LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023072.D
Acq On : 09 Oct 2019 07:46
Operator : JU
Sample : K5028-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK8

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	3.287	47	51	66	rVV	1903585	2428875	58.98%	2.970%
2	3.710	119	123	130	rVV	204044	238393	5.79%	0.291%
3	3.969	161	167	174	rVV2	65968	133791	3.25%	0.164%
4	4.245	209	214	221	rBV	402586	507045	12.31%	0.620%
5	4.422	239	244	252	rBV	589279	754017	18.31%	0.922%
6	4.875	313	321	330	rVV	657157	869235	21.11%	1.063%
7	5.104	354	360	373	rVB	130862	199364	4.84%	0.244%
8	5.298	386	393	401	rVV	625283	910732	22.11%	1.114%
9	5.451	410	419	438	rVB	995192	1872941	45.48%	2.290%
10	5.734	459	467	471	rBV	85424	126029	3.06%	0.154%
11	5.792	471	477	491	rVB	1831557	2754526	66.88%	3.368%
12	6.269	550	558	567	rBV	133055	210982	5.12%	0.258%
13	6.757	634	641	647	rBV	301885	486417	11.81%	0.595%
14	6.869	654	660	664	rVV	235089	349090	8.48%	0.427%
15	6.928	664	670	678	rVV3	559046	1061962	25.79%	1.298%
16	7.004	678	683	690	rVB	236793	363987	8.84%	0.445%
17	7.104	693	700	706	rBV	446047	730026	17.73%	0.893%
18	7.169	706	711	715	rVV	618275	958533	23.27%	1.172%
19	7.210	715	718	725	rVB	76170	107700	2.62%	0.132%
20	7.304	725	734	743	rBV	543698	855706	20.78%	1.046%
21	7.428	748	755	762	rVV	2380046	3688053	89.55%	4.509%
22	7.769	806	813	819	rBV	671164	1113858	27.05%	1.362%
23	7.886	828	833	842	rVB	1084539	1821843	44.24%	2.227%
24	8.145	869	877	884	rVV2	767242	1451791	35.25%	1.775%
25	8.263	891	897	902	rBV	98918	161171	3.91%	0.197%
26	8.322	902	907	917	rVB3	125887	232298	5.64%	0.284%
27	8.410	917	922	928	rBV2	237432	393803	9.56%	0.481%
28	8.475	928	933	942	rVB	430095	704316	17.10%	0.861%
29	8.575	945	950	959	rVB2	97677	176281	4.28%	0.216%
30	8.728	970	976	980	rBV	191519	287485	6.98%	0.351%
31	8.775	980	984	990	rVB	183069	284855	6.92%	0.348%
32	8.875	995	1001	1005	rBV	389412	629345	15.28%	0.769%
33	8.928	1005	1010	1021	rVV2	557234	1275513	30.97%	1.560%
34	9.204	1050	1057	1064	rBV2	117114	225958	5.49%	0.276%

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Sample : K5028-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK8

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	9.398	1076	1090	1095	rBV	230943	387013	9.40%	0.473%
36	9.457	1095	1100	1107	rVB	344137	527328	12.80%	0.645%
37	9.645	1125	1132	1139	rBV	491615	832533	20.21%	1.018%
38	9.816	1156	1161	1169	rVV2	298715	540636	13.13%	0.661%
39	9.963	1177	1186	1195	rVV2	561474	1146452	27.84%	1.402%
40	10.051	1195	1201	1207	rVV5	76533	232135	5.64%	0.284%
41	10.110	1207	1211	1216	rVV3	72557	149112	3.62%	0.182%
42	10.180	1216	1223	1233	rVV	795247	1433487	34.81%	1.753%
43	10.357	1243	1253	1256	rBV7	38303	102158	2.48%	0.125%
44	10.480	1270	1274	1278	rVV2	58360	101943	2.48%	0.125%
45	10.557	1278	1287	1292	rVV	951952	1816691	44.11%	2.221%
46	10.610	1292	1296	1303	rVV	1363491	2205749	53.56%	2.697%
47	10.698	1303	1311	1322	rVV3	462794	1098364	26.67%	1.343%
48	10.833	1328	1334	1339	rVB	53531	109644	2.66%	0.134%
49	10.922	1344	1349	1355	rBV4	62396	108161	2.63%	0.132%
50	11.110	1375	1381	1384	rBV2	59342	121879	2.96%	0.149%
51	11.474	1439	1443	1448	rVB	71664	122650	2.98%	0.150%
52	11.586	1457	1462	1471	rVV7	80372	193045	4.69%	0.236%
53	11.674	1471	1477	1483	rVB2	129500	236307	5.74%	0.289%
54	11.757	1485	1491	1499	rVB3	67921	153216	3.72%	0.187%
55	11.904	1507	1516	1521	rBV	1015982	1643133	39.90%	2.009%
56	11.951	1521	1524	1529	rVB2	75377	106000	2.57%	0.130%
57	12.221	1564	1570	1576	rBV	982796	1532790	37.22%	1.874%
58	12.445	1598	1608	1614	rBV	786091	1244048	30.21%	1.521%
59	12.610	1630	1636	1640	rBV6	70755	134996	3.28%	0.165%
60	12.751	1655	1660	1666	rBV	224123	331209	8.04%	0.405%
61	13.116	1717	1722	1731	rBV10	46030	121411	2.95%	0.148%
62	13.198	1731	1736	1740	rBV3	98745	178902	4.34%	0.219%
63	13.251	1740	1745	1753	rVB	559513	853719	20.73%	1.044%
64	13.445	1770	1778	1779	rBV2	65796	121604	2.95%	0.149%
65	13.586	1796	1802	1807	rVV3	97979	243063	5.90%	0.297%
66	13.733	1821	1827	1831	rBV2	179027	360835	8.76%	0.441%
67	13.786	1832	1836	1837	rVV	100285	137325	3.33%	0.168%
68	13.821	1837	1842	1846	rVB	1287167	1782807	43.29%	2.180%
69	13.868	1846	1850	1854	rBV	492205	654707	15.90%	0.800%
70	13.968	1862	1867	1870	rBV	74742	111703	2.71%	0.137%
71	14.004	1870	1873	1881	rVB4	73789	150768	3.66%	0.184%

LSC Area Percent Report

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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK8

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

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

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

72	14.098	1883	1889	1899	rBV2	1508066	2371370	57.58%	2.899%
73	14.262	1913	1917	1921	rVB2	98243	137236	3.33%	0.168%
74	14.410	1933	1942	1949	rBV	1359258	2298831	55.82%	2.811%
75	14.468	1949	1952	1960	rVB	203669	322991	7.84%	0.395%
76	14.604	1970	1975	1982	rVV5	126980	244235	5.93%	0.299%
77	14.804	2005	2009	2017	rVB4	55252	124658	3.03%	0.152%
78	15.180	2065	2073	2075	rBV4	75896	154994	3.76%	0.190%
79	15.298	2086	2093	2100	rVB2	111890	211269	5.13%	0.258%
80	15.404	2105	2111	2116	rBV	2029588	2940159	71.39%	3.595%
81	15.451	2116	2119	2124	rVB	125143	190981	4.64%	0.234%
82	15.515	2124	2130	2138	rBV	607367	869382	21.11%	1.063%
83	15.633	2147	2150	2154	rBV	87955	119098	2.89%	0.146%
84	15.733	2162	2167	2171	rBV	87381	149740	3.64%	0.183%
85	15.909	2193	2197	2205	rVB2	241013	395215	9.60%	0.483%
86	16.080	2222	2226	2230	rBV	153184	205610	4.99%	0.251%
87	16.421	2279	2284	2287	rBV2	129113	195533	4.75%	0.239%
88	17.151	2402	2408	2412	rBV2	1479371	2118950	51.45%	2.591%
89	17.192	2412	2415	2419	rVV	221868	337959	8.21%	0.413%
90	17.245	2419	2424	2434	rVB	2133277	3162757	76.80%	3.867%
91	18.050	2553	2561	2575	rBV3	513938	942918	22.90%	1.153%
92	19.333	2775	2779	2787	rVV2	194330	292458	7.10%	0.358%
93	19.544	2809	2815	2819	rBV	2667080	3756404	91.21%	4.593%
94	19.586	2819	2822	2831	rVB	389840	520376	12.64%	0.636%
95	21.044	3067	3070	3079	rBV	389278	521045	12.65%	0.637%
96	21.333	3114	3119	3124	rBV	1814060	2378898	57.76%	2.909%
97	22.391	3296	3299	3304	rVB	158584	195315	4.74%	0.239%
98	22.903	3383	3386	3392	rVB2	152689	200431	4.87%	0.245%
99	23.438	3470	3477	3490	rVB	2080252	4118400	100.00%	5.035%
100	23.580	3495	3501	3513	rVB	1379147	2618434	63.58%	3.201%

Sum of corrected areas: 81789091

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023072.D
Acq On : 09 Oct 2019 07:46
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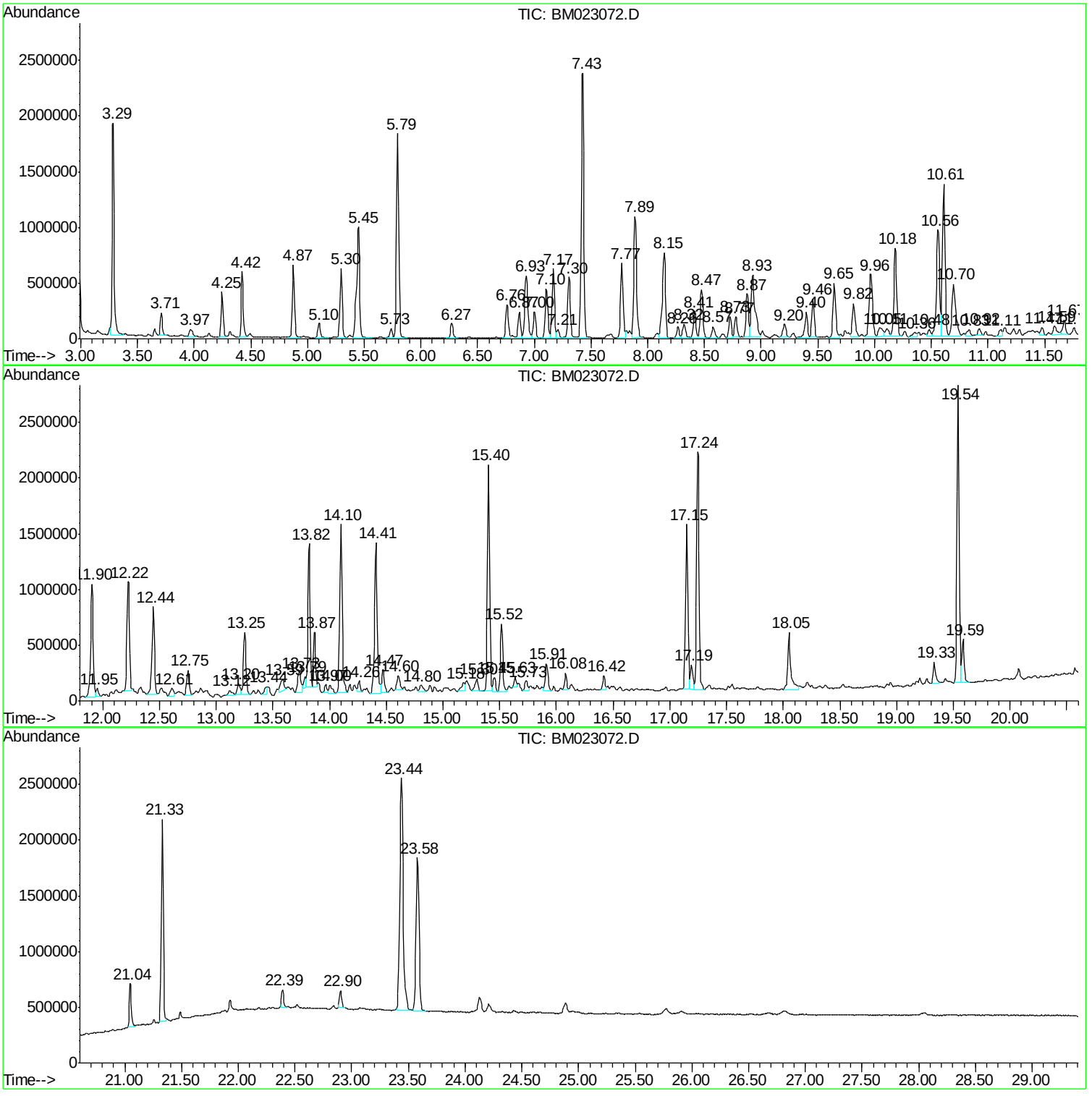
Sample : K5028-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK8

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
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Acq On : 09 Oct 2019 07:46
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Instrument : BNA_M
ClientSampleId : BFDK8

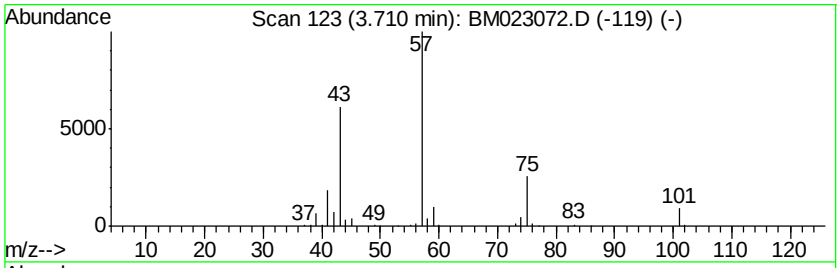
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

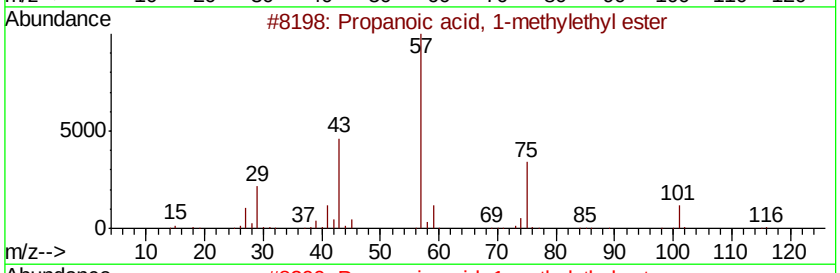
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

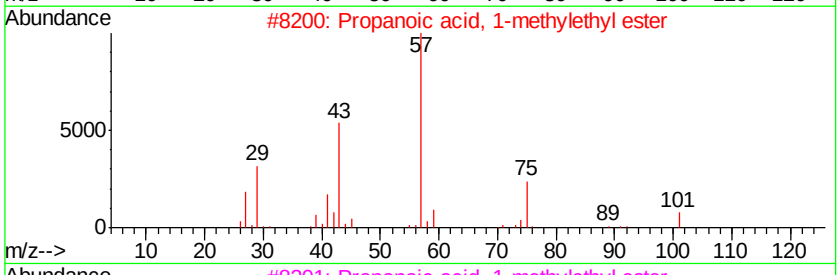
****
Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 26

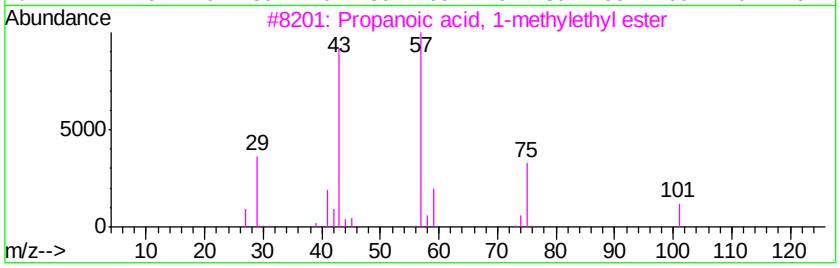
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	4.28 ng/ul	238393	1,4-Dichlorobenzene-d4	7.77

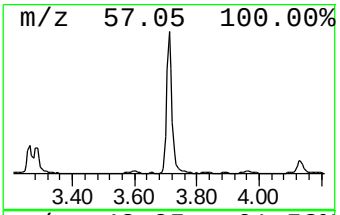
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	10

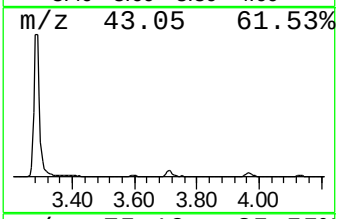


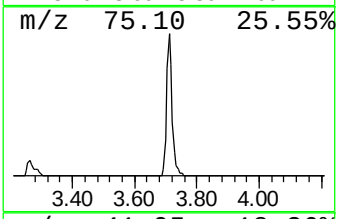


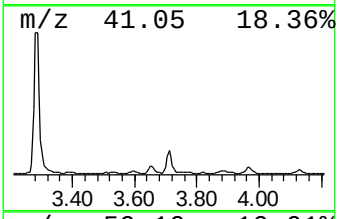


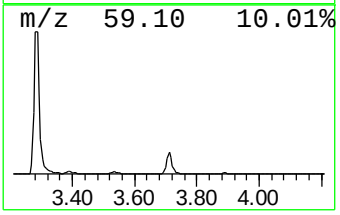












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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

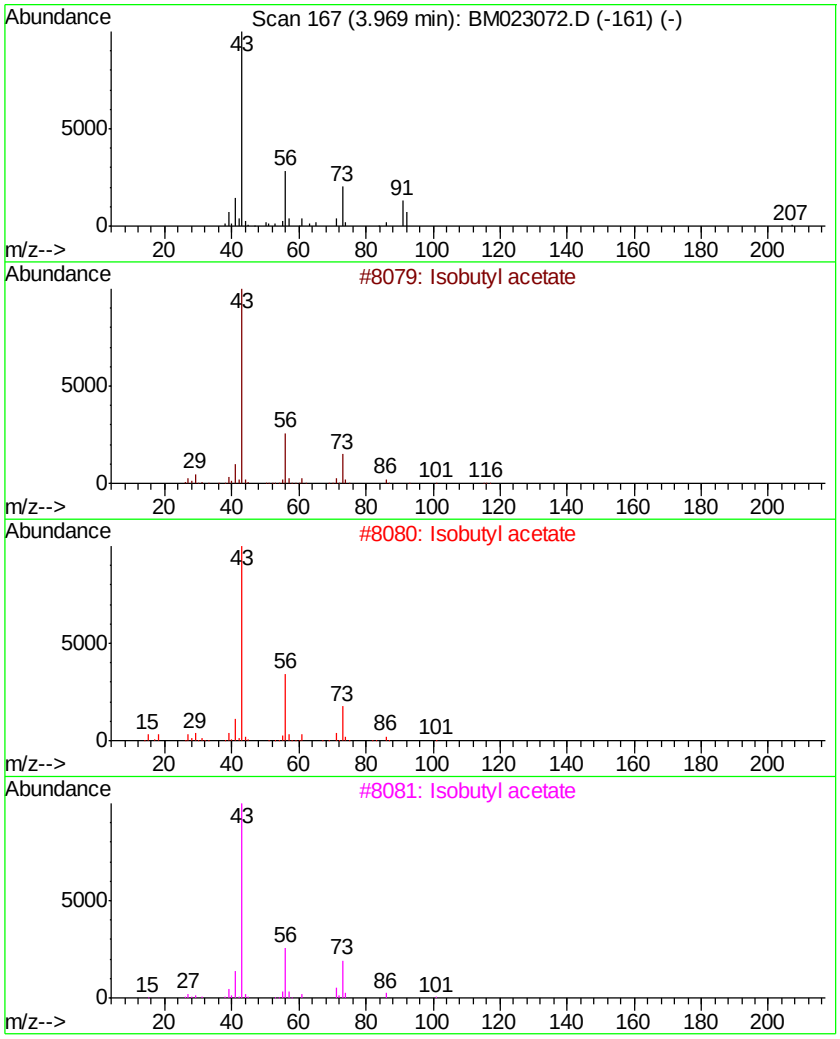
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

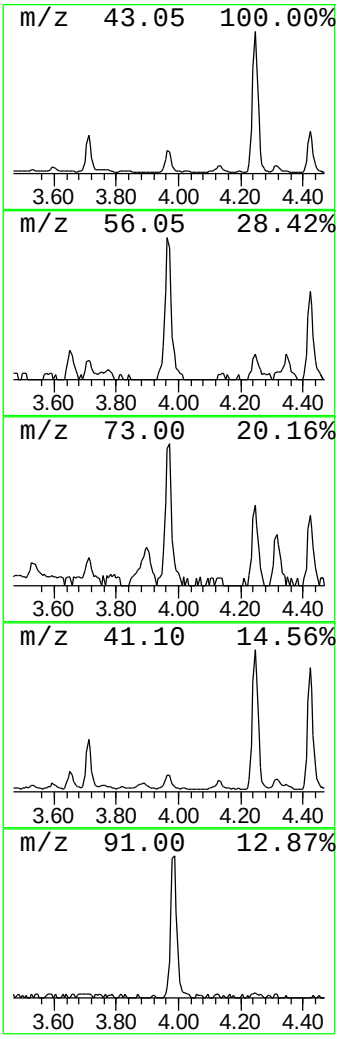
****

Peak Number 2 Isobutyl acetate Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.97	2.40 ng/ul	133791	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl acetate	116	C6H12O2	000110-19-0	64
2	Isobutyl acetate	116	C6H12O2	000110-19-0	64
3	Isobutyl acetate	116	C6H12O2	000110-19-0	50
4	Isobutyl acetate	116	C6H12O2	000110-19-0	47
5	Isobutyl acetate	116	C6H12O2	000110-19-0	43





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Quant Title : SVOA CALIBRATION

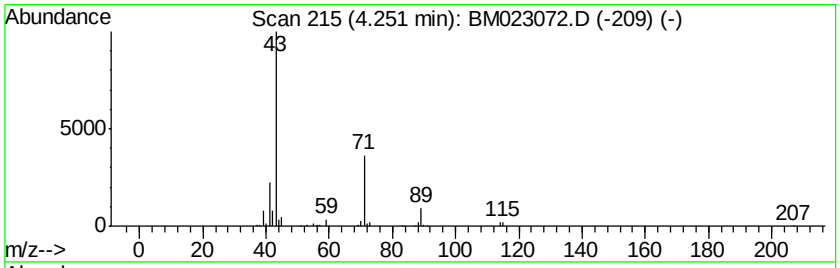
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

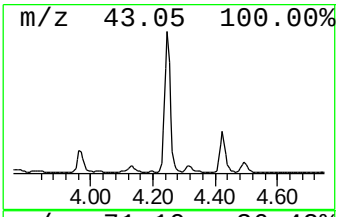
****

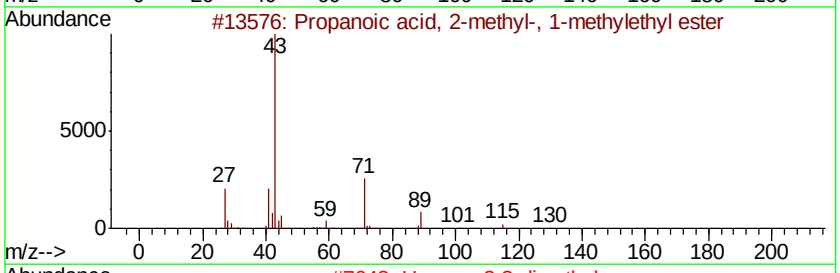
Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 14

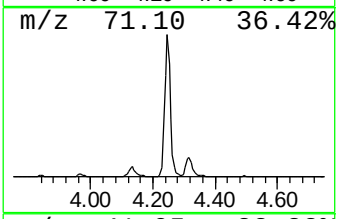
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	9.10 ng/ul	507045	1,4-Dichlorobenzene-d4	7.77

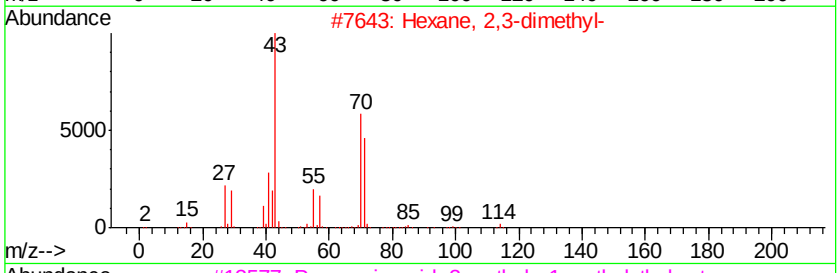
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	53
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	45
5	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	40

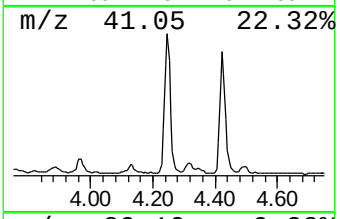


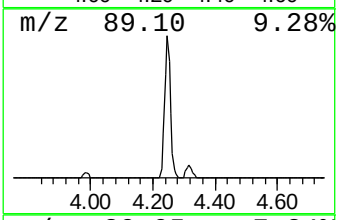


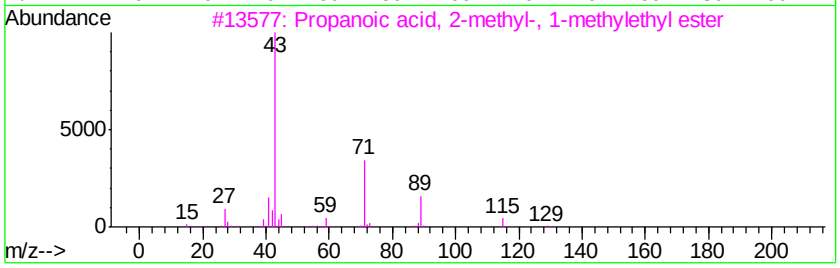


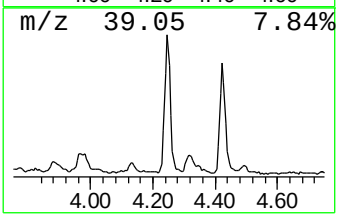












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Acq On : 09 Oct 2019 07:46
Operator : JU
Sample : K5028-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK8

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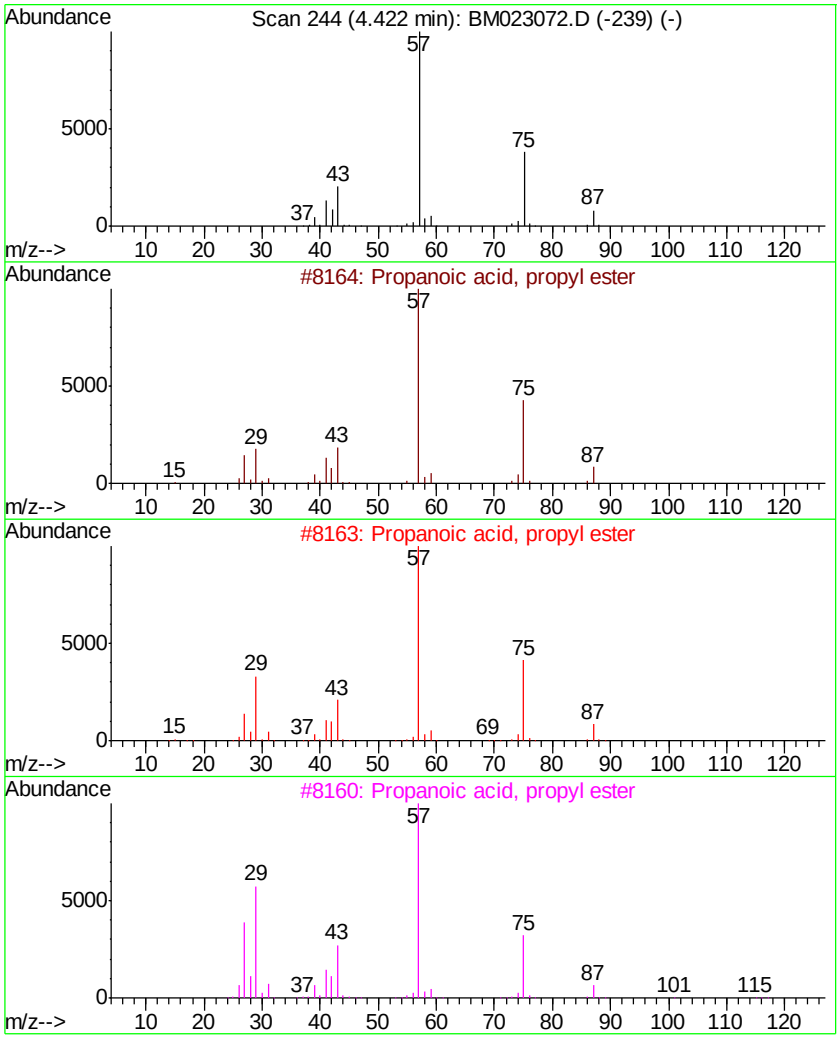
Quant Title : SVOA CALIBRATION

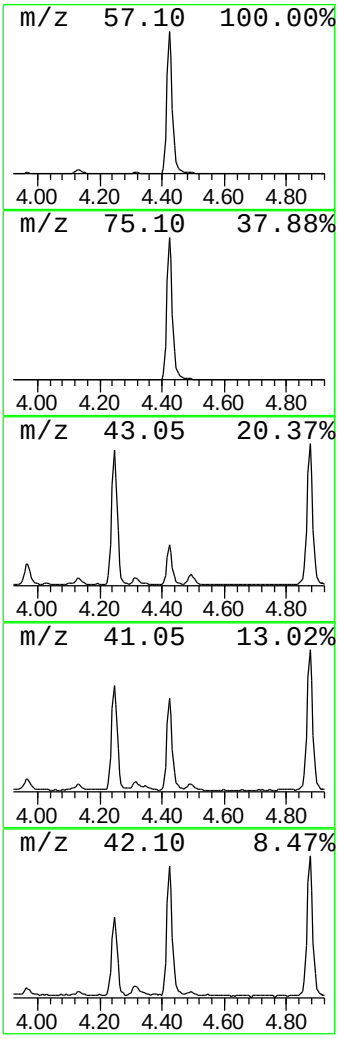
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Propanoic acid, propyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	13.54 ng/ul	754017	1,4-Dichlorobenzene-d4	7.77

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	78
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	74
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38





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Instrument : BNA_M
ClientSampleId : BFDK8

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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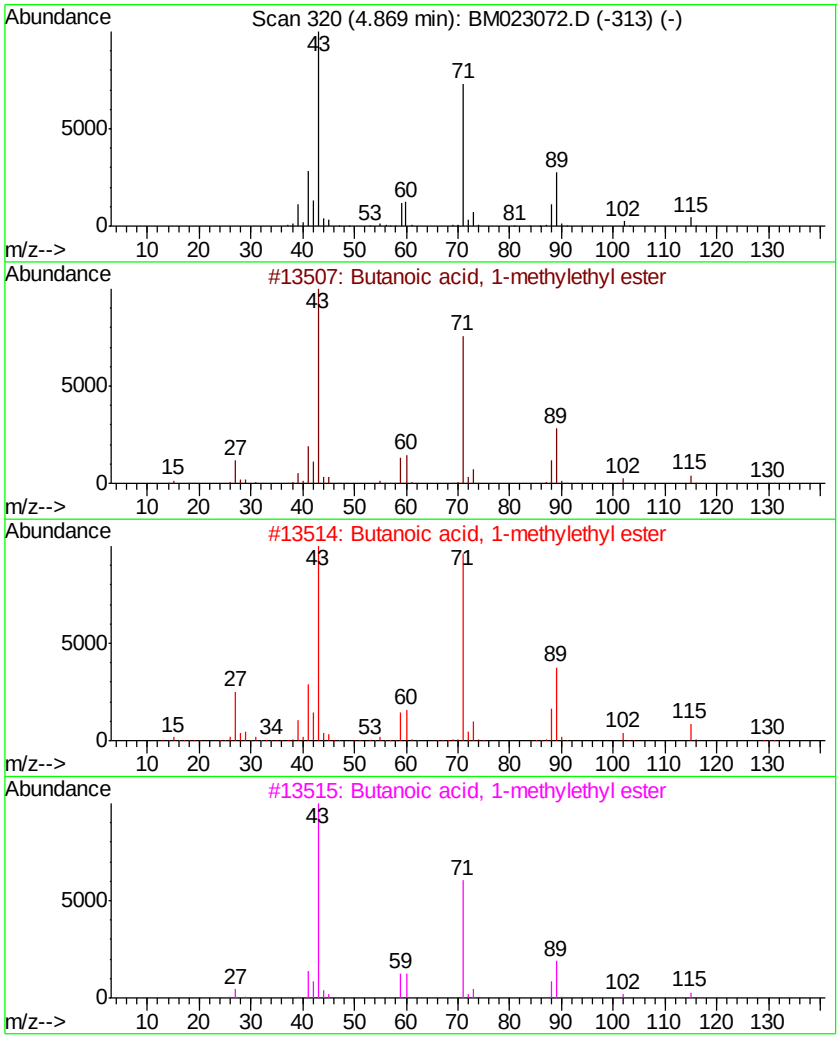
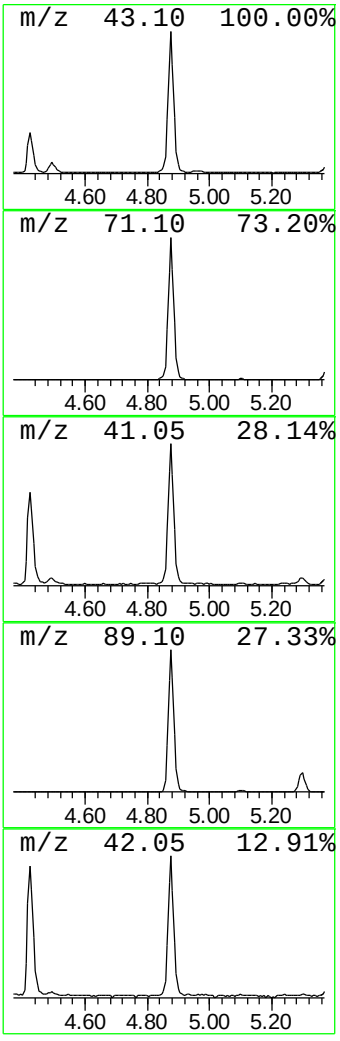
Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	15.61 ng/ul	869235	1,4-Dichlorobenzene-d4	7.77

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, propyl ester	130	C7H14O2	000105-66-8	64
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53





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Instrument : BNA_M
ClientSampleId : BFDK8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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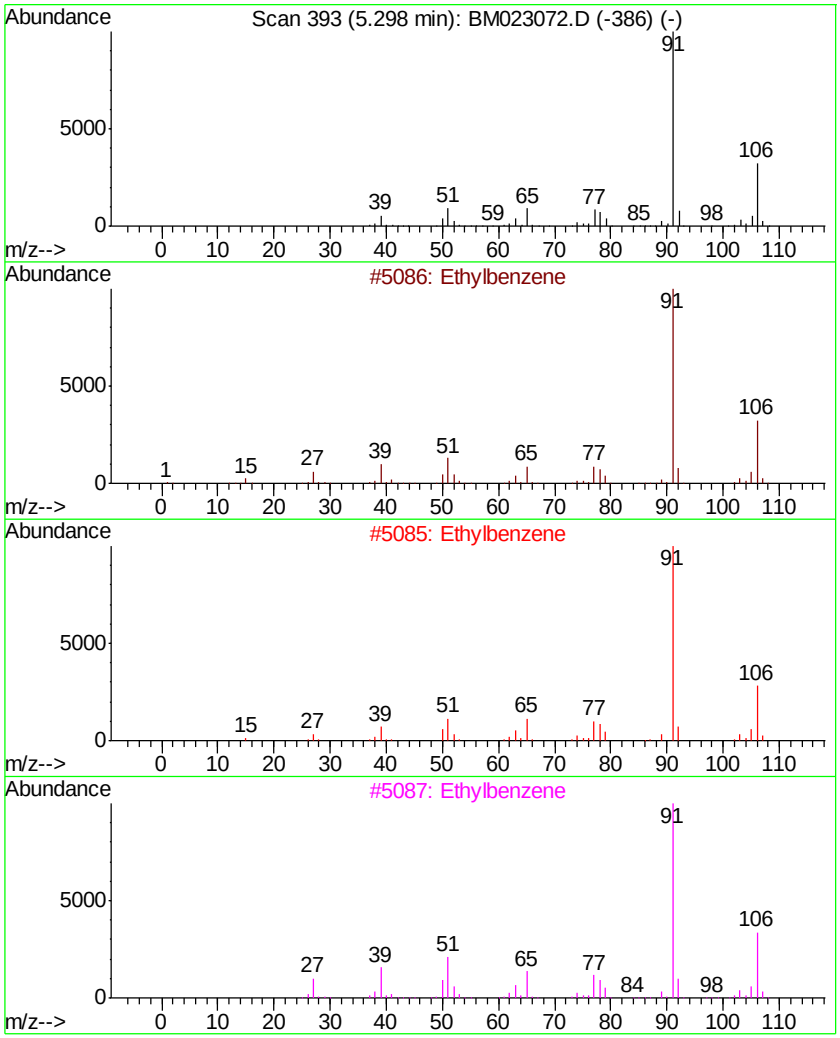
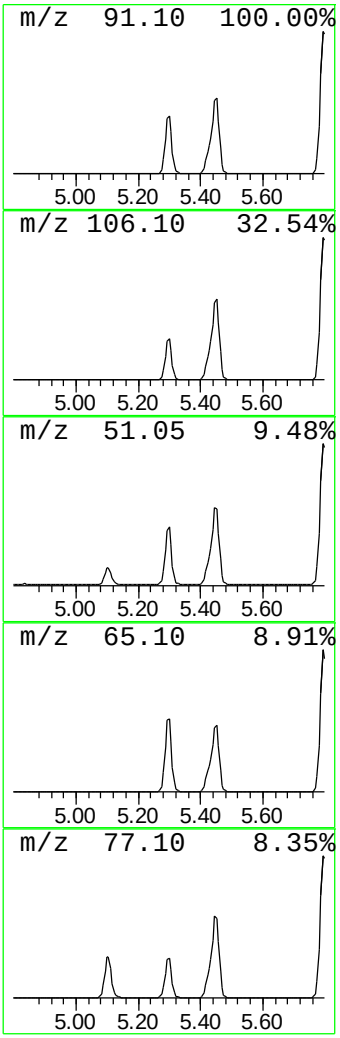
Peak Number 7 Ethylbenzene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	16.35 ng/ul	910732	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	p-Xylene	106	C8H10	000106-42-3	72





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Instrument : BNA_M
ClientSampleId : BFDK8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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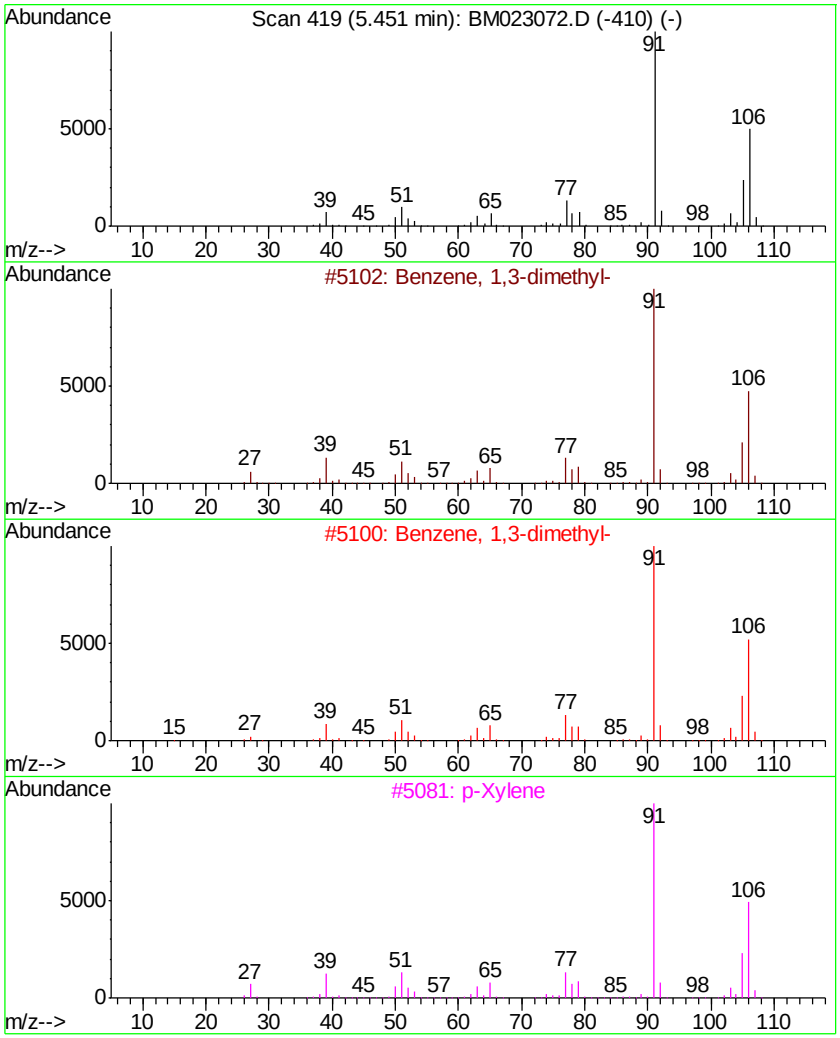
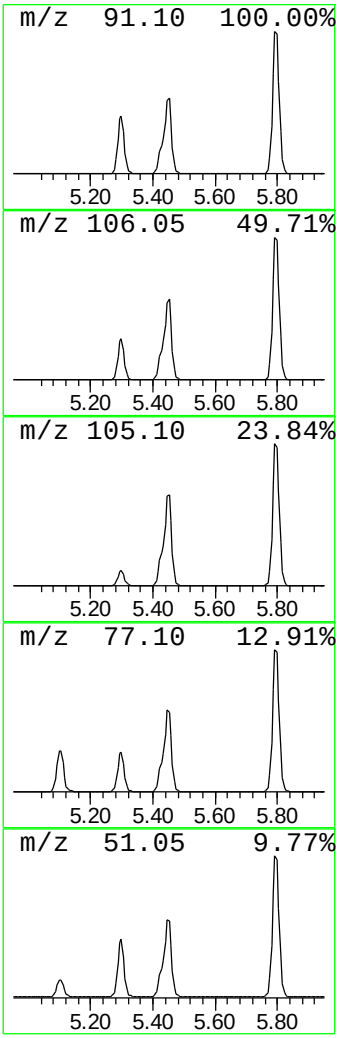
Peak Number 8 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	33.63 ng/ul	1872940	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	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\NIST11.L
TIC Integration Parameters: LSCINT.P

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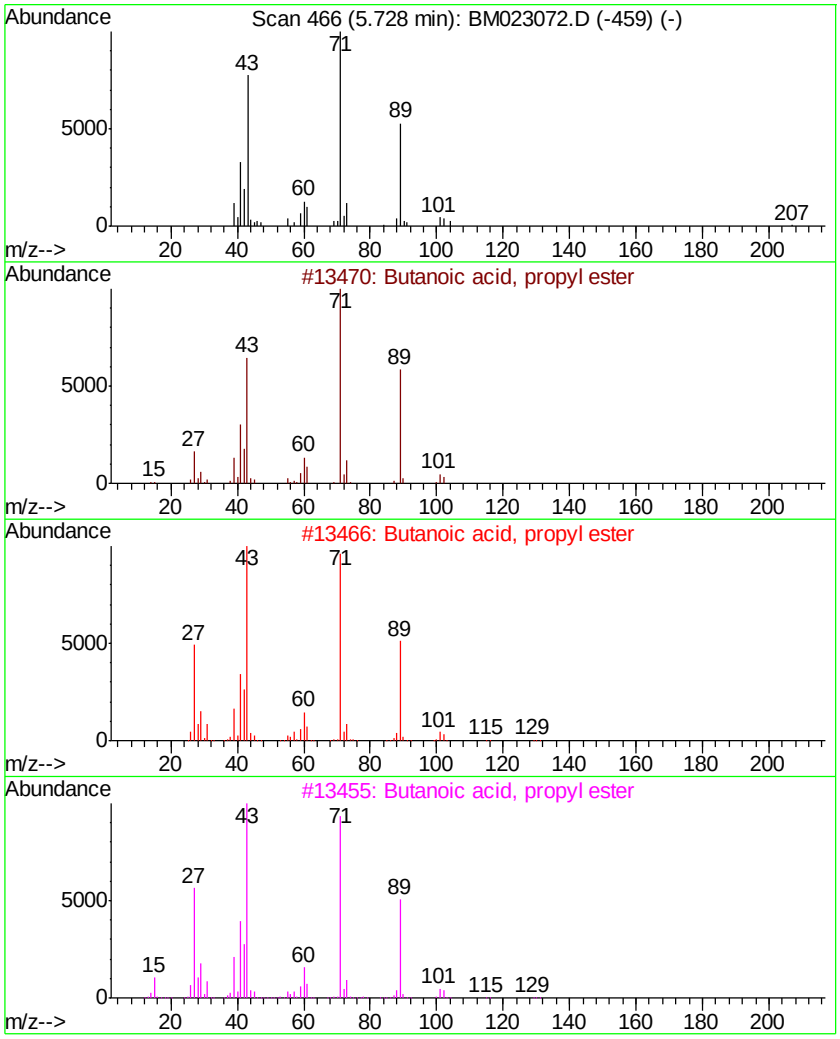
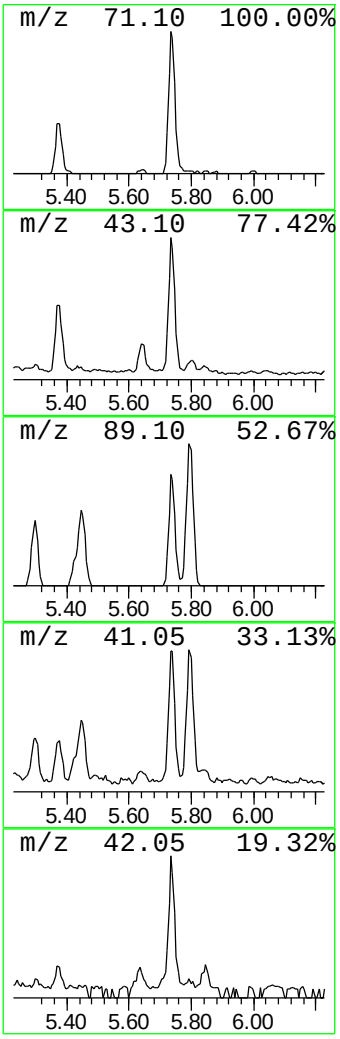
Peak Number 9 Butanoic acid, propyl ester Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	2.26 ng/ul	126029	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	86
5	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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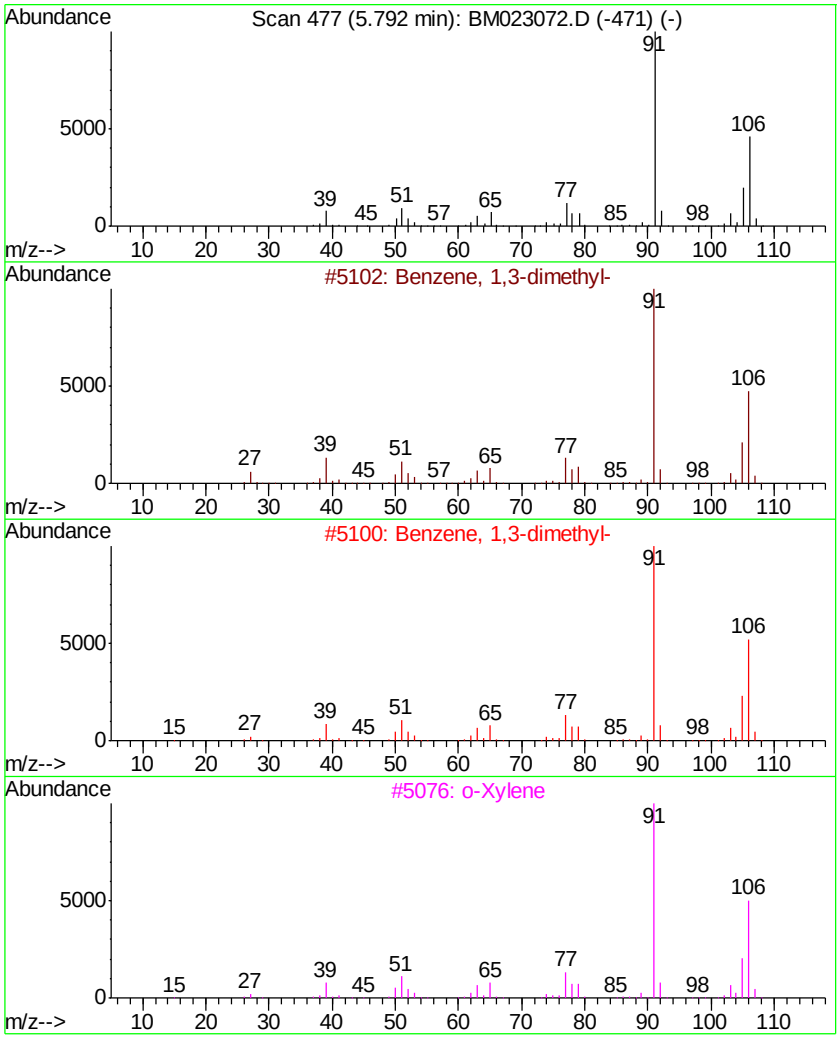
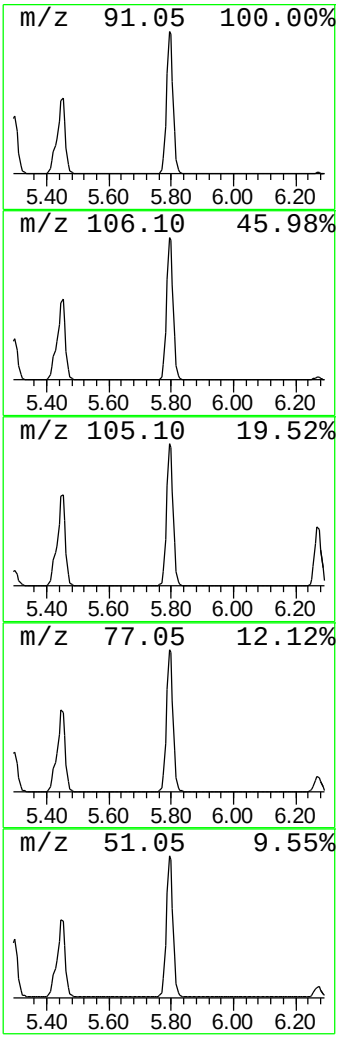
Peak Number 10 o-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	49.46 ng/ul	2754530	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	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	95





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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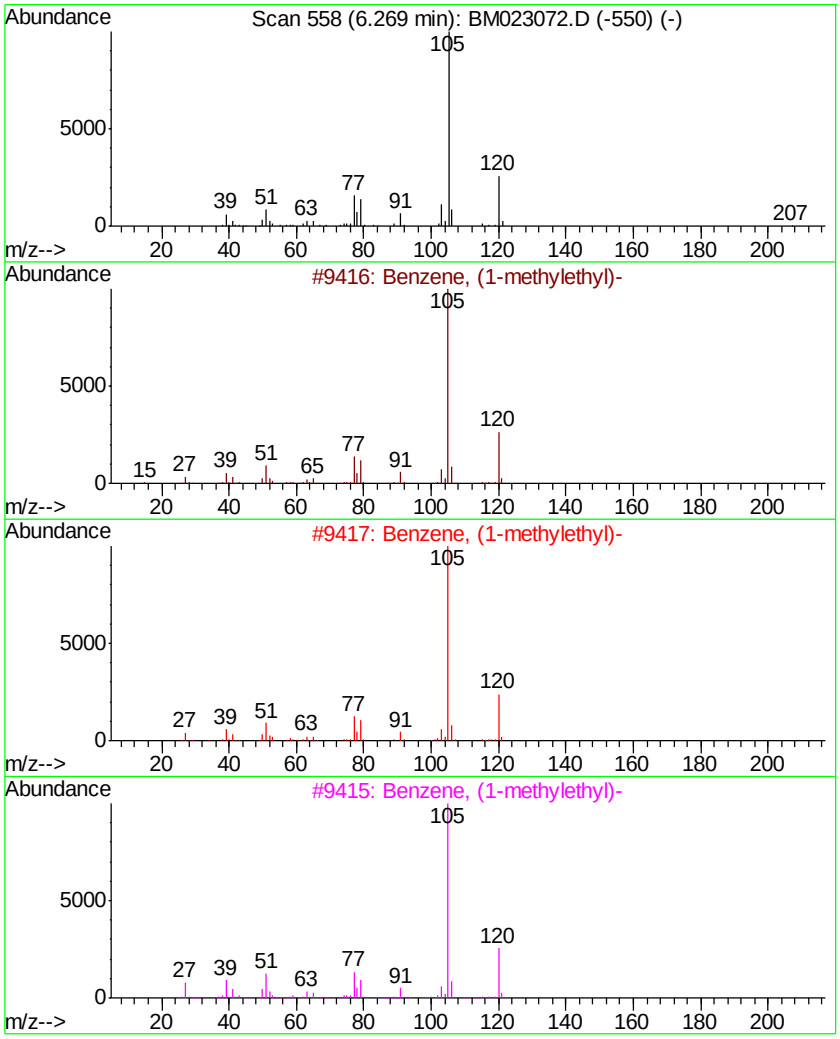
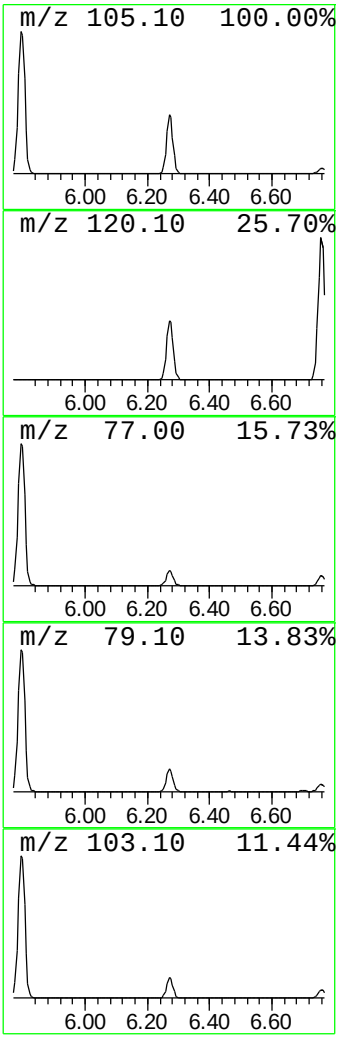
Peak Number 11 Benzene, (1-methylethyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	3.79 ng/ul	210982	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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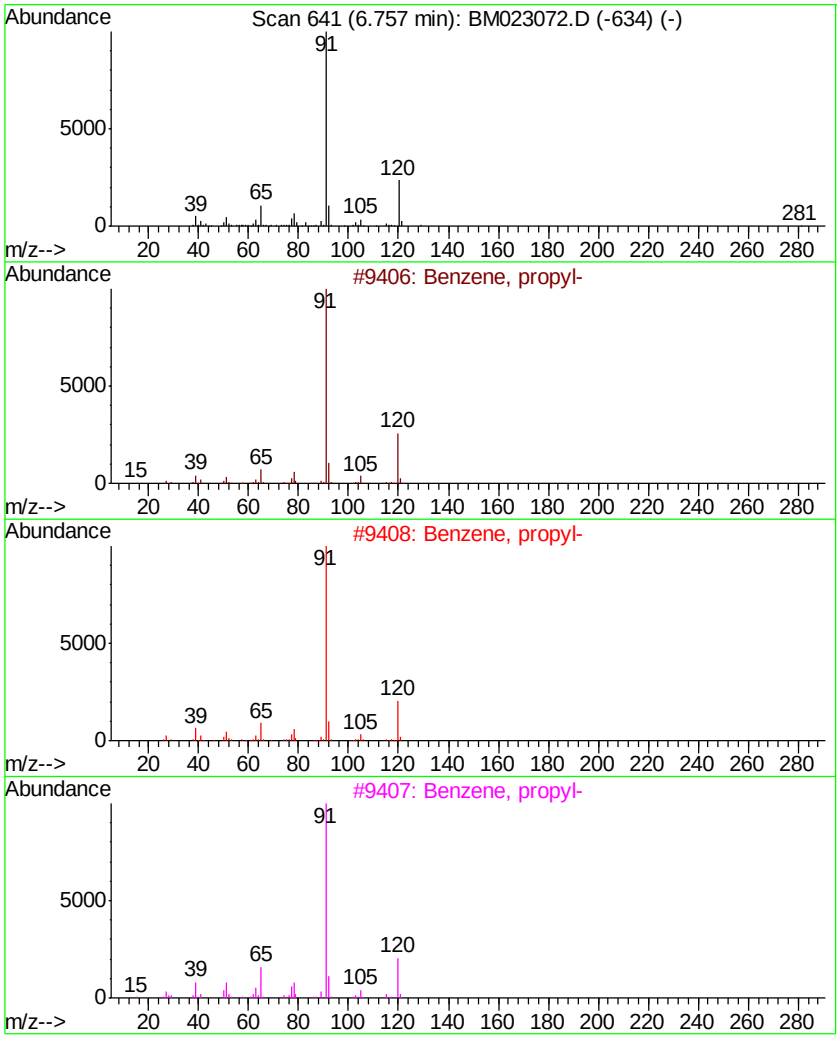
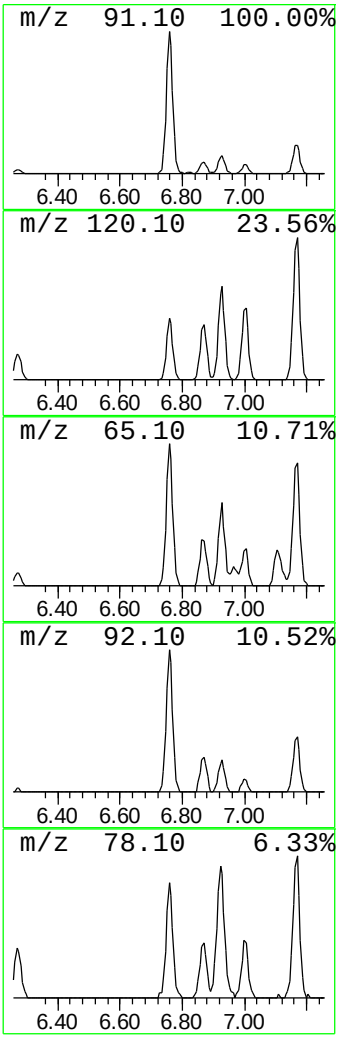
Peak Number 12 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	8.73 ng/ul	486417	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	91
4	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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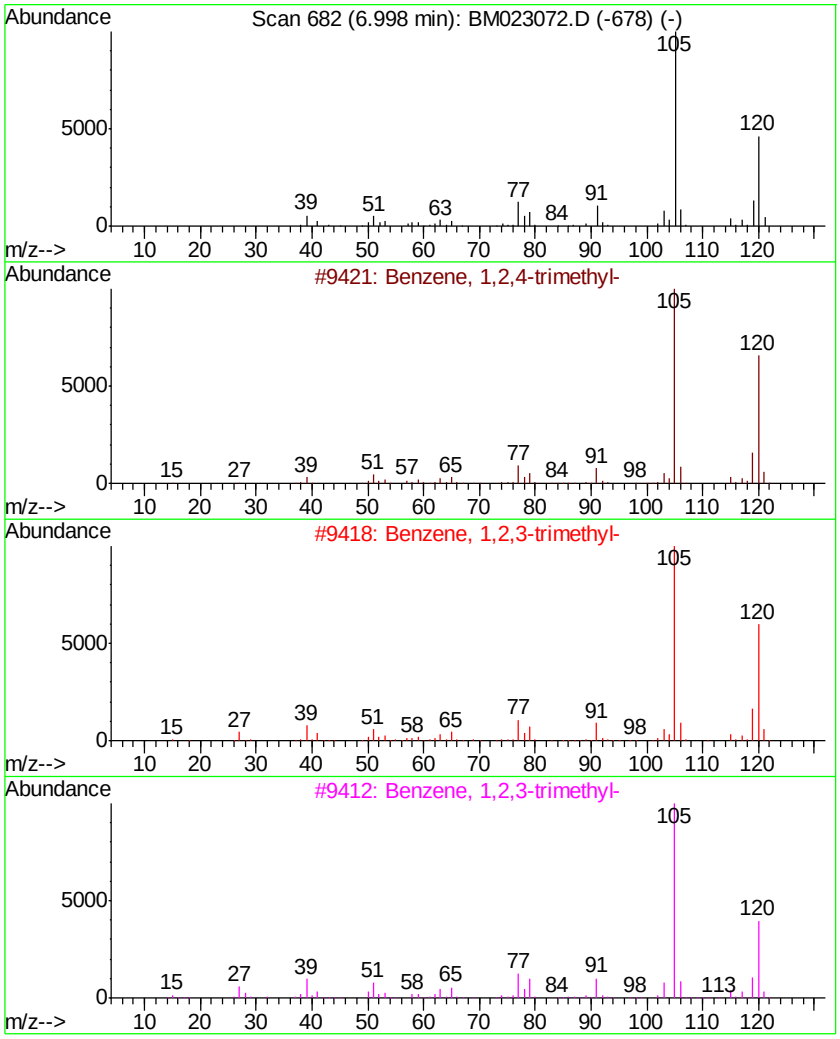
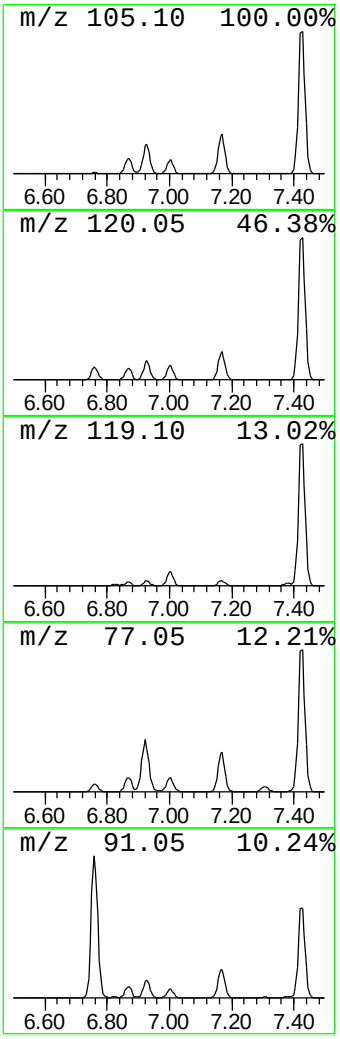
Peak Number 14 Benzene, 1,2,4-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	6.54 ng/ul	363987	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Mesitylene	120	C9H12	000108-67-8	93





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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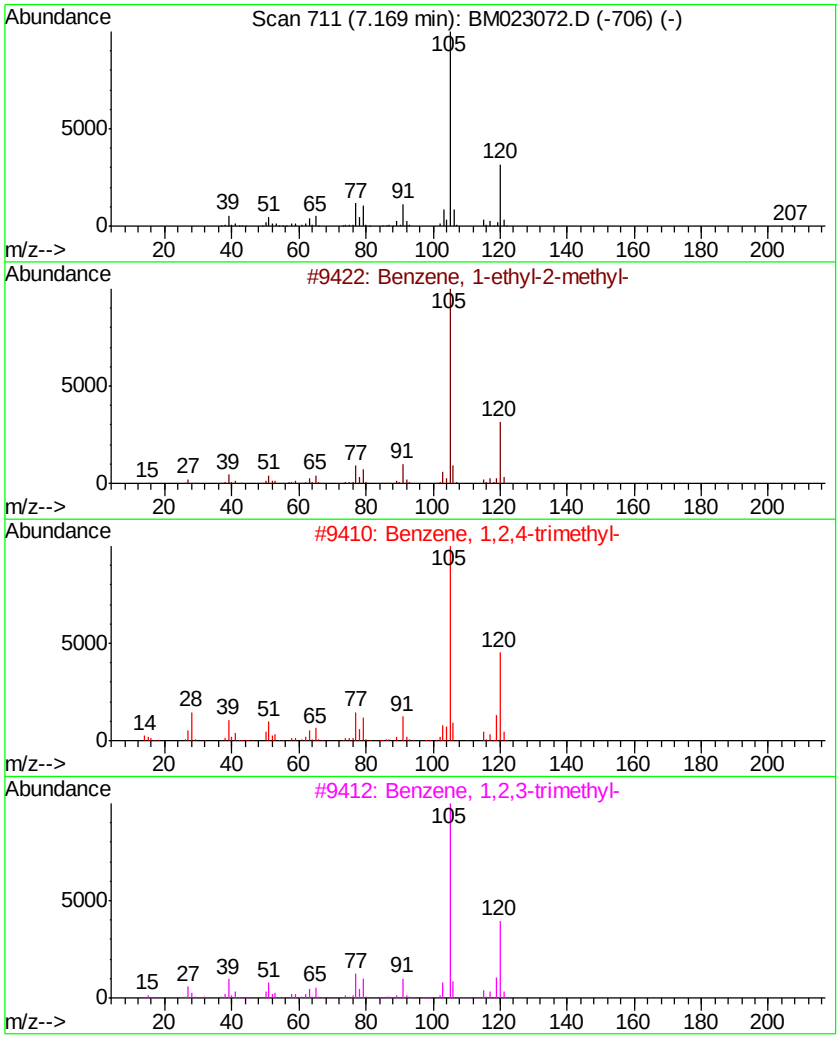
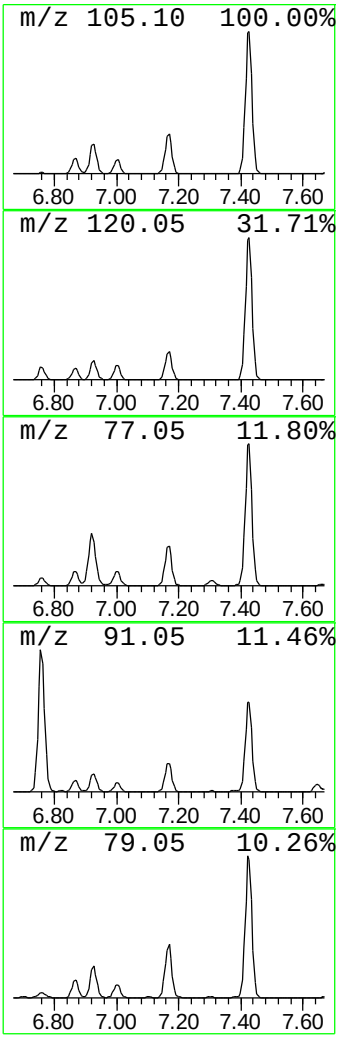
Peak Number 15 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	17.21 ng/ul	958533	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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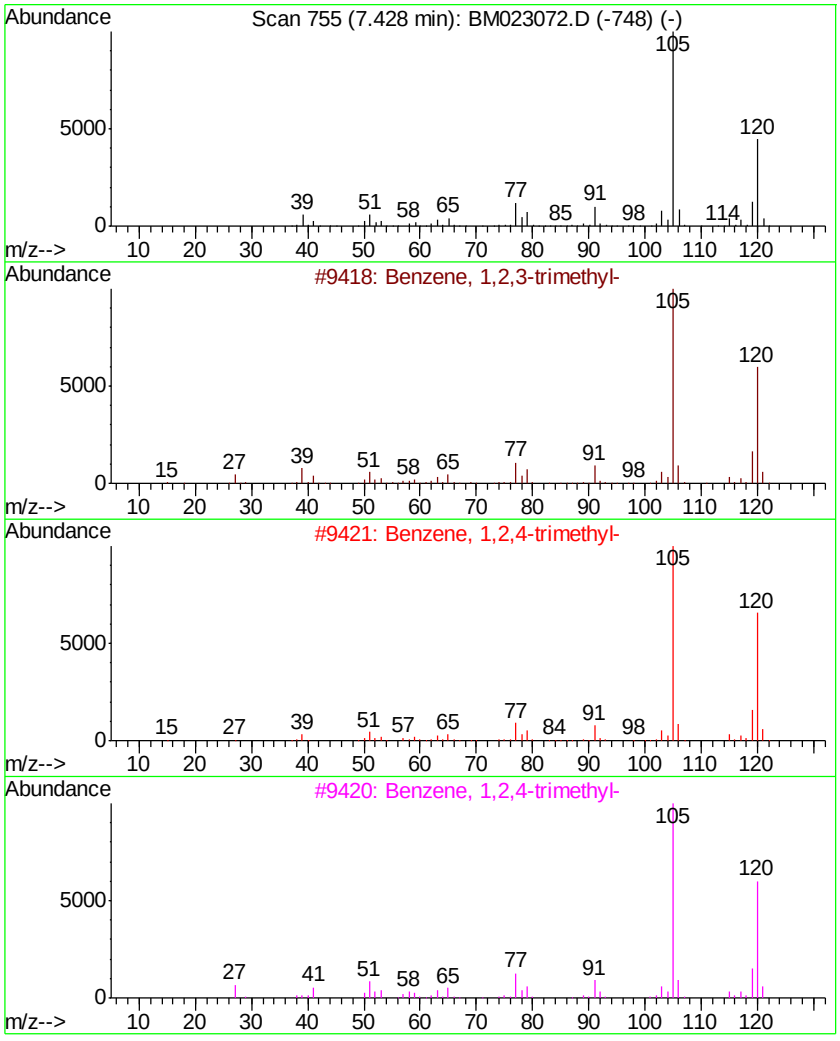
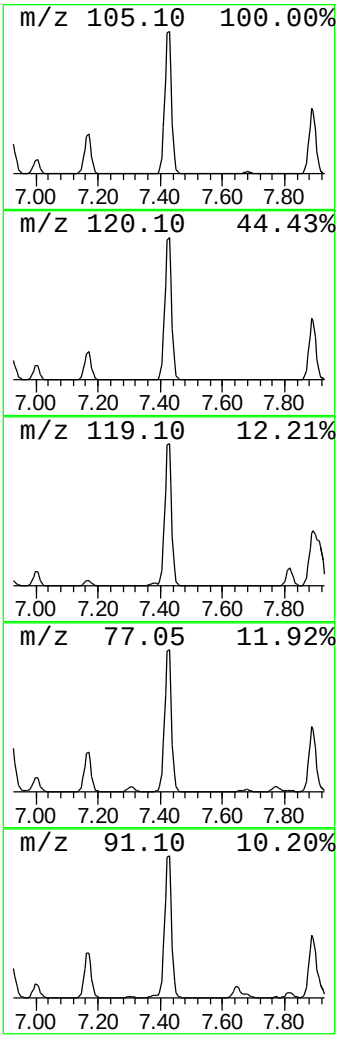
Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	66.22 ng/ul	3688050	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

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Data File : BM023072.D
Acq On : 09 Oct 2019 07:46
Operator : JU
Sample : K5028-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK8

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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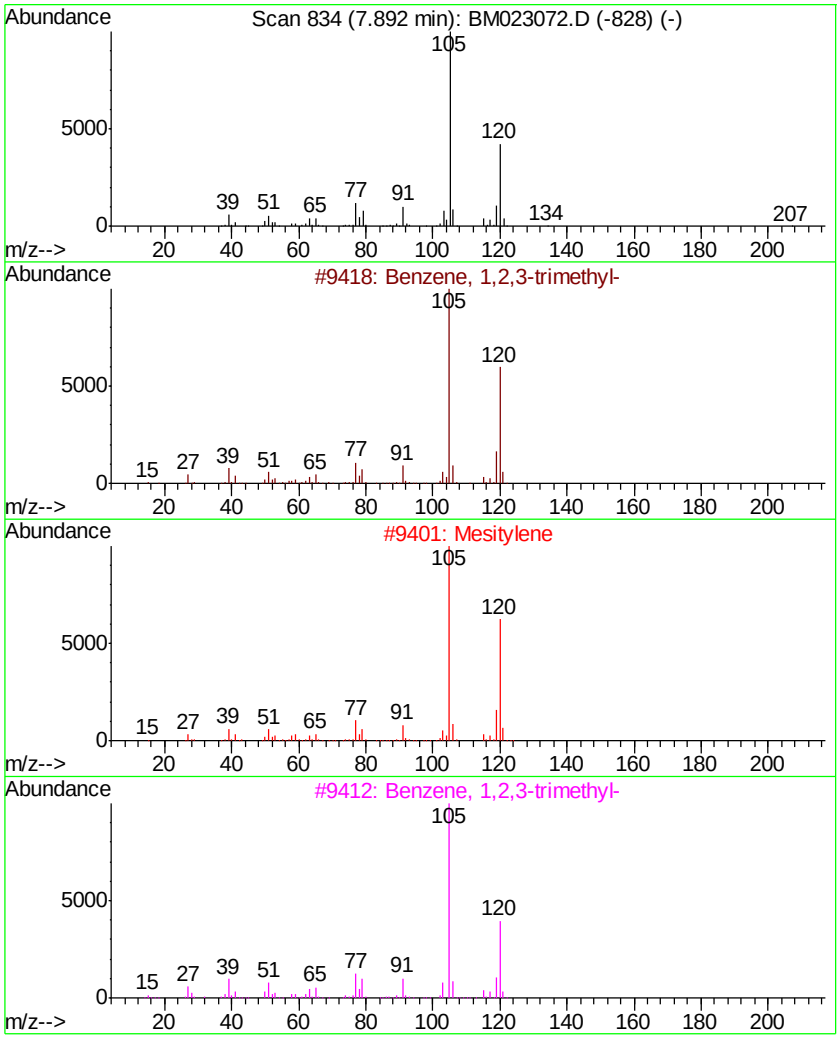
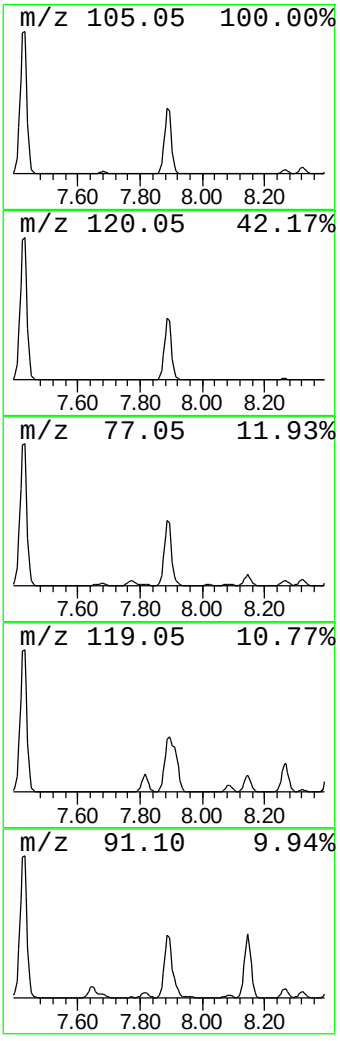
Peak Number 17 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	32.71 ng/ul	1821840	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	93





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ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK8

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

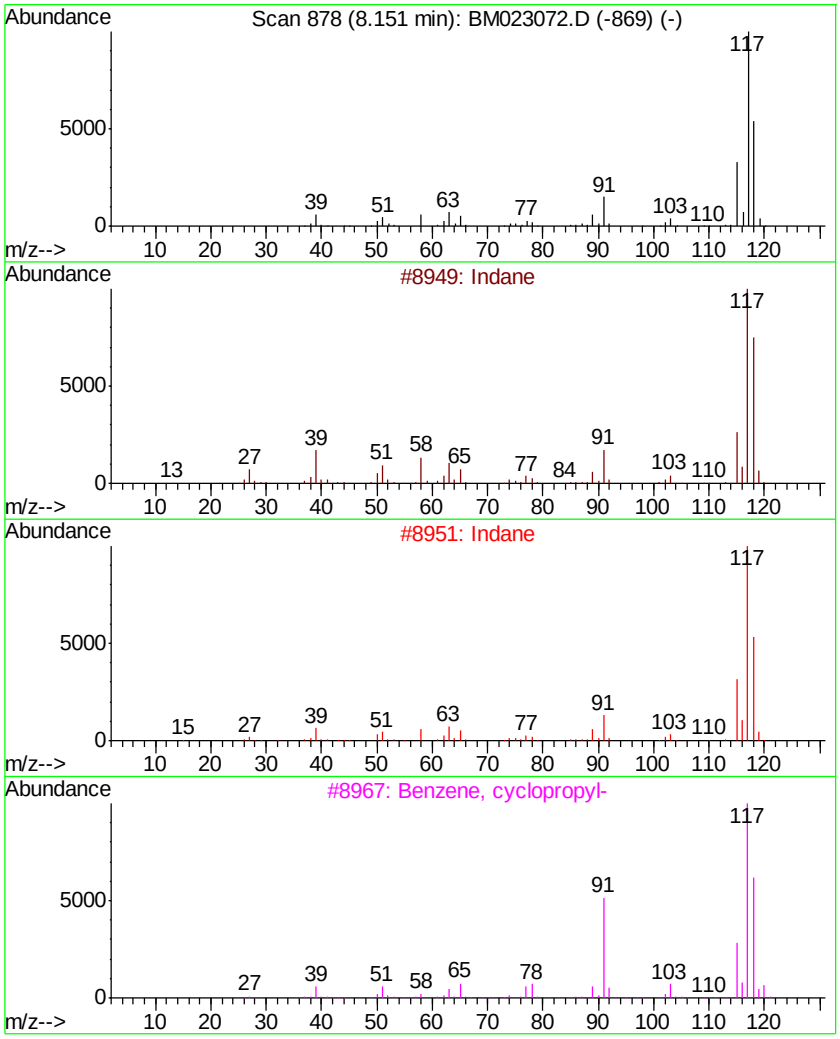
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

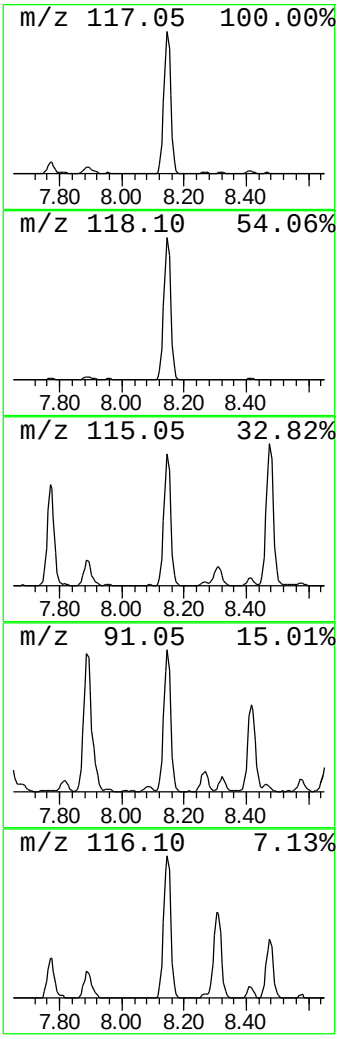
****

Peak Number 18 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	26.07 ng/ul	1451790	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





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Instrument : BNA_M
ClientSampleId : BFDK8

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Quant Title : SVOA CALIBRATION

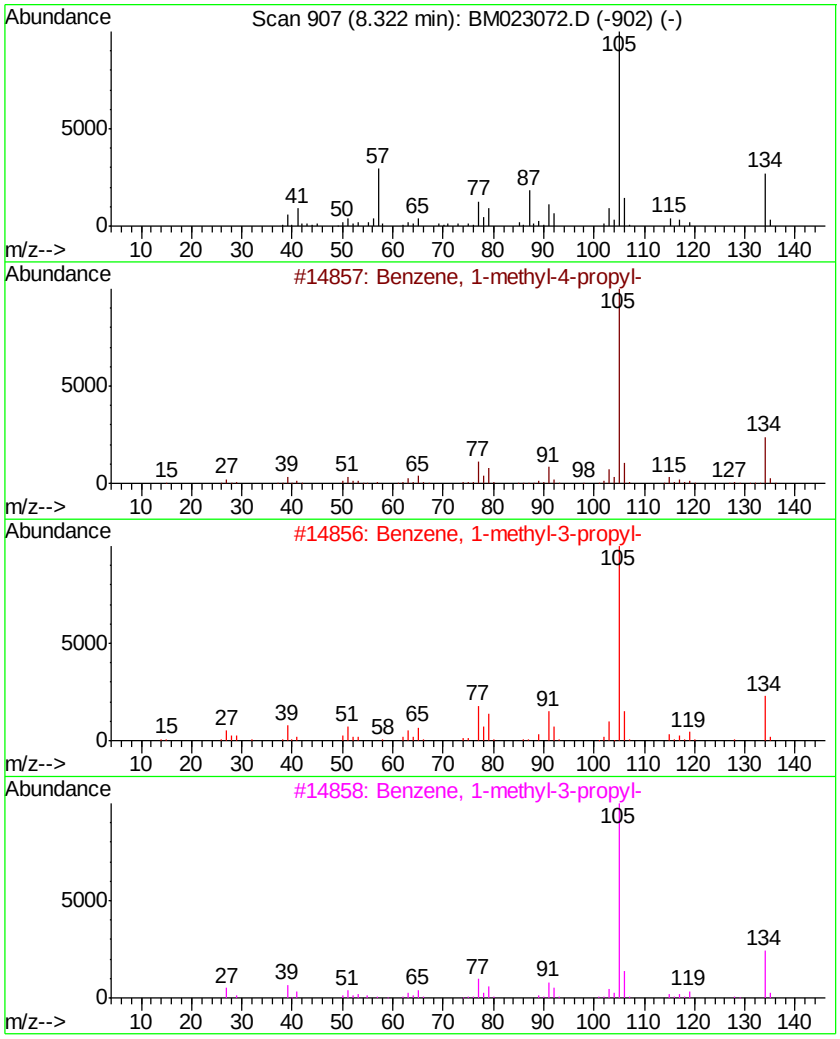
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

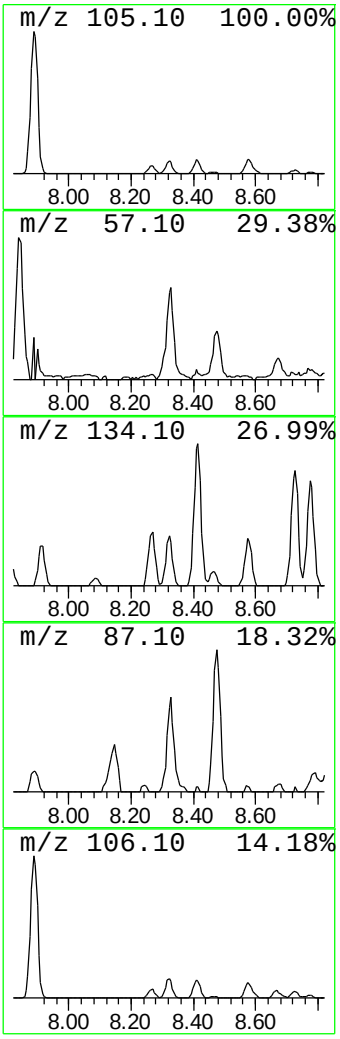
****

Peak Number 20 Benzene, 1-methyl-4-propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	4.17 ng/ul	232298	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
5	2-Tolyloxirane	134	C9H10O	002783-26-8	87





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Acq On : 09 Oct 2019 07:46
Operator : JU
Sample : K5028-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK8

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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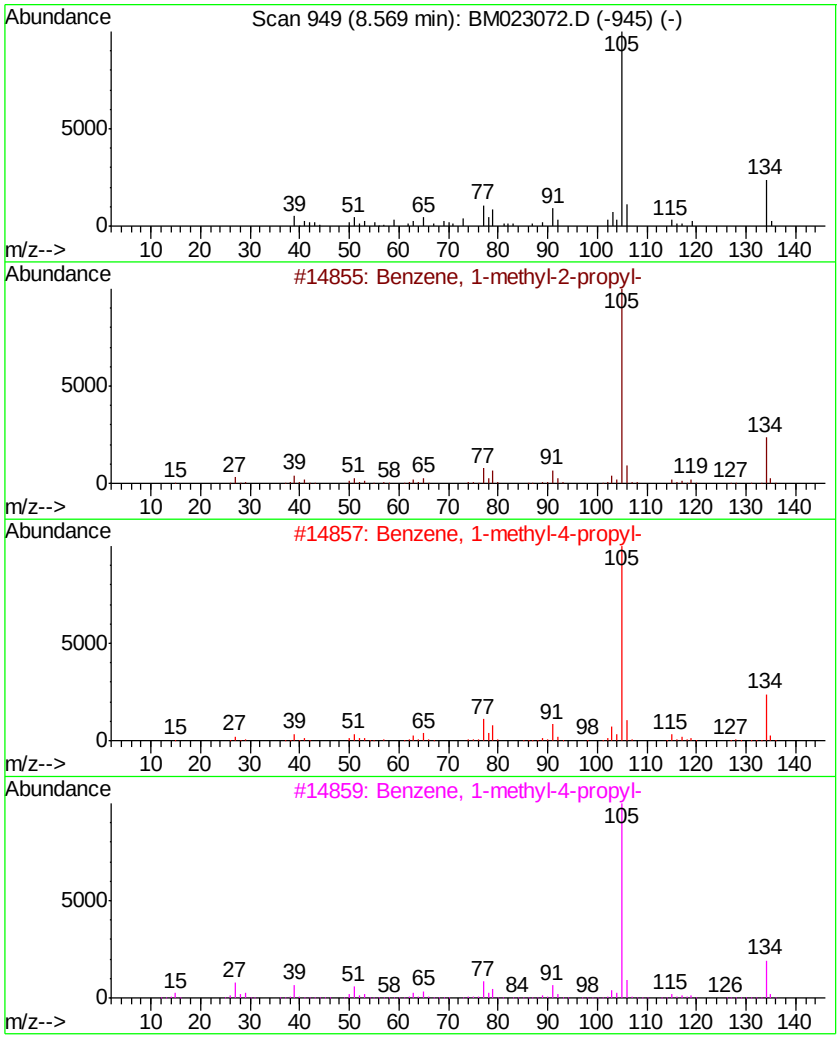
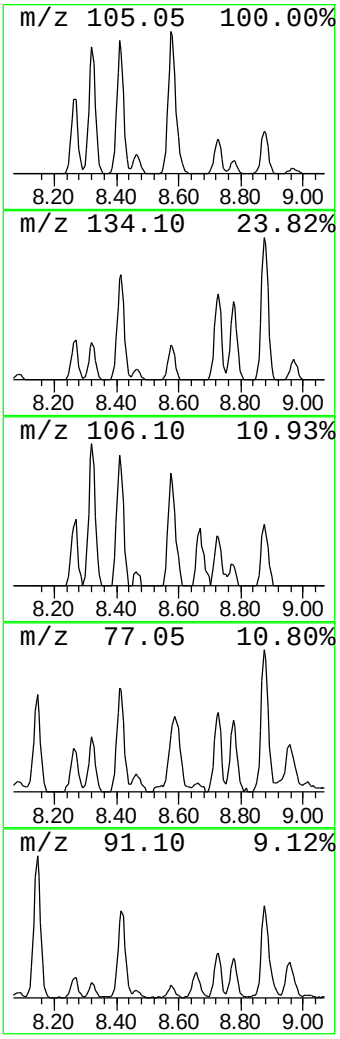
Peak Number 22 Benzene, 1-methyl-2-propyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	3.17 ng/ul	176281	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91





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Sample : K5028-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK8

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Quant Title : SVOA CALIBRATION

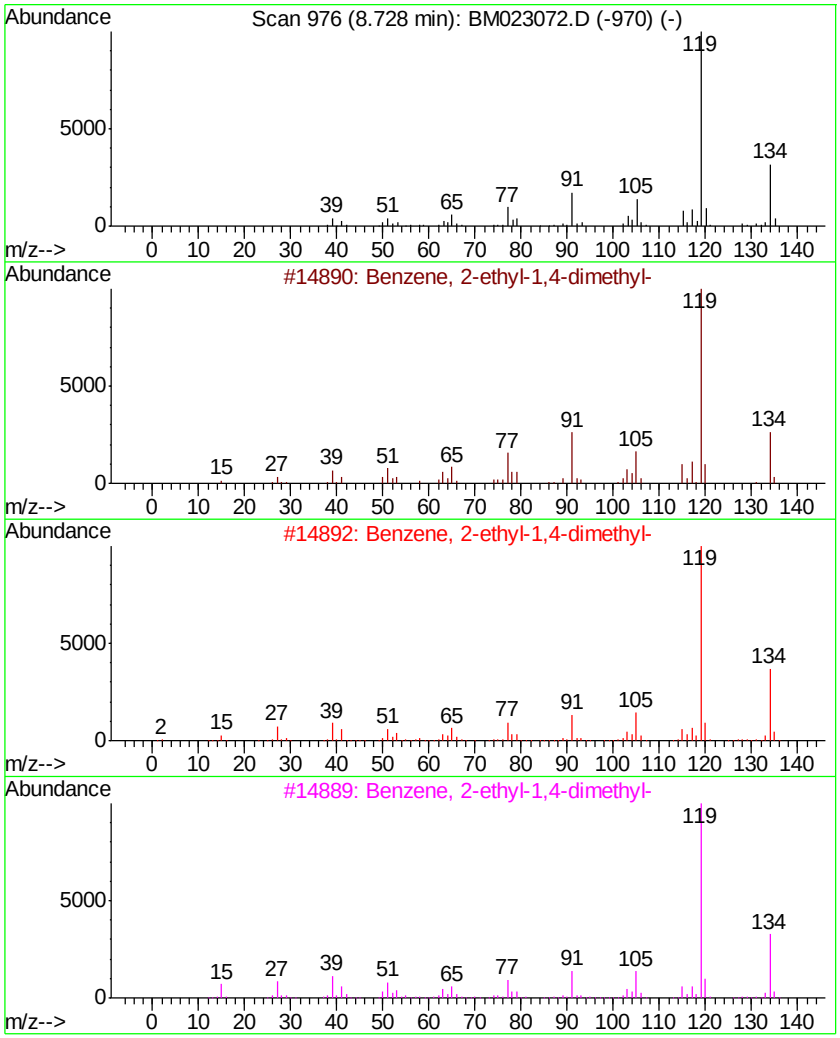
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

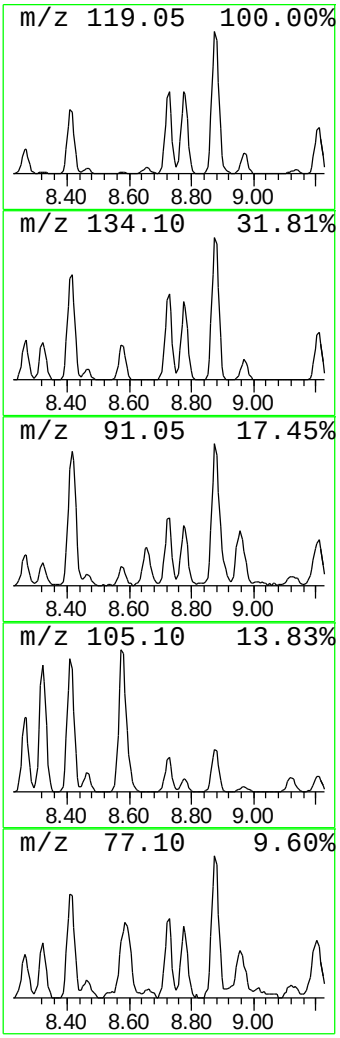
****

Peak Number 23 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	5.16 ng/ul	287485	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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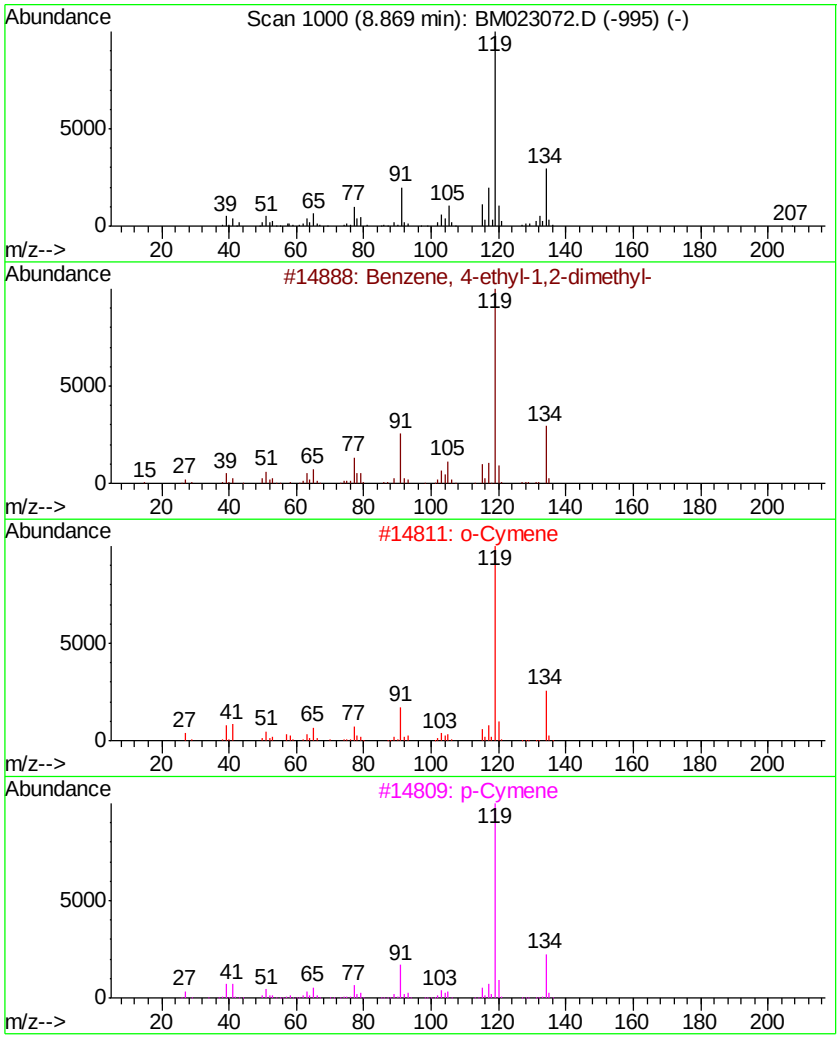
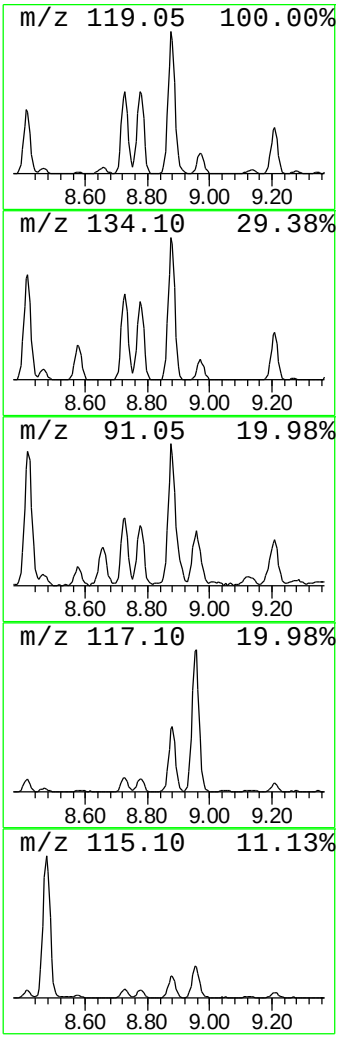
Peak Number 25 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	11.30 ng/ul	629345	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	93
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Acq On : 09 Oct 2019 07:46
Operator : JU
Sample : K5028-09
Misc :
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Instrument : BNA_M
ClientSampleId : BFDK8

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

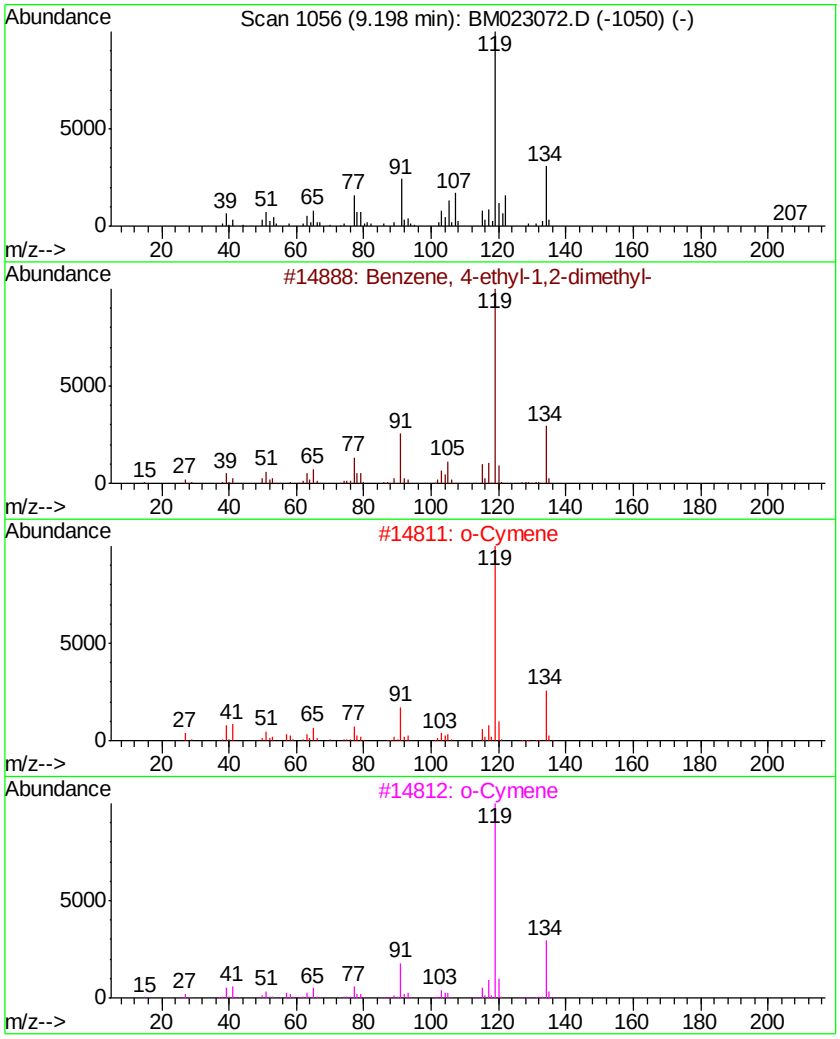
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

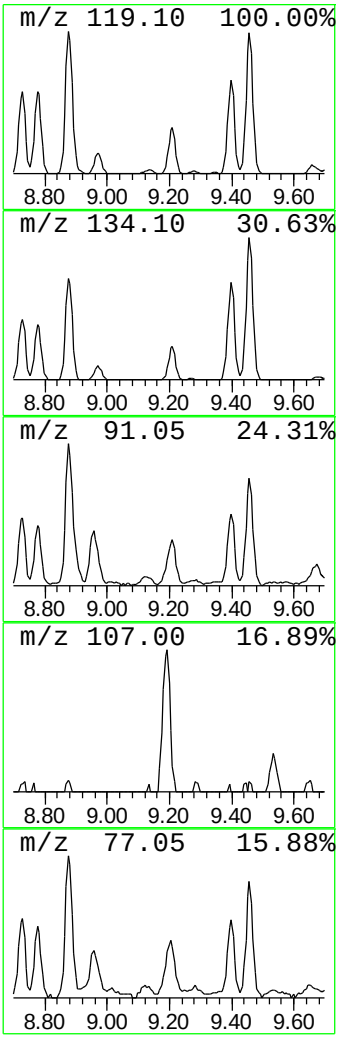
****

Peak Number 26 o-Cymene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	2.49 ng/ul	225958	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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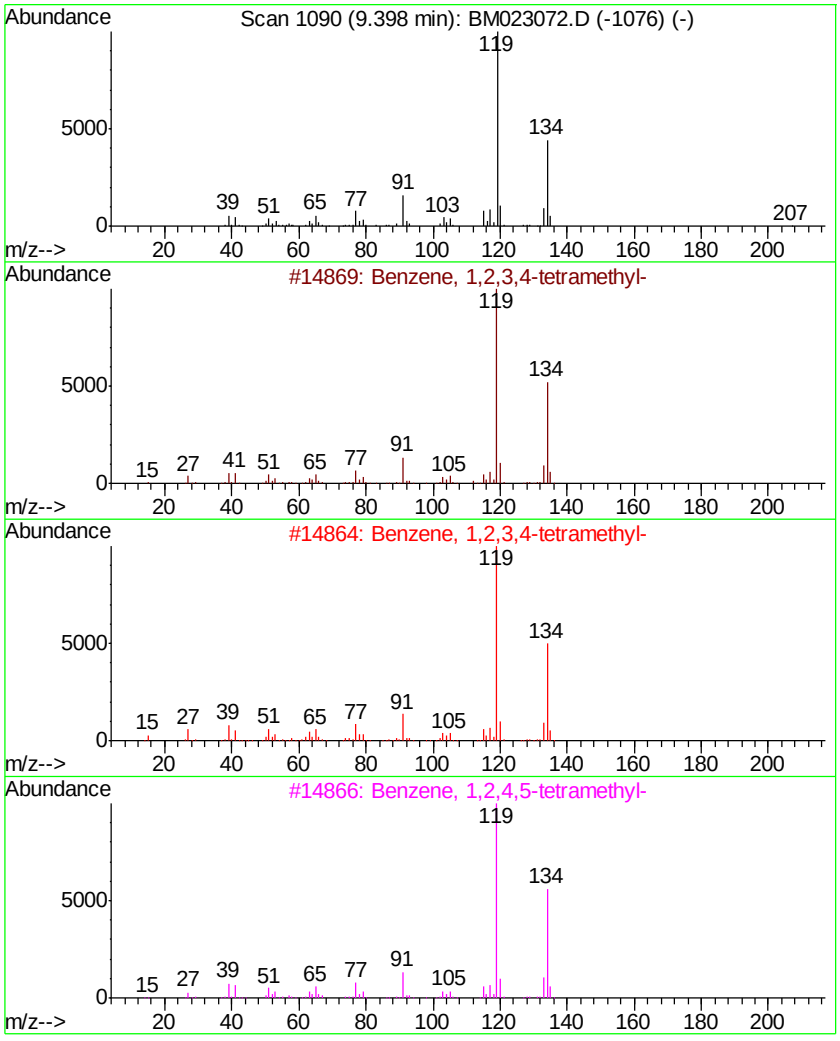
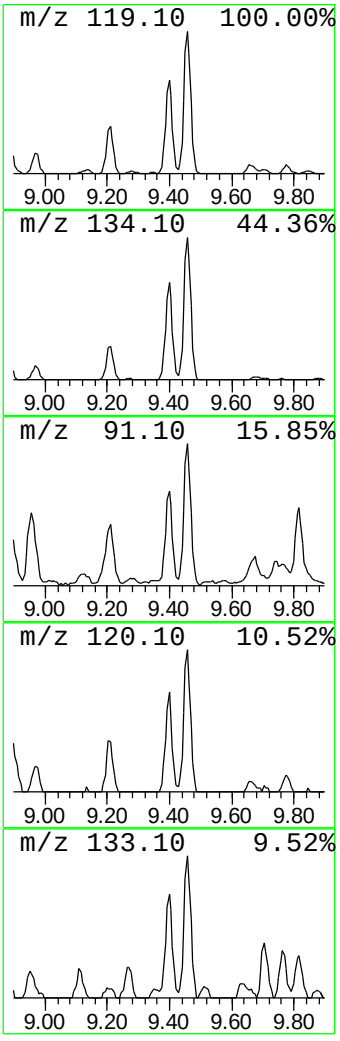
Peak Number 27 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	4.26 ng/ul	387013	Naphthalene-d8	10.56

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





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Instrument : BNA_M
ClientSampleId : BFDK8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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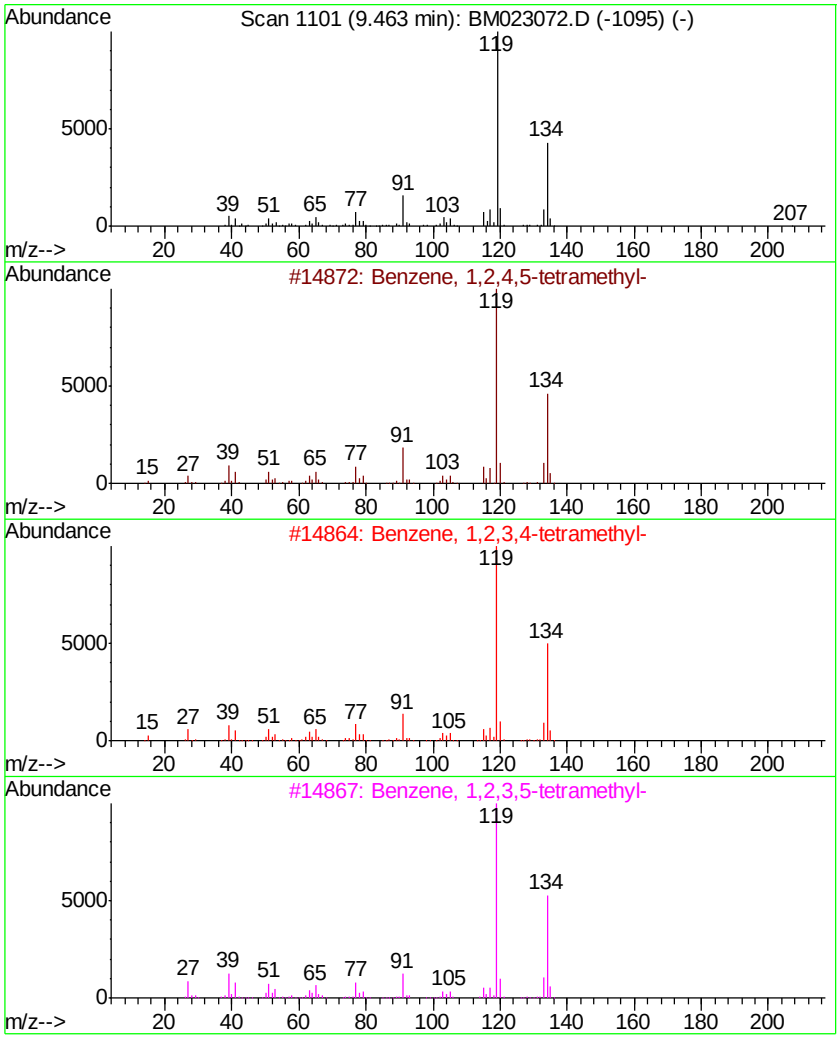
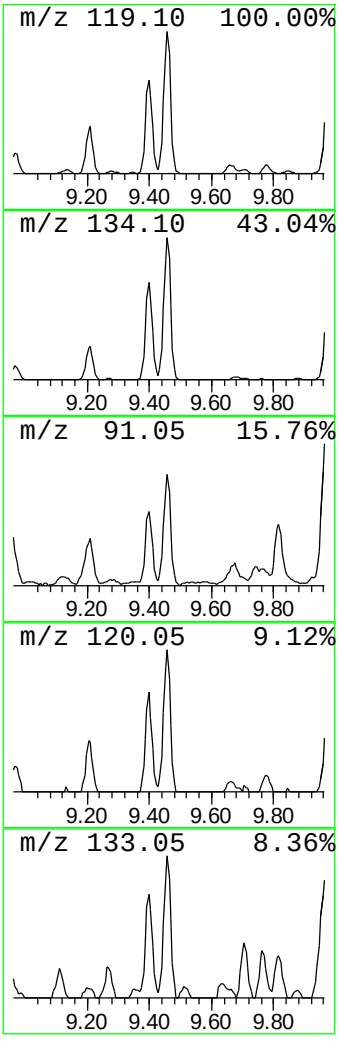
Peak Number 28 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	5.81 ng/ul	527328	Naphthalene-d8	10.56

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





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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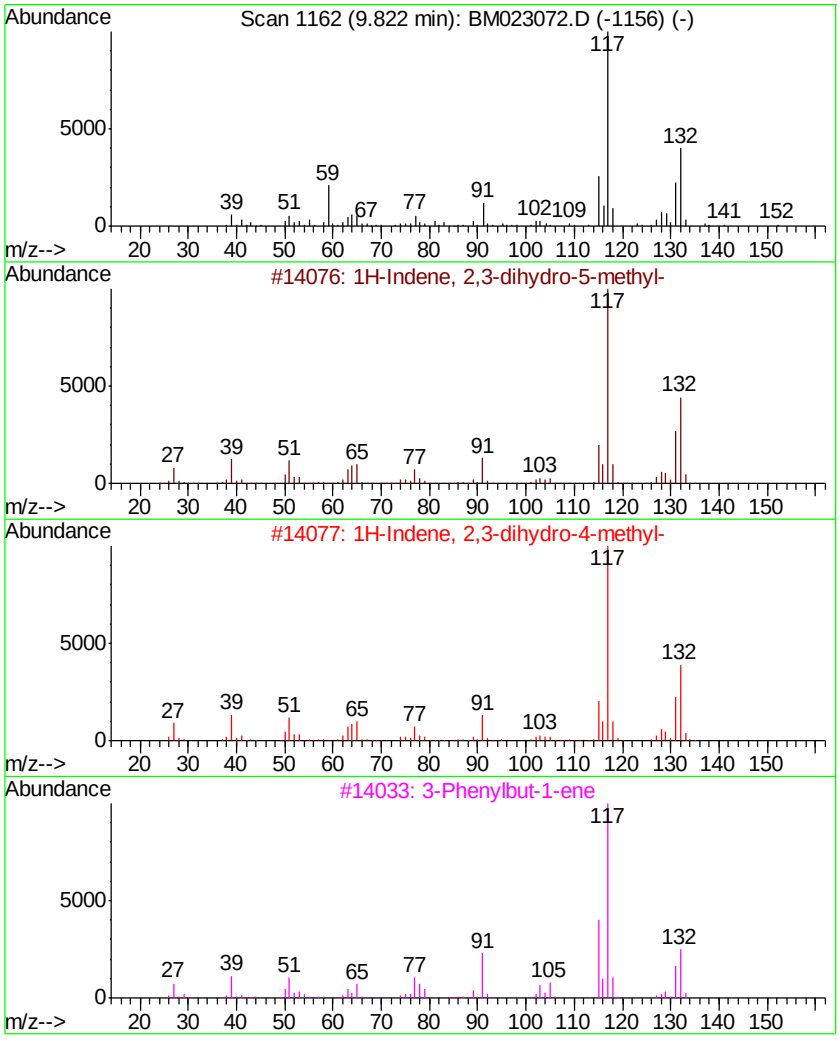
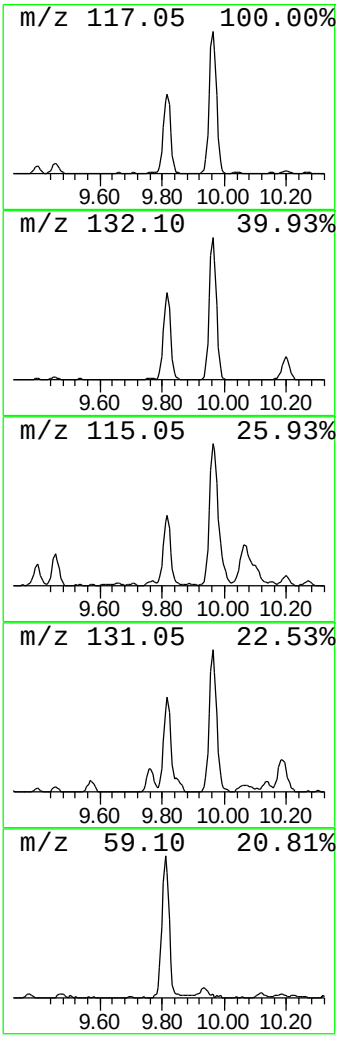
Peak Number 29 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	5.95 ng/ul	540636	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	76





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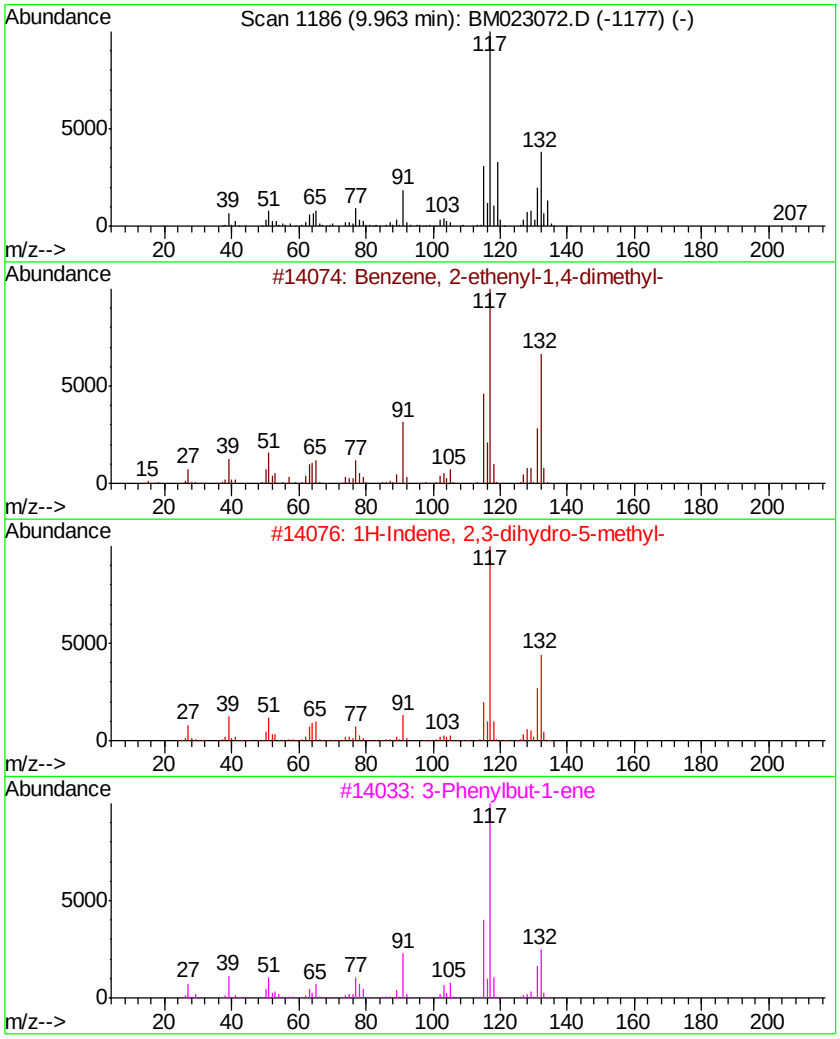
Quant Title : SVOA CALIBRATION

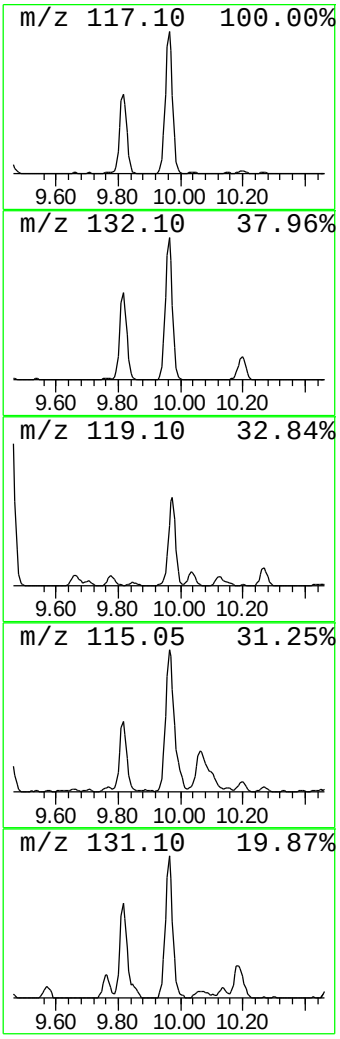
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	12.62 ng/ul	1146450	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	76





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Data File : BM023072.D
Acq On : 09 Oct 2019 07:46
Operator : JU
Sample : K5028-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK8

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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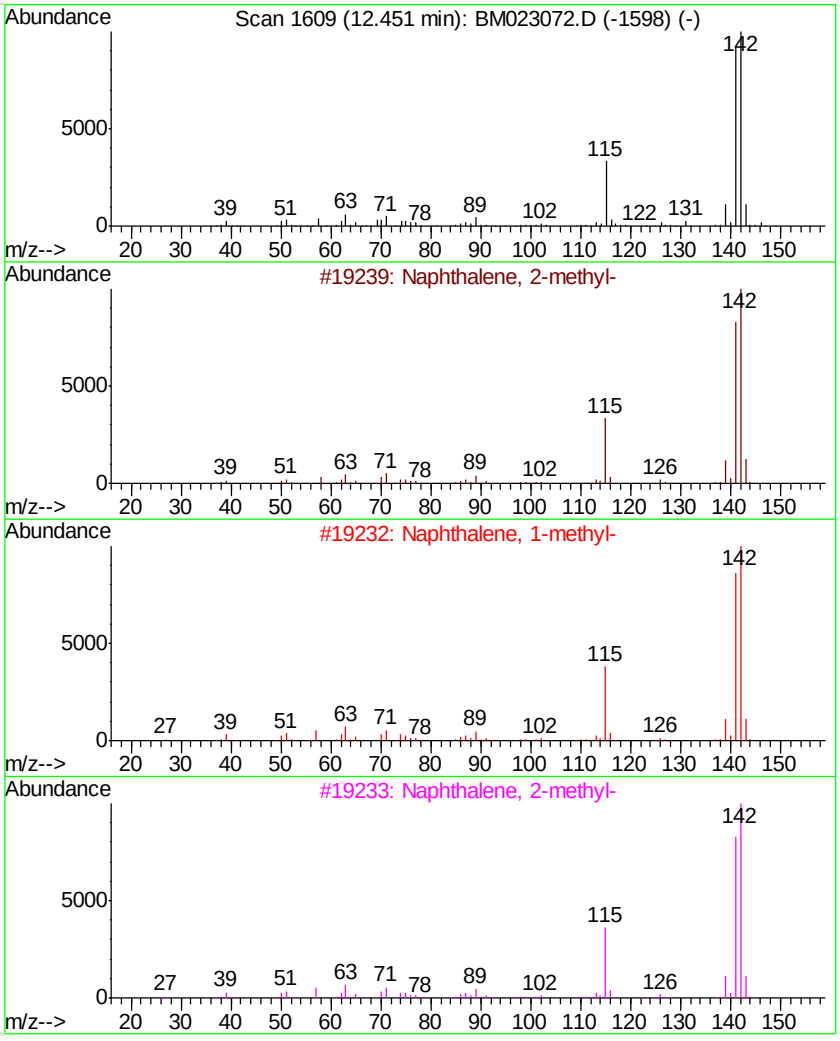
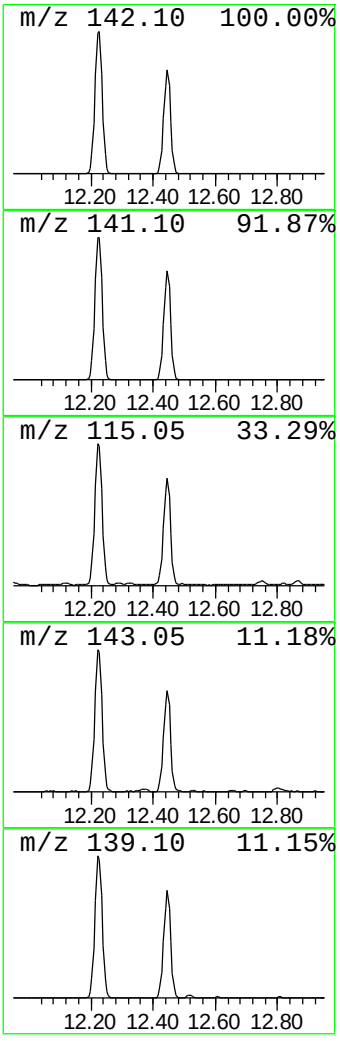
Peak Number 35 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	13.70 ng/ul	1244050	Naphthalene-d8	10.56

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	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023072.D
Acq On : 09 Oct 2019 07:46
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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK8

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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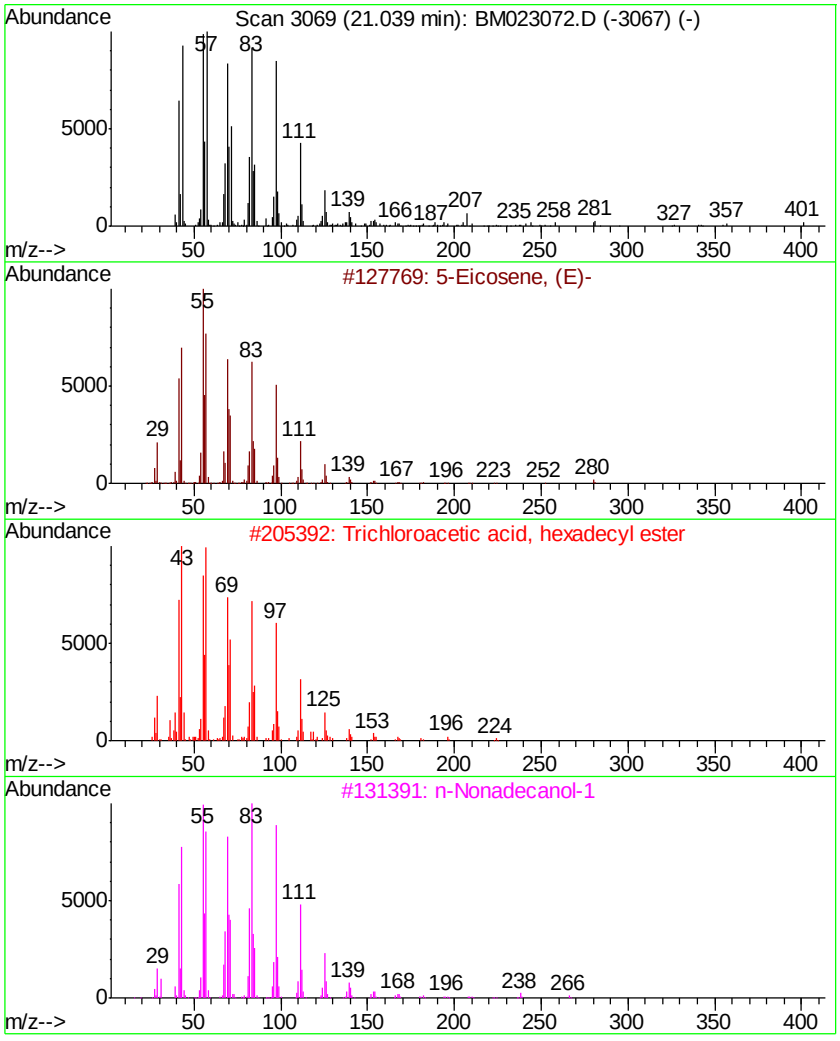
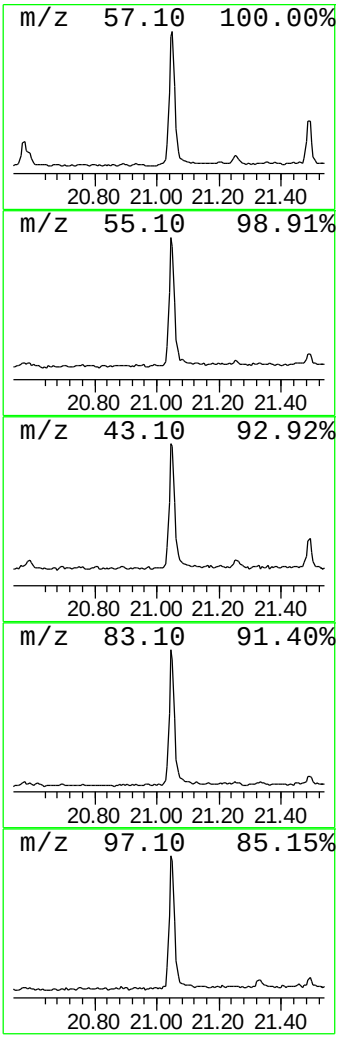
Peak Number 43 (DEL) Alkane: Cyclic21.04 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	4.38 ng/ul	521045	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Cyclopentadecane	210	C15H30	000295-48-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100819\
Data File : BM023072.D
Acq On : 09 Oct 2019 07:46
Operator : JU
Sample : K5028-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK8

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanoic acid, 1...	3.71	4.3	ng/ul	238393	1	7.77	1113860	20.0
Isobutyl acetate	3.97	2.4	ng/ul	133791	1	7.77	1113860	20.0
Propanoic acid, 2...	4.25	9.1	ng/ul	507045	1	7.77	1113860	20.0
Propanoic acid, p...	4.42	13.5	ng/ul	754017	1	7.77	1113860	20.0
Butanoic acid, 1-...	4.87	15.6	ng/ul	869235	1	7.77	1113860	20.0
Ethylbenzene	5.30	16.4	ng/ul	910732	1	7.77	1113860	20.0
Benzene, 1,3-dime...	5.45	33.6	ng/ul	1872940	1	7.77	1113860	20.0
Butanoic acid, pr...	5.73	2.3	ng/ul	126029	1	7.77	1113860	20.0
o-Xylene	5.79	49.5	ng/ul	2754530	1	7.77	1113860	20.0
Benzene, (1-methy...	6.27	3.8	ng/ul	210982	1	7.77	1113860	20.0
Benzene, propyl-	6.76	8.7	ng/ul	486417	1	7.77	1113860	20.0
Benzene, 1,2,4-tr...	7.00	6.5	ng/ul	363987	1	7.77	1113860	20.0
Benzene, 1-ethyl-...	7.17	17.2	ng/ul	958533	1	7.77	1113860	20.0
Benzene, 1,2,3-tr...	7.43	66.2	ng/ul	3688050	1	7.77	1113860	20.0
Mesitylene	7.89	32.7	ng/ul	1821840	1	7.77	1113860	20.0
Indane	8.15	26.1	ng/ul	1451790	1	7.77	1113860	20.0
Benzene, 1-methyl...	8.32	4.2	ng/ul	232298	1	7.77	1113860	20.0
Benzene, 1-methyl...	8.57	3.2	ng/ul	176281	1	7.77	1113860	20.0
Benzene, 2-ethyl-...	8.73	5.2	ng/ul	287485	1	7.77	1113860	20.0
Benzene, 4-ethyl-...	8.87	11.3	ng/ul	629345	1	7.77	1113860	20.0
o-Cymene	9.20	2.5	ng/ul	225958	2	10.56	1816690	20.0
Benzene, 1,2,3,4-...	9.40	4.3	ng/ul	387013	2	10.56	1816690	20.0
Benzene, 1,2,4,5-...	9.46	5.8	ng/ul	527328	2	10.56	1816690	20.0
1H-Indene, 2,3-di...	9.82	6.0	ng/ul	540636	2	10.56	1816690	20.0
Benzene, 2-etheny...	9.96	12.6	ng/ul	1146450	2	10.56	1816690	20.0
Naphthalene, 1-me...	12.45	13.7	ng/ul	1244050	2	10.56	1816690	20.0
(DEL) Alkane: Cyc...	21.04	4.4	ng/ul	521045	5	21.33	2378900	20.0