LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022894.D
Acq On : 02 Oct 2019 15:54
Operator : JU
Sample : K4983-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4

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	3.275	45	49	50	rBV	72325	82512	1.06%	0.072%
2	3.305	50	54	69	rVV	1949436	2429633	31.19%	2.131%
3	3.616	100	107	112	rBV	62543	93155	1.20%	0.082%
4	3.669	112	116	122	rBV	68452	94123	1.21%	0.083%
5	3.734	122	127	132	rBV	213053	274783	3.53%	0.241%
6	3.834	140	144	151	rBV	108444	154369	1.98%	0.135%
7	4.005	166	173	185	rVB2	558188	859622	11.04%	0.754%
8	4.269	213	218	224	rBV	413651	528593	6.79%	0.464%
9	4.340	226	230	243	rVB2	60765	99501	1.28%	0.087%
10	4.446	243	248	256	rBV	586058	758055	9.73%	0.665%
11	4.899	318	325	331	rVV	673684	893409	11.47%	0.784%
12	5.322	391	397	404	rVB	376017	539583	6.93%	0.473%
13	5.451	414	419	430	rVB	1186950	2323716	29.83%	2.038%
14	5.763	467	472	476	rBV	90879	120975	1.55%	0.106%
15	5.822	476	482	489	rVV	1173899	1709903	21.95%	1.500%
16	6.298	559	563	570	rVB	58574	92282	1.18%	0.081%
17	6.787	639	646	652	rBV	148061	253873	3.26%	0.223%
18	6.898	659	665	670	rVV	597541	899611	11.55%	0.789%
19	6.963	670	676	683	rVV2	638928	1364300	17.51%	1.197%
20	7.028	683	687	693	rVB	447657	695089	8.92%	0.610%
21	7.134	699	705	711	rBV	1281396	1988786	25.53%	1.744%
22	7.198	711	716	721	rVV	448693	710938	9.13%	0.624%
23	7.257	721	726	732	rVV3	130977	220934	2.84%	0.194%
24	7.334	732	739	750	rVV	1542684	2455687	31.52%	2.154%
25	7.451	752	759	767	rVB	1338983	2081949	26.73%	1.826%
26	7.798	810	818	823	rBV	875750	1441769	18.51%	1.265%
27	7.869	823	830	834	rVV2	402409	728585	9.35%	0.639%
28	7.916	834	838	855	rVB	814041	1615815	20.74%	1.417%
29	8.092	863	868	873	rBV3	81106	153215	1.97%	0.134%
30	8.175	873	882	889	rVB2	388369	838885	10.77%	0.736%
31	8.298	898	903	907	rBV3	81122	134303	1.72%	0.118%
32	8.351	907	912	920	rVB2	119564	219454	2.82%	0.192%
33	8.440	921	927	932	rBV	256066	399553	5.13%	0.350%
34	8.504	932	938	944	rBV	1289274	2079296	26.69%	1.824%

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ClientSampleId : BFDF4

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

35	8.569	944	949	953	rVV	160036	292481	3.75%	0.257%
36	8.610	953	956	964	rVB2	76770	135931	1.74%	0.119%
37	8.757	974	981	985	rBV	118273	184681	2.37%	0.162%
38	8.804	985	989	995	rVB	124819	188094	2.41%	0.165%
39	8.910	997	1007	1010	rBV	316118	561604	7.21%	0.493%
40	8.951	1010	1014	1025	rVV2	1512628	2813538	36.12%	2.468%
41	9.045	1025	1030	1034	rVB	89055	122563	1.57%	0.108%
42	9.151	1041	1048	1052	rBV5	32002	80905	1.04%	0.071%
43	9.239	1057	1063	1069	rVB2	97160	175961	2.26%	0.154%
44	9.428	1090	1095	1100	rVB	191823	284457	3.65%	0.250%
45	9.486	1100	1105	1115	rVB	307742	499036	6.41%	0.438%
46	9.675	1129	1137	1144	rBV	1380301	2283554	29.31%	2.003%
47	9.769	1149	1153	1156	rVV	161390	275560	3.54%	0.242%
48	9.798	1156	1158	1162	rVV3	140367	203978	2.62%	0.179%
49	9.845	1162	1166	1174	rVV	208708	339149	4.35%	0.297%
50	9.922	1174	1179	1182	rVV	53616	85876	1.10%	0.075%
51	9.998	1182	1192	1201	rVV4	640526	1618896	20.78%	1.420%
52	10.069	1201	1204	1213	rVV3	180767	354418	4.55%	0.311%
53	10.216	1221	1229	1238	rVV	2337630	4135607	53.09%	3.628%
54	10.298	1238	1243	1250	rVV3	66159	123779	1.59%	0.109%
55	10.463	1265	1271	1275	rVV2	82419	178309	2.29%	0.156%
56	10.510	1275	1279	1283	rVV	137555	236550	3.04%	0.207%
57	10.592	1283	1293	1297	rVV	1281690	2344241	30.09%	2.056%
58	10.639	1297	1301	1308	rVV	1108028	1884926	24.20%	1.653%
59	10.722	1308	1315	1327	rVV	1751227	3295745	42.31%	2.891%
60	10.810	1327	1330	1335	rVV2	50492	87017	1.12%	0.076%
61	10.945	1348	1353	1361	rVV2	100717	198605	2.55%	0.174%
62	11.133	1379	1385	1389	rBV2	78089	138601	1.78%	0.122%
63	11.204	1390	1397	1401	rVV4	56557	120280	1.54%	0.106%
64	11.416	1422	1433	1439	rBV4	94276	275745	3.54%	0.242%
65	11.510	1444	1449	1454	rVB	87550	148390	1.90%	0.130%
66	11.616	1462	1467	1472	rBV3	53643	105671	1.36%	0.093%
67	11.704	1472	1482	1488	rVB2	112515	267117	3.43%	0.234%
68	11.786	1491	1496	1500	rBV2	53487	88891	1.14%	0.078%
69	11.933	1513	1521	1525	rBV2	166362	283908	3.64%	0.249%
70	11.980	1525	1529	1535	rVB2	65981	95558	1.23%	0.084%
71	12.251	1569	1575	1589	rVB	689013	1153058	14.80%	1.011%

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Instrument : BNA_M
ClientSampleId : BFDF4

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

72	12.363	1590	1594	1601	rBV6	40968	83086	1.07%	0.073%
73	12.475	1607	1613	1618	rVB	524737	844572	10.84%	0.741%
74	12.722	1646	1655	1660	rBV9	48343	132679	1.70%	0.116%
75	13.145	1719	1727	1730	rBV9	48230	113034	1.45%	0.099%
76	13.280	1744	1750	1757	rVB3	251241	412243	5.29%	0.362%
77	13.351	1757	1762	1766	rBV	151422	226248	2.90%	0.198%
78	13.492	1778	1786	1793	rVB7	131851	286370	3.68%	0.251%
79	13.610	1800	1806	1811	rVB5	86633	213496	2.74%	0.187%
80	13.757	1826	1831	1835	rBV	110963	197460	2.53%	0.173%
81	13.845	1837	1846	1851	rVV	3733123	5358856	68.79%	4.700%
82	13.892	1851	1854	1865	rVB	495489	646767	8.30%	0.567%
83	13.992	1866	1871	1874	rBV4	72941	139983	1.80%	0.123%
84	14.127	1888	1894	1905	rVB	4507742	6799927	87.29%	5.964%
85	14.357	1929	1933	1937	rBV4	65066	99522	1.28%	0.087%
86	14.433	1940	1946	1954	rVB	1684908	2577508	33.09%	2.261%
87	14.633	1975	1980	1986	rVB	353555	488687	6.27%	0.429%
88	15.427	2109	2115	2121	rBV	5469239	7789826	100.00%	6.833%
89	15.474	2121	2123	2128	rVV3	141789	190202	2.44%	0.167%
90	15.539	2129	2134	2143	rVB	1538602	2198781	28.23%	1.929%
91	16.468	2288	2292	2298	rVB	155449	218656	2.81%	0.192%
92	17.174	2407	2412	2417	rBV2	1682720	2317374	29.75%	2.033%
93	17.274	2423	2429	2435	rBV2	5131105	7215713	92.63%	6.329%
94	18.080	2562	2566	2572	rBV	564801	750121	9.63%	0.658%
95	19.356	2779	2783	2793	rVB2	289916	413635	5.31%	0.363%
96	19.568	2813	2819	2824	rBV	5435626	7152998	91.82%	6.274%
97	21.068	3071	3074	3081	rVB	408374	449424	5.77%	0.394%
98	21.350	3118	3122	3128	rBV	1627764	2033590	26.11%	1.784%
99	23.480	3476	3484	3499	rVV	3819170	7423231	95.29%	6.511%
100	23.615	3502	3507	3518	rVB	1189318	2233778	28.68%	1.959%

Sum of corrected areas: 114006703

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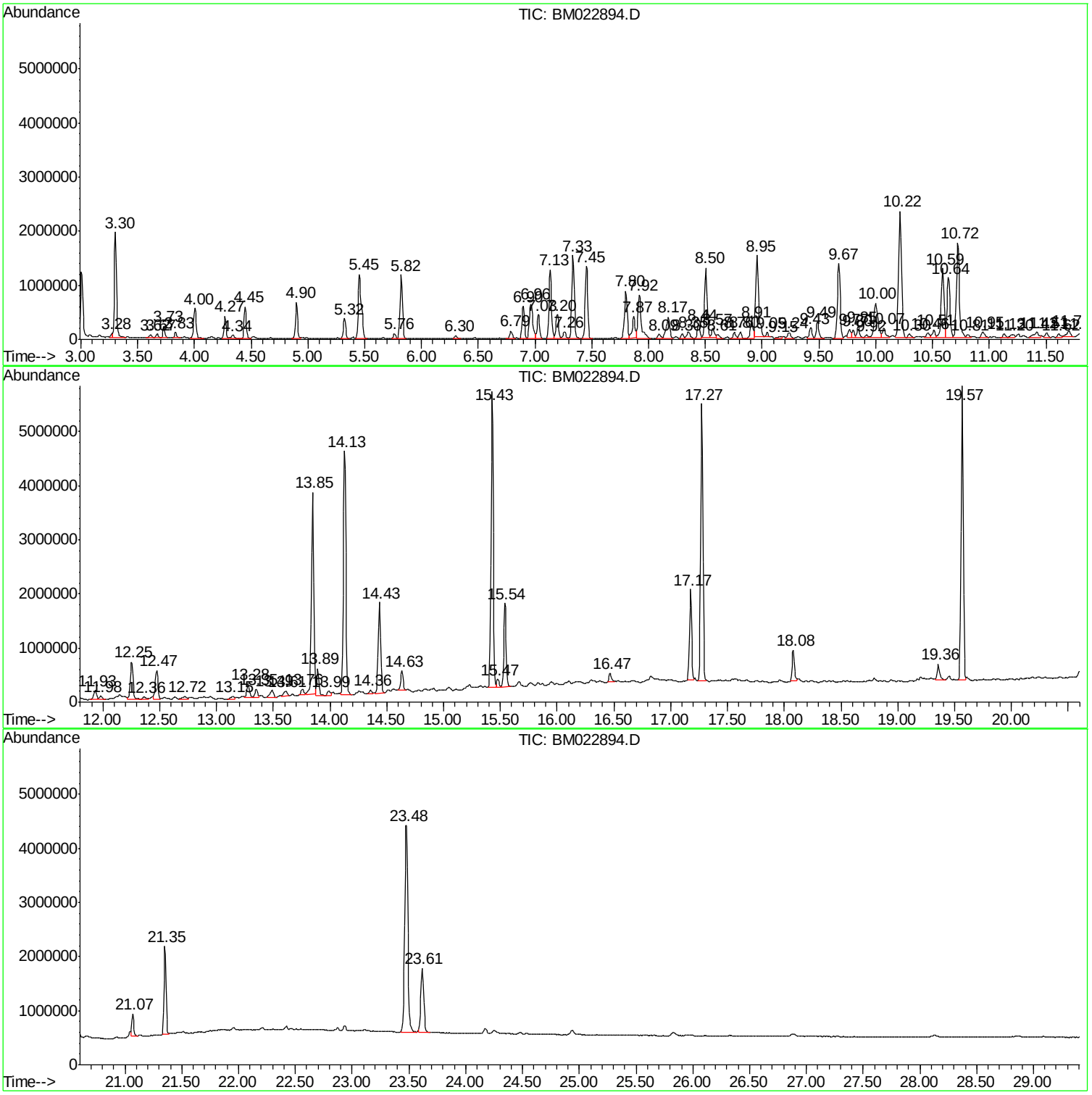
Instrument :
BNA_M
ClientSampleId :
BFDF4

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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Quant Title : SVOA CALIBRATION

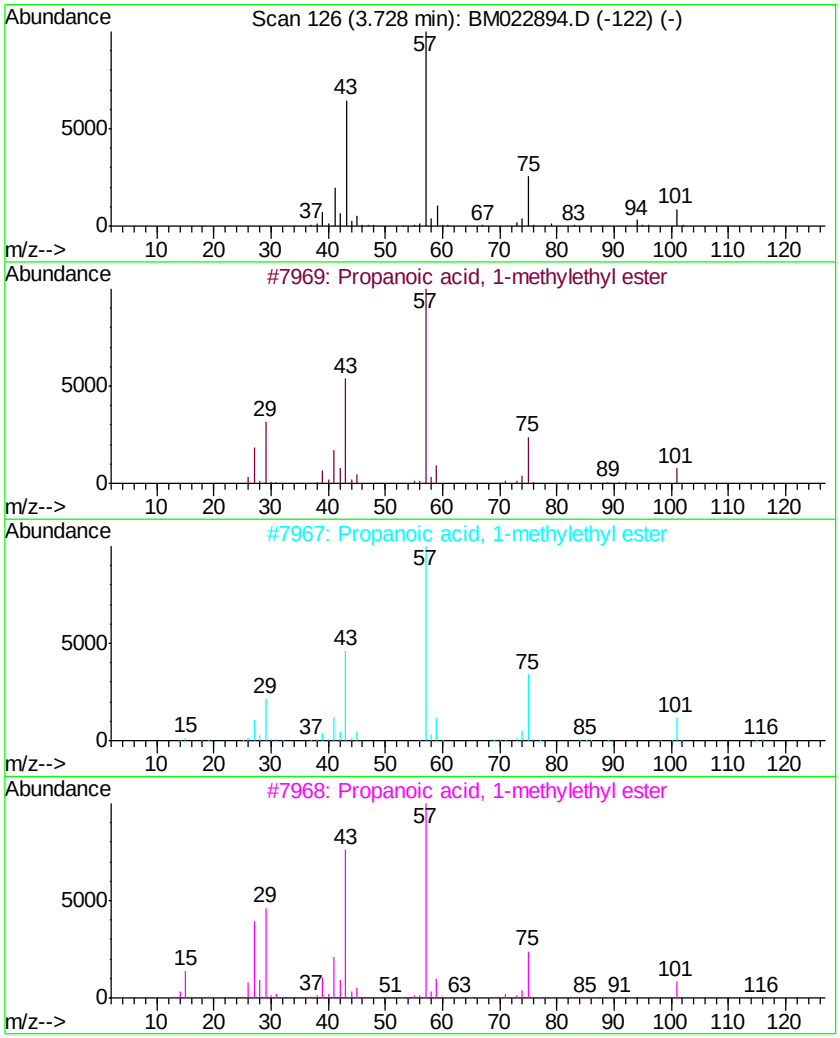
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

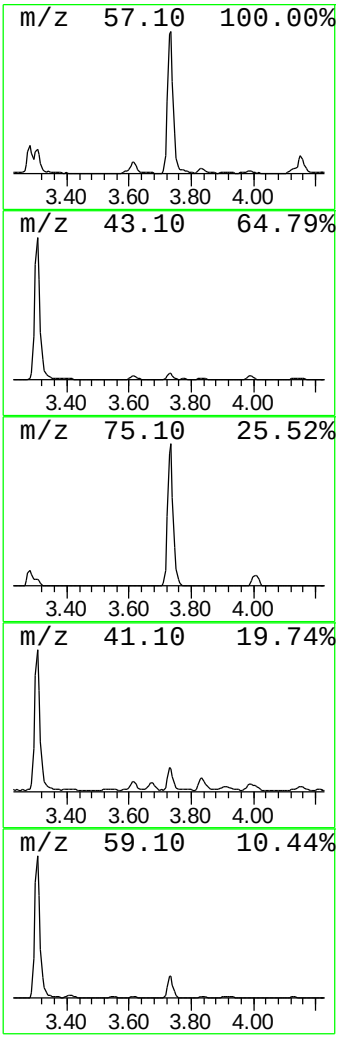
****

Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	3.81 ng/ul	274783	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	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, 1-methylethyl ester	116	C6H12O2	000637-78-5	37
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	33





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Instrument : BNA_M
ClientSampleId : BFDF4

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

TIC Library : C:\DATABASE\NIST02.L
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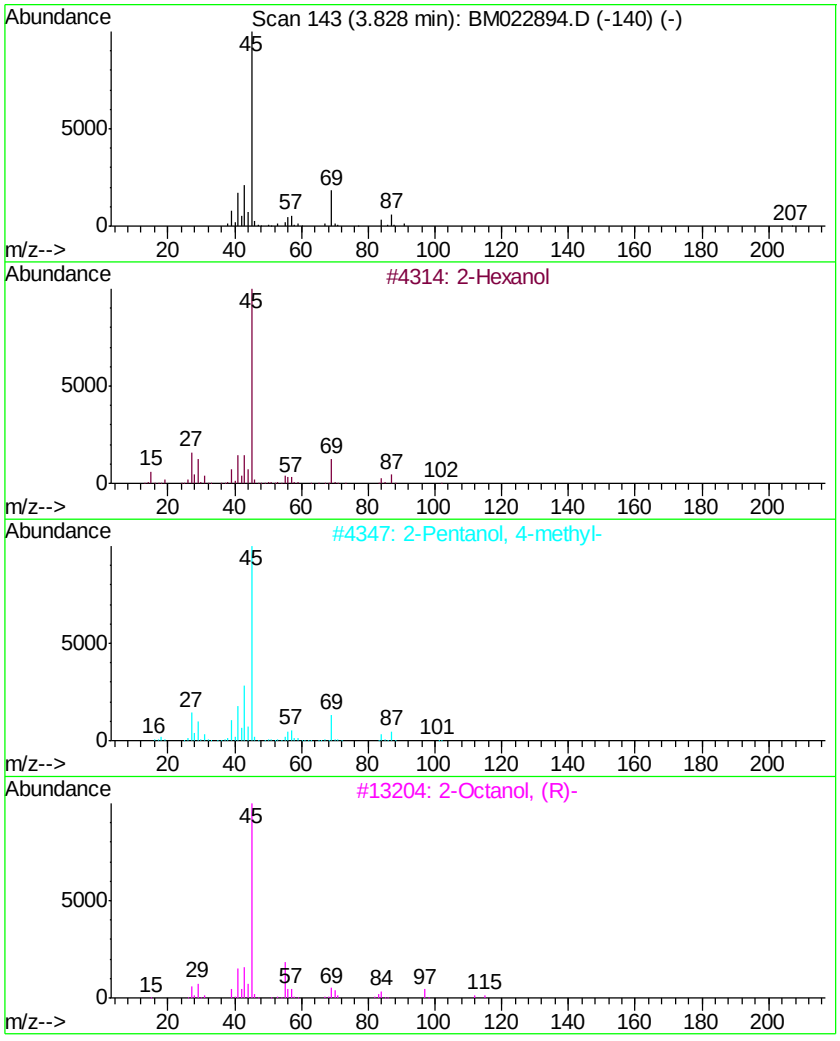
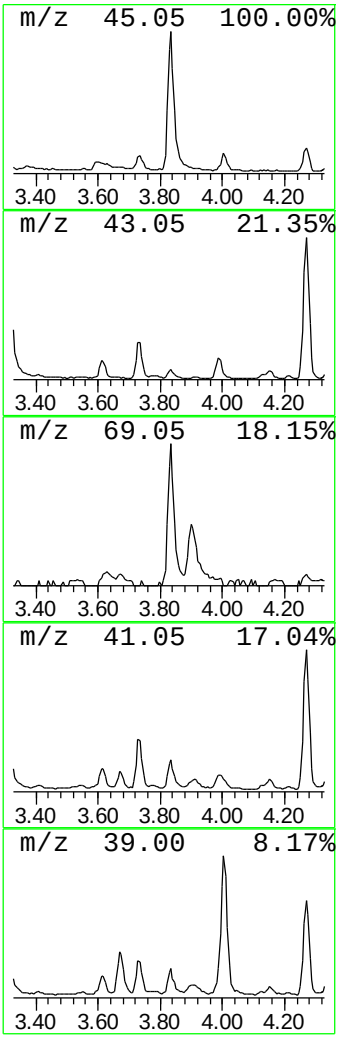
****

Peak Number 2 2-Hexanol Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	2.14 ng/ul	154369	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-Octanol, (R)-	130	C8H18O	005978-70-1	78
4	2-Octanol	130	C8H18O	000123-96-6	78
5	2-Nonanol	144	C9H20O	000628-99-9	74





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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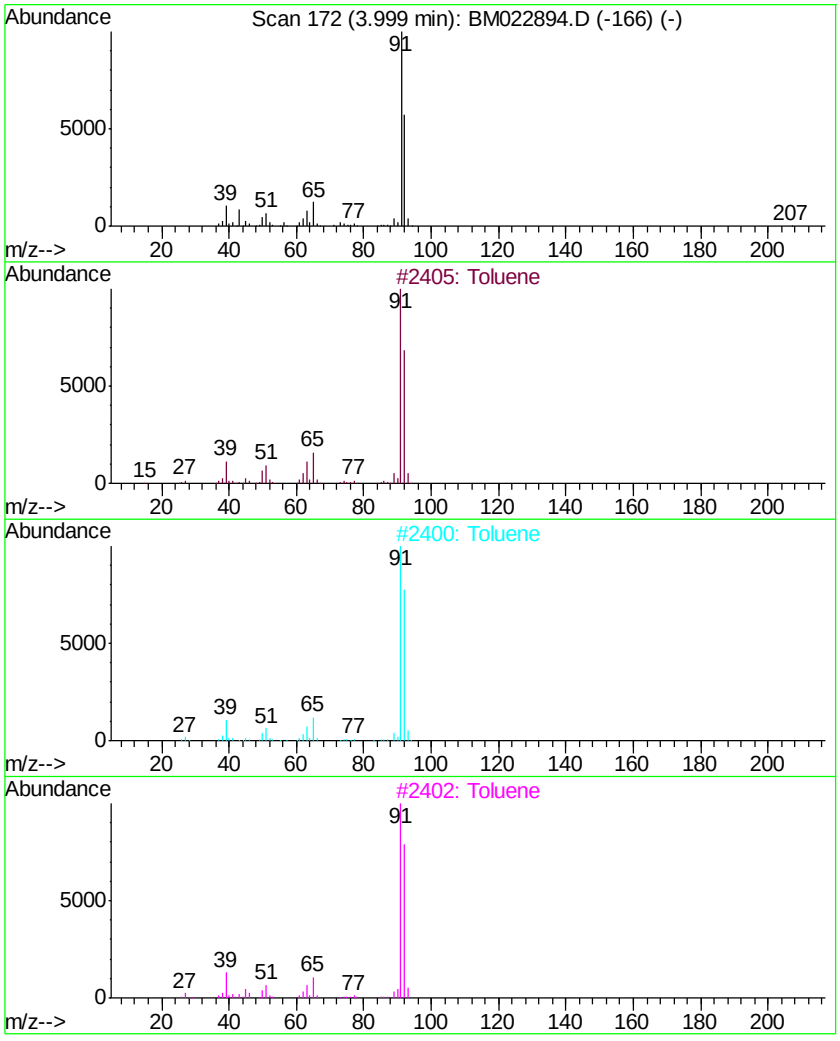
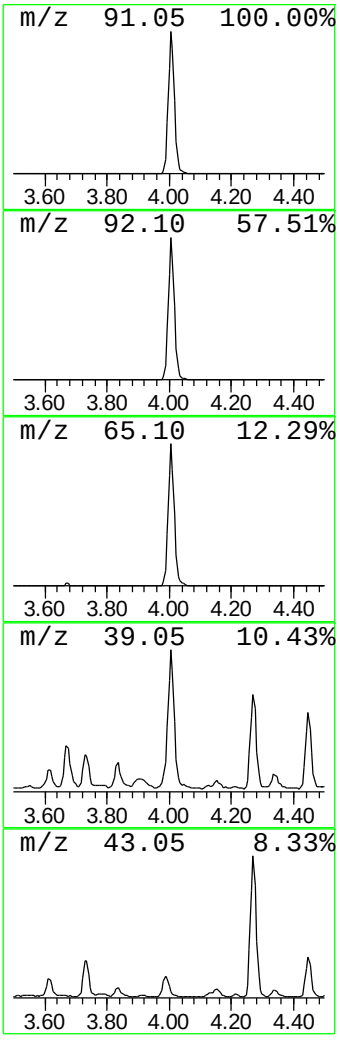
Peak Number 3 Toluene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	11.92 ng/ul	859622	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	94
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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ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
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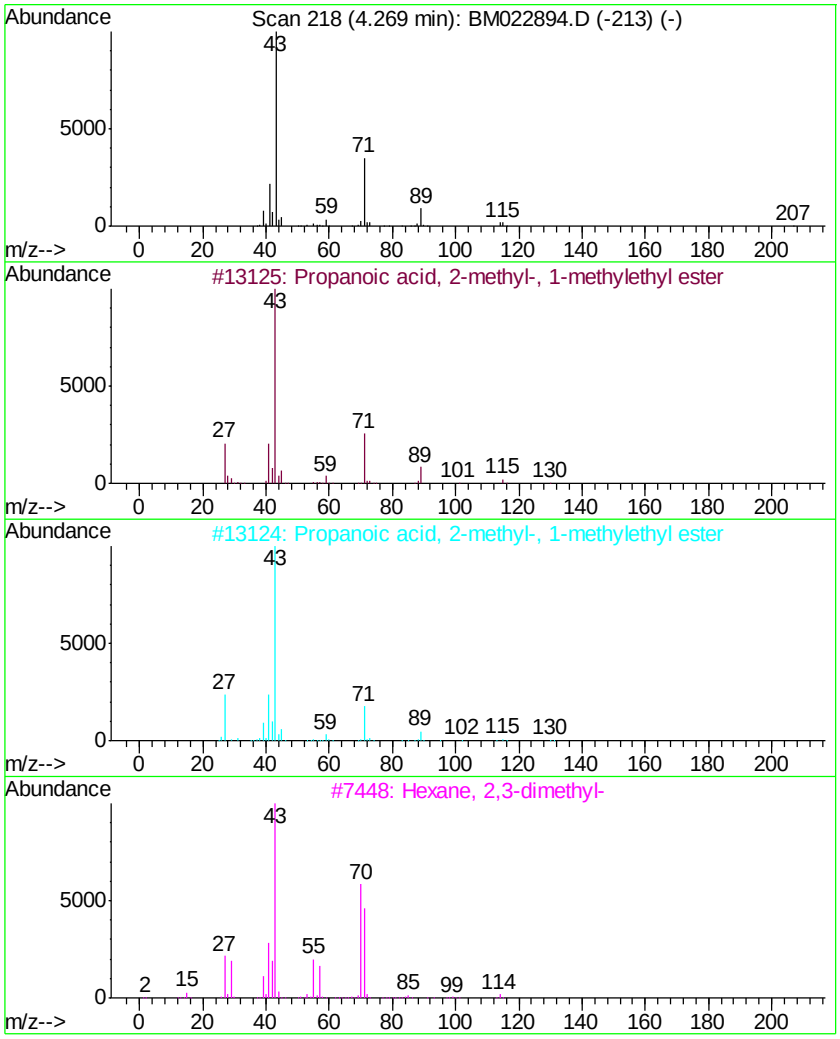
Quant Title : SVOA CALIBRATION

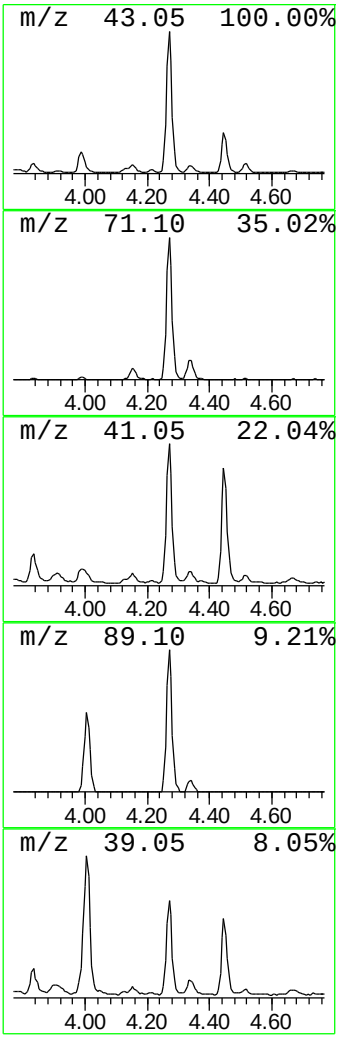
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	7.33 ng/ul	528593	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	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
5	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	40





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4

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

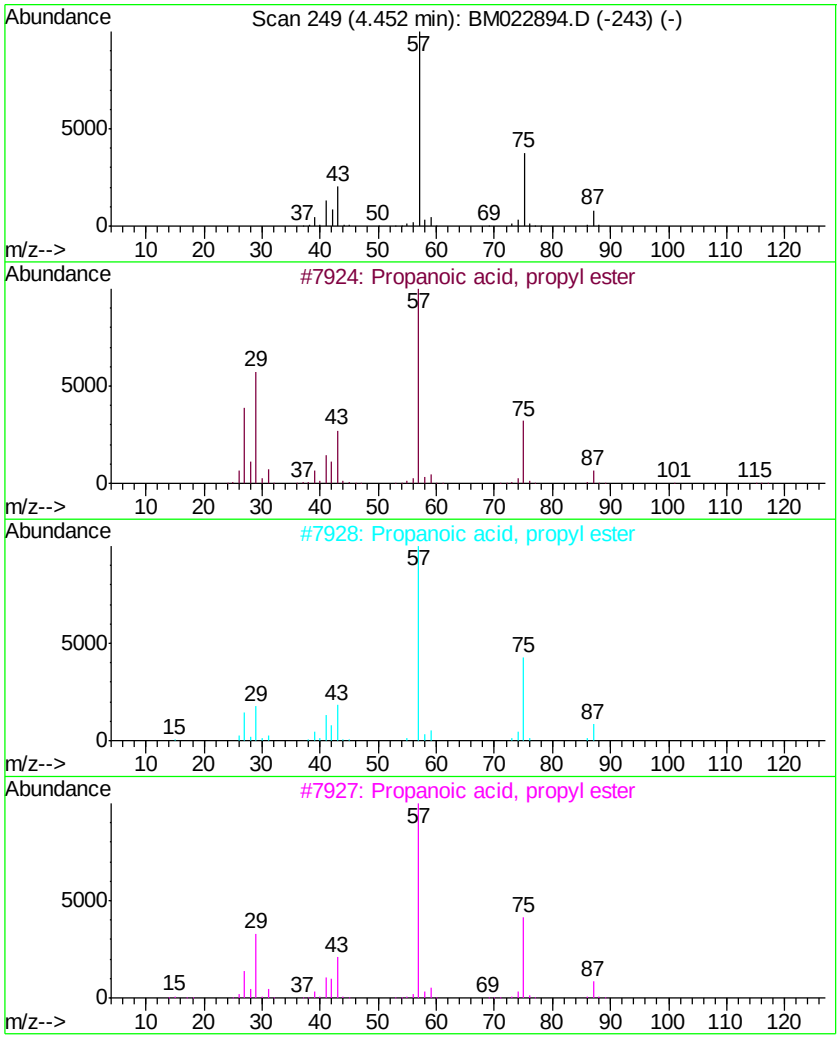
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

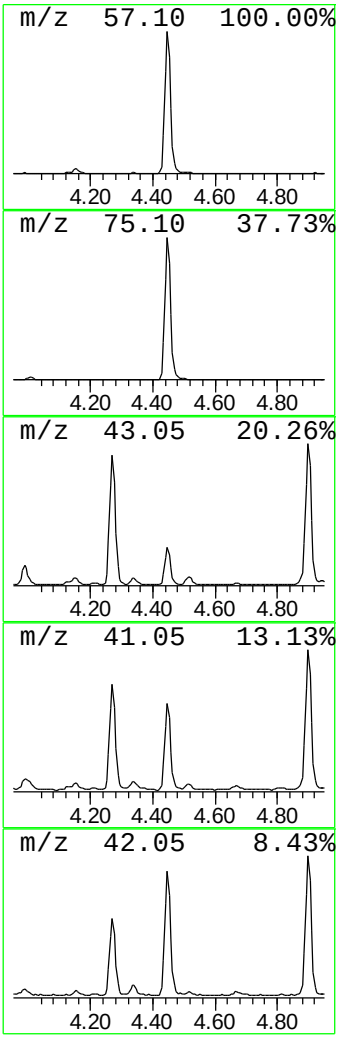
****

Peak Number 5 Propanoic acid, propyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	10.52 ng/ul	758055	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	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022894.D
Acq On : 02 Oct 2019 15:54
Operator : JU
Sample : K4983-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4

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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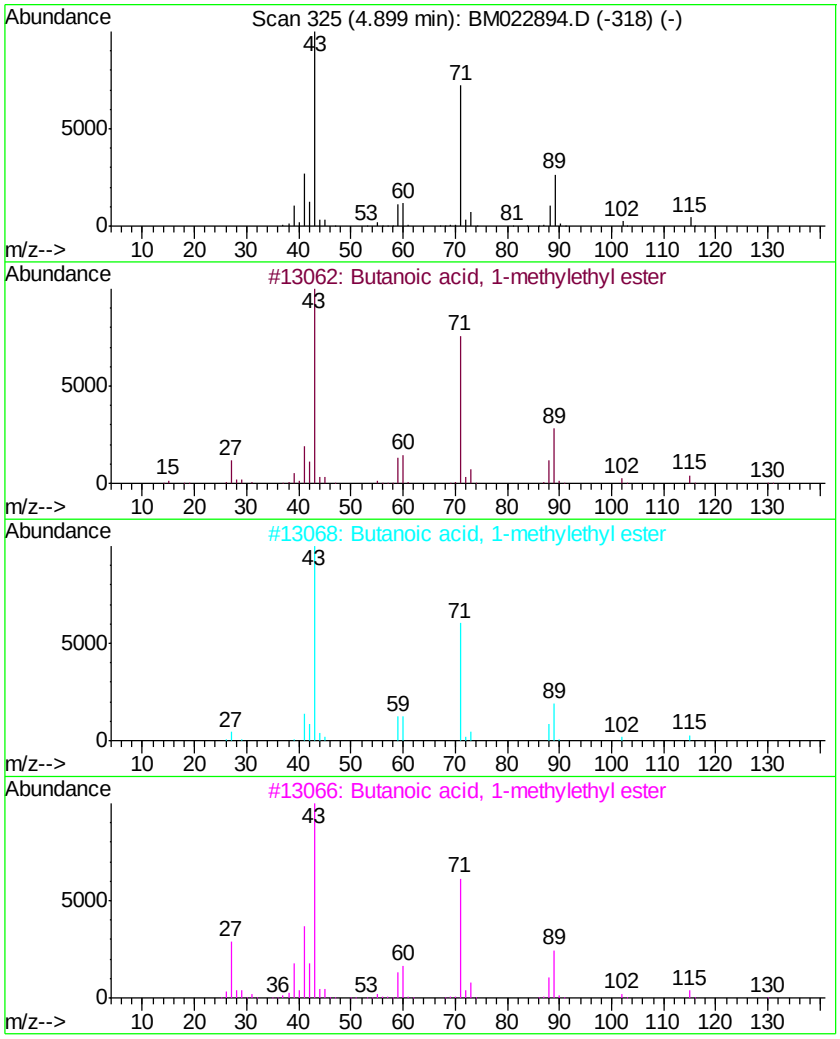
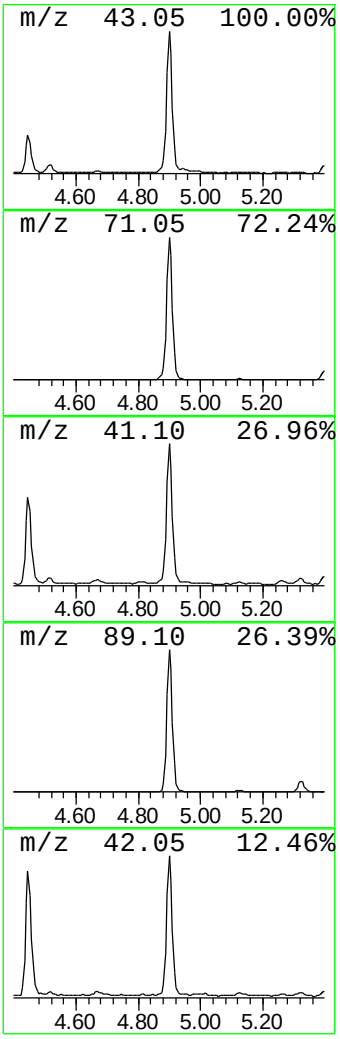
Peak Number 6 Butanoic acid, 1-methylethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	12.39 ng/ul	893409	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	86
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72





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ClientSampleId : BFDF4

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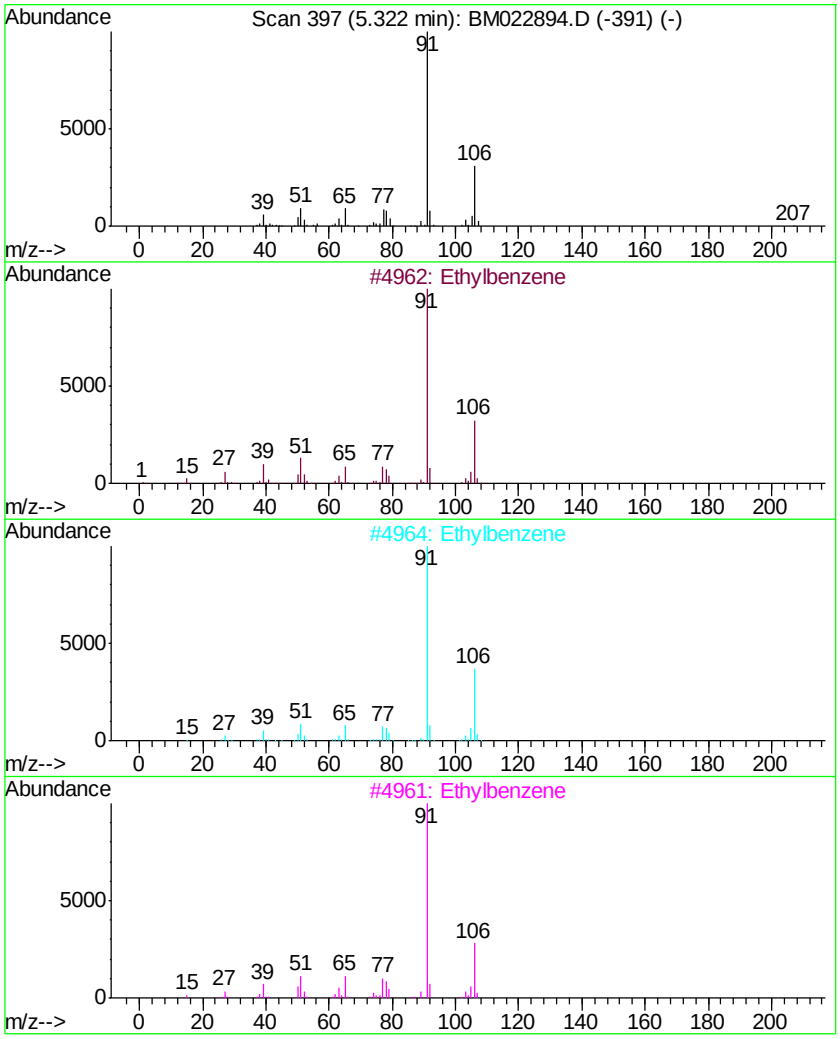
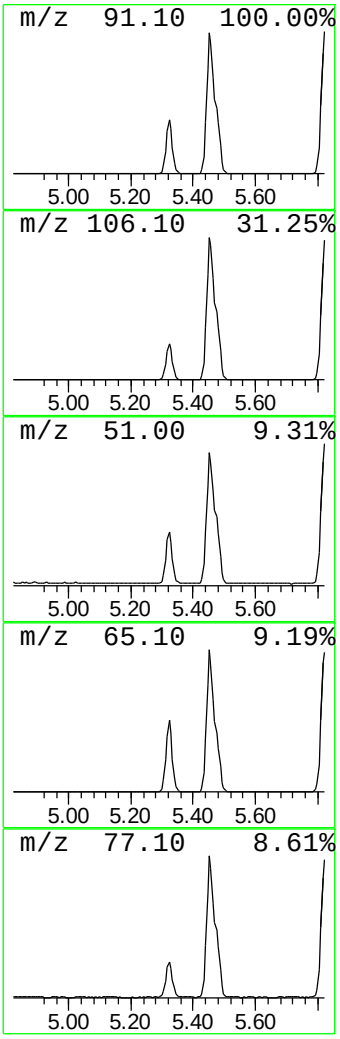
Peak Number 7 Ethylbenzene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	7.49 ng/ul	539583	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	91
3	Ethylbenzene	106	C8H10	000100-41-4	80
4	Ethylbenzene	106	C8H10	000100-41-4	76
5	o-Xylene	106	C8H10	000095-47-6	68





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ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4

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Quant Title : SVOA CALIBRATION

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

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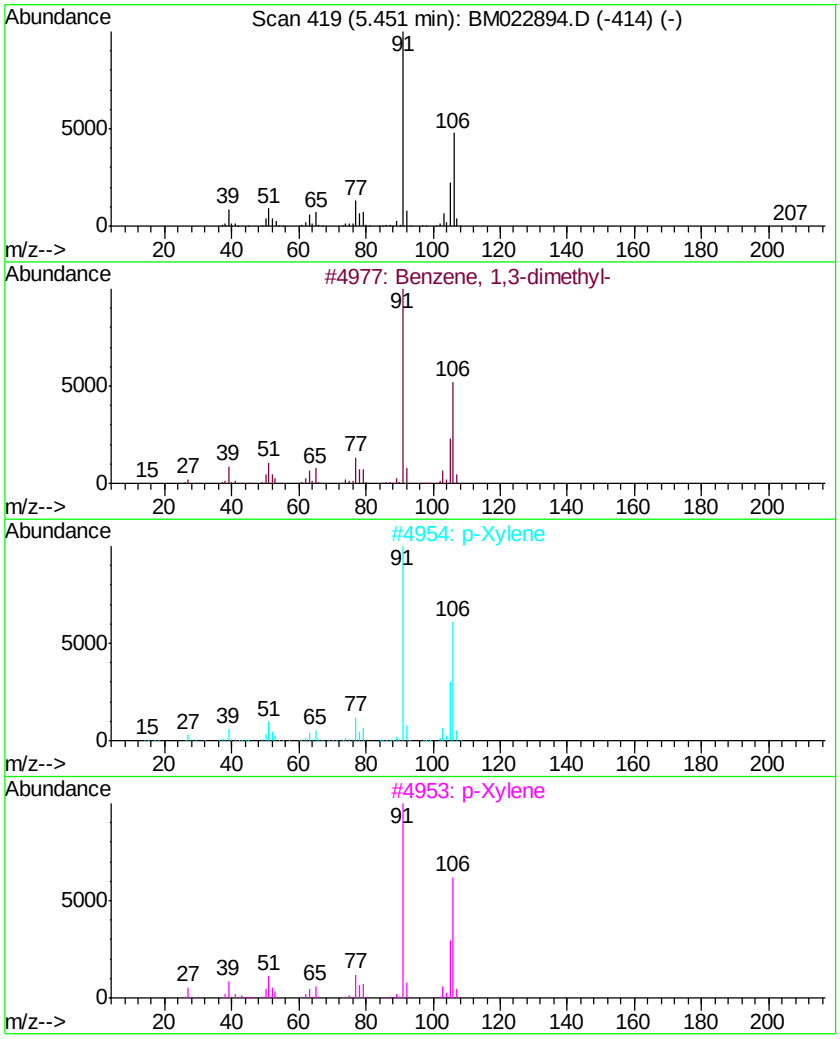
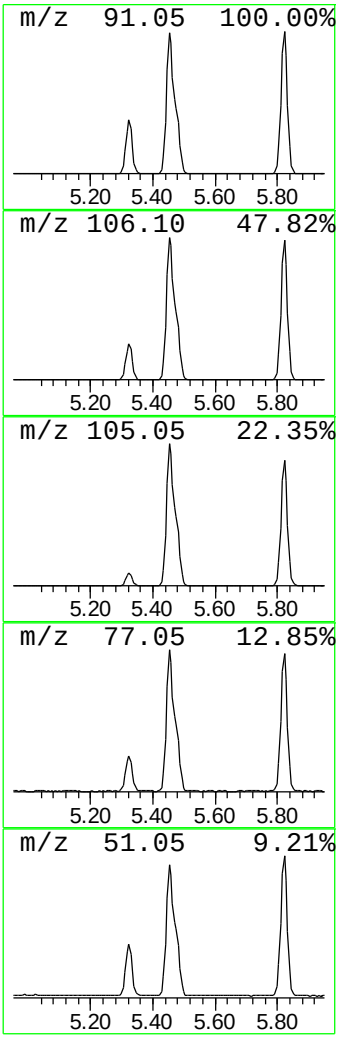
Peak Number 8 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	32.23 ng/ul	2323720	1,4-Dichlorobenzene-d4	7.80

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





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Instrument : BNA_M
ClientSampleId : BFDF4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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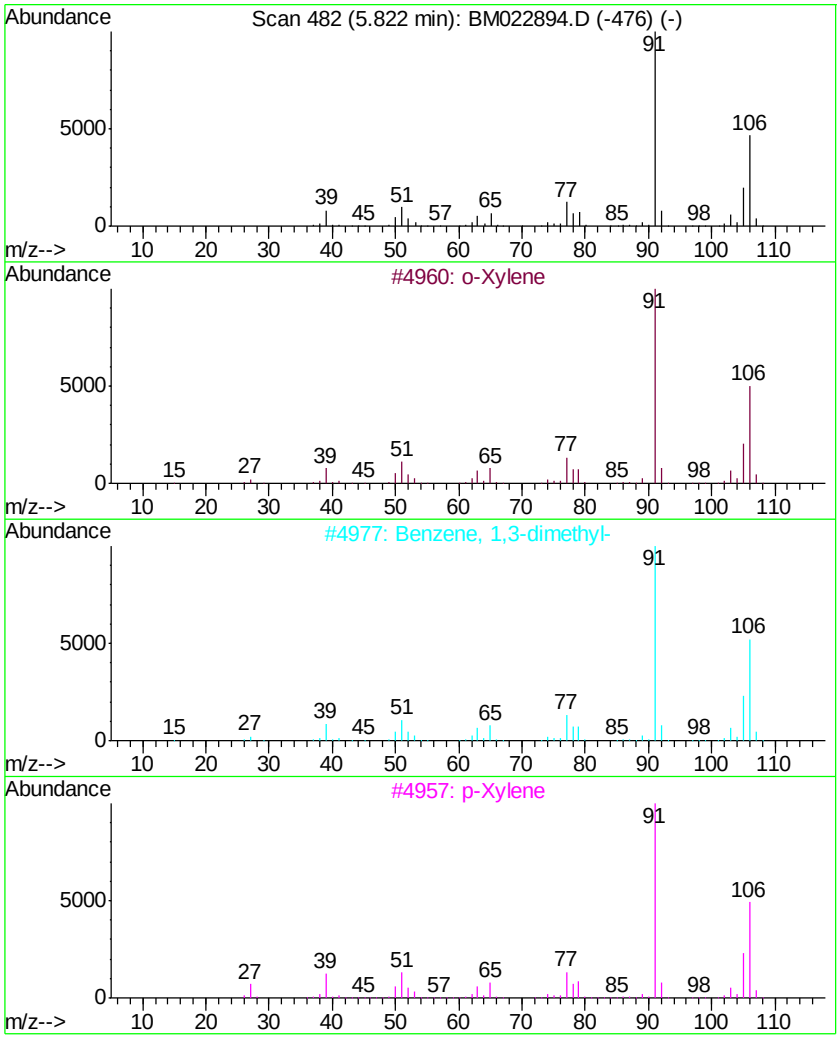
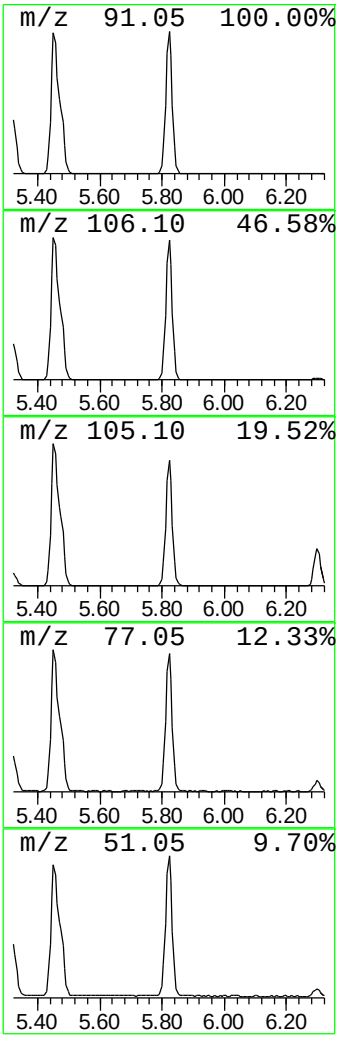
Peak Number 9 o-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	23.72 ng/ul	1709900	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	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	95
5	o-Xylene	106	C8H10	000095-47-6	94





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ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4

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Quant Title : SVOA CALIBRATION

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

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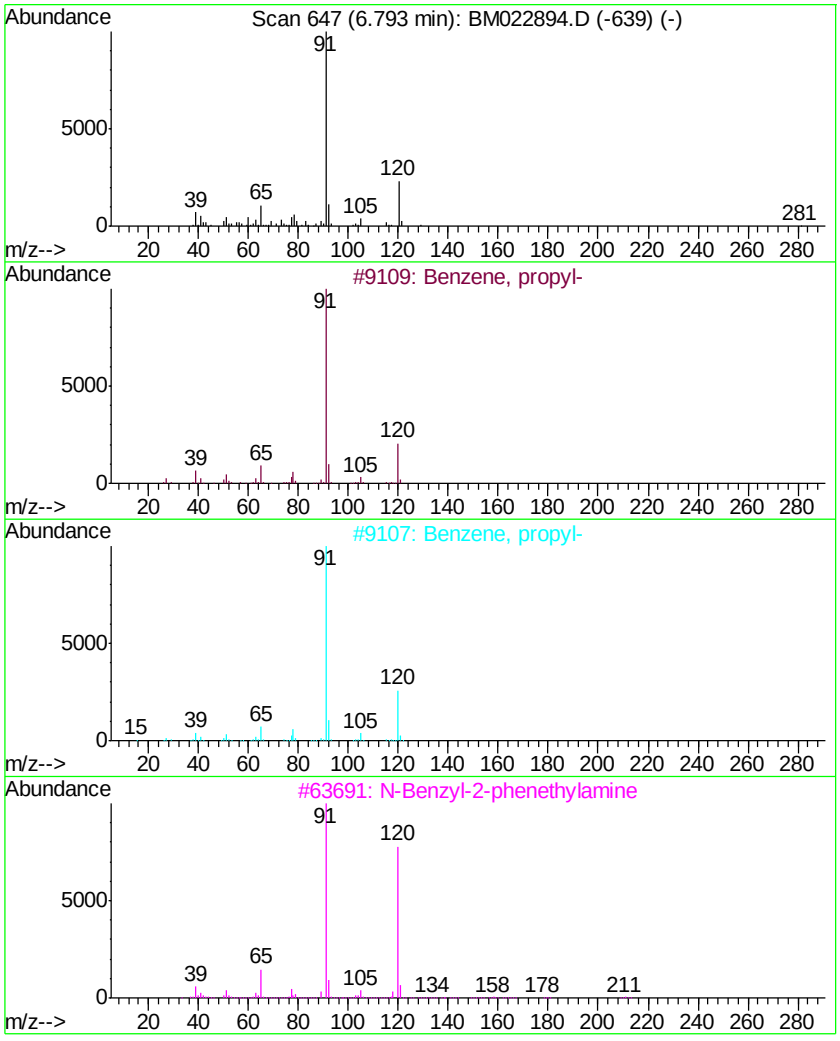
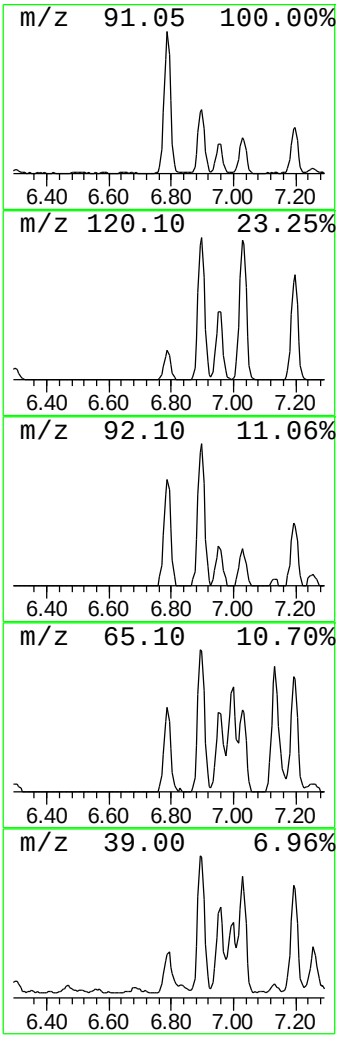
Peak Number 10 Benzene, propyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	3.52 ng/ul	253873	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





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Quant Title : SVOA CALIBRATION

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

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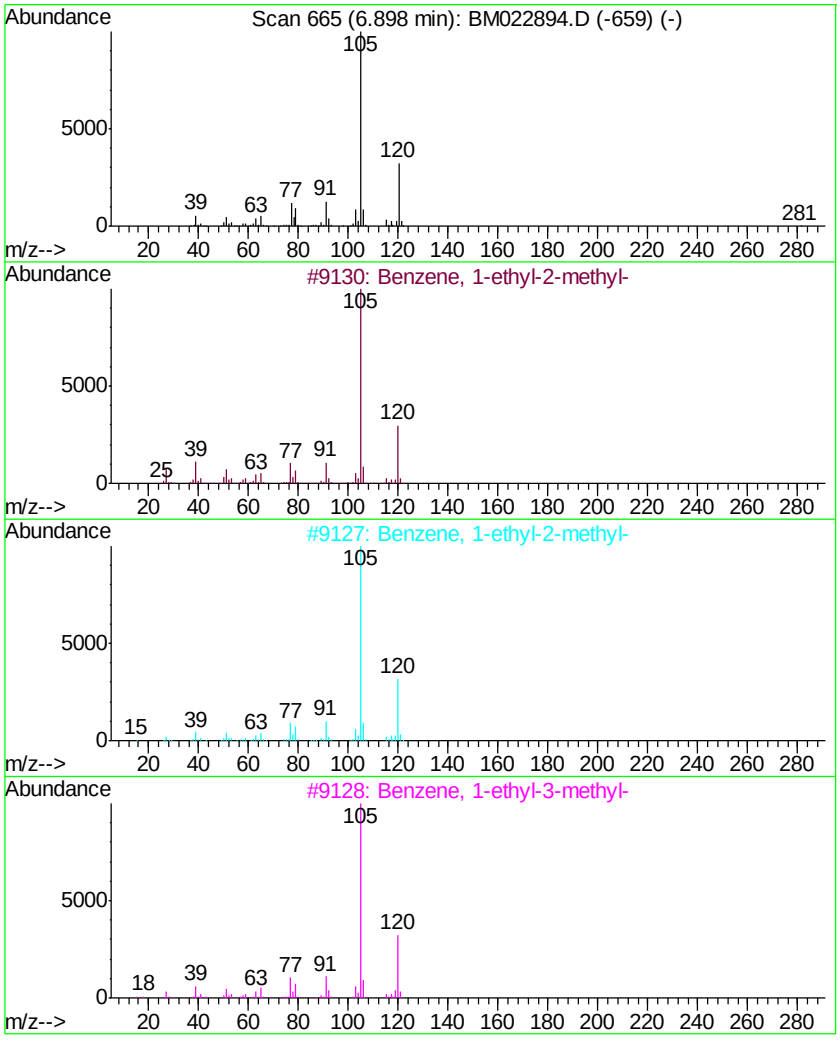
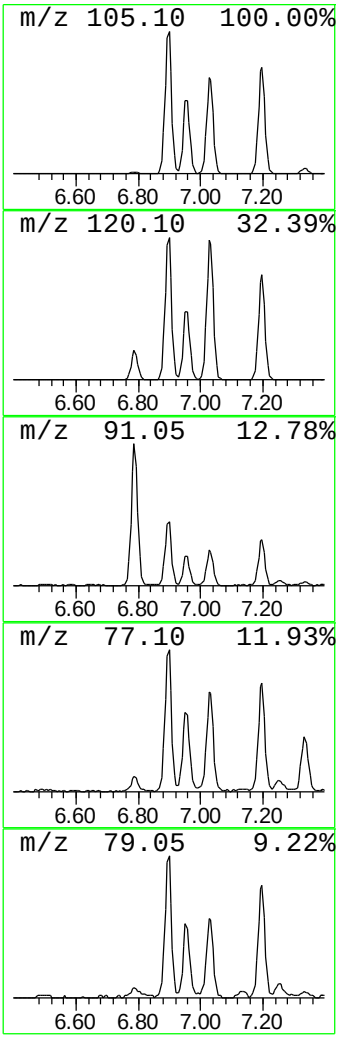
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	12.48 ng/ul	899611	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	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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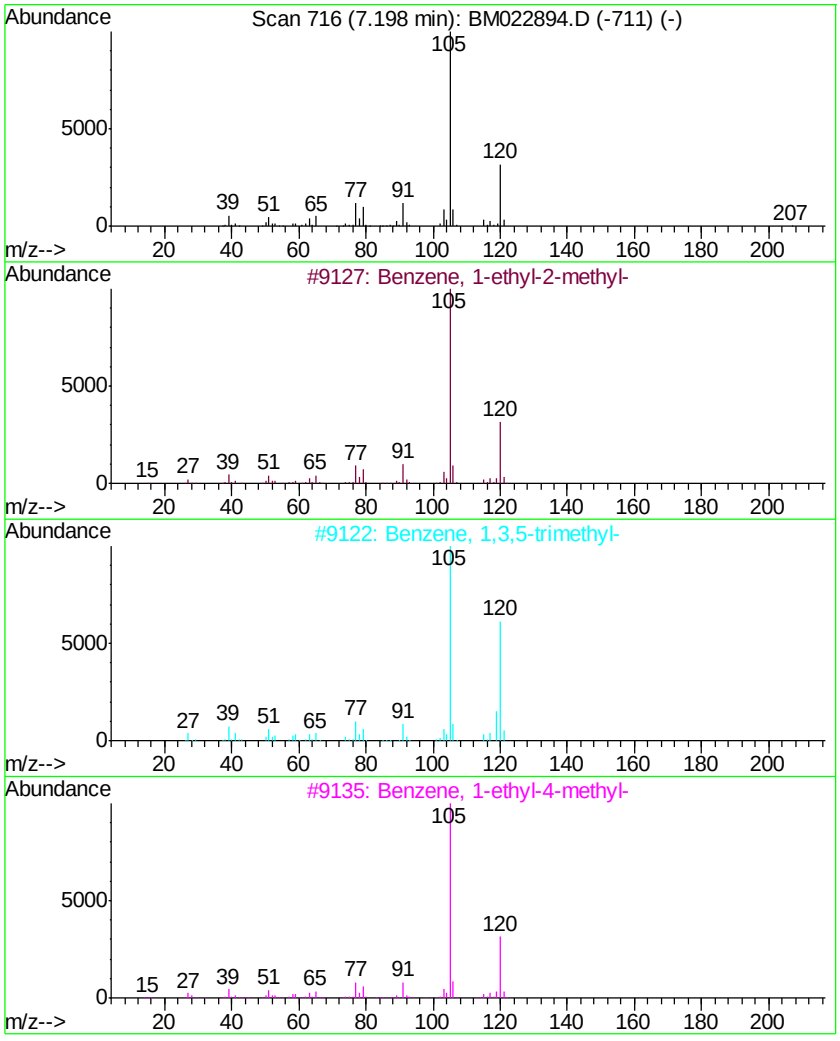
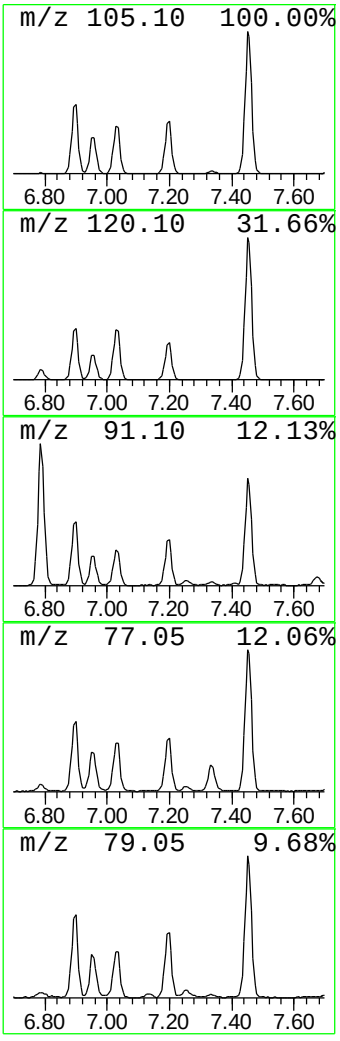
Peak Number 12 Benzene, 1,3,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	9.86 ng/ul	710938	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, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Quant Title : SVOA CALIBRATION

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

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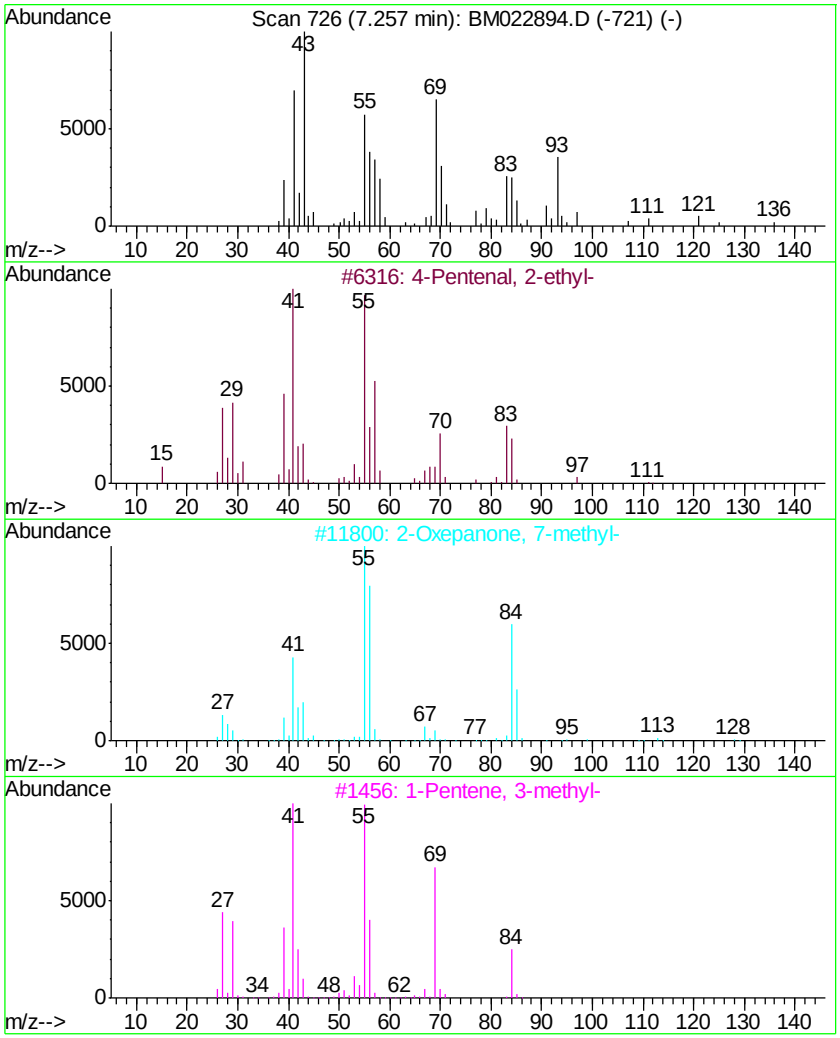
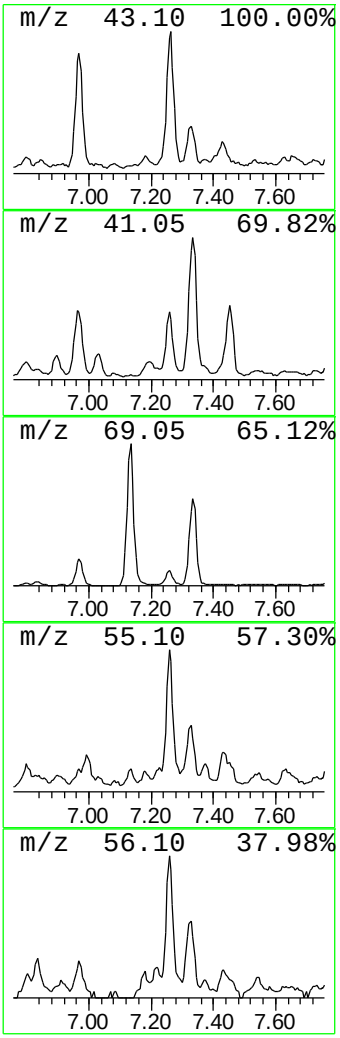
Peak Number 13 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	3.06 ng/ul	220934	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pentenal, 2-ethyl-	112	C7H12O	005204-80-8	27
2	2-Oxepanone, 7-methyl-	128	C7H12O2	002549-59-9	22
3	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	18
4	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	18
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	14





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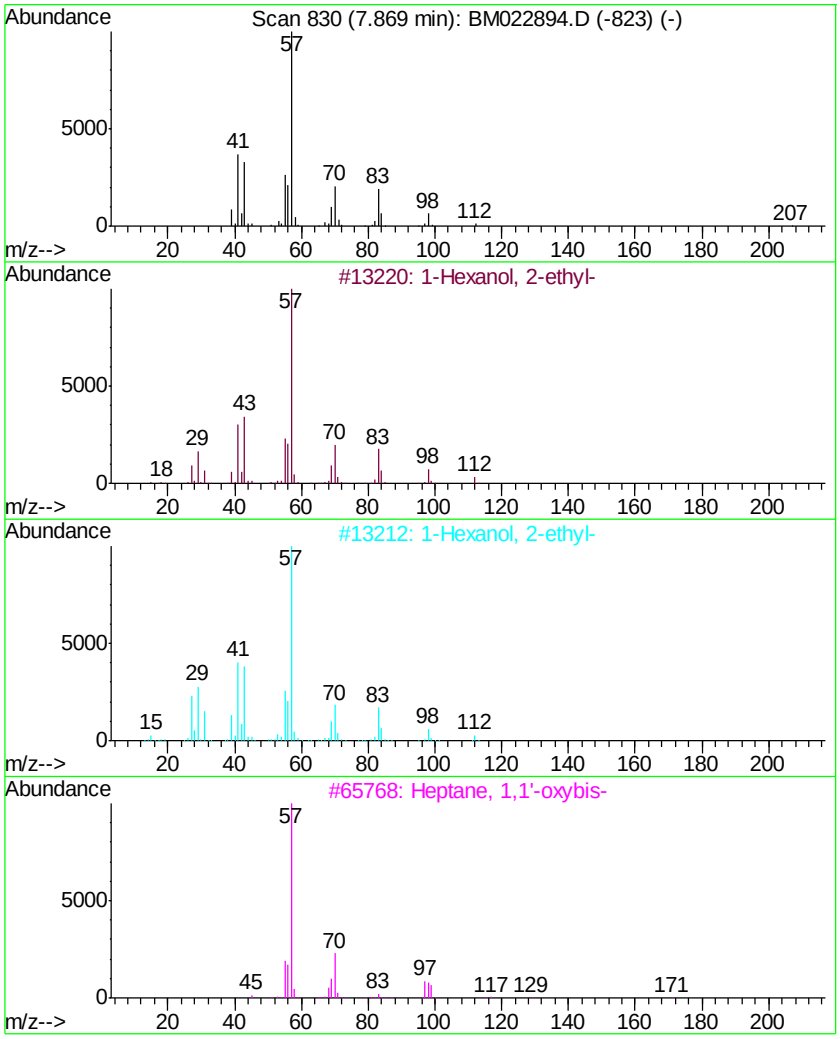
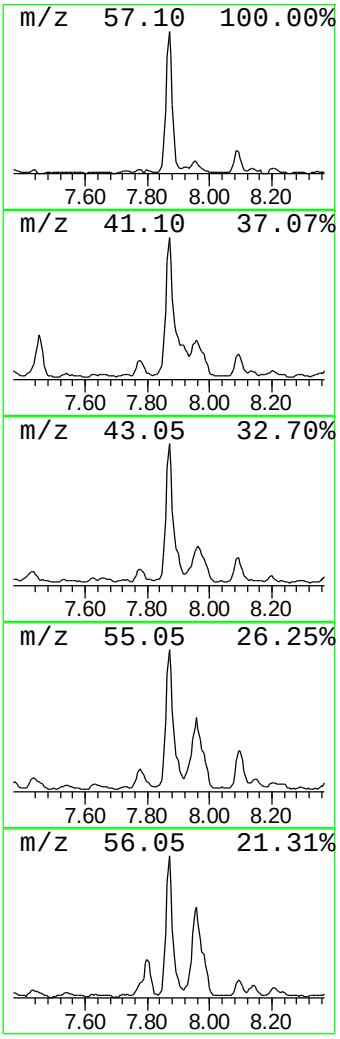
Peak Number 15 1-Hexanol, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	10.11 ng/ul	728585	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	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
5	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	53





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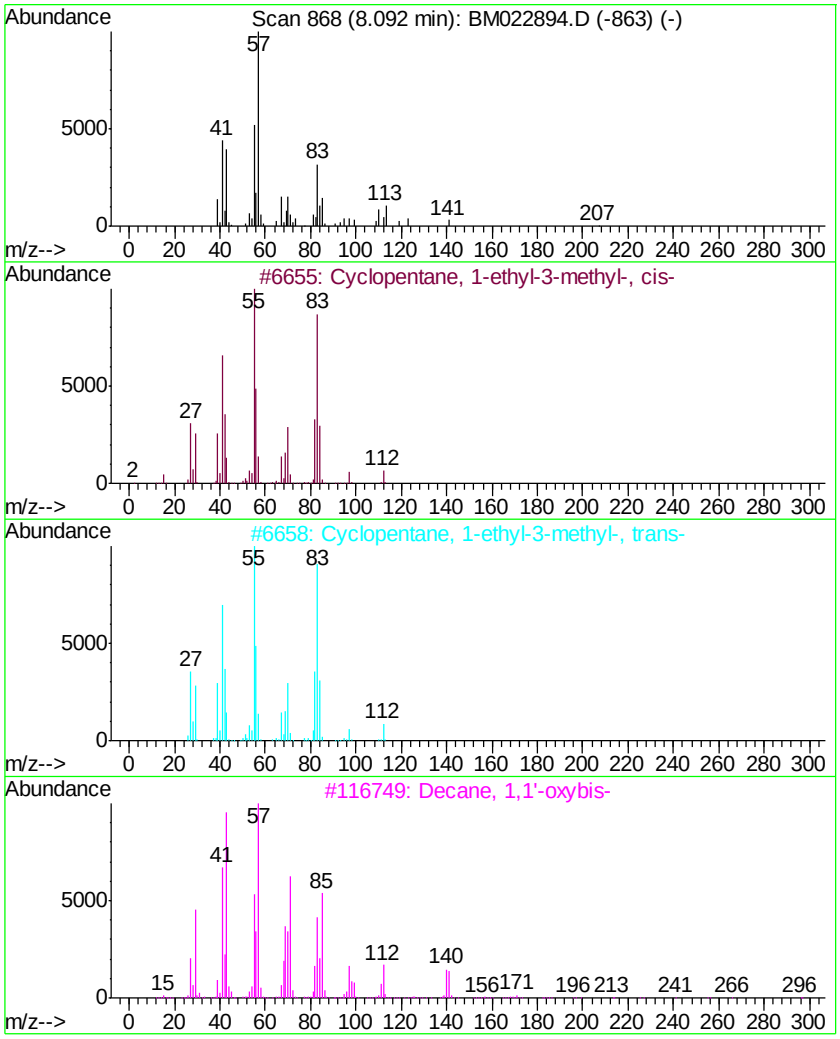
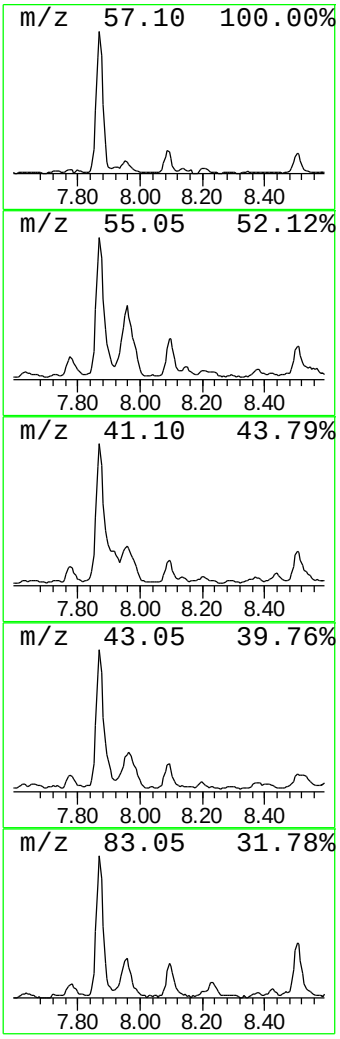
Peak Number 17 unknown-02 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	2.13 ng/ul	153215	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	38
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	35
3	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	35
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	35
5	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	35





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Quant Title : SVOA CALIBRATION

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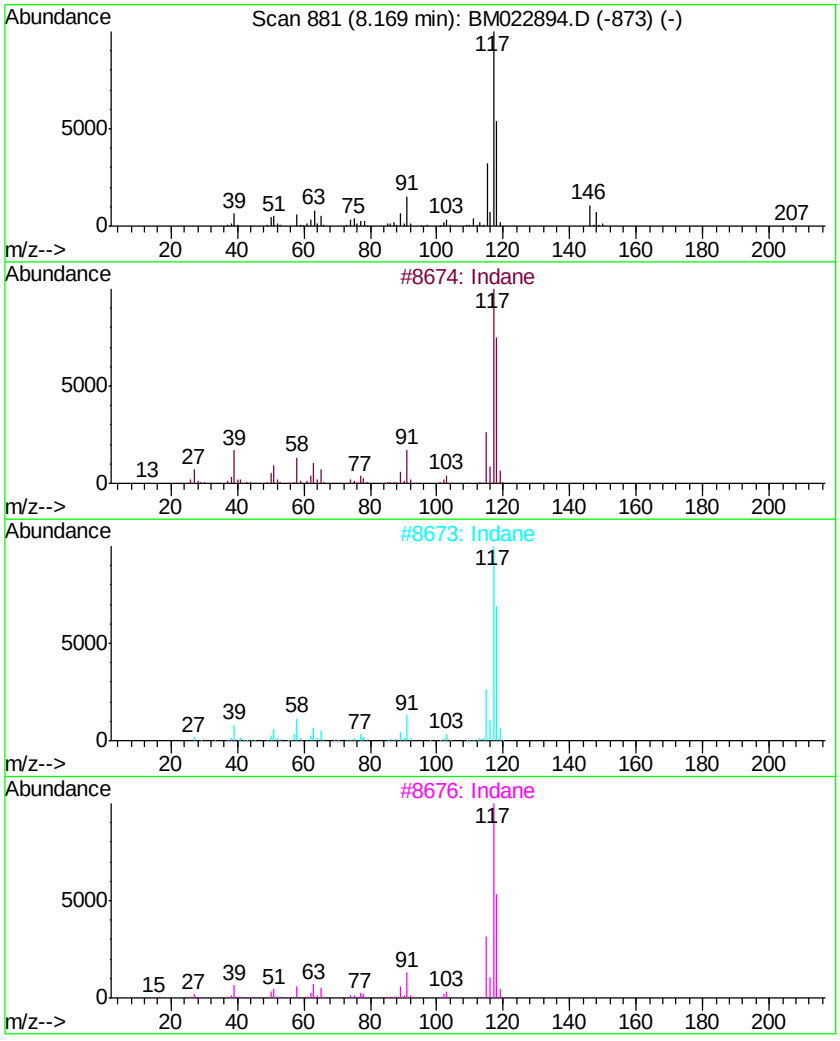
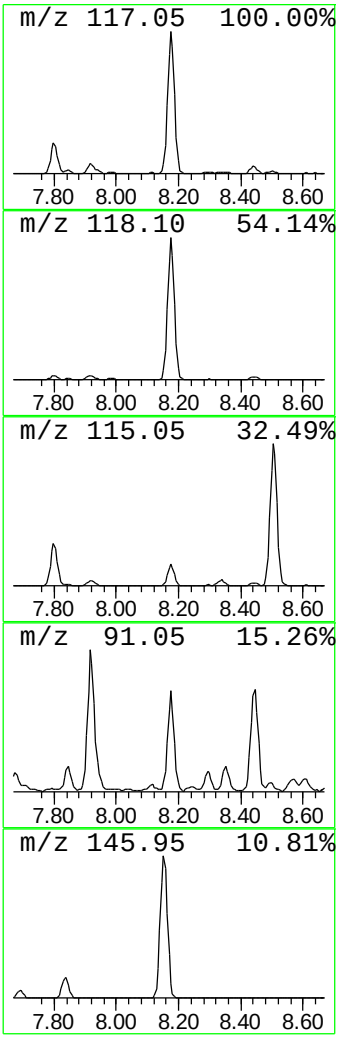
Peak Number 18 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	11.64 ng/ul	838885	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	74
2	Indane	118	C9H10	000496-11-7	74
3	Indane	118	C9H10	000496-11-7	74
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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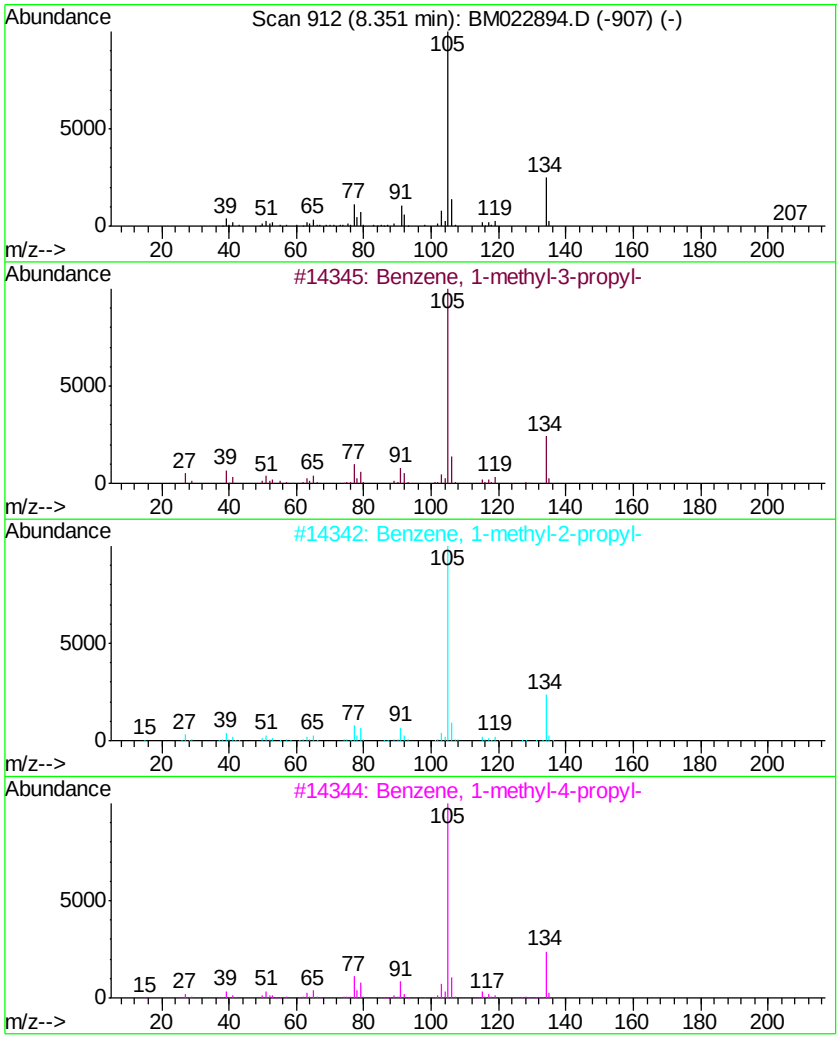
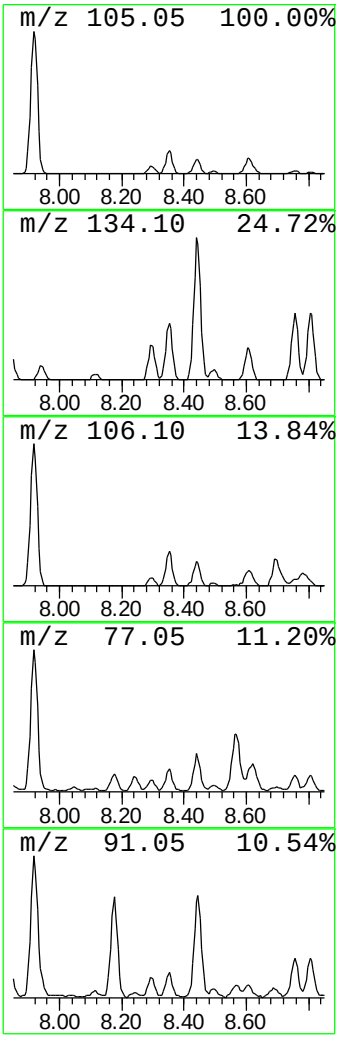
Peak Number 19 Benzene, 1-methyl-3-propyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	3.04 ng/ul	219454	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91





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Acq On : 02 Oct 2019 15:54
Operator : JU
Sample : K4983-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4

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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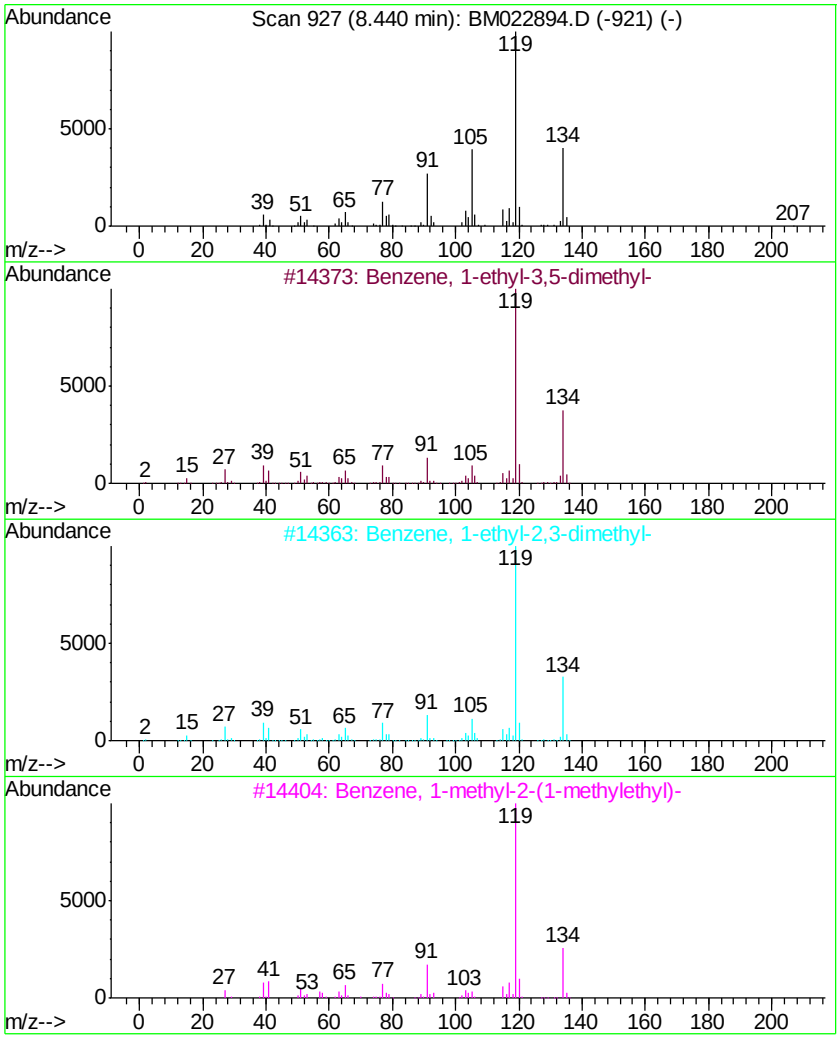
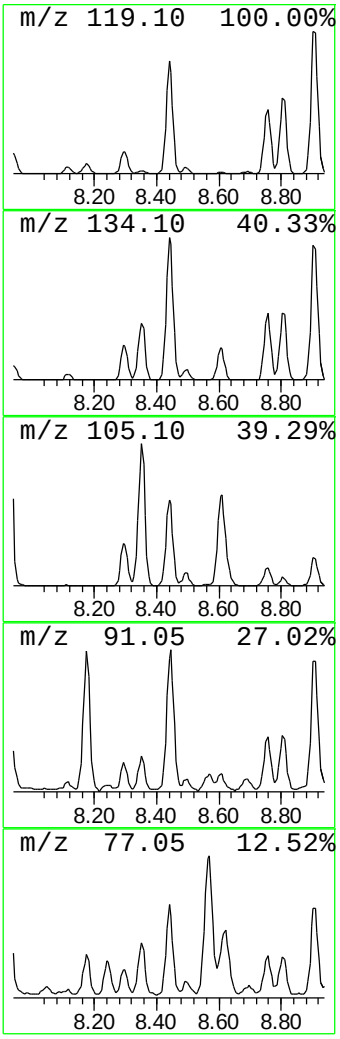
Peak Number 20 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	5.54 ng/ul	399553	1,4-Dichlorobenzene-d4	7.80

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





Library Search Compound Report

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Data File : BM022894.D
Acq On : 02 Oct 2019 15:54
Operator : JU
Sample : K4983-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4

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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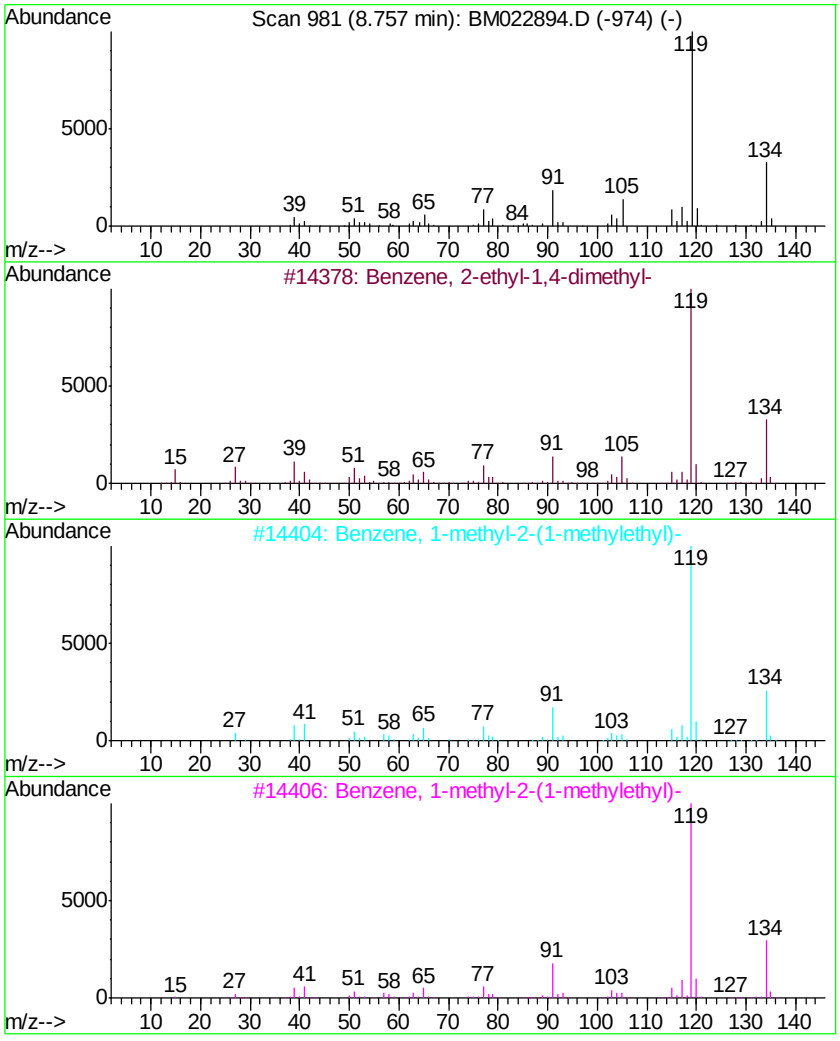
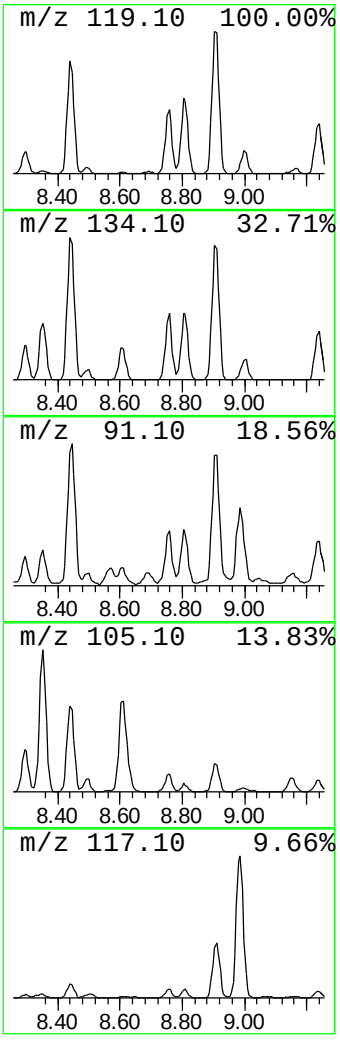
Peak Number 21 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	2.56 ng/ul	184681	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	97
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Acq On : 02 Oct 2019 15:54
Operator : JU
Sample : K4983-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4

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

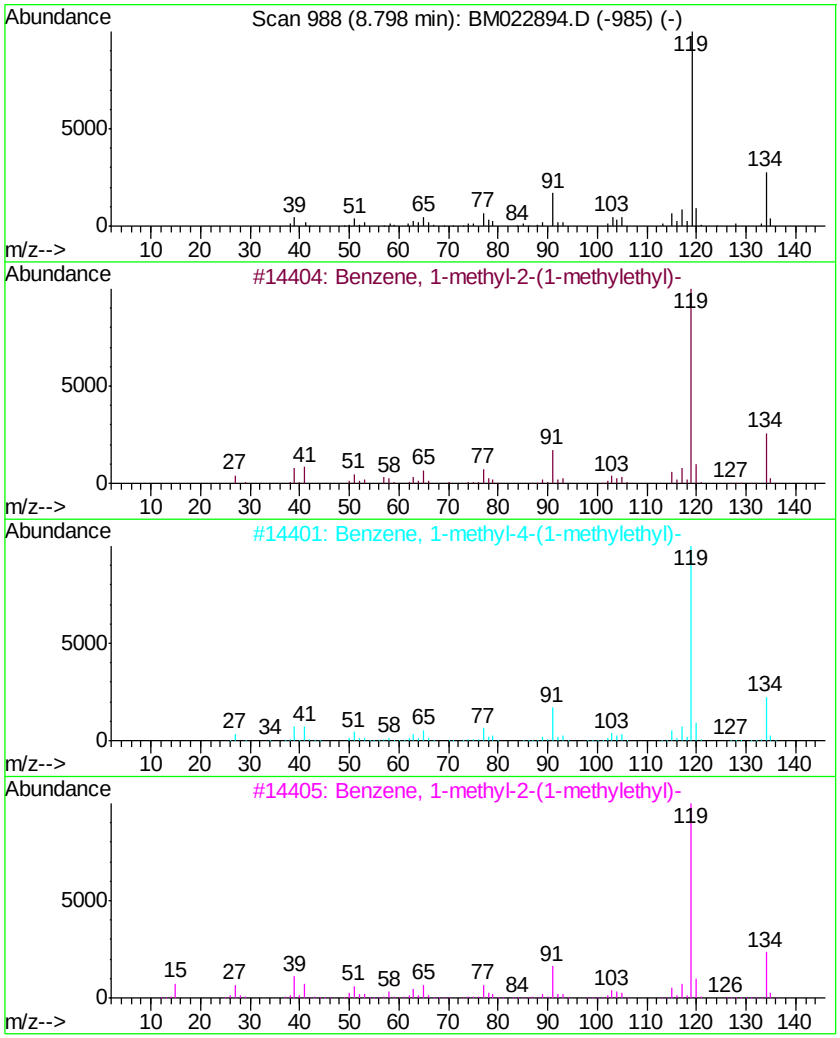
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

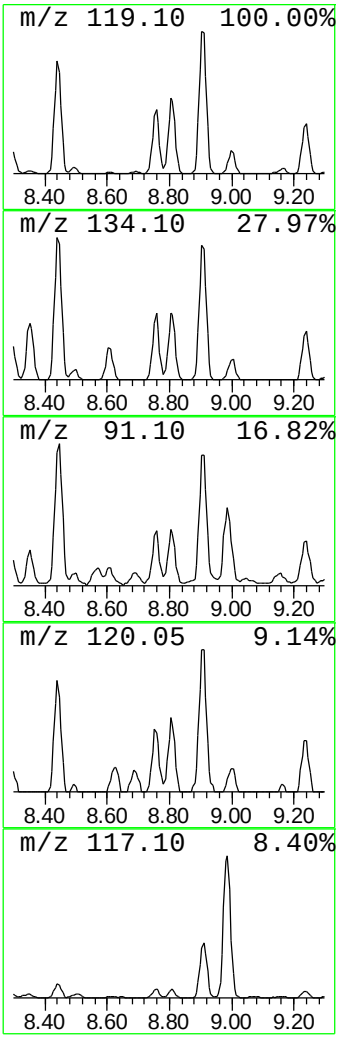
****

Peak Number 22 Benzene, 1-methyl-2-(1-meth... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	2.61 ng/ul	188094	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





Library Search Compound Report

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Acq On : 02 Oct 2019 15:54
Operator : JU
Sample : K4983-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4

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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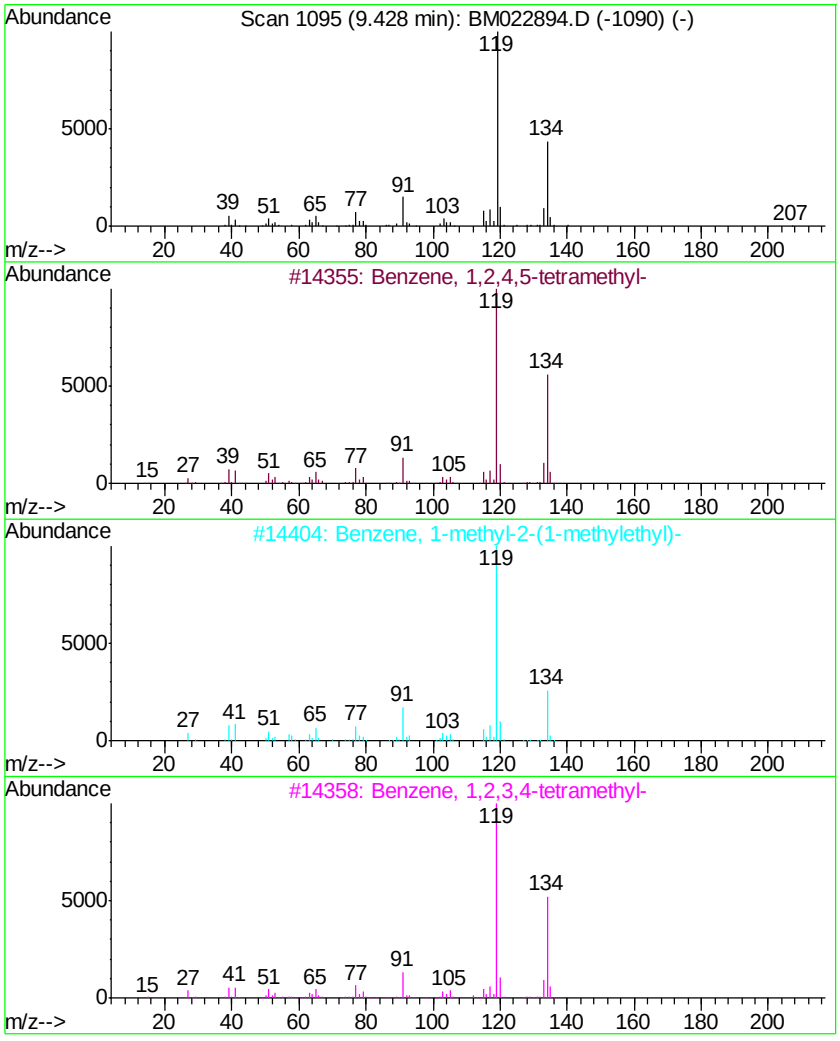
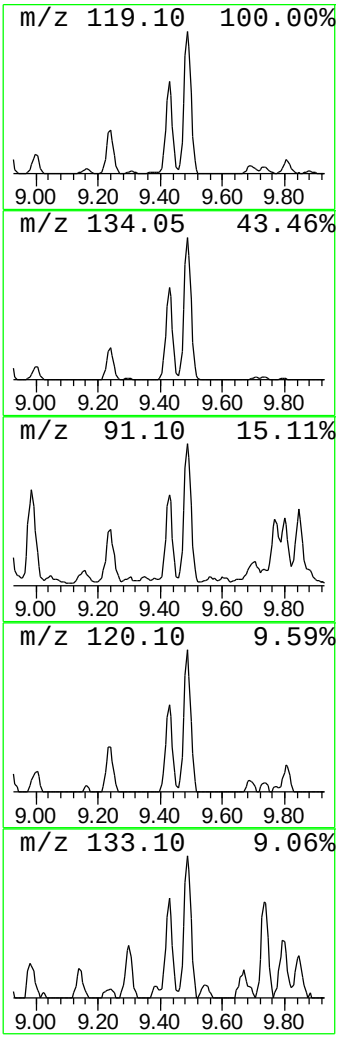
Peak Number 23 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	2.43 ng/ul	284457	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-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





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Acq On : 02 Oct 2019 15:54
Operator : JU
Sample : K4983-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4

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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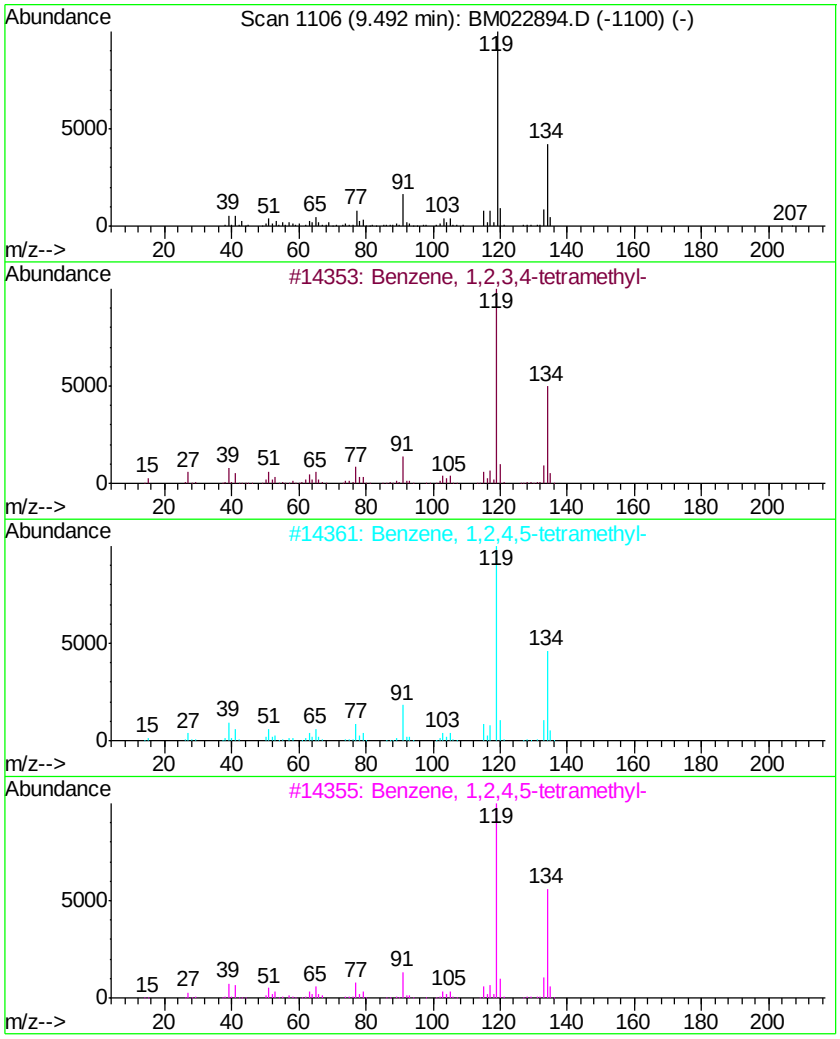
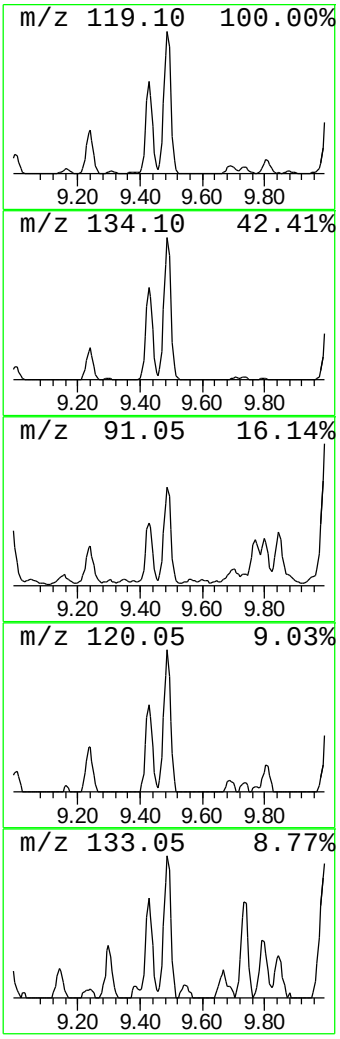
Peak Number 24 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	4.26 ng/ul	499036	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Library Search Compound Report

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Acq On : 02 Oct 2019 15:54
Operator : JU
Sample : K4983-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4

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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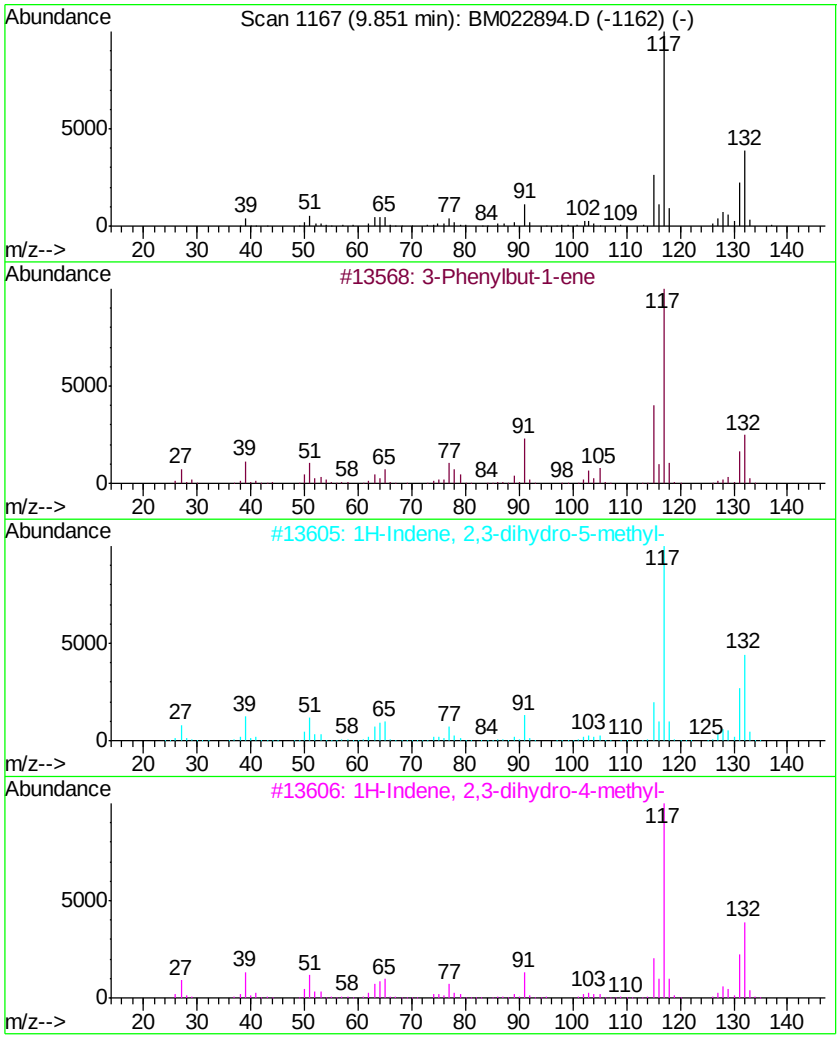
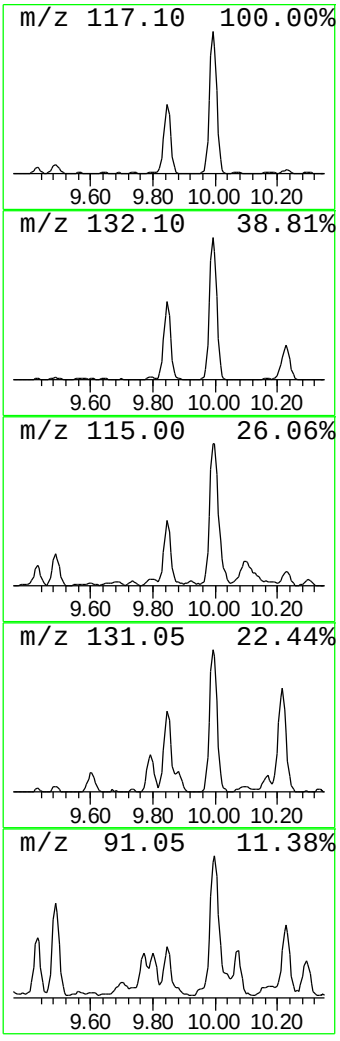
Peak Number 25 3-Phenylbut-1-ene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.89 ng/ul	339149	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-5-methyl-	132	C10H12	000874-35-1	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86





Library Search Compound Report

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Acq On : 02 Oct 2019 15:54
Operator : JU
Sample : K4983-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4

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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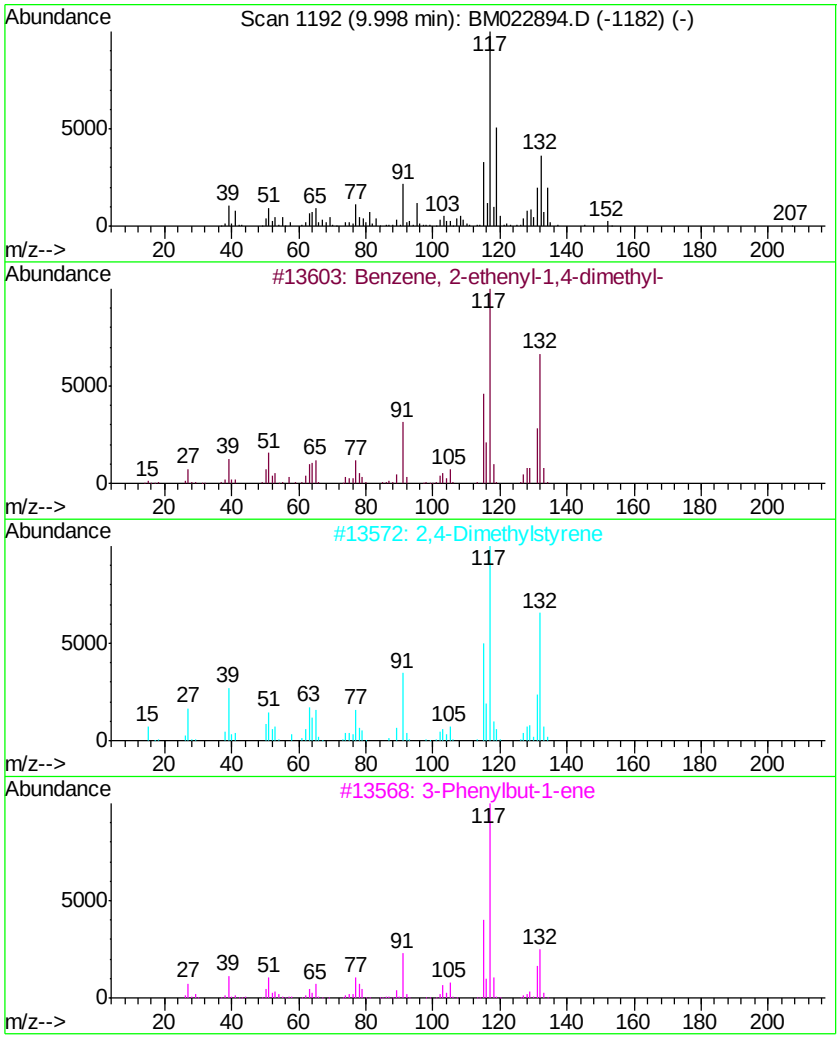
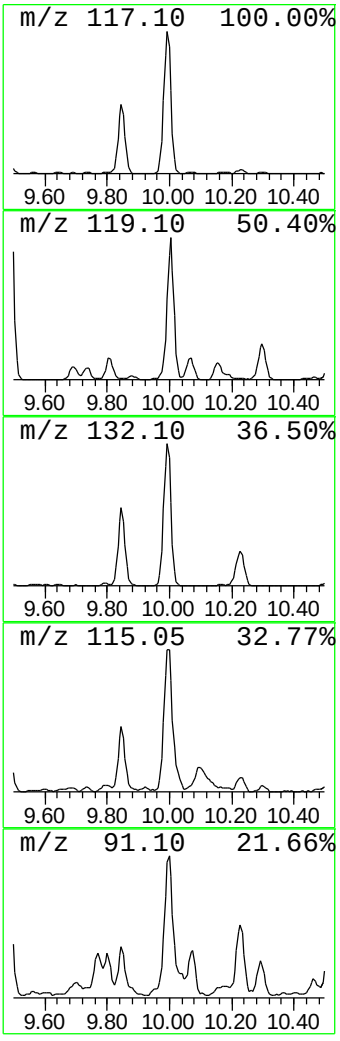
Peak Number 26 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	13.81 ng/ul	1618900	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Library Search Compound Report

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Operator : JU
Sample : K4983-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4

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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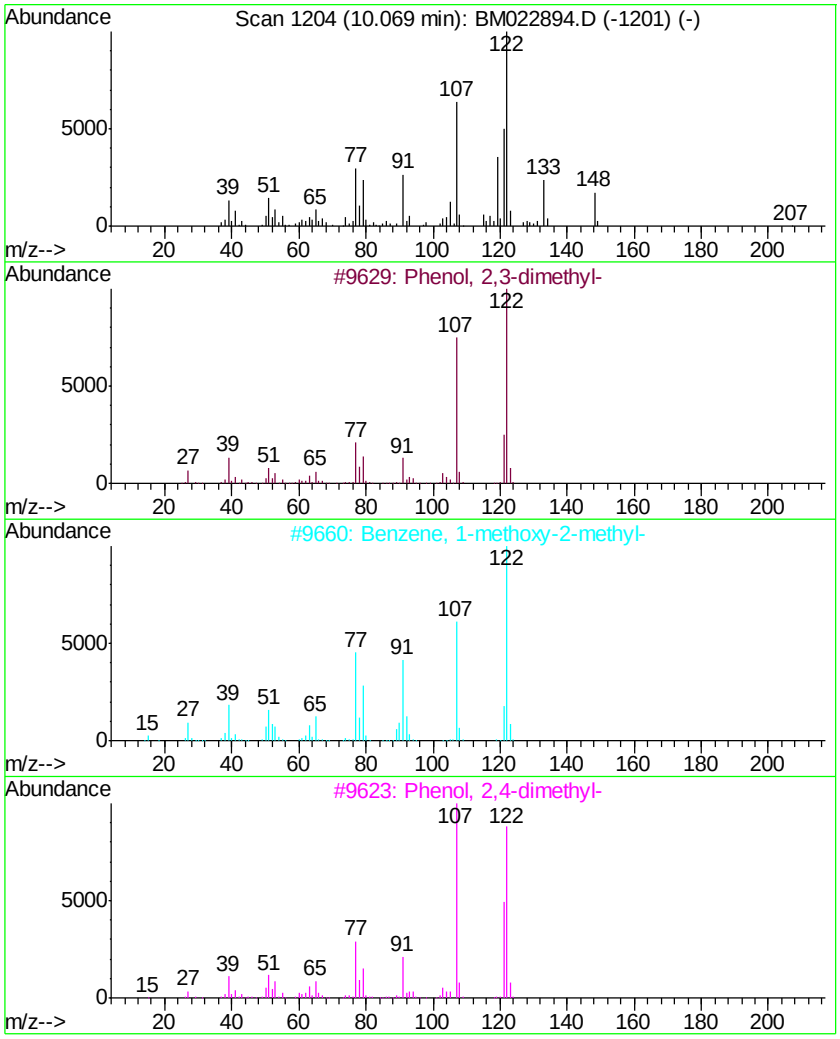
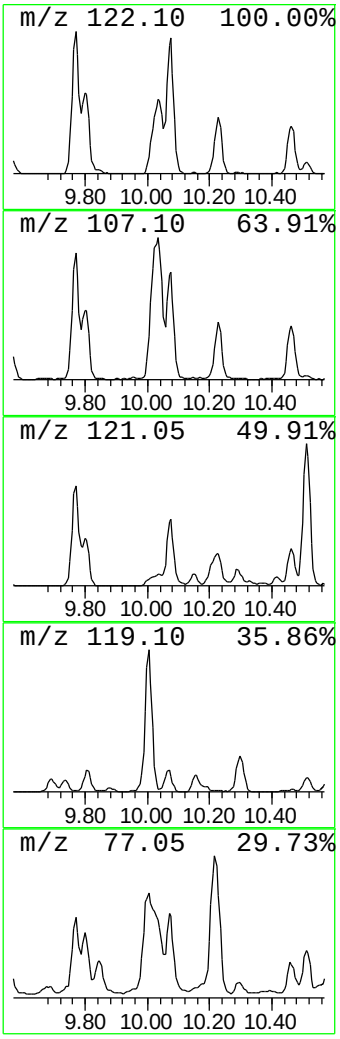
Peak Number 27 Phenol, 2,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	3.02 ng/ul	354418	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	70
2	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	64
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	62
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	62
5	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	58





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4

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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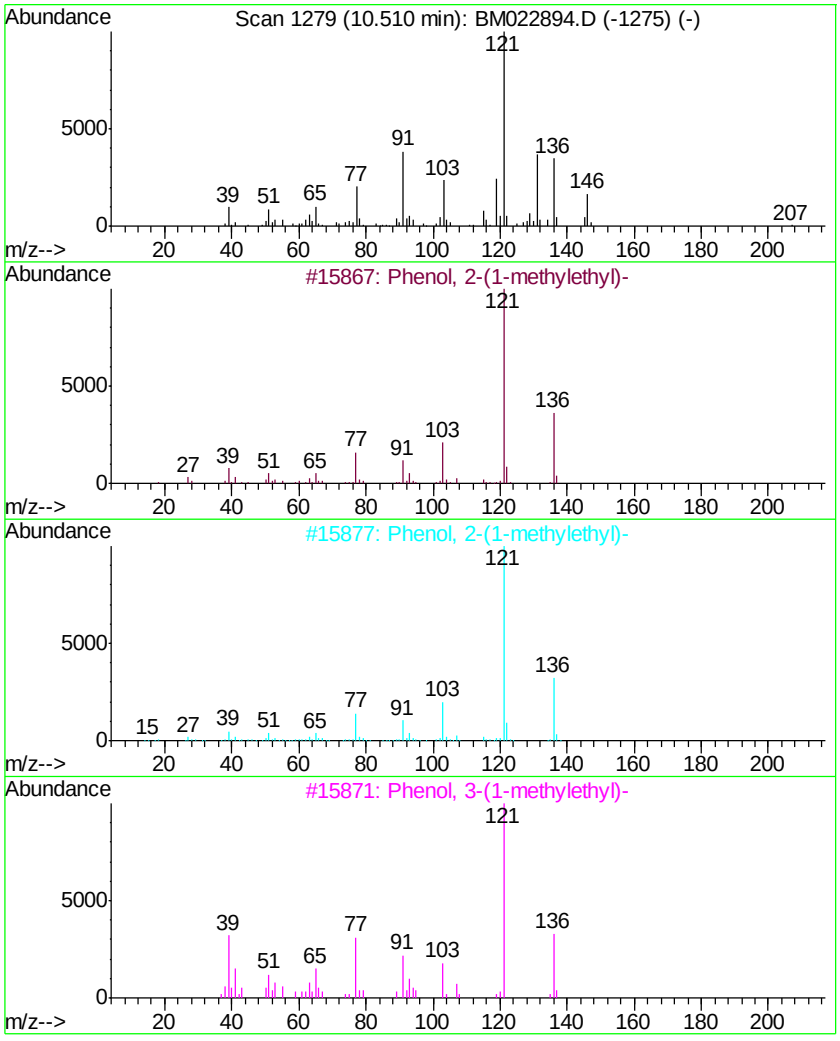
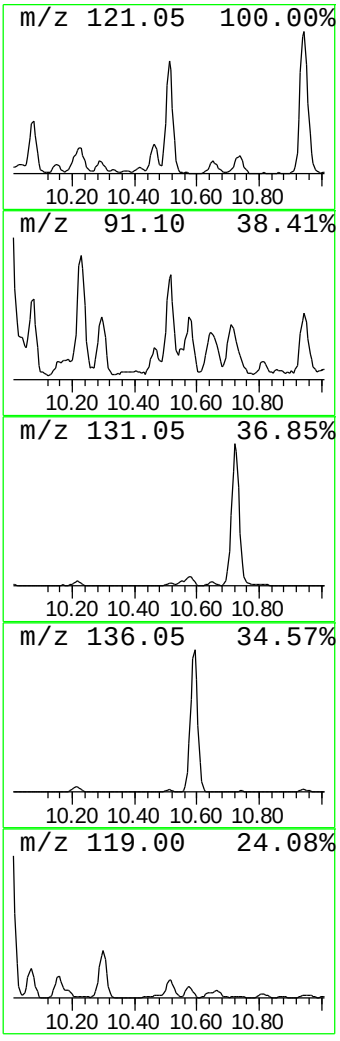
Peak Number 28 Phenol, 2-(1-methylethyl)- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	2.02 ng/ul	236550	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	58
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	58
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	52
4	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	50
5	Acetophenone, 4'-hydroxy-	136	C8H8O2	000099-93-4	50





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Operator : JU
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4

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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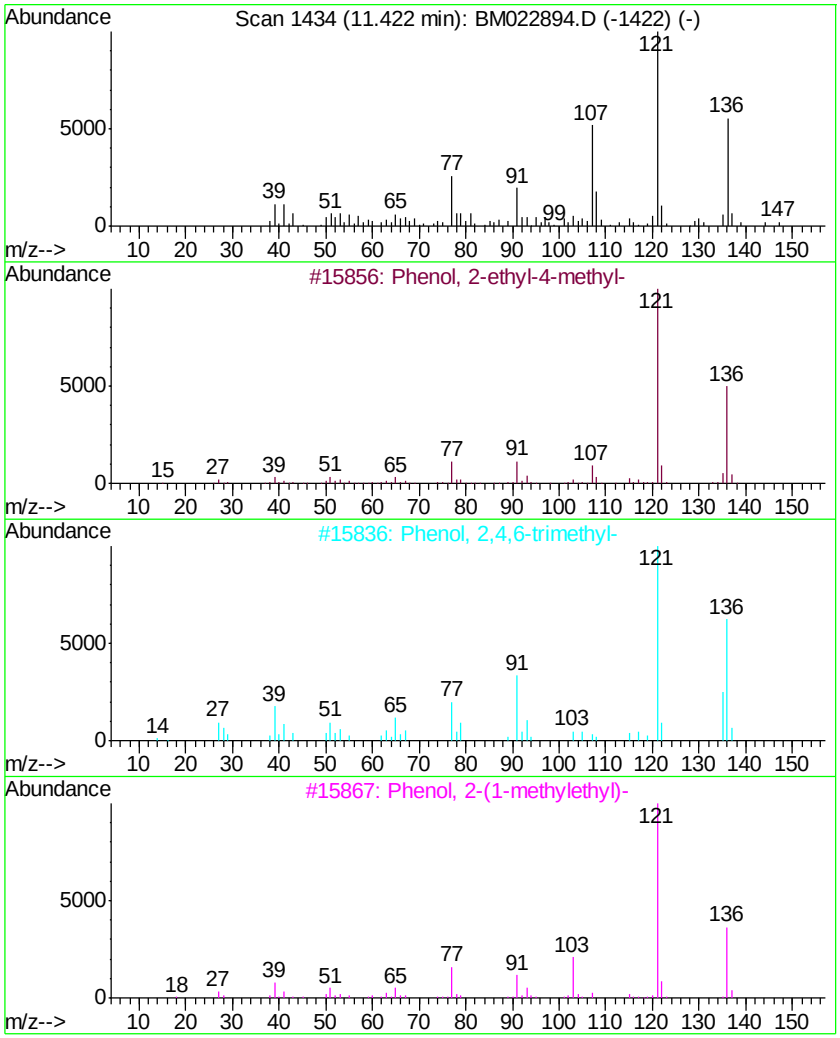
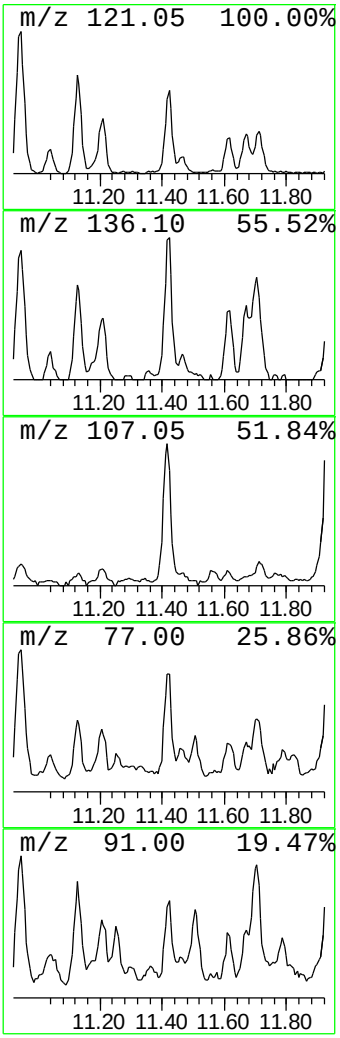
Peak Number 29 Phenol, 2-ethyl-4-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	2.35 ng/ul	275745	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	68
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	64
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	58
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	58
5	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	52





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Instrument : BNA_M
ClientSampleId : BFDF4

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Quant Title : SVOA CALIBRATION

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

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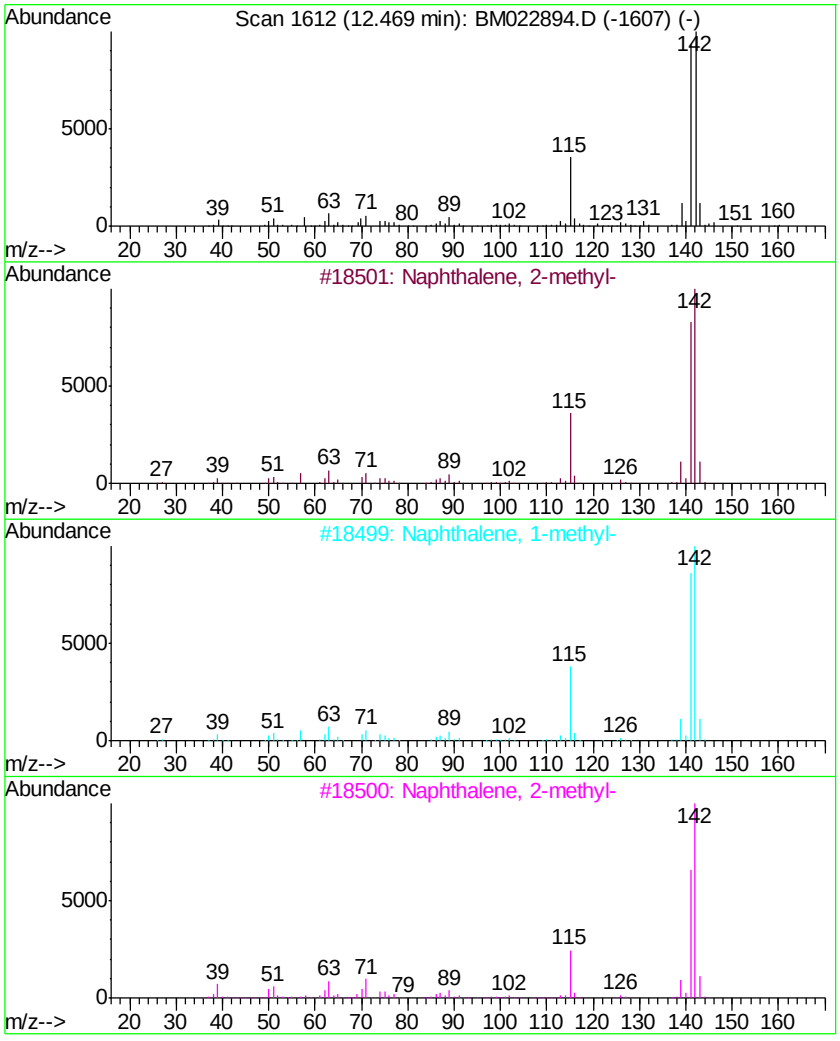
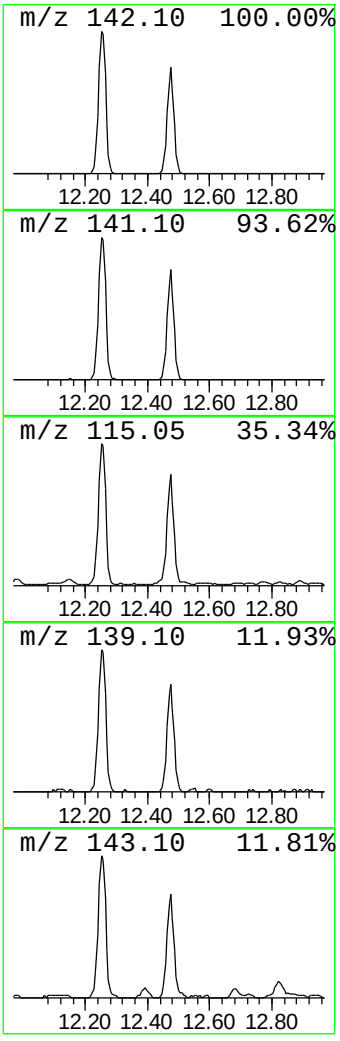
Peak Number 32 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	7.21 ng/ul	844572	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022894.D
Acq On : 02 Oct 2019 15:54
Operator : JU
Sample : K4983-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4

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
Propanoic acid, 1...	3.73	3.8	ng/ul	274783	1	7.80	1441770	20.0
2-Hexanol	3.83	2.1	ng/ul	154369	1	7.80	1441770	20.0
Toluene	4.00	11.9	ng/ul	859622	1	7.80	1441770	20.0
Propanoic acid, 2...	4.27	7.3	ng/ul	528593	1	7.80	1441770	20.0
Propanoic acid, p...	4.45	10.5	ng/ul	758055	1	7.80	1441770	20.0
Butanoic acid, 1-...	4.90	12.4	ng/ul	893409	1	7.80	1441770	20.0
Ethylbenzene	5.32	7.5	ng/ul	539583	1	7.80	1441770	20.0
Benzene, 1,3-dime...	5.45	32.2	ng/ul	2323720	1	7.80	1441770	20.0
o-Xylene	5.82	23.7	ng/ul	1709900	1	7.80	1441770	20.0
Benzene, propyl-	6.79	3.5	ng/ul	253873	1	7.80	1441770	20.0
Benzene, 1-ethyl-...	6.90	12.5	ng/ul	899611	1	7.80	1441770	20.0
Benzene, 1,3,5-tr...	7.20	9.9	ng/ul	710938	1	7.80	1441770	20.0
unknown-01	7.26	3.1	ng/ul	220934	1	7.80	1441770	20.0
1-Hexanol, 2-ethyl-	7.87	10.1	ng/ul	728585	1	7.80	1441770	20.0
unknown-02	8.09	2.1	ng/ul	153215	1	7.80	1441770	20.0
Indane	8.17	11.6	ng/ul	838885	1	7.80	1441770	20.0
Benzene, 1-methyl...	8.35	3.0	ng/ul	219454	1	7.80	1441770	20.0
Benzene, 1-ethyl-...	8.44	5.5	ng/ul	399553	1	7.80	1441770	20.0
Benzene, 2-ethyl-...	8.76	2.6	ng/ul	184681	1	7.80	1441770	20.0
Benzene, 1-methyl...	8.80	2.6	ng/ul	188094	1	7.80	1441770	20.0
Benzene, 1,2,4,5-...	9.43	2.4	ng/ul	284457	2	10.59	2344240	20.0
Benzene, 1,2,3,4-...	9.49	4.3	ng/ul	499036	2	10.59	2344240	20.0
3-Phenylbut-1-ene	9.85	2.9	ng/ul	339149	2	10.59	2344240	20.0
Benzene, 2-etheny...	10.00	13.8	ng/ul	1618900	2	10.59	2344240	20.0
Phenol, 2,3-dimet...	10.07	3.0	ng/ul	354418	2	10.59	2344240	20.0
Phenol, 2-(1-meth...	10.51	2.0	ng/ul	236550	2	10.59	2344240	20.0
Phenol, 2-ethyl-4...	11.42	2.4	ng/ul	275745	2	10.59	2344240	20.0
Naphthalene, 1-me...	12.47	7.2	ng/ul	844572	2	10.59	2344240	20.0