LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048184.D
Acq On : 17 Feb 2021 10:27
Operator : CG/JU
Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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	7.244	660	665	671	rBV3	11658	20490	1.55%	0.122%
2	7.421	687	695	703	rBV	33721	57893	4.37%	0.344%
3	7.632	724	731	737	rBV	34445	63422	4.78%	0.377%
4	8.102	802	811	823	rBV	194526	328489	24.77%	1.951%
5	8.478	867	875	882	rVV	268616	449547	33.90%	2.670%
6	8.643	895	903	912	rVB	73665	127683	9.63%	0.758%
7	8.795	924	929	937	rBV3	28176	51596	3.89%	0.306%
8	8.942	945	954	960	rBV3	45095	81498	6.15%	0.484%
9	9.260	1003	1008	1018	rVB3	45187	89280	6.73%	0.530%
10	9.459	1034	1042	1048	rBV	14221	24437	1.84%	0.145%
11	9.524	1048	1053	1057	rVV2	19708	30618	2.31%	0.182%
12	9.583	1057	1063	1069	rVV3	30910	62766	4.73%	0.373%
13	9.982	1126	1131	1139	rVB2	36669	65369	4.93%	0.388%
14	10.100	1146	1151	1156	rVB2	17533	25854	1.95%	0.154%
15	10.159	1156	1161	1169	rVB3	10486	21918	1.65%	0.130%
16	10.311	1180	1187	1196	rBV6	26731	62127	4.69%	0.369%
17	10.523	1217	1223	1231	rVV2	54557	107328	8.09%	0.637%
18	10.911	1281	1289	1293	rBV	236629	450658	33.99%	2.677%
19	10.963	1293	1298	1305	rVV	750035	1325956	100.00%	7.876%
20	11.052	1305	1313	1314	rVV	65874	103545	7.81%	0.615%
21	11.081	1315	1318	1328	rVV	119839	196922	14.85%	1.170%
22	11.492	1382	1388	1395	rVV4	28685	59566	4.49%	0.354%
23	11.915	1455	1460	1465	rBV4	13040	23591	1.78%	0.140%
24	11.974	1465	1470	1473	rVV4	14284	26086	1.97%	0.155%
25	12.009	1473	1476	1487	rVV3	21791	43889	3.31%	0.261%
26	12.291	1519	1524	1535	rVB5	15083	34837	2.63%	0.207%
27	12.403	1535	1543	1547	rBV4	11162	22810	1.72%	0.135%
28	12.456	1547	1552	1556	rBV	21356	34062	2.57%	0.202%
29	12.562	1565	1570	1576	rBV5	21193	48269	3.64%	0.287%
30	12.650	1580	1585	1590	rVB5	34762	57536	4.34%	0.342%
31	12.779	1596	1607	1613	rVB	155264	284444	21.45%	1.690%
32	12.867	1617	1622	1626	rBV3	19105	27789	2.10%	0.165%
33	12.932	1626	1633	1642	rBV10	10842	27192	2.05%	0.162%
34	13.137	1663	1668	1672	rBV6	14550	22504	1.70%	0.134%

LSC Area Percent Report

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Acq On : 17 Feb 2021 10:27
Operator : CG/JU
Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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	13.190	1673	1677	1681	rVV7	9355	20668	1.56%	0.123%
36	13.231	1681	1684	1692	rVB3	13296	21988	1.66%	0.131%
37	13.513	1726	1732	1733	rVV	24478	32644	2.46%	0.194%
38	13.560	1735	1740	1747	rVB	115415	202033	15.24%	1.200%
39	13.772	1767	1776	1784	rVB9	25565	69985	5.28%	0.416%
40	13.854	1784	1790	1793	rBV3	31167	55917	4.22%	0.332%
41	13.901	1793	1798	1804	rVB8	25748	62823	4.74%	0.373%
42	13.983	1804	1812	1816	rBV5	18183	31438	2.37%	0.187%
43	14.042	1816	1822	1828	rBV3	41602	75145	5.67%	0.446%
44	14.119	1829	1835	1840	rVB	139484	197677	14.91%	1.174%
45	14.207	1845	1850	1856	rVB2	34511	53019	4.00%	0.315%
46	14.283	1856	1863	1866	rBV5	17648	38344	2.89%	0.228%
47	14.418	1879	1886	1896	rVB	135604	255356	19.26%	1.517%
48	14.724	1921	1938	1943	rBV2	425914	707917	53.39%	4.205%
49	14.788	1943	1949	1954	rVV	507699	764929	57.69%	4.543%
50	14.847	1954	1959	1964	rVV	120376	174342	13.15%	1.036%
51	14.900	1964	1968	1977	rVB7	31082	69403	5.23%	0.412%
52	14.994	1980	1984	1989	rBV4	21894	35086	2.65%	0.208%
53	15.117	1999	2005	2013	rVB	346929	525997	39.67%	3.124%
54	15.194	2013	2018	2025	rVB2	30970	48559	3.66%	0.288%
55	15.335	2037	2042	2048	rBV8	9215	18267	1.38%	0.109%
56	15.558	2073	2080	2088	rVV4	18690	36355	2.74%	0.216%
57	15.711	2100	2106	2110	rBV	175317	258273	19.48%	1.534%
58	15.770	2110	2116	2121	rVV	290311	456632	34.44%	2.712%
59	15.822	2121	2125	2130	rVV4	48892	85200	6.43%	0.506%
60	15.893	2131	2137	2145	rVV3	95709	222846	16.81%	1.324%
61	15.987	2147	2153	2162	rVV6	72423	198922	15.00%	1.182%
62	16.058	2162	2165	2172	rVB5	24829	39950	3.01%	0.237%
63	16.134	2172	2178	2182	rBV3	38991	75509	5.69%	0.449%
64	16.175	2182	2185	2198	rVB8	41411	117296	8.85%	0.697%
65	16.439	2221	2230	2237	rVB4	33841	79289	5.98%	0.471%
66	16.569	2244	2252	2257	rBV7	11359	24891	1.88%	0.148%
67	16.639	2257	2264	2270	rBV	24469	46874	3.54%	0.278%
68	16.710	2271	2276	2282	rBV	138969	224090	16.90%	1.331%
69	16.939	2309	2315	2323	rBV7	23355	66315	5.00%	0.394%
70	17.244	2361	2367	2371	rBV2	66661	112244	8.47%	0.667%
71	17.285	2371	2374	2380	rVB2	28231	41249	3.11%	0.245%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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	17.356	2380	2386	2388	rBV2	23063	45402	3.42%	0.270%
73	17.409	2392	2395	2398	rVB	26916	29678	2.24%	0.176%
74	17.468	2398	2405	2408	rBV	548742	856698	64.61%	5.089%
75	17.509	2408	2412	2417	rVB2	274509	402013	30.32%	2.388%
76	17.562	2417	2421	2426	rBV2	172607	240990	18.17%	1.431%
77	17.662	2434	2438	2445	rVB6	20876	37844	2.85%	0.225%
78	17.826	2460	2466	2468	rVV2	66501	109356	8.25%	0.650%
79	17.861	2468	2472	2478	rVV	647473	950307	71.67%	5.645%
80	17.955	2482	2488	2494	rVV	119003	202703	15.29%	1.204%
81	18.014	2494	2498	2506	rVV	206137	329999	24.89%	1.960%
82	18.102	2508	2513	2519	rVV4	25583	63024	4.75%	0.374%
83	18.161	2520	2523	2527	rVV4	14751	21472	1.62%	0.128%
84	18.202	2527	2530	2536	rVB6	25111	43685	3.29%	0.259%
85	18.296	2541	2546	2550	rBV2	56761	85151	6.42%	0.506%
86	18.343	2550	2554	2556	rBV5	21603	24953	1.88%	0.148%
87	18.384	2556	2561	2568	rVB3	42792	93841	7.08%	0.557%
88	18.455	2568	2573	2579	rVB	96747	149184	11.25%	0.886%
89	18.525	2580	2585	2592	rVB4	25395	54019	4.07%	0.321%
90	18.607	2595	2599	2602	rBV3	28102	50325	3.80%	0.299%
91	18.707	2614	2616	2621	rVB	20137	23184	1.75%	0.138%
92	18.772	2622	2627	2631	rVV2	34089	58696	4.43%	0.349%
93	18.819	2631	2635	2641	rVB2	29488	44722	3.37%	0.266%
94	19.506	2749	2752	2757	rVB	23936	32305	2.44%	0.192%
95	19.841	2802	2809	2813	rBV	274789	391446	29.52%	2.325%
96	20.247	2874	2878	2883	rVV	18516	25704	1.94%	0.153%
97	20.294	2883	2886	2895	rVB2	28828	51638	3.89%	0.307%
98	21.733	3125	3131	3138	rVB2	612631	1010807	76.23%	6.004%
99	24.765	3639	3647	3658	rVB2	130118	350800	26.46%	2.084%
100	24.994	3676	3686	3702	rVB2	338724	1048391	79.07%	6.227%

Sum of corrected areas: 16835780

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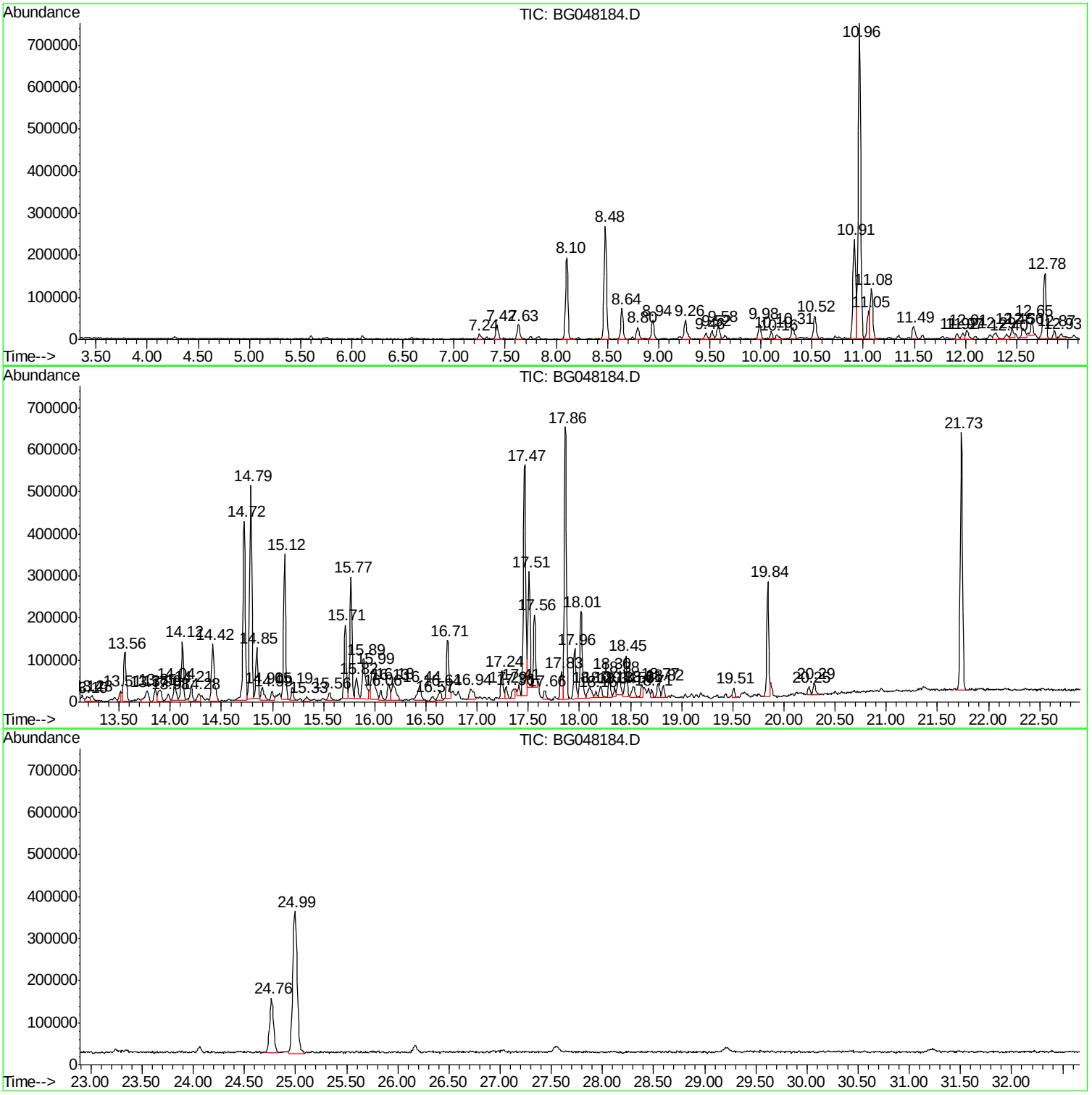
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBGL1DL

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

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Quant Title : SVOA CALIBRATION

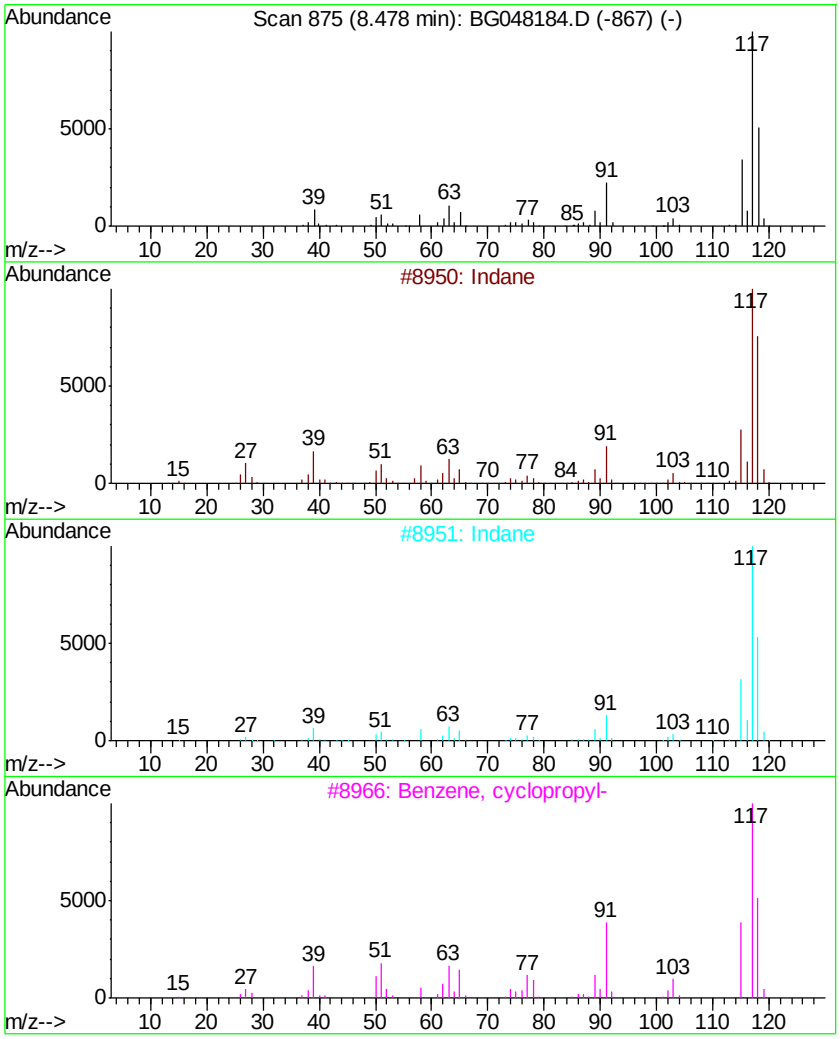
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

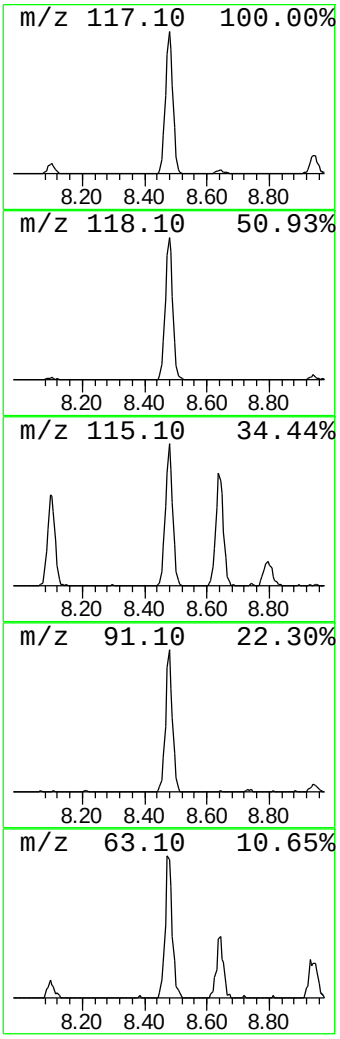
****

Peak Number 1 Benzene, cyclopropyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	27.37 ng/ul	449547	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
4	Indane	118	C9H10	000496-11-7	64
5	Deltacyclene	118	C9H10	007785-10-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048184.D
Acq On : 17 Feb 2021 10:27
Operator : CG/JU
Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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

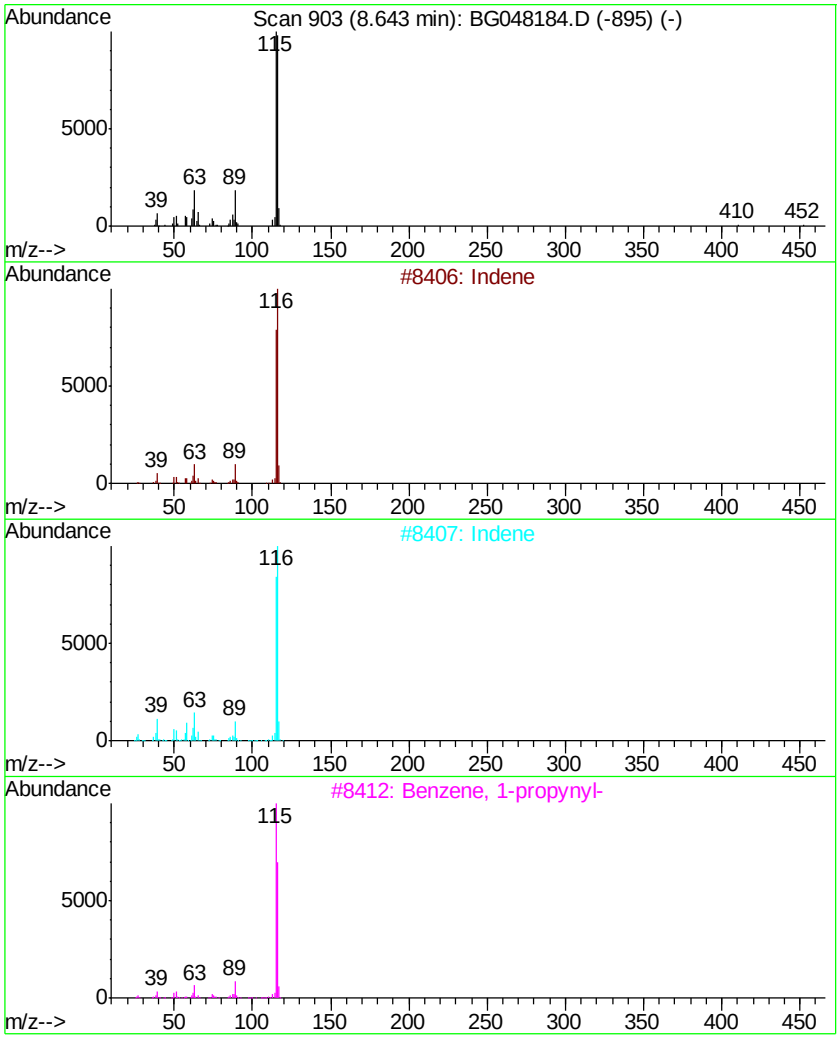
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

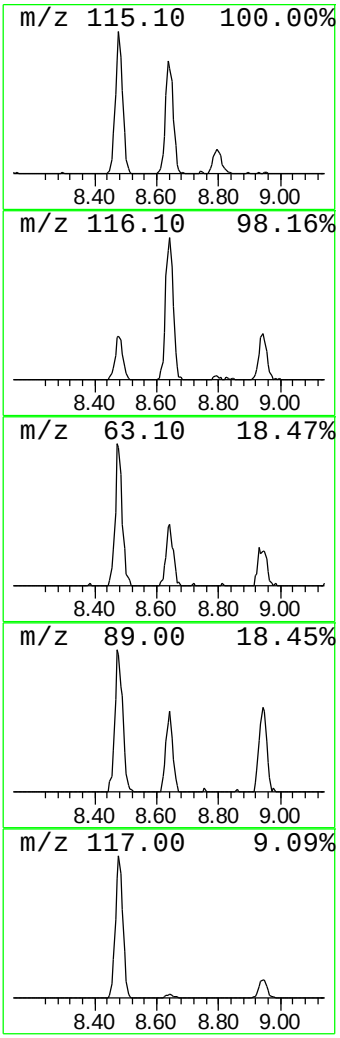
****

Peak Number 2 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	7.77 ng/ul	127683	1,4-Dichlorobenzene-d4	8.10

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





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : DBGL1DL

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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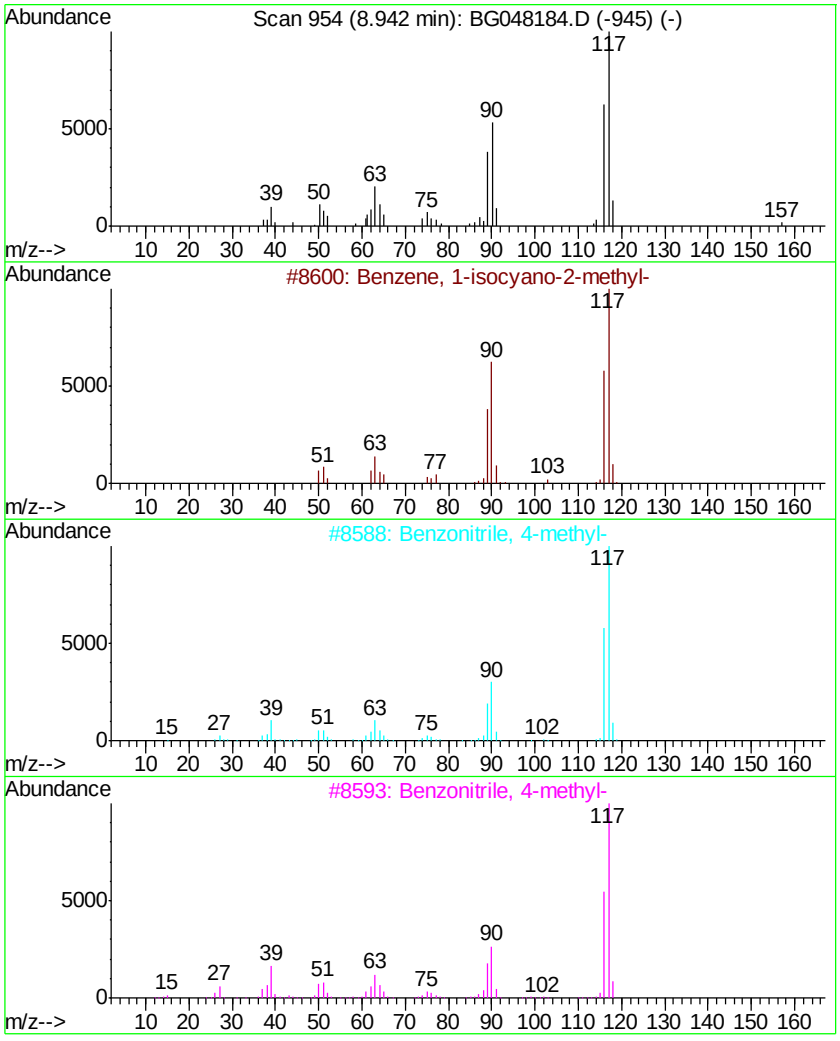
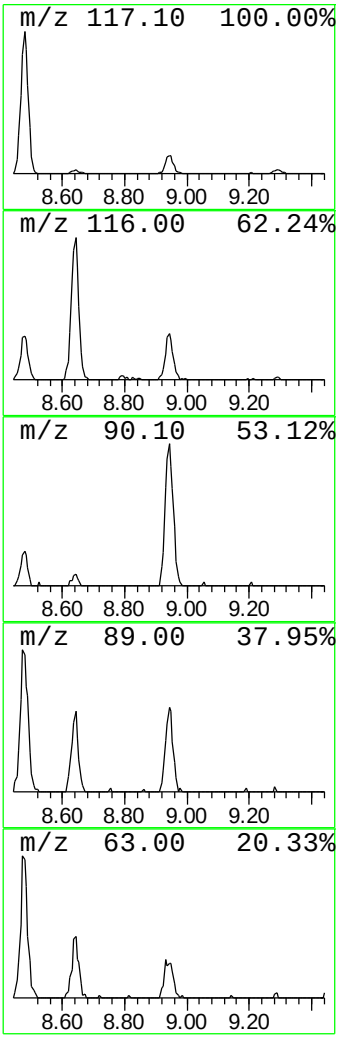
Peak Number 3 Benzene, 1-isocyano-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	4.96 ng/ul	81498	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-isocyano-2-methyl-	117	C8H7N	010468-64-1	94
2	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	94
3	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	94
4	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	94
5	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	94





Library Search Compound Report

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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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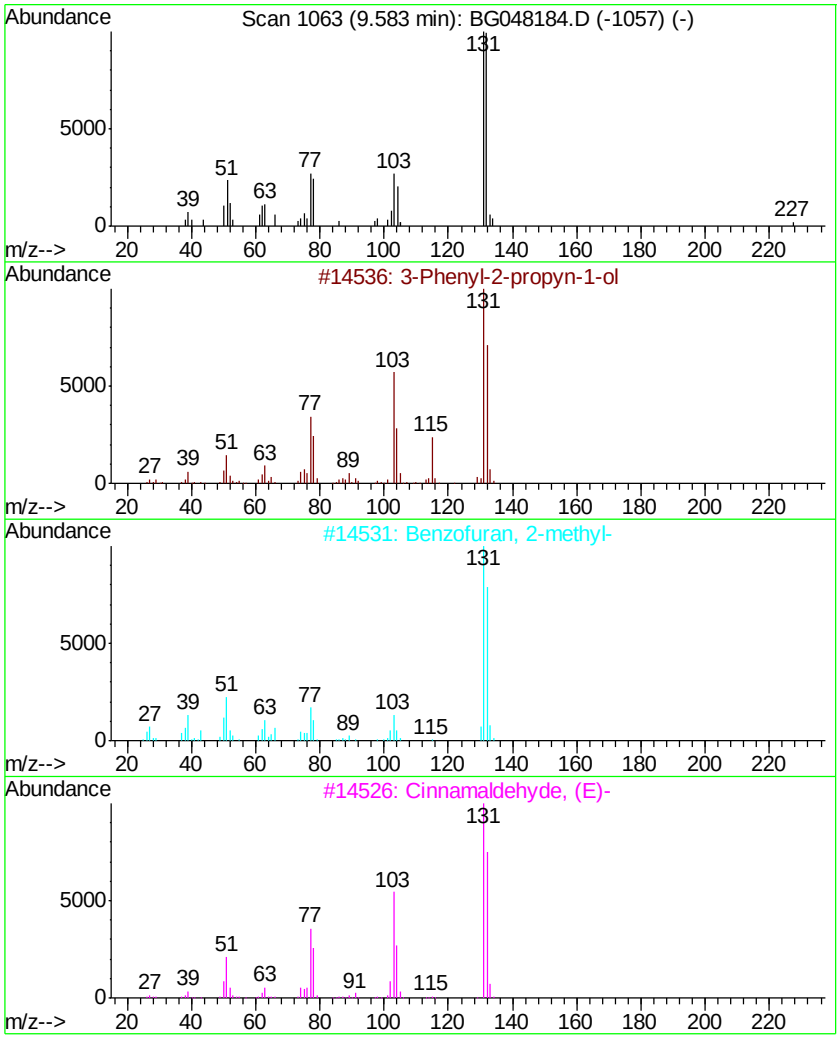
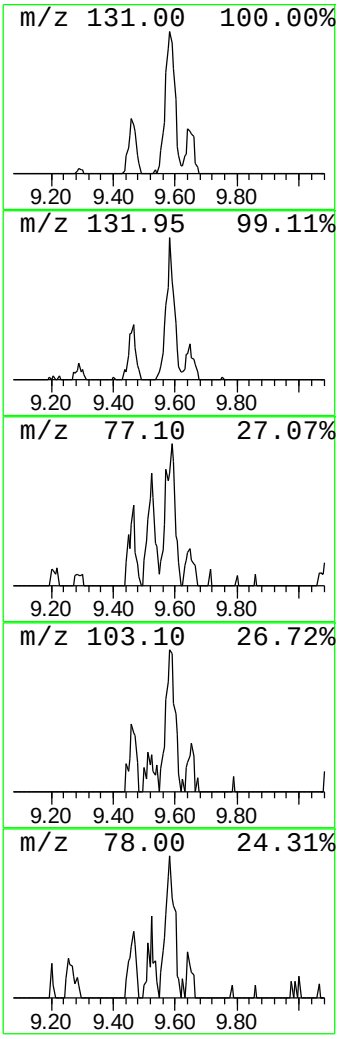
Peak Number 4 3-Phenyl-2-propyn-1-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	2.79 ng/ul	62766	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	86
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	74
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	74
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	72
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	59





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Acq On : 17 Feb 2021 10:27
Operator : CG/JU
Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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

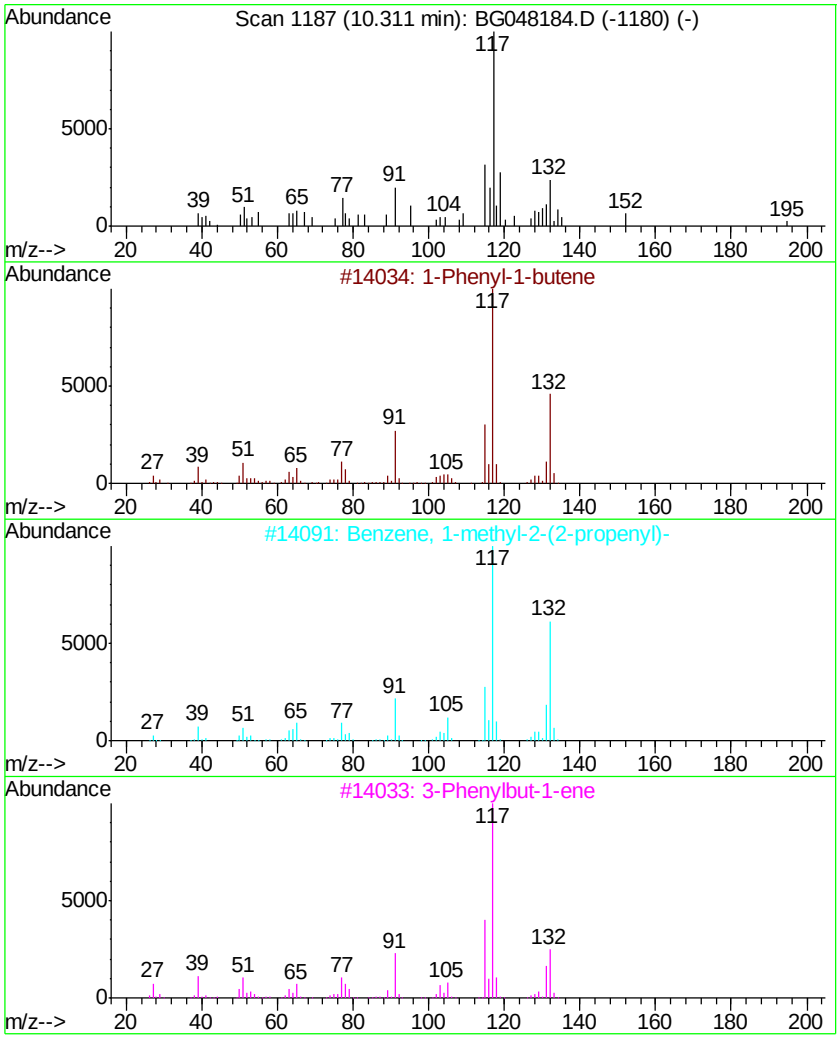
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

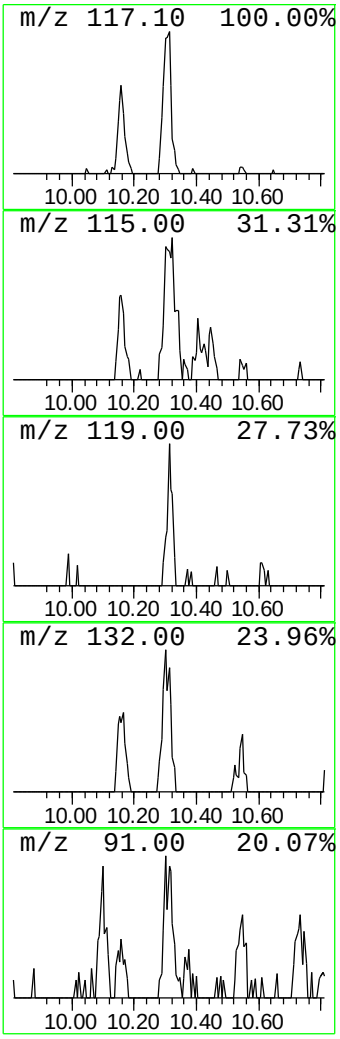
****

Peak Number 5 1-Phenyl-1-butene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	2.76 ng/ul	62127	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	62
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	62





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Acq On : 17 Feb 2021 10:27
Operator : CG/JU
Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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

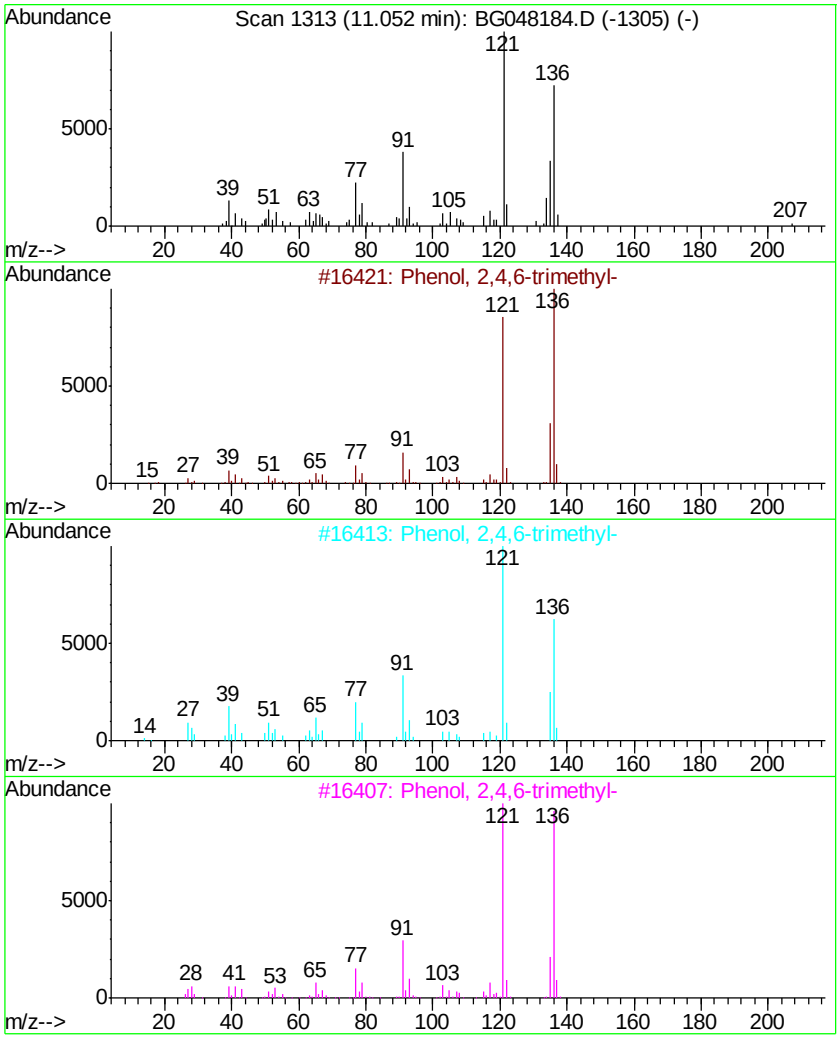
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

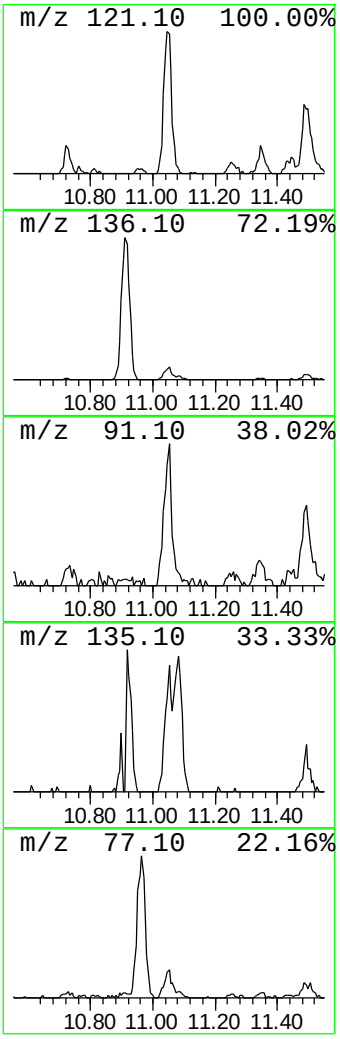
****

Peak Number 6 Phenol, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	4.60 ng/ul	103545	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	91
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	90





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Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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Quant Title : SVOA CALIBRATION

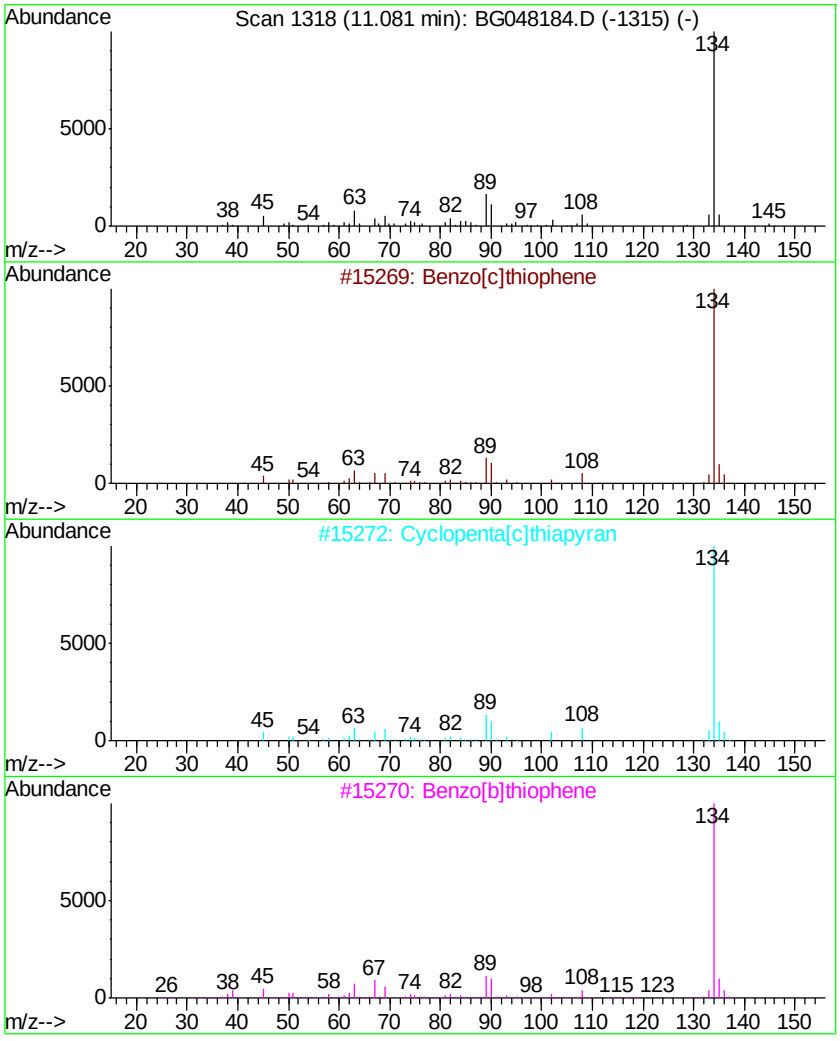
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

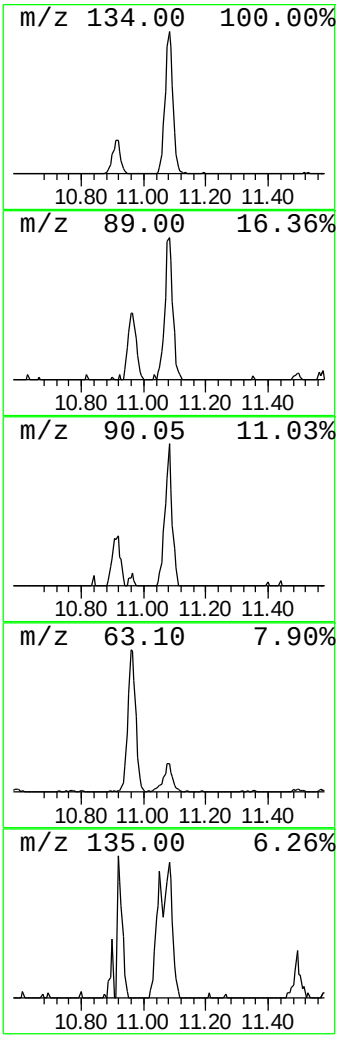
****

Peak Number 7 Benzo[c]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	8.74 ng/ul	196922	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	90
2	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	87
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	86
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	80
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	78





Library Search Compound Report

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Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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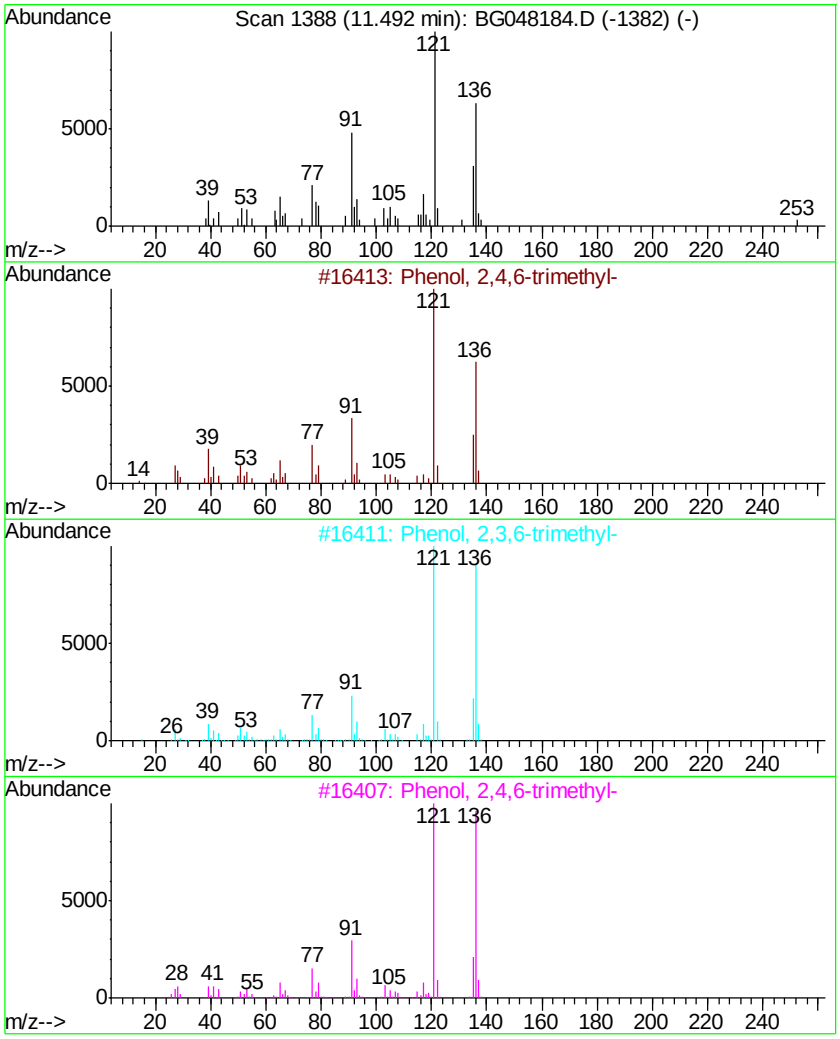
Quant Title : SVOA CALIBRATION

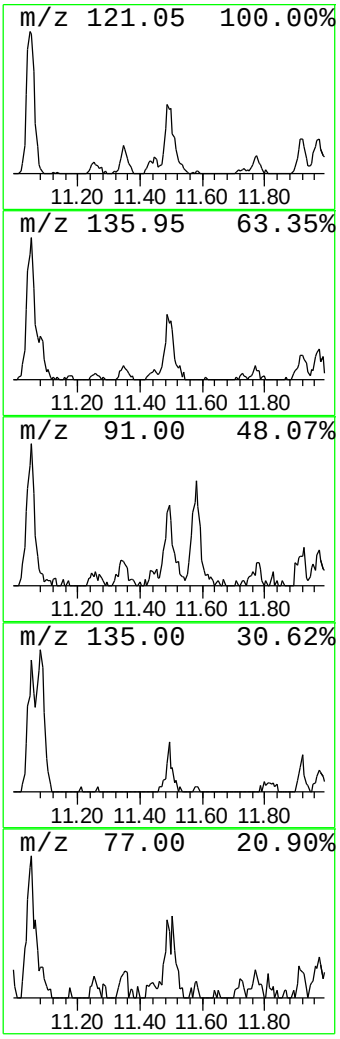
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenol, 2,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.64 ng/ul	59566	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	96
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90





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Operator : CG/JU
Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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Quant Title : SVOA CALIBRATION

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

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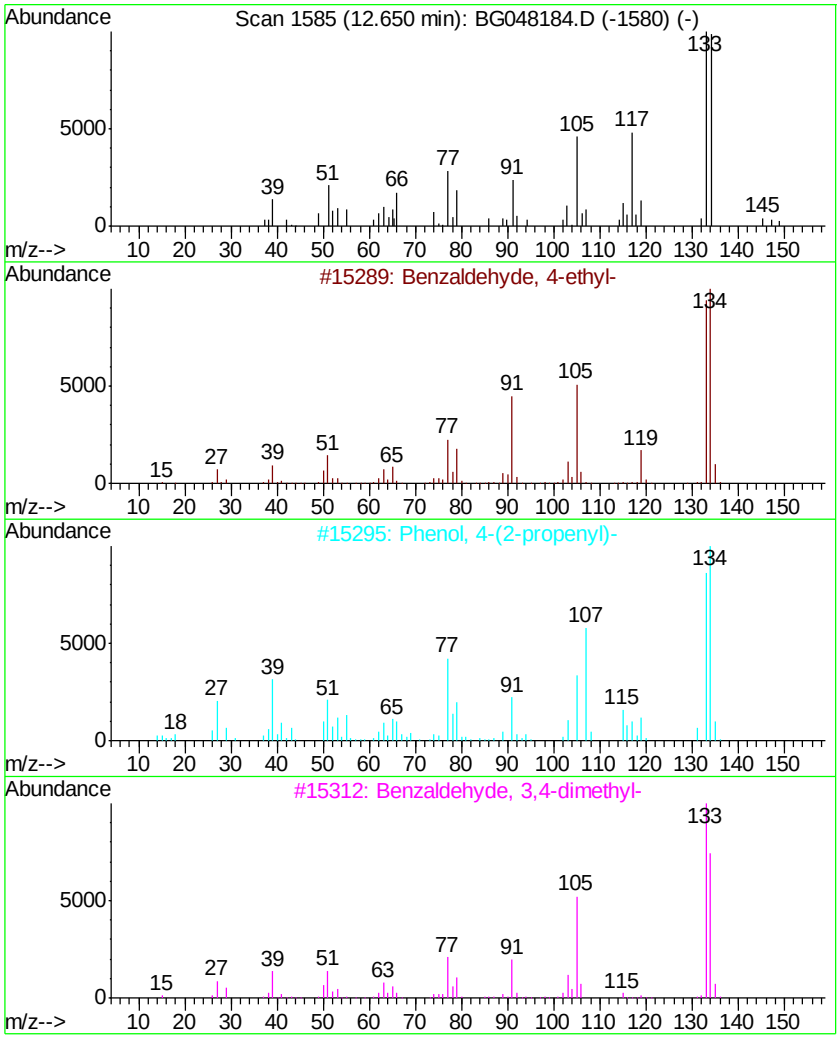
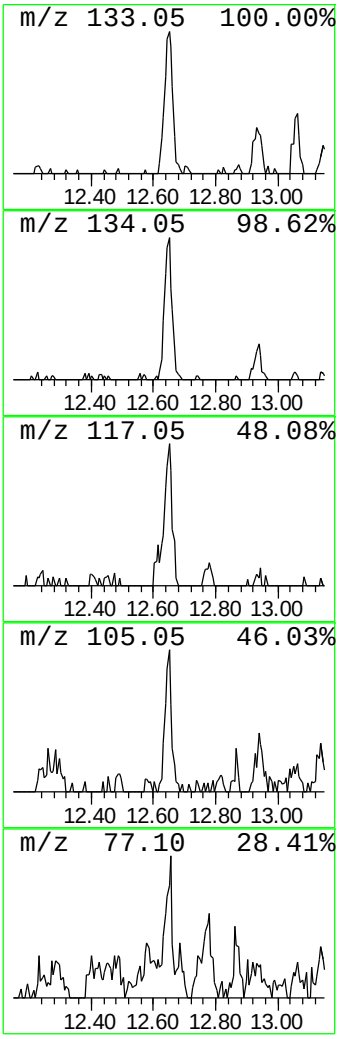
Peak Number 9 Benzaldehyde, 4-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	2.55 ng/ul	57536	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	76
2	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	76
3	Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	68
4	Benzaldehyde, 2-ethyl-	134	C9H10O	022927-13-5	64
5	Benzaldehyde, 3,5-dimethyl-	134	C9H10O	005779-95-3	62





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Operator : CG/JU
Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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Quant Title : SVOA CALIBRATION

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

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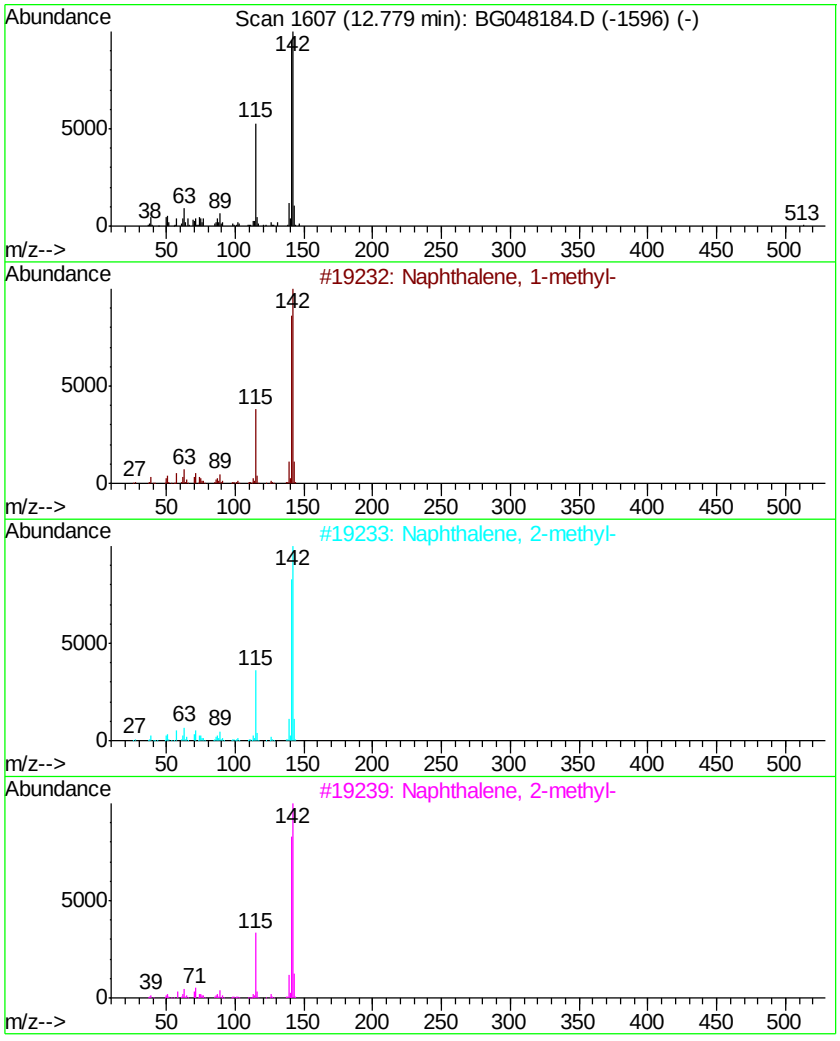
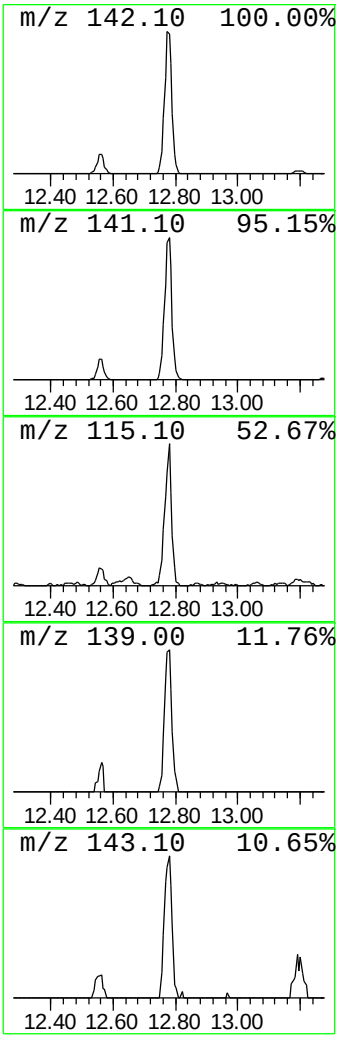
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	12.62 ng/ul	284444	Naphthalene-d8	10.91

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	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Library Search Compound Report

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Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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

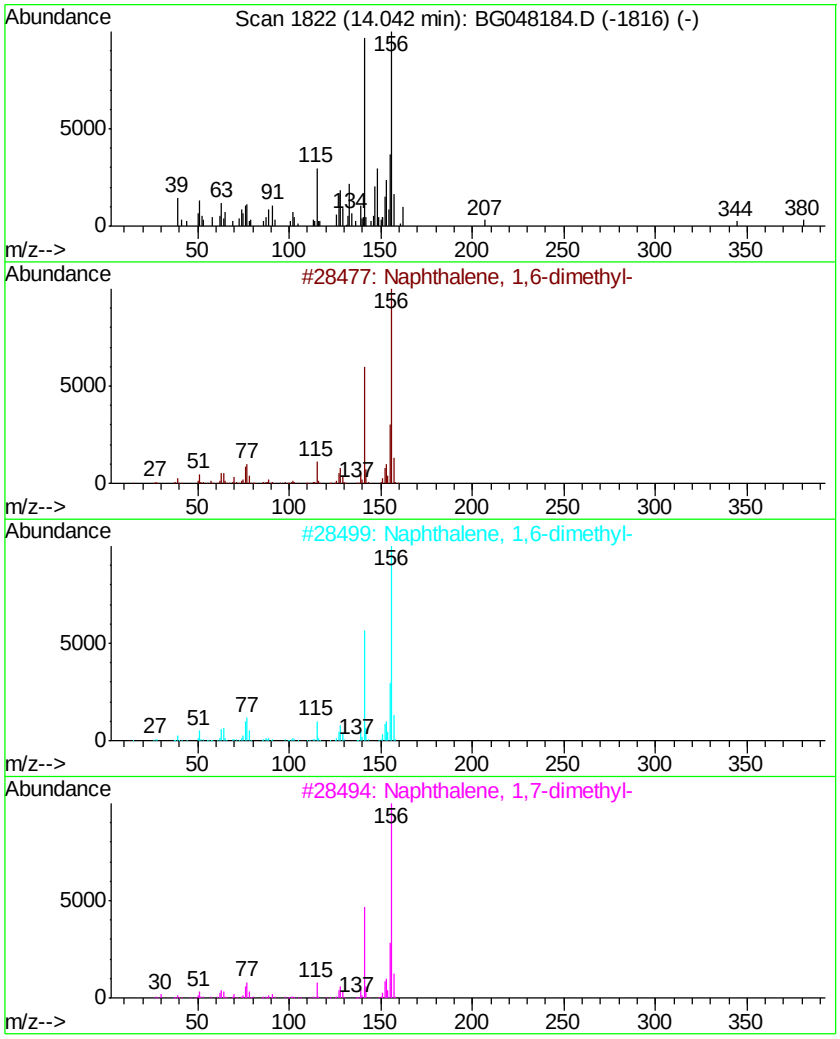
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

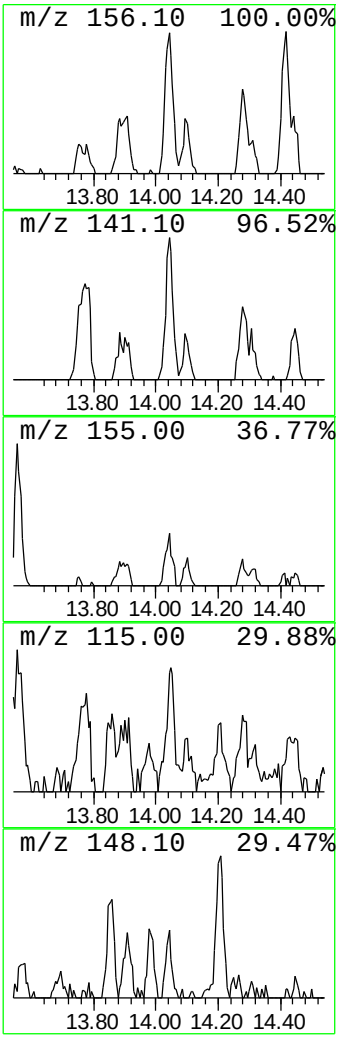
****

Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.12 ng/ul	75145	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	86
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	86





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Acq On : 17 Feb 2021 10:27
Operator : CG/JU
Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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Quant Title : SVOA CALIBRATION

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

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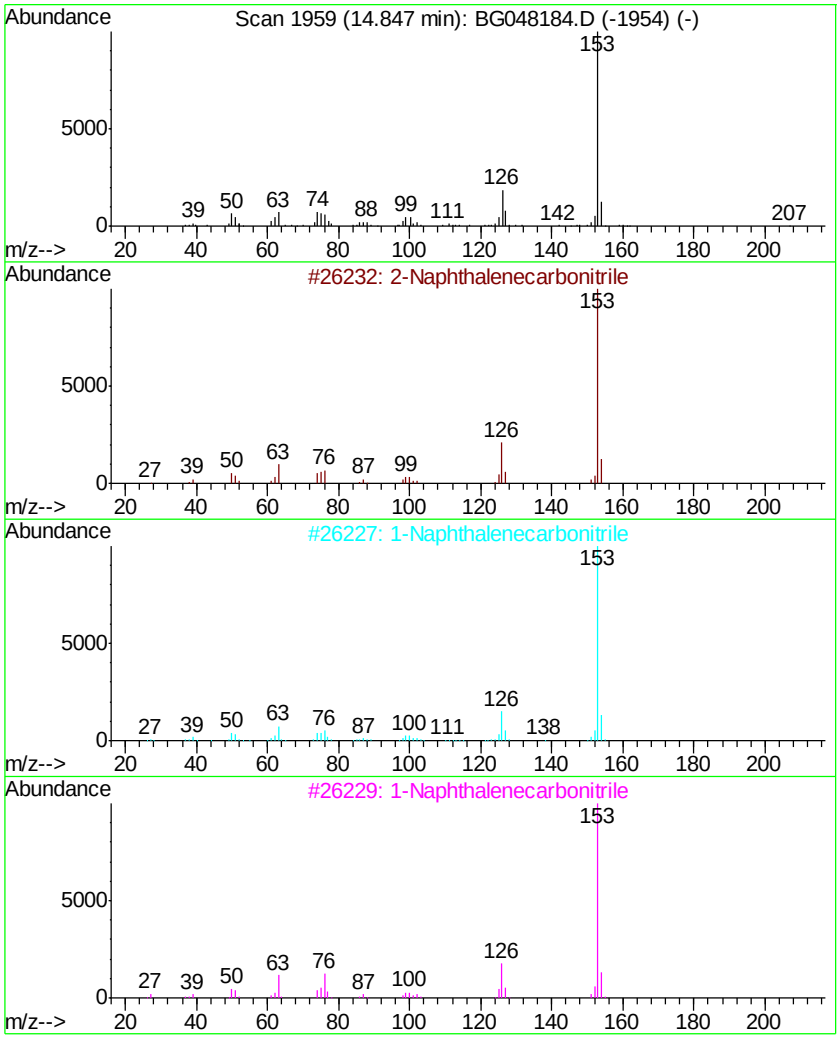
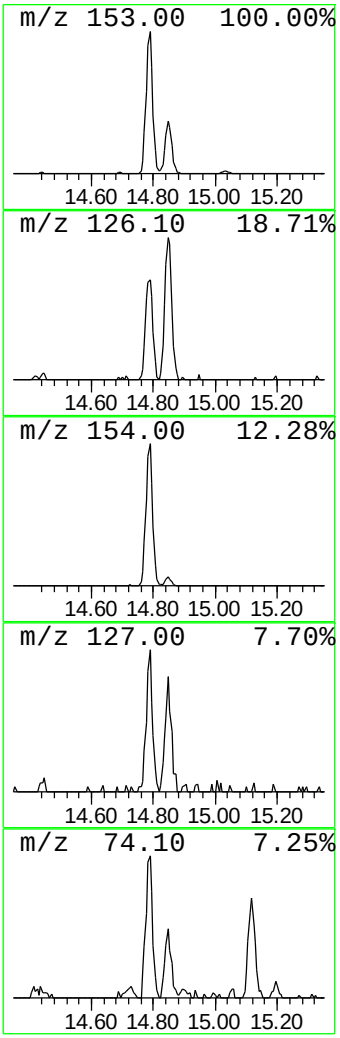
Peak Number 12 2-Naphthalenecarbonitrile Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	4.93 ng/ul	174342	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	95
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
5	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	74





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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Quant Title : SVOA CALIBRATION

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

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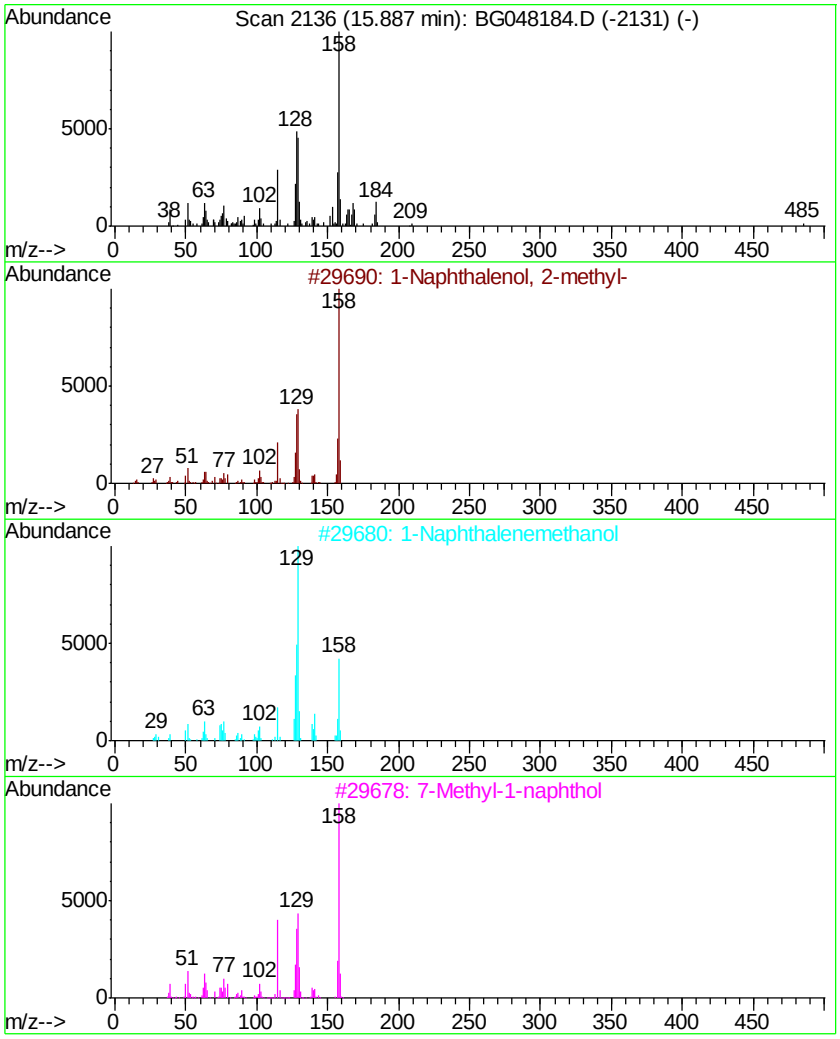
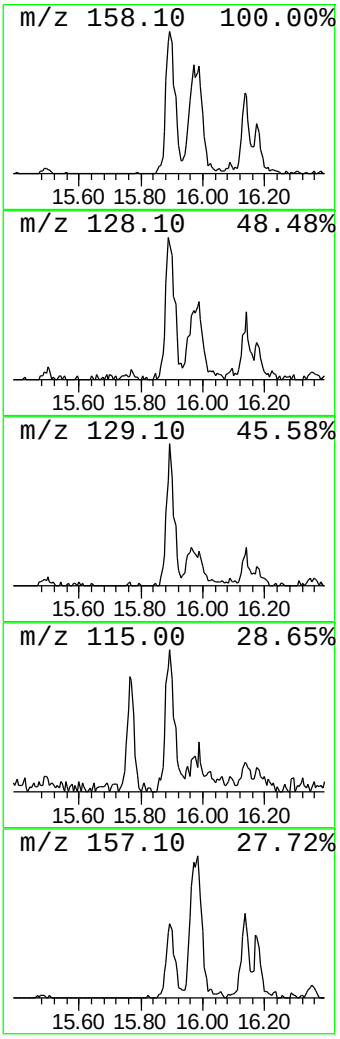
Peak Number 13 1-Naphthalenol, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	6.30 ng/ul	222846	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	81
2	1-Naphthalenemethanol	158	C11H10O	004780-79-4	72
3	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	64
4	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	60
5	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	58





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Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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Quant Title : SVOA CALIBRATION

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

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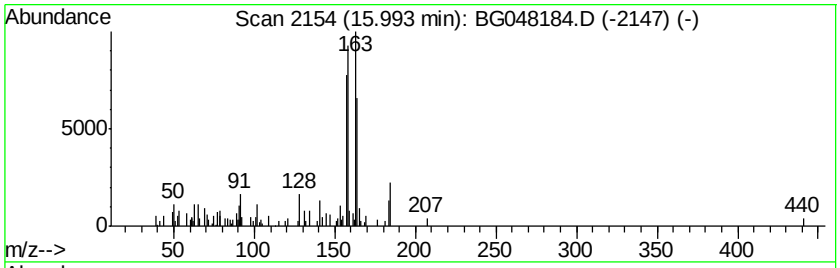
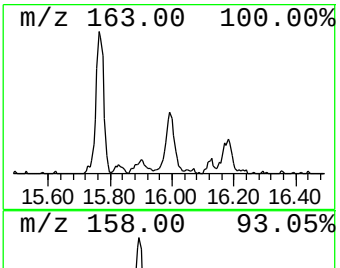
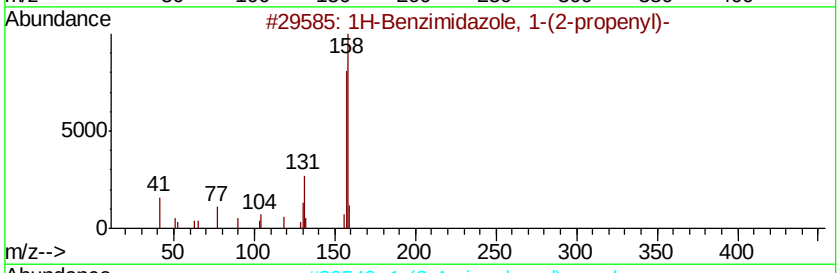
Peak Number 14 unknown-01 Concentration Rank 7

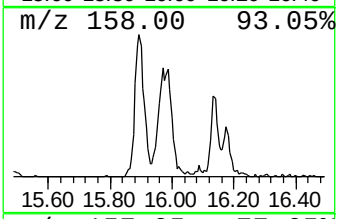
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	5.62 ng/ul	198922	Acenaphthene-d10	14.72

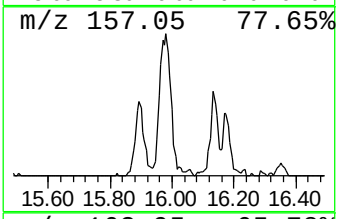
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 1-(2-propenyl)-	158	C10H10N2	019018-22-5	46
2	1-(2-Aminophenyl)pyrrole	158	C10H10N2	006025-60-1	43
3	2,4,4-Trimethyl-3,4-dihydroquino...	173	C12H15N	063177-93-5	43
4	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	35
5	Pyrazole, 4-methyl-3-phenyl-	158	C10H10N2	013808-62-3	27

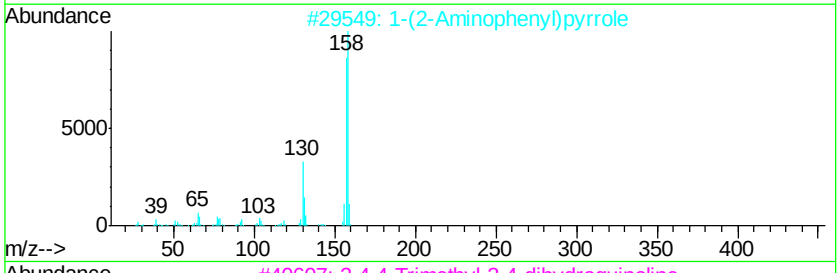


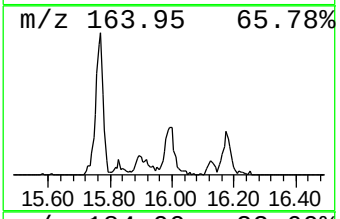


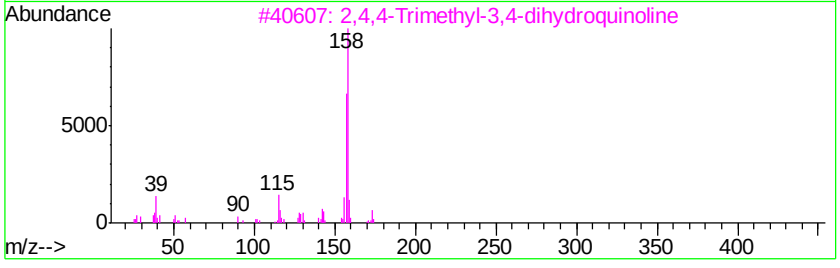


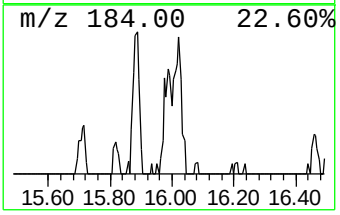












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Operator : CG/JU
Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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Quant Title : SVOA CALIBRATION

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

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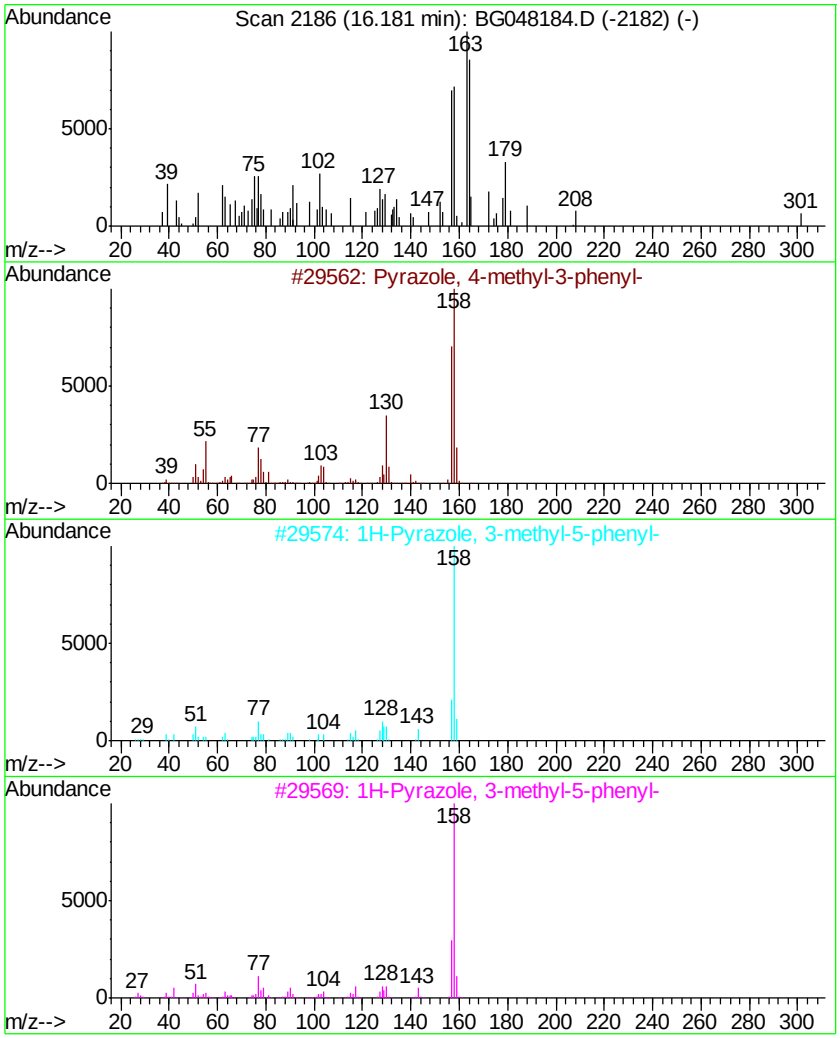
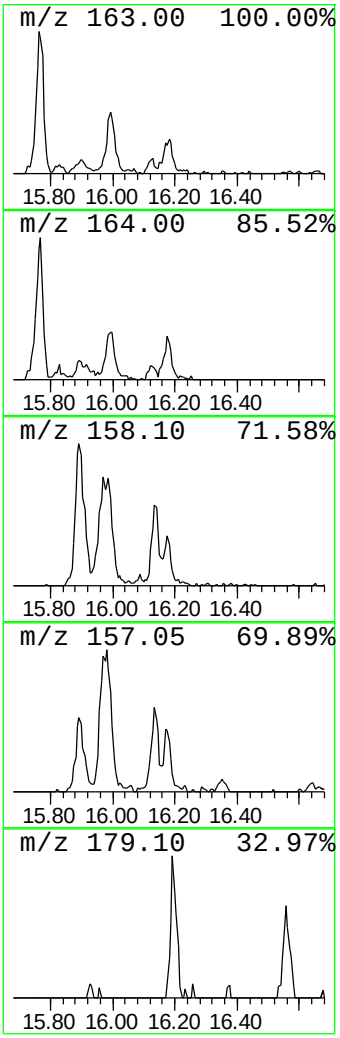
Peak Number 15 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	2.74 ng/ul	117296	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazole, 4-methyl-3-phenyl-	158	C10H10N2	013808-62-3	35
2	1H-Pyrazole, 3-methyl-5-phenyl-	158	C10H10N2	003347-62-4	22
3	1H-Pyrazole, 3-methyl-5-phenyl-	158	C10H10N2	003347-62-4	22
4	1-Naphthalenamine, N-methyl-	157	C11H11N	002216-68-4	22
5	2-Propenoic acid, 3-(3-hydroxyph...	164	C9H8O3	000588-30-7	18





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Data File : BG048184.D
Acq On : 17 Feb 2021 10:27
Operator : CG/JU
Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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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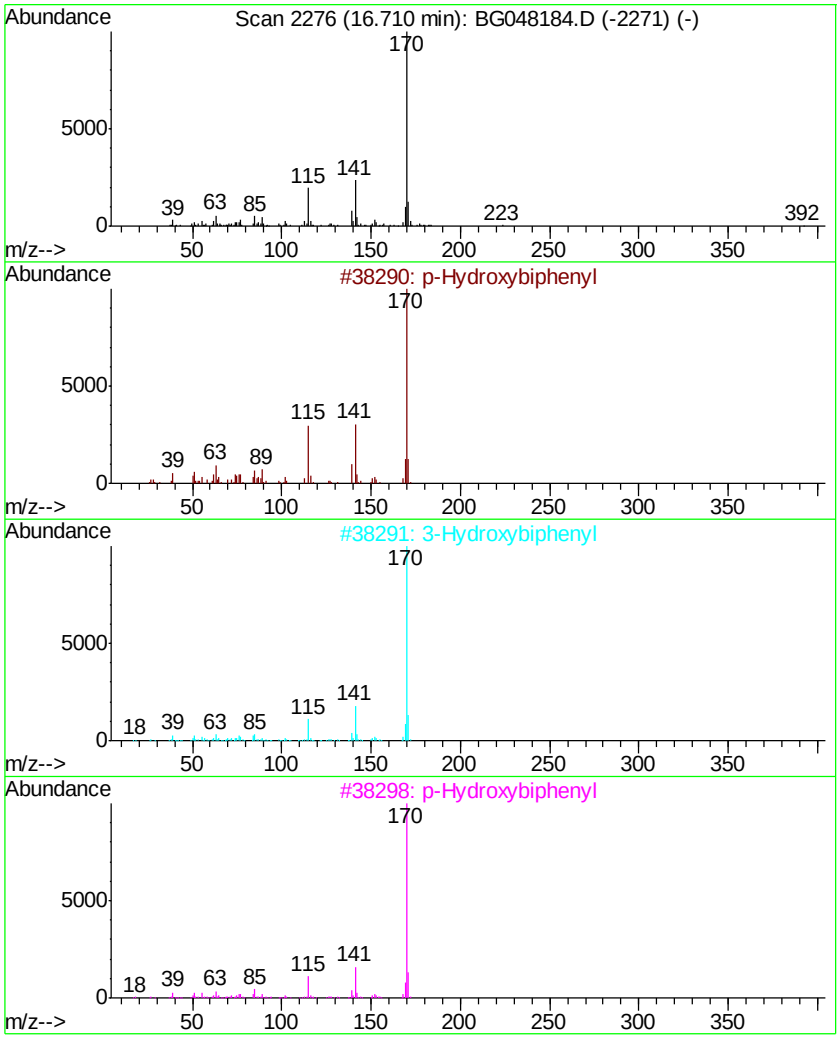
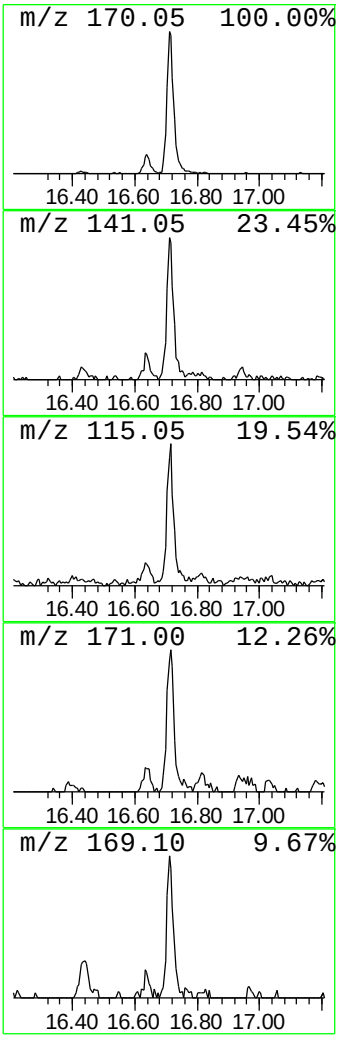
Peak Number 16 p-Hydroxybiphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	5.23 ng/ul	224090	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	96
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	95
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	95
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	95
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048184.D
Acq On : 17 Feb 2021 10:27
Operator : CG/JU
Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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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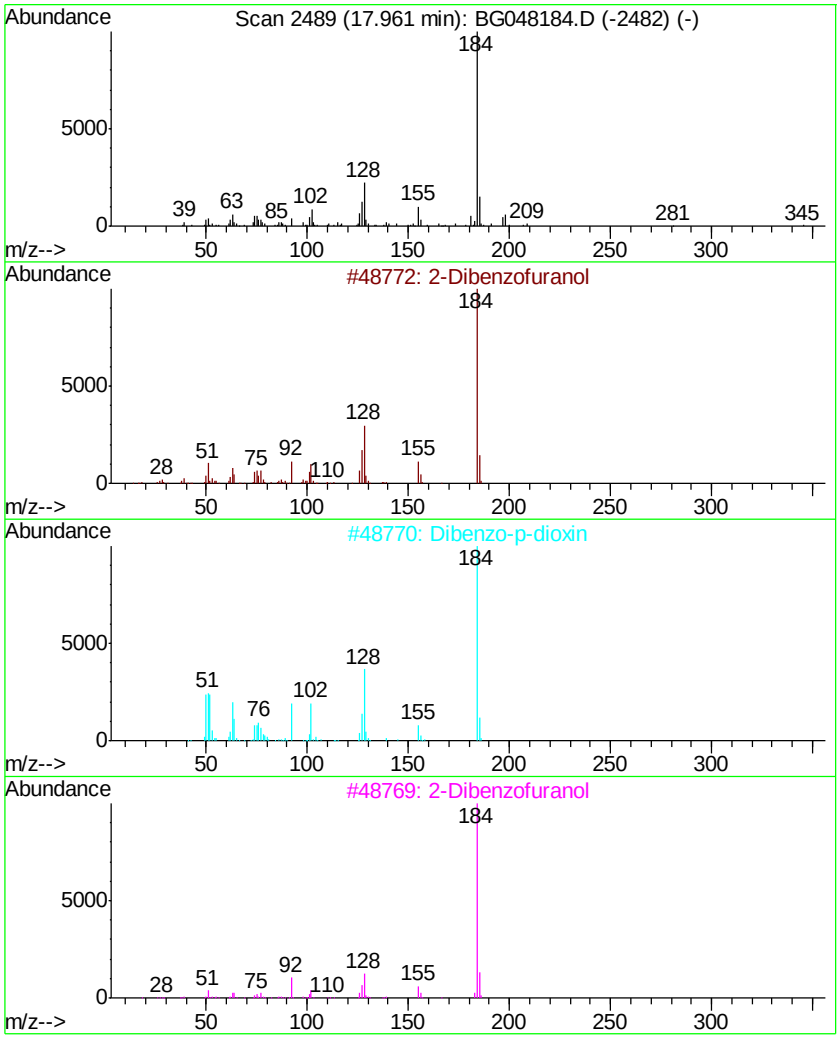
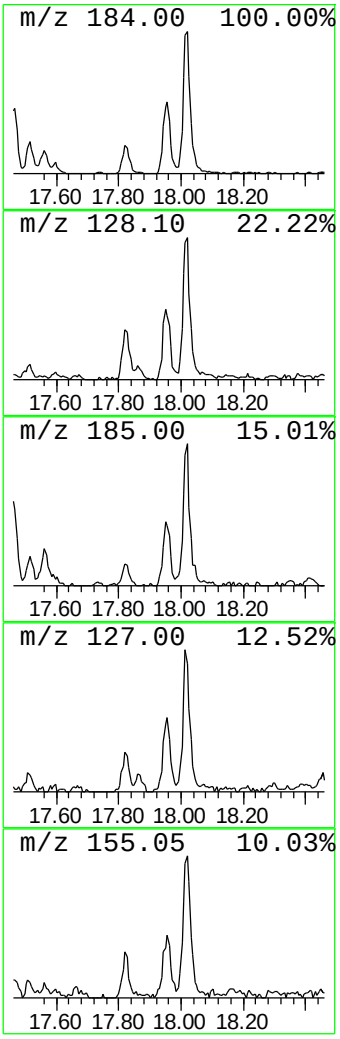
Peak Number 18 2-Dibenzofuranol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	4.73 ng/ul	202703	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	90
2	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	87
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	83
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	80
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048184.D
Acq On : 17 Feb 2021 10:27
Operator : CG/JU
Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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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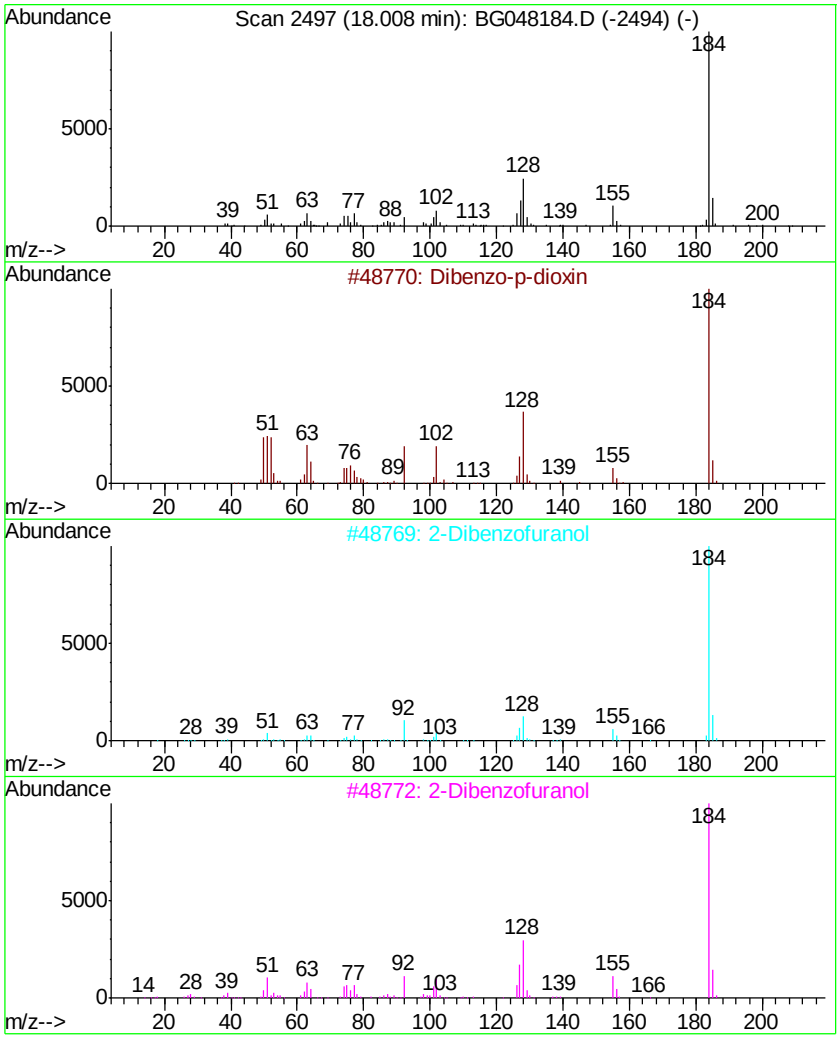
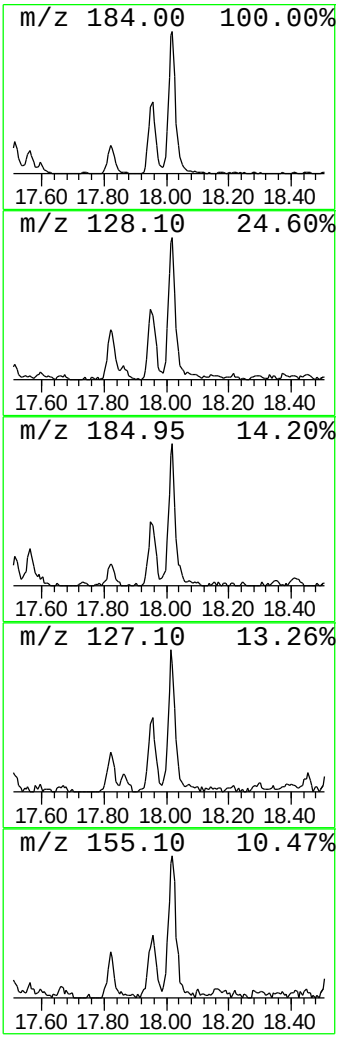
Peak Number 19 Dibenzo-p-dioxin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	7.70 ng/ul	329999	Phenanthrene-d10	17.47

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	91
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	90
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	90





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Data File : BG048184.D
Acq On : 17 Feb 2021 10:27
Operator : CG/JU
Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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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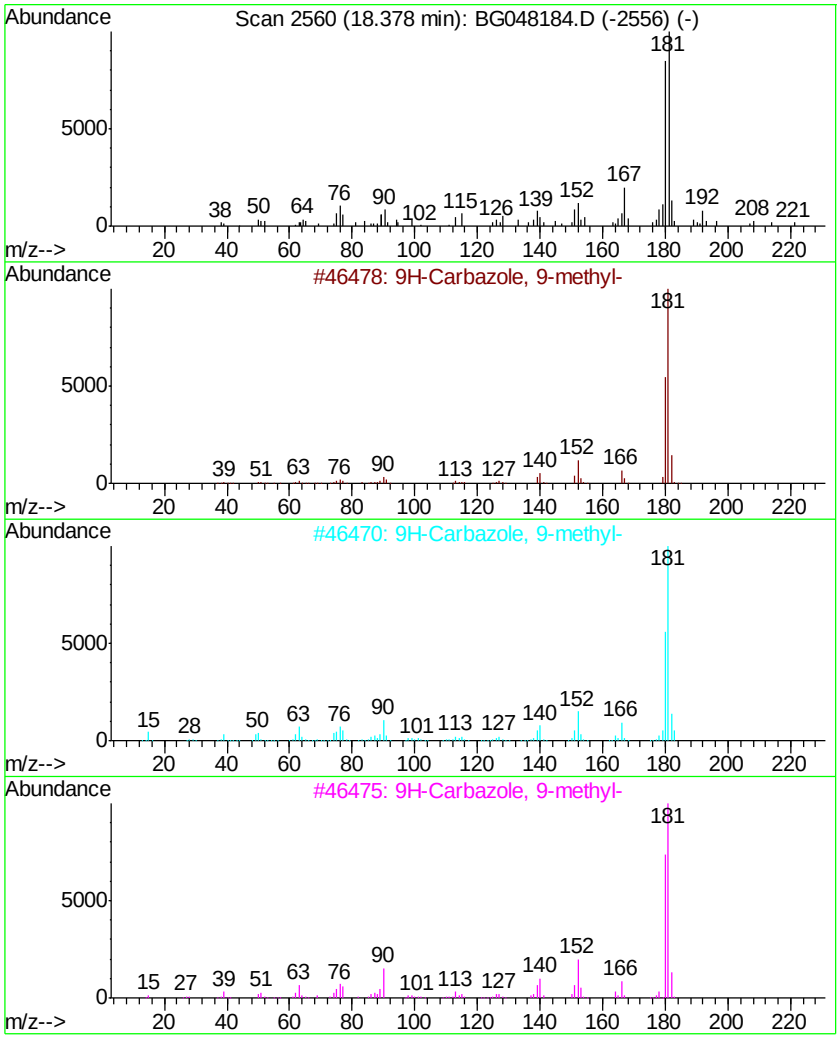
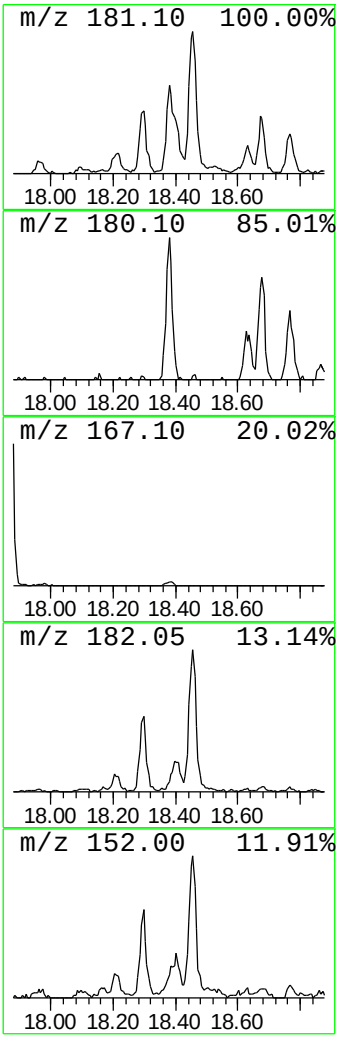
Peak Number 20 9H-Carbazole, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.19 ng/ul	93841	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	90
2	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	81
3	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	81
4	1-Methylcarbazole	181	C13H11N	006510-65-2	76
5	3-Methylcarbazole	181	C13H11N	004630-20-0	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048184.D
Acq On : 17 Feb 2021 10:27
Operator : CG/JU
Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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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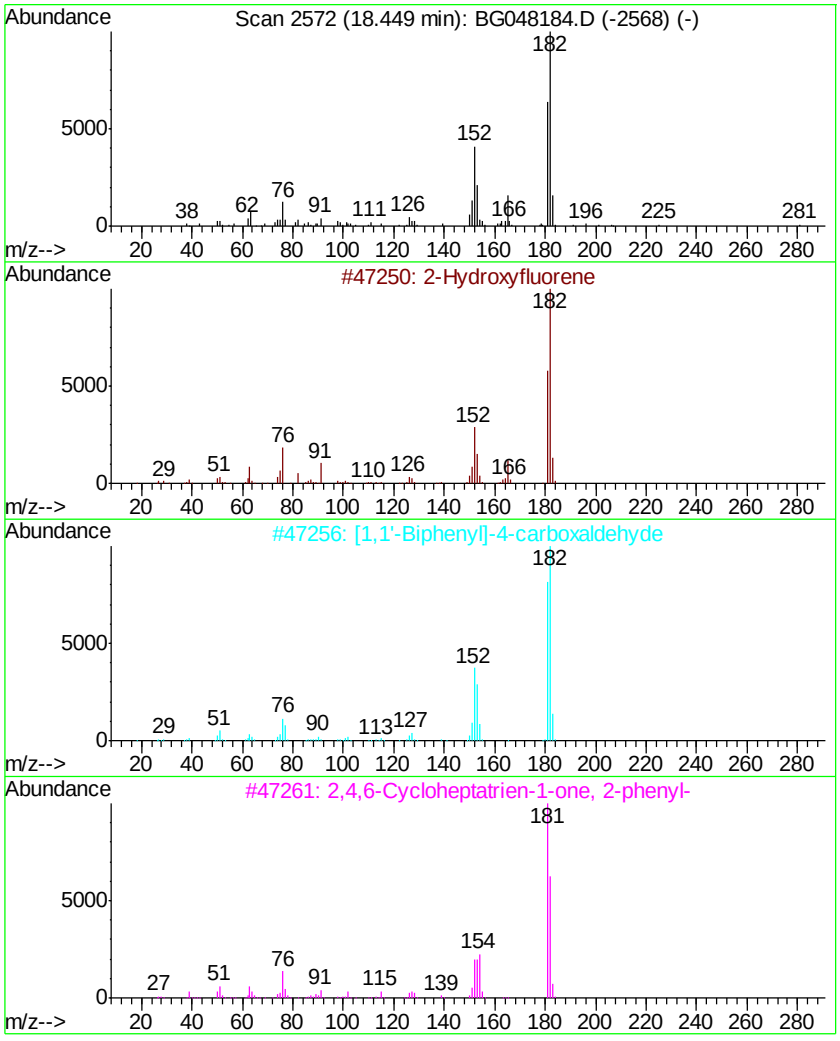
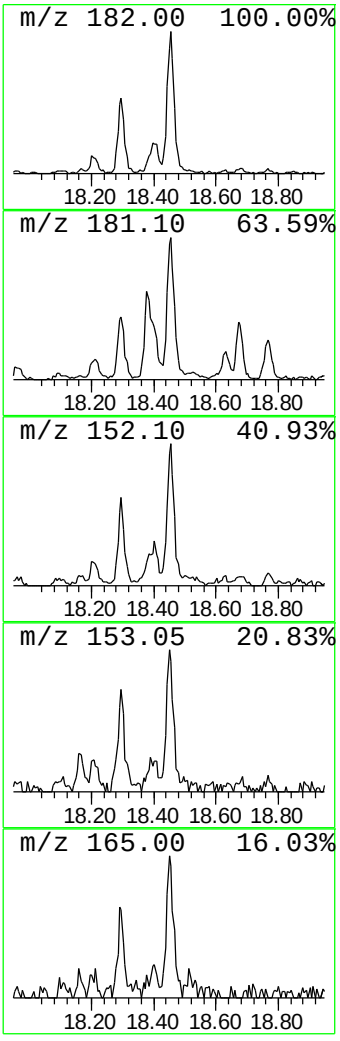
Peak Number 21 2-Hydroxyfluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	3.48 ng/ul	149184	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	93
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	62
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	58
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021621\
Data File : BG048184.D
Acq On : 17 Feb 2021 10:27
Operator : CG/JU
Sample : M1407-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL1DL

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, cyclopro...	8.48	27.4	ng/ul	449547	1	8.10	328489	20.0
Indene	8.64	7.8	ng/ul	127683	1	8.10	328489	20.0
Benzene, 1-isocya...	8.94	5.0	ng/ul	81498	1	8.10	328489	20.0
3-Phenyl-2-propyn...	9.58	2.8	ng/ul	62766	2	10.91	450658	20.0
1-Phenyl-1-butene	10.31	2.8	ng/ul	62127	2	10.91	450658	20.0
Phenol, 2,3,6-tri...	11.05	4.6	ng/ul	103545	2	10.91	450658	20.0
Benzo[c]thiophene	11.08	8.7	ng/ul	196922	2	10.91	450658	20.0
Phenol, 2,4,6-tri...	11.49	2.6	ng/ul	59566	2	10.91	450658	20.0
Benzaldehyde, 4-e...	12.65	2.5	ng/ul	57536	2	10.91	450658	20.0
Naphthalene, 1-me...	12.78	12.6	ng/ul	284444	2	10.91	450658	20.0
Naphthalene, 1,6-...	14.04	2.1	ng/ul	75145	3	14.72	707917	20.0
2-Naphthalenecarb...	14.85	4.9	ng/ul	174342	3	14.72	707917	20.0
1-Naphthalenol, 2...	15.89	6.3	ng/ul	222846	3	14.72	707917	20.0
unknown-01	15.99	5.6	ng/ul	198922	3	14.72	707917	20.0
unknown-02	16.18	2.7	ng/ul	117296	4	17.47	856698	20.0
p-Hydroxybiphenyl	16.71	5.2	ng/ul	224090	4	17.47	856698	20.0
2-Dibenzofuranol	17.96	4.7	ng/ul	202703	4	17.47	856698	20.0
Dibenzo-p-dioxin	18.01	7.7	ng/ul	329999	4	17.47	856698	20.0
9H-Carbazole, 9-m...	18.38	2.2	ng/ul	93841	4	17.47	856698	20.0
2-Hydroxyfluorene	18.45	3.5	ng/ul	149184	4	17.47	856698	20.0