LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022863.D
Acq On : 01 Oct 2019 20:28
Operator : JU
Sample : K4983-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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	70	rVB	1745899	2185943	24.52%	1.271%
2	4.010	166	174	189	rVB	2630430	3862101	43.31%	2.246%
3	4.275	213	219	226	rBV	336190	463551	5.20%	0.270%
4	4.451	244	249	256	rBV	481494	650996	7.30%	0.379%
5	4.904	318	326	336	rVV	487206	689564	7.73%	0.401%
6	5.328	391	398	405	rVB	1717461	2519064	28.25%	1.465%
7	5.457	414	420	430	rVB	4731929	8916702	100.00%	5.184%
8	5.828	476	483	496	rVB	3407380	5196845	58.28%	3.022%
9	6.792	640	647	653	rBV2	431247	776927	8.71%	0.452%
10	6.898	659	665	670	rBV	1445635	2079230	23.32%	1.209%
11	6.963	670	676	683	rVV3	902575	1668488	18.71%	0.970%
12	7.034	683	688	695	rVB	863422	1284009	14.40%	0.747%
13	7.134	699	705	711	rBV	656978	1057475	11.86%	0.615%
14	7.198	711	716	722	rVV	764277	1169356	13.11%	0.680%
15	7.340	733	740	750	rVV	796409	1309683	14.69%	0.761%
16	7.457	752	760	768	rVB	3484921	5370139	60.23%	3.122%
17	7.804	811	819	824	rBV	909933	1536170	17.23%	0.893%
18	7.875	827	831	834	rVV	276139	481632	5.40%	0.280%
19	7.922	834	839	856	rVB	1402712	2462100	27.61%	1.432%
20	8.175	874	882	888	rVV2	954133	2474808	27.75%	1.439%
21	8.239	888	893	899	rVB2	699308	1103497	12.38%	0.642%
22	8.351	907	912	917	rVB2	271003	477070	5.35%	0.277%
23	8.445	921	928	933	rBV2	534773	978676	10.98%	0.569%
24	8.510	933	939	944	rVB	663000	1082098	12.14%	0.629%
25	8.575	944	950	953	rBV	230296	383808	4.30%	0.223%
26	8.610	953	956	965	rVB3	153825	309202	3.47%	0.180%
27	8.698	965	971	977	rBV3	129142	358744	4.02%	0.209%
28	8.757	977	981	986	rVB	249727	379253	4.25%	0.221%
29	8.810	986	990	994	rBV	237521	347829	3.90%	0.202%
30	8.910	1000	1007	1011	rBV	531645	939197	10.53%	0.546%
31	8.957	1011	1015	1019	rVV	609925	895773	10.05%	0.521%
32	9.045	1025	1030	1037	rVB2	666397	1120813	12.57%	0.652%
33	9.222	1054	1060	1072	rVV2	901093	1647228	18.47%	0.958%
34	9.433	1090	1096	1101	rVV	371563	591003	6.63%	0.344%

LSC Area Percent Report

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Operator : JU
Sample : K4983-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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	9.492	1101	1106	1113	rVV	484791	861040	9.66%	0.501%
36	9.569	1113	1119	1125	rVB	668950	1047390	11.75%	0.609%
37	9.681	1130	1138	1144	rBV	664853	1201106	13.47%	0.698%
38	9.781	1144	1155	1158	rVV	4862921	8823997	98.96%	5.131%
39	9.810	1158	1160	1164	rVV	2716425	3433641	38.51%	1.996%
40	9.851	1164	1167	1171	rVV2	403152	629029	7.05%	0.366%
41	10.028	1184	1197	1201	rVV4	1339274	4361541	48.91%	2.536%
42	10.081	1201	1206	1214	rVV	3599502	6059095	67.95%	3.523%
43	10.233	1223	1232	1239	rVB2	2334451	4977107	55.82%	2.894%
44	10.469	1266	1272	1277	rVV	1700433	2886081	32.37%	1.678%
45	10.516	1277	1280	1285	rVV2	285623	434291	4.87%	0.253%
46	10.598	1285	1294	1298	rVV	1172605	2353258	26.39%	1.368%
47	10.645	1298	1302	1310	rVB	3350357	5630030	63.14%	3.273%
48	10.739	1310	1318	1328	rBV3	632091	1677953	18.82%	0.976%
49	10.869	1334	1340	1347	rVB	249284	419721	4.71%	0.244%
50	10.957	1348	1355	1361	rBV2	695563	1355824	15.21%	0.788%
51	11.045	1361	1370	1374	rBV	219600	403375	4.52%	0.235%
52	11.133	1379	1385	1390	rBV	748233	1201309	13.47%	0.698%
53	11.210	1394	1398	1403	rVV	427962	663920	7.45%	0.386%
54	11.345	1414	1421	1426	rVV2	277954	602137	6.75%	0.350%
55	11.422	1429	1434	1439	rVV	1194791	2122077	23.80%	1.234%
56	11.516	1446	1450	1456	rVB2	222263	398668	4.47%	0.232%
57	11.616	1457	1467	1472	rBV	622988	1284413	14.40%	0.747%
58	11.675	1472	1477	1480	rVV	565432	981385	11.01%	0.571%
59	11.710	1480	1483	1492	rVB4	415447	746590	8.37%	0.434%
60	11.939	1512	1522	1527	rBV	993536	1812821	20.33%	1.054%
61	12.110	1546	1551	1555	rBV2	126653	249668	2.80%	0.145%
62	12.257	1570	1576	1581	rBV	1508417	2342673	26.27%	1.362%
63	12.474	1605	1613	1619	rBV	933743	1590095	17.83%	0.925%
64	12.639	1636	1641	1647	rBV4	191569	360275	4.04%	0.209%
65	12.939	1688	1692	1698	rVB5	116734	249580	2.80%	0.145%
66	13.198	1730	1736	1739	rBV	183657	294506	3.30%	0.171%
67	13.280	1745	1750	1758	rVB2	388476	731418	8.20%	0.425%
68	13.457	1775	1780	1784	rBV3	140686	343082	3.85%	0.199%
69	13.610	1801	1806	1813	rVV4	128796	409545	4.59%	0.238%
70	13.763	1827	1832	1836	rBV2	211747	385863	4.33%	0.224%
71	13.851	1842	1847	1851	rVB	1586874	2236694	25.08%	1.300%

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Operator : JU
Sample : K4983-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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	13.892	1851	1854	1858	rBV	297074	373909	4.19%	0.217%
73	13.992	1865	1871	1875	rBV3	188062	419974	4.71%	0.244%
74	14.133	1889	1895	1904	rVB	2087526	3267200	36.64%	1.900%
75	14.439	1939	1947	1956	rBV	1642178	2632582	29.52%	1.531%
76	14.627	1974	1979	1986	rVV5	298150	546373	6.13%	0.318%
77	14.710	1989	1993	1999	rVB3	393667	622125	6.98%	0.362%
78	14.957	2031	2035	2041	rBV2	251839	358972	4.03%	0.209%
79	15.233	2075	2082	2090	rVV5	141376	353183	3.96%	0.205%
80	15.327	2090	2098	2103	rVB2	243741	507877	5.70%	0.295%
81	15.433	2110	2116	2121	rBV	2349660	3405980	38.20%	1.980%
82	15.545	2129	2135	2140	rBV	767114	1079360	12.10%	0.628%
83	15.686	2154	2159	2166	rVB5	185512	427734	4.80%	0.249%
84	15.757	2167	2171	2175	rBV	178385	279487	3.13%	0.163%
85	15.951	2198	2204	2209	rVB2	170306	362074	4.06%	0.211%
86	16.015	2210	2215	2220	rVB	177669	253775	2.85%	0.148%
87	16.110	2227	2231	2235	rVB	204771	270563	3.03%	0.157%
88	16.162	2236	2240	2252	rVB4	168633	439535	4.93%	0.256%
89	16.839	2350	2355	2364	rVB	695948	898160	10.07%	0.522%
90	17.180	2407	2413	2417	rBV2	1586858	2272218	25.48%	1.321%
91	17.274	2424	2429	2436	rVV	2352603	3351969	37.59%	1.949%
92	18.080	2562	2566	2580	rVB	1093160	1474308	16.53%	0.857%
93	18.351	2605	2612	2619	rBV	6030613	8482966	95.14%	4.932%
94	19.356	2779	2783	2790	rBV	684991	970194	10.88%	0.564%
95	19.568	2813	2819	2823	rBV	2671936	3787359	42.47%	2.202%
96	19.615	2823	2827	2834	rVB	3209219	4142590	46.46%	2.409%
97	21.074	3072	3075	3079	rVB	621279	735648	8.25%	0.428%
98	21.356	3119	3123	3128	rBV	1801101	2131575	23.91%	1.239%
99	23.480	3478	3484	3490	rBV	1827032	3421945	38.38%	1.990%
100	23.627	3503	3509	3516	rVB	1237293	2391064	26.82%	1.390%

Sum of corrected areas: 171990871

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
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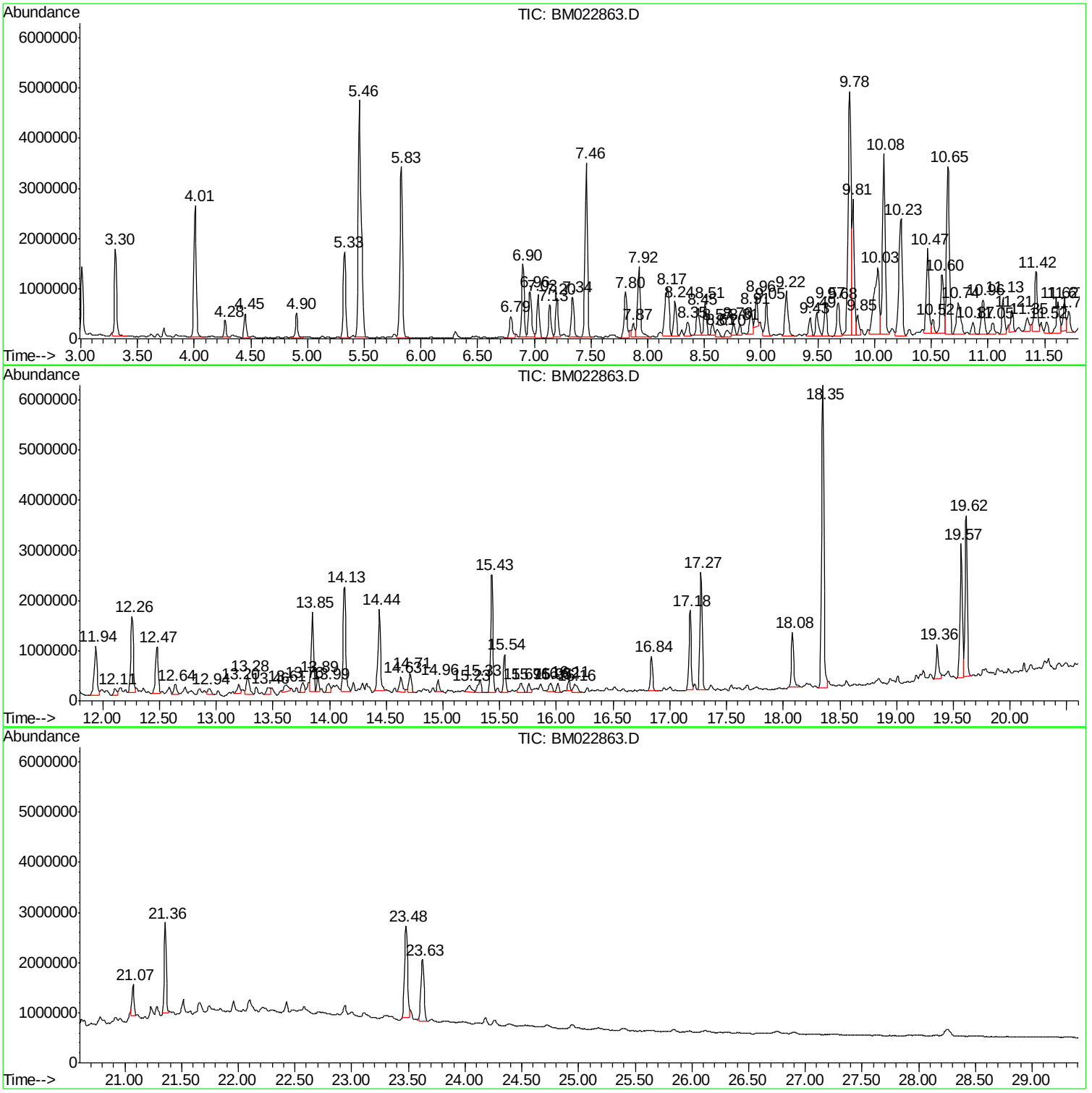
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFDM2

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

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



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Instrument : BNA_M
ClientSampleId : BFDM2

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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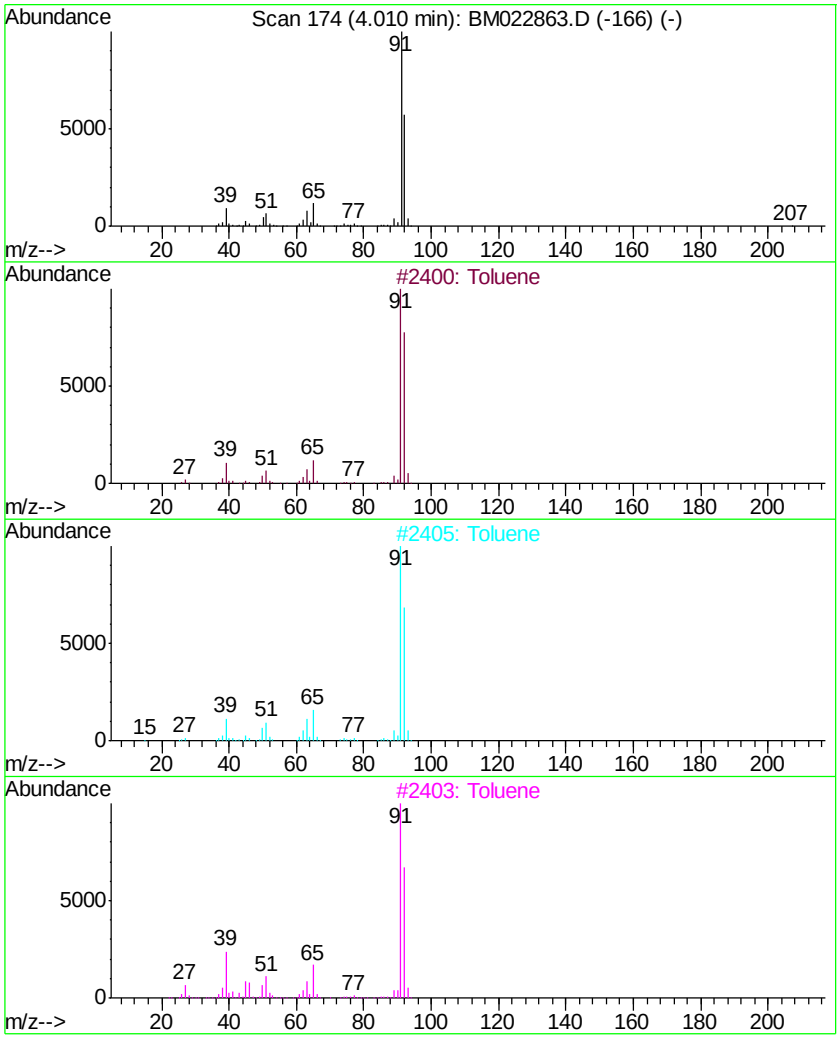
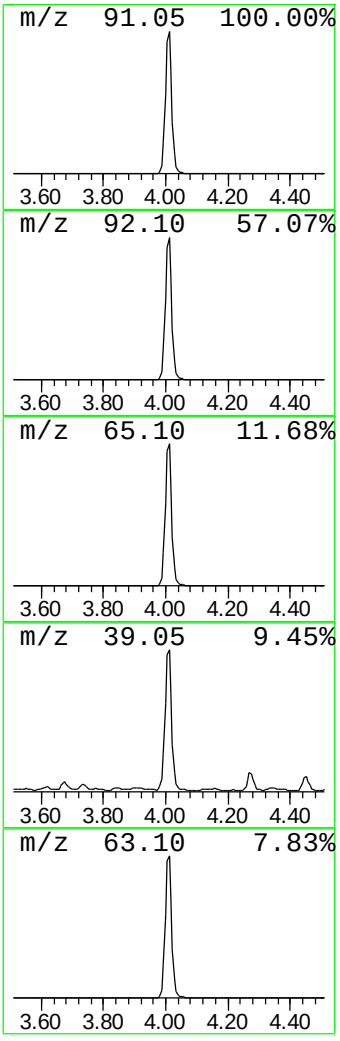
Peak Number 1 Toluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	50.28 ng/ul	3862100	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	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022863.D
Acq On : 01 Oct 2019 20:28
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Sample : K4983-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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

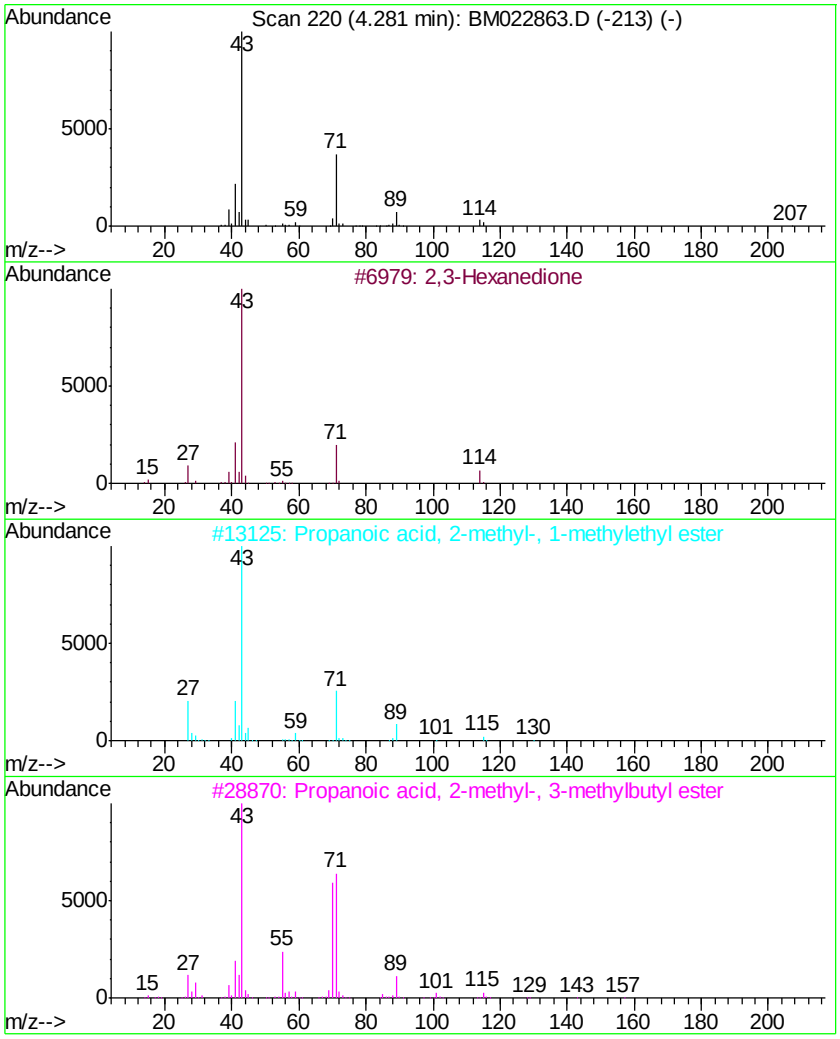
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

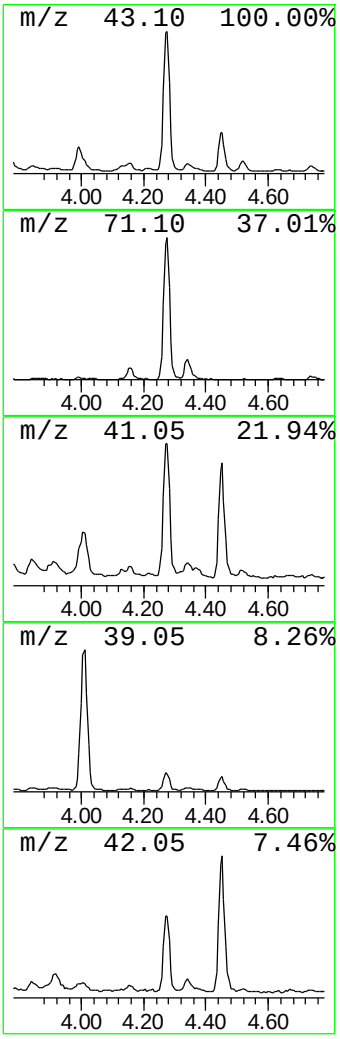
****

Peak Number 2 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	6.04 ng/ul	463551	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Hexanedione	114	C6H10O2	003848-24-6	47
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	45
3	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	40
4	Pyrrolidine	71	C4H9N	000123-75-1	38
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	38





Library Search Compound Report

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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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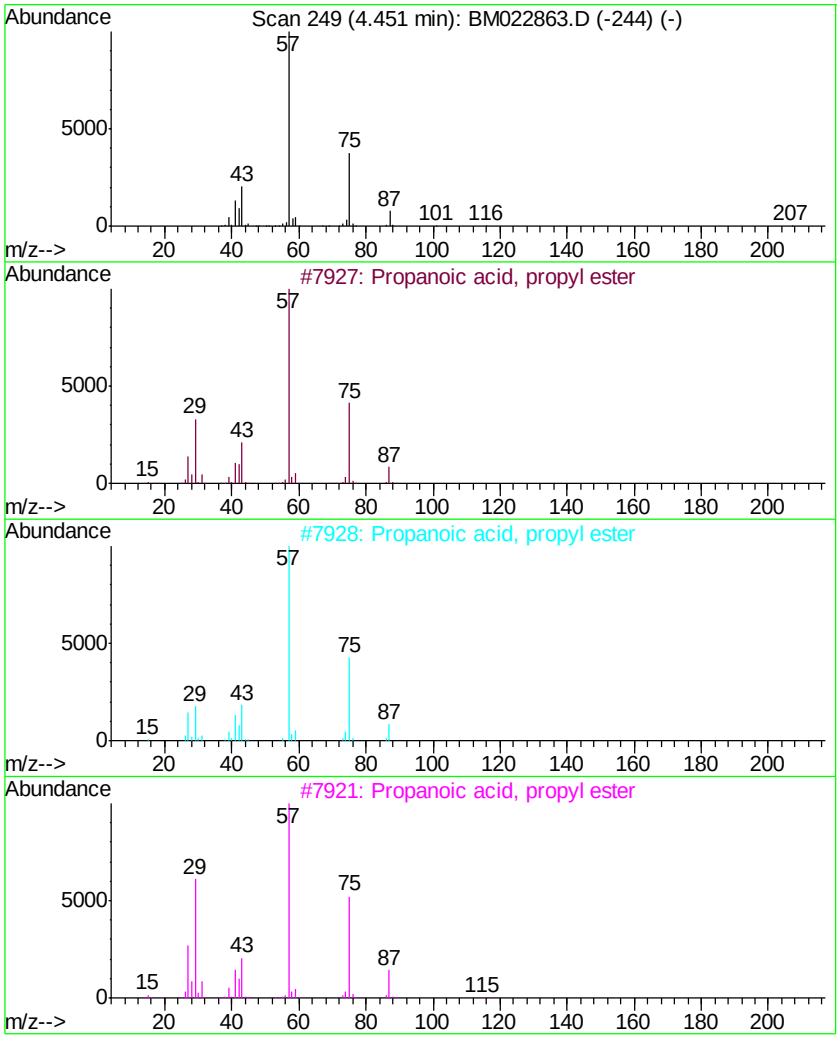
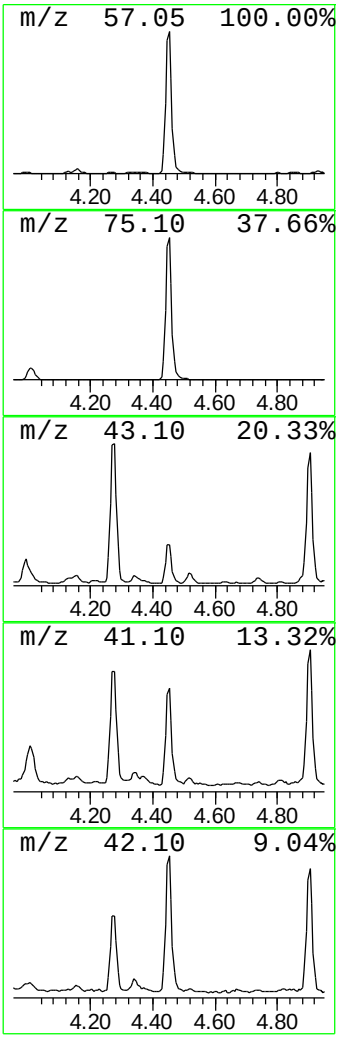
Peak Number 3 Propanoic acid, propyl ester Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	8.48 ng/ul	650996	1,4-Dichlorobenzene-d4	7.80

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





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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

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

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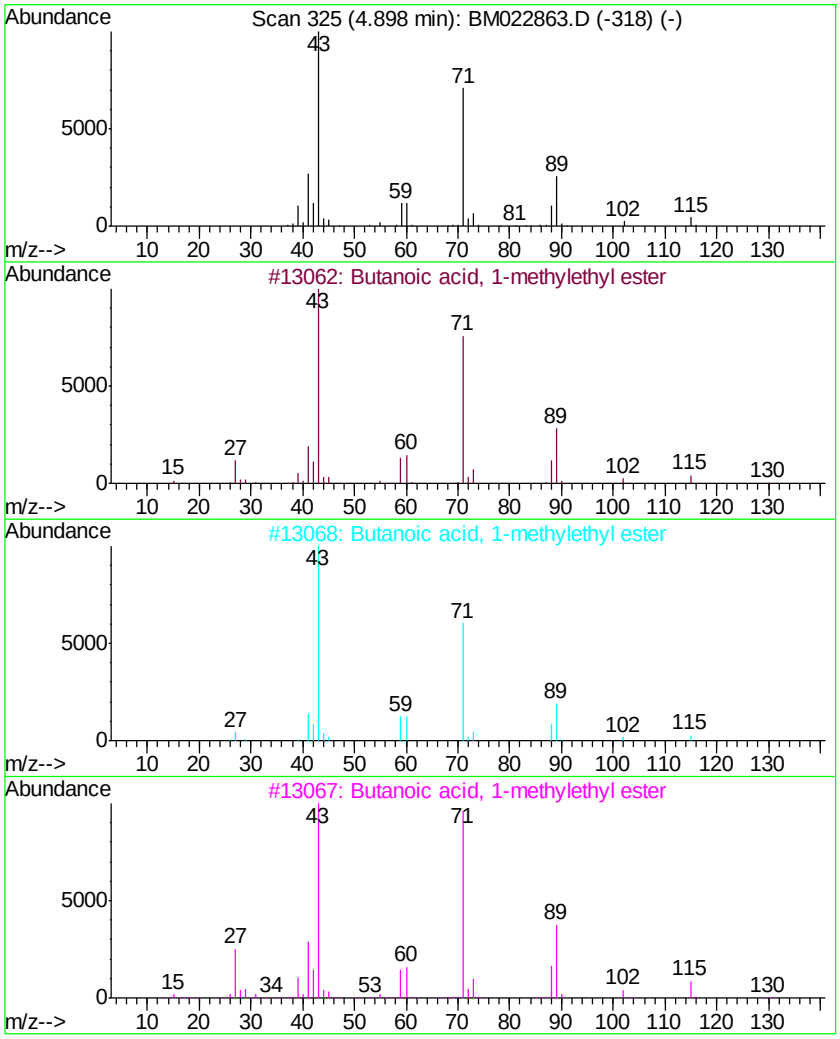
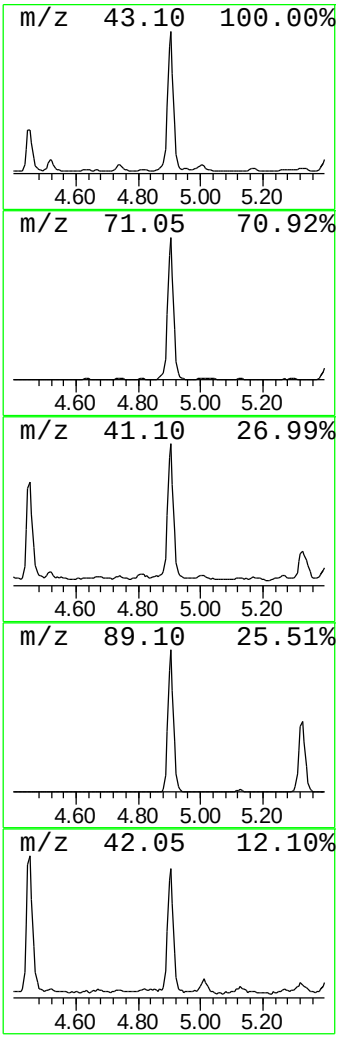
Peak Number 4 Butanoic acid, 1-methylethy... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	8.98 ng/ul	689564	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	86
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	64
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	45





Library Search Compound Report

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Operator : JU
Sample : K4983-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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

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

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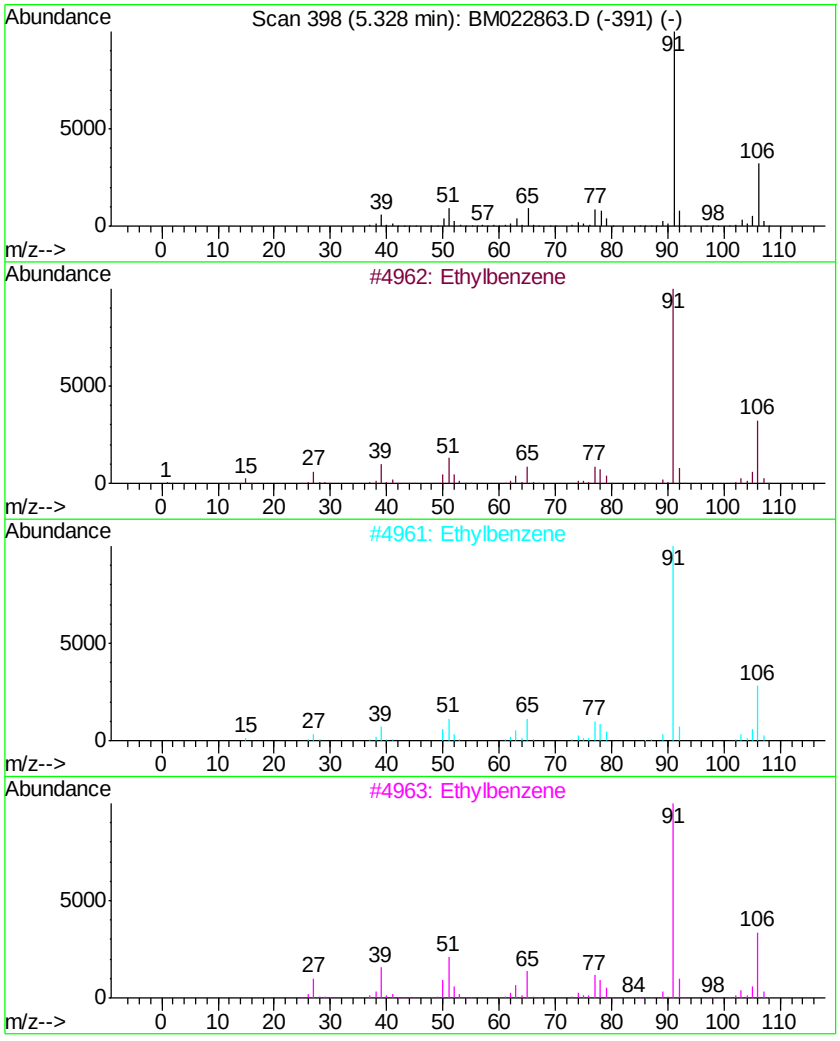
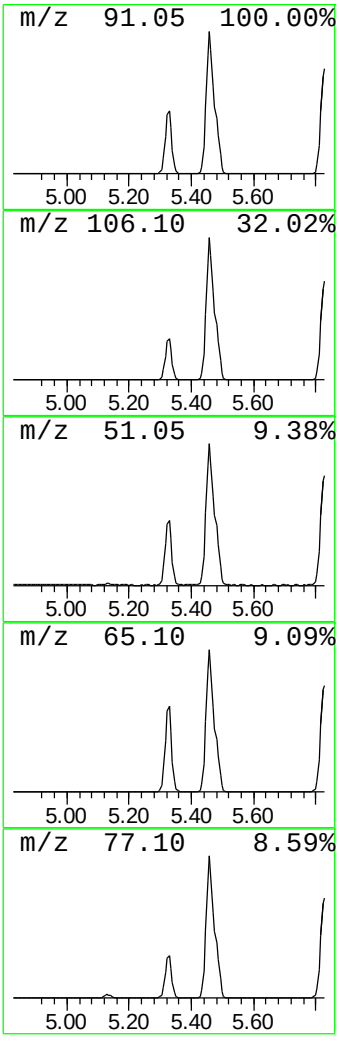
Peak Number 5 Ethylbenzene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	32.80 ng/ul	2519060	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	90
5	o-Xylene	106	C8H10	000095-47-6	68





Library Search Compound Report

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Data File : BM022863.D
Acq On : 01 Oct 2019 20:28
Operator : JU
Sample : K4983-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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

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

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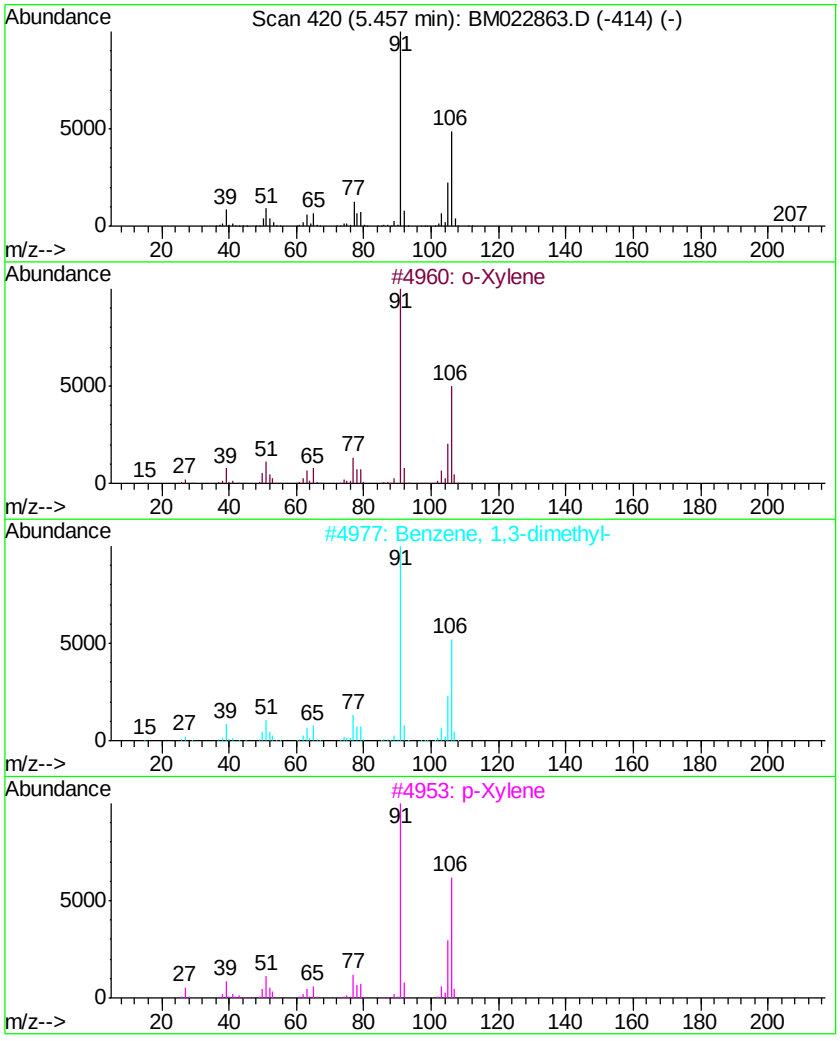
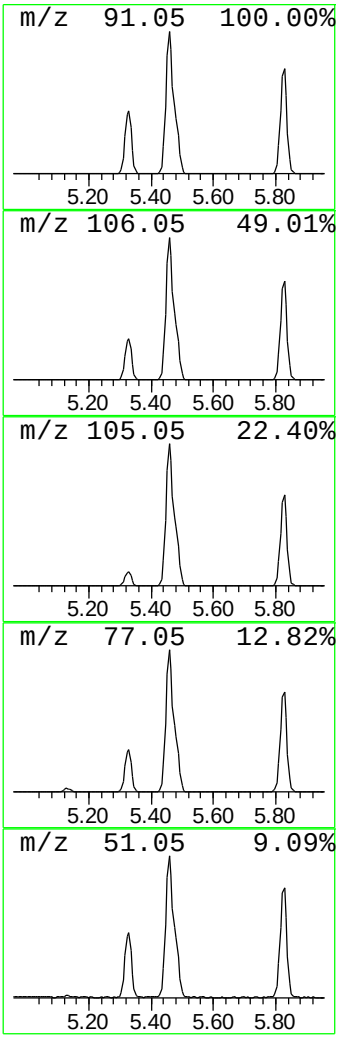
Peak Number 6 o-Xylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	116.09 ng/ul	8916700	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	97
5	p-Xylene	106	C8H10	000106-42-3	97





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Instrument : BNA_M
ClientSampleId : BFDM2

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Quant Title : SVOA CALIBRATION

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

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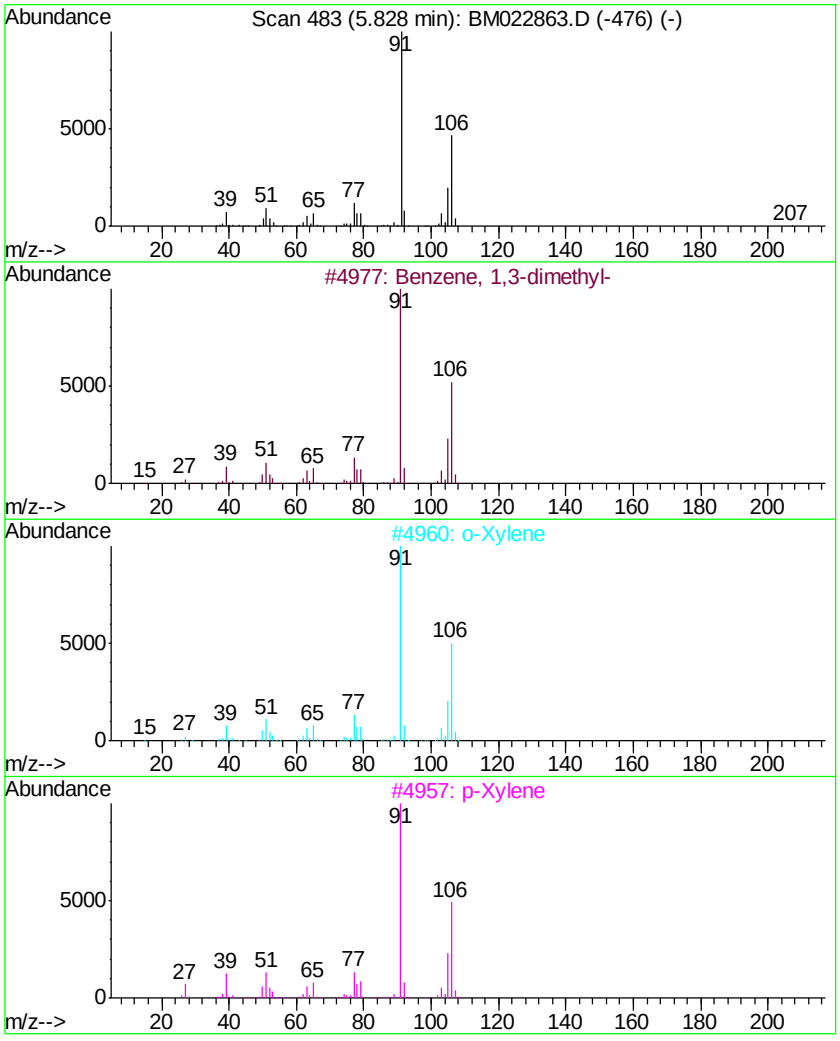
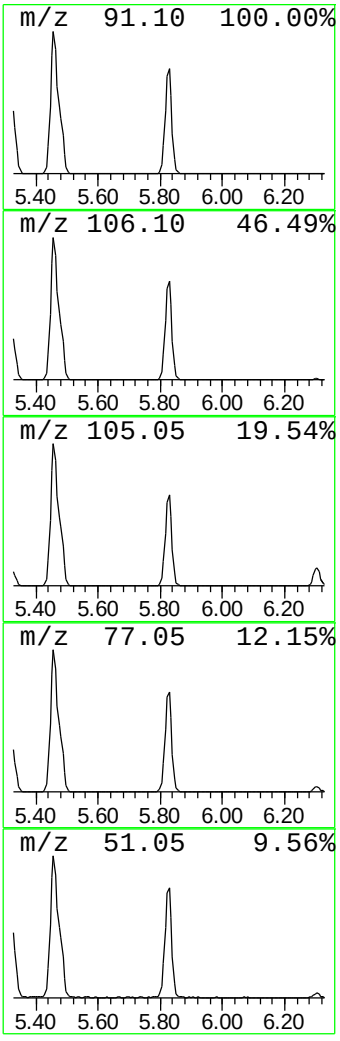
Peak Number 7 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	67.66 ng/ul	5196850	1,4-Dichlorobenzene-d4	7.80

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





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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Quant Title : SVOA CALIBRATION

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

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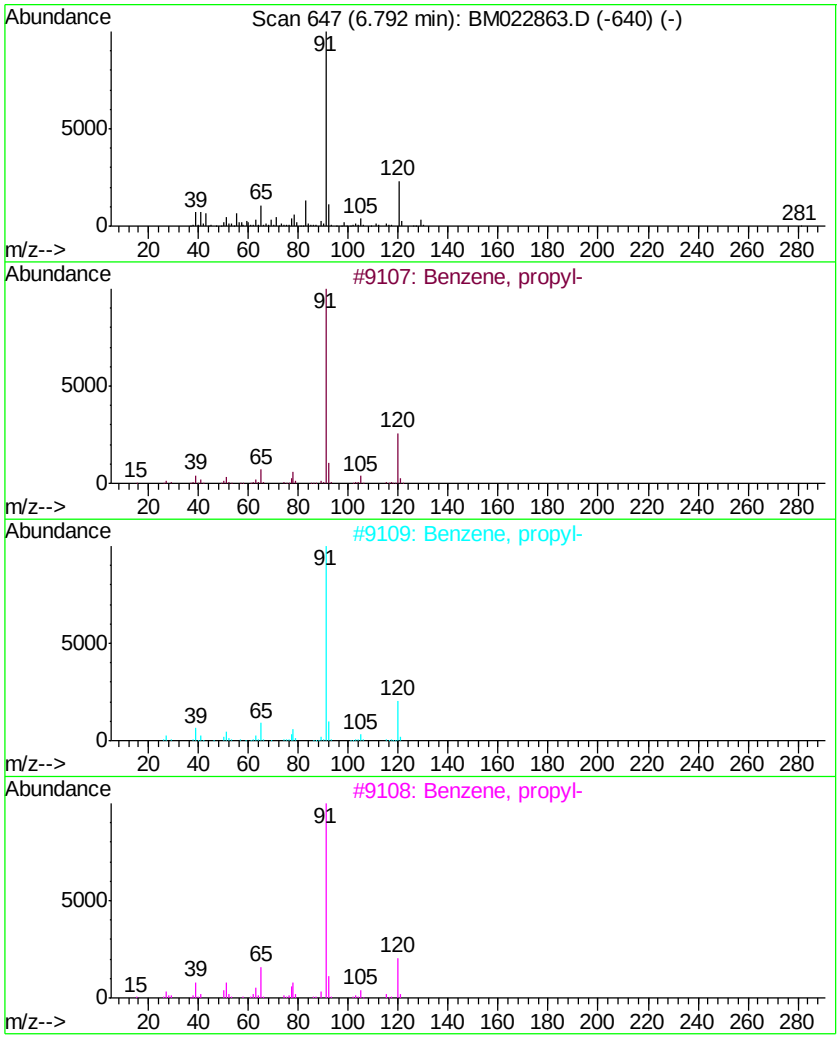
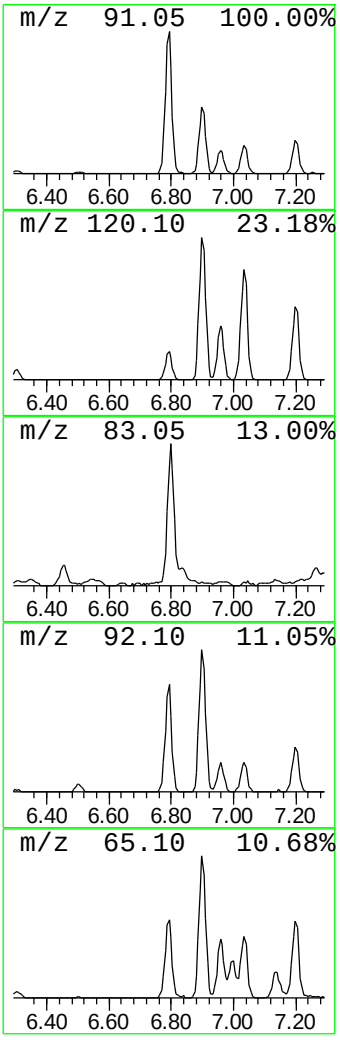
Peak Number 8 Benzene, propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	10.12 ng/ul	776927	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	81
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	59
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59





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Misc :
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Instrument : BNA_M
ClientSampleId : BFDM2

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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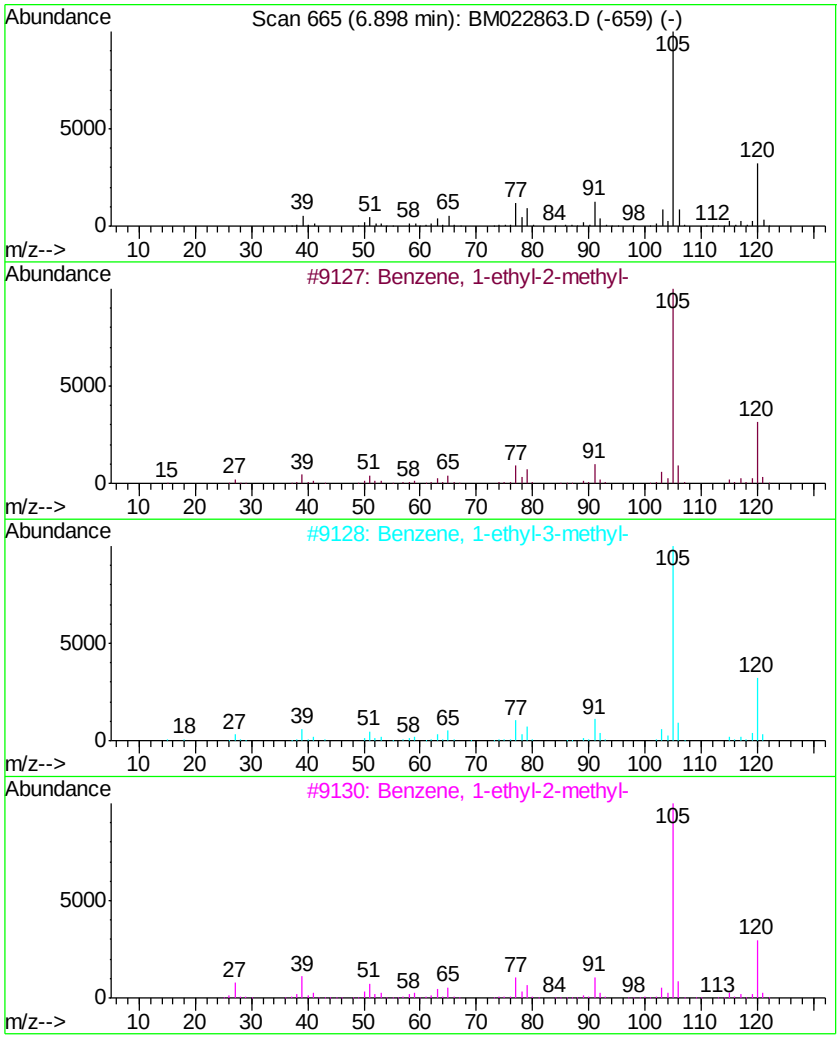
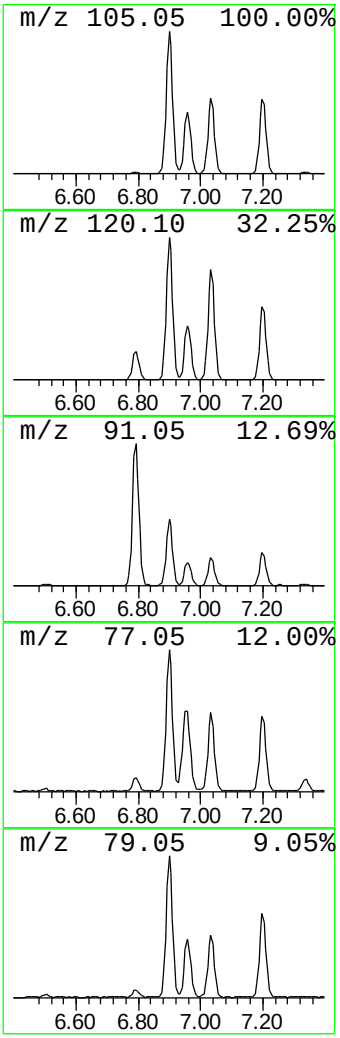
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	27.07 ng/ul	2079230	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-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Acq On : 01 Oct 2019 20:28
Operator : JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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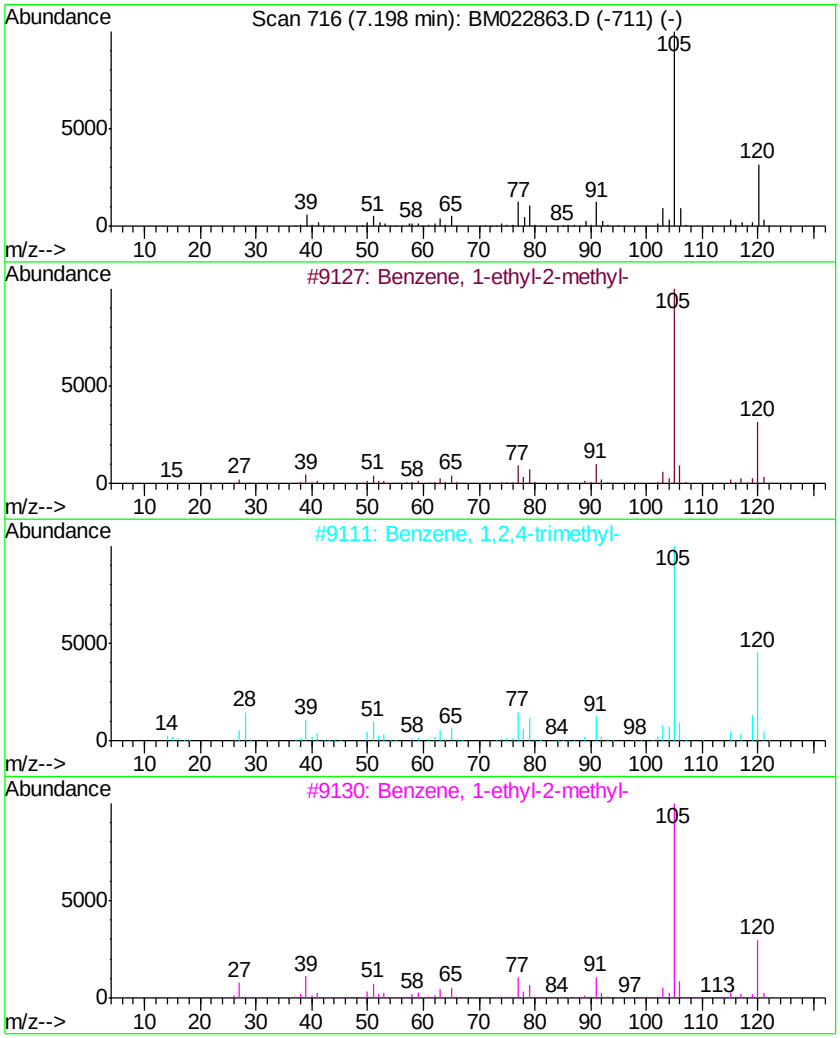
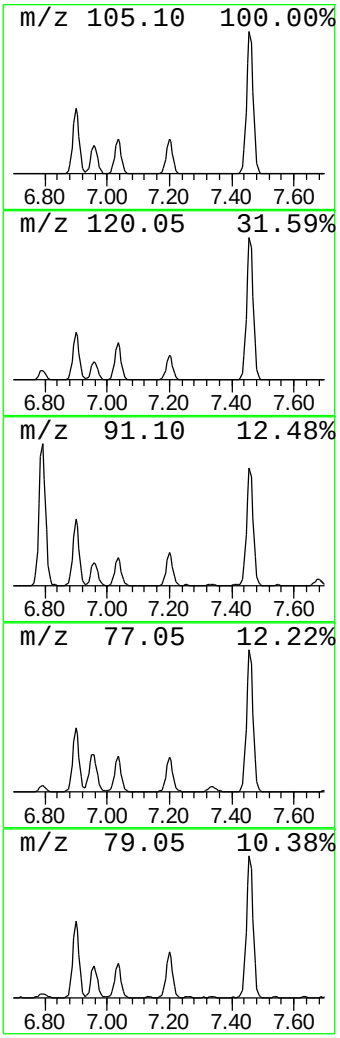
Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	15.22 ng/ul	1169360	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

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Acq On : 01 Oct 2019 20:28
Operator : JU
Sample : K4983-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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Quant Title : SVOA CALIBRATION

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

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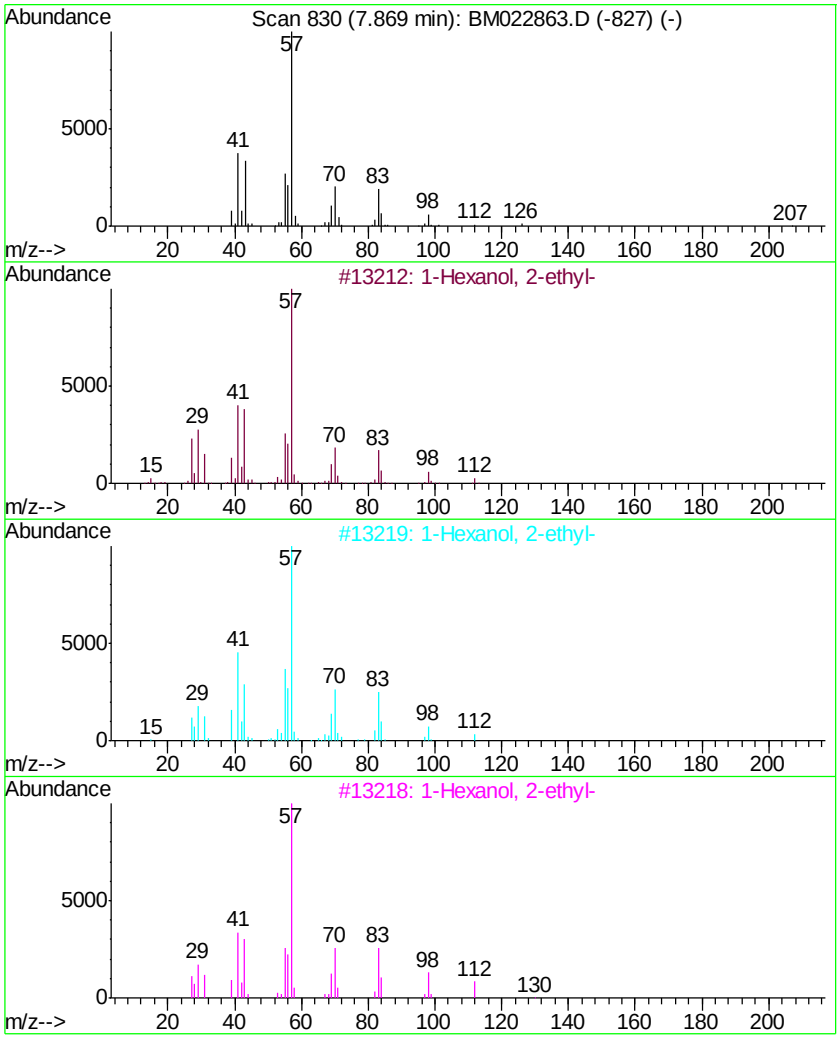
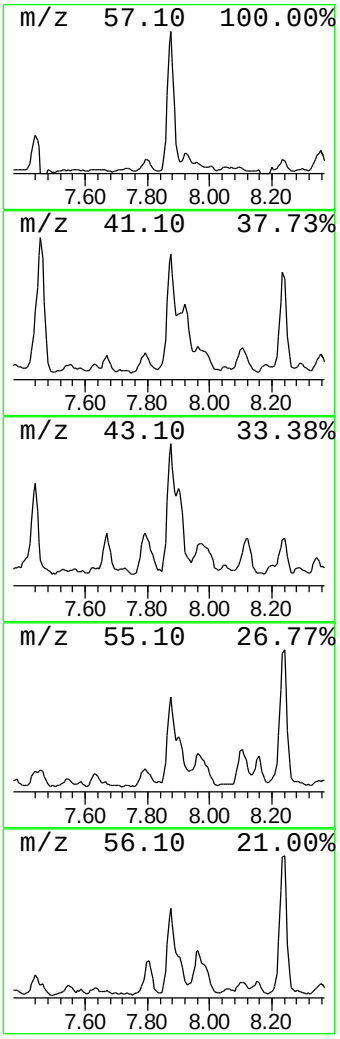
Peak Number 12 1-Hexanol, 2-ethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	6.27 ng/ul	481632	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53





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Misc :
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Instrument : BNA_M
ClientSampleId : BFDM2

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Quant Title : SVOA CALIBRATION

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

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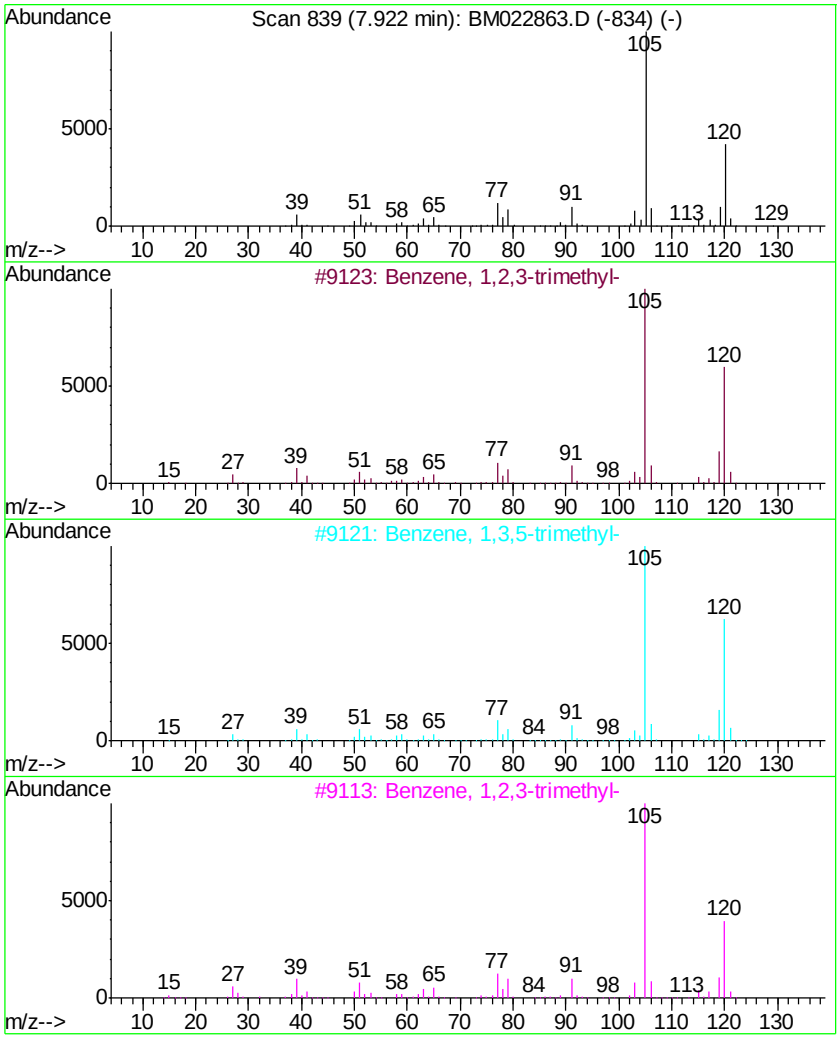
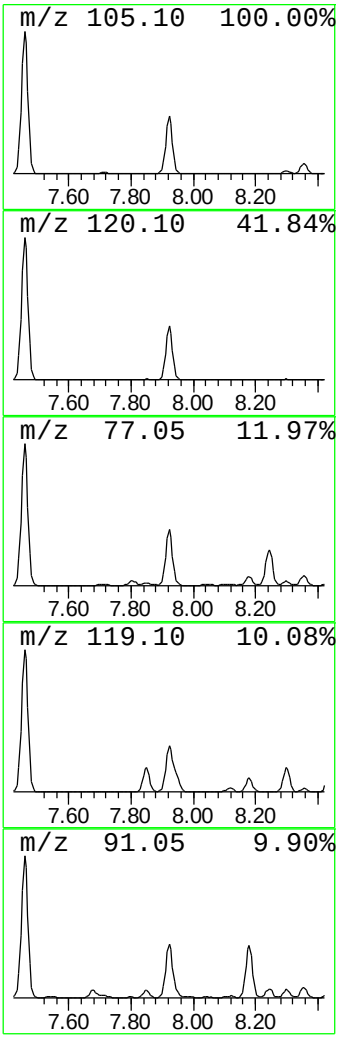
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	32.06 ng/ul	2462100	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, 1,3,5-trimethyl-	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	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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Quant Title : SVOA CALIBRATION

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

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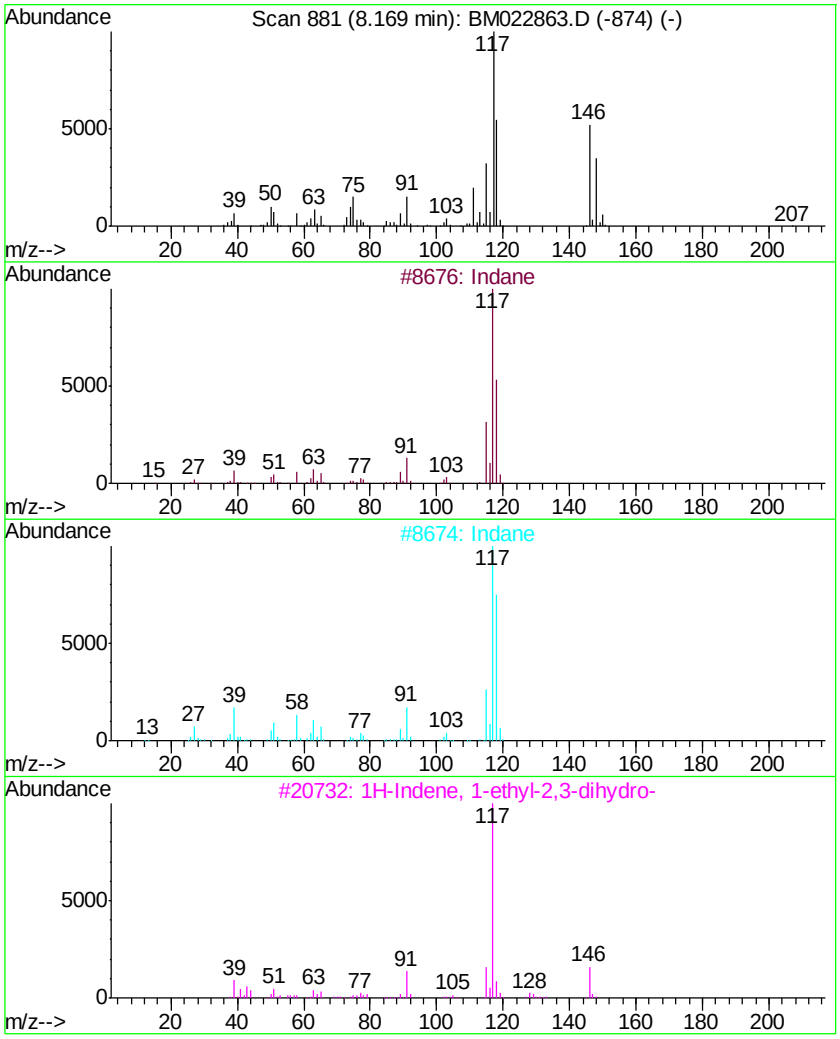
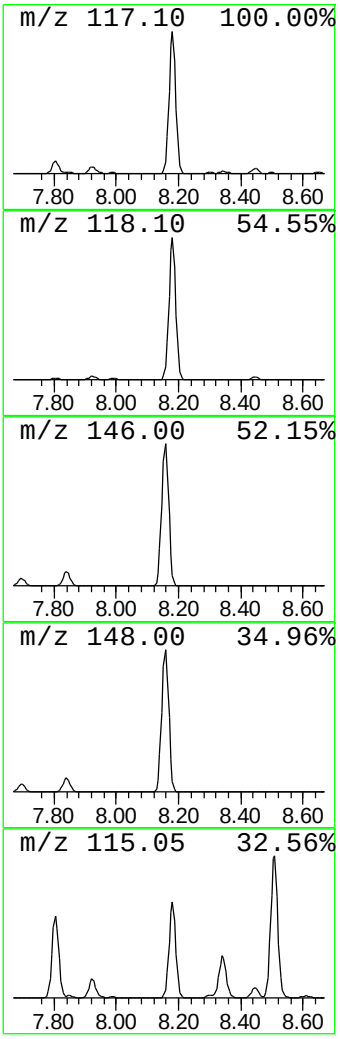
Peak Number 14 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	32.22 ng/ul	2474810	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	55
3	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	52
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	52
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	52





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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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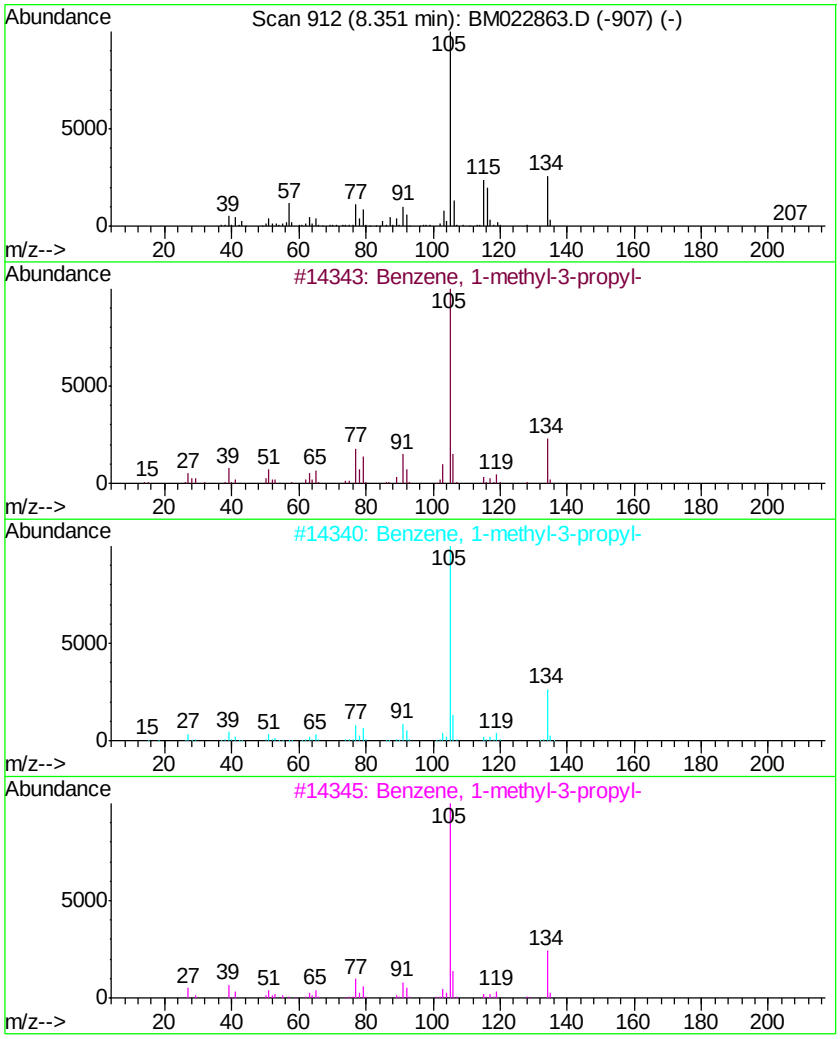
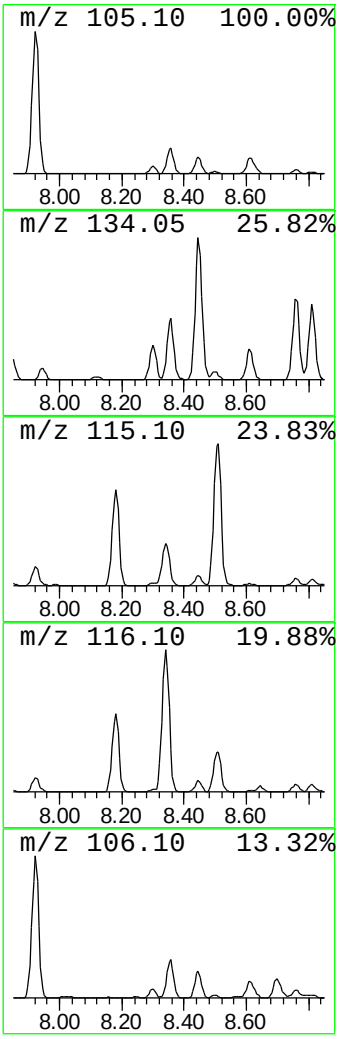
Peak Number 15 Benzene, 1-methyl-3-propyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	6.21 ng/ul	477070	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60





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Quant Title : SVOA CALIBRATION

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

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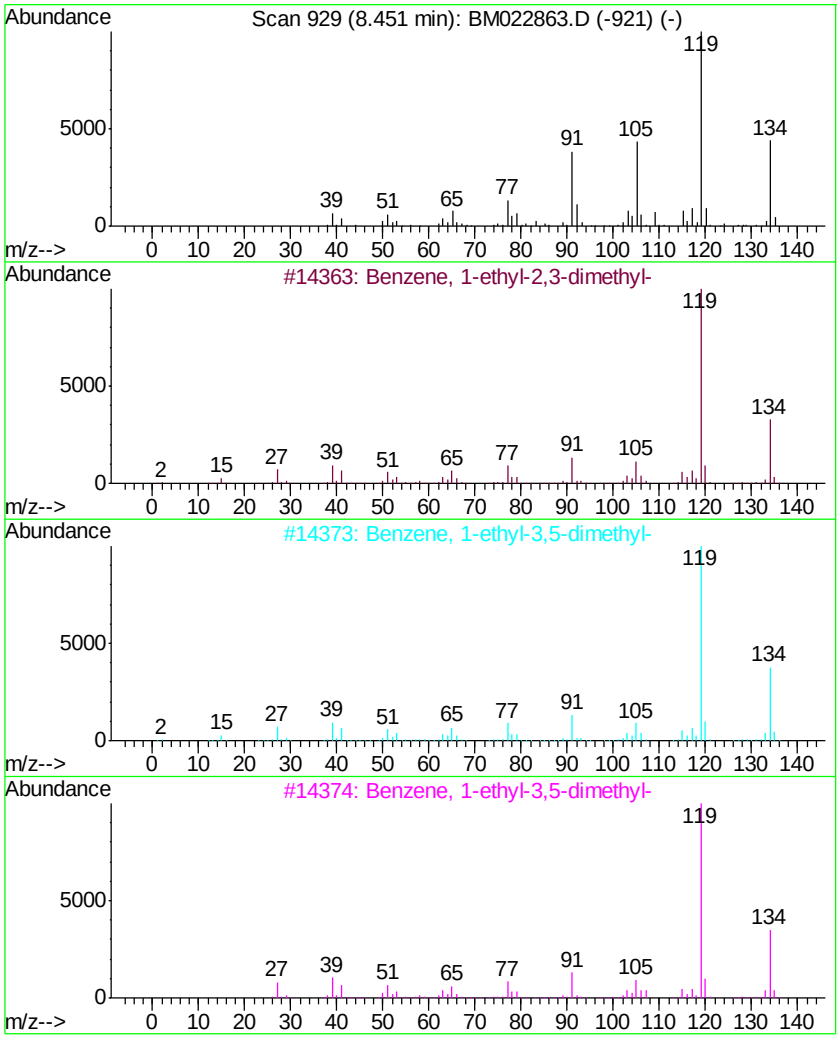
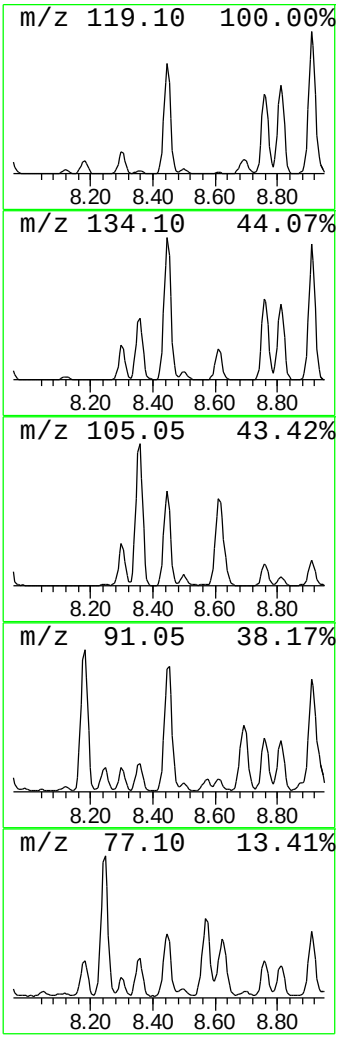
Peak Number 16 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	12.74 ng/ul	978676	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90





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ClientSampleId : BFDM2

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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 Benzaldehyde, 2-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	4.67 ng/ul	358744	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	95
2	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	95
3	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	95
4	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	95
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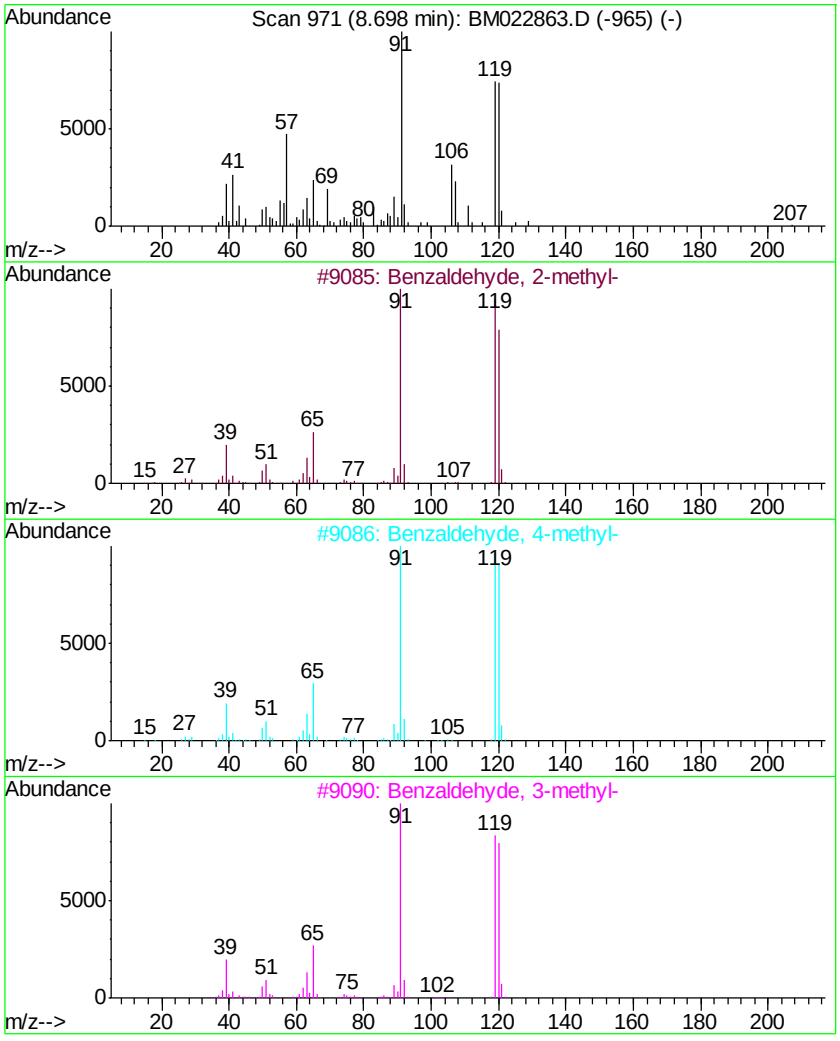

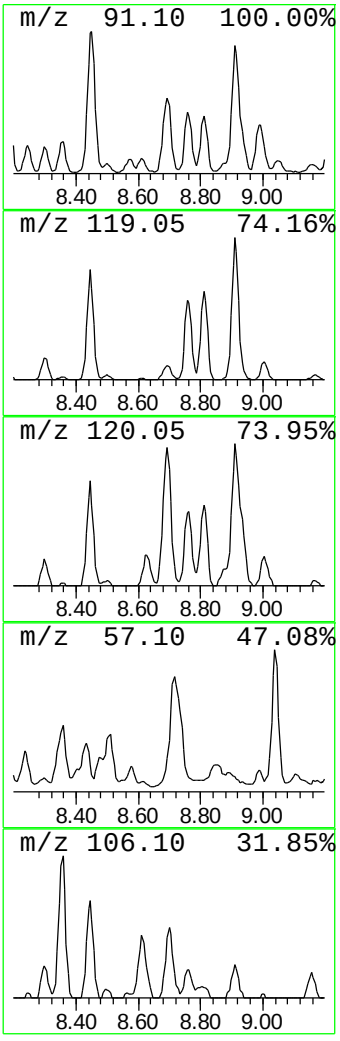

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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Quant Title : SVOA CALIBRATION

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

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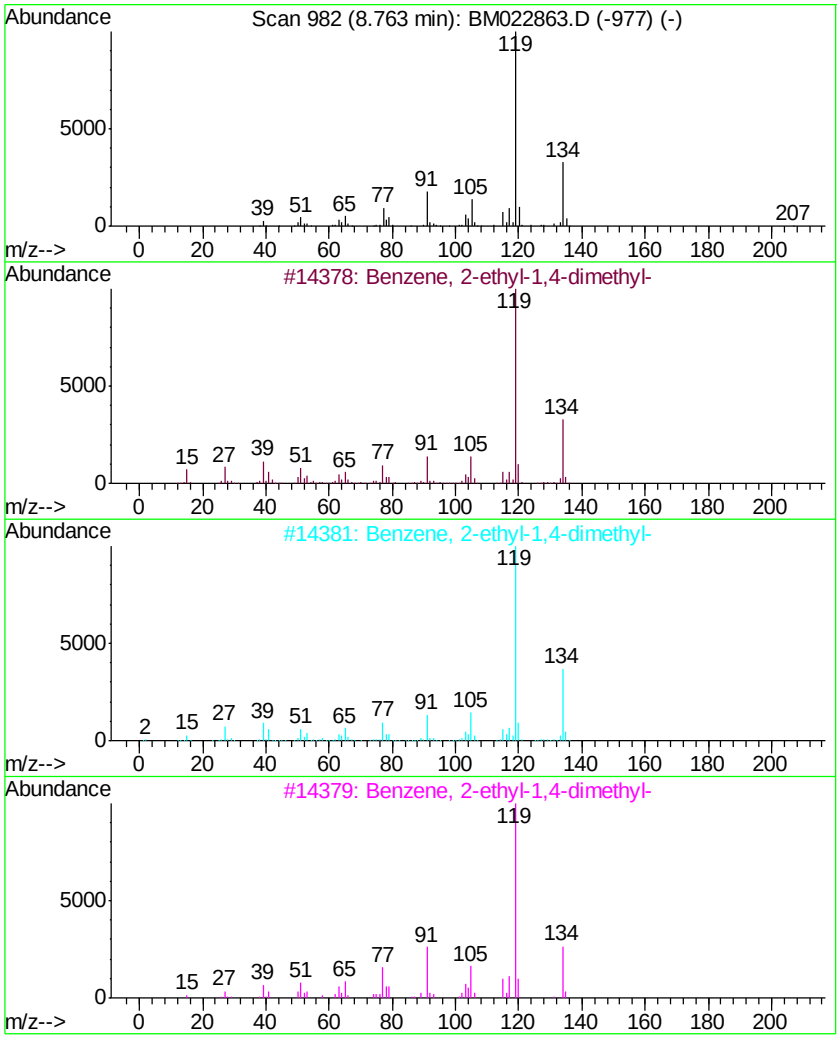
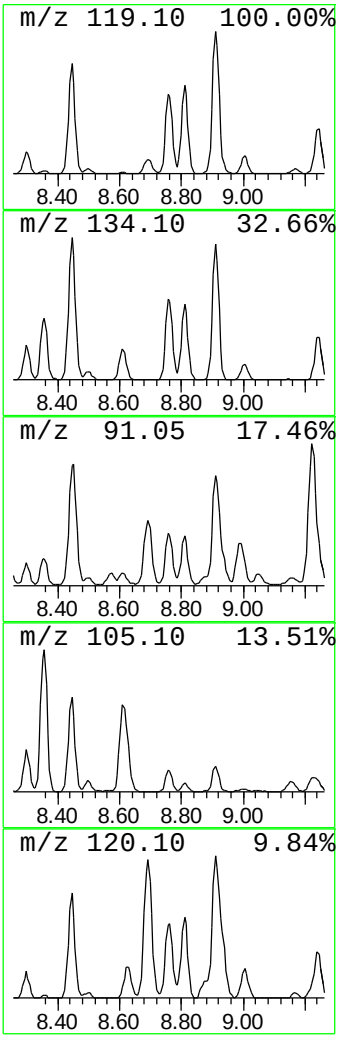
Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	4.94 ng/ul	379253	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 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, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94





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Acq On : 01 Oct 2019 20:28
Operator : JU
Sample : K4983-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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Quant Title : SVOA CALIBRATION

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

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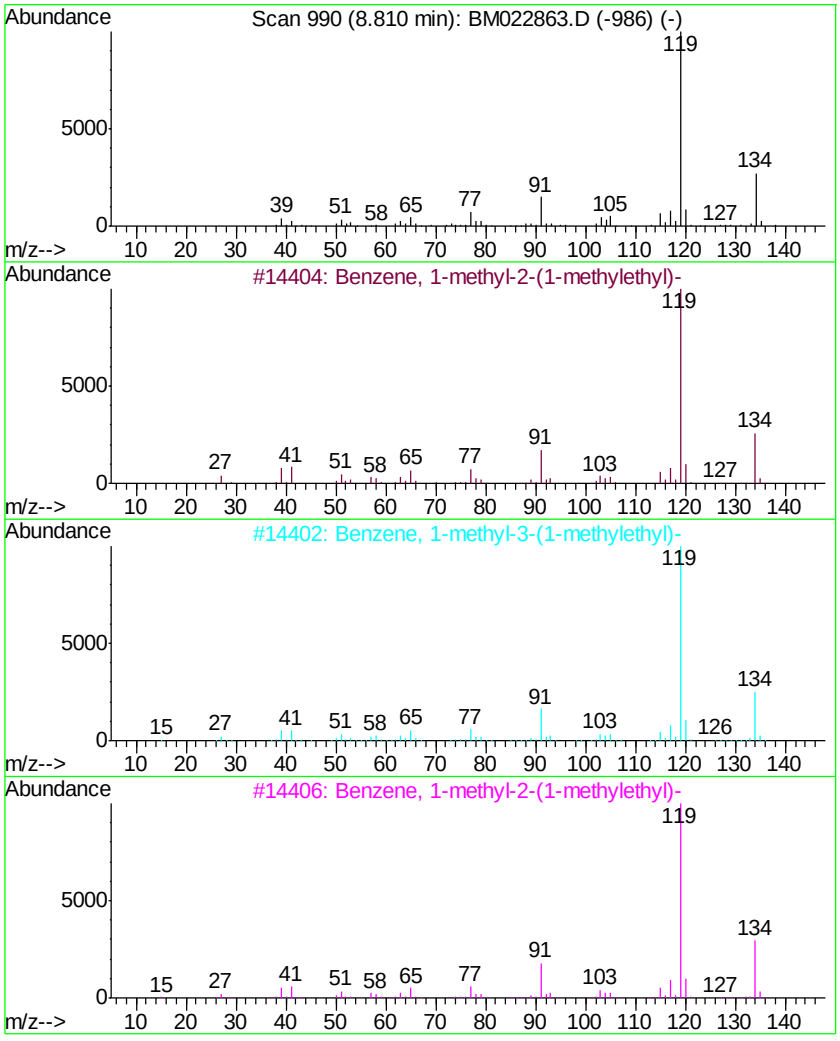
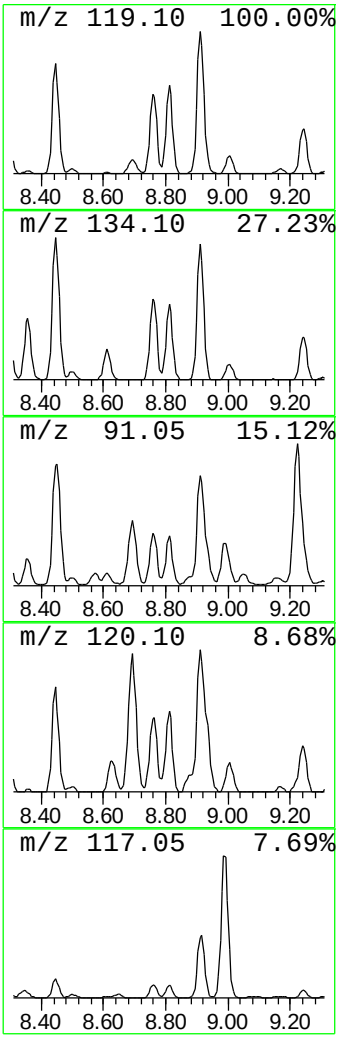
Peak Number 19 Benzene, 1-methyl-2-(1-meth... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	4.53 ng/ul	347829	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





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Acq On : 01 Oct 2019 20:28
Operator : JU
Sample : K4983-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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

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

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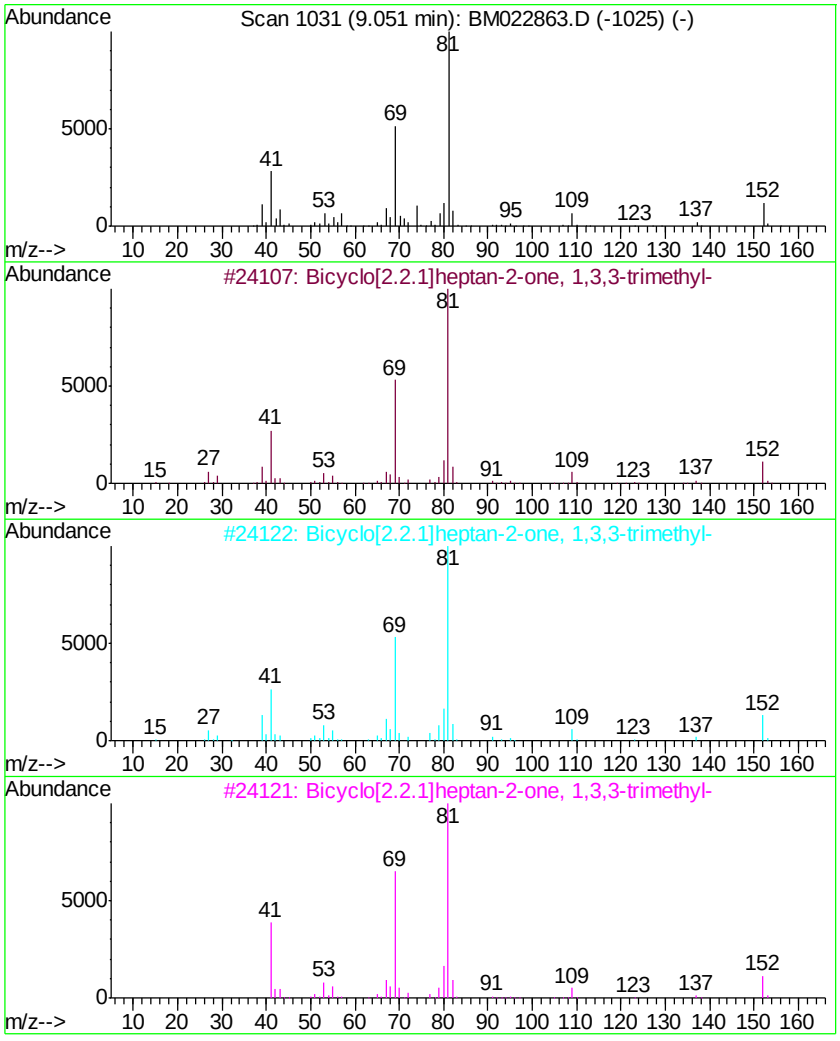
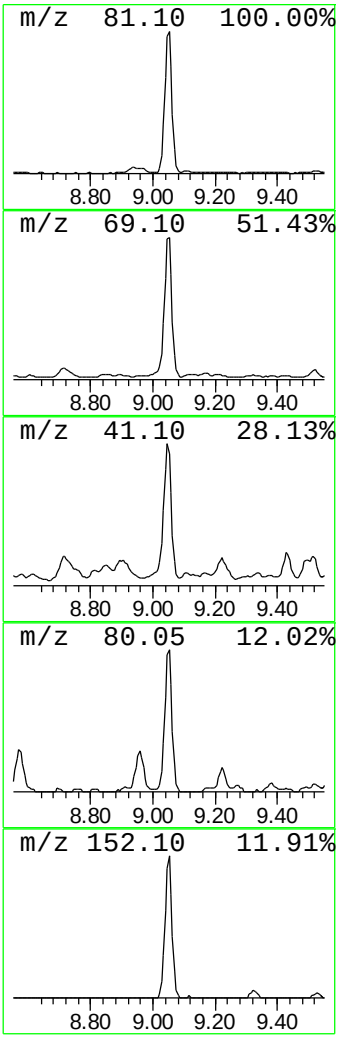
Peak Number 20 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	14.59 ng/ul	1120810	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	94
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	94
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	93
4	L-Fenchone	152	C10H16O	000126-21-6	93
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	007787-20-4	93





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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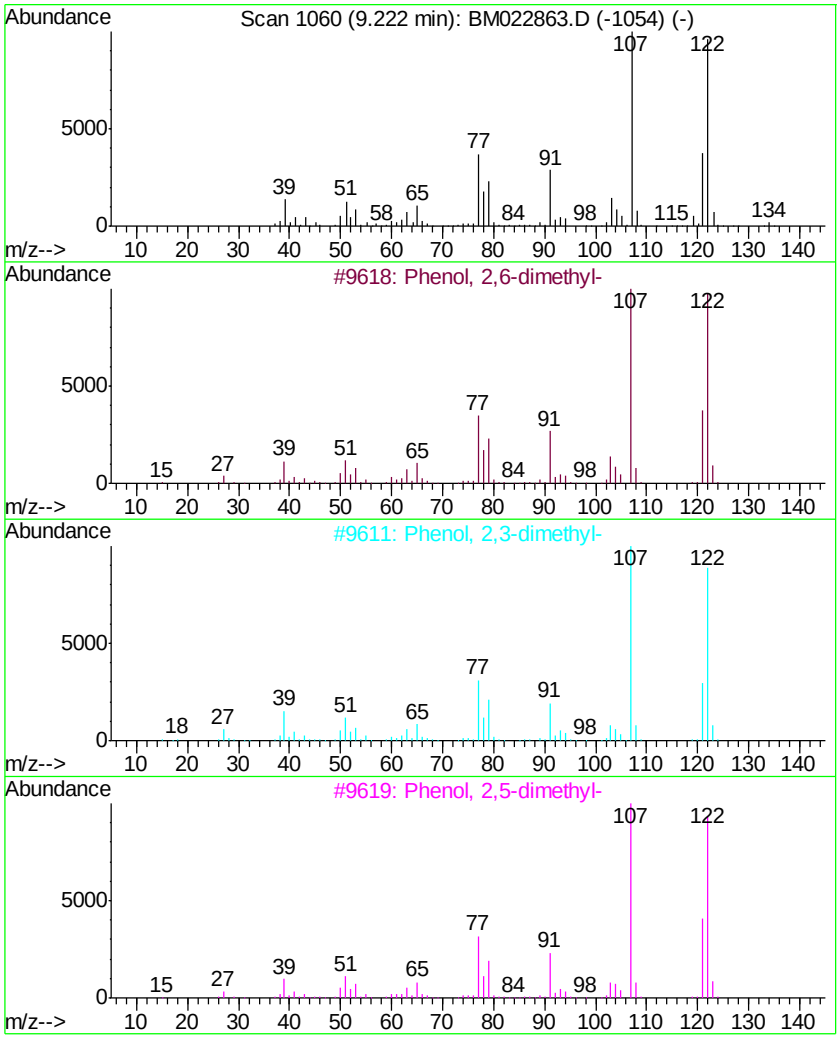
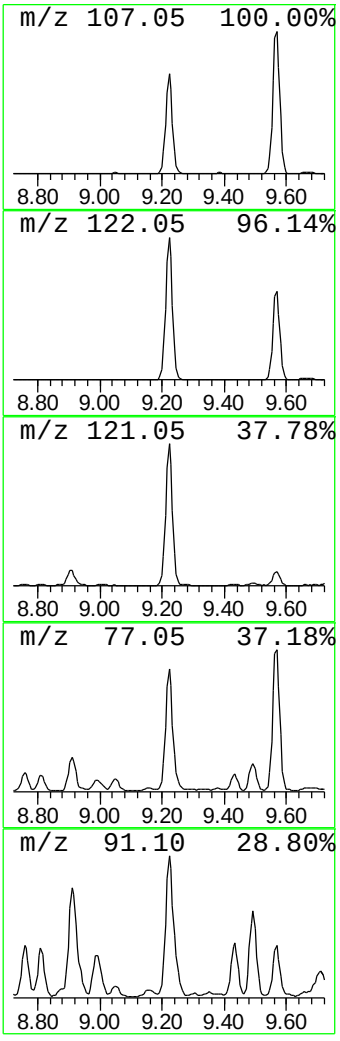
Peak Number 21 Phenol, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	14.00 ng/ul	1647230	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	96
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	96
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	95
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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Quant Title : SVOA CALIBRATION

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

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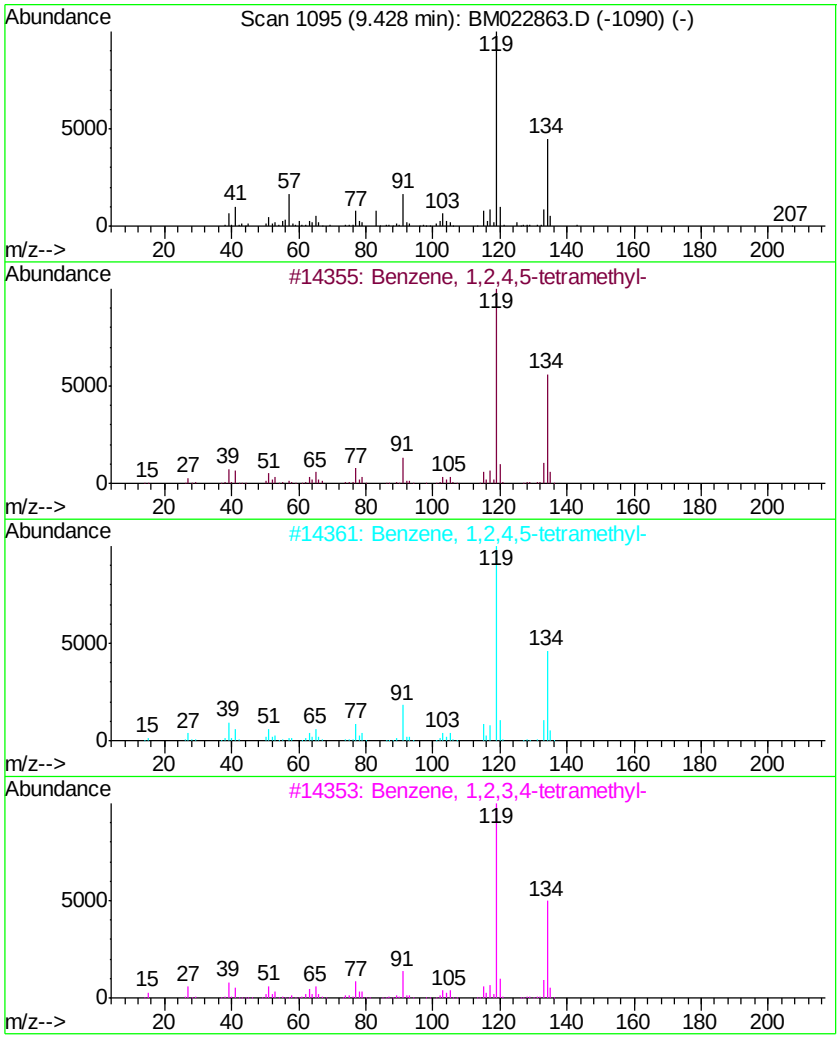
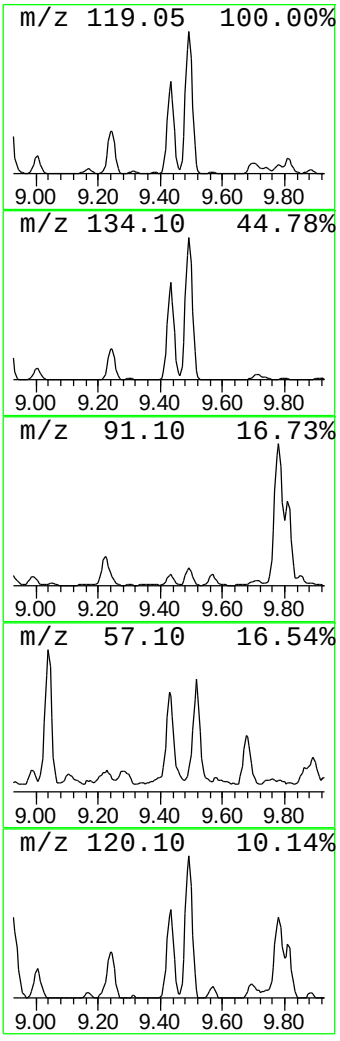
Peak Number 22 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	5.02 ng/ul	591003	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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Quant Title : SVOA CALIBRATION

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

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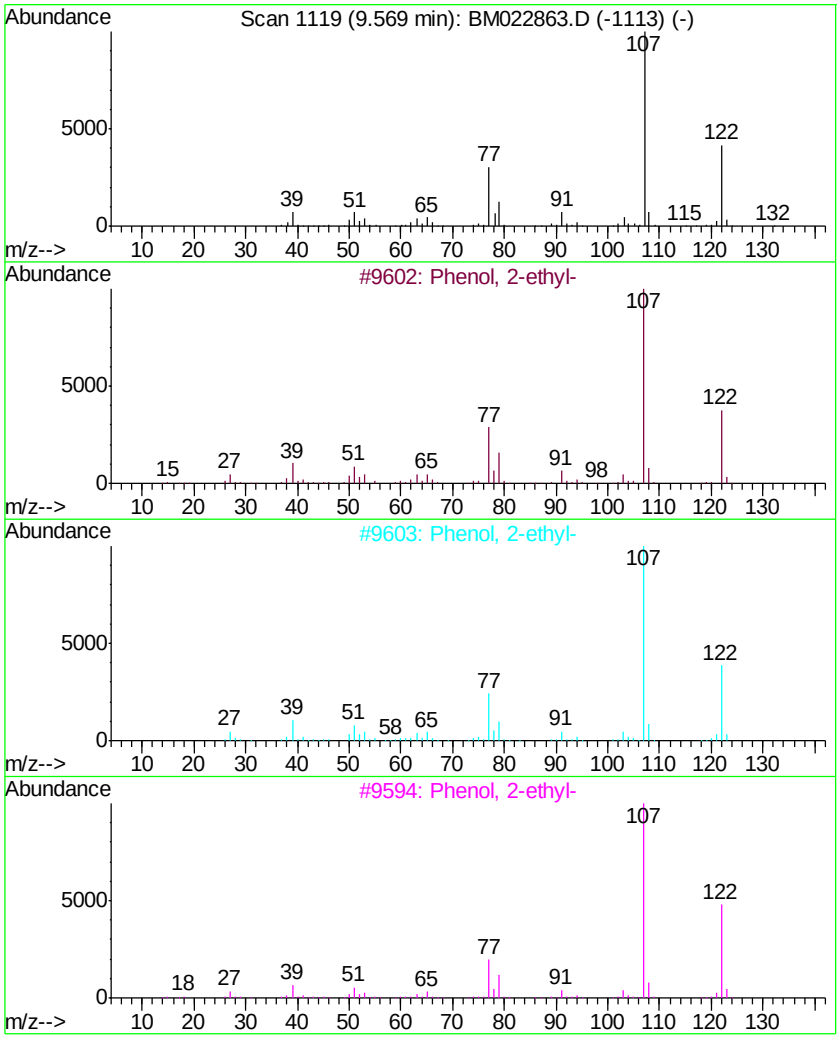
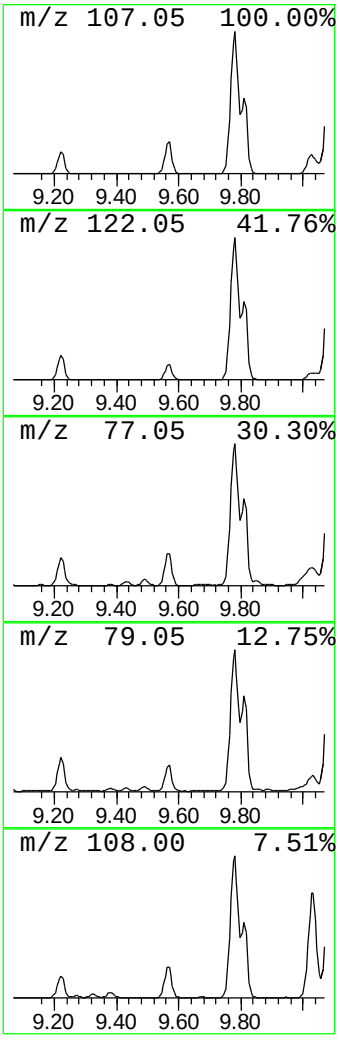
Peak Number 24 Phenol, 2-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	8.90 ng/ul	1047390	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	95
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	94
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	94
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91





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Sample : K4983-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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Quant Title : SVOA CALIBRATION

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

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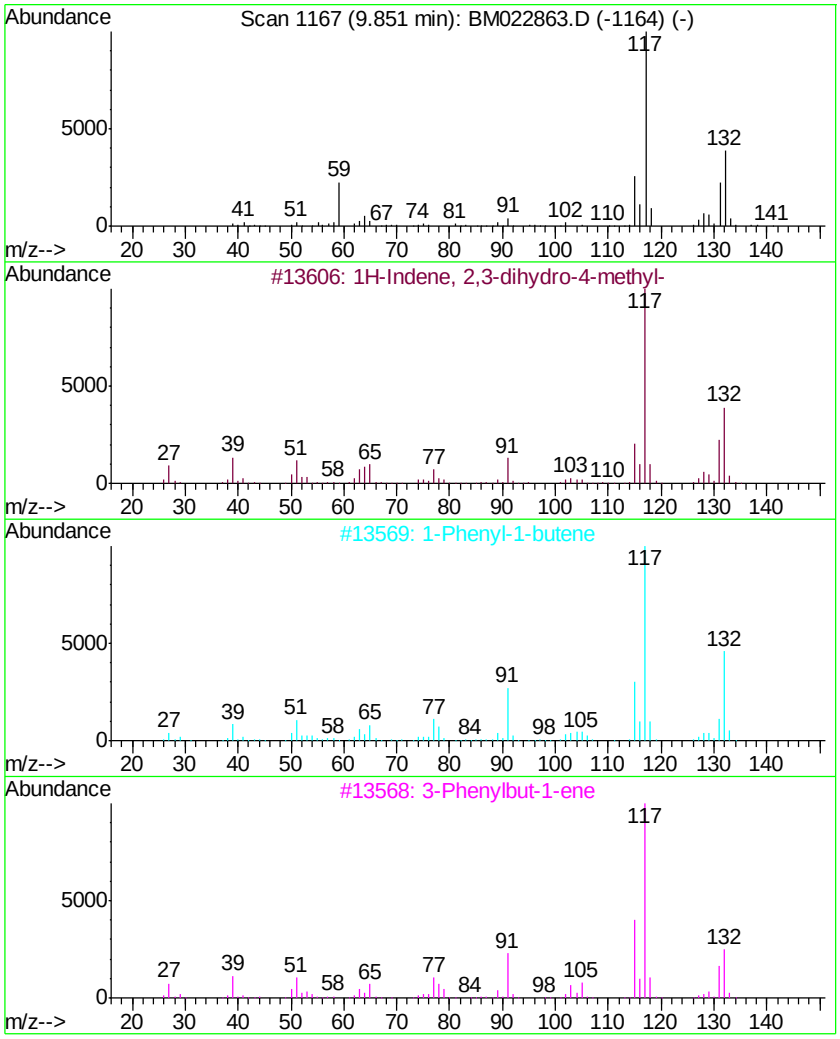
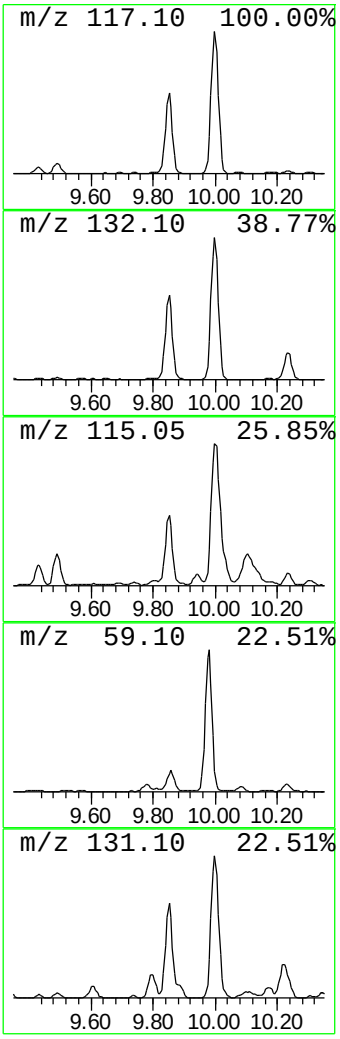
Peak Number 25 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	5.35 ng/ul	629029	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	72
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	72





Library Search Compound Report

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Operator : JU
Sample : K4983-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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

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

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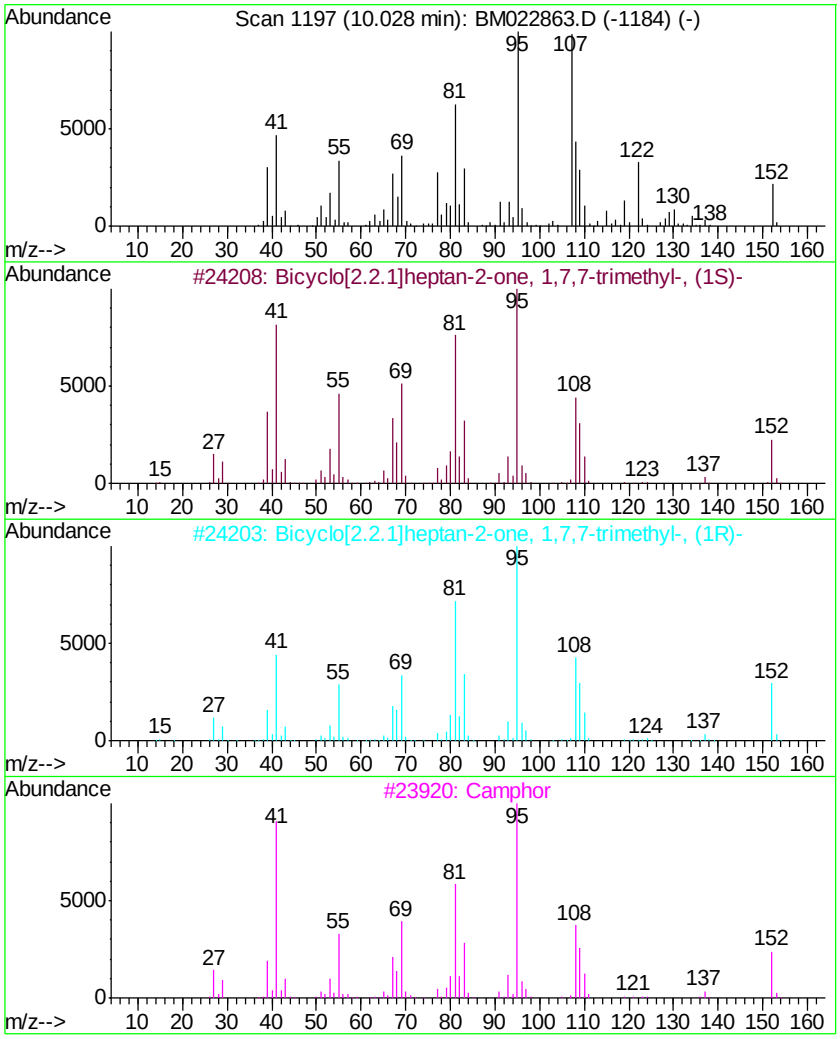
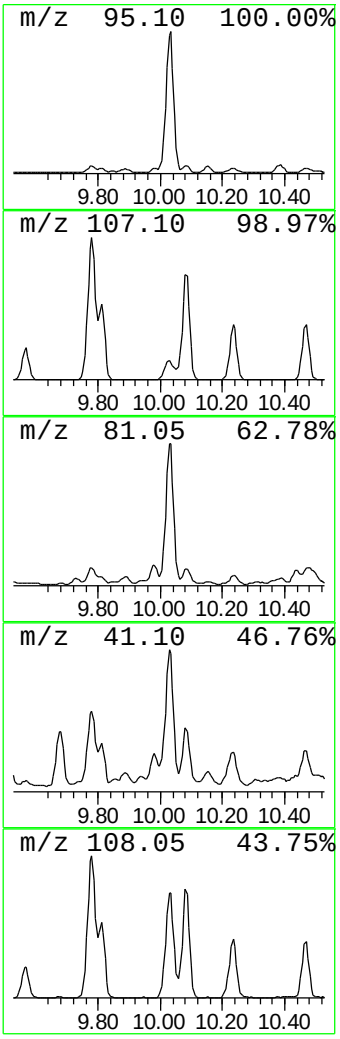
Peak Number 26 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	37.07 ng/ul	4361540	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	91
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	91
3	Camphor	152	C10H16O	000076-22-2	91
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	91
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	91





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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Quant Title : SVOA CALIBRATION

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

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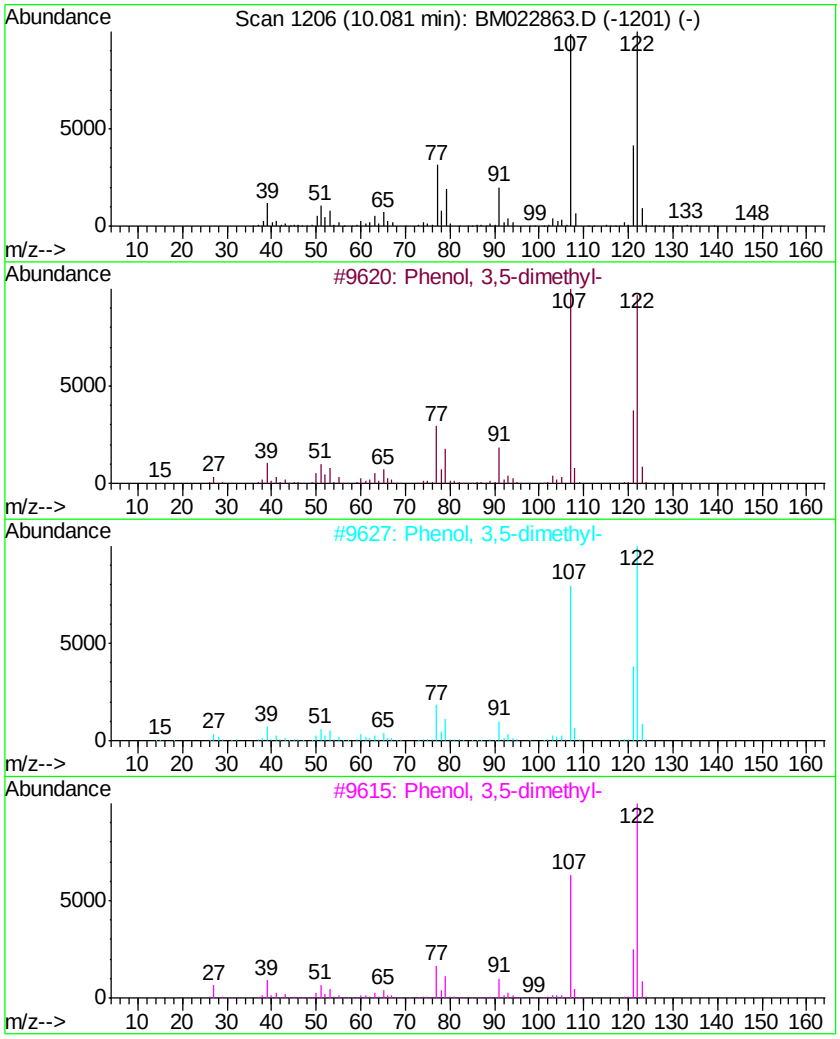
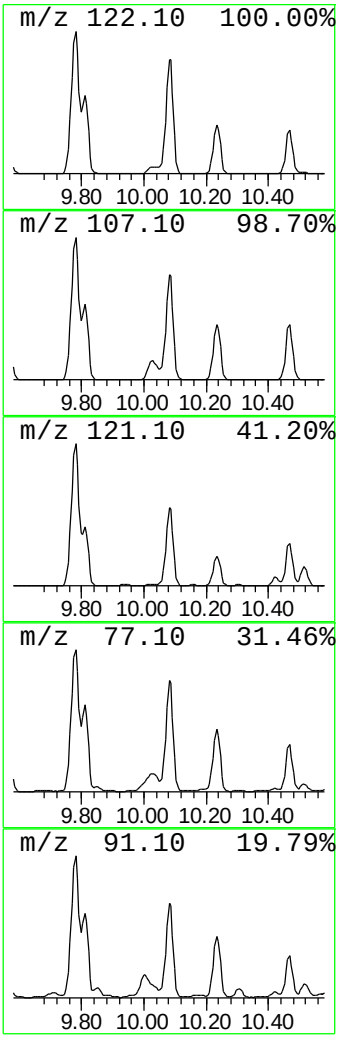
Peak Number 27 Phenol, 3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	51.50 ng/ul	6059100	Naphthalene-d8	10.60

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	95
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91





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Instrument : BNA_M
ClientSampleId : BFDM2

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Quant Title : SVOA CALIBRATION

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

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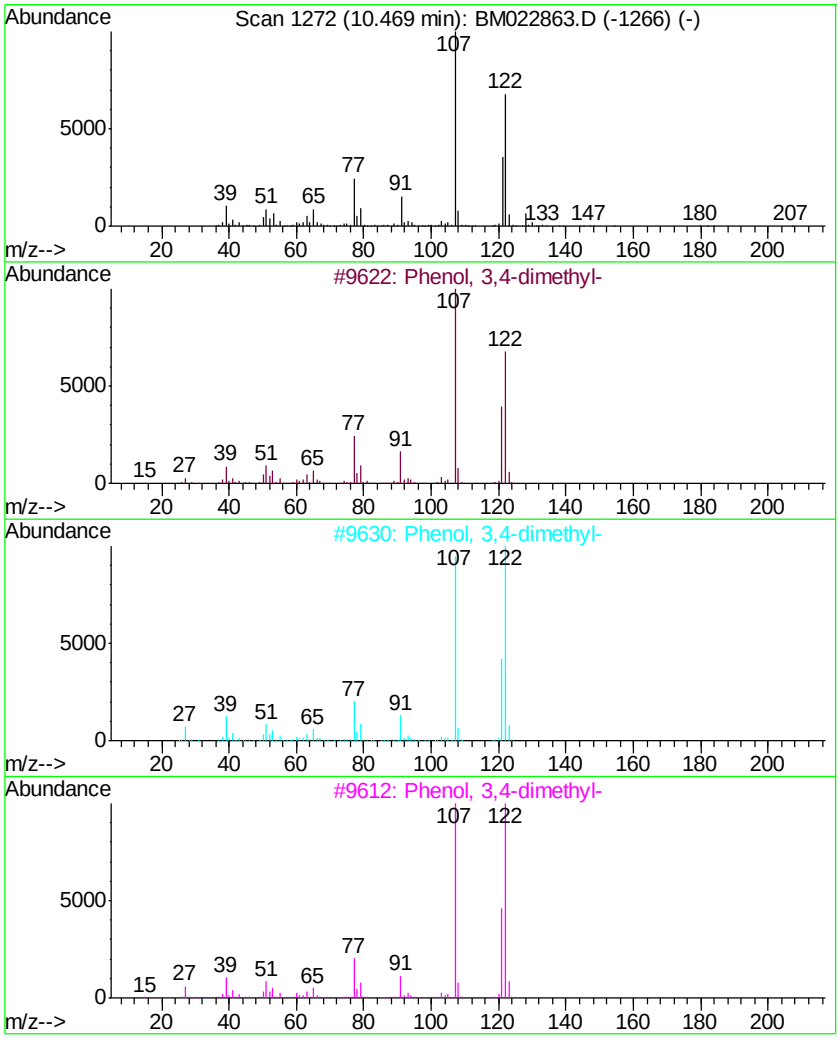
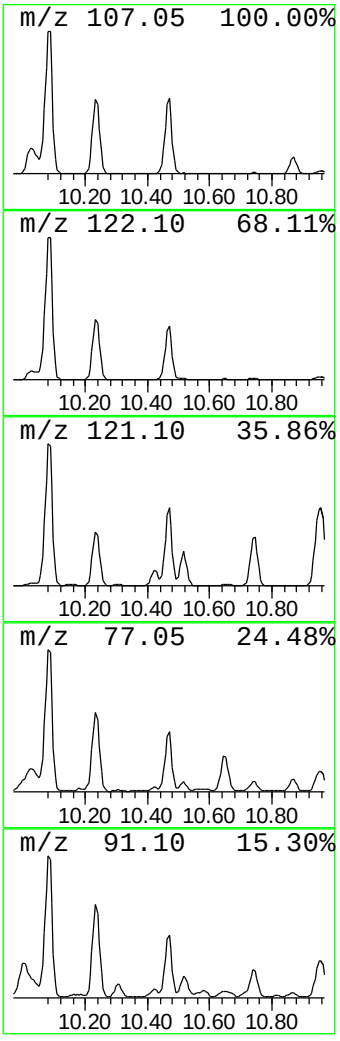
Peak Number 28 Phenol, 3,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	24.53 ng/ul	2886080	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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Quant Title : SVOA CALIBRATION

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

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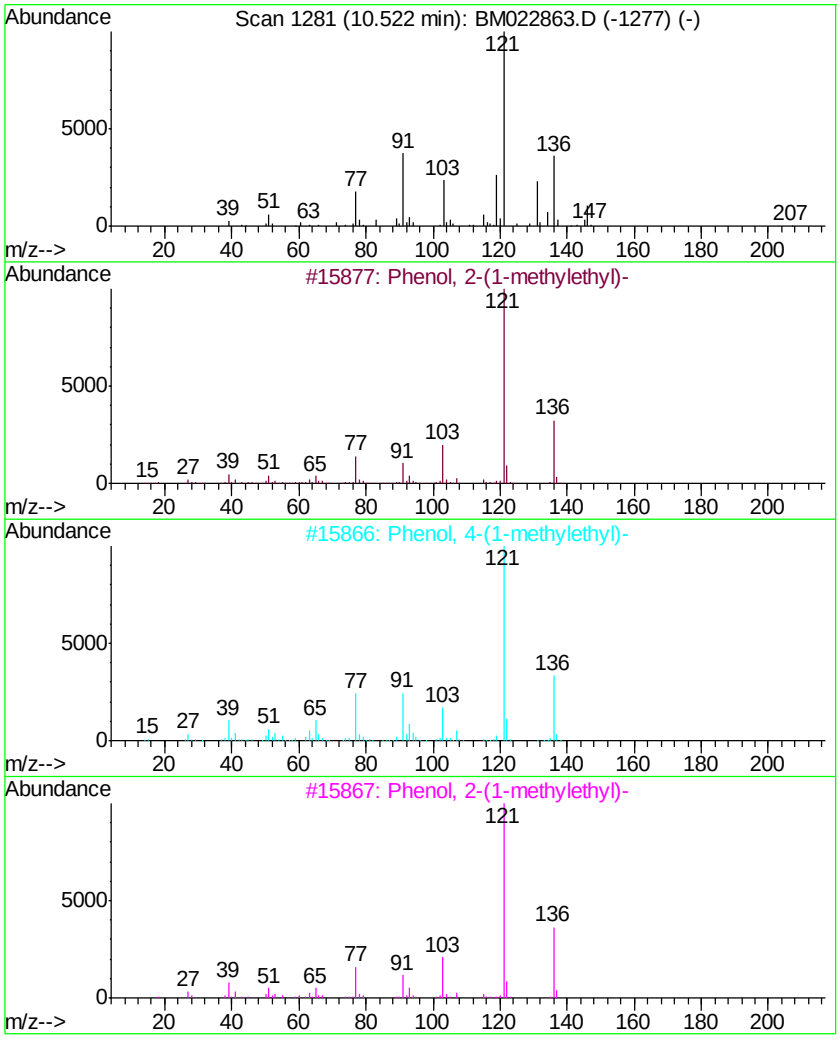
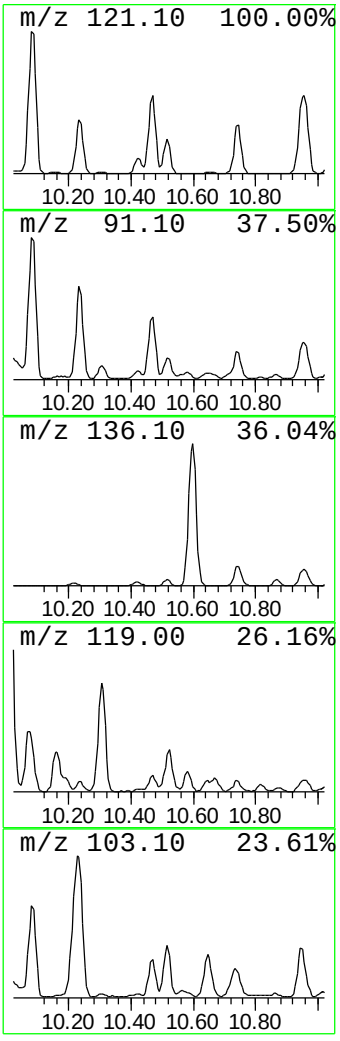
Peak Number 29 Phenol, 2-(1-methylethyl)- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	3.69 ng/ul	434291	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	64
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	64
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	62
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	59
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	53





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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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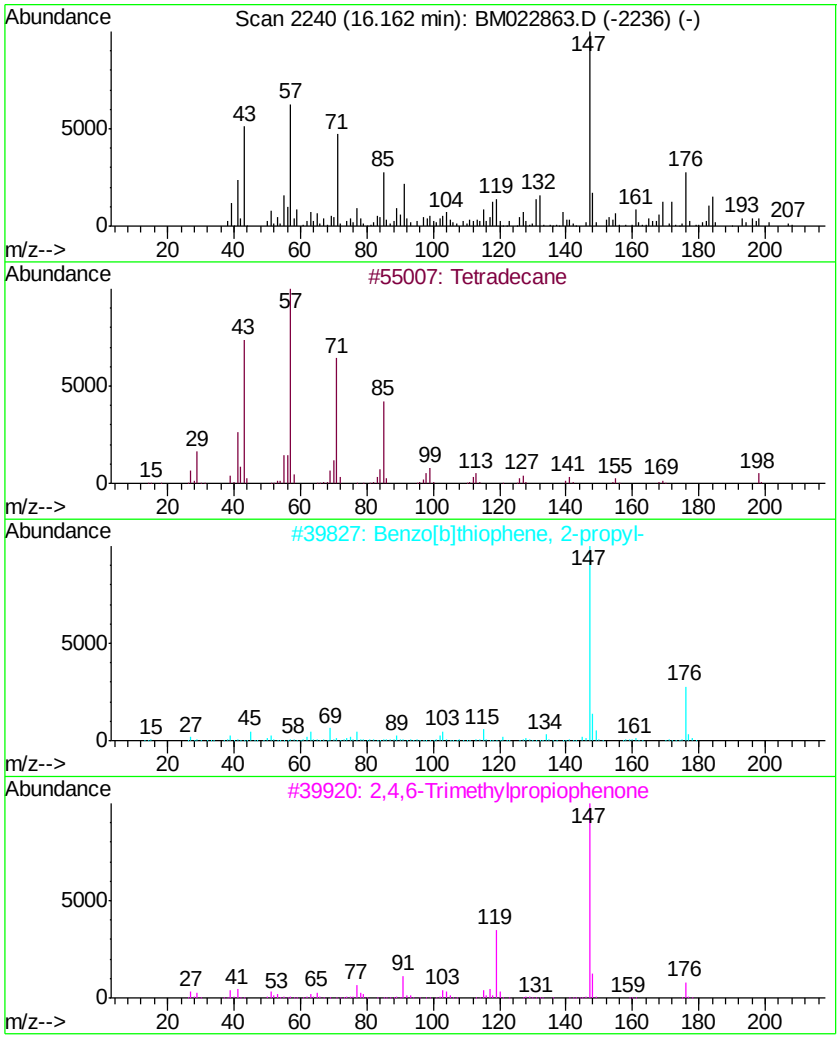
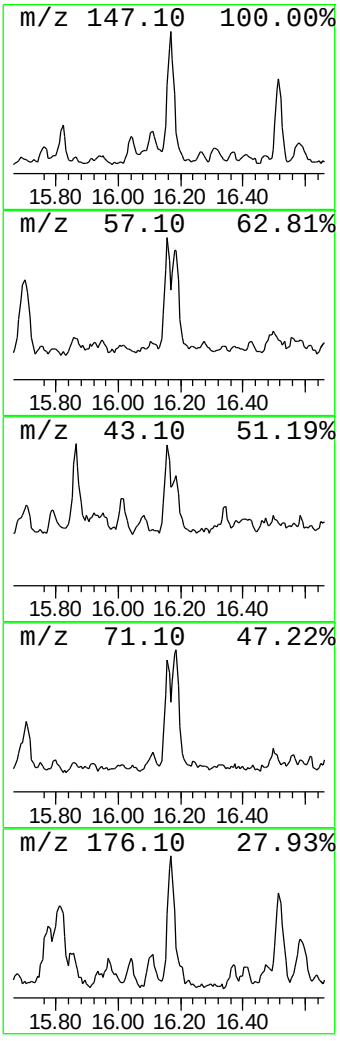
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	3.87 ng/ul	439535	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	47
2	Benzo[b]thiophene, 2-propyl-	176	C11H12S	016587-32-9	38
3	2,4,6-Trimethylpropiophenone	176	C12H16O	002040-15-5	35
4	2H-Indol-2-one, 1,3-dihydro-1-me...	147	C9H9NO	000061-70-1	30
5	Cyclopropanamine, N-methyl-1-phe...	147	C10H13N	056771-48-3	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022863.D
Acq On : 01 Oct 2019 20:28
Operator : JU
Sample : K4983-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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

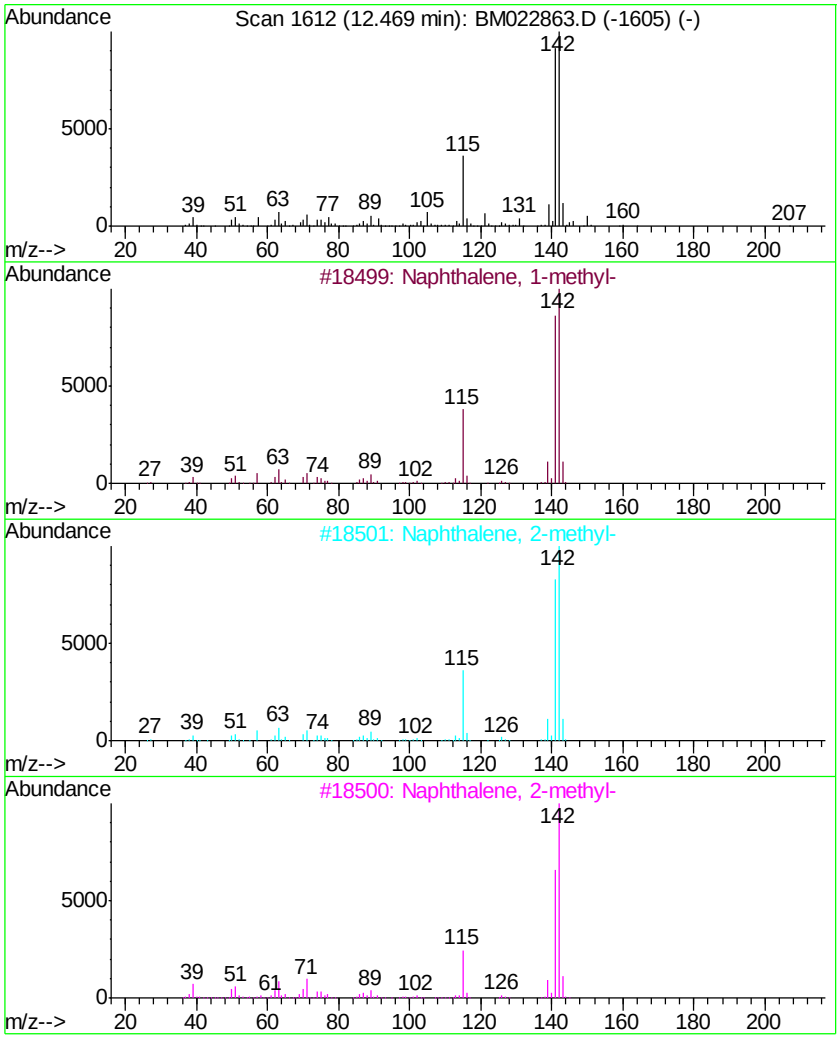
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

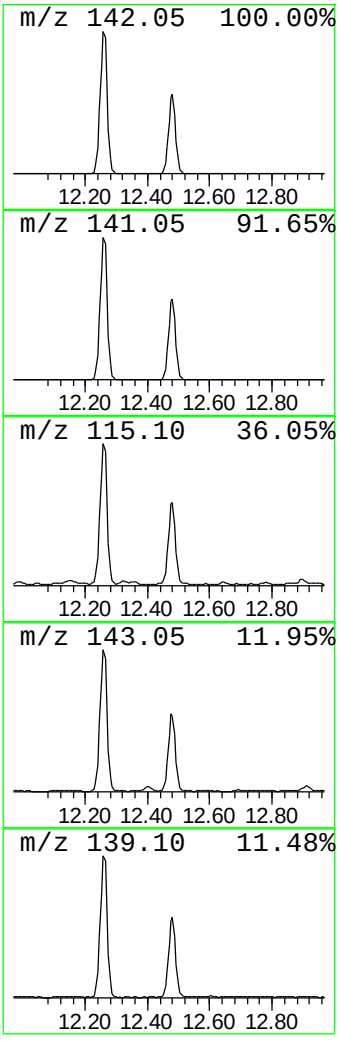
****

Peak Number 64 Naphthalene, 1-methyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	13.51 ng/ul	1590100	Naphthalene-d8	10.60

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022863.D
Acq On : 01 Oct 2019 20:28
Operator : JU
Sample : K4983-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM2

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
Toluene	4.01	50.3	ng/ul	3862100	1	7.80	1536170	20.0
unknown-01	4.28	6.0	ng/ul	463551	1	7.80	1536170	20.0
Propanoic acid, p...	4.45	8.5	ng/ul	650996	1	7.80	1536170	20.0
Butanoic acid, 1-...	4.90	9.0	ng/ul	689564	1	7.80	1536170	20.0
Ethylbenzene	5.33	32.8	ng/ul	2519060	1	7.80	1536170	20.0
o-Xylene	5.46	116.1	ng/ul	8916700	1	7.80	1536170	20.0
Benzene, 1,3-dime...	5.83	67.7	ng/ul	5196850	1	7.80	1536170	20.0
Benzene, propyl-	6.79	10.1	ng/ul	776927	1	7.80	1536170	20.0
Benzene, 1-ethyl-...	6.90	27.1	ng/ul	2079230	1	7.80	1536170	20.0
Benzene, 1,2,4-tr...	7.20	15.2	ng/ul	1169360	1	7.80	1536170	20.0
1-Hexanol, 2-ethyl-	7.87	6.3	ng/ul	481632	1	7.80	1536170	20.0
Benzene, 1,2,3-tr...	7.92	32.1	ng/ul	2462100	1	7.80	1536170	20.0
Indane	8.17	32.2	ng/ul	2474810	1	7.80	1536170	20.0
Benzene, 1-methyl...	8.35	6.2	ng/ul	477070	1	7.80	1536170	20.0
Benzene, 1-ethyl-...	8.45	12.7	ng/ul	978676	1	7.80	1536170	20.0
Benzaldehyde, 2-m...	8.70	4.7	ng/ul	358744	1	7.80	1536170	20.0
Benzene, 2-ethyl-...	8.76	4.9	ng/ul	379253	1	7.80	1536170	20.0
Benzene, 1-methyl...	8.81	4.5	ng/ul	347829	1	7.80	1536170	20.0
Bicyclo[2.2.1]hep...	9.05	14.6	ng/ul	1120810	1	7.80	1536170	20.0
Phenol, 2,6-dimet...	9.22	14.0	ng/ul	1647230	2	10.60	2353260	20.0
Benzene, 1,2,4,5-...	9.43	5.0	ng/ul	591003	2	10.60	2353260	20.0
Phenol, 2-ethyl-	9.57	8.9	ng/ul	1047390	2	10.60	2353260	20.0
1H-Indene, 2,3-di...	9.85	5.3	ng/ul	629029	2	10.60	2353260	20.0
Bicyclo[2.2.1]hep...	10.03	37.1	ng/ul	4361540	2	10.60	2353260	20.0
Phenol, 3,5-dimet...	10.08	51.5	ng/ul	6059100	2	10.60	2353260	20.0
Phenol, 3,4-dimet...	10.47	24.5	ng/ul	2886080	2	10.60	2353260	20.0
Phenol, 2-(1-meth...	10.52	3.7	ng/ul	434291	2	10.60	2353260	20.0
(DEL) Alkane: Str...	16.16	3.9	ng/ul	439535	4	17.18	2272220	20.0
Naphthalene, 1-me...	12.47	13.5	ng/ul	1590100	2	10.60	2353260	20.0