LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022882.D
Acq On : 02 Oct 2019 08:35
Operator : JU
Sample : K4932-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM6

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	3.304	50	54	68	rVV	2896092	3459957	44.18%	2.188%
2	3.734	122	127	132	rBV	271938	349536	4.46%	0.221%
3	4.004	163	173	186	rVB	1385008	2085631	26.63%	1.319%
4	4.269	213	218	225	rBV	512678	653017	8.34%	0.413%
5	4.446	243	248	256	rBV	846784	1084239	13.84%	0.686%
6	4.898	318	325	337	rVV	834747	1168213	14.92%	0.739%
7	5.322	392	397	405	rVV	328334	477010	6.09%	0.302%
8	5.451	413	419	429	rVV	1363127	2873541	36.69%	1.817%
9	5.822	476	482	487	rVV	1290984	1902062	24.28%	1.203%
10	6.787	639	646	659	rBV2	167750	418957	5.35%	0.265%
11	6.898	659	665	669	rBV	584512	856291	10.93%	0.542%
12	6.963	669	676	684	rVV4	534717	1378131	17.60%	0.872%
13	7.028	684	687	693	rVB	413355	623809	7.96%	0.394%
14	7.134	699	705	711	rBV	868370	1356328	17.32%	0.858%
15	7.198	711	716	722	rVB	372883	566387	7.23%	0.358%
16	7.334	733	739	748	rVB	1077487	1696023	21.65%	1.073%
17	7.457	753	760	770	rVB	1262228	1961222	25.04%	1.240%
18	7.798	811	818	824	rBV	1156945	1937654	24.74%	1.225%
19	7.916	833	838	847	rVV	711116	1223670	15.62%	0.774%
20	8.175	873	882	888	rVV2	591271	1402458	17.91%	0.887%
21	8.239	888	893	899	rVV	501043	803421	10.26%	0.508%
22	8.339	906	910	922	rVV2	188912	415643	5.31%	0.263%
23	8.445	922	928	933	rVV	258536	435514	5.56%	0.275%
24	8.504	933	938	945	rVV	952037	1511495	19.30%	0.956%
25	8.910	996	1007	1010	rBV	342959	652882	8.34%	0.413%
26	8.951	1010	1014	1027	rVV2	1045135	2104305	26.87%	1.331%
27	9.222	1053	1060	1071	rBV2	1185997	2008310	25.64%	1.270%
28	9.486	1100	1105	1112	rBV	323607	518942	6.63%	0.328%
29	9.563	1112	1118	1125	rBV	379483	606509	7.74%	0.384%
30	9.675	1129	1137	1145	rBV	946455	1637085	20.90%	1.035%
31	9.775	1145	1154	1162	rBV	4783379	7832378	100.00%	4.953%
32	9.998	1182	1192	1200	rBV4	674924	1781365	22.74%	1.127%
33	10.075	1200	1205	1213	rVV	1860448	3202856	40.89%	2.025%
34	10.216	1222	1229	1237	rVB2	1795139	3541438	45.22%	2.240%

LSC Area Percent Report

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Operator : JU
Sample : K4932-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM6

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	10.516	1275	1280	1285	rVV	786344	1239169	15.82%	0.784%
36	10.592	1285	1293	1297	rVV	1658230	2966433	37.87%	1.876%
37	10.645	1297	1302	1309	rVV	4648723	7631104	97.43%	4.826%
38	10.733	1309	1317	1328	rVB3	789290	1917638	24.48%	1.213%
39	10.863	1335	1339	1349	rVB	315276	498759	6.37%	0.315%
40	10.957	1349	1355	1361	rBV	432510	707278	9.03%	0.447%
41	11.127	1378	1384	1389	rBV	868142	1438595	18.37%	0.910%
42	11.180	1389	1393	1401	rVB2	307793	539906	6.89%	0.341%
43	11.257	1401	1406	1419	rVB5	147129	320673	4.09%	0.203%
44	11.422	1428	1434	1439	rBV	761209	1253720	16.01%	0.793%
45	11.616	1461	1467	1472	rBV	574389	950714	12.14%	0.601%
46	11.674	1472	1477	1479	rBV	255387	428228	5.47%	0.271%
47	11.704	1479	1482	1490	rVB4	356569	619935	7.92%	0.392%
48	11.792	1490	1497	1508	rVB4	195308	512554	6.54%	0.324%
49	11.939	1510	1522	1527	rBV	1481971	2681997	34.24%	1.696%
50	12.110	1545	1551	1556	rBV5	222352	613945	7.84%	0.388%
51	12.257	1570	1576	1580	rVV	2380742	3622401	46.25%	2.291%
52	12.298	1580	1583	1589	rVB3	245646	361778	4.62%	0.229%
53	12.474	1603	1613	1619	rVB	2532246	4274953	54.58%	2.703%
54	12.633	1636	1640	1645	rBV3	273439	495032	6.32%	0.313%
55	12.774	1660	1664	1672	rBV6	148105	323209	4.13%	0.204%
56	12.857	1673	1678	1682	rBV3	262480	460067	5.87%	0.291%
57	12.951	1690	1694	1700	rVB2	255434	452926	5.78%	0.286%
58	13.016	1700	1705	1714	rVB3	194715	379637	4.85%	0.240%
59	13.227	1737	1741	1745	rBV3	222469	408765	5.22%	0.258%
60	13.286	1745	1751	1759	rVB2	1551111	2750194	35.11%	1.739%
61	13.468	1777	1782	1784	rBV	239889	370096	4.73%	0.234%
62	13.610	1794	1806	1814	rBV6	407741	1530074	19.54%	0.968%
63	13.763	1826	1832	1836	rBV2	531399	1057013	13.50%	0.668%
64	13.810	1836	1840	1843	rVV	508134	892023	11.39%	0.564%
65	13.851	1843	1847	1851	rVV	2379139	3215640	41.06%	2.034%
66	13.898	1851	1855	1859	rVB	1411439	1829521	23.36%	1.157%
67	13.992	1866	1871	1875	rBV3	393853	642838	8.21%	0.407%
68	14.033	1875	1878	1884	rVV4	261579	432339	5.52%	0.273%
69	14.127	1888	1894	1904	rVV	3012776	5199570	66.39%	3.288%
70	14.210	1904	1908	1912	rVV	352165	480484	6.13%	0.304%
71	14.286	1918	1921	1925	rVV2	233947	342646	4.37%	0.217%

LSC Area Percent Report

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM6

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	14.439	1937	1947	1953	rVV2	2504991	4552653	58.13%	2.879%
73	14.498	1953	1957	1963	rVB	1218614	1857218	23.71%	1.174%
74	14.904	2021	2026	2030	rBV3	211162	337856	4.31%	0.214%
75	14.951	2030	2034	2038	rVB	293788	378051	4.83%	0.239%
76	15.251	2081	2085	2091	rVV6	217574	505260	6.45%	0.320%
77	15.327	2091	2098	2107	rVV	869287	1543483	19.71%	0.976%
78	15.427	2109	2115	2121	rVV2	3799772	6154809	78.58%	3.892%
79	15.480	2121	2124	2129	rVV	470560	734736	9.38%	0.465%
80	15.545	2130	2135	2142	rVB	1090468	1646715	21.02%	1.041%
81	15.633	2142	2150	2153	rBV2	254497	590852	7.54%	0.374%
82	15.680	2155	2158	2167	rVV3	271732	619728	7.91%	0.392%
83	15.757	2167	2171	2176	rVV2	249223	528701	6.75%	0.334%
84	15.827	2180	2183	2186	rVV2	310067	467793	5.97%	0.296%
85	15.857	2186	2188	2192	rVV2	214336	313630	4.00%	0.198%
86	16.109	2227	2231	2236	rBV5	180847	355978	4.54%	0.225%
87	16.162	2237	2240	2247	rVB3	189128	332583	4.25%	0.210%
88	17.174	2406	2412	2416	rBV2	2474700	3484709	44.49%	2.204%
89	17.215	2416	2419	2424	rVV	609628	828469	10.58%	0.524%
90	17.274	2424	2429	2440	rVB	3719719	5269922	67.28%	3.333%
91	18.074	2561	2565	2574	rVB4	534076	757165	9.67%	0.479%
92	18.227	2587	2591	2597	rBV3	177913	320729	4.09%	0.203%
93	19.356	2779	2783	2791	rVB5	173410	326374	4.17%	0.206%
94	19.568	2813	2819	2823	rBV	3648676	5021855	64.12%	3.176%
95	19.609	2823	2826	2834	rVB2	385838	690978	8.82%	0.437%
96	21.068	3071	3074	3080	rBV2	712639	846796	10.81%	0.535%
97	21.356	3118	3123	3128	rBV	2338118	2975940	38.00%	1.882%
98	22.550	3323	3326	3335	rVB	306600	426706	5.45%	0.270%
99	23.474	3477	3483	3497	rVB	2408519	4826906	61.63%	3.052%
100	23.621	3502	3508	3517	rVB	1661274	3067513	39.16%	1.940%

Sum of corrected areas: 158132241

LSC Report - Integrated Chromatogram

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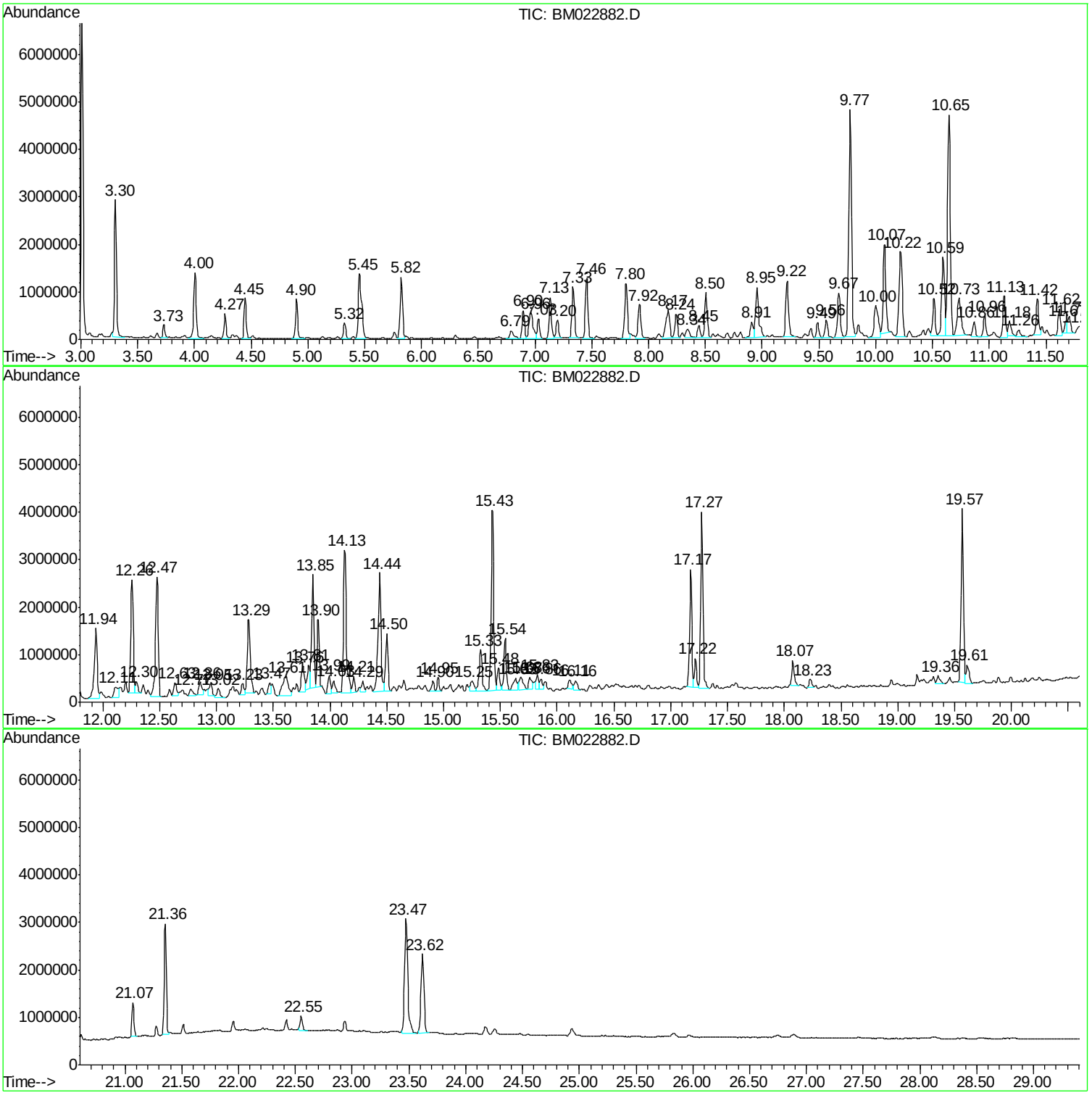
Data File : BM022882.D
Acq On : 02 Oct 2019 08:35
Operator : JU
Sample : K4932-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM6

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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Data File : BM022882.D
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Instrument : BNA_M
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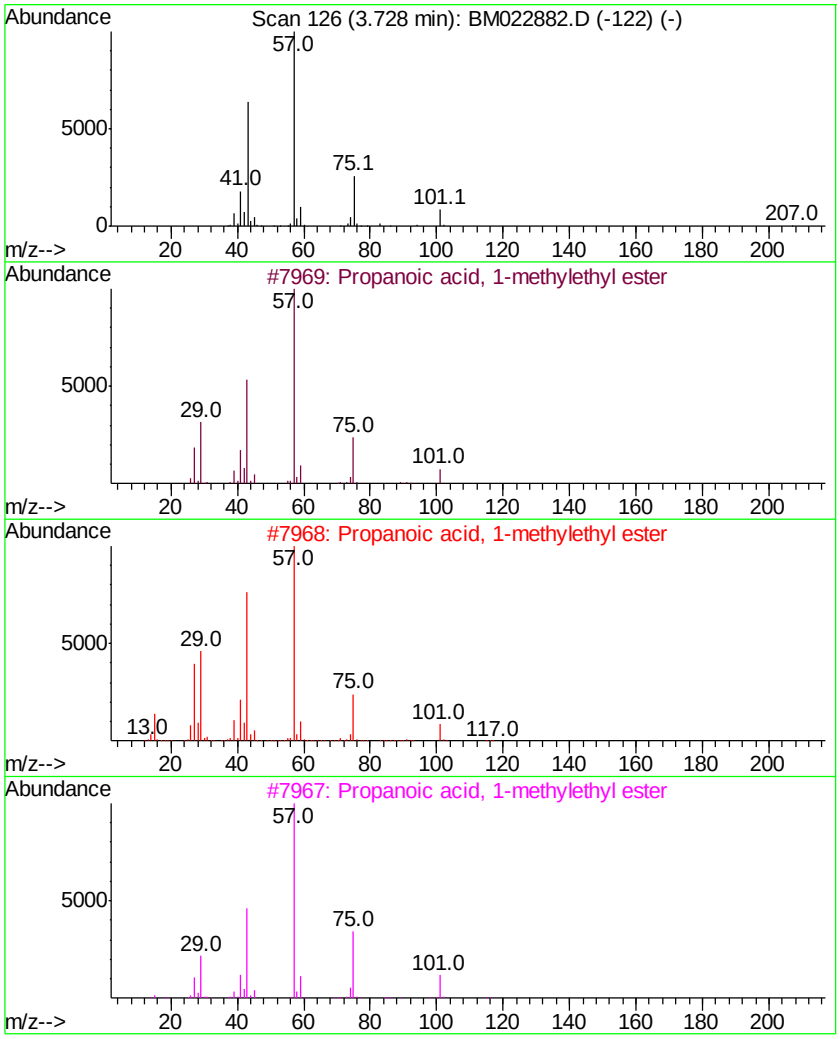
Quant Title : SVOA CALIBRATION

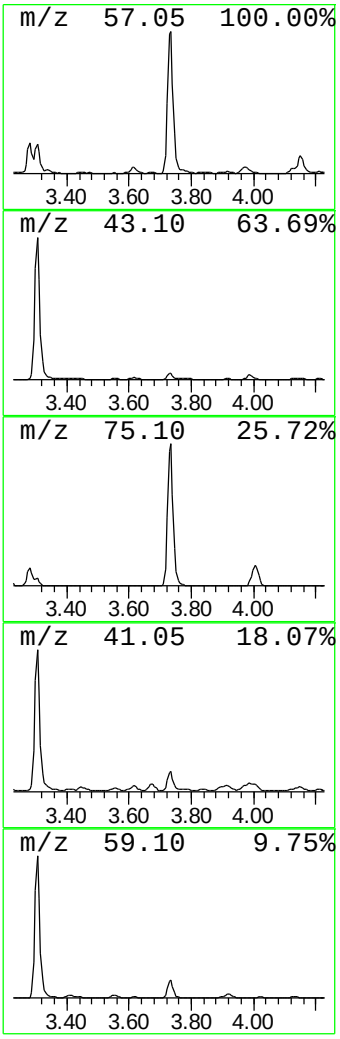
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	3.61 ng/ul	349536	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	38
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	36





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022882.D
Acq On : 02 Oct 2019 08:35
Operator : JU
Sample : K4932-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM6

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

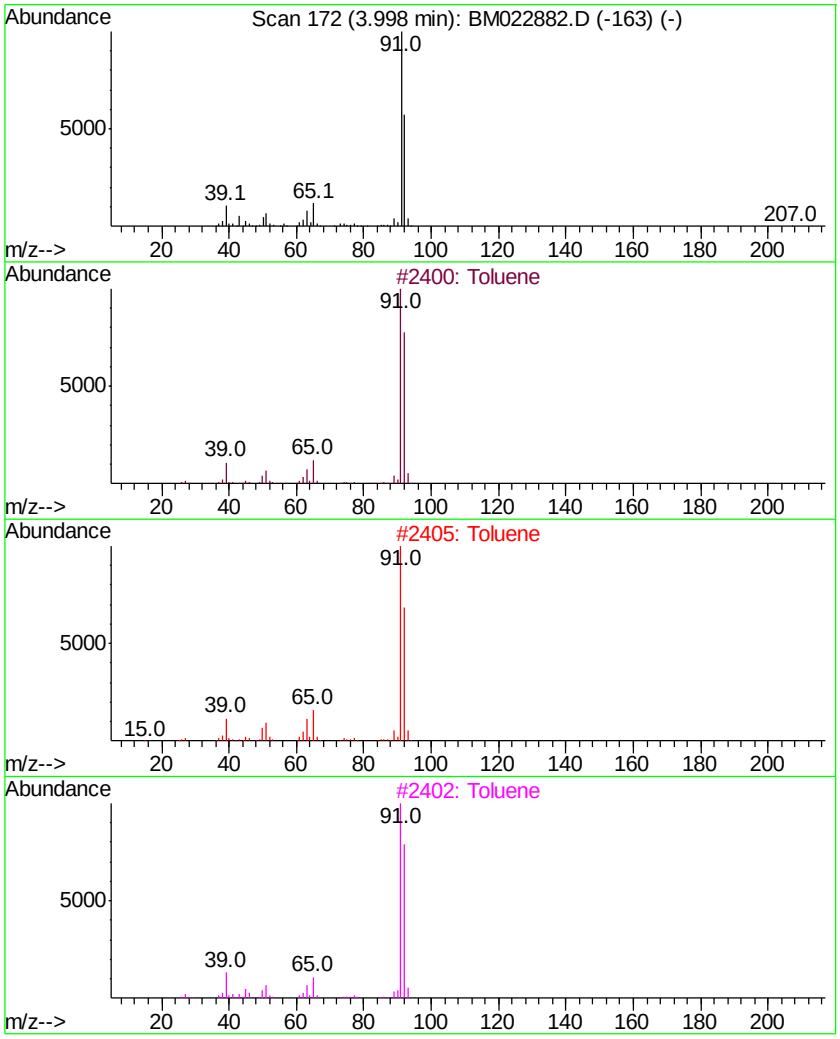
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

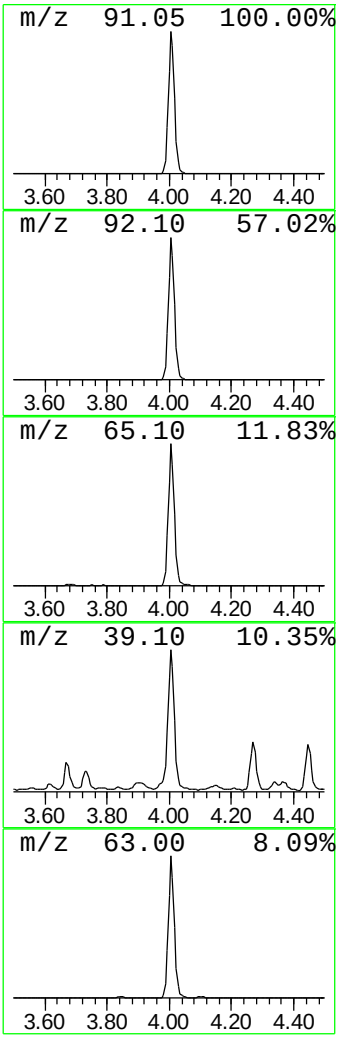
****

Peak Number 2 Toluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	21.53 ng/ul	2085630	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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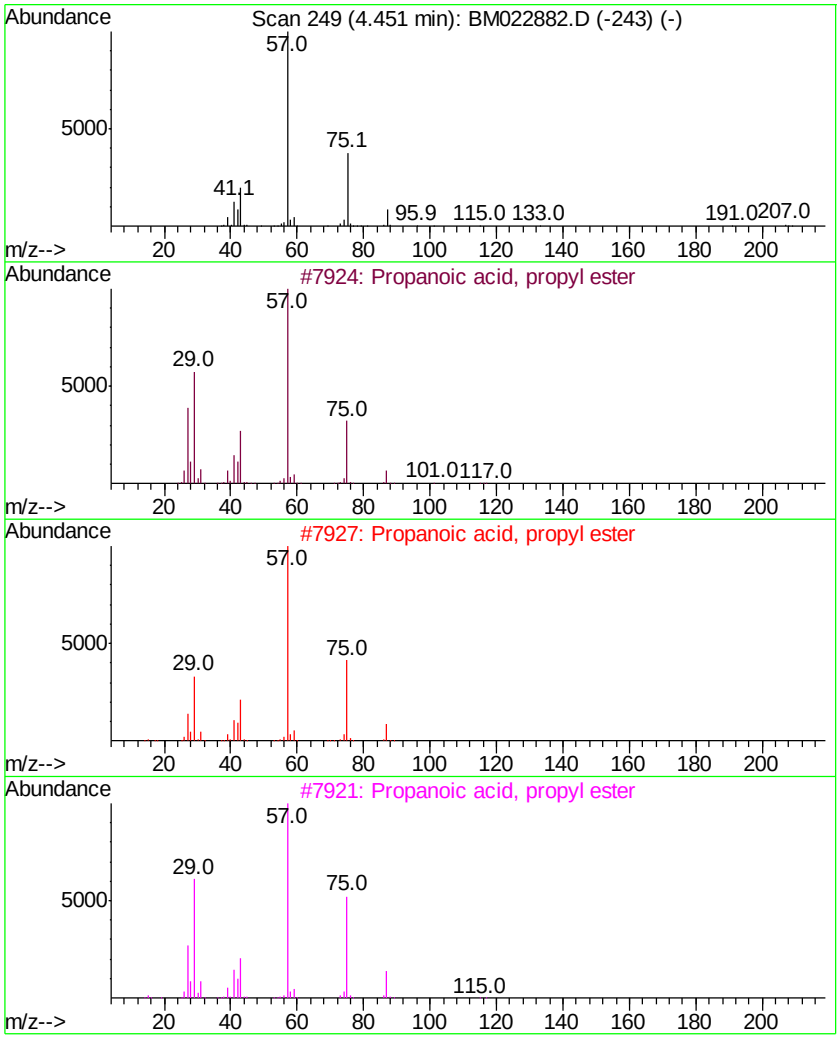
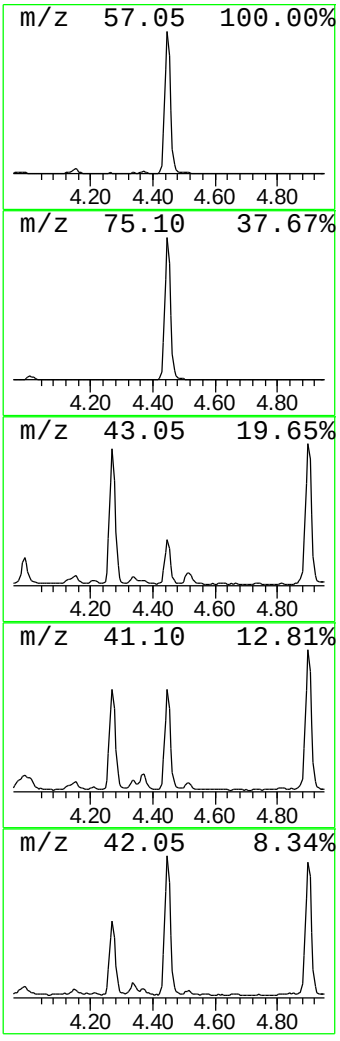
****

Peak Number 4 Propanoic acid, propyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	11.19 ng/ul	1084240	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	59
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BFDM6

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

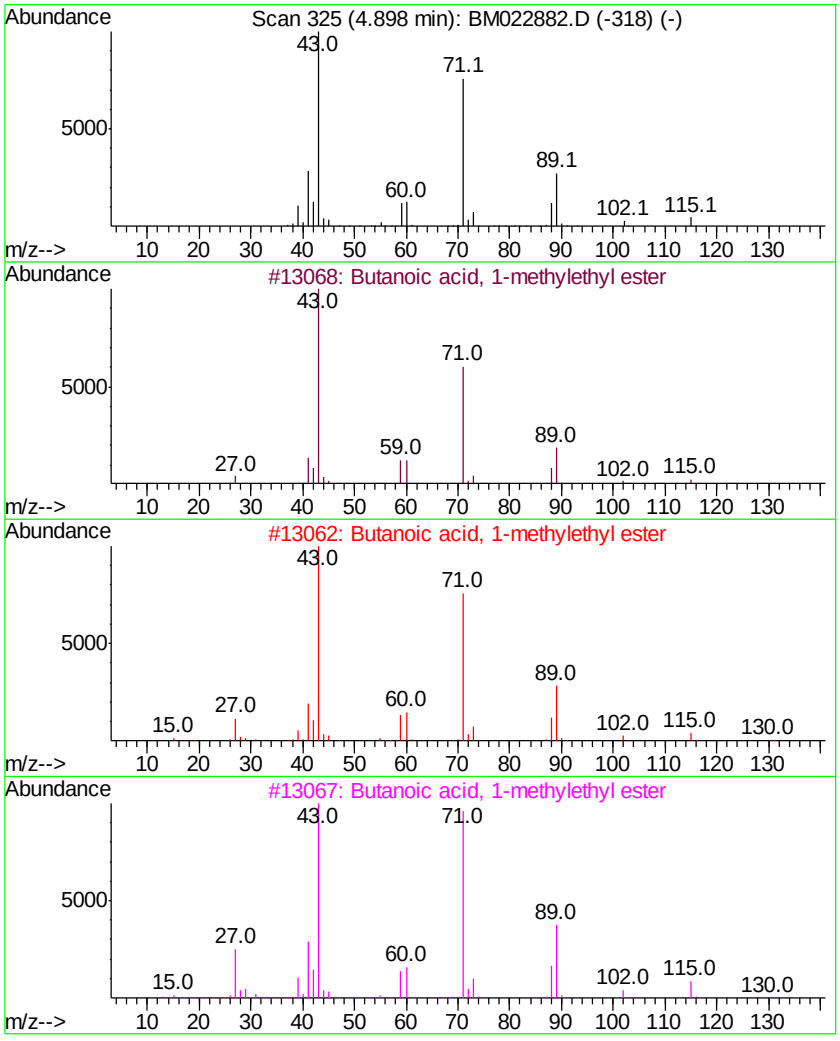
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

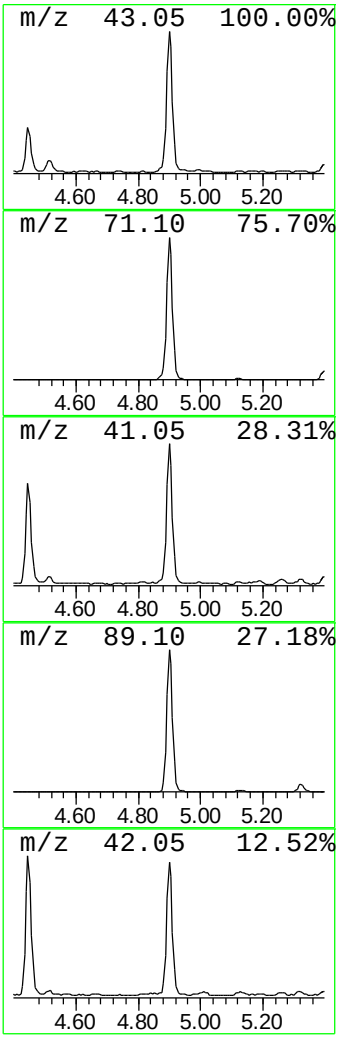
****

Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	12.06 ng/ul	1168210	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	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	56
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53





Library Search Compound Report

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Data File : BM022882.D
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Operator : JU
Sample : K4932-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM6

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

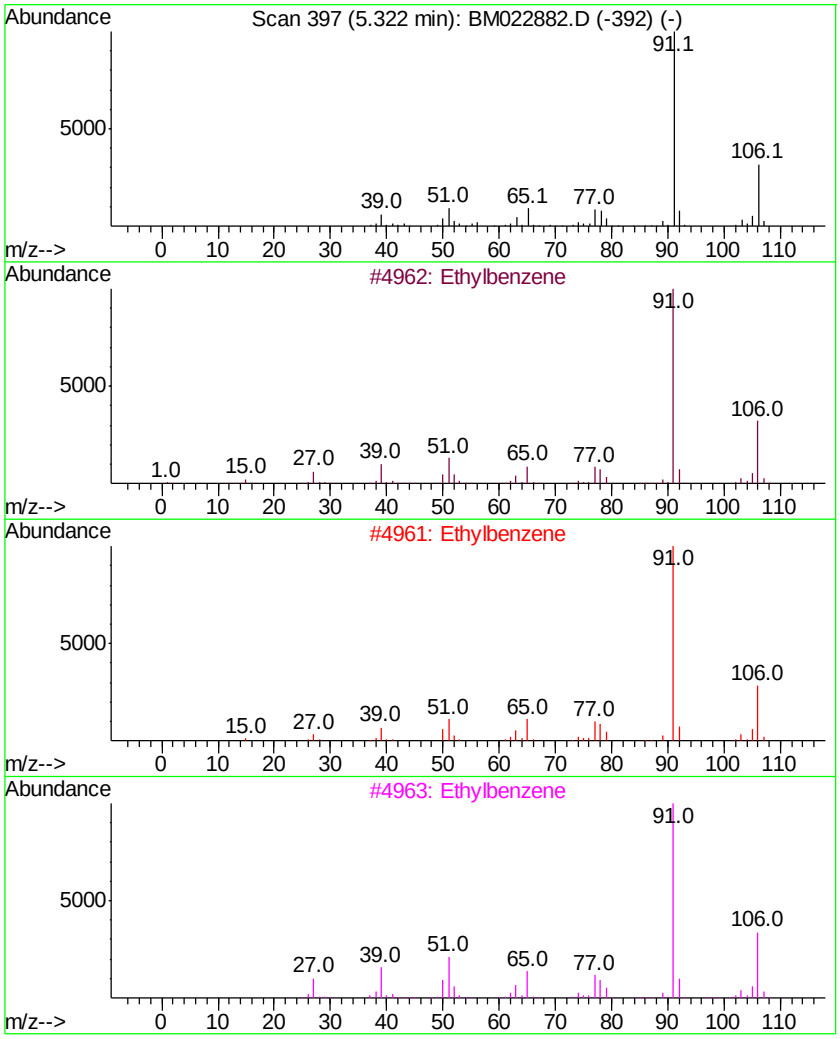
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

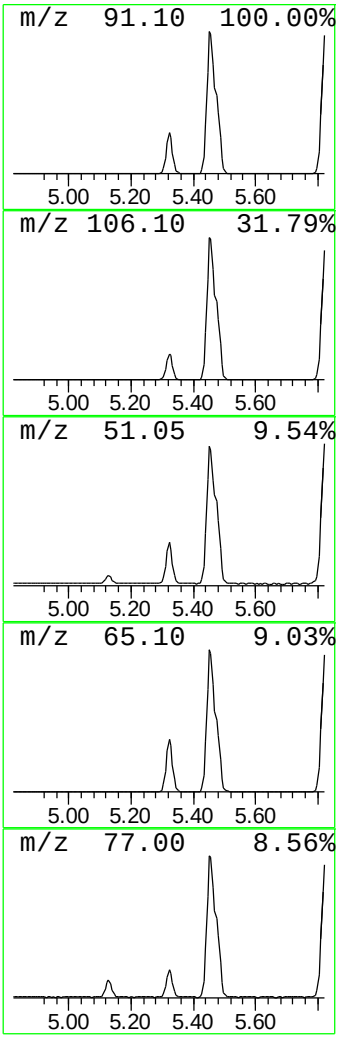
****

Peak Number 6 Ethylbenzene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	4.92 ng/ul	477010	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





Library Search Compound Report

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Acq On : 02 Oct 2019 08:35
Operator : JU
Sample : K4932-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM6

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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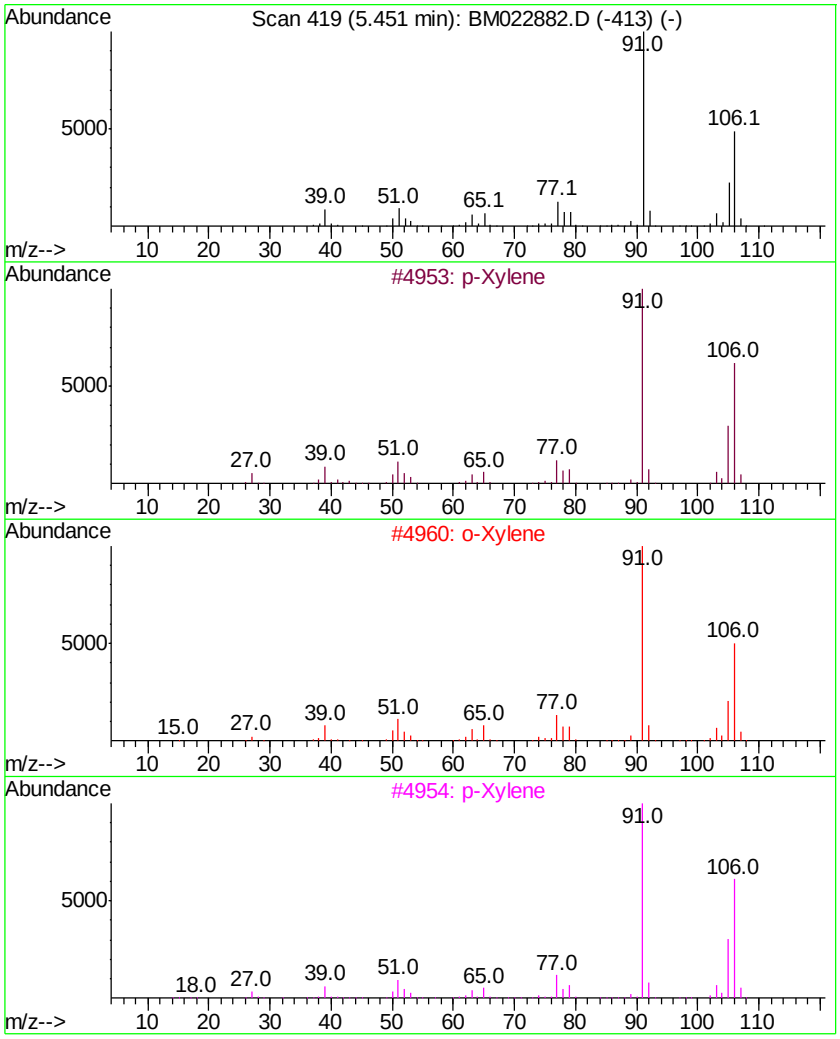
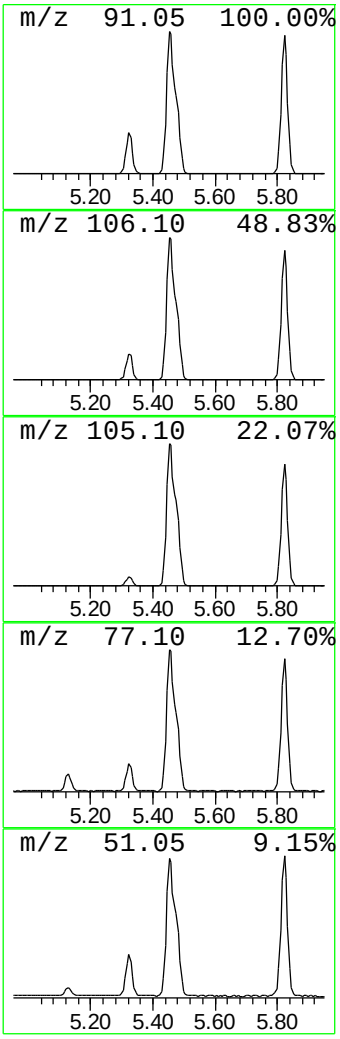
Peak Number 7 p-Xylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	29.66 ng/ul	2873540	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	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97





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ClientSampleId : BFDM6

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Quant Title : SVOA CALIBRATION

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

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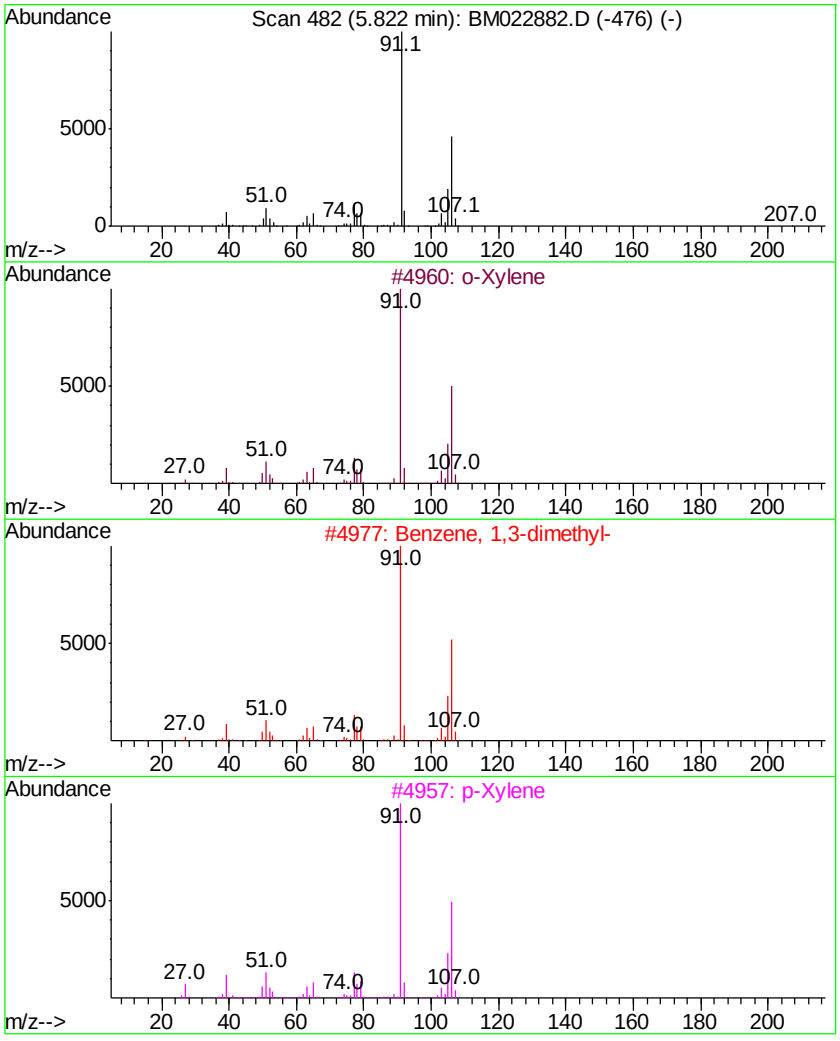
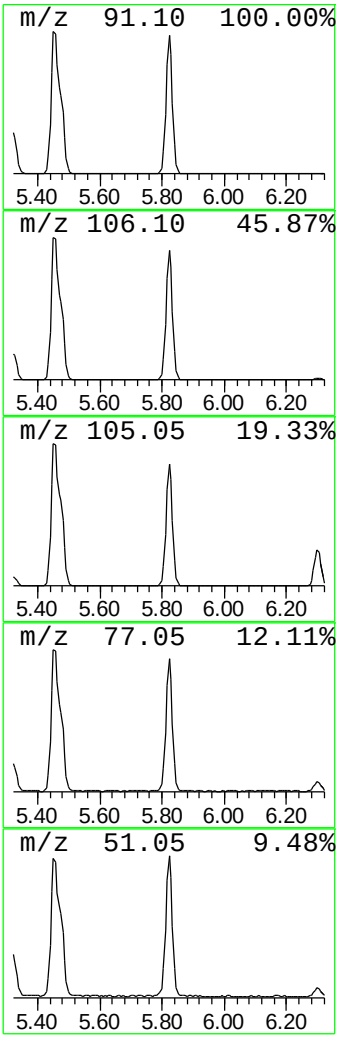
Peak Number 8 o-Xylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	19.63 ng/ul	1902060	1,4-Dichlorobenzene-d4	7.80

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





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Instrument : BNA_M
ClientSampleId : BFDM6

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Quant Title : SVOA CALIBRATION

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

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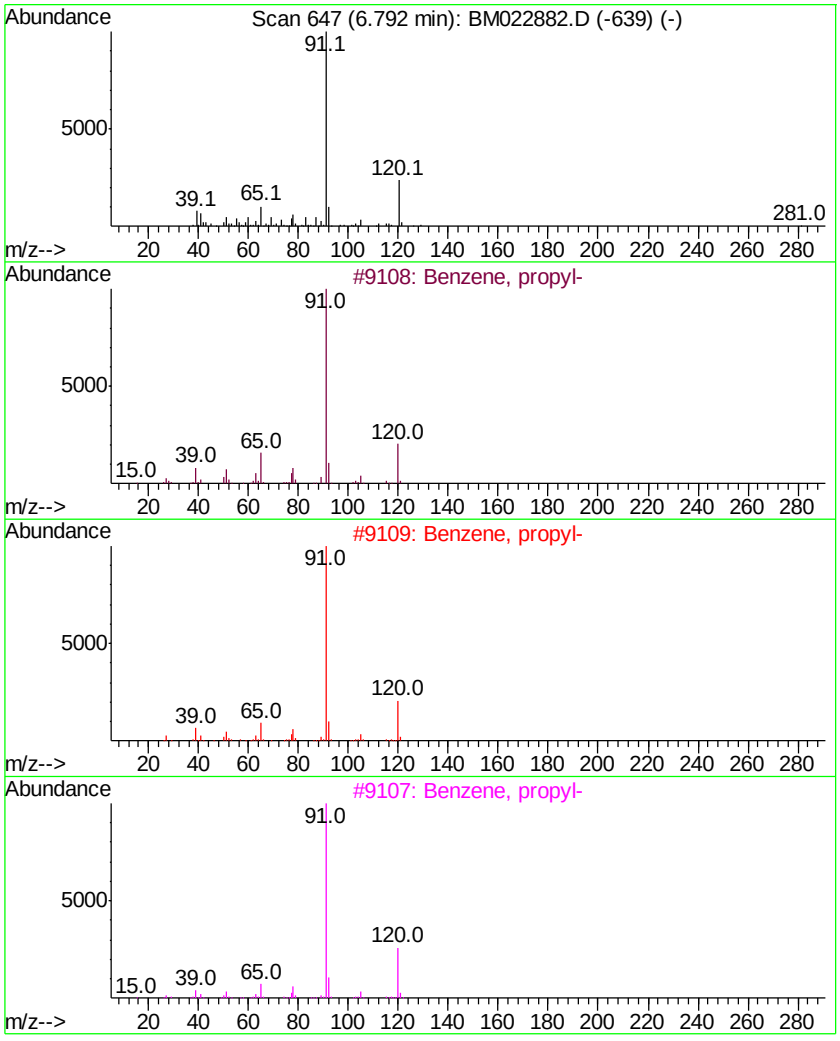
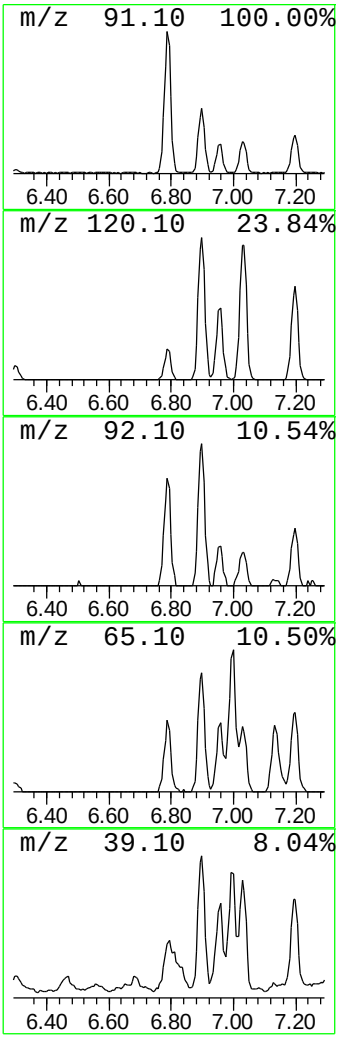
Peak Number 9 Benzene, propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	4.32 ng/ul	418957	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





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Instrument : BNA_M
ClientSampleId : BFDM6

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Quant Title : SVOA CALIBRATION

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

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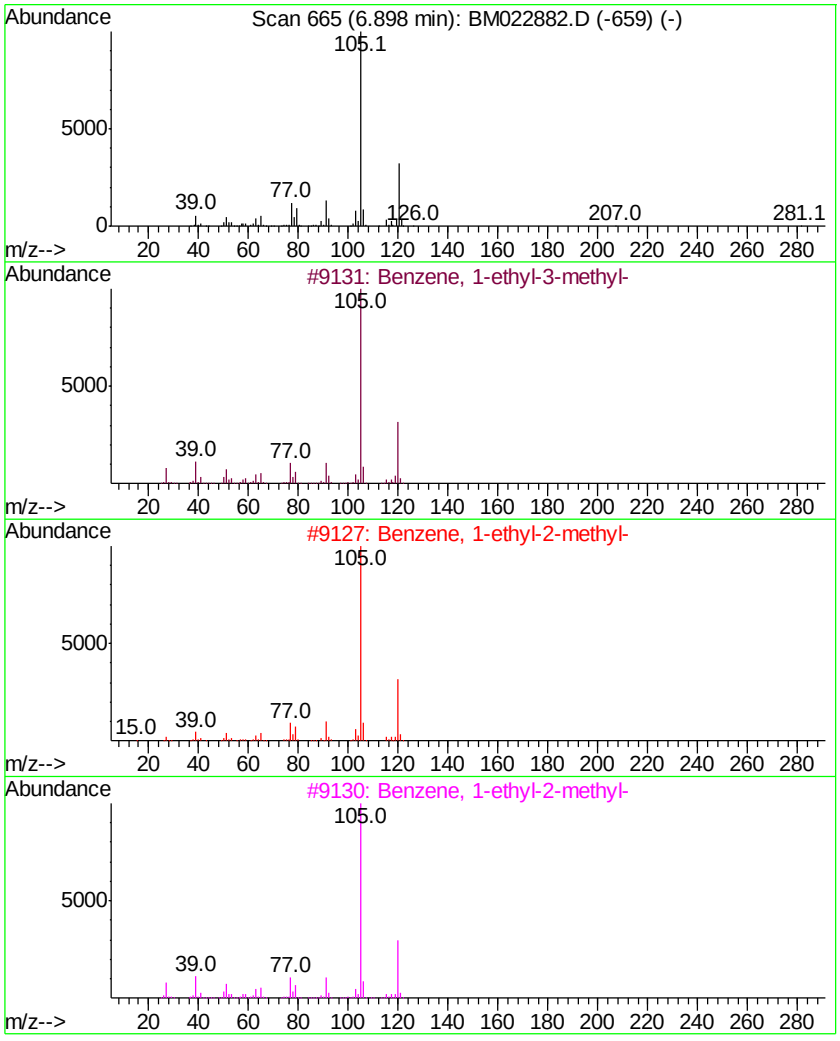
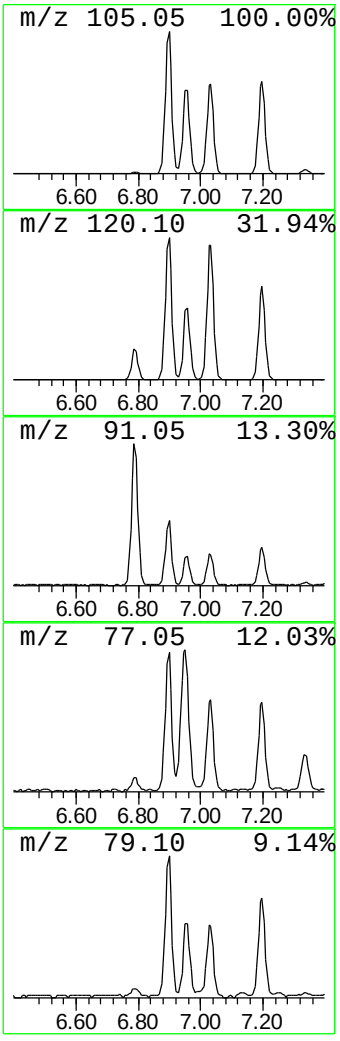
Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	8.84 ng/ul	856291	1,4-Dichlorobenzene-d4	7.80

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





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Instrument : BNA_M
ClientSampleId : BFDM6

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Quant Title : SVOA CALIBRATION

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

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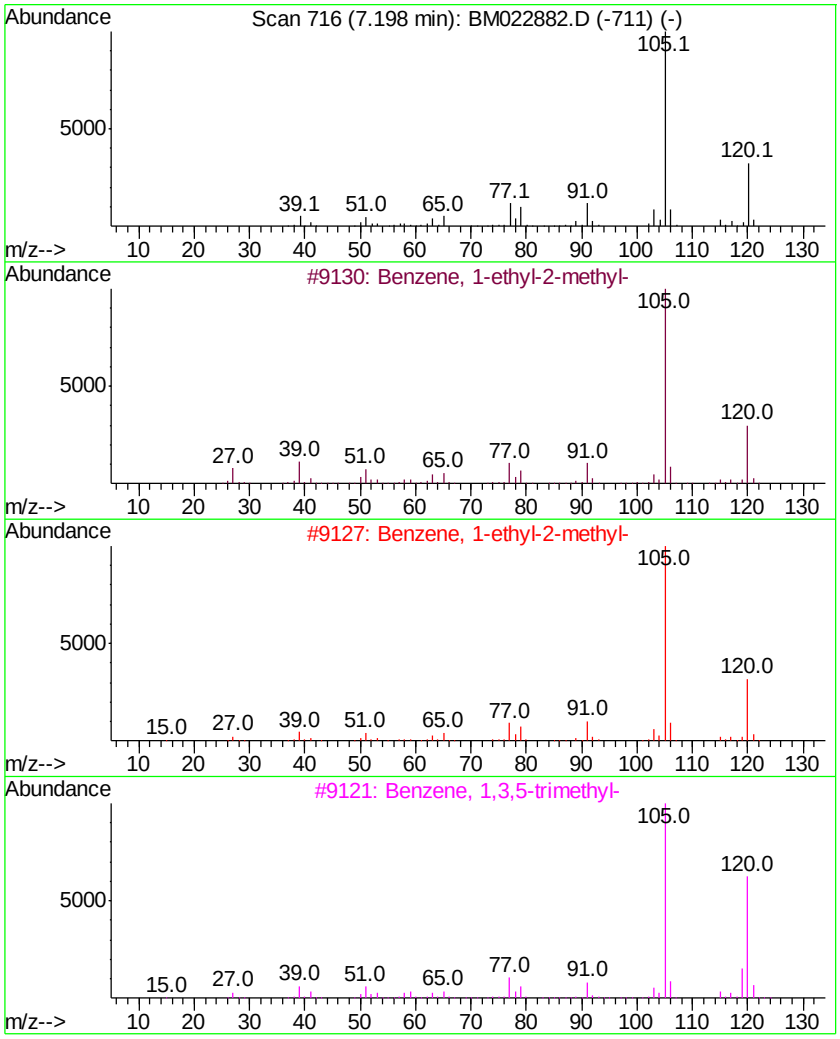
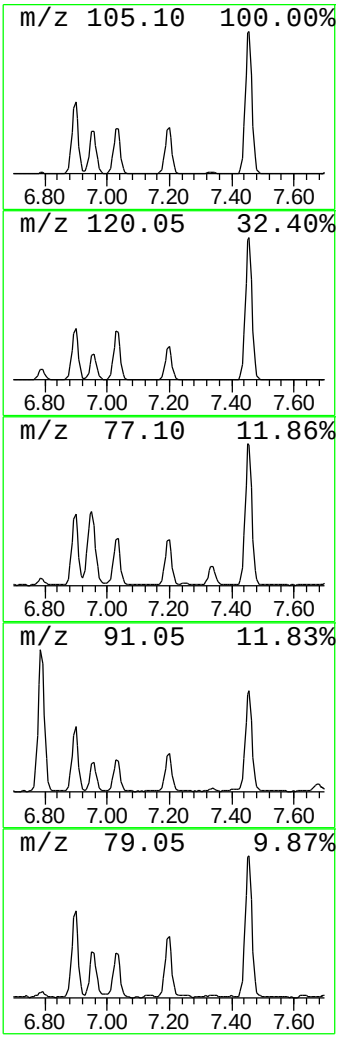
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	5.85 ng/ul	566387	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	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Instrument : BNA_M
ClientSampleId : BFDM6

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Quant Title : SVOA CALIBRATION

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

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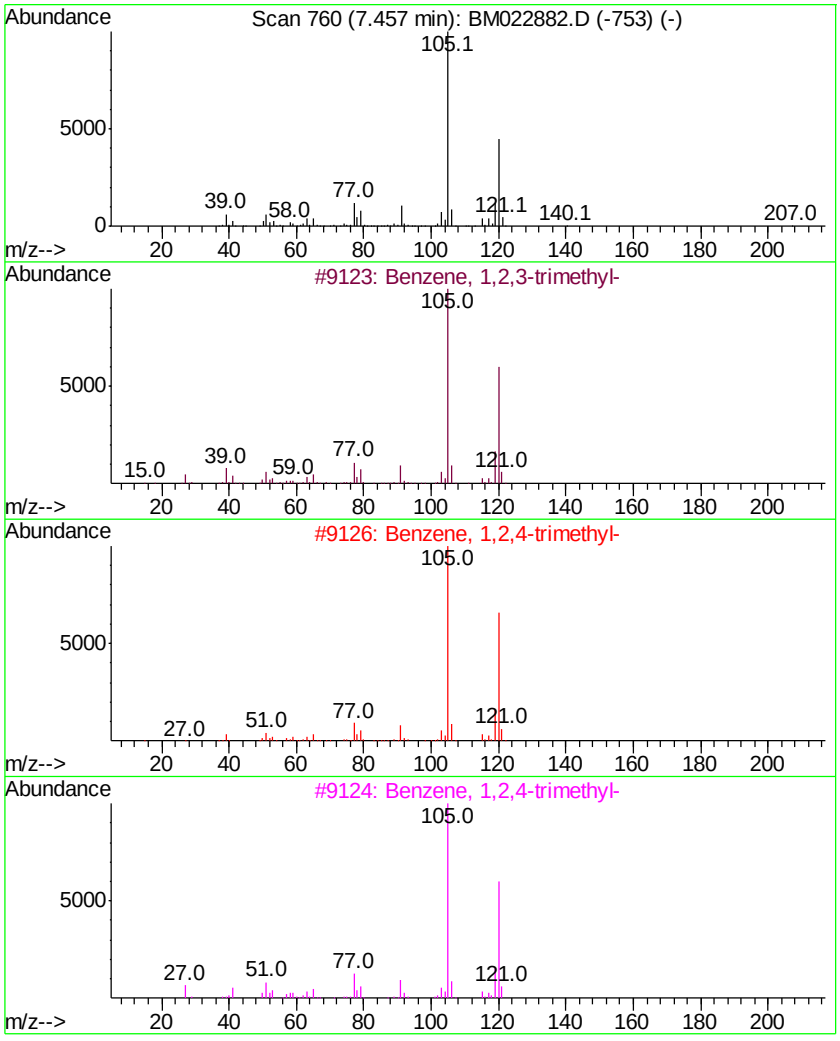
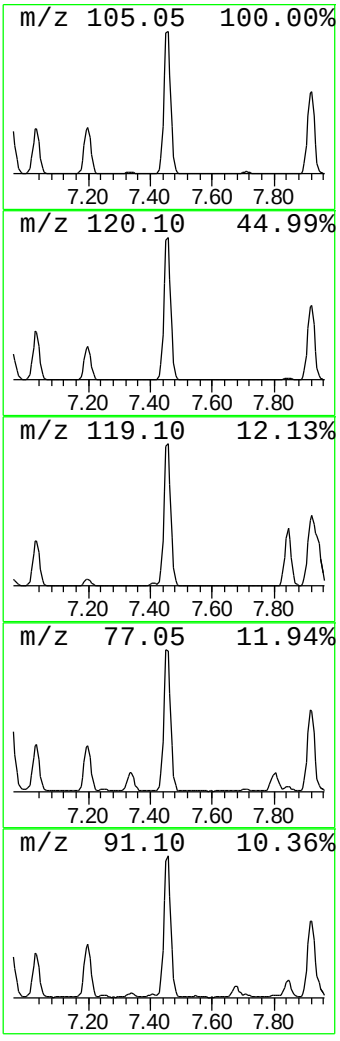
Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	20.24 ng/ul	1961220	1,4-Dichlorobenzene-d4	7.80

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





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Misc :
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Instrument : BNA_M
ClientSampleId : BFDM6

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Quant Title : SVOA CALIBRATION

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

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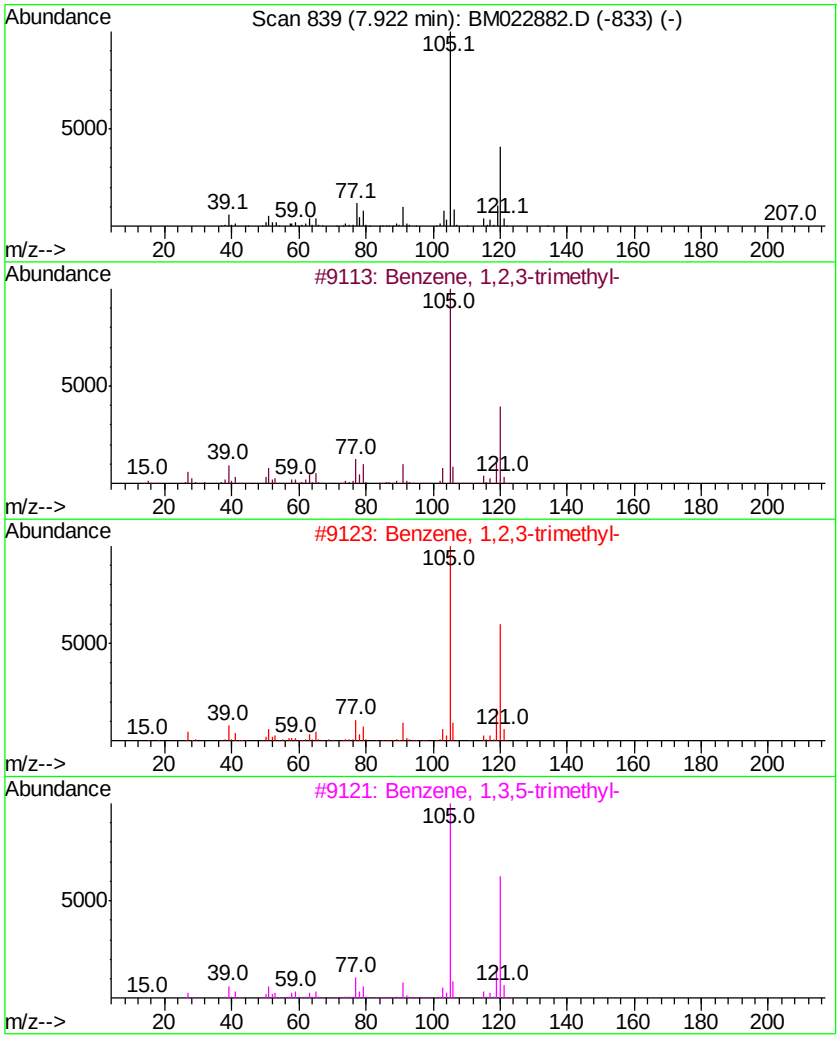
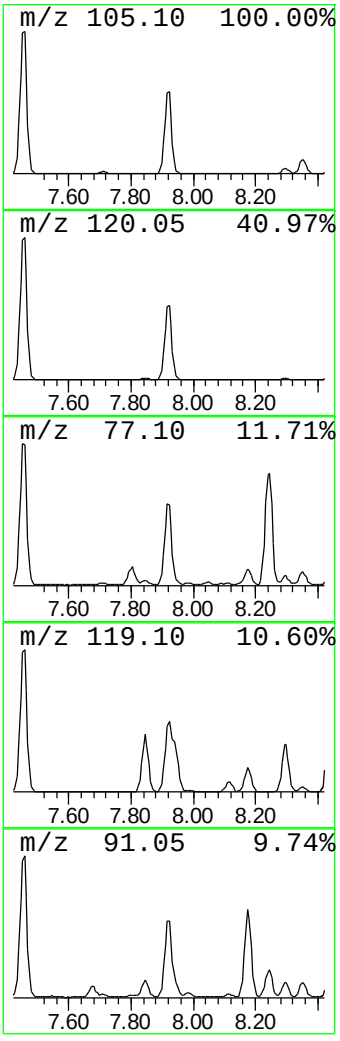
Peak Number 13 Benzene, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	12.63 ng/ul	1223670	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	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Instrument : BNA_M
ClientSampleId : BFDM6

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Quant Title : SVOA CALIBRATION

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

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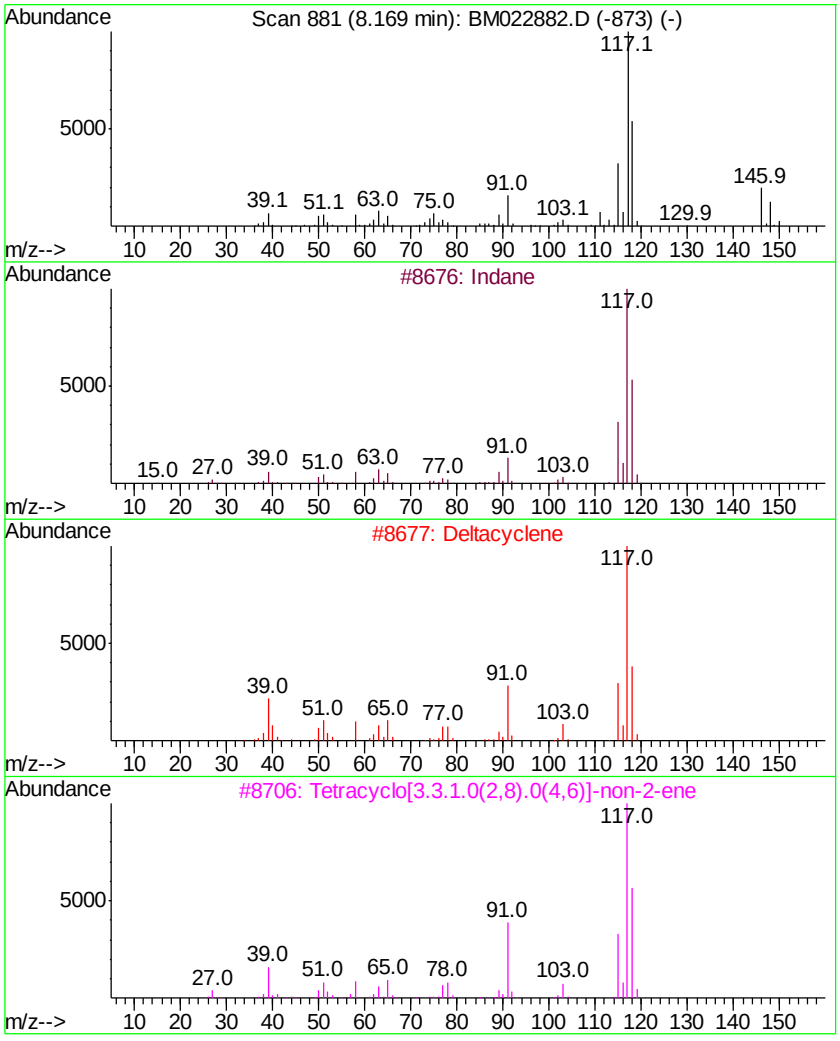
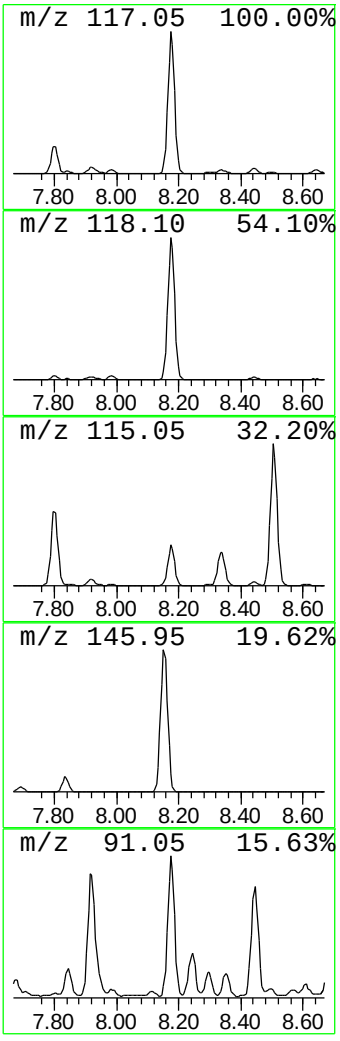
Peak Number 14 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	14.48 ng/ul	1402460	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Indane	118	C9H10	000496-11-7	64
5	Indane	118	C9H10	000496-11-7	60





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Quant Title : SVOA CALIBRATION

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

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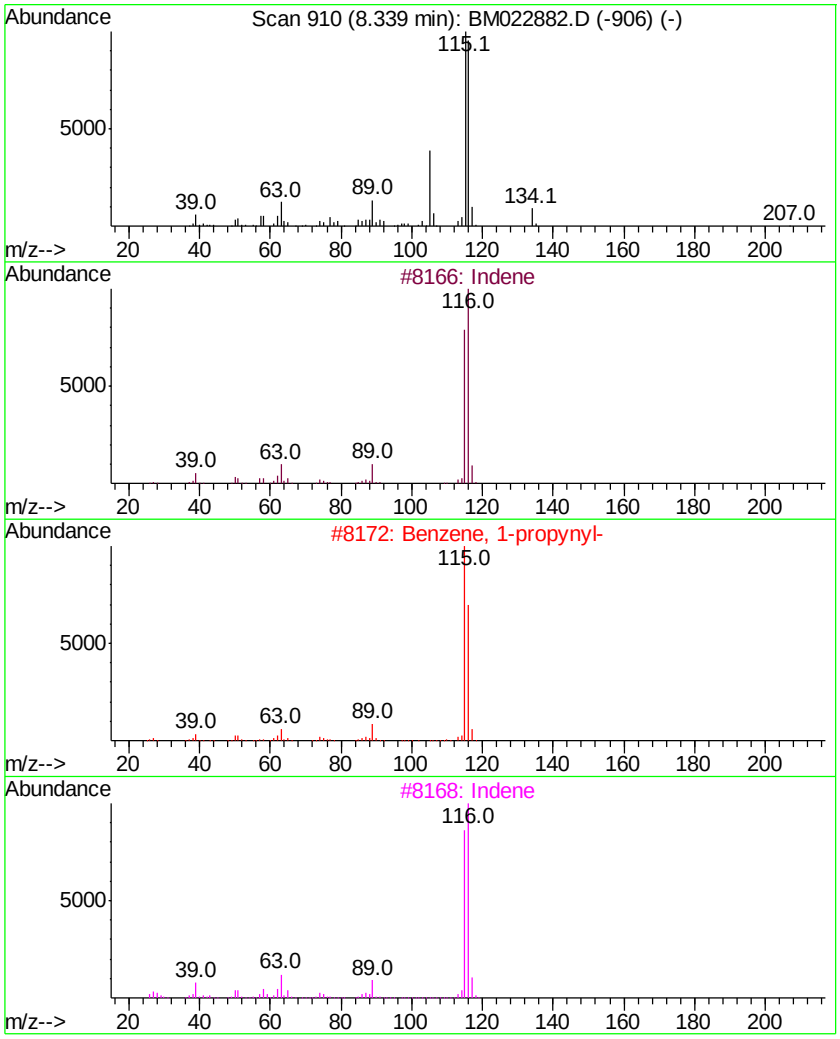
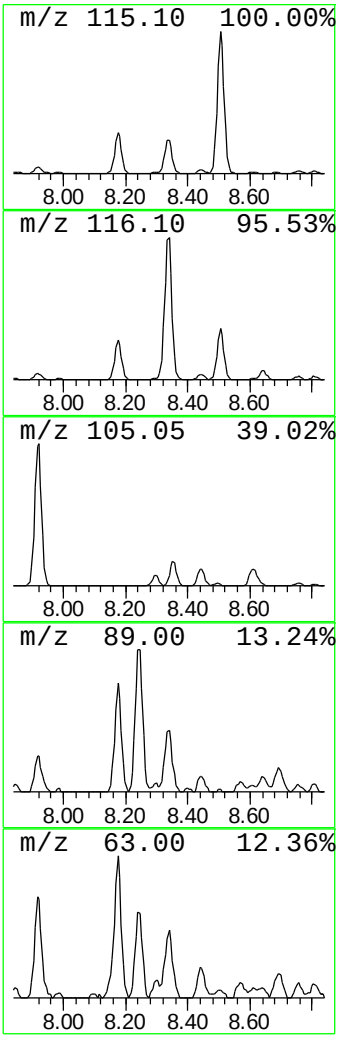
Peak Number 15 Indene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	4.29 ng/ul	415643	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Indene	116	C9H8	000095-13-6	91
4	Indene	116	C9H8	000095-13-6	87
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	87





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Quant Title : SVOA CALIBRATION

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

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Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	4.50 ng/ul	435514	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
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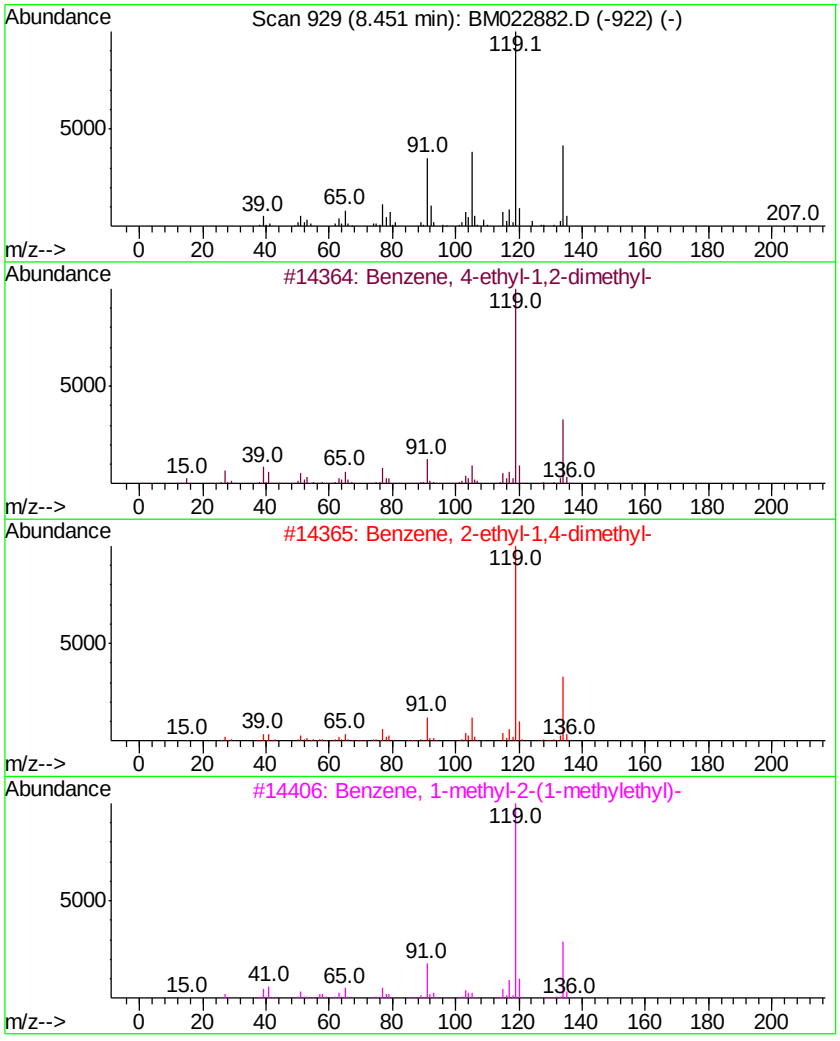

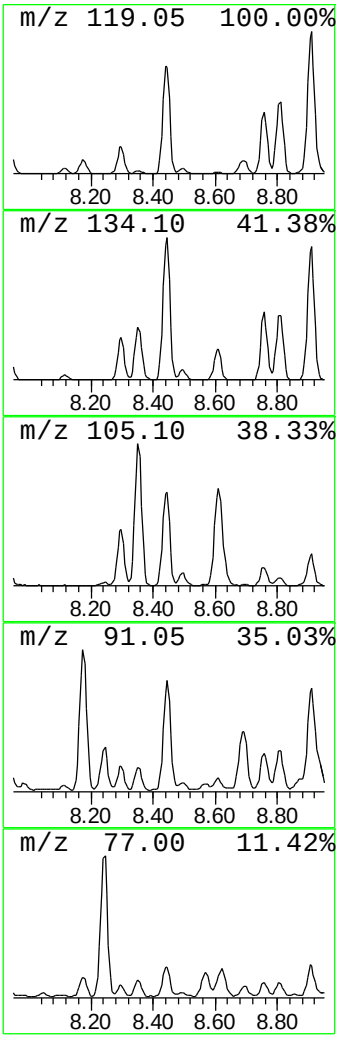

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Quant Title : SVOA CALIBRATION

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

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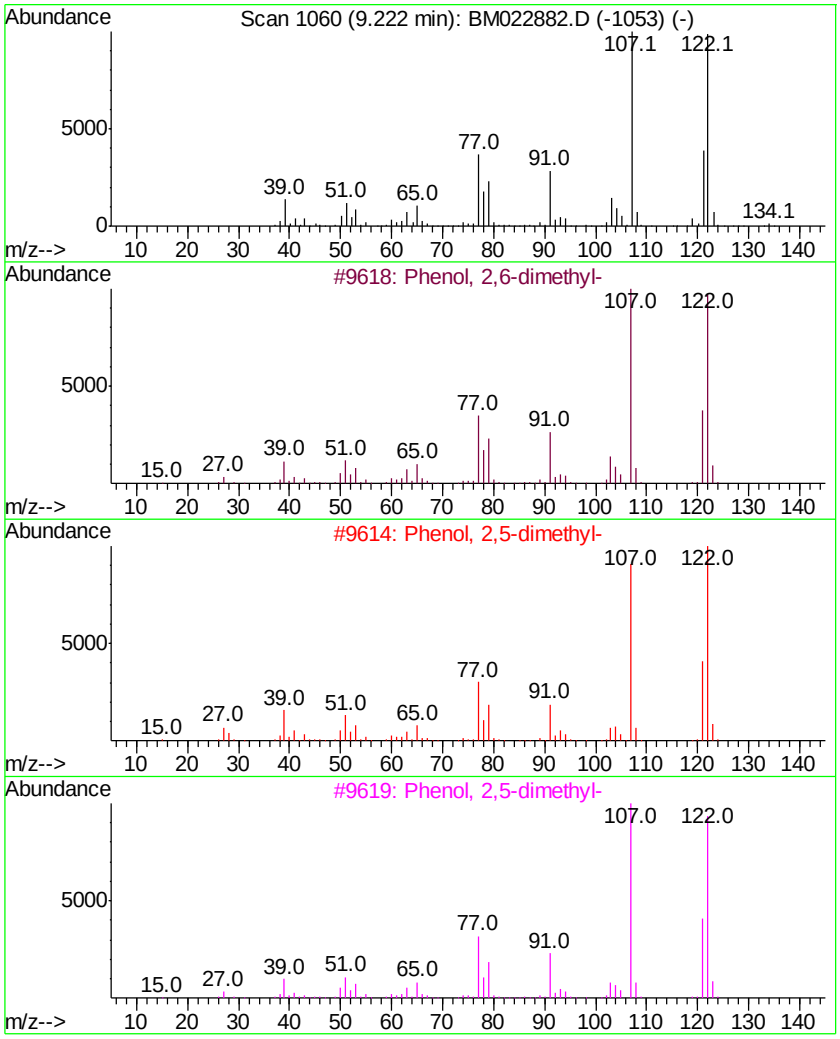
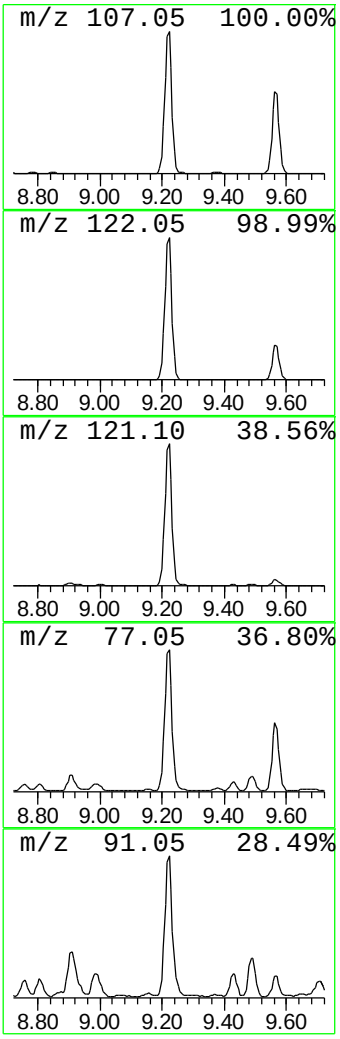
Peak Number 17 Phenol, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	13.54 ng/ul	2008310	Naphthalene-d8	10.59

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, 2,5-dimethyl-	122	C8H10O	000095-87-4	96
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	96
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95





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Sample : K4932-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM6

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Quant Title : SVOA CALIBRATION

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

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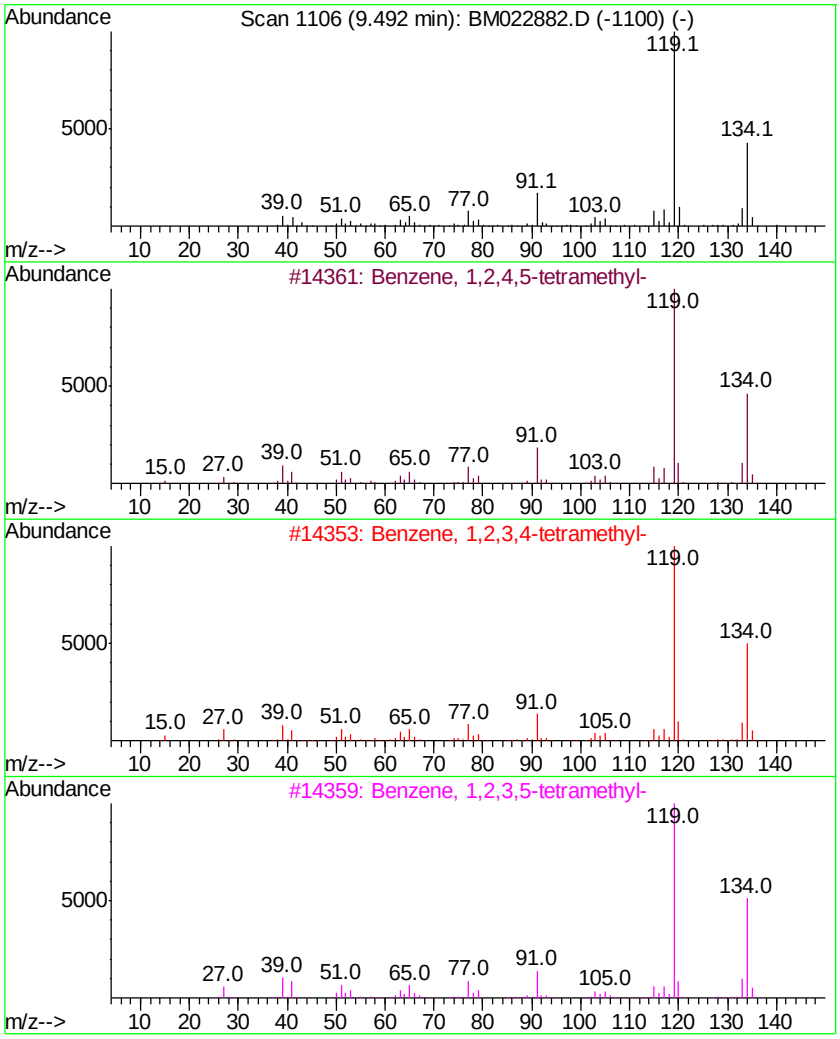
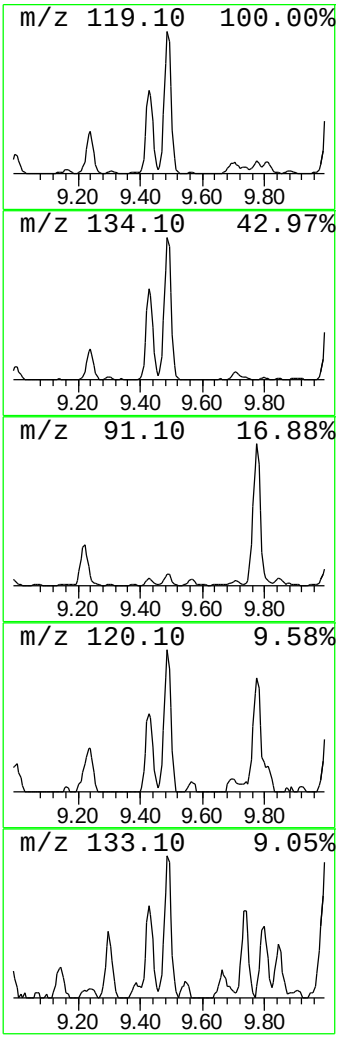
Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	3.50 ng/ul	518942	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-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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Acq On : 02 Oct 2019 08:35
Operator : JU
Sample : K4932-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM6

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Quant Title : SVOA CALIBRATION

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

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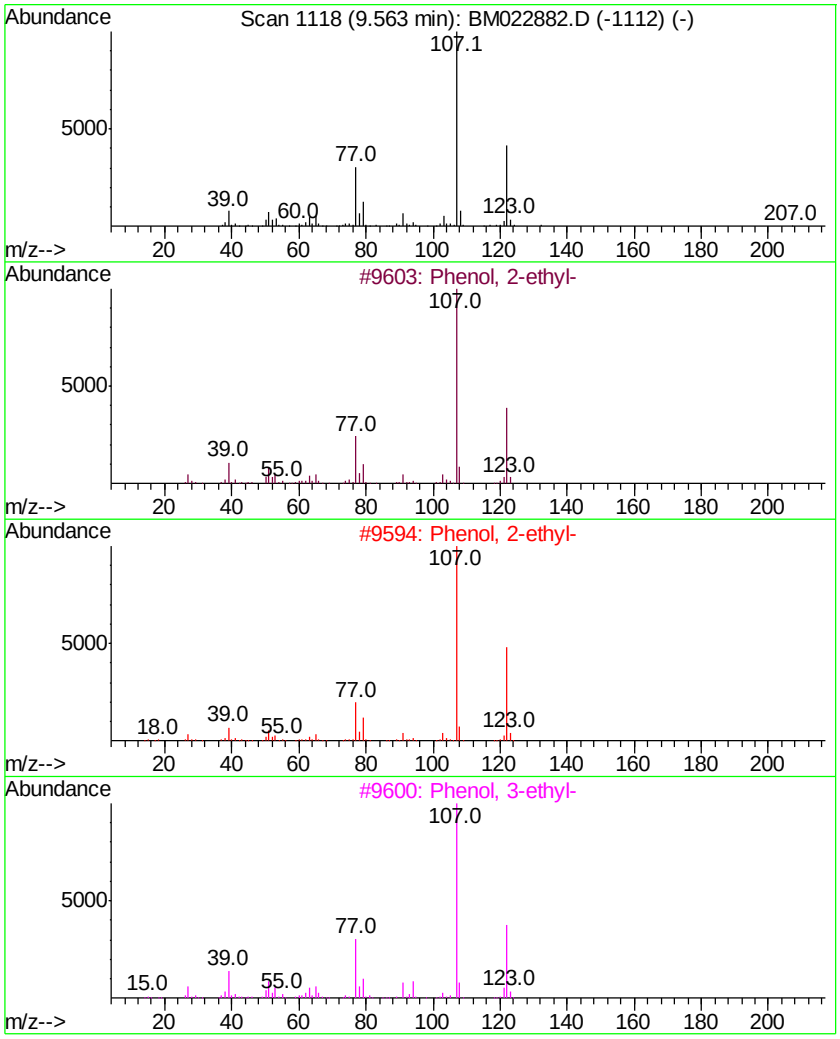
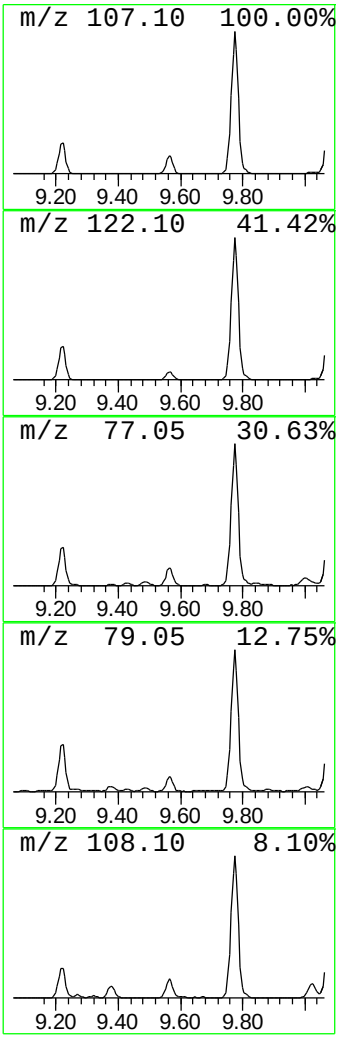
Peak Number 19 Phenol, 2-ethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	4.09 ng/ul	606509	Naphthalene-d8	10.59

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-ethyl-	122	C8H10O	000620-17-7	91
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90





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Instrument : BNA_M
ClientSampleId : BFDM6

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Quant Title : SVOA CALIBRATION

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

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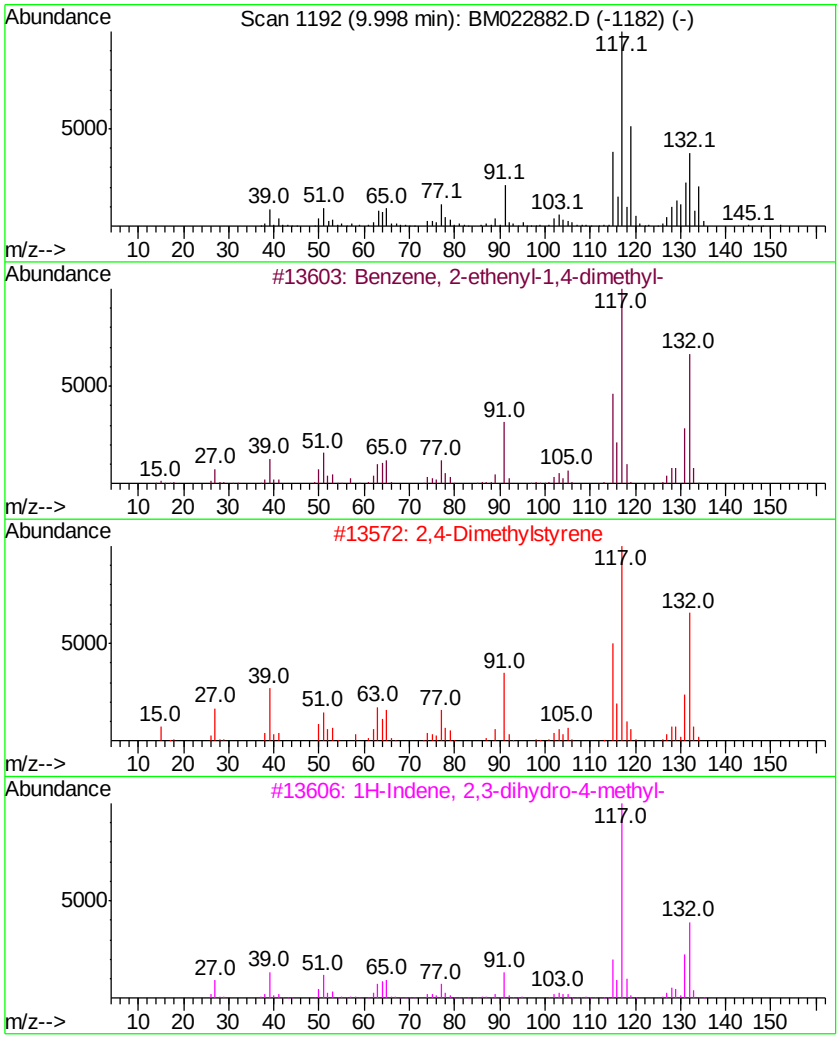
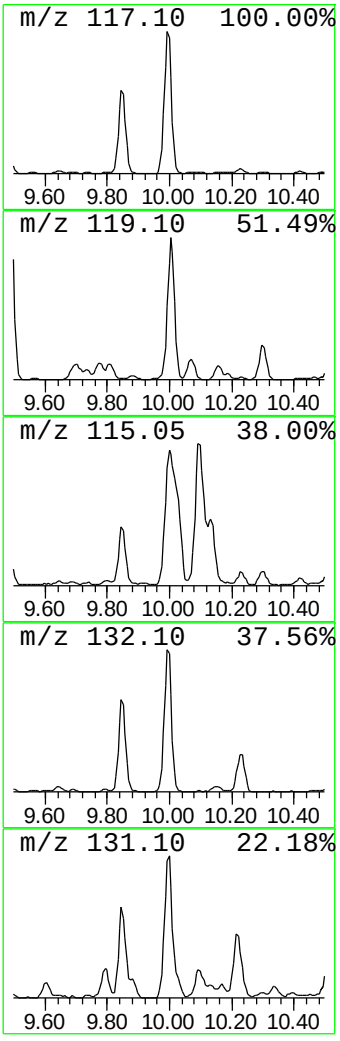
Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	12.01 ng/ul	1781370	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	80
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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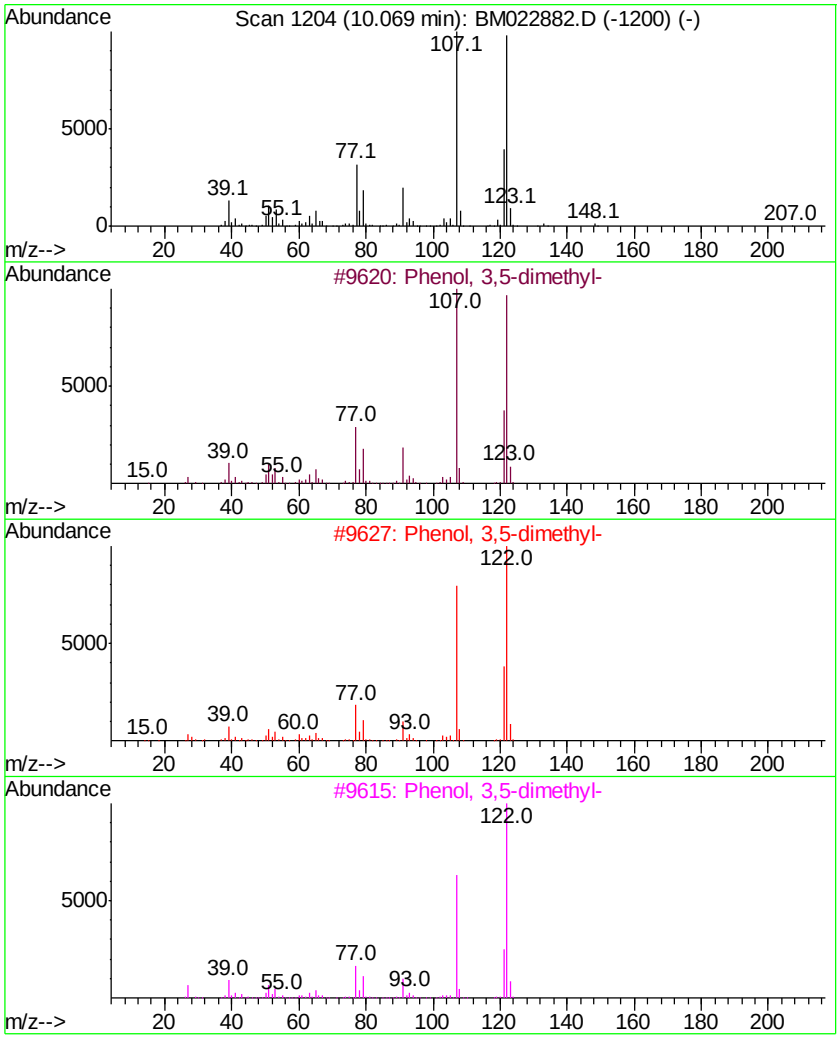
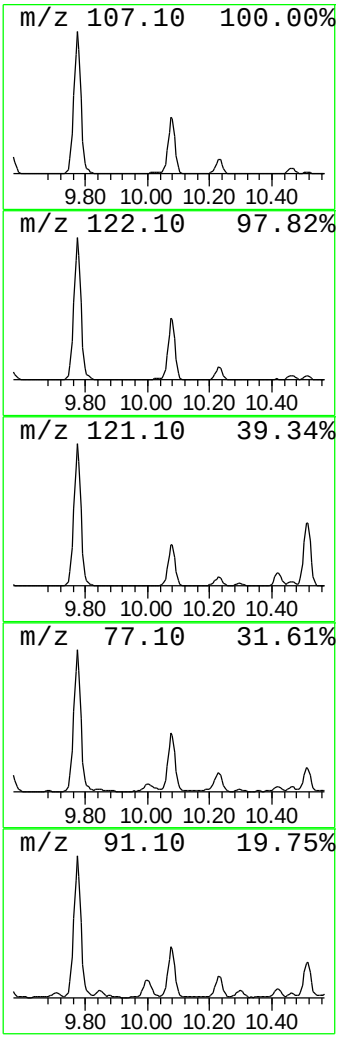
Peak Number 21 Phenol, 3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	21.59 ng/ul	3202860	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	91
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91





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Instrument : BNA_M
ClientSampleId : BFDM6

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Quant Title : SVOA CALIBRATION

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

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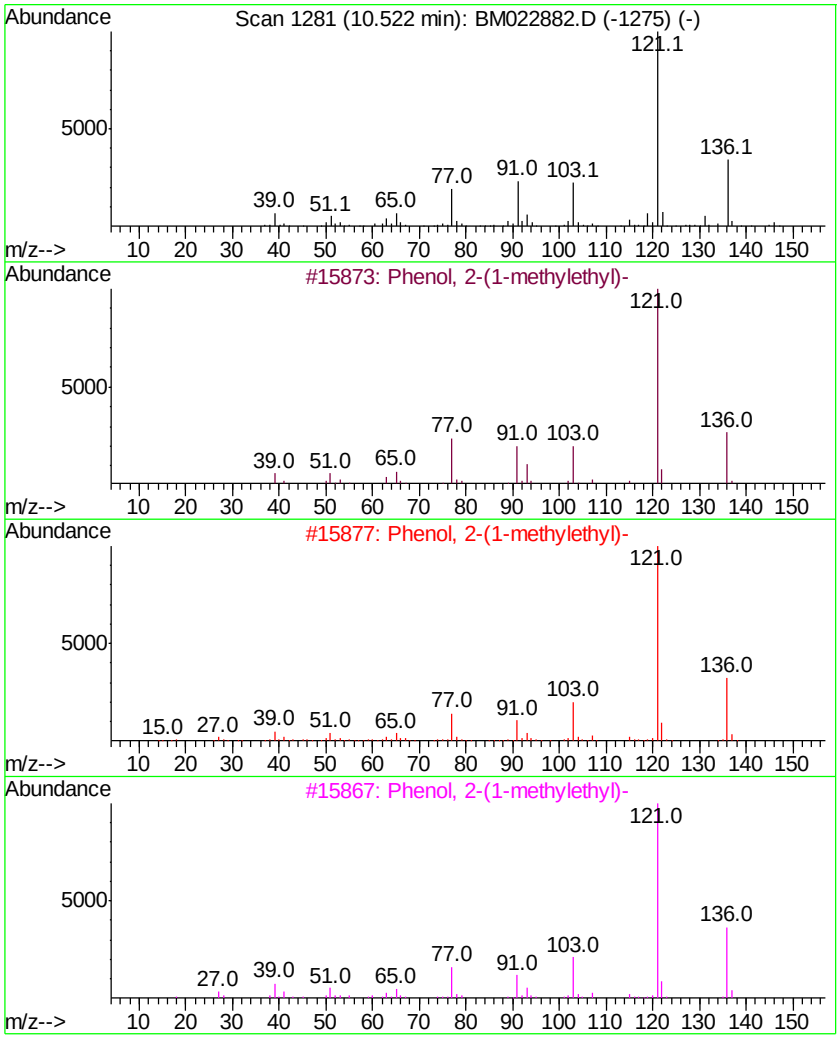
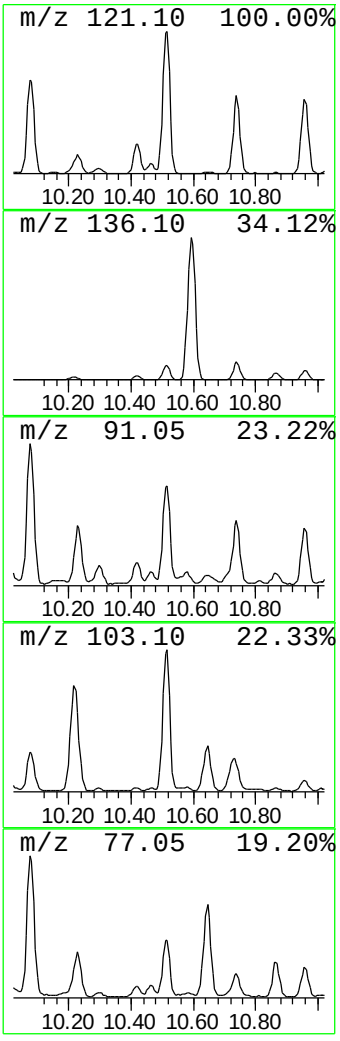
Peak Number 22 Phenol, 2-(1-methylethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	8.35 ng/ul	1239170	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	93
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	87
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	80





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Operator : JU
Sample : K4932-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId : BFDM6

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Quant Title : SVOA CALIBRATION

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

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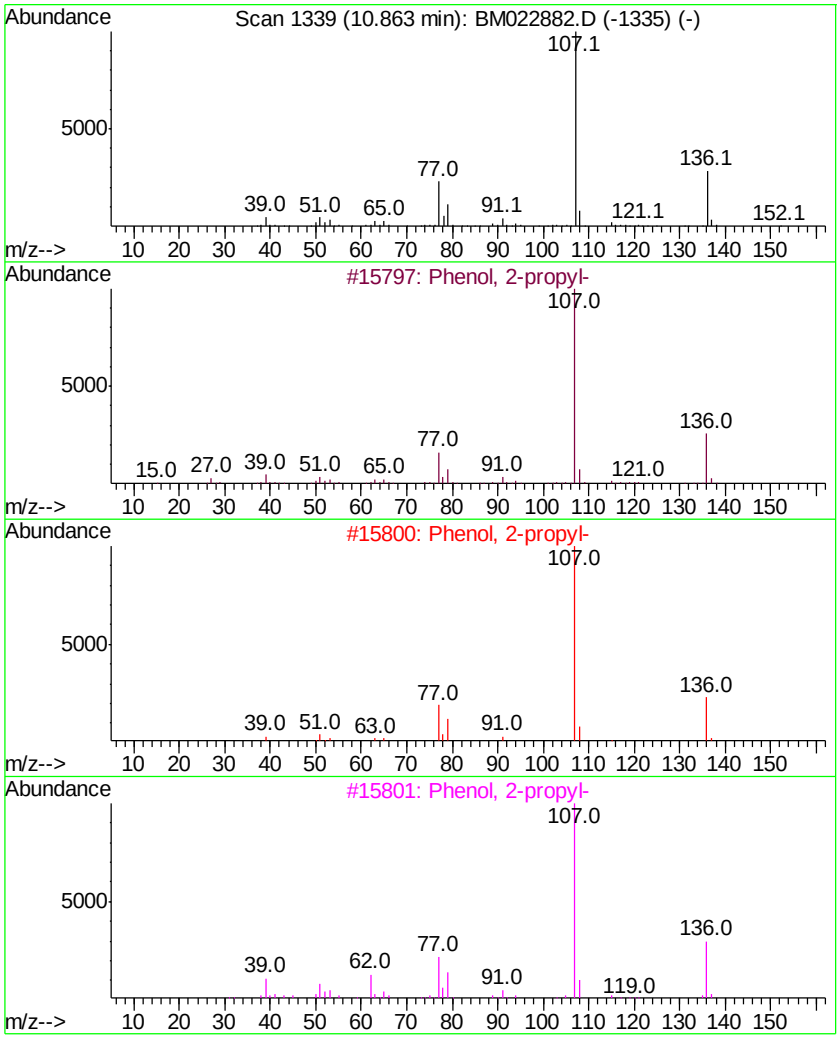
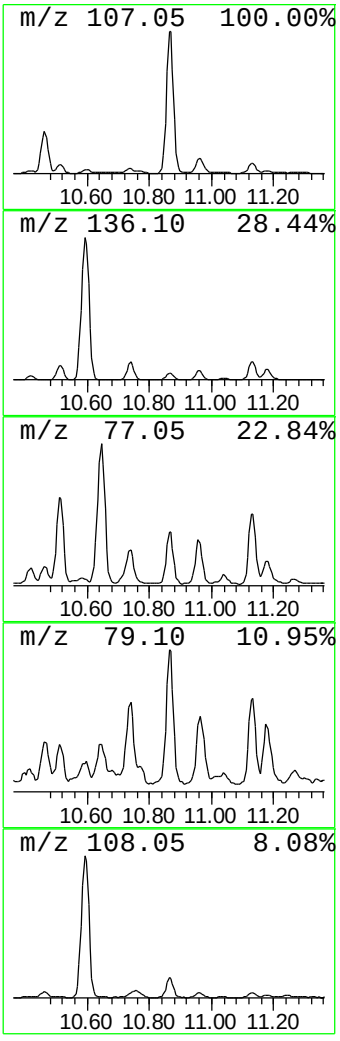
Peak Number 23 Phenol, 2-propyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	3.36 ng/ul	498759	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	94
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	91
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	83
4	Furan, 2-(1-pentenyl)-, (E)-	136	C9H12O	020992-69-2	72
5	Phenol, 4-propyl-	136	C9H12O	000645-56-7	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 24 Phenol, 3-ethyl-5-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	4.77 ng/ul	707278	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	91
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
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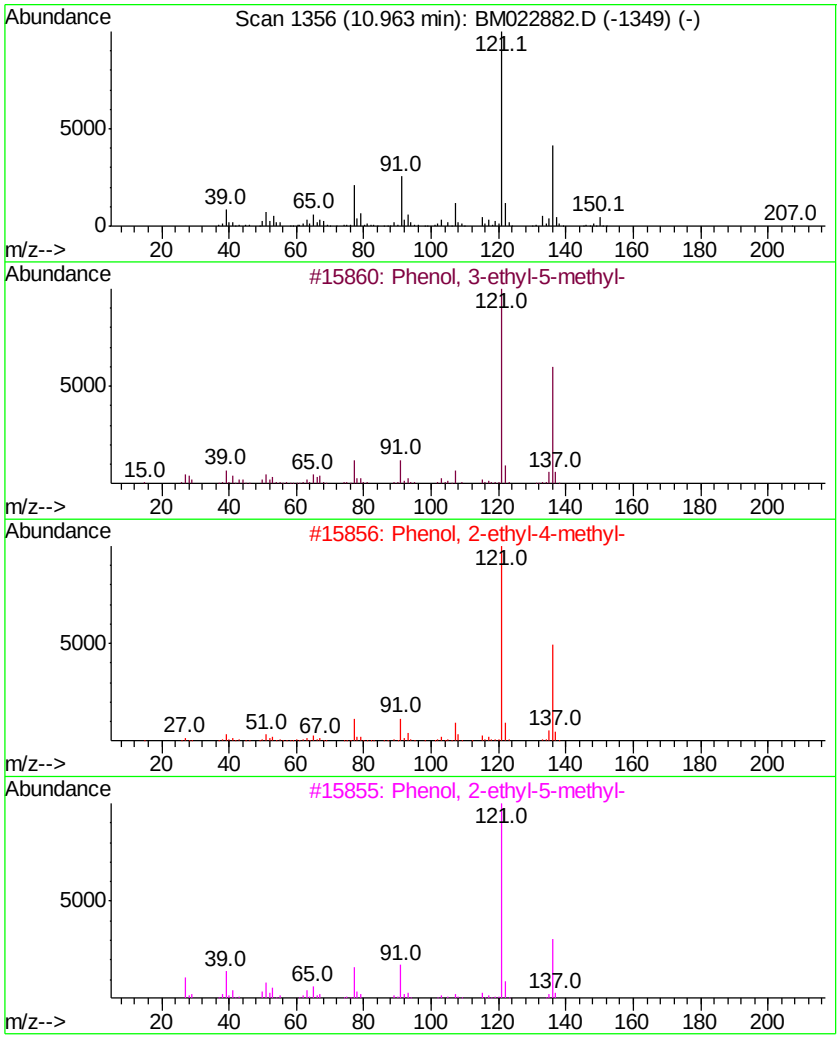

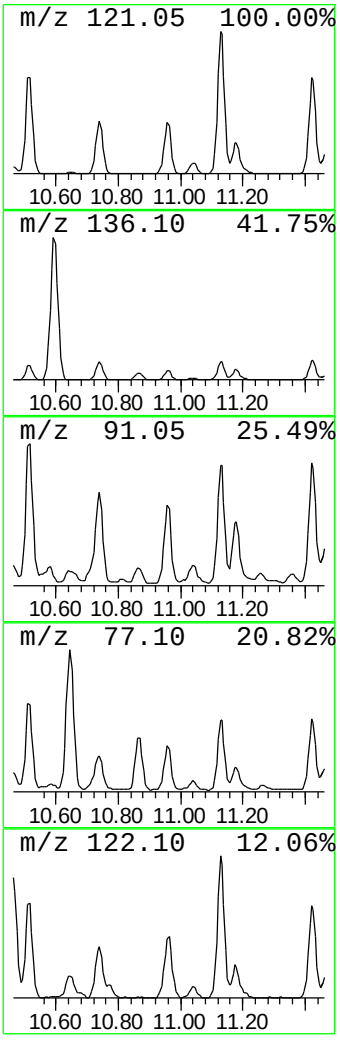

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Operator : JU
Sample : K4932-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM6

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Quant Title : SVOA CALIBRATION

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

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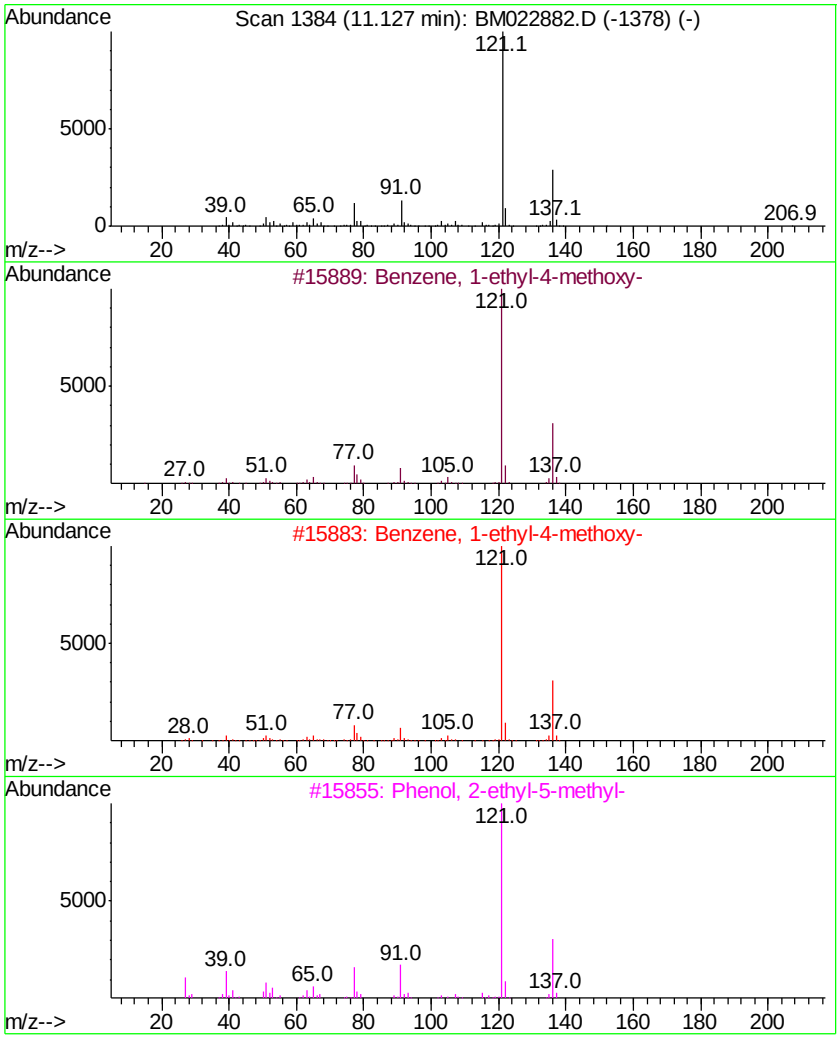
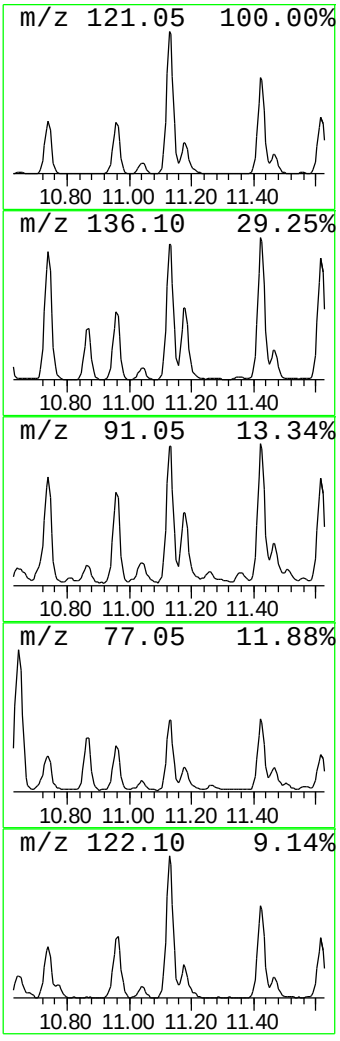
Peak Number 25 Benzene, 1-ethyl-4-methoxy- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	9.70 ng/ul	1438600	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	91
2	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	91
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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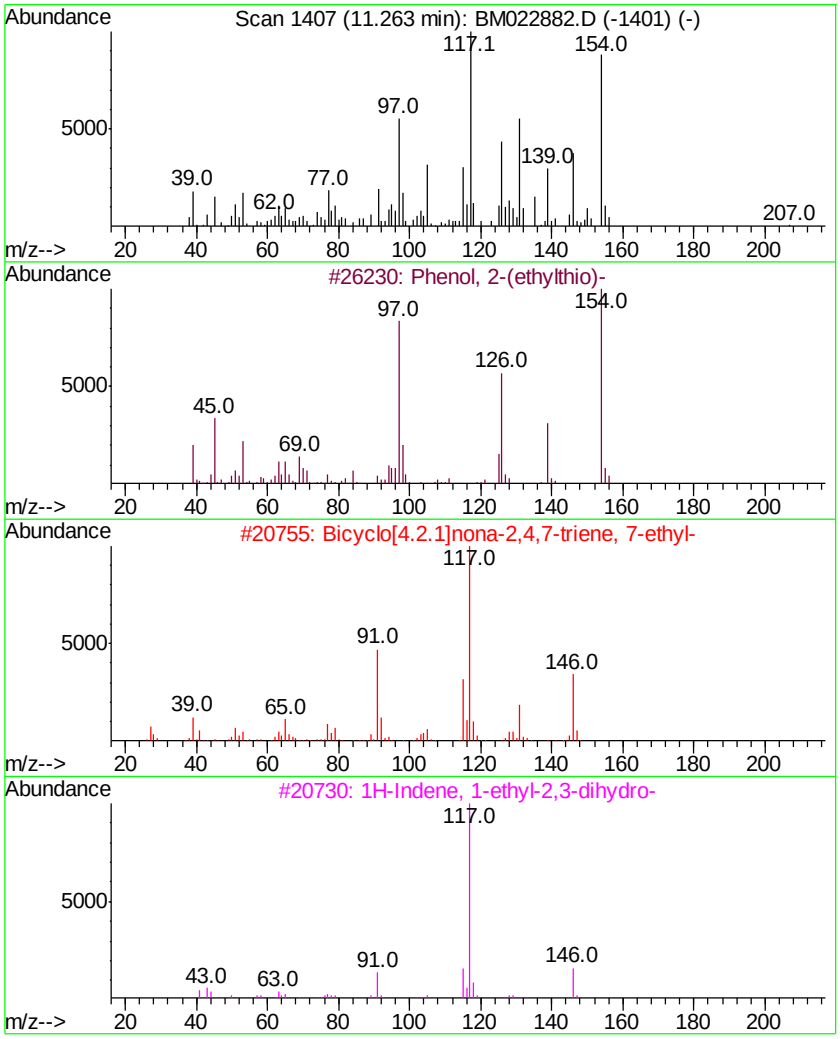
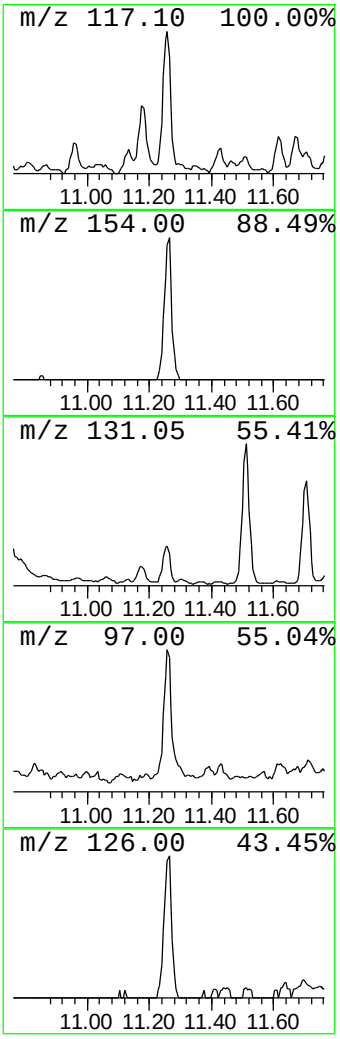
Peak Number 27 Phenol, 2-(ethylthio)- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	2.16 ng/ul	320673	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(ethylthio)-	154	C8H10OS	029549-60-8	81
2	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	46
3	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	38
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	35
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	35





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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, 2,4,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	6.41 ng/ul	950714	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	94
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
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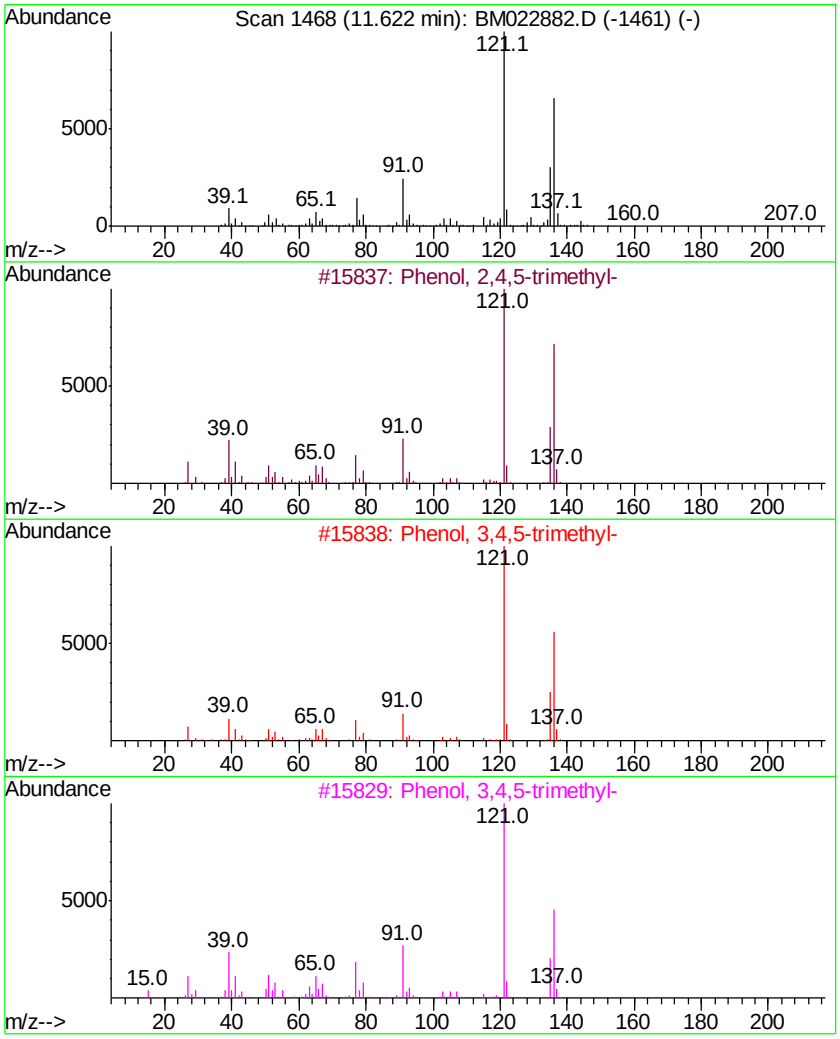

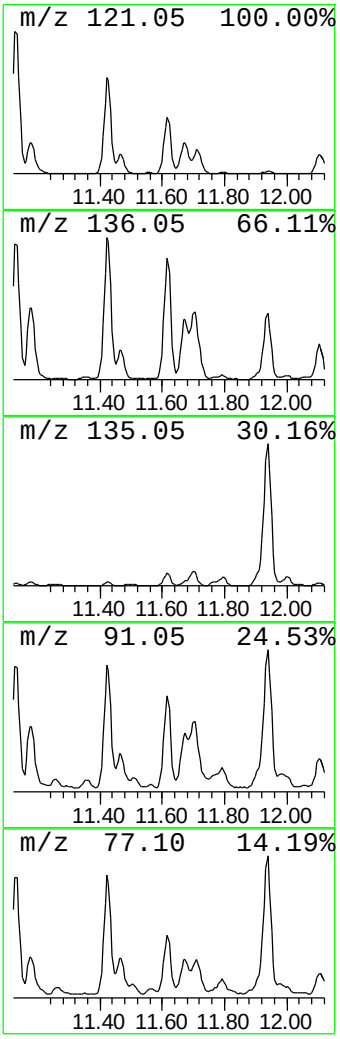

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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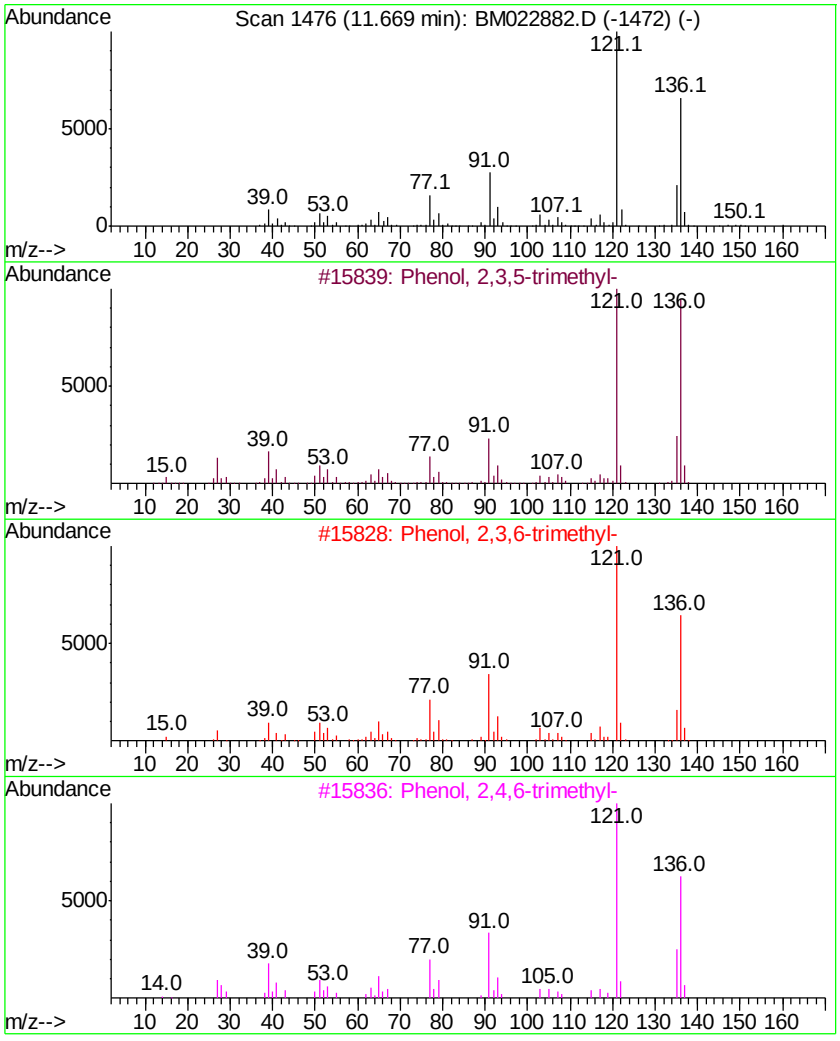
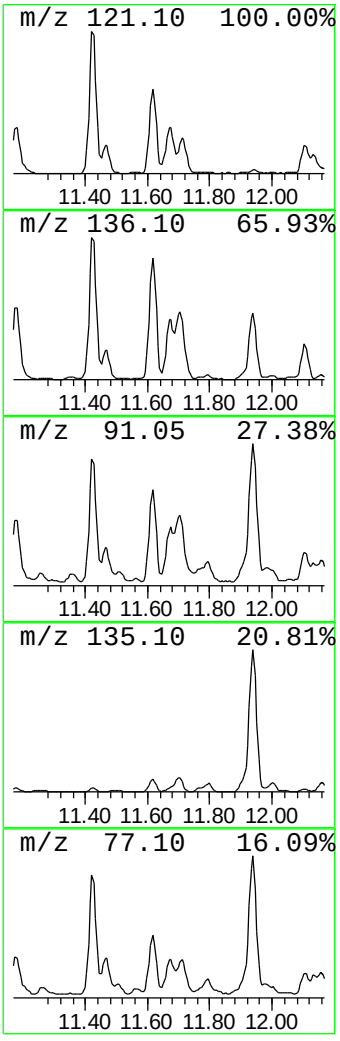
Peak Number 30 Phenol, 2,3,5-trimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	2.89 ng/ul	428228	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	91
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
4	3,4-Dimethylanisole	136	C9H12O	004685-47-6	91
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91





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Quant Title : SVOA CALIBRATION

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

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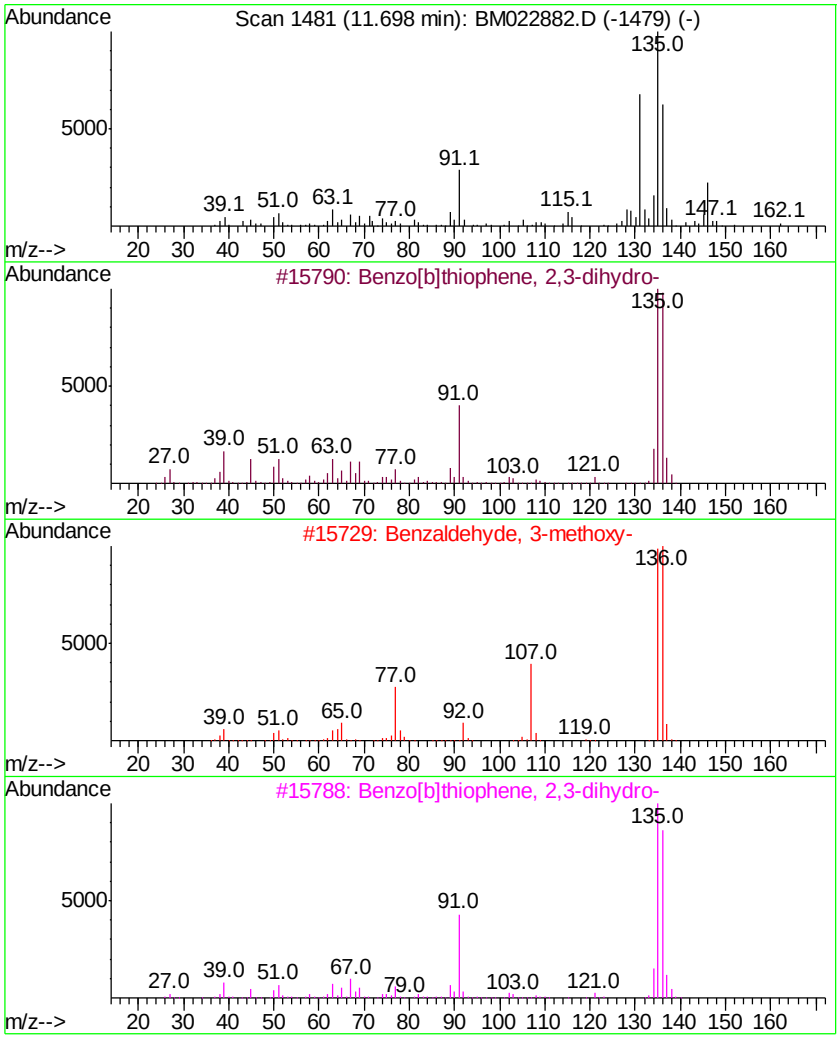
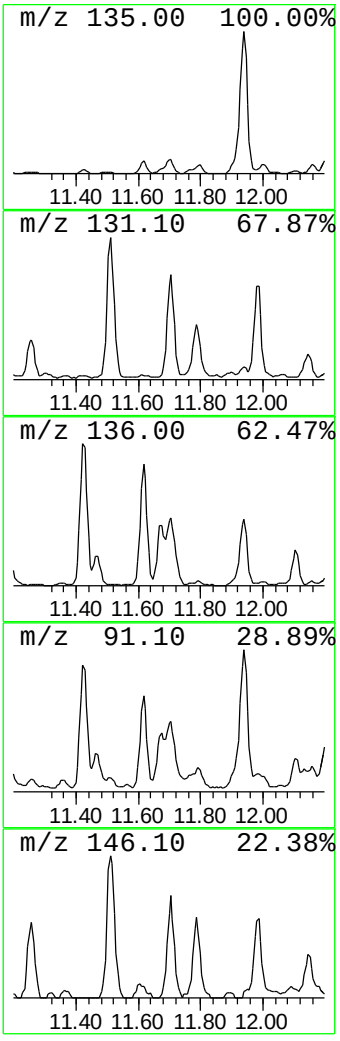
Peak Number 31 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	4.18 ng/ul	619935	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	60
2	Benzaldehyde, 3-methoxy-	136	C8H8O2	000591-31-1	55
3	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	53
4	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	49
5	Pyrazine, 3-ethyl-2,5-dimethyl-	136	C8H12N2	013360-65-1	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022882.D
Acq On : 02 Oct 2019 08:35
Operator : JU
Sample : K4932-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM6

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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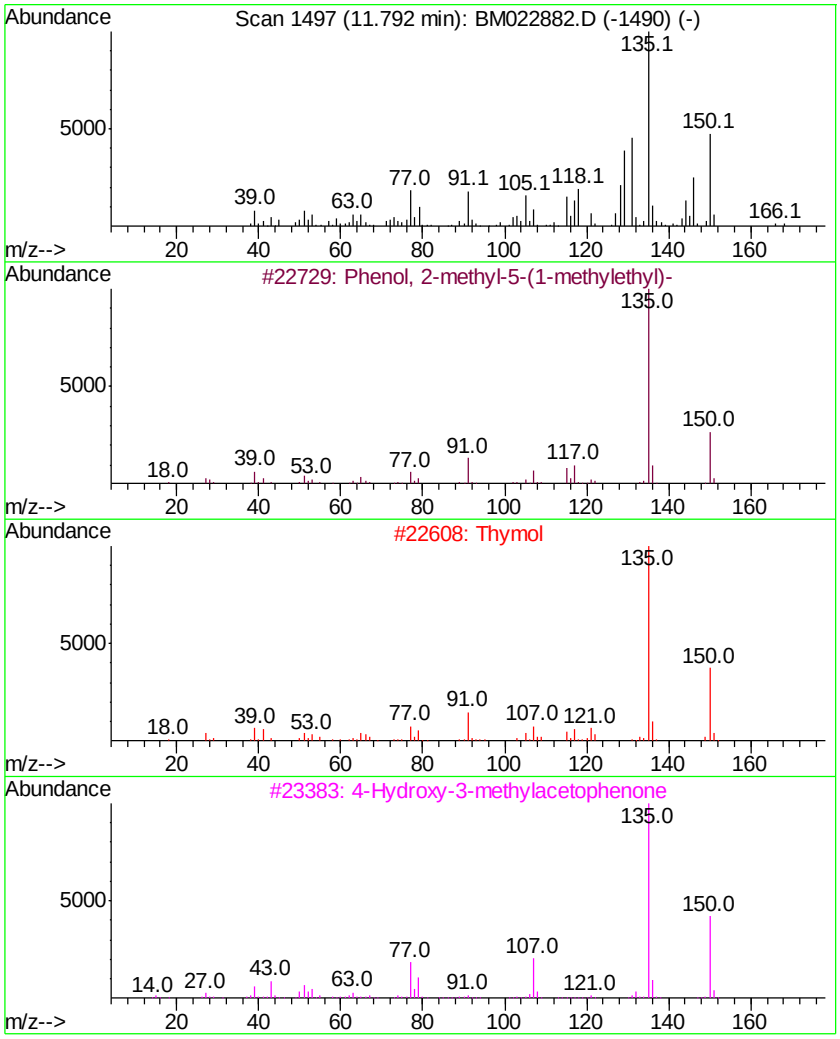
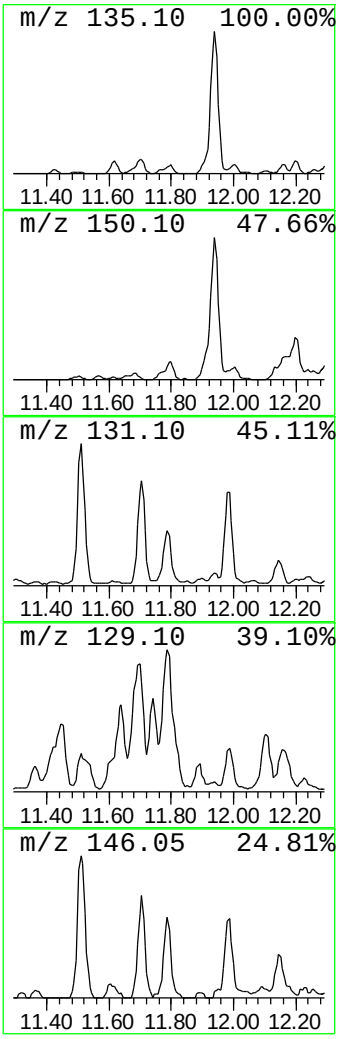
Peak Number 32 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.46 ng/ul	512554	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	46
2	Thymol	150	C10H14O	000089-83-8	46
3	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	46
4	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	46
5	Thymol	150	C10H14O	000089-83-8	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022882.D
Acq On : 02 Oct 2019 08:35
Operator : JU
Sample : K4932-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM6

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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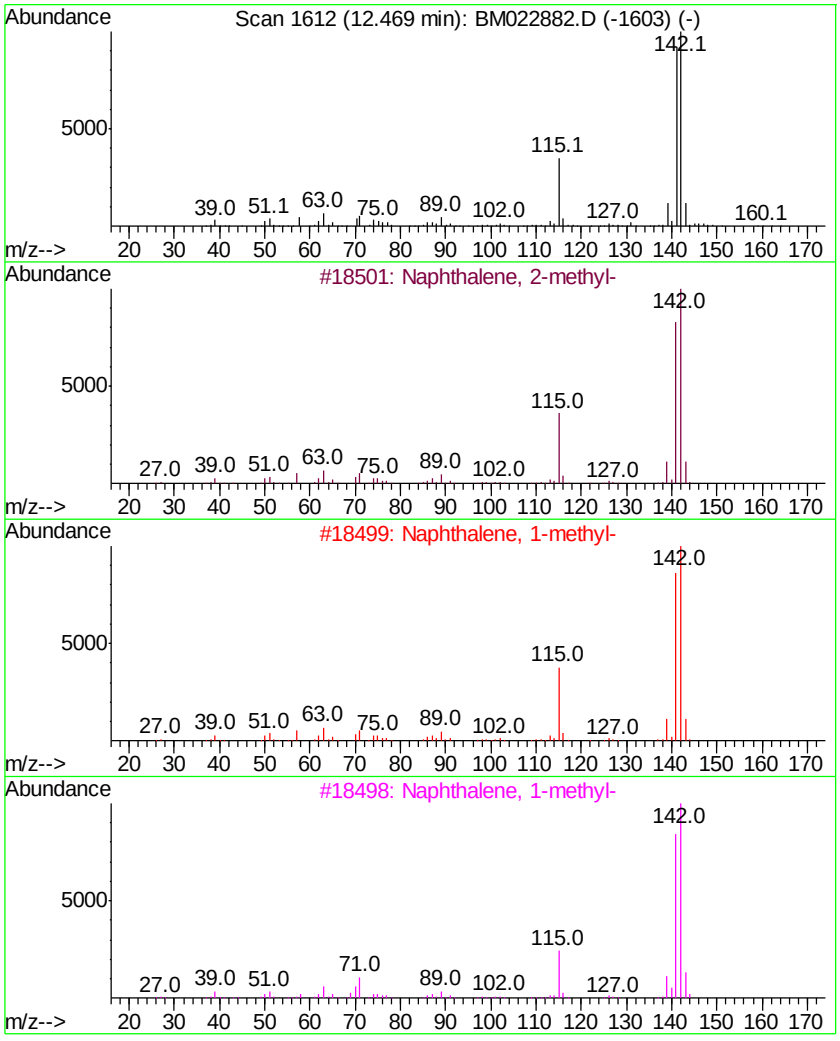
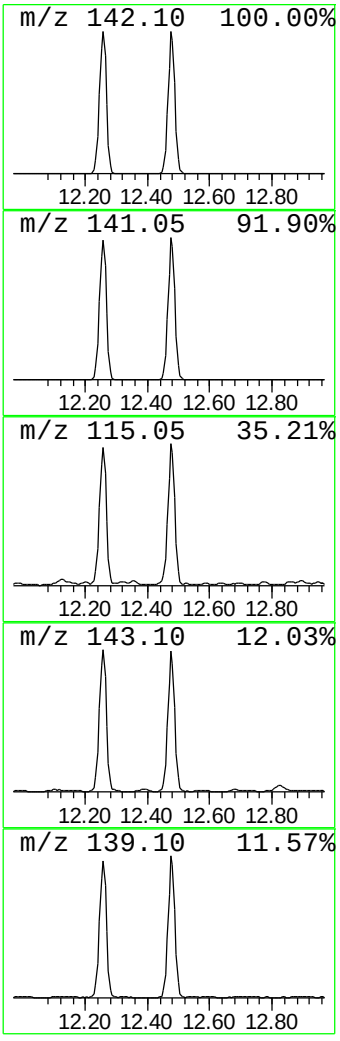
Peak Number 52 Naphthalene, 1-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	28.82 ng/ul	4274950	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022882.D
Acq On : 02 Oct 2019 08:35
Operator : JU
Sample : K4932-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM6

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanoic acid, 1...	3.73	3.6	ng/ul	349536	1	7.80	1937650	20.0
Toluene	4.00	21.5	ng/ul	2085630	1	7.80	1937650	20.0
Propanoic acid, p...	4.45	11.2	ng/ul	1084240	1	7.80	1937650	20.0
Butanoic acid, 1-...	4.90	12.1	ng/ul	1168210	1	7.80	1937650	20.0
Ethylbenzene	5.32	4.9	ng/ul	477010	1	7.80	1937650	20.0
p-Xylene	5.45	29.7	ng/ul	2873540	1	7.80	1937650	20.0
o-Xylene	5.82	19.6	ng/ul	1902060	1	7.80	1937650	20.0
Benzene, propyl-	6.79	4.3	ng/ul	418957	1	7.80	1937650	20.0
Benzene, 1-ethyl-...	6.90	8.8	ng/ul	856291	1	7.80	1937650	20.0
Benzene, 1-ethyl-...	7.20	5.8	ng/ul	566387	1	7.80	1937650	20.0
Benzene, 1,2,3-tr...	7.46	20.2	ng/ul	1961220	1	7.80	1937650	20.0
Benzene, 1,2,4-tr...	7.92	12.6	ng/ul	1223670	1	7.80	1937650	20.0
Indane	8.17	14.5	ng/ul	1402460	1	7.80	1937650	20.0
Indene	8.34	4.3	ng/ul	415643	1	7.80	1937650	20.0
Benzene, 4-ethyl-...	8.45	4.5	ng/ul	435514	1	7.80	1937650	20.0
Phenol, 2,6-dimet...	9.22	13.5	ng/ul	2008310	2	10.59	2966430	20.0
Benzene, 1,2,4,5-...	9.49	3.5	ng/ul	518942	2	10.59	2966430	20.0
Phenol, 2-ethyl-	9.56	4.1	ng/ul	606509	2	10.59	2966430	20.0
Benzene, 2-etheny...	10.00	12.0	ng/ul	1781370	2	10.59	2966430	20.0
Phenol, 3,5-dimet...	10.07	21.6	ng/ul	3202860	2	10.59	2966430	20.0
Phenol, 2-(1-meth...	10.52	8.3	ng/ul	1239170	2	10.59	2966430	20.0
Phenol, 2-propyl-	10.86	3.4	ng/ul	498759	2	10.59	2966430	20.0
Phenol, 3-ethyl-5...	10.96	4.8	ng/ul	707278	2	10.59	2966430	20.0
Benzene, 1-ethyl-...	11.13	9.7	ng/ul	1438600	2	10.59	2966430	20.0
Phenol, 2-(ethylt...	11.26	2.2	ng/ul	320673	2	10.59	2966430	20.0
Phenol, 2,4,5-tri...	11.62	6.4	ng/ul	950714	2	10.59	2966430	20.0
Phenol, 2,3,5-tri...	11.67	2.9	ng/ul	428228	2	10.59	2966430	20.0
Benzo[b]thiophene...	11.70	4.2	ng/ul	619935	2	10.59	2966430	20.0
unknown-01	11.79	3.5	ng/ul	512554	2	10.59	2966430	20.0
Naphthalene, 1-me...	12.47	28.8	ng/ul	4274950	2	10.59	2966430	20.0