LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022923.D
Acq On : 03 Oct 2019 16:48
Operator : JU
Sample : K4932-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG7

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	3.299	49	53	67	rVV	1790944	2168572	34.29%	1.815%
2	3.604	101	105	112	rVV	373746	448381	7.09%	0.375%
3	3.728	121	126	131	rBV	194394	246761	3.90%	0.207%
4	3.828	138	143	149	rBV	222863	298833	4.73%	0.250%
5	3.999	163	172	185	rVB	1679390	2371177	37.50%	1.985%
6	4.263	212	217	225	rVV	335294	439861	6.96%	0.368%
7	4.440	242	247	255	rBV	540150	702492	11.11%	0.588%
8	4.893	317	324	336	rVV	552219	798369	12.62%	0.668%
9	5.316	390	396	404	rVB	519787	737557	11.66%	0.617%
10	5.446	412	418	429	rVV	1423680	2731863	43.20%	2.287%
11	5.816	475	481	487	rBV	1202115	1723385	27.25%	1.443%
12	6.787	638	646	650	rBV2	208620	386802	6.12%	0.324%
13	6.893	658	664	669	rBV	559828	806812	12.76%	0.675%
14	6.957	669	675	683	rVV4	495272	1216932	19.24%	1.019%
15	7.028	683	687	692	rVB	365573	545900	8.63%	0.457%
16	7.128	698	704	710	rBV	776169	1216539	19.24%	1.018%
17	7.192	710	715	721	rVV	304810	492885	7.79%	0.413%
18	7.328	732	738	748	rVV	966836	1566930	24.78%	1.312%
19	7.451	751	759	766	rVV	1337552	2130599	33.69%	1.784%
20	7.792	809	817	823	rBV	904089	1494327	23.63%	1.251%
21	7.910	832	837	846	rVB	555543	913966	14.45%	0.765%
22	8.169	873	881	887	rVV2	322937	721401	11.41%	0.604%
23	8.239	887	893	898	rVV	561292	872953	13.80%	0.731%
24	8.345	905	911	915	rVV2	110476	222147	3.51%	0.186%
25	8.398	915	920	922	rVV	126453	218001	3.45%	0.182%
26	8.434	922	926	931	rVV	217487	387523	6.13%	0.324%
27	8.504	931	938	942	rVV	901092	1526631	24.14%	1.278%
28	8.563	942	948	963	rVB	1673674	3302622	52.23%	2.765%
29	8.687	963	969	975	rBV3	69318	140163	2.22%	0.117%
30	8.751	975	980	984	rVV	113152	171602	2.71%	0.144%
31	8.804	984	989	995	rVB	109260	172381	2.73%	0.144%
32	8.904	995	1006	1009	rBV	226270	448991	7.10%	0.376%
33	8.951	1009	1014	1025	rVV	962637	1852376	29.29%	1.551%
34	9.039	1025	1029	1033	rVV2	77659	123562	1.95%	0.103%

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Operator : JU
Sample : K4932-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG7

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	9.210	1052	1058	1070	rVB3	260062	577261	9.13%	0.483%
36	9.339	1075	1080	1086	rVV4	90552	159068	2.52%	0.133%
37	9.422	1086	1094	1099	rVB2	155890	326744	5.17%	0.274%
38	9.481	1099	1104	1113	rBV	200109	411968	6.51%	0.345%
39	9.557	1113	1117	1123	rBV	224026	342043	5.41%	0.286%
40	9.669	1128	1136	1143	rBV	849151	1449868	22.93%	1.214%
41	9.769	1143	1153	1156	rBV	1719791	3068808	48.53%	2.569%
42	9.798	1156	1158	1163	rVV	1113819	1359127	21.49%	1.138%
43	9.934	1175	1181	1185	rBV	161896	267475	4.23%	0.224%
44	10.034	1185	1198	1201	rVV3	901548	2954701	46.72%	2.473%
45	10.075	1201	1205	1214	rVB	1904041	2984196	47.19%	2.498%
46	10.216	1221	1229	1237	rVB2	1769605	3713675	58.73%	3.109%
47	10.292	1237	1242	1248	rVB	77568	127624	2.02%	0.107%
48	10.457	1265	1270	1275	rBV	749813	1186921	18.77%	0.994%
49	10.510	1275	1279	1284	rVB	308956	461872	7.30%	0.387%
50	10.586	1285	1292	1296	rBV	1288394	2181942	34.50%	1.827%
51	10.639	1296	1301	1308	rVB	1293082	2230736	35.28%	1.867%
52	10.722	1308	1315	1326	rVB3	569187	1255341	19.85%	1.051%
53	10.857	1334	1338	1346	rVB	87187	158695	2.51%	0.133%
54	10.939	1346	1352	1360	rBV	494481	913393	14.44%	0.765%
55	11.033	1365	1368	1376	rVB	108779	183497	2.90%	0.154%
56	11.128	1377	1384	1389	rBV	338935	612357	9.68%	0.513%
57	11.204	1389	1397	1402	rVB	172940	340528	5.38%	0.285%
58	11.416	1421	1433	1438	rBV3	547779	1120548	17.72%	0.938%
59	11.610	1461	1466	1471	rBV	242597	380465	6.02%	0.319%
60	11.663	1471	1475	1479	rBV	258421	423772	6.70%	0.355%
61	11.933	1512	1521	1525	rBV	278550	537470	8.50%	0.450%
62	12.251	1569	1575	1579	rVB	626705	926050	14.64%	0.775%
63	12.469	1604	1612	1618	rVB	477908	778015	12.30%	0.651%
64	12.633	1635	1640	1645	rBV3	83851	142158	2.25%	0.119%
65	12.722	1649	1655	1659	rVB4	71378	148427	2.35%	0.124%
66	12.833	1669	1674	1680	rBV3	82076	206479	3.27%	0.173%
67	13.139	1718	1726	1729	rBV5	62846	160895	2.54%	0.135%
68	13.227	1736	1741	1745	rVV4	76284	172395	2.73%	0.144%
69	13.280	1745	1750	1757	rVV2	331774	615081	9.73%	0.515%
70	13.345	1757	1761	1765	rVV	89002	128250	2.03%	0.107%
71	13.486	1782	1785	1792	rVB5	157984	246428	3.90%	0.206%

LSC Area Percent Report

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Sample : K4932-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG7

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

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Peak separation: 5

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

72	13.604	1800	1805	1809	rVV3	110525	206104	3.26%	0.173%
73	13.757	1826	1831	1834	rBV2	96598	160246	2.53%	0.134%
74	13.845	1840	1846	1850	rVV	2299707	3165844	50.06%	2.650%
75	13.886	1850	1853	1865	rVB	1260980	1830675	28.95%	1.533%
76	13.986	1866	1870	1874	rBV2	78687	126711	2.00%	0.106%
77	14.121	1887	1893	1903	rVB	2796884	4404802	69.65%	3.687%
78	14.204	1903	1907	1911	rVB	95695	121539	1.92%	0.102%
79	14.316	1923	1926	1929	rBV	106943	146504	2.32%	0.123%
80	14.433	1937	1946	1955	rBV	2055296	3300784	52.20%	2.763%
81	14.639	1977	1981	1987	rVB2	313545	488395	7.72%	0.409%
82	14.780	2002	2005	2008	rVB3	107640	131208	2.07%	0.110%
83	14.945	2030	2033	2038	rVB4	100051	137494	2.17%	0.115%
84	15.157	2066	2069	2073	rVB2	115082	151671	2.40%	0.127%
85	15.204	2073	2077	2081	rBV	149898	220495	3.49%	0.185%
86	15.321	2094	2097	2101	rVB2	173009	217616	3.44%	0.182%
87	15.427	2108	2115	2120	rBV	3707359	5309605	83.96%	4.445%
88	15.539	2128	2134	2141	rVB	1073372	1541526	24.38%	1.290%
89	15.751	2166	2170	2175	rBV	154829	240889	3.81%	0.202%
90	16.421	2280	2284	2289	rBV	284521	401518	6.35%	0.336%
91	17.168	2406	2411	2416	rBV2	2298242	3289737	52.02%	2.754%
92	17.268	2423	2428	2438	rVB2	4089331	5846650	92.46%	4.894%
93	17.539	2470	2474	2478	rBV2	181888	264041	4.18%	0.221%
94	18.074	2560	2565	2572	rBV	1504761	1918908	30.34%	1.606%
95	19.351	2778	2782	2793	rBV	850857	1155084	18.27%	0.967%
96	19.562	2813	2818	2824	rBV	4629701	6323761	100.00%	5.294%
97	21.062	3070	3073	3080	rVB	685439	778024	12.30%	0.651%
98	21.350	3117	3122	3127	rBV	2372824	2917664	46.14%	2.442%
99	23.468	3475	3482	3497	rVB	2525826	5100126	80.65%	4.270%
100	23.609	3500	3506	3515	rVB	1442220	2703136	42.75%	2.263%

Sum of corrected areas: 119454326

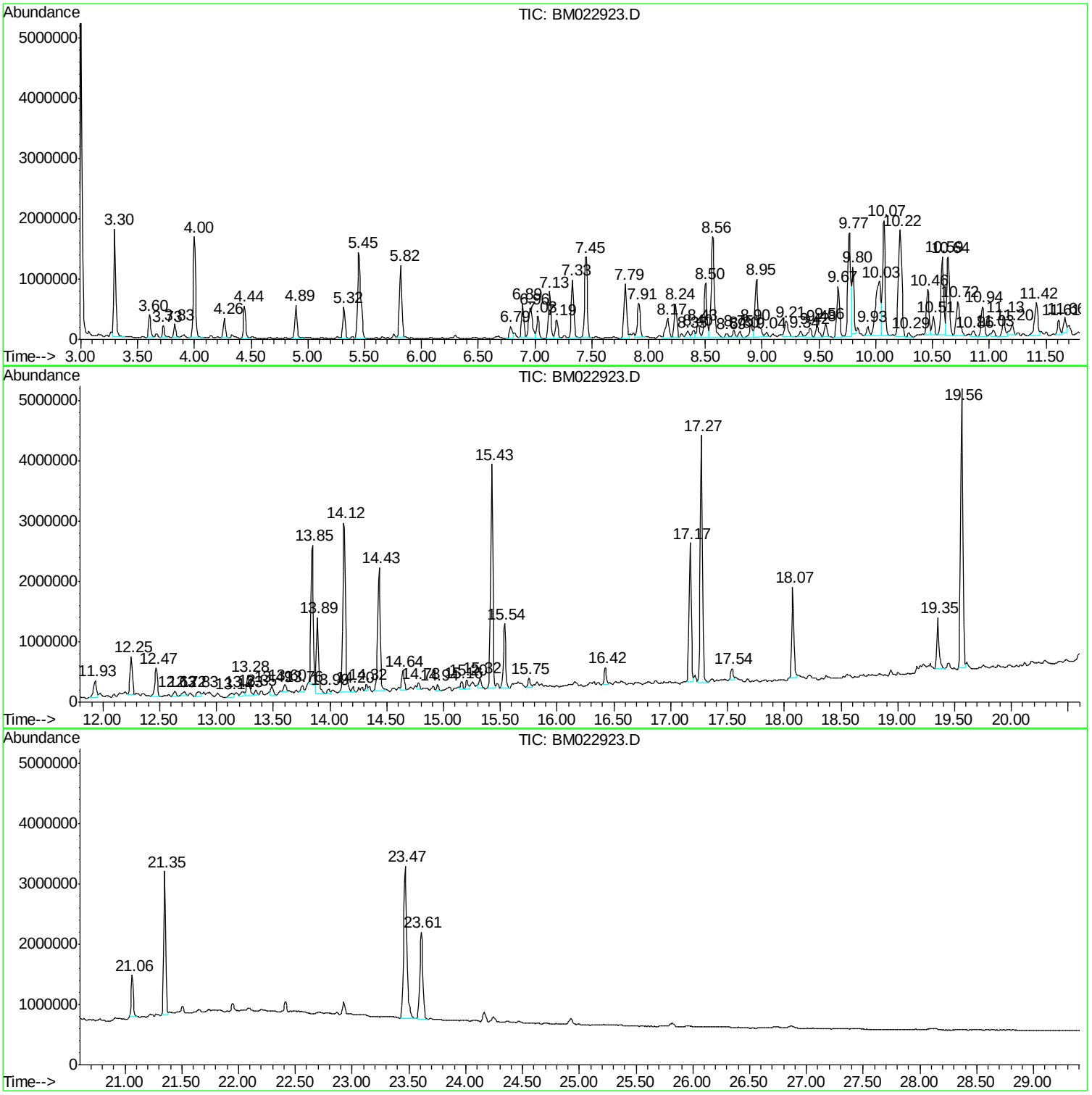
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022923.D
Acq On : 03 Oct 2019 16:48
Operator : JU
Sample : K4932-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG7

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

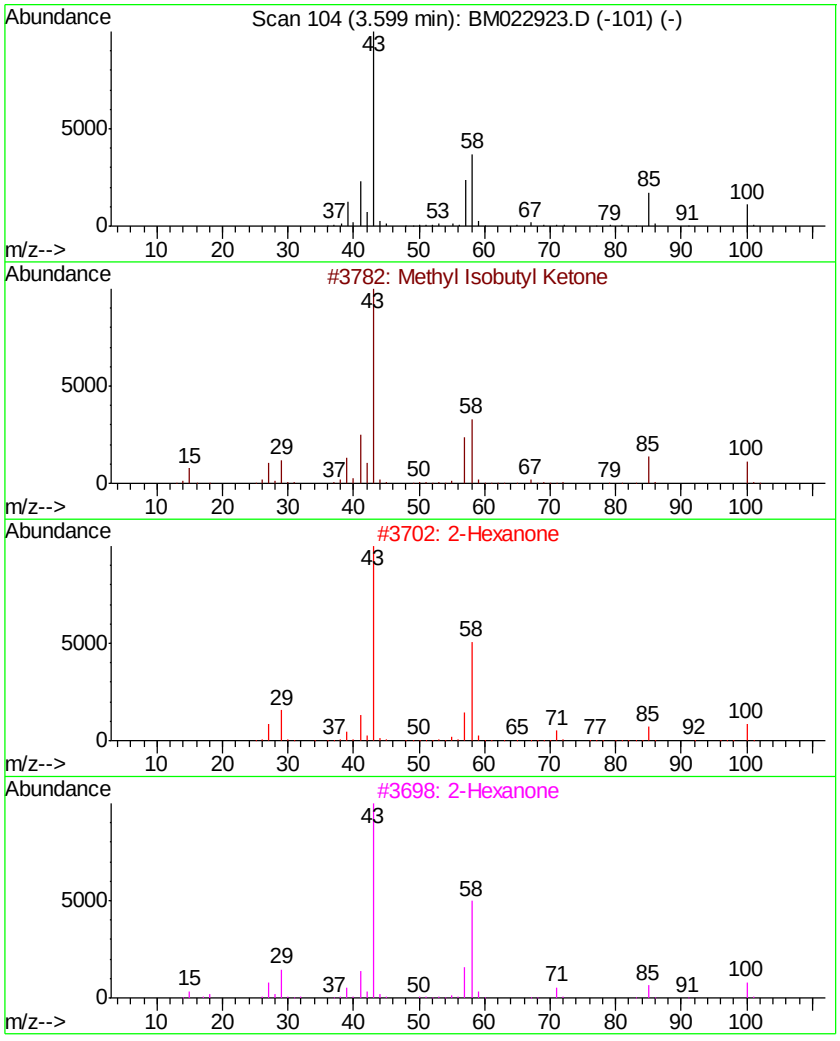
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

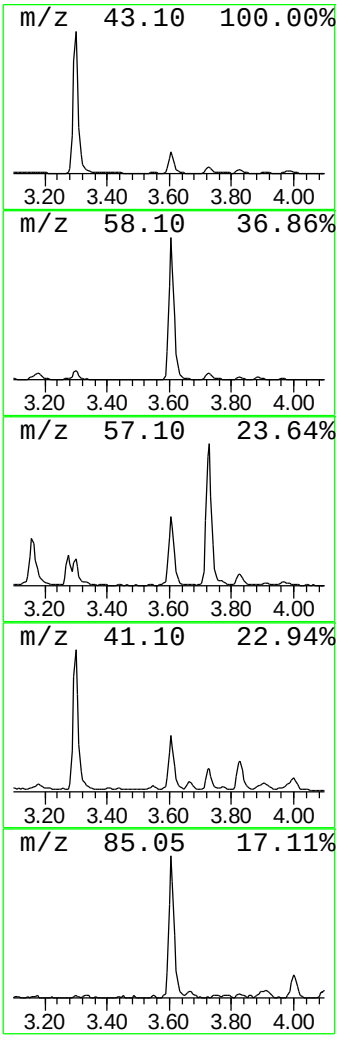
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	6.00 ng/ul	448381	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	80
2	2-Hexanone	100	C6H12O	000591-78-6	78
3	2-Hexanone	100	C6H12O	000591-78-6	78
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72
5	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	64





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Sample : K4932-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG7

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

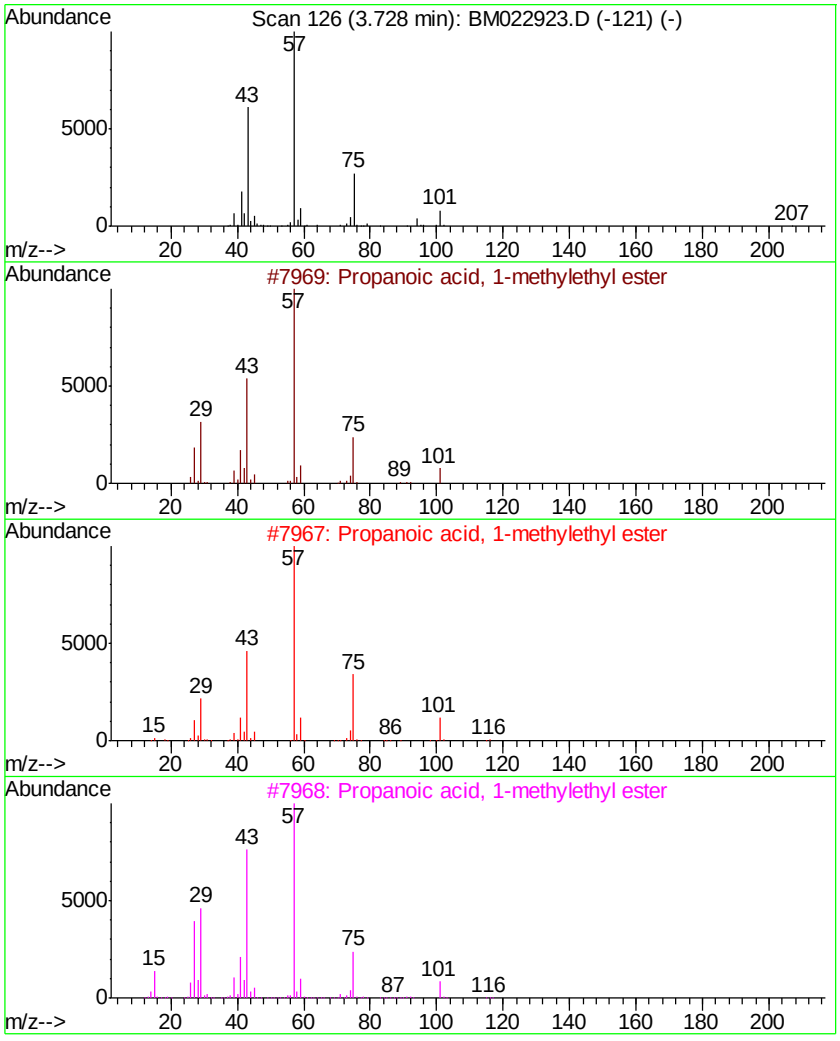
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

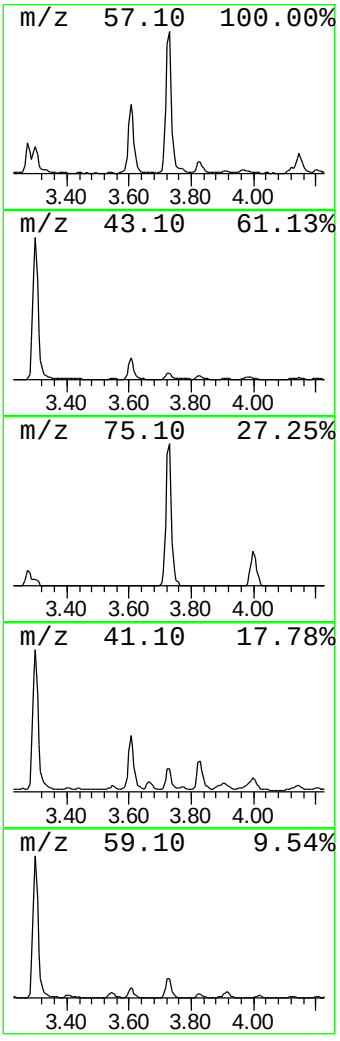
****

Peak Number 2 Propanoic acid, 1-methyleth... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	3.30 ng/ul	246761	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	56
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	50
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	33





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG7

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

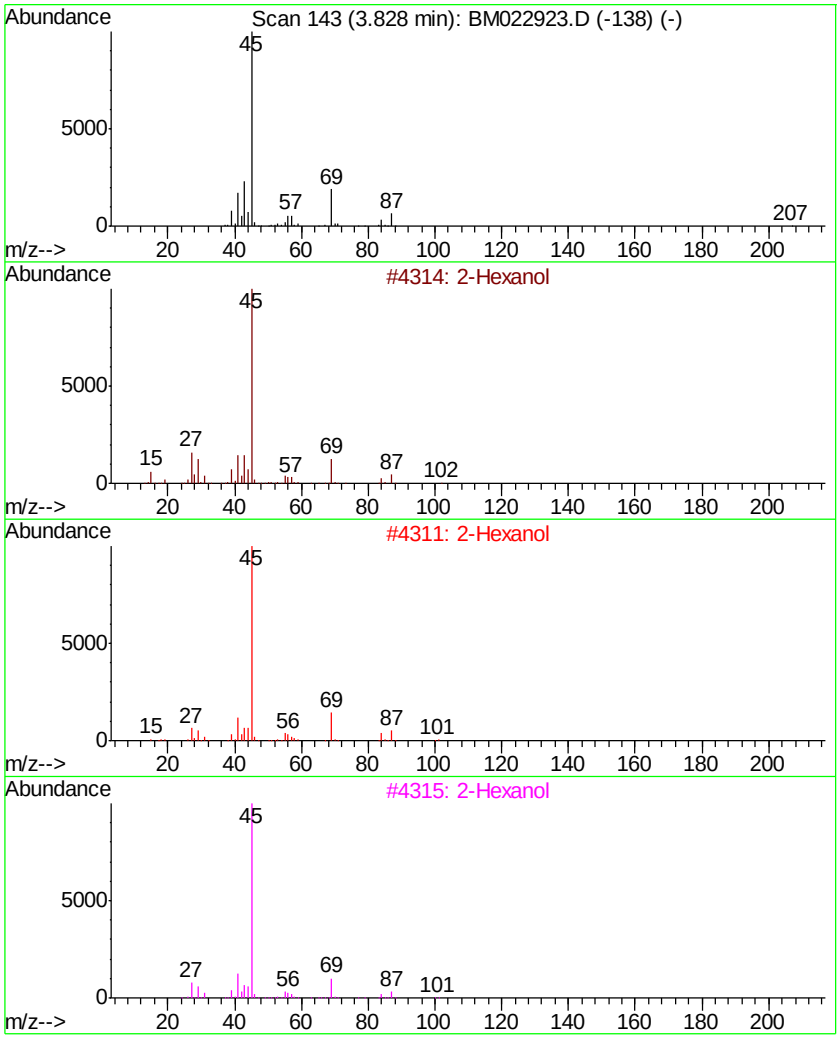
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

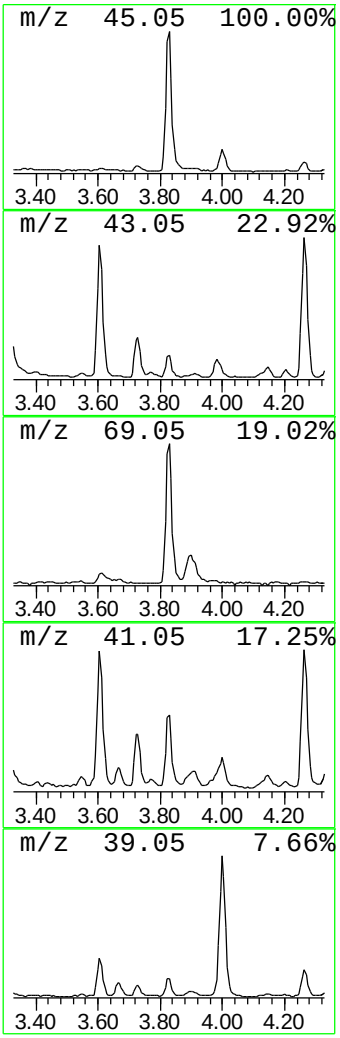
****

Peak Number 3 2-Hexanol Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	4.00 ng/ul	298833	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Hexanol	102	C6H14O	000626-93-7	78
3	2-Hexanol	102	C6H14O	000626-93-7	64
4	2-Hexanol, (S)-	102	C6H14O	052019-78-0	43
5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	43





Library Search Compound Report

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Data File : BM022923.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG7

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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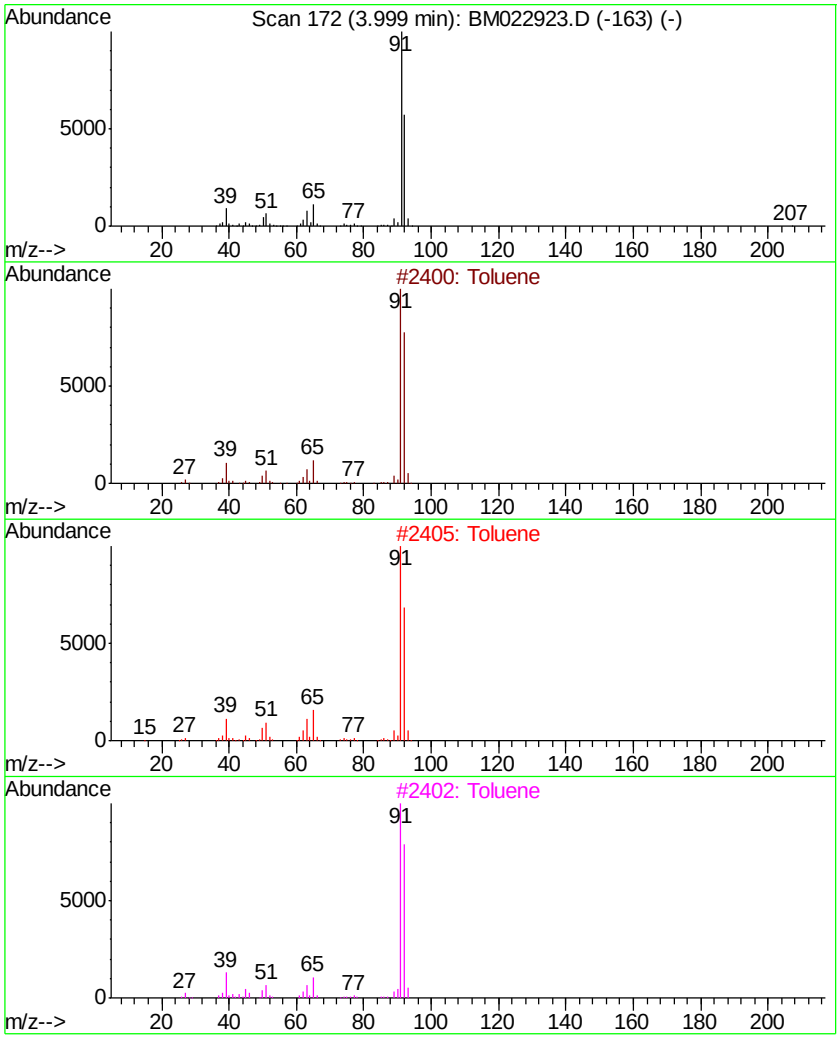
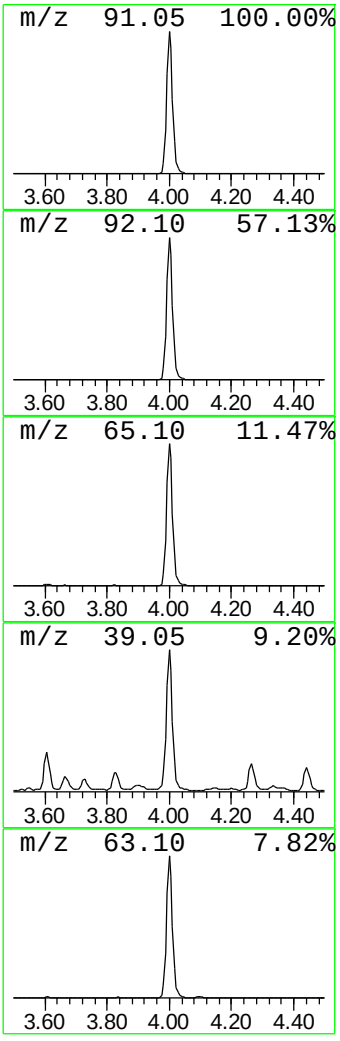
Peak Number 4 Toluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	31.74 ng/ul	2371180	1,4-Dichlorobenzene-d4	7.79

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	Toluene	92	C7H8	000108-88-3	87





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Data File : BM022923.D
Acq On : 03 Oct 2019 16:48
Operator : JU
Sample : K4932-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG7

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

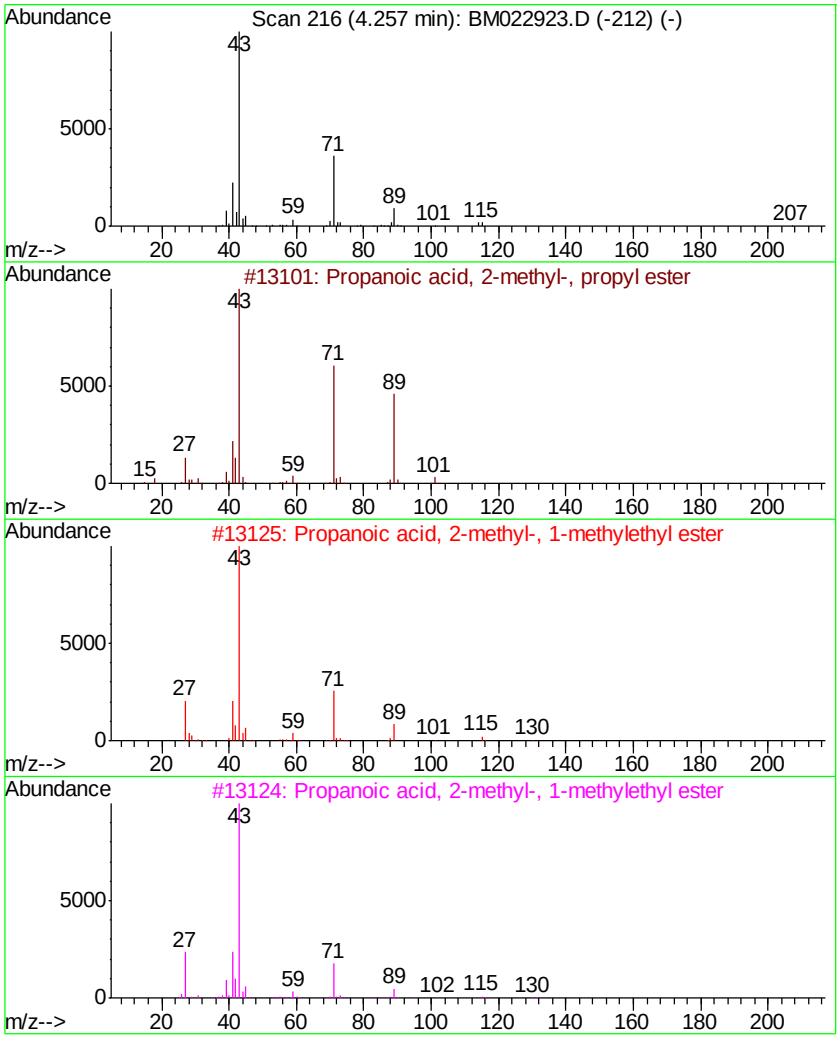
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

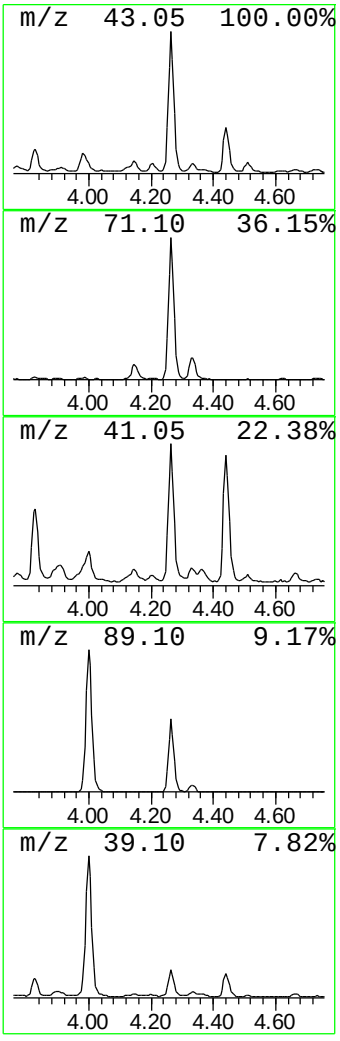
****

Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	5.89 ng/ul	439861	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39





Library Search Compound Report

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Sample : K4932-05
Misc :
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Instrument : BNA_M
ClientSampleId : BFDG7

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Quant Title : SVOA CALIBRATION

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

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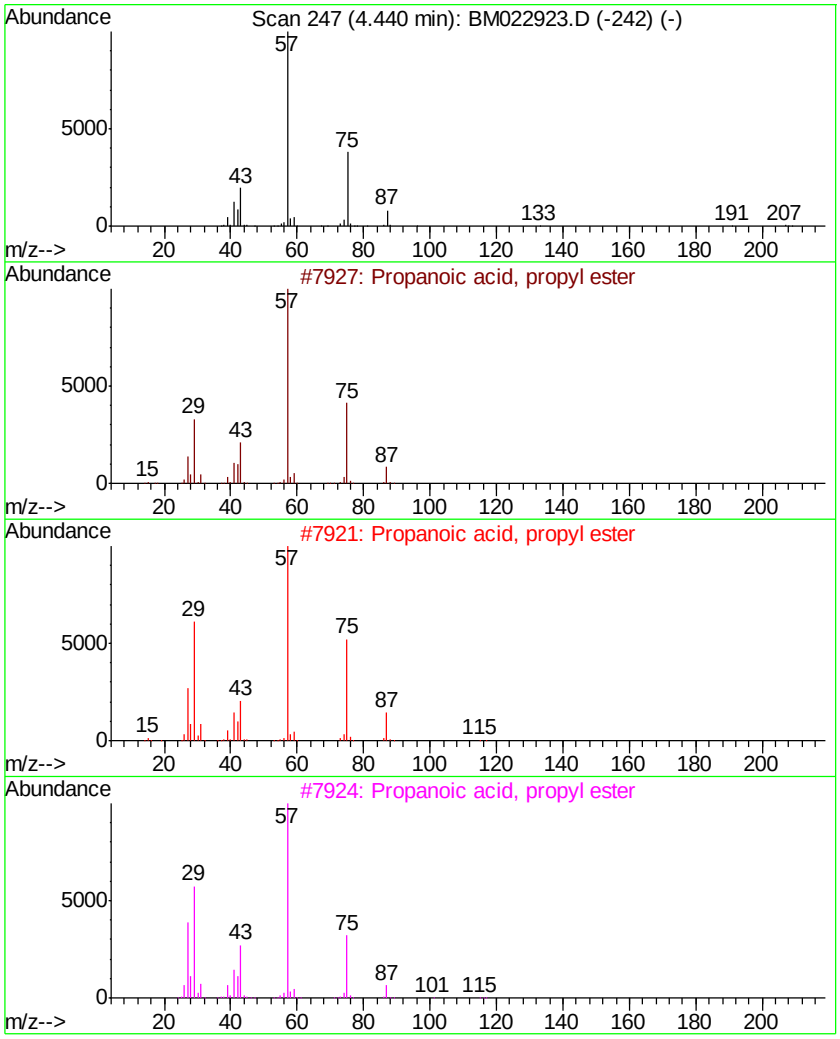
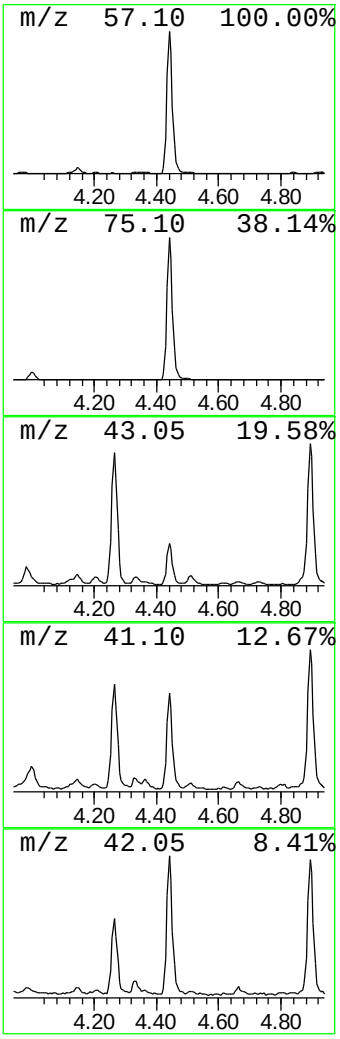
Peak Number 6 Propanoic acid, propyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	9.40 ng/ul	702492	1,4-Dichlorobenzene-d4	7.79

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	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	39





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Instrument : BNA_M
ClientSampleId : BFDG7

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Quant Title : SVOA CALIBRATION

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

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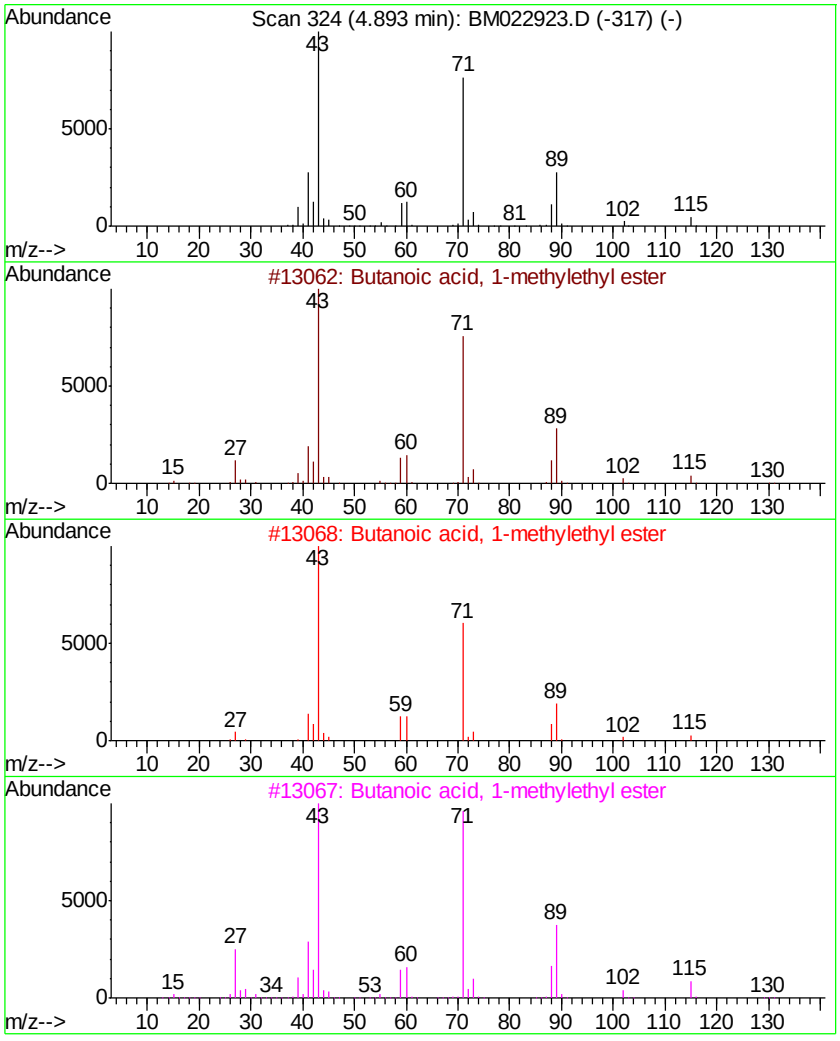
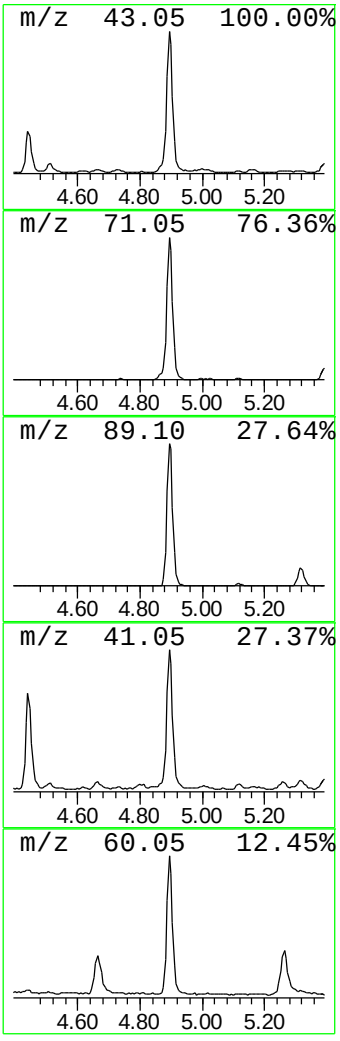
Peak Number 7 Butanoic acid, 1-methylethy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	10.69 ng/ul	798369	1,4-Dichlorobenzene-d4	7.79

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	90
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5	Butanoic acid, pentyl ester	158	C9H18O2	000540-18-1	64





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ClientSampleId : BFDG7

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Quant Title : SVOA CALIBRATION

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

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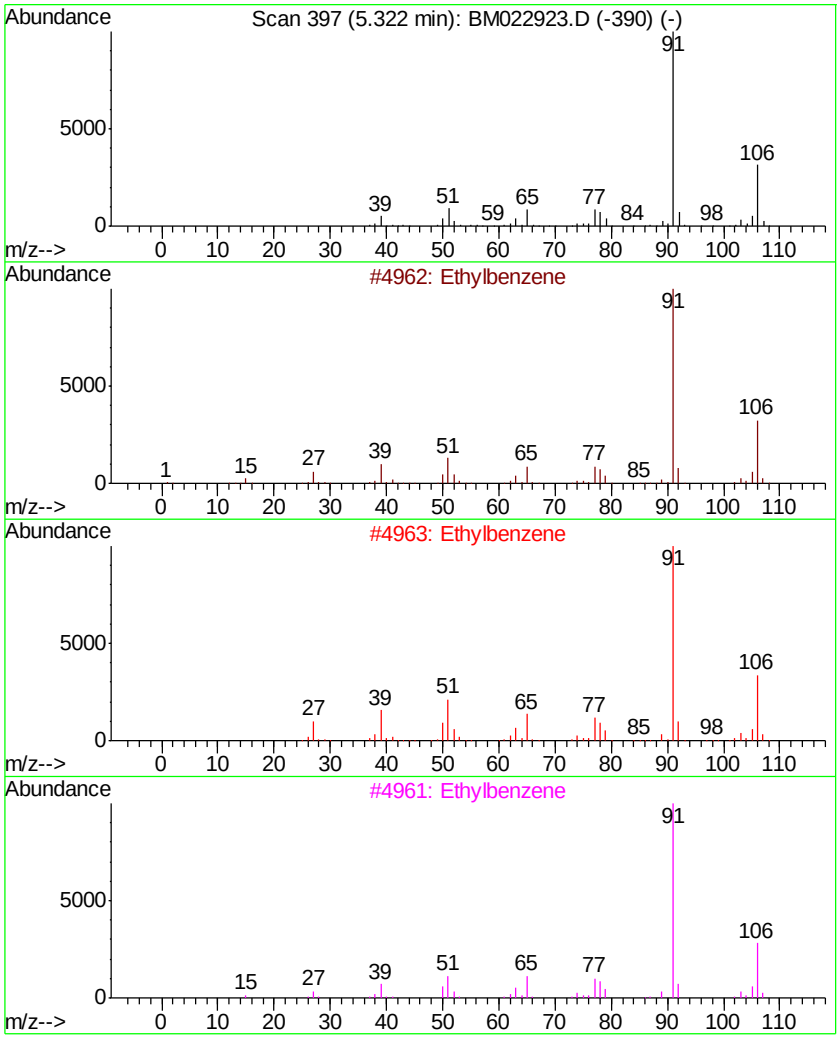
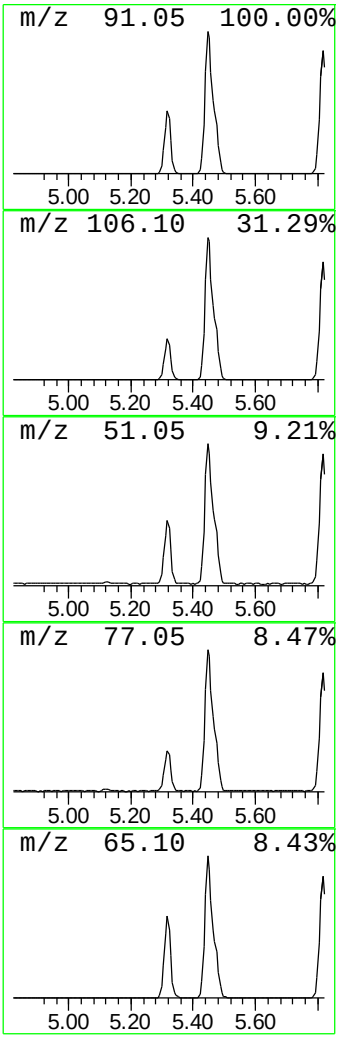
Peak Number 8 Ethylbenzene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	9.87 ng/ul	737557	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	87





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Instrument : BNA_M
ClientSampleId : BFDG7

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Quant Title : SVOA CALIBRATION

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

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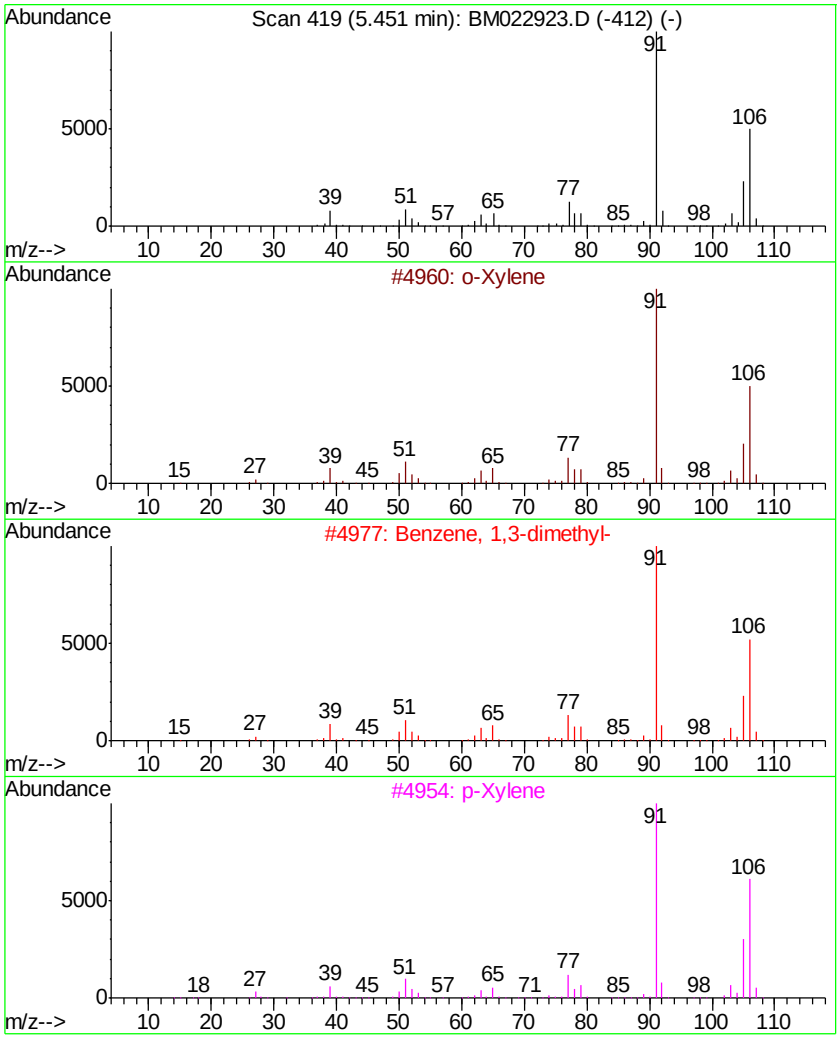
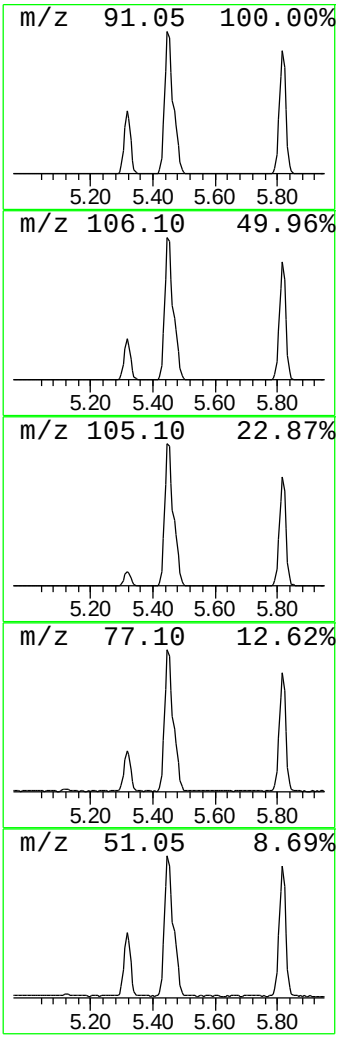
Peak Number 9 o-Xylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	36.56 ng/ul	2731860	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	p-Xylene	106	C8H10	000106-42-3	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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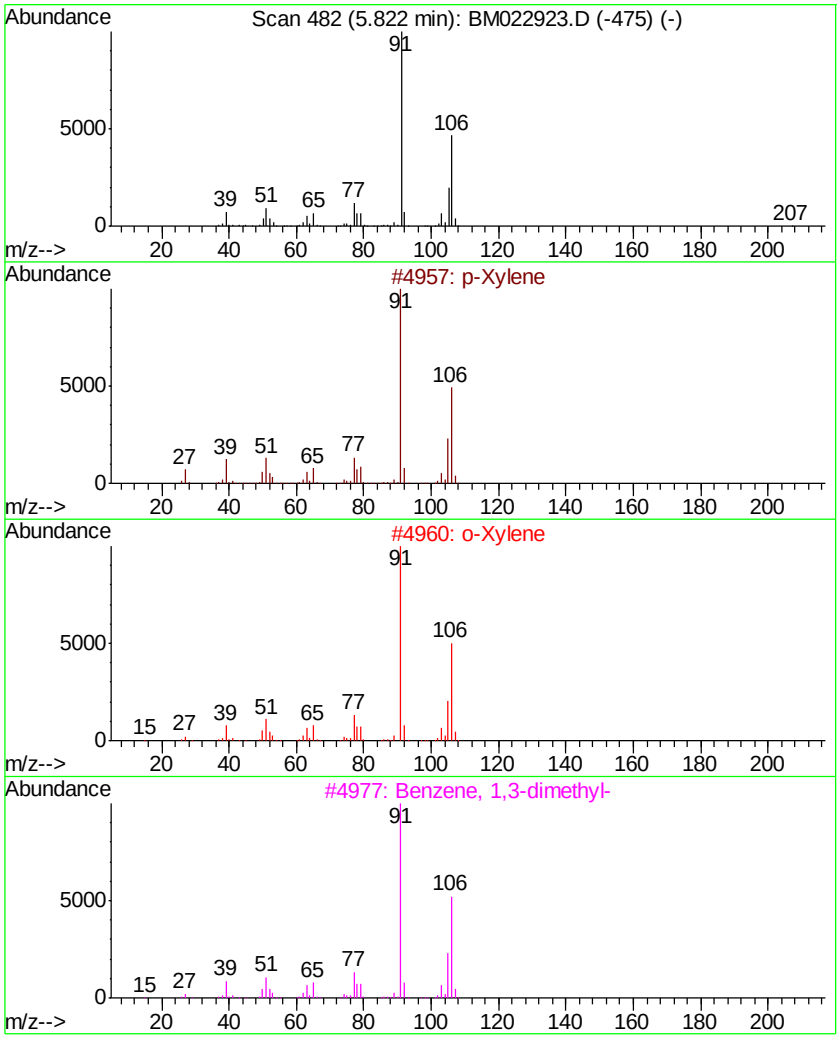
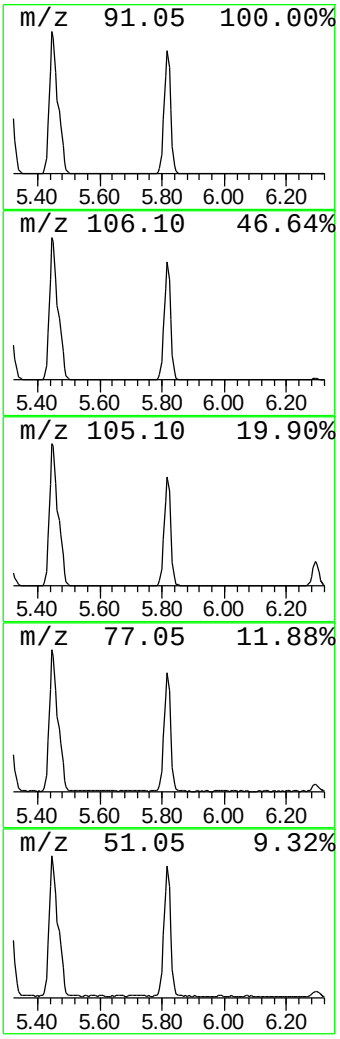
Peak Number 10 p-Xylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	23.07 ng/ul	1723390	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	o-Xylene	106	C8H10	000095-47-6	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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Quant Title : SVOA CALIBRATION

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

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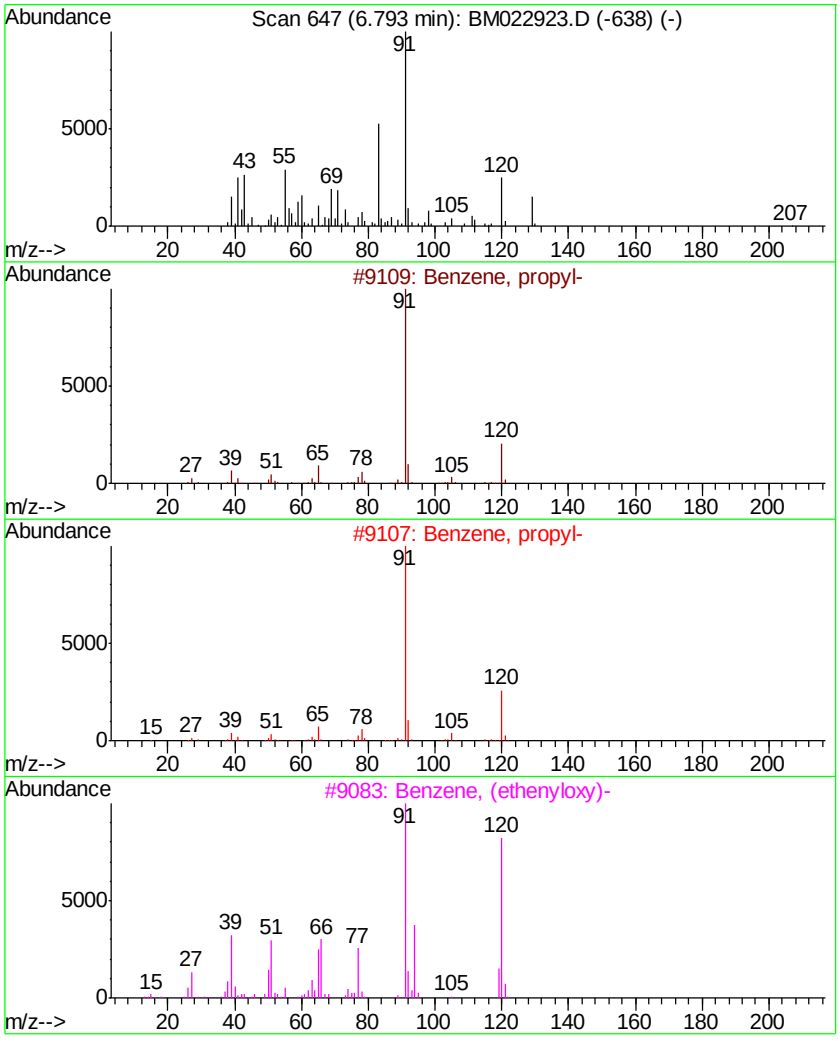
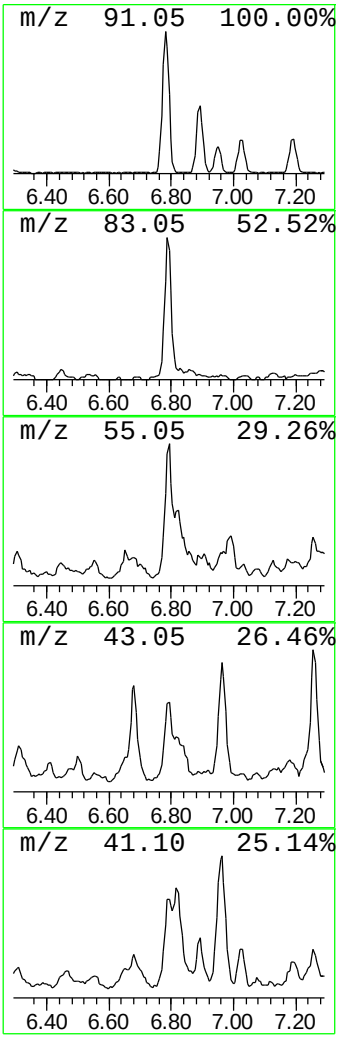
Peak Number 11 Benzene, propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	5.18 ng/ul	386802	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	50
2	Benzene, propyl-	120	C9H12	000103-65-1	45
3	Benzene, (ethenyloxy)-	120	C8H8O	000766-94-9	38
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	38
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	38





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Quant Title : SVOA CALIBRATION

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

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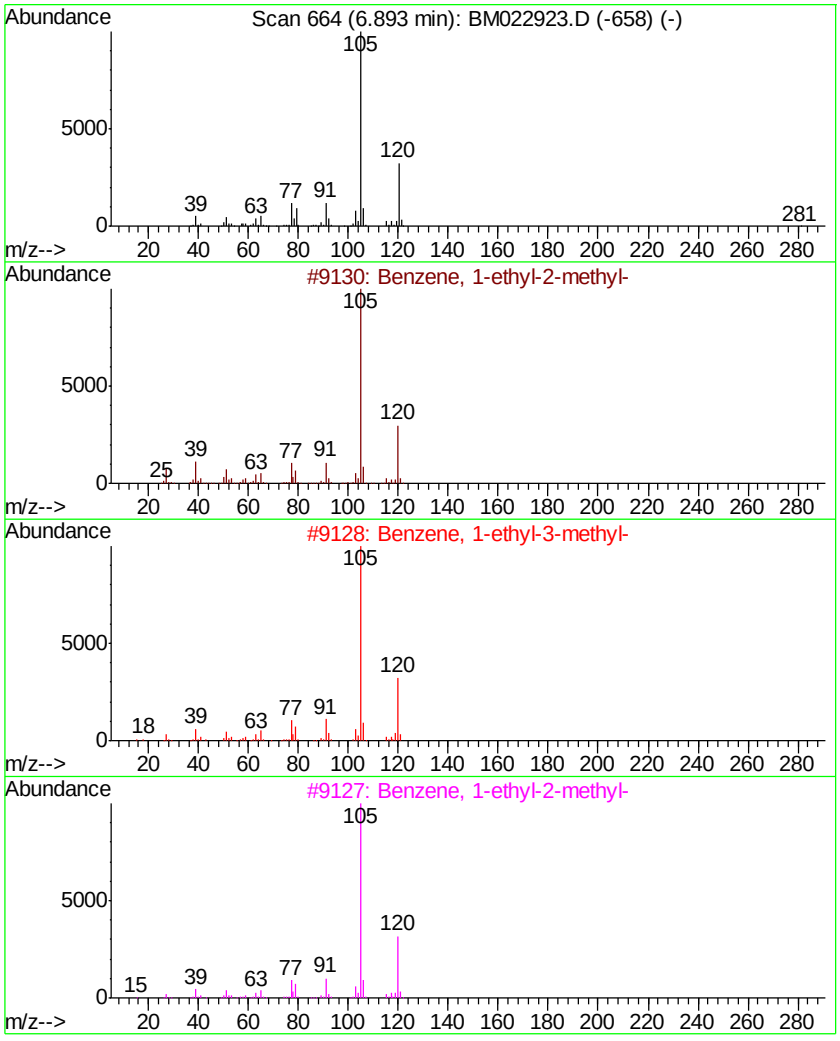
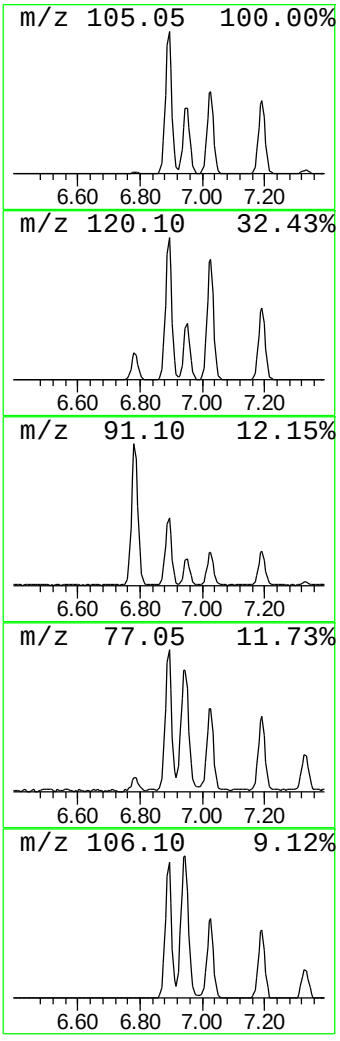
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	10.80 ng/ul	806812	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Quant Title : SVOA CALIBRATION

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

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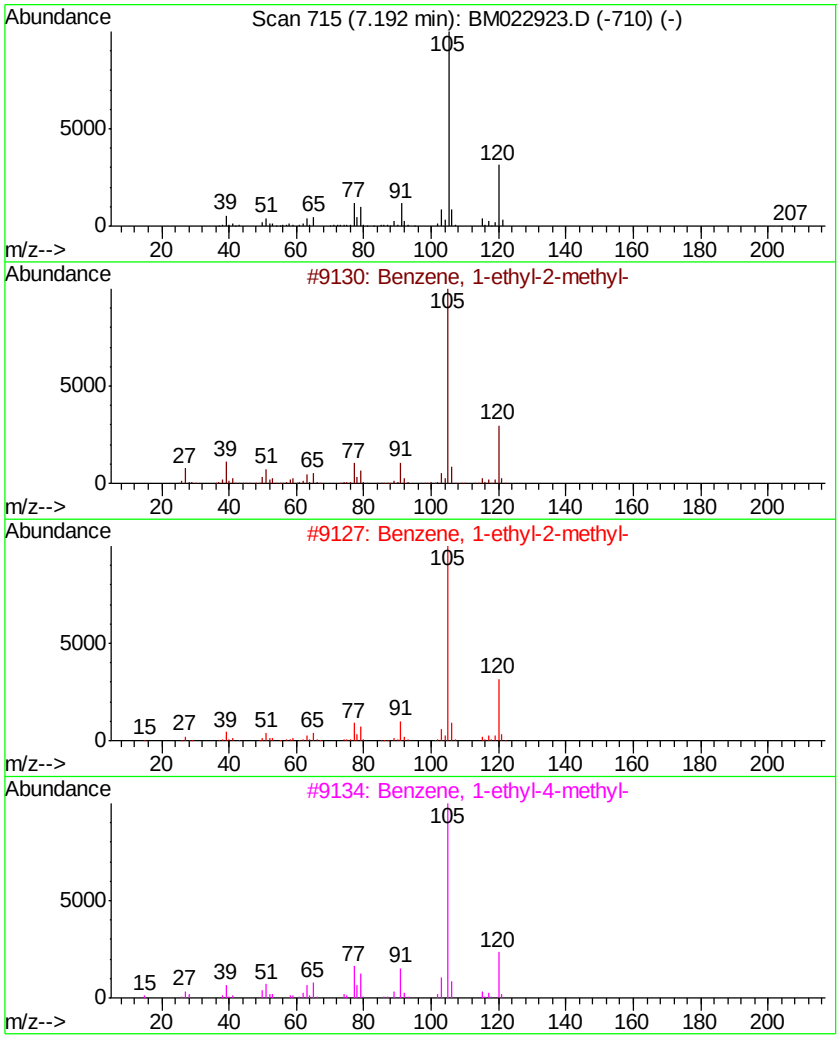
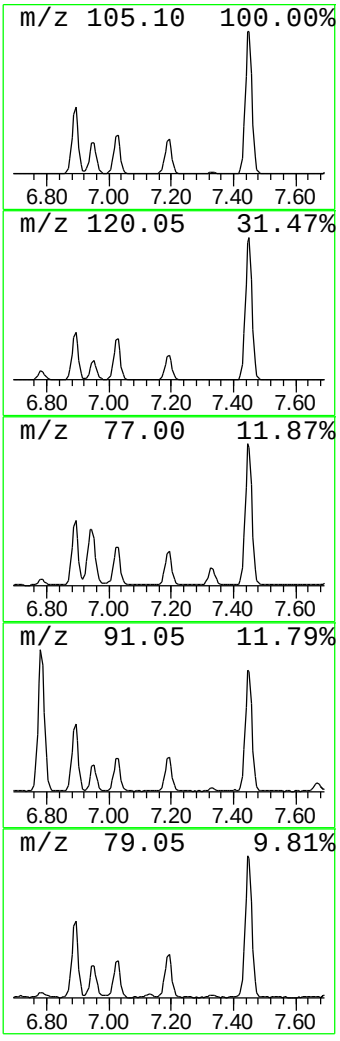
Peak Number 13 Benzene, 1-ethyl-4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	6.60 ng/ul	492885	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Quant Title : SVOA CALIBRATION

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

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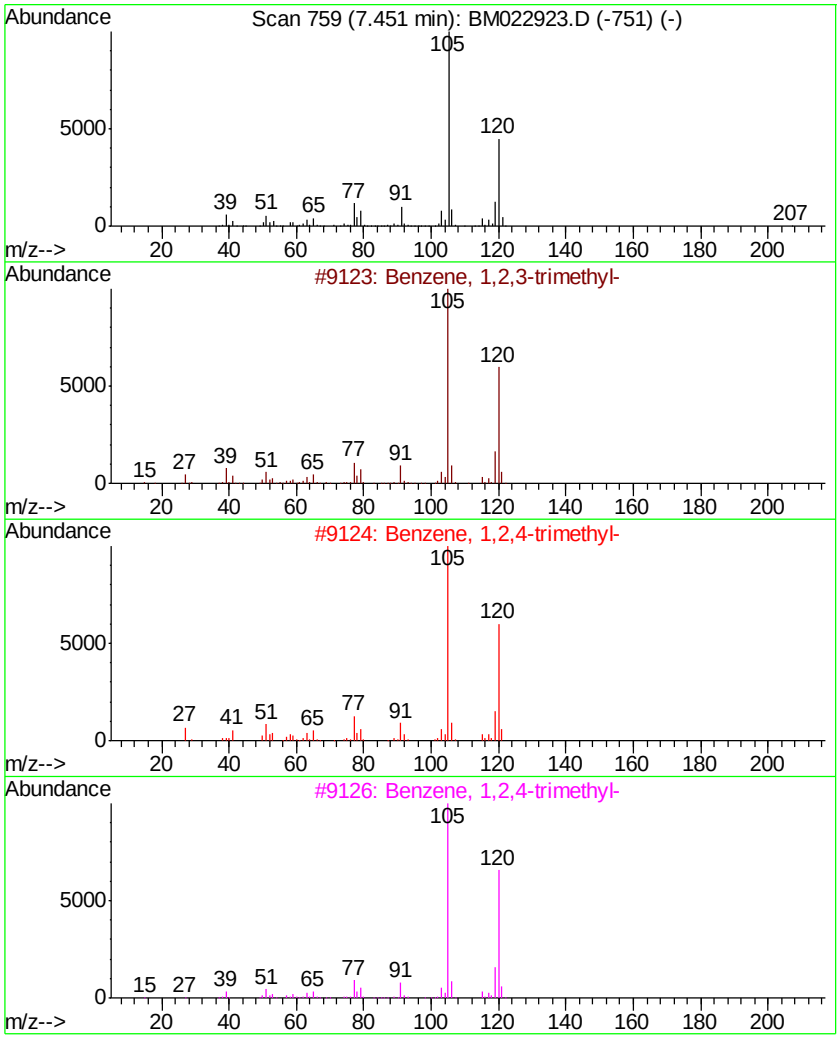
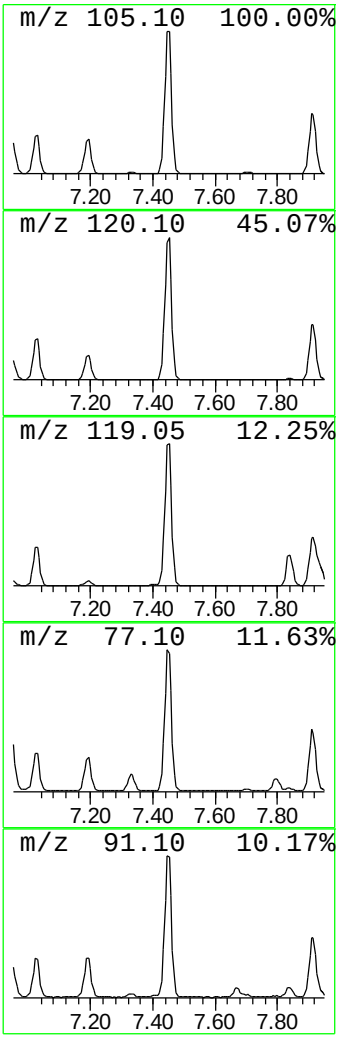
Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	28.52 ng/ul	2130600	1,4-Dichlorobenzene-d4	7.79

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, 1,3,5-trimethyl-	120	C9H12	000108-67-8	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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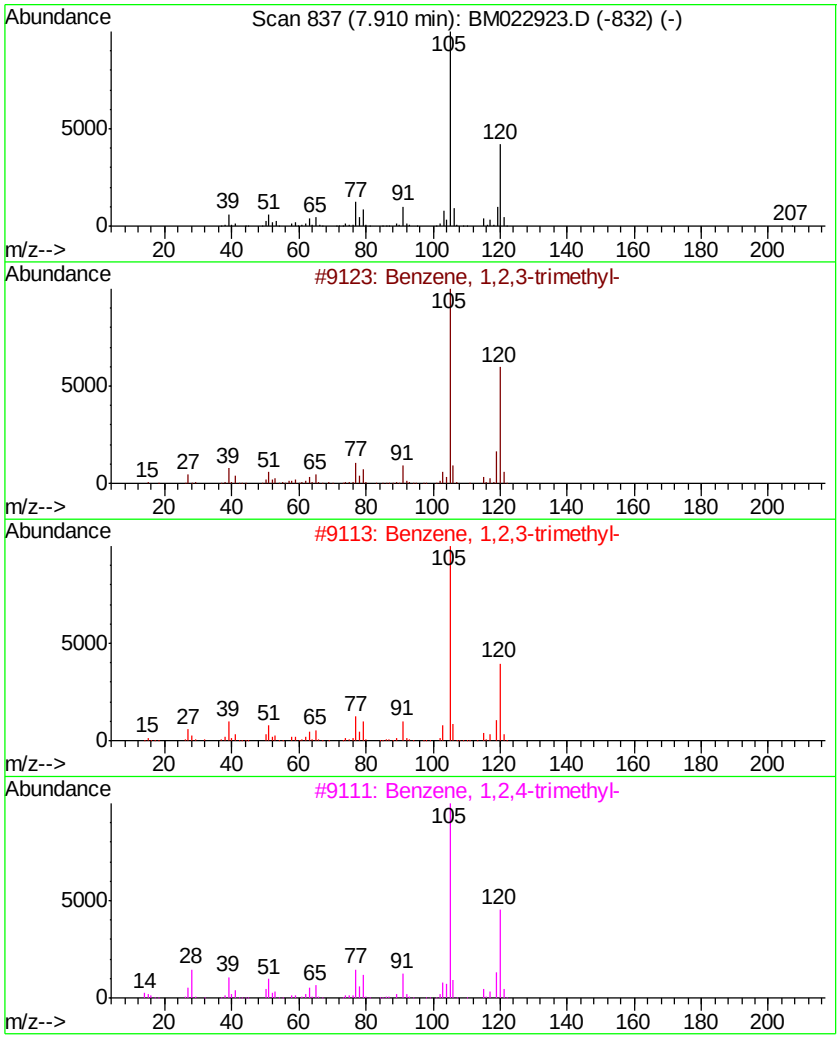
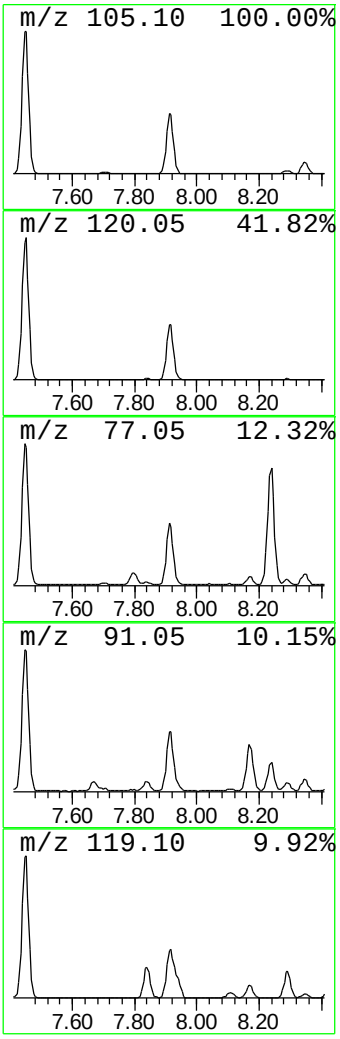
Peak Number 15 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	12.23 ng/ul	913966	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Quant Title : SVOA CALIBRATION

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

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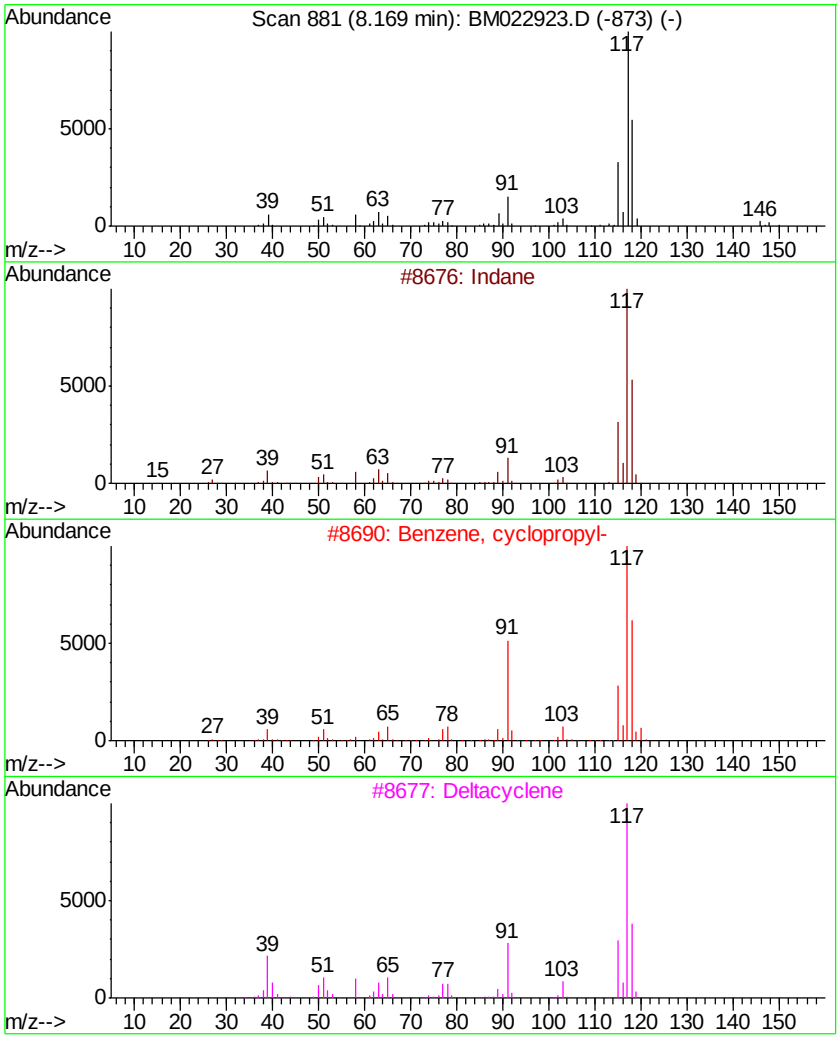
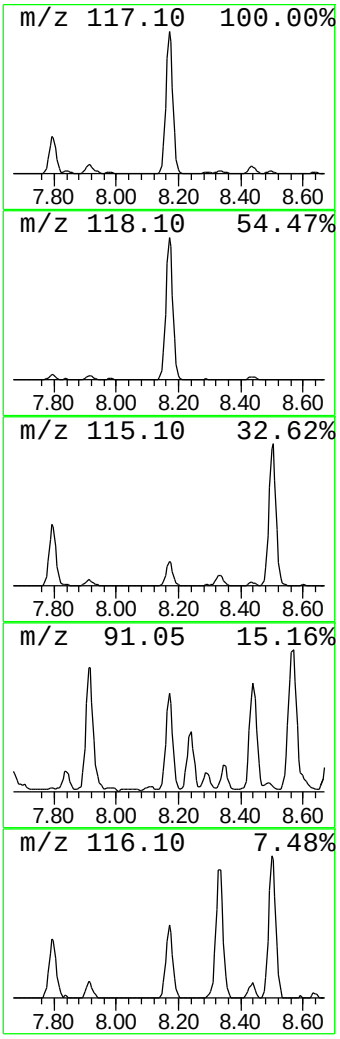
Peak Number 16 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	9.66 ng/ul	721401	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Indane	118	C9H10	000496-11-7	60





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Quant Title : SVOA CALIBRATION

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

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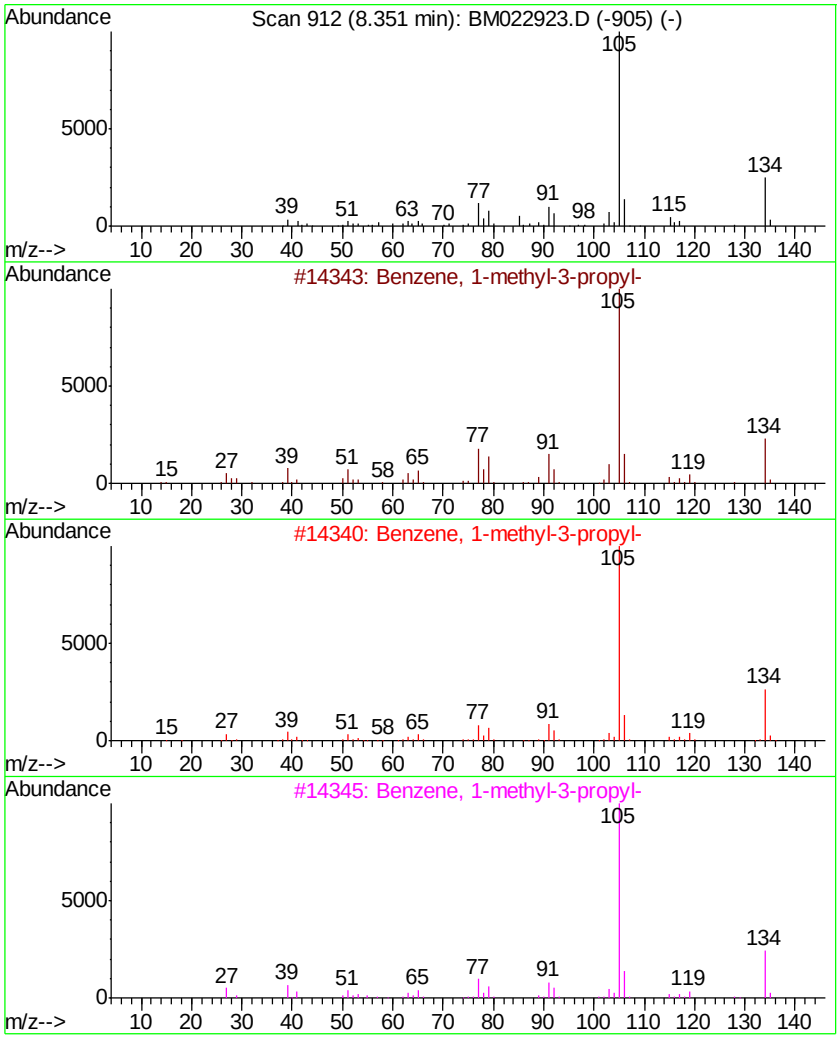
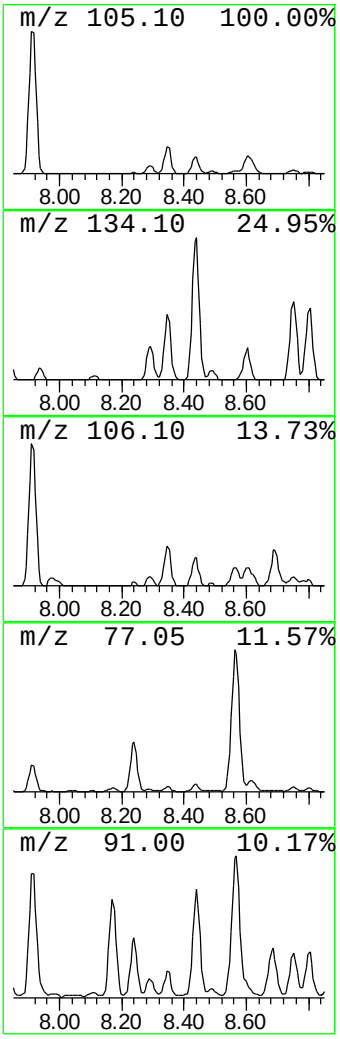
Peak Number 17 Benzene, 1-methyl-3-propyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	2.97 ng/ul	222147	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	68





Library Search Compound Report

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Acq On : 03 Oct 2019 16:48
Operator : JU
Sample : K4932-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG7

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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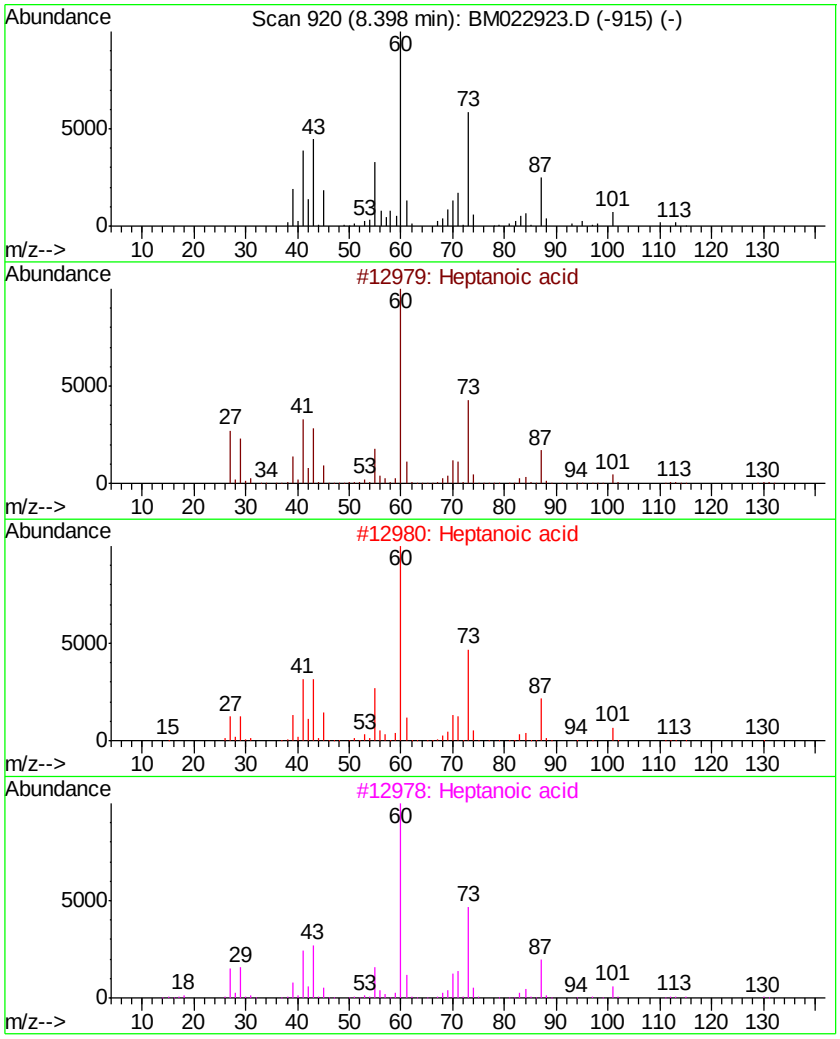
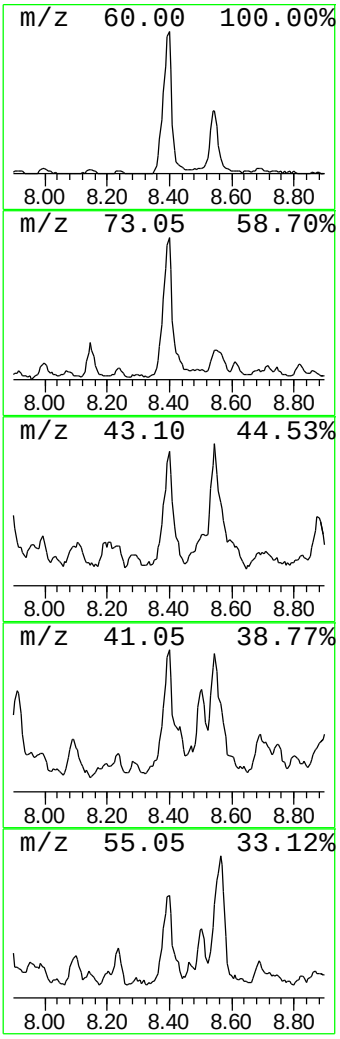
Peak Number 18 Heptanoic acid Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	2.92 ng/ul	218001	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	90
2	Heptanoic acid	130	C7H14O2	000111-14-8	90
3	Heptanoic acid	130	C7H14O2	000111-14-8	90
4	Heptanoic acid	130	C7H14O2	000111-14-8	83
5	Hexanoic acid	116	C6H12O2	000142-62-1	64





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Instrument : BNA_M
ClientSampleId : BFDG7

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Quant Title : SVOA CALIBRATION

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

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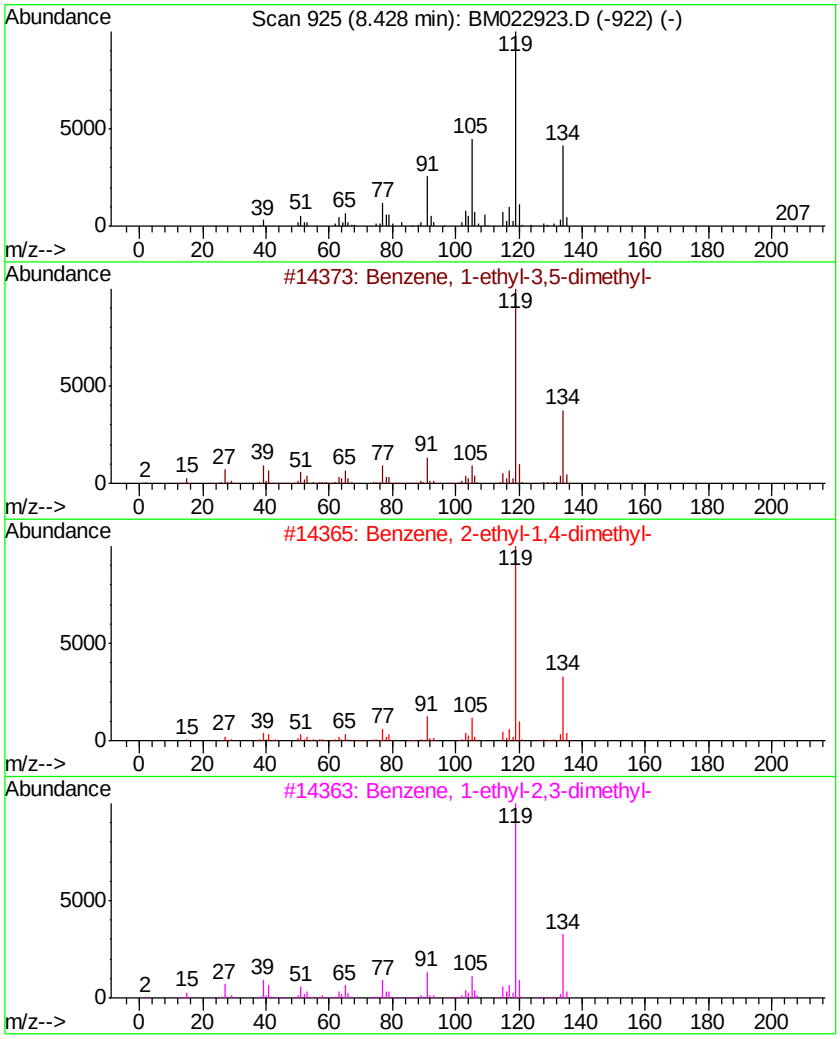
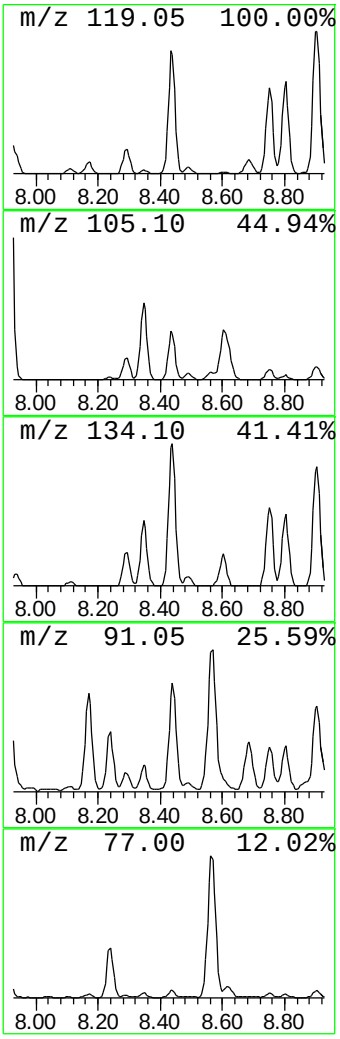
Peak Number 19 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	5.19 ng/ul	387523	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG7

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Quant Title : SVOA CALIBRATION

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

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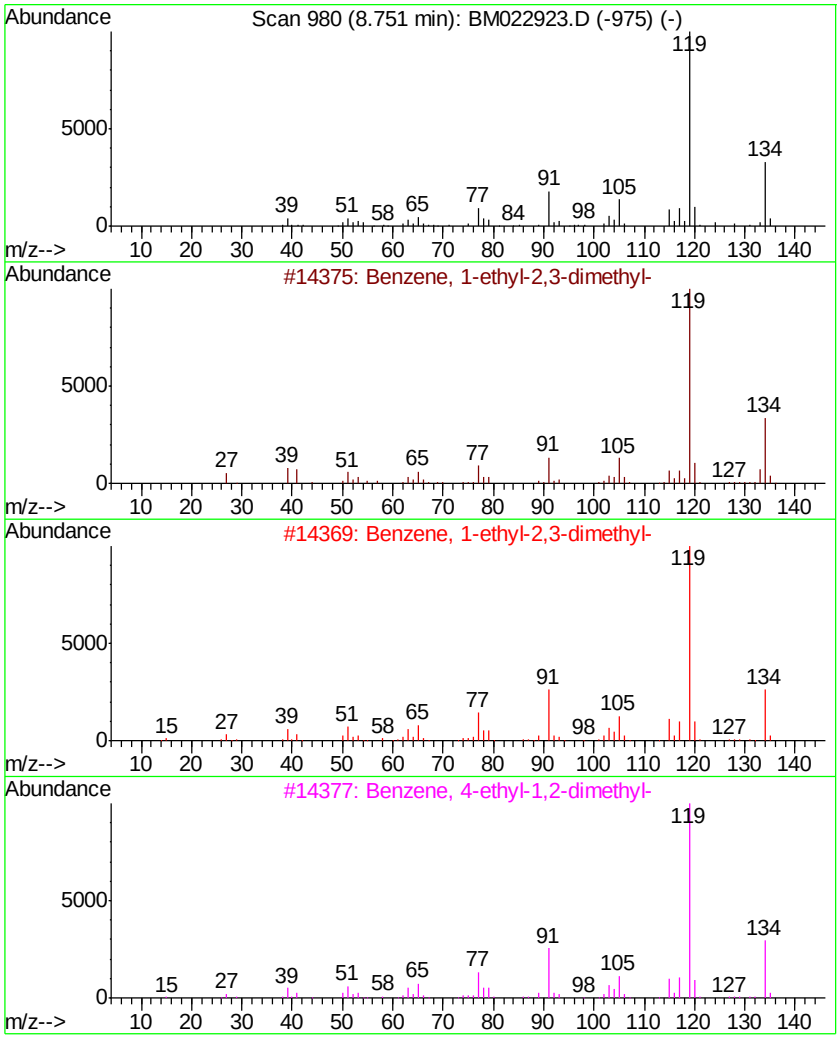
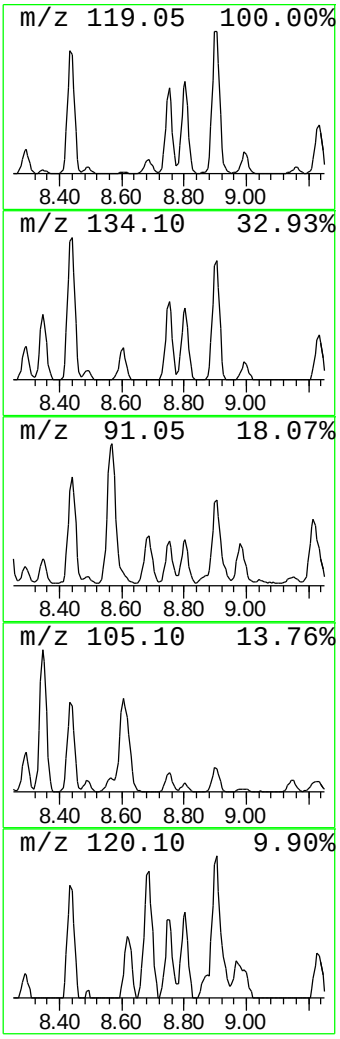
Peak Number 20 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	2.30 ng/ul	171602	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94





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Instrument : BNA_M
ClientSampleId : BFDG7

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Quant Title : SVOA CALIBRATION

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

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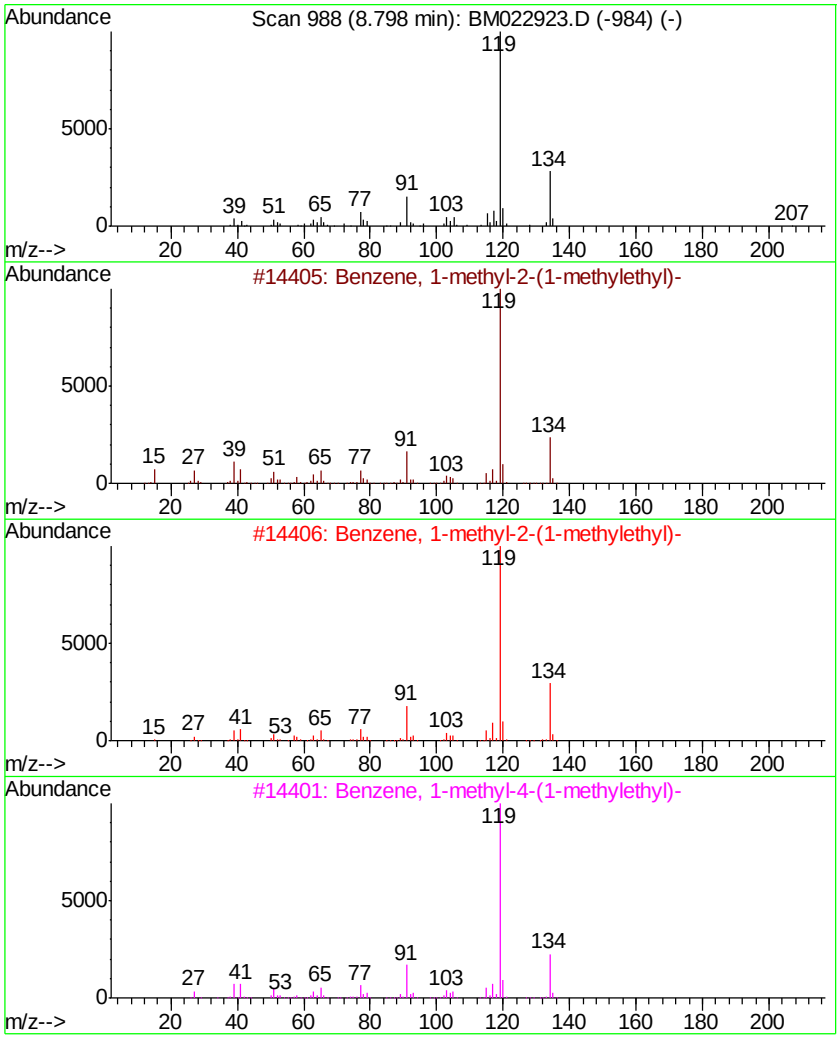
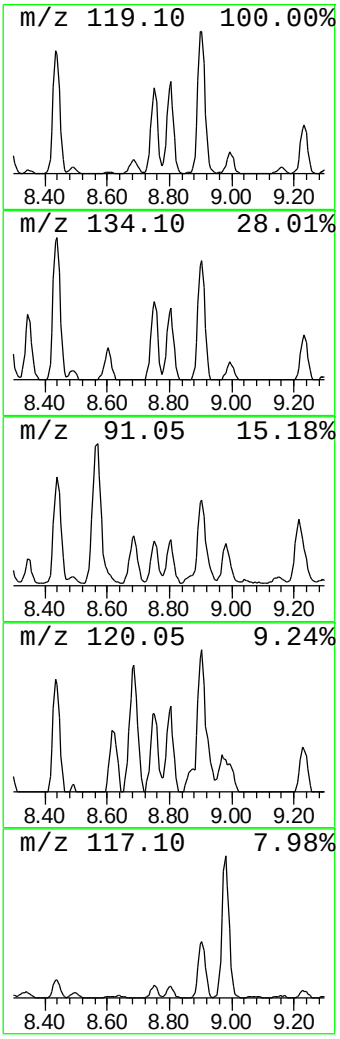
Peak Number 21 Benzene, 1-methyl-2-(1-meth... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	2.31 ng/ul	172381	1,4-Dichlorobenzene-d4	7.79

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-2-(1-methyleth...	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	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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ALS Vial : 10 Sample Multiplier: 1

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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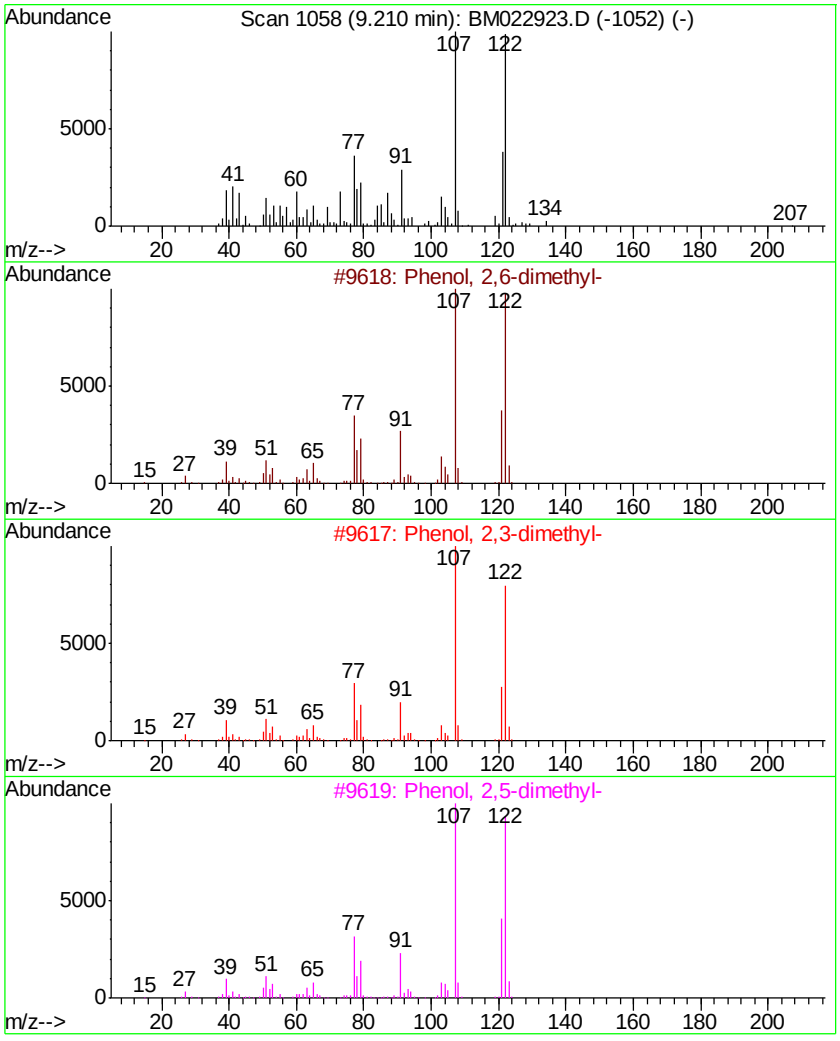
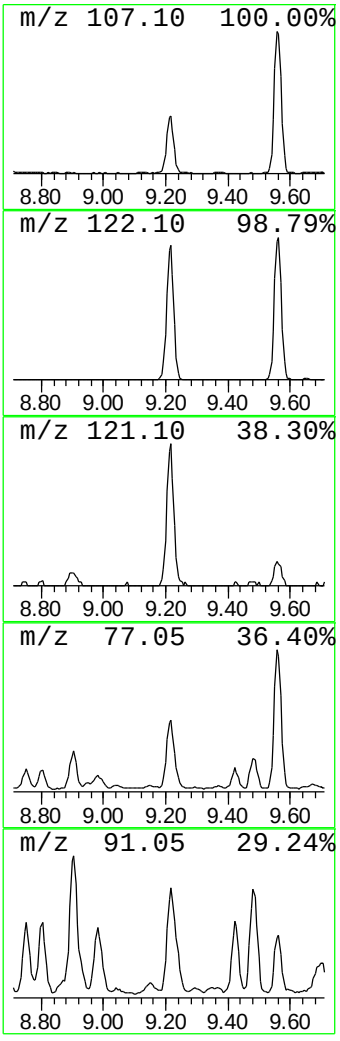
Peak Number 22 Phenol, 2,6-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	5.29 ng/ul	577261	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91





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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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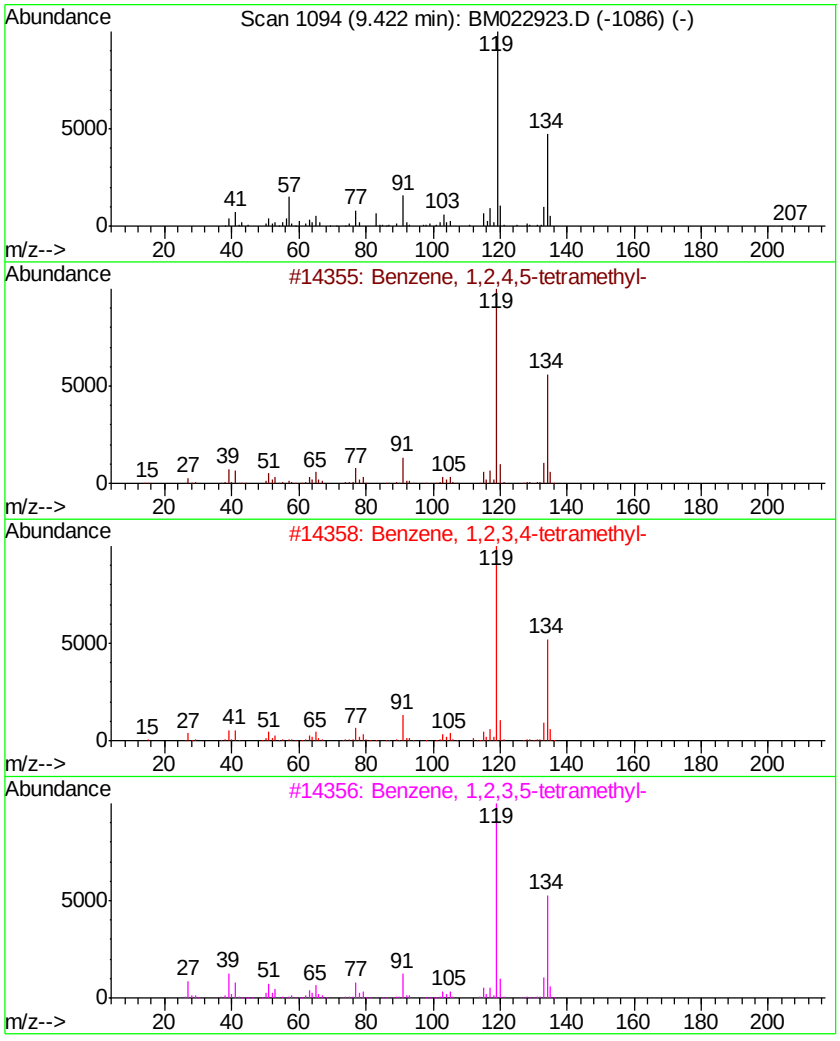
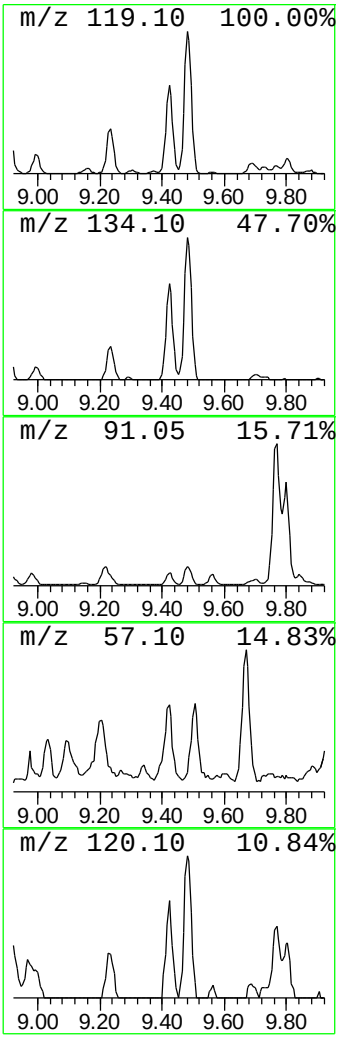
Peak Number 23 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	2.99 ng/ul	326744	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	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93





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Instrument : BNA_M
ClientSampleId : BFDG7

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Quant Title : SVOA CALIBRATION

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

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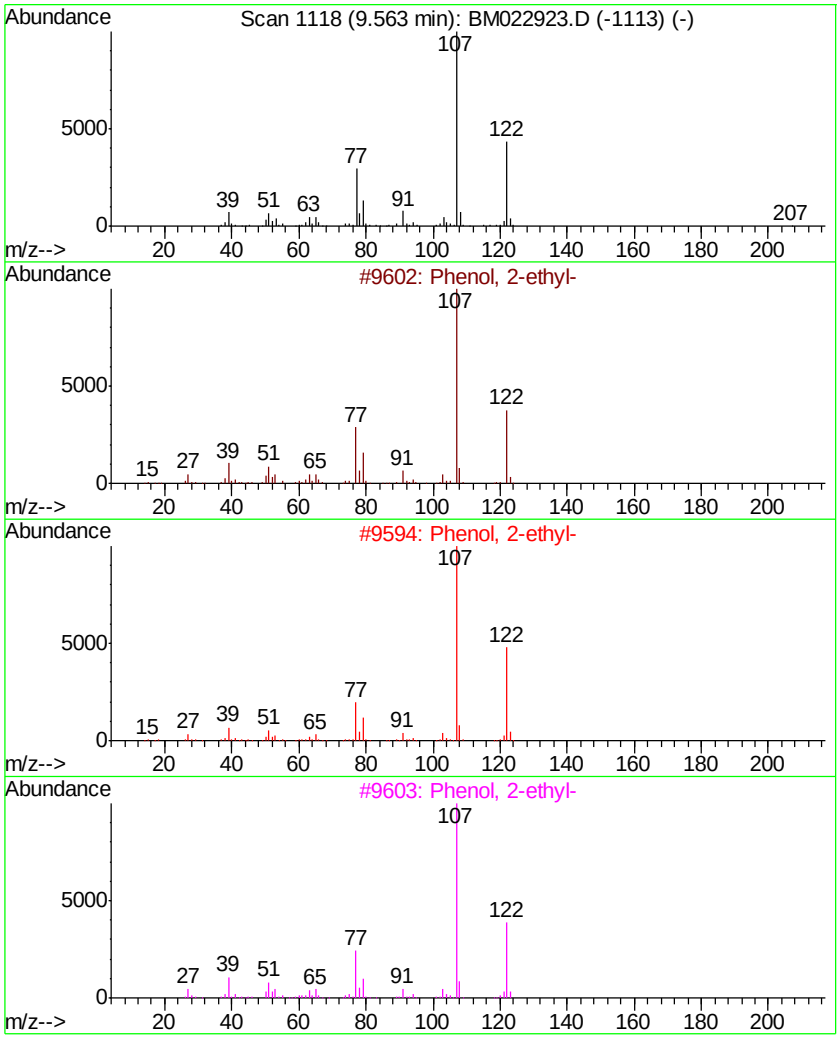
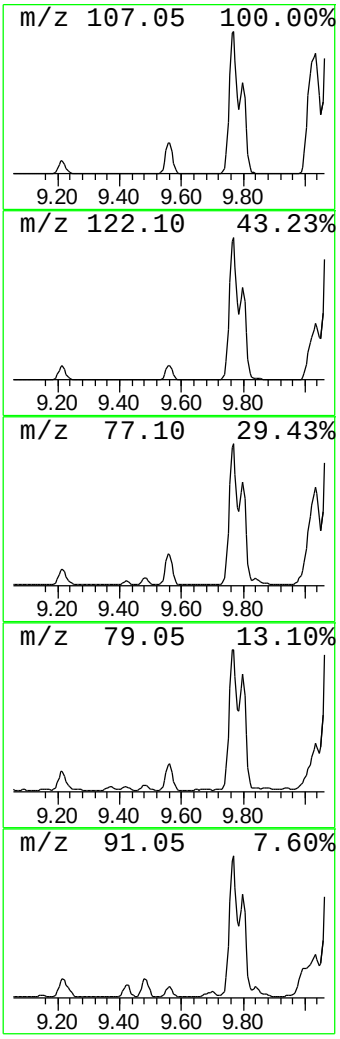
Peak Number 25 Phenol, 2-ethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	3.14 ng/ul	342043	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	97
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	94
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91





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Instrument : BNA_M
ClientSampleId : BFDG7

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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 Octanoic Acid Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	2.45 ng/ul	267475	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	91
2	Octanoic Acid	144	C8H16O2	000124-07-2	86
3	Octanoic Acid	144	C8H16O2	000124-07-2	83
4	Hexanoic acid	116	C6H12O2	000142-62-1	53
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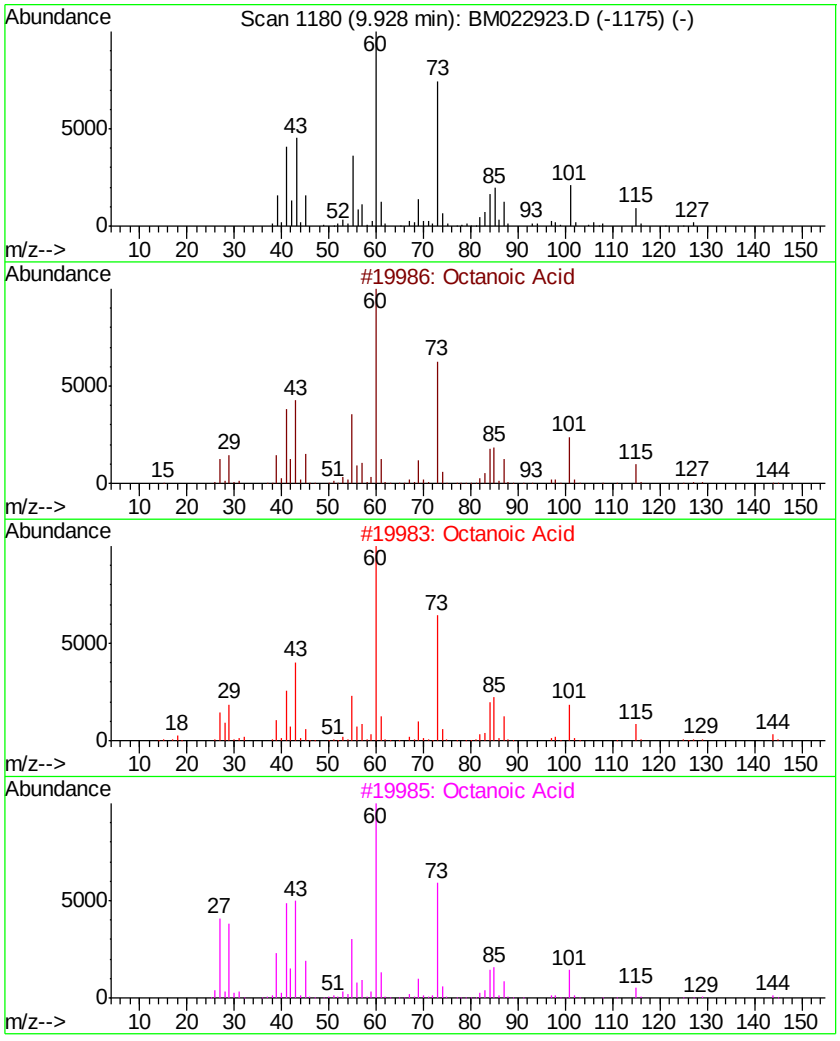

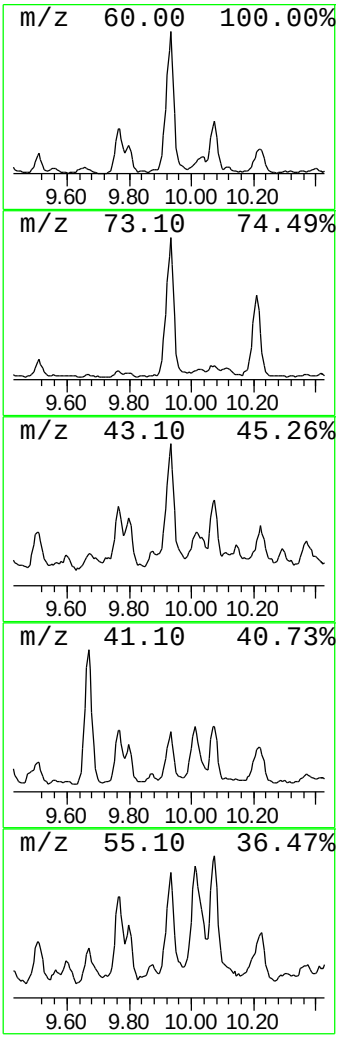

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Quant Title : SVOA CALIBRATION

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

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Peak Number 27 Phenol, 3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	27.08 ng/ul	2954700	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	94
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	94
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
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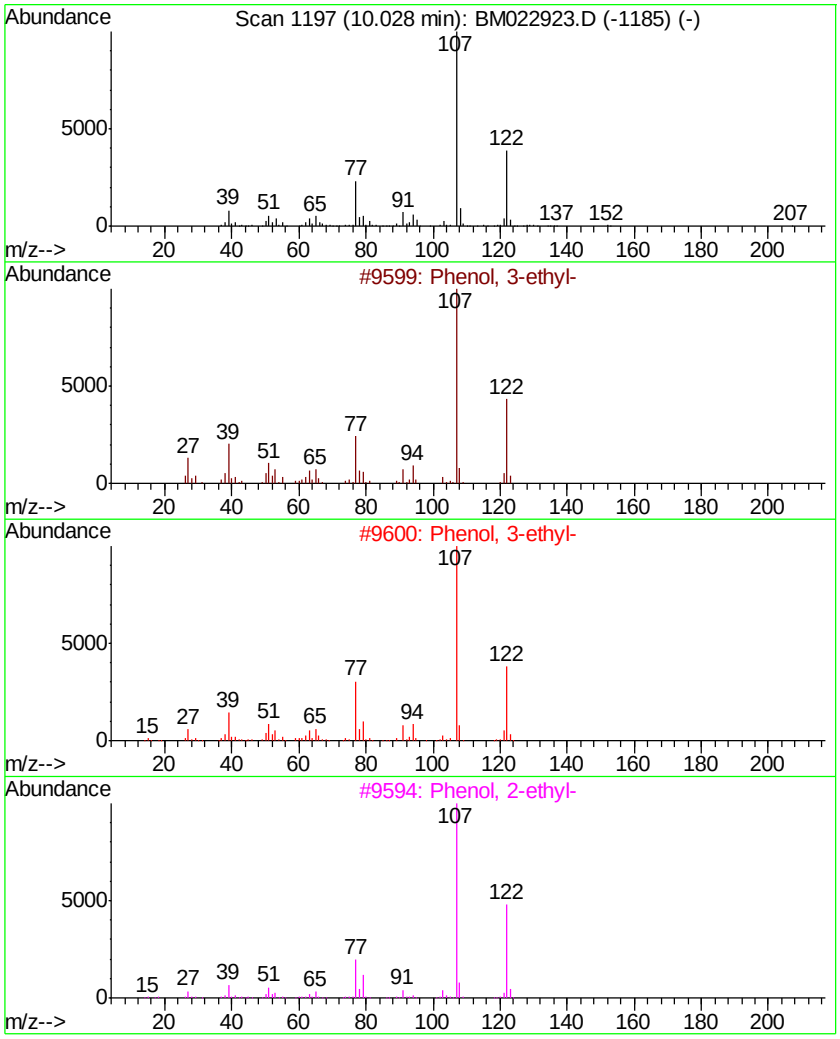

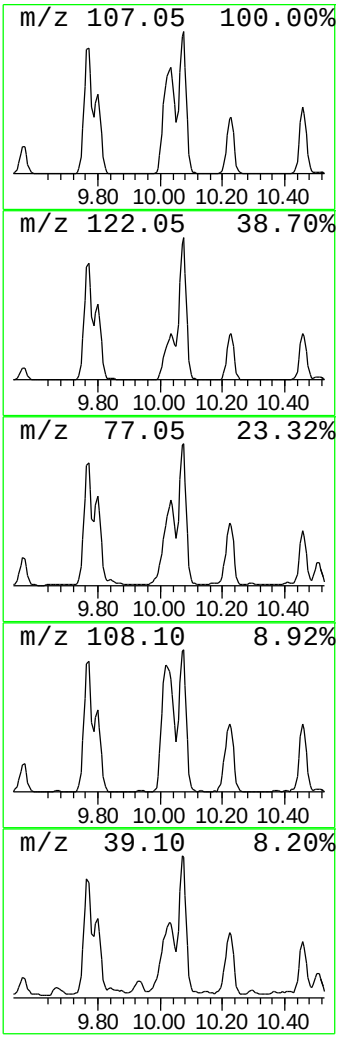

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Quant Title : SVOA CALIBRATION

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

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Peak Number 28 Phenol, 3,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	27.35 ng/ul	2984200	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	97
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
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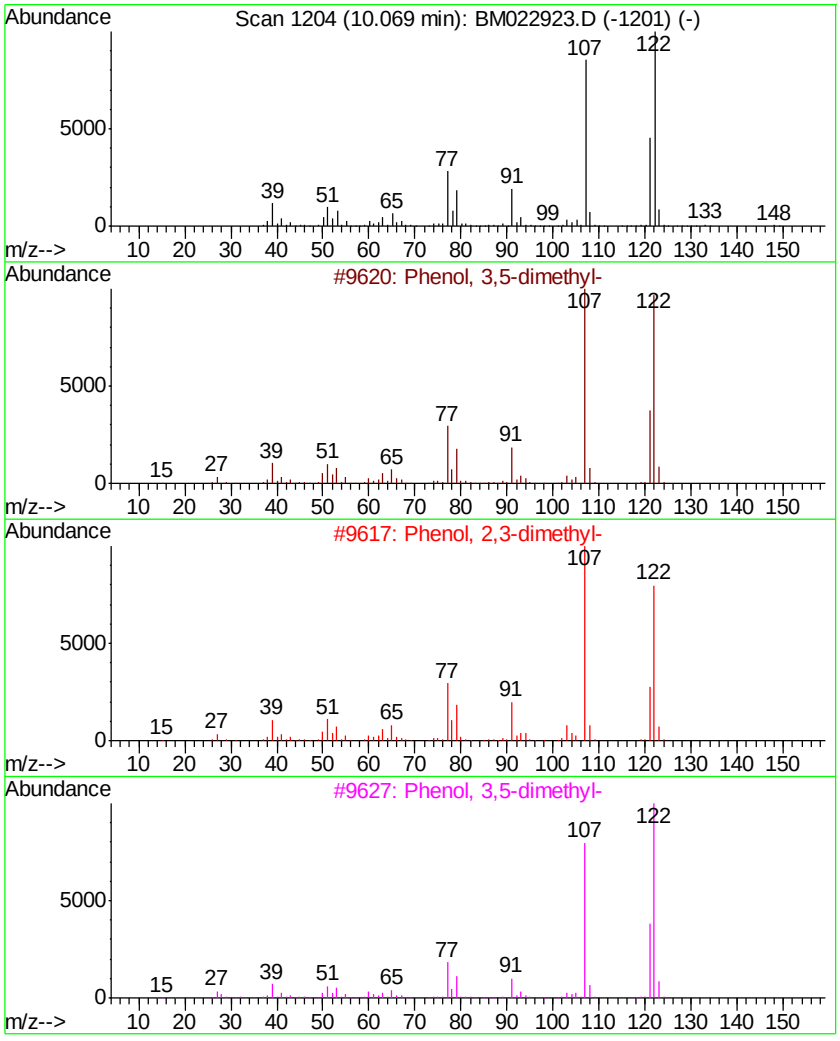

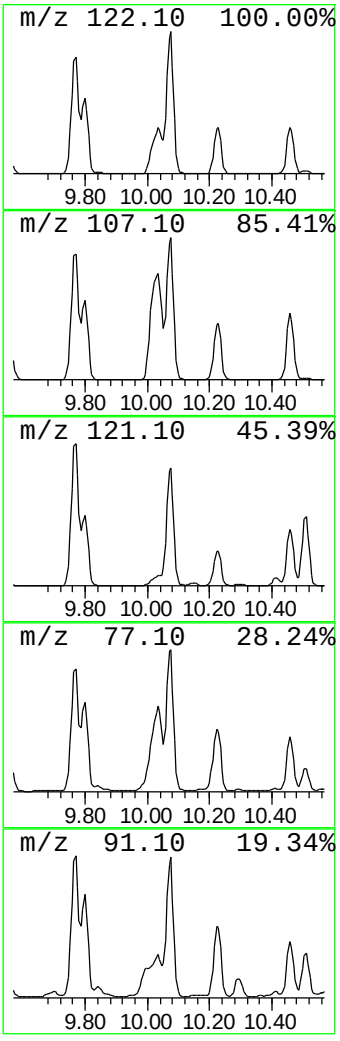

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Quant Title : SVOA CALIBRATION

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

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Peak Number 29 Phenol, 3,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	10.88 ng/ul	1186920	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
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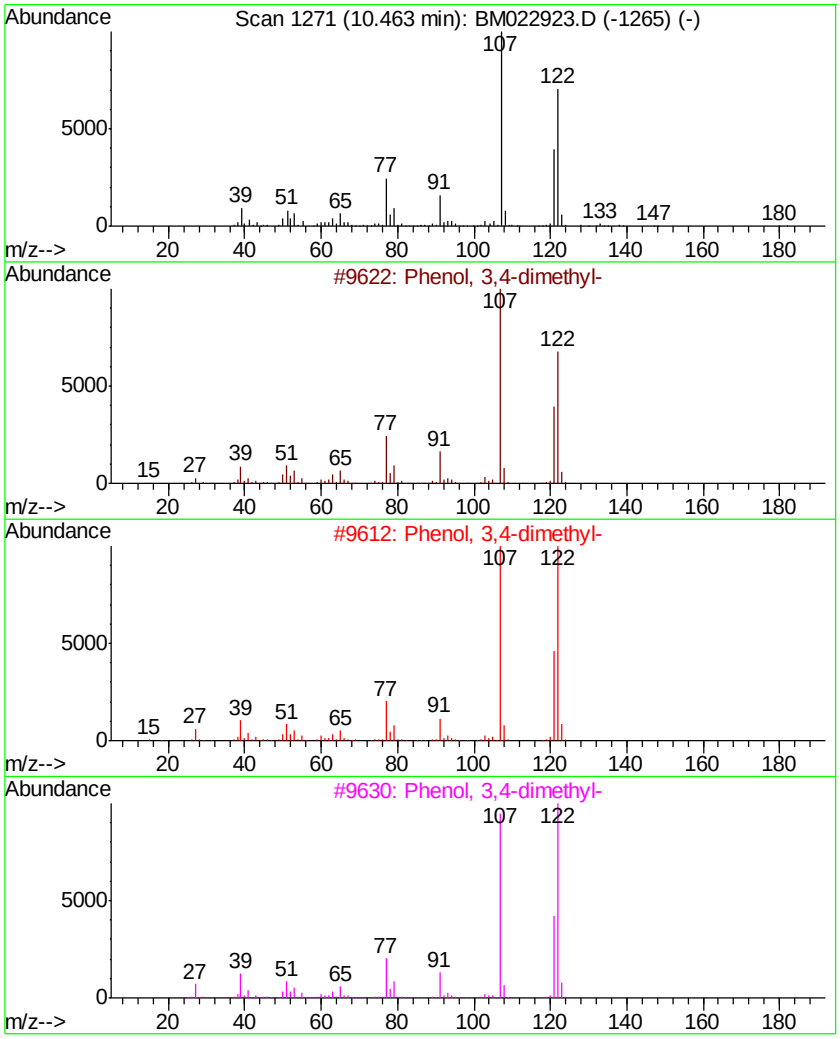

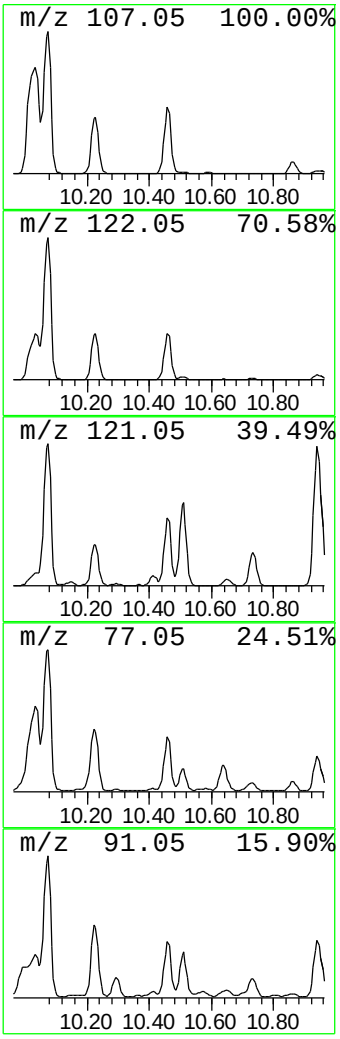

Library Search Compound Report

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Acq On : 03 Oct 2019 16:48
Operator : JU
Sample : K4932-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG7

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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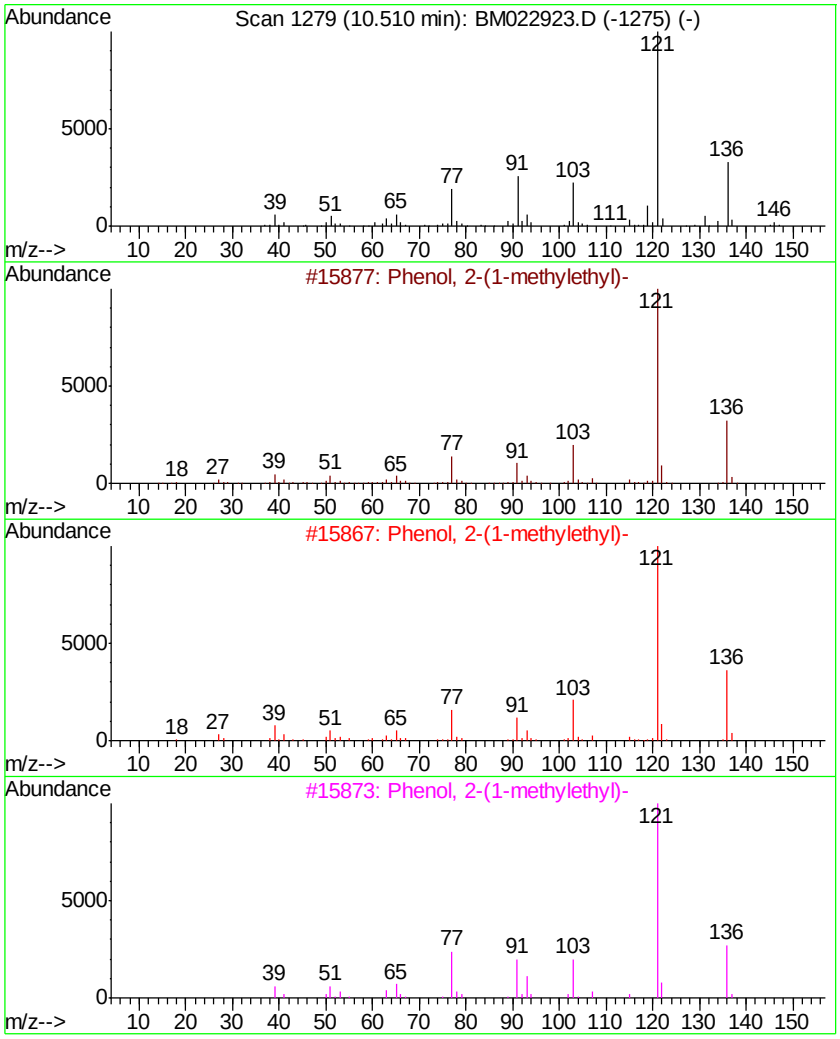
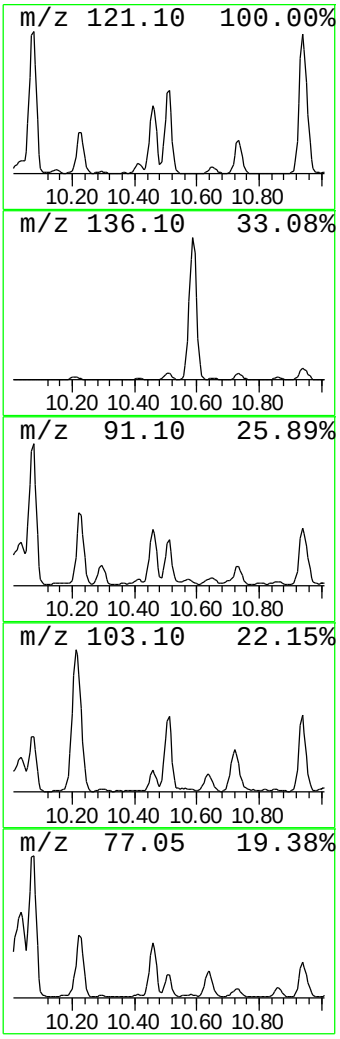
Peak Number 30 Phenol, 2-(1-methylethyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	4.23 ng/ul	461872	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	87
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	87
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	80
4	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	72
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022923.D
Acq On : 03 Oct 2019 16:48
Operator : JU
Sample : K4932-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG7

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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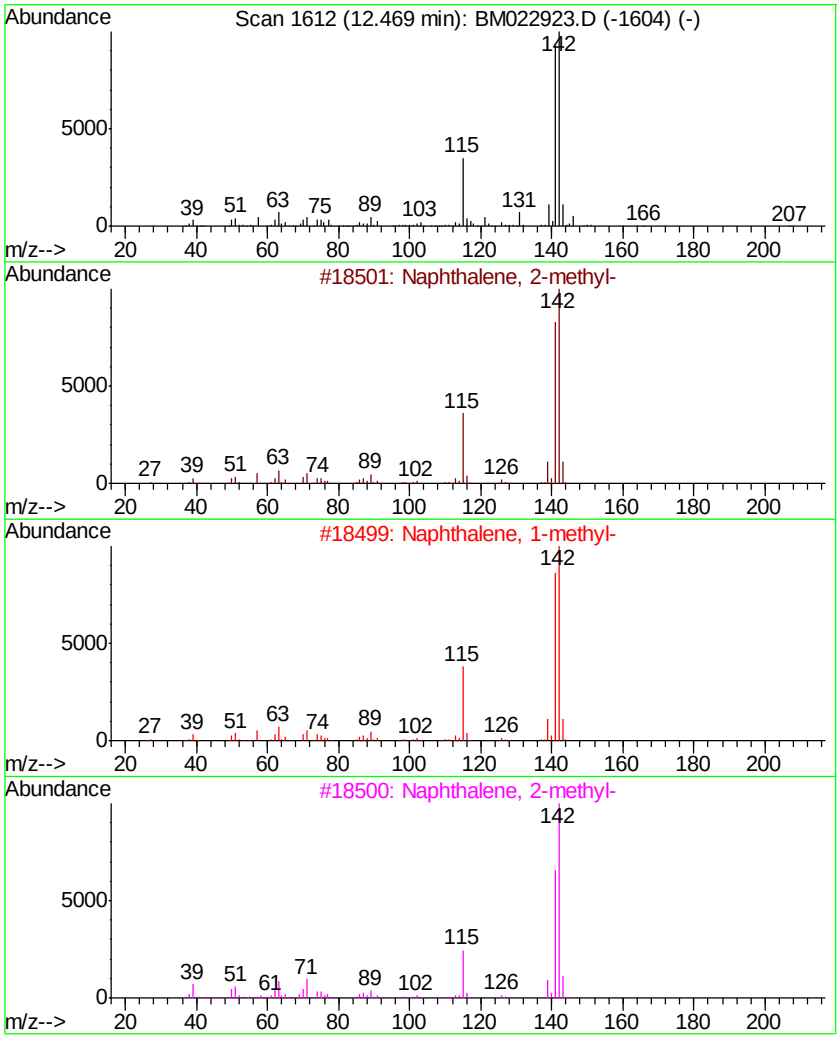
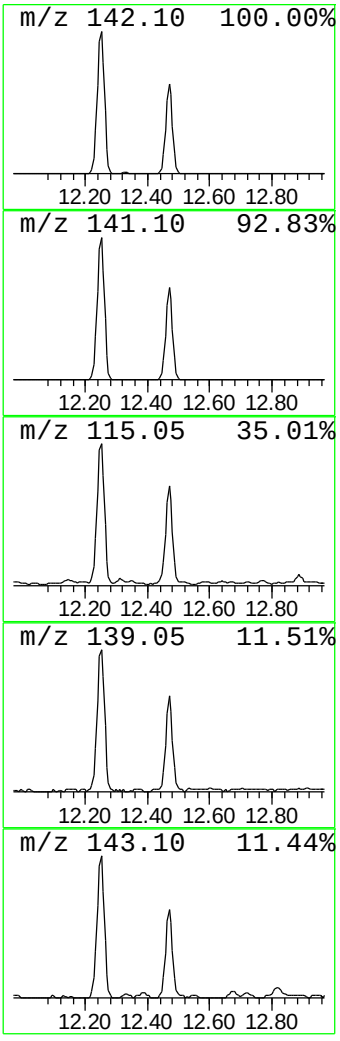
Peak Number 38 Naphthalene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	7.13 ng/ul	778015	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	Benzocycloheptatriene	142	C11H10	000264-09-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022923.D
Acq On : 03 Oct 2019 16:48
Operator : JU
Sample : K4932-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG7

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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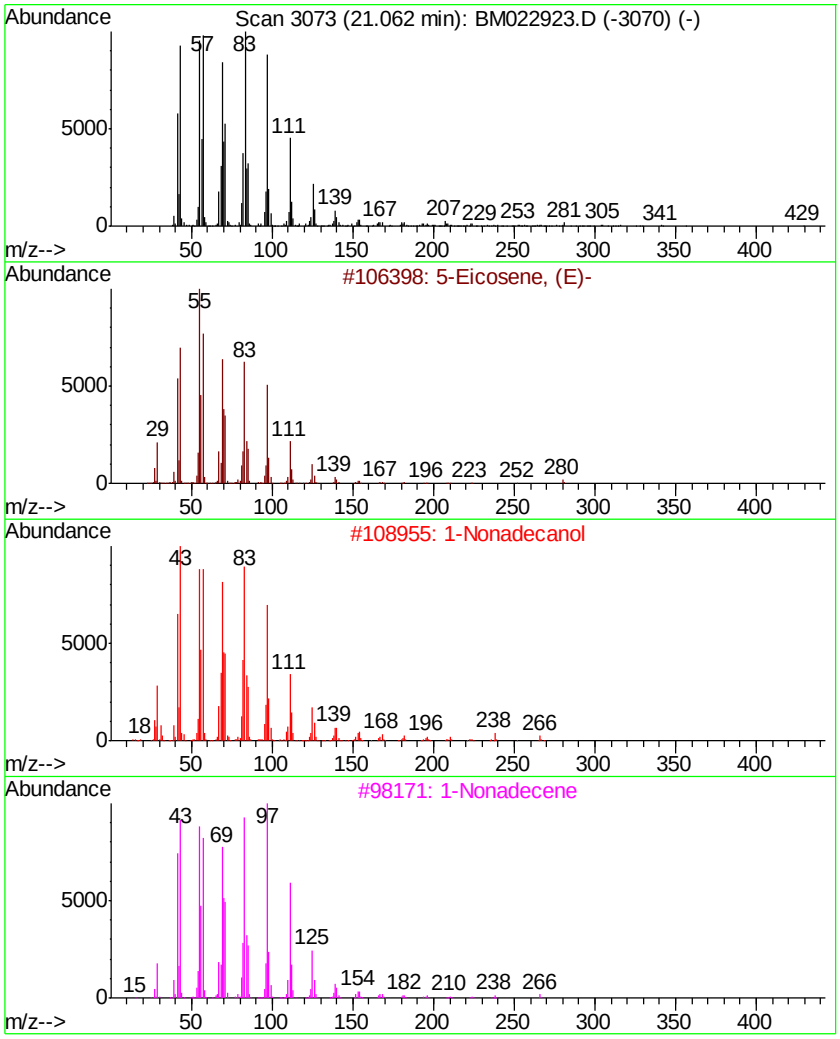
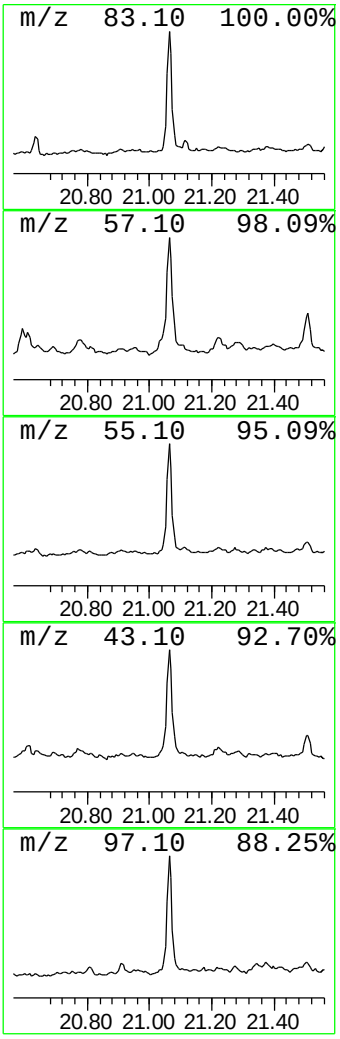
Peak Number 43 (DEL) Alkane: Cyclic21.06 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	5.33 ng/ul	778024	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Nonadecanol	284	C19H40O	001454-84-8	94
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100319\
Data File : BM022923.D
Acq On : 03 Oct 2019 16:48
Operator : JU
Sample : K4932-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG7

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...	3.60	6.0	ng/ul	448381	1	7.79	1494330	20.0
Propanoic acid, 1...	3.73	3.3	ng/ul	246761	1	7.79	1494330	20.0
2-Hexanol	3.83	4.0	ng/ul	298833	1	7.79	1494330	20.0
Toluene	4.00	31.7	ng/ul	2371180	1	7.79	1494330	20.0
Propanoic acid, 2...	4.26	5.9	ng/ul	439861	1	7.79	1494330	20.0
Propanoic acid, p...	4.44	9.4	ng/ul	702492	1	7.79	1494330	20.0
Butanoic acid, 1-...	4.89	10.7	ng/ul	798369	1	7.79	1494330	20.0
Ethylbenzene	5.32	9.9	ng/ul	737557	1	7.79	1494330	20.0
o-Xylene	5.45	36.6	ng/ul	2731860	1	7.79	1494330	20.0
p-Xylene	5.82	23.1	ng/ul	1723390	1	7.79	1494330	20.0
Benzene, propyl-	6.79	5.2	ng/ul	386802	1	7.79	1494330	20.0
Benzene, 1-ethyl-...	6.89	10.8	ng/ul	806812	1	7.79	1494330	20.0
Benzene, 1-ethyl-...	7.19	6.6	ng/ul	492885	1	7.79	1494330	20.0
Benzene, 1,2,3-tr...	7.45	28.5	ng/ul	2130600	1	7.79	1494330	20.0
Benzene, 1,2,4-tr...	7.91	12.2	ng/ul	913966	1	7.79	1494330	20.0
Indane	8.17	9.7	ng/ul	721401	1	7.79	1494330	20.0
Benzene, 1-methyl...	8.35	3.0	ng/ul	222147	1	7.79	1494330	20.0
Heptanoic acid	8.40	2.9	ng/ul	218001	1	7.79	1494330	20.0
Benzene, 1-ethyl-...	8.43	5.2	ng/ul	387523	1	7.79	1494330	20.0
Benzene, 1-ethyl-...	8.75	2.3	ng/ul	171602	1	7.79	1494330	20.0
Benzene, 1-methyl...	8.80	2.3	ng/ul	172381	1	7.79	1494330	20.0
Phenol, 2,6-dimet...	9.21	5.3	ng/ul	577261	2	10.59	2181940	20.0
Benzene, 1,2,4,5-...	9.42	3.0	ng/ul	326744	2	10.59	2181940	20.0
Phenol, 2-ethyl-	9.56	3.1	ng/ul	342043	2	10.59	2181940	20.0
Octanoic Acid	9.93	2.5	ng/ul	267475	2	10.59	2181940	20.0
Phenol, 3-ethyl-	10.03	27.1	ng/ul	2954700	2	10.59	2181940	20.0
Phenol, 3,5-dimet...	10.07	27.4	ng/ul	2984200	2	10.59	2181940	20.0
Phenol, 3,4-dimet...	10.46	10.9	ng/ul	1186920	2	10.59	2181940	20.0
Phenol, 2-(1-meth...	10.51	4.2	ng/ul	461872	2	10.59	2181940	20.0
Naphthalene, 1-me...	12.47	7.1	ng/ul	778015	2	10.59	2181940	20.0
(DEL) Alkane: Cyc...	21.06	5.3	ng/ul	778024	5	21.35	2917660	20.0