LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG101420\
Data File : BG046899.D
Acq On : 14 Oct 2020 19:07
Operator : CG/JU
Sample : L4360-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

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_G\METHODS\SOM-EPA-BG092920MA.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	3.520	27	31	33	rBV2	12886	19629	0.98%	0.069%
2	3.555	33	37	50	rVB	56629	89043	4.45%	0.315%
3	4.713	228	234	244	rVB	66528	118428	5.92%	0.419%
4	5.406	346	352	360	rVB	172036	282201	14.10%	0.997%
5	6.581	546	552	559	rBV3	14035	26357	1.32%	0.093%
6	7.245	657	665	675	rBV2	69834	150513	7.52%	0.532%
7	7.415	687	694	701	rBV	176384	293653	14.67%	1.038%
8	7.627	718	730	736	rBV	210736	378678	18.91%	1.338%
9	7.674	736	738	746	rVB3	27399	43625	2.18%	0.154%
10	7.750	746	751	756	rVB6	11158	21963	1.10%	0.078%
11	8.097	804	810	818	rBV	231350	399740	19.97%	1.413%
12	8.232	829	833	838	rVV2	27317	41322	2.06%	0.146%
13	8.473	866	874	881	rVV	158610	273721	13.67%	0.967%
14	8.632	898	901	910	rVB8	8413	17512	0.87%	0.062%
15	8.743	910	920	922	rBV5	16541	29133	1.46%	0.103%
16	8.790	922	928	936	rVB	193791	341294	17.05%	1.206%
17	9.078	970	977	984	rBV	176614	313983	15.68%	1.110%
18	9.201	992	998	1001	rBV4	38674	66196	3.31%	0.234%
19	9.254	1001	1007	1016	rVB	234419	434233	21.69%	1.535%
20	9.454	1035	1041	1049	rVB8	16692	41501	2.07%	0.147%
21	9.619	1064	1069	1076	rVV6	32298	66466	3.32%	0.235%
22	9.683	1078	1080	1084	rVV5	12826	20017	1.00%	0.071%
23	9.724	1084	1087	1093	rVB3	17062	29504	1.47%	0.104%
24	9.977	1124	1130	1139	rBV	209161	384921	19.23%	1.360%
25	10.112	1145	1153	1157	rBV9	23639	56575	2.83%	0.200%
26	10.306	1181	1186	1195	rVB7	39784	87149	4.35%	0.308%
27	10.382	1195	1199	1203	rBV7	13818	23036	1.15%	0.081%
28	10.447	1203	1210	1216	rVV4	40738	97794	4.88%	0.346%
29	10.523	1216	1223	1241	rVB	363029	711454	35.54%	2.514%
30	10.682	1244	1250	1257	rBV5	19585	49936	2.49%	0.176%
31	10.806	1266	1271	1277	rVB2	34296	61242	3.06%	0.216%
32	10.905	1281	1288	1294	rVV	293001	541119	27.03%	1.912%
33	10.958	1294	1297	1302	rVB5	27970	43939	2.19%	0.155%
34	11.035	1302	1310	1323	rBV	278497	534259	26.69%	1.888%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4360-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

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_G\METHODS\SOM-EPA-BG092920MA.M
Title : SVOA CALIBRATION

35	11.152	1323	1330	1345	rVB	19386	61690	3.08%	0.218%
36	11.317	1354	1358	1363	rBV8	11547	20424	1.02%	0.072%
37	11.487	1381	1387	1394	rVB8	11166	32951	1.65%	0.116%
38	11.558	1394	1399	1403	rBV8	8634	18442	0.92%	0.065%
39	11.681	1410	1420	1422	rBV6	21310	44241	2.21%	0.156%
40	11.716	1425	1426	1435	rVB7	15897	32706	1.63%	0.116%
41	11.857	1445	1450	1457	rVB9	16789	39872	1.99%	0.141%
42	12.098	1487	1491	1496	rVB6	17288	28362	1.42%	0.100%
43	12.227	1505	1513	1518	rBV2	106312	177589	8.87%	0.628%
44	12.269	1518	1520	1527	rVB7	11110	22145	1.11%	0.078%
45	12.392	1535	1541	1547	rBV4	76834	138659	6.93%	0.490%
46	12.451	1547	1551	1554	rBV4	15339	26625	1.33%	0.094%
47	12.492	1554	1558	1562	rBV6	19141	35412	1.77%	0.125%
48	12.762	1596	1604	1610	rBV9	30189	67930	3.39%	0.240%
49	12.868	1619	1622	1627	rBV5	26866	44368	2.22%	0.157%
50	12.974	1636	1640	1645	rVB7	21011	35958	1.80%	0.127%
51	13.062	1651	1655	1659	rBV6	15230	28593	1.43%	0.101%
52	13.520	1729	1733	1737	rBV7	16715	32432	1.62%	0.115%
53	13.561	1738	1740	1744	rVV5	17742	27920	1.39%	0.099%
54	13.608	1744	1748	1755	rVV2	70009	115476	5.77%	0.408%
55	13.673	1755	1759	1763	rVB6	11957	21244	1.06%	0.075%
56	13.773	1770	1776	1778	rBV6	16502	34061	1.70%	0.120%
57	13.884	1792	1795	1796	rBV2	23843	26733	1.34%	0.094%
58	14.043	1817	1822	1828	rBV5	44655	110294	5.51%	0.390%
59	14.119	1830	1835	1840	rVV	673704	953847	47.64%	3.371%
60	14.166	1840	1843	1847	rVB	128629	152961	7.64%	0.541%
61	14.272	1857	1861	1865	rBV6	35937	57670	2.88%	0.204%
62	14.413	1874	1885	1897	rVB	716038	1199089	59.89%	4.237%
63	14.519	1901	1903	1906	rBV3	23607	28001	1.40%	0.099%
64	14.642	1920	1924	1928	rBV3	67660	90896	4.54%	0.321%
65	14.724	1932	1938	1943	rVV	492049	802944	40.11%	2.838%
66	14.783	1943	1948	1954	rVB	272660	429484	21.45%	1.518%
67	14.848	1954	1959	1966	rBV	36803	76317	3.81%	0.270%
68	14.907	1966	1969	1975	rVB4	54506	86798	4.34%	0.307%
69	15.118	2000	2005	2011	rVB	112079	183359	9.16%	0.648%
70	15.447	2057	2061	2068	rBV	173428	251185	12.55%	0.888%
71	15.712	2100	2106	2111	rBV	936528	1397903	69.82%	4.940%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4360-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Title : SVOA CALIBRATION

72	15.764	2111	2115	2119	rVV	105044	170399	8.51%	0.602%
73	15.817	2119	2124	2130	rVV	180046	256974	12.84%	0.908%
74	15.917	2138	2141	2144	rBV	31215	44103	2.20%	0.156%
75	15.964	2145	2149	2155	rVB5	60888	109678	5.48%	0.388%
76	16.223	2186	2193	2199	rVB	706145	1048465	52.37%	3.705%
77	16.393	2213	2222	2228	rBV	286827	547796	27.36%	1.936%
78	16.540	2245	2247	2252	rVB3	29196	36154	1.81%	0.128%
79	16.728	2273	2279	2283	rBV	430064	625133	31.22%	2.209%
80	16.992	2320	2324	2335	rVB2	64458	126480	6.32%	0.447%
81	17.263	2365	2370	2378	rVB5	67544	159806	7.98%	0.565%
82	17.374	2387	2389	2393	rVB5	29103	28360	1.42%	0.100%
83	17.462	2399	2404	2410	rVB	685058	1006339	50.27%	3.556%
84	17.562	2415	2421	2431	rVB	1064566	1582870	79.06%	5.594%
85	18.350	2551	2555	2564	rBV2	363317	536928	26.82%	1.897%
86	18.761	2623	2625	2630	rVB4	33949	31937	1.60%	0.113%
87	19.548	2756	2759	2763	rBV2	61586	75856	3.79%	0.268%
88	19.613	2766	2770	2779	rVB	169775	253918	12.68%	0.897%
89	19.848	2804	2810	2813	rBV	1366790	2002041	100.00%	7.075%
90	19.883	2813	2816	2826	rVB	770300	1056434	52.77%	3.733%
91	20.312	2885	2889	2893	rVB	85231	110938	5.54%	0.392%
92	20.847	2978	2980	2986	rVB6	54920	66837	3.34%	0.236%
93	20.952	2995	2998	3004	rVB	67048	104188	5.20%	0.368%
94	21.375	3066	3070	3080	rVB	230117	389233	19.44%	1.375%
95	21.740	3126	3132	3139	rVB2	772378	1301726	65.02%	4.600%
96	24.783	3639	3650	3662	rVB	709562	1958706	97.84%	6.922%
97	25.006	3676	3688	3703	rVB	455509	1378016	68.83%	4.870%
98	26.193	3883	3890	3898	rVB4	43835	109682	5.48%	0.388%
99	26.323	3905	3912	3913	rBV6	21413	38736	1.93%	0.137%
100	27.574	4118	4125	4135	rVB4	36834	115130	5.75%	0.407%

Sum of corrected areas: 28297580

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG101420\
Data File : BG046899.D
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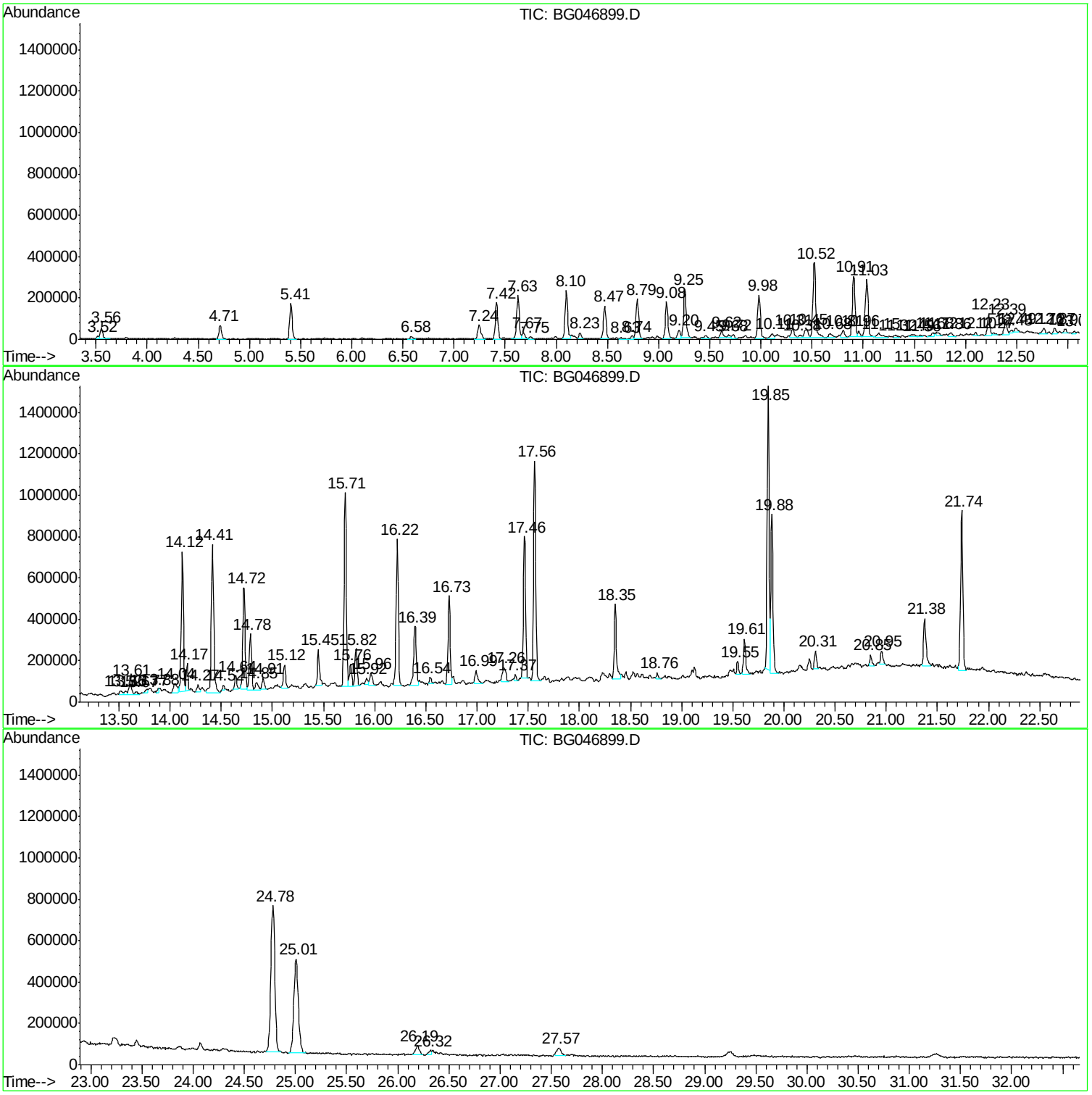
Sample : L4360-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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ClientSampleId : CB7W4

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Quant Title : SVOA CALIBRATION

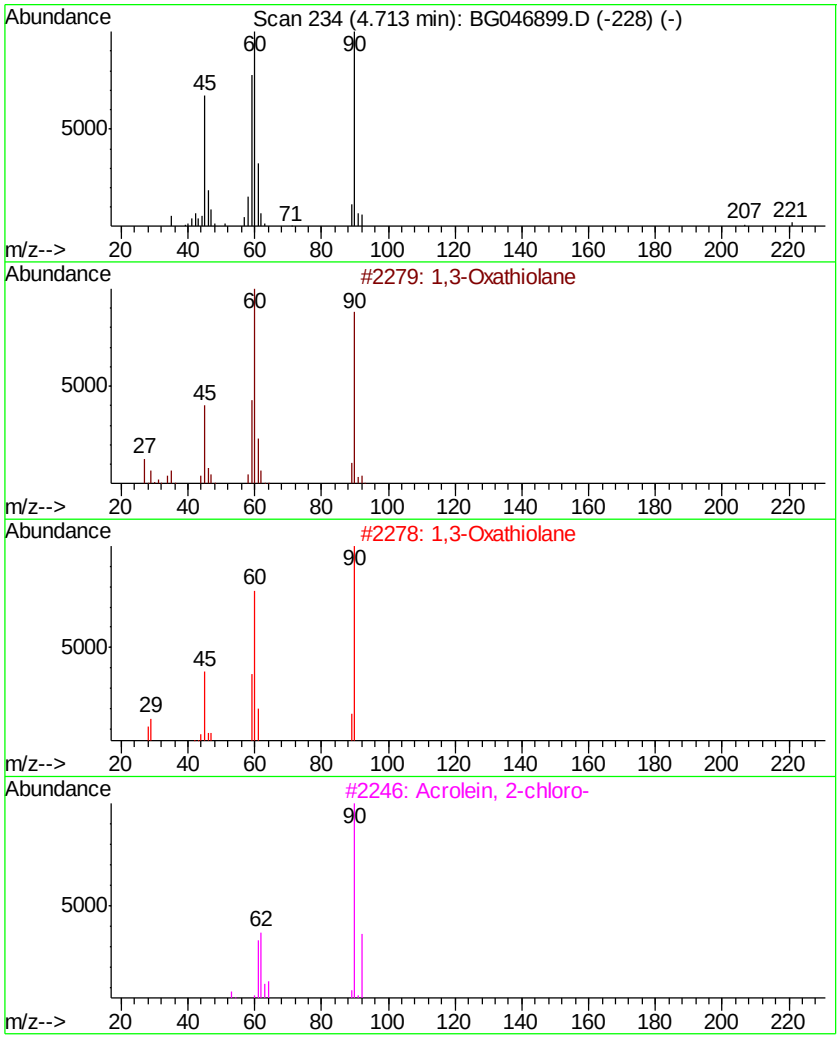
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

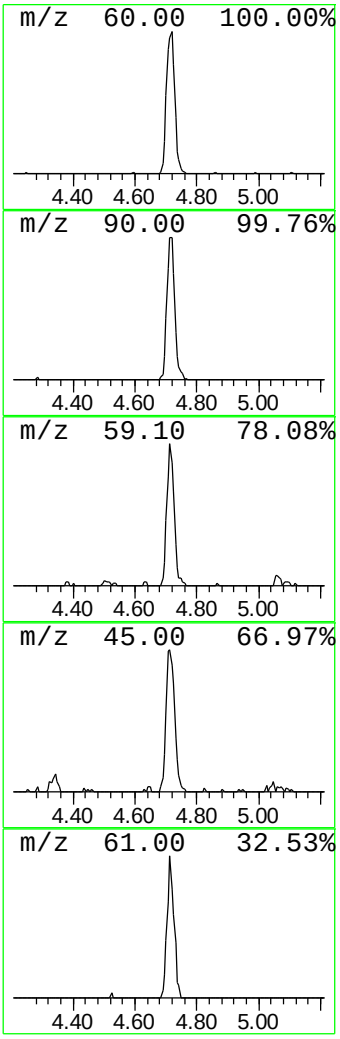
****

Peak Number 1 1,3-Oxathiolane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	5.93 ng/ul	118428	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	80
2	1,3-Oxathiolane	90	C3H6OS	002094-97-5	59
3	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	53
4	Thiourea, methyl-	90	C2H6N2S	000598-52-7	47
5	Noxytiolin	120	C3H8N2OS	015599-39-0	40





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG101420\
Data File : BG046899.D
Acq On : 14 Oct 2020 19:07
Operator : CG/JU
Sample : L4360-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

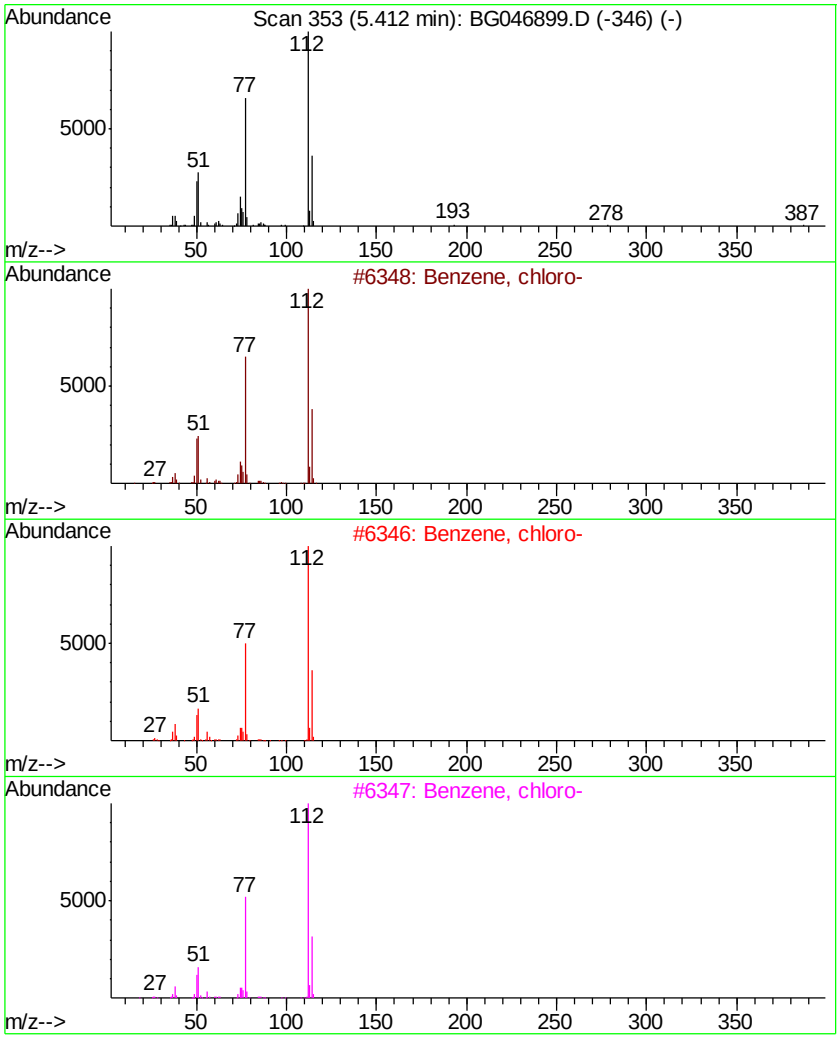
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

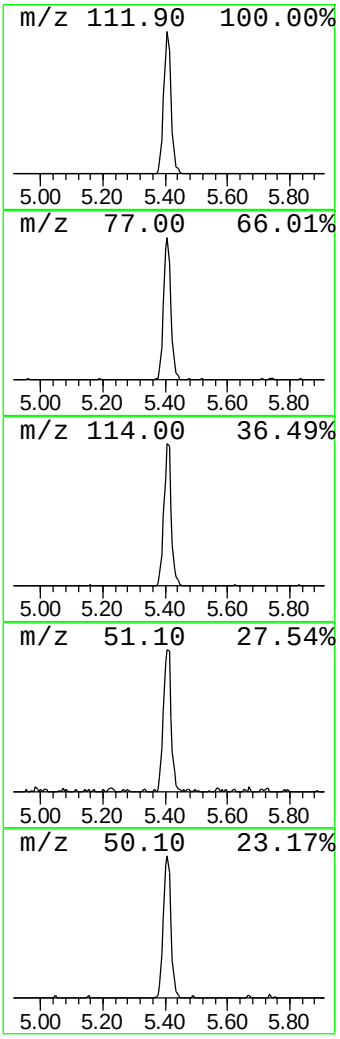
****

Peak Number 2 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.41	14.12 ng/ul	282201	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	90
5	2-Chloro-3-nitropyridine	158	C5H3ClN2O2	005470-18-8	45





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Sample : L4360-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

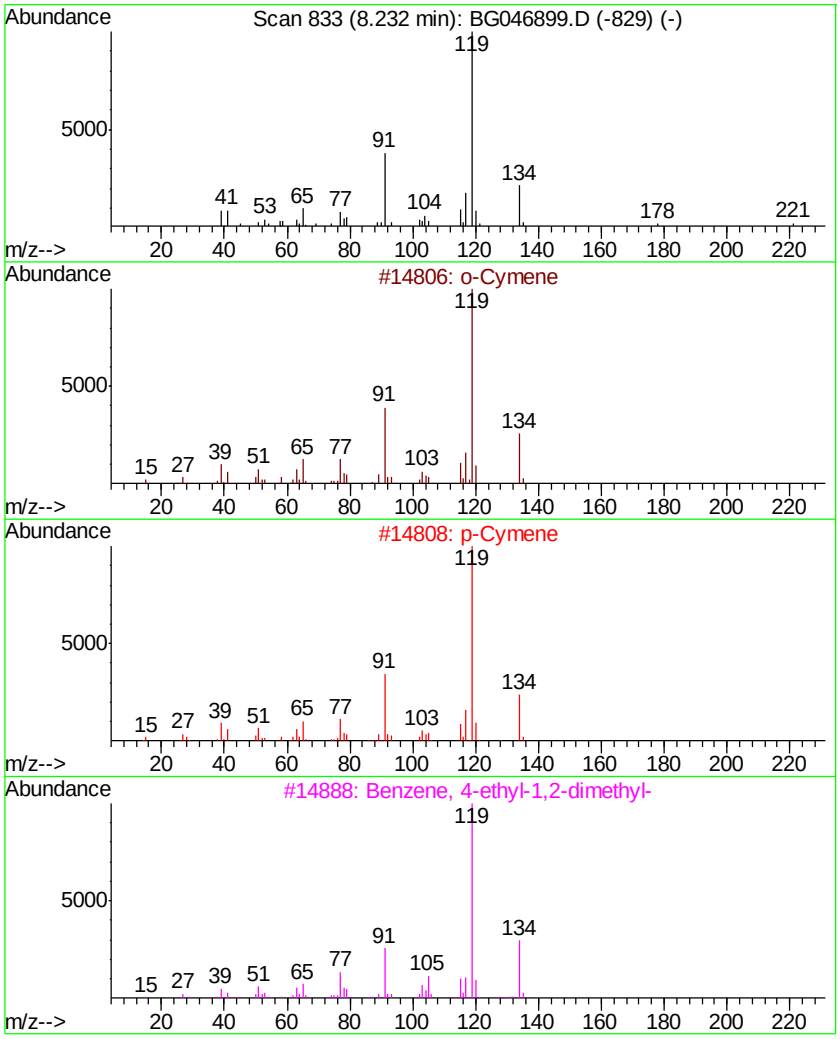
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

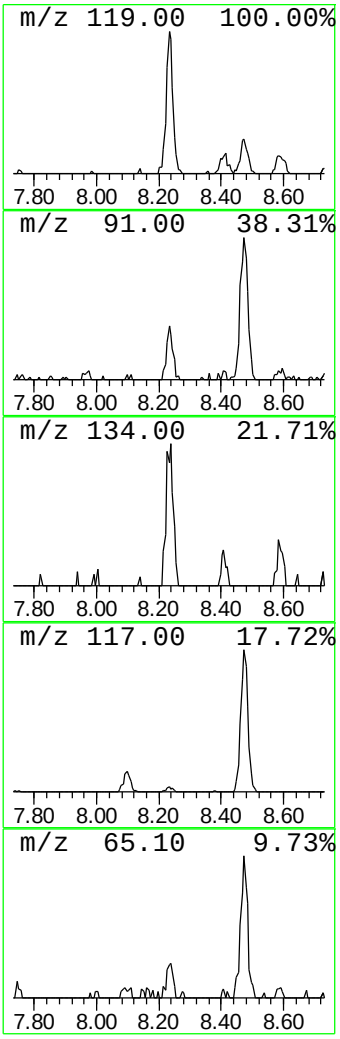
****

Peak Number 3 o-Cymene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	2.07 ng/ul	41322	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	p-Cymene	134	C10H14	000099-87-6	86
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG101420\
Data File : BG046899.D
Acq On : 14 Oct 2020 19:07
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Sample : L4360-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

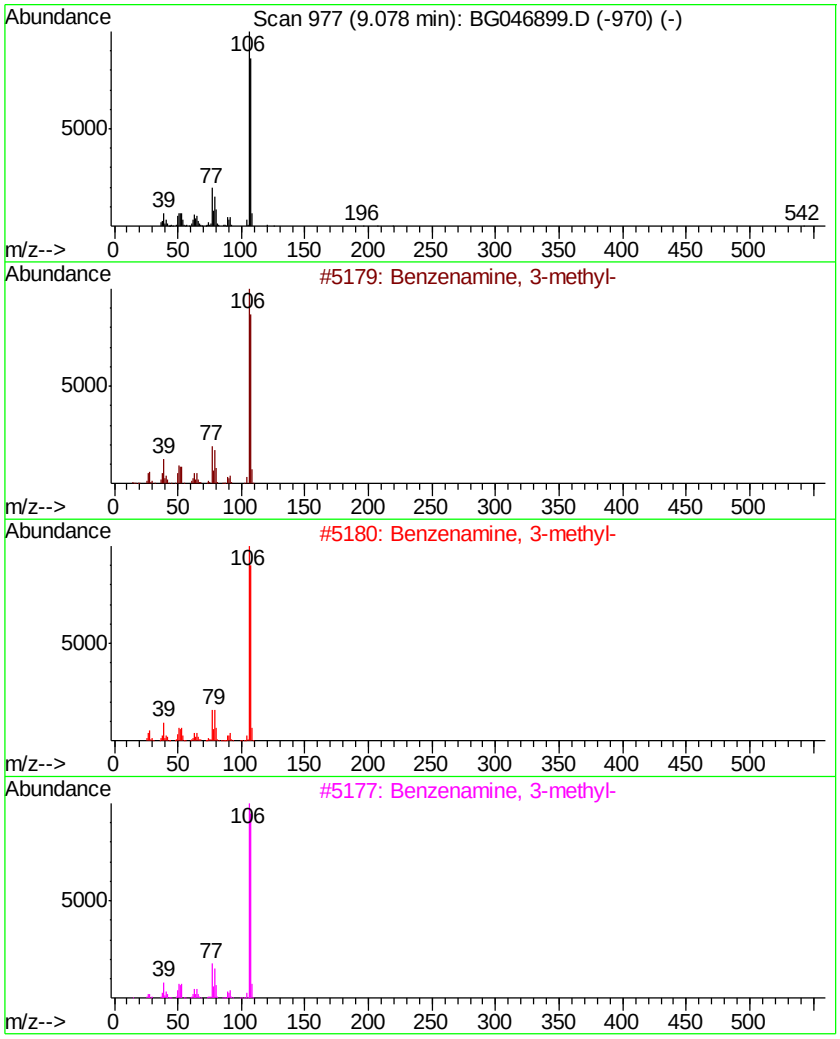
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

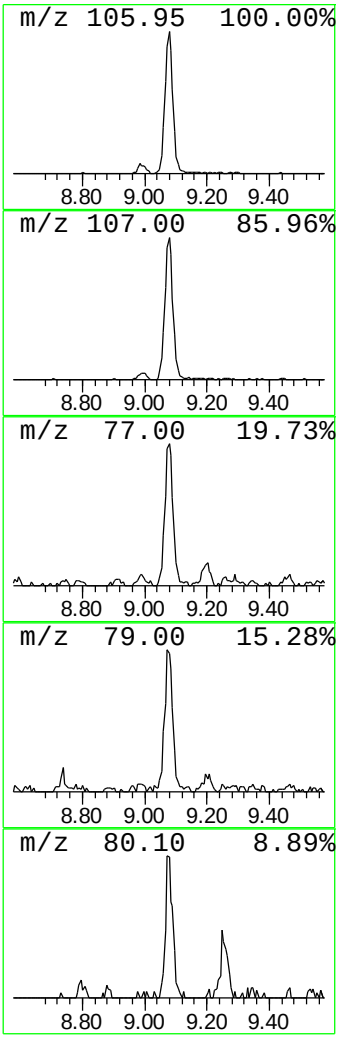
****

Peak Number 5 Benzenamine, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	15.71 ng/ul	313983	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	94
5	o-Toluidine	107	C7H9N	000095-53-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG101420\
Data File : BG046899.D
Acq On : 14 Oct 2020 19:07
Operator : CG/JU
Sample : L4360-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

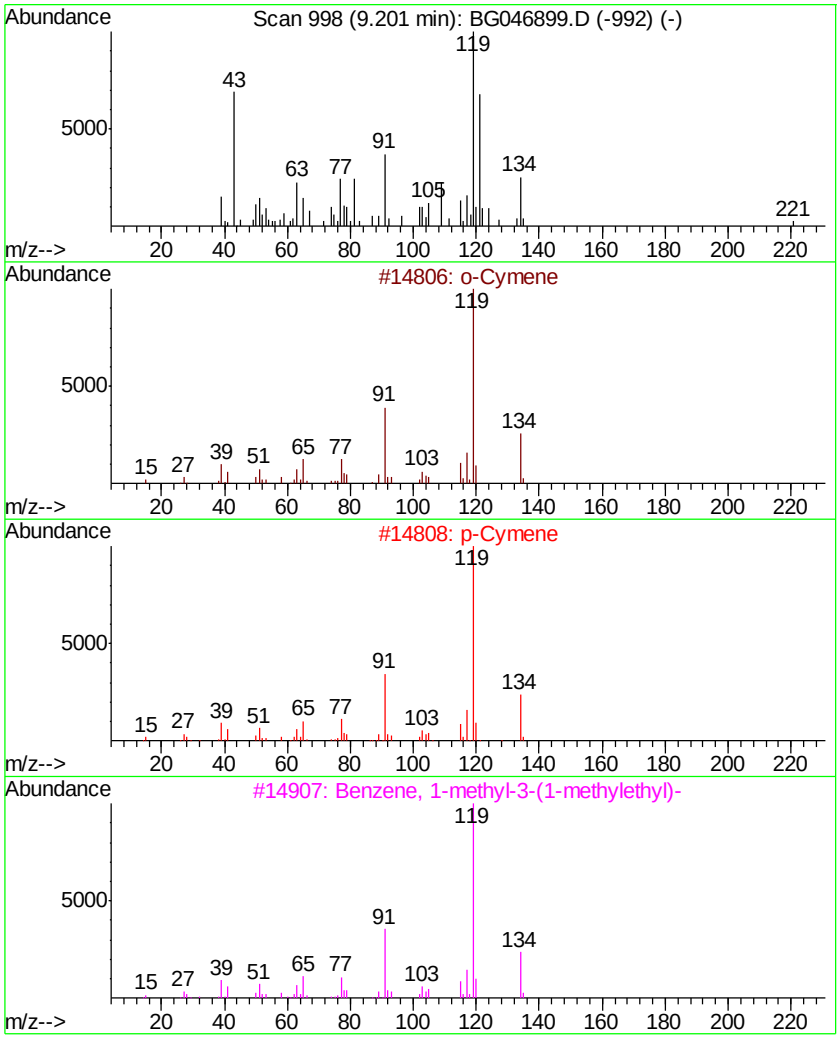
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

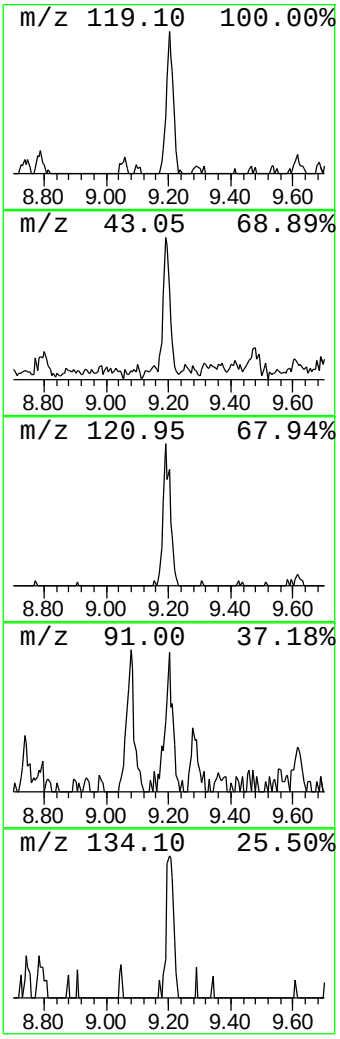
****

Peak Number 6 p-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	3.31 ng/ul	66196	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	p-Cymene	134	C10H14	000099-87-6	92
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	o-Cymene	134	C10H14	000527-84-4	86
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70





Library Search Compound Report

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Acq On : 14 Oct 2020 19:07
Operator : CG/JU
Sample : L4360-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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

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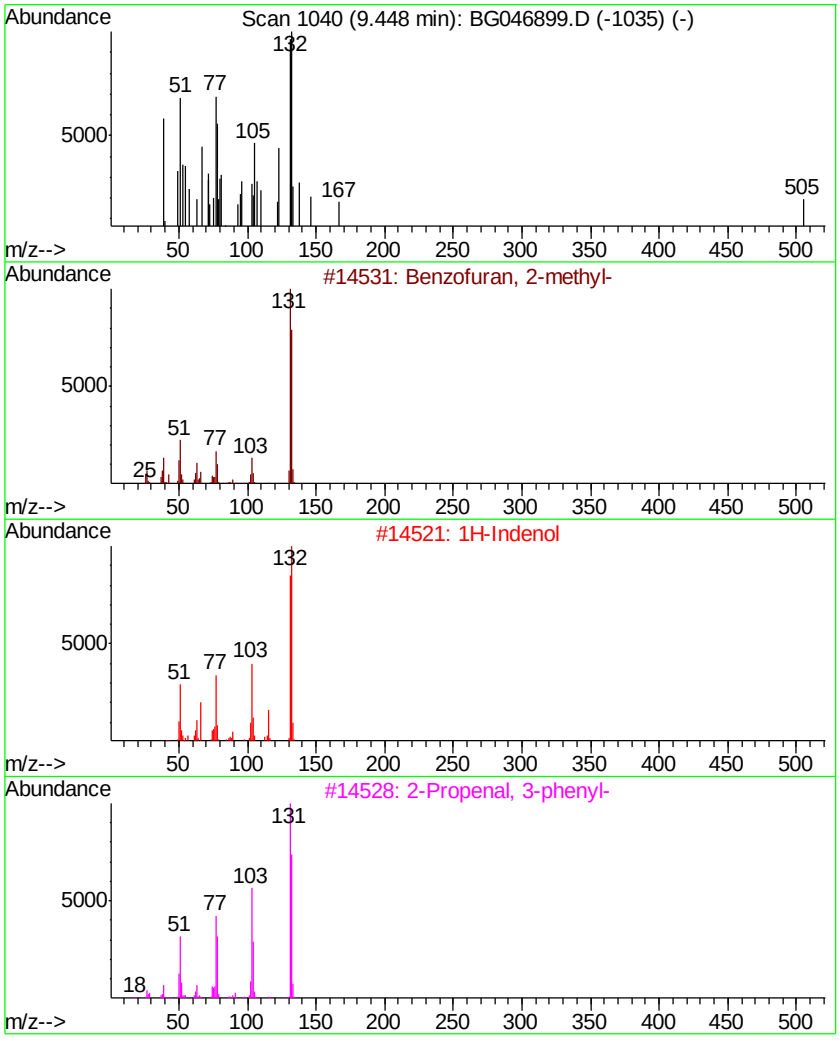
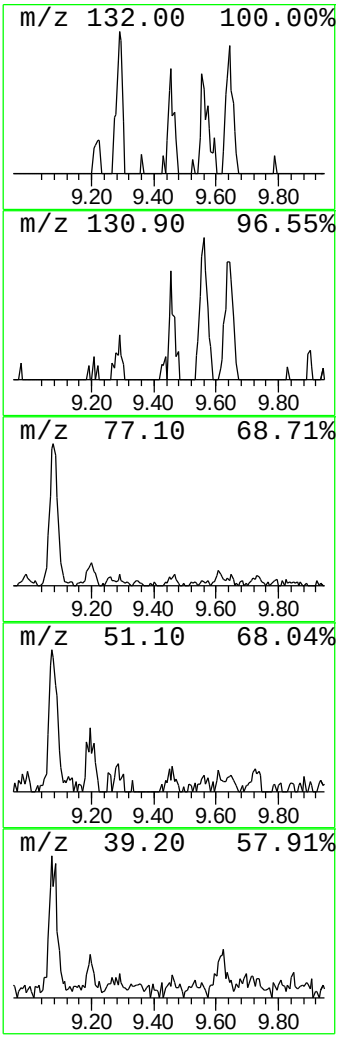
Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	2.08 ng/ul	41501	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	50
2	1H-Indenol	132	C9H8O	056631-57-3	38
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	38
4	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	38
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	38





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Instrument : BNA_G
ClientSampleId : CB7W4

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Quant Title : SVOA CALIBRATION

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

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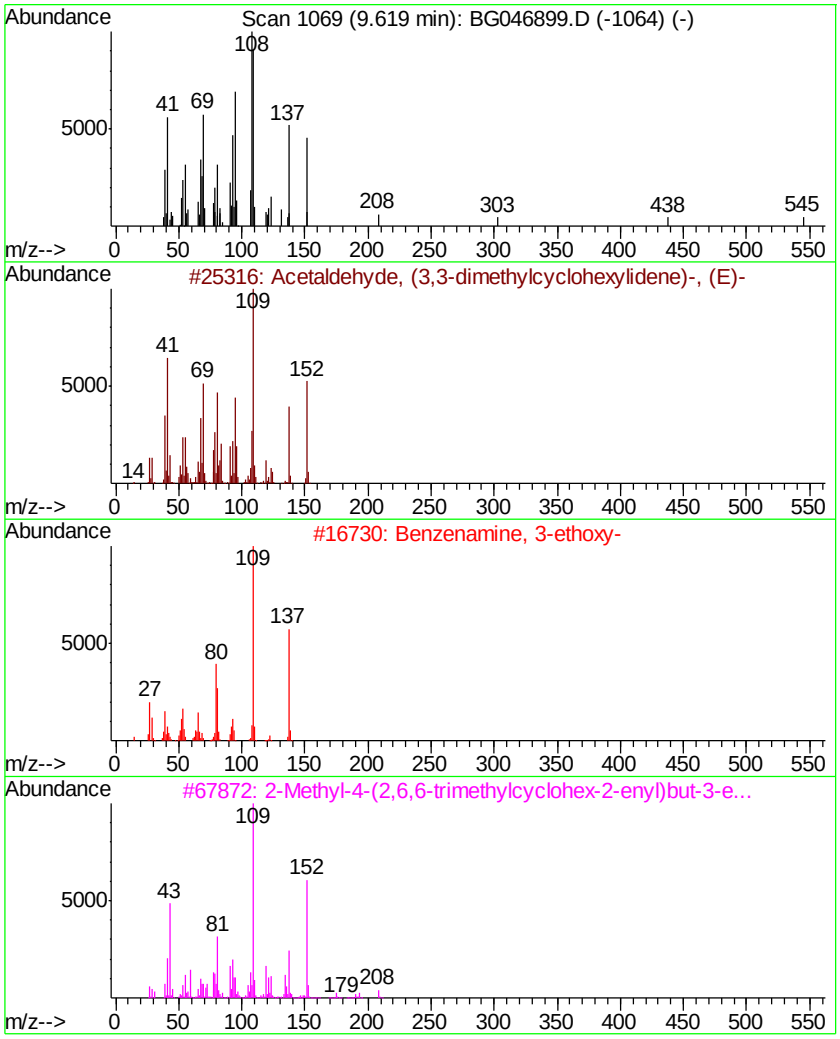
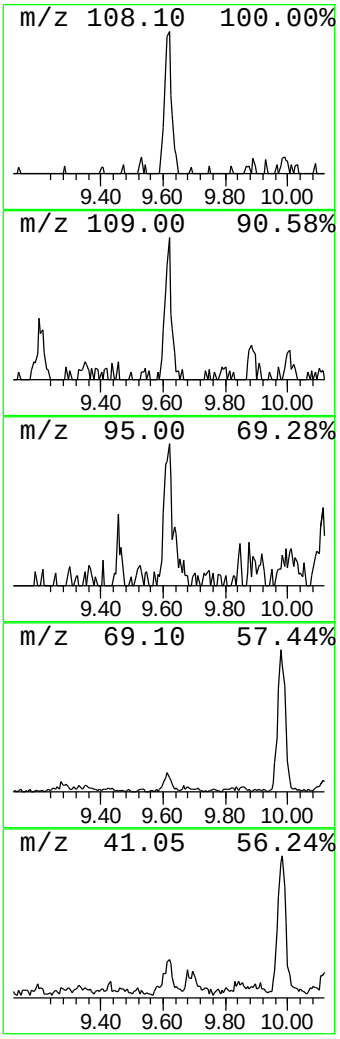
Peak Number 8 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	2.46 ng/ul	66466	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-25-2	43
2	Benzenamine, 3-ethoxy-	137	C8H11NO	000621-33-0	38
3	2-Methyl-4-(2,6,6-trimethylcyclo...	208	C14H24O	056763-65-6	38
4	Tricyclo[2.2.1.0(2,6)]heptan-3-o...	152	C10H16O	062560-53-6	38
5	1-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	000432-25-7	30





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Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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

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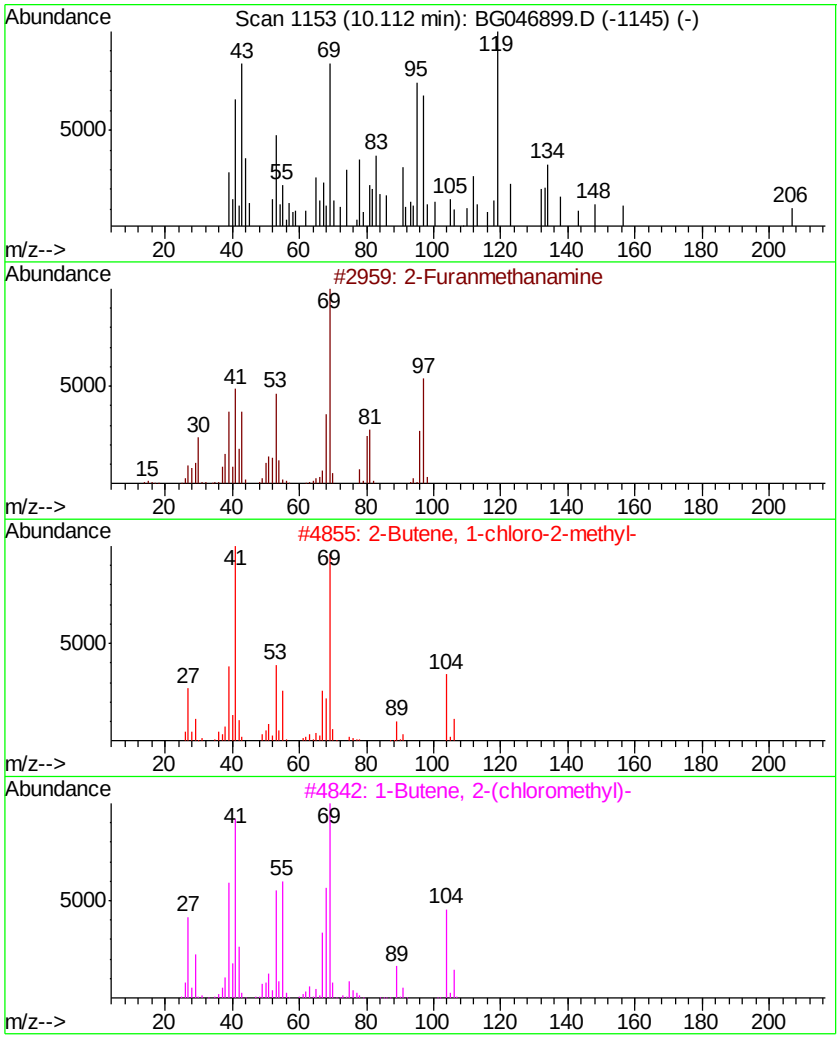
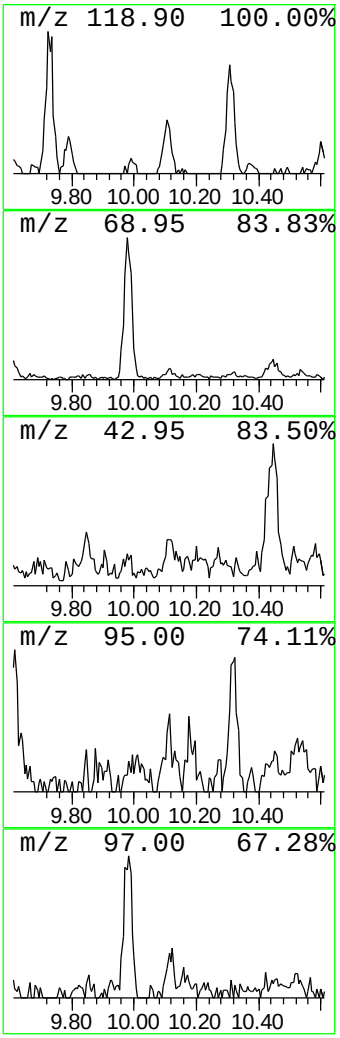
Peak Number 9 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	2.09 ng/ul	56575	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furanmethanamine	97	C5H7NO	000617-89-0	32
2	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	25
3	1-Butene, 2-(chloromethyl)-	104	C5H9Cl	023010-02-8	17
4	2-Pentene, 4-chloro-	104	C5H9Cl	001458-99-7	17
5	1-Butene, 2-(chloromethyl)-	104	C5H9Cl	023010-02-8	17





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Acq On : 14 Oct 2020 19:07
Operator : CG/JU
Sample : L4360-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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

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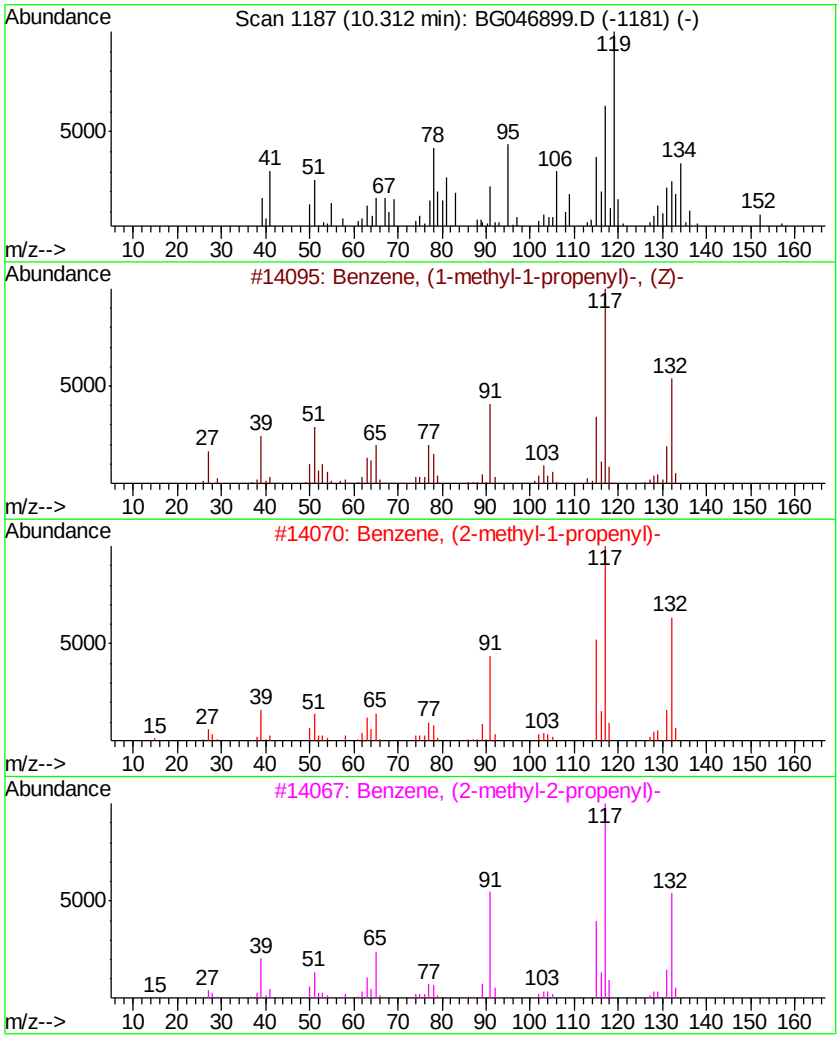
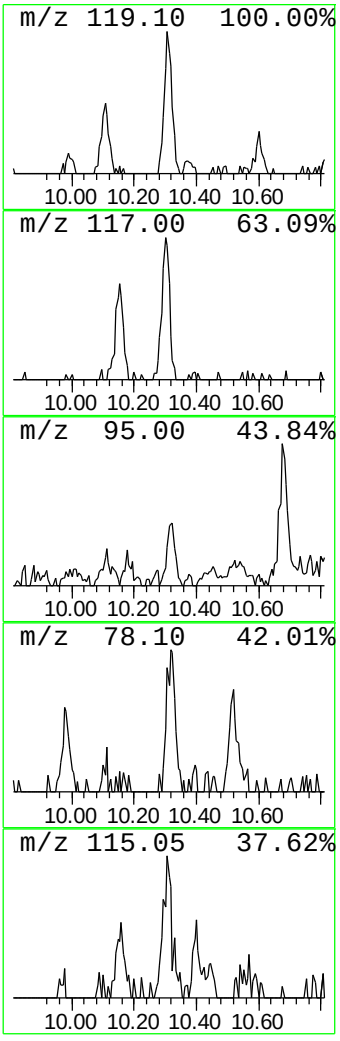
Peak Number 10 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	3.22 ng/ul	87149	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	46
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	46
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	46
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	46
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	46





Library Search Compound Report

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Acq On : 14 Oct 2020 19:07
Operator : CG/JU
Sample : L4360-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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

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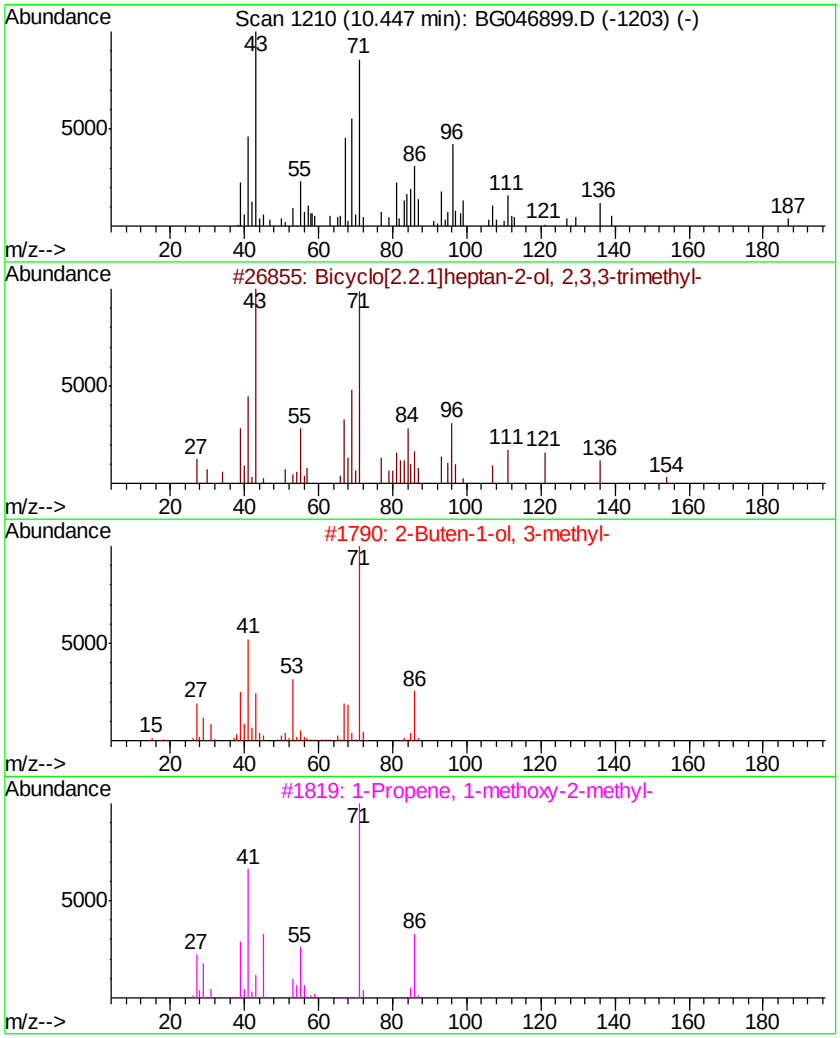
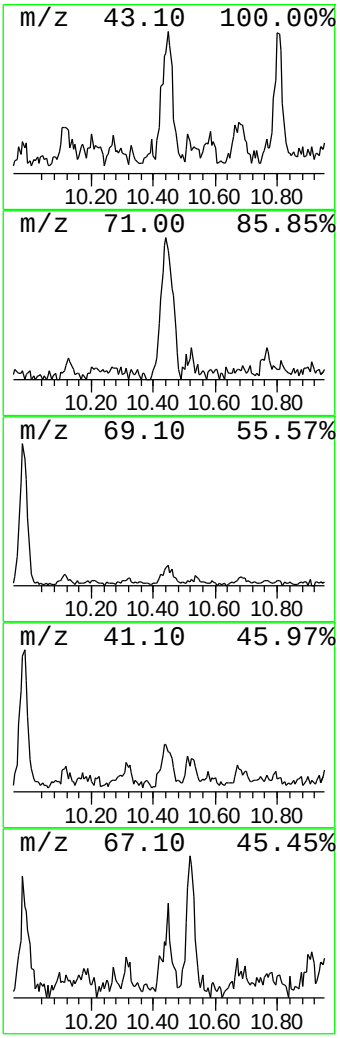
Peak Number 11 unknown-04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	3.61 ng/ul	97794	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	47
2	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	35
3	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	27
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	27
5	Sulfurous acid, pentyl tridecyl ...	334	C18H38O3S	1000309-14-6	27





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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

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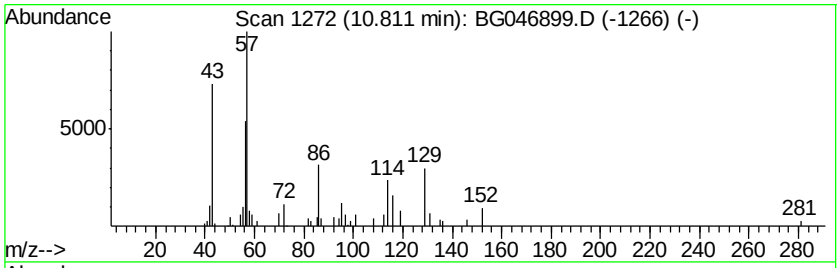
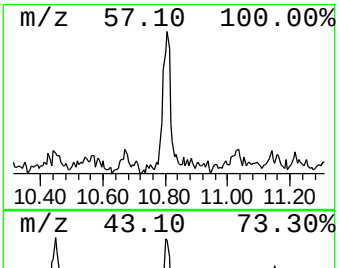
Peak Number 12 Morpholine, 4-acetyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	2.26 ng/ul	61242	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-acetyl-	129	C6H11NO2	001696-20-4	93
2	Morpholine, 4-acetyl-	129	C6H11NO2	001696-20-4	81
3	Morpholine, 4-acetyl-	129	C6H11NO2	001696-20-4	80
4	Morpholine, 4-nitroso-	116	C4H8N2O2	000059-89-2	38
5	Morpholine	87	C4H9NO	000110-91-8	32





Library Search Compound Report

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Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

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Quant Title : SVOA CALIBRATION

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

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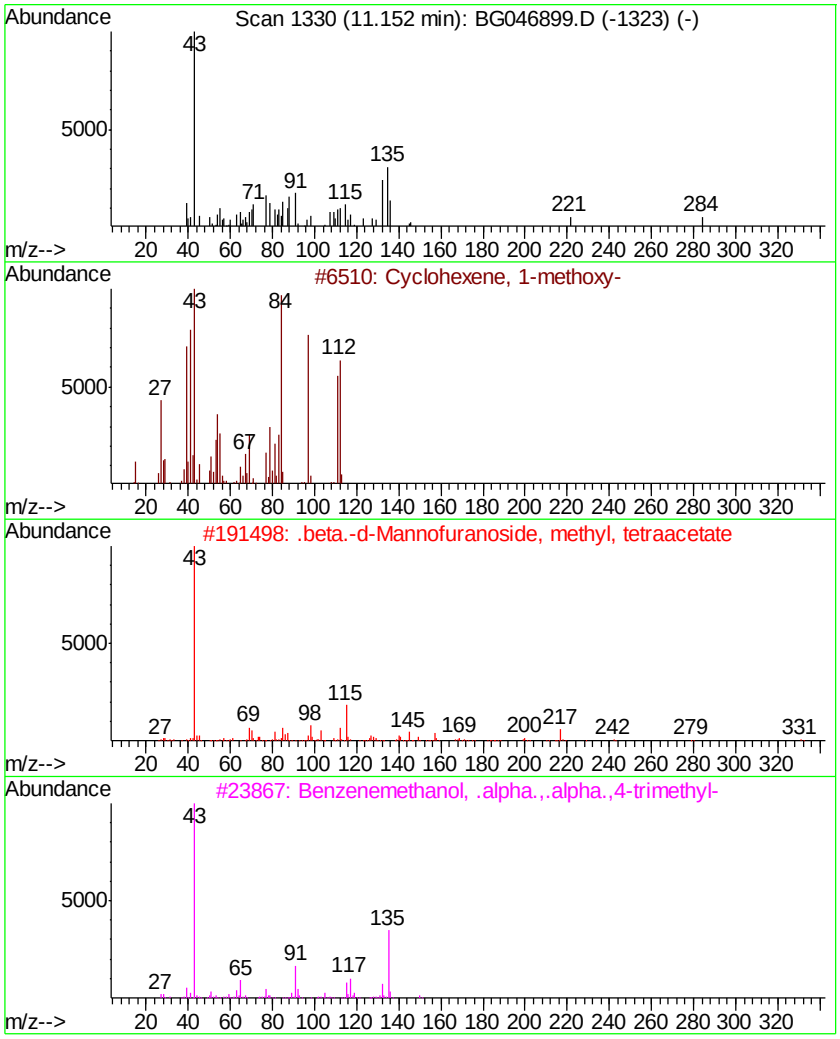
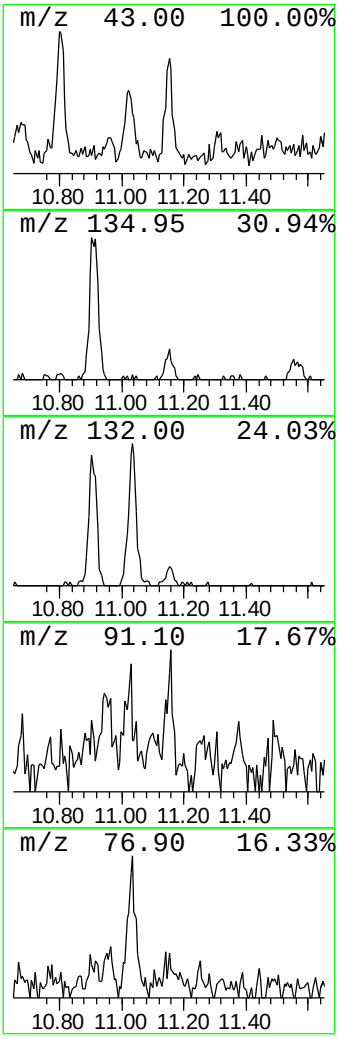
Peak Number 13 unknown-05 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	2.28 ng/ul	61690	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methoxy-	112	C7H12O	000931-57-7	9
2	.beta.-d-Mannofuranoside, methyl...	362	C15H22O10	024916-40-3	9
3	Benzenemethanol, .alpha.,.alpha....	150	C10H14O	001197-01-9	9
4	Dichloroacetic acid, decyl ester	268	C12H22Cl2O2	083005-00-9	9
5	Cyclohexane, 1R-acetamido-2cis,4...	298	C12H18N4O5	1000153-73-5	9





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Instrument : BNA_G
ClientSampleId : CB7W4

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Quant Title : SVOA CALIBRATION

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

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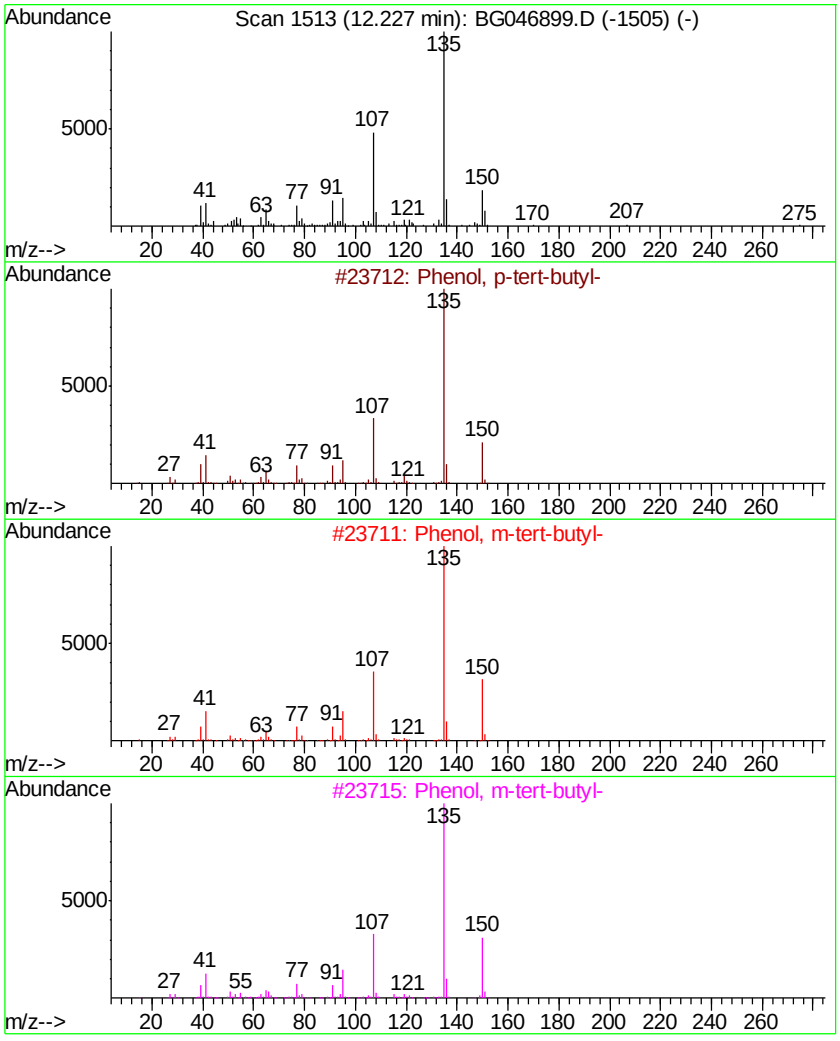
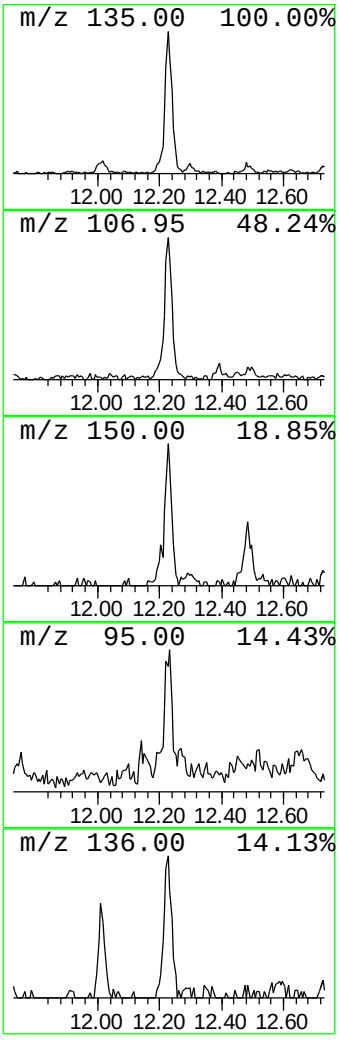
Peak Number 14 Phenol, p-tert-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	6.56 ng/ul	177589	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	91
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	87
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	86
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	74
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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

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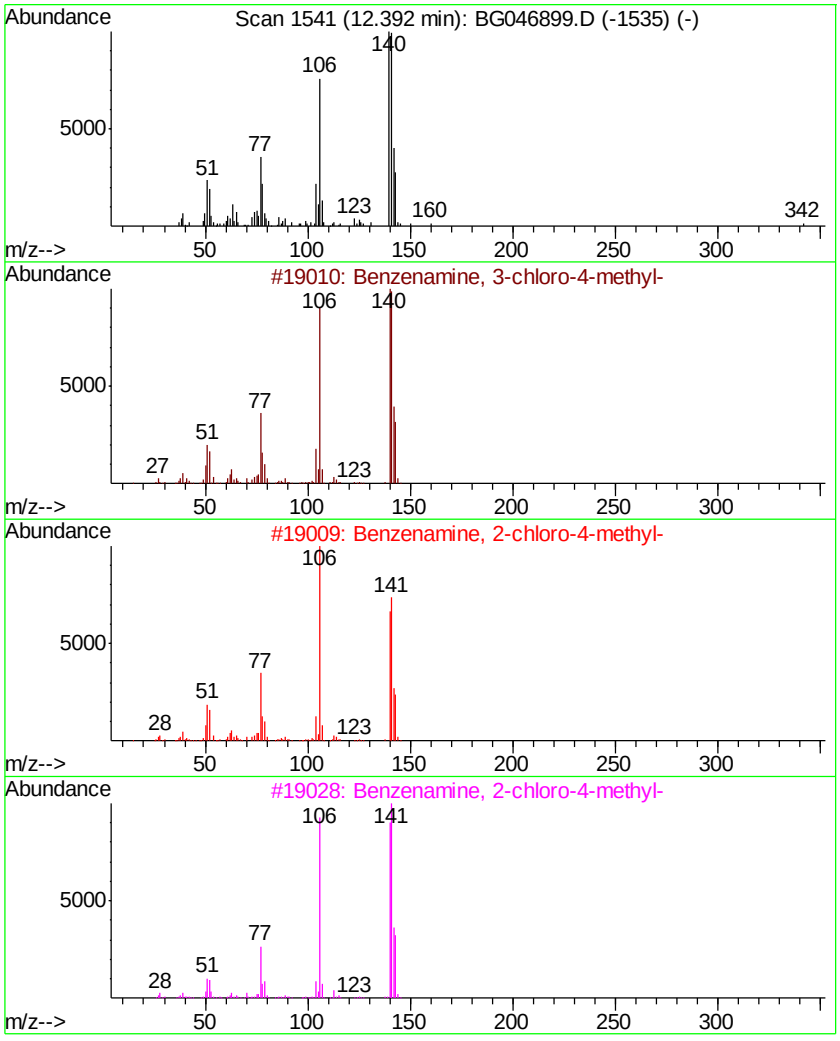
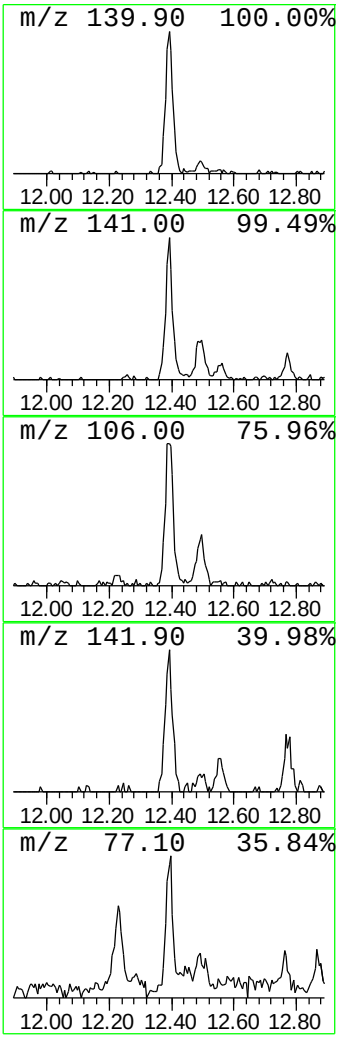
Peak Number 15 Benzenamine, 3-chloro-4-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	5.12 ng/ul	138659	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	95
2	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	93
3	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	90
4	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	68
5	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	62





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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

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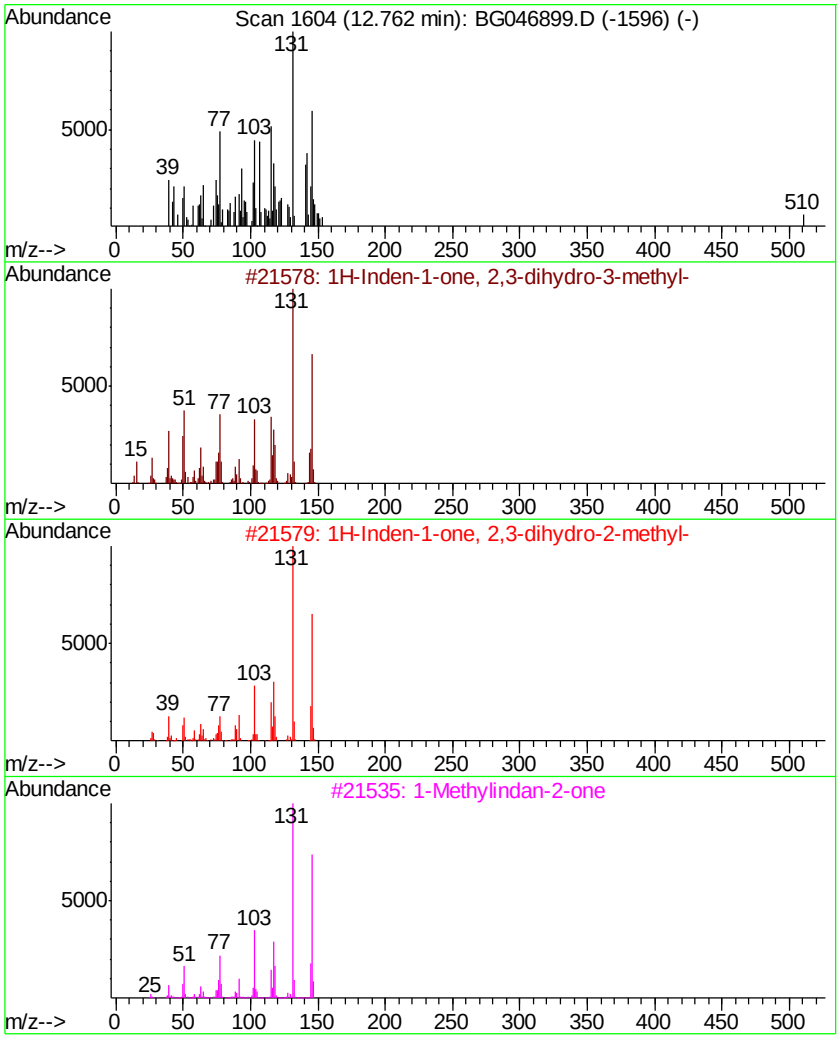
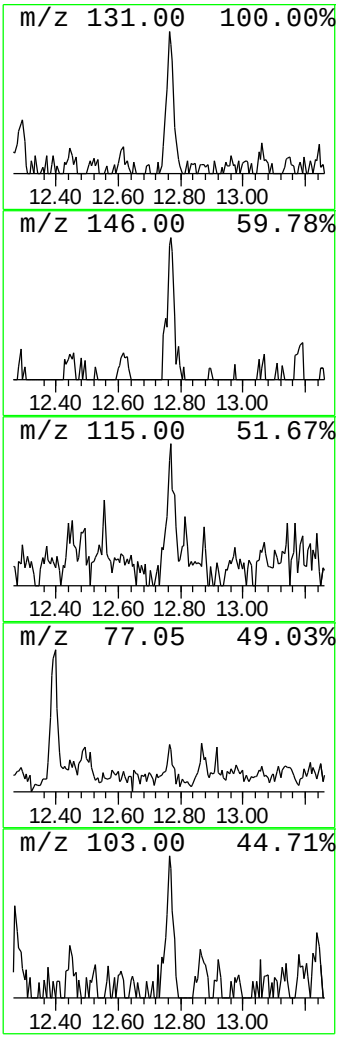
Peak Number 16 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	2.51 ng/ul	67930	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	55
2	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	43
3	1-Methylindan-2-one	146	C10H10O	035587-60-1	38
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	35
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	27





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

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Quant Title : SVOA CALIBRATION

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

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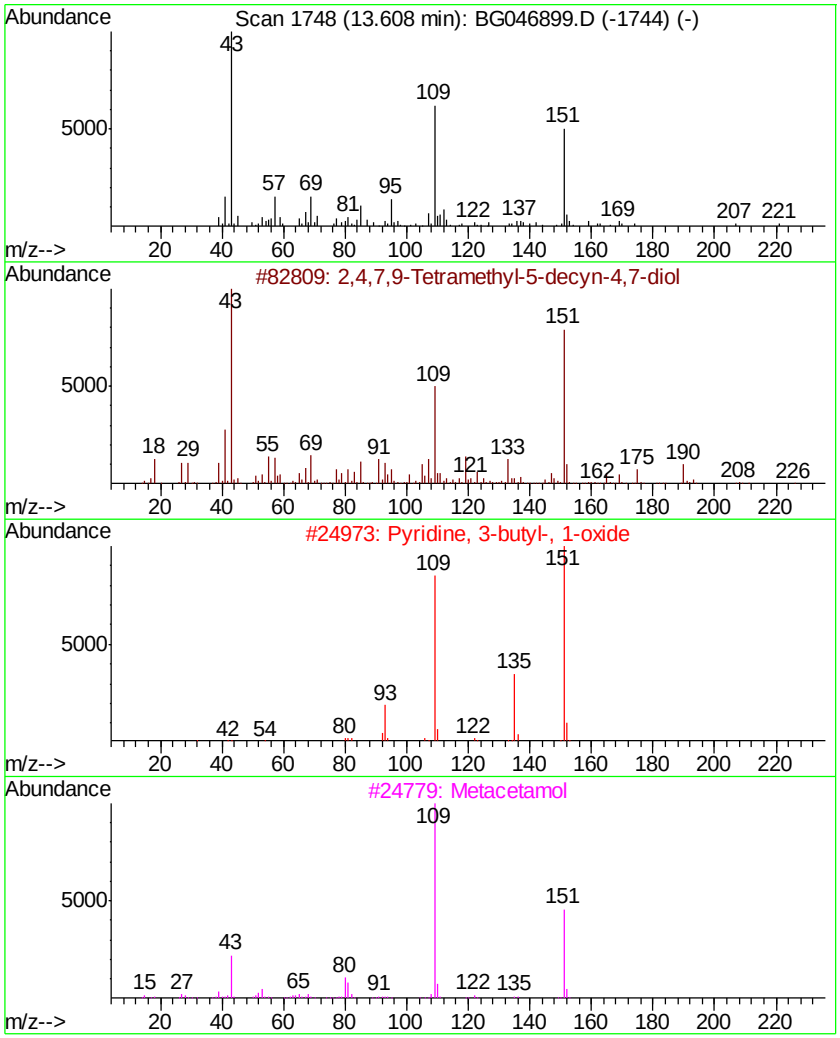
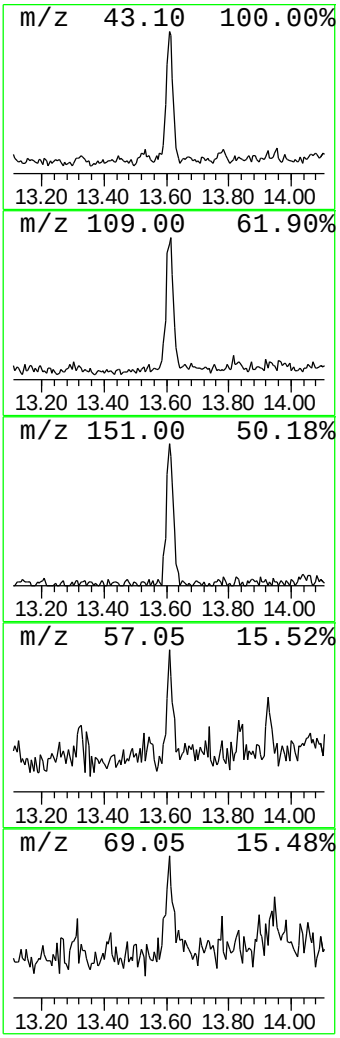
Peak Number 17 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	2.88 ng/ul	115476	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	64
2	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	52
3	Metacetamol	151	C8H9NO2	000621-42-1	52
4	1,4 Benzodioxan-6-amine	151	C8H9NO2	022013-33-8	30
5	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	27





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Sample : L4360-03
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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

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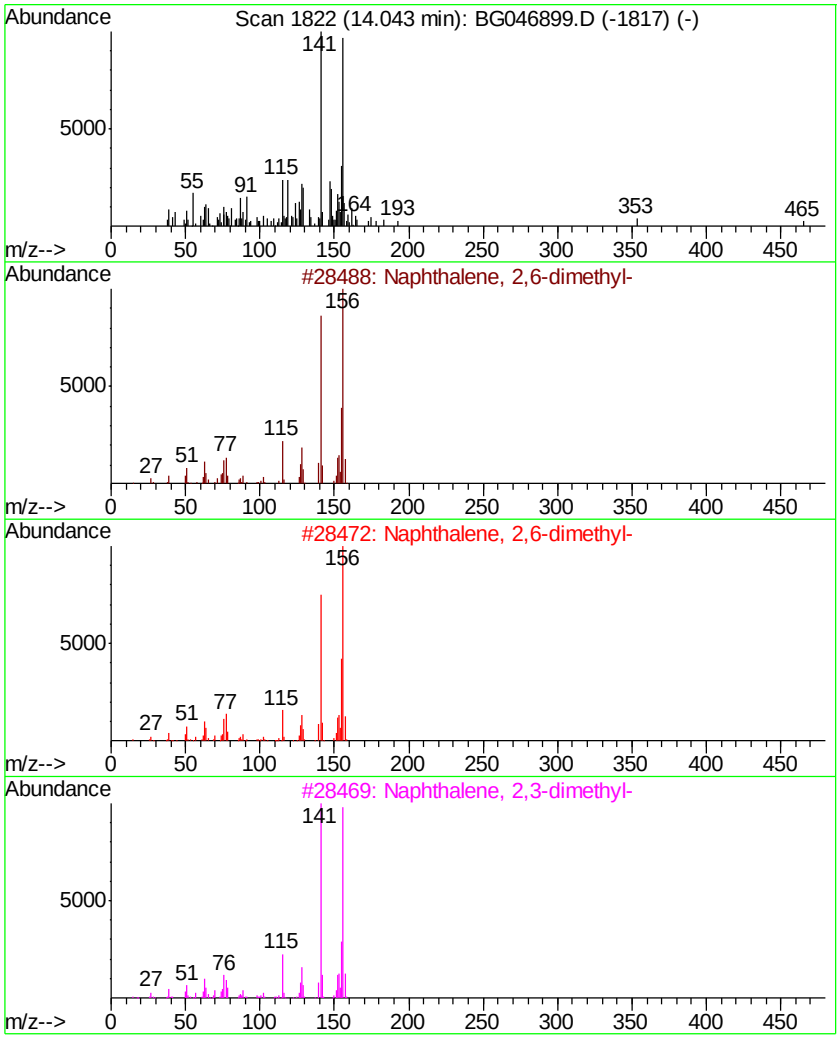
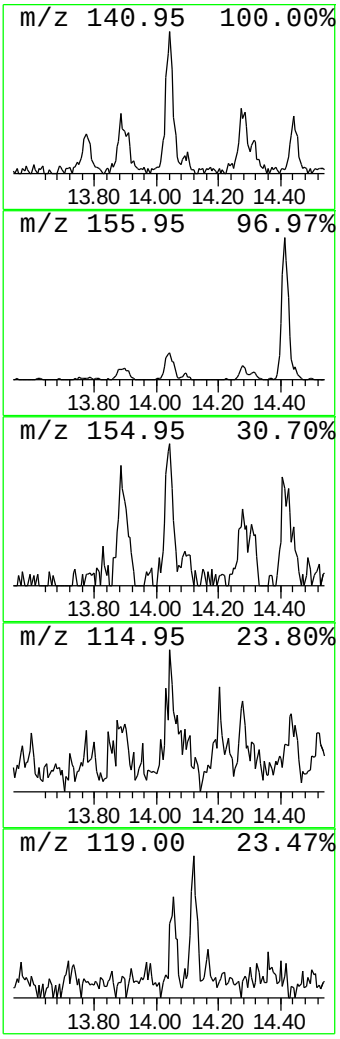
Peak Number 18 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.75 ng/ul	110294	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	92
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	86
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	86
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	86
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86





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Acq On : 14 Oct 2020 19:07
Operator : CG/JU
Sample : L4360-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

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Quant Title : SVOA CALIBRATION

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

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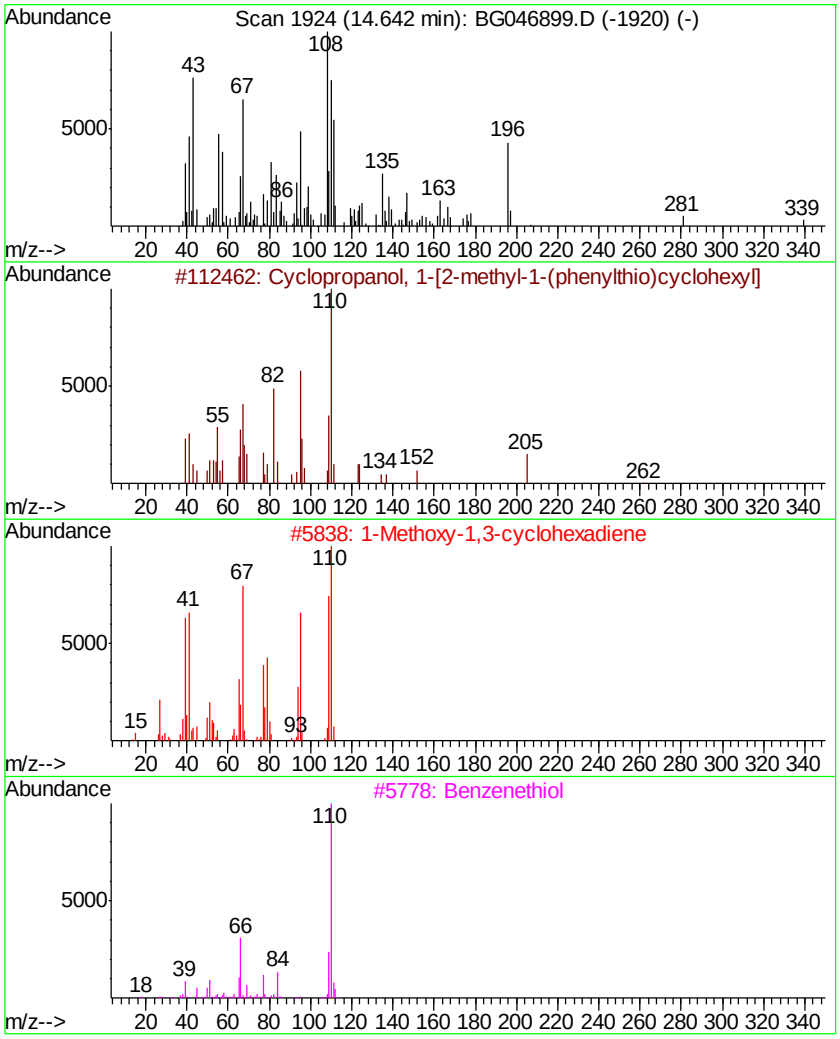
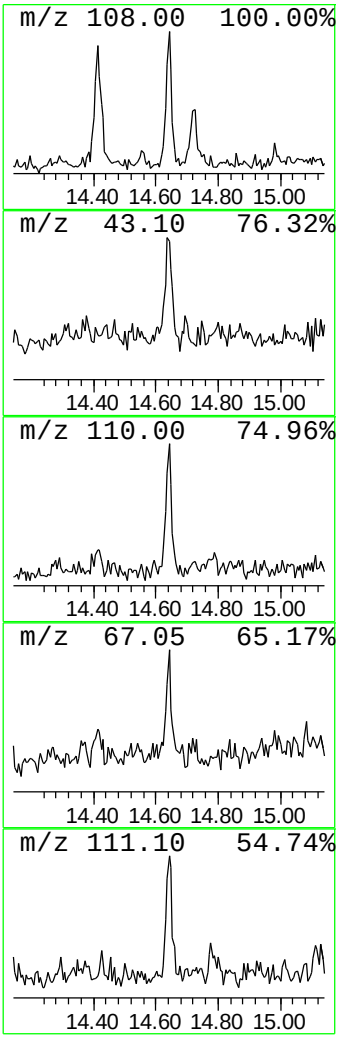
Peak Number 19 unknown-06 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.26 ng/ul	90896	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanol, 1-[2-methyl-1-(ph...	262	C16H22OS	074231-52-0	37
2	1-Methoxy-1,3-cyclohexadiene	110	C7H10O	002161-90-2	27
3	Benzenethiol	110	C6H6S	000108-98-5	25
4	4,5-Heptadien-2-ol, 3,3,6-trimet...	154	C10H18O	060432-69-1	15
5	2-Norbornanemethanol, pentafluor...	272	C11H13F5O2	1000376-17-5	12





Library Search Compound Report

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Operator : CG/JU
Sample : L4360-03
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

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Quant Title : SVOA CALIBRATION

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

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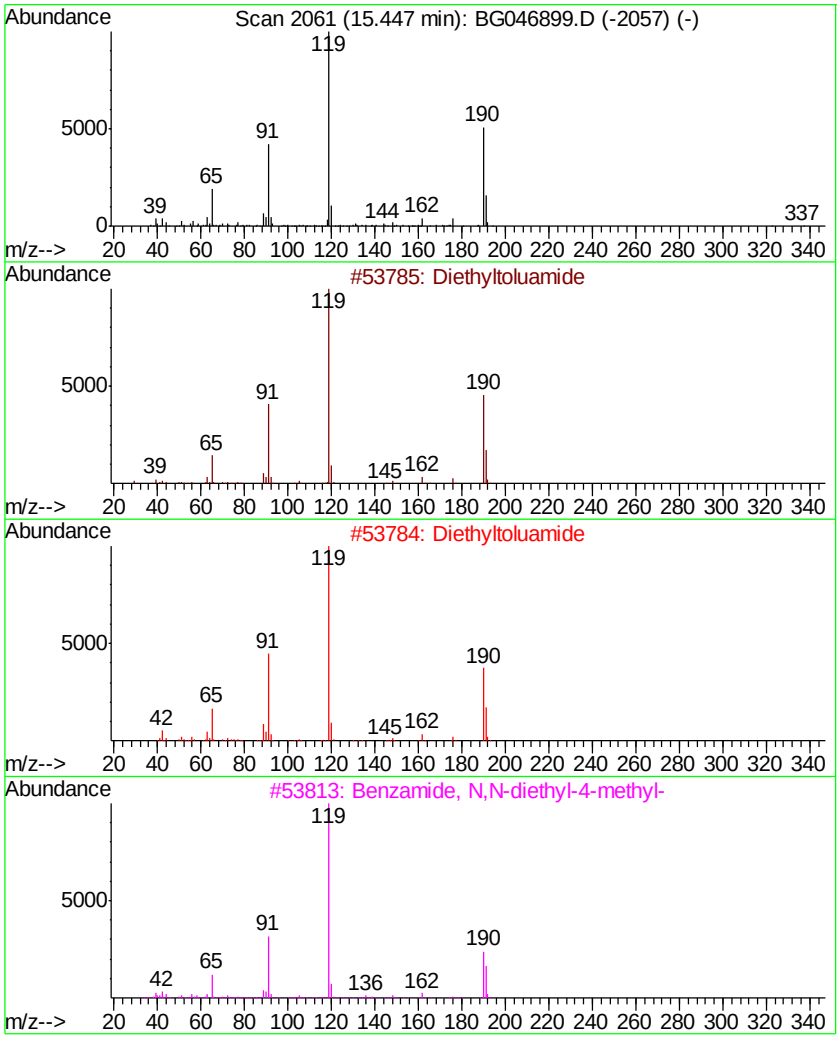
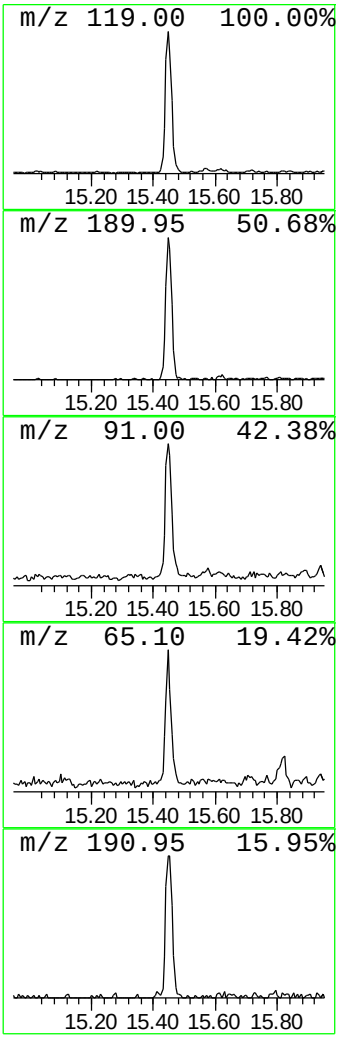
Peak Number 20 Diethyltoluamide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	6.26 ng/ul	251185	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	93
3	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	81
4	N-Isopropyl-p-toluamide	177	C11H15NO	002144-17-4	53
5	3-Methylbenzoyl isothiocyanate	177	C9H7NOS	028115-86-8	50





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Instrument : BNA_G
ClientSampleId : CB7W4

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Quant Title : SVOA CALIBRATION

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

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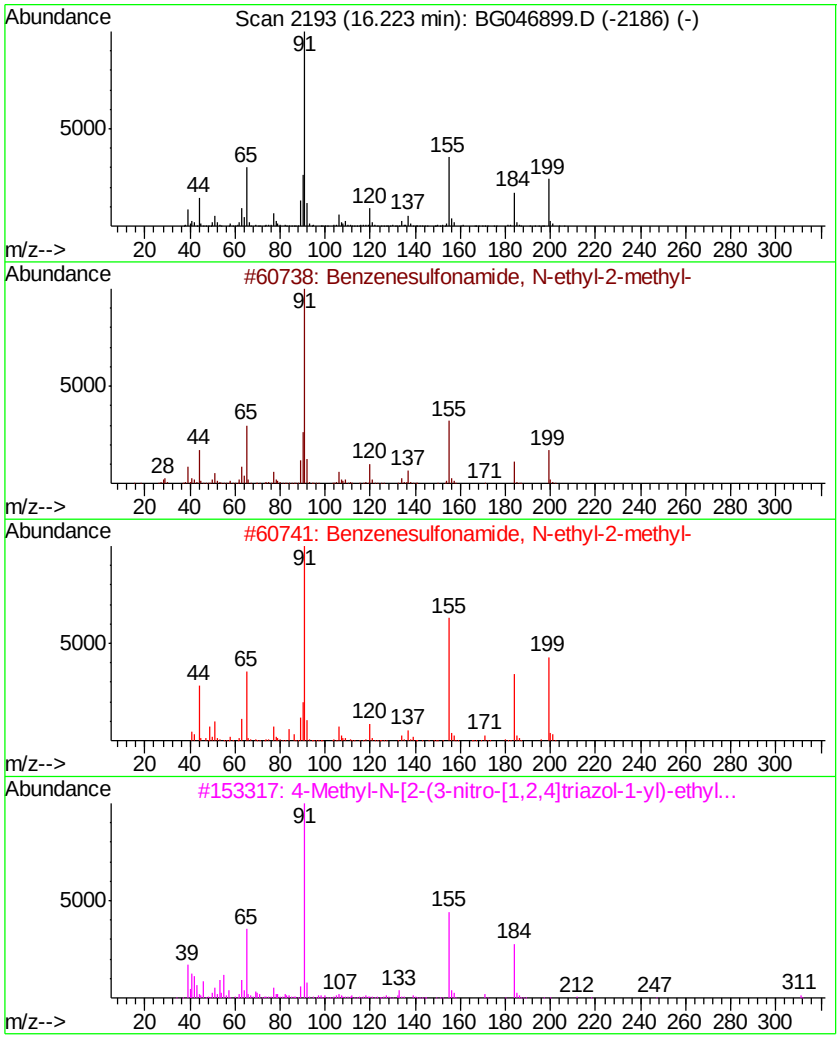
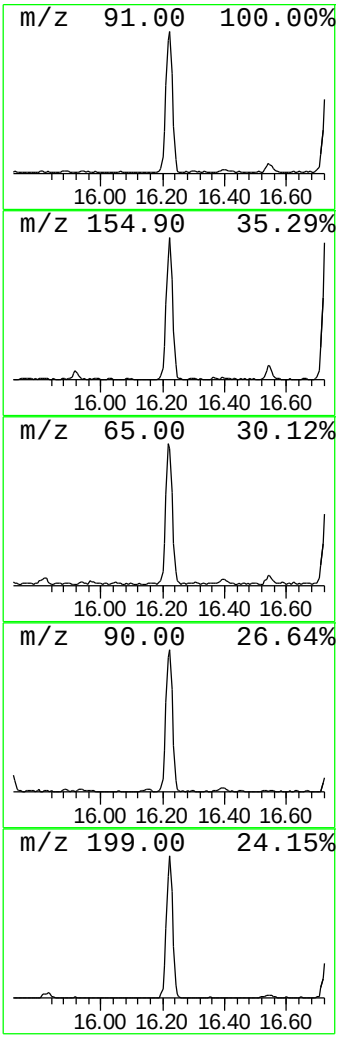
Peak Number 21 Benzenesulfonamide, N-ethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	20.84 ng/ul	1048470	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	97
2	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	70
3	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	50
4	p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	47
5	1-Toluenesulfonylazacyclopropane	197	C9H11NO2S	003634-89-7	43





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Misc :
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Instrument : BNA_G
ClientSampleId : CB7W4

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Quant Title : SVOA CALIBRATION

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

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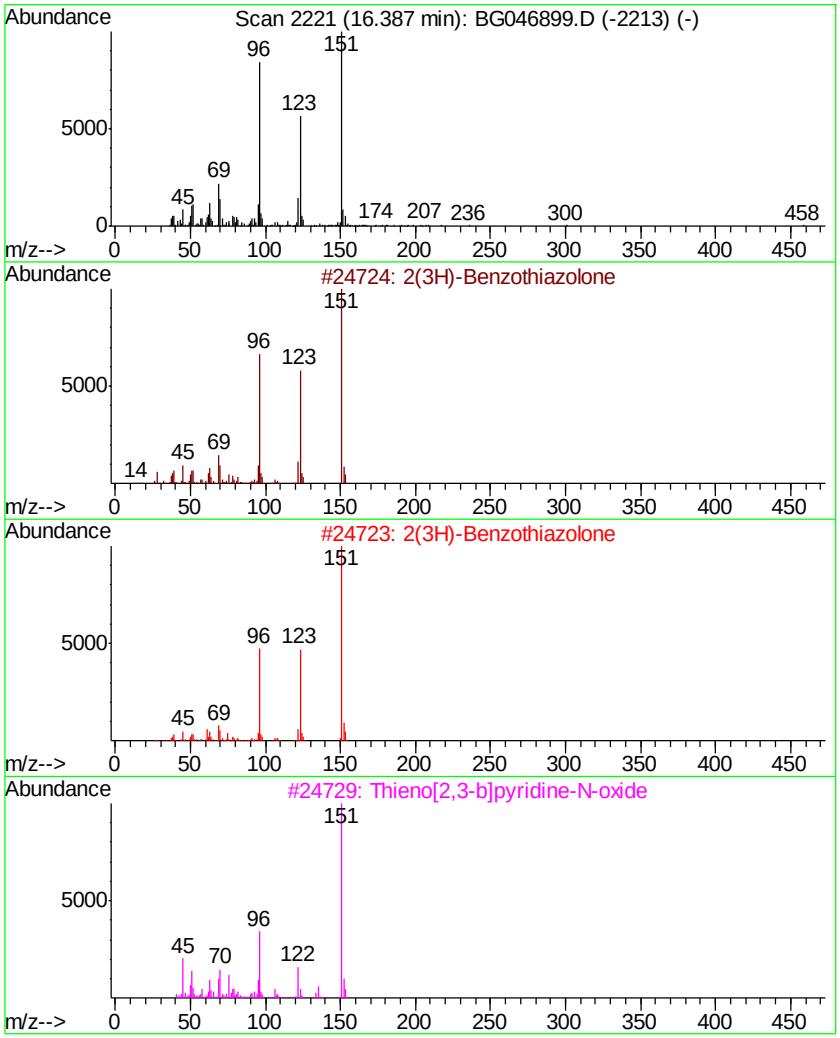
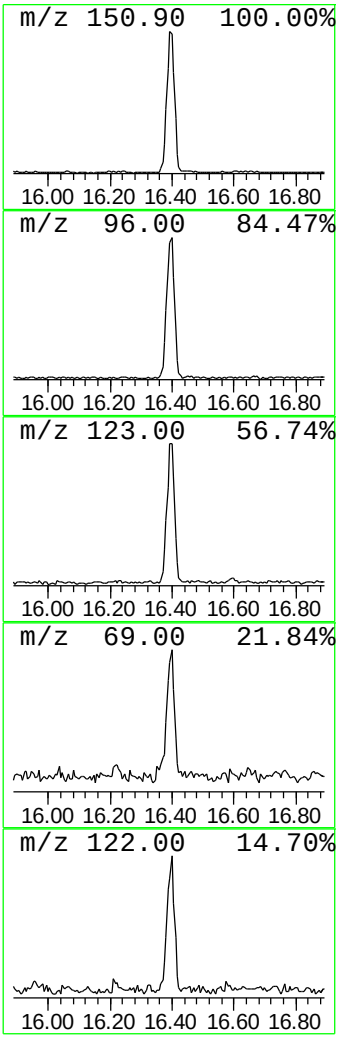
Peak Number 22 2(3H)-Benzothiazolone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	10.89 ng/ul	547796	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	91
3	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	43
4	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	43
5	5-Cyclohexyl-1-pentene	152	C11H20	005729-54-4	42





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ClientSampleId : CB7W4

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Quant Title : SVOA CALIBRATION

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

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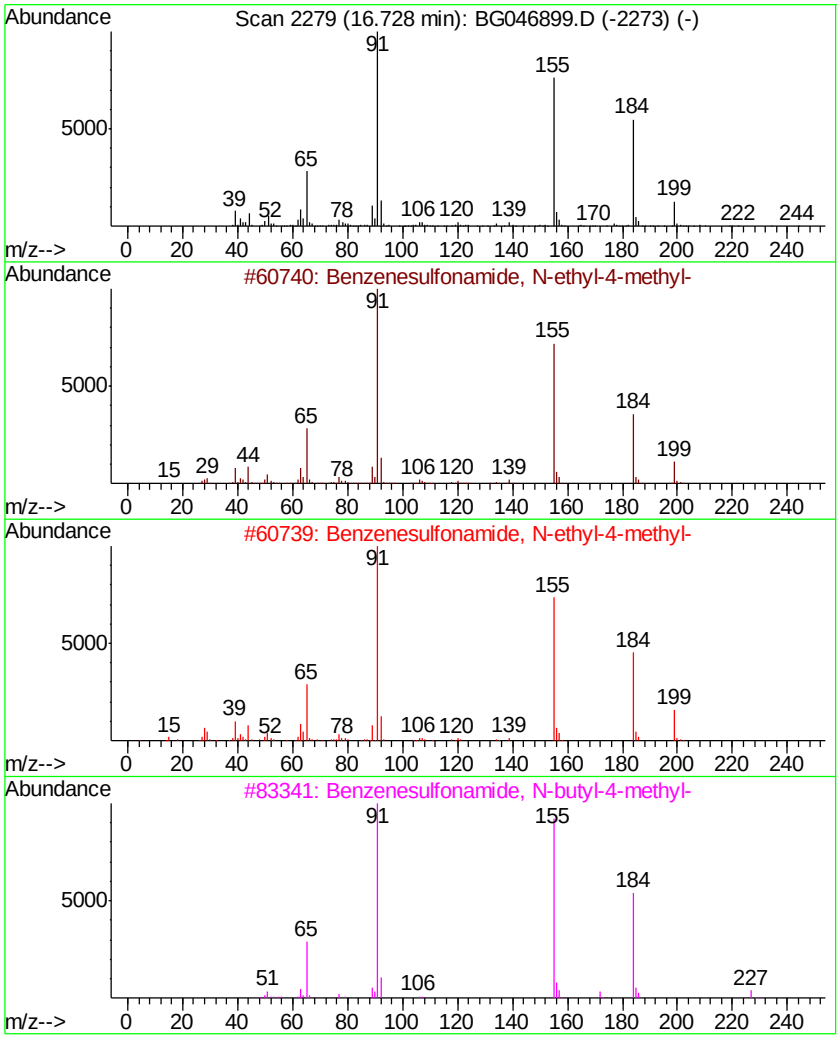
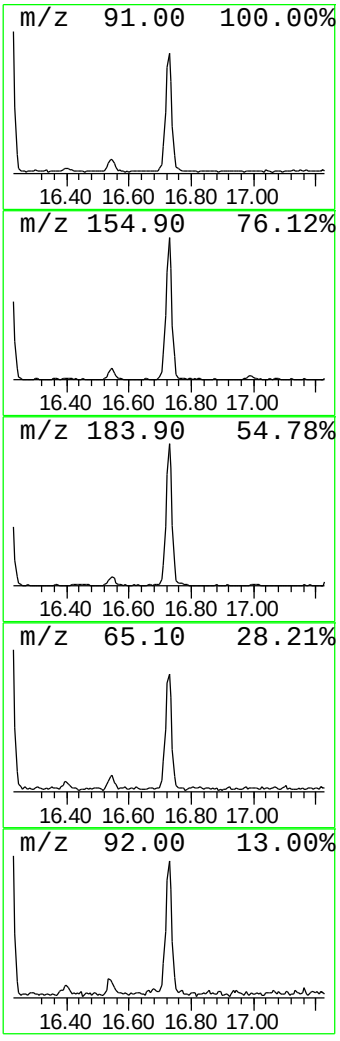
Peak Number 23 Benzenesulfonamide, N-ethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	12.42 ng/ul	625133	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	96
3	Benzenesulfonamide, N-butyl-4-me...	227	C11H17NO2S	001907-65-9	86
4	Furazan-3-carboxylic acid, 4-ami...	325	C12H15N5O4S	1000304-69-4	83
5	4-Methyl-N-(2-oxobutyl)benzenesu...	241	C11H15NO3S	1000192-14-5	83





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Instrument : BNA_G
ClientSampleId : CB7W4

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Quant Title : SVOA CALIBRATION

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

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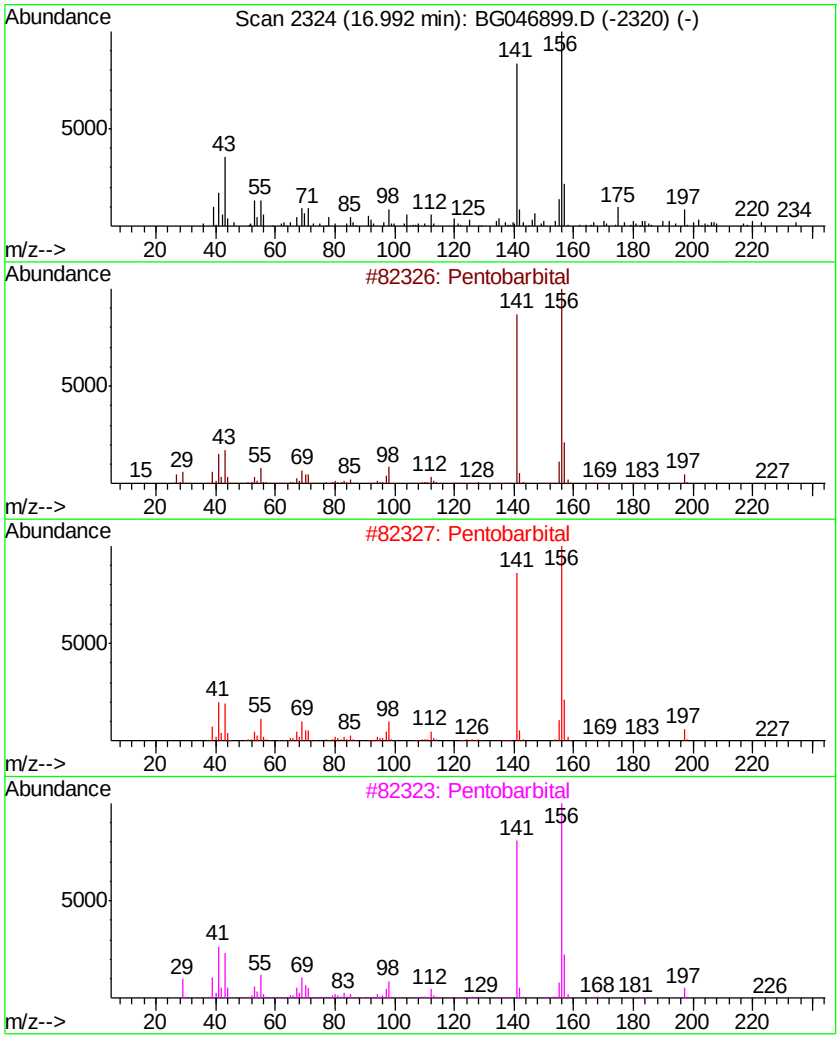
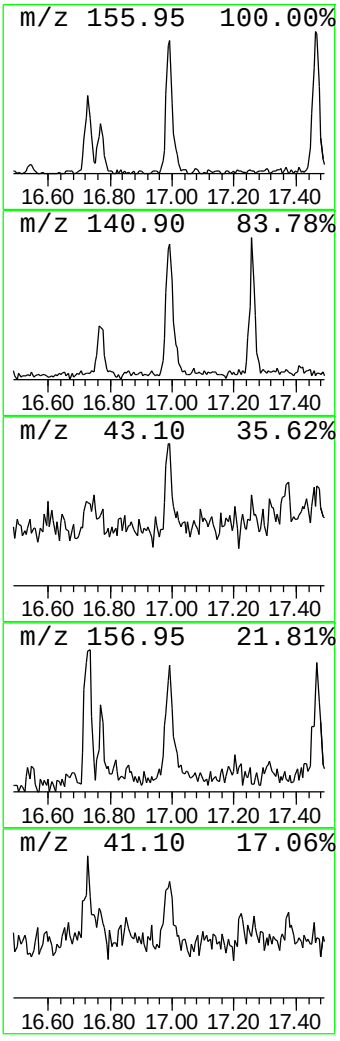
Peak Number 24 Pentobarbital Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	2.51 ng/ul	126480	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentobarbital	226	C11H18N2O3	000076-74-4	87
2	Pentobarbital	226	C11H18N2O3	000076-74-4	86
3	Pentobarbital	226	C11H18N2O3	000076-74-4	80
4	Pentobarbital	226	C11H18N2O3	000076-74-4	78
5	Pentobarbital	226	C11H18N2O3	000076-74-4	78





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Instrument : BNA_G
ClientSampleId : CB7W4

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Quant Title : SVOA CALIBRATION

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

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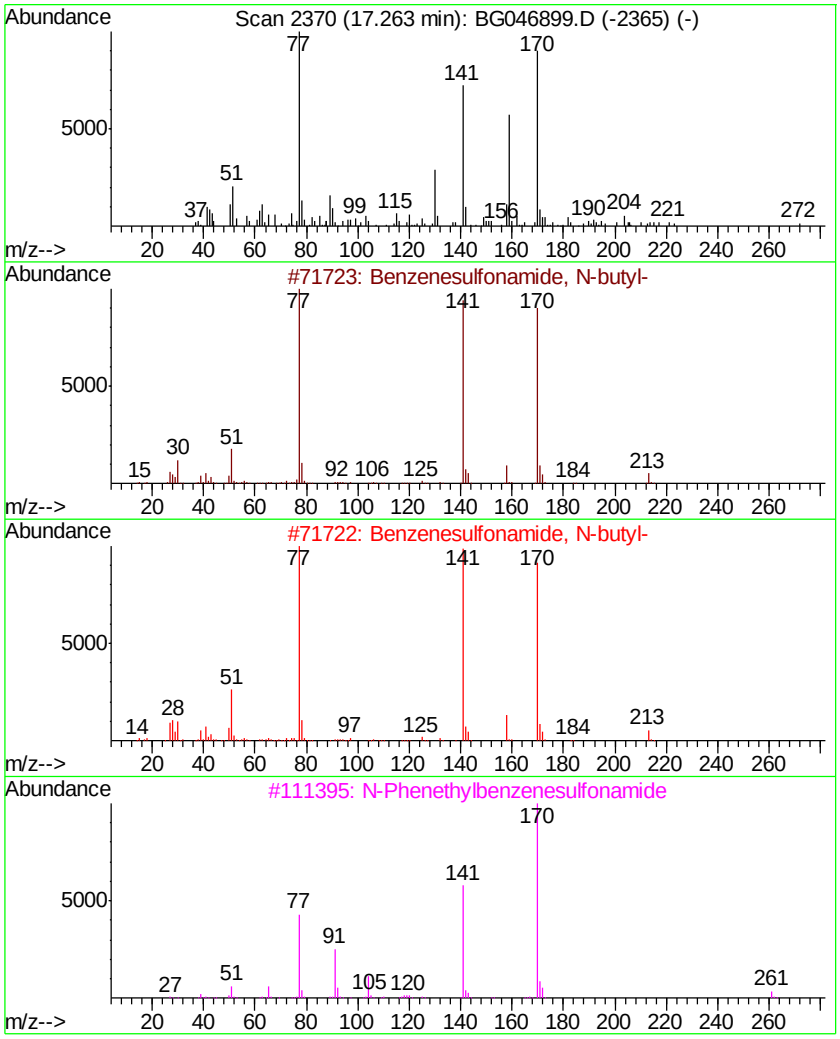
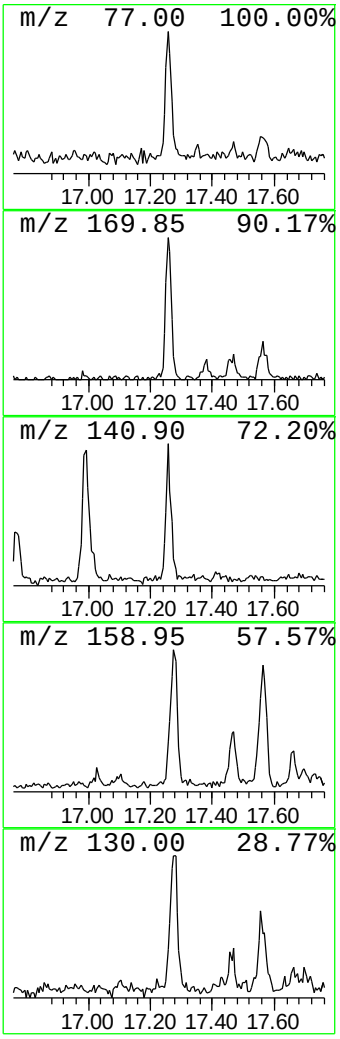
Peak Number 25 Benzenesulfonamide, N-butyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	3.18 ng/ul	159806	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	59
2	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	59
3	N-Phenethylbenzenesulfonamide	261	C14H15NO2S	077198-99-3	42
4	L-Leucine, N-dimethylaminomethyl...	214	C11H22N2O2	1000375-62-5	35
5	di-n-Propylbarbituric acid	212	C10H16N2O3	002217-08-5	27





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Quant Title : SVOA CALIBRATION

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

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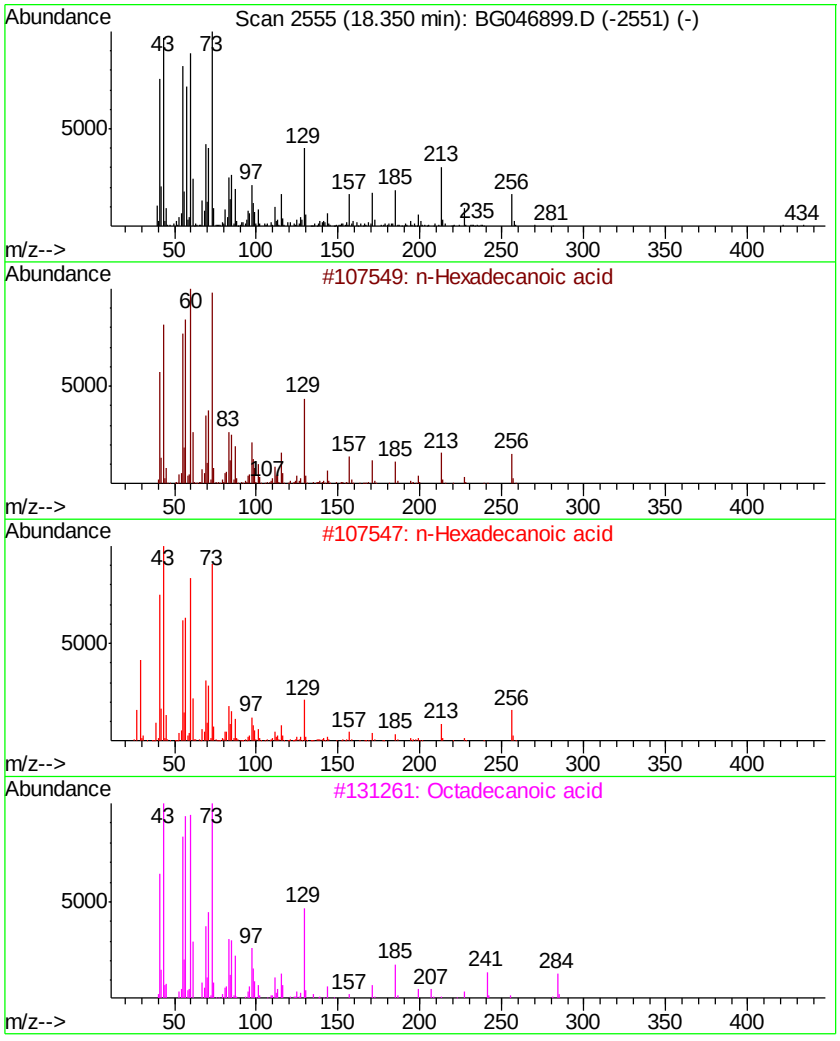
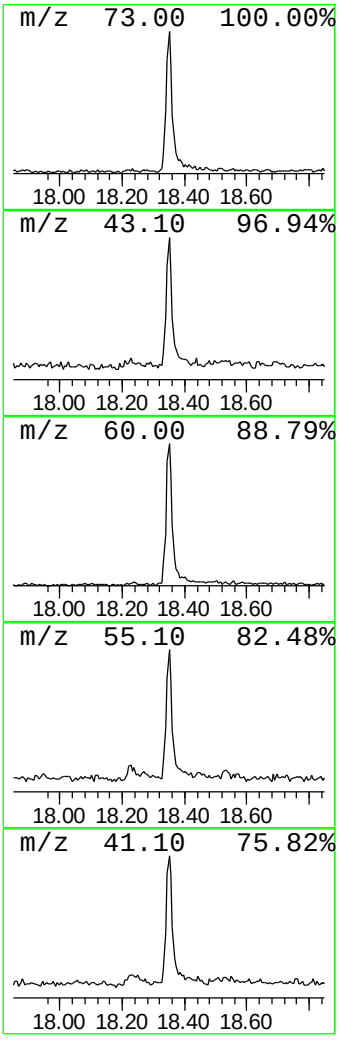
Peak Number 26 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	10.67 ng/ul	536928	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	92
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Misc :
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Instrument : BNA_G
ClientSampleId : CB7W4

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Quant Title : SVOA CALIBRATION

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

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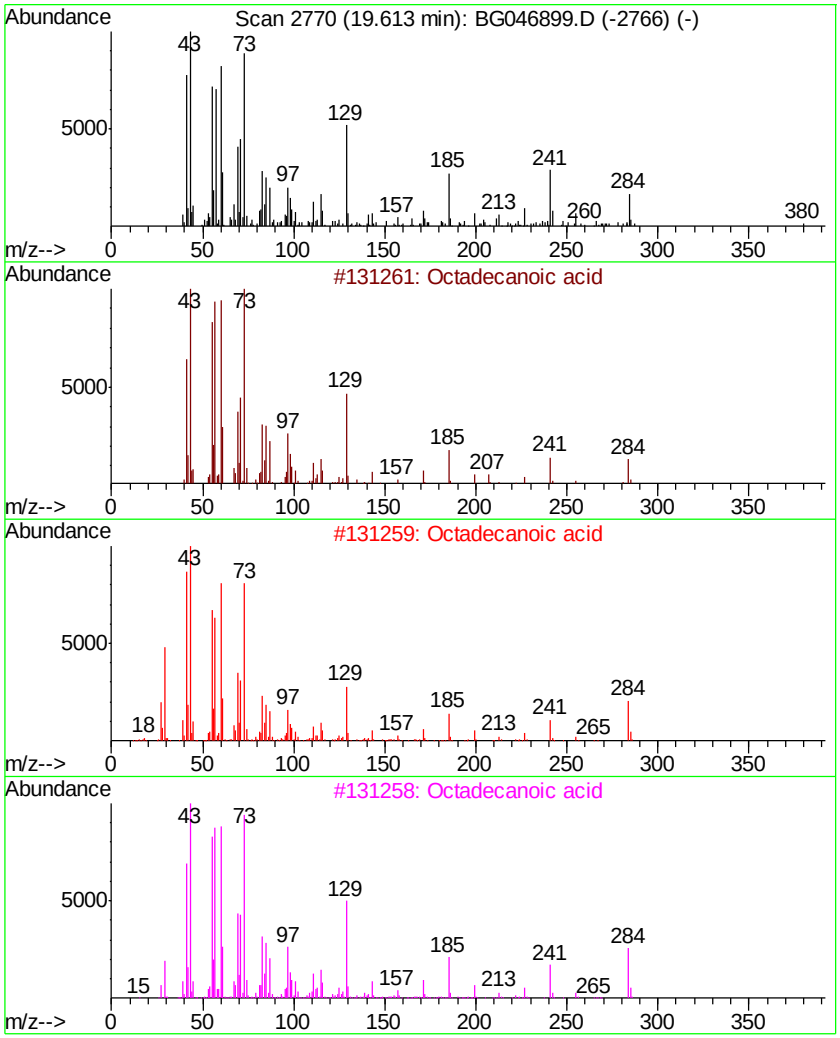
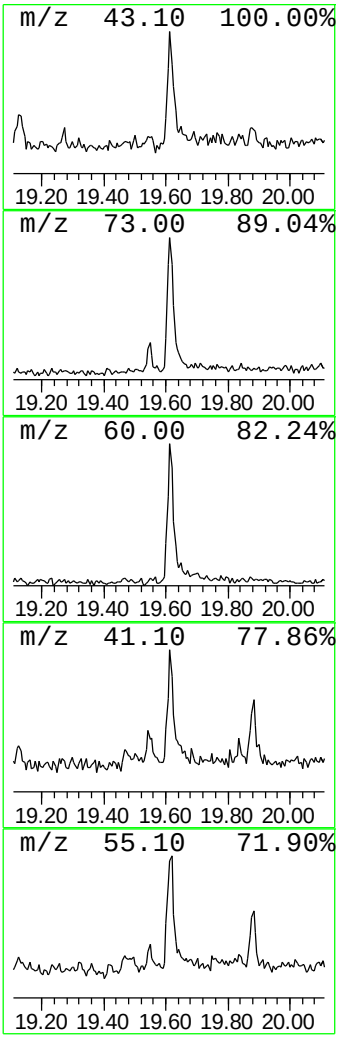
Peak Number 27 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	3.90 ng/ul	253918	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Sample : L4360-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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

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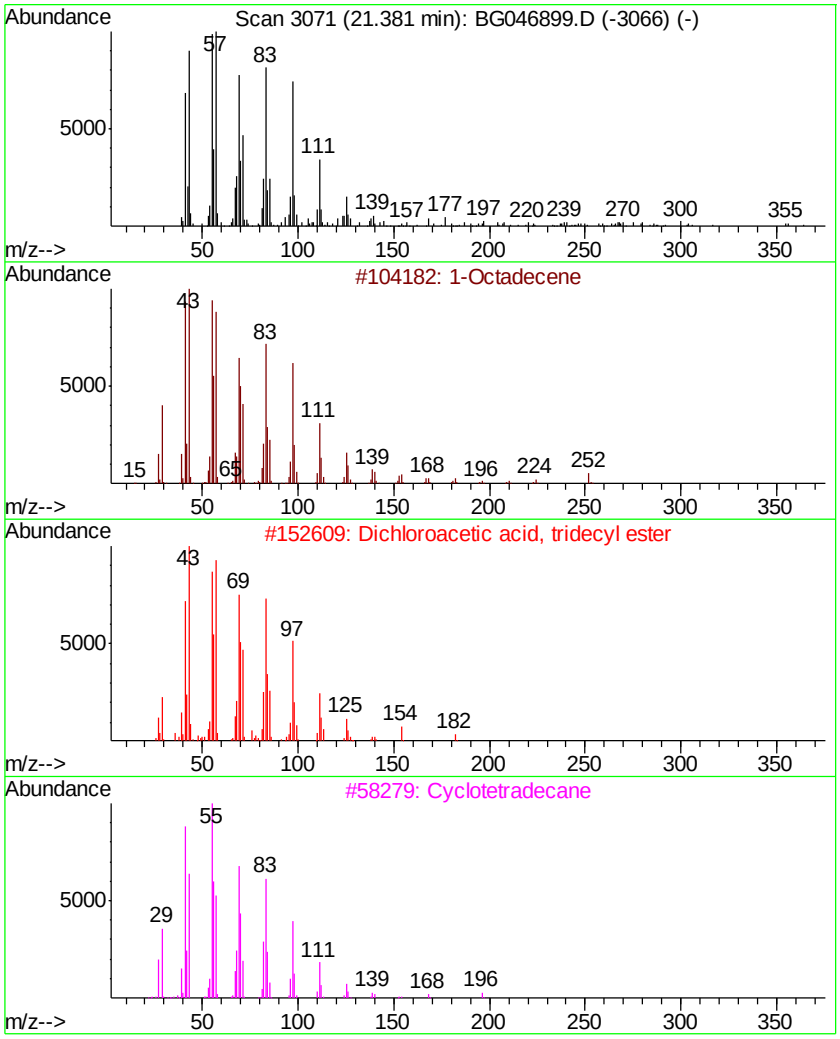
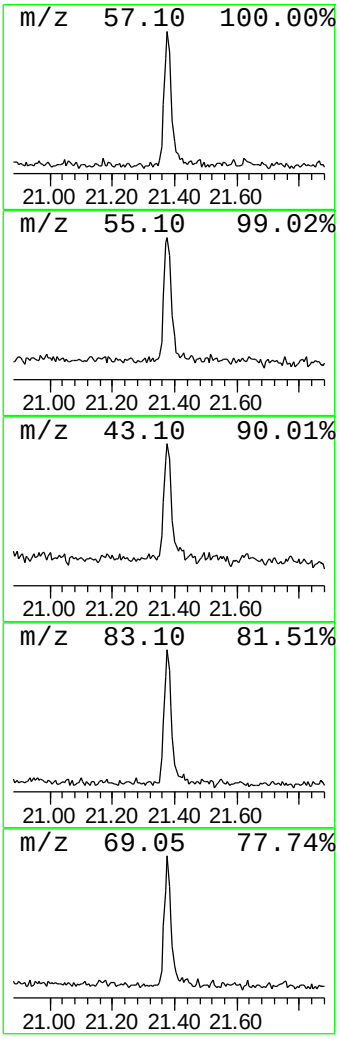
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	5.98 ng/ul	389233	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	78
2	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	74
3	Cyclotetradecane	196	C14H28	000295-17-0	70
4	Octacosanol	410	C28H58O	000557-61-9	68
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	68





Tentatively Identified Compound (LSC) summary

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Sample : L4360-03
Misc :
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Instrument : BNA_G
ClientSampleId : CB7W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3-Oxathiolane	4.71	5.9	ng/ul	118428	1	8.10	399740	20.0
Benzene, chloro-	5.41	14.1	ng/ul	282201	1	8.10	399740	20.0
o-Cymene	8.23	2.1	ng/ul	41322	1	8.10	399740	20.0
Benzenamine, 3-me...	9.08	15.7	ng/ul	313983	1	8.10	399740	20.0
p-Cymene	9.20	3.3	ng/ul	66196	1	8.10	399740	20.0
Benzofuran, 2-met...	9.45	2.1	ng/ul	41501	1	8.10	399740	20.0
unknown-01	9.62	2.5	ng/ul	66466	2	10.91	541119	20.0
unknown-02	10.11	2.1	ng/ul	56575	2	10.91	541119	20.0
unknown-03	10.31	3.2	ng/ul	87149	2	10.91	541119	20.0
unknown-04	10.45	3.6	ng/ul	97794	2	10.91	541119	20.0
Morpholine, 4-ace...	10.81	2.3	ng/ul	61242	2	10.91	541119	20.0
unknown-05	11.15	2.3	ng/ul	61690	2	10.91	541119	20.0
Phenol, p-tert-bu...	12.23	6.6	ng/ul	177589	2	10.91	541119	20.0
Benzenamine, 3-ch...	12.39	5.1	ng/ul	138659	2	10.91	541119	20.0
1H-Inden-1-one, 2...	12.76	2.5	ng/ul	67930	2	10.91	541119	20.0
2,4,7,9-Tetrameth...	13.61	2.9	ng/ul	115476	3	14.72	802944	20.0
Naphthalene, 2,6-...	14.04	2.8	ng/ul	110294	3	14.72	802944	20.0
unknown-06	14.64	2.3	ng/ul	90896	3	14.72	802944	20.0
Diethyltoluamide	15.45	6.3	ng/ul	251185	3	14.72	802944	20.0
Benzenesulfonamid...	16.22	20.8	ng/ul	1048470	4	17.46	1006340	20.0
2(3H)-Benzothiazo...	16.39	10.9	ng/ul	547796	4	17.46	1006340	20.0
Benzenesulfonamid...	16.73	12.4	ng/ul	625133	4	17.46	1006340	20.0
Pentobarbital	16.99	2.5	ng/ul	126480	4	17.46	1006340	20.0
Benzenesulfonamid...	17.26	3.2	ng/ul	159806	4	17.46	1006340	20.0
n-Hexadecanoic acid	18.35	10.7	ng/ul	536928	4	17.46	1006340	20.0
Octadecanoic acid	19.61	3.9	ng/ul	253918	5	21.74	1301730	20.0
(DEL) Alkane: Str...	21.38	6.0	ng/ul	389233	5	21.74	1301730	20.0