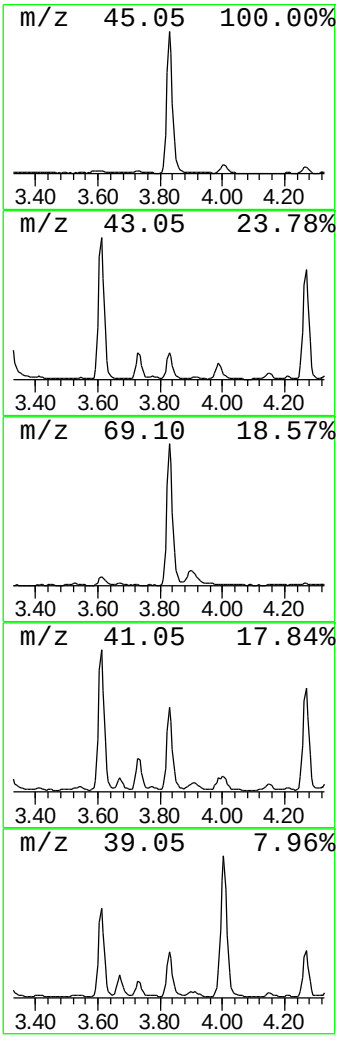
****

Peak Number 3 2-Hexanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	9.52 ng/ul	820477	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
3	2-Hexanol, (R)-	102	C6H14O	026549-24-6	78
4	2-Hexanol	102	C6H14O	000626-93-7	78
5	2-Hexanol	102	C6H14O	000626-93-7	64





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Data File : BM022904.D
Acq On : 02 Oct 2019 22:01
Operator : JU
Sample : K4895-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

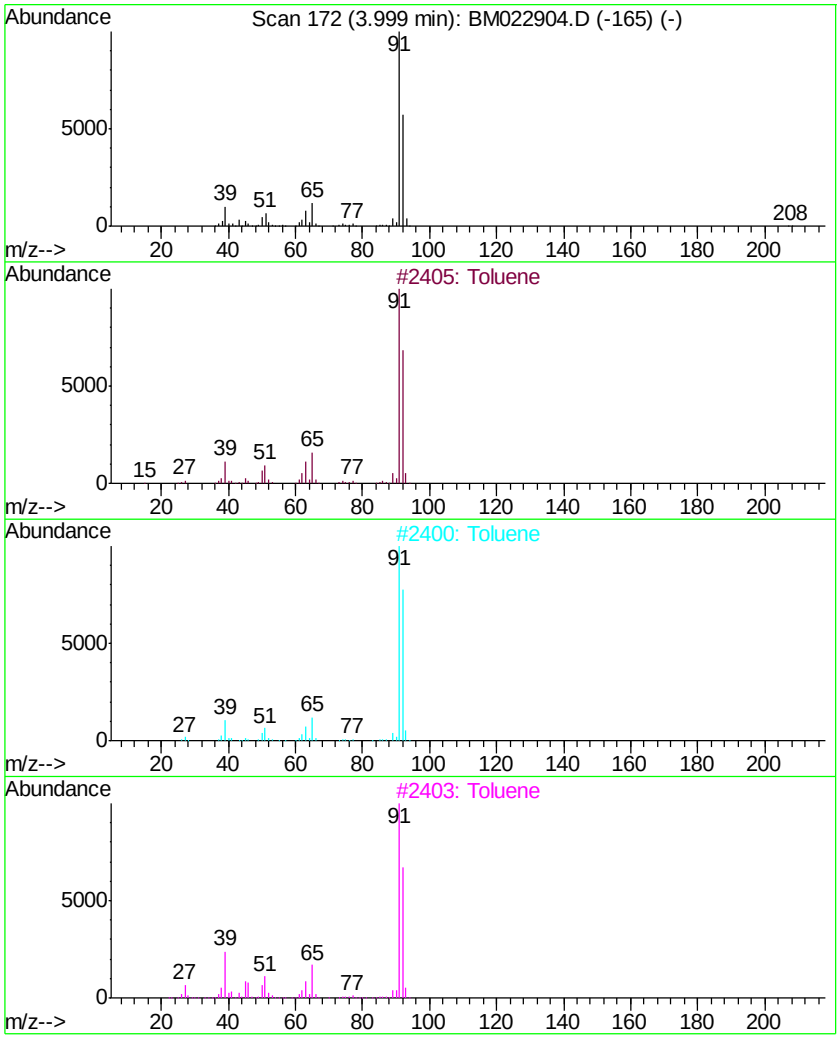
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

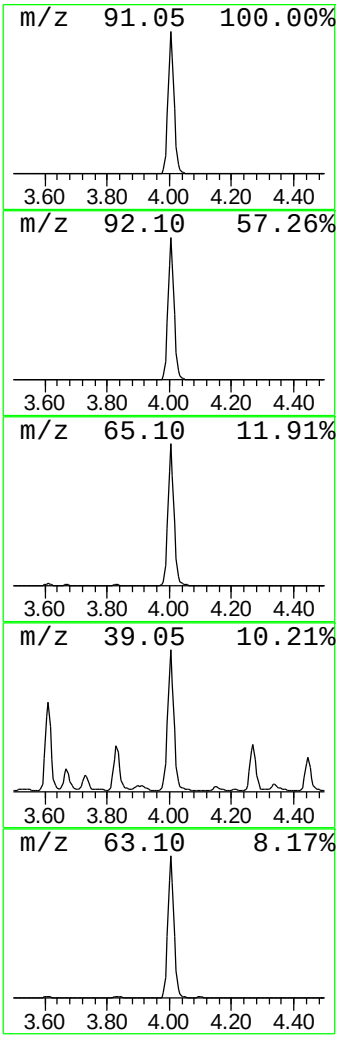
****

Peak Number 4 Toluene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	28.89 ng/ul	2490220	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022904.D
Acq On : 02 Oct 2019 22:01
Operator : JU
Sample : K4895-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

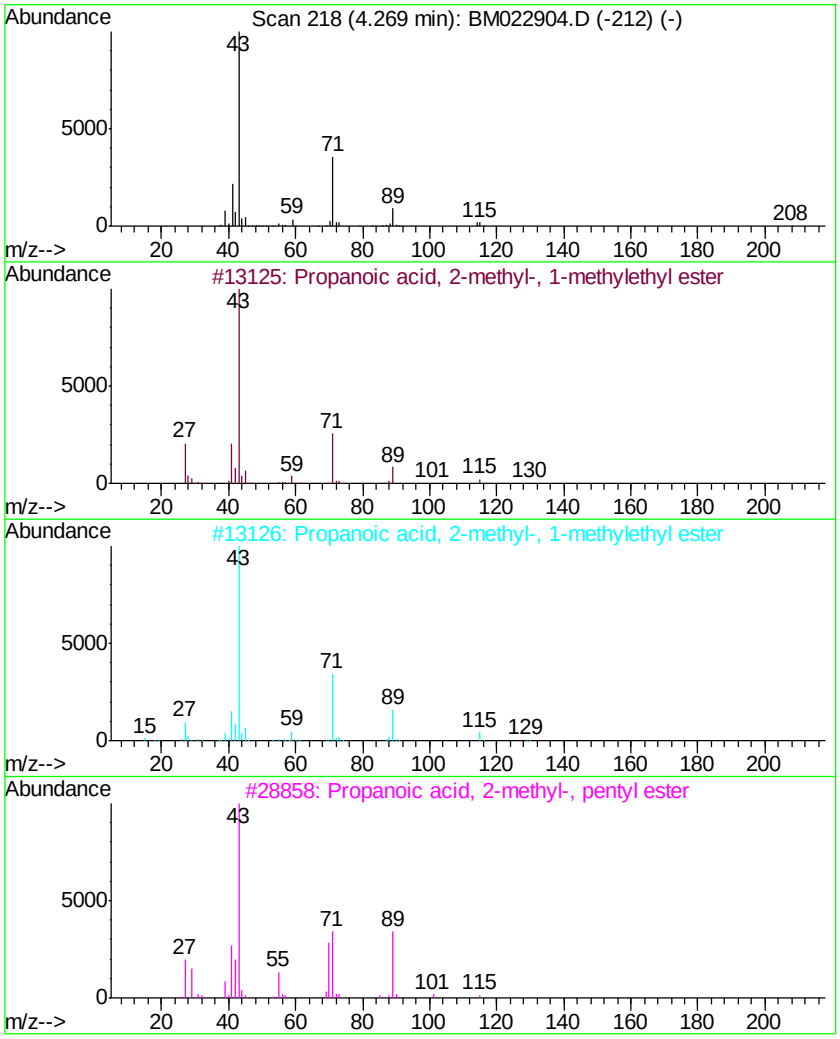
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

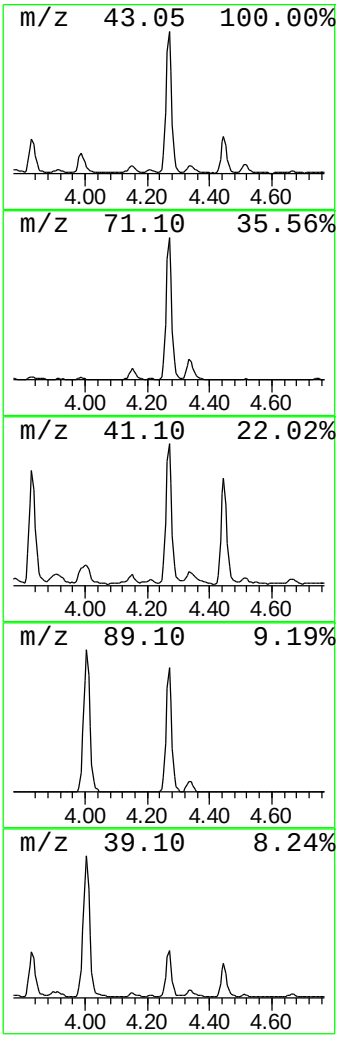
****

Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	9.06 ng/ul	781326	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
3	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39
4	3,3-Dimethyl-2-pentanone	114	C7H14O	020669-04-9	33
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	28





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Acq On : 02 Oct 2019 22:01
Operator : JU
Sample : K4895-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH3

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Quant Title : SVOA CALIBRATION

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

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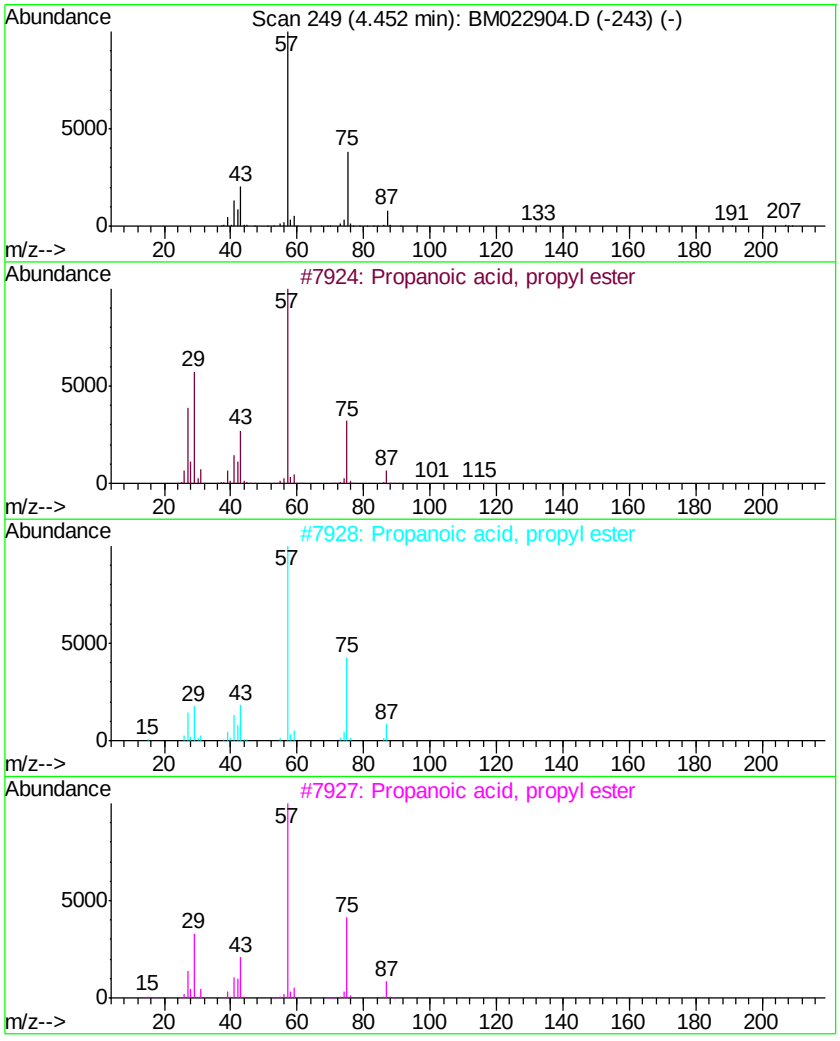
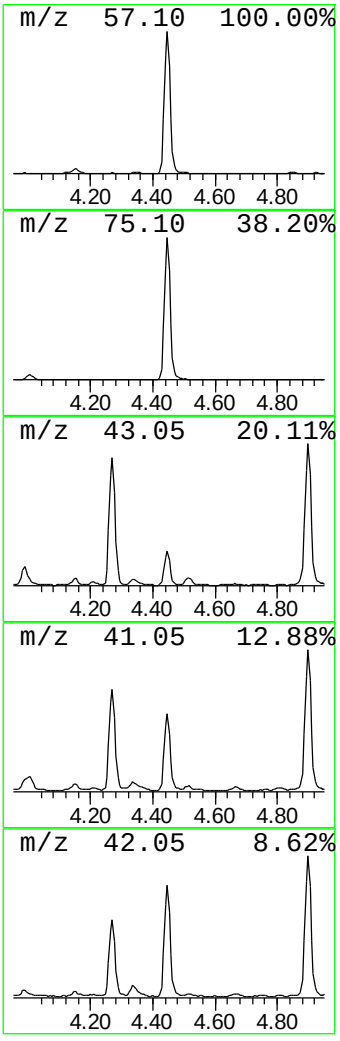
Peak Number 6 Propanoic acid, propyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	11.72 ng/ul	1010570	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	74
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	39





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Instrument : BNA_M
ClientSampleId : BFDH3

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Quant Title : SVOA CALIBRATION

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

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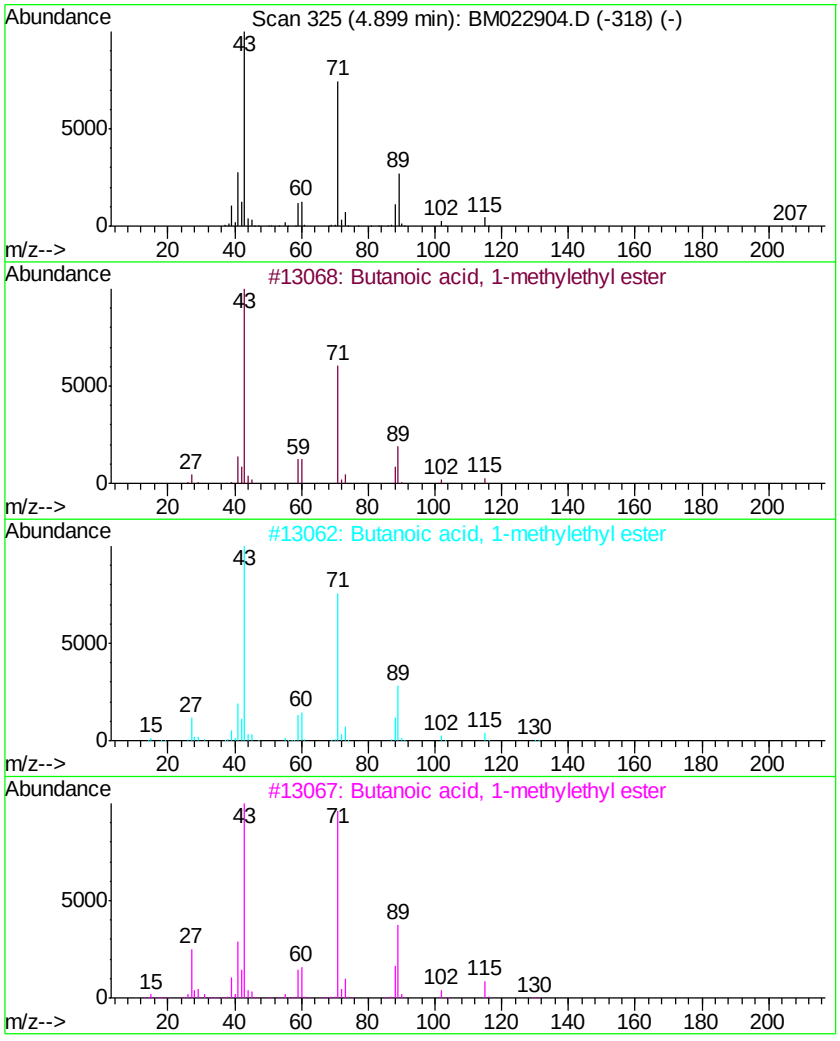
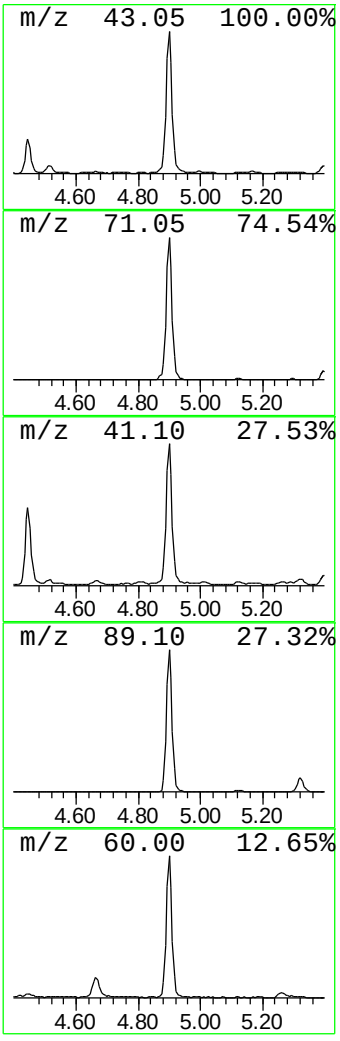
Peak Number 7 Butanoic acid, 1-methylethy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	15.64 ng/ul	1348260	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	83
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	56





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ClientSampleId : BFDH3

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Quant Title : SVOA CALIBRATION

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

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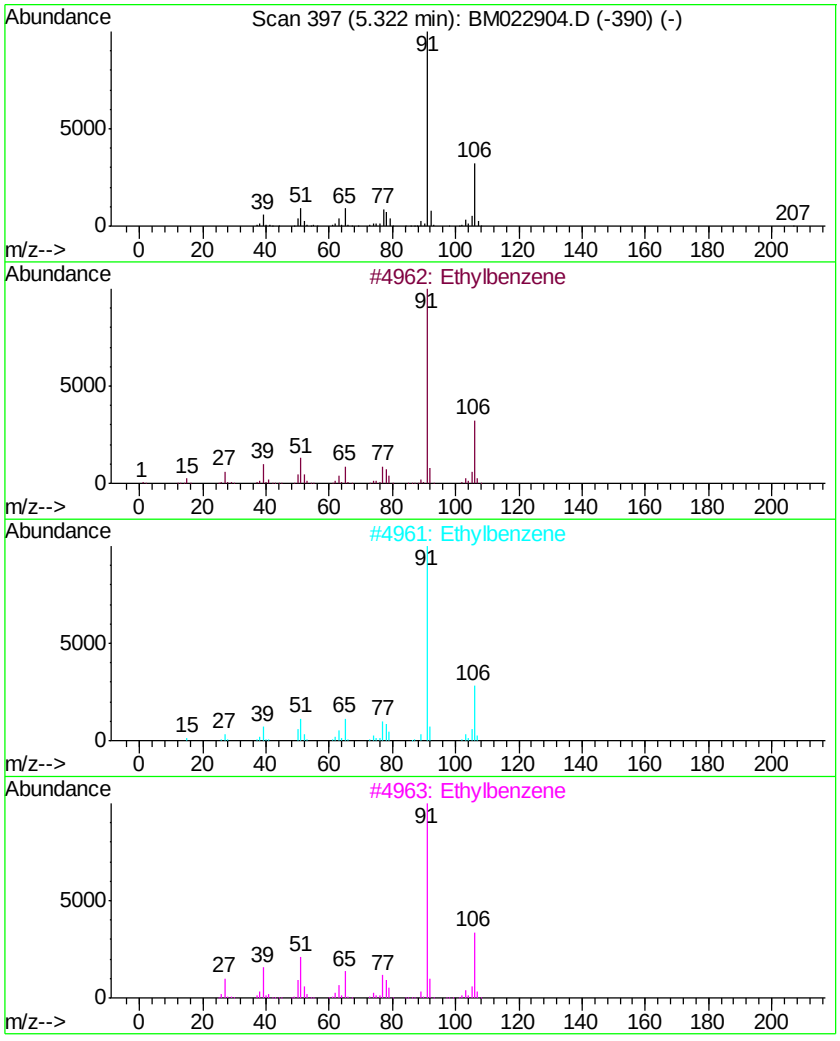
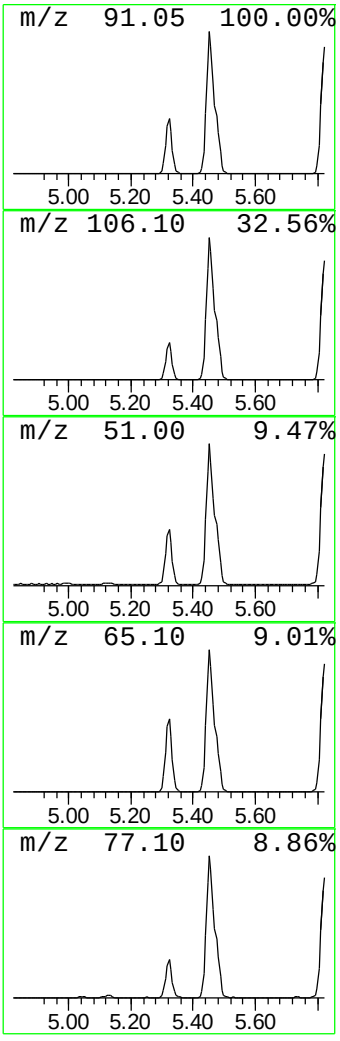
Peak Number 8 Ethylbenzene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	11.53 ng/ul	994292	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	o-Xylene	106	C8H10	000095-47-6	68





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Instrument : BNA_M
ClientSampleId : BFDH3

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Quant Title : SVOA CALIBRATION

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

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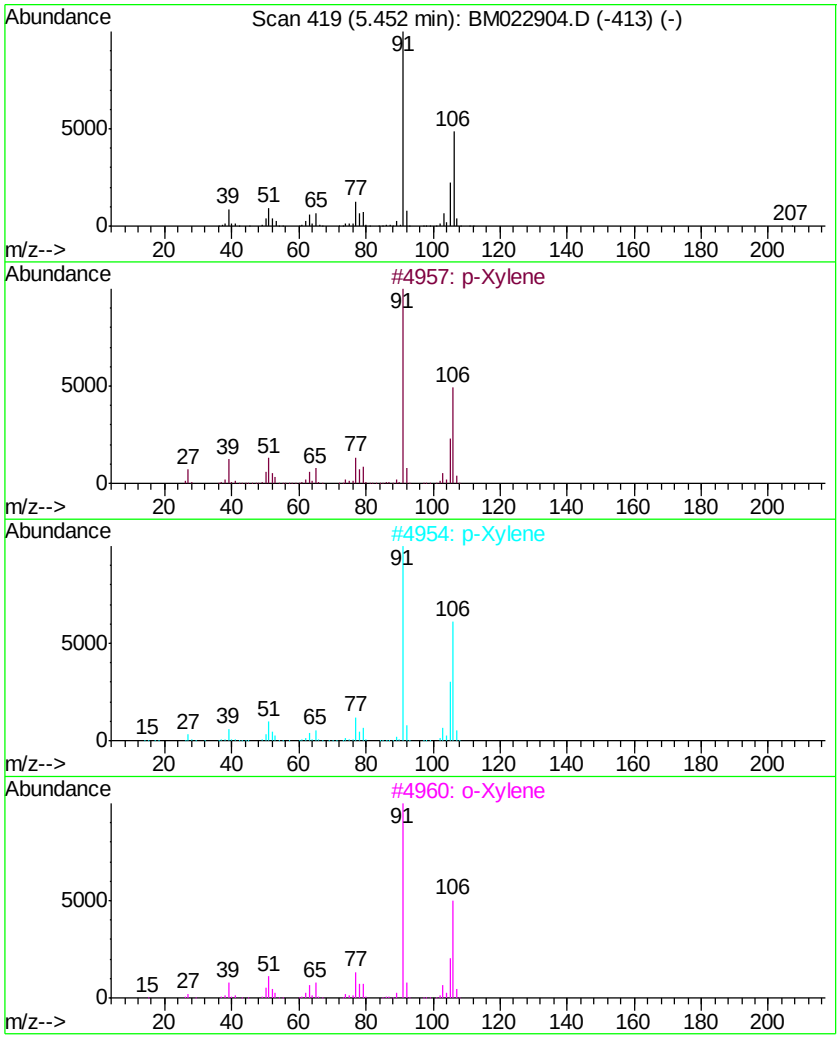
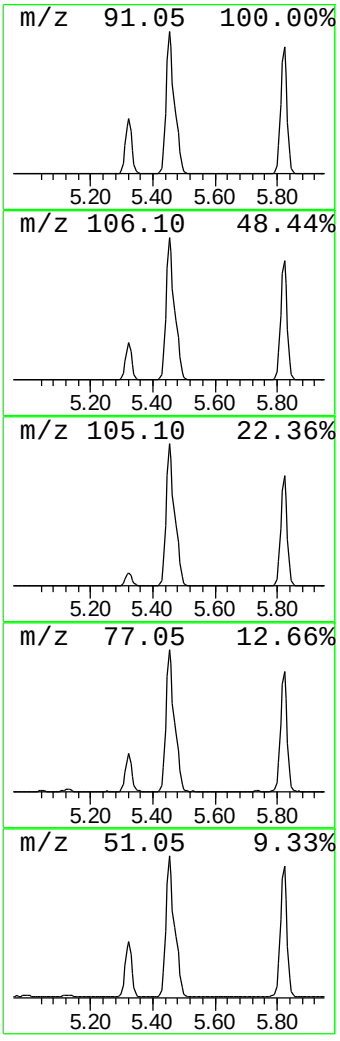
Peak Number 9 p-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	47.81 ng/ul	4121780	1,4-Dichlorobenzene-d4	7.80

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





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Quant Title : SVOA CALIBRATION

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

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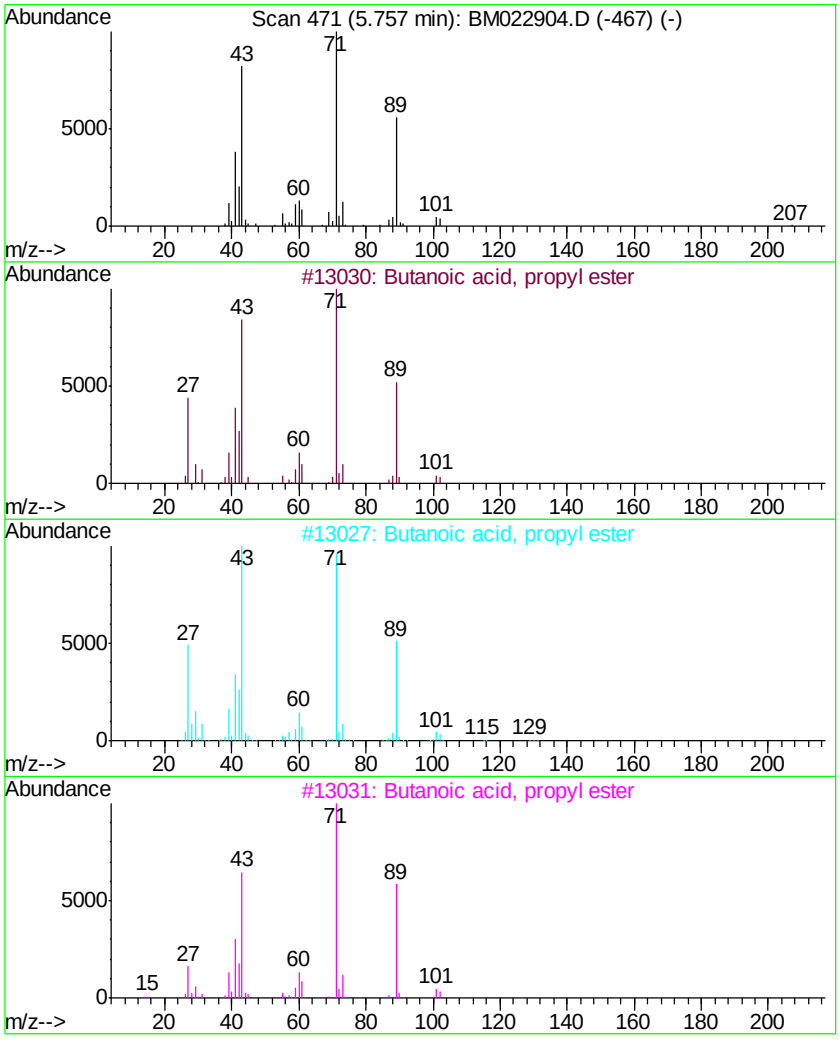
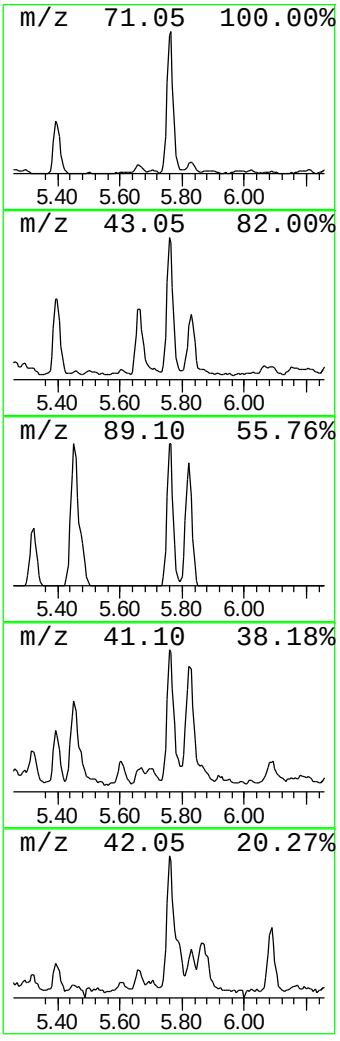
Peak Number 10 Butanoic acid, propyl ester Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	2.91 ng/ul	251082	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	86
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72





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Instrument : BNA_M
ClientSampleId : BFDH3

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Quant Title : SVOA CALIBRATION

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

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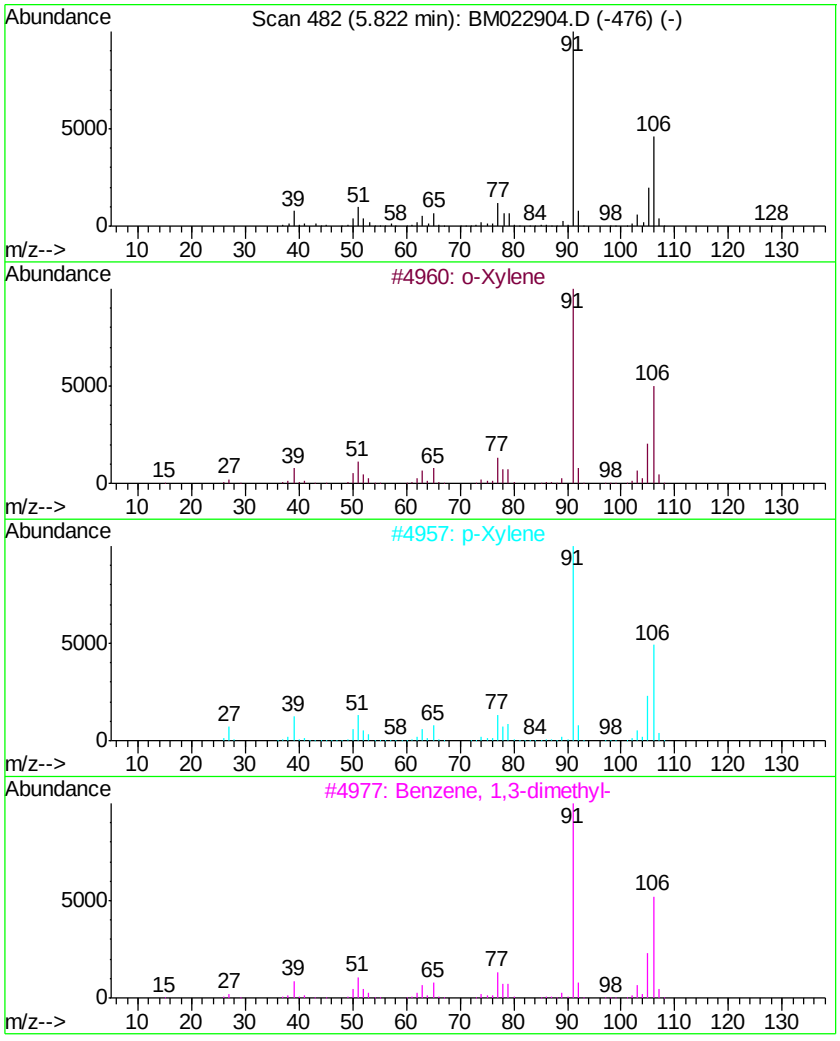
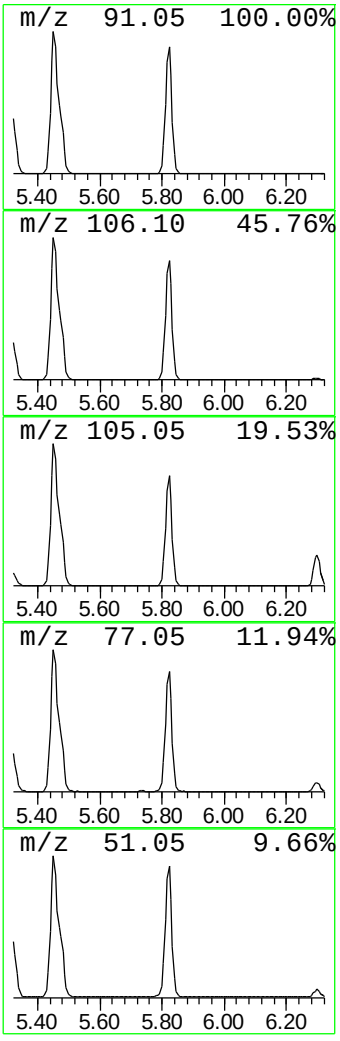
Peak Number 11 o-Xylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	33.35 ng/ul	2875240	1,4-Dichlorobenzene-d4	7.80

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





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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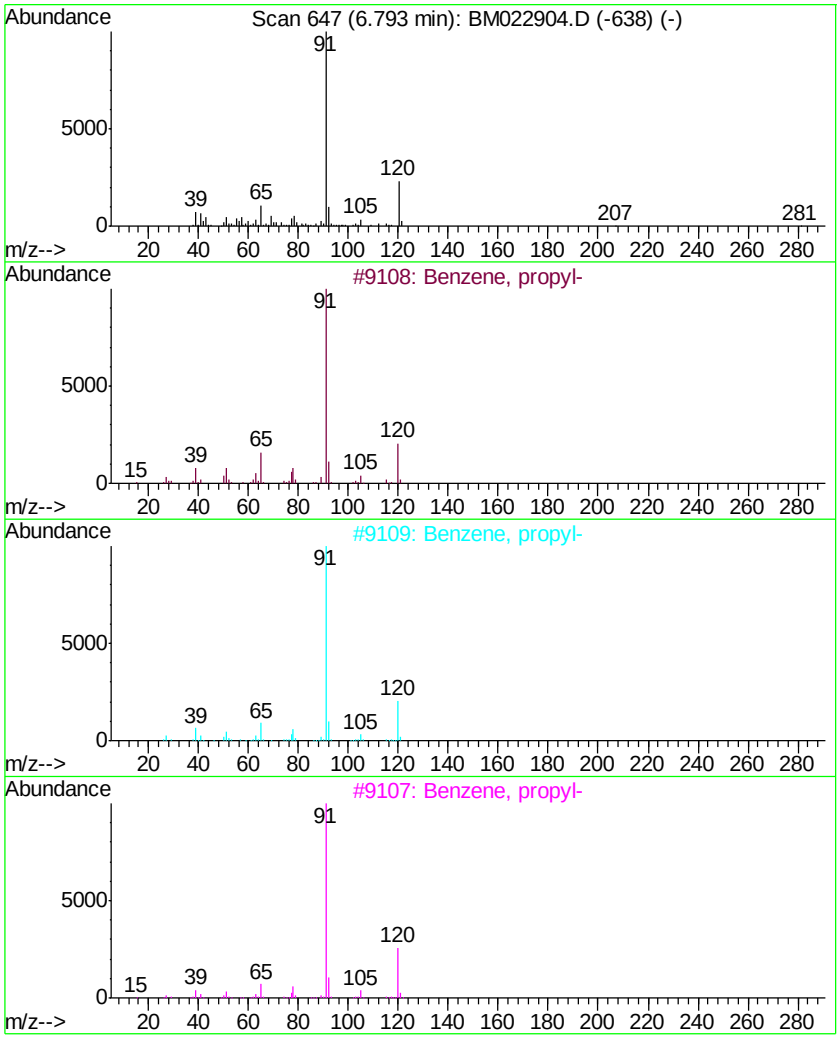
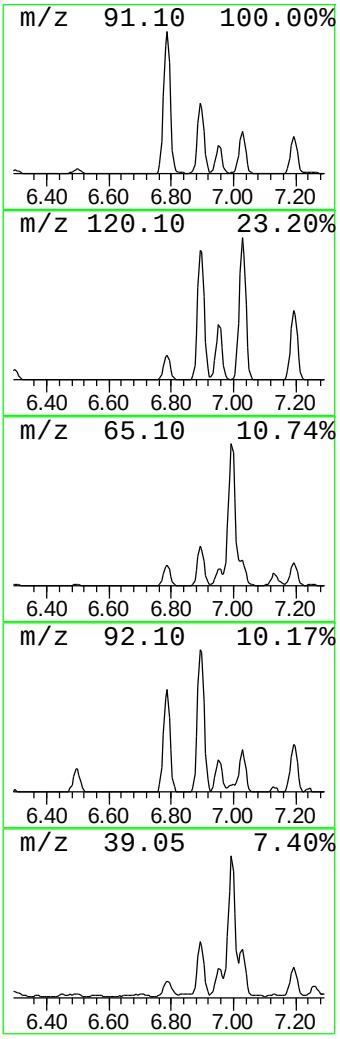
Peak Number 12 Benzene, propyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	5.39 ng/ul	464630	1,4-Dichlorobenzene-d4	7.80

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	90
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72





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Quant Title : SVOA CALIBRATION

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

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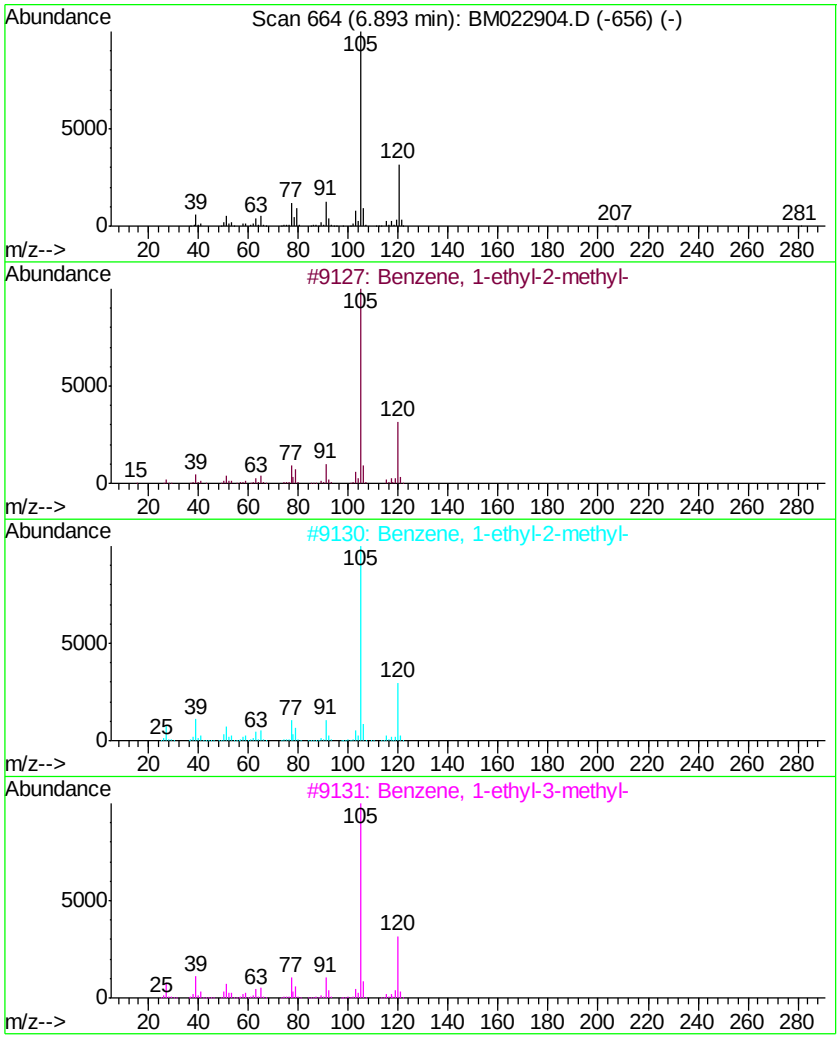
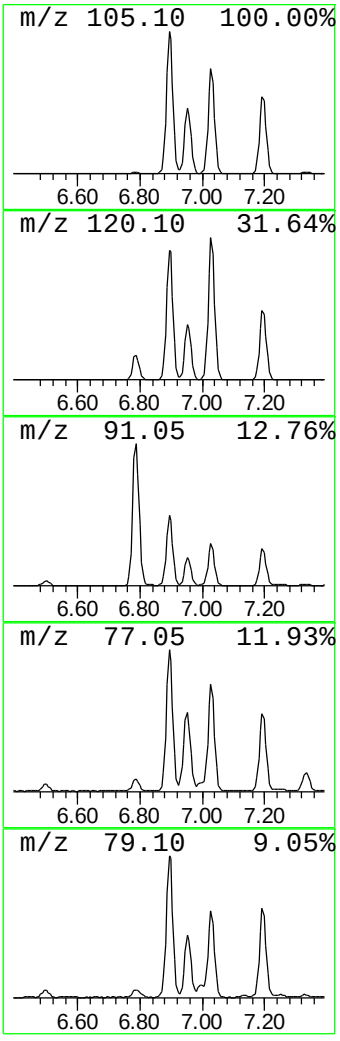
Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	19.29 ng/ul	1662840	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
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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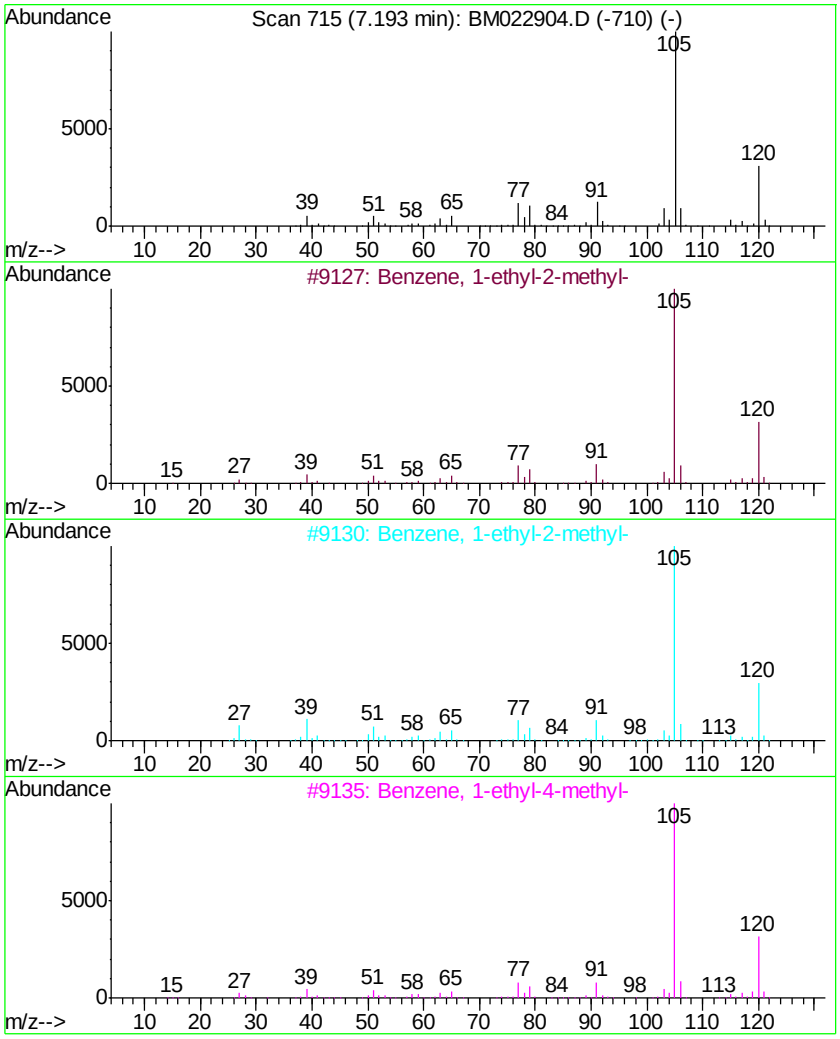
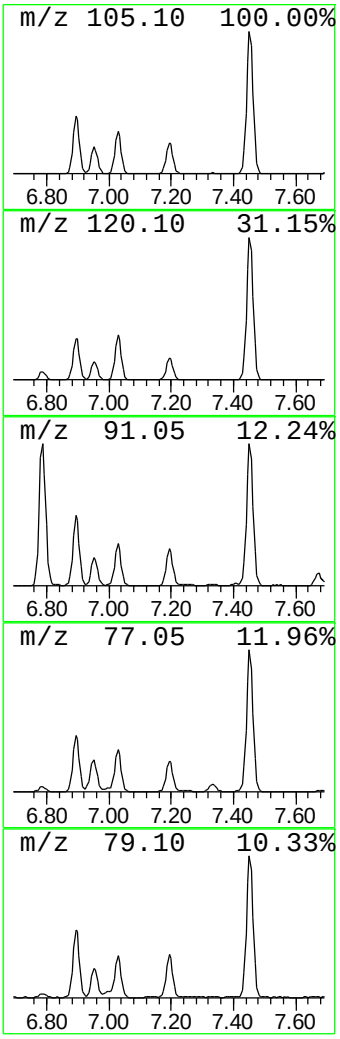
Peak Number 14 Benzene, 1-ethyl-4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	11.06 ng/ul	953224	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
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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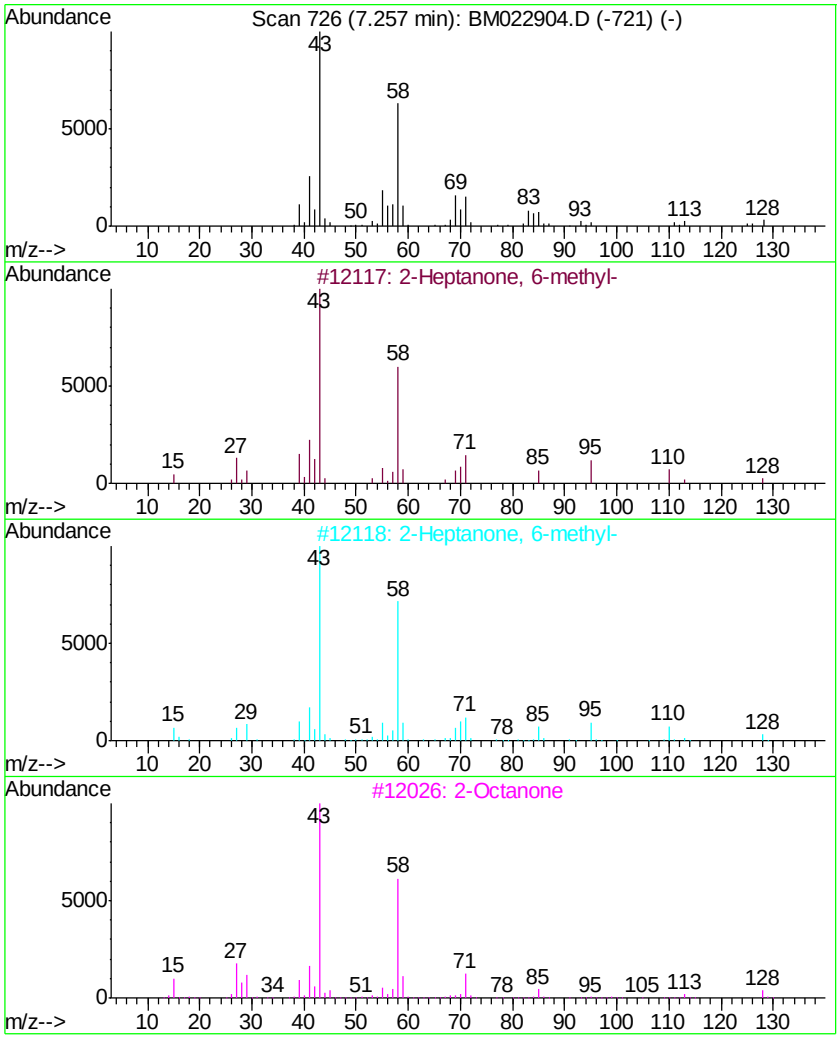
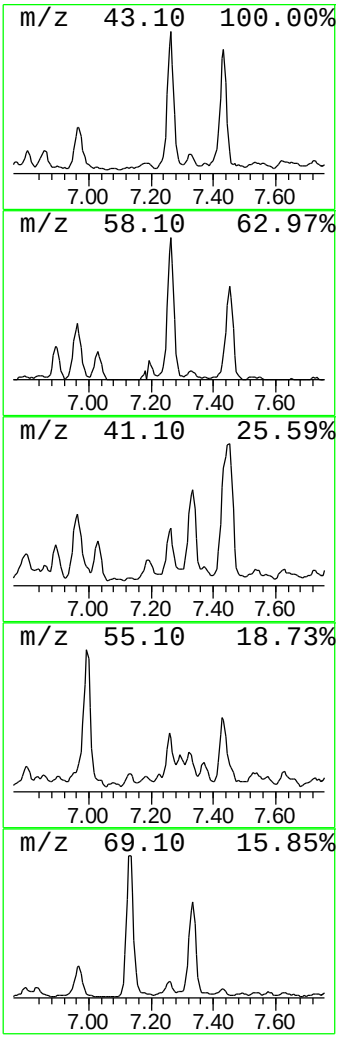
Peak Number 15 2-Heptanone, 6-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	3.20 ng/ul	275541	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	87
2	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	86
3	2-Octanone	128	C8H16O	000111-13-7	83
4	2-Octanone	128	C8H16O	000111-13-7	72
5	2-Octanone	128	C8H16O	000111-13-7	64





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Quant Title : SVOA CALIBRATION

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

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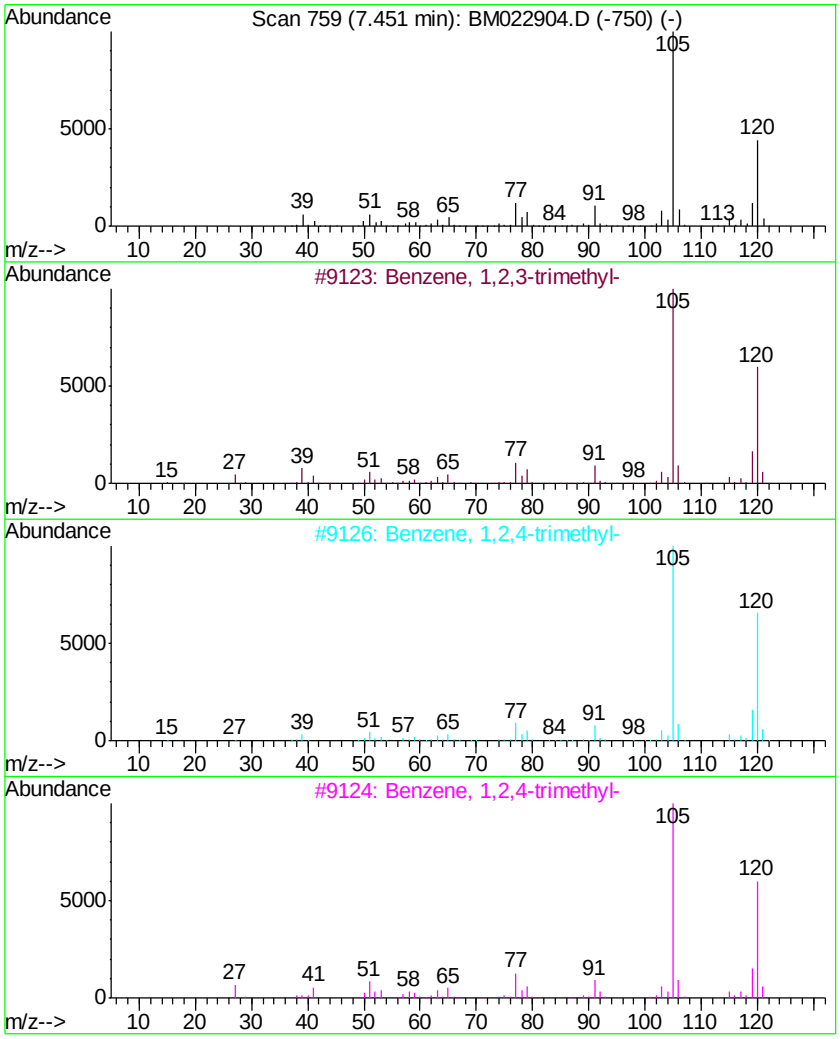
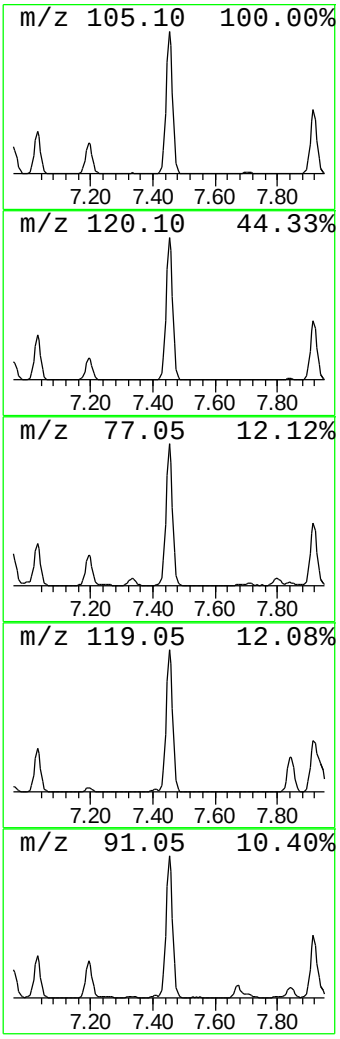
Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	54.20 ng/ul	4671970	1,4-Dichlorobenzene-d4	7.80

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	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	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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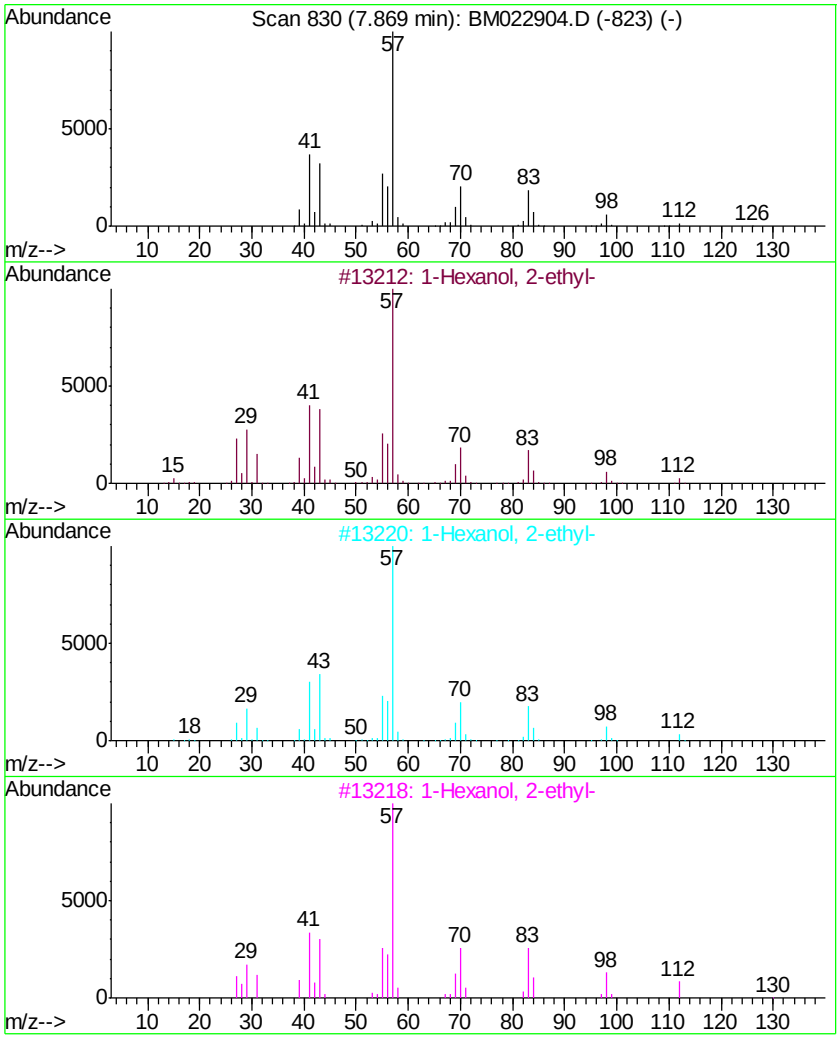
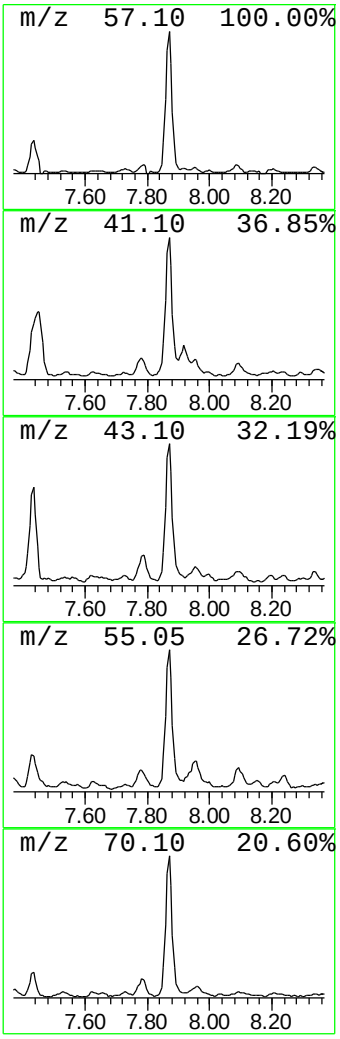
Peak Number 17 1-Hexanol, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	10.70 ng/ul	922371	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	64
5	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	53





Library Search Compound Report

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Acq On : 02 Oct 2019 22:01
Operator : JU
Sample : K4895-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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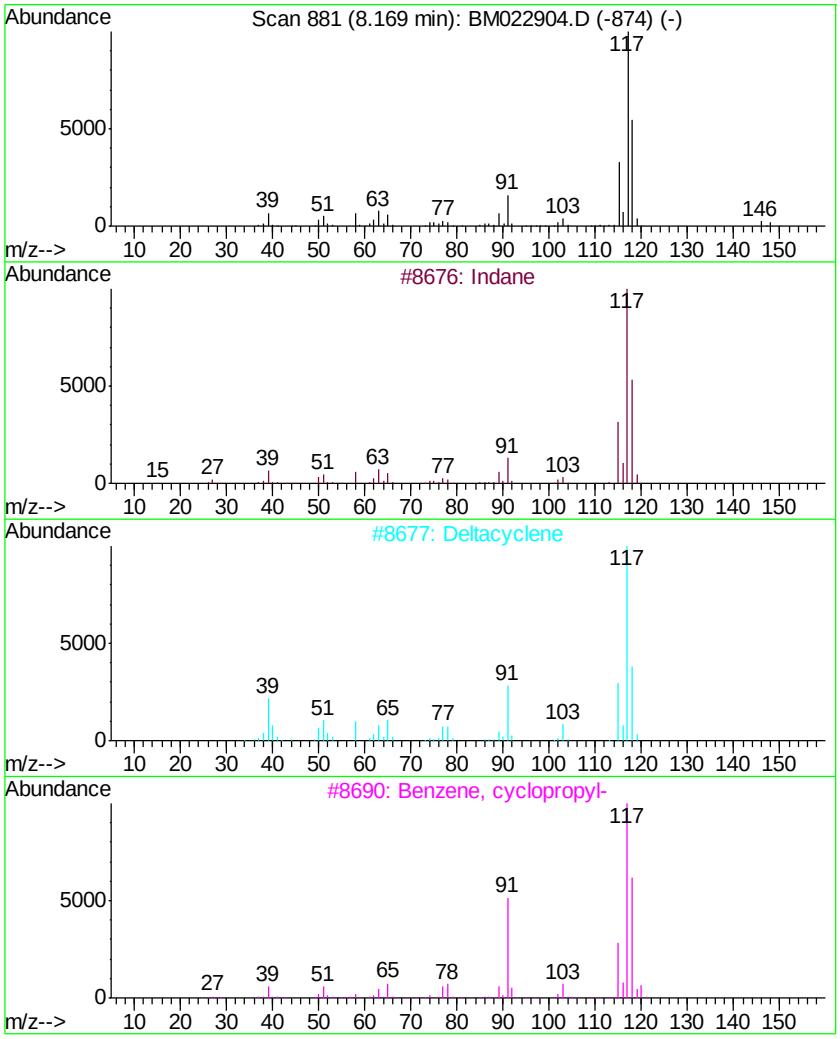
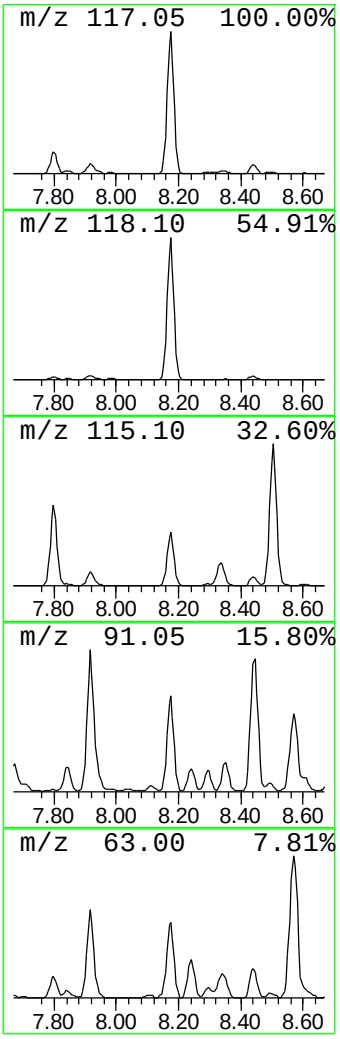
Peak Number 19 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	12.31 ng/ul	1061570	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Indane	118	C9H10	000496-11-7	64
5	Indane	118	C9H10	000496-11-7	64





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ClientSampleId : BFDH3

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Quant Title : SVOA CALIBRATION

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

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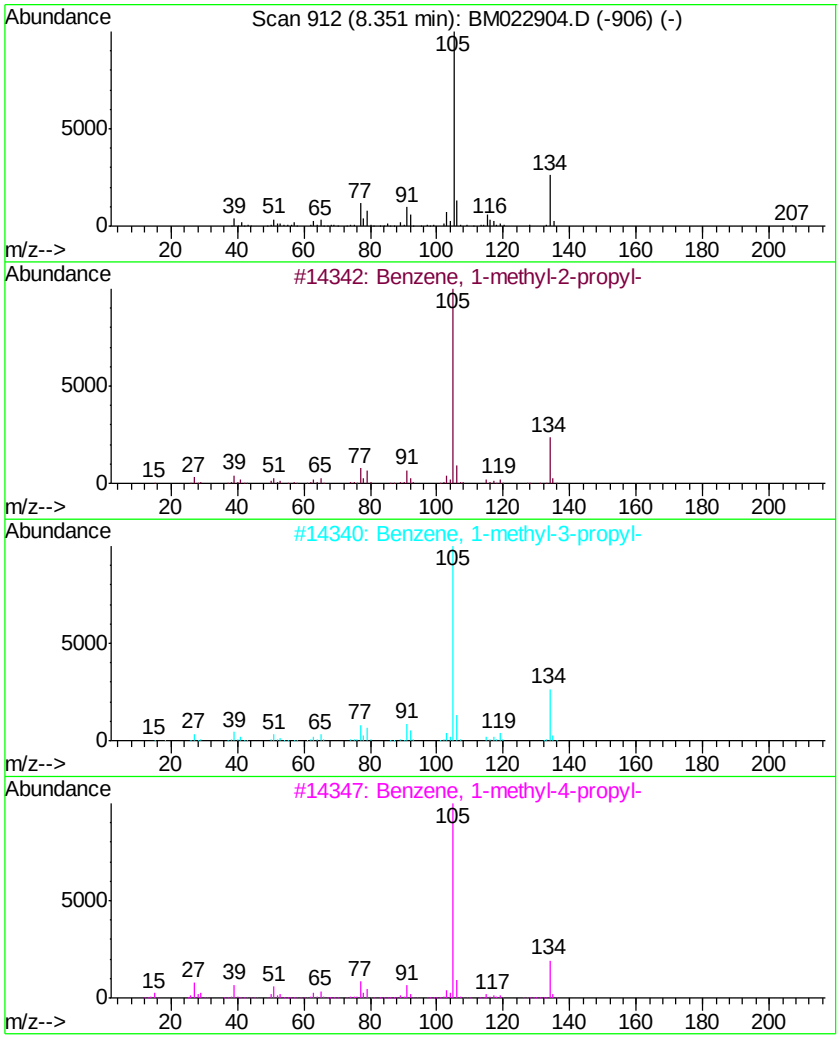
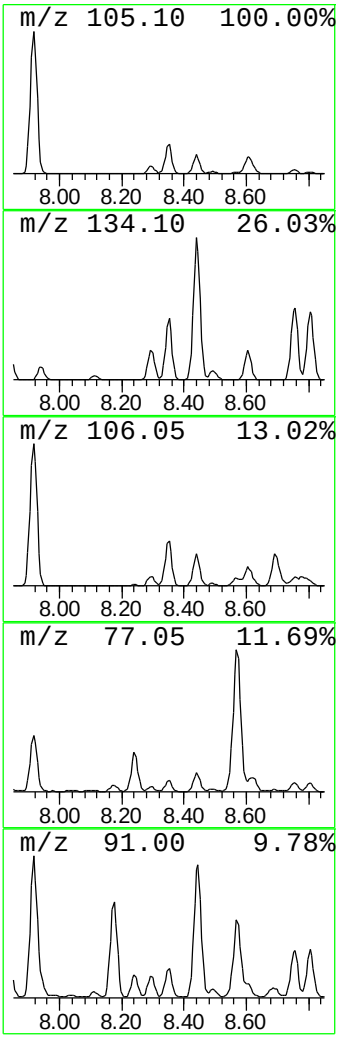
Peak Number 20 Benzene, 1-methyl-2-propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	5.27 ng/ul	454169	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81





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ClientSampleId : BFDH3

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Quant Title : SVOA CALIBRATION

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

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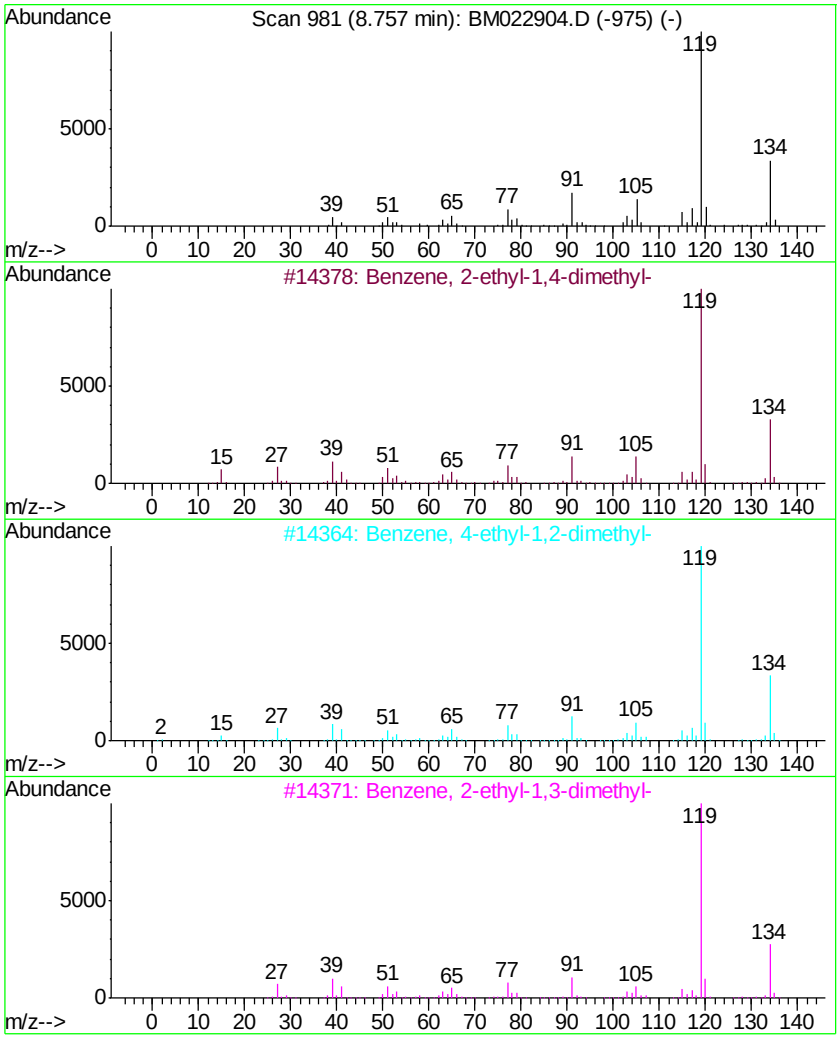
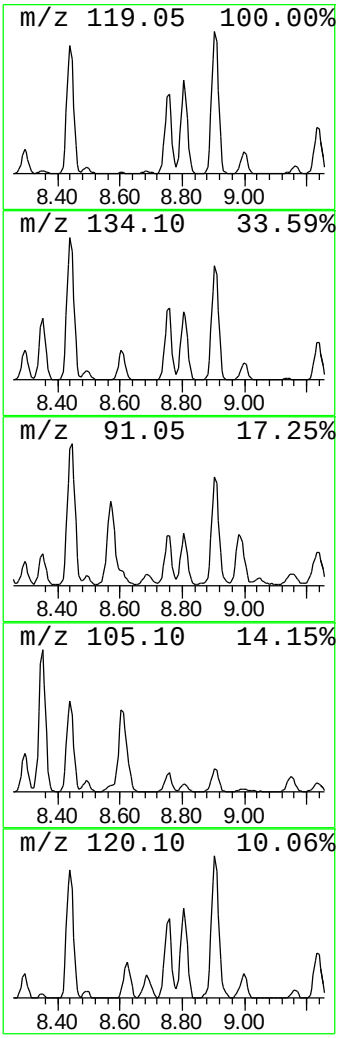
Peak Number 22 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	4.46 ng/ul	384399	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





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Sample : K4895-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH3

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Quant Title : SVOA CALIBRATION

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

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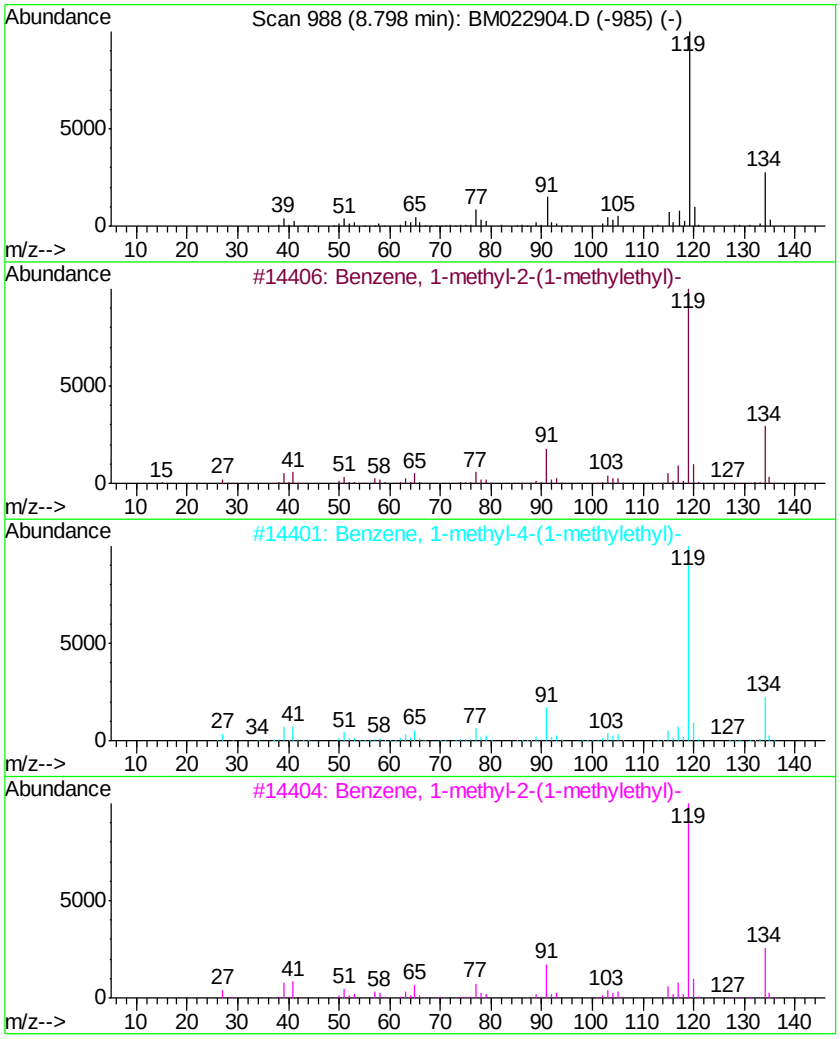
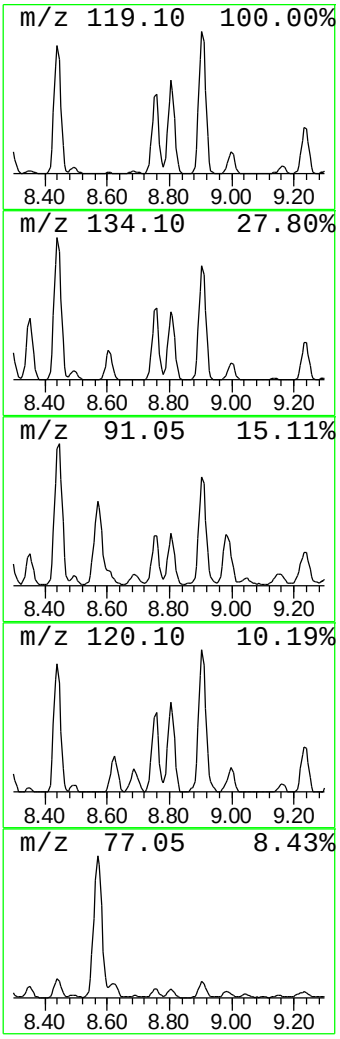
Peak Number 23 Benzene, 1-methyl-2-(1-meth... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	4.82 ng/ul	415764	1,4-Dichlorobenzene-d4	7.80

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





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Quant Title : SVOA CALIBRATION

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

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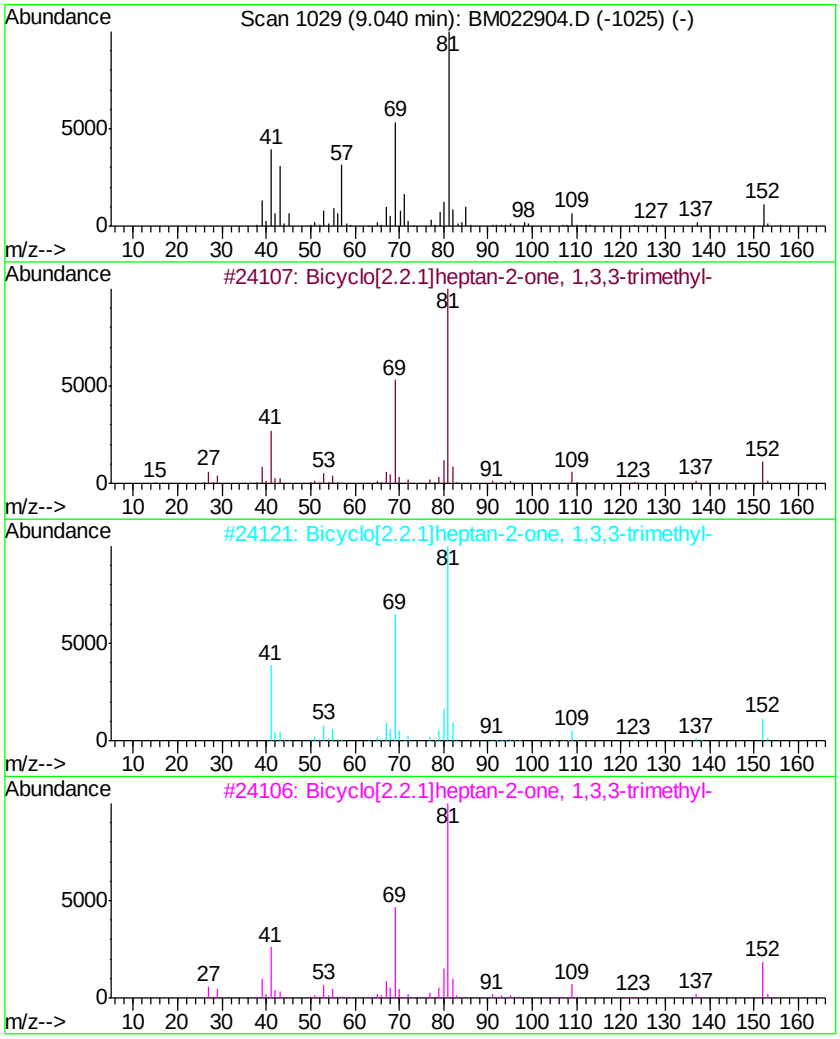
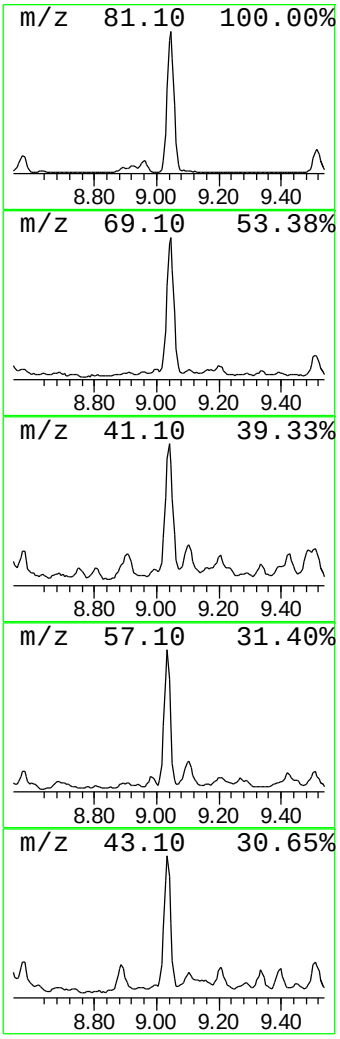
Peak Number 24 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	7.31 ng/ul	630118	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	93
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	93
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	87
4	L-Fenchone	152	C10H16O	000126-21-6	87
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	87





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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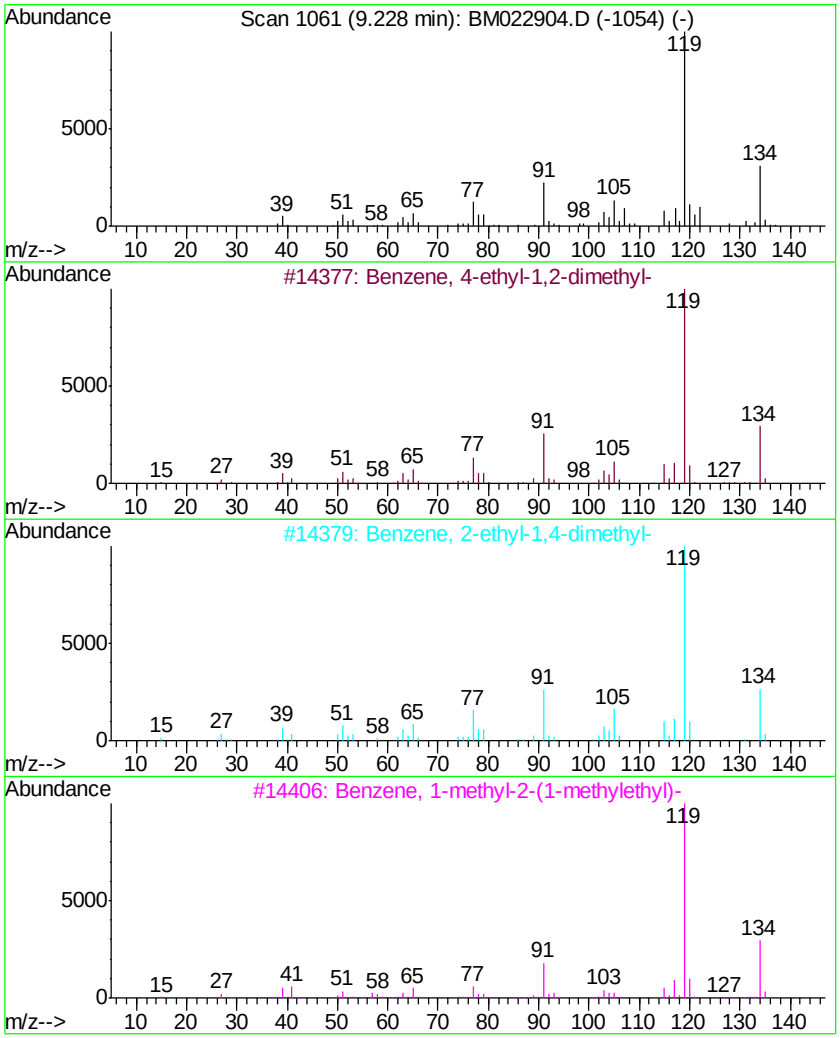
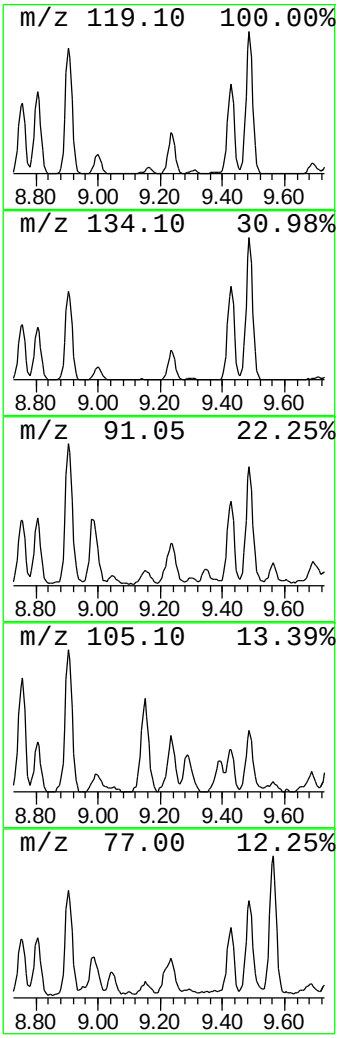
Peak Number 25 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	2.33 ng/ul	351630	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94





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Sample : K4895-16
Misc :
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Instrument : BNA_M
ClientSampleId : BFDH3

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Quant Title : SVOA CALIBRATION

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

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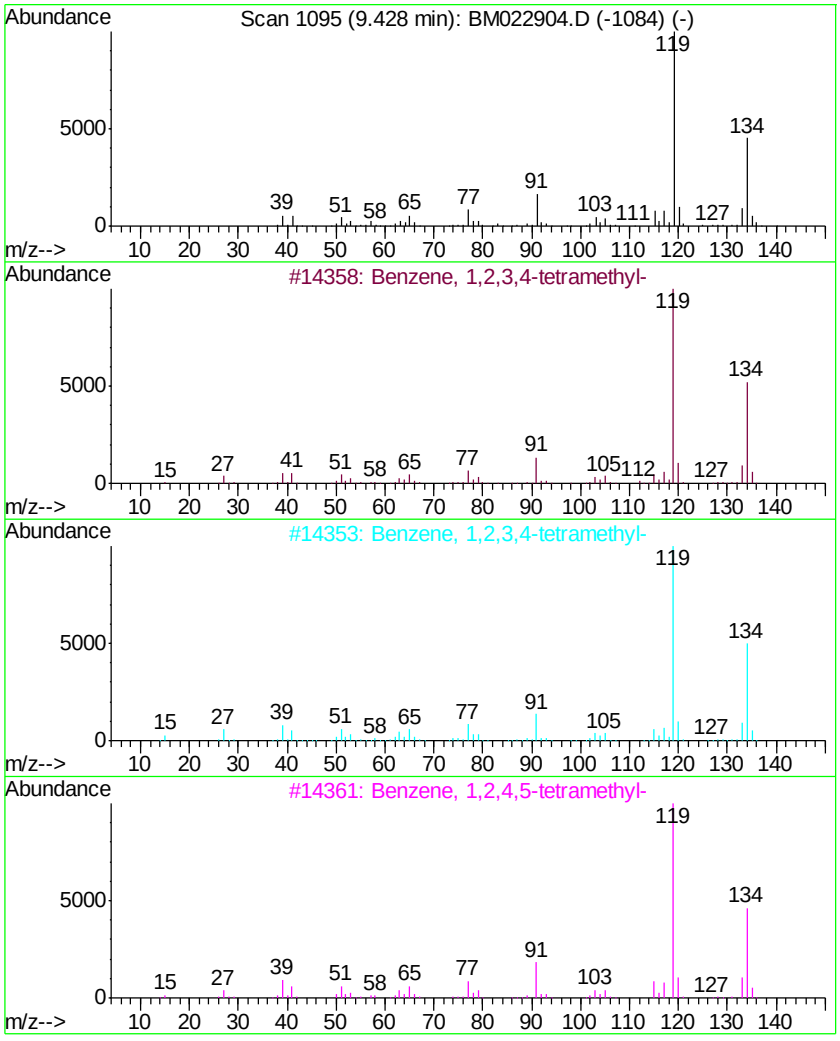
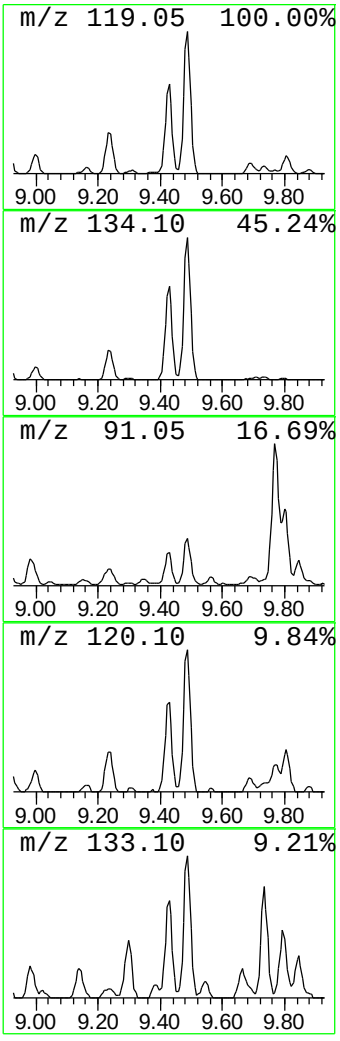
Peak Number 26 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	3.89 ng/ul	587490	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





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ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH3

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Quant Title : SVOA CALIBRATION

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

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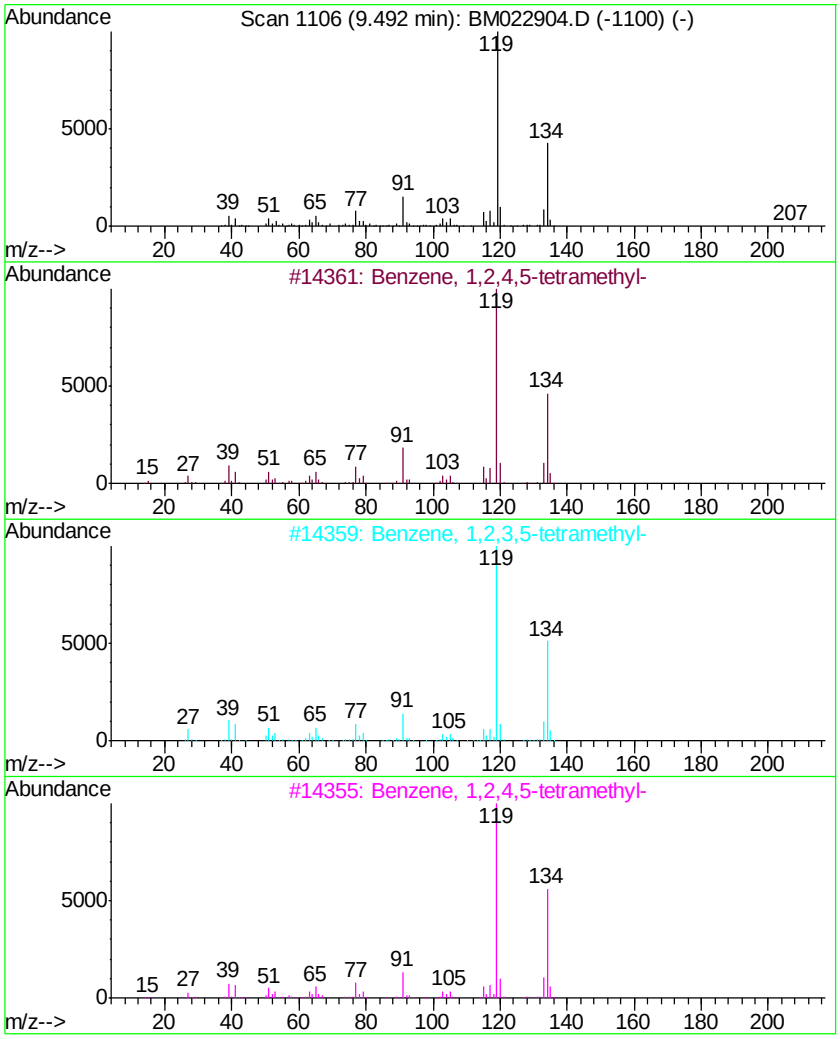
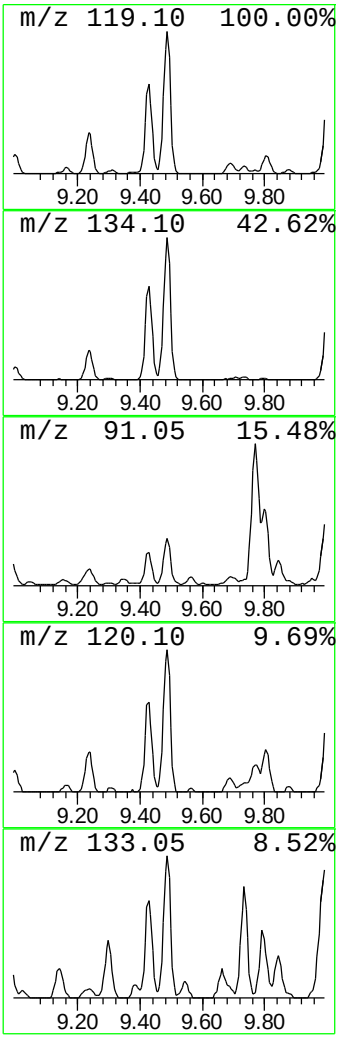
Peak Number 27 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	6.11 ng/ul	923520	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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Quant Title : SVOA CALIBRATION

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

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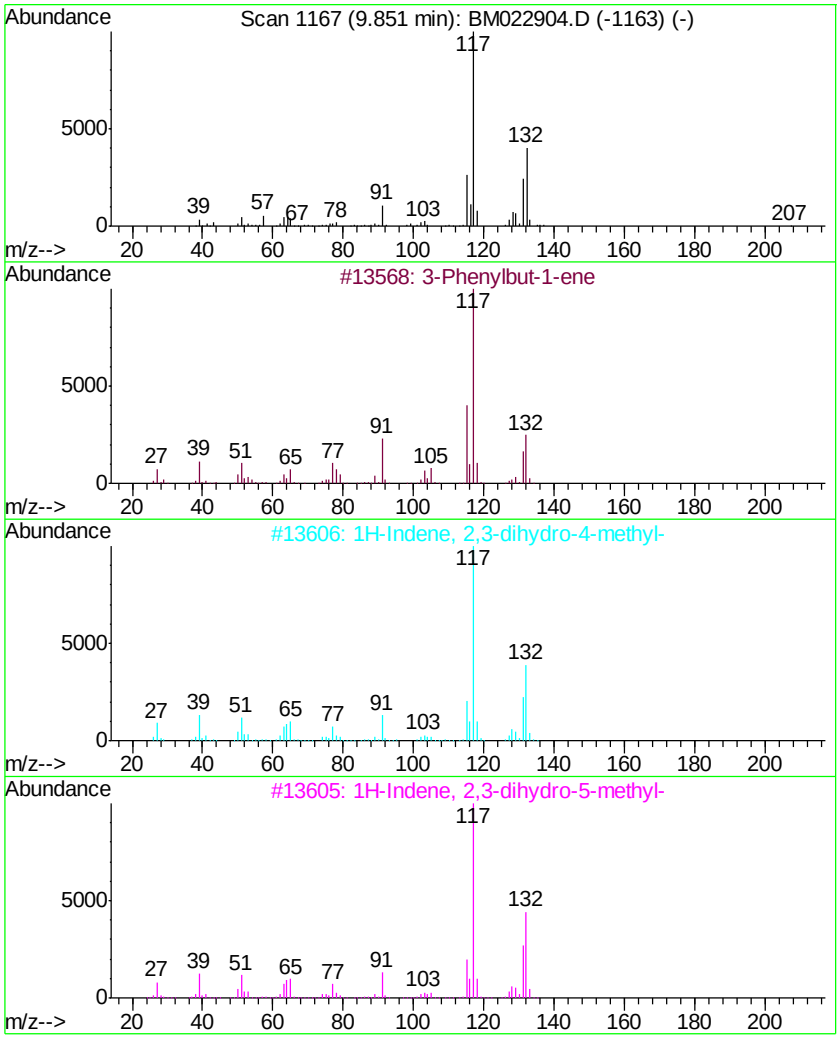
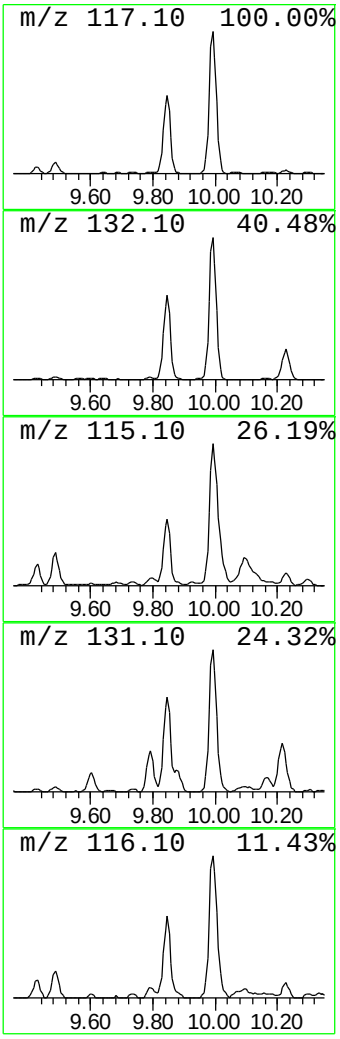
Peak Number 28 3-Phenylbut-1-ene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	4.04 ng/ul	610338	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83





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Quant Title : SVOA CALIBRATION

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

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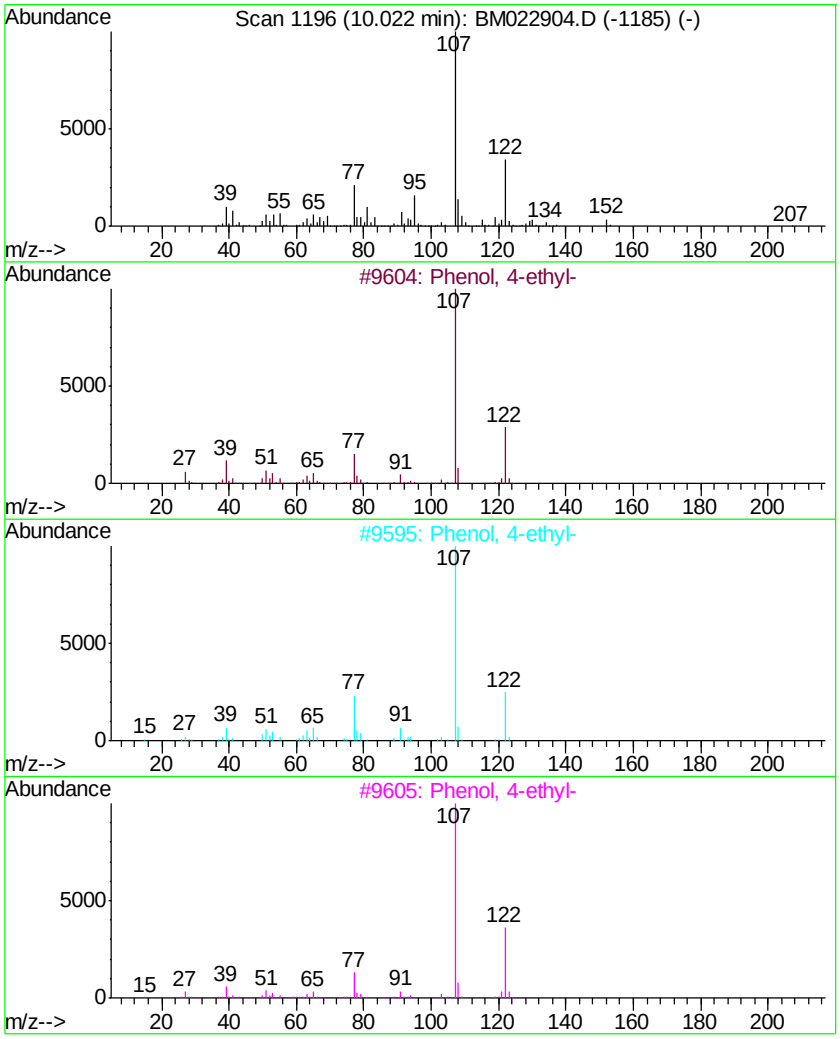
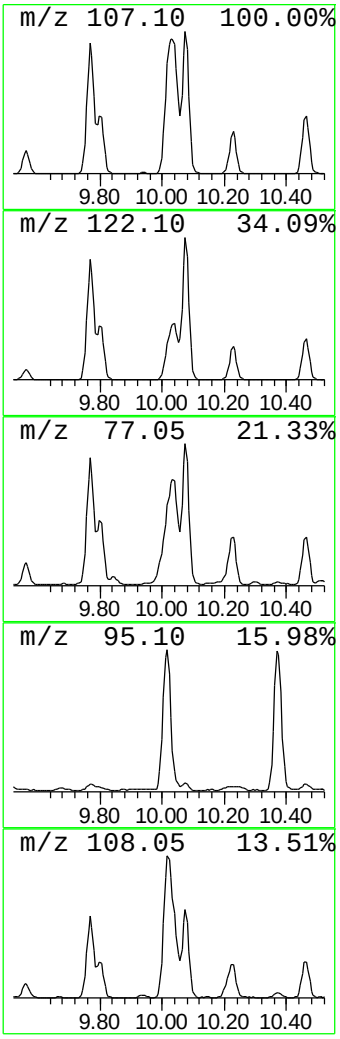
Peak Number 29 Phenol, 4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	34.39 ng/ul	5194290	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	93
2	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	92
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	70
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	62
5	1,3-Cyclopentadiene, 5,5-dimethy...	122	C9H14	1000162-25-6	58





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Quant Title : SVOA CALIBRATION

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

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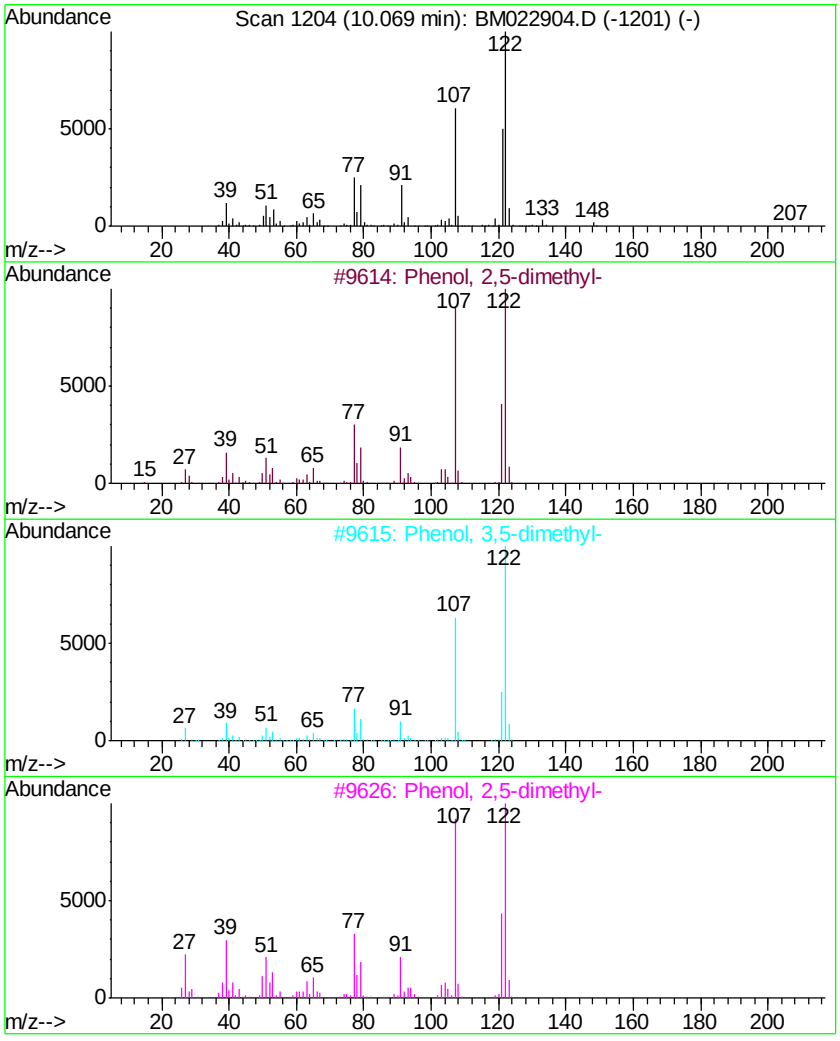
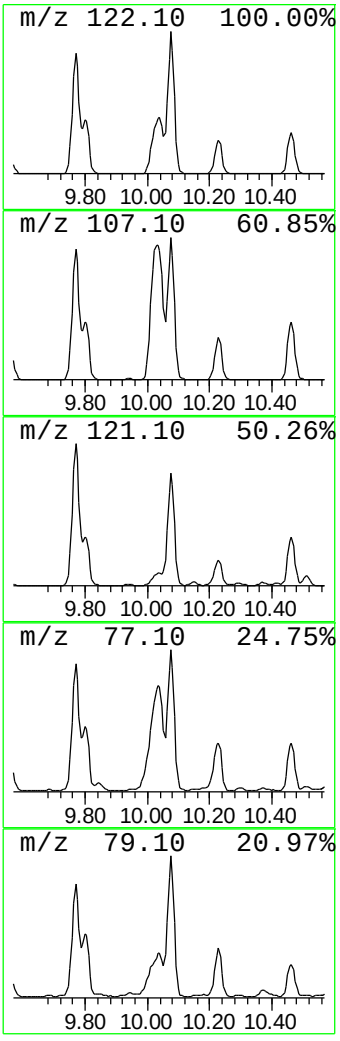
Peak Number 30 Phenol, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	21.70 ng/ul	3278180	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	87
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87
5	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022904.D
Acq On : 02 Oct 2019 22:01
Operator : JU
Sample : K4895-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

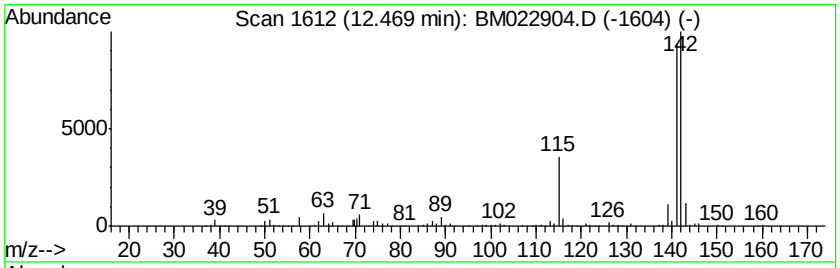
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

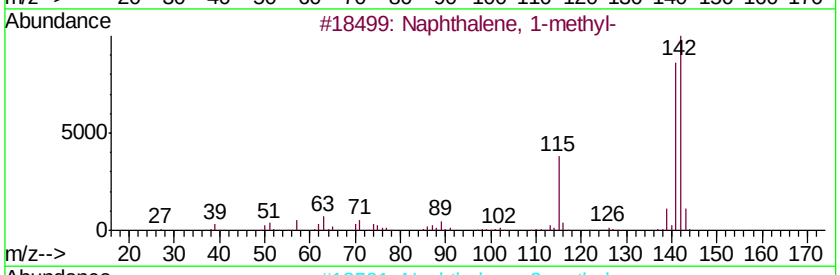
****

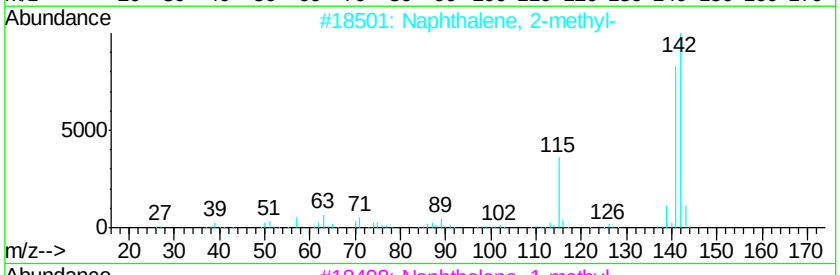
Peak Number 39 Naphthalene, 1-methyl- Concentration Rank 15

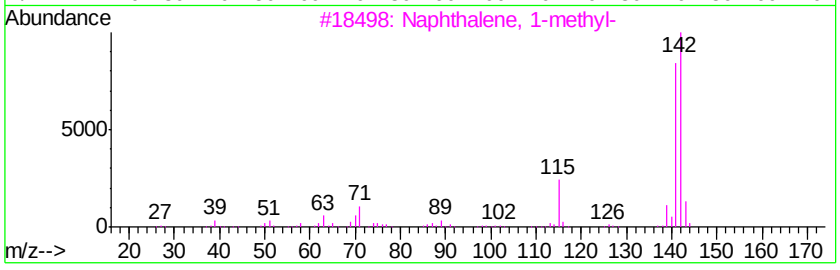
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	10.86 ng/ul	1640080	Naphthalene-d8	10.59

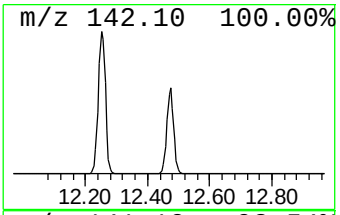
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91

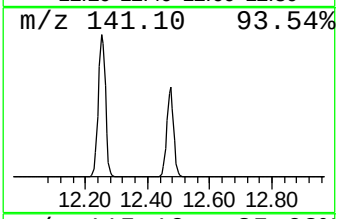


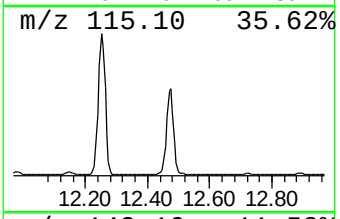


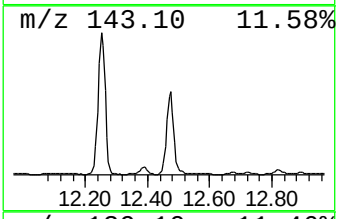


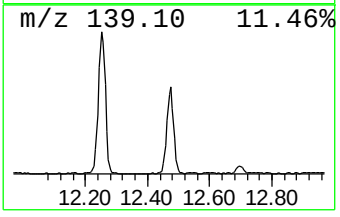












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022904.D
Acq On : 02 Oct 2019 22:01
Operator : JU
Sample : K4895-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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
Methyl Isobutyl K...	3.61	13.6	ng/ul	1169760	1	7.80	1724080	20.0
Propanoic acid, 1...	3.73	4.2	ng/ul	359727	1	7.80	1724080	20.0
2-Hexanol	3.83	9.5	ng/ul	820477	1	7.80	1724080	20.0
Toluene	4.00	28.9	ng/ul	2490220	1	7.80	1724080	20.0
Propanoic acid, 2...	4.27	9.1	ng/ul	781326	1	7.80	1724080	20.0
Propanoic acid, p...	4.45	11.7	ng/ul	1010570	1	7.80	1724080	20.0
Butanoic acid, 1-...	4.90	15.6	ng/ul	1348260	1	7.80	1724080	20.0
Ethylbenzene	5.32	11.5	ng/ul	994292	1	7.80	1724080	20.0
p-Xylene	5.45	47.8	ng/ul	4121780	1	7.80	1724080	20.0
Butanoic acid, pr...	5.76	2.9	ng/ul	251082	1	7.80	1724080	20.0
o-Xylene	5.82	33.4	ng/ul	2875240	1	7.80	1724080	20.0
Benzene, propyl-	6.79	5.4	ng/ul	464630	1	7.80	1724080	20.0
Benzene, 1-ethyl-...	6.89	19.3	ng/ul	1662840	1	7.80	1724080	20.0
Benzene, 1-ethyl-...	7.19	11.1	ng/ul	953224	1	7.80	1724080	20.0
2-Heptanone, 6-me...	7.26	3.2	ng/ul	275541	1	7.80	1724080	20.0
Benzene, 1,2,3-tr...	7.45	54.2	ng/ul	4671970	1	7.80	1724080	20.0
1-Hexanol, 2-ethyl-	7.87	10.7	ng/ul	922371	1	7.80	1724080	20.0
Indane	8.17	12.3	ng/ul	1061570	1	7.80	1724080	20.0
Benzene, 1-methyl...	8.35	5.3	ng/ul	454169	1	7.80	1724080	20.0
Benzene, 2-ethyl-...	8.76	4.5	ng/ul	384399	1	7.80	1724080	20.0
Benzene, 1-methyl...	8.80	4.8	ng/ul	415764	1	7.80	1724080	20.0
Bicyclo[2.2.1]hep...	9.04	7.3	ng/ul	630118	1	7.80	1724080	20.0
Benzene, 4-ethyl-...	9.23	2.3	ng/ul	351630	2	10.59	3021230	20.0
Benzene, 1,2,3,4-...	9.43	3.9	ng/ul	587490	2	10.59	3021230	20.0
Benzene, 1,2,4,5-...	9.49	6.1	ng/ul	923520	2	10.59	3021230	20.0
3-Phenylbut-1-ene	9.85	4.0	ng/ul	610338	2	10.59	3021230	20.0
Phenol, 4-ethyl-	10.02	34.4	ng/ul	5194290	2	10.59	3021230	20.0
Phenol, 2,5-dimet...	10.07	21.7	ng/ul	3278180	2	10.59	3021230	20.0
Naphthalene, 1-me...	12.47	10.9	ng/ul	1640080	2	10.59	3021230	20.0