LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

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-BG102220MA.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	6.000	446	453	461	rVB	22330	38182	0.42%	0.129%
2	7.164	645	651	659	rVV2	25605	47096	0.52%	0.159%
3	7.322	673	678	686	rVV	82001	139914	1.54%	0.473%
4	7.534	708	714	722	rBV	101345	163826	1.80%	0.553%
5	7.651	728	734	740	rVB2	29152	47438	0.52%	0.160%
6	7.728	740	747	756	rBV	64245	109347	1.20%	0.369%
7	8.004	781	794	804	rBV2	188309	324254	3.56%	1.095%
8	8.121	809	814	819	rVB2	13375	20305	0.22%	0.069%
9	8.380	852	858	865	rVB2	11661	20814	0.23%	0.070%
10	8.545	880	886	895	rVB2	73075	130490	1.43%	0.441%
11	8.709	908	914	923	rVB2	65440	119818	1.32%	0.405%
12	8.850	929	938	946	rVB3	48951	83565	0.92%	0.282%
13	9.167	986	992	1006	rVB	119201	218116	2.40%	0.737%
14	9.367	1019	1026	1032	rBV2	22505	37396	0.41%	0.126%
15	9.432	1032	1037	1040	rVV3	12681	20911	0.23%	0.071%
16	9.491	1040	1047	1053	rVV4	56833	124064	1.36%	0.419%
17	9.549	1053	1057	1061	rVV2	14727	24992	0.27%	0.084%
18	9.890	1107	1115	1122	rBV	100071	182192	2.00%	0.615%
19	10.019	1130	1137	1142	rBV3	13406	22891	0.25%	0.077%
20	10.219	1165	1171	1179	rBV9	12401	28764	0.32%	0.097%
21	10.436	1202	1208	1219	rVB	143445	260929	2.87%	0.881%
22	10.818	1266	1273	1276	rVV	217664	400313	4.40%	1.352%
23	10.877	1276	1283	1291	rVV	4653330	9103305	100.00%	30.745%
24	10.989	1291	1302	1311	rVB	403238	716499	7.87%	2.420%
25	11.188	1329	1336	1341	rBV7	17303	34105	0.37%	0.115%
26	11.923	1458	1461	1472	rVB5	10064	21374	0.23%	0.072%
27	12.199	1503	1508	1515	rVB9	7365	19754	0.22%	0.067%
28	12.369	1526	1537	1541	rBV2	26945	53800	0.59%	0.182%
29	12.475	1548	1555	1562	rBV	679310	1096408	12.04%	3.703%
30	12.587	1569	1574	1581	rVV3	20454	36982	0.41%	0.125%
31	12.693	1581	1592	1604	rVB	391379	684550	7.52%	2.312%
32	12.845	1613	1618	1626	rBV2	24760	43966	0.48%	0.148%
33	13.110	1657	1663	1669	rVV5	17840	47305	0.52%	0.160%
34	13.169	1669	1673	1681	rVB5	17269	34988	0.38%	0.118%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

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-BG102220MA.M
Title : SVOA CALIBRATION

35	13.362	1700	1706	1714	rVB5	20567	38555	0.42%	0.130%
36	13.474	1714	1725	1735	rBV	222584	351195	3.86%	1.186%
37	13.609	1743	1748	1752	rBV6	13216	22576	0.25%	0.076%
38	13.668	1752	1758	1771	rVV5	28127	77816	0.85%	0.263%
39	13.809	1778	1782	1790	rVV4	82476	169479	1.86%	0.572%
40	13.962	1803	1808	1814	rVV2	58184	110719	1.22%	0.374%
41	14.044	1814	1822	1827	rVV	322128	512735	5.63%	1.732%
42	14.091	1827	1830	1834	rVV	38976	54825	0.60%	0.185%
43	14.203	1843	1849	1852	rVV	27428	46772	0.51%	0.158%
44	14.338	1865	1872	1883	rVB2	323319	598703	6.58%	2.022%
45	14.643	1914	1924	1930	rBV	373443	628883	6.91%	2.124%
46	14.708	1930	1935	1941	rVV	605941	915215	10.05%	3.091%
47	14.773	1941	1946	1954	rVV	180097	274377	3.01%	0.927%
48	14.855	1956	1960	1965	rVV4	21591	34538	0.38%	0.117%
49	14.914	1965	1970	1973	rVV2	25854	39172	0.43%	0.132%
50	14.984	1976	1982	1986	rVV3	34684	60475	0.66%	0.204%
51	15.043	1986	1992	2001	rVB	477883	744137	8.17%	2.513%
52	15.190	2010	2017	2022	rBV	90741	140984	1.55%	0.476%
53	15.272	2022	2031	2035	rVB4	26909	51907	0.57%	0.175%
54	15.636	2087	2093	2097	rBV	450420	635279	6.98%	2.146%
55	15.689	2097	2102	2108	rVV	367113	545033	5.99%	1.841%
56	15.754	2108	2113	2121	rVV2	145891	290646	3.19%	0.982%
57	15.818	2121	2124	2131	rVV6	37926	83212	0.91%	0.281%
58	15.912	2135	2140	2144	rVV5	30277	64885	0.71%	0.219%
59	15.983	2148	2152	2156	rVV3	28764	42686	0.47%	0.144%
60	16.065	2160	2166	2170	rVV6	10513	22351	0.25%	0.075%
61	16.124	2170	2176	2187	rVB4	34007	83578	0.92%	0.282%
62	16.365	2207	2217	2223	rBV3	66212	128939	1.42%	0.435%
63	16.570	2248	2252	2257	rVB	37089	55880	0.61%	0.189%
64	16.641	2260	2264	2271	rBV	91833	155351	1.71%	0.525%
65	16.753	2279	2283	2289	rVB7	13241	24408	0.27%	0.082%
66	17.040	2323	2332	2339	rVB	148863	243424	2.67%	0.822%
67	17.211	2357	2361	2365	rVB	22390	32338	0.36%	0.109%
68	17.340	2378	2383	2386	rBV	32048	43947	0.48%	0.148%
69	17.387	2386	2391	2395	rBV	489504	749422	8.23%	2.531%
70	17.434	2395	2399	2403	rVV	230073	350470	3.85%	1.184%
71	17.487	2403	2408	2414	rVB	469155	666667	7.32%	2.252%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

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-BG102220MA.M
Title : SVOA CALIBRATION

72	17.793	2449	2460	2467	rVB	838873	1265380	13.90%	4.274%
73	17.887	2470	2476	2481	rVB8	13830	22888	0.25%	0.077%
74	17.951	2481	2487	2493	rBV	83460	139926	1.54%	0.473%
75	18.092	2508	2511	2515	rVB3	20365	28520	0.31%	0.096%
76	18.139	2515	2519	2523	rVV5	14420	19732	0.22%	0.067%
77	18.227	2530	2534	2538	rVV3	21360	34624	0.38%	0.117%
78	18.268	2538	2541	2544	rVV3	23447	32022	0.35%	0.108%
79	18.310	2544	2548	2551	rVV2	33979	54778	0.60%	0.185%
80	18.345	2551	2554	2558	rVV4	24047	48958	0.54%	0.165%
81	18.380	2558	2560	2567	rVB	31175	48285	0.53%	0.163%
82	18.451	2567	2572	2579	rBV9	20162	41451	0.46%	0.140%
83	18.562	2583	2591	2593	rBV8	20334	45250	0.50%	0.153%
84	18.609	2595	2599	2602	rVV	23407	37421	0.41%	0.126%
85	18.644	2602	2605	2610	rVV4	12338	22528	0.25%	0.076%
86	18.703	2610	2615	2620	rVV3	26291	47213	0.52%	0.159%
87	18.756	2620	2624	2629	rVV4	17068	34128	0.37%	0.115%
88	18.803	2629	2632	2636	rVV3	18229	24786	0.27%	0.084%
89	19.773	2791	2797	2803	rBV	705247	952564	10.46%	3.217%
90	19.990	2831	2834	2839	rBV	15395	23436	0.26%	0.079%
91	20.231	2870	2875	2881	rBV	60100	92291	1.01%	0.312%
92	20.889	2984	2987	2992	rVB5	16342	27067	0.30%	0.091%
93	21.288	3051	3055	3065	rBV4	48524	103720	1.14%	0.350%
94	21.653	3110	3117	3123	rBV	544888	856201	9.41%	2.892%
95	23.122	3363	3367	3374	rVB5	23561	42077	0.46%	0.142%
96	23.921	3499	3503	3510	rVB3	37066	72047	0.79%	0.243%
97	24.626	3614	3623	3634	rVB	316630	840263	9.23%	2.838%
98	24.849	3649	3661	3673	rBV	315832	931887	10.24%	3.147%
99	25.983	3846	3854	3860	rVB7	28997	78830	0.87%	0.266%
100	27.311	4072	4080	4091	rBV7	27342	90655	1.00%	0.306%

Sum of corrected areas: 29609160

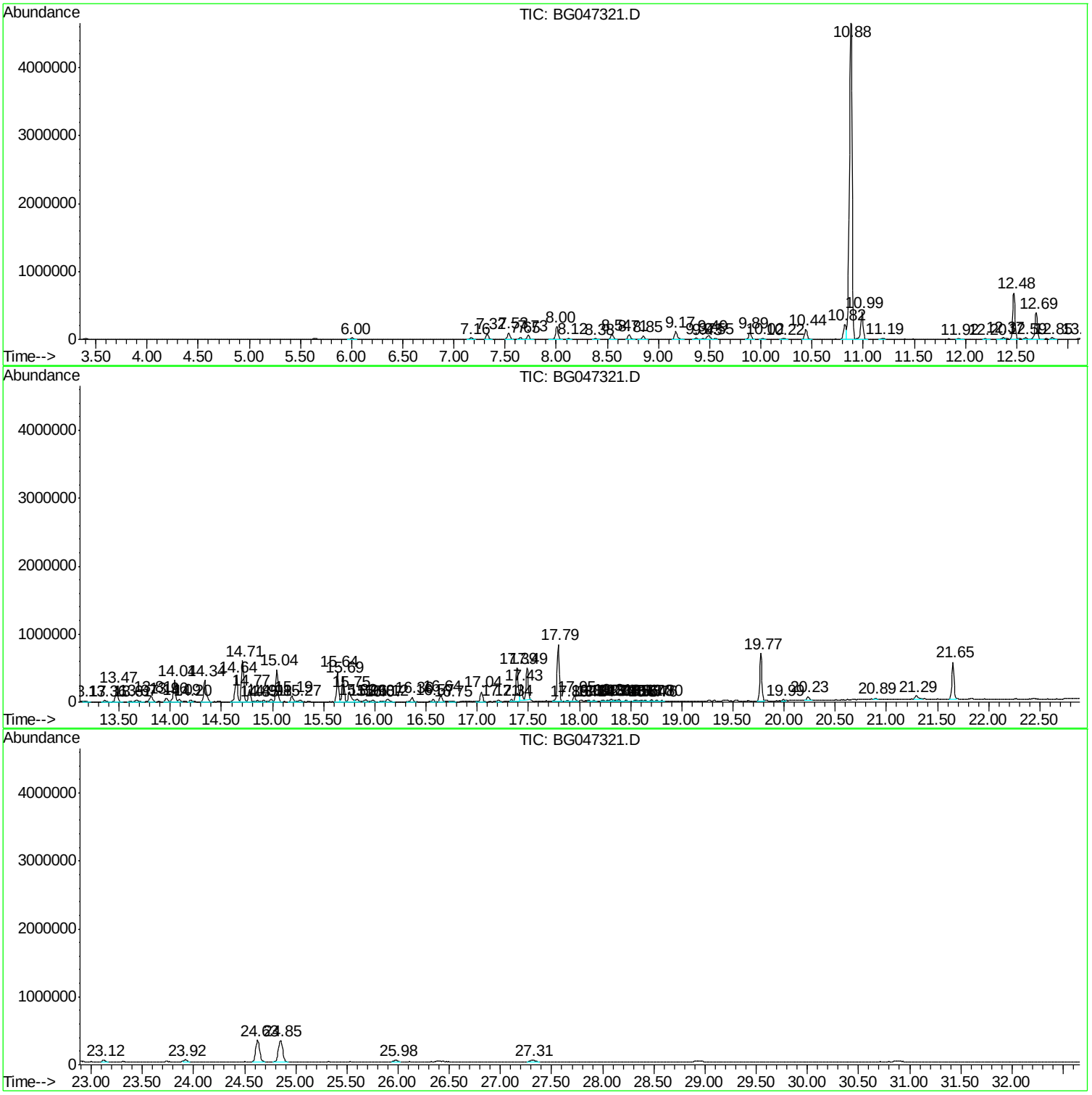
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

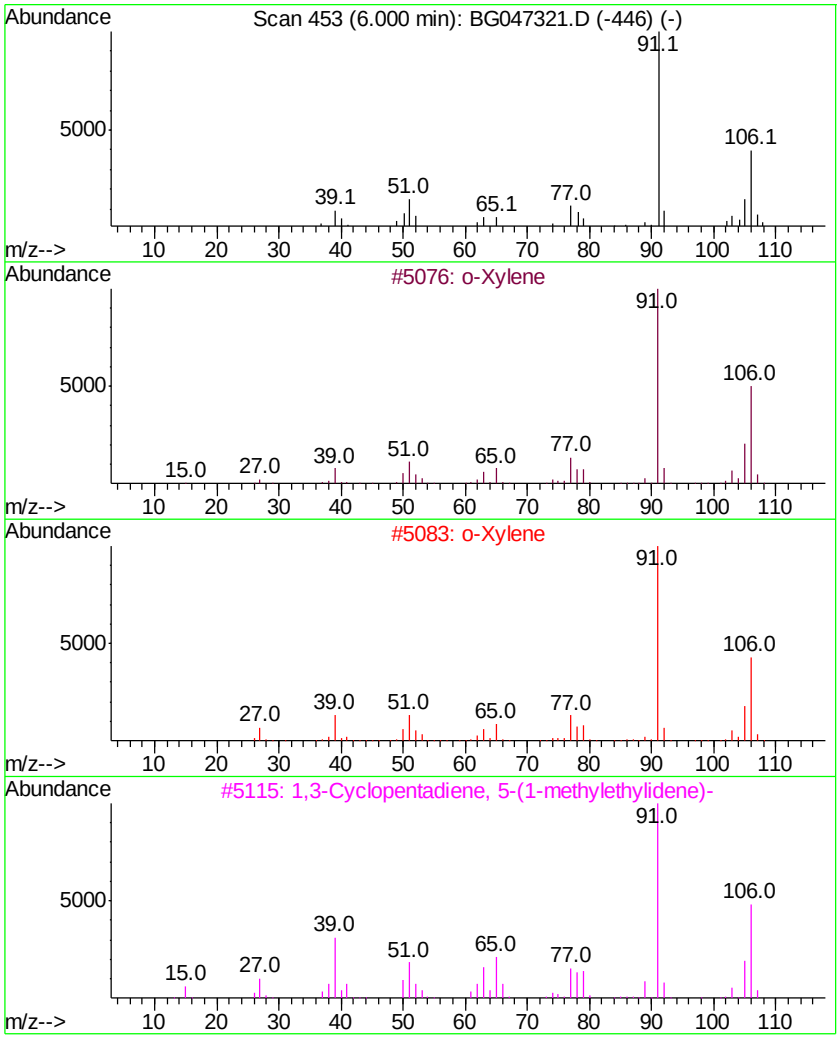
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

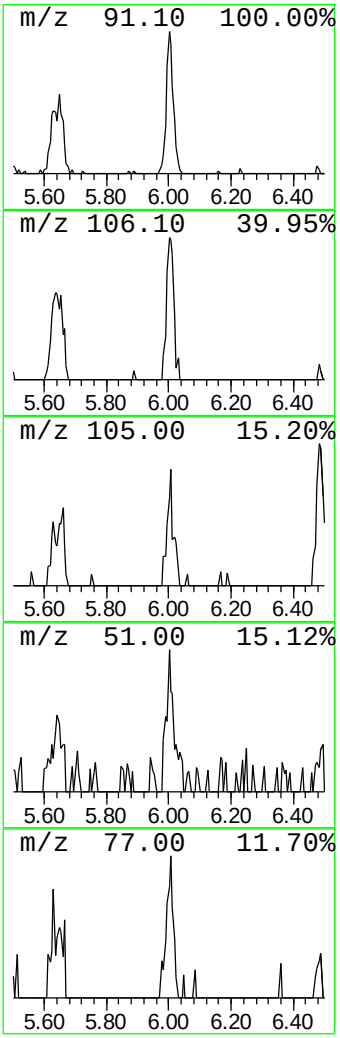
****

Peak Number 1 o-Xylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	2.36 ng/ul	38182	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	90
2	o-Xylene	106	C8H10	000095-47-6	83
3	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	80
4	Ethylbenzene	106	C8H10	000100-41-4	80
5	Ethylbenzene	106	C8H10	000100-41-4	80





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

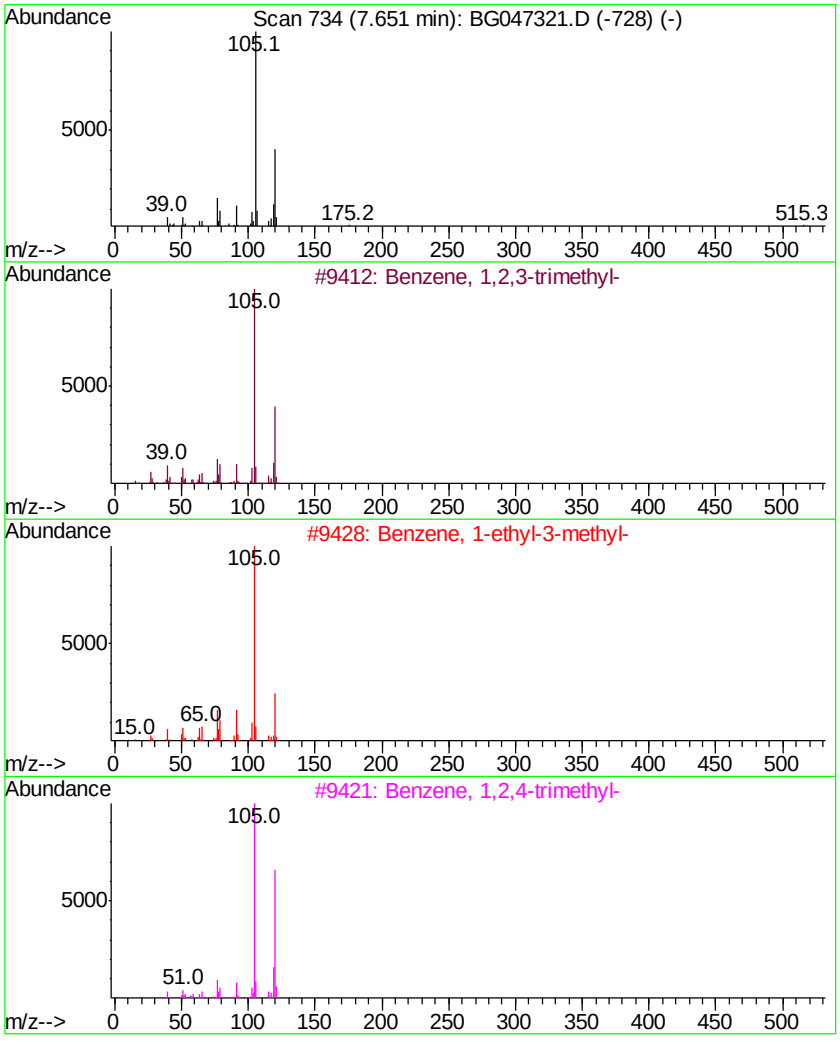
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

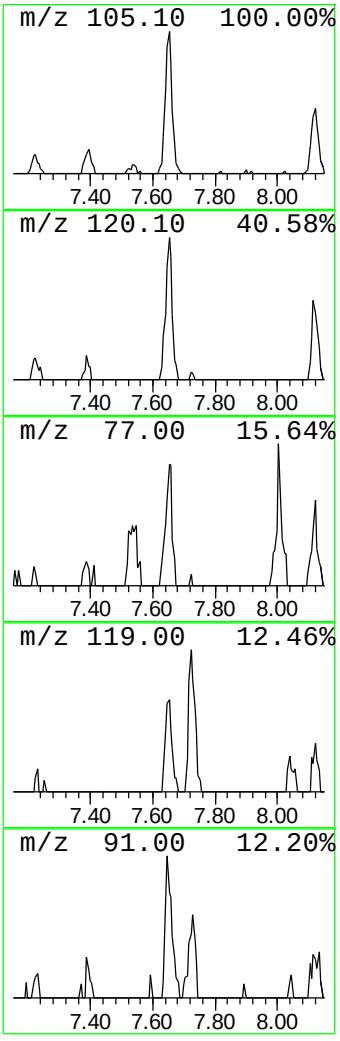
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	2.93 ng/ul	47438	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

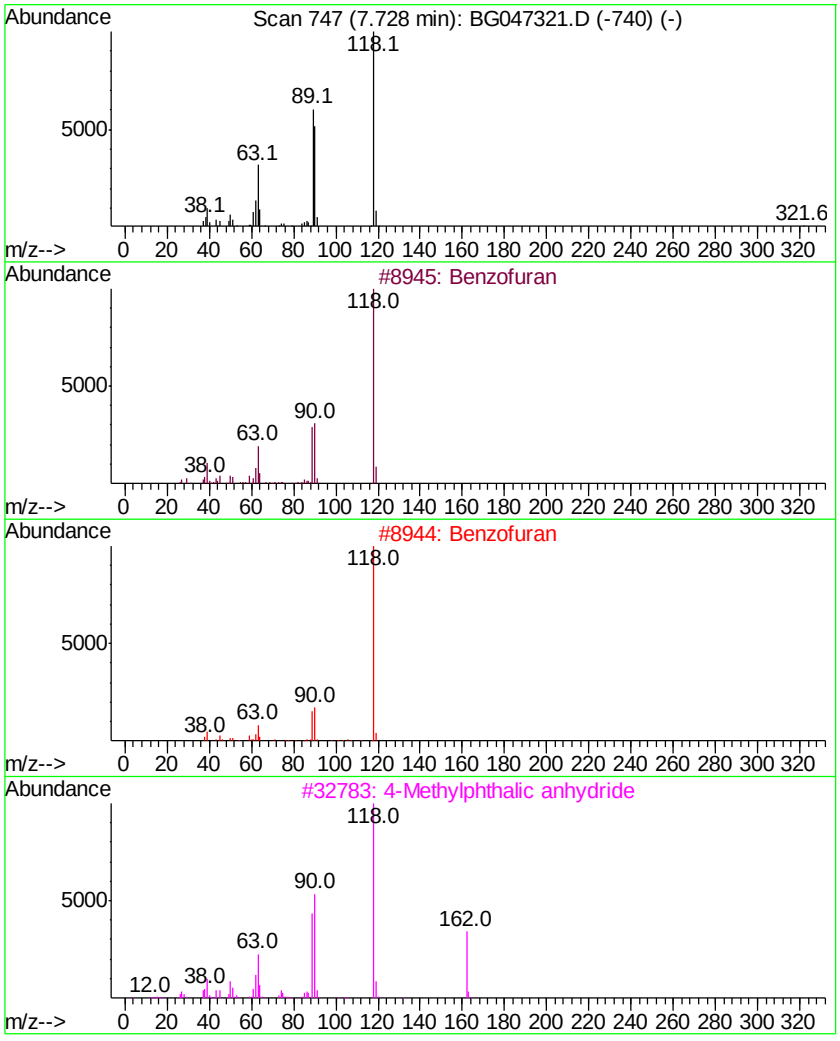
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

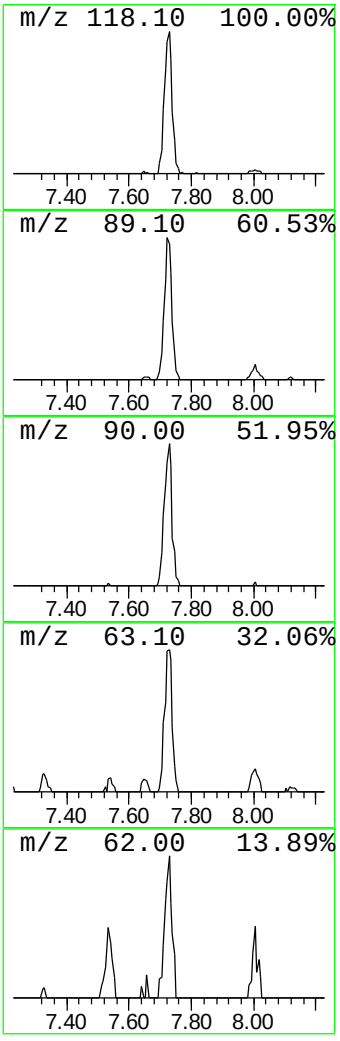
****

Peak Number 3 Benzofuran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	6.74 ng/ul	109347	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	90
3	4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	90
4	Coumarin	146	C9H6O2	000091-64-5	83
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

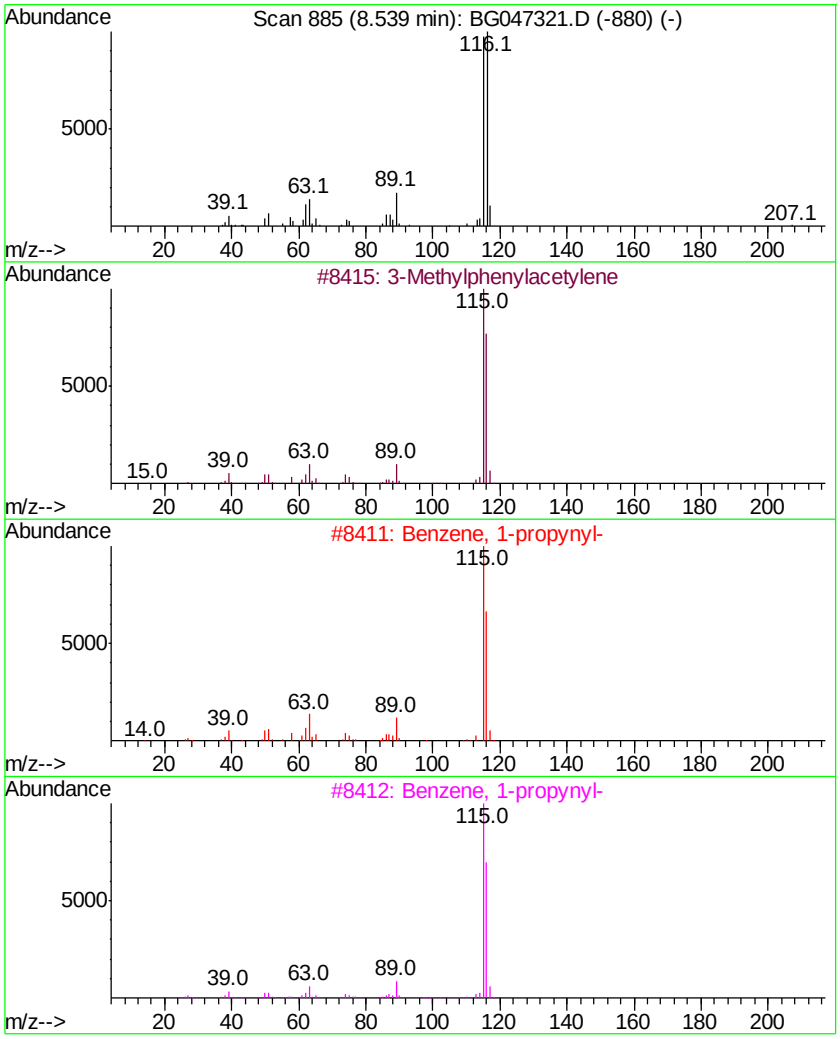
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

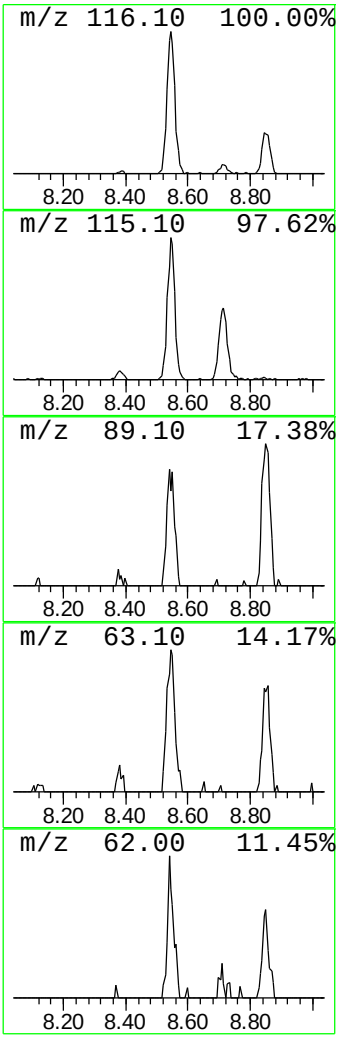
****

Peak Number 4 3-Methylphenylacetylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	8.05 ng/ul	130490	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	Indene	116	C9H8	000095-13-6	90





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

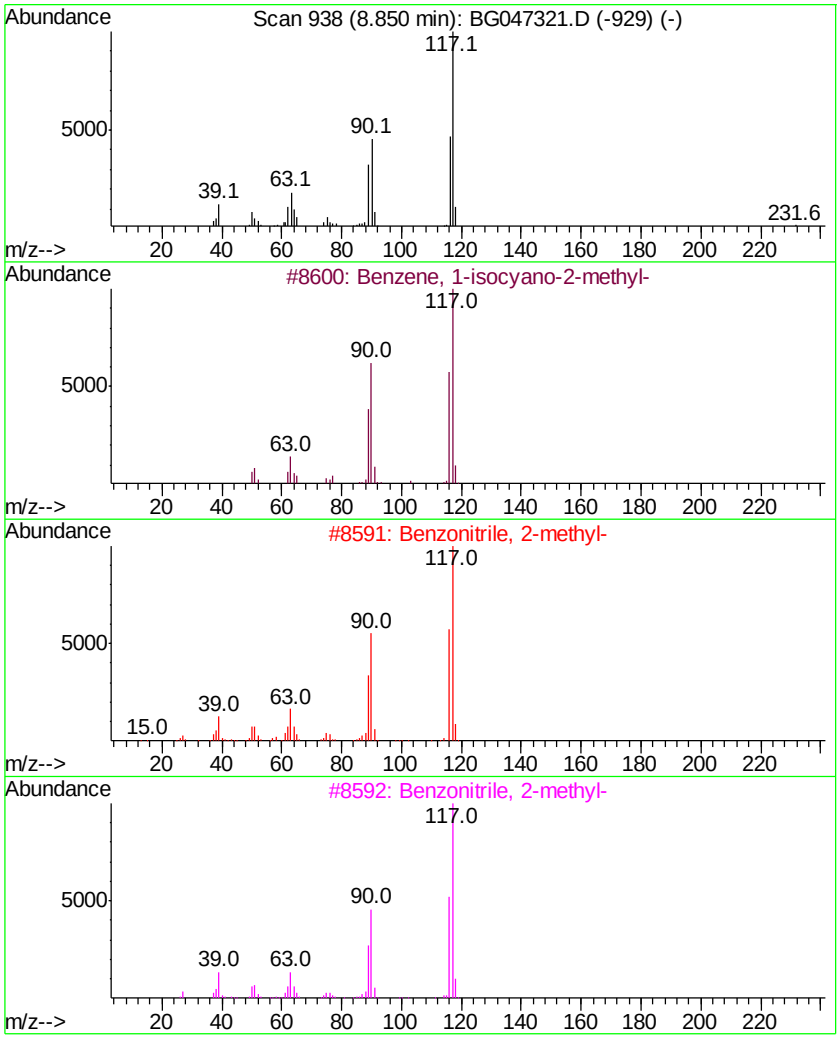
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

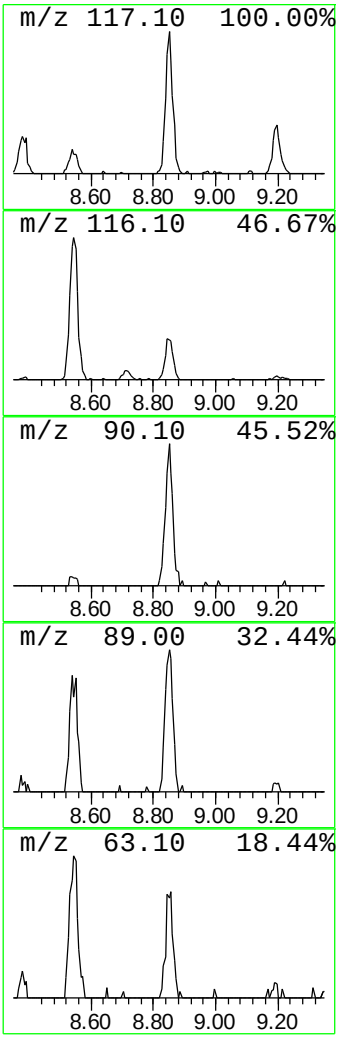
****

Peak Number 5 Benzene, 1-isocyano-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	5.15 ng/ul	83565	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-isocyano-2-methyl-	117	C8H7N	010468-64-1	96
2	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	95
3	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	95
4	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	95
5	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	94





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Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

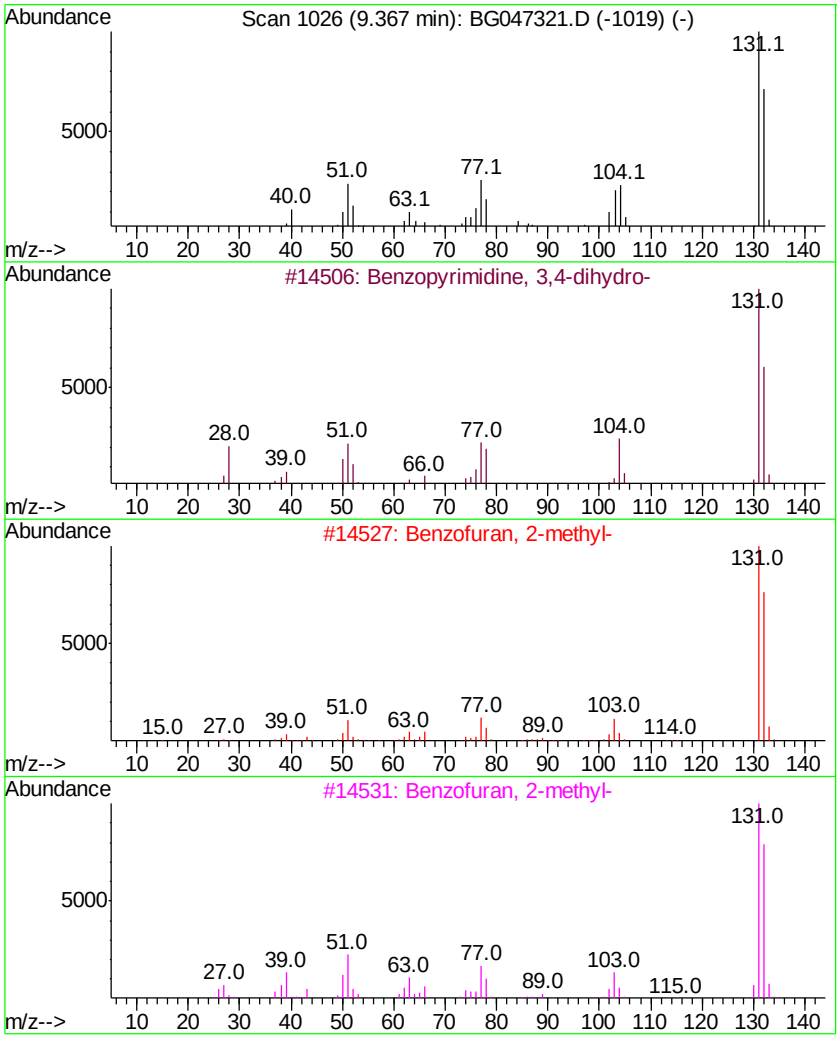
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

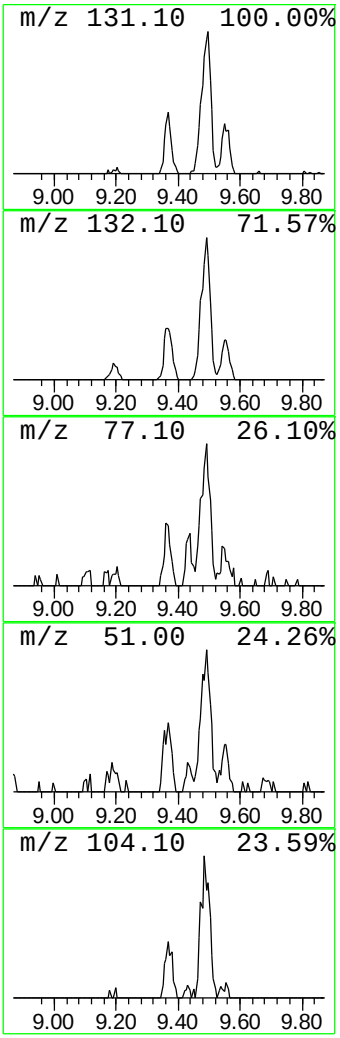
****

Peak Number 6 Benzopyrimidine, 3,4-dihydro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	2.31 ng/ul	37396	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	83





Library Search Compound Report

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Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

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Quant Title : SVOA CALIBRATION

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

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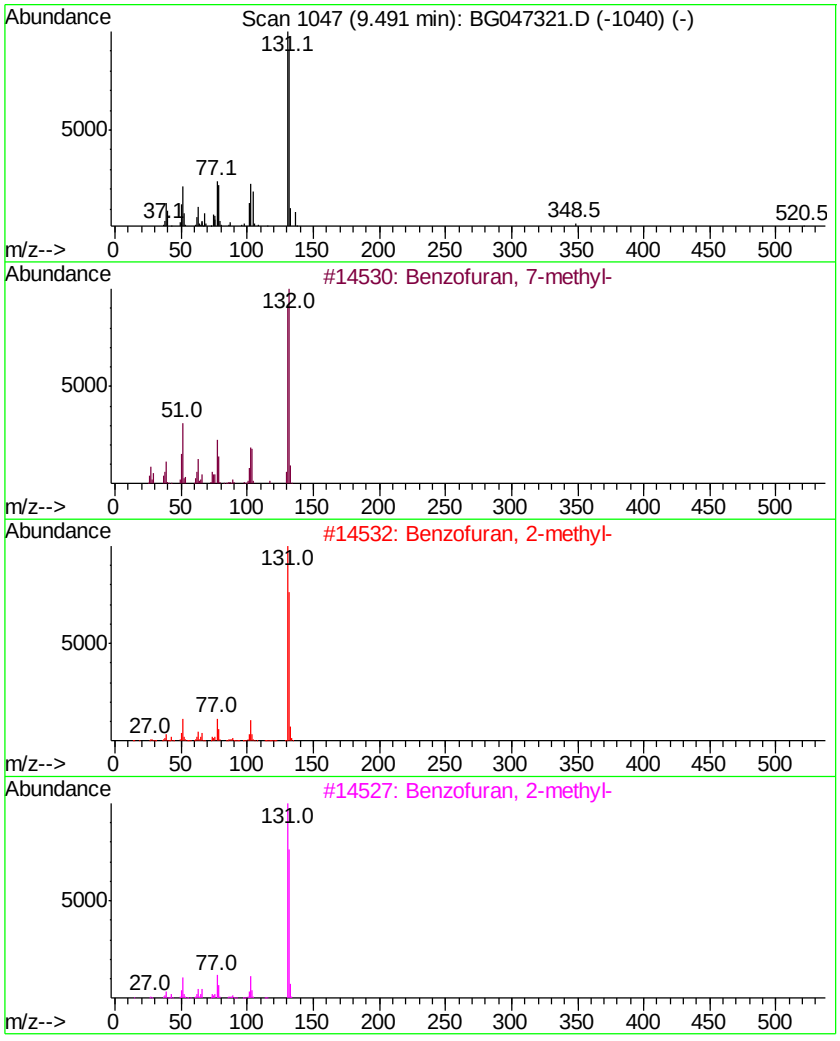
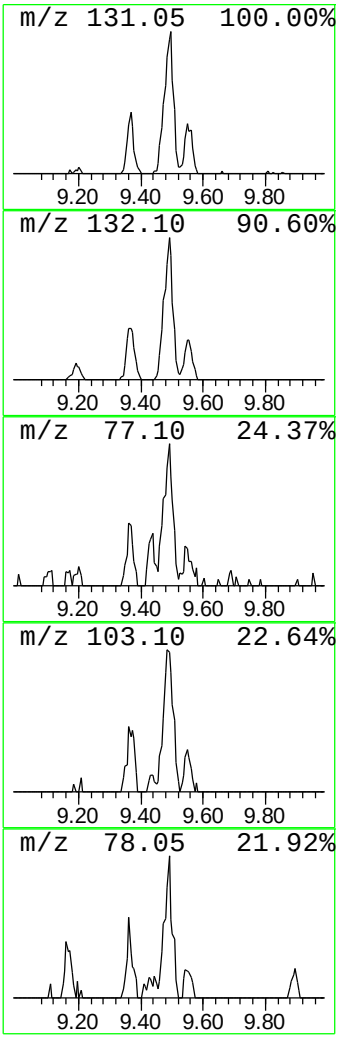
Peak Number 7 Benzofuran, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	6.20 ng/ul	124064	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	83





Library Search Compound Report

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Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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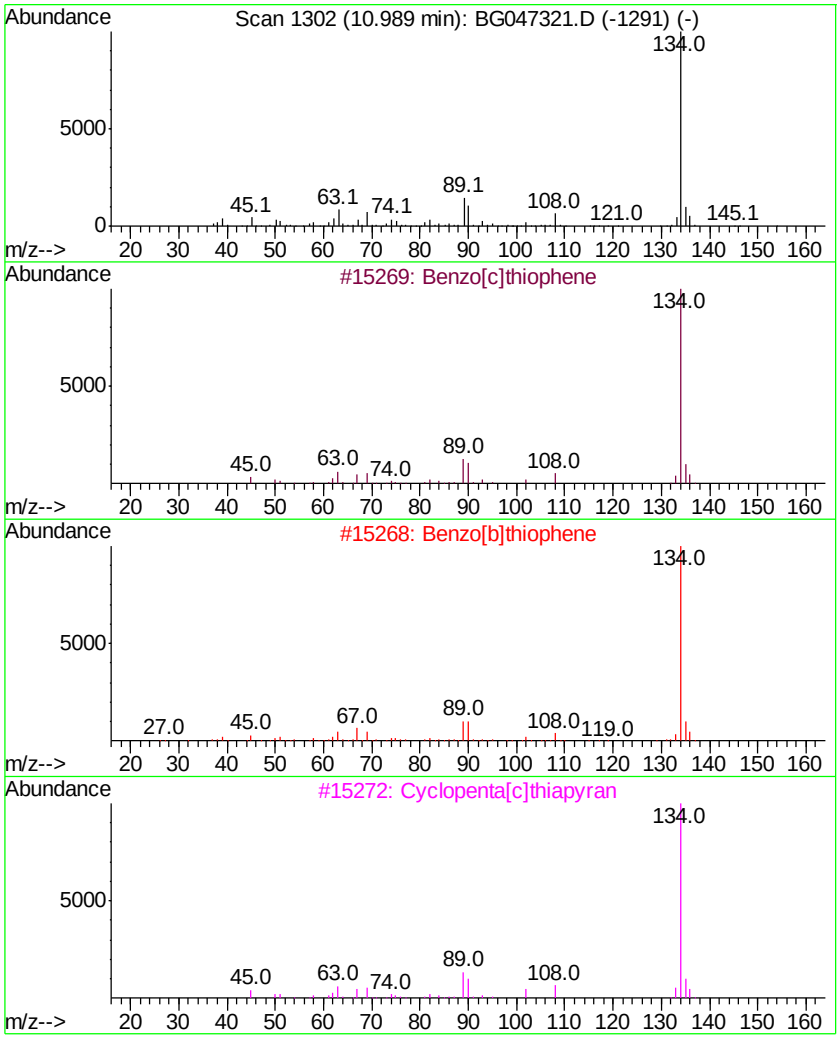
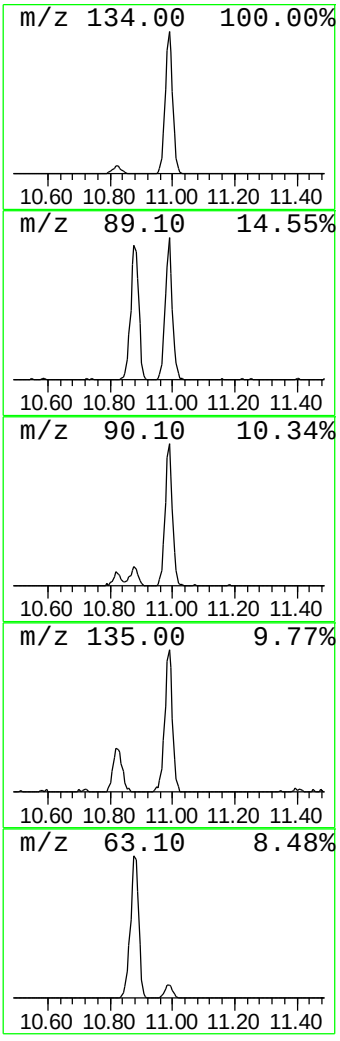
Peak Number 8 Benzo[c]thiophene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	35.80 ng/ul	716499	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	94





Library Search Compound Report

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Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

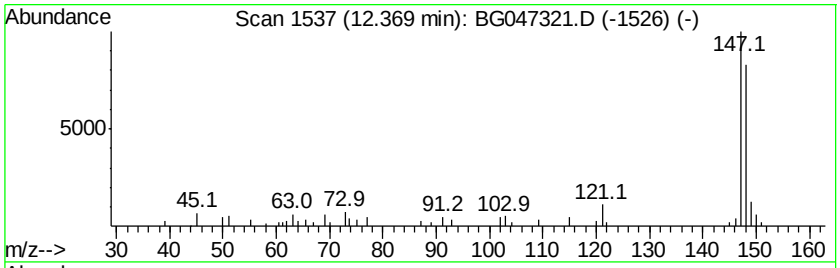
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

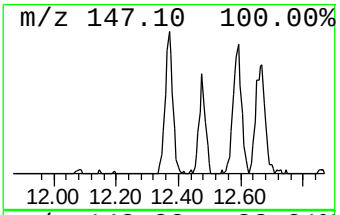
****

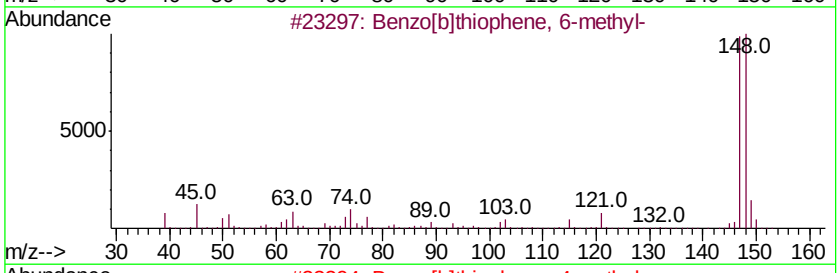
Peak Number 9 Benzo[b]thiophene, 6-methyl- Concentration Rank 15

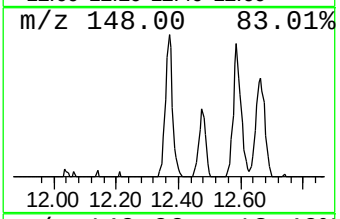
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.69 ng/ul	53800	Naphthalene-d8	10.82

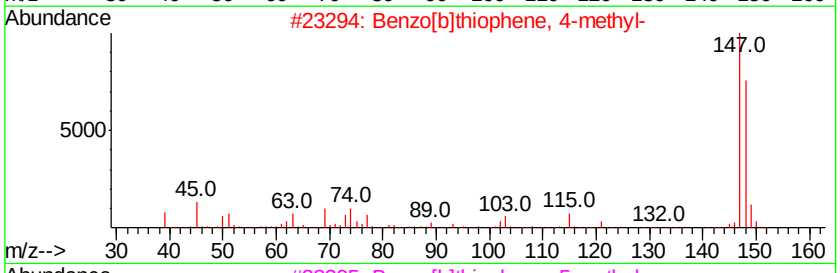
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	86

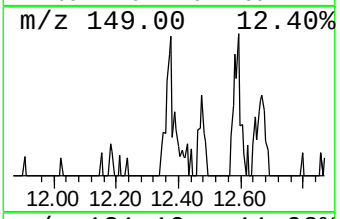


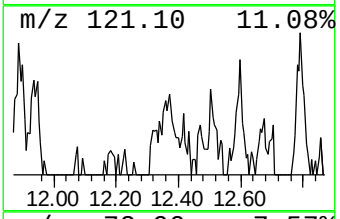


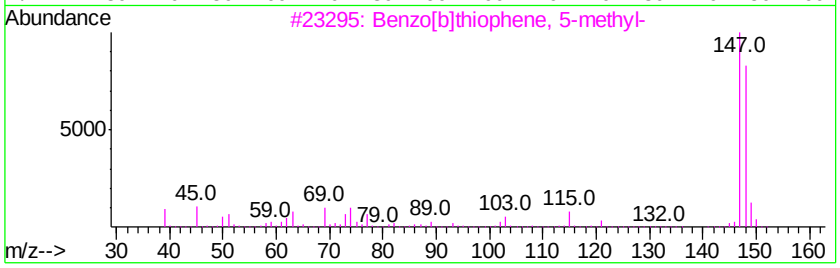


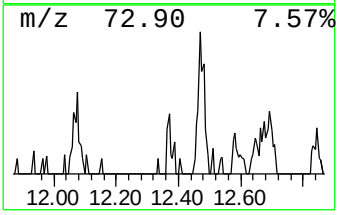












Library Search Compound Report

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Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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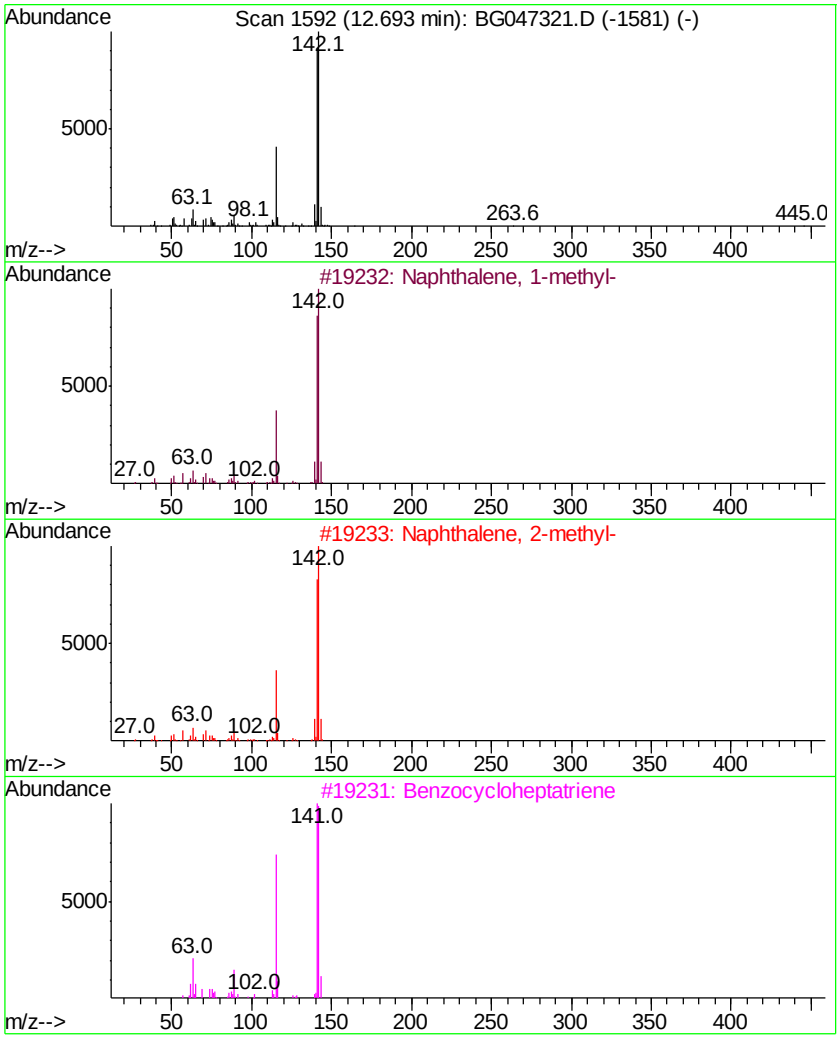
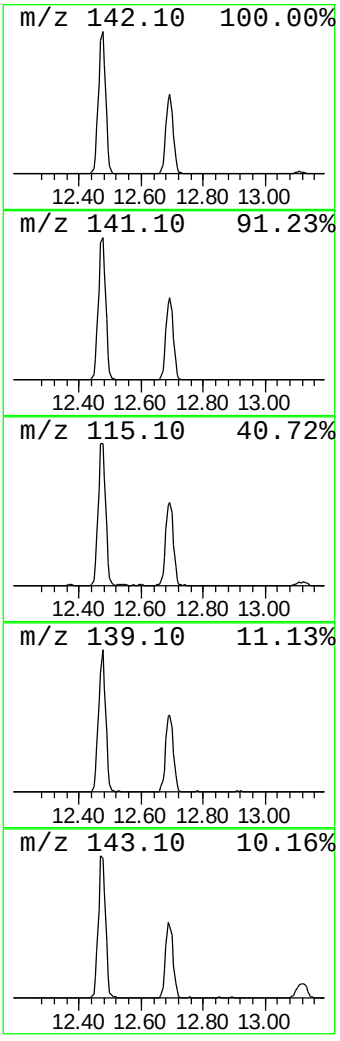
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	34.20 ng/ul	684550	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

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Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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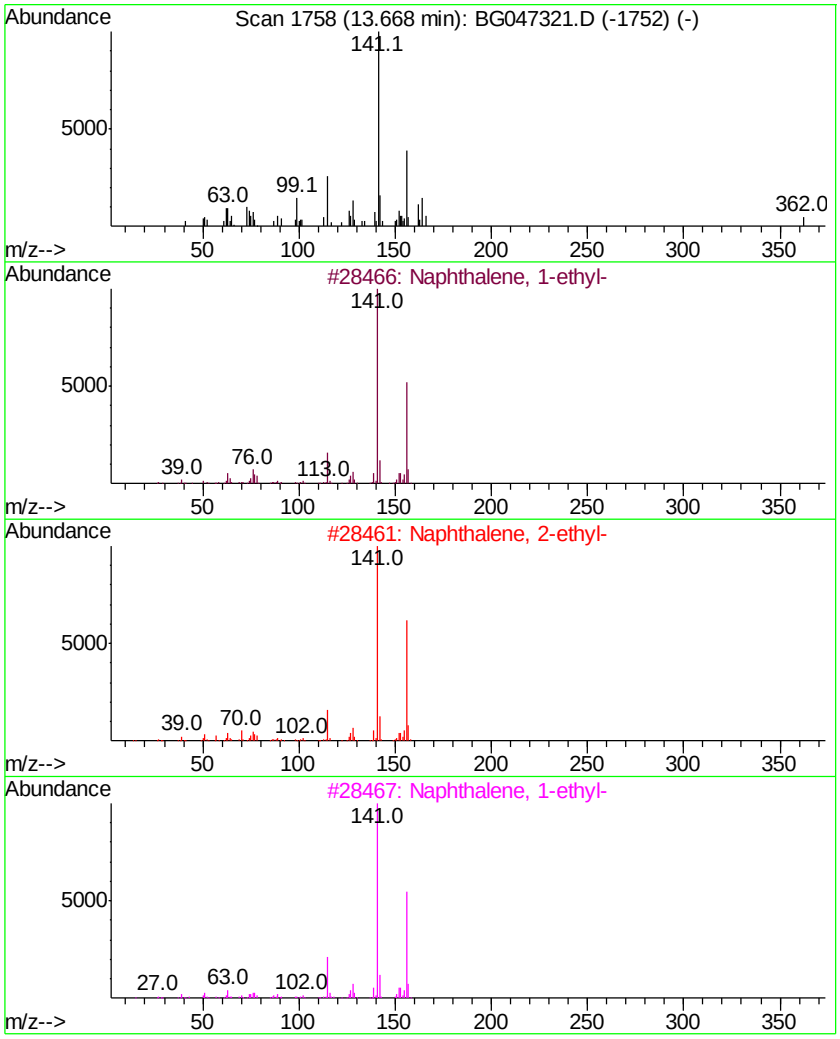
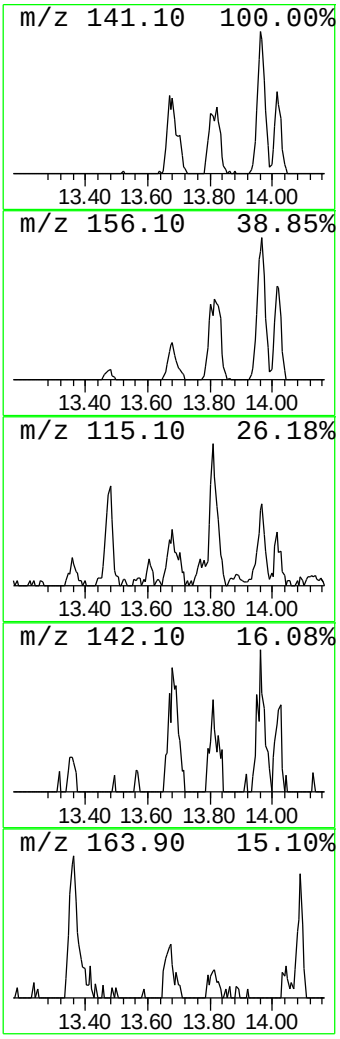
Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	2.47 ng/ul	77816	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	70
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	70
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	70
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	70
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	64





Library Search Compound Report

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Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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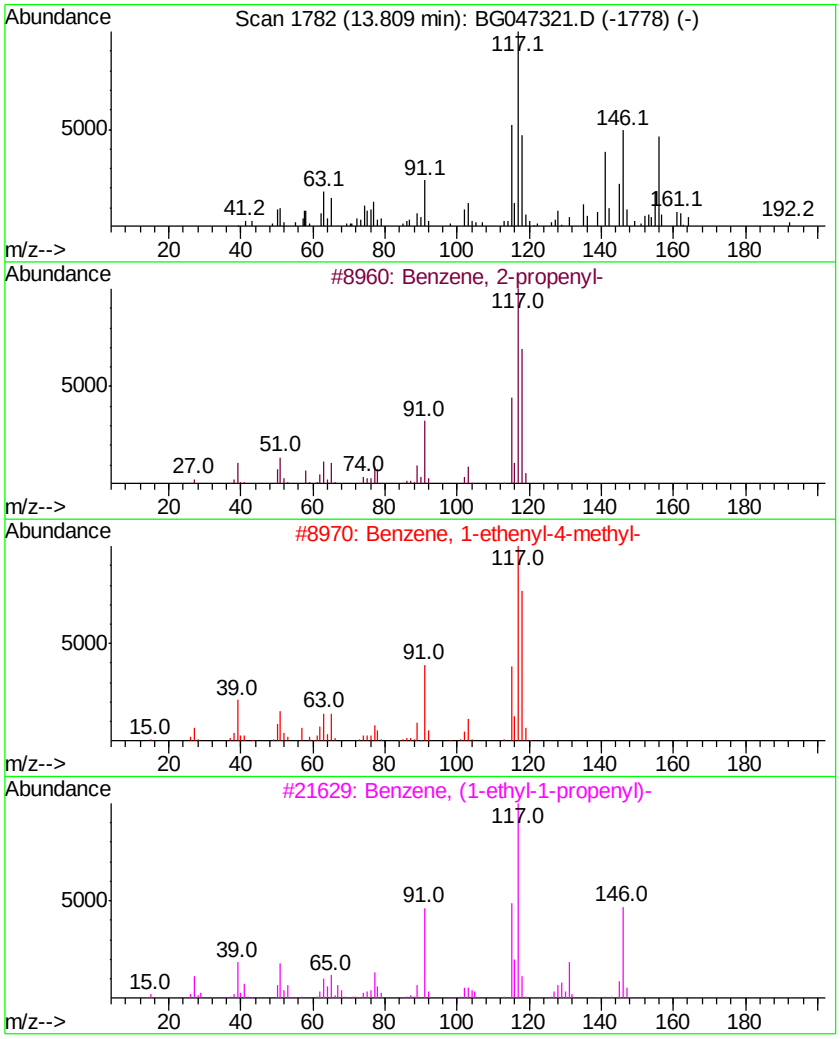
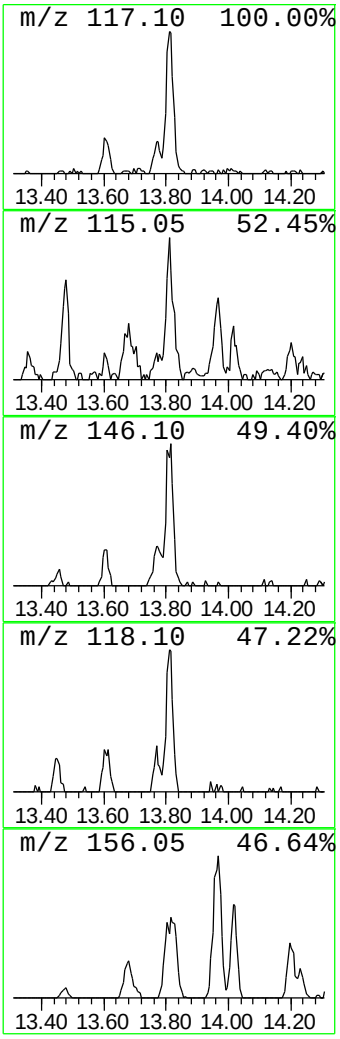
Peak Number 12 Benzene, 2-propenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	5.39 ng/ul	169479	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	53
3	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	46
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	46
5	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	46





Library Search Compound Report

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Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

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Quant Title : SVOA CALIBRATION

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

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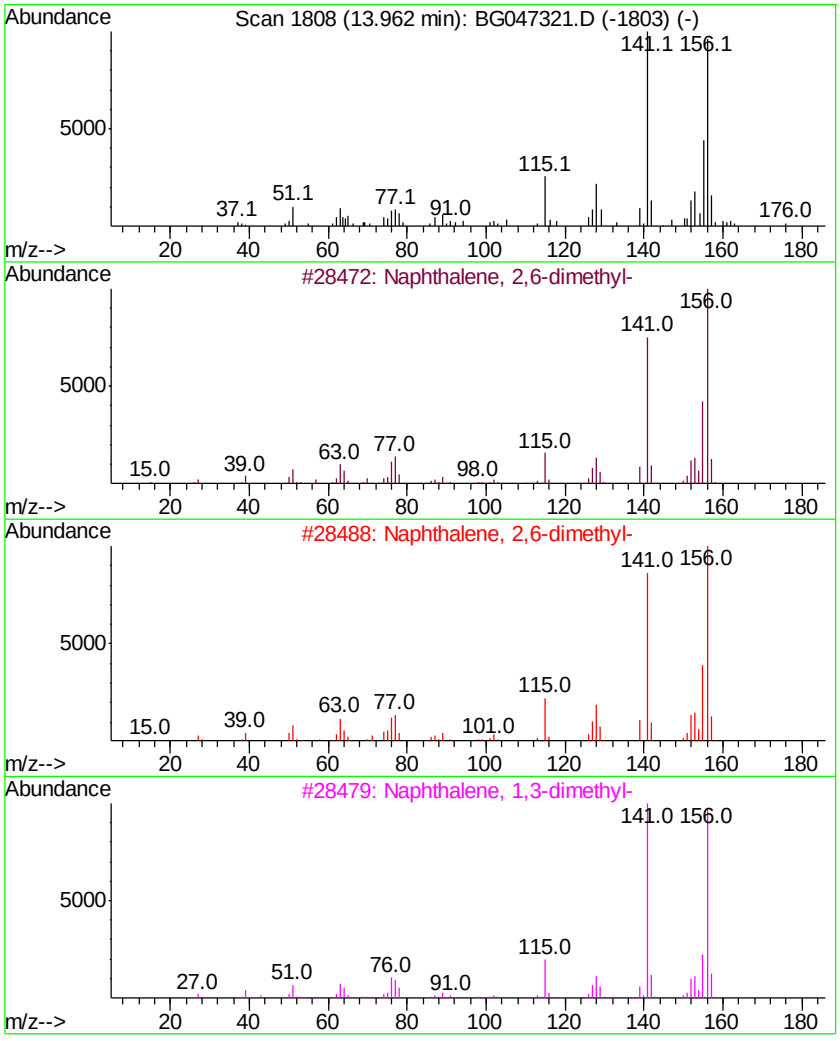
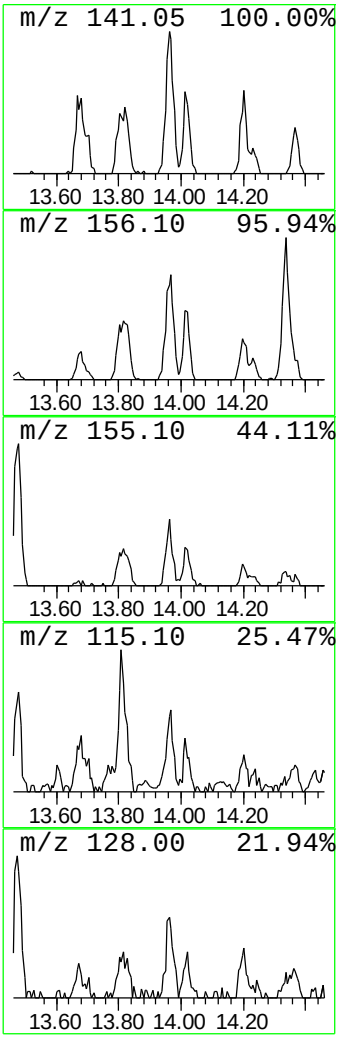
Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	3.52 ng/ul	110719	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93





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Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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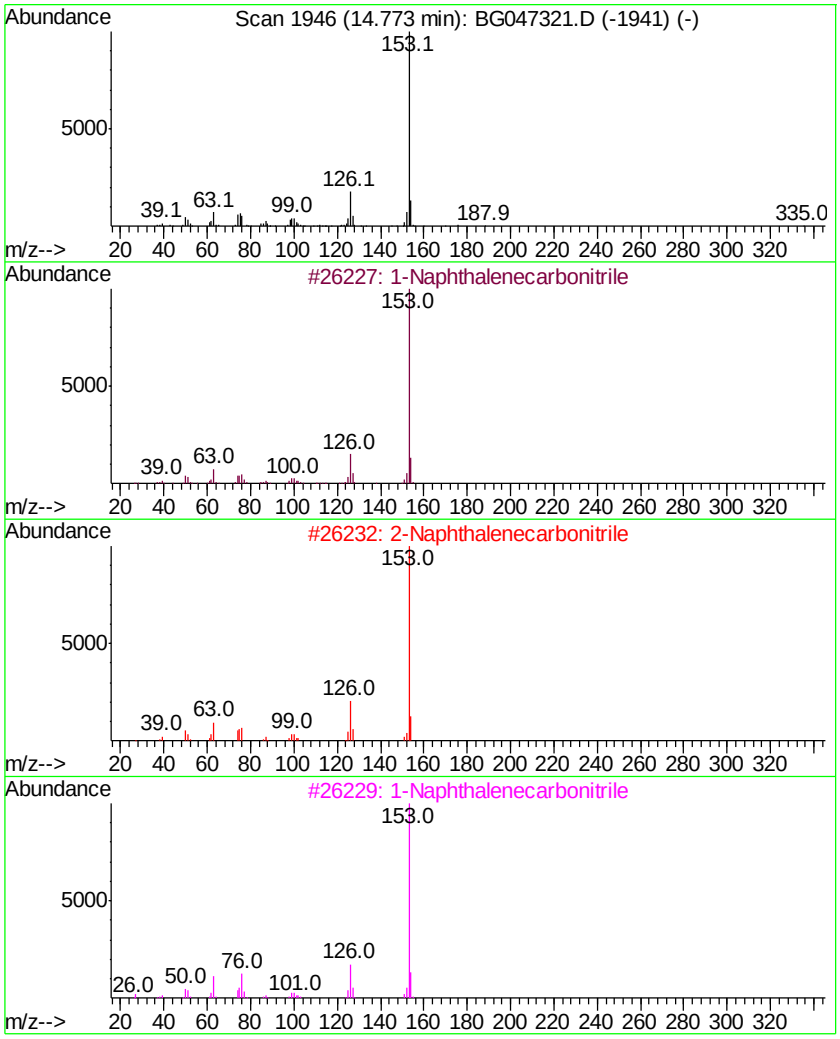
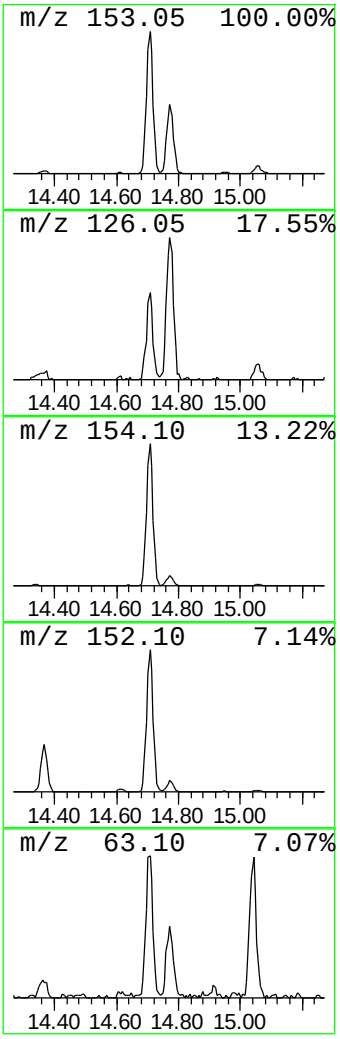
Peak Number 14 1-Naphthalenecarbonitrile Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	8.73 ng/ul	274377	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	95
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
5	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	90





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Misc :
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Instrument : BNA_G
ClientSampleId : DBGE5DL

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Quant Title : SVOA CALIBRATION

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

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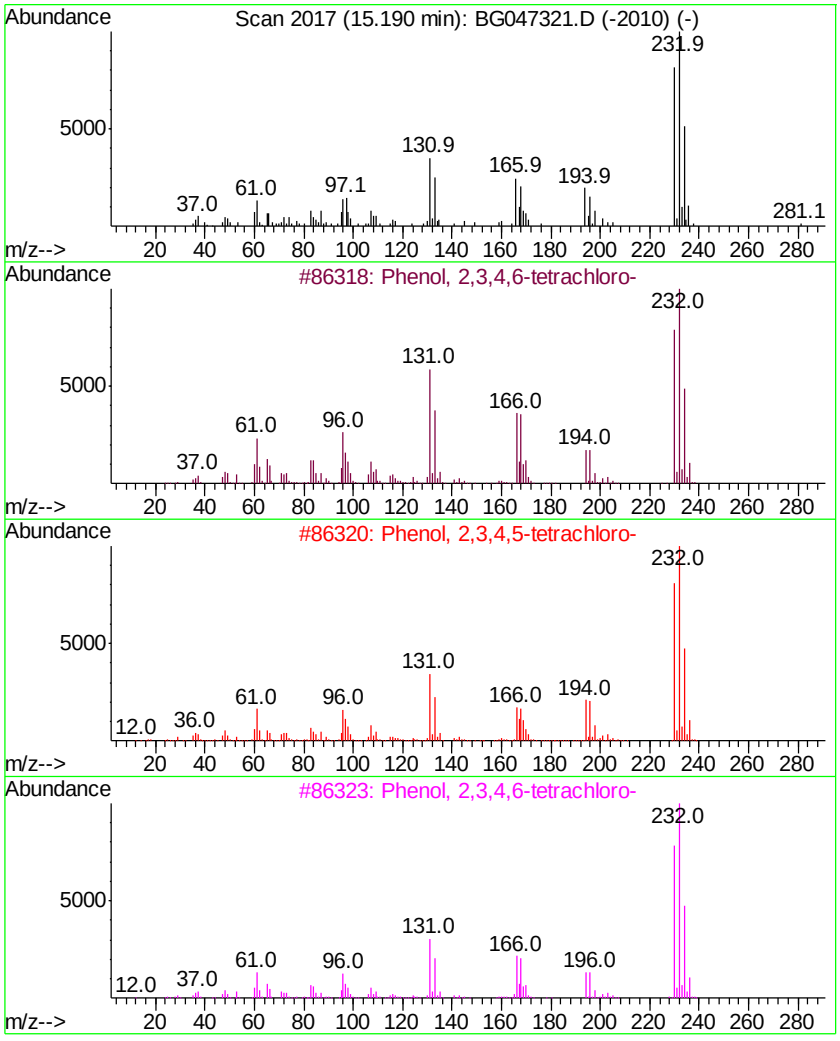
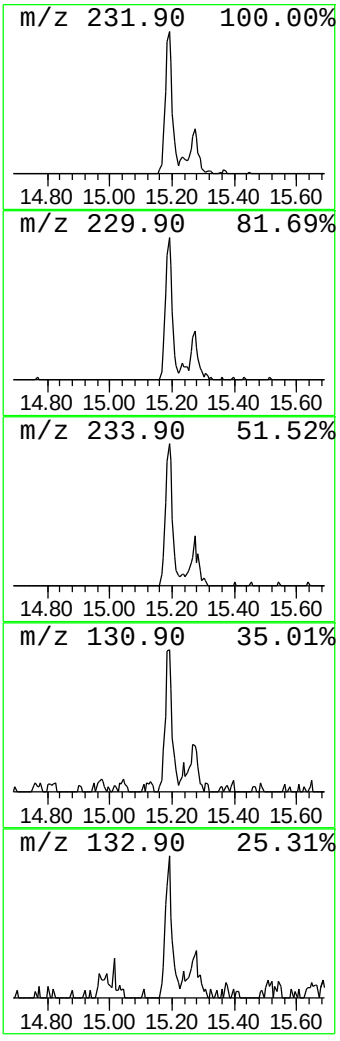
Peak Number 15 Phenol, 2,3,4,5-tetrachloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	4.48 ng/ul	140984	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
2	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	99
3	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
4	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	98
5	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	93





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

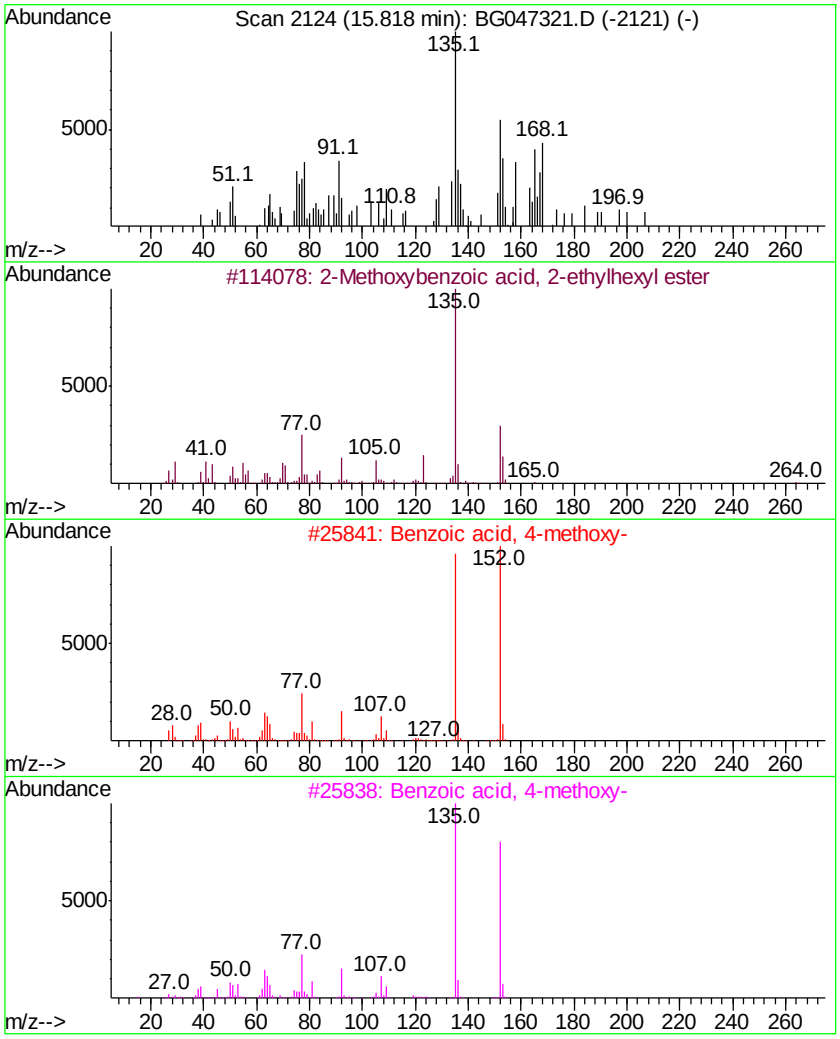
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

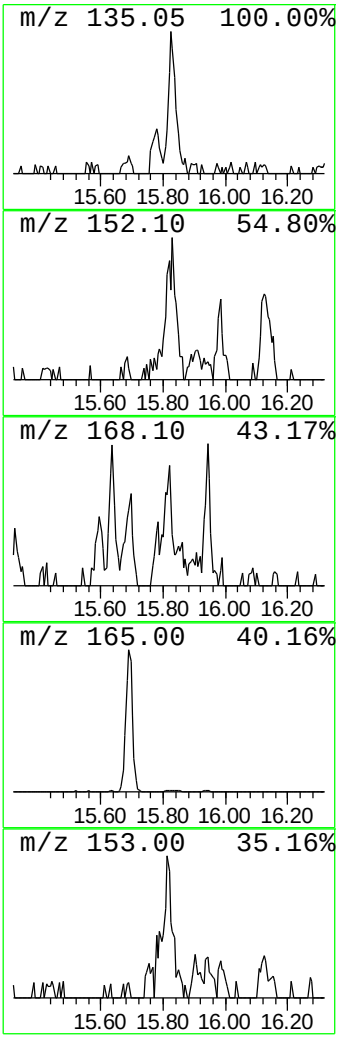
****

Peak Number 16 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	2.65 ng/ul	83212	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxybenzoic acid, 2-ethylhe...	264	C16H24O3	016397-72-1	35
2	Benzoic acid, 4-methoxy-	152	C8H8O3	000100-09-4	30
3	Benzoic acid, 4-methoxy-	152	C8H8O3	000100-09-4	27
4	2-Methoxybenzoic acid, 4-methylp...	236	C14H20O3	1000293-46-0	27
5	Benzoic acid, 4-methoxy-	152	C8H8O3	000100-09-4	27





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Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

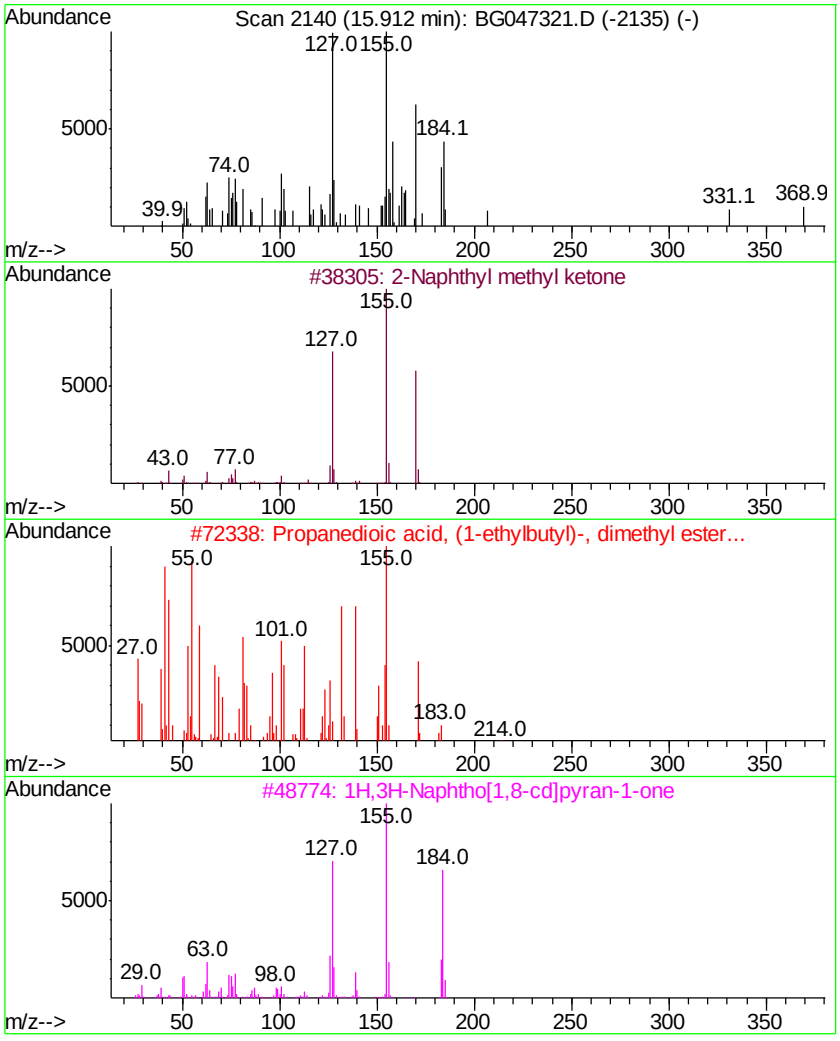
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

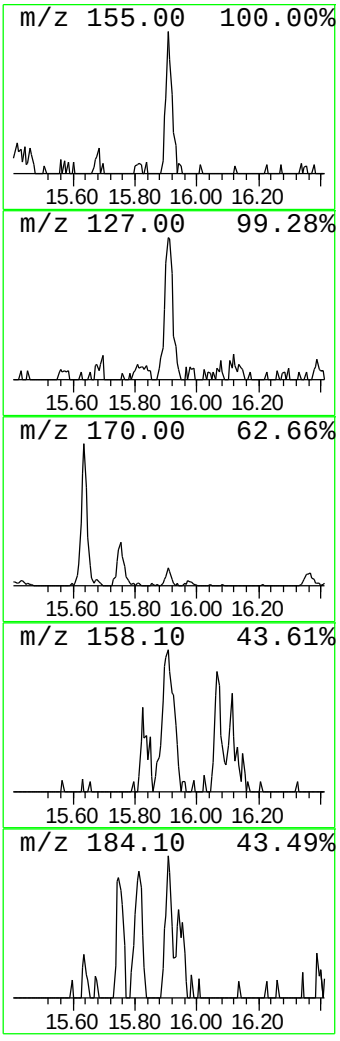
****

Peak Number 17 2-Naphthyl methyl ketone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	2.06 ng/ul	64885	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	55
2	Propanedioic acid, (1-ethylbutyl...	214	C11H18O4	092747-24-5	53
3	1H,3H-Naphtho[1,8-cd]pyran-1-one	184	C12H8O2	000518-86-5	49
4	1H,3H-Naphtho[1,8-cd]pyran-1-one	184	C12H8O2	000518-86-5	49
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	43





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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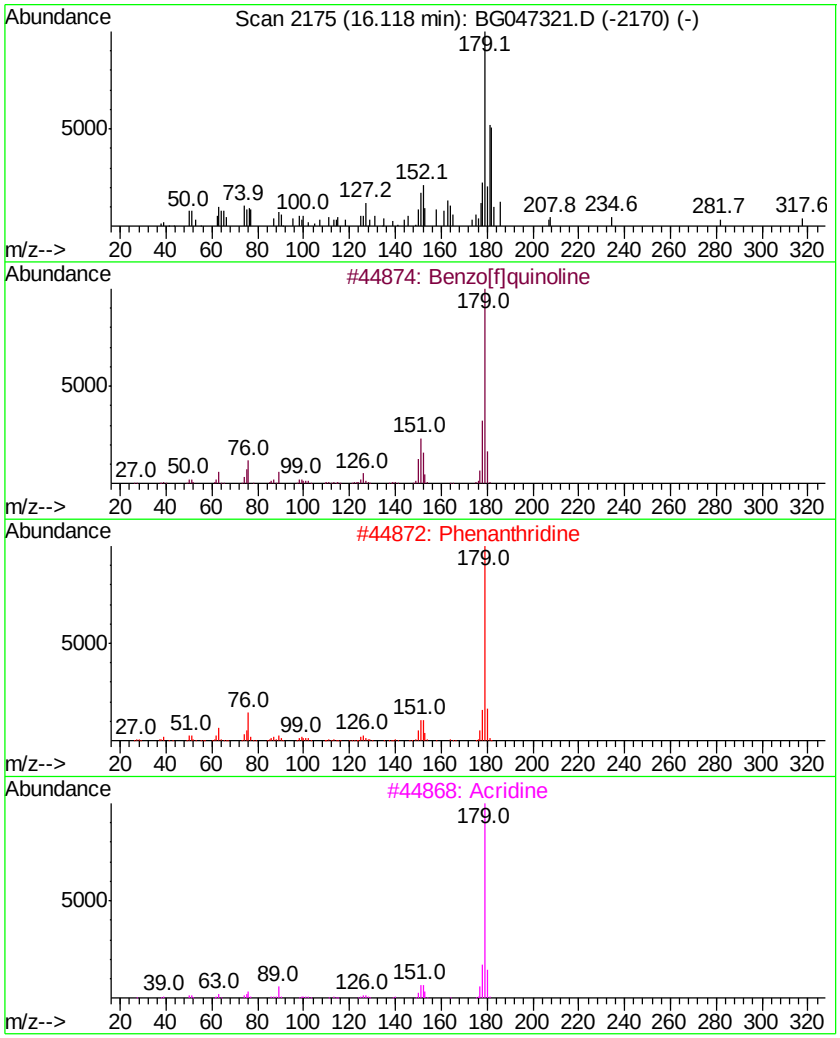
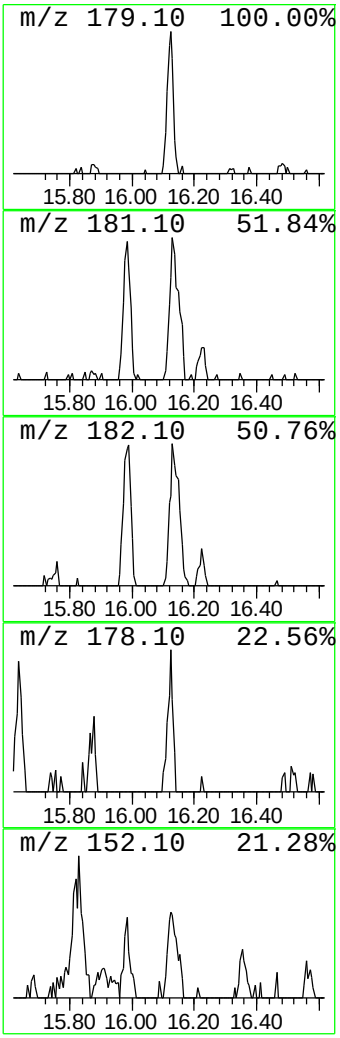
Peak Number 18 Benzo[f]quinoline Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	2.23 ng/ul	83578	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[f]quinoline	179	C13H9N	000085-02-9	60
2	Phenanthridine	179	C13H9N	000229-87-8	60
3	Acridine	179	C13H9N	000260-94-6	58
4	Benzo[g]isoquinoline	179	C13H9N	000260-32-2	58
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	58





Library Search Compound Report

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Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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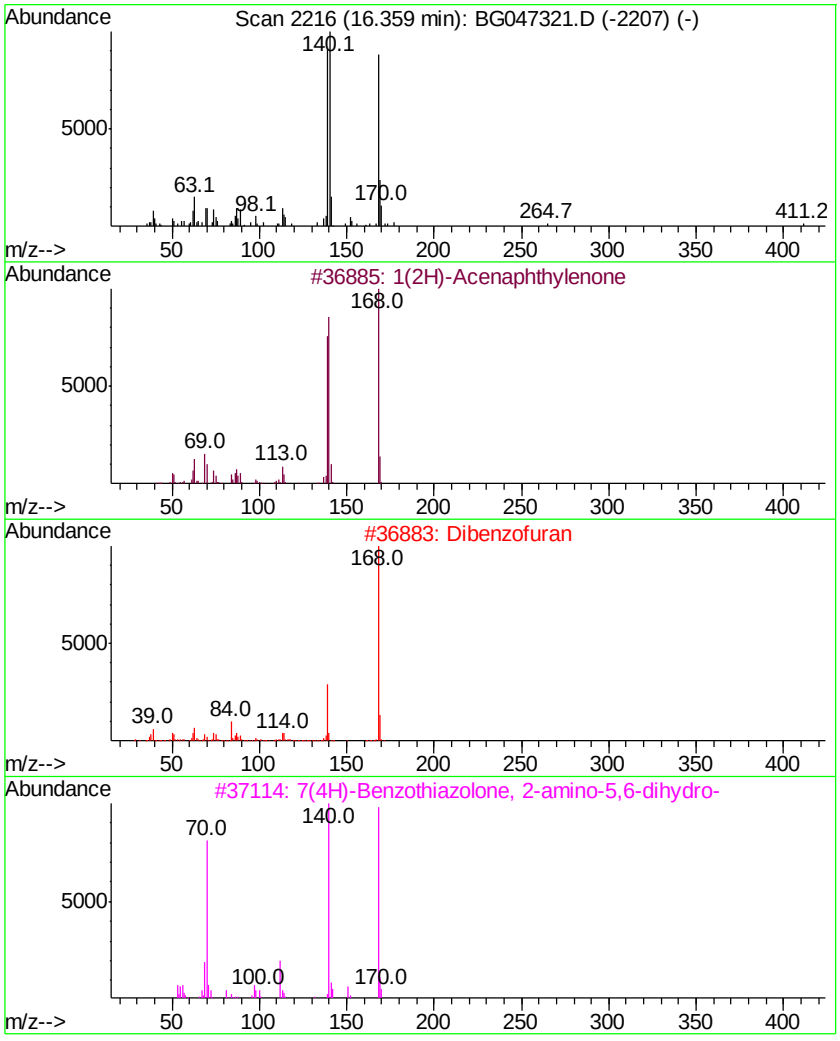
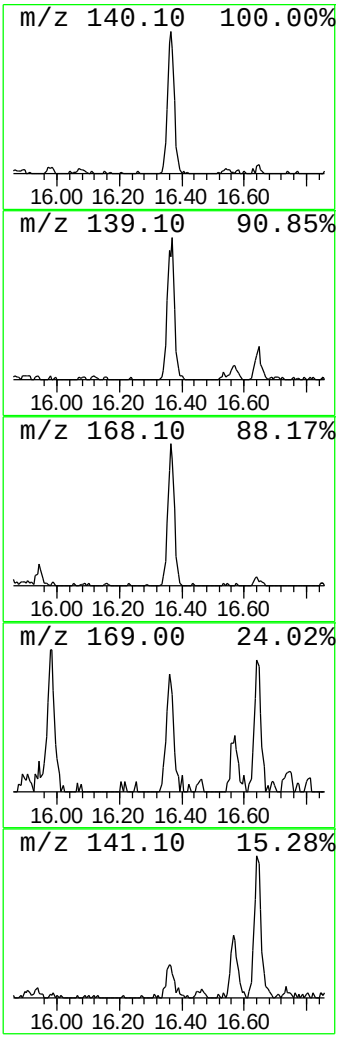
Peak Number 19 1(2H)-Acenaphthylenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	3.44 ng/ul	128939	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	94
2	Dibenzofuran	168	C12H8O	000132-64-9	64
3	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	50
4	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	47
5	2-Amino-5,6-dihydro-4H-cyclopent...	140	C6H8N2S	053051-97-1	46





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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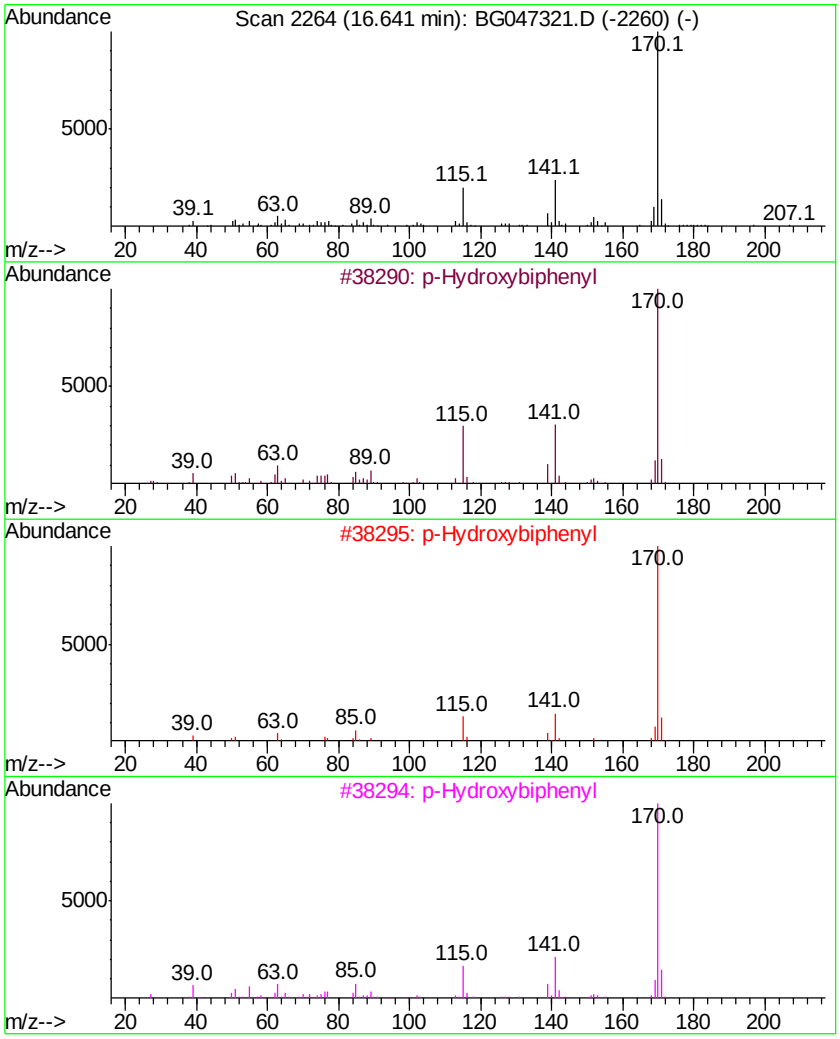
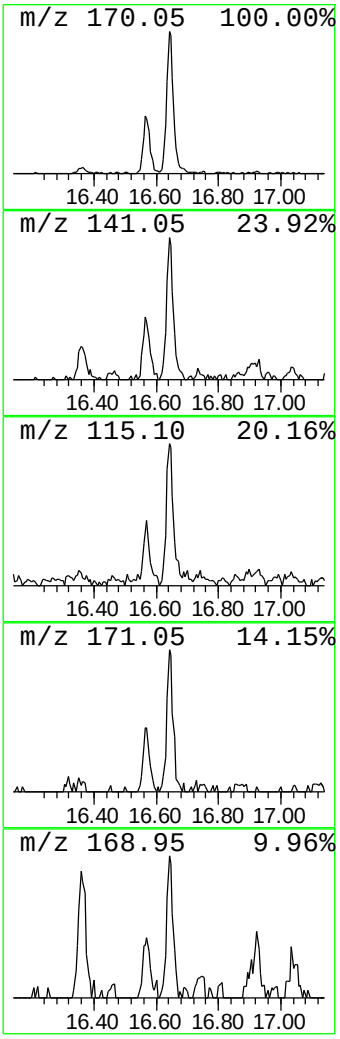
Peak Number 20 p-Hydroxybiphenyl Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	4.15 ng/ul	155351	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	95
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94
4	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	91
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	87





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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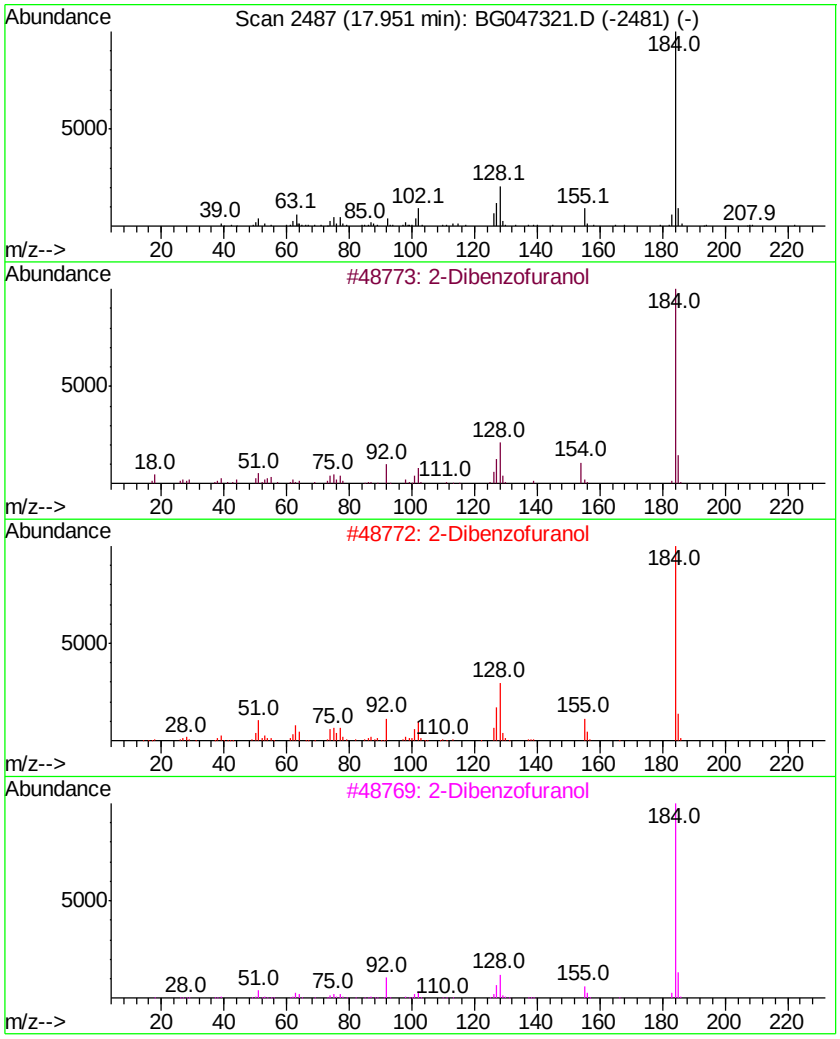
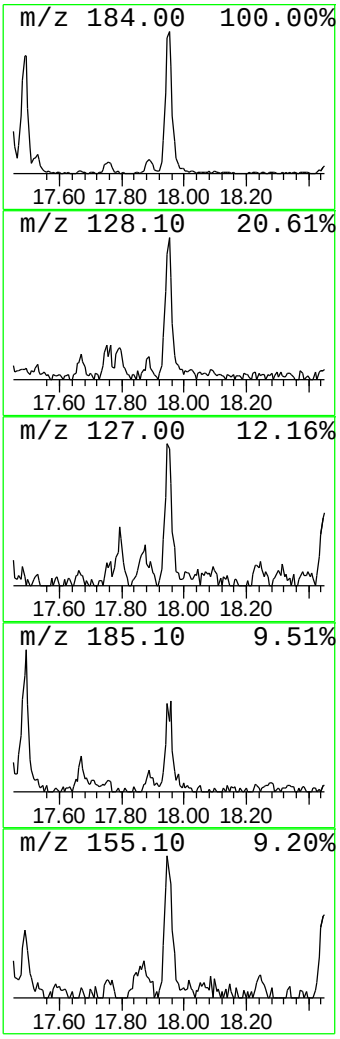
Peak Number 21 2-Dibenzofuranol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	3.73 ng/ul	139926	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	80
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	80
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	72
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	72
5	1H-Pyrazolo[3,4-b]quinolin-3-amine	184	C10H8N4	1000319-54-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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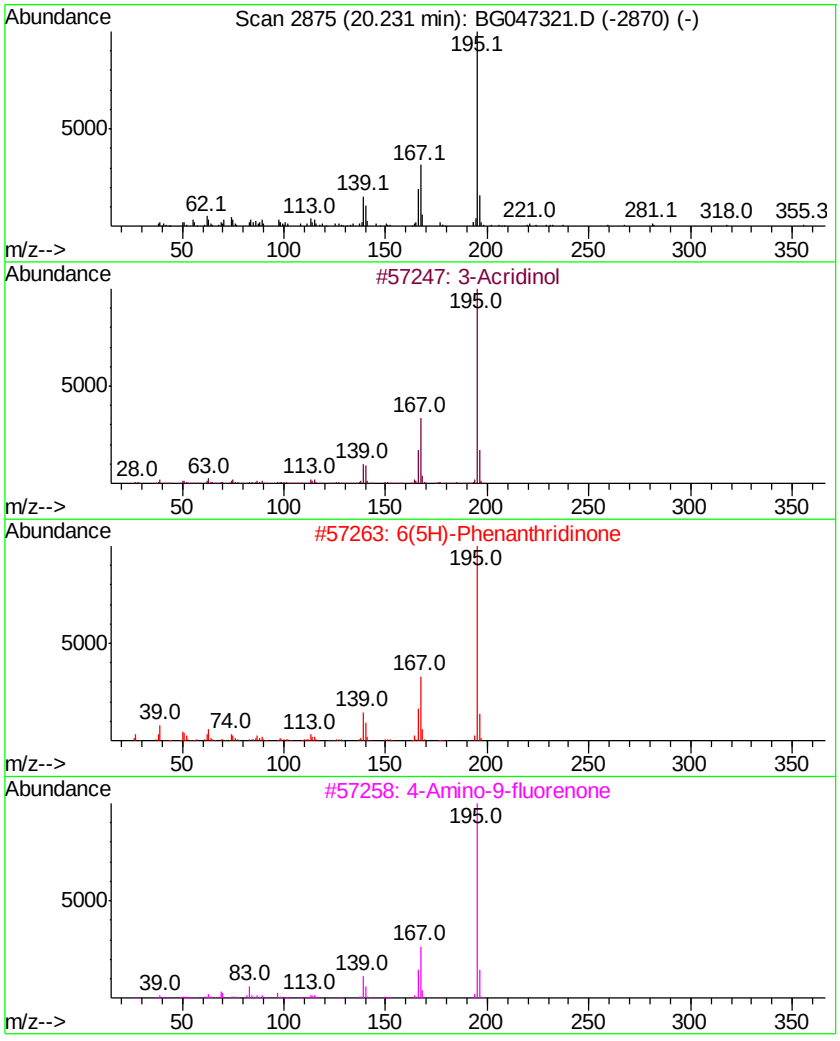
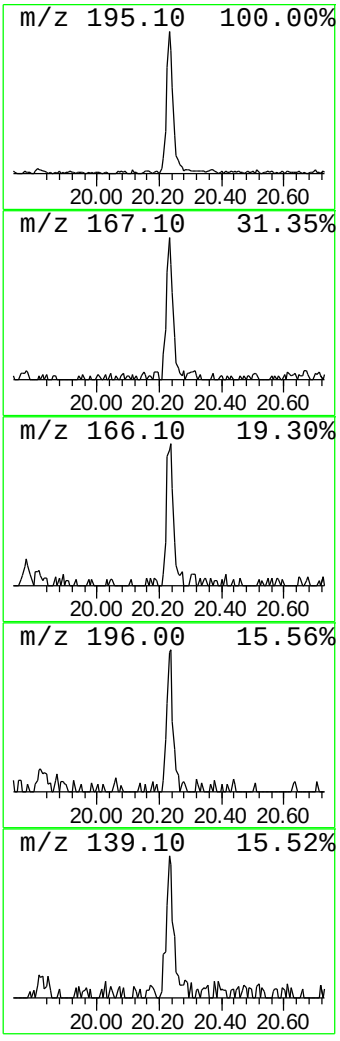
Peak Number 22 3-Acridinol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	2.16 ng/ul	92291	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acridinol	195	C13H9NO	007132-70-9	97
2	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
3	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

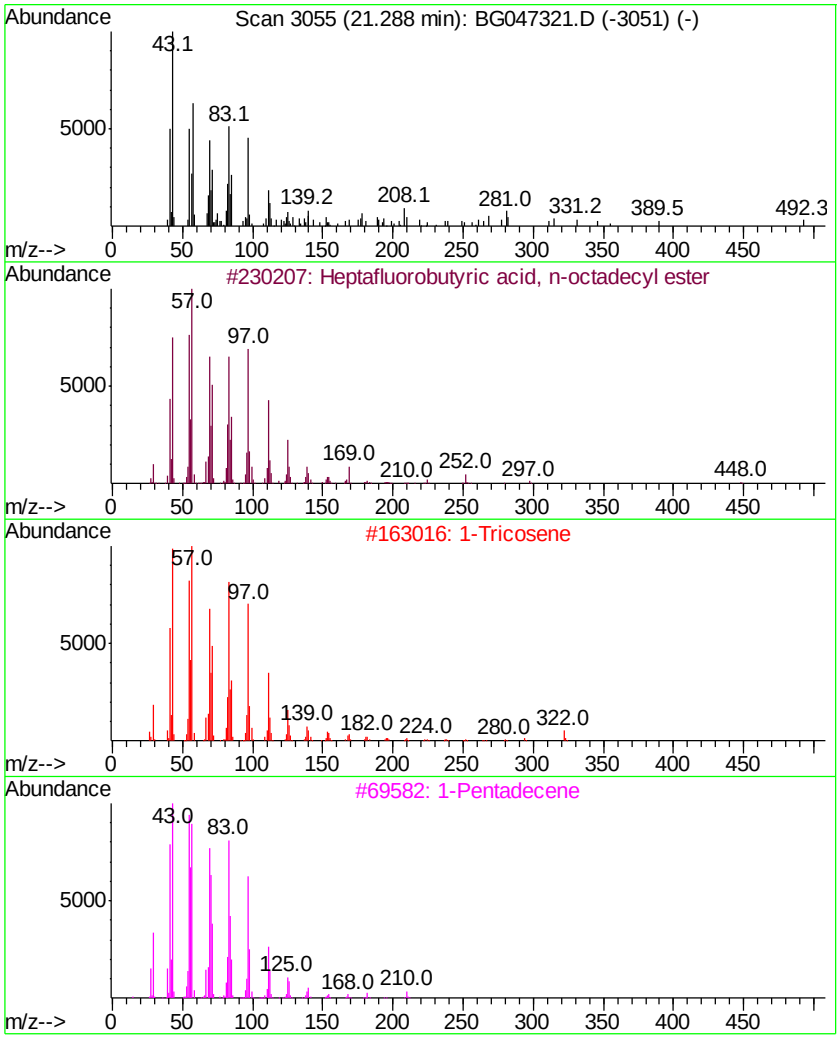
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

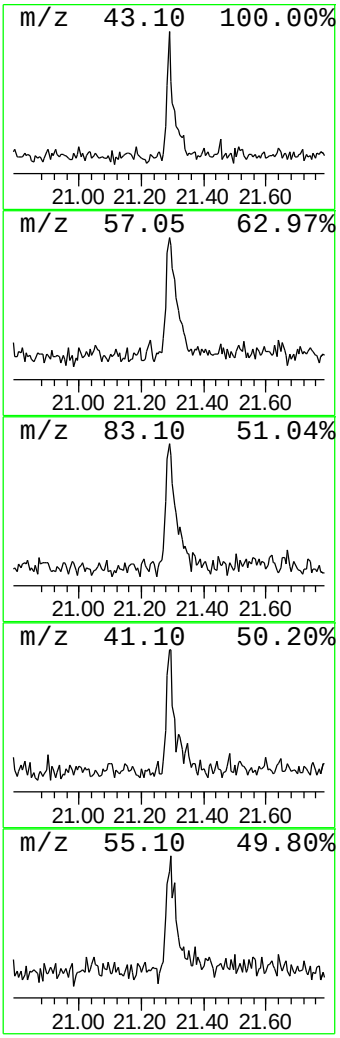
****

Peak Number 23 Heptafluorobutyric acid, n-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.42 ng/ul	103720	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	58
2	1-Tricosene	322	C23H46	018835-32-0	52
3	1-Pentadecene	210	C15H30	013360-61-7	52
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	52
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111220\
Data File : BG047321.D
Acq On : 13 Nov 2020 9:14
Operator : CG/JU
Sample : L4726-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGE5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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
o-Xylene	6.00	2.4	ng/ul	38182	1	8.00	324254	20.0
Benzene, 1,2,3-tr...	7.65	2.9	ng/ul	47438	1	8.00	324254	20.0
Benzofuran	7.73	6.7	ng/ul	109347	1	8.00	324254	20.0
3-Methylphenylace...	8.54	8.1	ng/ul	130490	1	8.00	324254	20.0
Benzene, 1-isocya...	8.85	5.2	ng/ul	83565	1	8.00	324254	20.0
Benzopyrimidine, ...	9.37	2.3	ng/ul	37396	1	8.00	324254	20.0
Benzofuran, 7-met...	9.49	6.2	ng/ul	124064	2	10.82	400313	20.0
Benzo[c]thiophene	10.99	35.8	ng/ul	716499	2	10.82	400313	20.0
Benzo[b]thiophene...	12.37	2.7	ng/ul	53800	2	10.82	400313	20.0
Naphthalene, 1-me...	12.69	34.2	ng/ul	684550	2	10.82	400313	20.0
Naphthalene, 1-et...	13.67	2.5	ng/ul	77816	3	14.64	628883	20.0
Benzene, 2-propenyl-	13.81	5.4	ng/ul	169479	3	14.64	628883	20.0
Naphthalene, 2,6-...	13.96	3.5	ng/ul	110719	3	14.64	628883	20.0
1-Naphthalenecarb...	14.77	8.7	ng/ul	274377	3	14.64	628883	20.0
Phenol, 2,3,4,5-t...	15.19	4.5	ng/ul	140984	3	14.64	628883	20.0
unknown-01	15.82	2.6	ng/ul	83212	3	14.64	628883	20.0
2-Naphthyl methyl...	15.91	2.1	ng/ul	64885	3	14.64	628883	20.0
Benzo[f]quinoline	16.12	2.2	ng/ul	83578	4	17.39	749422	20.0
1(2H)-Acenaphthyl...	16.36	3.4	ng/ul	128939	4	17.39	749422	20.0
p-Hydroxybiphenyl	16.64	4.2	ng/ul	155351	4	17.39	749422	20.0
2-Dibenzofuranol	17.95	3.7	ng/ul	139926	4	17.39	749422	20.0
3-Acridinol	20.23	2.2	ng/ul	92291	5	21.65	856201	20.0
Heptafluorobutyri...	21.29	2.4	ng/ul	103720	5	21.65	856201	20.0