LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022877.D
Acq On : 02 Oct 2019 05:34
Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.305	50	54	68	rVB	1741152	2186273	10.25%	0.793%
2	3.610	100	106	114	rBV	2791829	3514467	16.48%	1.274%
3	3.834	139	144	151	rBV	749307	1032145	4.84%	0.374%
4	4.004	167	173	186	rVB	2815070	4076030	19.11%	1.478%
5	4.269	213	218	224	rBV	471933	620350	2.91%	0.225%
6	4.446	243	248	256	rBV	594154	790318	3.71%	0.287%
7	4.899	318	325	336	rVV	743848	1150167	5.39%	0.417%
8	5.322	391	397	404	rVV	904324	1312627	6.15%	0.476%
9	5.457	414	420	429	rVV	2228166	4438213	20.81%	1.609%
10	5.822	475	482	496	rVV	1801743	2802778	13.14%	1.016%
11	6.793	640	647	652	rBV	242275	495792	2.32%	0.180%
12	6.898	659	665	670	rVV	893841	1325017	6.21%	0.480%
13	6.963	670	676	677	rVV	556243	860840	4.04%	0.312%
14	7.004	677	683	694	rVB	3827419	7074781	33.17%	2.565%
15	7.134	700	705	711	rVV	798207	1269698	5.95%	0.460%
16	7.198	711	716	723	rVV	482832	1006701	4.72%	0.365%
17	7.263	723	727	733	rVV	1370663	2125571	9.97%	0.771%
18	7.334	733	739	744	rVV2	1216998	2066435	9.69%	0.749%
19	7.457	752	760	768	rVB	2086484	3324633	15.59%	1.205%
20	7.798	811	818	824	rVV2	1264186	2411655	11.31%	0.874%
21	7.881	825	832	835	rVV	2283448	4134776	19.39%	1.499%
22	7.916	835	838	842	rVV3	1378597	2445581	11.47%	0.887%
23	7.969	842	847	858	rVB3	1311110	3398848	15.93%	1.232%
24	8.110	864	871	874	rBV2	358595	674376	3.16%	0.244%
25	8.157	874	879	881	rBV	454435	760825	3.57%	0.276%
26	8.251	887	895	900	rBV	4880196	7750368	36.34%	2.810%
27	8.445	917	928	933	rBV	362767	637125	2.99%	0.231%
28	8.510	933	939	944	rBV	748478	1426290	6.69%	0.517%
29	8.592	944	953	967	rVB	9991446	21329489	100.00%	7.733%
30	8.763	974	982	986	rVV3	242096	482099	2.26%	0.175%
31	8.910	1003	1007	1010	rVV	340366	501166	2.35%	0.182%
32	8.957	1010	1015	1025	rVV2	1084547	2023632	9.49%	0.734%
33	9.051	1025	1031	1039	rVB3	228622	508068	2.38%	0.184%
34	9.222	1039	1060	1066	rBV2	1728449	5042685	23.64%	1.828%

LSC Area Percent Report

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Sample : K4932-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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	9.304	1066	1074	1080	rVB3	776289	1917231	8.99%	0.695%
36	9.434	1084	1096	1100	rBV2	713803	1546196	7.25%	0.561%
37	9.492	1100	1106	1113	rVB2	821338	1437352	6.74%	0.521%
38	9.569	1113	1119	1131	rVB	2117170	3891541	18.24%	1.411%
39	9.675	1131	1137	1143	rBV	811736	1379028	6.47%	0.500%
40	9.786	1147	1156	1159	rBV	8759346	17907304	83.96%	6.492%
41	9.816	1159	1161	1170	rVV	6885533	9422702	44.18%	3.416%
42	9.904	1170	1176	1181	rVB	207536	390315	1.83%	0.142%
43	10.051	1181	1201	1205	rBV	4927456	14207014	66.61%	5.151%
44	10.098	1205	1209	1214	rVV	6899256	10696212	50.15%	3.878%
45	10.239	1223	1233	1240	rVB2	4079246	8714336	40.86%	3.159%
46	10.316	1240	1246	1254	rBV3	389177	807338	3.79%	0.293%
47	10.475	1267	1273	1277	rVV	3153092	5154995	24.17%	1.869%
48	10.516	1277	1280	1287	rVB2	801791	1286162	6.03%	0.466%
49	10.598	1287	1294	1298	rBV	1764391	3147479	14.76%	1.141%
50	10.645	1298	1302	1310	rVB	2850847	4728072	22.17%	1.714%
51	10.739	1310	1318	1328	rBV3	1433461	3067927	14.38%	1.112%
52	10.869	1335	1340	1347	rVB	647207	988771	4.64%	0.358%
53	10.957	1347	1355	1364	rBV	1545663	3151536	14.78%	1.143%
54	11.045	1364	1370	1379	rVB	694962	1153829	5.41%	0.418%
55	11.133	1379	1385	1390	rBV	2075770	3515829	16.48%	1.275%
56	11.186	1390	1394	1395	rVV2	583156	840305	3.94%	0.305%
57	11.210	1395	1398	1404	rVV	1183194	1849619	8.67%	0.671%
58	11.428	1424	1435	1440	rBV2	2843104	5397816	25.31%	1.957%
59	11.469	1440	1442	1446	rVV	468181	603276	2.83%	0.219%
60	11.622	1462	1468	1473	rVV	1767054	3015567	14.14%	1.093%
61	11.675	1473	1477	1481	rVV	1864349	3172645	14.87%	1.150%
62	11.710	1481	1483	1490	rVV2	795914	1446628	6.78%	0.524%
63	11.798	1491	1498	1501	rVV2	211817	453792	2.13%	0.165%
64	11.939	1513	1522	1527	rVV	731216	1637204	7.68%	0.594%
65	11.998	1527	1532	1537	rVV2	156965	388643	1.82%	0.141%
66	12.110	1545	1551	1554	rBV	462162	747637	3.51%	0.271%
67	12.163	1557	1560	1563	rVV2	285507	511759	2.40%	0.186%
68	12.204	1564	1567	1570	rVV2	270586	455470	2.14%	0.165%
69	12.257	1570	1576	1580	rVV	1433754	2396982	11.24%	0.869%
70	12.298	1580	1583	1590	rVV3	500293	1026719	4.81%	0.372%
71	12.357	1590	1593	1597	rVV	323671	508315	2.38%	0.184%

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Misc :
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Instrument : BNA_M
ClientSampleId : BFDJ8

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	12.404	1597	1601	1605	rVV2	235111	484228	2.27%	0.176%
73	12.475	1605	1613	1619	rVB2	1026951	1999041	9.37%	0.725%
74	12.639	1636	1641	1646	rBV3	455751	881676	4.13%	0.320%
75	12.857	1671	1678	1683	rVV4	435489	924960	4.34%	0.335%
76	12.945	1686	1693	1701	rVV7	328217	939813	4.41%	0.341%
77	13.286	1746	1751	1759	rVB	731522	1258649	5.90%	0.456%
78	13.492	1778	1786	1794	rVB4	209377	605234	2.84%	0.219%
79	13.621	1794	1808	1815	rBV10	293250	1253718	5.88%	0.455%
80	13.851	1842	1847	1851	rVV	2152880	3056593	14.33%	1.108%
81	13.898	1851	1855	1859	rVB	2343610	2950424	13.83%	1.070%
82	13.992	1866	1871	1875	rBV4	282827	463161	2.17%	0.168%
83	14.133	1889	1895	1900	rBV	2702349	4258557	19.97%	1.544%
84	14.439	1940	1947	1954	rBV	2646237	4213013	19.75%	1.527%
85	14.651	1979	1983	1987	rVV2	249836	399157	1.87%	0.145%
86	14.710	1987	1993	2002	rVB3	299268	656524	3.08%	0.238%
87	15.327	2094	2098	2102	rVB	291270	386133	1.81%	0.140%
88	15.427	2110	2115	2121	rBV	3296517	4759576	22.31%	1.726%
89	15.545	2130	2135	2142	rVB	1092634	1614965	7.57%	0.585%
90	15.633	2142	2150	2154	rBV3	407161	827286	3.88%	0.300%
91	17.174	2406	2412	2417	rBV2	2589845	3839985	18.00%	1.392%
92	17.274	2424	2429	2441	rVB	3303063	4678414	21.93%	1.696%
93	18.080	2561	2566	2572	rBV	686217	904835	4.24%	0.328%
94	19.356	2779	2783	2791	rVB2	337301	498105	2.34%	0.181%
95	19.568	2813	2819	2824	rBV	3435950	4673204	21.91%	1.694%
96	19.609	2824	2826	2833	rVB2	206930	388442	1.82%	0.141%
97	21.068	3070	3074	3079	rBV	690089	817311	3.83%	0.296%
98	21.350	3118	3122	3128	rBV	2456575	3082141	14.45%	1.117%
99	23.474	3476	3483	3488	rBV	2115175	3873411	18.16%	1.404%
100	23.615	3501	3507	3518	rVB	1662227	3177479	14.90%	1.152%

Sum of corrected areas: 275829400

LSC Report - Integrated Chromatogram

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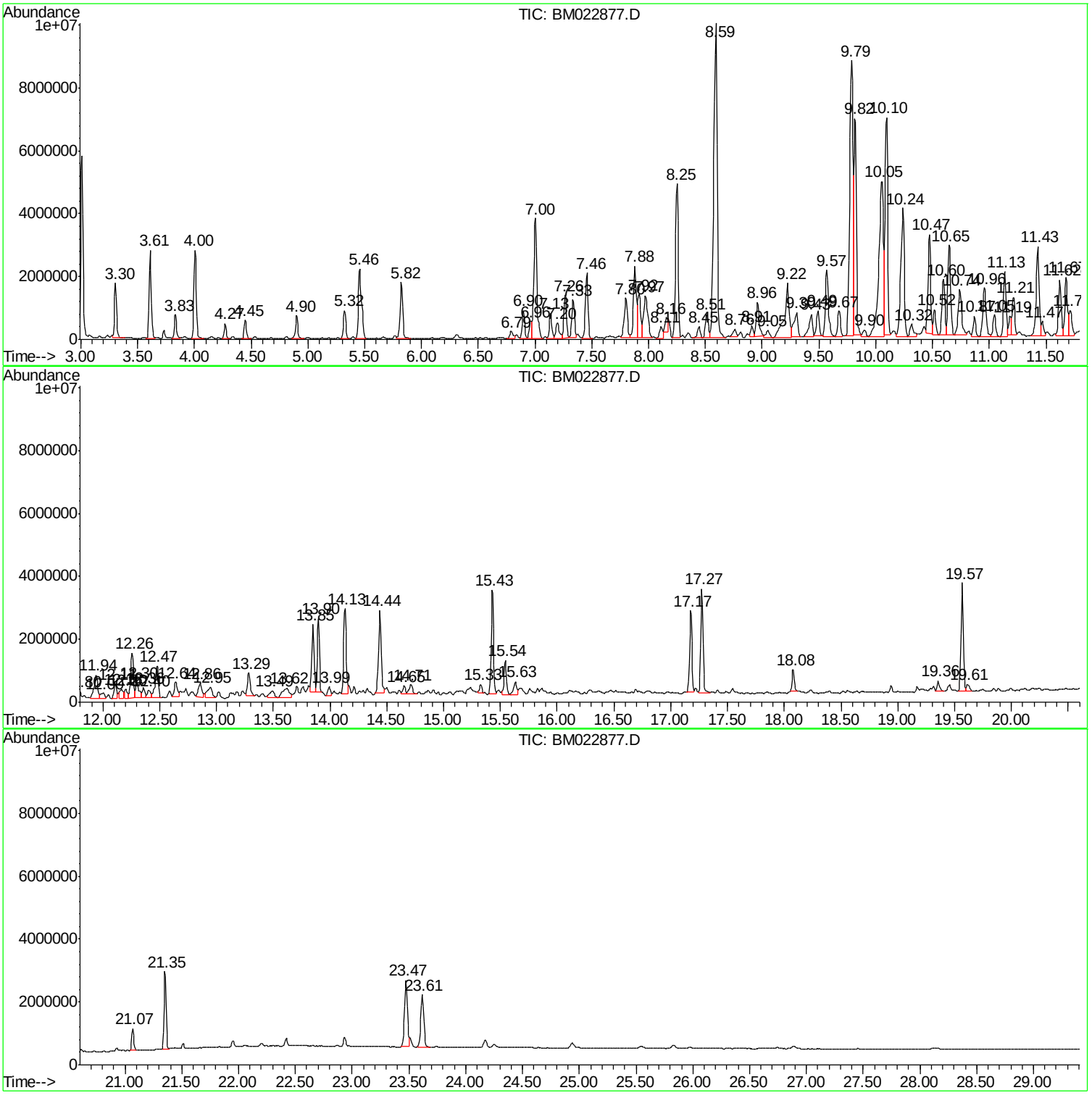
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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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Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

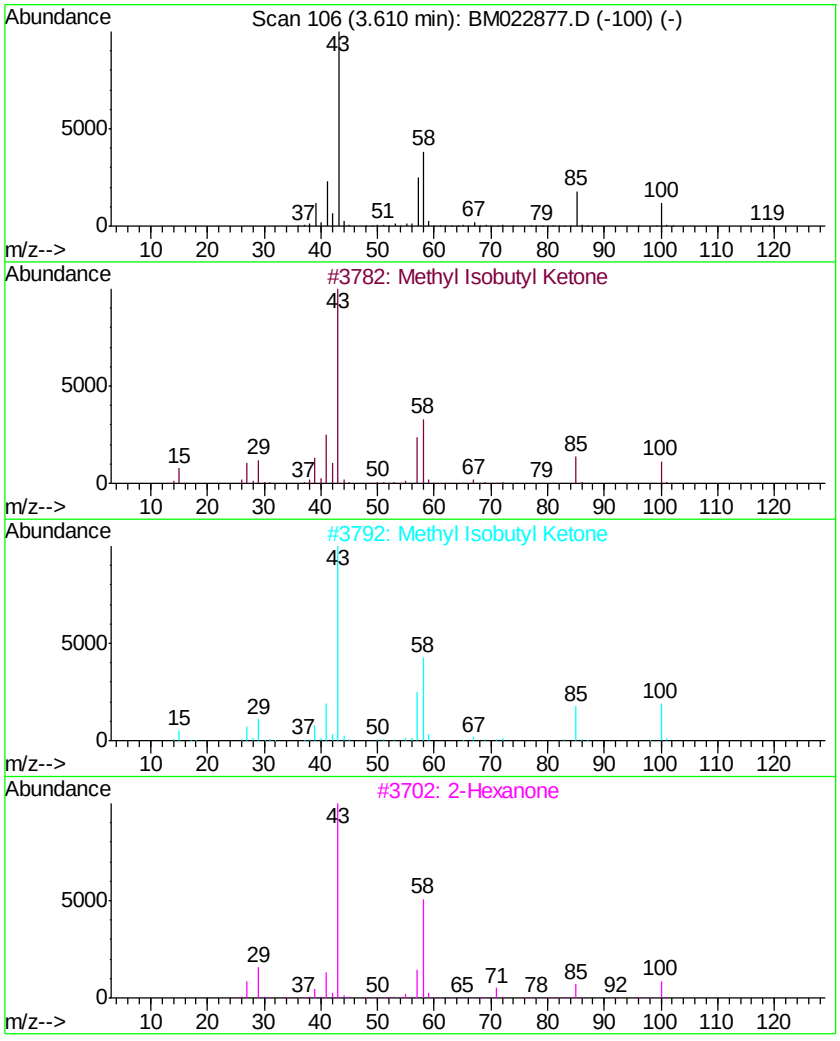
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

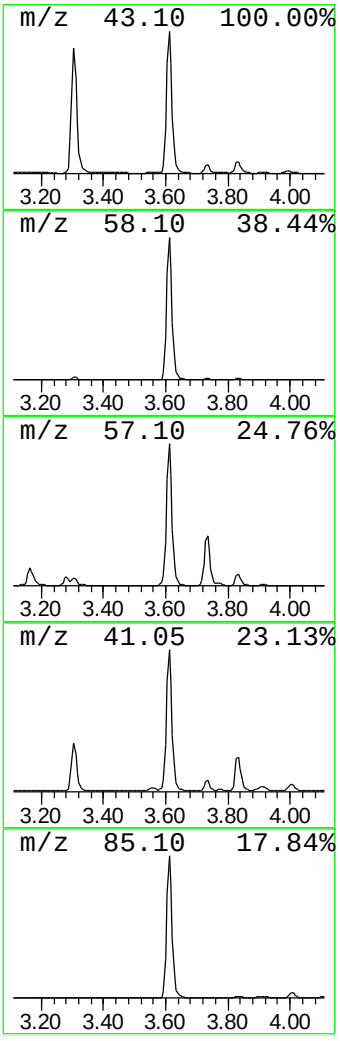
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	29.15 ng/ul	3514470	1,4-Dichlorobenzene-d4	7.80

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





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BFDJ8

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

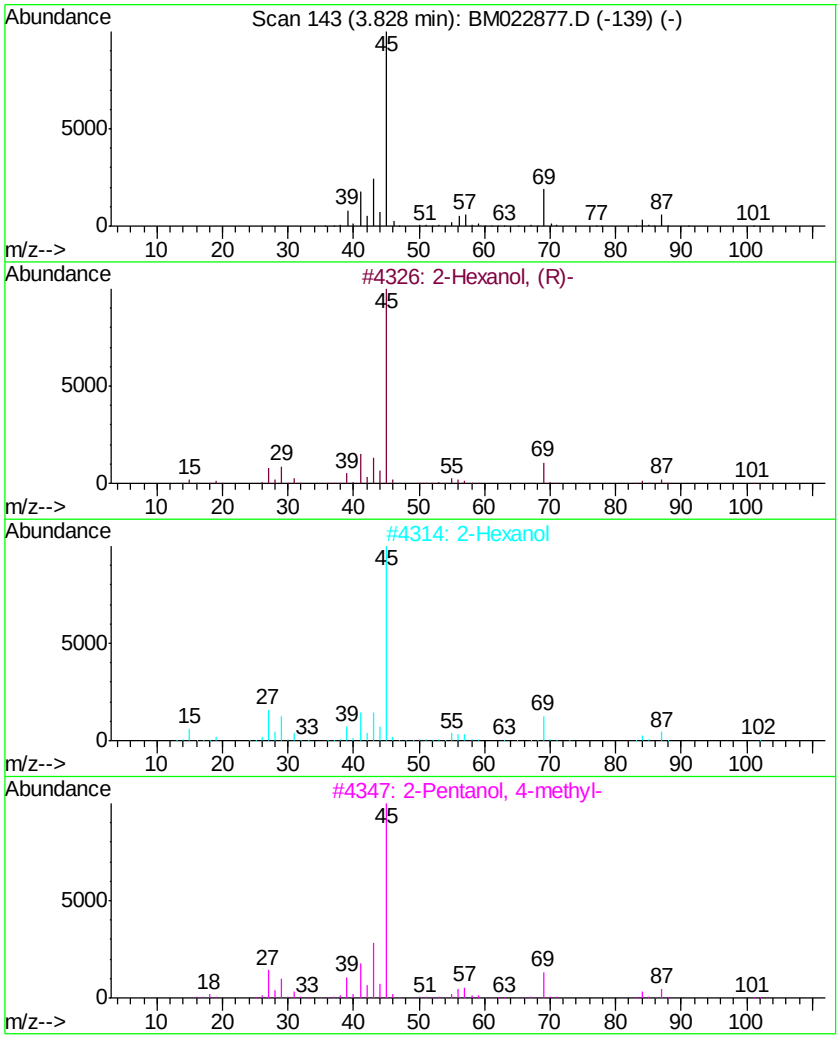
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

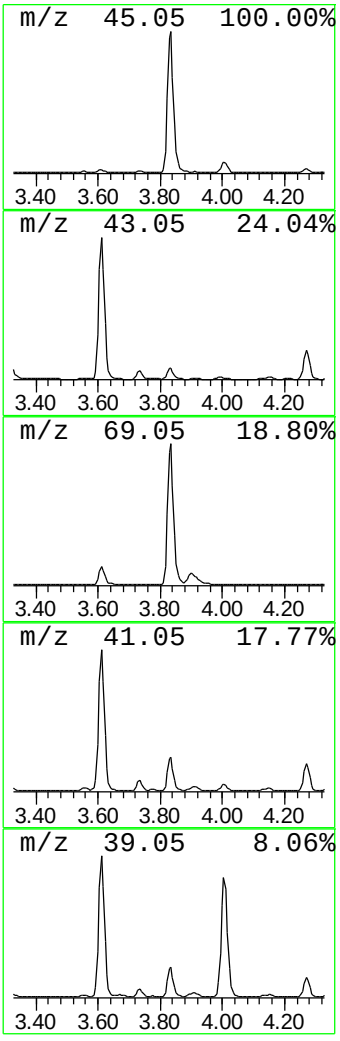
****

Peak Number 2 2-Hexanol, (R)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	8.56 ng/ul	1032150	1,4-Dichlorobenzene-d4	7.80

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





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Quant Title : SVOA CALIBRATION

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

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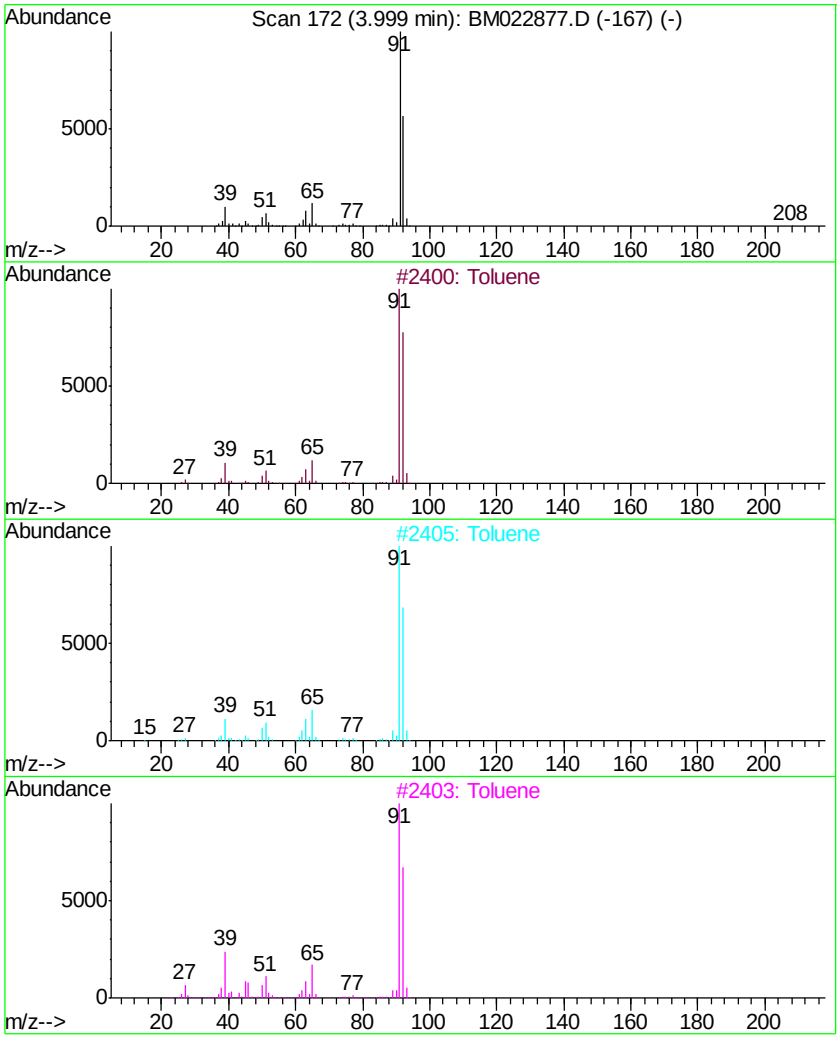
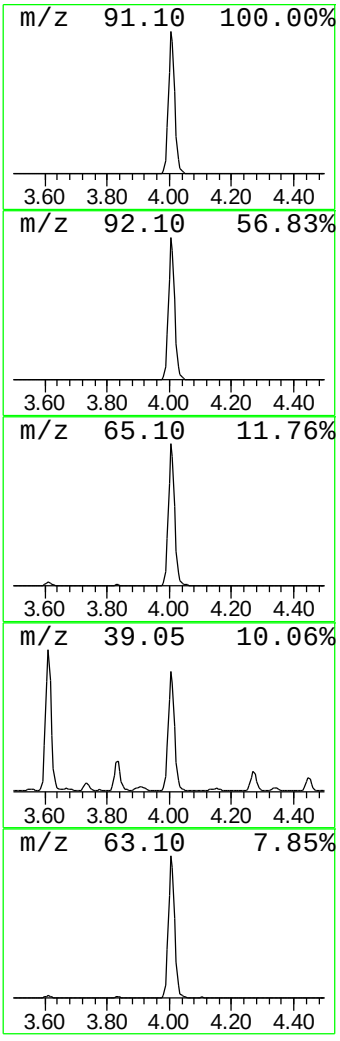
Peak Number 3 Toluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	33.80 ng/ul	4076030	1,4-Dichlorobenzene-d4	7.80

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





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BFDJ8

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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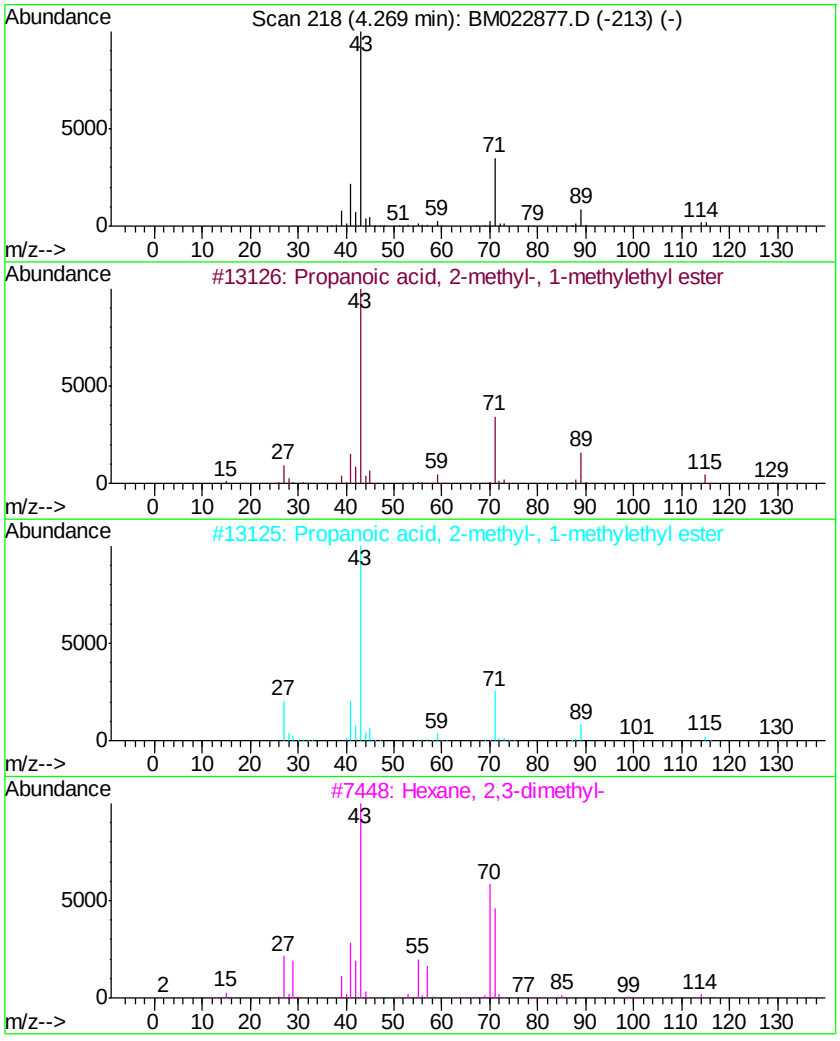
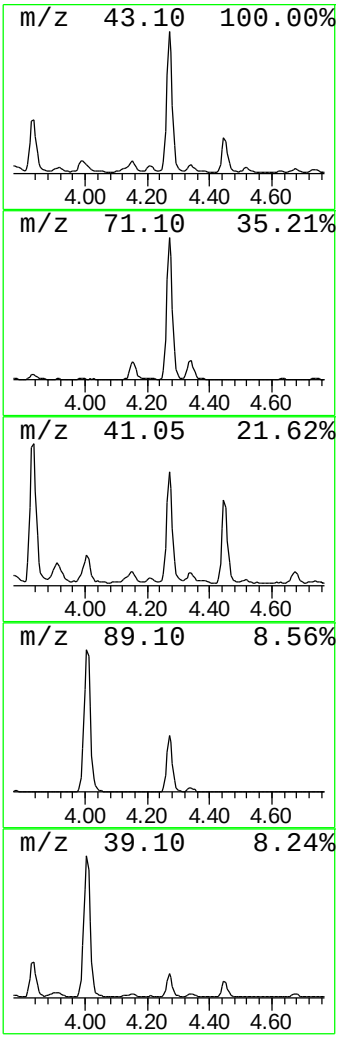
Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	5.14 ng/ul	620350	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	64
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	59
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	45
5	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	40





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Data File : BM022877.D
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Sample : K4932-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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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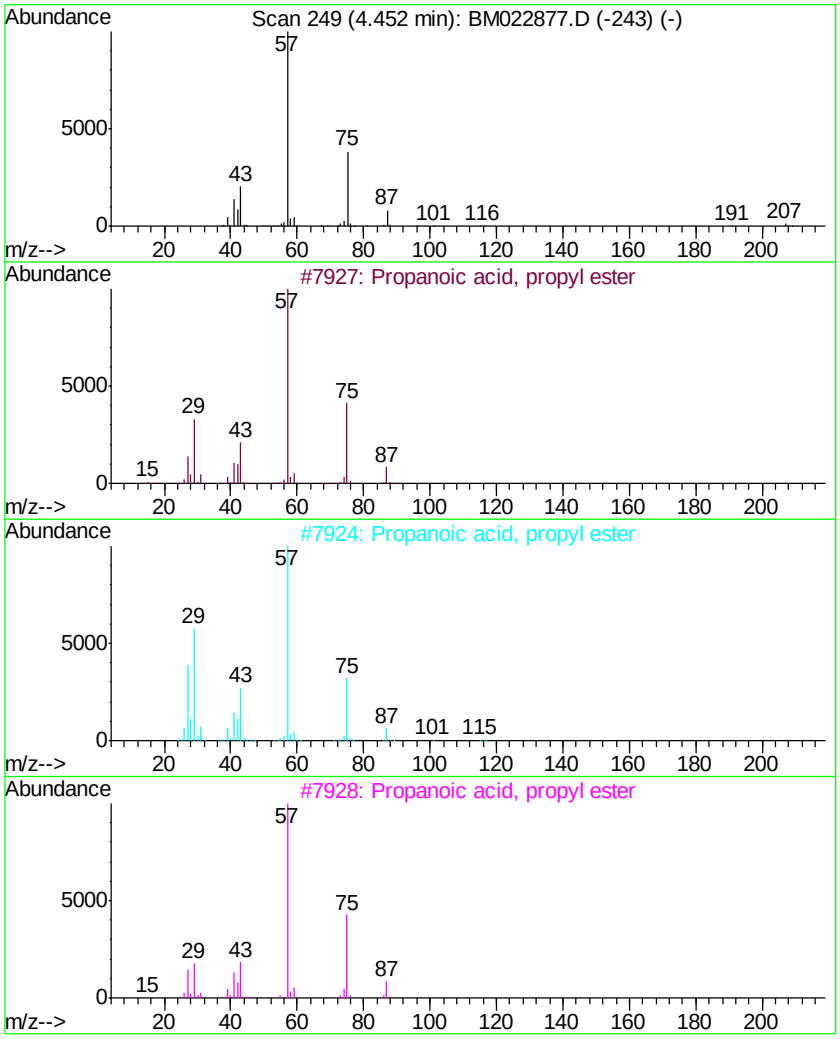
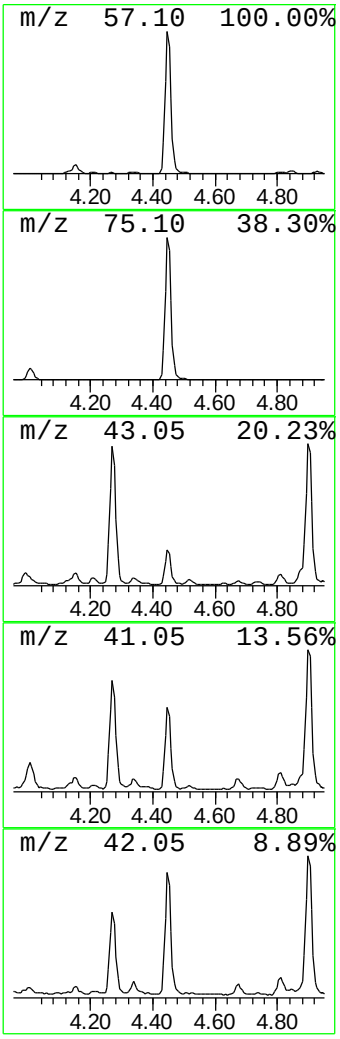
Peak Number 5 Propanoic acid, propyl ester Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	6.55 ng/ul	790318	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	78
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38





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Sample : K4932-10
Misc :
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Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

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

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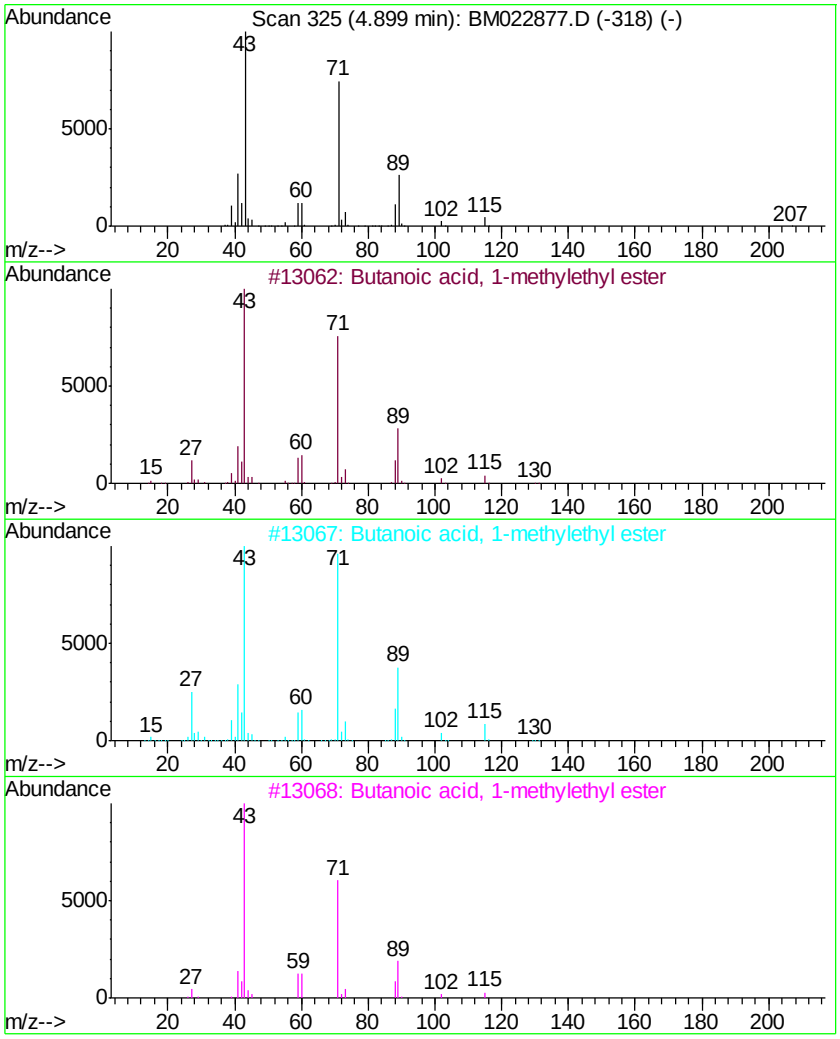
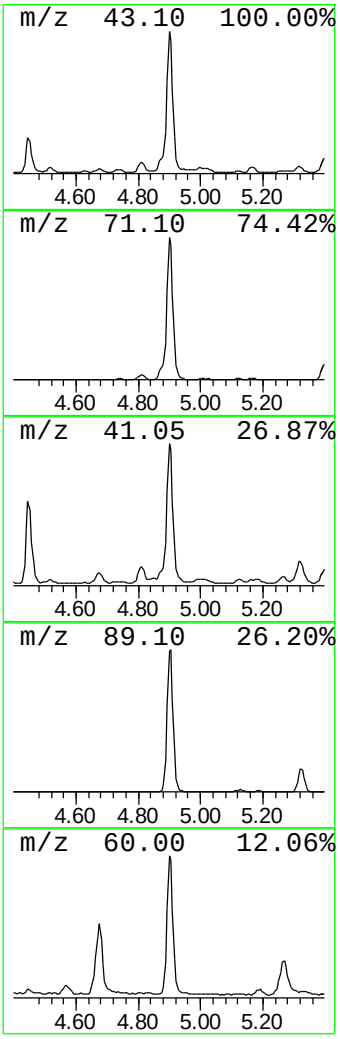
Peak Number 6 Butanoic acid, 1-methylethy... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	9.54 ng/ul	1150170	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	50





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ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

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

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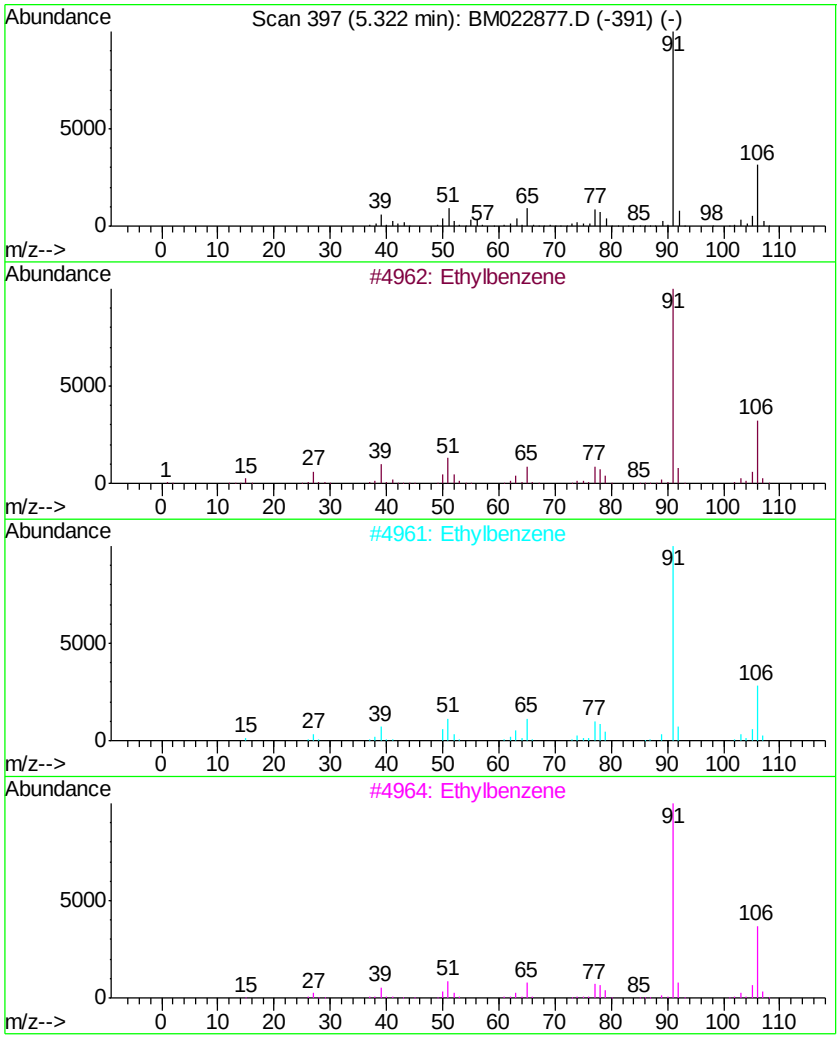
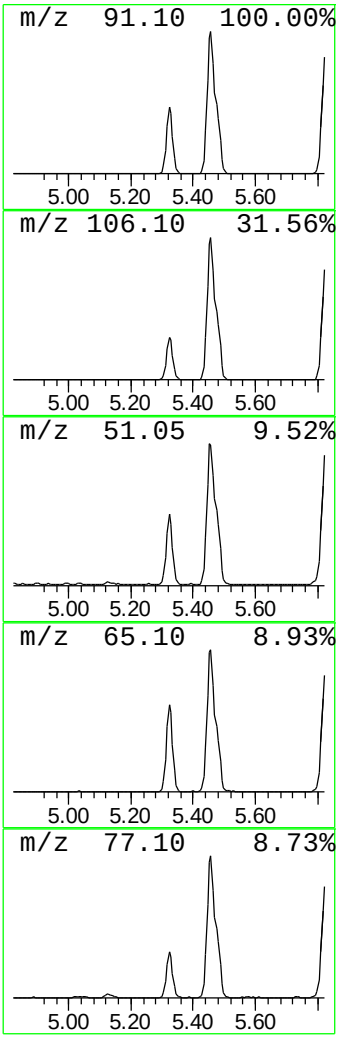
Peak Number 7 Ethylbenzene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	10.89 ng/ul	1312630	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	o-Xylene	106	C8H10	000095-47-6	64





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ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

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

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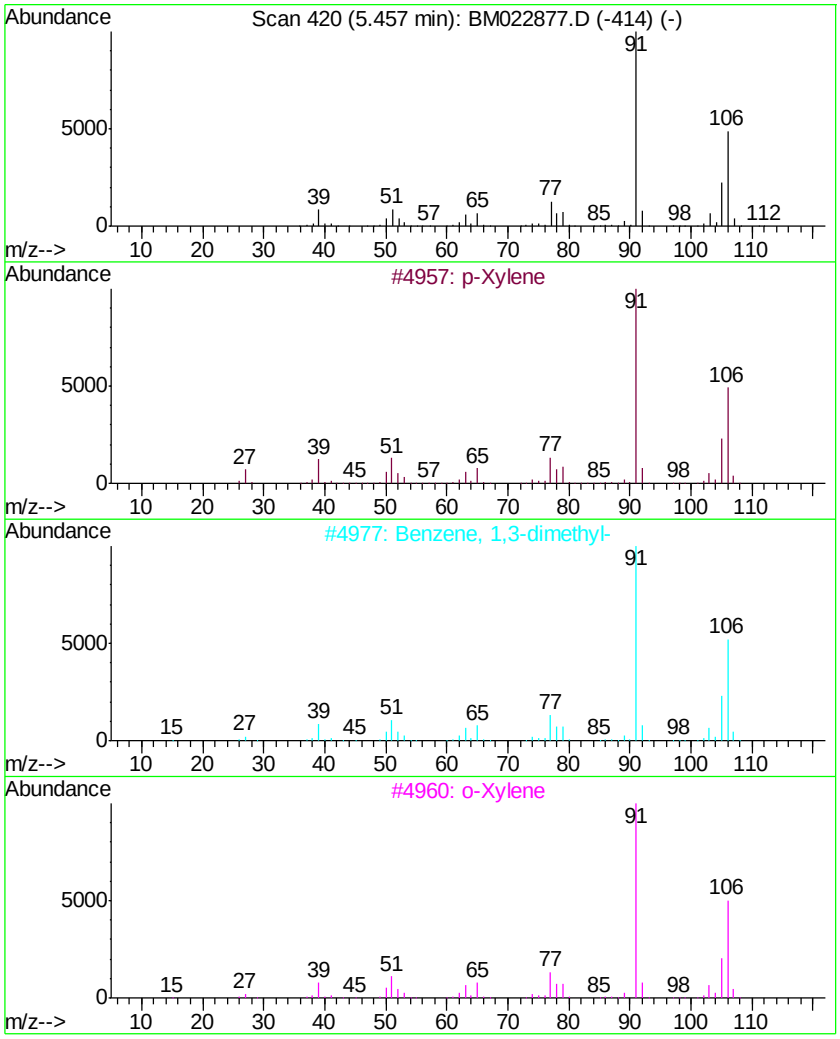
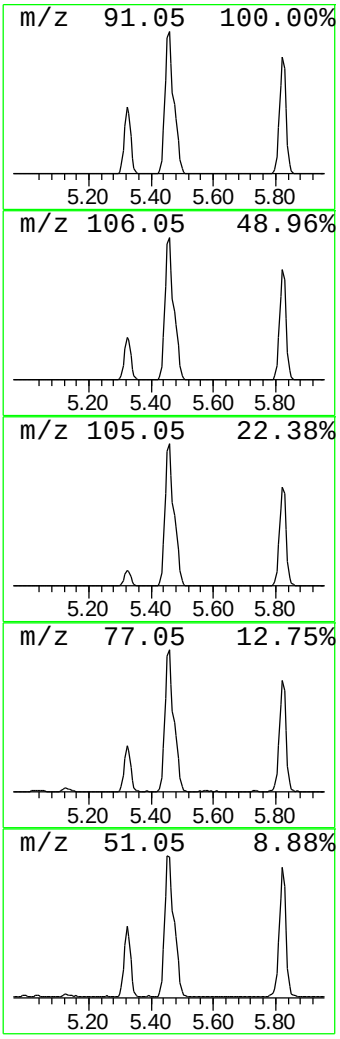
Peak Number 8 p-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	36.81 ng/ul	4438210	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	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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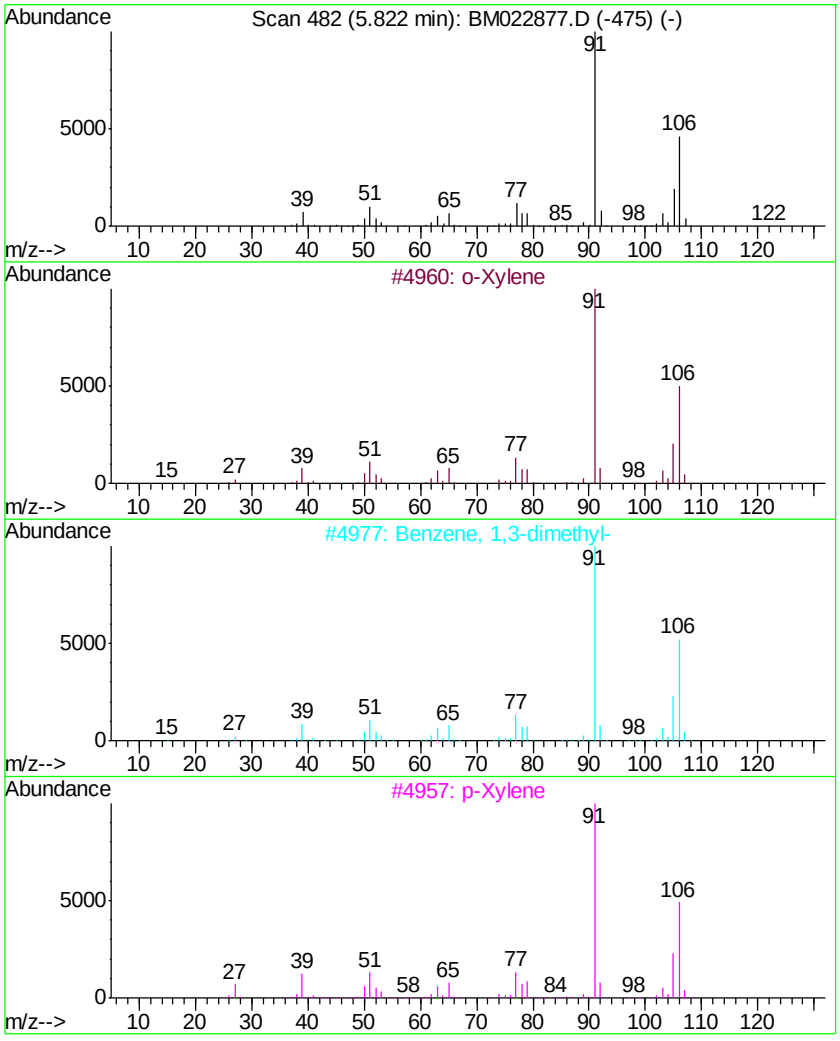
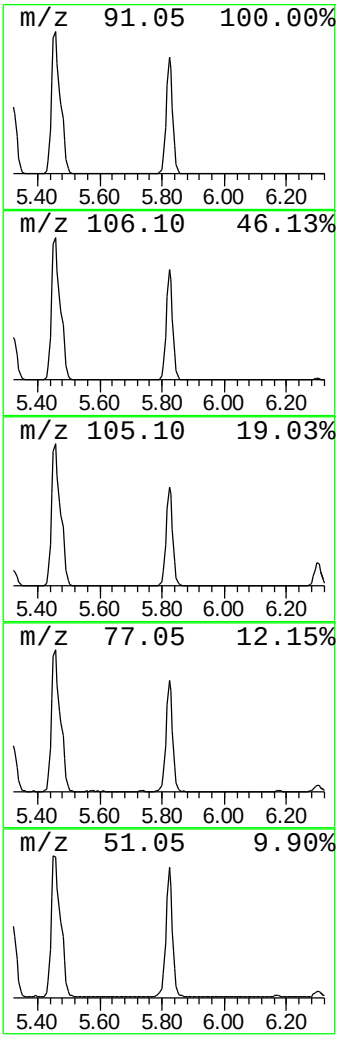
Peak Number 9 o-Xylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	23.24 ng/ul	2802780	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	o-Xylene	106	C8H10	000095-47-6	97
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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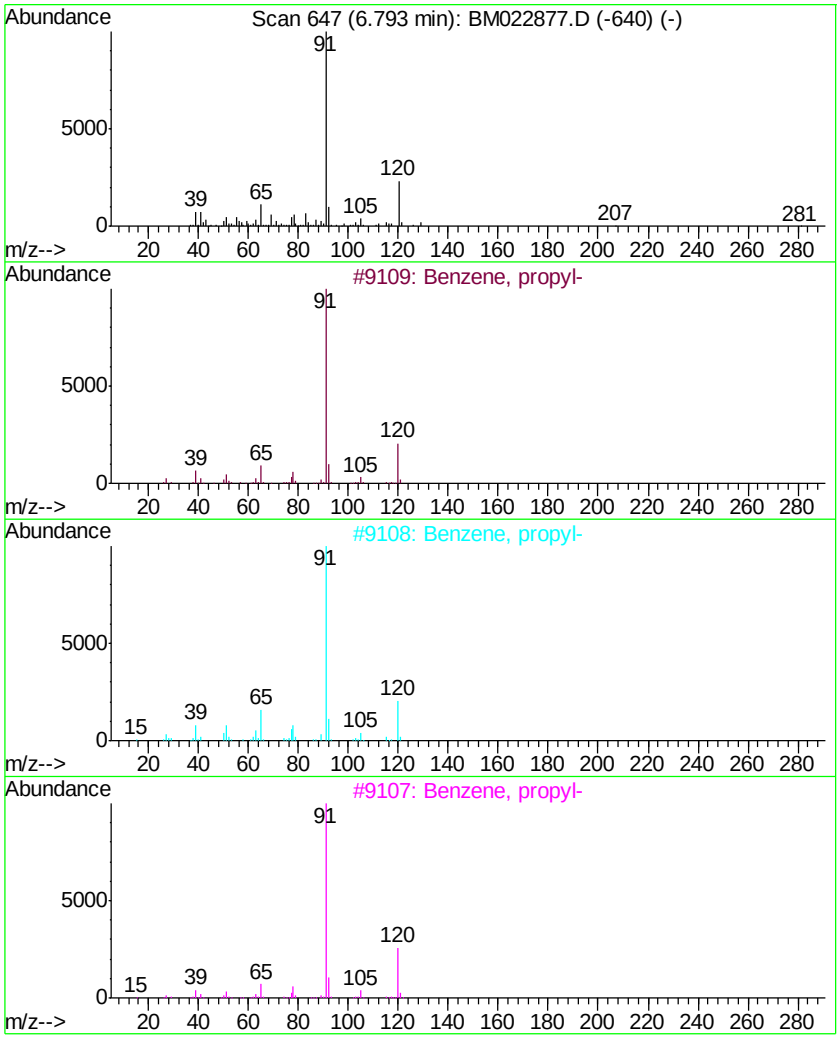
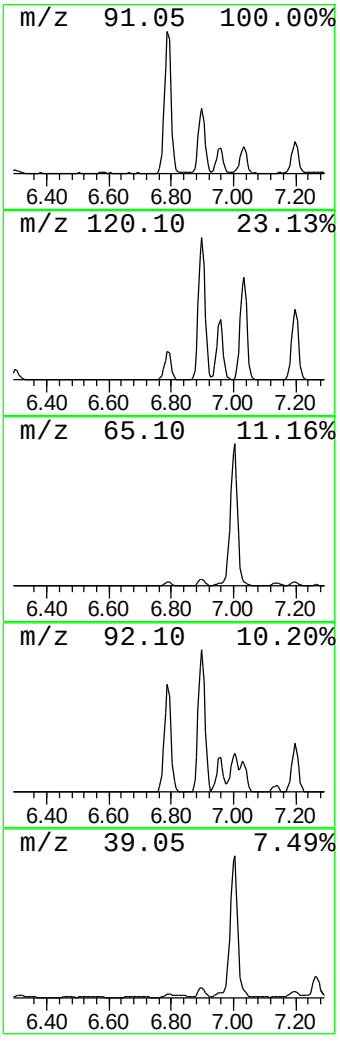
Peak Number 10 Benzene, propyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	4.11 ng/ul	495792	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





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Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

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

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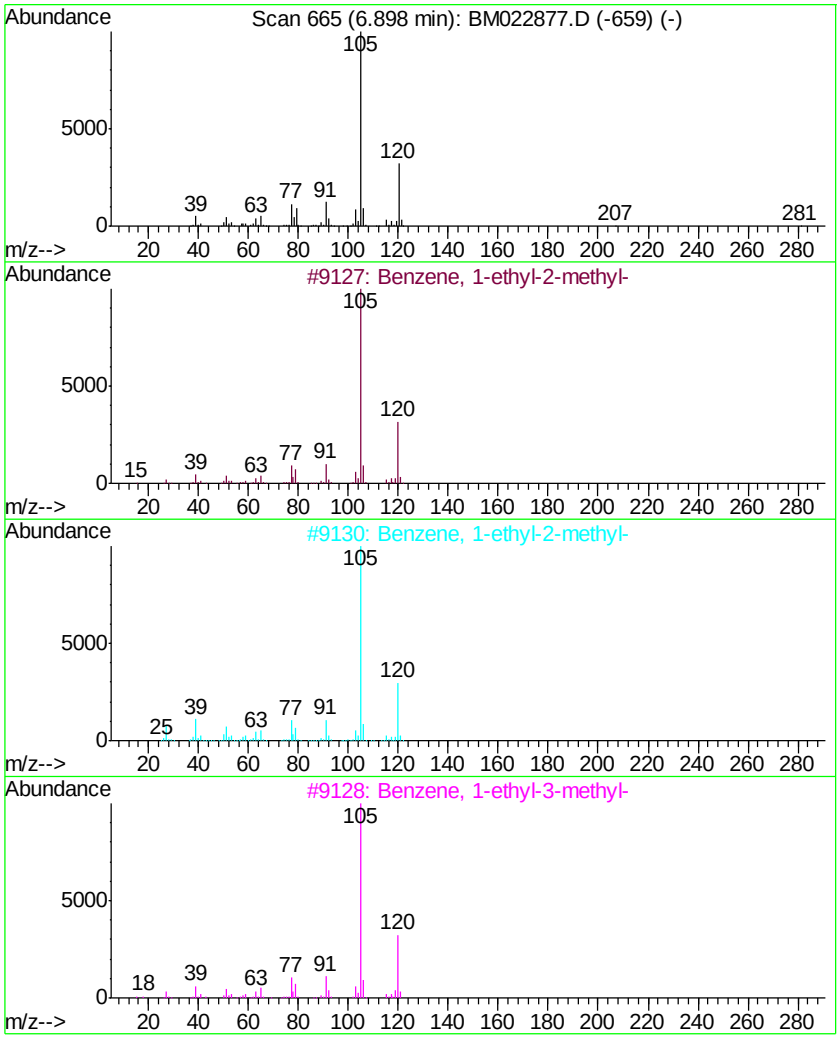
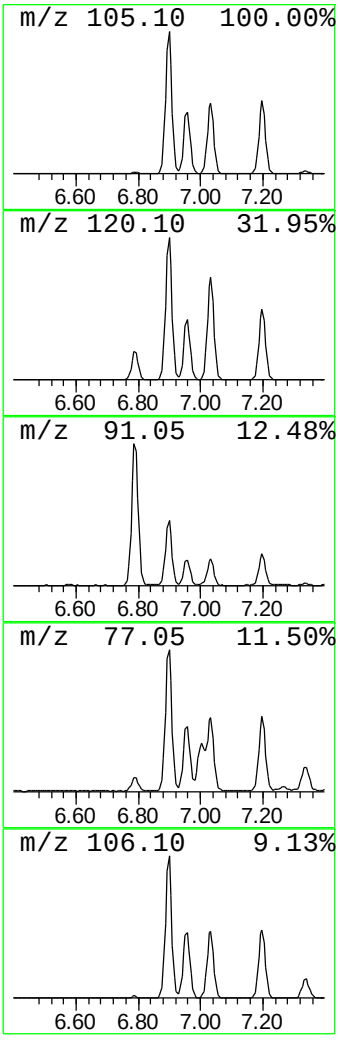
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	10.99 ng/ul	1325020	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, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

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

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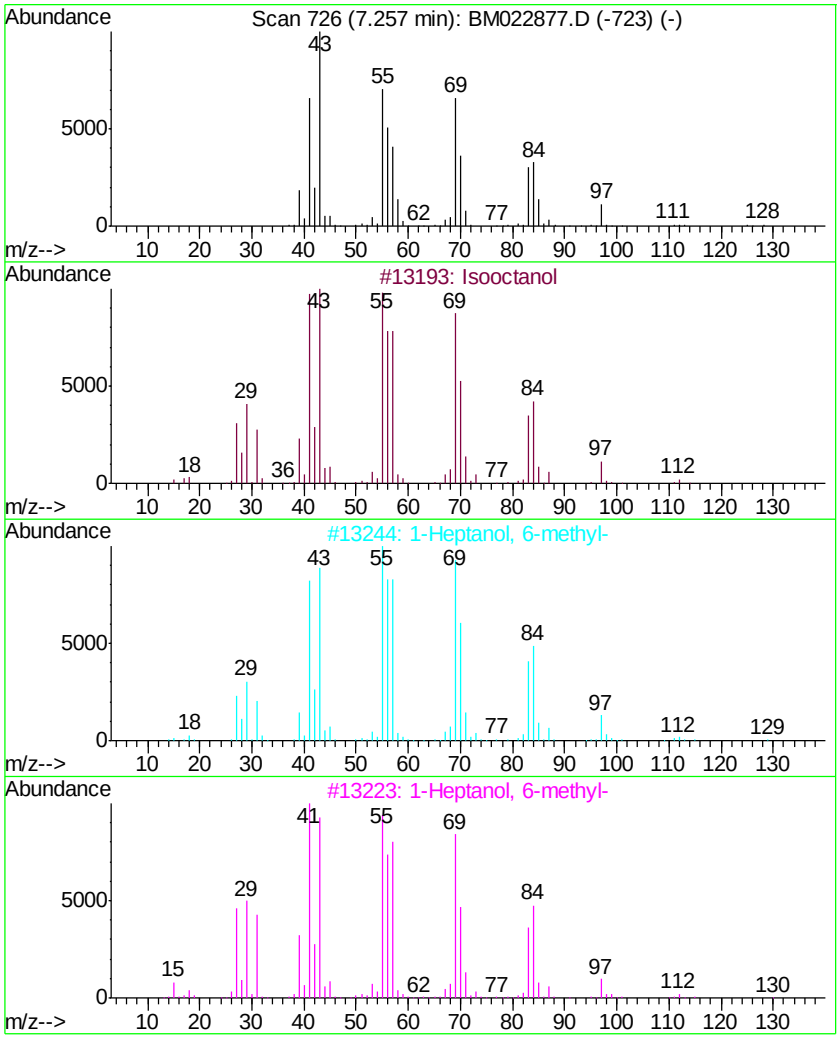
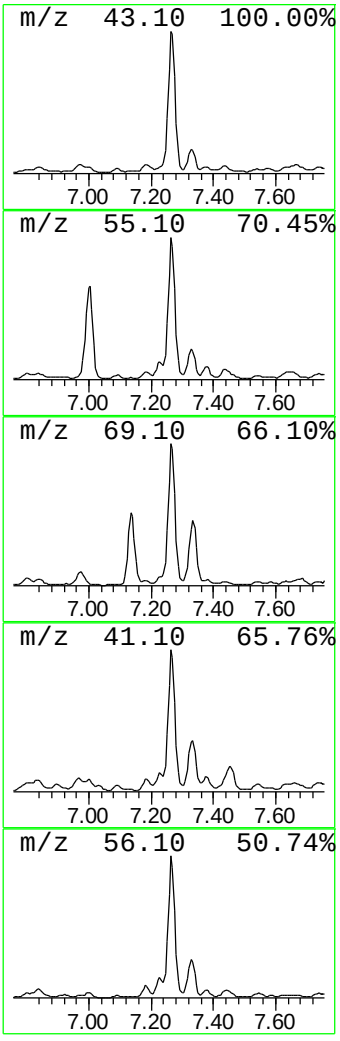
Peak Number 13 Isooctanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	17.63 ng/ul	2125570	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isooctanol	130	C8H18O	026952-21-6	86
2	1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	86
3	1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	80
4	Acetic acid, trichloro-, nonyl e...	288	C11H19Cl3O2	065611-32-7	64
5	E-11,13-Tetradecadien-1-ol	210	C14H26O	1000131-00-3	59





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Quant Title : SVOA CALIBRATION

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

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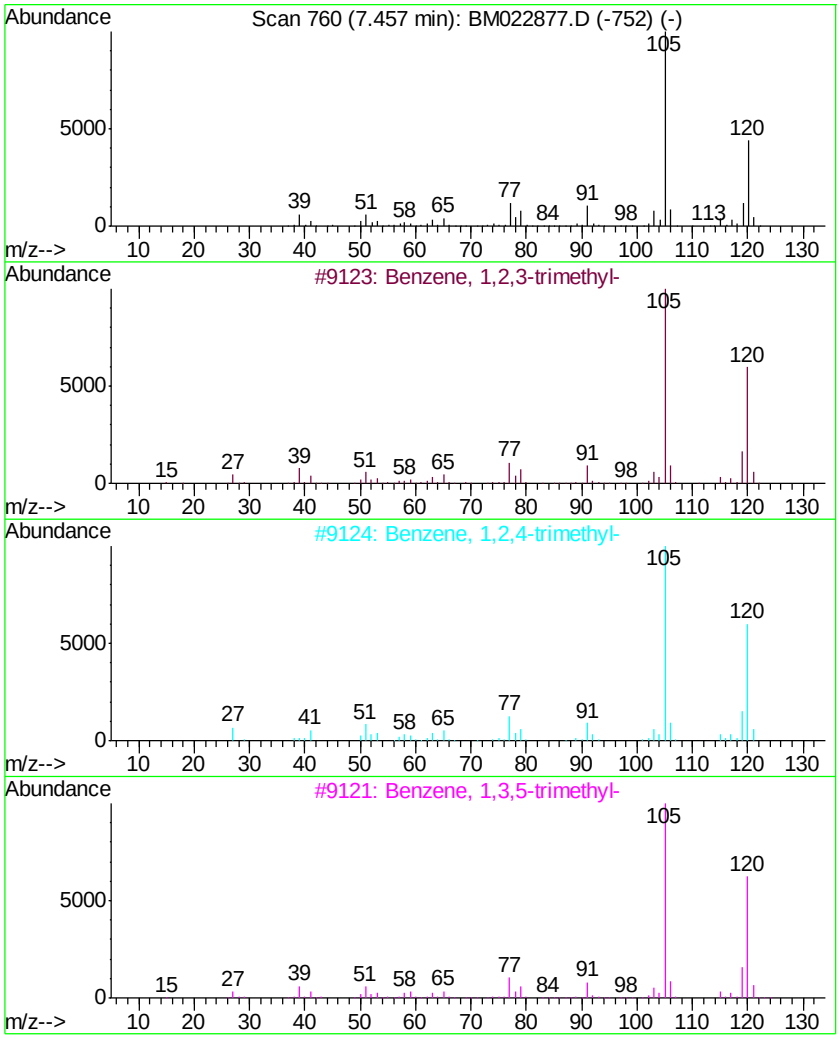
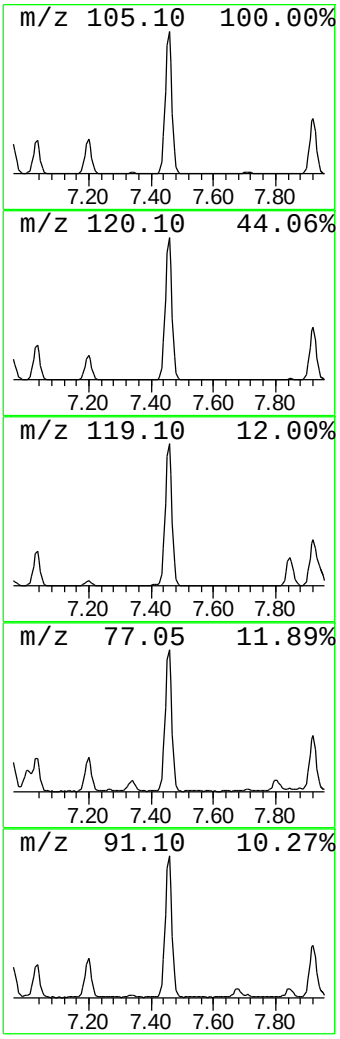
Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	27.57 ng/ul	3324630	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





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Quant Title : SVOA CALIBRATION

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

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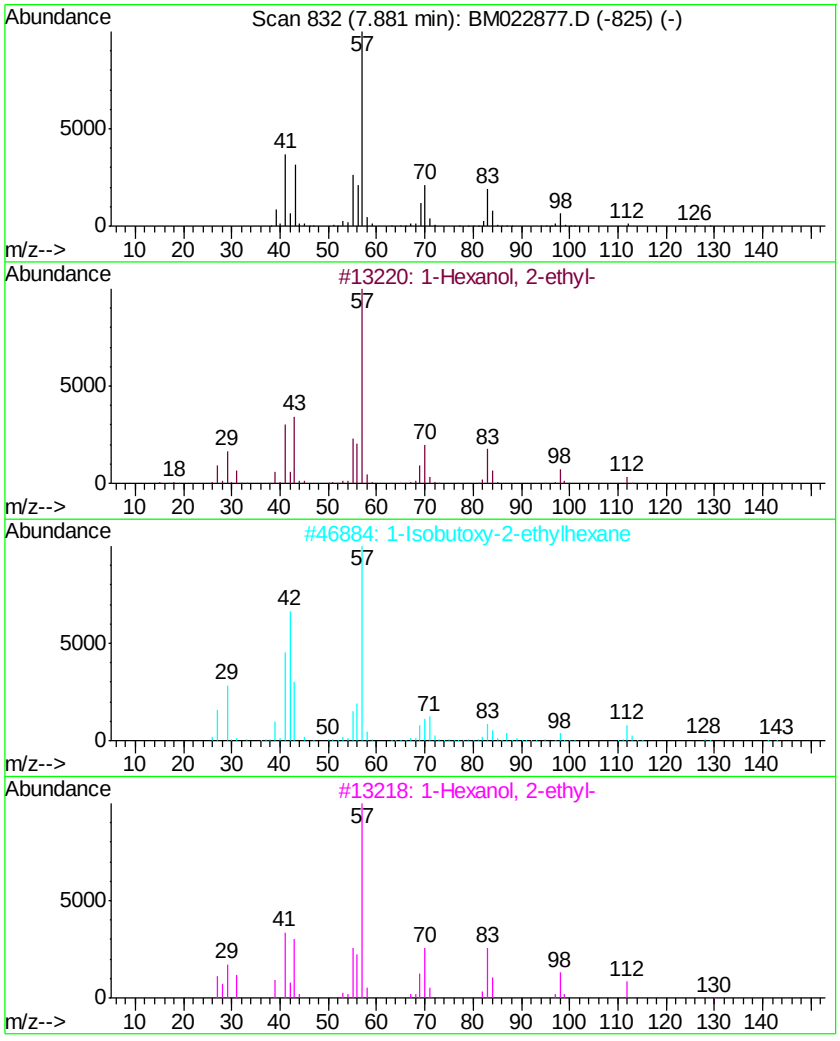
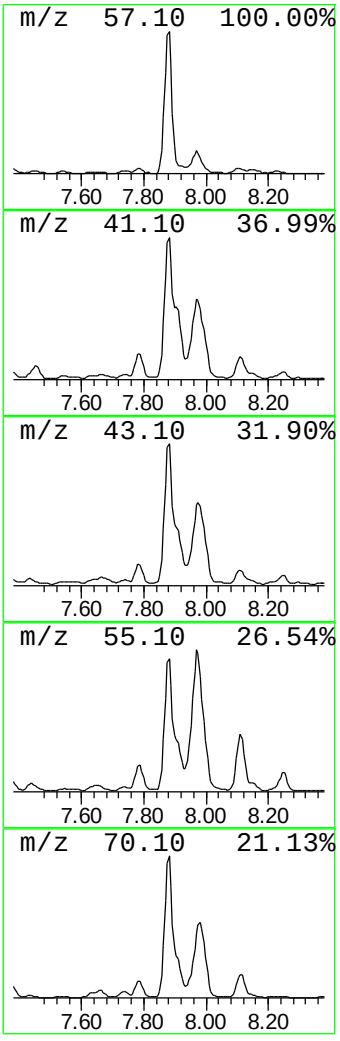
Peak Number 15 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	34.29 ng/ul	4134780	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-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74





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Quant Title : SVOA CALIBRATION

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

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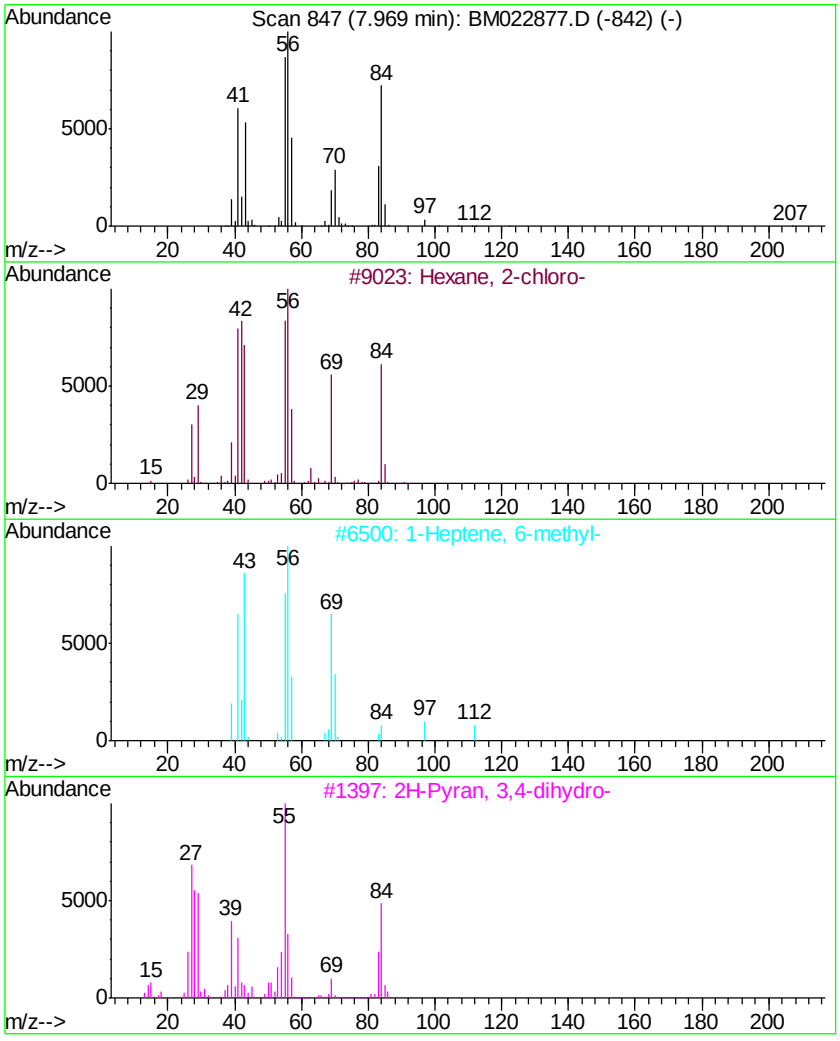
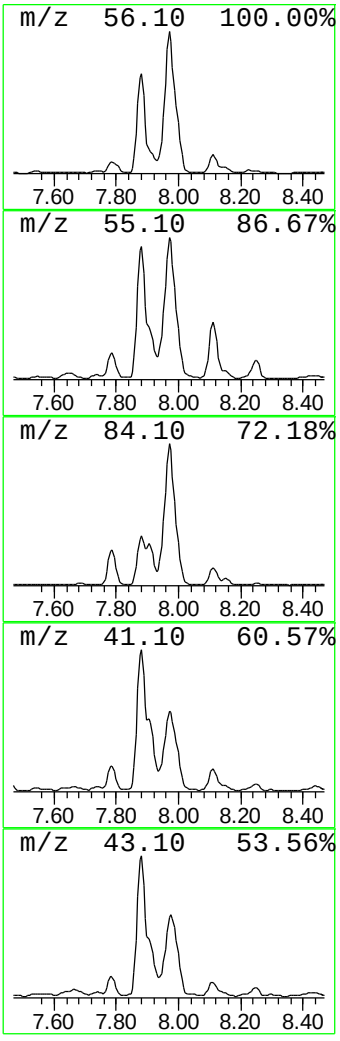
Peak Number 17 Hexane, 2-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	28.19 ng/ul	3398850	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-chloro-	120	C6H13Cl	000638-28-8	53
2	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	47
3	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	43
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	42
5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	42





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Quant Title : SVOA CALIBRATION

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

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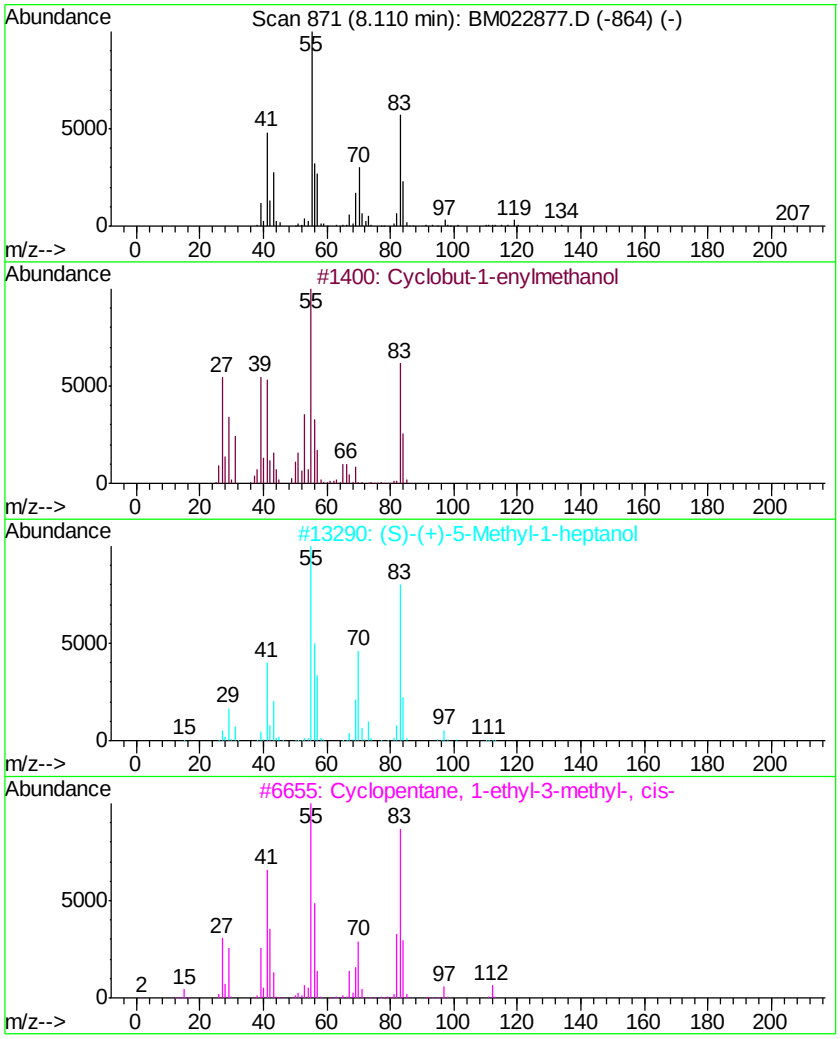
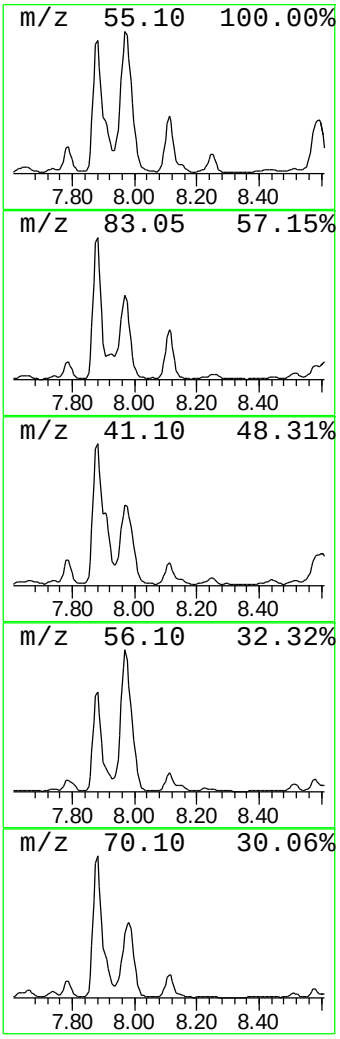
Peak Number 18 Cyclobut-1-enylmethanol Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	5.59 ng/ul	674376	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobut-1-enylmethanol	84	C5H8O	089182-08-1	58
2	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	56
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	53
4	1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	52
5	Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	50





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Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

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

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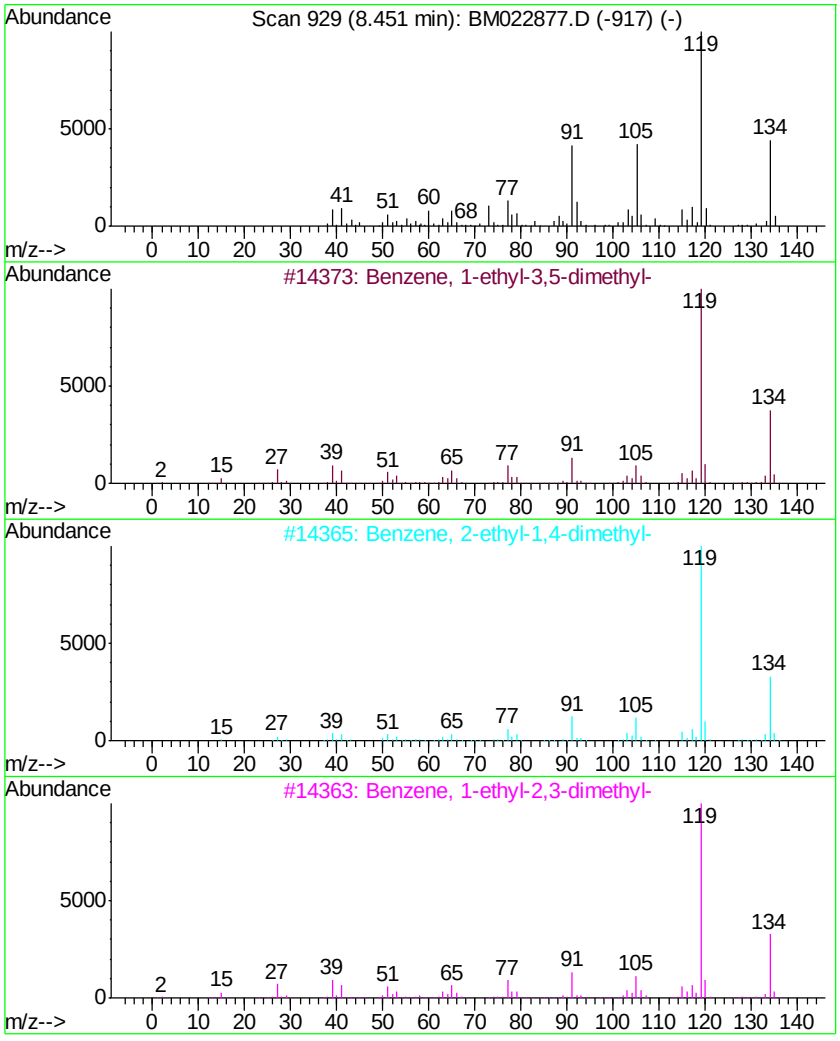
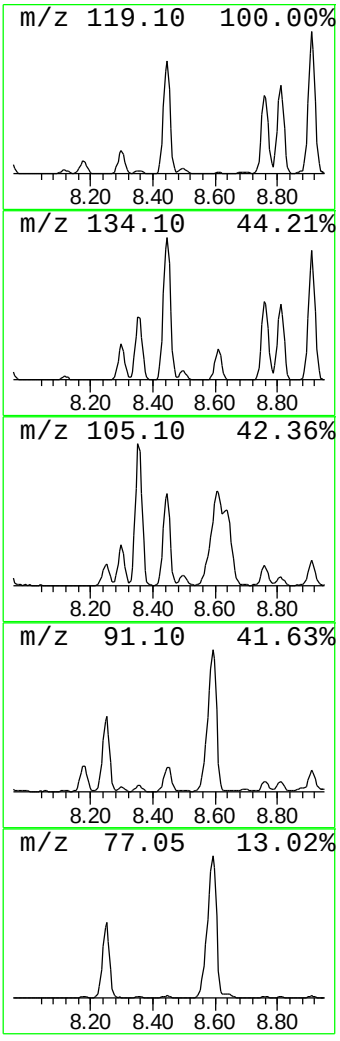
Peak Number 20 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	5.28 ng/ul	637125	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	94
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	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





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Acq On : 02 Oct 2019 05:34
Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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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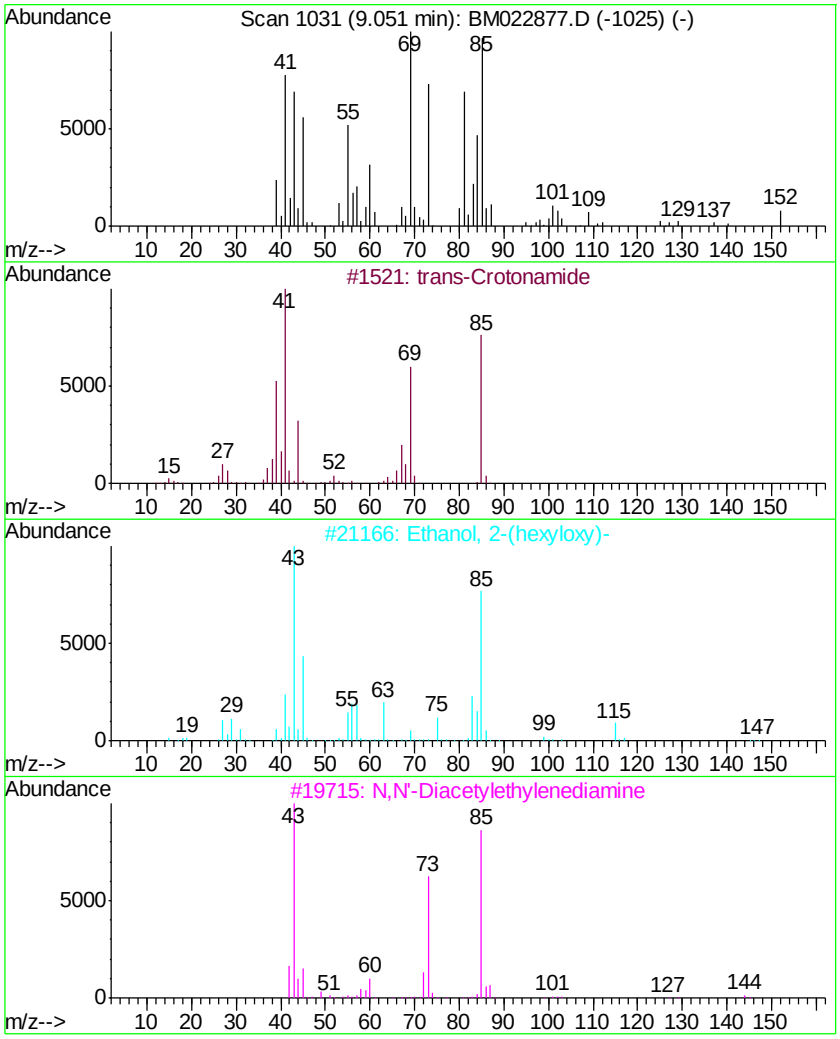
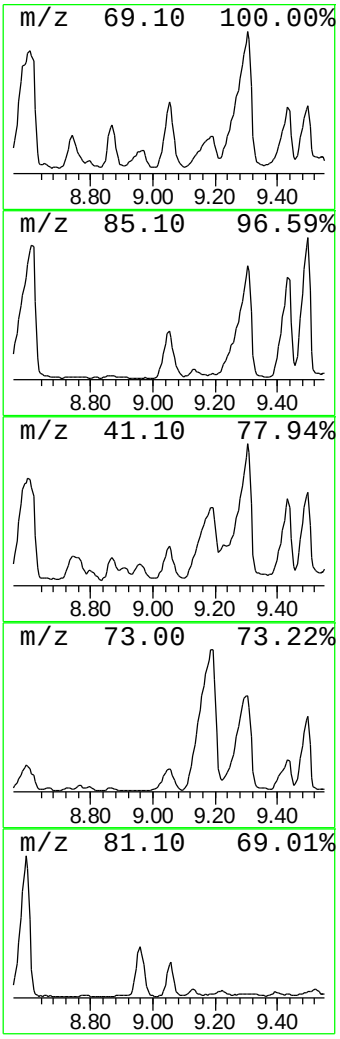
Peak Number 22 unknown-01 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	4.21 ng/ul	508068	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Crotonamide	85	C4H7NO	000625-37-6	43
2	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	27
3	N,N'-Diacetylethylenediamine	144	C6H12N2O2	000871-78-3	27
4	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	25
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	25





Library Search Compound Report

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Acq On : 02 Oct 2019 05:34
Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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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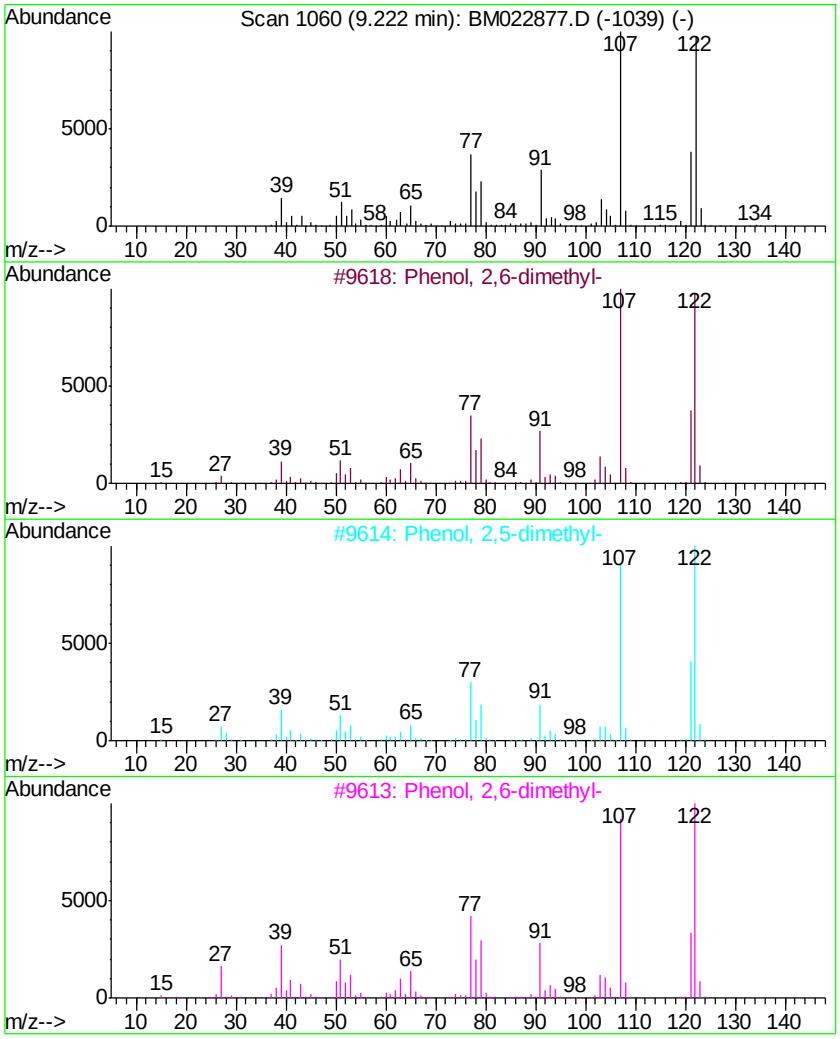
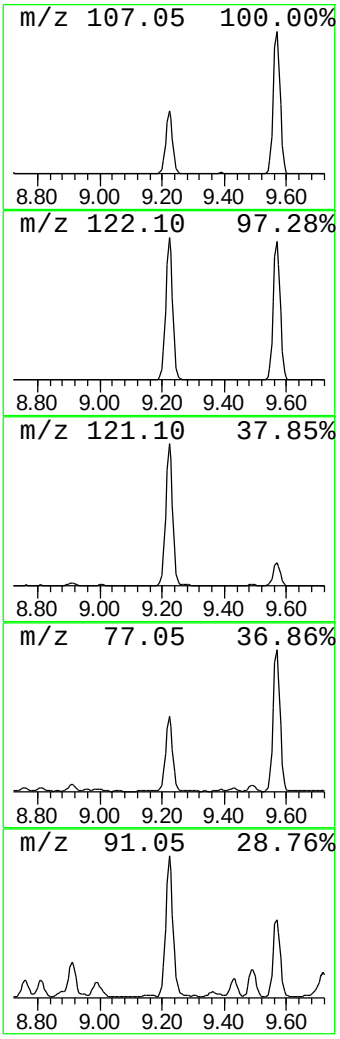
Peak Number 23 Phenol, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	32.04 ng/ul	5042690	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	97
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	96
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	96





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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

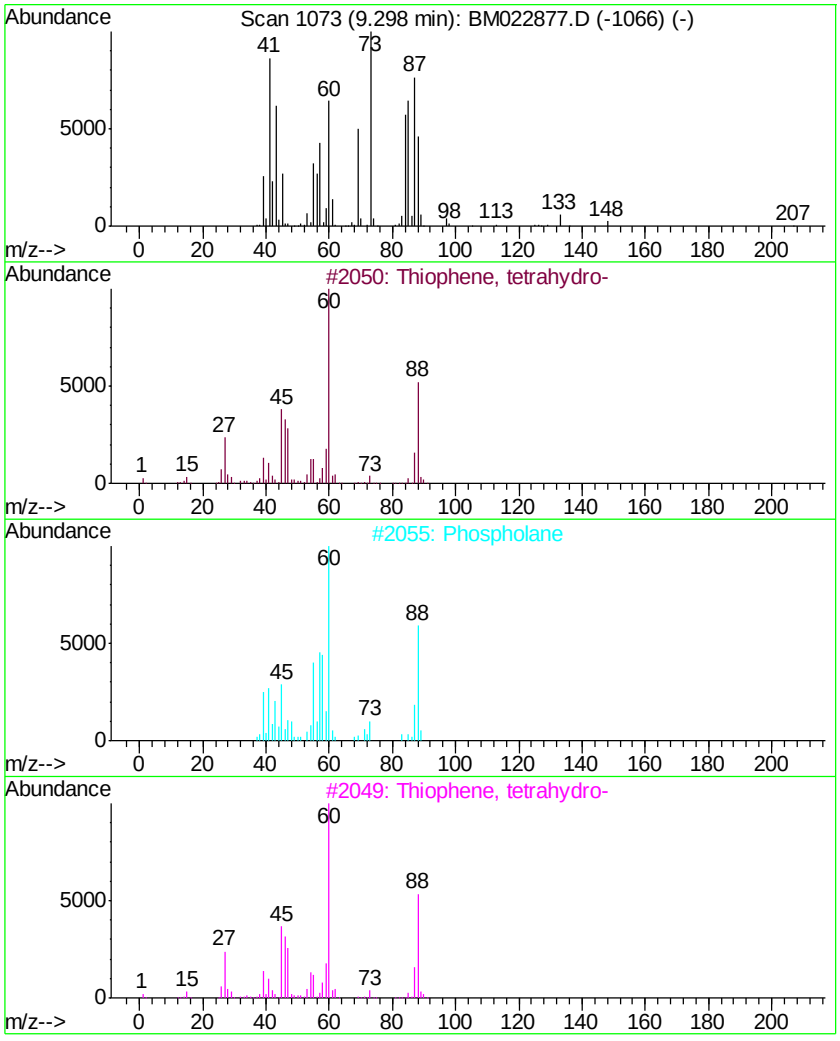
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

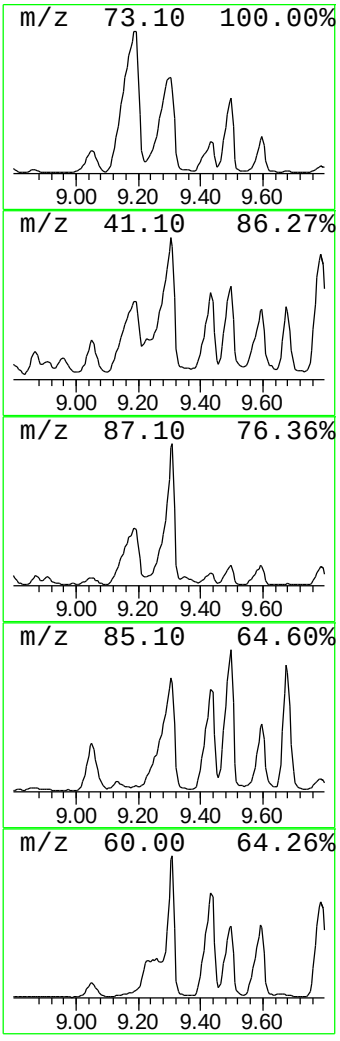
****

Peak Number 24 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	12.18 ng/ul	1917230	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	35
2	Phospholane	88	C4H9P	003466-00-0	25
3	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	25
4	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	25
5	2-Propenoic acid, 2-methyl-, hex...	170	C10H18O2	000142-09-6	16





Library Search Compound Report

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Data File : BM022877.D
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Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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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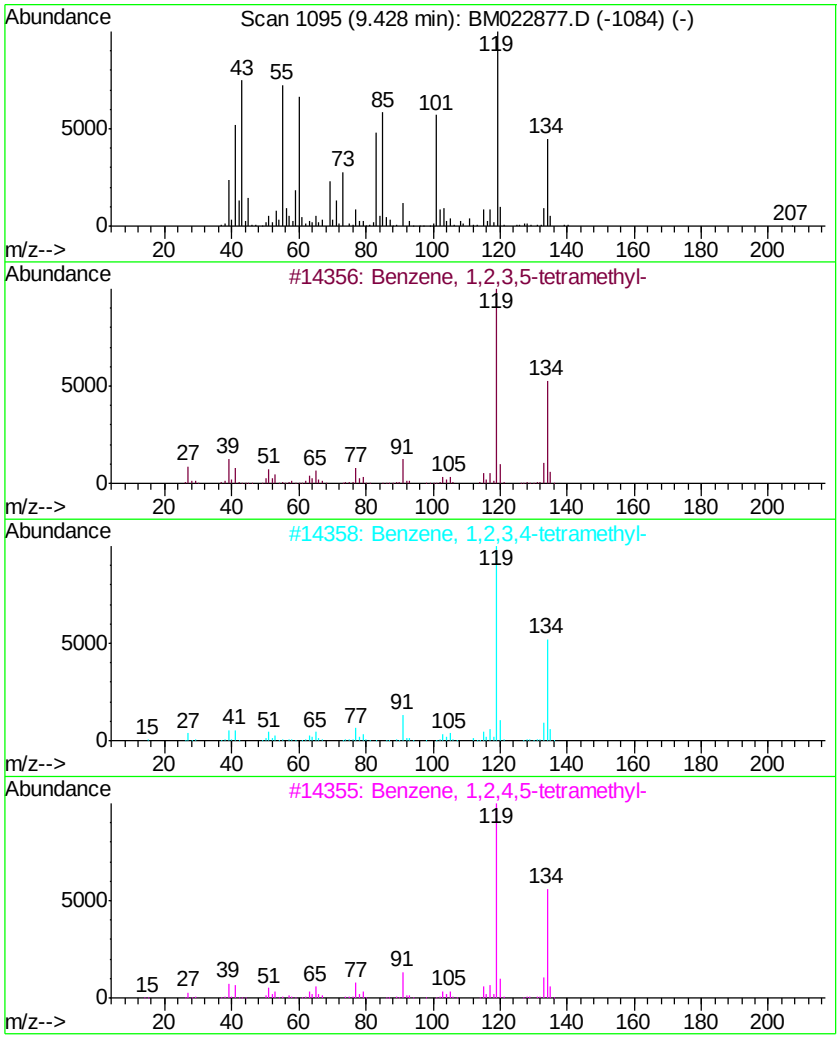
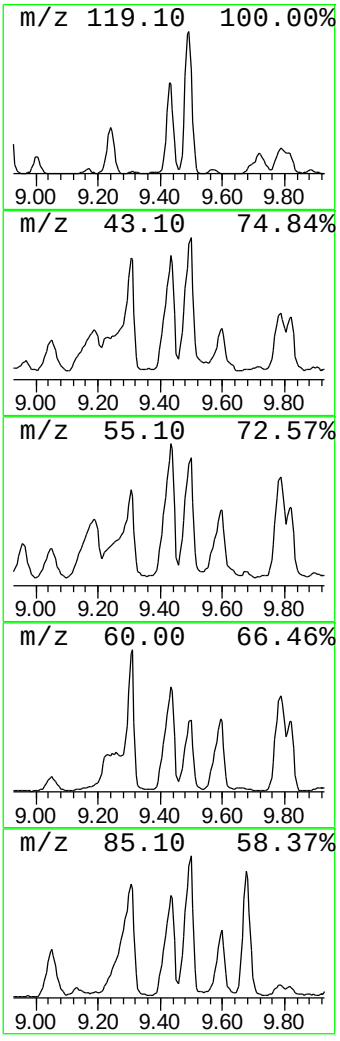
Peak Number 25 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	9.82 ng/ul	1546200	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	38





Library Search Compound Report

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Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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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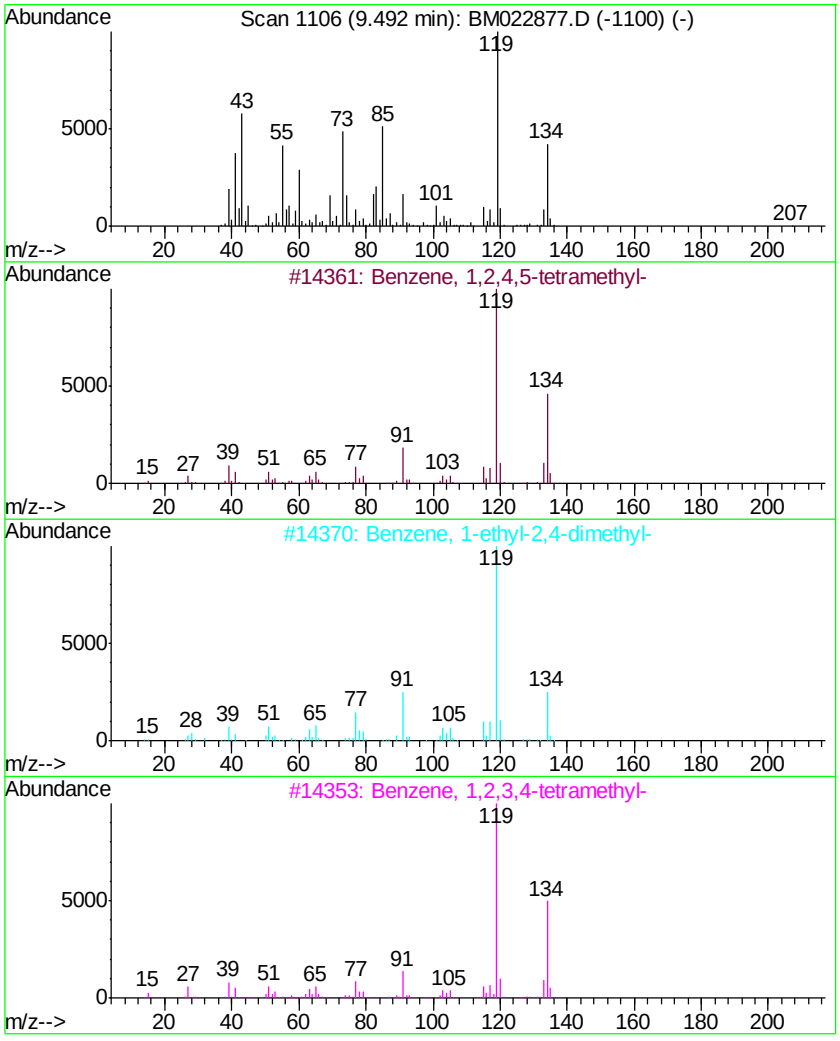
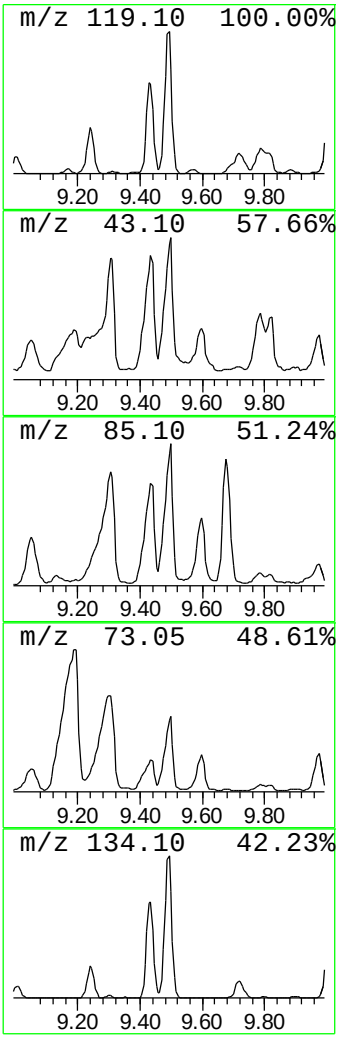
Peak Number 26 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	9.13 ng/ul	1437350	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	70





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Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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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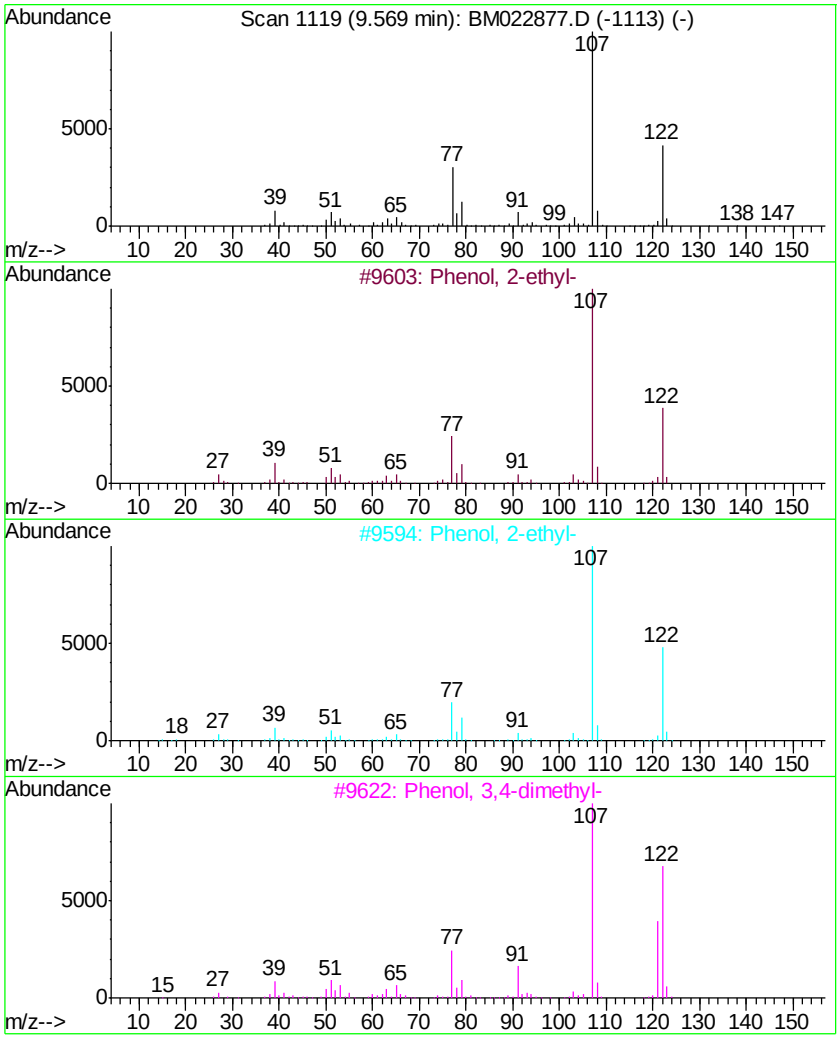
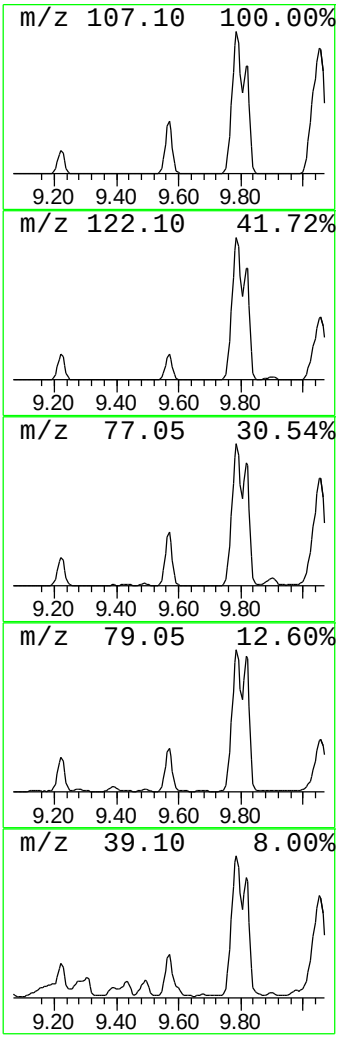
Peak Number 27 Phenol, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	24.73 ng/ul	3891540	Naphthalene-d8	10.60

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





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Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

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

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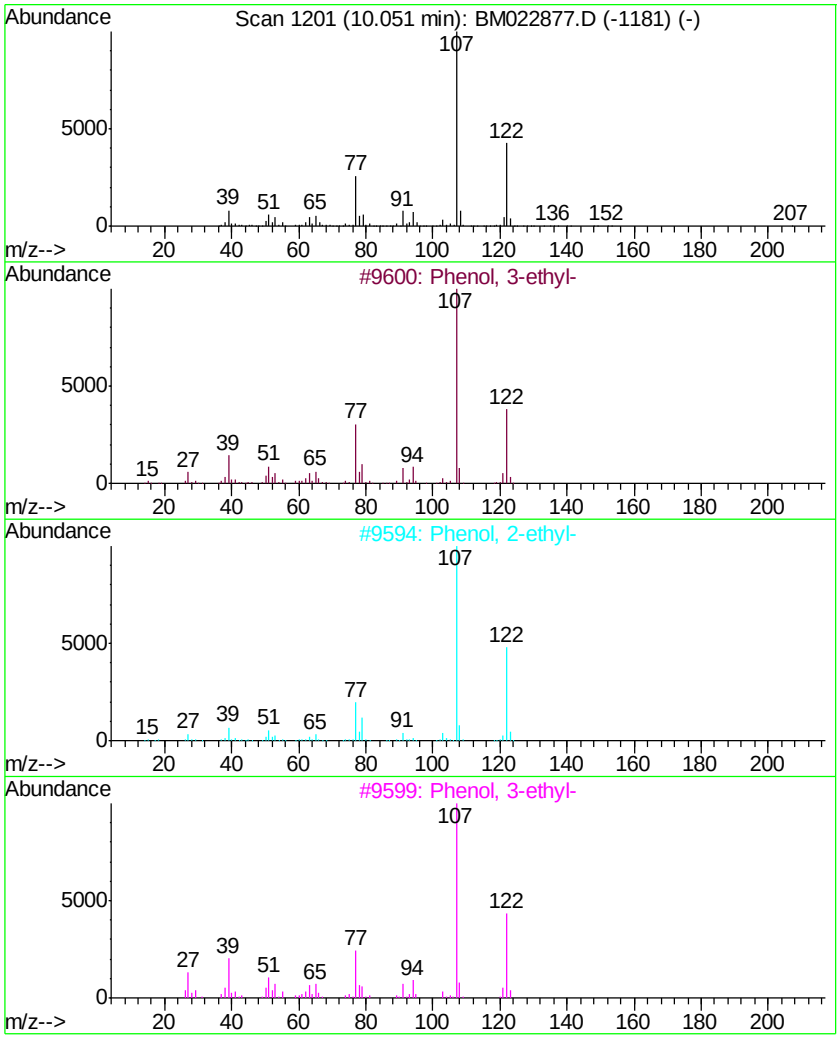
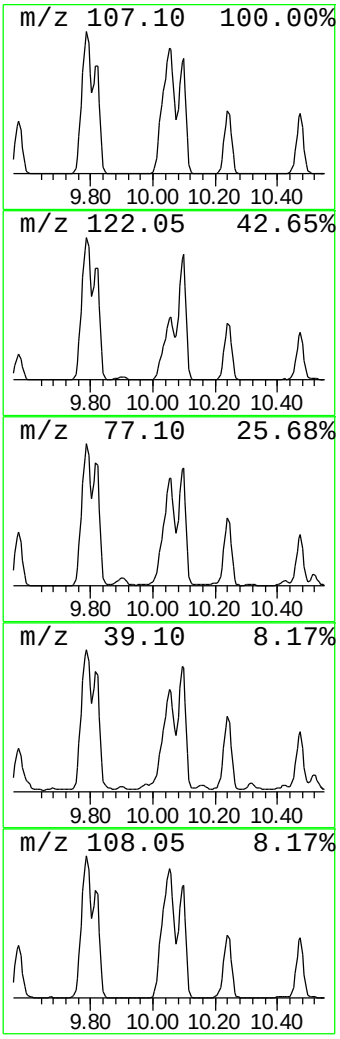
Peak Number 29 Phenol, 3-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	90.28 ng/ul	14207000	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	94
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	91





Library Search Compound Report

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

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

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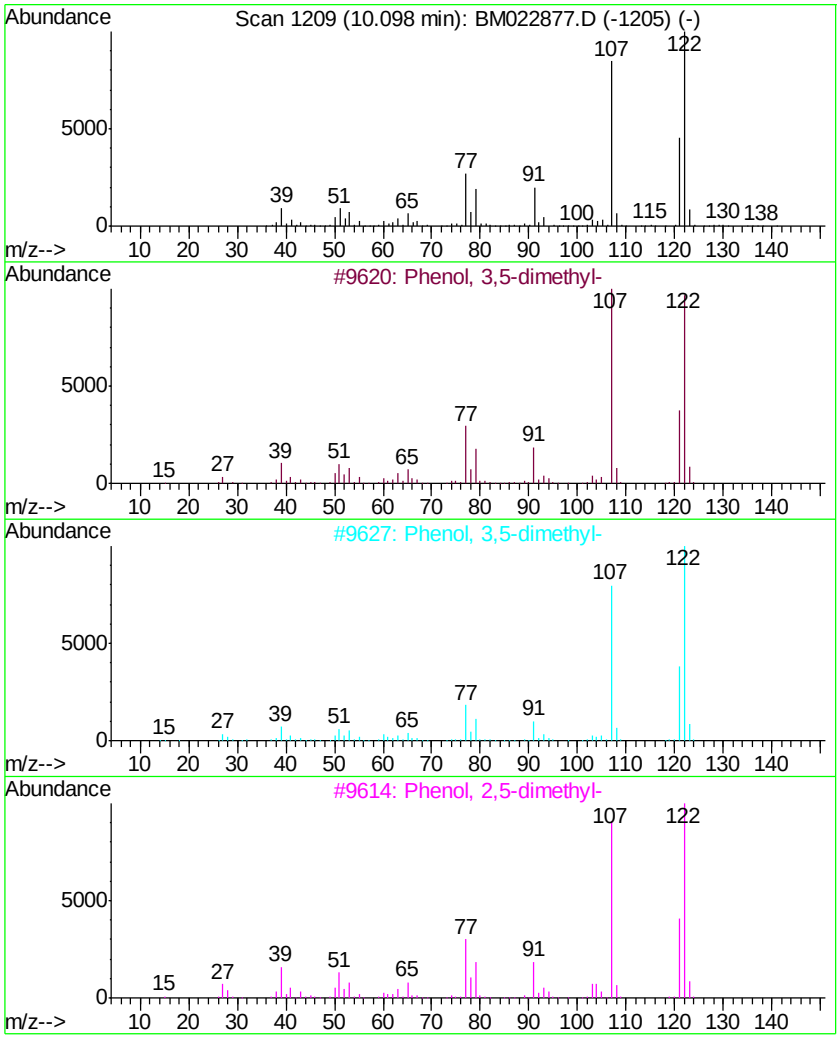
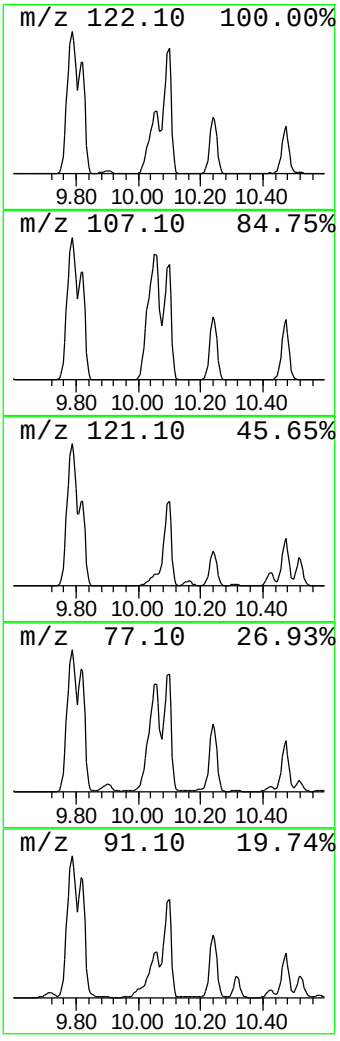
Peak Number 30 Phenol, 3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	67.97 ng/ul	10696200	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91





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Sample : K4932-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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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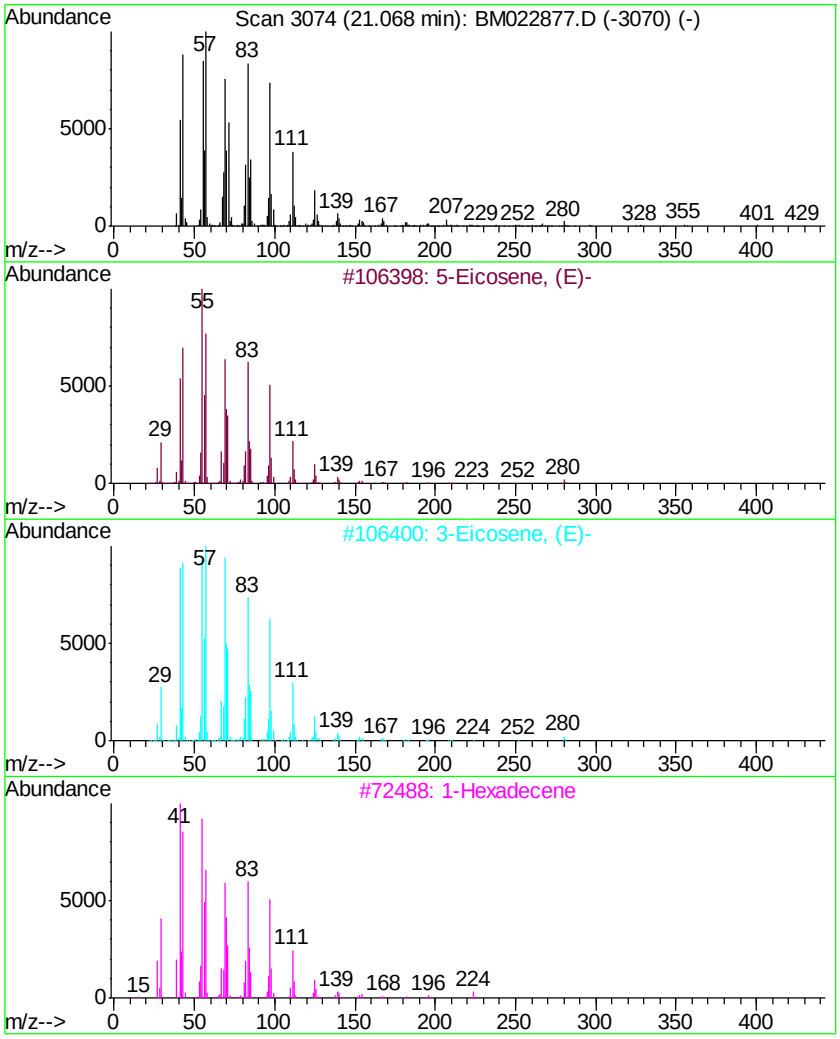
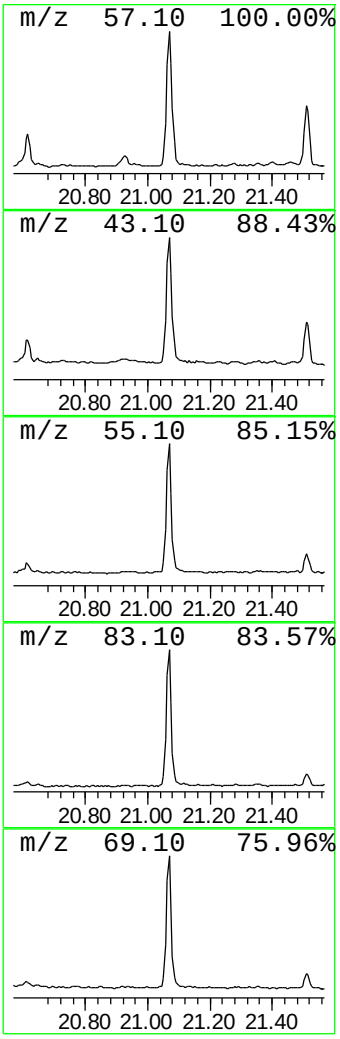
Peak Number 64 (DEL) Alkane: Cyclic21.07 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	5.30 ng/ul	817311	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
3	1-Hexadecene	224	C16H32	000629-73-2	95
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	93





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Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

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

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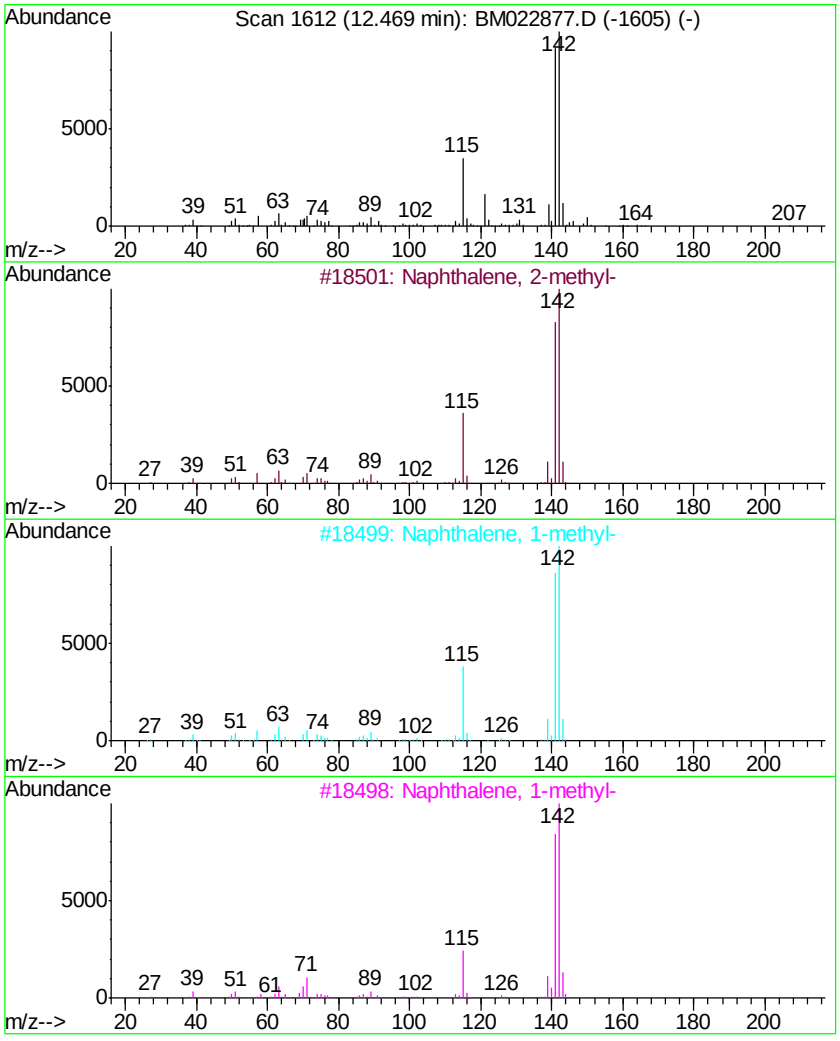
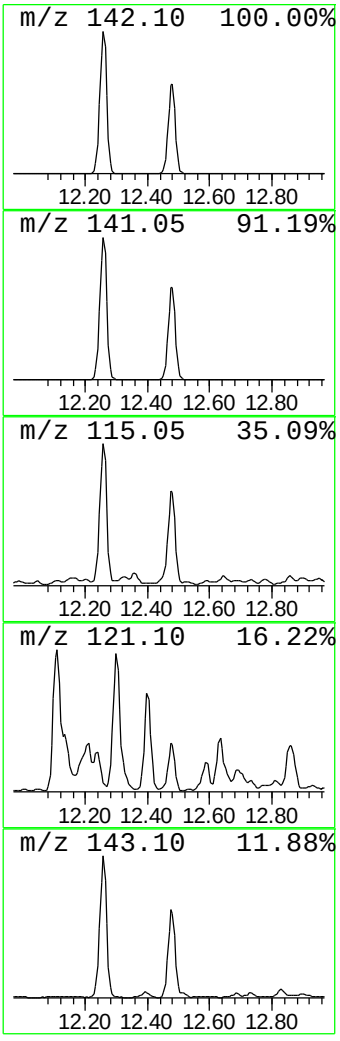
Peak Number 65 Naphthalene, 1-methyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	12.70 ng/ul	1999040	Naphthalene-d8	10.60

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, 1-methyl-	142	C11H10	000090-12-0	93
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90





Tentatively Identified Compound (LSC) summary

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Data File : BM022877.D
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Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methyl Isobutyl K...	3.61	29.1	ng/ul	3514470	1	7.80	2411660	20.0
2-Hexanol, (R)-	3.83	8.6	ng/ul	1032150	1	7.80	2411660	20.0
Toluene	4.00	33.8	ng/ul	4076030	1	7.80	2411660	20.0
Propanoic acid, 2...	4.27	5.1	ng/ul	620350	1	7.80	2411660	20.0
Propanoic acid, p...	4.45	6.5	ng/ul	790318	1	7.80	2411660	20.0
Butanoic acid, 1-...	4.90	9.5	ng/ul	1150170	1	7.80	2411660	20.0
Ethylbenzene	5.32	10.9	ng/ul	1312630	1	7.80	2411660	20.0
p-Xylene	5.46	36.8	ng/ul	4438210	1	7.80	2411660	20.0
o-Xylene	5.82	23.2	ng/ul	2802780	1	7.80	2411660	20.0
Benzene, propyl-	6.79	4.1	ng/ul	495792	1	7.80	2411660	20.0
Benzene, 1-ethyl-...	6.90	11.0	ng/ul	1325020	1	7.80	2411660	20.0
Isooctanol	7.26	17.6	ng/ul	2125570	1	7.80	2411660	20.0
Benzene, 1,2,3-tr...	7.46	27.6	ng/ul	3324630	1	7.80	2411660	20.0
1-Hexanol, 2-ethyl-	7.88	34.3	ng/ul	4134780	1	7.80	2411660	20.0
Hexane, 2-chloro-	7.97	28.2	ng/ul	3398850	1	7.80	2411660	20.0
Cyclobut-1-enylme...	8.11	5.6	ng/ul	674376	1	7.80	2411660	20.0
Benzene, 1-ethyl-...	8.45	5.3	ng/ul	637125	1	7.80	2411660	20.0
unknown-01	9.05	4.2	ng/ul	508068	1	7.80	2411660	20.0
Phenol, 2,6-dimet...	9.22	32.0	ng/ul	5042690	2	10.60	3147480	20.0
unknown-02	9.30	12.2	ng/ul	1917230	2	10.60	3147480	20.0
Benzene, 1,2,3,5-...	9.43	9.8	ng/ul	1546200	2	10.60	3147480	20.0
Benzene, 1,2,4,5-...	9.49	9.1	ng/ul	1437350	2	10.60	3147480	20.0
Phenol, 2-ethyl-	9.57	24.7	ng/ul	3891540	2	10.60	3147480	20.0
Phenol, 3-ethyl-	10.05	90.3	ng/ul	14207000	2	10.60	3147480	20.0
Phenol, 3,5-dimet...	10.10	68.0	ng/ul	10696200	2	10.60	3147480	20.0
(DEL) Alkane: Cyc...	21.07	5.3	ng/ul	817311	5	21.35	3082140	20.0
Naphthalene, 1-me...	12.47	12.7	ng/ul	1999040	2	10.60	3147480	20.0