LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046900.D
Acq On : 14 Oct 2020 19:48
Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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	24	31	33	rBV2	18797	29345	1.34%	0.102%
2	3.556	33	37	45	rVB	105921	172326	7.88%	0.598%
3	4.713	229	234	243	rVV2	64903	106315	4.86%	0.369%
4	5.406	346	352	359	rVB	94235	154017	7.04%	0.535%
5	5.665	389	396	404	rBV7	8061	20132	0.92%	0.070%
6	6.587	547	553	557	rBV2	15754	27475	1.26%	0.095%
7	7.245	657	665	674	rBV2	88536	170570	7.80%	0.592%
8	7.416	686	694	702	rBV	209269	351895	16.09%	1.222%
9	7.627	721	730	736	rVV	250783	445104	20.36%	1.546%
10	7.680	736	739	743	rVV2	19375	28359	1.30%	0.098%
11	7.751	746	751	758	rVB7	9304	20981	0.96%	0.073%
12	7.997	787	793	800	rBV	56171	93192	4.26%	0.324%
13	8.097	803	810	816	rBV	282757	484237	22.15%	1.682%
14	8.473	866	874	880	rVB	141543	244478	11.18%	0.849%
15	8.738	915	919	923	rBV2	16276	26197	1.20%	0.091%
16	8.791	923	928	938	rVB	213459	382614	17.50%	1.329%
17	9.079	971	977	984	rBV	104555	191415	8.75%	0.665%
18	9.202	990	998	1001	rBV2	31850	52333	2.39%	0.182%
19	9.255	1001	1007	1017	rVB	274505	499342	22.84%	1.734%
20	9.343	1017	1022	1027	rBV3	13323	21973	1.00%	0.076%
21	9.466	1038	1043	1049	rVB8	14586	28390	1.30%	0.099%
22	9.619	1062	1069	1076	rBV7	38650	84142	3.85%	0.292%
23	9.690	1076	1081	1084	rBV6	14676	21334	0.98%	0.074%
24	9.848	1106	1108	1114	rVV7	13181	19883	0.91%	0.069%
25	9.983	1124	1131	1141	rBV	255813	470822	21.53%	1.635%
26	10.107	1146	1152	1158	rBV9	17569	44910	2.05%	0.156%
27	10.166	1158	1162	1170	rVB10	14472	32214	1.47%	0.112%
28	10.265	1173	1179	1184	rBV	208129	335999	15.37%	1.167%
29	10.312	1184	1187	1194	rVB6	34517	63564	2.91%	0.221%
30	10.448	1203	1210	1215	rVB3	50680	108624	4.97%	0.377%
31	10.524	1216	1223	1230	rBV	411476	743282	33.99%	2.581%
32	10.683	1243	1250	1253	rBV8	15167	37605	1.72%	0.131%
33	10.806	1266	1271	1275	rVB5	25876	45976	2.10%	0.160%
34	10.906	1281	1288	1294	rBV	353362	651383	29.79%	2.262%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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	10.959	1294	1297	1302	rVB6	24580	36862	1.69%	0.128%
36	11.035	1302	1310	1322	rVB	289927	582039	26.62%	2.021%
37	11.147	1324	1329	1338	rVB7	16723	33717	1.54%	0.117%
38	11.252	1343	1347	1352	rVB8	12219	21949	1.00%	0.076%
39	11.311	1352	1357	1364	rVB8	11843	25215	1.15%	0.088%
40	11.723	1421	1427	1436	rVB8	17883	55107	2.52%	0.191%
41	11.858	1447	1450	1456	rVB8	17490	29039	1.33%	0.101%
42	12.099	1487	1491	1497	rVB6	16633	23387	1.07%	0.081%
43	12.228	1505	1513	1517	rBV2	72401	134914	6.17%	0.468%
44	12.275	1517	1521	1528	rVB3	46728	81961	3.75%	0.285%
45	12.392	1535	1541	1547	rBV3	39233	76933	3.52%	0.267%
46	12.492	1554	1558	1562	rBV7	19933	36490	1.67%	0.127%
47	12.604	1572	1577	1582	rBV9	22890	43835	2.00%	0.152%
48	12.762	1601	1604	1609	rVB6	26855	39076	1.79%	0.136%
49	12.874	1618	1623	1627	rBV6	26283	48270	2.21%	0.168%
50	12.980	1636	1641	1645	rVB8	18088	28818	1.32%	0.100%
51	13.315	1694	1698	1704	rVB9	18195	40597	1.86%	0.141%
52	13.614	1745	1749	1753	rVB3	23253	36375	1.66%	0.126%
53	13.891	1793	1796	1801	rBV7	10706	18990	0.87%	0.066%
54	13.943	1801	1805	1812	rVB10	14016	27814	1.27%	0.097%
55	14.043	1819	1822	1824	rBV3	19980	23668	1.08%	0.082%
56	14.120	1830	1835	1840	rBV	709561	996577	45.58%	3.461%
57	14.167	1840	1843	1847	rVB	109633	138518	6.33%	0.481%
58	14.272	1857	1861	1864	rBV5	22657	40380	1.85%	0.140%
59	14.413	1875	1885	1896	rVB	748311	1277633	58.43%	4.437%
60	14.519	1899	1903	1908	rBV2	42937	72537	3.32%	0.252%
61	14.643	1919	1924	1929	rBV5	71938	104607	4.78%	0.363%
62	14.719	1931	1937	1943	rVV2	593368	929718	42.52%	3.228%
63	14.784	1943	1948	1954	rVB	226366	351981	16.10%	1.222%
64	14.848	1954	1959	1965	rBV	38288	67408	3.08%	0.234%
65	14.907	1965	1969	1976	rVB	64962	100528	4.60%	0.349%
66	15.119	1999	2005	2012	rVB	142691	235952	10.79%	0.819%
67	15.448	2057	2061	2068	rBV	100427	174391	7.98%	0.606%
68	15.712	2100	2106	2111	rBV	984995	1458480	66.70%	5.065%
69	15.765	2111	2115	2119	rVV	165502	234881	10.74%	0.816%
70	15.818	2119	2124	2129	rVB	219043	311726	14.26%	1.082%
71	15.923	2139	2142	2145	rBV3	24615	39196	1.79%	0.136%

LSC Area Percent Report

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Instrument : BNA_G
ClientSampleId : CB7X8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Title : SVOA CALIBRATION

72	16.059	2162	2165	2169	rVB3	35830	50180	2.29%	0.174%
73	16.223	2186	2193	2201	rVB	522800	811488	37.11%	2.818%
74	16.394	2217	2222	2226	rBV	173193	256960	11.75%	0.892%
75	16.435	2226	2229	2238	rVB2	105339	167969	7.68%	0.583%
76	16.728	2274	2279	2283	rBV	279066	404466	18.50%	1.405%
77	16.993	2321	2324	2328	rVV	42336	49902	2.28%	0.173%
78	17.040	2329	2332	2336	rVV4	72737	88453	4.05%	0.307%
79	17.087	2337	2340	2345	rVB2	37797	51639	2.36%	0.179%
80	17.375	2387	2389	2393	rVB5	38862	46667	2.13%	0.162%
81	17.463	2399	2404	2409	rBV	768147	1145178	52.37%	3.977%
82	17.504	2409	2411	2416	rVV	128650	169965	7.77%	0.590%
83	17.563	2416	2421	2431	rVB	1030064	1684132	77.02%	5.848%
84	17.862	2469	2472	2477	rBV	48929	62848	2.87%	0.218%
85	18.350	2550	2555	2559	rBV2	228344	327608	14.98%	1.138%
86	18.462	2569	2574	2580	rVB6	35022	72571	3.32%	0.252%
87	18.532	2582	2586	2591	rBV	83152	145844	6.67%	0.506%
88	19.073	2676	2678	2681	rVV3	33229	33662	1.54%	0.117%
89	19.131	2685	2688	2693	rVB6	63353	79781	3.65%	0.277%
90	19.513	2748	2753	2757	rBV	396530	543999	24.88%	1.889%
91	19.613	2767	2770	2775	rVB5	92396	109334	5.00%	0.380%
92	19.842	2804	2809	2813	rBV	1379274	2186621	100.00%	7.593%
93	19.878	2813	2815	2822	rVB2	598801	805085	36.82%	2.796%
94	20.283	2881	2884	2887	rBV	143942	146239	6.69%	0.508%
95	21.376	3066	3070	3080	rVB4	176233	347904	15.91%	1.208%
96	21.740	3125	3132	3137	rBV	837211	1472602	67.35%	5.114%
97	23.215	3381	3383	3395	rVB	40017	117552	5.38%	0.408%
98	24.161	3542	3544	3547	rBV3	16822	17970	0.82%	0.062%
99	24.784	3640	3650	3658	rBV	675212	1797968	82.23%	6.243%
100	25.007	3678	3688	3704	rVB2	477890	1413193	64.63%	4.907%

Sum of corrected areas: 28797777

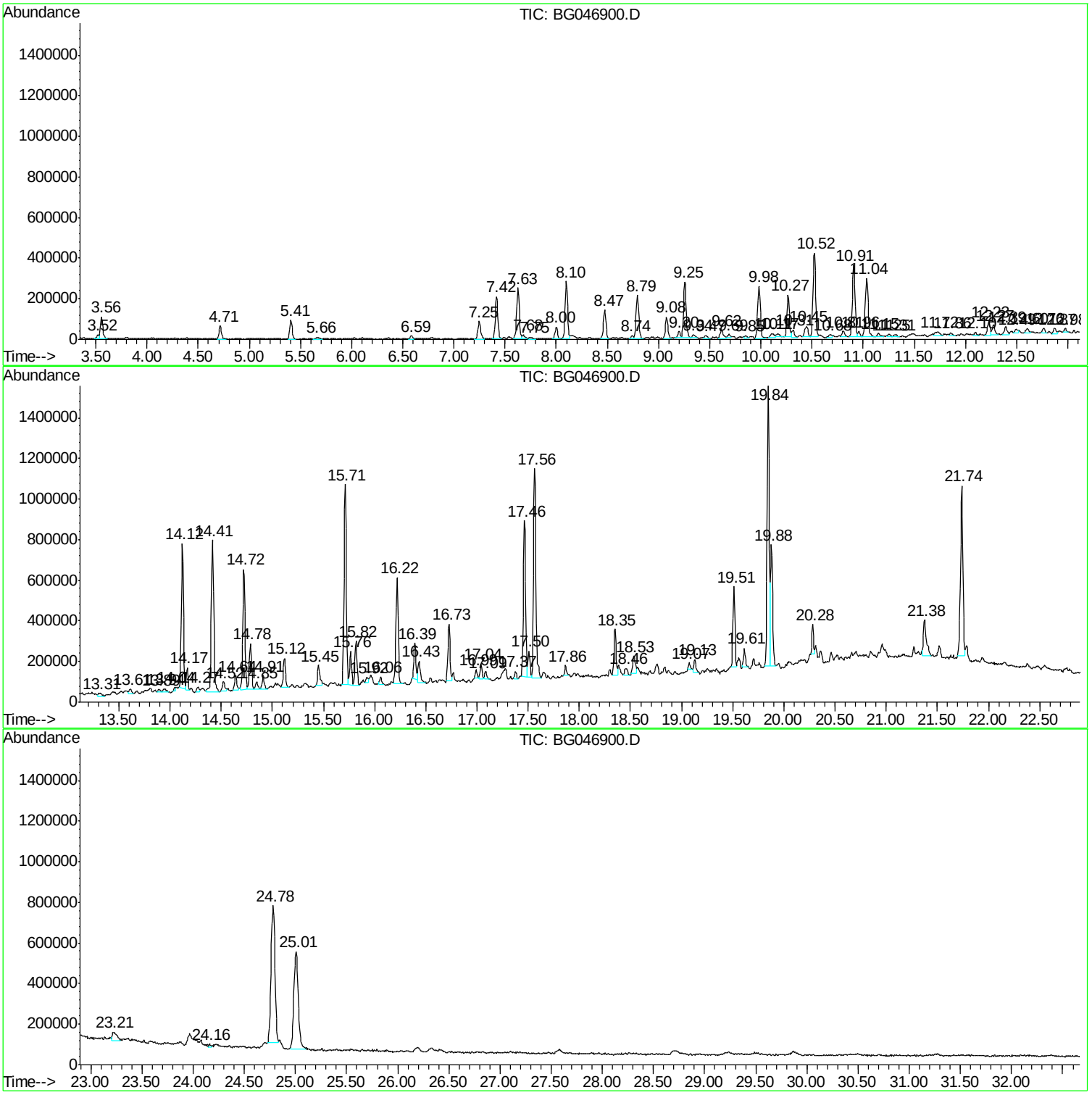
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046900.D
Acq On : 14 Oct 2020 19:48
Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
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Instrument : BNA_G
ClientSampleId : CB7X8

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

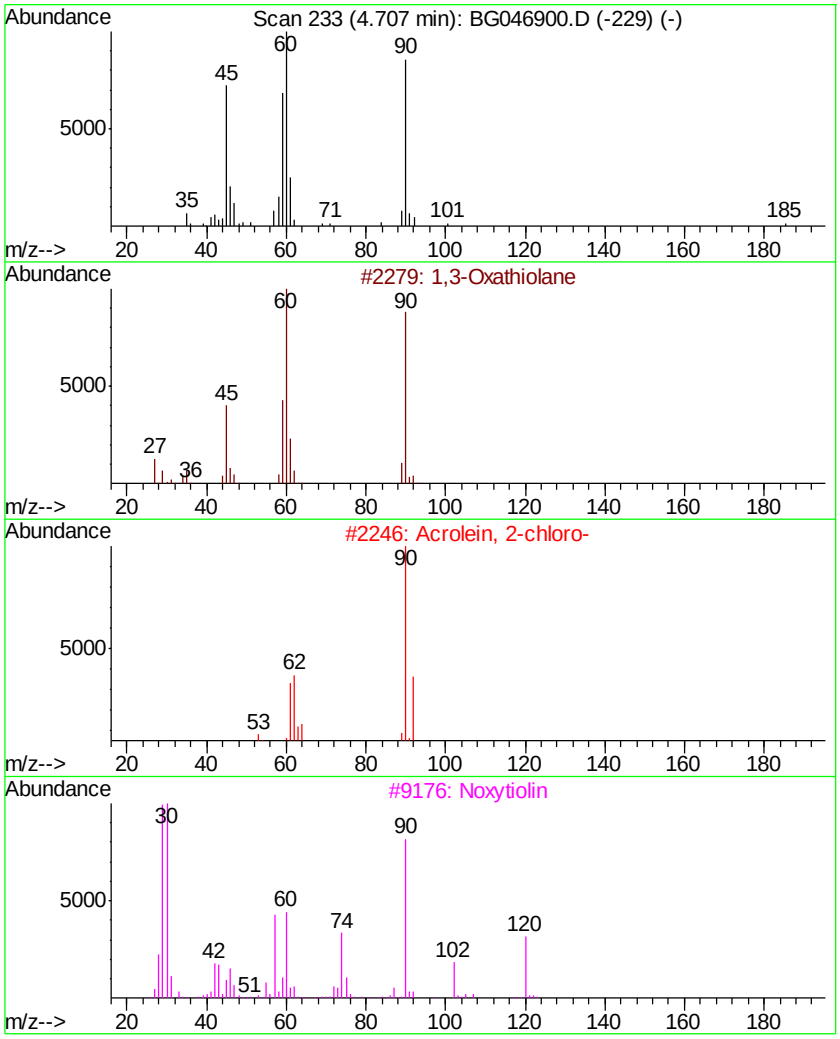
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

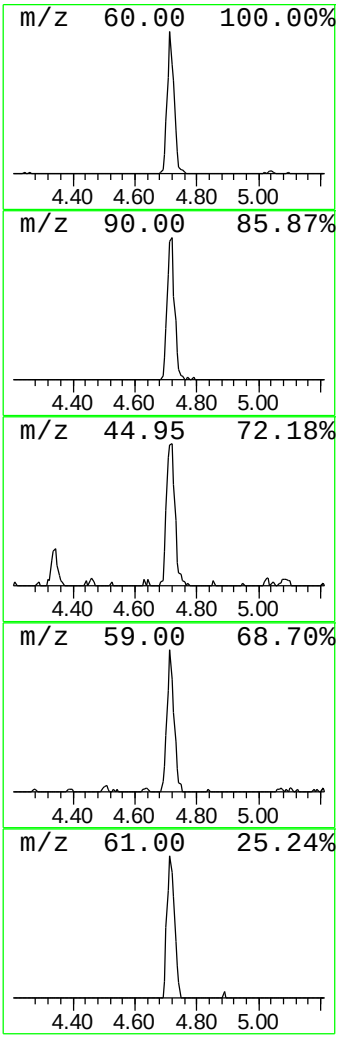
****

Peak Number 1 1,3-Oxathiolane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	4.39 ng/ul	106315	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	64
2	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	59
3	Noxytiolin	120	C3H8N2OS	015599-39-0	42
4	2,3-Dimercaptopropan-1-ol	124	C3H8OS2	000059-52-9	39
5	3-Thietanol	90	C3H6OS	010304-16-2	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
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Misc :
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Instrument : BNA_G
ClientSampleId : CB7X8

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

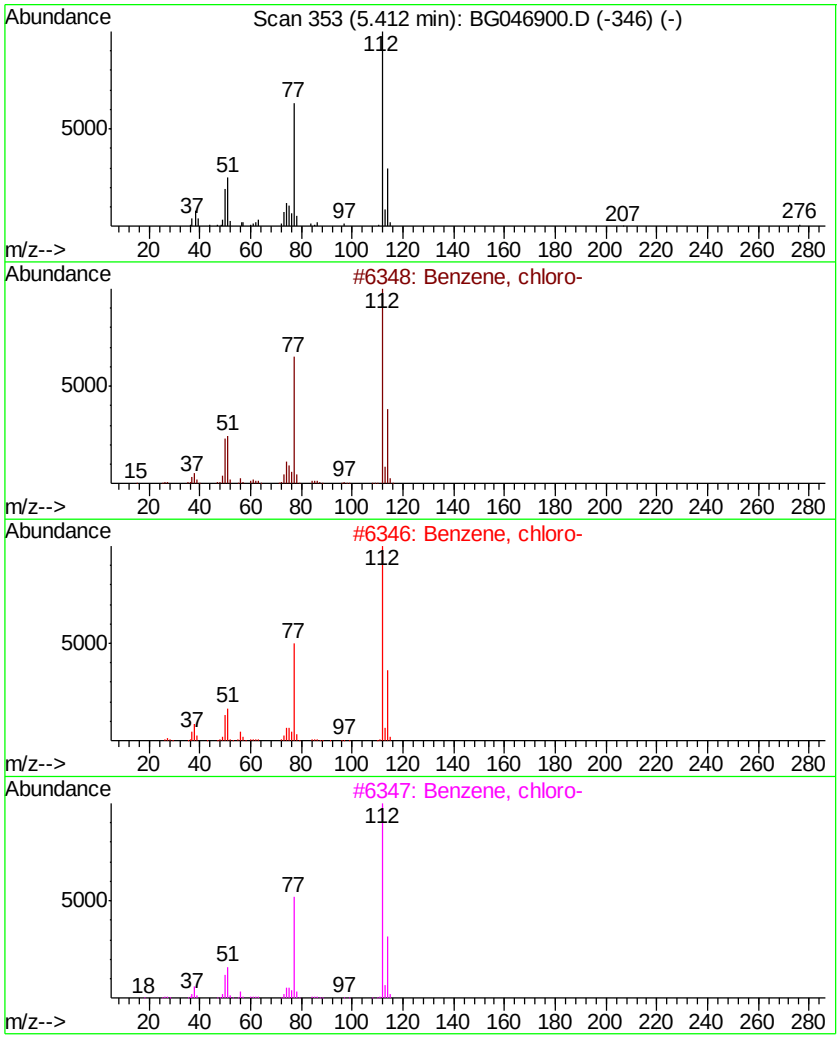
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

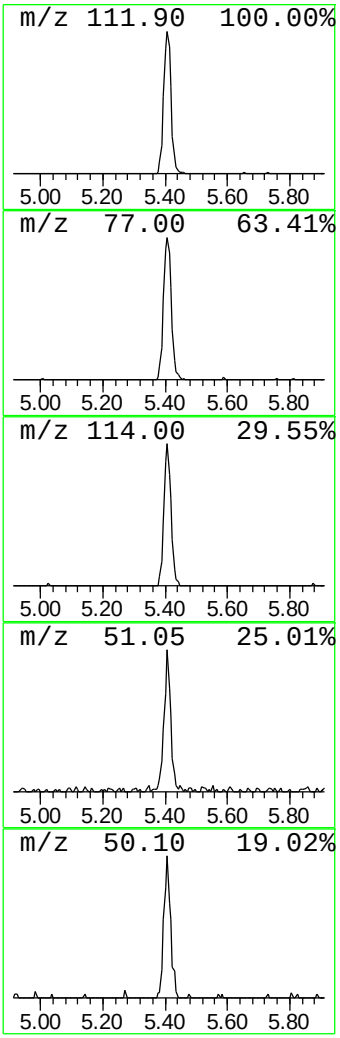
****

Peak Number 2 Benzene, chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.41	6.36 ng/ul	154017	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
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	91
5	2-Chloro-3-nitropyridine	158	C5H3ClN2O2	005470-18-8	42





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ClientSampleId : CB7X8

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

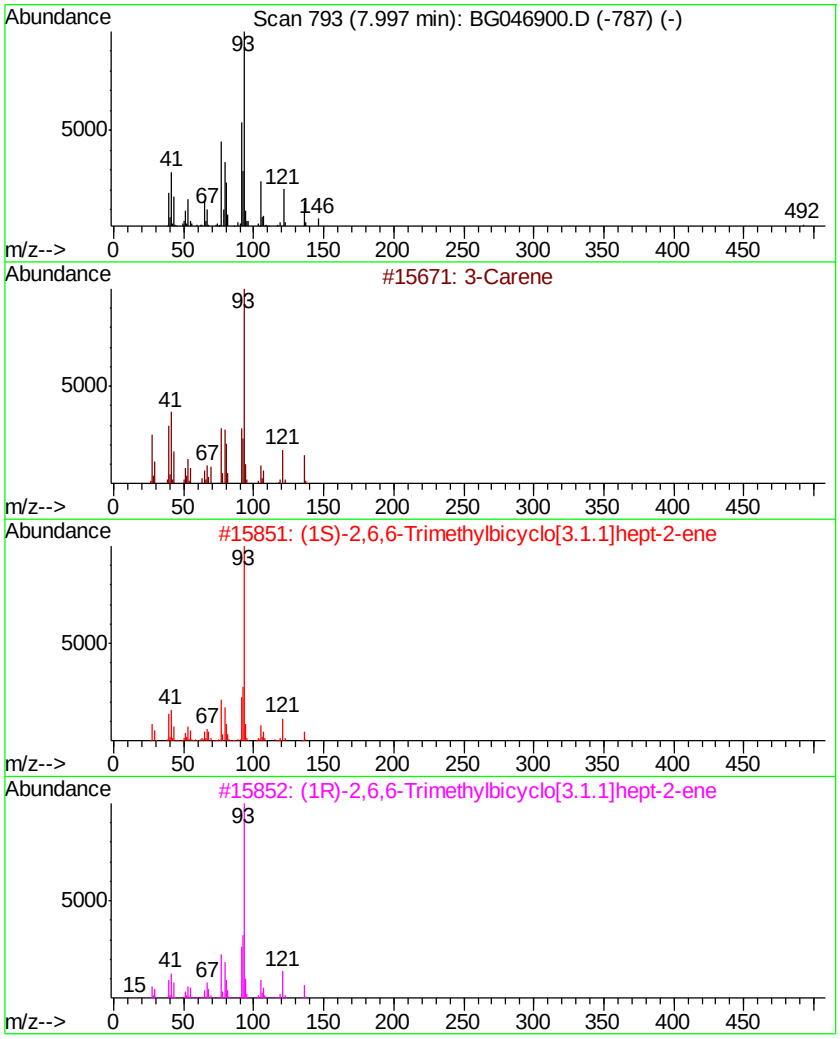
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

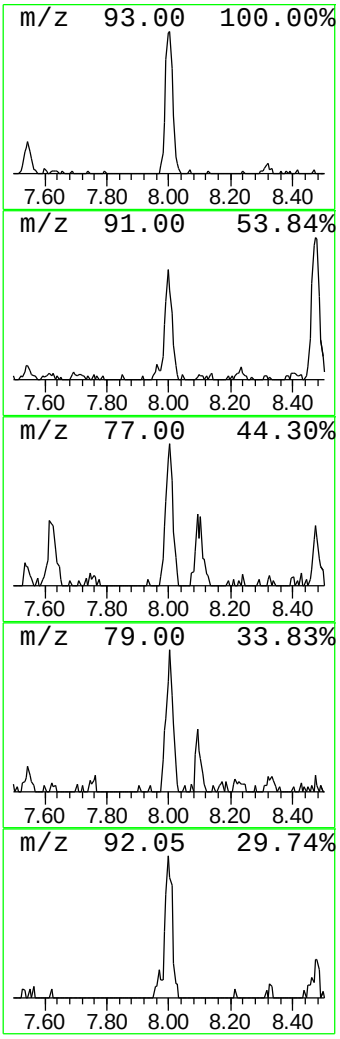
****

Peak Number 3 3-Carene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	3.85 ng/ul	93192	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	93
2	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	87
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	87
4	Cyclopentene, 3-isopropenyl-5,5-...	136	C10H16	1000162-25-4	83
5	.gamma.-Terpinene	136	C10H16	000099-85-4	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046900.D
Acq On : 14 Oct 2020 19:48
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Misc :
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Instrument : BNA_G
ClientSampleId : CB7X8

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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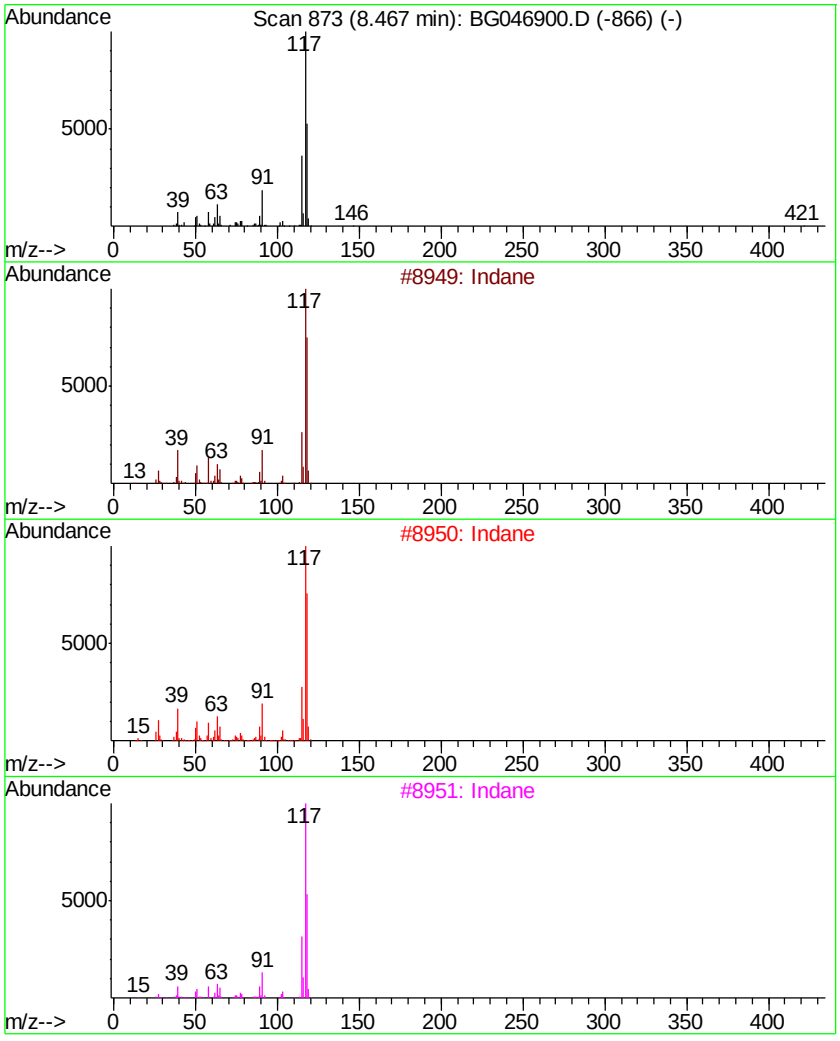
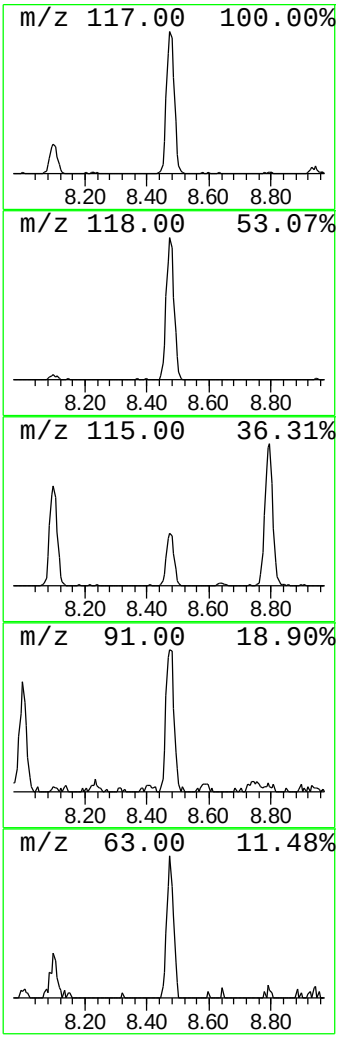
Peak Number 4 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	10.10 ng/ul	244478	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	90
3	Indane	118	C9H10	000496-11-7	74
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Deltacyclene	118	C9H10	007785-10-6	68





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Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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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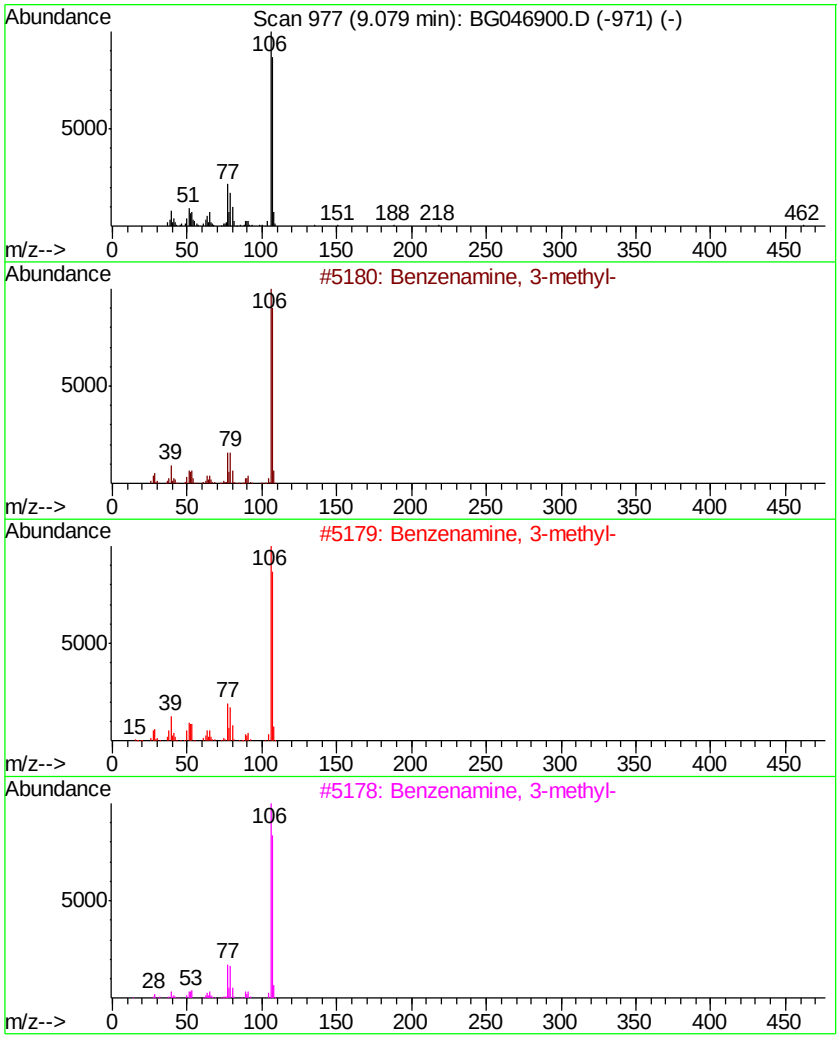
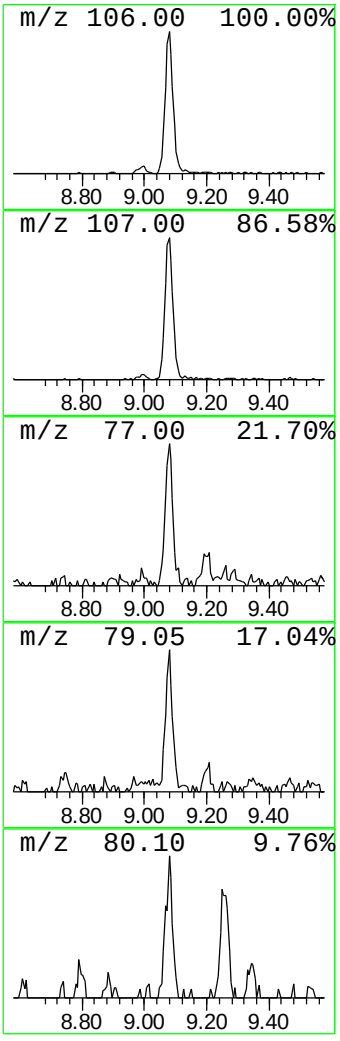
Peak Number 5 Benzenamine, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	7.91 ng/ul	191415	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	94
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	94
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	93
4	o-Toluidine	107	C7H9N	000095-53-4	93
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	93





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Acq On : 14 Oct 2020 19:48
Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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Quant Title : SVOA CALIBRATION

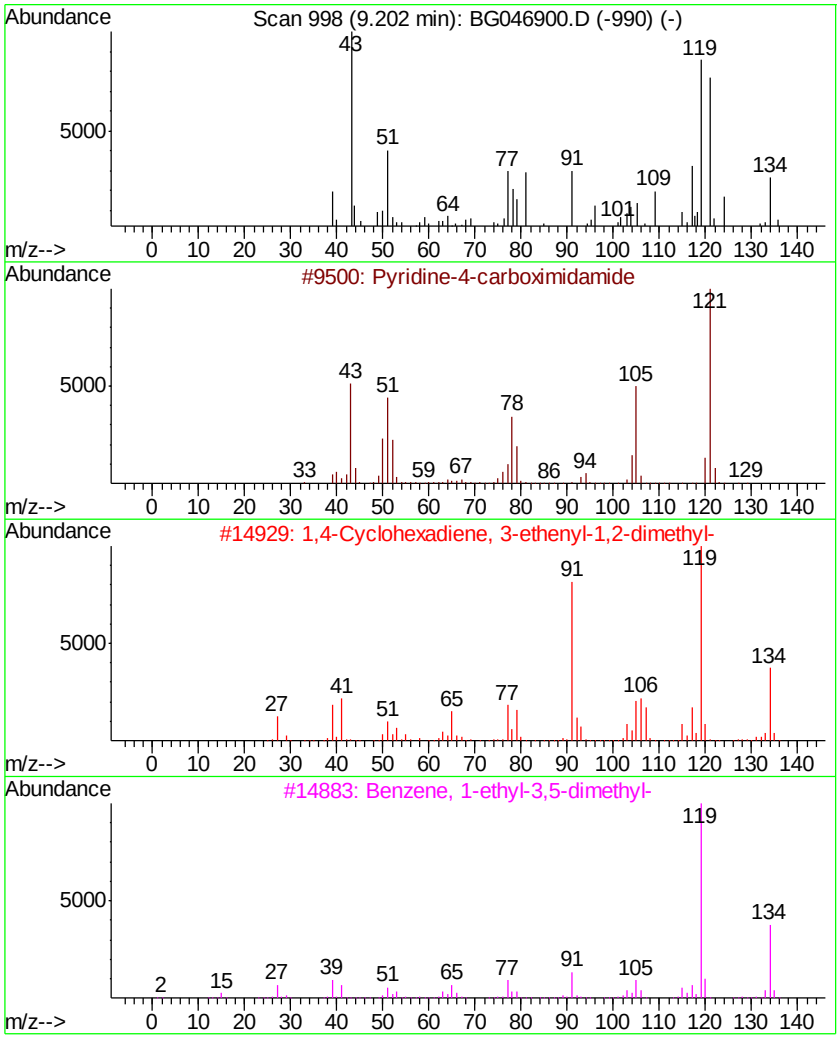
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

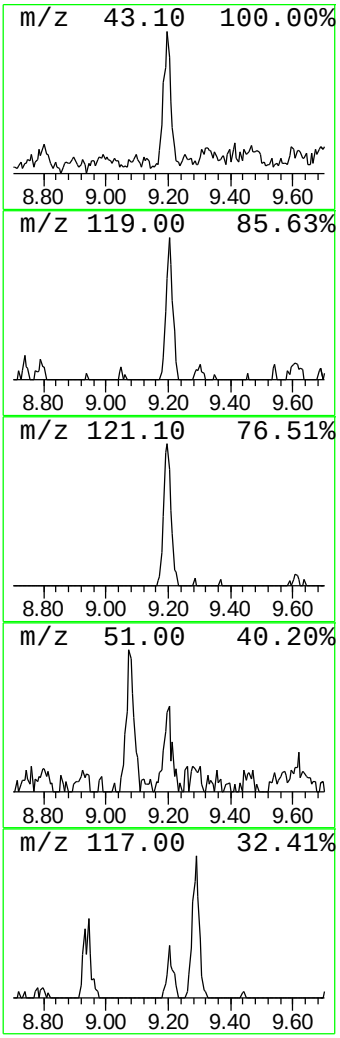
****

Peak Number 6 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	2.16 ng/ul	52333	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-4-carboximidamide	121	C6H7N3	033278-46-5	38
2	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	27
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	25
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	25
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	25





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Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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Quant Title : SVOA CALIBRATION

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

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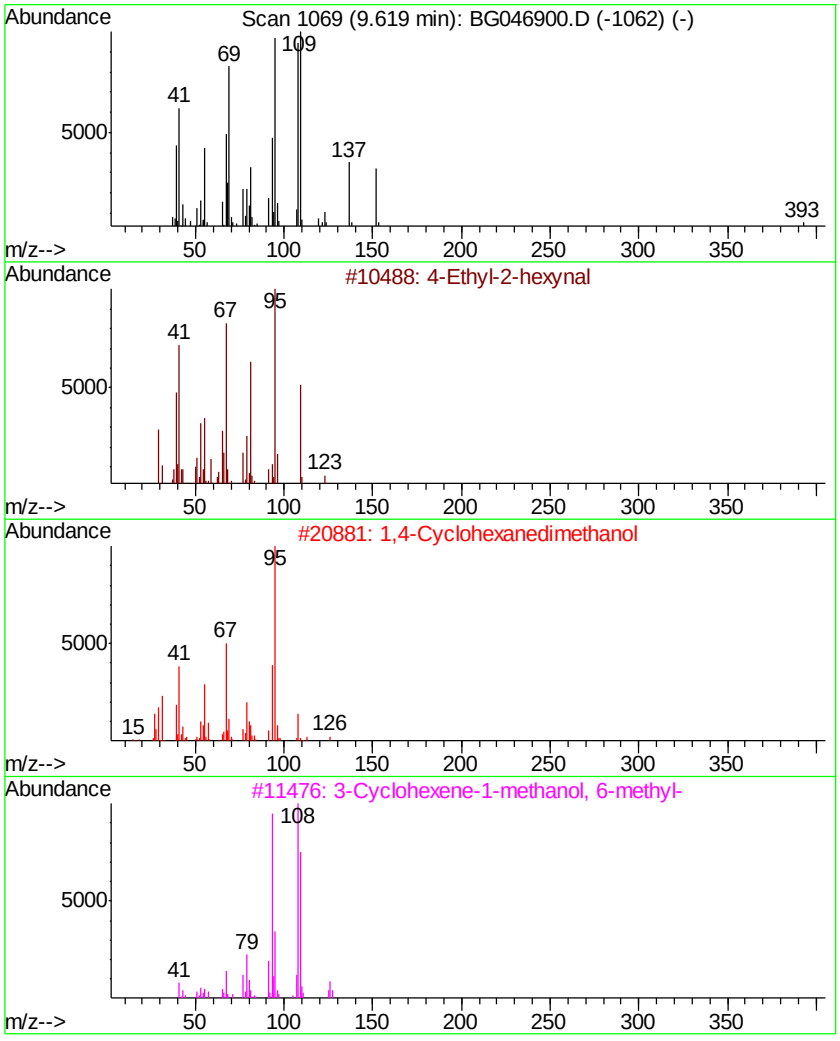
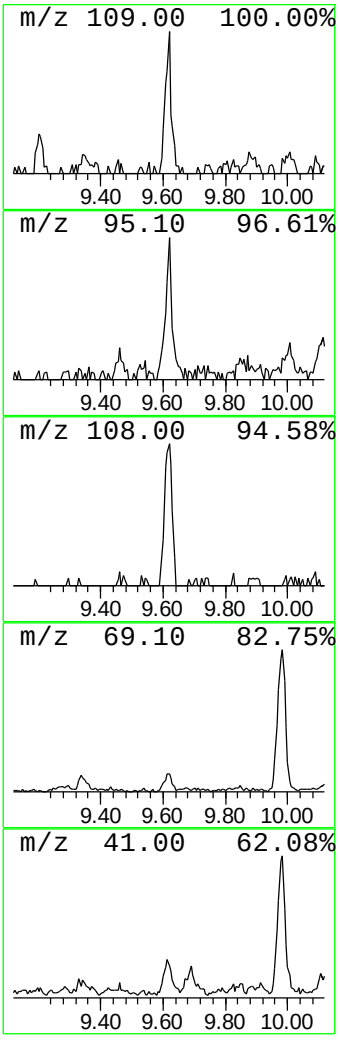
Peak Number 7 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	2.58 ng/ul	84142	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	30
2	1,4-Cyclohexanedimethanol	144	C8H16O2	000105-08-8	27
3	3-Cyclohexene-1-methanol, 6-methyl-	126	C8H14O	005259-31-4	27
4	Cyclohexane-1,2-dimethanol, diac...	228	C12H20O4	098516-00-8	27
5	1-Hydroxymethyl-2-methyl-1-cyclo...	126	C8H14O	029474-11-1	27





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Acq On : 14 Oct 2020 19:48
Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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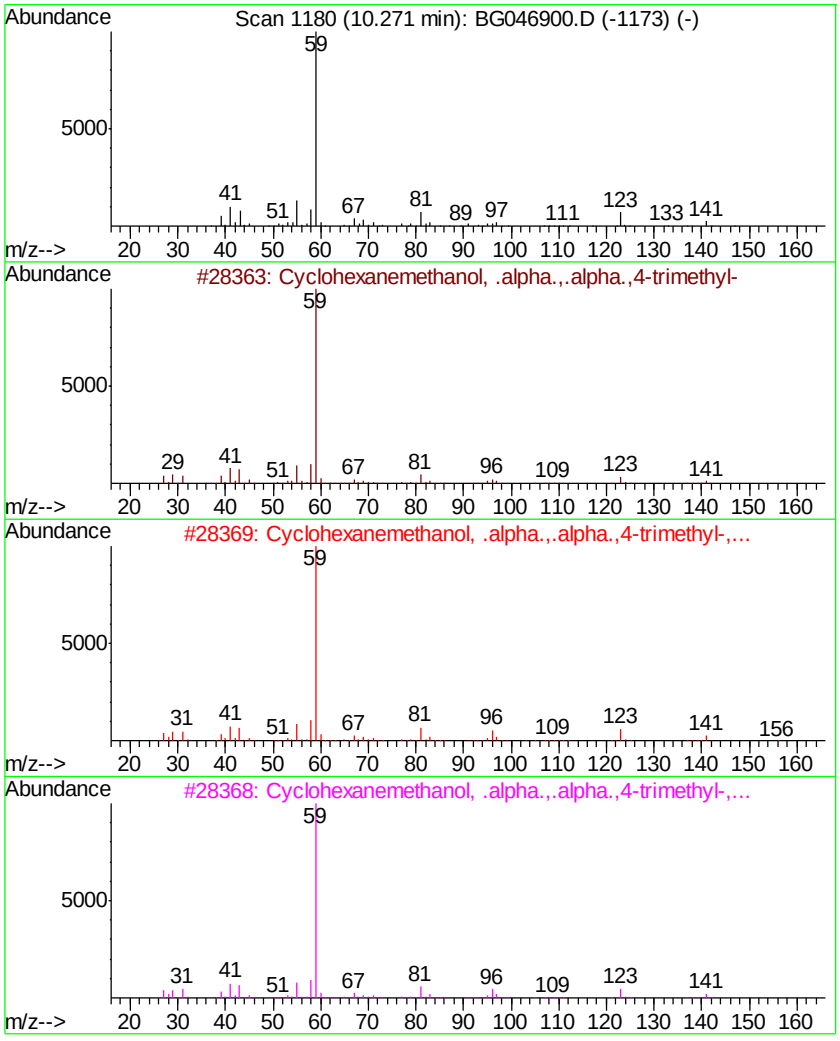
Quant Title : SVOA CALIBRATION

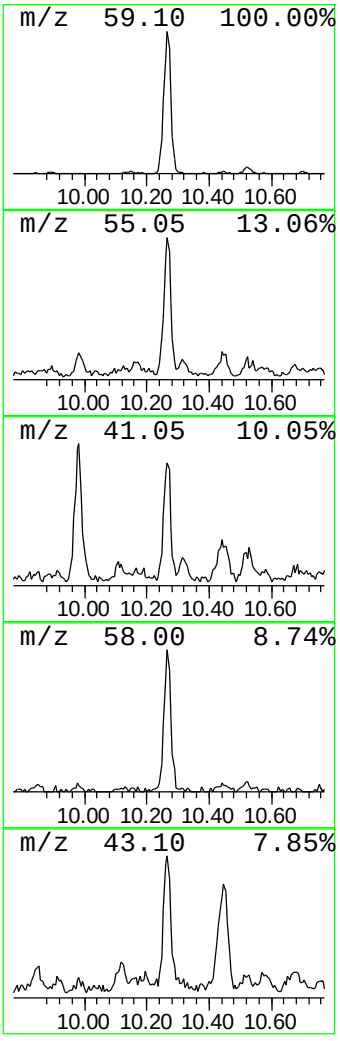
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexanemethanol, .alpha... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	10.32 ng/ul	335999	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	83
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	83
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	78
4	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	50
5	2-Hydroxy-2,5-dimethyl-hept-6-en...	156	C9H16O2	1000192-55-8	45





Library Search Compound Report

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Acq On : 14 Oct 2020 19:48
Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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Quant Title : SVOA CALIBRATION

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

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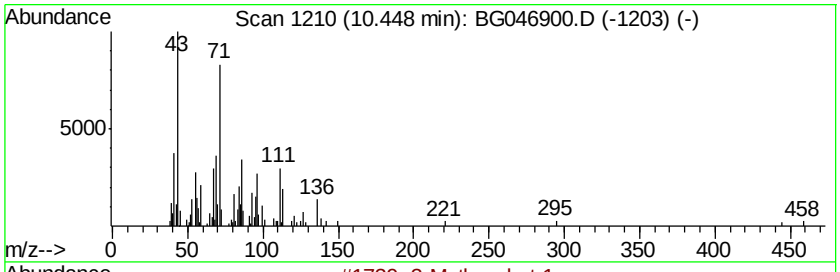
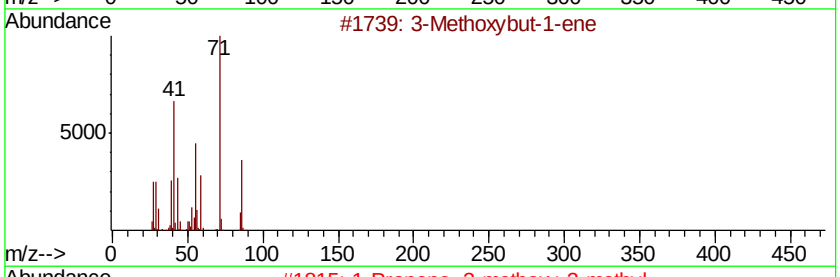
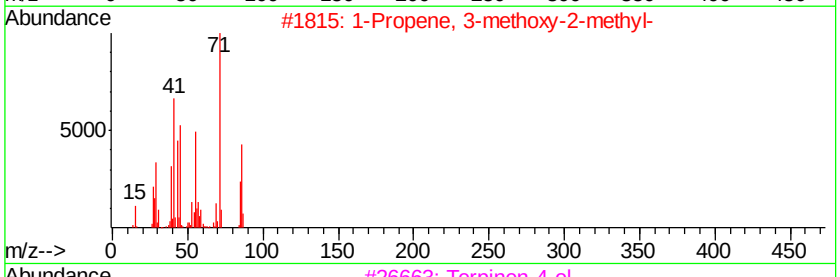
Peak Number 9 unknown-03 Concentration Rank 14

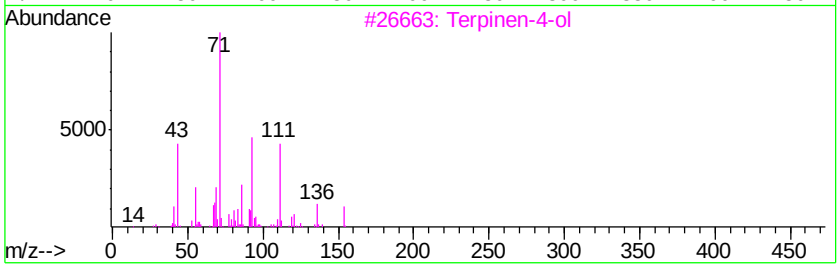
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	3.34 ng/ul	108624	Naphthalene-d8	10.91

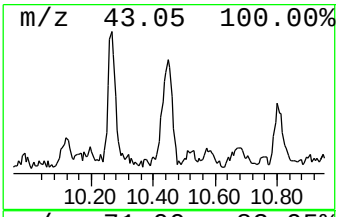
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	43
2	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	43
3	Terpinen-4-ol	154	C10H18O	000562-74-3	43
4	2,5-Hexanedione, 3-acetyl-	156	C8H12O3	042781-07-7	38
5	4,6-Nonanedione, 5-(3-butanon-1-...	254	C15H26O3	1000162-15-0	38

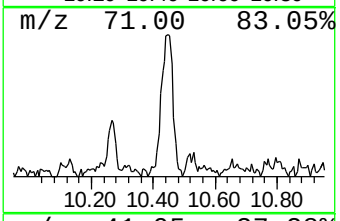


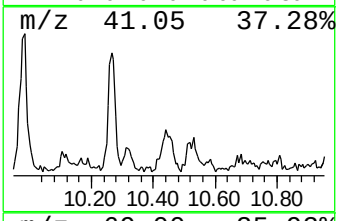


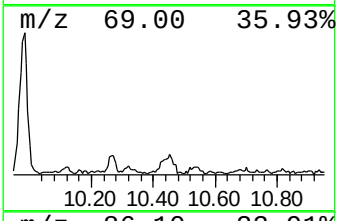


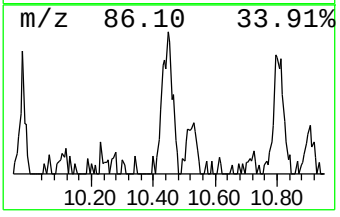












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Acq On : 14 Oct 2020 19:48
Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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

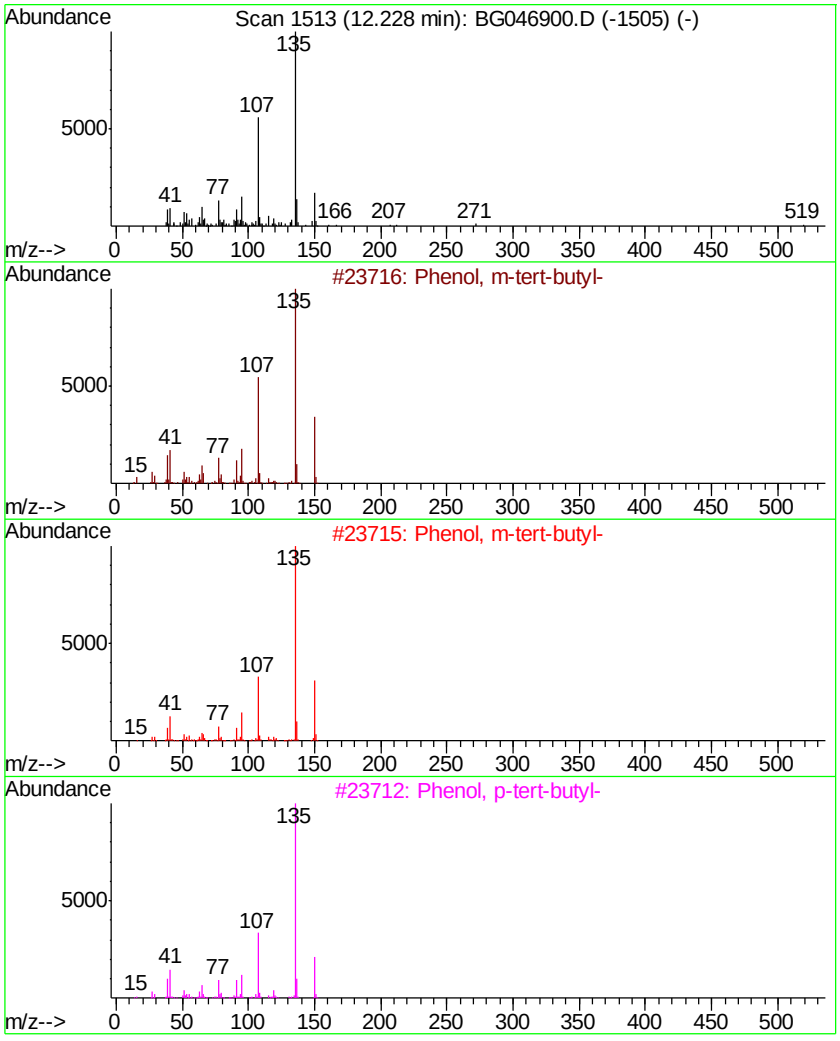
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

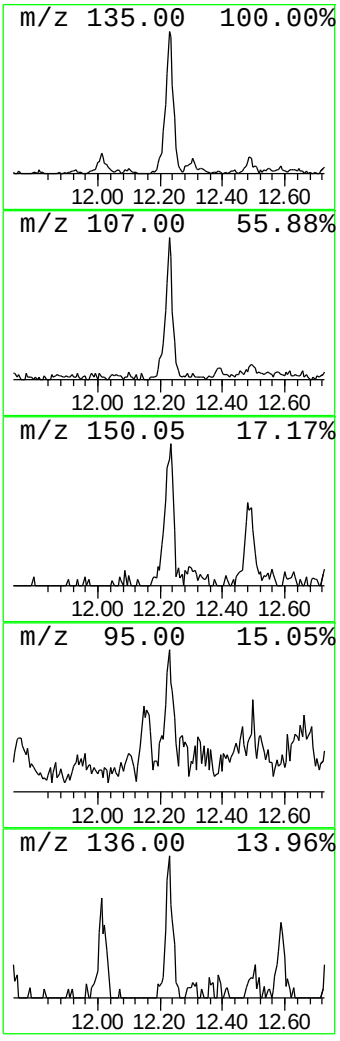
****

Peak Number 10 Phenol, m-tert-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	4.14 ng/ul	134914	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	86
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	83
4	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	80
5	Hexestrol	270	C18H22O2	000084-16-2	72





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Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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Quant Title : SVOA CALIBRATION

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

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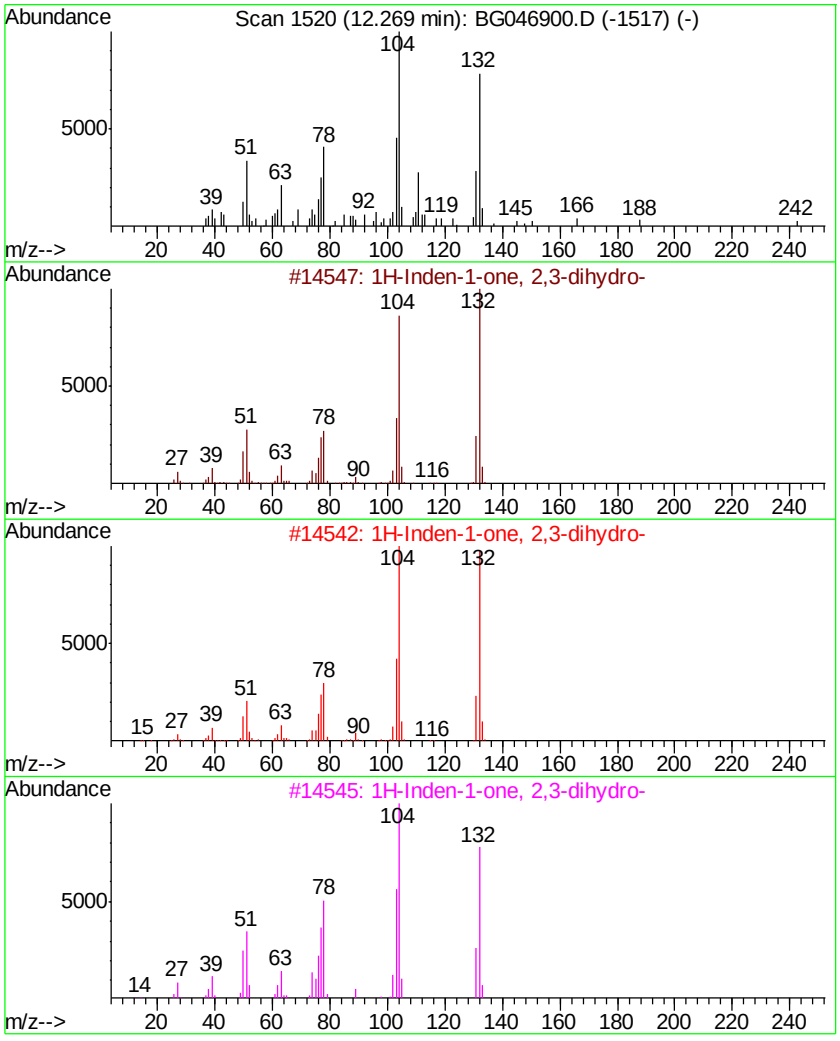
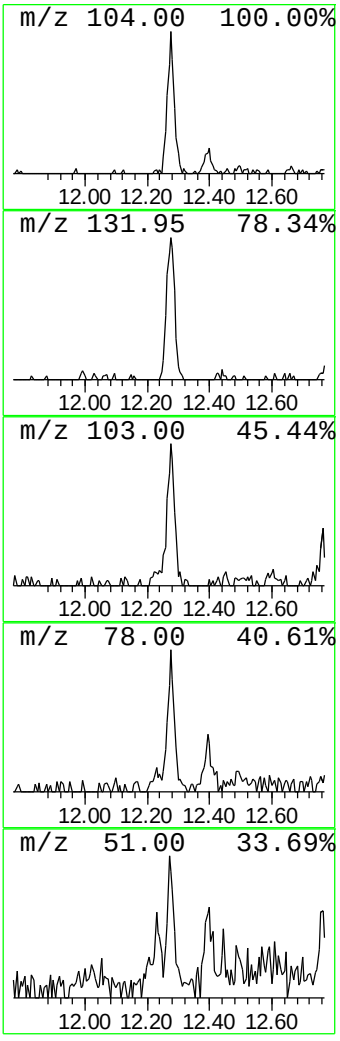
Peak Number 11 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.52 ng/ul	81961	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	94
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	91
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	90
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	68
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	64





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Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

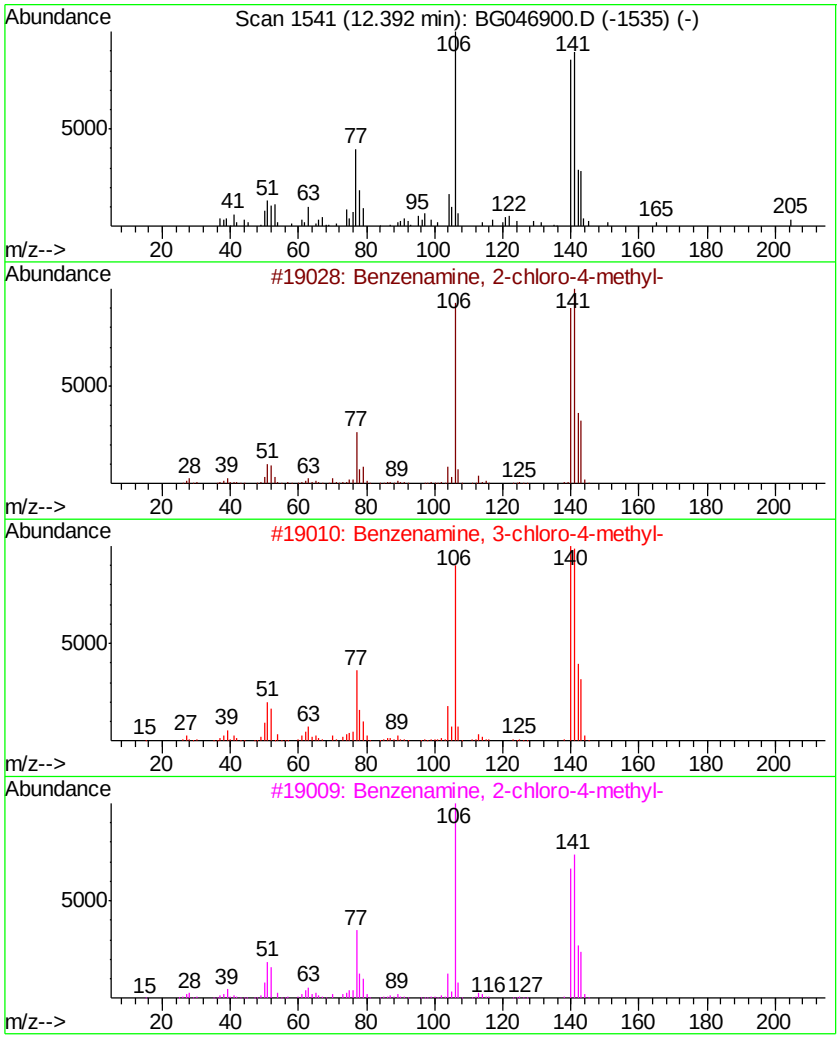
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

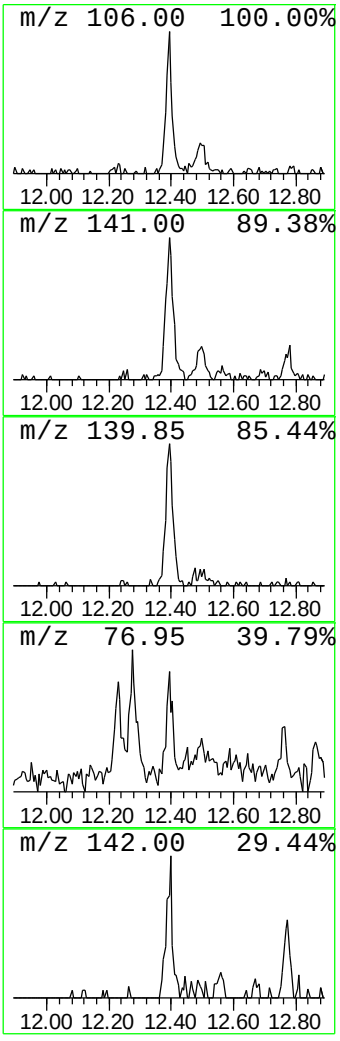
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzenamine, 2-chloro-4-met... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	2.36 ng/ul	76933	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	96
2	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	94
3	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	94
4	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	94
5	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	91





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Acq On : 14 Oct 2020 19:48
Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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Quant Title : SVOA CALIBRATION

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

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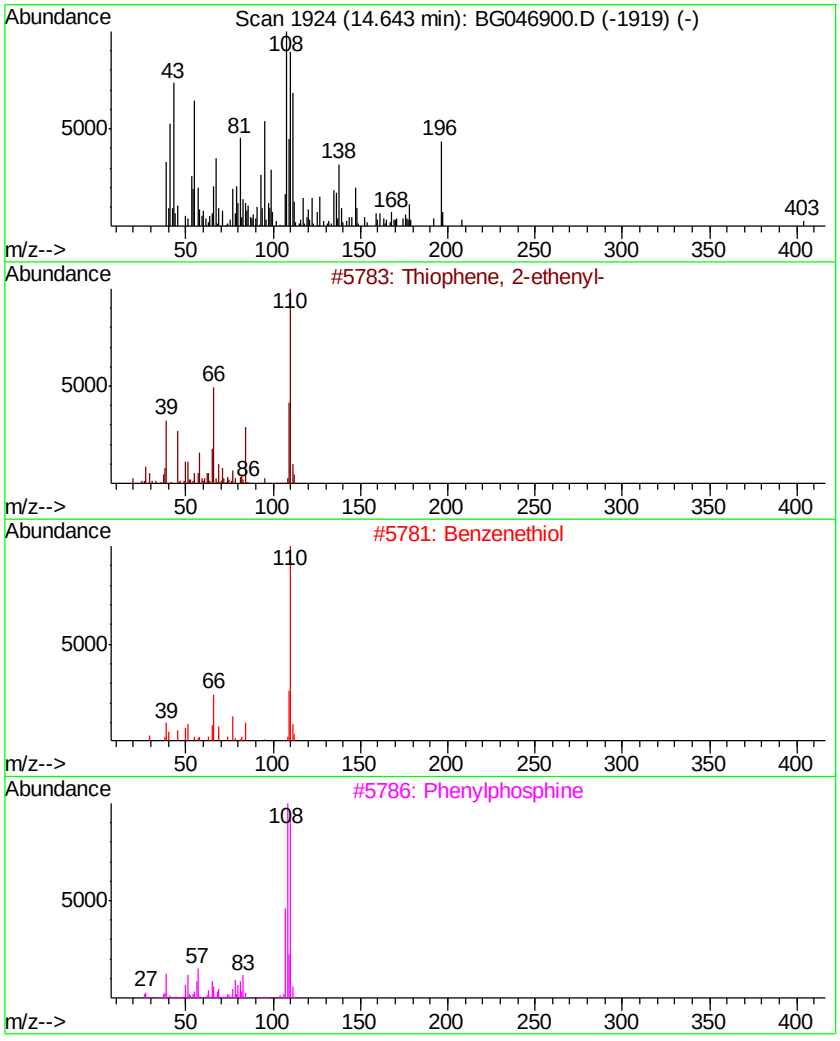
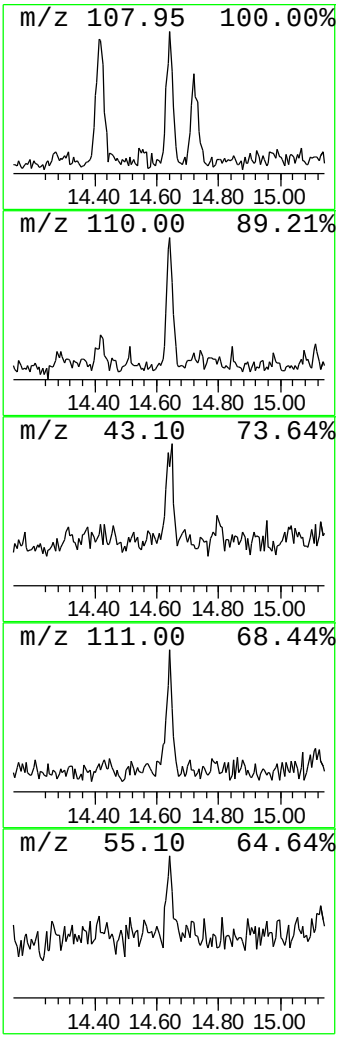
Peak Number 13 unknown-04 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.25 ng/ul	104607	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethenyl-	110	C6H6S	001918-82-7	38
2	Benzenethiol	110	C6H6S	000108-98-5	27
3	Phenylphosphine	110	C6H7P	000638-21-1	27
4	Benzenethiol	110	C6H6S	000108-98-5	25
5	2-(3,3-Diethoxypropyl)-2,5-dihyd...	241	C13H23NO3	101773-78-8	22





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Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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Quant Title : SVOA CALIBRATION

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

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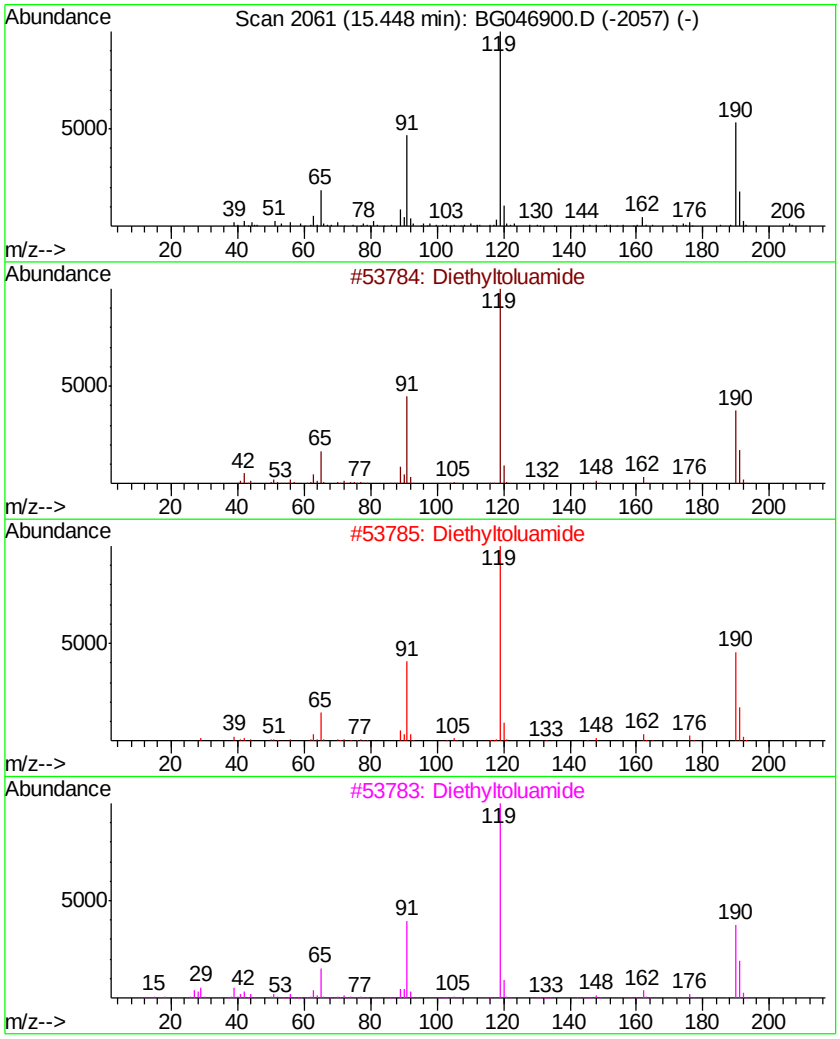
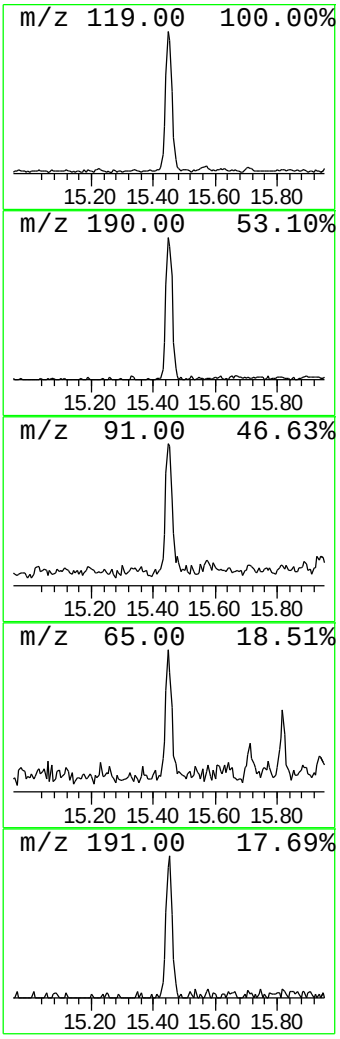
Peak Number 14 Diethyltoluamide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	3.75 ng/ul	174391	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2	Diethyltoluamide	191	C12H17NO	000134-62-3	94
3	Diethyltoluamide	191	C12H17NO	000134-62-3	87
4	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	80
5	Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8	58





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Instrument : BNA_G
ClientSampleId : CB7X8

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Quant Title : SVOA CALIBRATION

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

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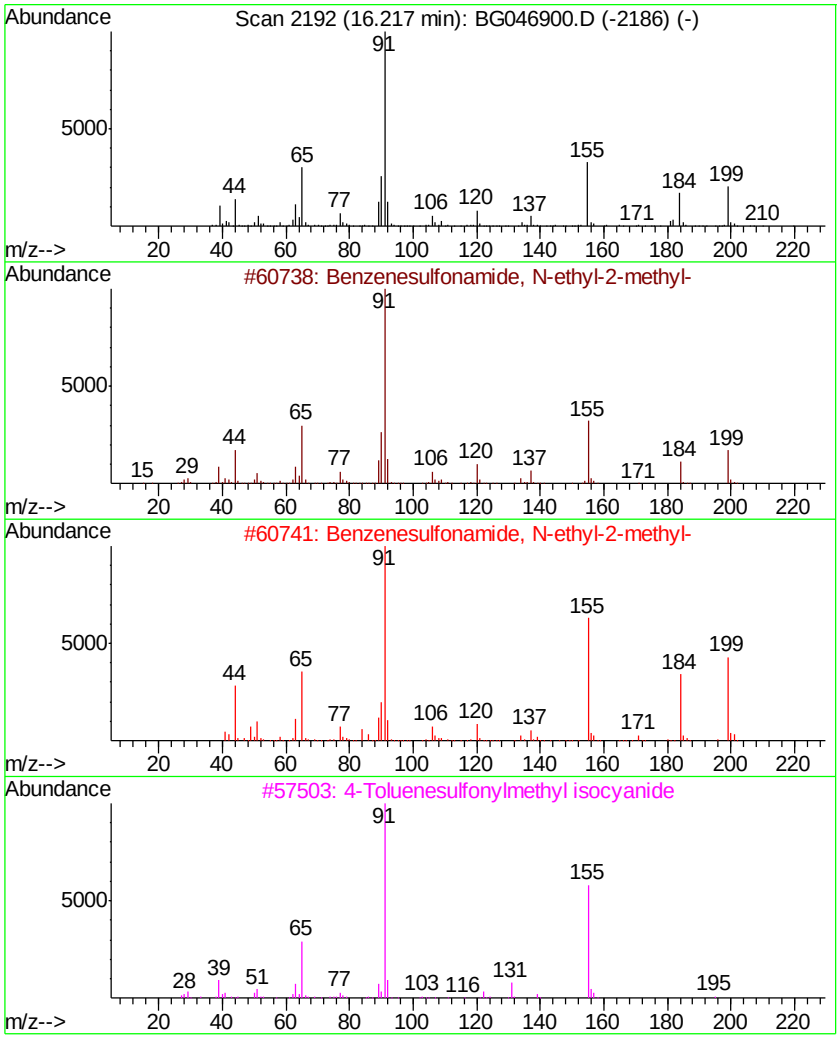
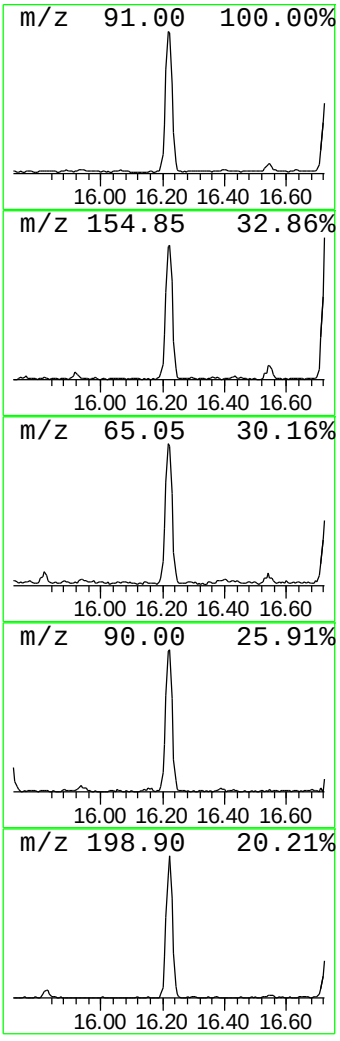
Peak Number 15 Benzenesulfonamide, N-ethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	14.17 ng/ul	811488	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	91
2	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	58
3	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	49
4	1-Hydroxytricyclo[4.3.0.0(4,9)]n...	308	C16H20O4S	201992-83-8	47
5	Benzenesulfonamide, N,N,4-trimet...	199	C9H13NO2S	000599-69-9	38





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Data File : BG046900.D
Acq On : 14 Oct 2020 19:48
Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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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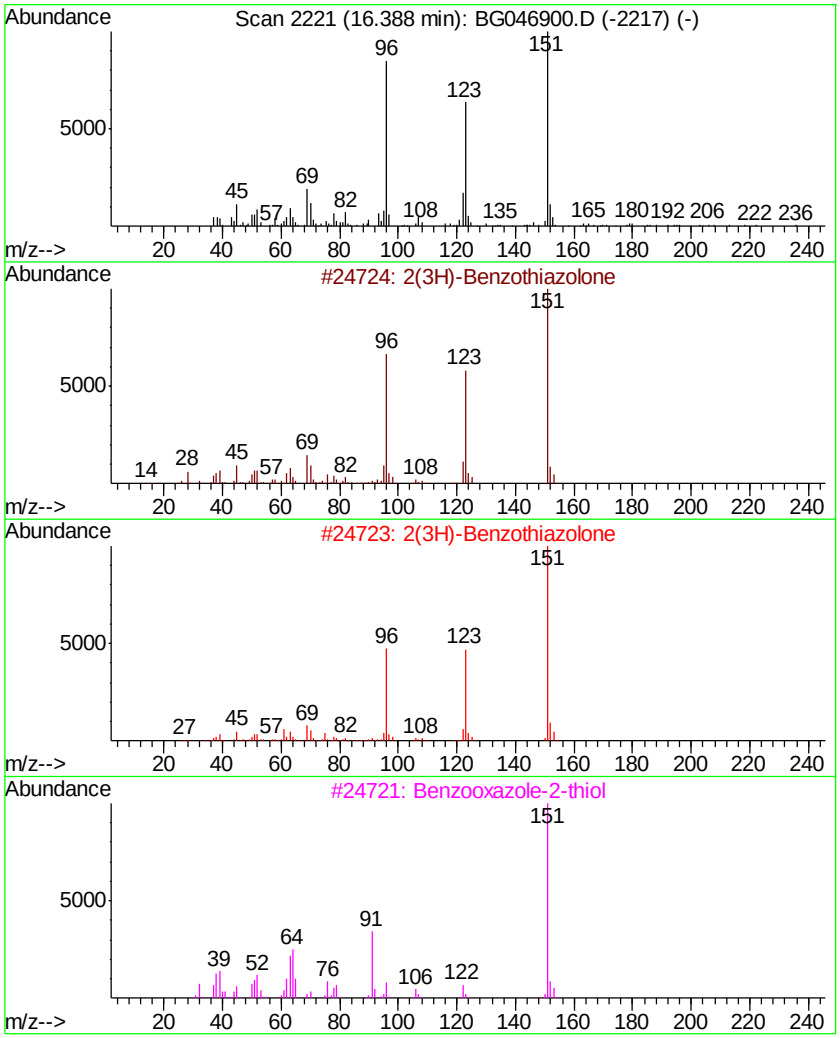
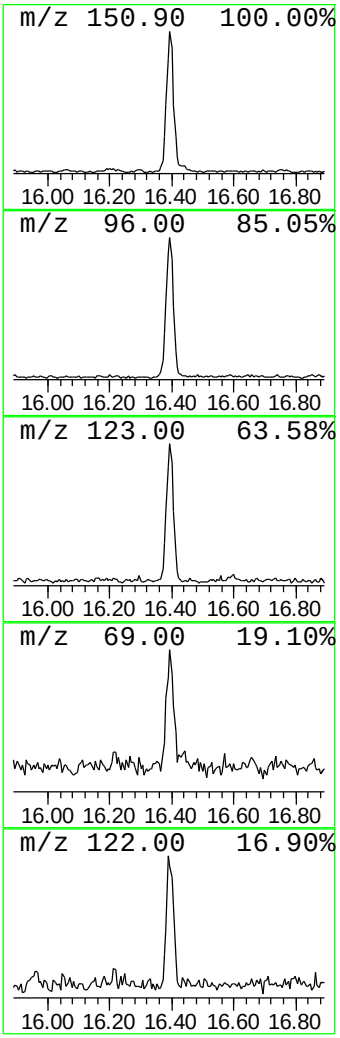
Peak Number 16 2(3H)-Benzothiazolone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	4.49 ng/ul	256960	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	Benzooxazole-2-thiol	151	C7H5NOS	1000318-31-6	35
4	t-Butylhydroquinone	166	C10H14O2	001948-33-0	32
5	Silane, (3,3-dimethylbut-2-yloxy...	208	C12H20OSi	1000163-31-6	30





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Data File : BG046900.D
Acq On : 14 Oct 2020 19:48
Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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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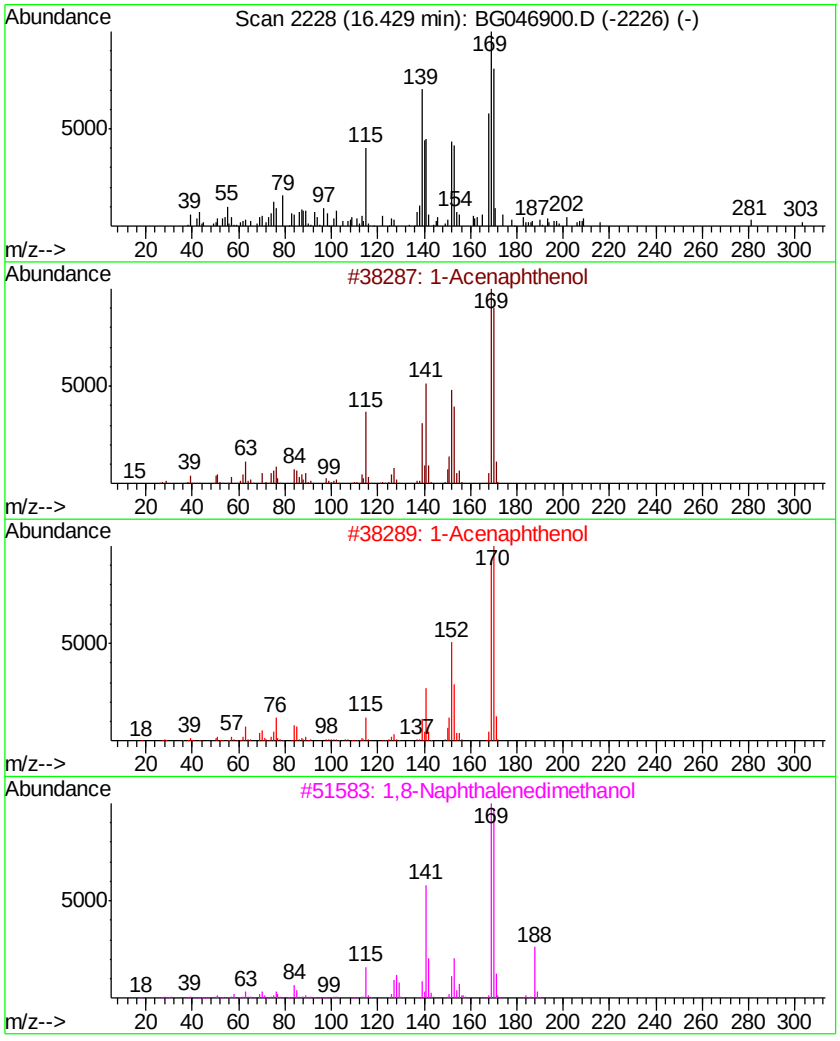
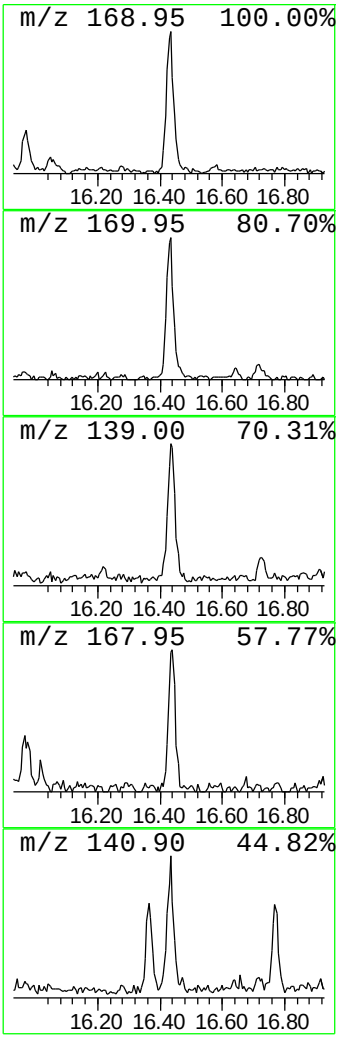
Peak Number 17 1-Acenaphthenol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.93 ng/ul	167969	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol	170	C12H10O	006306-07-6	64
2	1-Acenaphthenol	170	C12H10O	006306-07-6	55
3	1,8-Naphthalenedimethanol	188	C12H12O2	002026-08-6	43
4	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	38
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	30





Library Search Compound Report

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Data File : BG046900.D
Acq On : 14 Oct 2020 19:48
Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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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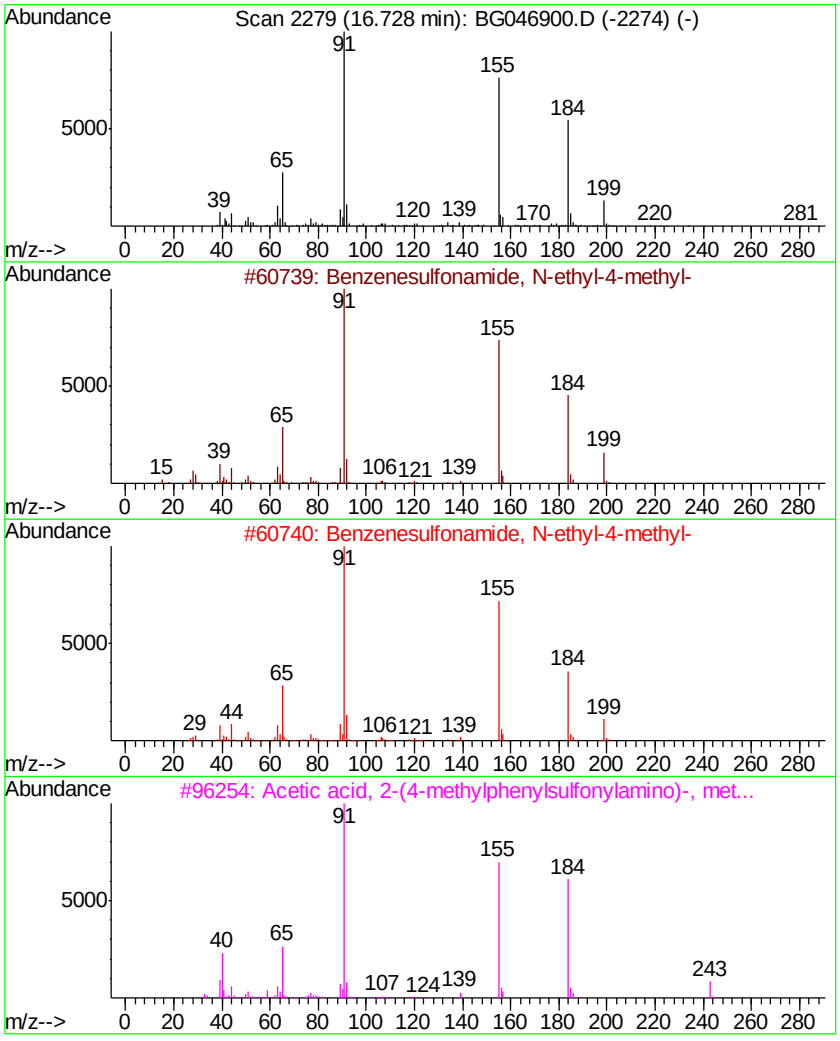
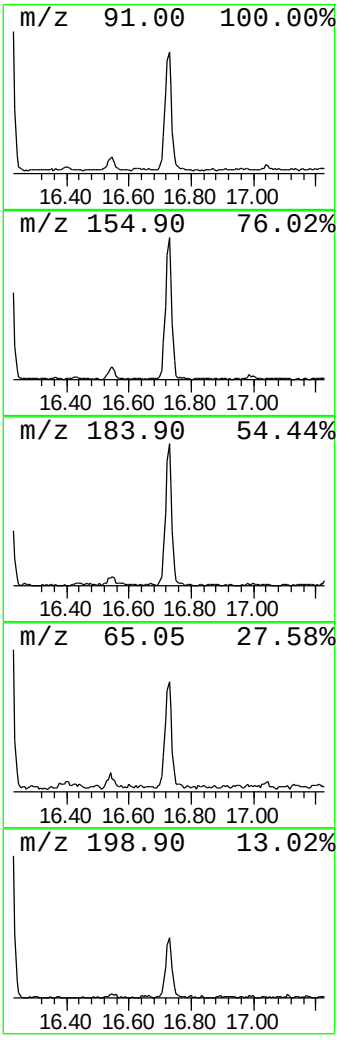
Peak Number 18 Benzenesulfonamide, N-ethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	7.06 ng/ul	404466	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	98
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	96
3	Acetic acid, 2-(4-methylphenylsu...	243	C10H13NO4S	002645-02-5	90
4	Benzenesulfonamide, N-butyl-4-me...	227	C11H17NO2S	001907-65-9	90
5	4-Methyl-N-[2-(3-nitro-[1,2,4]tr...	311	C11H13N5O4S	1000301-03-5	83





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Data File : BG046900.D
Acq On : 14 Oct 2020 19:48
Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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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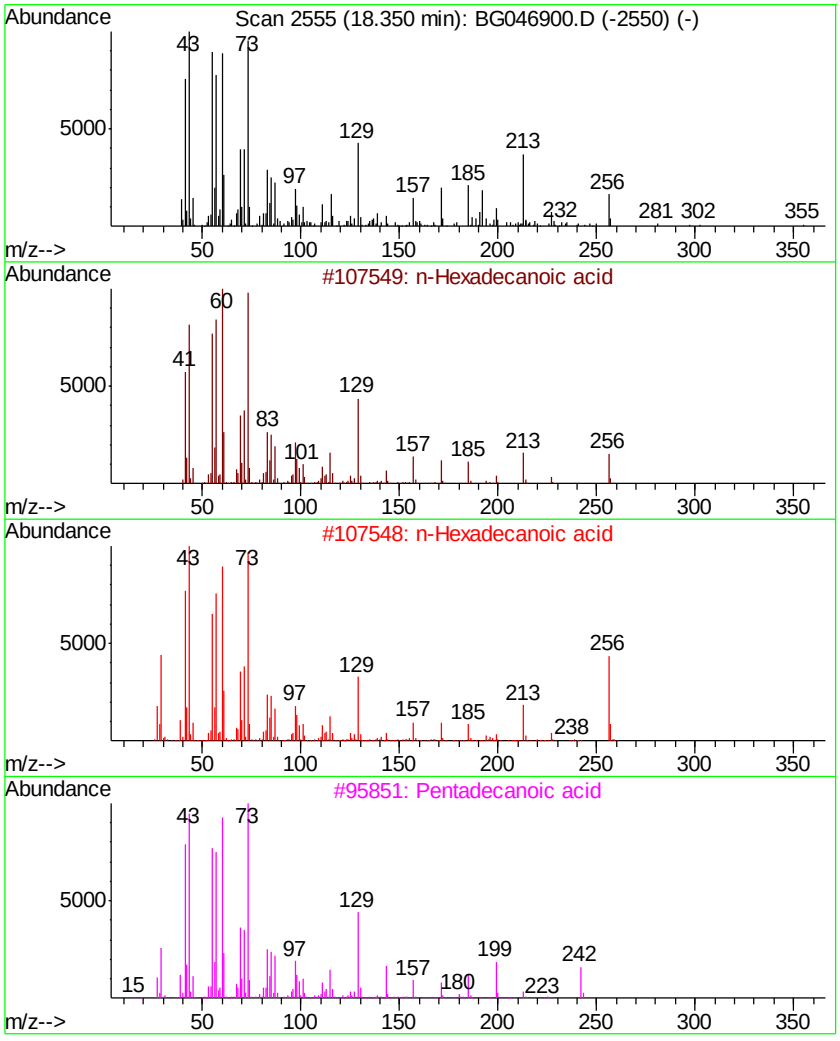
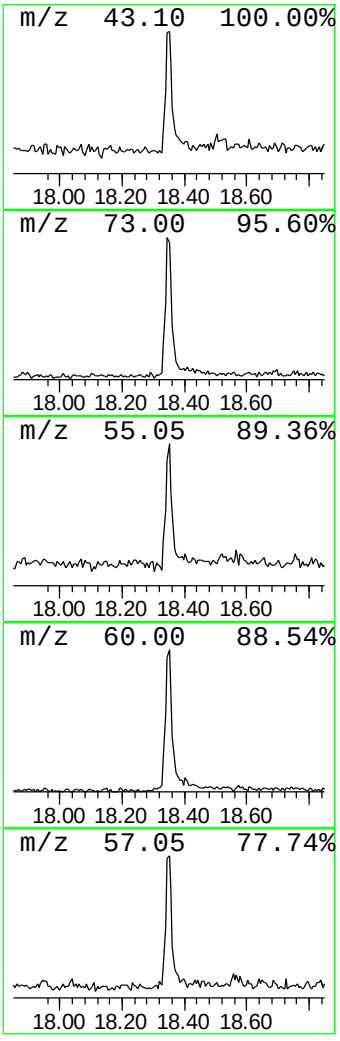
Peak Number 19 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	5.72 ng/ul	327608	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	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046900.D
Acq On : 14 Oct 2020 19:48
Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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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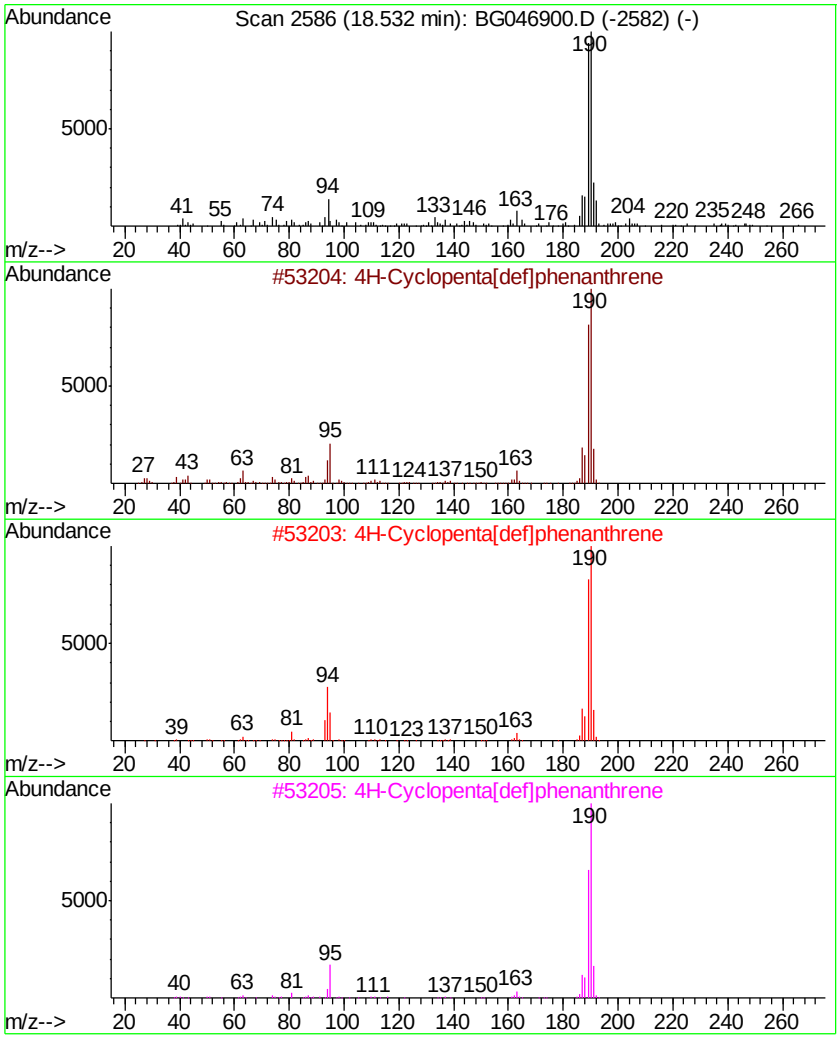
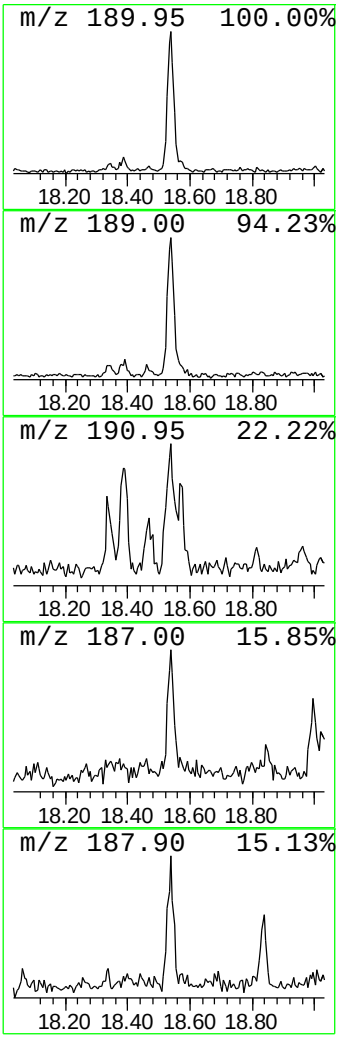
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.55 ng/ul	145844	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	62





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Data File : BG046900.D
Acq On : 14 Oct 2020 19:48
Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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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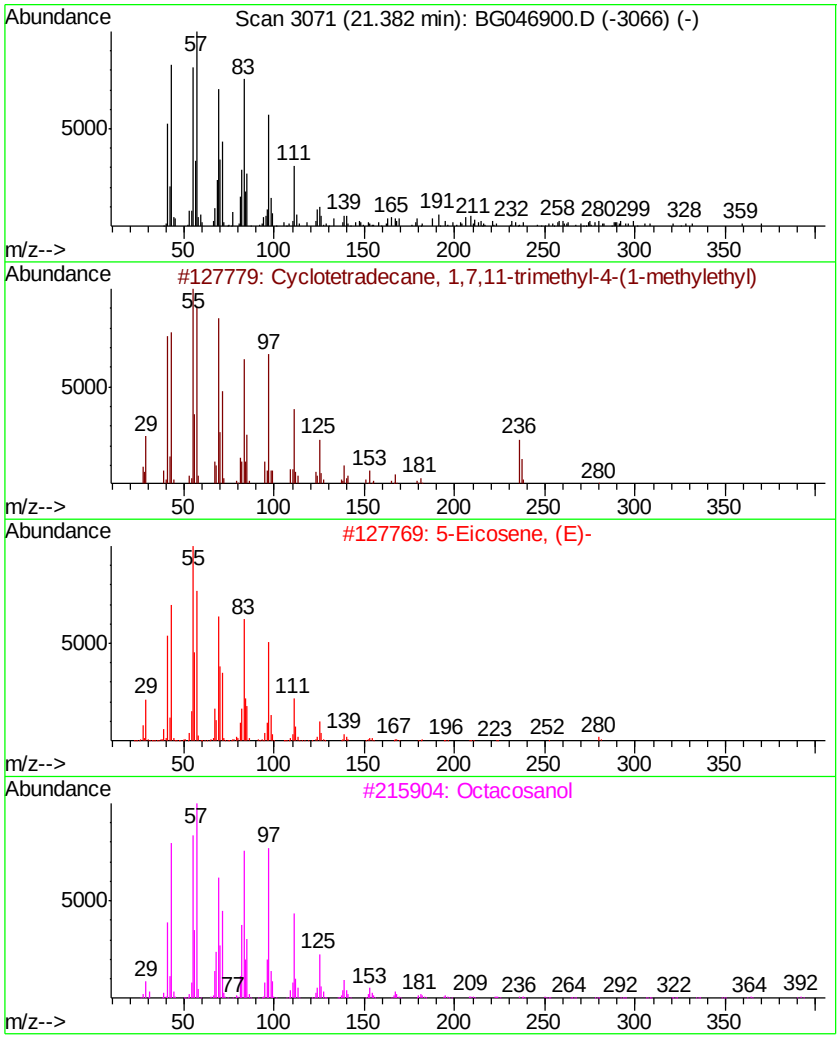
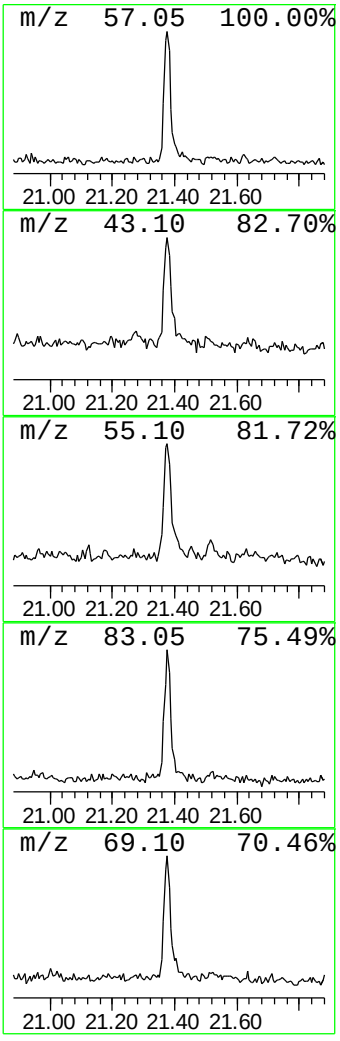
Peak Number 21 (DEL) Alkane: Cyclic21.38 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	4.73 ng/ul	347904	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane, 1,7,11-trimeth...	280	C20H40	001786-12-5	95
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	83
3	Octacosanol	410	C28H58O	000557-61-9	76
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	76
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101420\
Data File : BG046900.D
Acq On : 14 Oct 2020 19:48
Operator : CG/JU
Sample : L4360-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7X8

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	4.4	ng/ul	106315	1	8.10	484237	20.0
Benzene, chloro-	5.41	6.4	ng/ul	154017	1	8.10	484237	20.0
3-Carene	8.00	3.9	ng/ul	93192	1	8.10	484237	20.0
Indane	8.47	10.1	ng/ul	244478	1	8.10	484237	20.0
Benzenamine, 3-me...	9.08	7.9	ng/ul	191415	1	8.10	484237	20.0
unknown-01	9.20	2.2	ng/ul	52333	1	8.10	484237	20.0
unknown-02	9.62	2.6	ng/ul	84142	2	10.91	651383	20.0
Cyclohexanemethan...	10.27	10.3	ng/ul	335999	2	10.91	651383	20.0
unknown-03	10.45	3.3	ng/ul	108624	2	10.91	651383	20.0
Phenol, m-tert-bu...	12.23	4.1	ng/ul	134914	2	10.91	651383	20.0
1H-Inden-1-one, 2...	12.27	2.5	ng/ul	81961	2	10.91	651383	20.0
Benzenamine, 2-ch...	12.39	2.4	ng/ul	76933	2	10.91	651383	20.0
unknown-04	14.64	2.3	ng/ul	104607	3	14.72	929718	20.0
Diethyltoluamide	15.45	3.8	ng/ul	174391	3	14.72	929718	20.0
Benzenesulfonamid...	16.22	14.2	ng/ul	811488	4	17.46	1145180	20.0
2(3H)-Benzothiazo...	16.39	4.5	ng/ul	256960	4	17.46	1145180	20.0
1-Acenaphthenol	16.43	2.9	ng/ul	167969	4	17.46	1145180	20.0
Benzenesulfonamid...	16.73	7.1	ng/ul	404466	4	17.46	1145180	20.0
n-Hexadecanoic acid	18.35	5.7	ng/ul	327608	4	17.46	1145180	20.0
4H-Cyclopenta[def...	18.53	2.5	ng/ul	145844	4	17.46	1145180	20.0
(DEL) Alkane: Cyc...	21.38	4.7	ng/ul	347904	5	21.74	1472600	20.0