LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048165.D
Acq On : 16 Feb 2021 16:15
Operator : CG/JU
Sample : M1407-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL0

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	6.110	467	472	479	rVB	48154	74055	0.48%	0.130%
2	7.250	660	666	676	rVV	64904	121905	0.79%	0.214%
3	7.420	688	695	704	rBV	182815	309297	2.00%	0.542%
4	7.632	723	731	740	rBV	211077	364436	2.35%	0.639%
5	7.749	745	751	758	rVB	32674	50610	0.33%	0.089%
6	7.826	758	764	770	rBV	181517	305987	1.98%	0.536%
7	8.108	803	812	818	rBV	216280	371933	2.40%	0.652%
8	8.642	897	903	912	rBV	75291	123939	0.80%	0.217%
9	8.795	923	929	939	rVB	180719	311621	2.01%	0.546%
10	8.948	949	955	964	rVB	130335	225068	1.45%	0.394%
11	9.265	1003	1009	1022	rVB	247600	472242	3.05%	0.828%
12	9.465	1037	1043	1048	rBV	45039	75372	0.49%	0.132%
13	9.524	1048	1053	1057	rVV3	26439	49058	0.32%	0.086%
14	9.582	1057	1063	1070	rVV2	118511	279047	1.80%	0.489%
15	9.653	1070	1075	1085	rVV3	31115	64506	0.42%	0.113%
16	9.988	1123	1132	1144	rBV	221101	414140	2.67%	0.726%
17	10.105	1144	1152	1157	rVV3	34844	63924	0.41%	0.112%
18	10.311	1181	1187	1196	rBV7	23927	54356	0.35%	0.095%
19	10.528	1217	1224	1234	rVV	327846	608947	3.93%	1.067%
20	10.922	1281	1291	1293	rVV	248917	443430	2.86%	0.777%
21	10.992	1293	1303	1309	rVV	7170676	15493008	100.00%	27.148%
22	11.092	1309	1320	1327	rVB	687271	1323005	8.54%	2.318%
23	11.921	1455	1461	1466	rBV2	35168	67437	0.44%	0.118%
24	11.980	1466	1471	1474	rVV2	36596	61748	0.40%	0.108%
25	12.021	1474	1478	1488	rVB5	20937	48462	0.31%	0.085%
26	12.461	1542	1553	1557	rBV	56716	116516	0.75%	0.204%
27	12.567	1563	1571	1577	rBV	1085757	1831586	11.82%	3.209%
28	12.679	1584	1590	1596	rVV	39606	76303	0.49%	0.134%
29	12.779	1597	1607	1615	rVB	669364	1186160	7.66%	2.079%
30	12.925	1626	1632	1641	rBV2	50800	100690	0.65%	0.176%
31	13.202	1673	1679	1681	rBV5	35619	68042	0.44%	0.119%
32	13.431	1710	1718	1723	rBV5	28895	75437	0.49%	0.132%
33	13.560	1734	1740	1748	rVB	340537	548850	3.54%	0.962%
34	13.760	1767	1774	1785	rVB4	48653	145613	0.94%	0.255%

LSC Area Percent Report

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Sample : M1407-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL0

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	13.895	1785	1797	1805	rBV4	161968	379235	2.45%	0.665%
36	14.048	1816	1823	1828	rBV	105487	200066	1.29%	0.351%
37	14.124	1828	1836	1842	rVV	673781	1056178	6.82%	1.851%
38	14.283	1859	1863	1866	rBV2	43437	64634	0.42%	0.113%
39	14.424	1880	1887	1897	rVV	681500	1233901	7.96%	2.162%
40	14.559	1904	1910	1917	rVB9	21757	52570	0.34%	0.092%
41	14.729	1927	1939	1944	rVV	484951	868649	5.61%	1.522%
42	14.794	1944	1950	1955	rVV	1179002	1861302	12.01%	3.262%
43	14.853	1955	1960	1965	rVV	449114	691013	4.46%	1.211%
44	14.900	1965	1968	1976	rVV	78566	147883	0.95%	0.259%
45	14.994	1978	1984	1989	rVV	140502	237917	1.54%	0.417%
46	15.058	1993	1995	2000	rVV4	35325	62658	0.40%	0.110%
47	15.123	2000	2006	2014	rVB	820795	1234922	7.97%	2.164%
48	15.264	2024	2030	2035	rBV	358242	553544	3.57%	0.970%
49	15.346	2039	2044	2051	rVB	130202	202662	1.31%	0.355%
50	15.716	2100	2107	2112	rVV	939375	1407276	9.08%	2.466%
51	15.769	2112	2116	2121	rVV	556749	814171	5.26%	1.427%
52	15.822	2121	2125	2133	rVB2	405869	618795	3.99%	1.084%
53	15.893	2133	2137	2141	rBV5	33394	53612	0.35%	0.094%
54	15.987	2149	2153	2157	rVB2	42628	56488	0.36%	0.099%
55	16.063	2162	2166	2172	rVB	63438	101022	0.65%	0.177%
56	16.133	2172	2178	2181	rBV4	29683	58420	0.38%	0.102%
57	16.204	2186	2190	2201	rVB2	79440	170855	1.10%	0.299%
58	16.445	2219	2231	2243	rVB5	71725	226158	1.46%	0.396%
59	16.639	2256	2264	2271	rVV	101722	232726	1.50%	0.408%
60	16.721	2271	2278	2292	rVV	260057	539542	3.48%	0.945%
61	16.815	2292	2294	2304	rVB10	18033	43264	0.28%	0.076%
62	16.956	2313	2318	2323	rBV6	25809	57637	0.37%	0.101%
63	17.115	2338	2345	2353	rVB	653448	1034378	6.68%	1.813%
64	17.256	2364	2369	2371	rBV3	28967	45079	0.29%	0.079%
65	17.285	2371	2374	2381	rVV	64386	101465	0.65%	0.178%
66	17.356	2381	2386	2391	rVV3	55570	108790	0.70%	0.191%
67	17.414	2392	2396	2400	rVV	78944	125509	0.81%	0.220%
68	17.467	2400	2405	2409	rVV	669259	1054144	6.80%	1.847%
69	17.514	2409	2413	2417	rVV2	607121	973095	6.28%	1.705%
70	17.567	2417	2422	2434	rVV	1054339	1742671	11.25%	3.054%
71	17.708	2443	2446	2454	rVB9	25473	43012	0.28%	0.075%

LSC Area Percent Report

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Sample : M1407-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL0

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
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Peak separation: 5

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

72	17.873	2463	2474	2482	rVB	2103569	3194317	20.62%	5.597%
73	18.020	2494	2499	2507	rBV	307533	519813	3.36%	0.911%
74	18.166	2521	2524	2529	rVB3	50184	71910	0.46%	0.126%
75	18.219	2529	2533	2537	rVB5	31115	44410	0.29%	0.078%
76	18.302	2543	2547	2551	rVB2	33908	43356	0.28%	0.076%
77	18.354	2551	2556	2558	rBV2	158107	219676	1.42%	0.385%
78	18.384	2558	2561	2565	rVV	114290	172227	1.11%	0.302%
79	18.425	2566	2568	2571	rVV3	50808	75146	0.49%	0.132%
80	18.460	2571	2574	2580	rVB2	104837	158802	1.02%	0.278%
81	18.531	2580	2586	2595	rBV7	47085	114074	0.74%	0.200%
82	18.678	2608	2611	2614	rVB	52532	57663	0.37%	0.101%
83	18.713	2615	2617	2622	rVB	39969	52137	0.34%	0.091%
84	18.772	2622	2627	2633	rBV3	77209	140455	0.91%	0.246%
85	18.830	2633	2637	2641	rVV	59878	90399	0.58%	0.158%
86	18.871	2641	2644	2649	rVV2	42378	63171	0.41%	0.111%
87	19.336	2718	2723	2729	rVV2	57853	98446	0.64%	0.173%
88	19.512	2749	2753	2760	rVV2	67363	111257	0.72%	0.195%
89	19.618	2762	2771	2781	rVV7	126860	274493	1.77%	0.481%
90	19.847	2804	2810	2827	rVB	1429032	2121062	13.69%	3.717%
91	20.246	2874	2878	2882	rVB3	24642	43812	0.28%	0.077%
92	20.305	2883	2888	2894	rVB	166539	240811	1.55%	0.422%
93	20.910	2987	2991	2995	rBV	29321	46927	0.30%	0.082%
94	20.957	2995	2999	3007	rVB3	48833	88966	0.57%	0.156%
95	21.374	3066	3070	3082	rVB5	62546	129750	0.84%	0.227%
96	21.739	3126	3132	3140	rVB	716075	1162984	7.51%	2.038%
97	24.071	3524	3529	3536	rVB4	27535	58117	0.38%	0.102%
98	24.782	3639	3650	3662	rVB	702544	1933708	12.48%	3.388%
99	25.005	3678	3688	3702	rVB2	407013	1249581	8.07%	2.190%
100	26.186	3883	3889	3898	rVB4	40038	108262	0.70%	0.190%

Sum of corrected areas: 57067705

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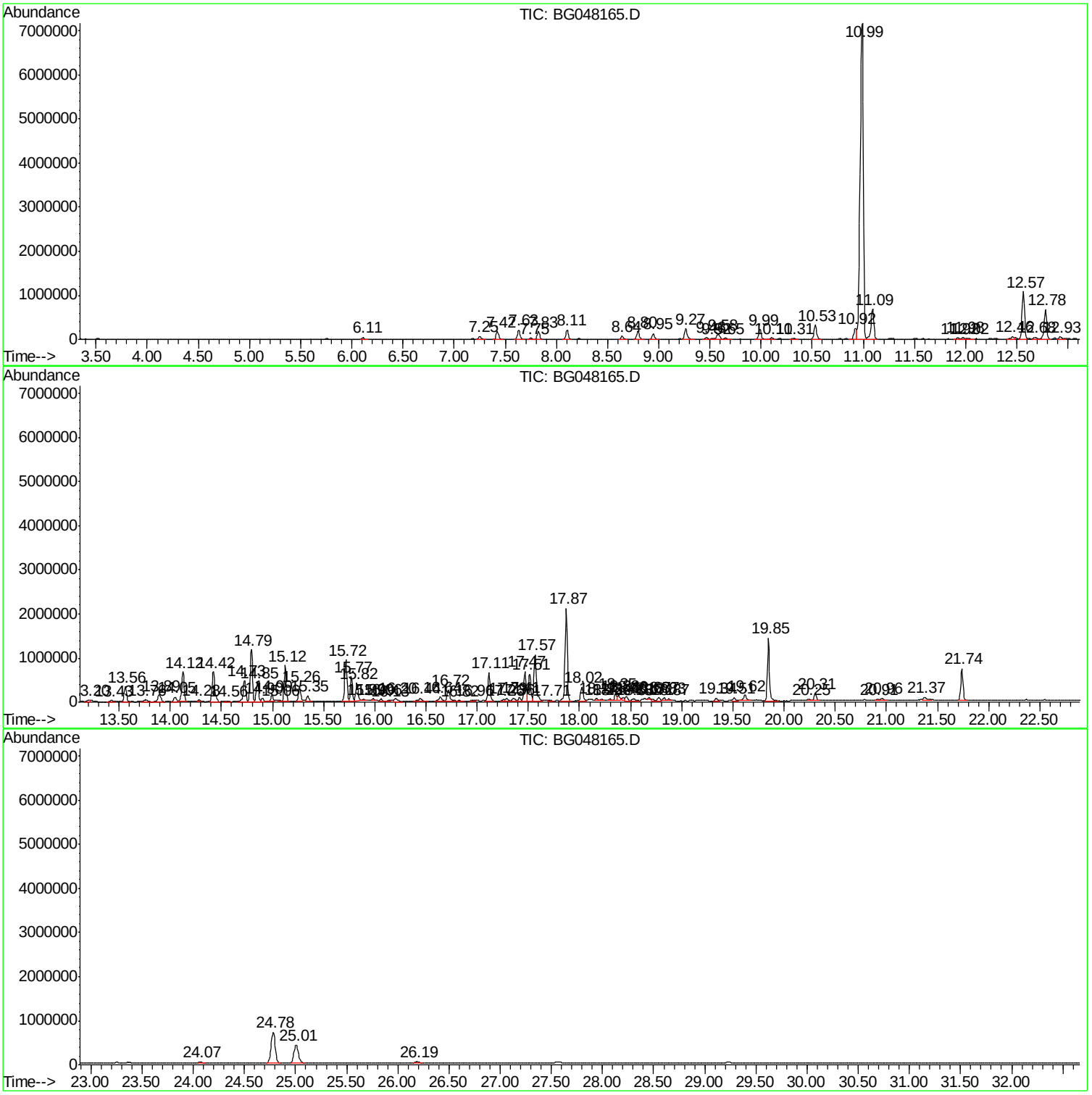
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBGL0

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

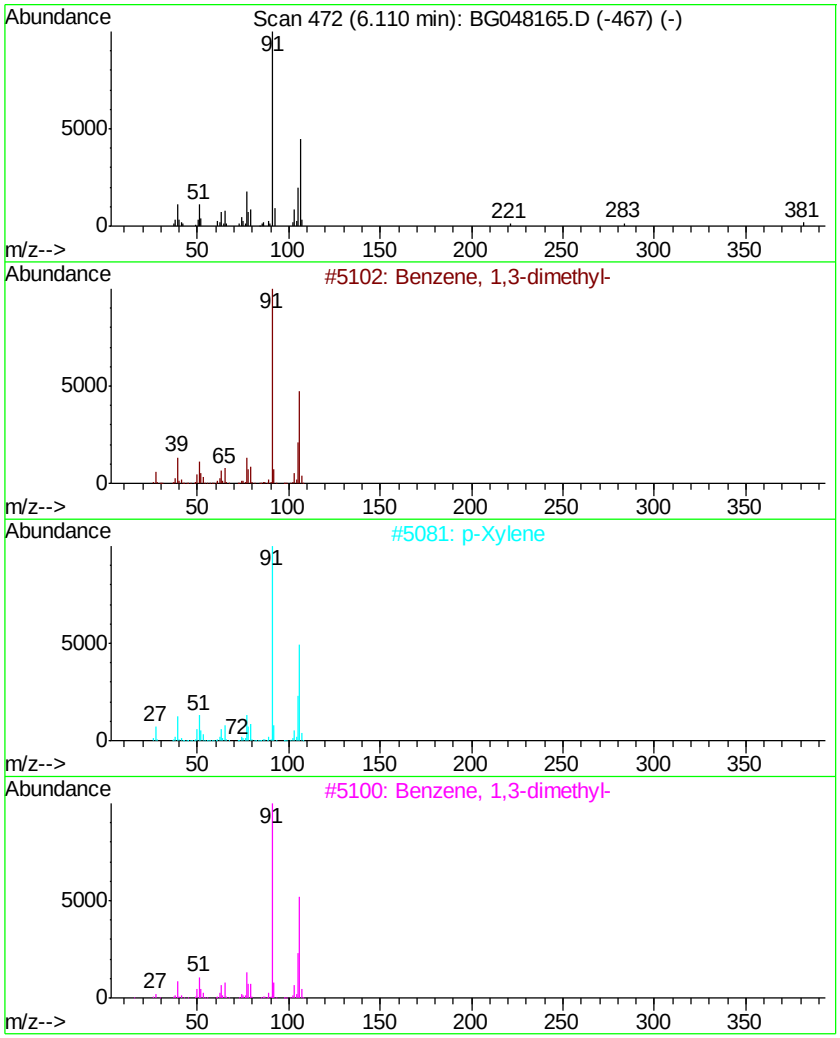
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

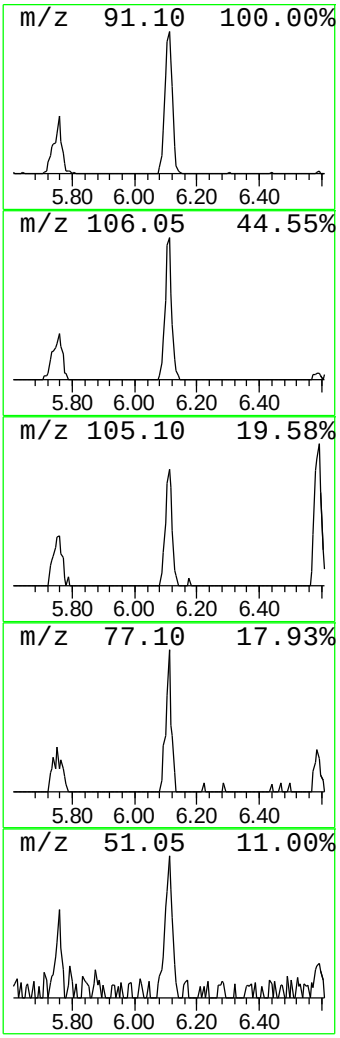
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	3.98 ng/ul	74055	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	94
2	p-Xylene	106	C8H10	000106-42-3	94
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93
4	o-Xylene	106	C8H10	000095-47-6	93
5	o-Xylene	106	C8H10	000095-47-6	93





Library Search Compound Report

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Data File : BG048165.D
Acq On : 16 Feb 2021 16:15
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Sample : M1407-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL0

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

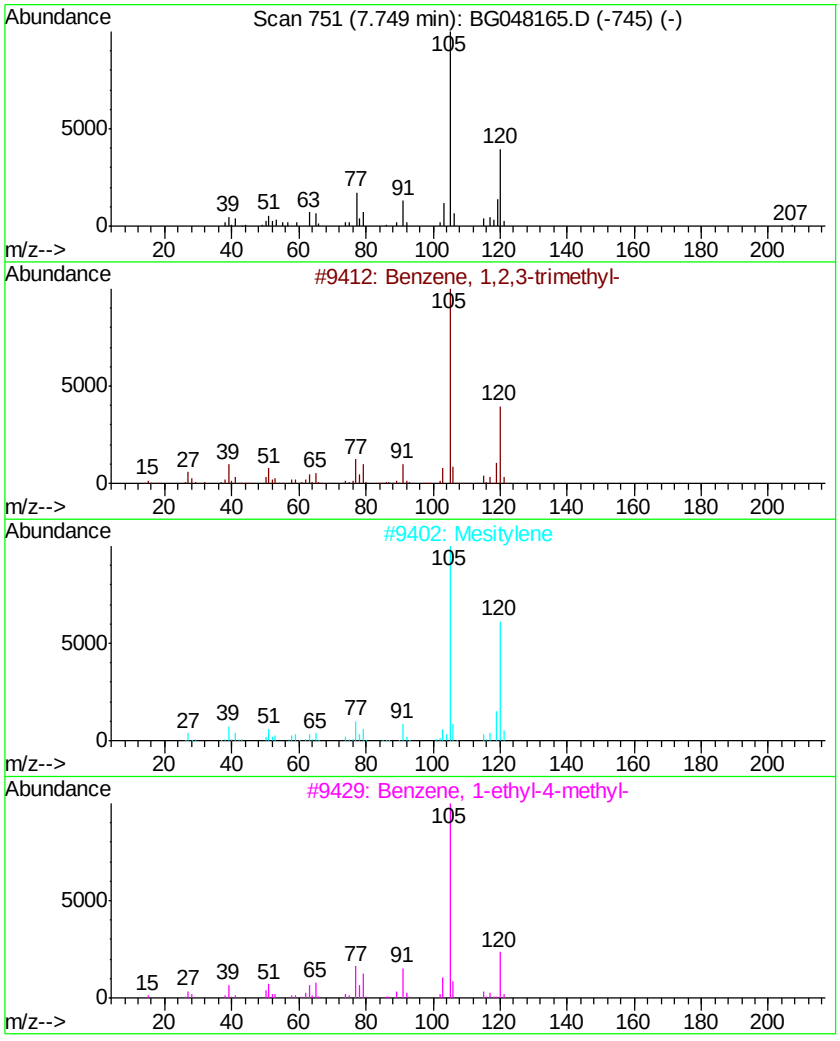
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

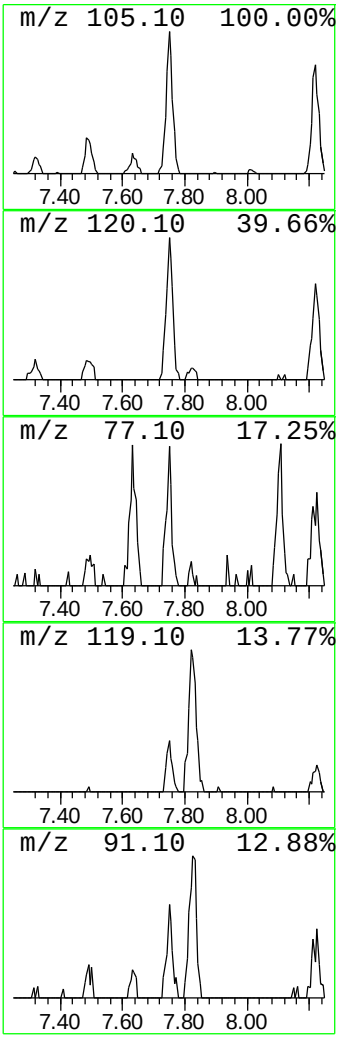
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	2.72 ng/ul	50610	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	87
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86





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Misc :
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Instrument : BNA_G
ClientSampleId : DBGL0

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

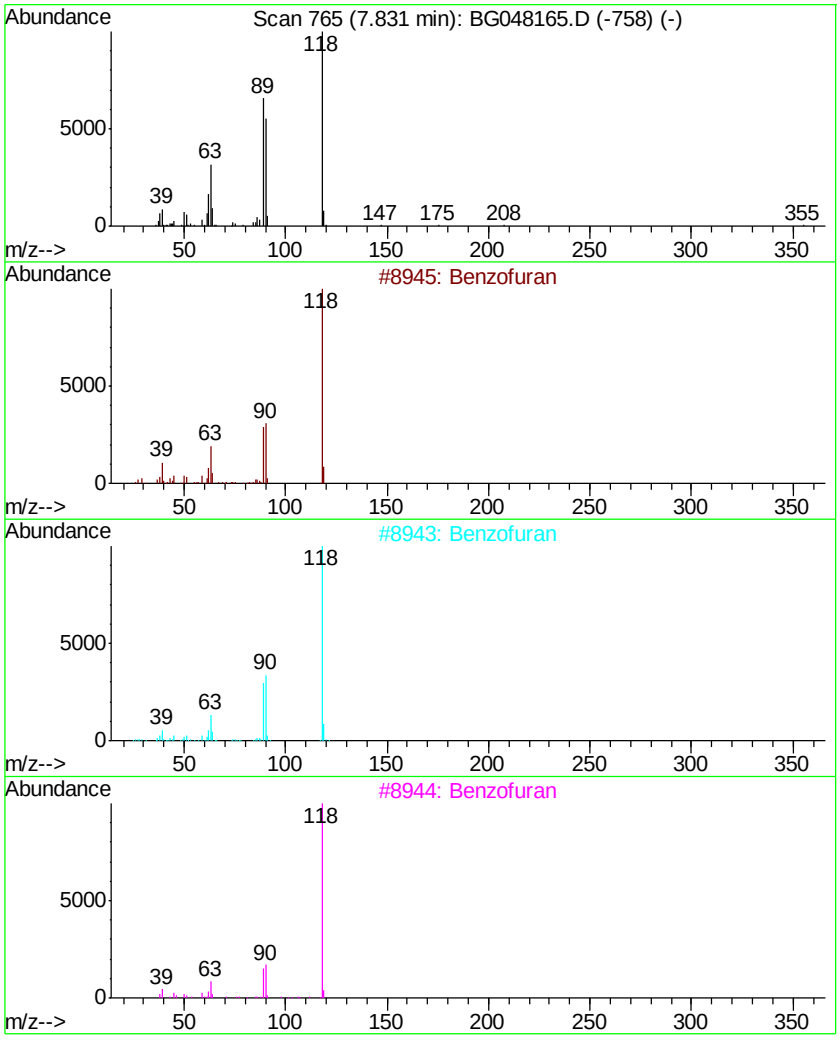
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

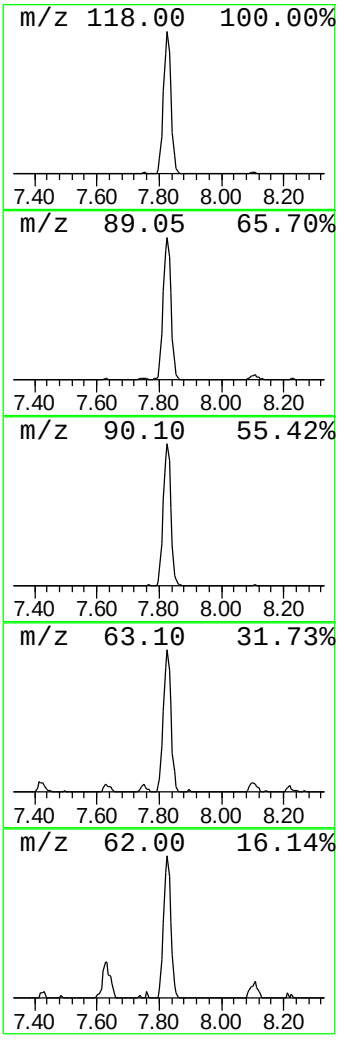
****

Peak Number 3 Benzofuran Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	16.45 ng/ul	305987	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	91
3	Benzofuran	118	C8H6O	000271-89-6	87
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	83
5	Coumarin	146	C9H6O2	000091-64-5	83





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL0

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

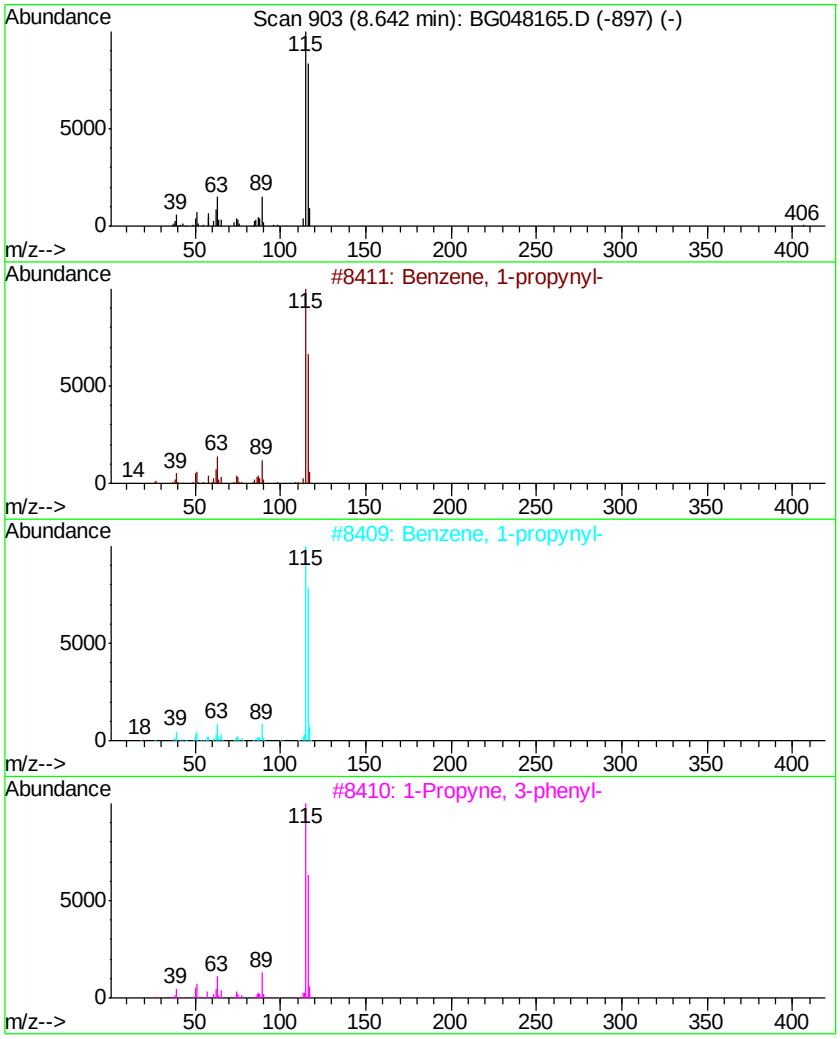
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

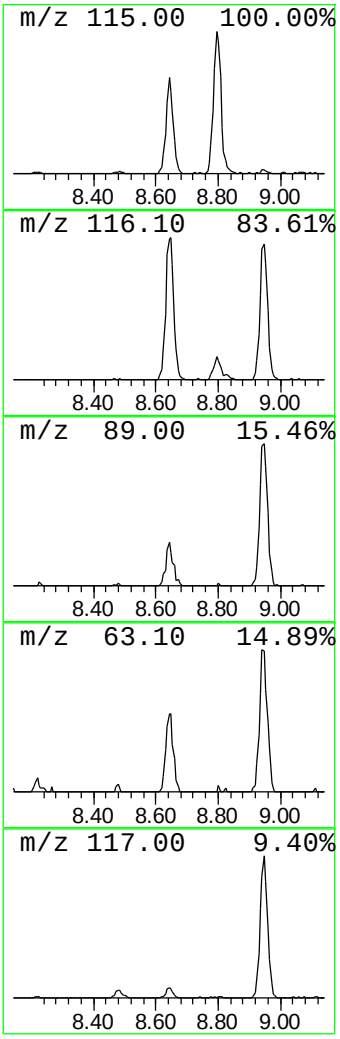
****

Peak Number 4 Benzene, 1-propynyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	6.66 ng/ul	123939	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	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
4	Indene	116	C9H8	000095-13-6	91
5	Indene	116	C9H8	000095-13-6	91





Library Search Compound Report

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Sample : M1407-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL0

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

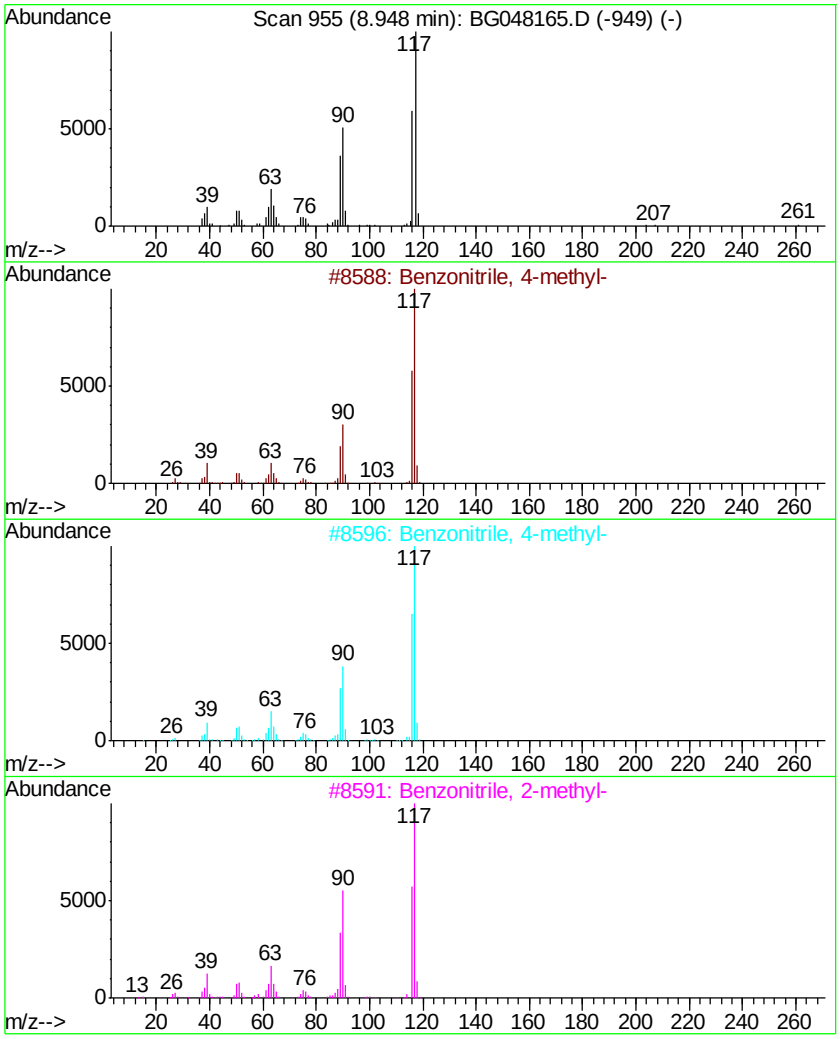
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

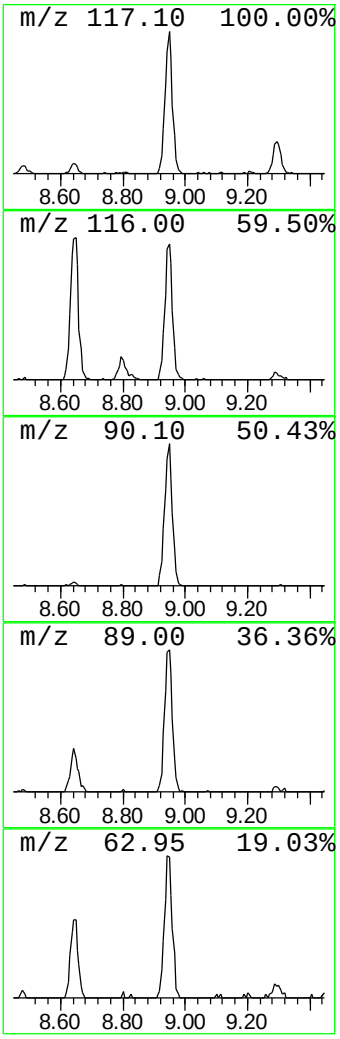
****

Peak Number 5 Benzonitrile, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	12.10 ng/ul	225068	1,4-Dichlorobenzene-d4	8.11

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





Library Search Compound Report

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Operator : CG/JU
Sample : M1407-08
Misc :
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Instrument : BNA_G
ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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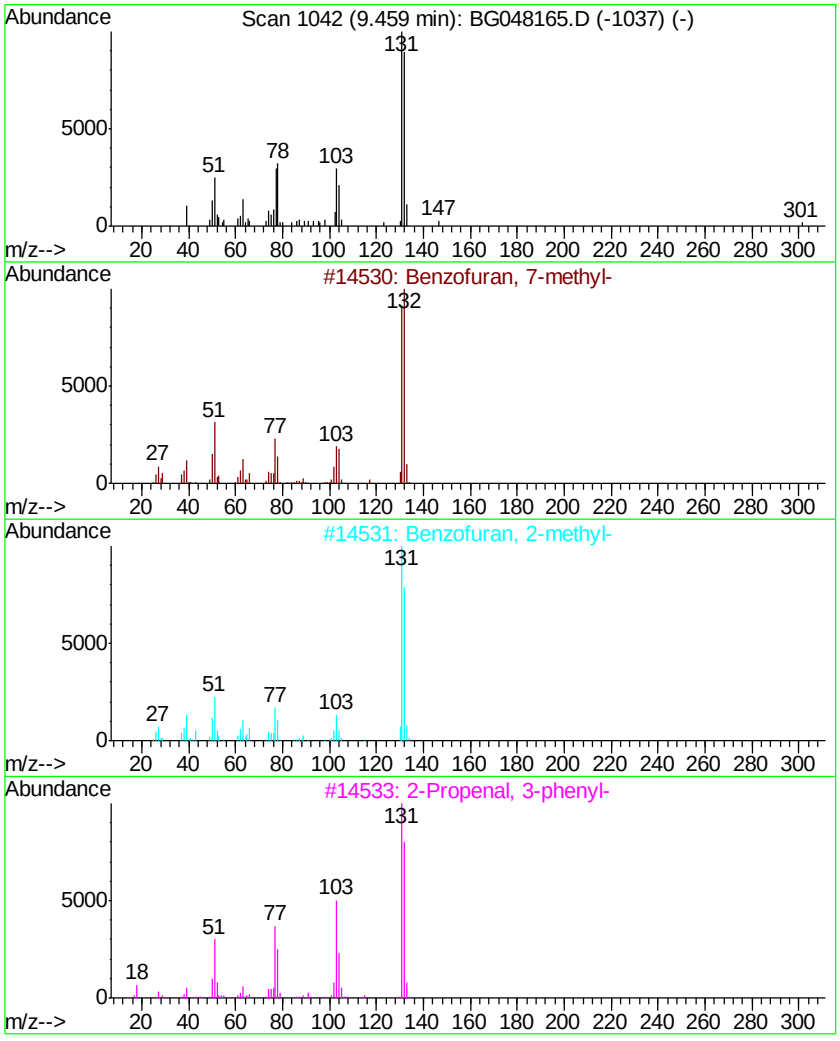
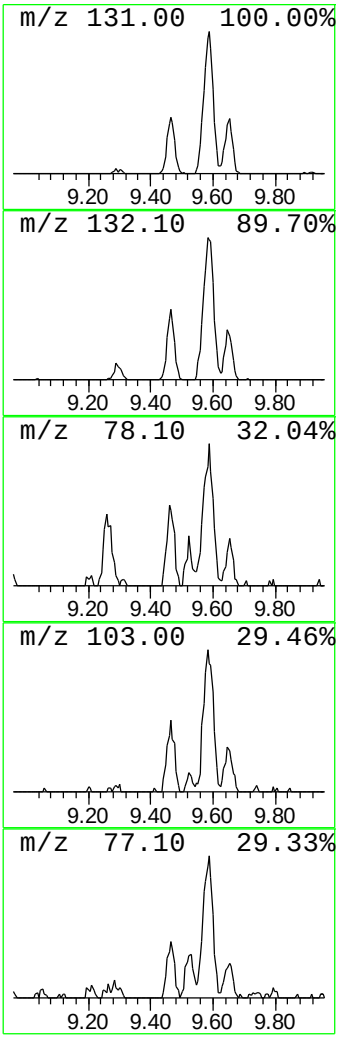
Peak Number 6 Benzofuran, 7-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	4.05 ng/ul	75372	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	97
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	95
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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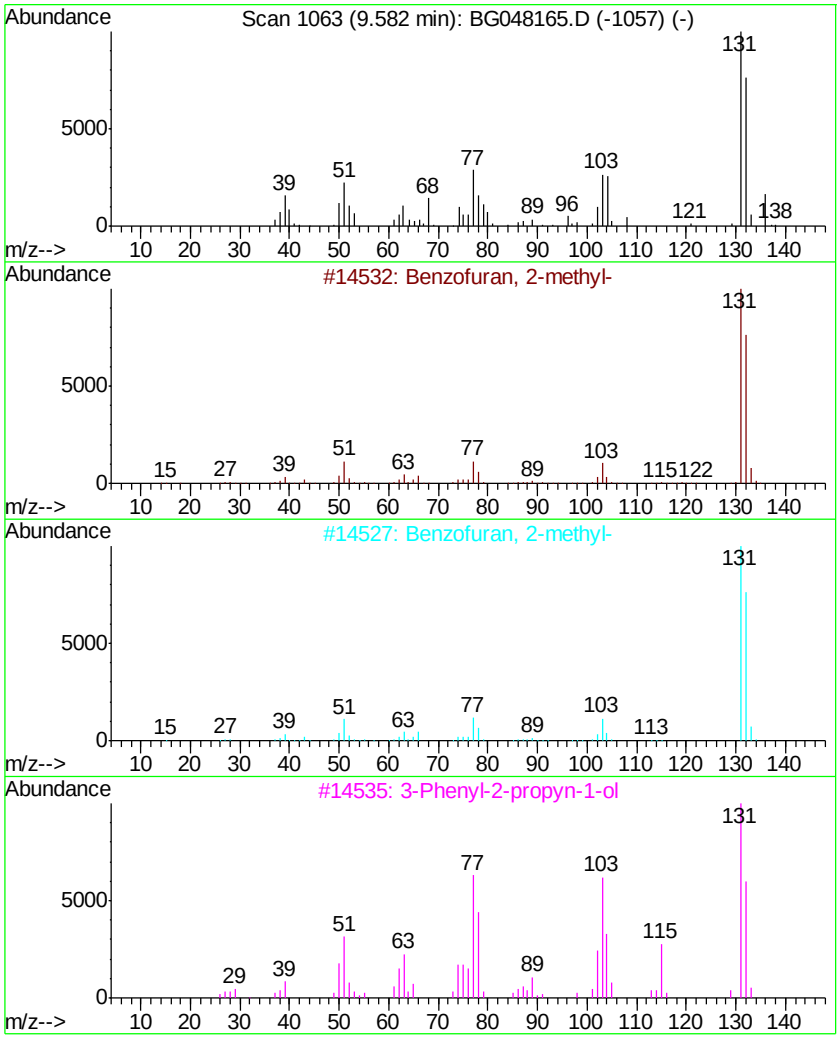
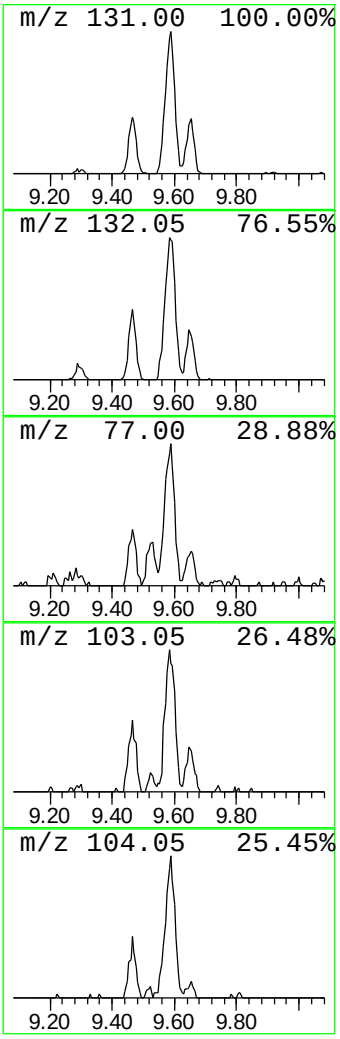
Peak Number 8 3-Phenyl-2-propyn-1-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	12.59 ng/ul	279047	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
5	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	83





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Instrument : BNA_G
ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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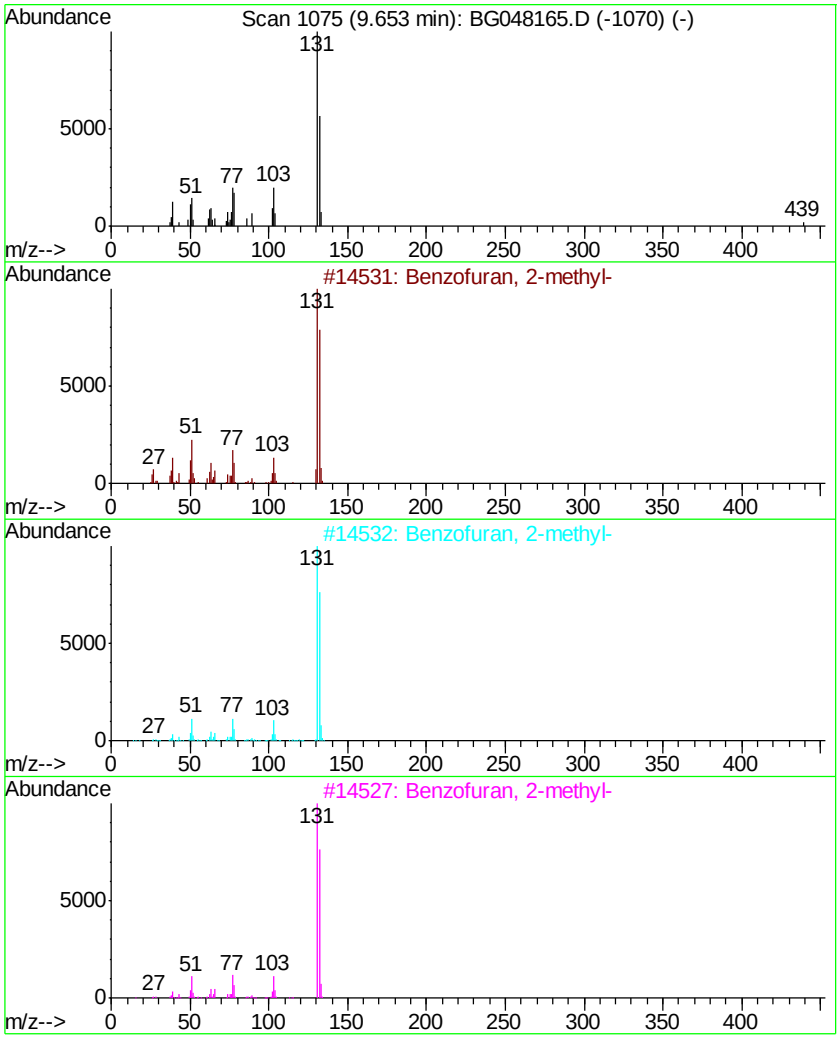
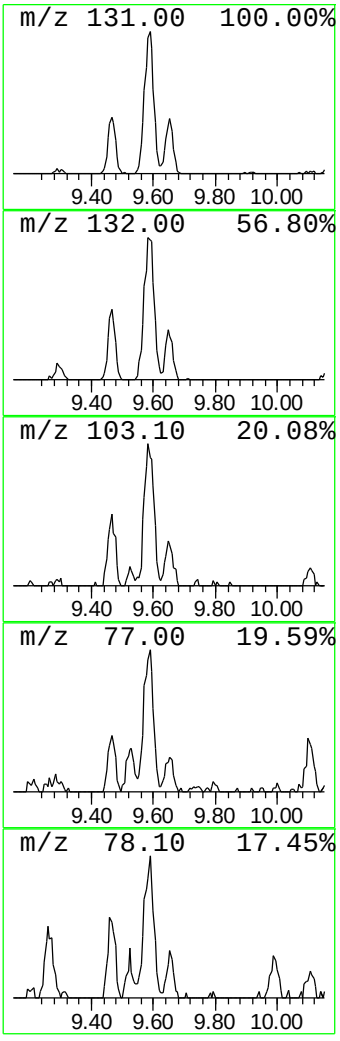
Peak Number 9 Benzofuran, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	2.91 ng/ul	64506	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	1H-Indenol	132	C9H8O	056631-57-3	68





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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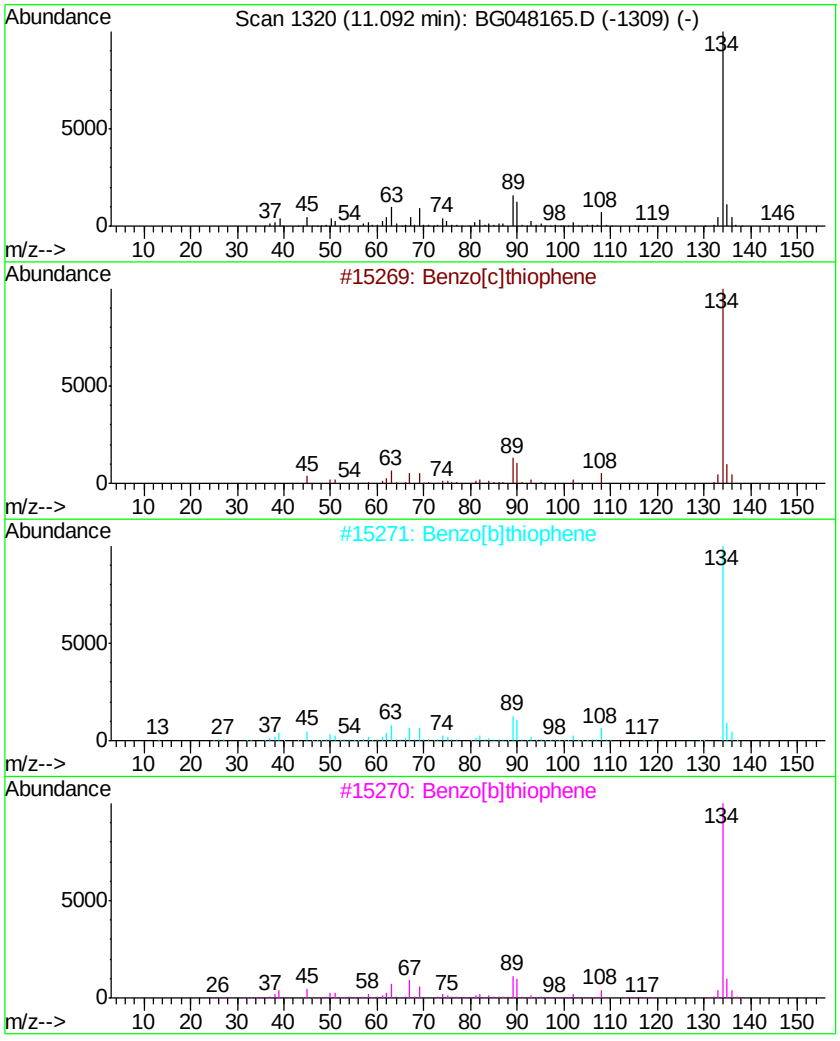
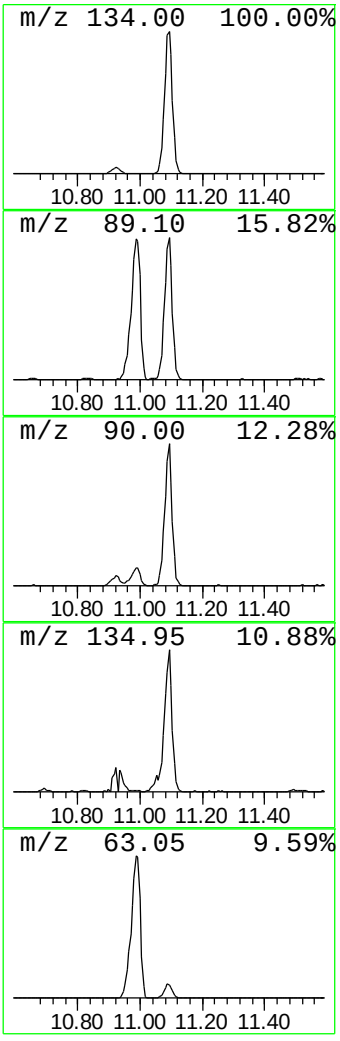
Peak Number 11 Benzo[c]thiophene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	59.67 ng/ul	1323010	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





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ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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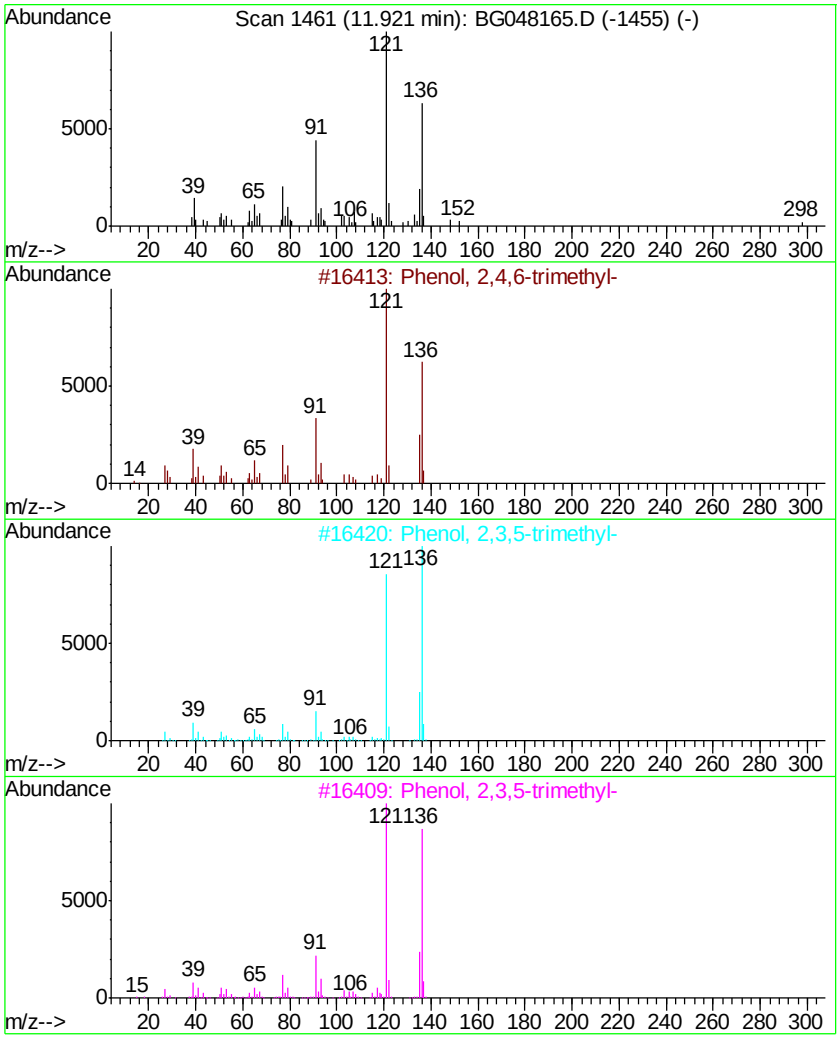
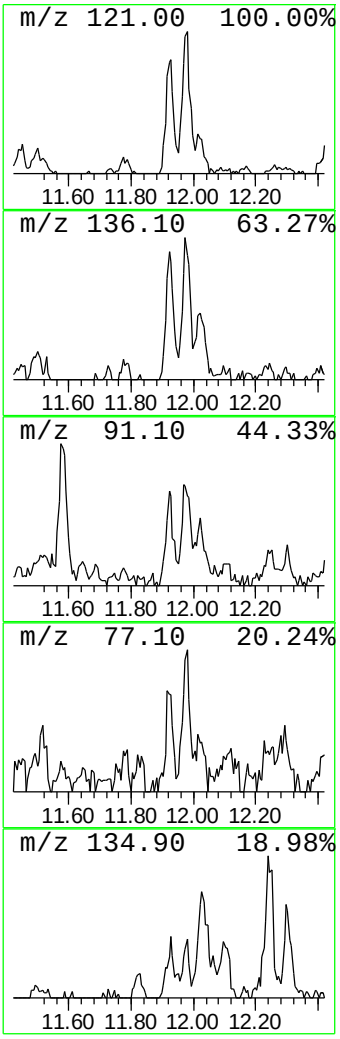
Peak Number 12 Phenol, 2,4,6-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.04 ng/ul	67437	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	96
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	94
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	94
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
5	Hydrazine, 1-(4-ethylphenyl)-	136	C8H12N2	054840-34-5	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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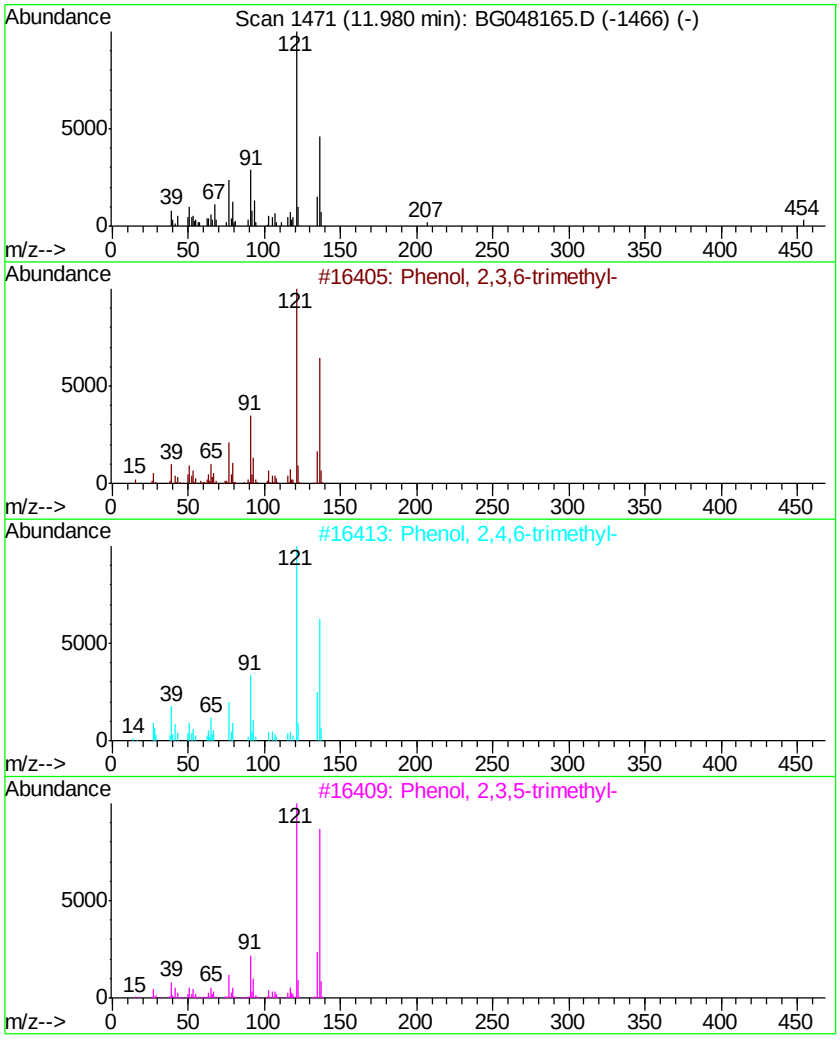
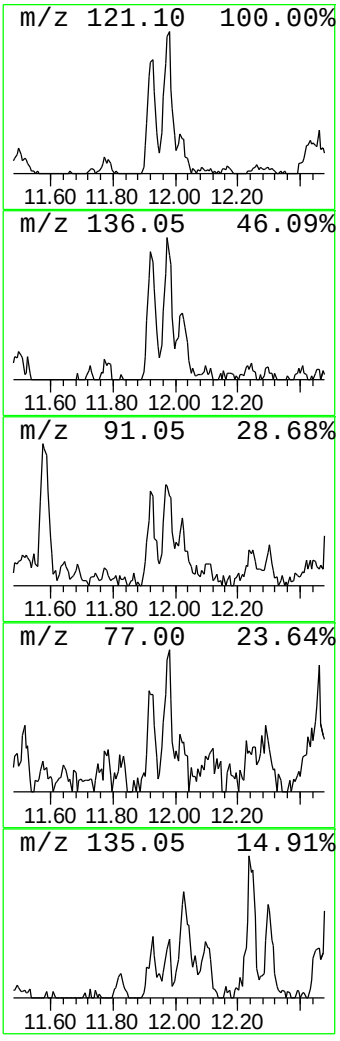
Peak Number 13 Phenol, 2,3,6-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.79 ng/ul	61748	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91





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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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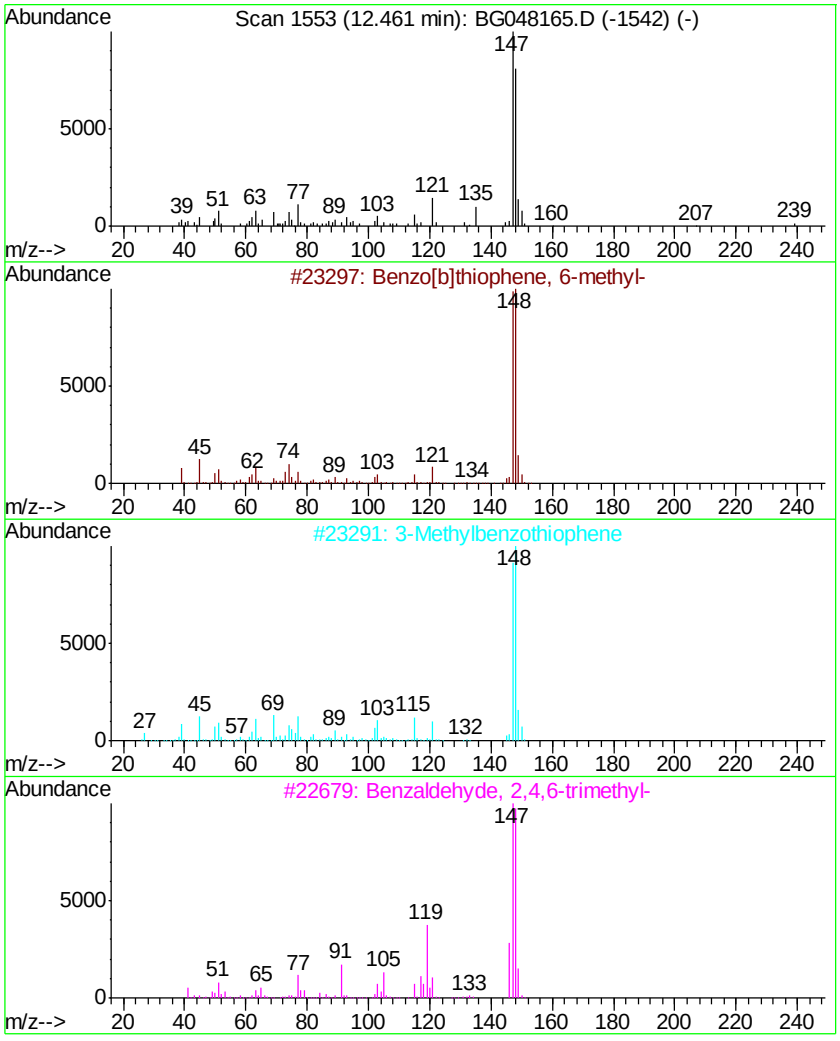
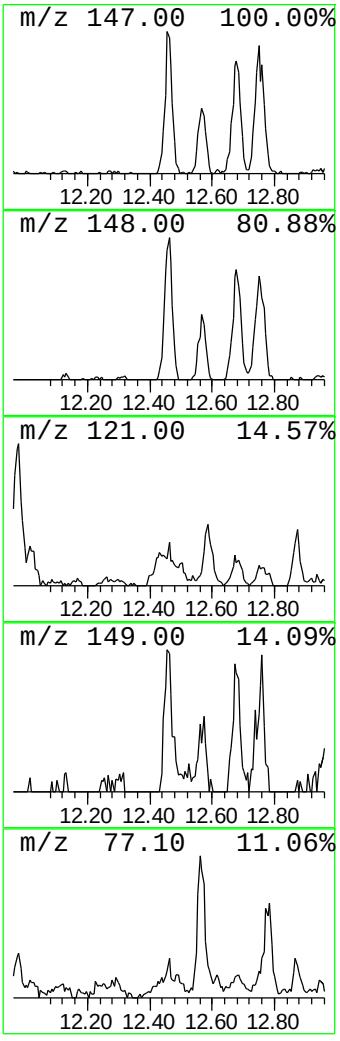
Peak Number 15 3-Methylbenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	5.26 ng/ul	116516	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	87
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	86
3	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	86
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	83
5	Benzaldehyde, 2,4,5-trimethyl-	148	C10H12O	005779-72-6	80





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Quant Title : SVOA CALIBRATION

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

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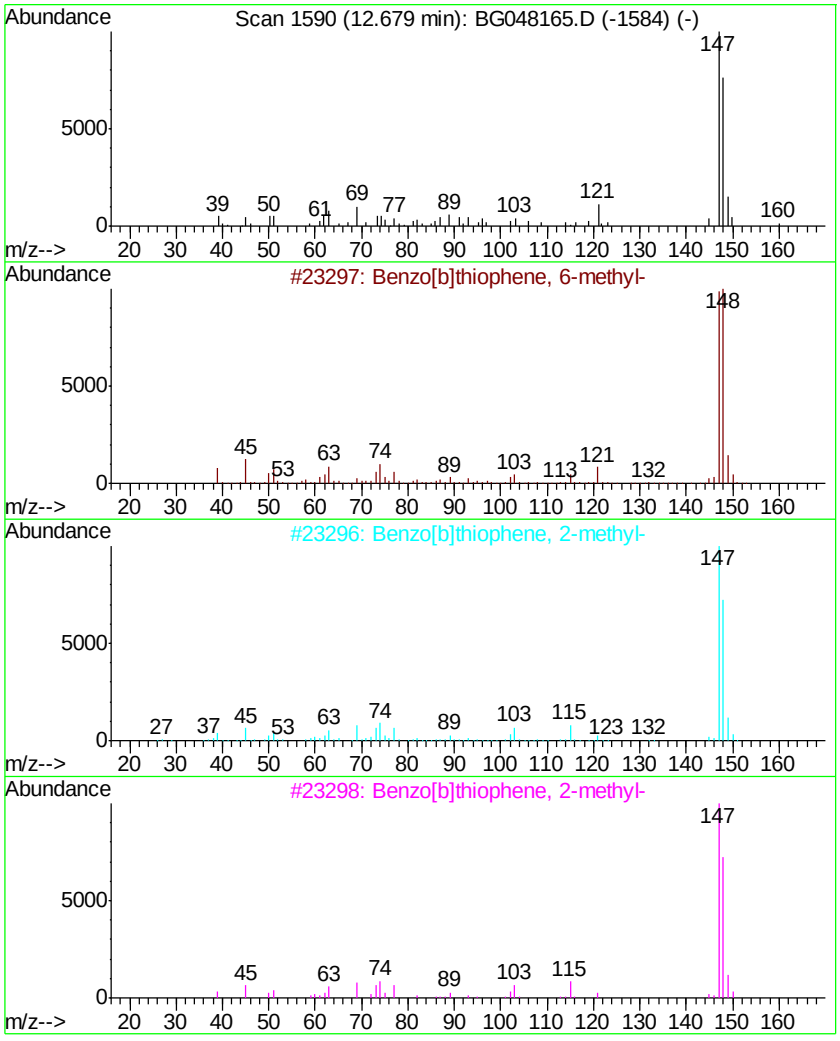
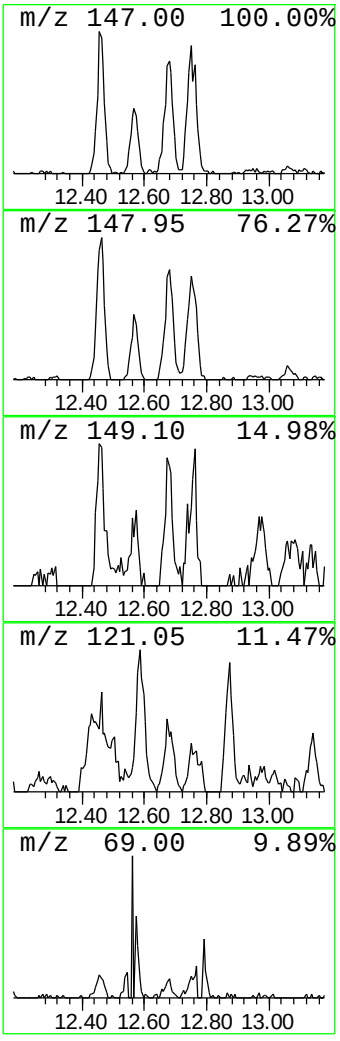
Peak Number 16 Benzo[b]thiophene, 6-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	3.44 ng/ul	76303	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	90
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86
4	Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	86
5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	86





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Instrument : BNA_G
ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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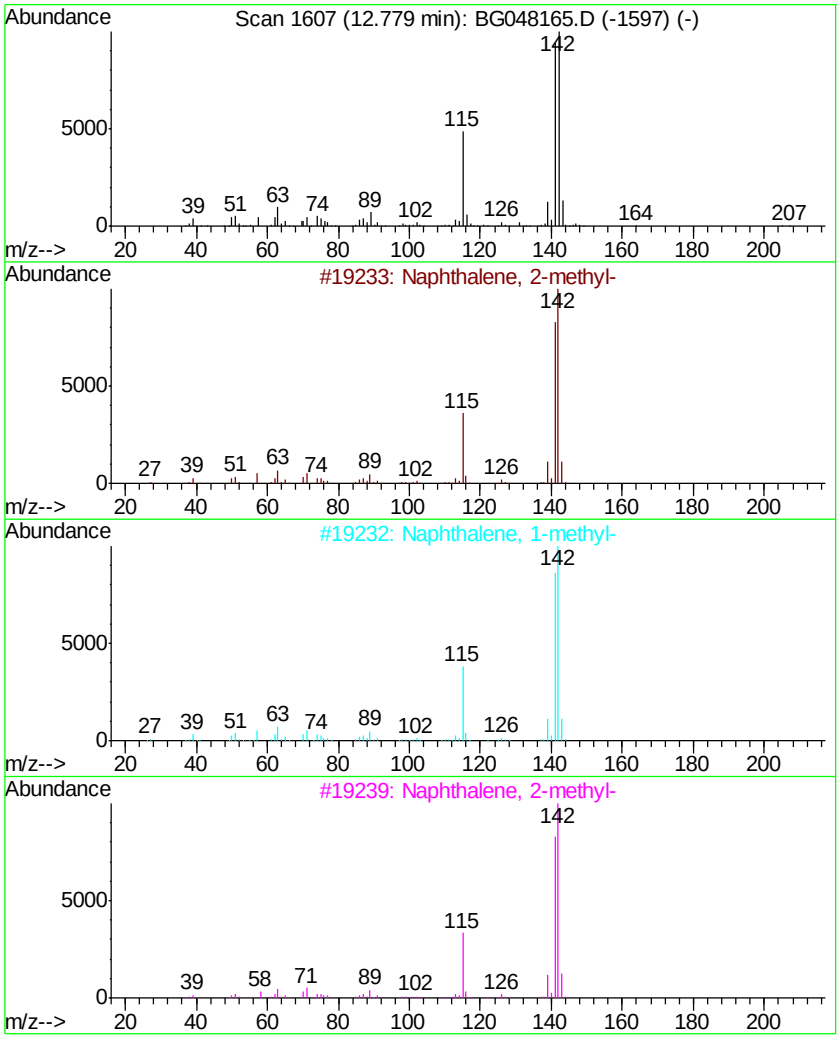
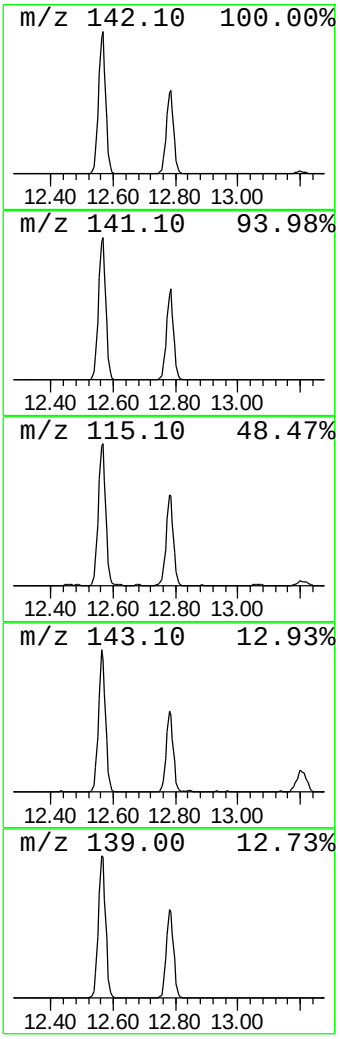
Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	53.50 ng/ul	1186160	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Benzocycloheptatriene	142	C11H10	000264-09-5	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Quant Title : SVOA CALIBRATION

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

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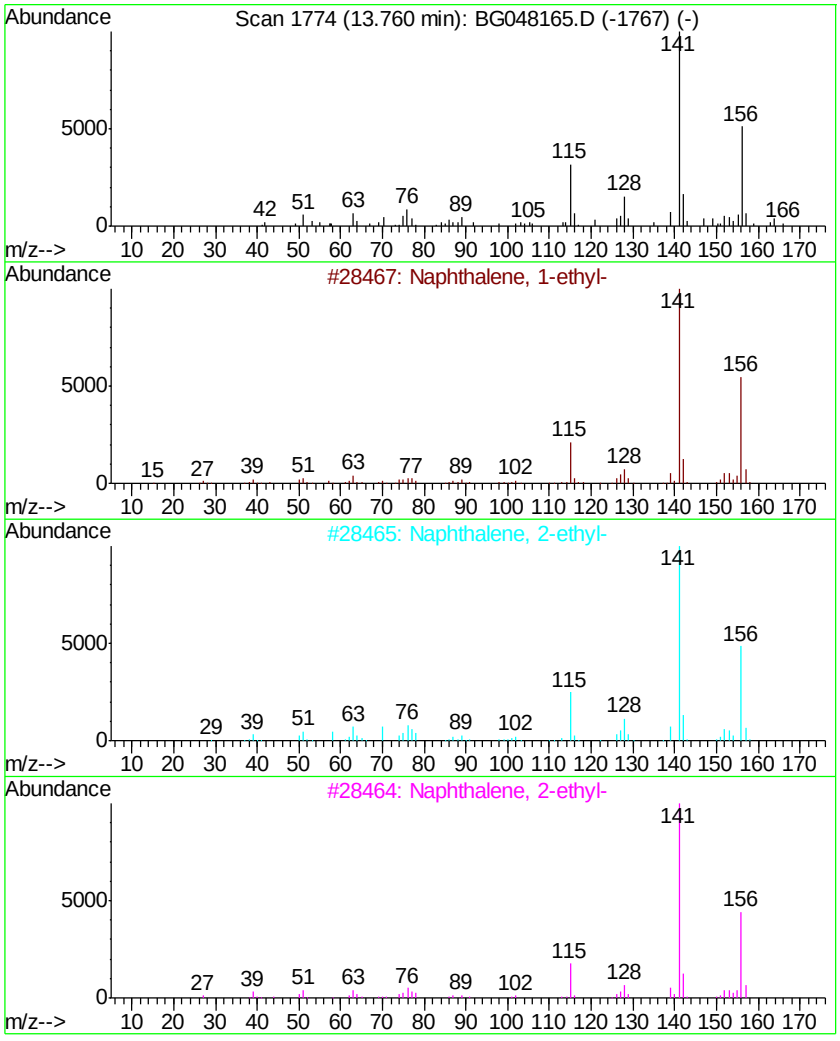
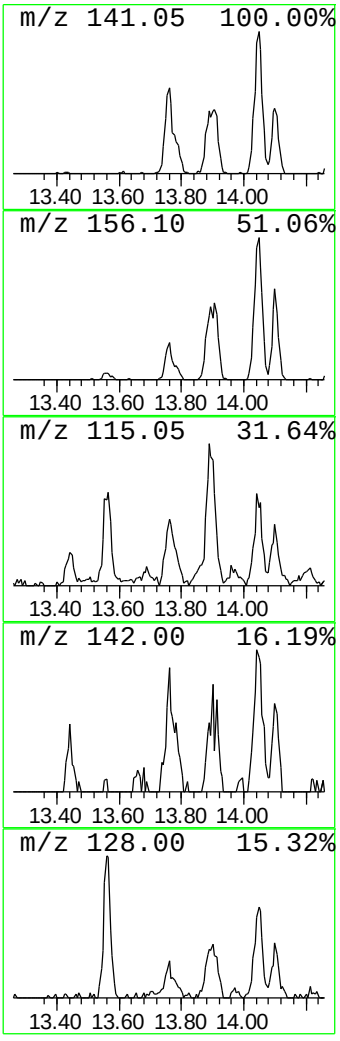
Peak Number 19 Naphthalene, 1-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.35 ng/ul	145613	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91





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Instrument : BNA_G
ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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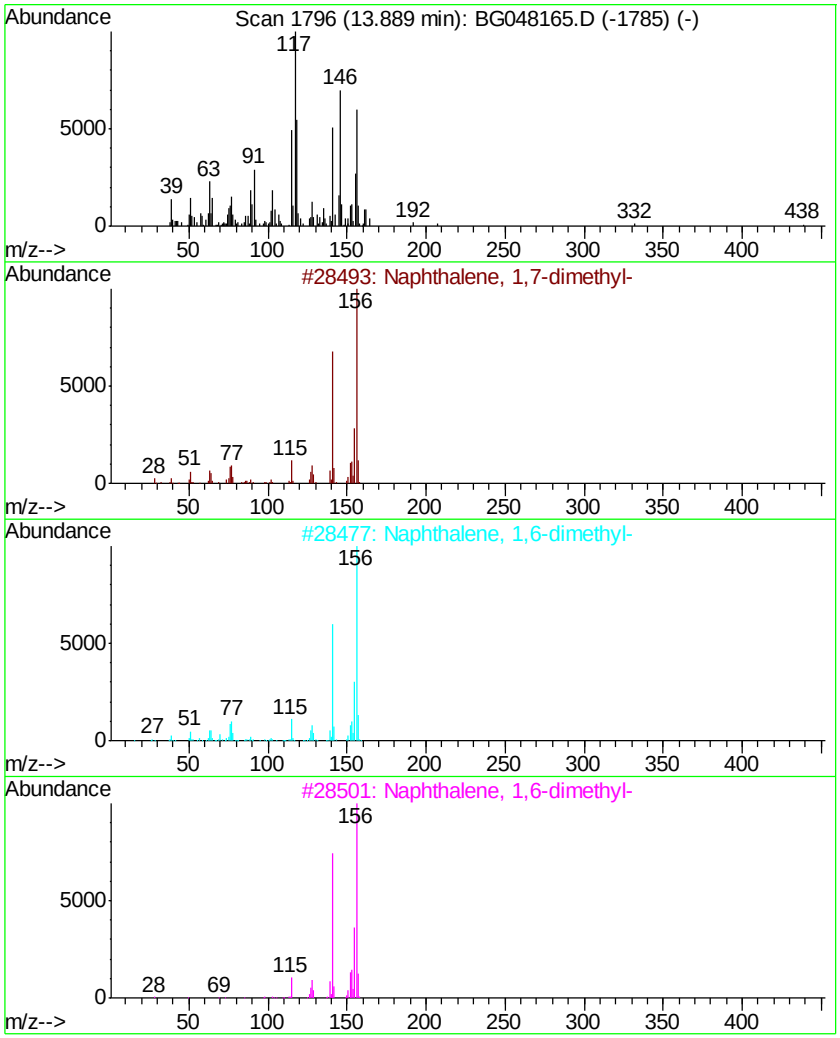
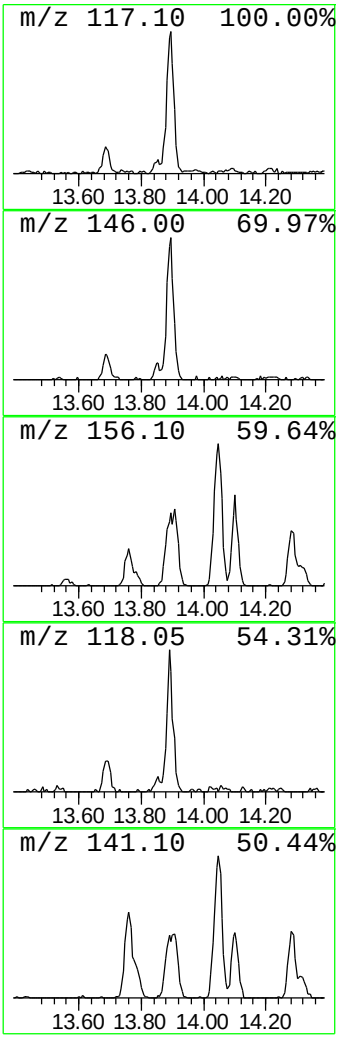
Peak Number 20 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	8.73 ng/ul	379235	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	92
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	92
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91





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Sample : M1407-08
Misc :
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ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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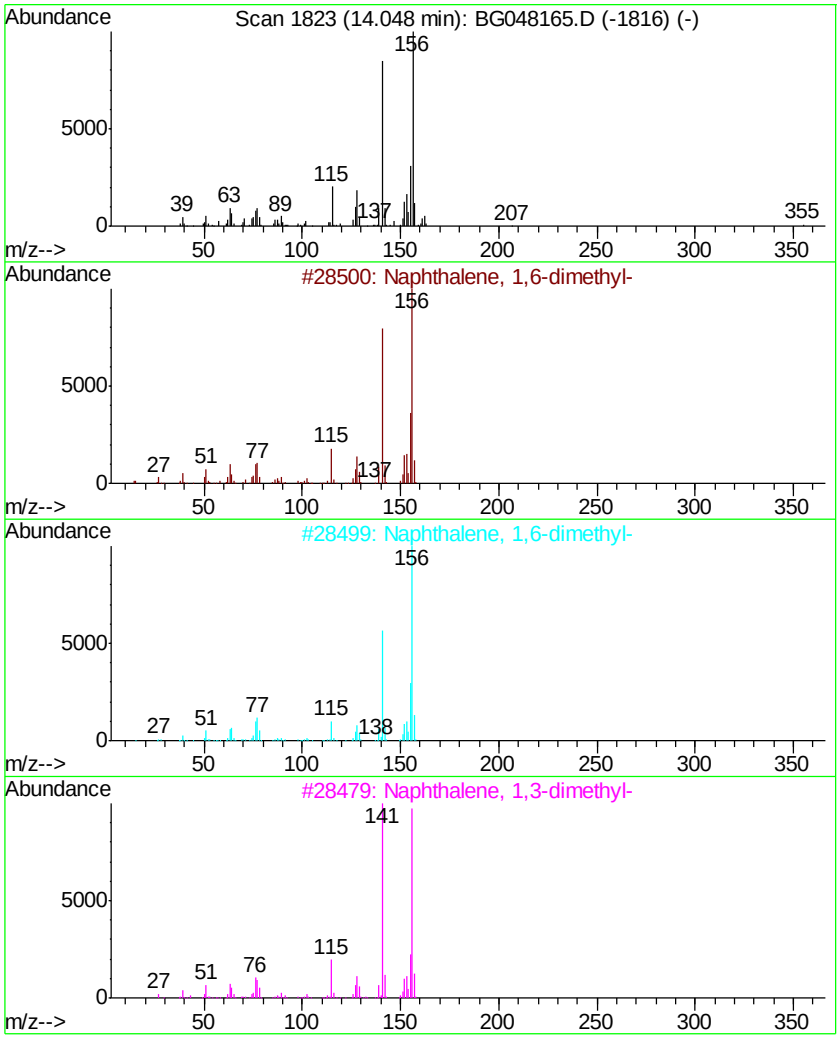
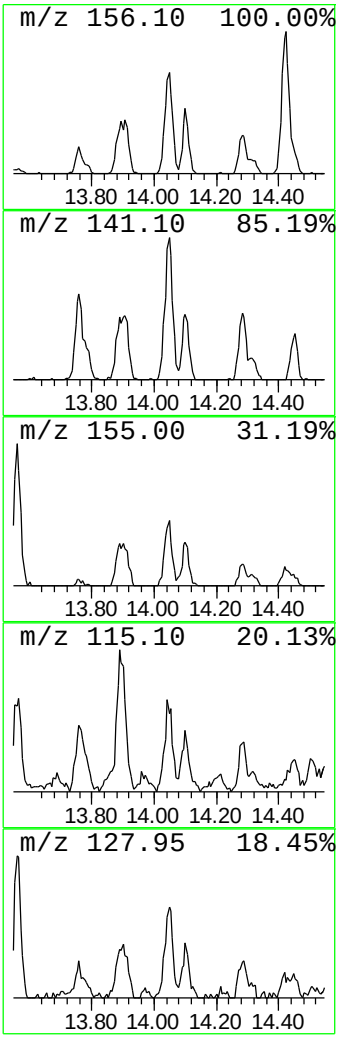
Peak Number 21 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	4.61 ng/ul	200066	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Acq On : 16 Feb 2021 16:15
Operator : CG/JU
Sample : M1407-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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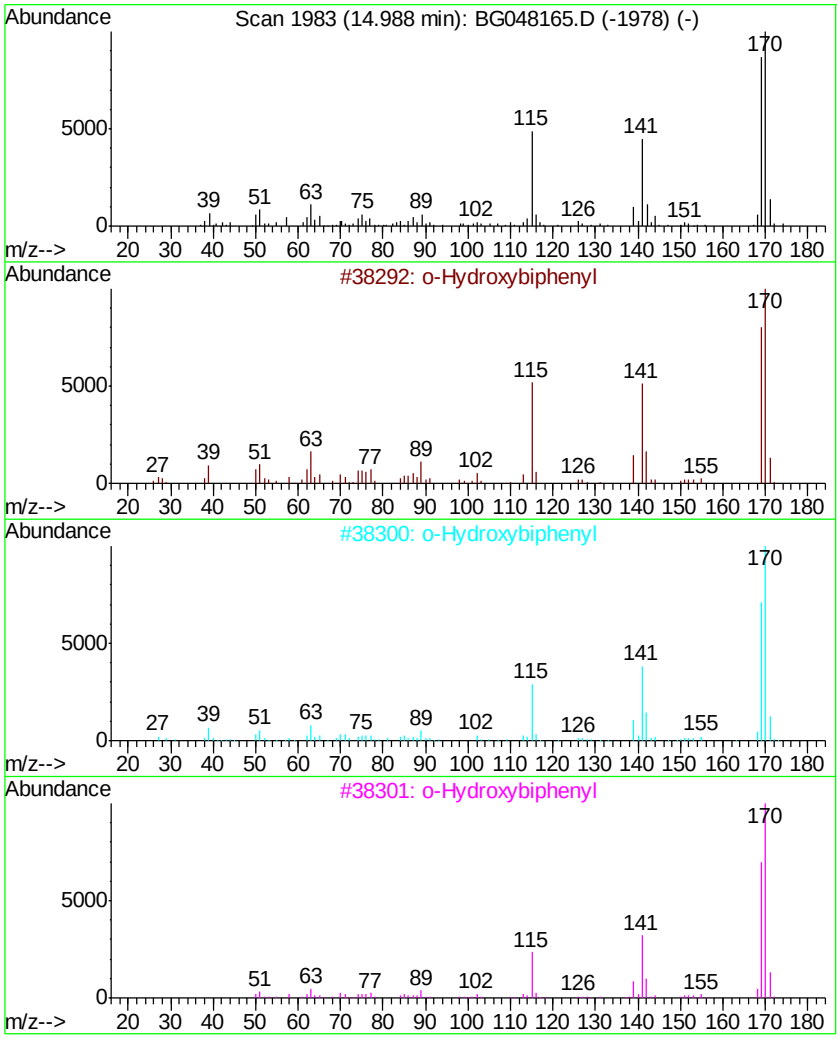
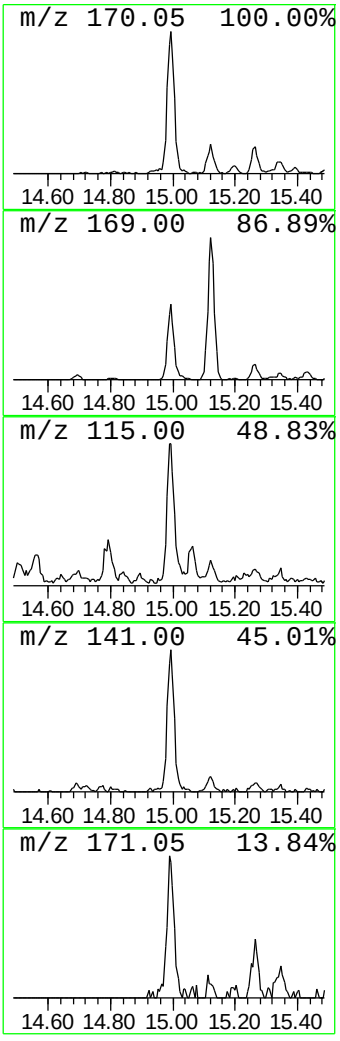
Peak Number 22 o-Hydroxybiphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	5.48 ng/ul	237917	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	87
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	74
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	62





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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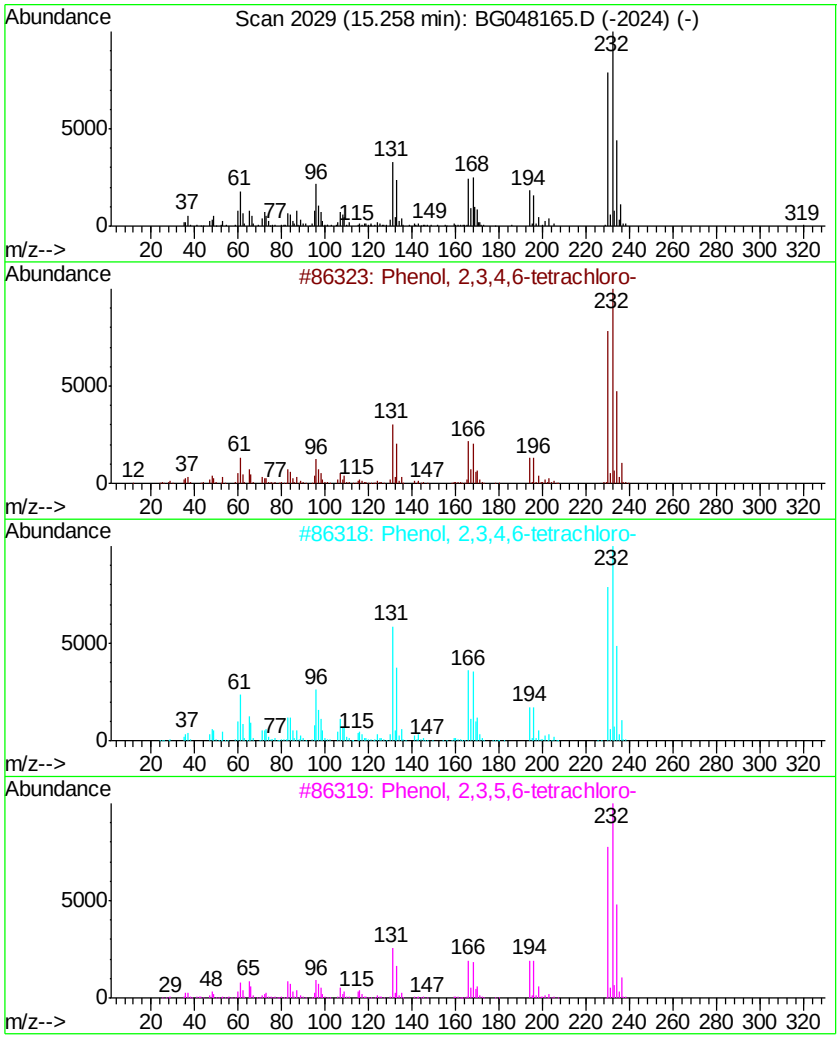
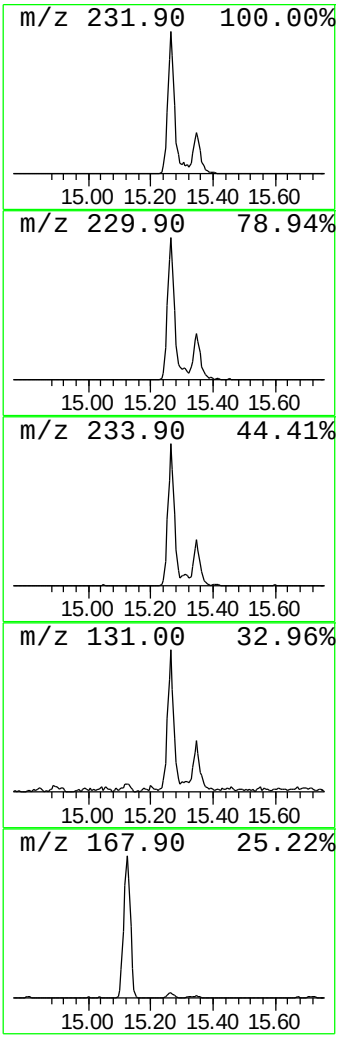
Peak Number 23 Phenol, 2,3,4,6-tetrachloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	12.74 ng/ul	553544	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
2	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
3	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	98
4	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	94
5	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	91





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Misc :
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ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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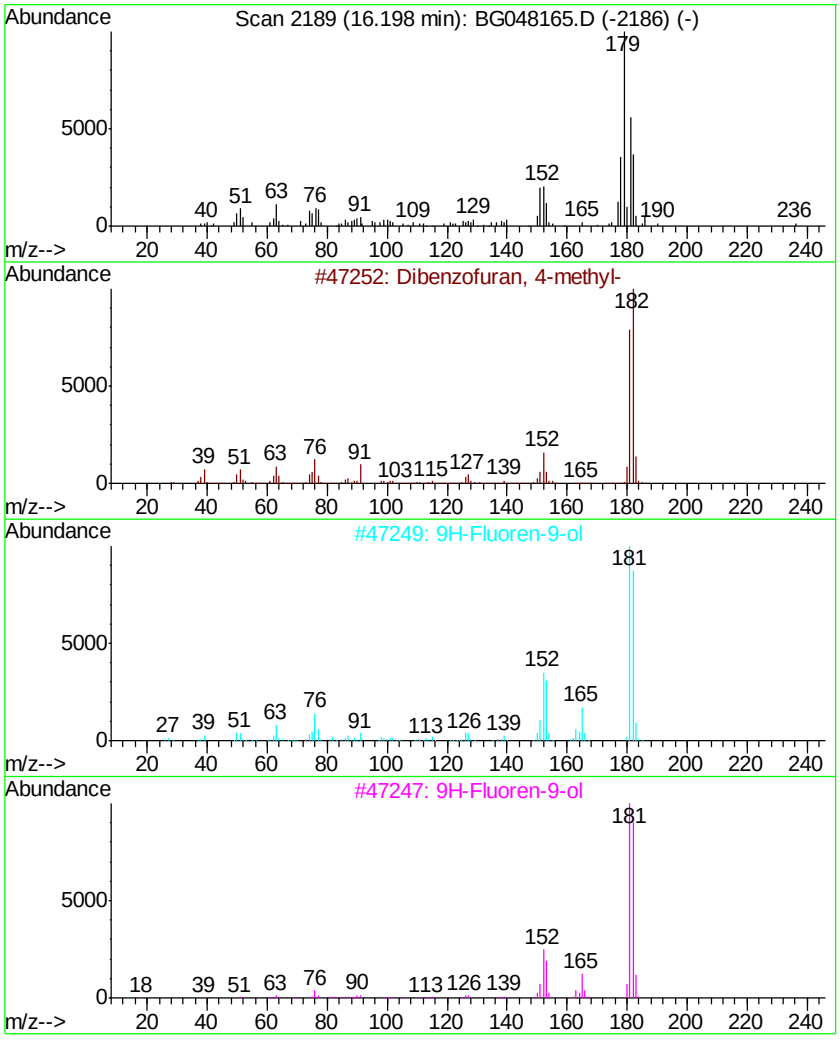
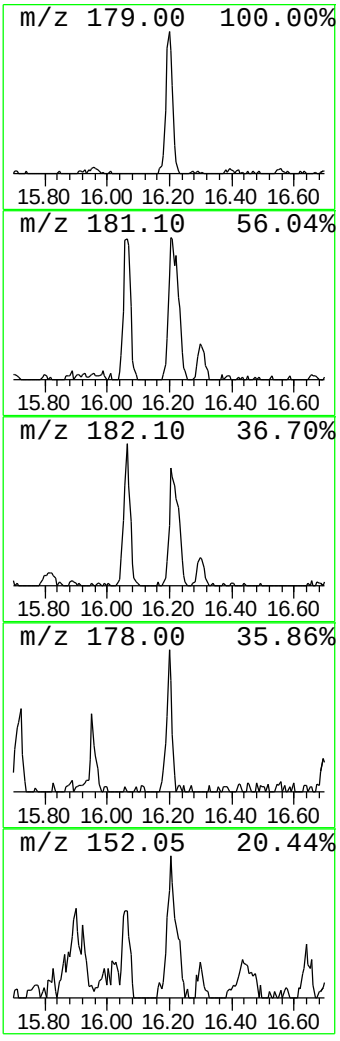
Peak Number 25 Dibenzofuran, 4-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	3.24 ng/ul	170855	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	78
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	46
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	46
4	Phenanthridine	179	C13H9N	000229-87-8	46
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	46





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ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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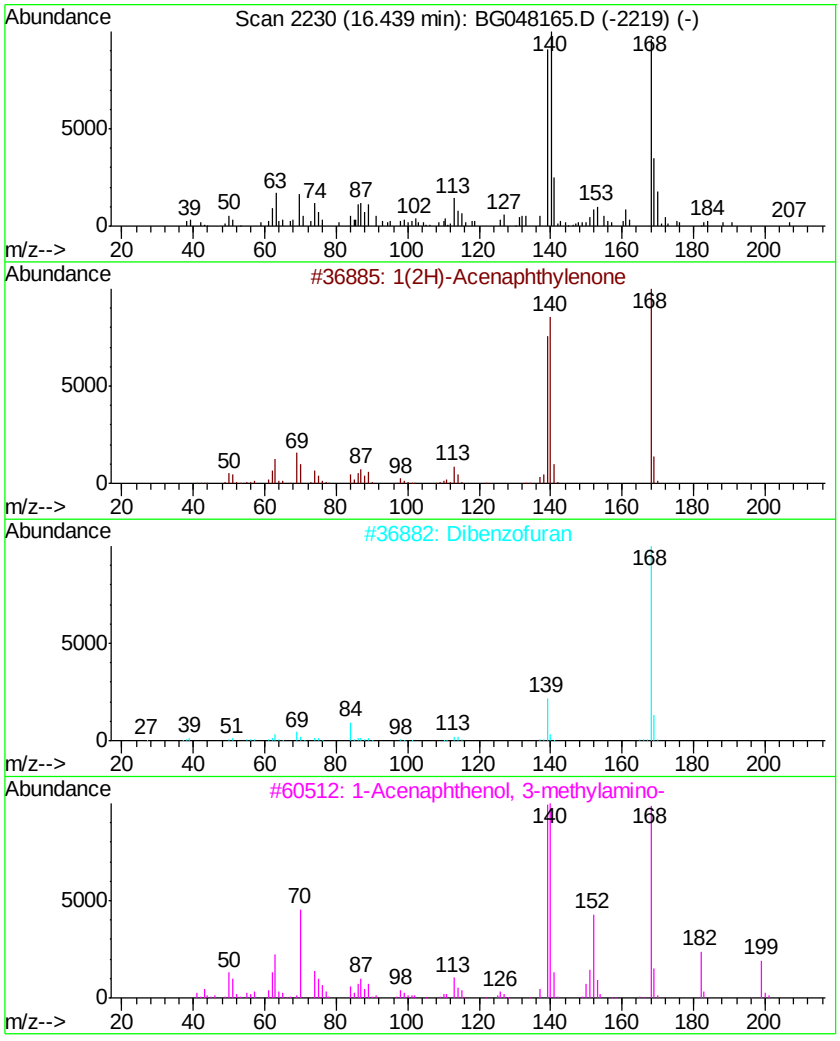
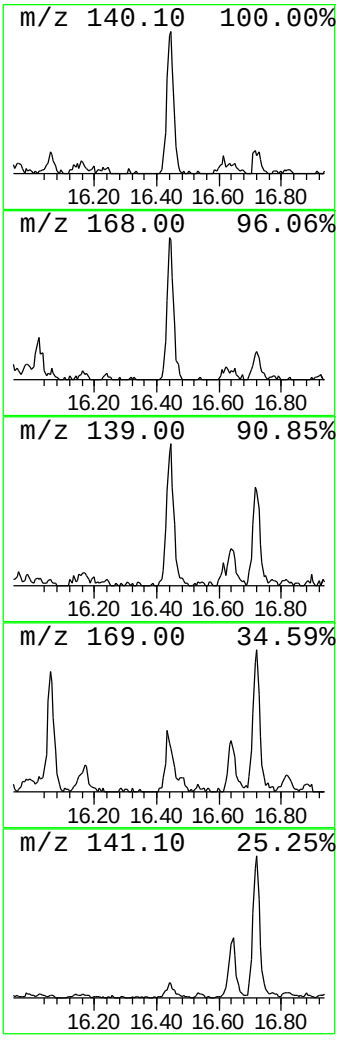
Peak Number 26 1(2H)-Acenaphthylenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	4.29 ng/ul	226158	Phenanthrene-d10	17.47

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	58
3	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	56
4	Cyclobuta[del]naphthalene	140	C11H8	024973-91-9	43
5	Benzenaldehyde, 2-fluoro-5-hydroxy-	140	C7H5FO2	103438-84-2	35





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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 3-Hydroxybiphenyl Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	4.42 ng/ul	232726	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	94
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90
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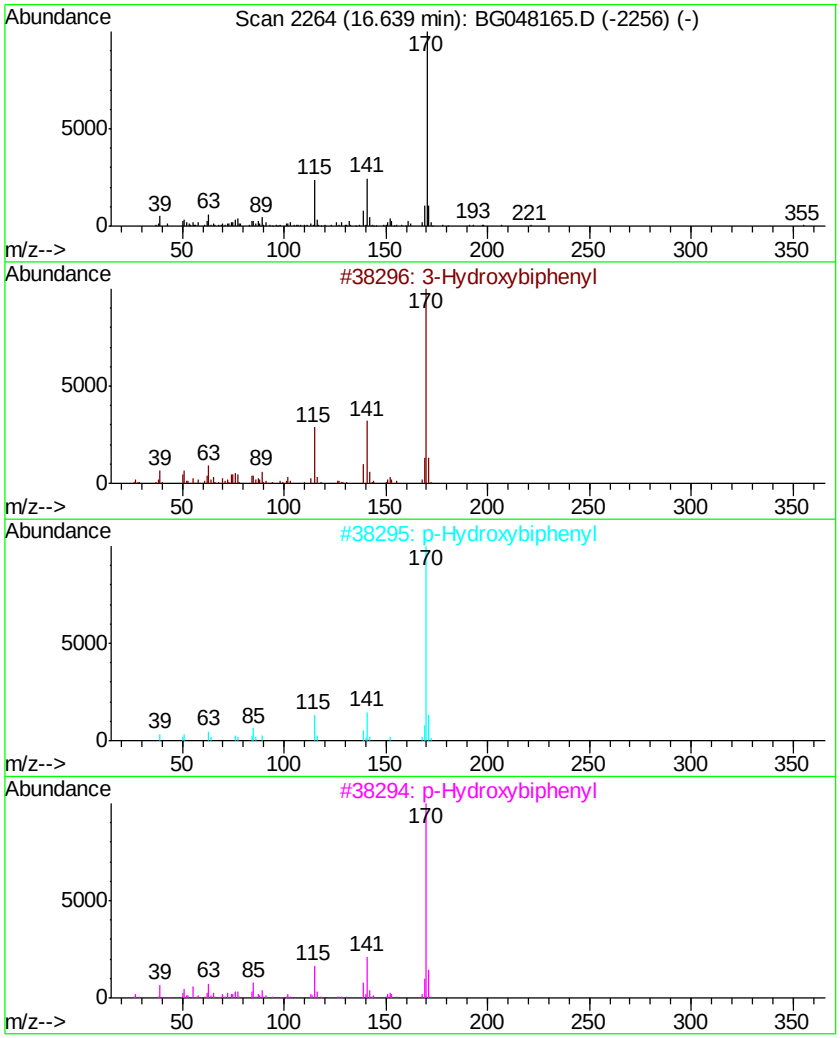

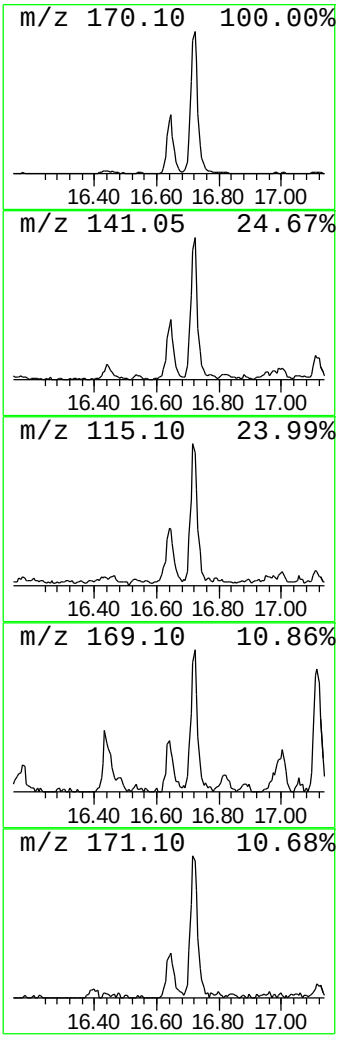

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Instrument : BNA_G
ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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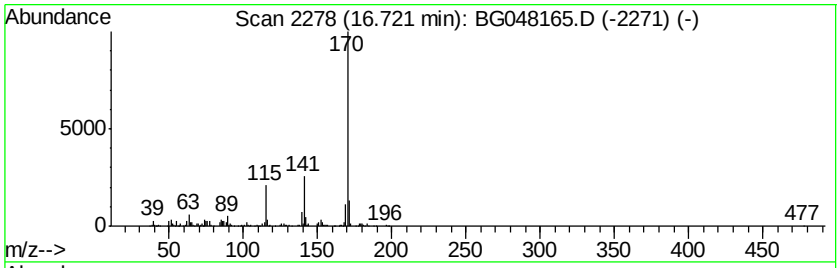
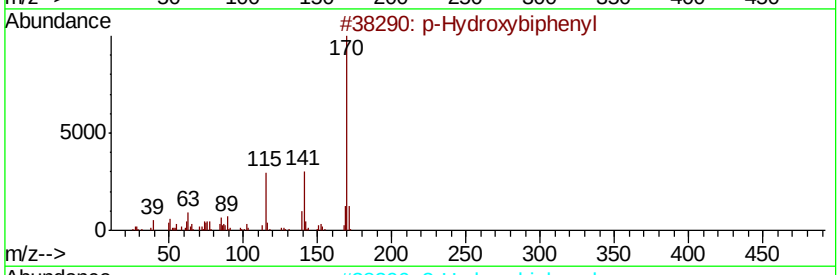
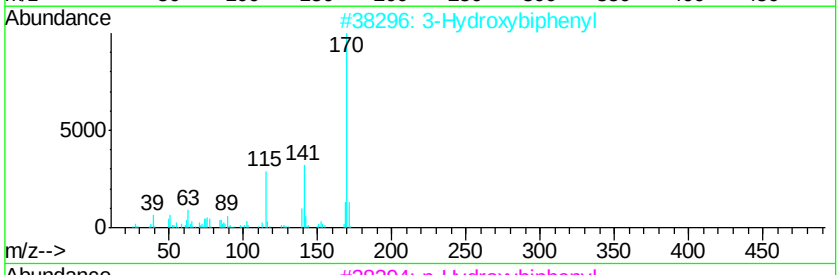
Peak Number 28 p-Hydroxybiphenyl Concentration Rank 7

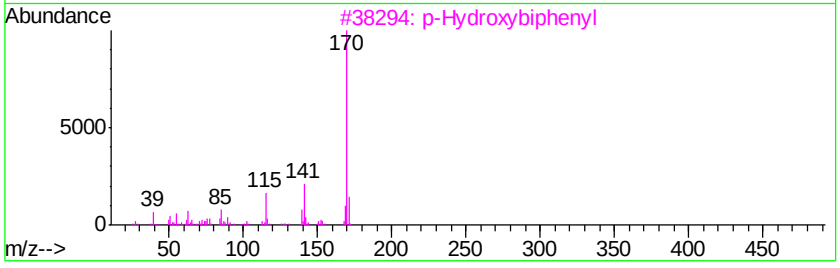
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	10.24 ng/ul	539542	Phenanthrene-d10	17.47

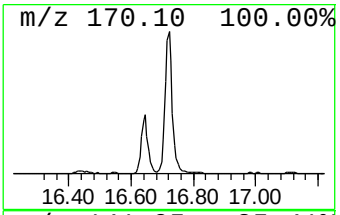
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	96
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	96
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94
4	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	90
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	90

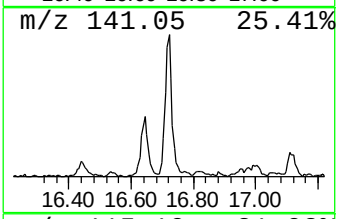


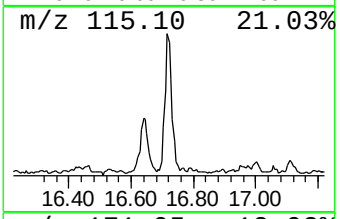


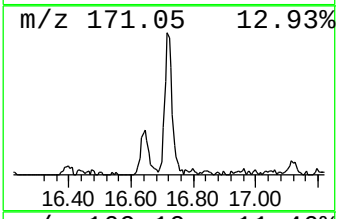


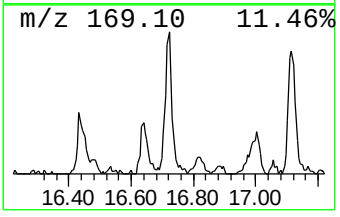












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Operator : CG/JU
Sample : M1407-08
Misc :
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Instrument : BNA_G
ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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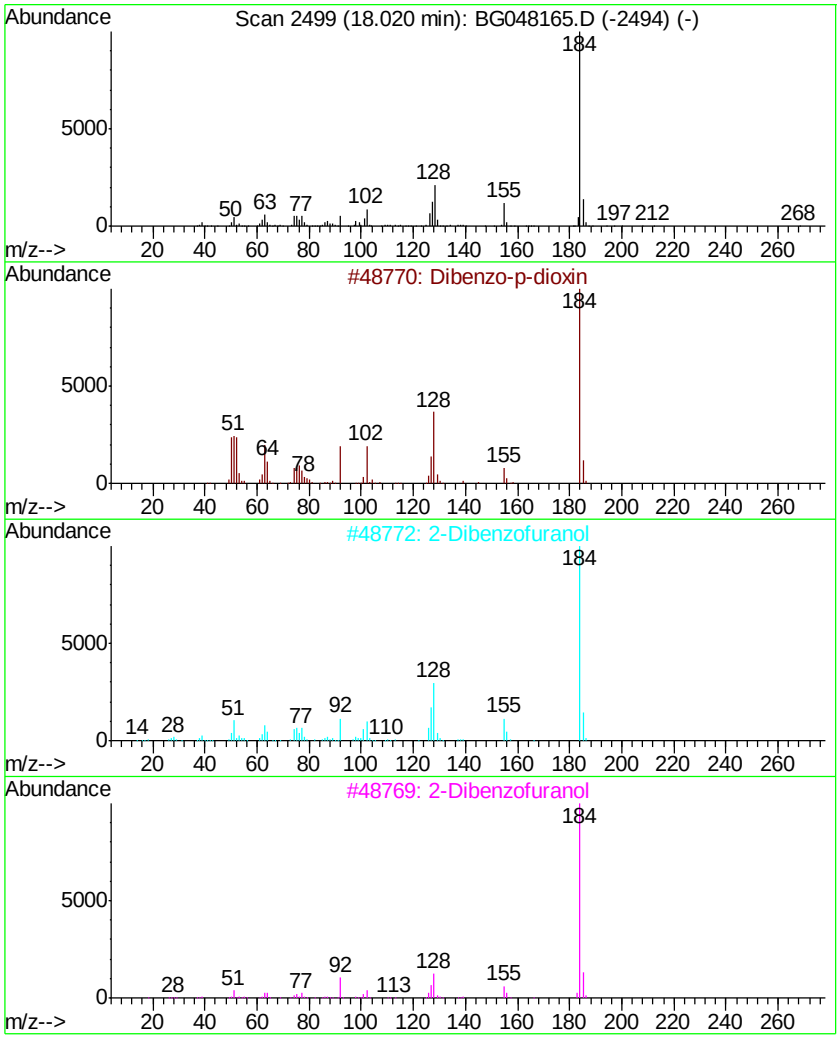
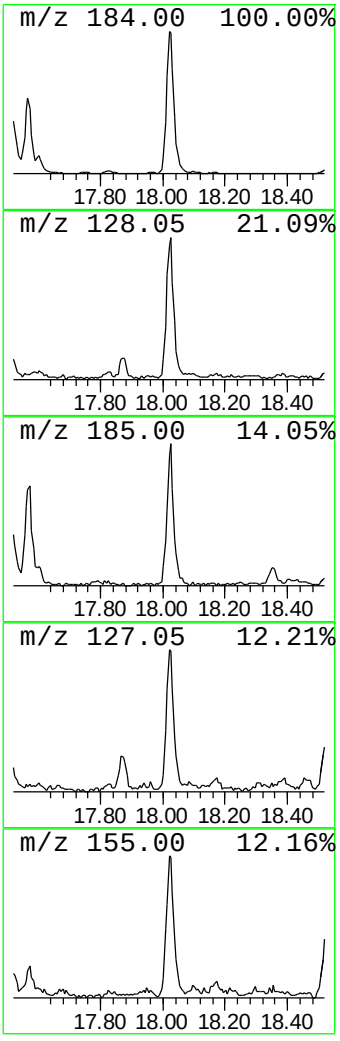
Peak Number 31 Dibenzo-p-dioxin Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	9.86 ng/ul	519813	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	86
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	80





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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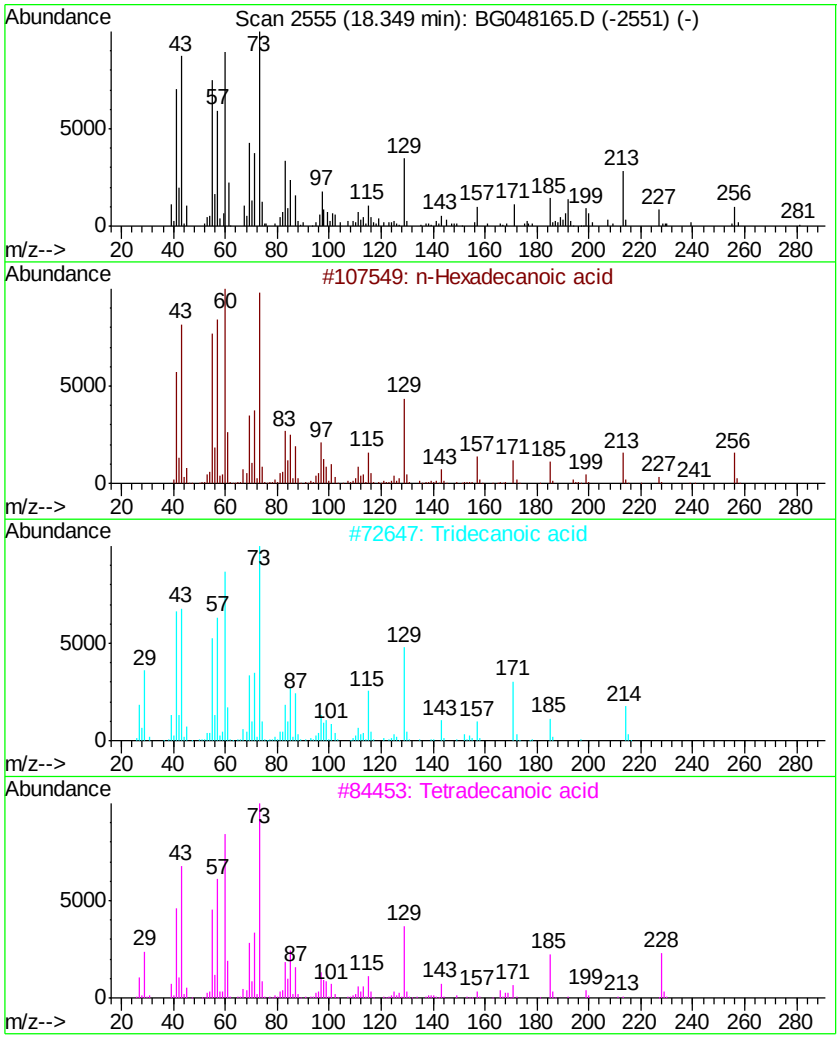
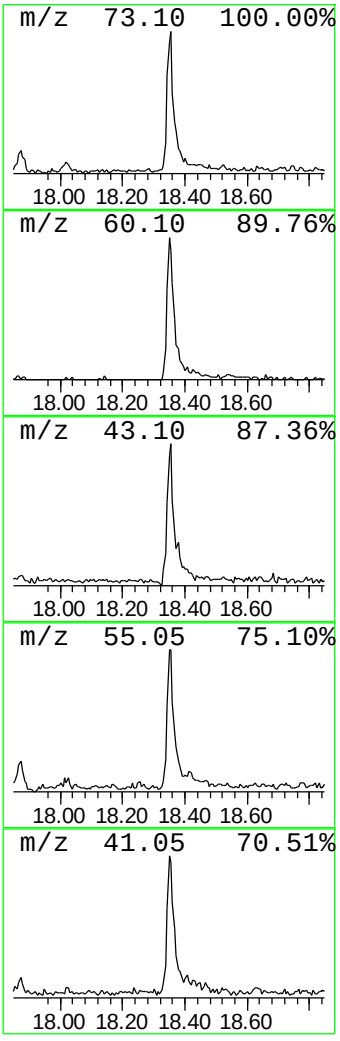
Peak Number 32 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	4.17 ng/ul	219676	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Dodecanoic acid	200	C12H24O2	000143-07-7	86





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ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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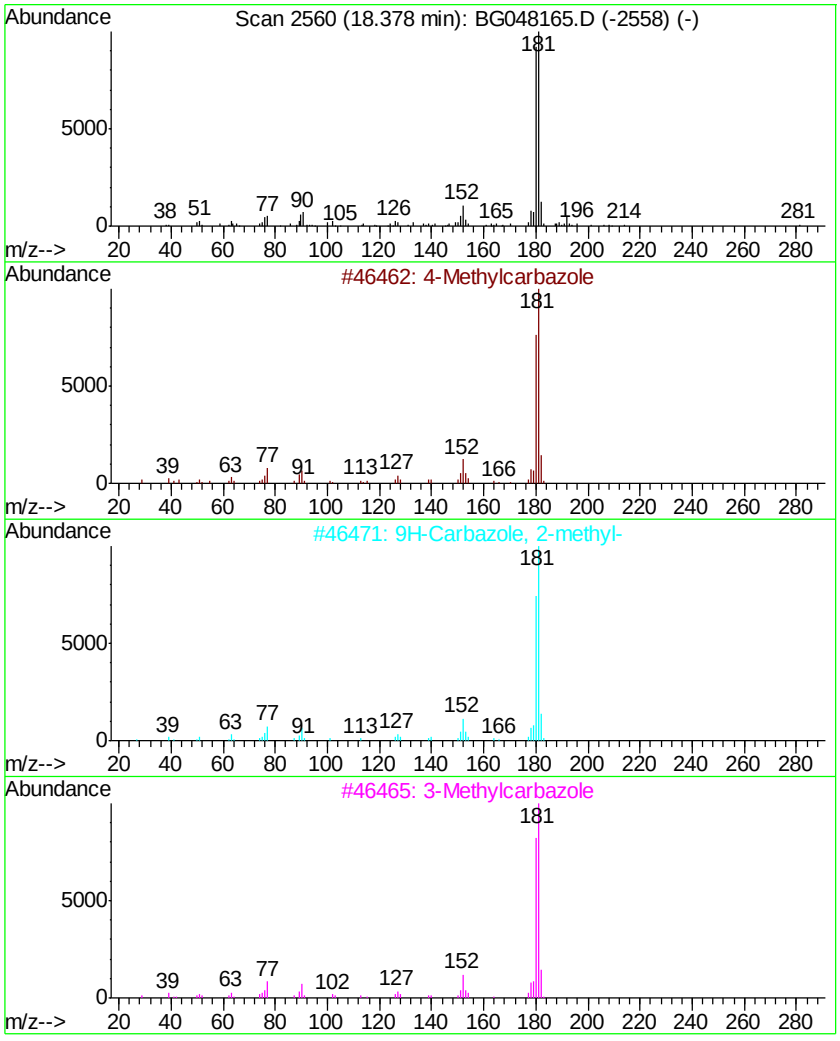
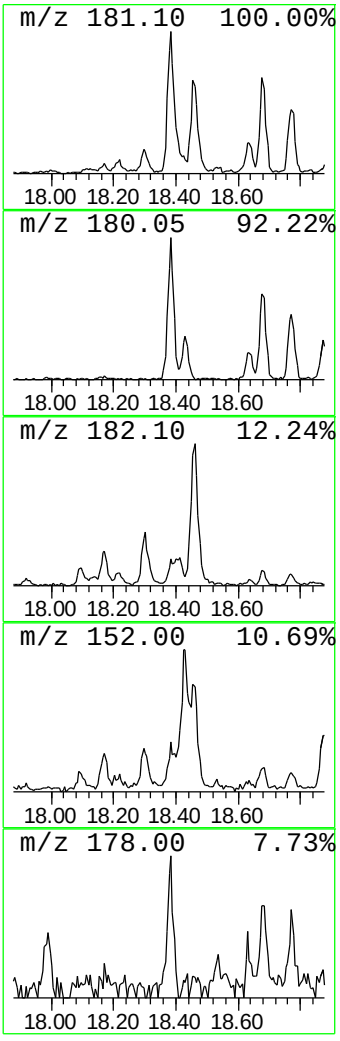
Peak Number 33 4-Methylcarbazole Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.27 ng/ul	172227	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	90
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	90
3	3-Methylcarbazole	181	C13H11N	004630-20-0	87
4	3-Methylcarbazole	181	C13H11N	004630-20-0	86
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	86





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ClientSampleId : DBGL0

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Quant Title : SVOA CALIBRATION

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

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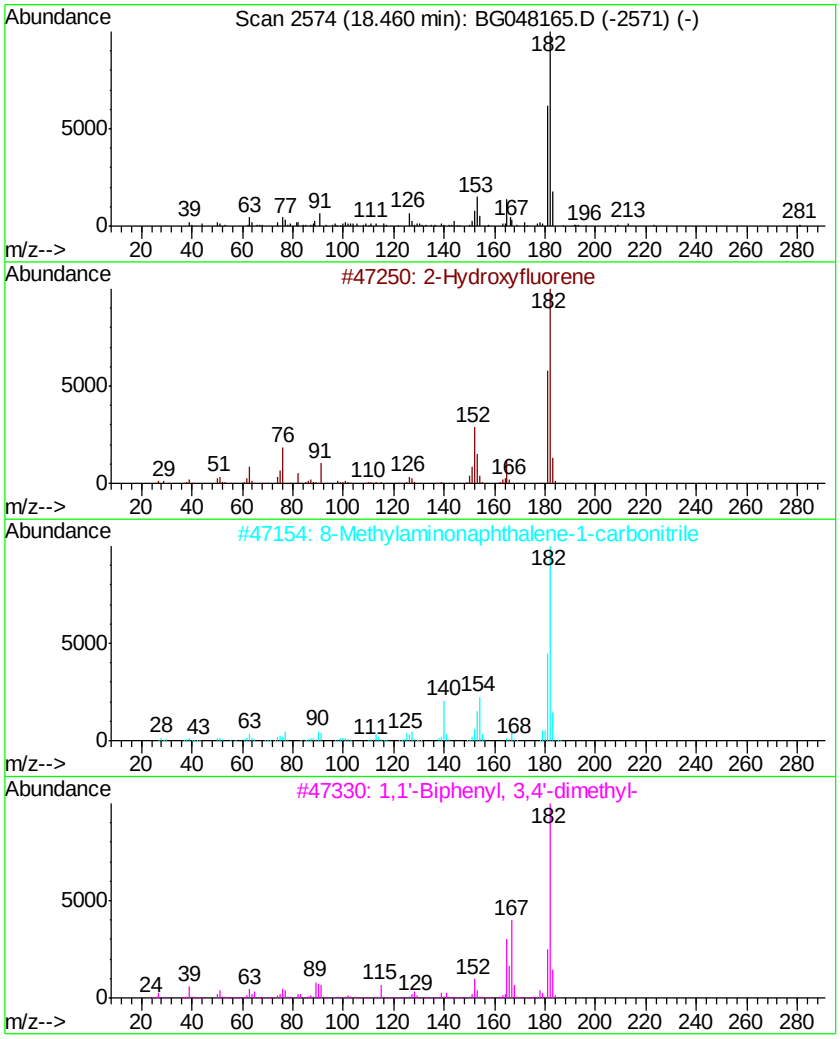
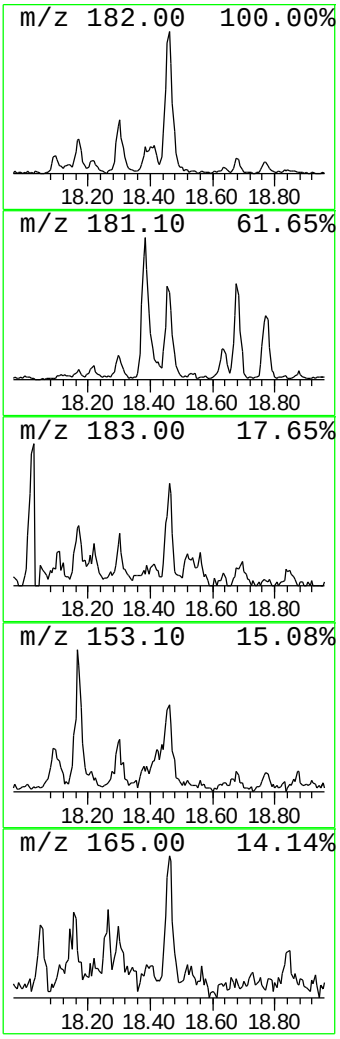
Peak Number 34 2-Hydroxyfluorene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	3.01 ng/ul	158802	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	83
2	8-Methylaminonaphthalene-1-carbo...	182	C12H10N2	1000187-15-2	72
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	53
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	53
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	50





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Data File : BG048165.D
Acq On : 16 Feb 2021 16:15
Operator : CG/JU
Sample : M1407-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL0

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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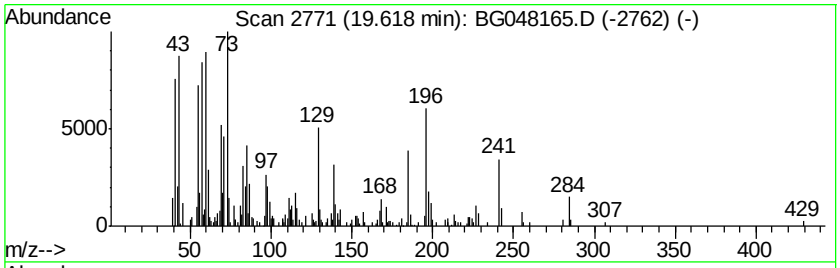
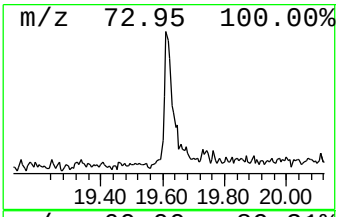
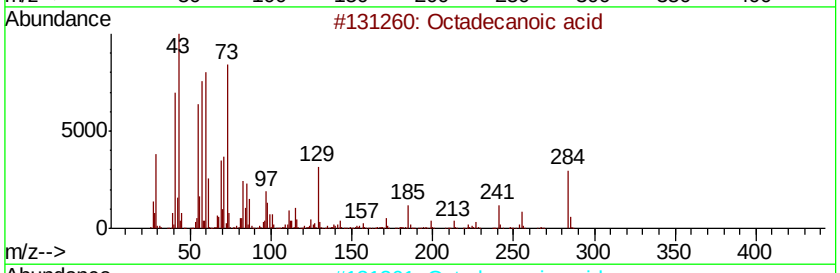
Peak Number 37 Octadecanoic acid Concentration Rank 13

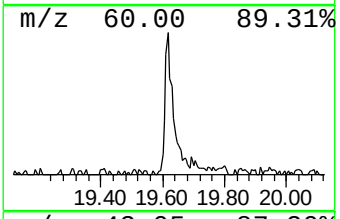
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	4.72 ng/ul	274493	Chrysene-d12	21.74

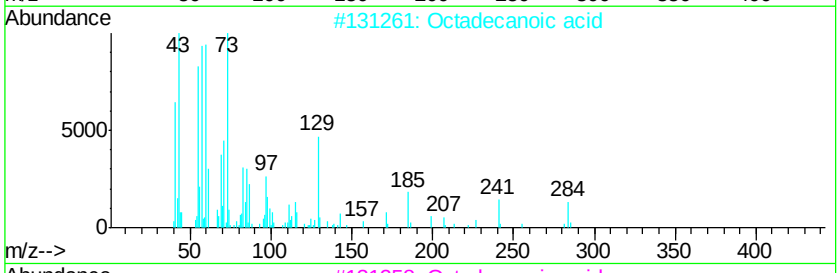
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	89
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	46

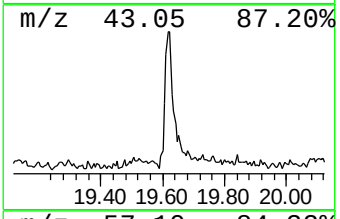


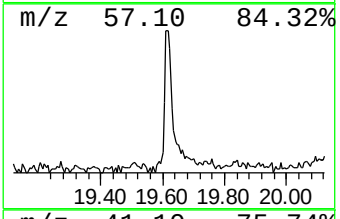


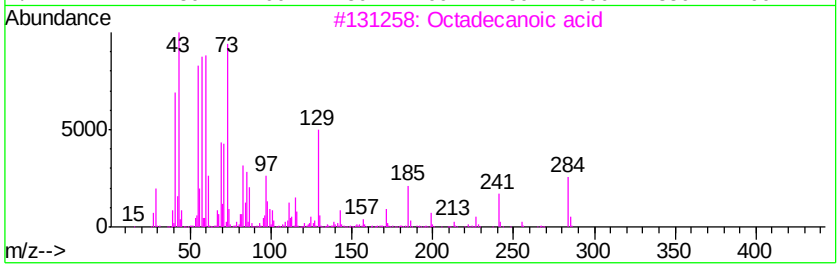


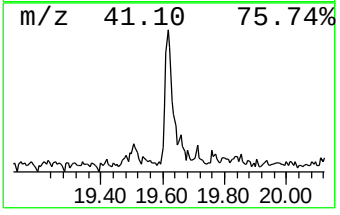












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048165.D
Acq On : 16 Feb 2021 16:15
Operator : CG/JU
Sample : M1407-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL0

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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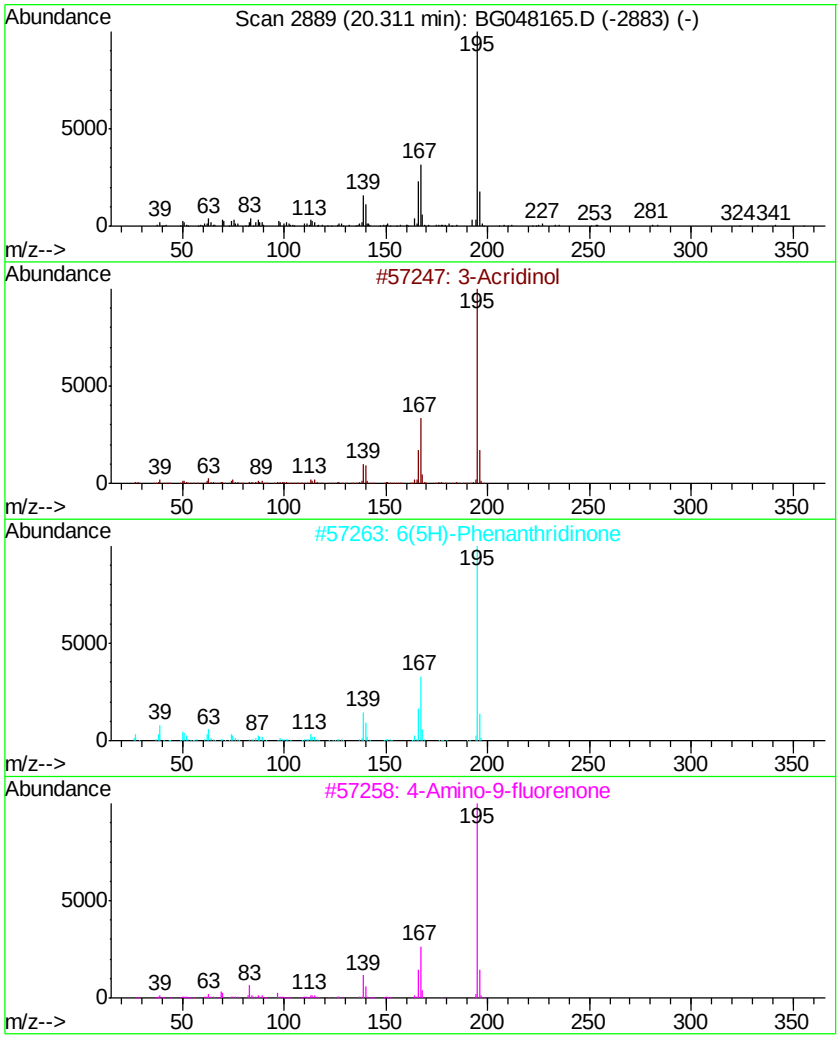
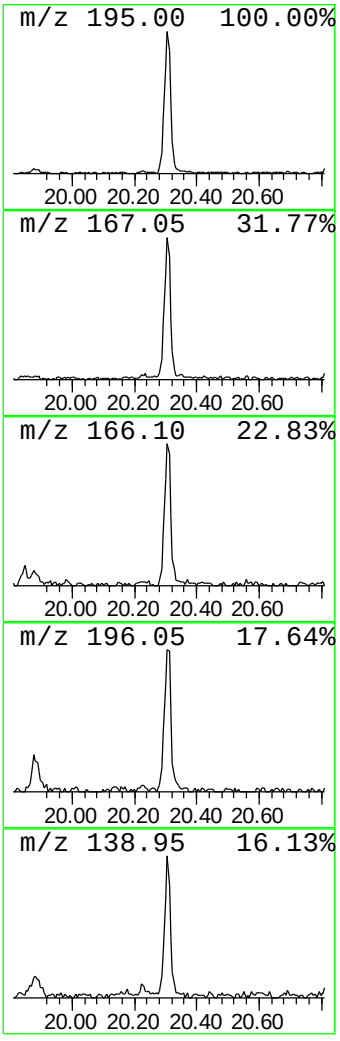
Peak Number 38 3-Acridinol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	4.14 ng/ul	240811	Chrysene-d12	21.74

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	94
3	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	91
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	91
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	91





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Sample : M1407-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL0

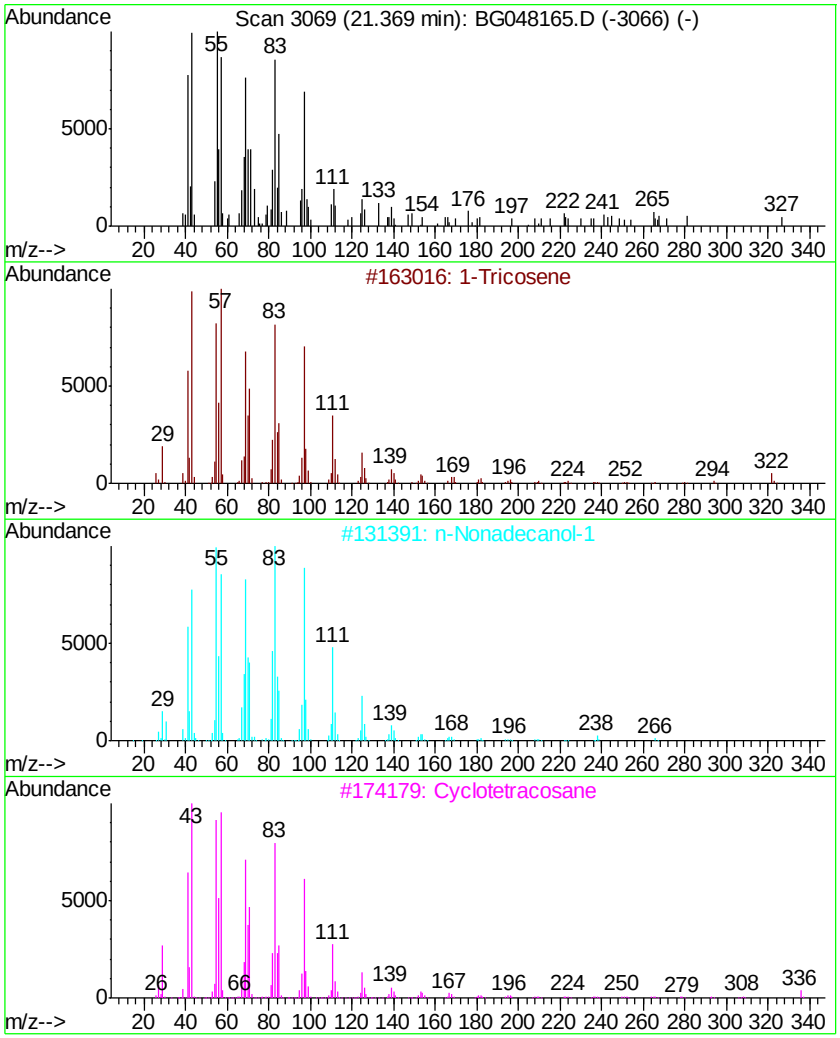
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

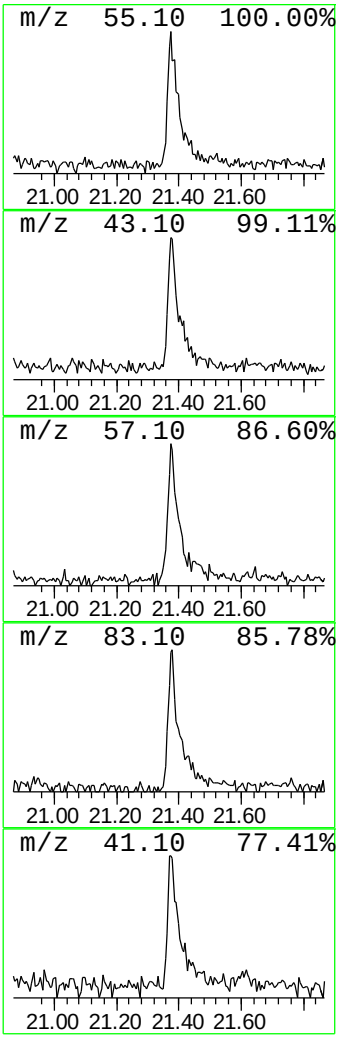
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.23 ng/ul	129750	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	81
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	81
3	Cyclotetracosane	336	C24H48	000297-03-0	81
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
5	1-Heneicosanol	312	C21H44O	015594-90-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021621\
Data File : BG048165.D
Acq On : 16 Feb 2021 16:15
Operator : CG/JU
Sample : M1407-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGL0

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...	6.11	4.0	ng/ul	74055	1	8.11	371933	20.0
Benzene, 1,2,3-tr...	7.75	2.7	ng/ul	50610	1	8.11	371933	20.0
Benzofuran	7.83	16.4	ng/ul	305987	1	8.11	371933	20.0
Benzene, 1-propynyl-	8.64	6.7	ng/ul	123939	1	8.11	371933	20.0
Benzonitrile, 4-m...	8.95	12.1	ng/ul	225068	1	8.11	371933	20.0
Benzofuran, 7-met...	9.46	4.0	ng/ul	75372	1	8.11	371933	20.0
3-Phenyl-2-propyn...	9.58	12.6	ng/ul	279047	2	10.92	443430	20.0
Benzofuran, 2-met...	9.65	2.9	ng/ul	64506	2	10.92	443430	20.0
Benzo[c]thiophene	11.09	59.7	ng/ul	1323010	2	10.92	443430	20.0
Phenol, 2,4,6-tri...	11.92	3.0	ng/ul	67437	2	10.92	443430	20.0
Phenol, 2,3,6-tri...	11.98	2.8	ng/ul	61748	2	10.92	443430	20.0
3-Methylbenzothio...	12.46	5.3	ng/ul	116516	2	10.92	443430	20.0
Benzo[b]thiophene...	12.68	3.4	ng/ul	76303	2	10.92	443430	20.0
Naphthalene, 1-me...	12.78	53.5	ng/ul	1186160	2	10.92	443430	20.0
Naphthalene, 1-et...	13.76	3.4	ng/ul	145613	3	14.73	868649	20.0
Naphthalene, 1,7-...	13.89	8.7	ng/ul	379235	3	14.73	868649	20.0
Naphthalene, 1,6-...	14.05	4.6	ng/ul	200066	3	14.73	868649	20.0
o-Hydroxybiphenyl	14.99	5.5	ng/ul	237917	3	14.73	868649	20.0
Phenol, 2,3,4,6-t...	15.26	12.7	ng/ul	553544	3	14.73	868649	20.0
Dibenzofuran, 4-m...	16.20	3.2	ng/ul	170855	4	17.47	1054140	20.0
1(2H)-Acenaphthyl...	16.44	4.3	ng/ul	226158	4	17.47	1054140	20.0
3-Hydroxybiphenyl	16.64	4.4	ng/ul	232726	4	17.47	1054140	20.0
p-Hydroxybiphenyl	16.72	10.2	ng/ul	539542	4	17.47	1054140	20.0
Dibenzo-p-dioxin	18.02	9.9	ng/ul	519813	4	17.47	1054140	20.0
n-Hexadecanoic acid	18.35	4.2	ng/ul	219676	4	17.47	1054140	20.0
4-Methylcarbazole	18.38	3.3	ng/ul	172227	4	17.47	1054140	20.0
2-Hydroxyfluorene	18.46	3.0	ng/ul	158802	4	17.47	1054140	20.0
Octadecanoic acid	19.62	4.7	ng/ul	274493	5	21.74	1162980	20.0
3-Acridinol	20.31	4.1	ng/ul	240811	5	21.74	1162980	20.0
(DEL) Alkane: Str...	21.37	2.2	ng/ul	129750	5	21.74	1162980	20.0