LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048195.D
Acq On : 18 Feb 2021 14:43
Operator : CG/JU
Sample : M1408-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGN0

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-BG021321MA.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	5.735	400	408	419	rBV2	43006	98500	0.53%	0.185%
2	6.111	461	472	480	rBV2	53024	100217	0.54%	0.188%
3	7.298	667	674	686	rVB2	54381	121878	0.66%	0.229%
4	7.439	691	698	704	rBV	137757	236595	1.28%	0.445%
5	7.651	728	734	741	rBV	171093	296727	1.60%	0.558%
6	7.757	746	752	758	rVB2	52007	83833	0.45%	0.158%
7	7.833	758	765	772	rBV	226686	383654	2.08%	0.721%
8	8.115	803	813	819	rBV	162107	277458	1.50%	0.522%
9	8.227	826	832	839	rVB	27893	44599	0.24%	0.084%
10	8.485	870	876	882	rBV	58254	97815	0.53%	0.184%
11	8.656	897	905	913	rBV	414572	715030	3.87%	1.344%
12	8.838	927	936	945	rBV	134903	244254	1.32%	0.459%
13	8.967	951	958	966	rVB	156219	275534	1.49%	0.518%
14	9.284	1005	1012	1019	rVV	202817	369741	2.00%	0.695%
15	9.478	1035	1045	1052	rVB2	41370	76433	0.41%	0.144%
16	9.596	1052	1065	1072	rBV2	135558	295764	1.60%	0.556%
17	9.666	1072	1077	1081	rVB3	25385	42730	0.23%	0.080%
18	10.007	1128	1135	1142	rBV	187255	340381	1.84%	0.640%
19	10.324	1182	1189	1197	rBV6	23573	63787	0.35%	0.120%
20	10.565	1222	1230	1238	rBV	253630	469009	2.54%	0.882%
21	10.859	1277	1280	1286	rVV3	24908	44149	0.24%	0.083%
22	11.012	1286	1306	1313	rVV	7906401	18488358	100.00%	34.759%
23	11.106	1313	1322	1331	rVB	802269	1464720	7.92%	2.754%
24	11.299	1346	1355	1363	rBV5	57470	118598	0.64%	0.223%
25	11.546	1390	1397	1403	rVV6	20850	50629	0.27%	0.095%
26	11.952	1460	1466	1471	rBV3	28019	47912	0.26%	0.090%
27	12.010	1471	1476	1481	rVV4	22129	47057	0.25%	0.088%
28	12.298	1518	1525	1534	rVB9	19275	60059	0.32%	0.113%
29	12.475	1544	1555	1559	rBV4	48461	107139	0.58%	0.201%
30	12.522	1559	1563	1566	rVV4	25225	44050	0.24%	0.083%
31	12.580	1566	1573	1579	rVV	1131703	1834810	9.92%	3.450%
32	12.692	1587	1592	1599	rVV	39020	77383	0.42%	0.145%
33	12.798	1599	1610	1616	rVB	599561	1073991	5.81%	2.019%
34	12.903	1623	1628	1632	rBV3	25928	41573	0.22%	0.078%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1408-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGN0

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-BG021321MA.M
Title : SVOA CALIBRATION

35	12.956	1632	1637	1647	rVV2	50626	100755	0.54%	0.189%
36	13.209	1675	1680	1687	rVV7	35963	94541	0.51%	0.178%
37	13.268	1687	1690	1699	rVB5	19156	41615	0.23%	0.078%
38	13.485	1717	1727	1733	rBV5	36529	85619	0.46%	0.161%
39	13.573	1734	1742	1748	rBV	312507	496515	2.69%	0.933%
40	13.708	1760	1765	1769	rBV4	21280	40120	0.22%	0.075%
41	13.773	1769	1776	1788	rVB2	48128	146241	0.79%	0.275%
42	13.914	1788	1800	1807	rBV3	158272	343262	1.86%	0.645%
43	13.985	1807	1812	1819	rVV10	21833	42375	0.23%	0.080%
44	14.061	1819	1825	1830	rVV2	87830	172543	0.93%	0.324%
45	14.143	1830	1839	1844	rVV	513695	823562	4.45%	1.548%
46	14.190	1844	1847	1851	rVV	36135	54150	0.29%	0.102%
47	14.302	1861	1866	1874	rVB3	39915	88607	0.48%	0.167%
48	14.437	1882	1889	1899	rVB	504605	919431	4.97%	1.729%
49	14.743	1930	1941	1946	rVV	368737	631539	3.42%	1.187%
50	14.807	1946	1952	1958	rVV	829102	1274599	6.89%	2.396%
51	14.878	1958	1964	1974	rVV	382504	609372	3.30%	1.146%
52	14.972	1975	1980	1983	rVV3	53420	90044	0.49%	0.169%
53	15.013	1983	1987	1992	rVV	111930	183048	0.99%	0.344%
54	15.083	1994	1999	2003	rVV2	129098	209002	1.13%	0.393%
55	15.136	2003	2008	2017	rVB	737061	1190813	6.44%	2.239%
56	15.289	2028	2034	2040	rBV	289271	469684	2.54%	0.883%
57	15.371	2040	2048	2057	rVB	96560	200315	1.08%	0.377%
58	15.730	2104	2109	2114	rBV	678451	990321	5.36%	1.862%
59	15.788	2114	2119	2125	rVB	526108	800855	4.33%	1.506%
60	15.853	2125	2130	2134	rBV	288207	437536	2.37%	0.823%
61	15.894	2134	2137	2143	rVB5	72697	132018	0.71%	0.248%
62	16.006	2152	2156	2159	rBV	34447	39869	0.22%	0.075%
63	16.076	2164	2168	2177	rVB2	56369	97053	0.52%	0.182%
64	16.182	2177	2186	2188	rBV7	22394	49379	0.27%	0.093%
65	16.223	2188	2193	2202	rVB2	62184	148259	0.80%	0.279%
66	16.458	2227	2233	2244	rVB3	95774	204073	1.10%	0.384%
67	16.670	2260	2269	2276	rBV	133771	211332	1.14%	0.397%
68	16.746	2276	2282	2289	rBV	291874	439294	2.38%	0.826%
69	16.993	2319	2324	2327	rBV3	44545	74529	0.40%	0.140%
70	17.140	2340	2349	2358	rVV4	463104	812569	4.40%	1.528%
71	17.304	2371	2377	2381	rBV	54658	78825	0.43%	0.148%

LSC Area Percent Report

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Sample : M1408-13
Misc :
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Instrument : BNA_G
ClientSampleId : DBGN0

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-BG021321MA.M
Title : SVOA CALIBRATION

72	17.375	2387	2389	2395	rVB	35200	42601	0.23%	0.080%
73	17.439	2395	2400	2403	rBV2	80230	113607	0.61%	0.214%
74	17.486	2403	2408	2411	rBV	464261	676199	3.66%	1.271%
75	17.527	2411	2415	2420	rVV2	451648	685870	3.71%	1.289%
76	17.586	2420	2425	2430	rVB2	685516	1032441	5.58%	1.941%
77	17.851	2466	2470	2472	rBV	39575	47946	0.26%	0.090%
78	17.898	2472	2478	2485	rVB	1791933	2773242	15.00%	5.214%
79	17.992	2489	2494	2499	rVB	34755	58907	0.32%	0.111%
80	18.056	2499	2505	2510	rBV	312078	502154	2.72%	0.944%
81	18.191	2525	2528	2532	rVB2	48014	61351	0.33%	0.115%
82	18.409	2560	2565	2568	rBV	87806	125059	0.68%	0.235%
83	18.450	2569	2572	2575	rVV	66398	109997	0.59%	0.207%
84	18.479	2575	2577	2584	rVB	92395	134345	0.73%	0.253%
85	18.550	2584	2589	2599	rVB6	50714	101002	0.55%	0.190%
86	18.638	2599	2604	2608	rBV6	37551	81201	0.44%	0.153%
87	18.703	2612	2615	2619	rVV	53998	81174	0.44%	0.153%
88	18.738	2619	2621	2626	rVB2	38531	46594	0.25%	0.088%
89	18.802	2626	2632	2636	rBV2	58376	101474	0.55%	0.191%
90	18.849	2636	2640	2644	rVV	57935	89137	0.48%	0.168%
91	18.896	2644	2648	2653	rVB2	42185	61787	0.33%	0.116%
92	19.355	2722	2726	2731	rVB	53232	78762	0.43%	0.148%
93	19.525	2752	2755	2762	rVB2	36433	57308	0.31%	0.108%
94	19.625	2768	2772	2783	rVB5	34087	87251	0.47%	0.164%
95	19.866	2807	2813	2818	rBV	1122167	1542621	8.34%	2.900%
96	20.336	2888	2893	2899	rBV	149588	224374	1.21%	0.422%
97	20.982	3000	3003	3009	rVB2	42187	68539	0.37%	0.129%
98	21.758	3129	3135	3142	rBV	529414	861257	4.66%	1.619%
99	24.825	3647	3657	3666	rVB	529387	1503583	8.13%	2.827%
100	25.048	3686	3695	3707	rVB2	314922	881809	4.77%	1.658%

Sum of corrected areas: 53189623

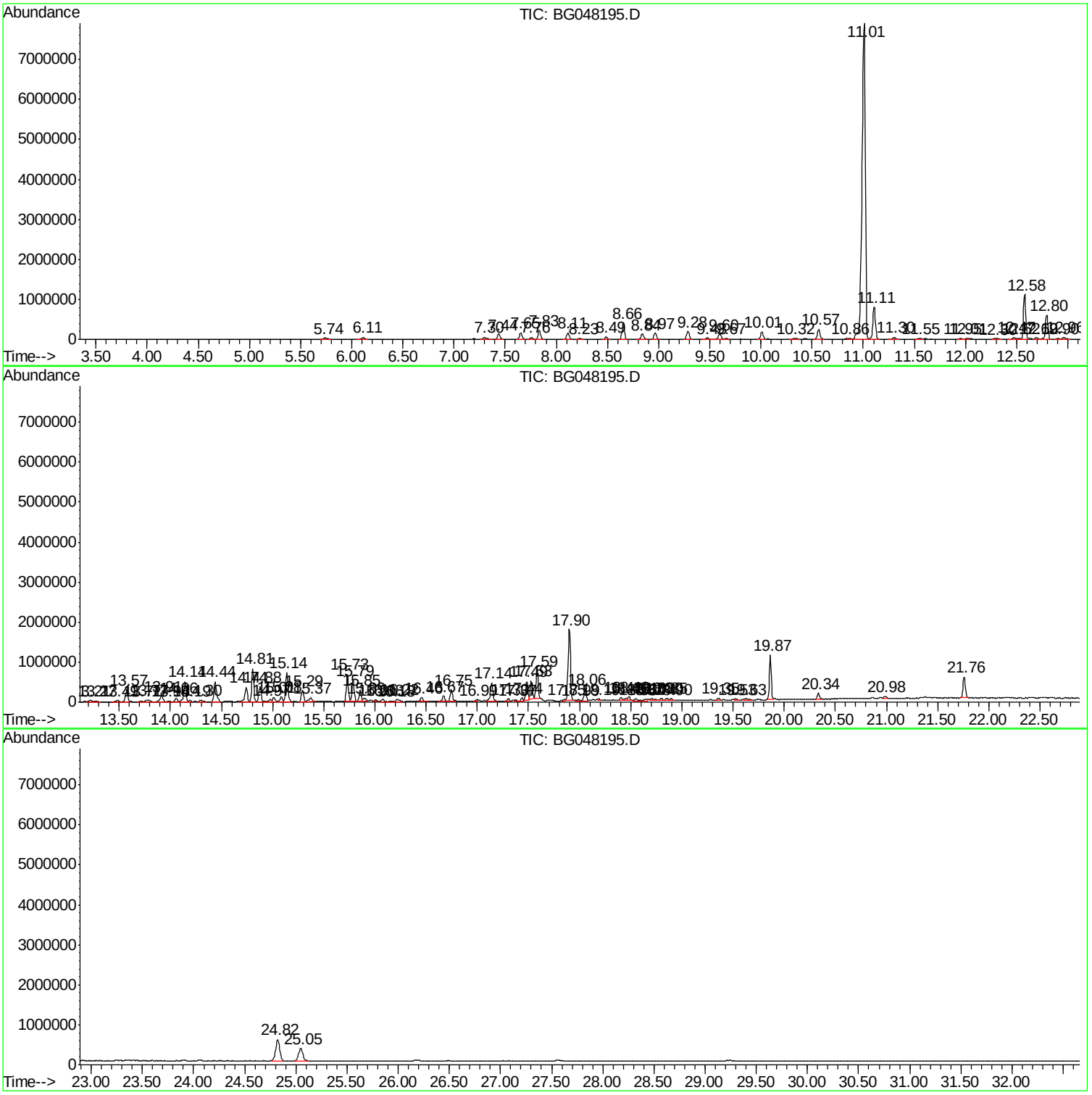
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048195.D
Acq On : 18 Feb 2021 14:43
Operator : CG/JU
Sample : M1408-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.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\BG021821\
Data File : BG048195.D
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Misc :
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Instrument : BNA_G
ClientSampleId : DBGN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

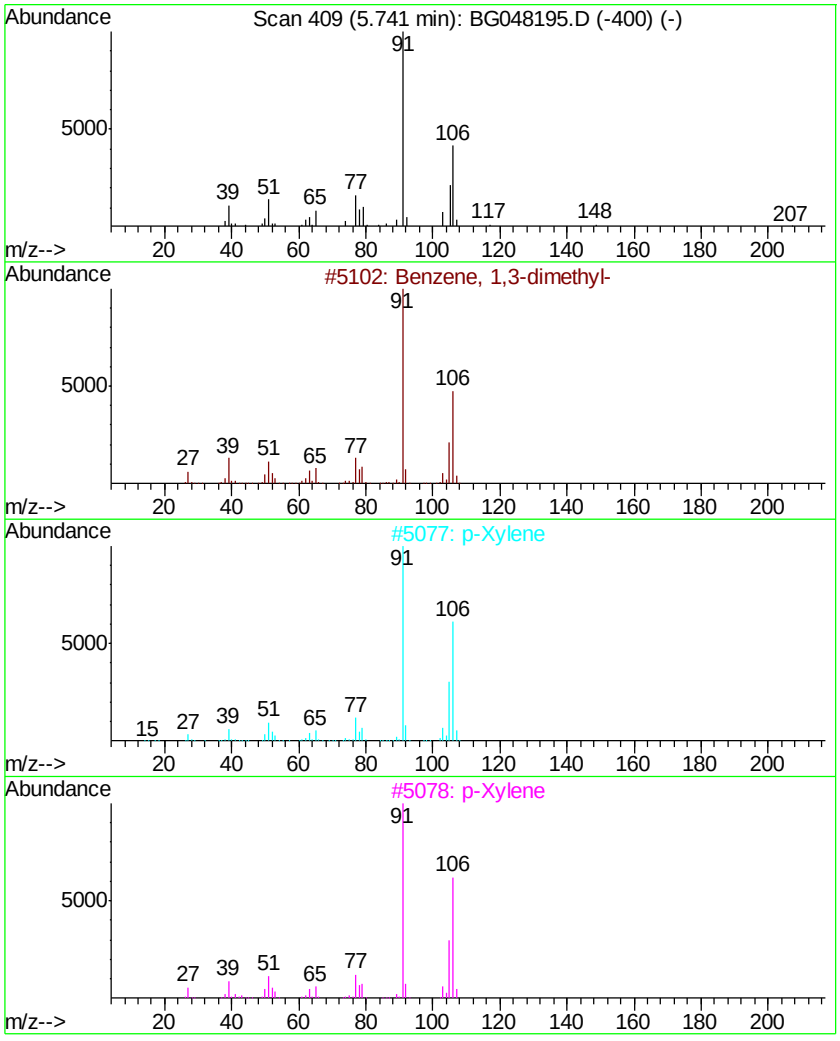
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

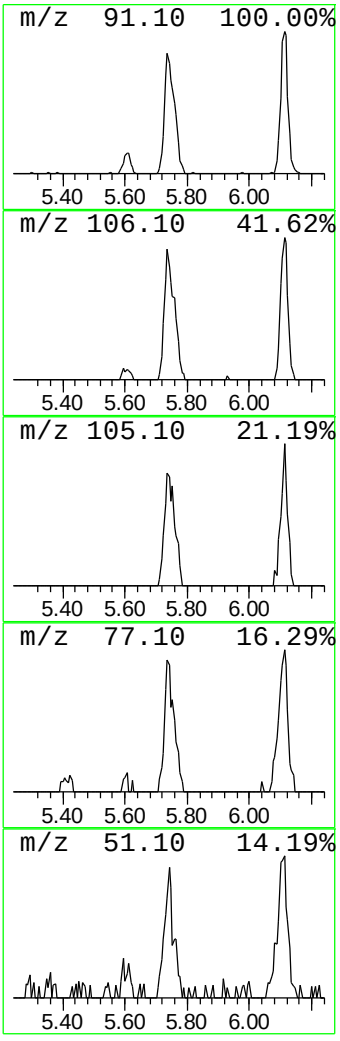
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	7.10 ng/ul	98500	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93
2	p-Xylene	106	C8H10	000106-42-3	93
3	p-Xylene	106	C8H10	000106-42-3	90
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	90
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048195.D
Acq On : 18 Feb 2021 14:43
Operator : CG/JU
Sample : M1408-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

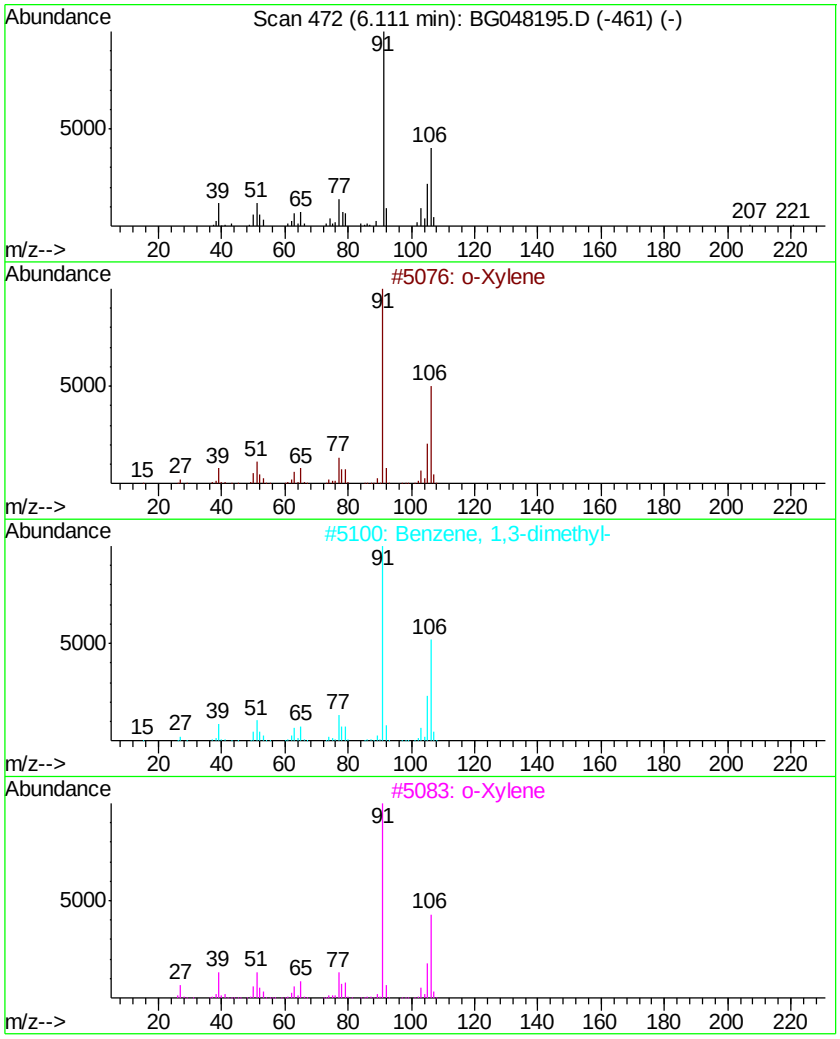
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

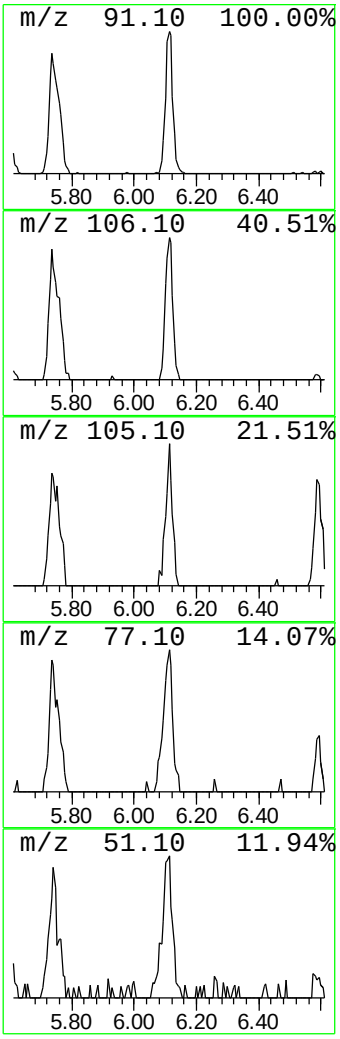
****

Peak Number 2 o-Xylene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	7.22 ng/ul	100217	1,4-Dichlorobenzene-d4	8.11

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	95
3	o-Xylene	106	C8H10	000095-47-6	95
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
5	p-Xylene	106	C8H10	000106-42-3	94





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Acq On : 18 Feb 2021 14:43
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Sample : M1408-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

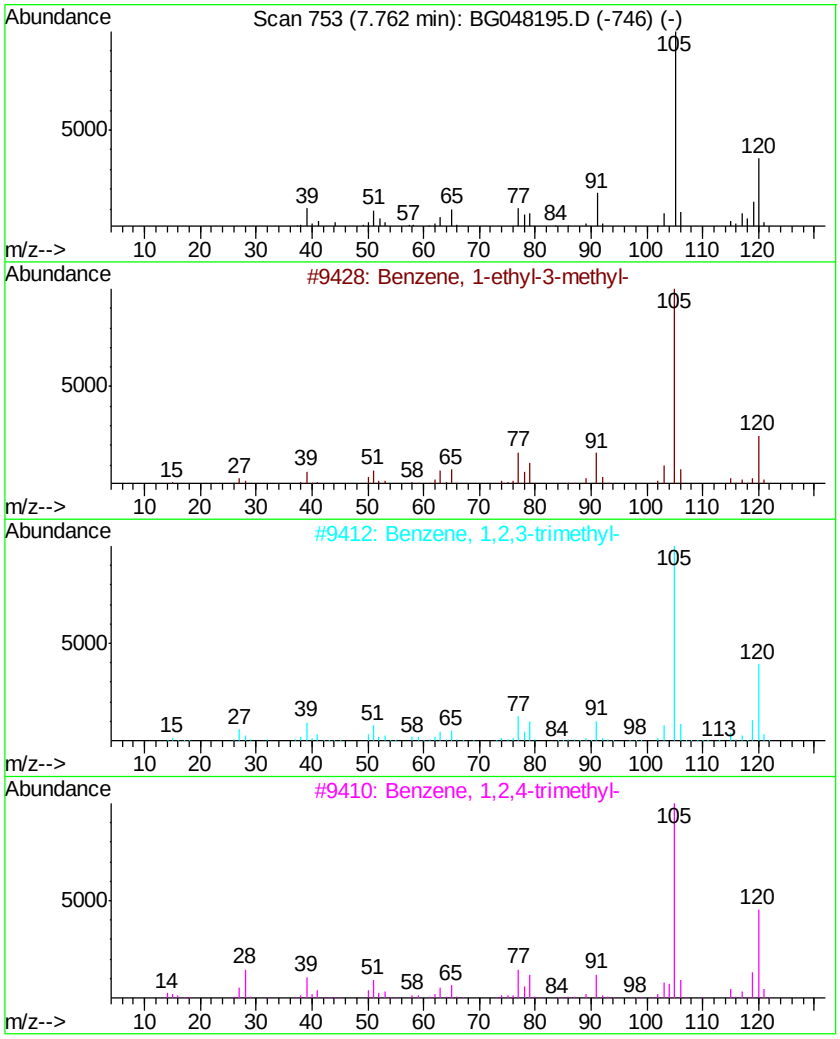
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

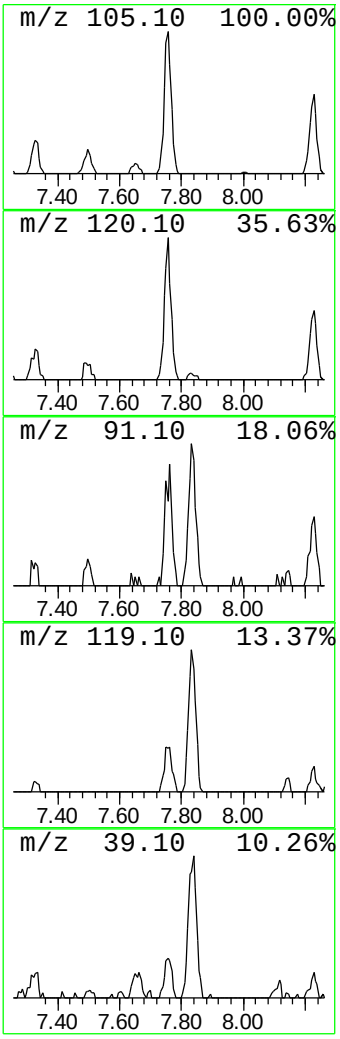
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	6.04 ng/ul	83833	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Mesitylene	120	C9H12	000108-67-8	87
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





Library Search Compound Report

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Data File : BG048195.D
Acq On : 18 Feb 2021 14:43
Operator : CG/JU
Sample : M1408-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

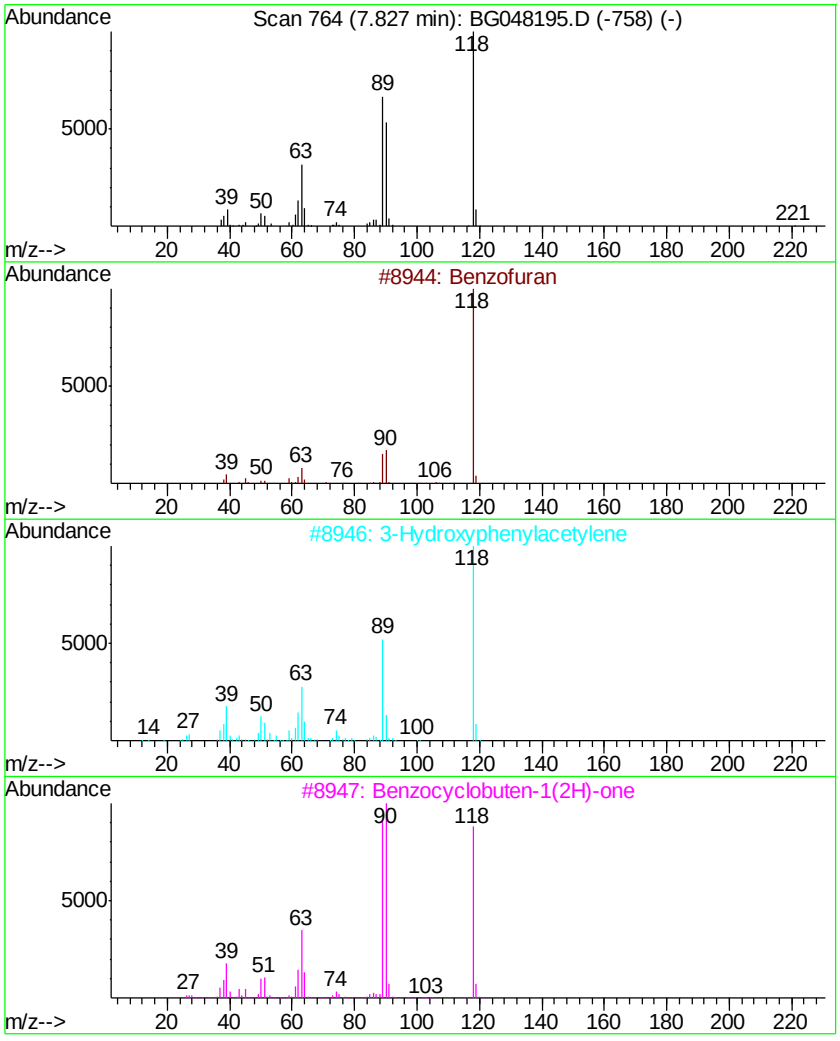
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

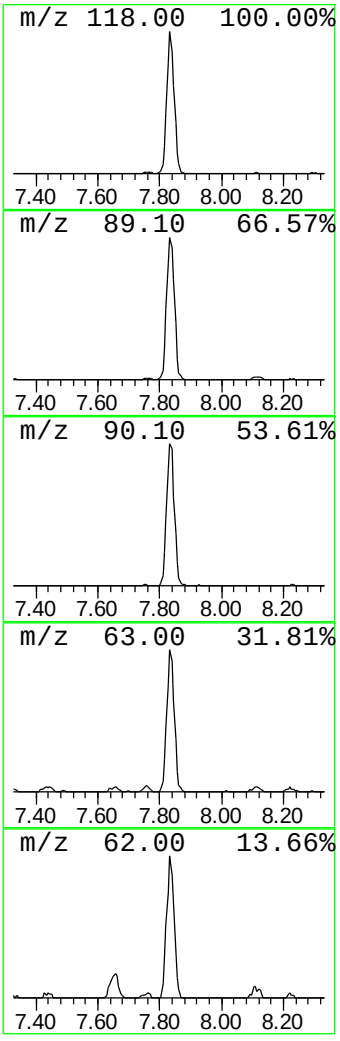
****

Peak Number 4 Benzofuran Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	27.65 ng/ul	383654	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	90
2	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	80
3	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	59
4	Benzofuran	118	C8H6O	000271-89-6	50
5	Benzofuran	118	C8H6O	000271-89-6	47





Library Search Compound Report

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Data File : BG048195.D
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Operator : CG/JU
Sample : M1408-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

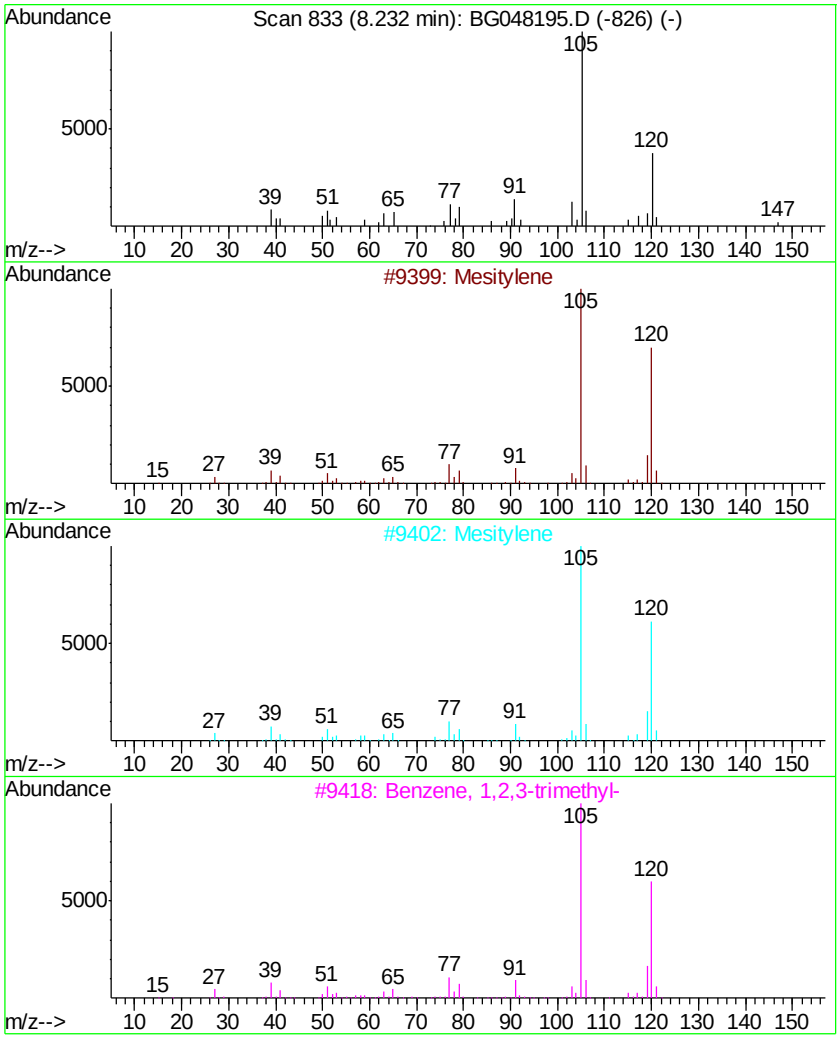
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

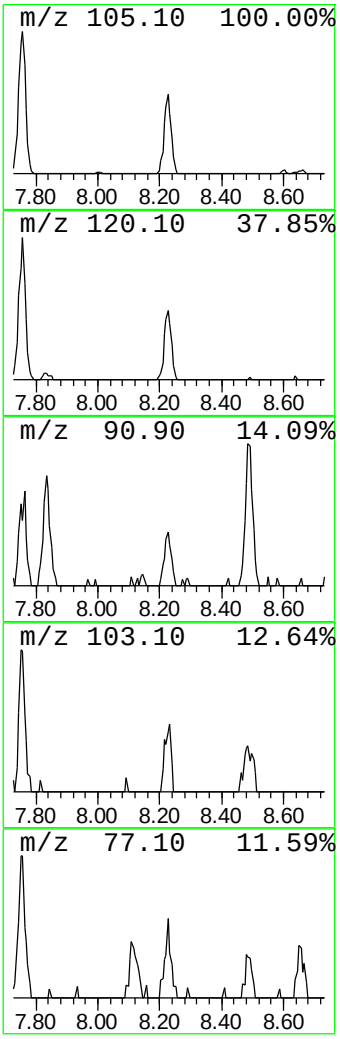
****

Peak Number 5 Mesitylene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	3.21 ng/ul	44599	1,4-Dichlorobenzene-d4	8.11

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048195.D
Acq On : 18 Feb 2021 14:43
Operator : CG/JU
Sample : M1408-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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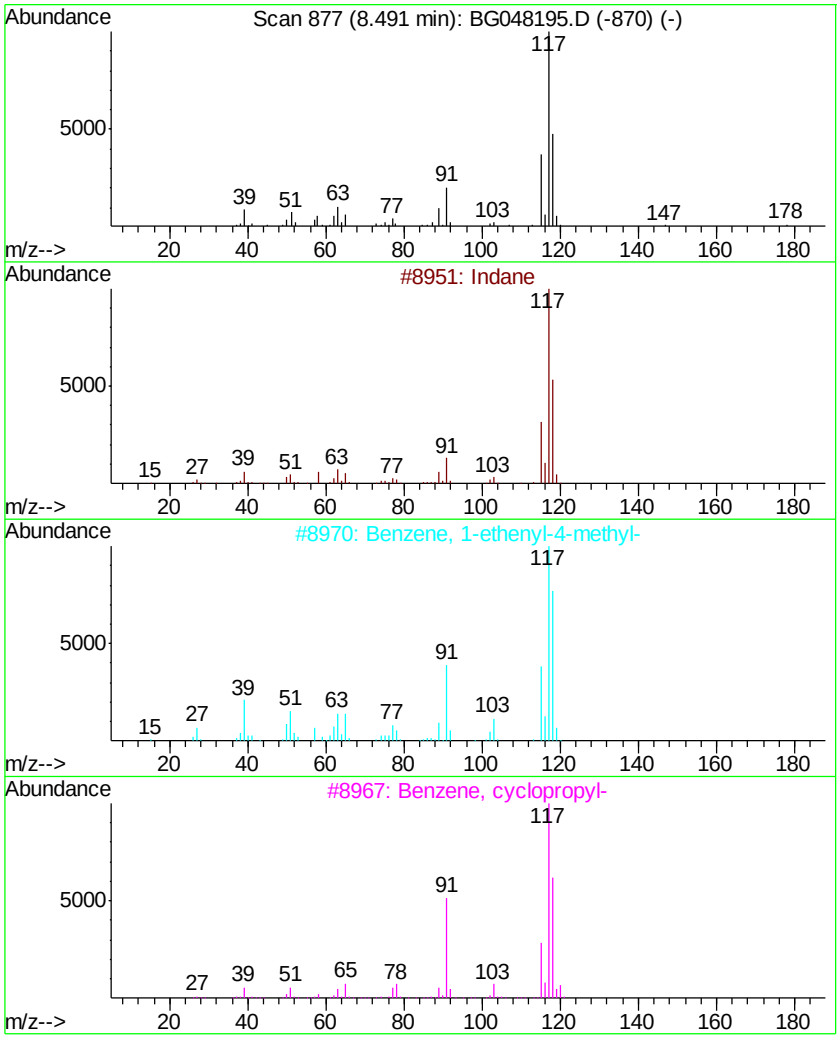
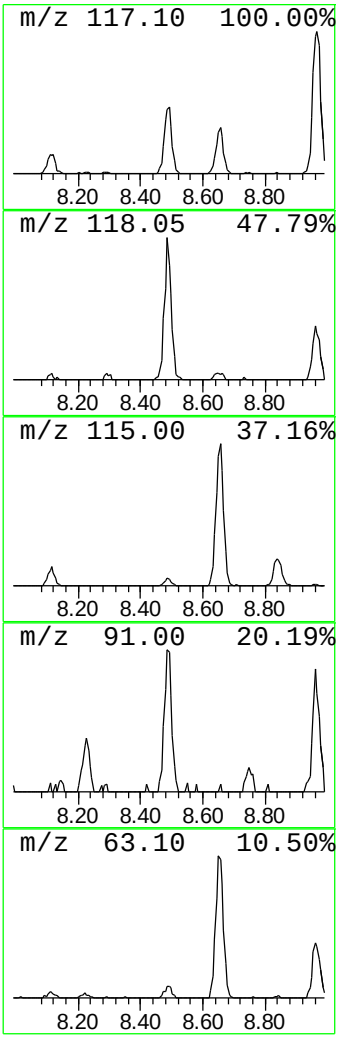
Peak Number 6 Indane Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	7.05 ng/ul	97815	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	68
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	62
4	Indane	118	C9H10	000496-11-7	60
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	59





Library Search Compound Report

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Sample : M1408-13
Misc :
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Instrument : BNA_G
ClientSampleId : DBGN0

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Quant Title : SVOA CALIBRATION

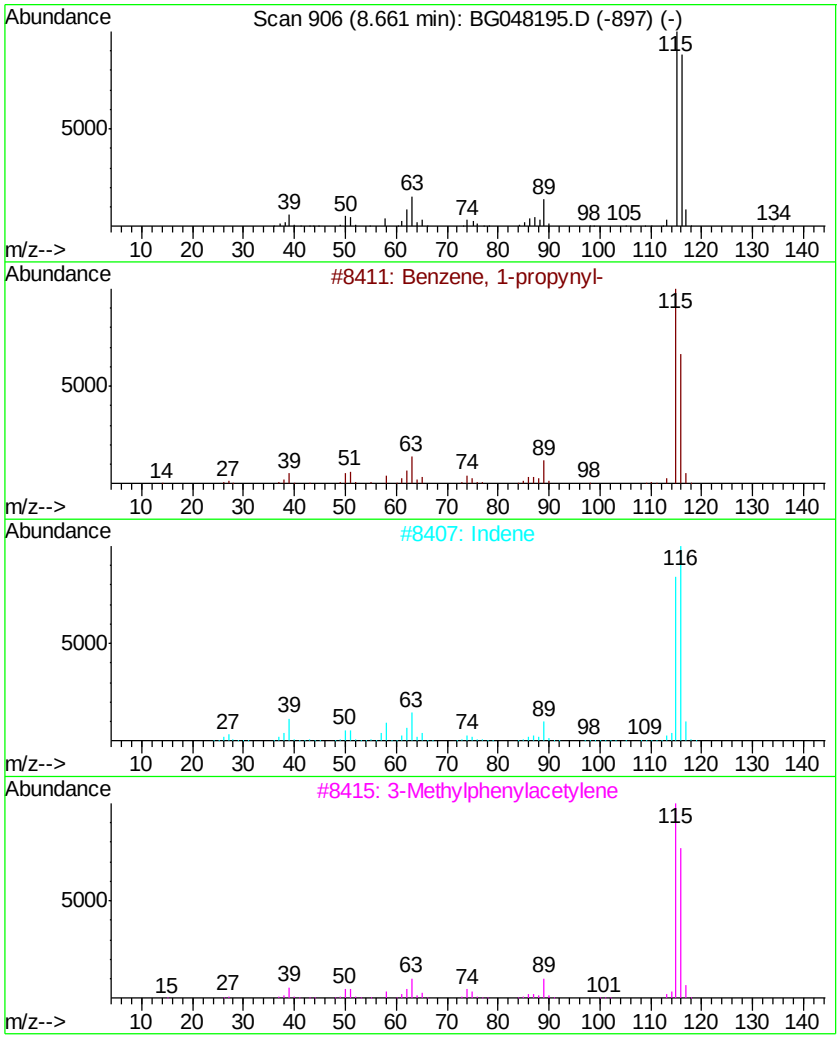
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

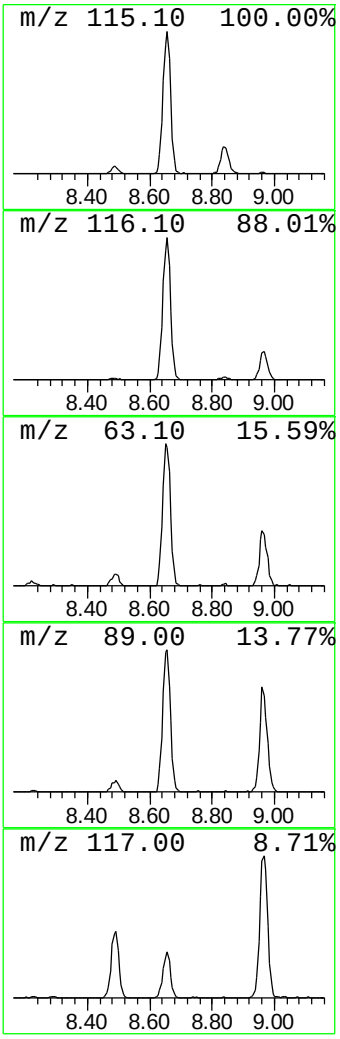
****

Peak Number 7 Benzene, 1-propynyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	51.54 ng/ul	715030	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	97
2	Indene	116	C9H8	000095-13-6	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Misc :
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Instrument : BNA_G
ClientSampleId : DBGN0

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Quant Title : SVOA CALIBRATION

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

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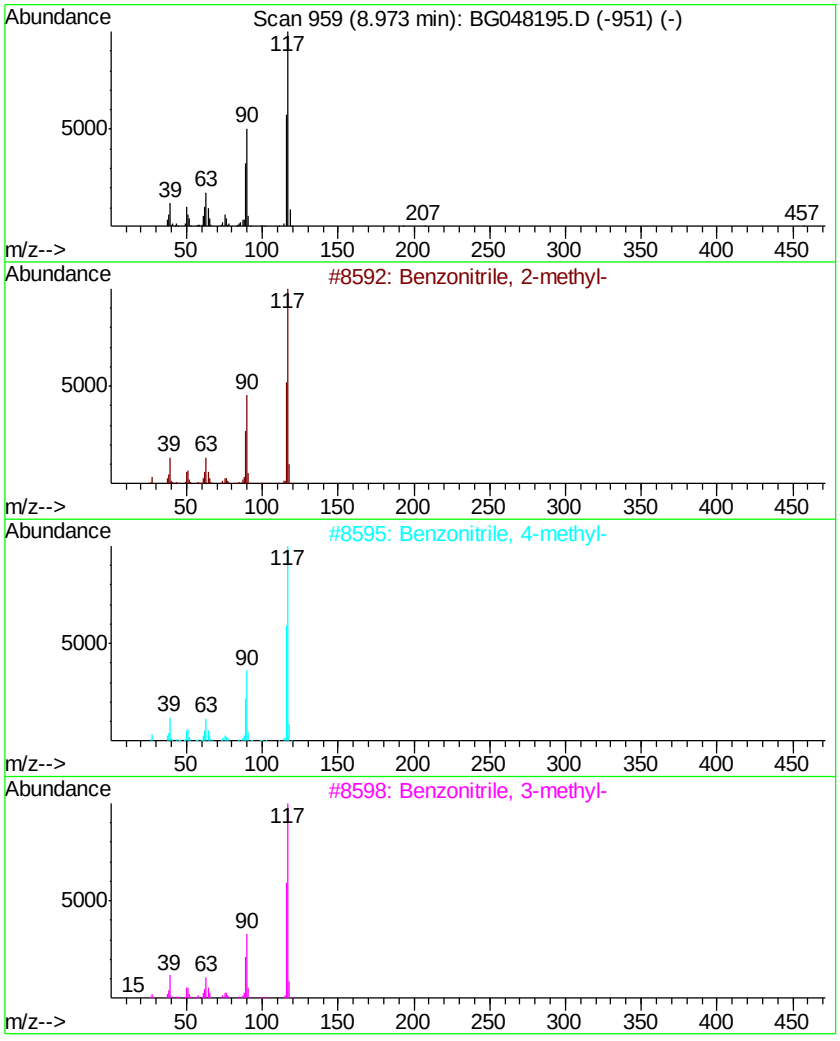
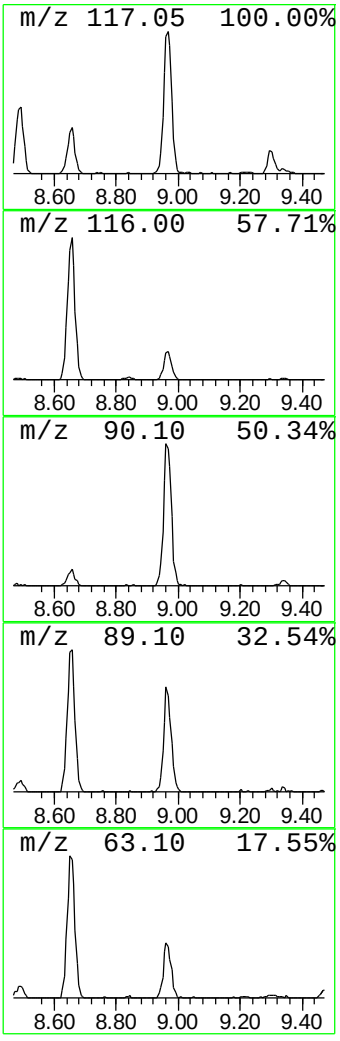
Peak Number 8 Benzonitrile, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	19.86 ng/ul	275534	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	97
2	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	97
3	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	97
4	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	97
5	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	96





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ClientSampleId : DBGN0

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Quant Title : SVOA CALIBRATION

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

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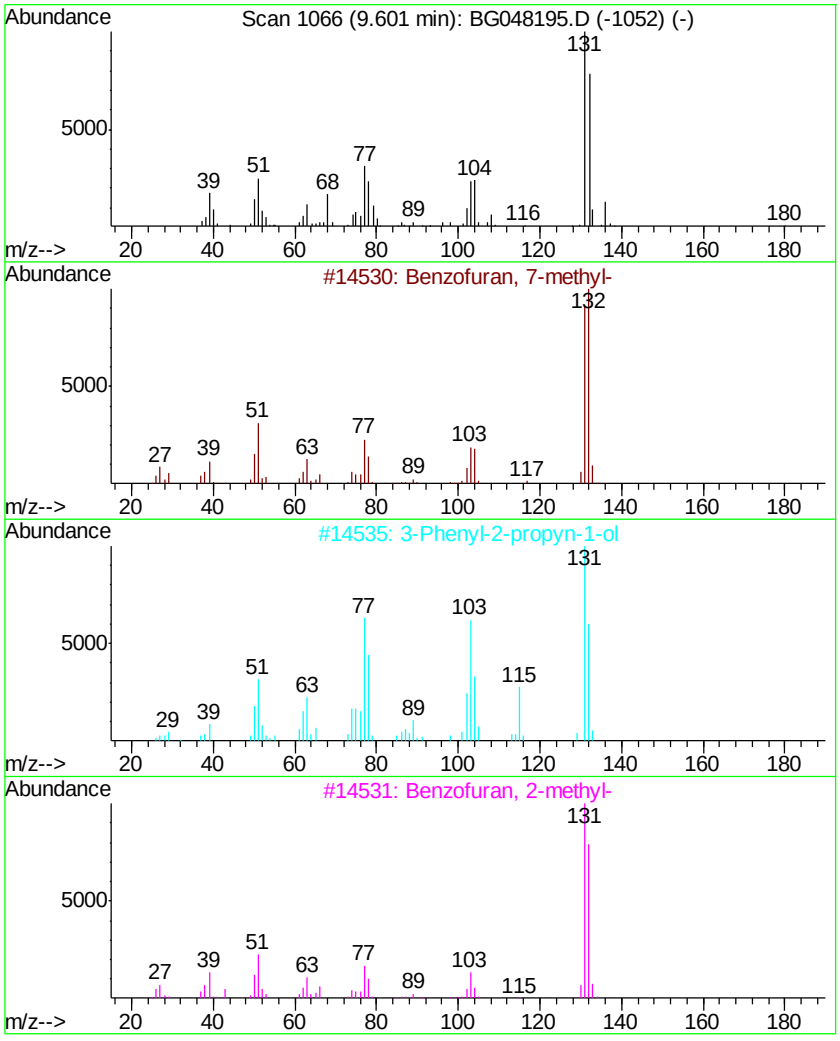
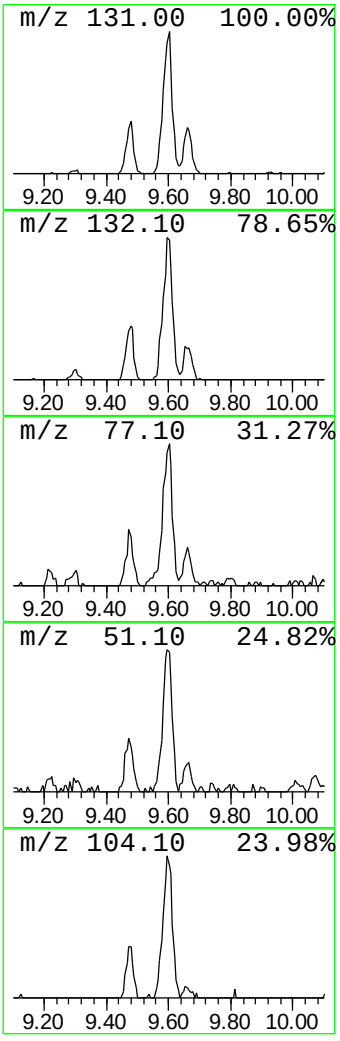
Peak Number 10 Benzofuran, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	133.98 ng/ul	295764	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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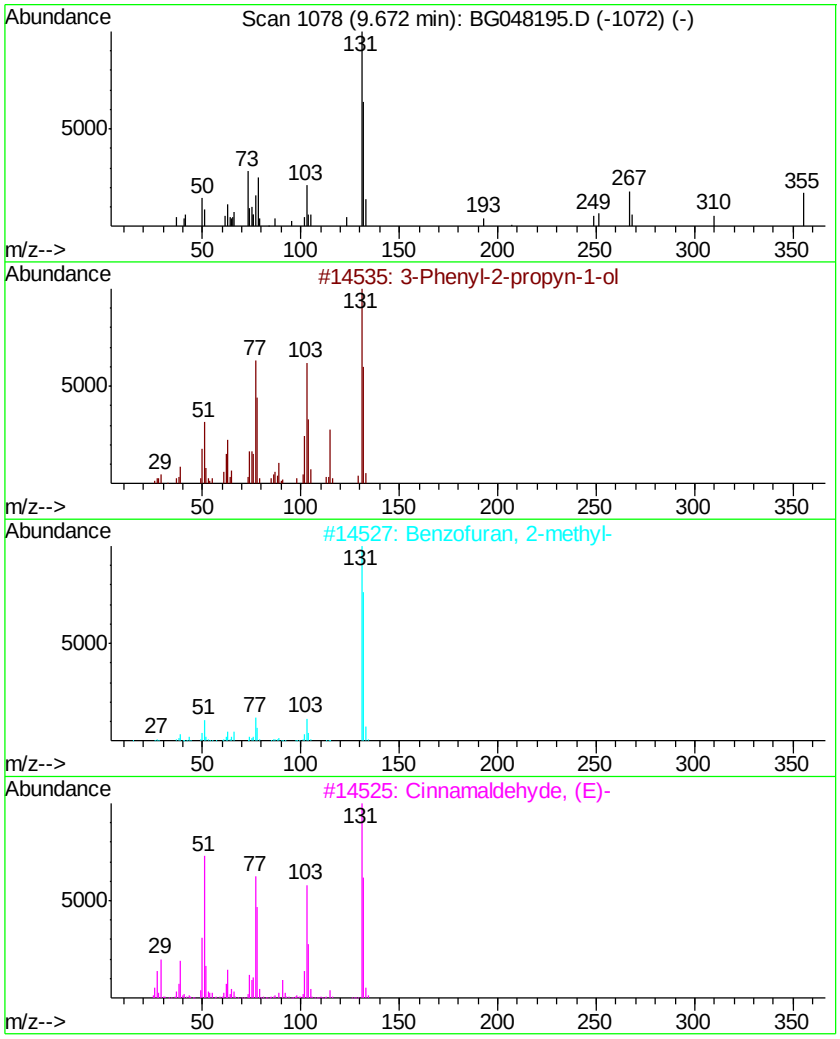
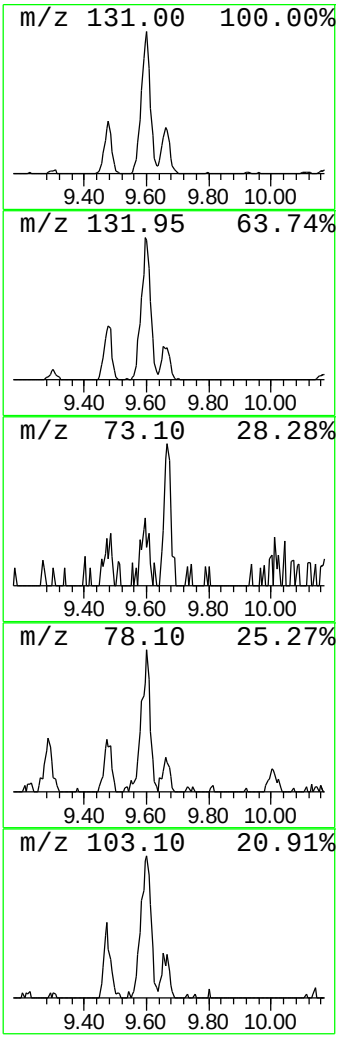
Peak Number 11 3-Phenyl-2-propyn-1-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	19.36 ng/ul	42730	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	64
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	64
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	53
4	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	50
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	47





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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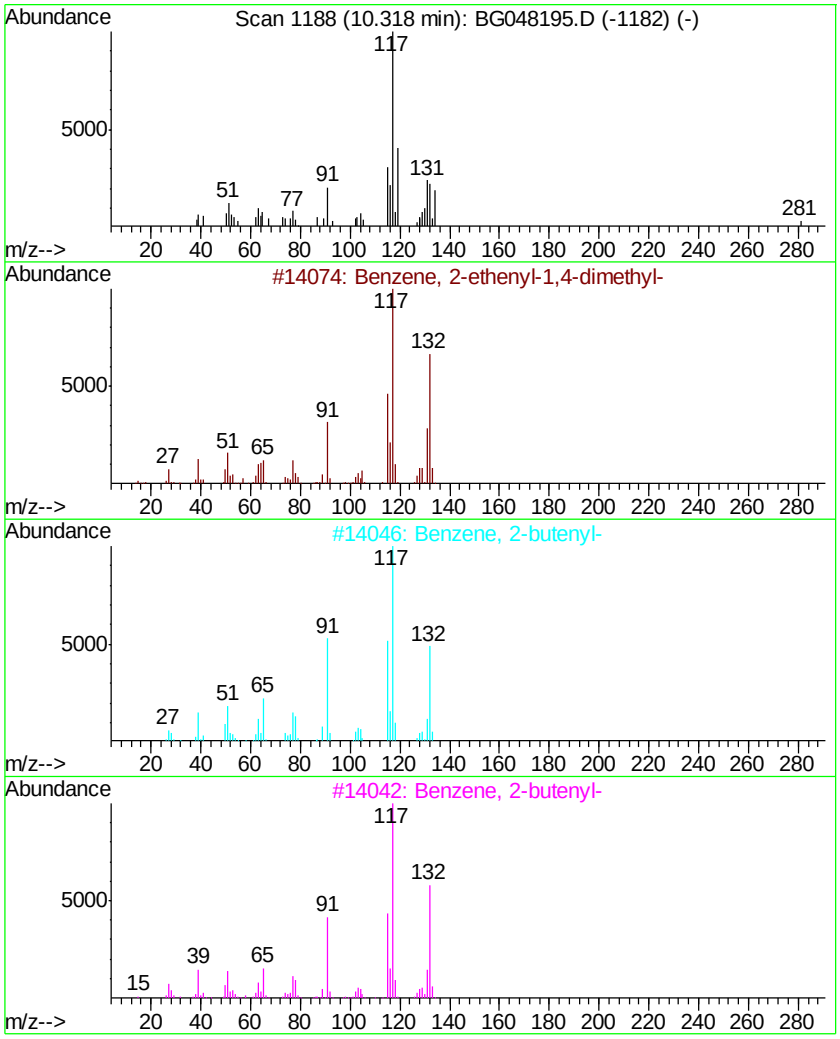
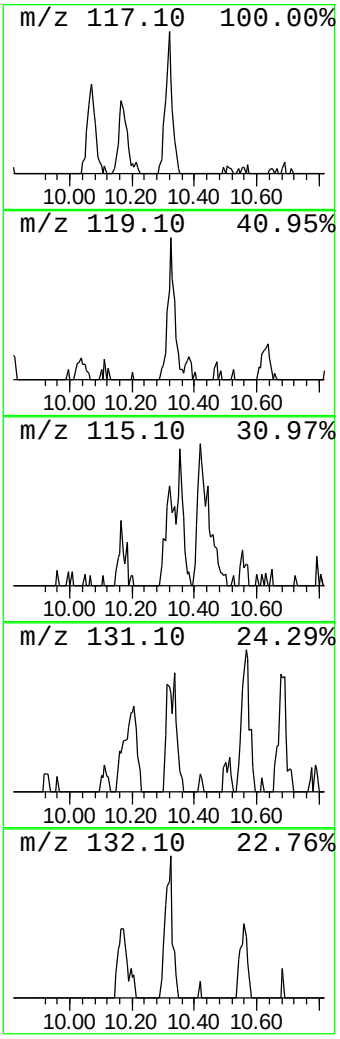
Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	28.90 ng/ul	63787	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	50
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	50





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Instrument : BNA_G
ClientSampleId : DBGN0

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Quant Title : SVOA CALIBRATION

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

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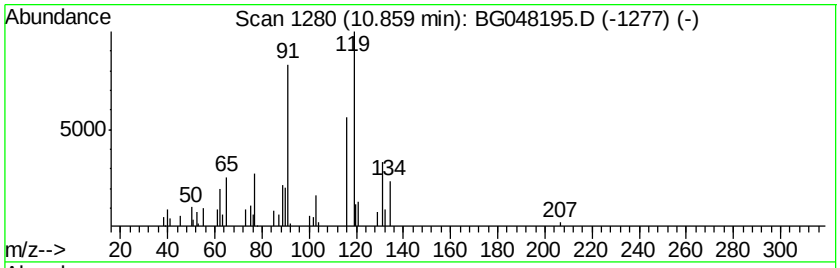
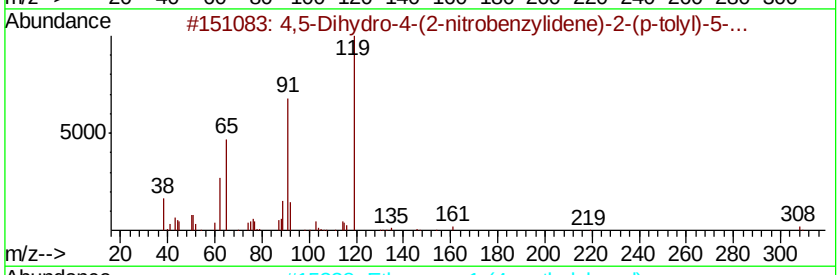
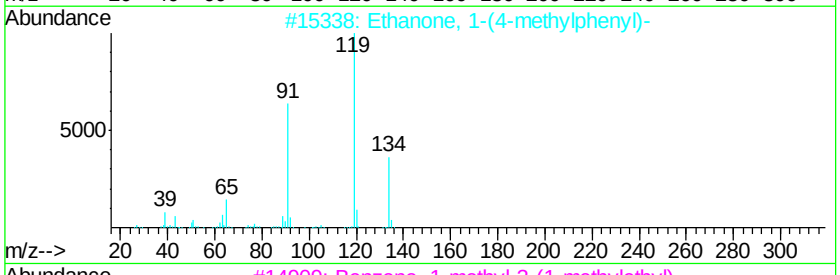
Peak Number 13 unknown-01 Concentration Rank 13

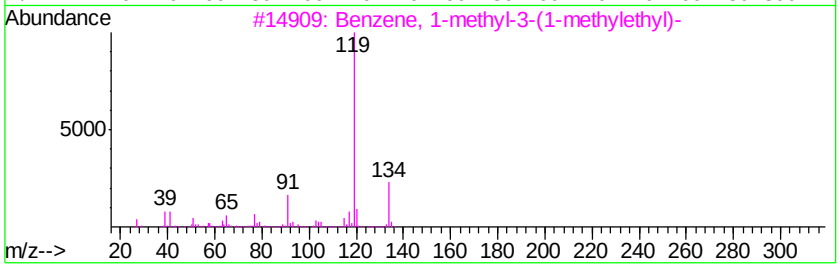
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	20.00 ng/ul	44149	Naphthalene-d8	10.94

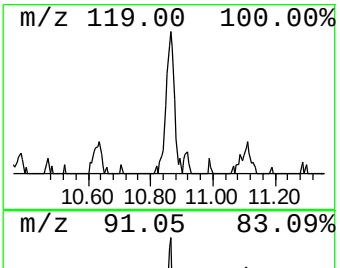
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydro-4-(2-nitrobenzyliden...	308	C17H12N2O4	299970-61-9	43
2	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	22
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	22
4	o-Cymene	134	C10H14	000527-84-4	22
5	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	22

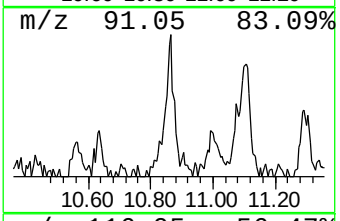


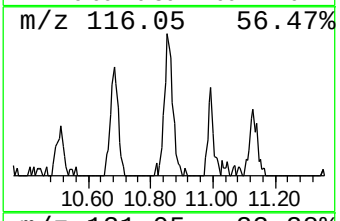


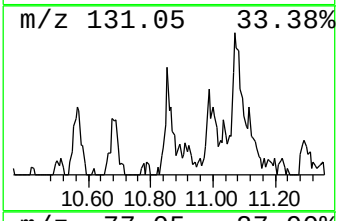


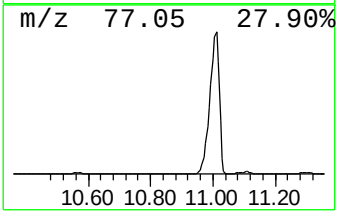












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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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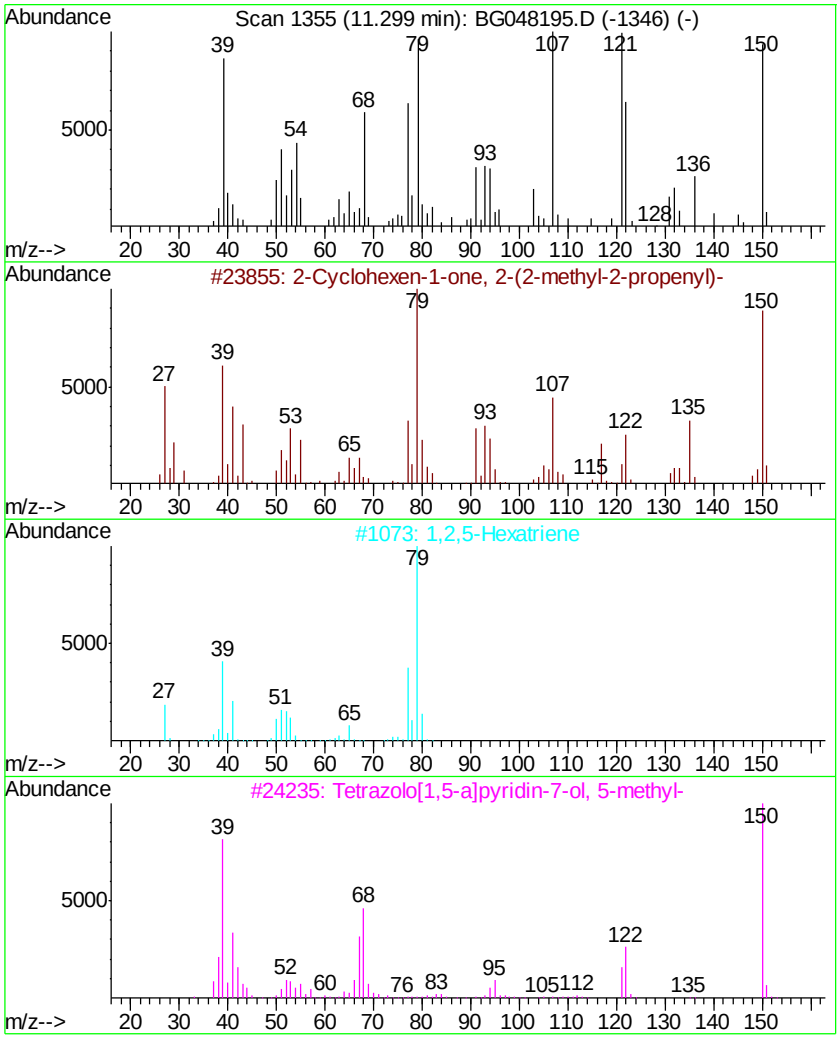
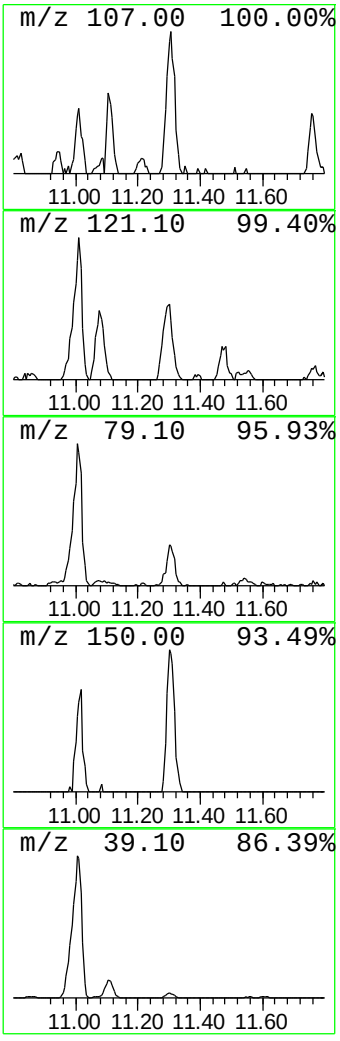
Peak Number 14 2-Cyclohexen-1-one, 2-(2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	53.73 ng/ul	118598	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 2-(2-methyl-...	150	C10H14O	018926-98-2	64
2	1,2,5-Hexatriene	80	C6H8	003642-18-0	50
3	Tetrazolo[1,5-a]pyridin-7-ol, 5-...	150	C6H6N4O	1000317-09-4	46
4	Benzenemethanol, 4-ethyl-	136	C9H12O	000768-59-2	35
5	Cyclopropene, 3-methyl-3-vinyl-	80	C6H8	071153-30-5	30





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Quant Title : SVOA CALIBRATION

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

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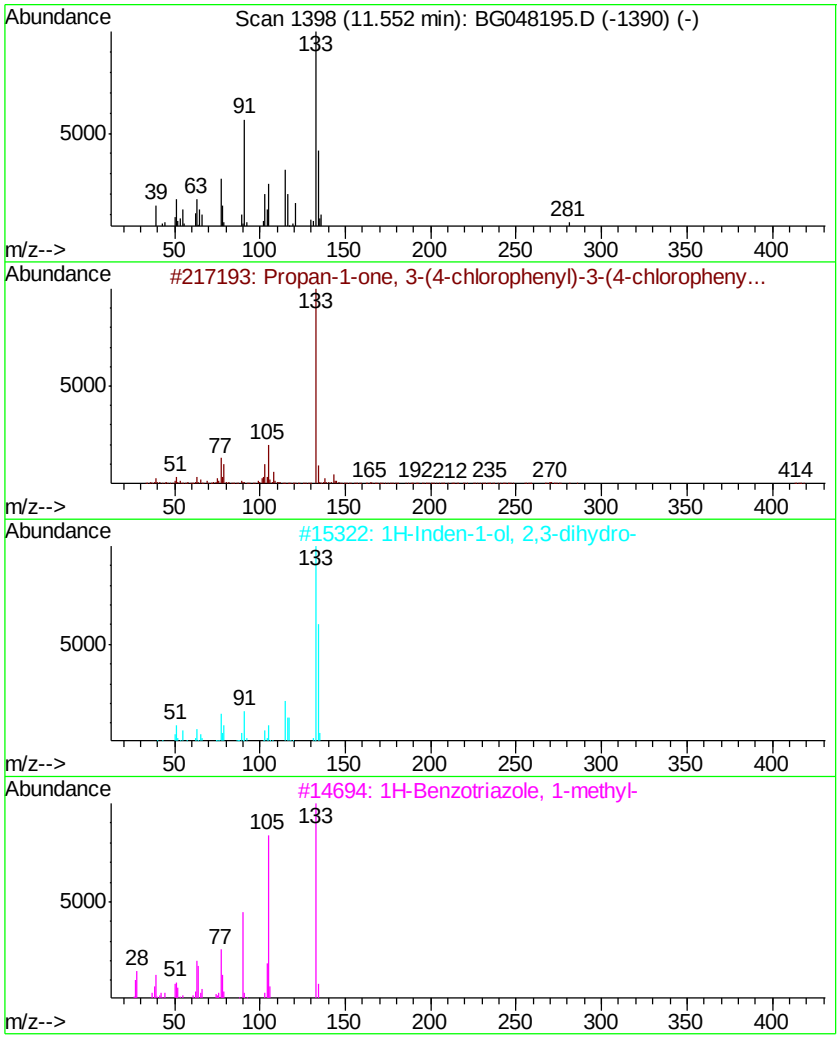
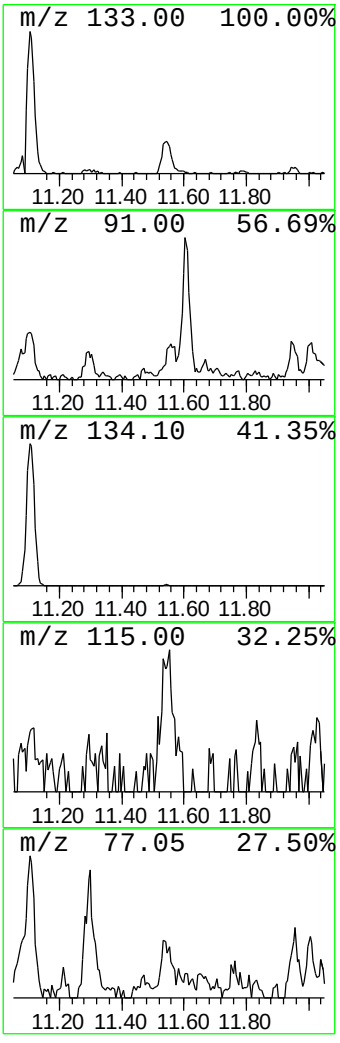
Peak Number 15 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	22.94 ng/ul	50629	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propan-1-one, 3-(4-chlorophenyl)...	414	C23H20Cl2OS	284493-90-9	47
2	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	47
3	1H-Benzotriazole, 1-methyl-	133	C7H7N3	013351-73-0	46
4	Pyrazine, 2-methyl-5-(2-propenyl)-	134	C8H10N2	055138-63-1	46
5	o-Methoxybenzonitrile	133	C8H7NO	006609-56-9	45





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Quant Title : SVOA CALIBRATION

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

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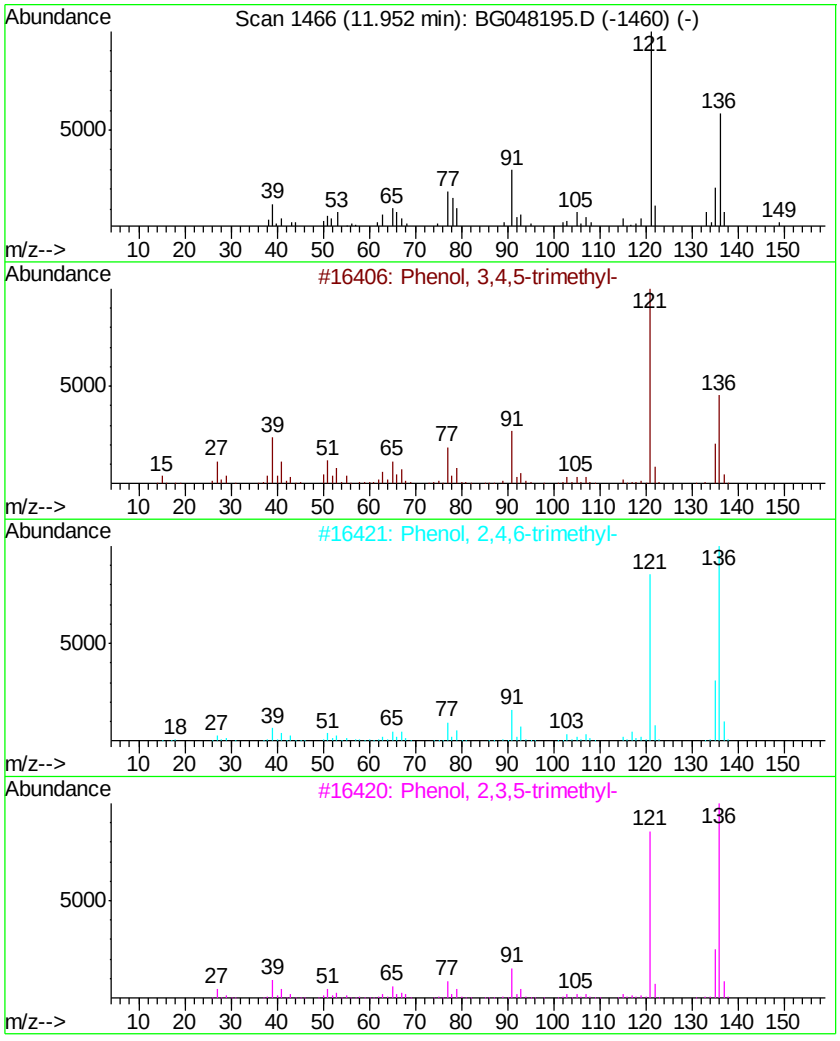
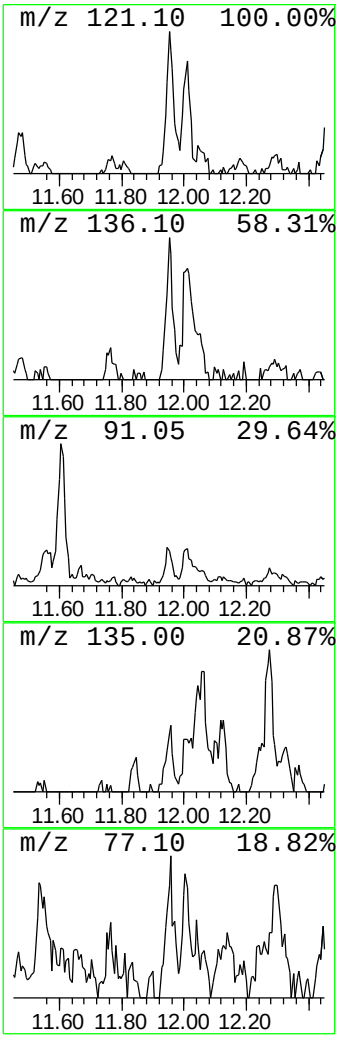
Peak Number 16 Phenol, 3,4,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	21.70 ng/ul	47912	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	90
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	90
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	90





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Quant Title : SVOA CALIBRATION

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

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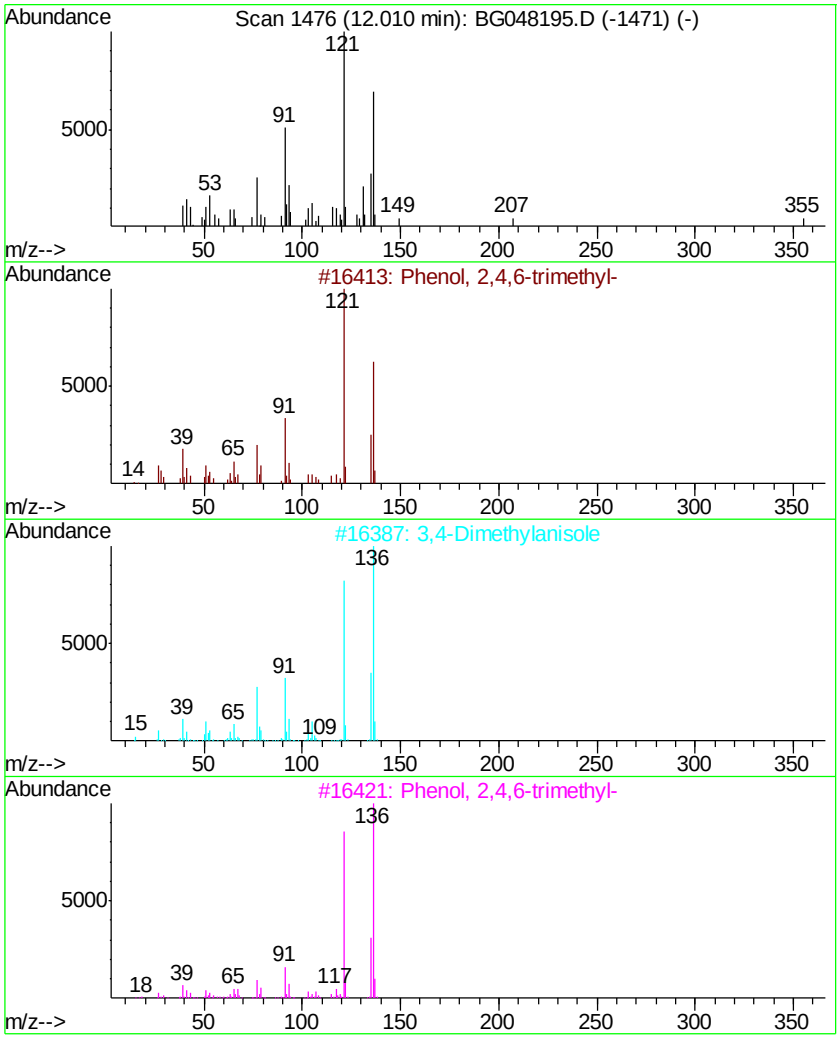
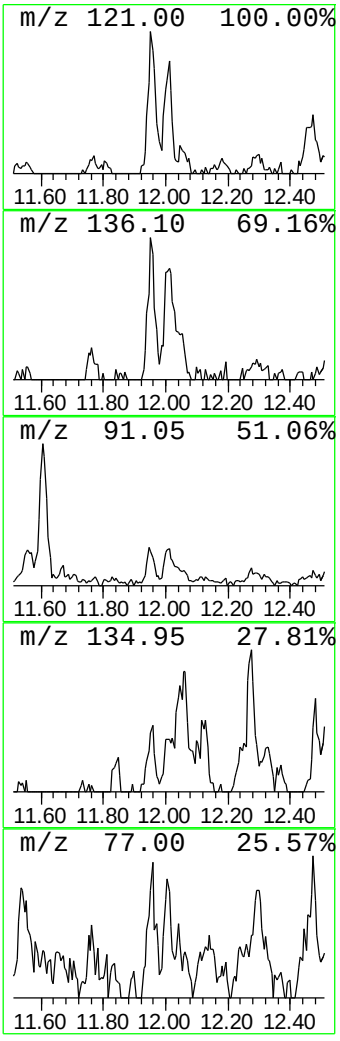
Peak Number 17 Phenol, 2,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	21.32 ng/ul	47057	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	90
2	3,4-Dimethylanisole	136	C9H12O	004685-47-6	87
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	83
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	83
5	3,4-Dimethylanisole	136	C9H12O	004685-47-6	81





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Misc :
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ClientSampleId : DBGN0

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Quant Title : SVOA CALIBRATION

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

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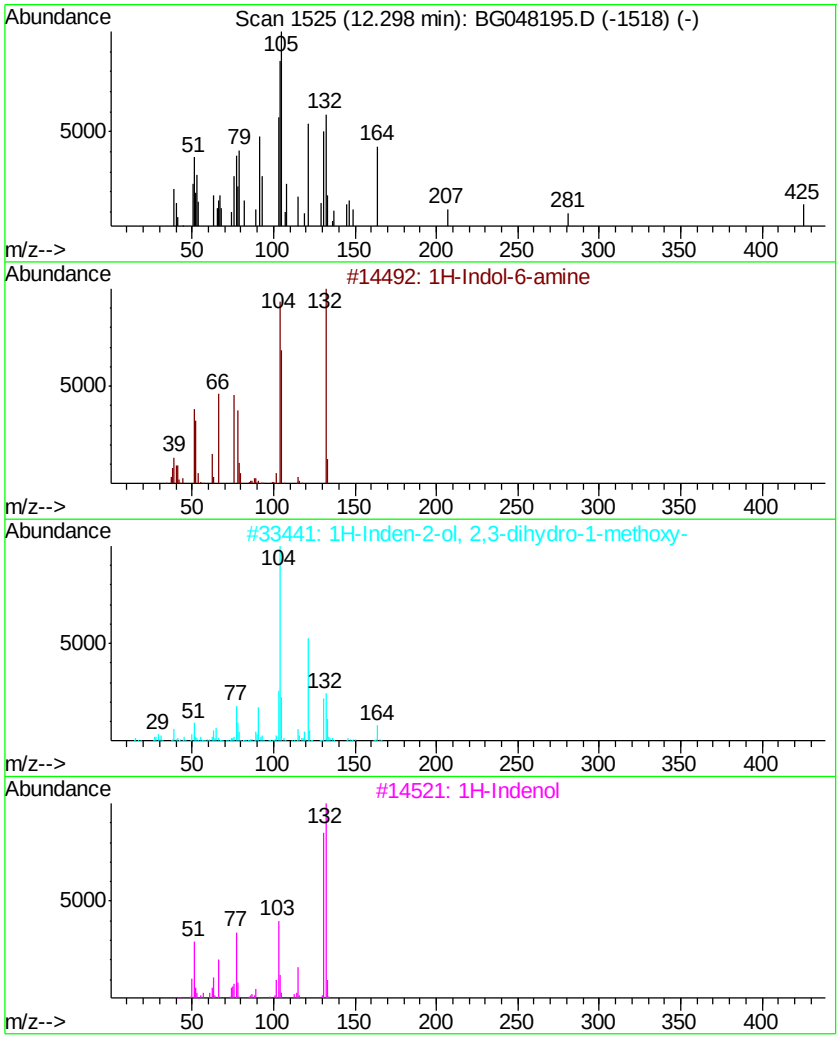
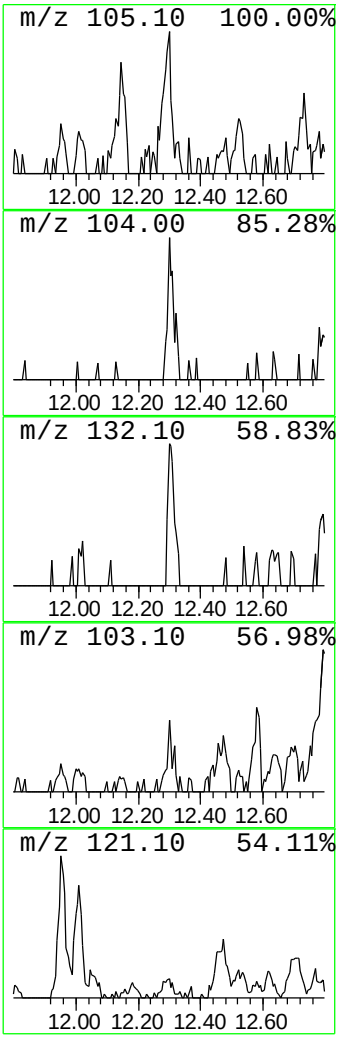
Peak Number 18 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	27.21 ng/ul	60059	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indol-6-amine	132	C8H8N2	1000362-58-0	46
2	1H-Inden-2-ol, 2,3-dihydro-1-met...	164	C10H12O2	071720-52-0	42
3	1H-Indenol	132	C9H8O	056631-57-3	41
4	1-Amino-indan-2-ol	149	C9H11NO	074165-73-4	41
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	38





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Quant Title : SVOA CALIBRATION

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

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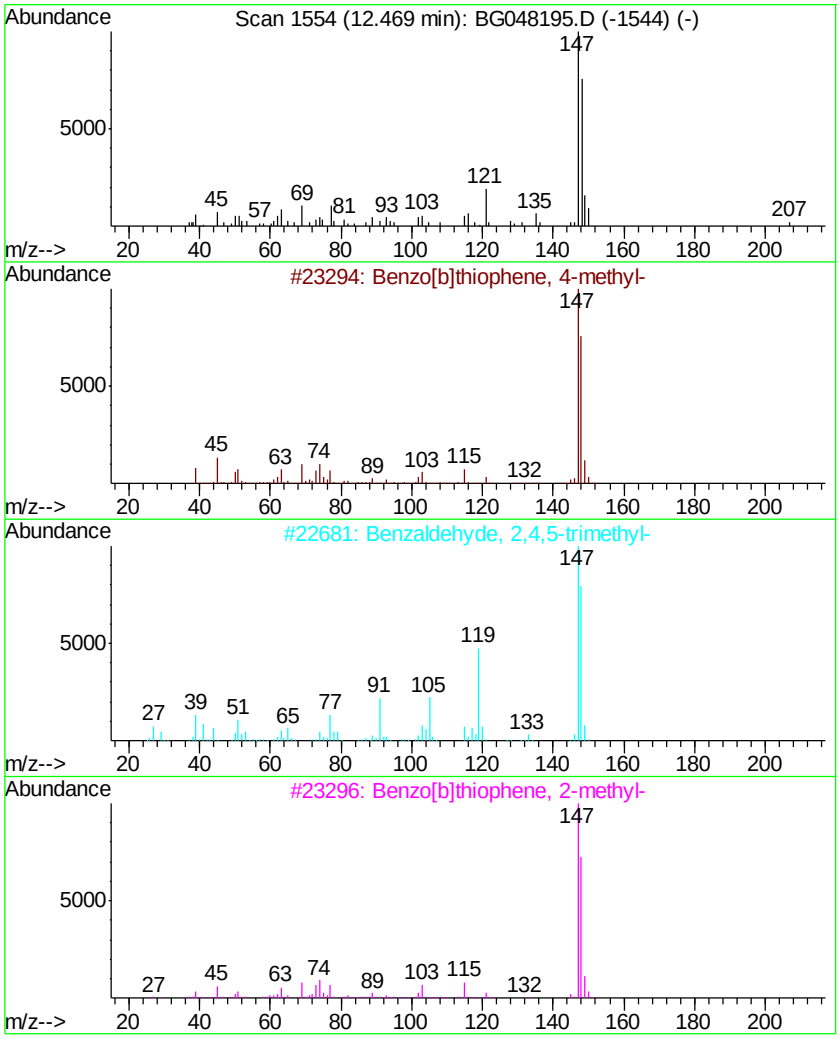
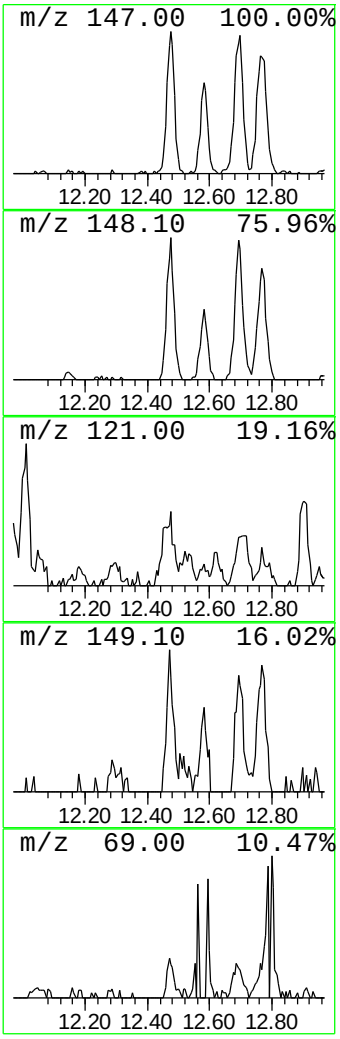
Peak Number 19 Benzo[b]thiophene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	48.54 ng/ul	107139	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	80
2	Benzaldehyde, 2,4,5-trimethyl-	148	C10H12O	005779-72-6	80
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	72
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	72
5	Benzaldehyde, 2,4,5-trimethyl-	148	C10H12O	005779-72-6	72





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Quant Title : SVOA CALIBRATION

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

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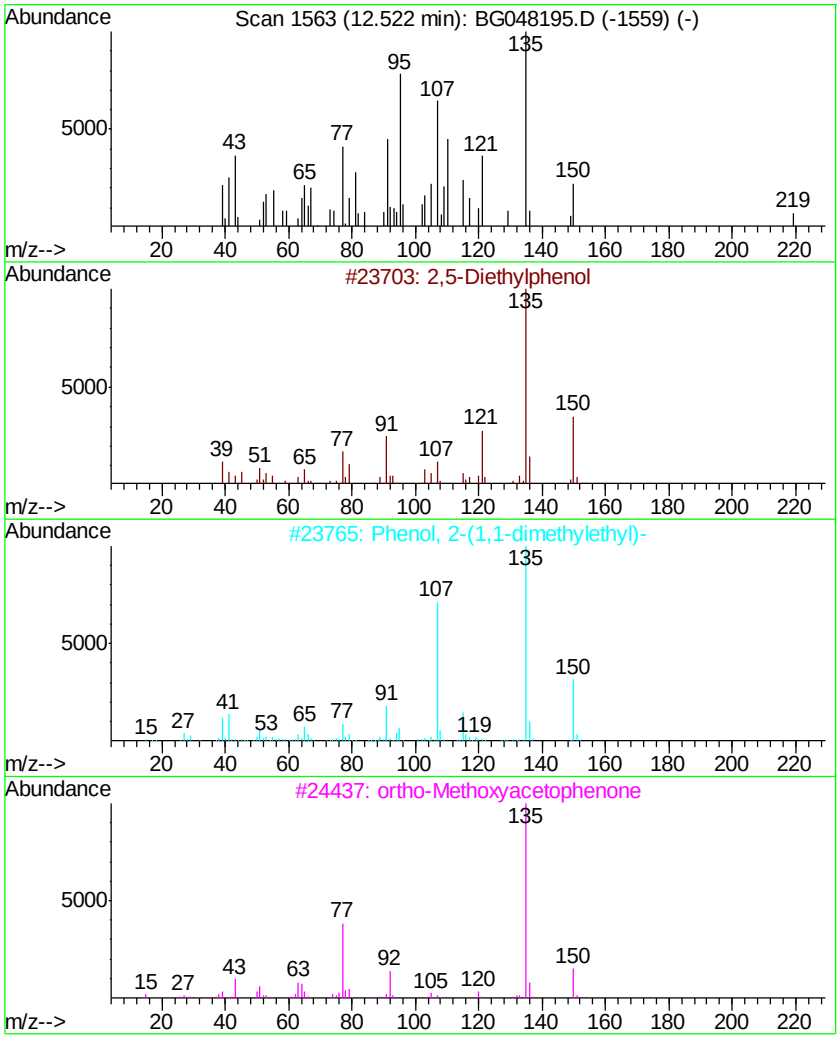
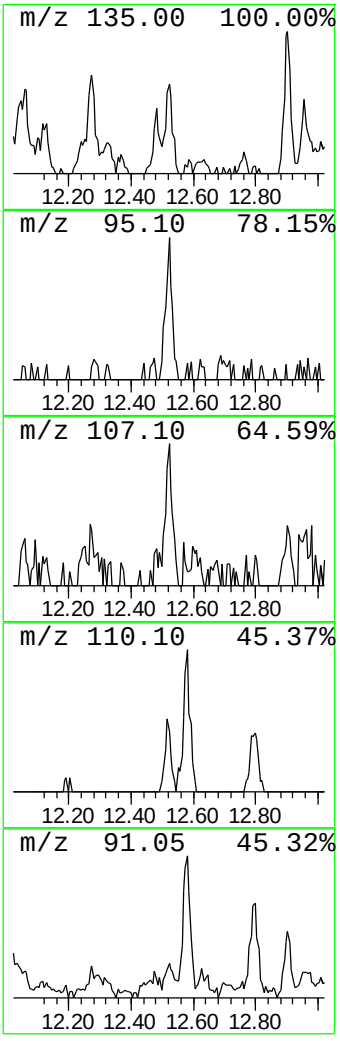
Peak Number 20 unknown-04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	19.96 ng/ul	44050	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Diethylphenol	150	C10H14O	000876-20-0	35
2	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	27
3	ortho-Methoxyacetophenone	150	C9H10O2	000579-74-8	27
4	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	22
5	Ethanedione, (4-methoxyphenyl)ph...	240	C15H12O3	022711-21-3	22





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Quant Title : SVOA CALIBRATION

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

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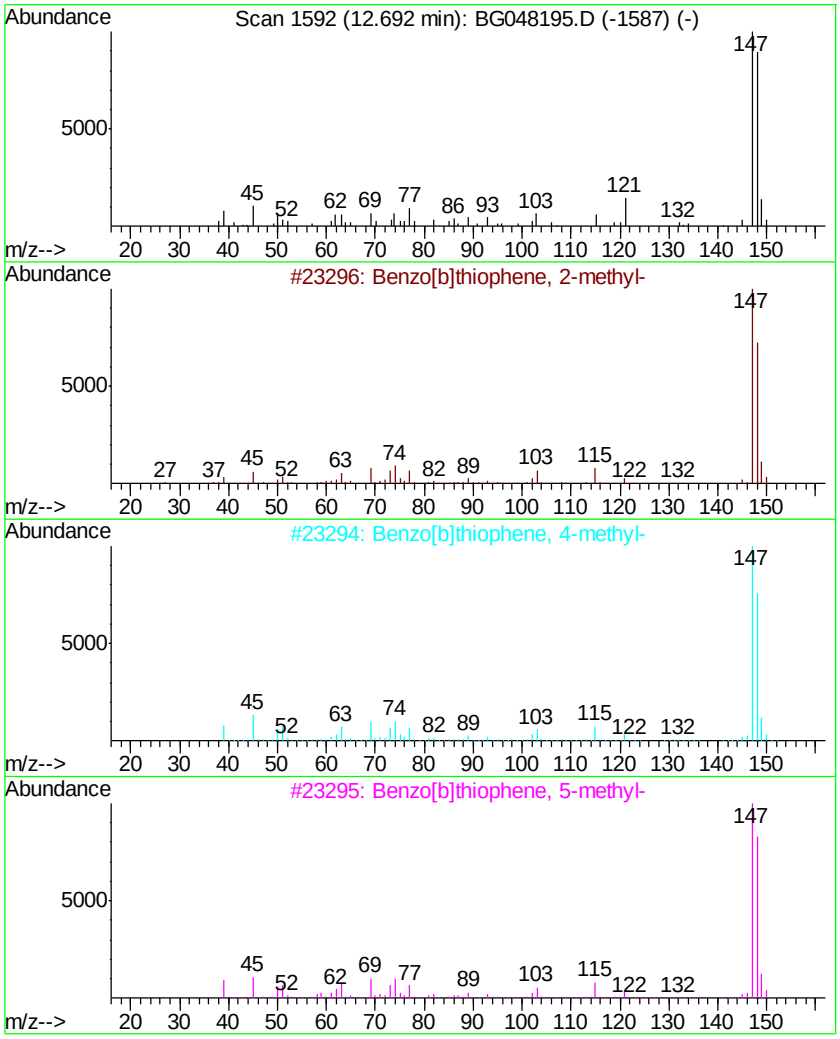
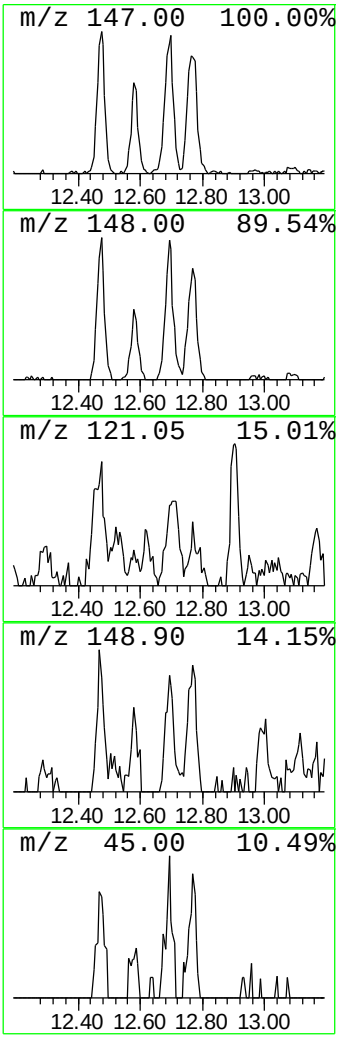
Peak Number 21 Benzo[b]thiophene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	35.06 ng/ul	77383	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	87
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	83





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Quant Title : SVOA CALIBRATION

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

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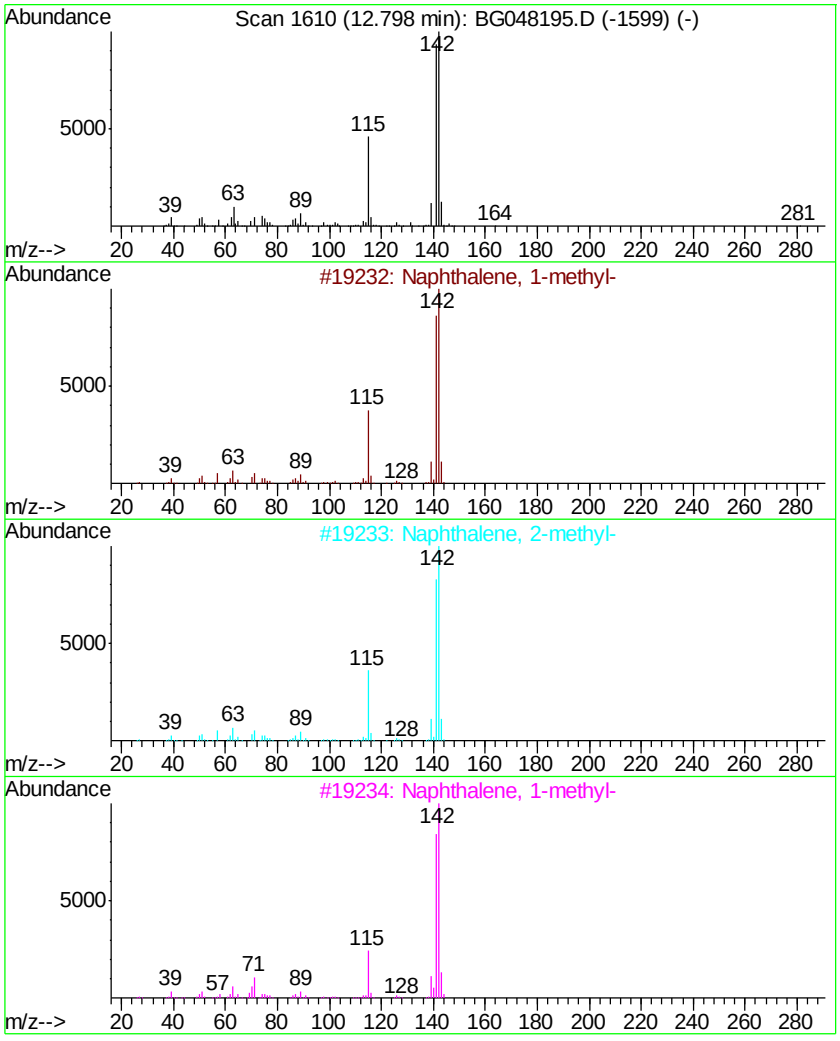
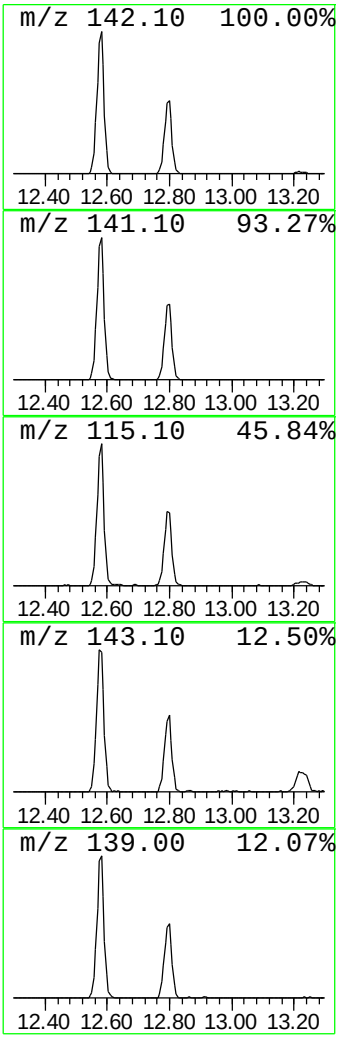
Peak Number 22 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	486.53 ng/ul	1073990	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





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

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Peak Number 26 Naphthalene, 1-ethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	4.63 ng/ul	146241	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
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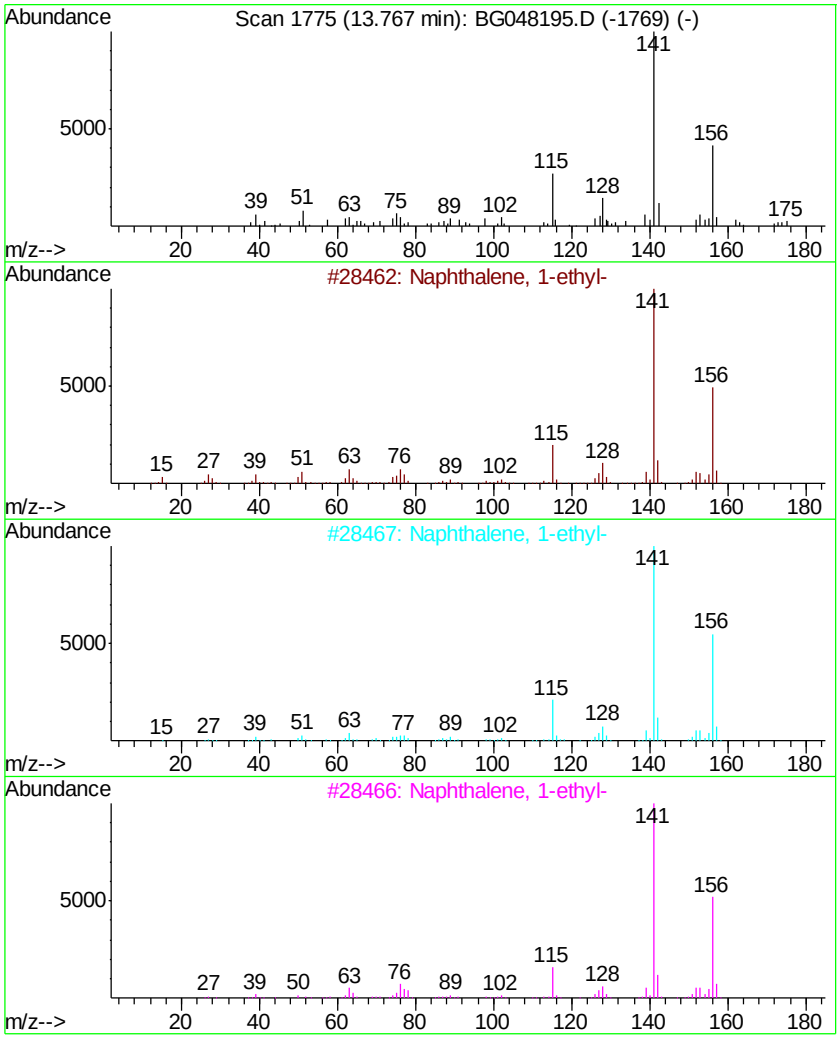

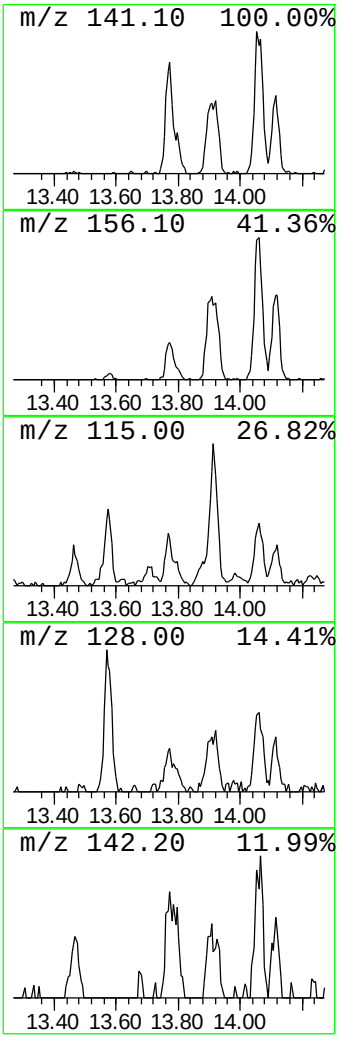

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Misc :
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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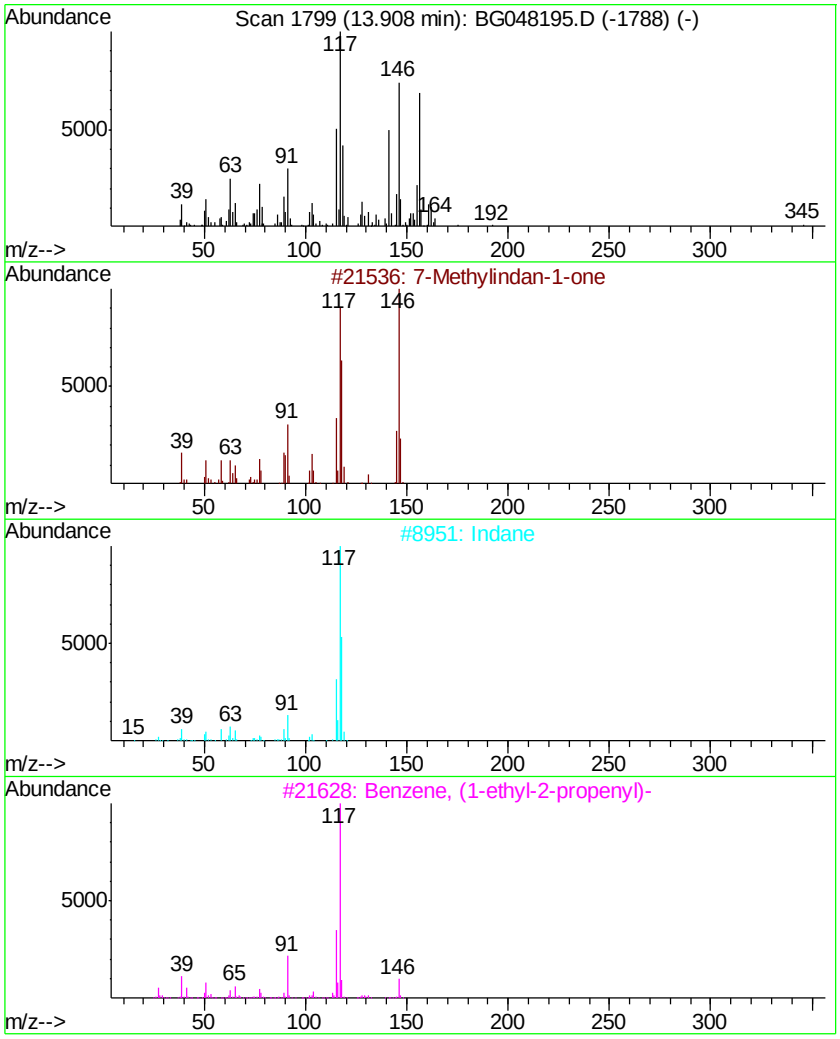
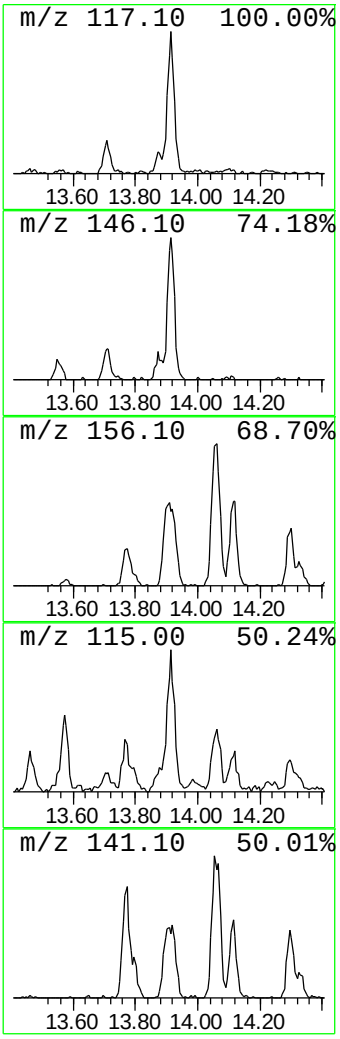
Peak Number 27 7-Methylindan-1-one Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	10.87 ng/ul	343262	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	70
2	Indane	118	C9H10	000496-11-7	46
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	45
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	45
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	41





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Quant Title : SVOA CALIBRATION

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

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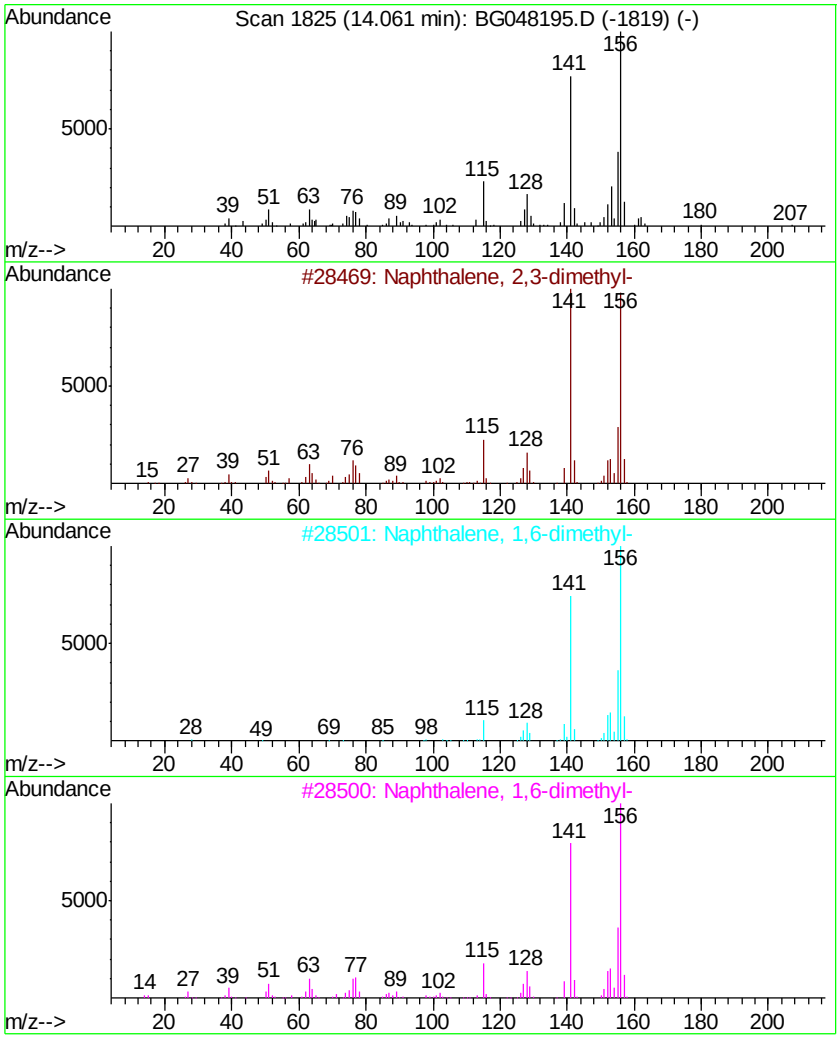
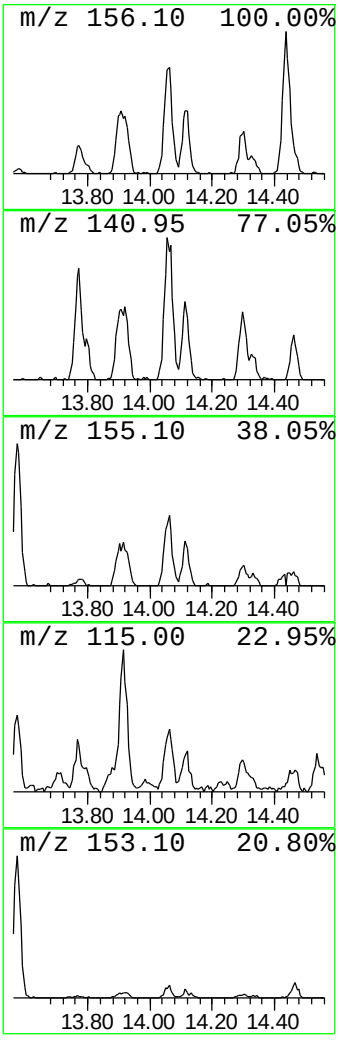
Peak Number 28 Naphthalene, 2,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	5.46 ng/ul	172543	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





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

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Peak Number 30 2-Naphthalenecarbonitrile Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	19.30 ng/ul	609372	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	95
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
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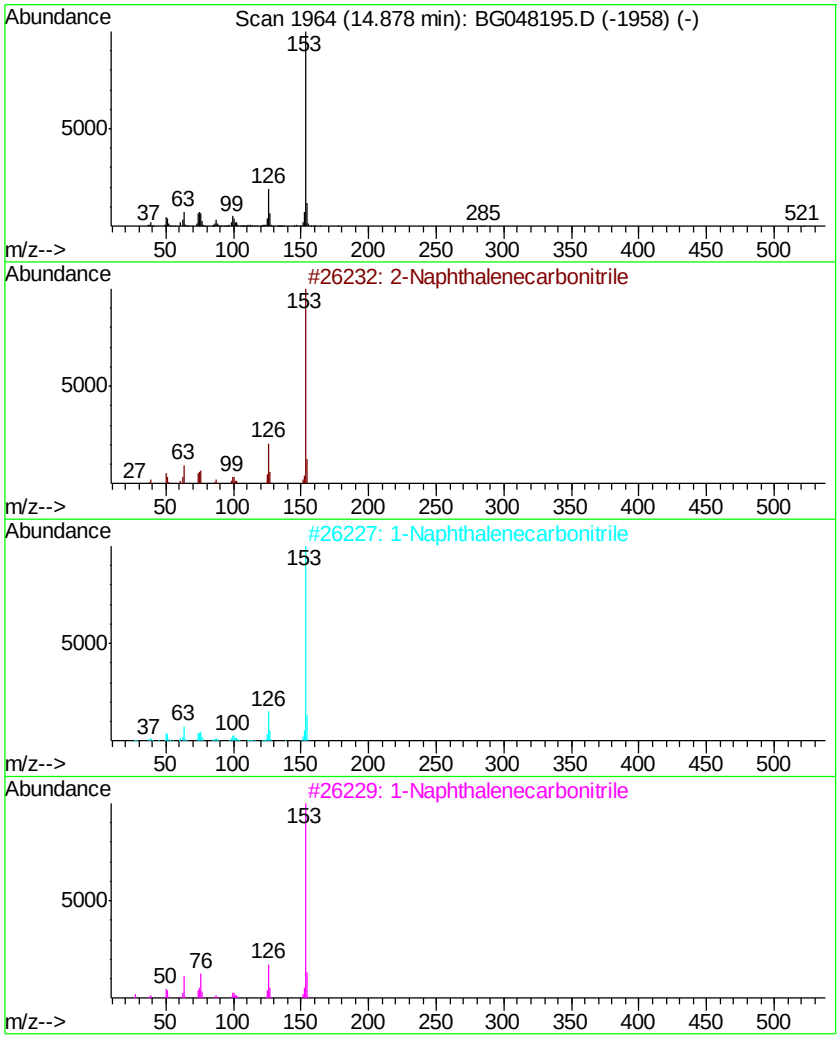

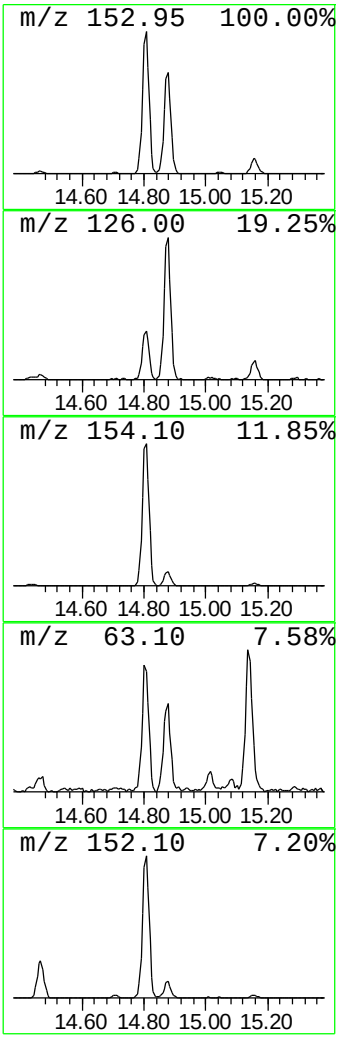

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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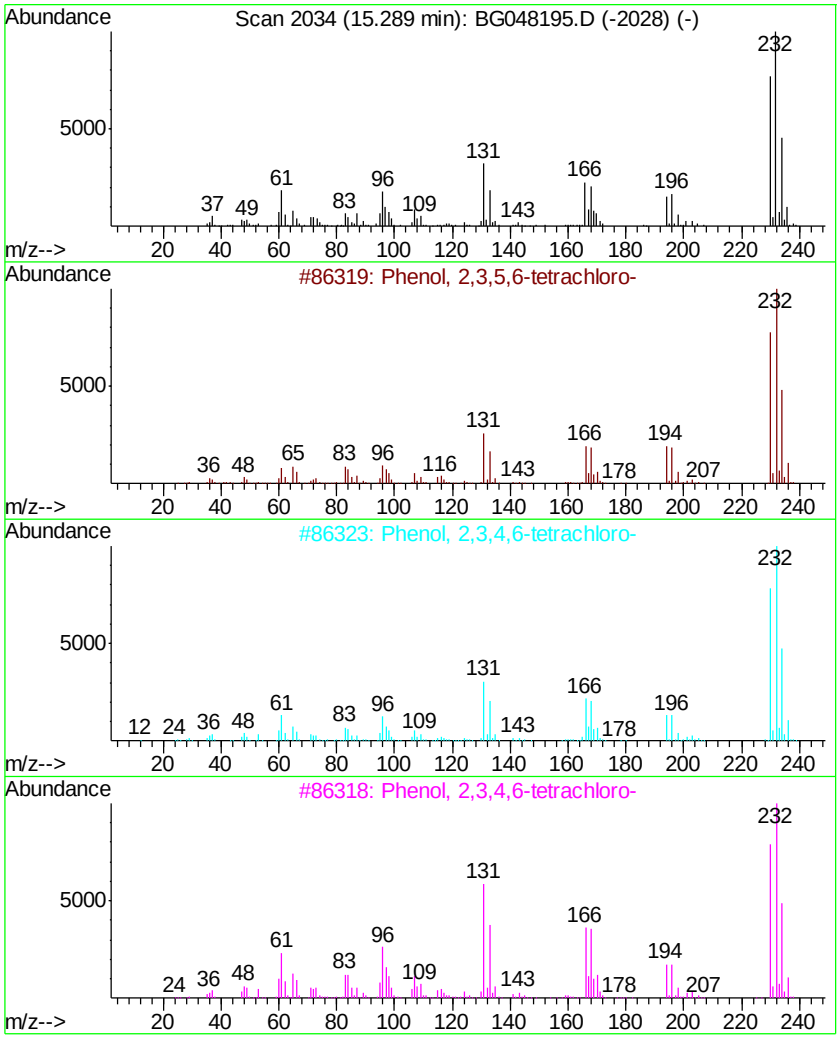
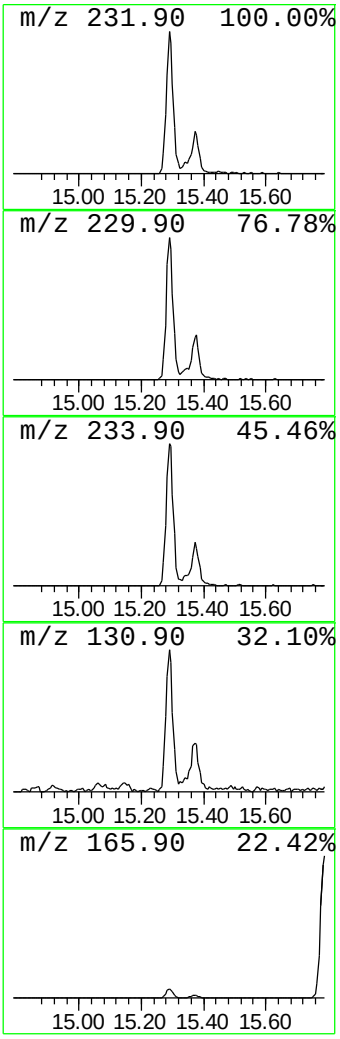
Peak Number 32 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	14.87 ng/ul	469684	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	99
2	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	98
3	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	95
4	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	94
5	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	94





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

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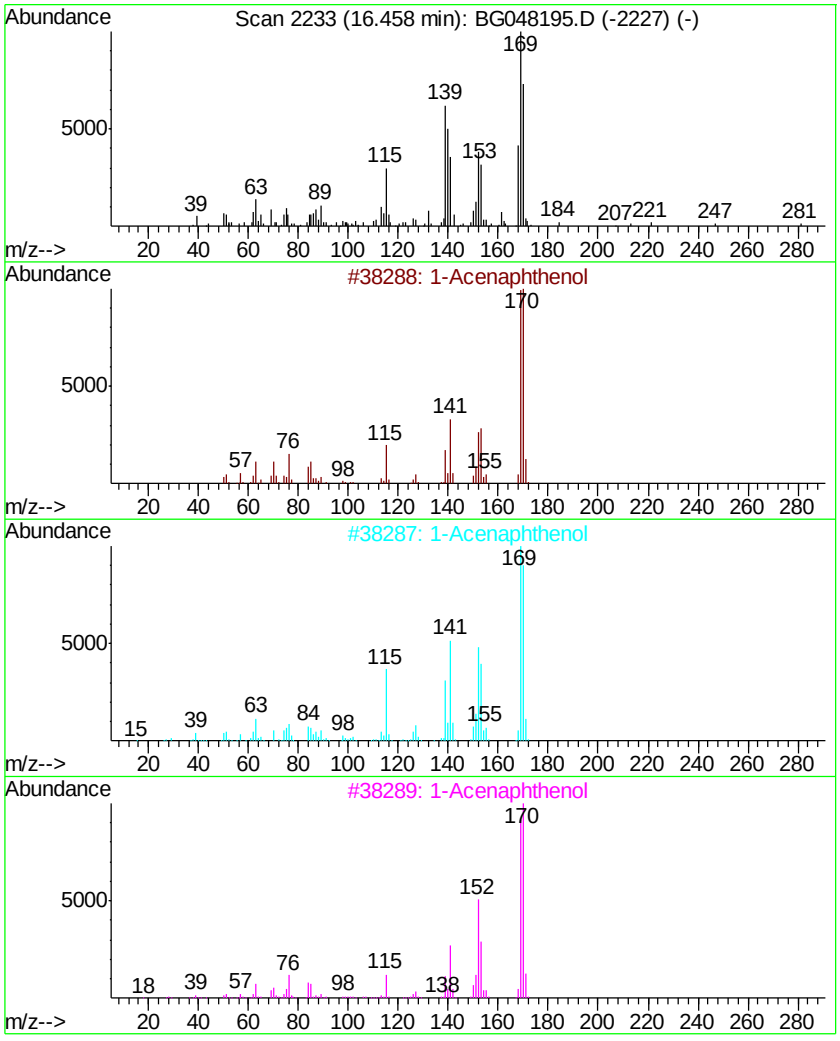
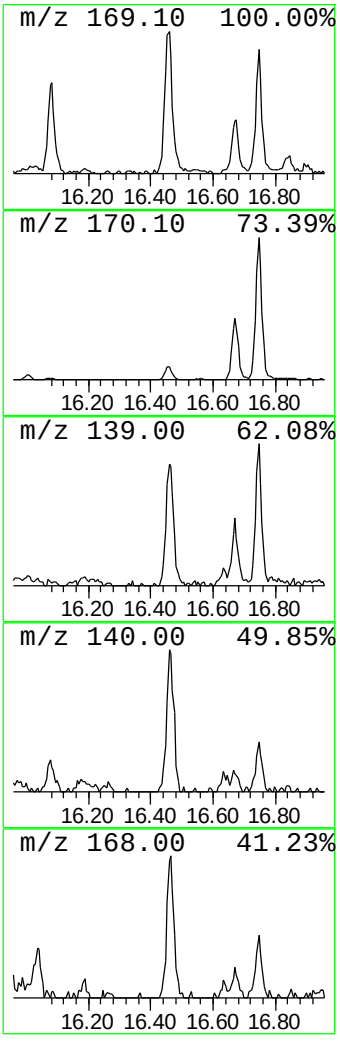
Peak Number 35 1-Acenaphthenol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	6.04 ng/ul	204073	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol	170	C12H10O	006306-07-6	76
2	1-Acenaphthenol	170	C12H10O	006306-07-6	64
3	1-Acenaphthenol	170	C12H10O	006306-07-6	49
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	46
5	Oxidopamine	169	C8H11NO3	001199-18-4	38





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Data File : BG048195.D
Acq On : 18 Feb 2021 14:43
Operator : CG/JU
Sample : M1408-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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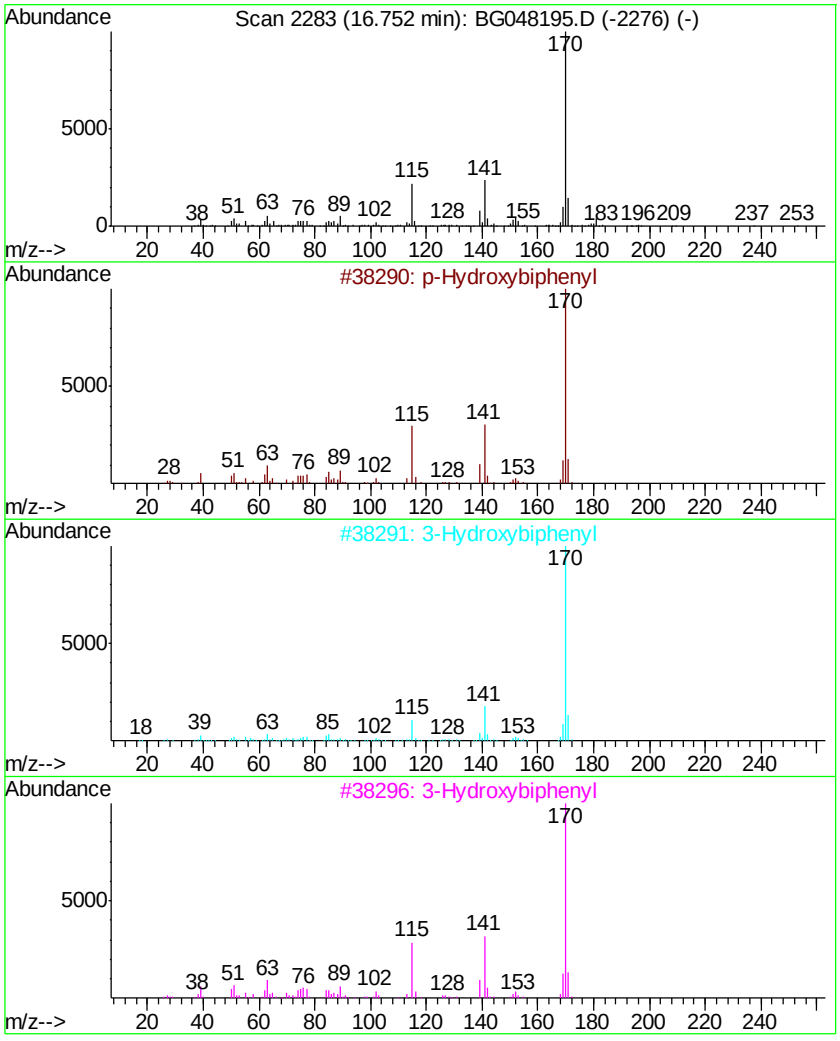
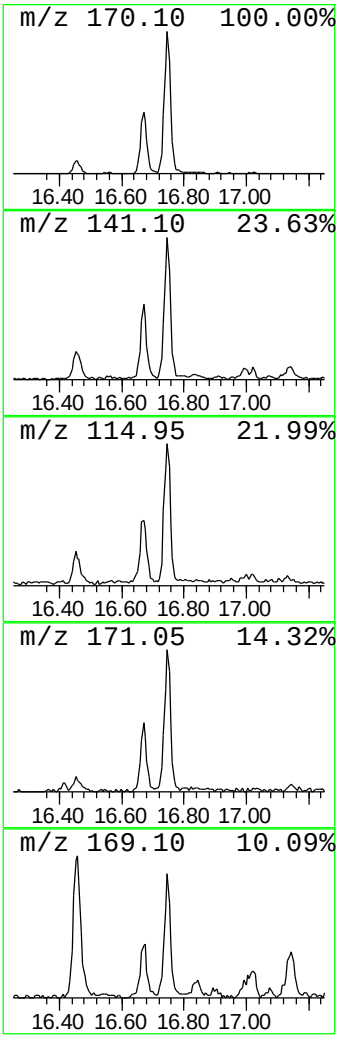
Peak Number 37 p-Hydroxybiphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	12.99 ng/ul	439294	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	95
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	94
3	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	90
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048195.D
Acq On : 18 Feb 2021 14:43
Operator : CG/JU
Sample : M1408-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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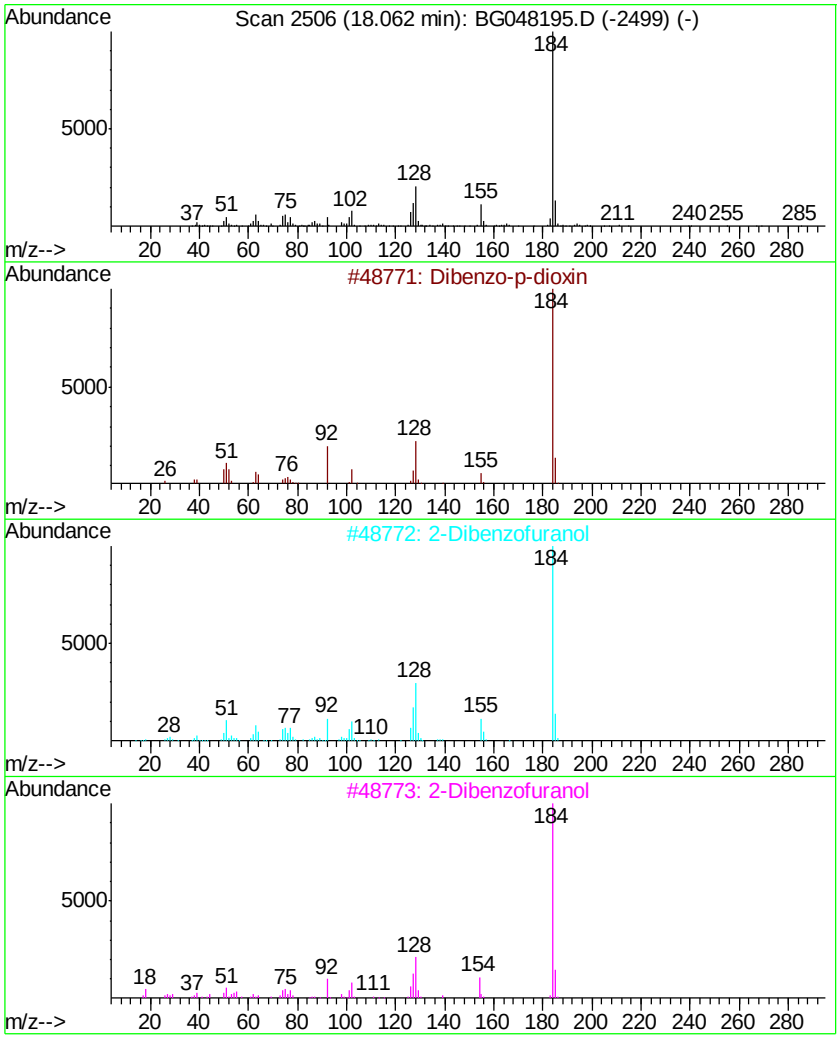
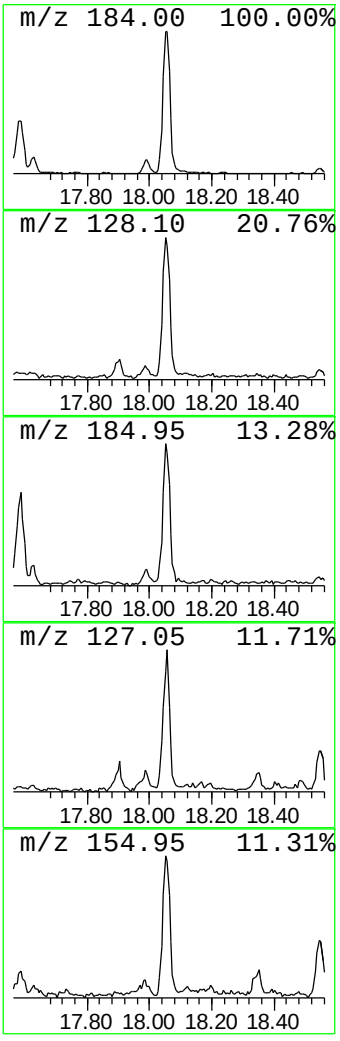
Peak Number 40 Dibenzo-p-dioxin Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	14.85 ng/ul	502154	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	87
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	87
5	6-Cyano-5-methoxyquinoline	184	C11H8N2O	1000241-27-7	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048195.D
Acq On : 18 Feb 2021 14:43
Operator : CG/JU
Sample : M1408-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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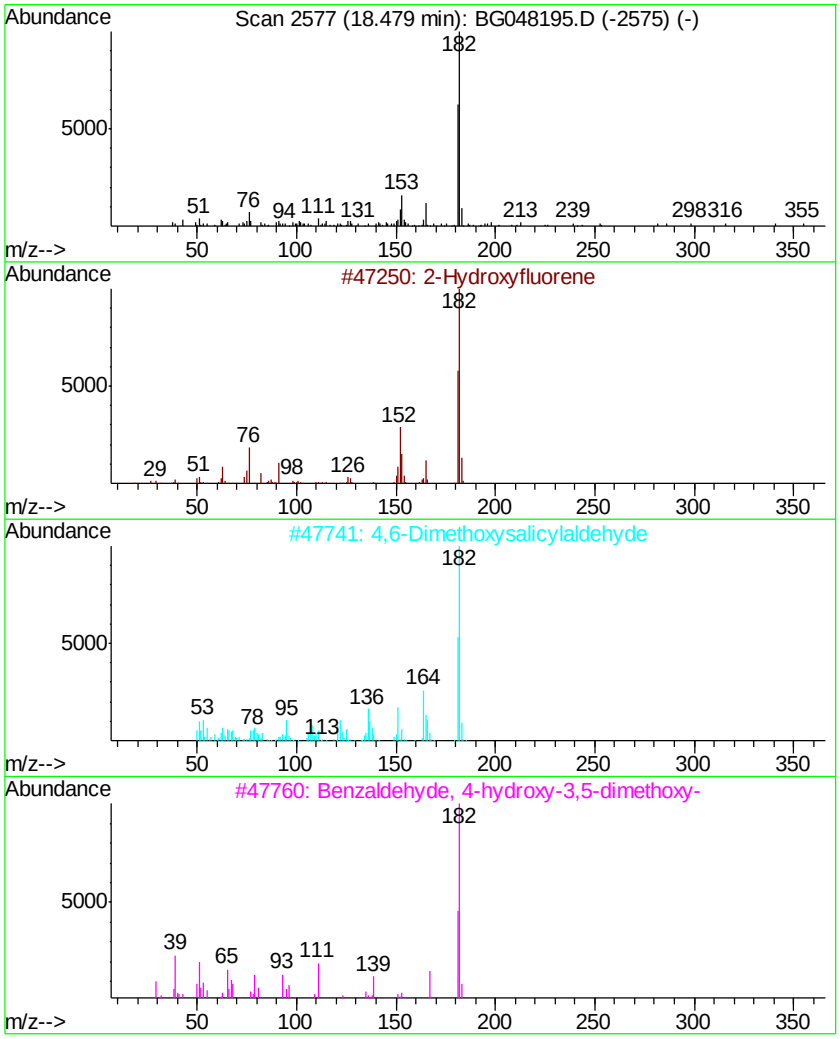
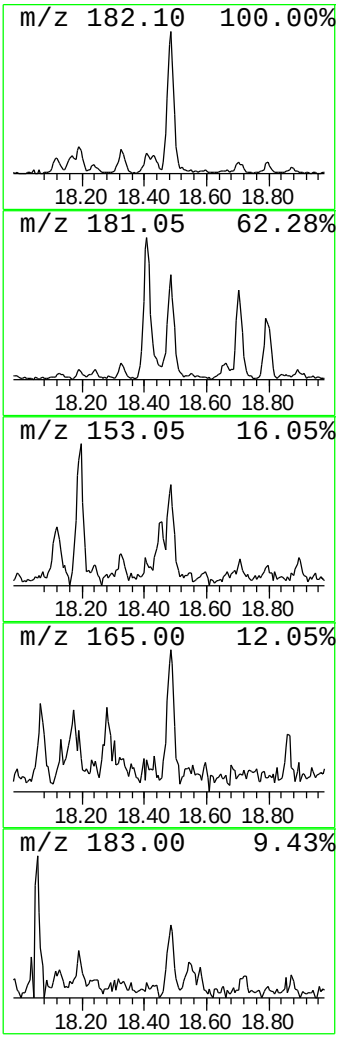
Peak Number 43 2-Hydroxyfluorene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	3.97 ng/ul	134345	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	78
2	4,6-Dimethoxysalicylaldehyde	182	C9H10O4	000708-76-9	78
3	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	72
4	3,5-Dimethoxybenzoic acid	182	C9H10O4	001132-21-4	47
5	Benzoic acid, 4-amino-3-nitro-	182	C7H6N2O4	001588-83-6	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021821\
Data File : BG048195.D
Acq On : 18 Feb 2021 14:43
Operator : CG/JU
Sample : M1408-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.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
Benzene, 1,3-dime...	5.74	7.1	ng/ul	98500	1	8.11	277458	20.0
o-Xylene	6.11	7.2	ng/ul	100217	1	8.11	277458	20.0
Benzene, 1-ethyl-...	7.76	6.0	ng/ul	83833	1	8.11	277458	20.0
Benzofuran	7.83	27.6	ng/ul	383654	1	8.11	277458	20.0
Mesitylene	8.23	3.2	ng/ul	44599	1	8.11	277458	20.0
Indane	8.49	7.0	ng/ul	97815	1	8.11	277458	20.0
Benzene, 1-propynyl-	8.66	51.5	ng/ul	715030	1	8.11	277458	20.0
Benzonitrile, 2-m...	8.97	19.9	ng/ul	275534	1	8.11	277458	20.0
Benzofuran, 7-met...	9.60	134.0	ng/ul	295764	2	10.94	44149	20.0
3-Phenyl-2-propyn...	9.67	19.4	ng/ul	42730	2	10.94	44149	20.0
Benzene, 2-etheny...	10.32	28.9	ng/ul	63787	2	10.94	44149	20.0
unknown-01	10.86	20.0	ng/ul	44149	2	10.94	44149	20.0
2-Cyclohexen-1-on...	11.30	53.7	ng/ul	118598	2	10.94	44149	20.0
unknown-02	11.55	22.9	ng/ul	50629	2	10.94	44149	20.0
Phenol, 3,4,5-tri...	11.95	21.7	ng/ul	47912	2	10.94	44149	20.0
Phenol, 2,4,6-tri...	12.01	21.3	ng/ul	47057	2	10.94	44149	20.0
unknown-03	12.30	27.2	ng/ul	60059	2	10.94	44149	20.0
Benzo[b]thiophene...	12.47	48.5	ng/ul	107139	2	10.94	44149	20.0
unknown-04	12.52	20.0	ng/ul	44050	2	10.94	44149	20.0
Benzo[b]thiophene...	12.69	35.1	ng/ul	77383	2	10.94	44149	20.0
Naphthalene, 1-me...	12.80	486.5	ng/ul	1073990	2	10.94	44149	20.0
Naphthalene, 1-et...	13.77	4.6	ng/ul	146241	3	14.74	631539	20.0
7-Methylindan-1-one	13.91	10.9	ng/ul	343262	3	14.74	631539	20.0
Naphthalene, 2,3-...	14.06	5.5	ng/ul	172543	3	14.74	631539	20.0
2-Naphthalenecarb...	14.88	19.3	ng/ul	609372	3	14.74	631539	20.0
Phenol, 2,3,5,6-t...	15.29	14.9	ng/ul	469684	3	14.74	631539	20.0
1-Acenaphthenol	16.46	6.0	ng/ul	204073	4	17.49	676199	20.0
p-Hydroxybiphenyl	16.75	13.0	ng/ul	439294	4	17.49	676199	20.0
Dibenzo-p-dioxin	18.06	14.9	ng/ul	502154	4	17.49	676199	20.0
2-Hydroxyfluorene	18.48	4.0	ng/ul	134345	4	17.49	676199	20.0