LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

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-BG120720MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.520	27	31	35	rBV3	9386	13806	1.01%	0.075%
2	4.201	142	147	148	rBV2	3268	3910	0.29%	0.021%
3	4.301	158	164	171	rBV2	68383	120209	8.78%	0.650%
4	4.654	220	224	233	rVB5	6452	15672	1.15%	0.085%
5	5.664	394	396	400	rVB2	4336	5064	0.37%	0.027%
6	5.800	414	419	427	rBV3	6183	13864	1.01%	0.075%
7	6.176	476	483	488	rBV4	10892	18219	1.33%	0.099%
8	7.333	673	680	687	rVV	205820	373963	27.33%	2.022%
9	7.509	703	710	717	rBV	124921	213129	15.57%	1.152%
10	7.721	738	746	755	rVB	214871	373356	27.28%	2.019%
11	7.803	755	760	764	rVV3	9675	13415	0.98%	0.073%
12	7.838	764	766	771	rVB2	6137	6897	0.50%	0.037%
13	8.197	818	827	835	rVB	122561	208506	15.24%	1.127%
14	8.326	842	849	852	rBV2	3770	6266	0.46%	0.034%
15	8.843	933	937	939	rBV2	3808	4104	0.30%	0.022%
16	8.896	939	946	953	rVV2	244058	436241	31.88%	2.359%
17	9.366	1019	1026	1032	rVV	211466	368583	26.93%	1.993%
18	9.425	1034	1036	1042	rVB2	7613	9349	0.68%	0.051%
19	9.519	1048	1052	1057	rVB3	3536	5055	0.37%	0.027%
20	9.765	1088	1094	1100	rBV4	22589	34980	2.56%	0.189%
21	10.095	1142	1150	1158	rBV	195472	365156	26.68%	1.974%
22	10.635	1233	1242	1250	rBV	281121	503450	36.79%	2.722%
23	10.982	1296	1301	1303	rBV	6419	10349	0.76%	0.056%
24	11.023	1303	1308	1313	rVV2	138937	259898	18.99%	1.405%
25	11.076	1313	1317	1323	rVV2	59506	99495	7.27%	0.538%
26	11.152	1323	1330	1336	rVV	221479	412621	30.15%	2.231%
27	12.409	1541	1544	1550	rVB	6104	9162	0.67%	0.050%
28	12.597	1574	1576	1580	rVV	5092	5957	0.44%	0.032%
29	12.668	1582	1588	1593	rVB2	41672	68810	5.03%	0.372%
30	12.880	1617	1624	1630	rVB3	24535	40409	2.95%	0.218%
31	13.637	1748	1753	1754	rBV2	7246	10008	0.73%	0.054%
32	13.661	1755	1757	1761	rVB	11269	11796	0.86%	0.064%
33	13.849	1785	1789	1798	rVB4	11503	24935	1.82%	0.135%
34	13.990	1805	1813	1814	rBV3	21693	34810	2.54%	0.188%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

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-BG120720MA.M
Title : SVOA CALIBRATION

35	14.137	1829	1838	1844	rBV4	24929	52255	3.82%	0.283%
36	14.213	1844	1851	1857	rVV	472577	701995	51.30%	3.796%
37	14.266	1857	1860	1861	rVV2	3143	3805	0.28%	0.021%
38	14.384	1874	1880	1883	rBV3	15051	22371	1.63%	0.121%
39	14.519	1895	1903	1914	rVB	485805	797276	58.26%	4.311%
40	14.695	1928	1933	1936	rBV3	7689	10254	0.75%	0.055%
41	14.818	1949	1954	1960	rVB2	219421	351221	25.67%	1.899%
42	14.883	1960	1965	1972	rVB2	52790	92293	6.74%	0.499%
43	14.942	1972	1975	1977	rBV2	3912	4686	0.34%	0.025%
44	14.989	1977	1983	1998	rVB	224181	389240	28.44%	2.105%
45	15.212	2016	2021	2028	rVB	62698	106236	7.76%	0.574%
46	15.283	2030	2033	2040	rVB2	14397	22194	1.62%	0.120%
47	15.429	2052	2058	2063	rBV3	11992	19129	1.40%	0.103%
48	15.482	2063	2067	2074	rBV4	17562	22765	1.66%	0.123%
49	15.600	2081	2087	2090	rBV4	11970	21946	1.60%	0.119%
50	15.635	2090	2093	2098	rVB5	13975	18810	1.37%	0.102%
51	15.688	2098	2102	2105	rBV2	2963	4295	0.31%	0.023%
52	15.805	2115	2122	2128	rBV	592372	927957	67.81%	5.018%
53	15.858	2128	2131	2136	rVV	73601	110082	8.04%	0.595%
54	15.917	2136	2141	2148	rVB2	200877	303721	22.19%	1.642%
55	16.023	2155	2159	2160	rBV4	11074	12354	0.90%	0.067%
56	16.117	2172	2175	2176	rBV3	8522	7693	0.56%	0.042%
57	16.152	2177	2181	2187	rVB3	31453	54840	4.01%	0.297%
58	16.205	2187	2190	2192	rBV4	3382	3763	0.27%	0.020%
59	16.299	2202	2206	2212	rVB2	25751	46267	3.38%	0.250%
60	16.499	2237	2240	2242	rBV4	12351	16078	1.17%	0.087%
61	16.575	2252	2253	2255	rBV2	5695	4932	0.36%	0.027%
62	16.863	2291	2302	2305	rBV4	21274	52870	3.86%	0.286%
63	16.910	2307	2310	2317	rVB5	12936	22769	1.66%	0.123%
64	17.004	2324	2326	2332	rVB6	13656	18847	1.38%	0.102%
65	17.086	2332	2340	2343	rBV3	19241	42484	3.10%	0.230%
66	17.210	2356	2361	2367	rVB3	29598	47195	3.45%	0.255%
67	17.286	2371	2374	2381	rVV7	22580	39925	2.92%	0.216%
68	17.374	2386	2389	2397	rVB	49191	72889	5.33%	0.394%
69	17.451	2400	2402	2405	rVB4	5269	6139	0.45%	0.033%
70	17.498	2405	2410	2414	rBV2	48163	71706	5.24%	0.388%
71	17.556	2414	2420	2424	rBV	277148	471504	34.46%	2.550%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

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-BG120720MA.M
Title : SVOA CALIBRATION

72	17.603	2424	2428	2433	rVB	641578	931366	68.06%	5.036%
73	17.656	2433	2437	2441	rBV2	588628	893595	65.30%	4.832%
74	17.821	2462	2465	2466	rBV3	7616	8563	0.63%	0.046%
75	17.956	2483	2488	2491	rBV	43332	67944	4.97%	0.367%
76	18.073	2504	2508	2510	rBV3	17210	20430	1.49%	0.110%
77	18.132	2516	2518	2524	rVB3	17365	24879	1.82%	0.135%
78	18.273	2539	2542	2545	rBV4	15557	23294	1.70%	0.126%
79	18.426	2564	2568	2573	rBV	94858	145411	10.63%	0.786%
80	18.479	2573	2577	2583	rVB	141790	210474	15.38%	1.138%
81	18.555	2586	2590	2595	rVB2	47830	70306	5.14%	0.380%
82	18.626	2595	2602	2605	rBV3	131956	246713	18.03%	1.334%
83	18.708	2614	2616	2617	rBV2	13872	11699	0.85%	0.063%
84	18.919	2647	2652	2657	rBV	74981	99892	7.30%	0.540%
85	19.249	2706	2708	2713	rVB2	30661	34334	2.51%	0.186%
86	19.331	2717	2722	2726	rBV2	69639	109660	8.01%	0.593%
87	19.472	2742	2746	2754	rBV8	38389	72106	5.27%	0.390%
88	19.595	2761	2767	2773	rBV	904729	1274639	93.15%	6.892%
89	19.930	2817	2824	2826	rBV2	862460	1368421	100.00%	7.399%
90	20.024	2837	2840	2845	rVB3	64499	81003	5.92%	0.438%
91	20.283	2878	2884	2889	rVB2	61999	139817	10.22%	0.756%
92	20.435	2908	2910	2916	rVB	137630	189665	13.86%	1.026%
93	20.535	2924	2927	2931	rBV	94431	120914	8.84%	0.654%
94	20.735	2959	2961	2965	rVB	36144	37058	2.71%	0.200%
95	21.440	3078	3081	3086	rVB2	82048	109865	8.03%	0.594%
96	21.816	3139	3145	3152	rBV2	406503	1092234	79.82%	5.906%
97	21.881	3153	3156	3162	rVB	281186	433573	31.68%	2.344%
98	24.113	3530	3536	3544	rBV3	152452	481088	35.16%	2.601%
99	24.954	3672	3679	3687	rBV	288796	731429	53.45%	3.955%
100	25.189	3712	3719	3727	rVB2	149787	387253	28.30%	2.094%

Sum of corrected areas: 18493855

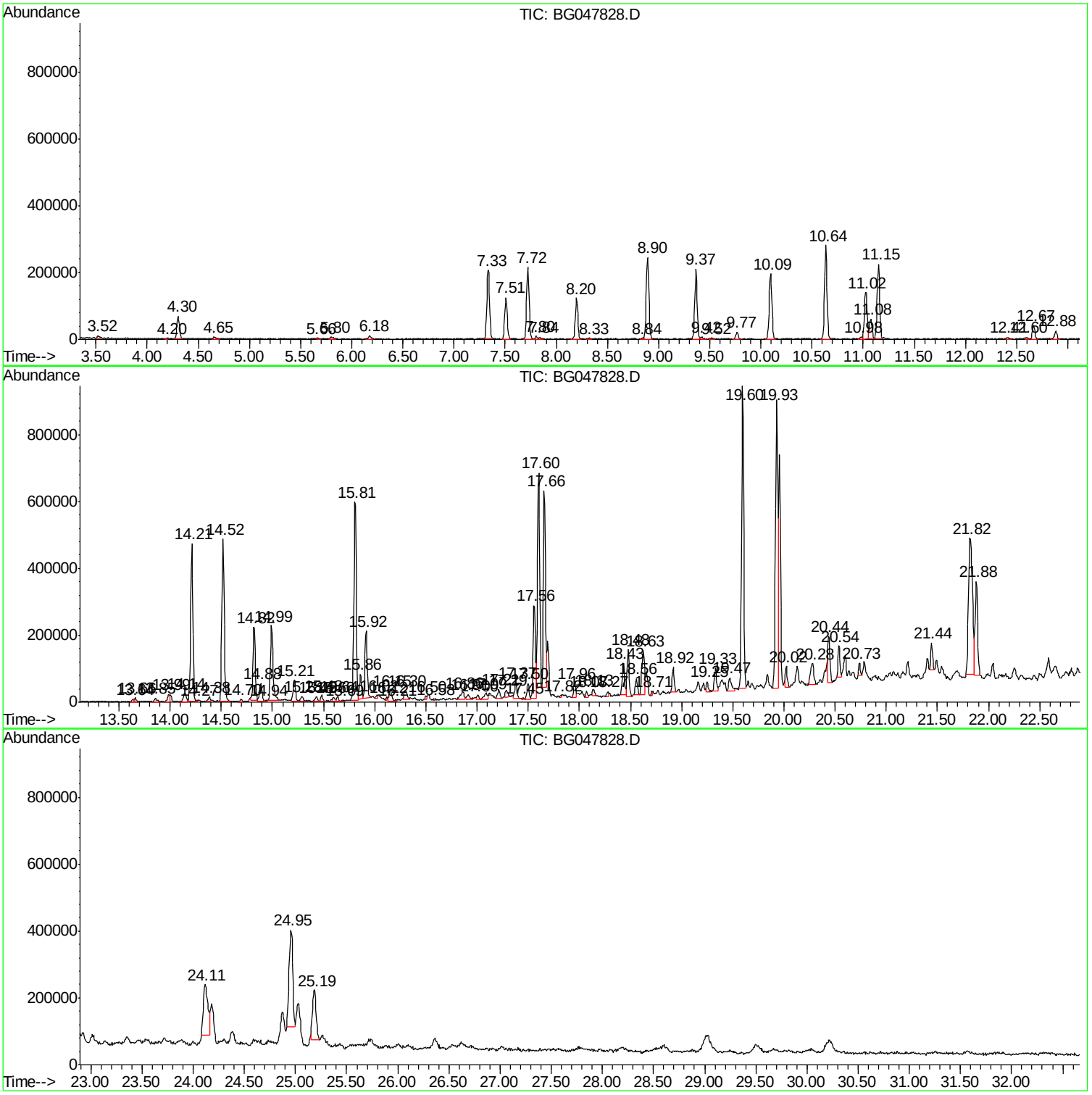
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.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\BG122320\
Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

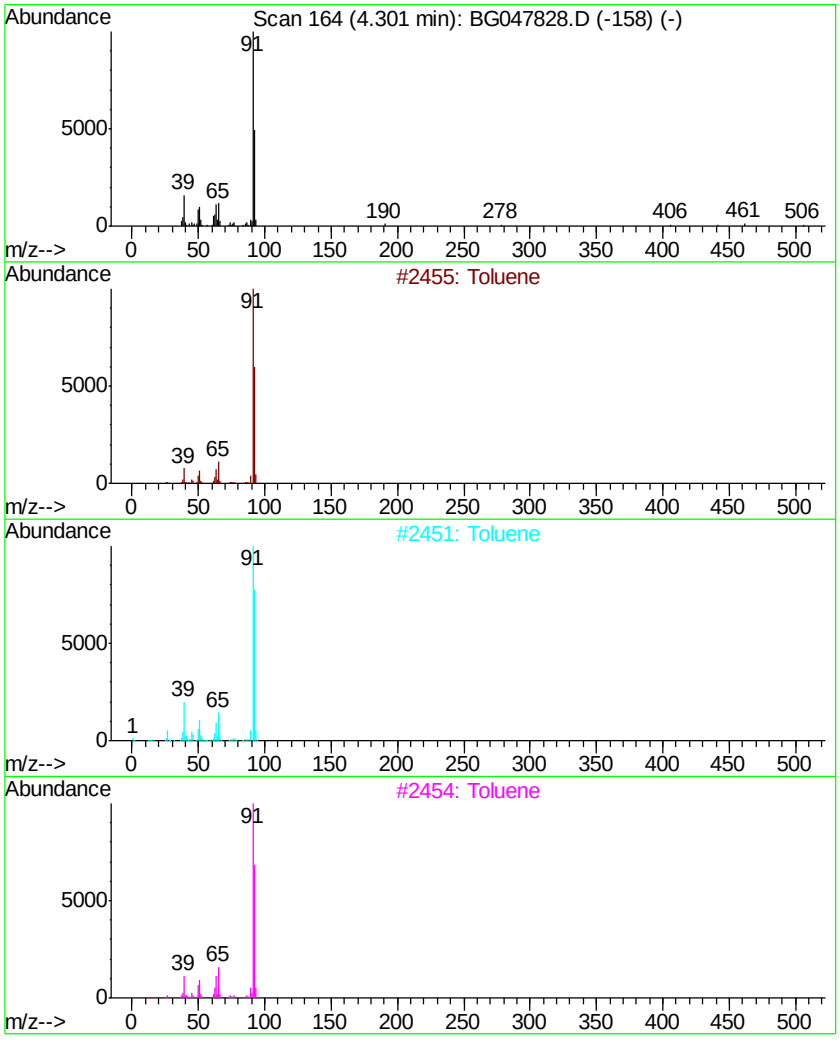
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

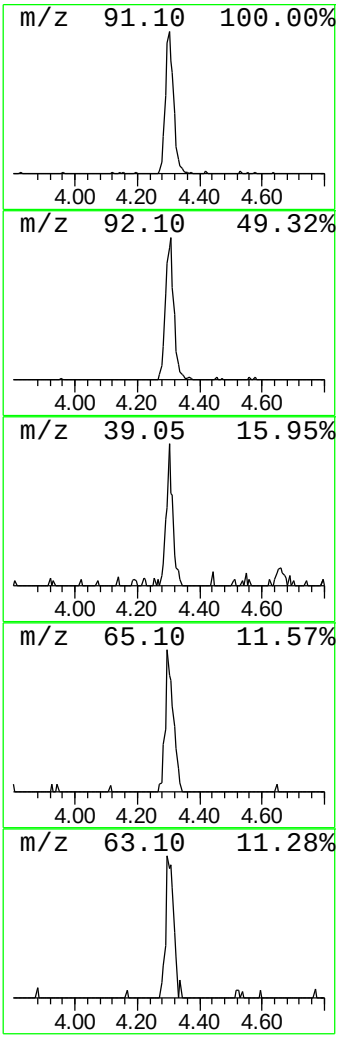
****

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	11.53 ng/ul	120209	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	80
2	Toluene	92	C7H8	000108-88-3	68
3	Toluene	92	C7H8	000108-88-3	64
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	64
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

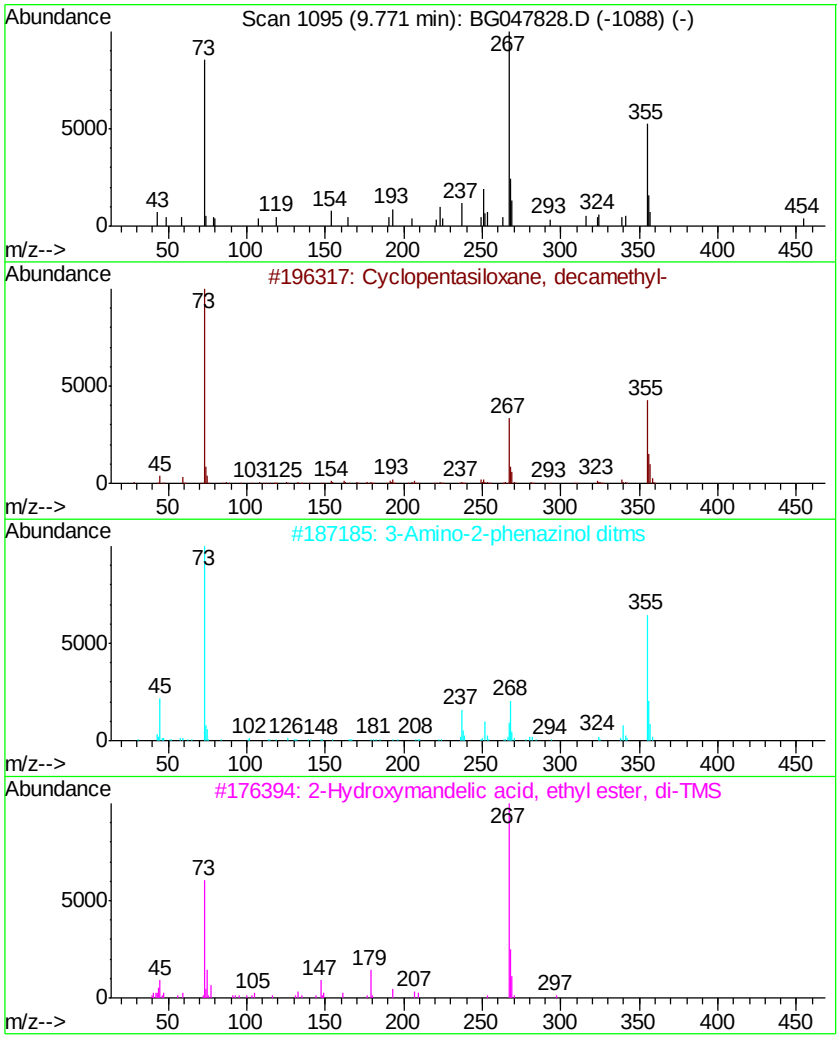
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

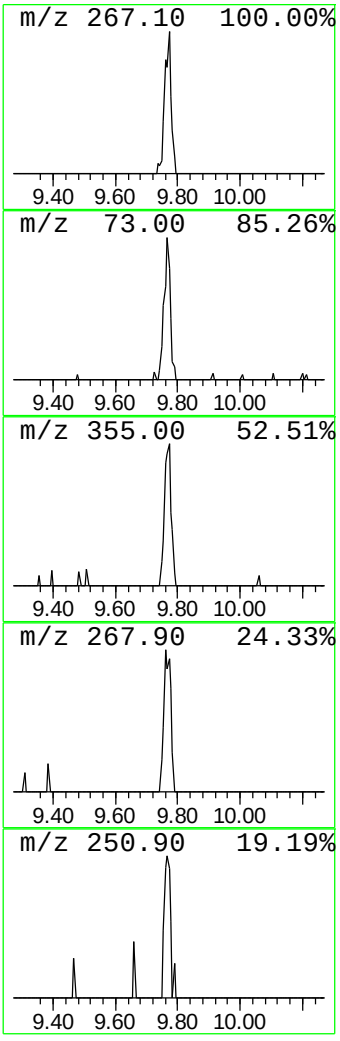
****

Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.69 ng/ul	34980	Naphthalene-d8	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	3-Amino-2-phenazinol ditms	355	C18H25N3OSi2	1000332-15-5	52
3	2-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-88-8	35
4	2-Hydrazino-4,6-dimethylpyrimidi...	282	C12H26N4Si2	1000332-01-7	28
5	N-(1-Methyl-2-benzoylethylidene)...	267	C17H17NO2	039137-44-5	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

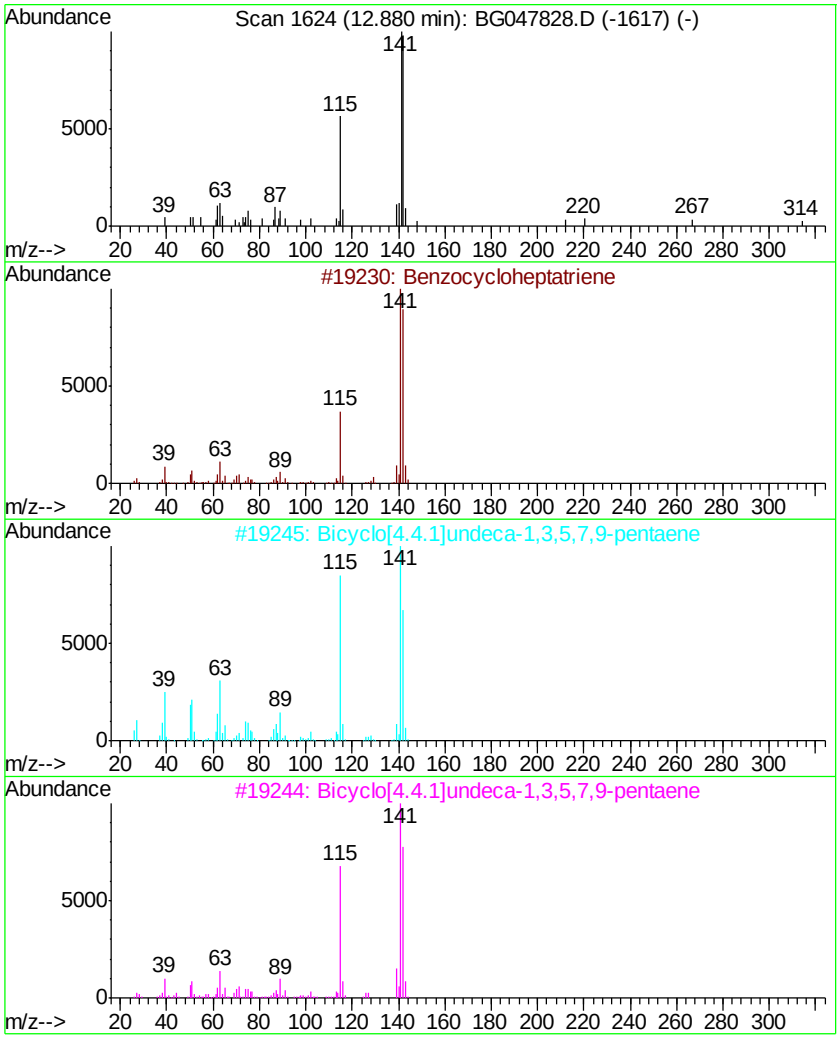
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

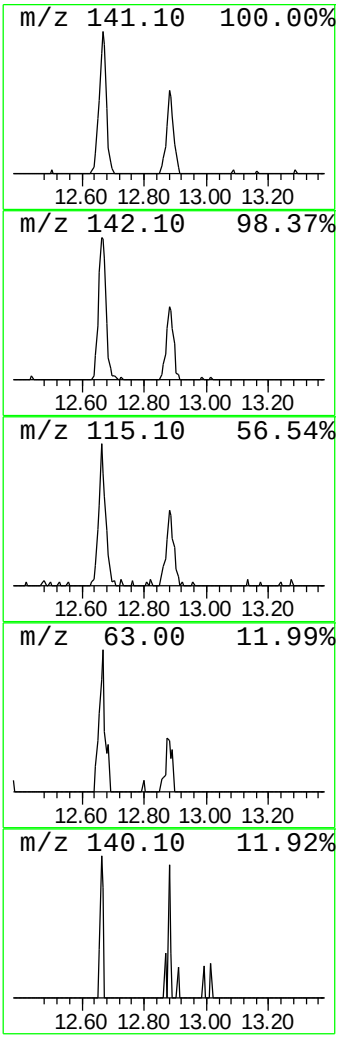
****

Peak Number 3 Benzocycloheptatriene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	3.11 ng/ul	40409	Naphthalene-d8	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	90
2	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	86
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	83
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

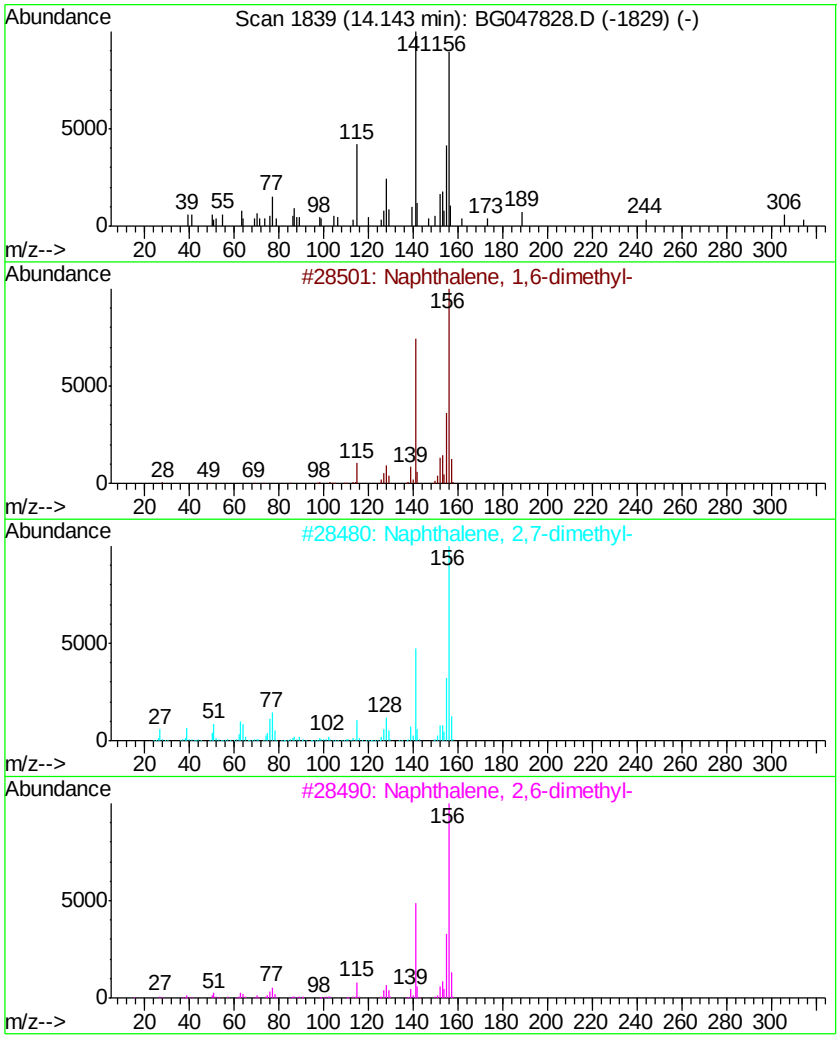
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

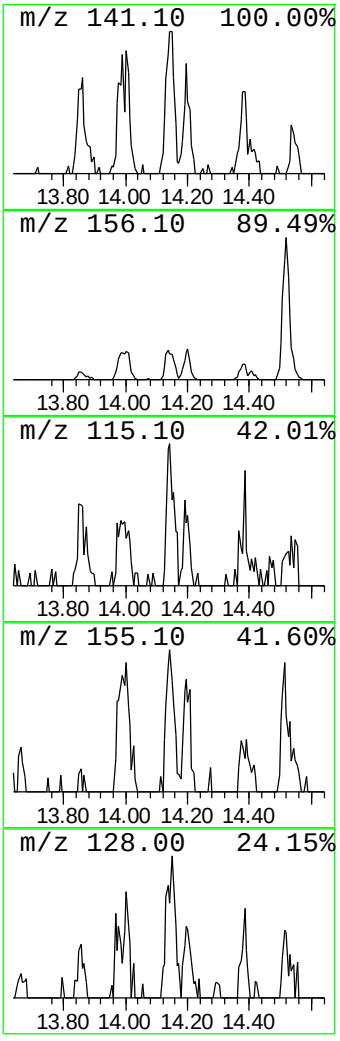
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	2.98 ng/ul	52255	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	87
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	86
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	76
5	1-Phenyl-3-methylpenta-1,2,4-triene	156	C12H12	093247-38-2	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

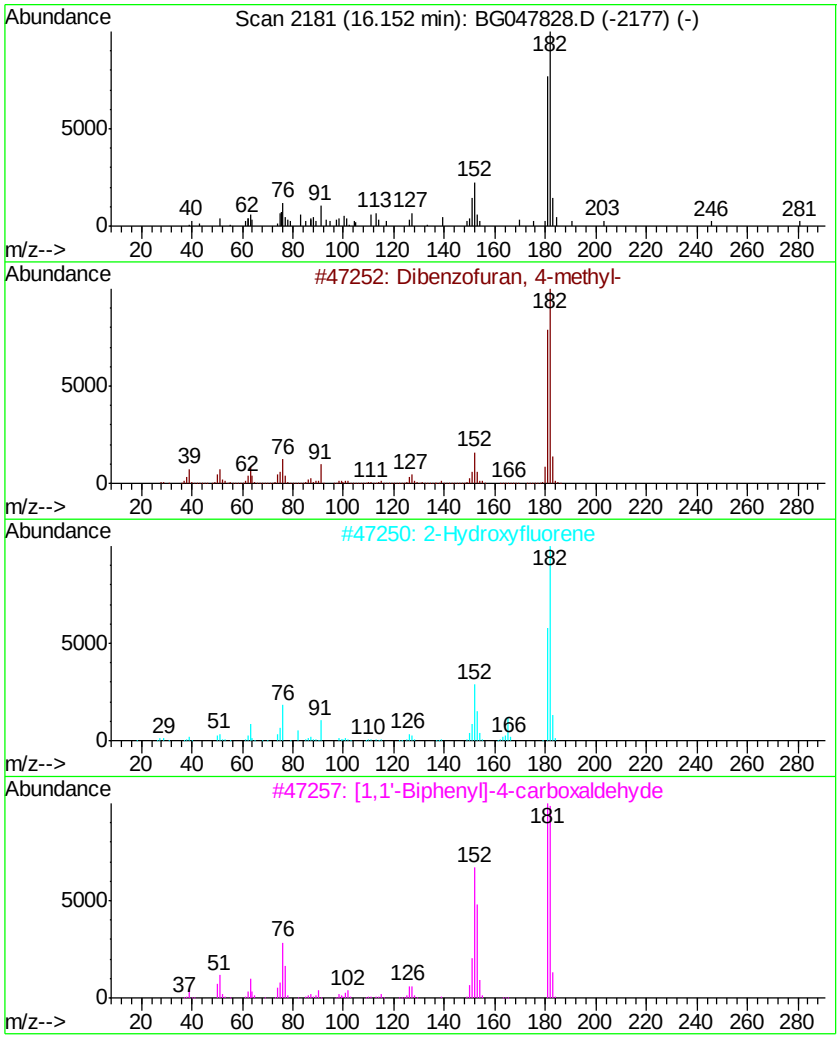
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

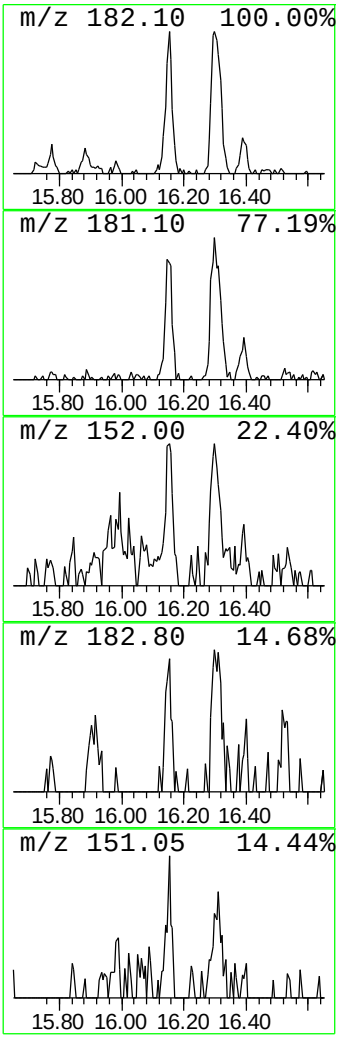
****

Peak Number 5 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	3.12 ng/ul	54840	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	64





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Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

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Quant Title : SVOA CALIBRATION

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

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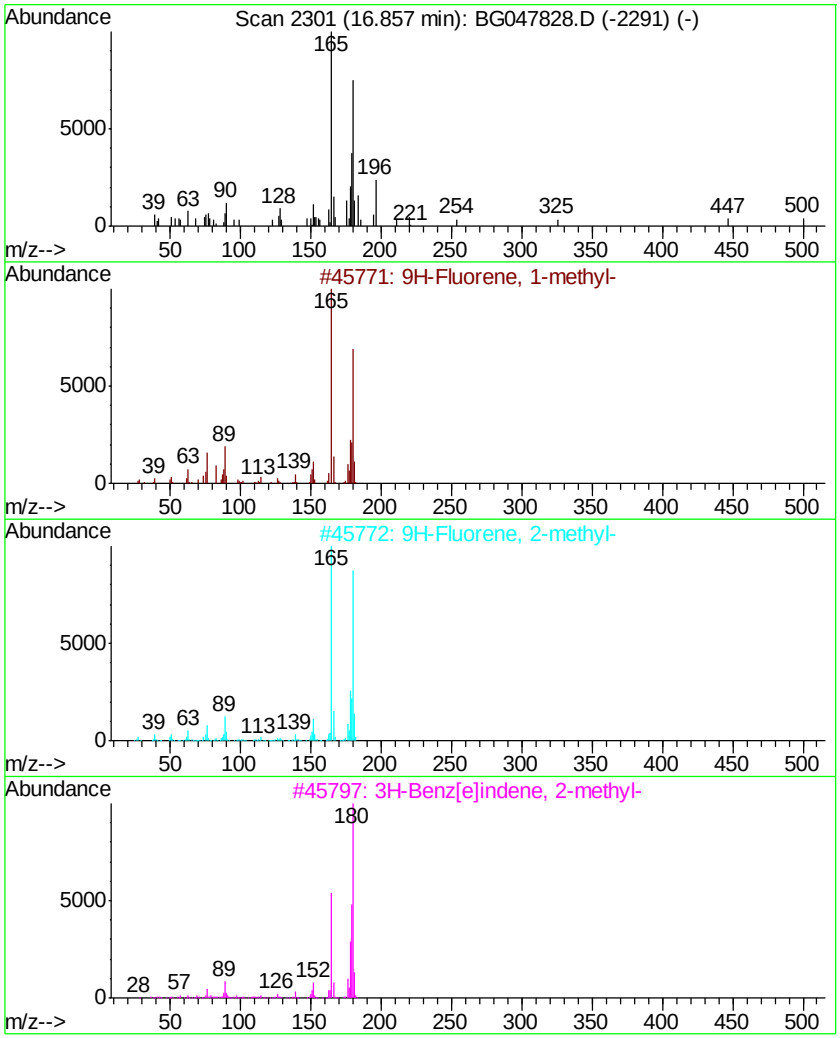
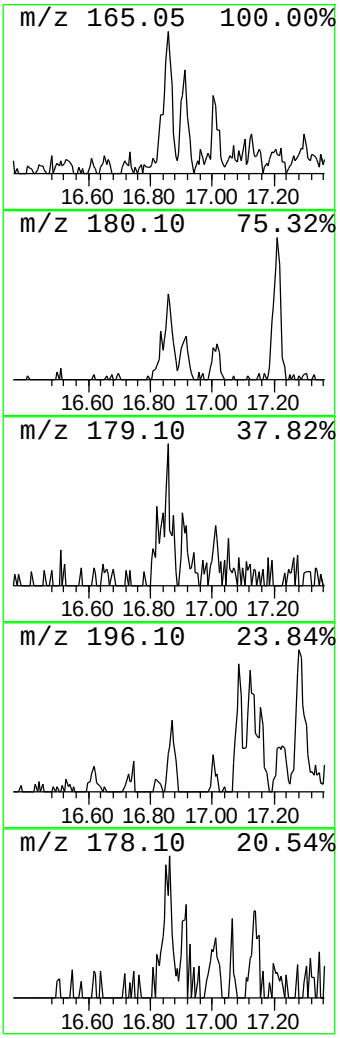
Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	2.24 ng/ul	52870	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70
3	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	58
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	58
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	58





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Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

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Quant Title : SVOA CALIBRATION

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

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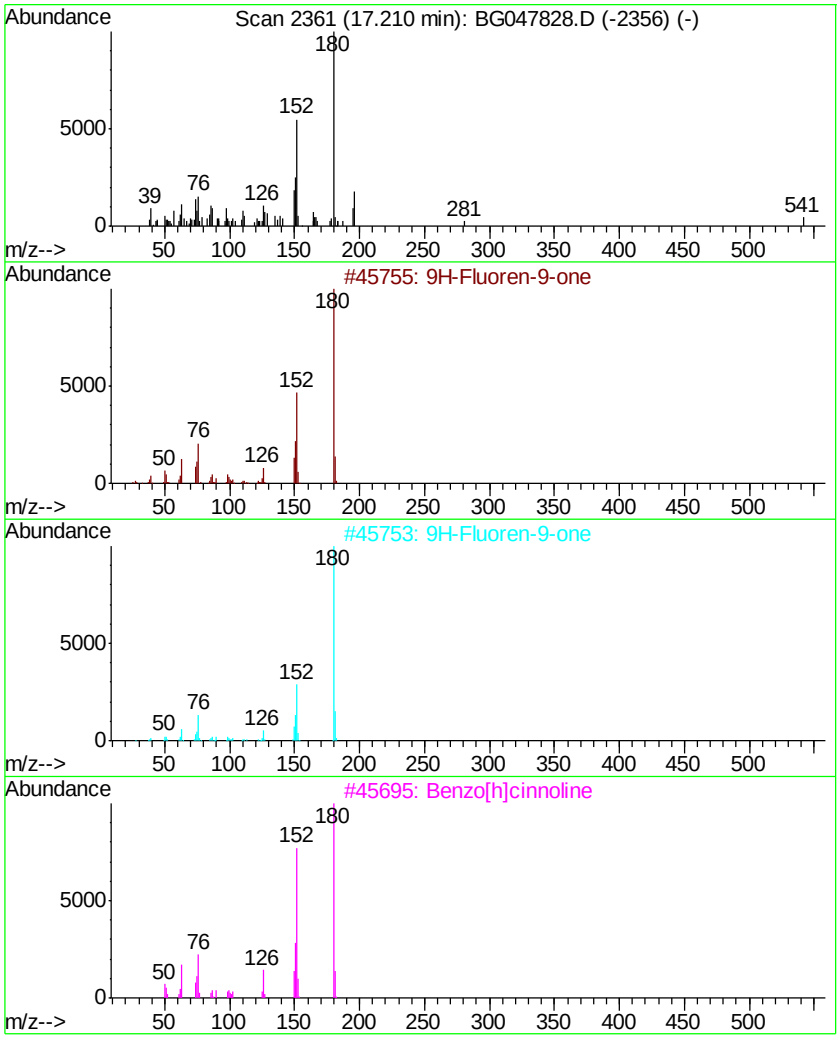
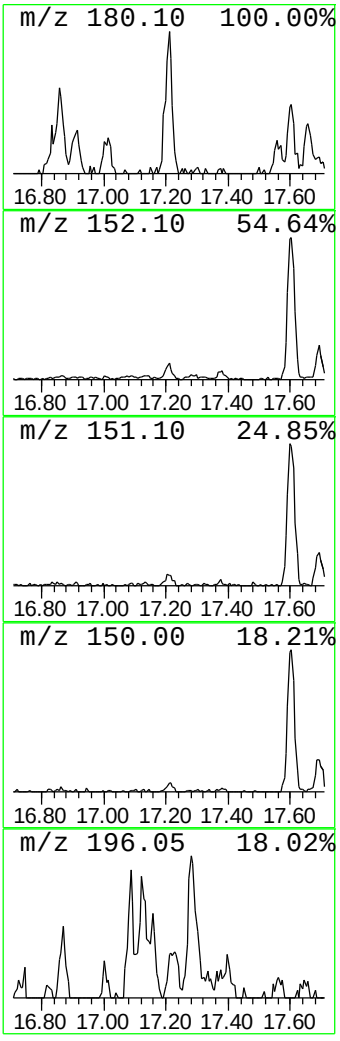
Peak Number 7 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	2.00 ng/ul	47195	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	74
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	74
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	74
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	Diphenic anhydride	224	C14H8O3	006050-13-1	64





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Misc :
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Instrument : BNA_G
ClientSampleId : CB897

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

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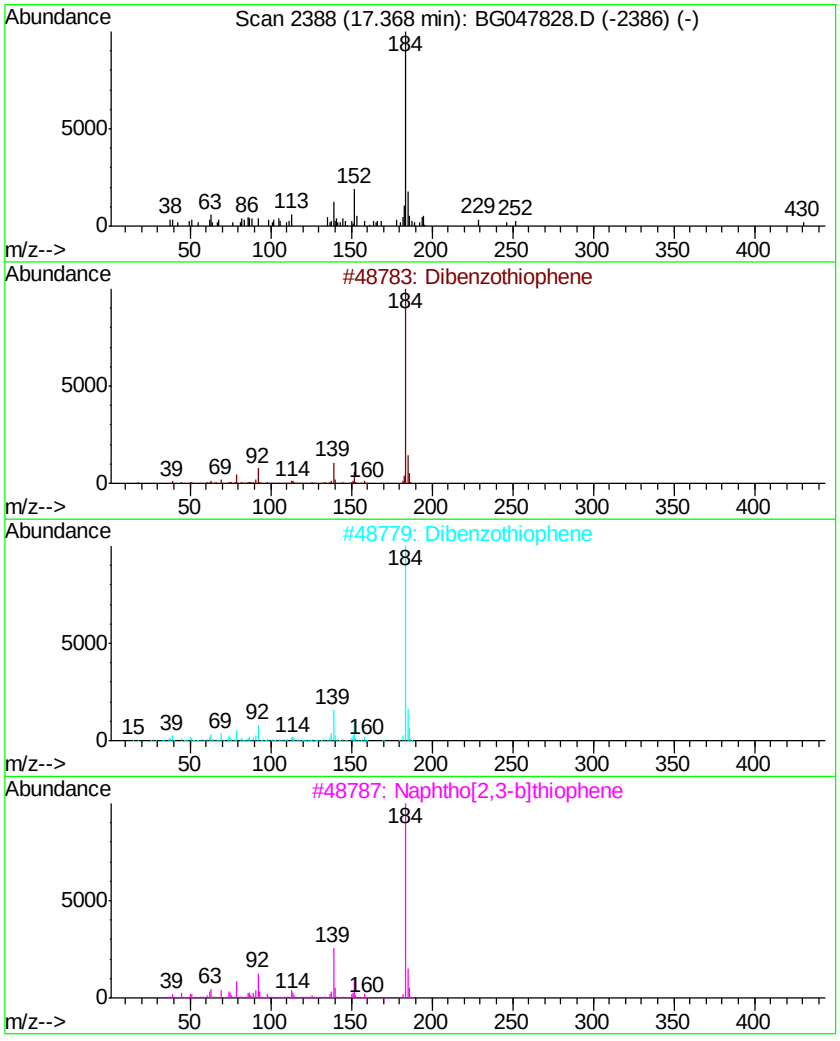
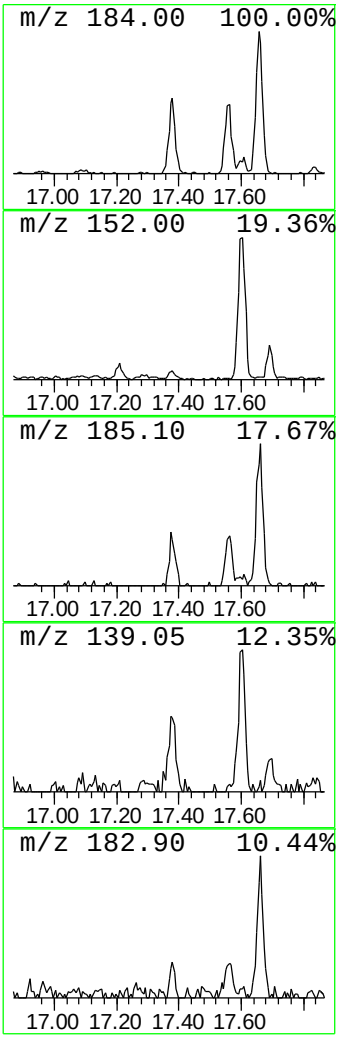
Peak Number 8 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	3.09 ng/ul	72889	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	90
2	Dibenzothiophene	184	C12H8S	000132-65-0	87
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	83
4	Dibenzothiophene	184	C12H8S	000132-65-0	81
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	81





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Sample : L5149-01
Misc :
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Instrument : BNA_G
ClientSampleId : CB897

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Quant Title : SVOA CALIBRATION

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

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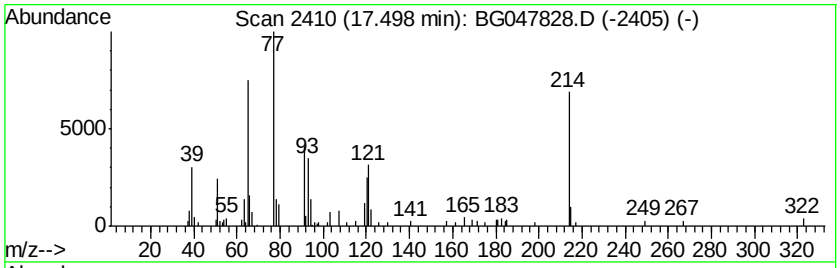
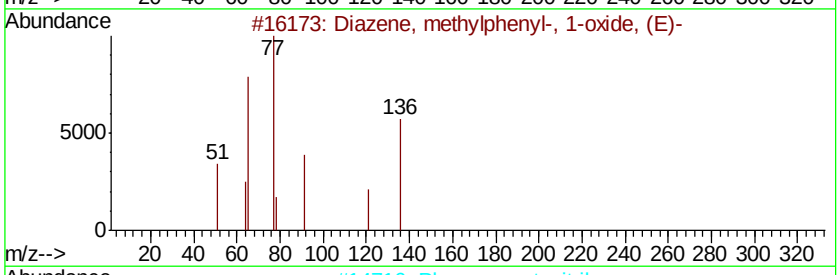
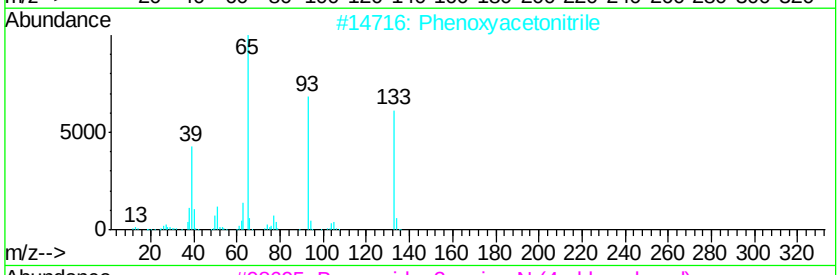
Peak Number 9 unknown-01 Concentration Rank 12

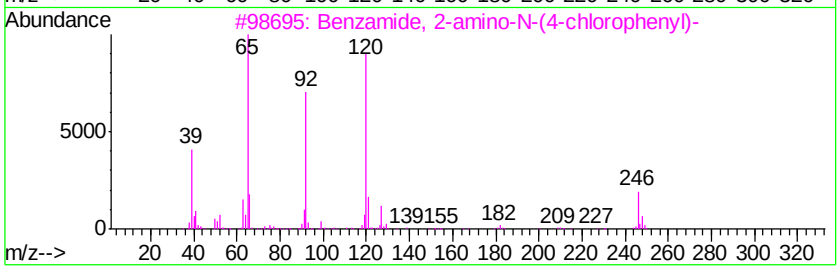
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	3.04 ng/ul	71706	Phenanthrene-d10	17.56

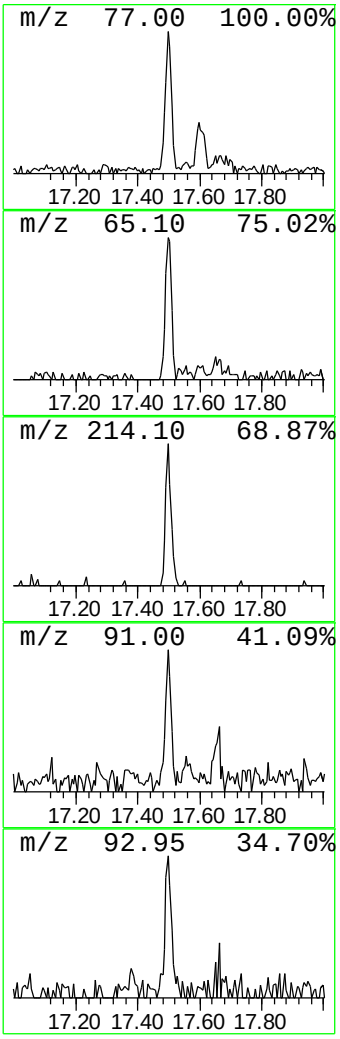
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diazene, methylphenyl-, 1-oxide,...	136	C7H8N2O	035150-75-5	45
2	Phenoxyacetonitrile	133	C8H7NO	003598-14-9	40
3	Benzamide, 2-amino-N-(4-chloroph...	246	C13H11ClN2O	1000311-17-1	40
4	Benzamide, 4-(5-phenoxy-1H-1,2,3...	281	C14H11N5O2	1000319-82-3	40
5	3,3-Dimethyl-1-(2-carboxyphenyl)...	193	C9H11N3O2	020119-28-2	40











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Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

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Quant Title : SVOA CALIBRATION

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

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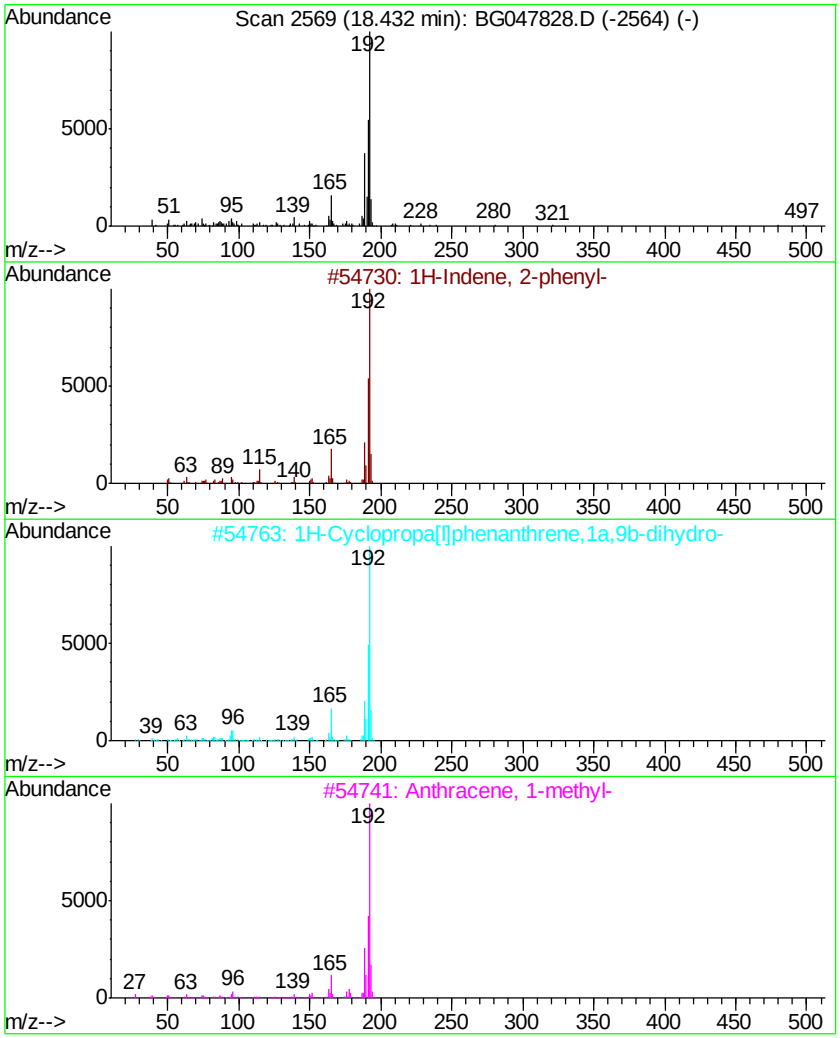
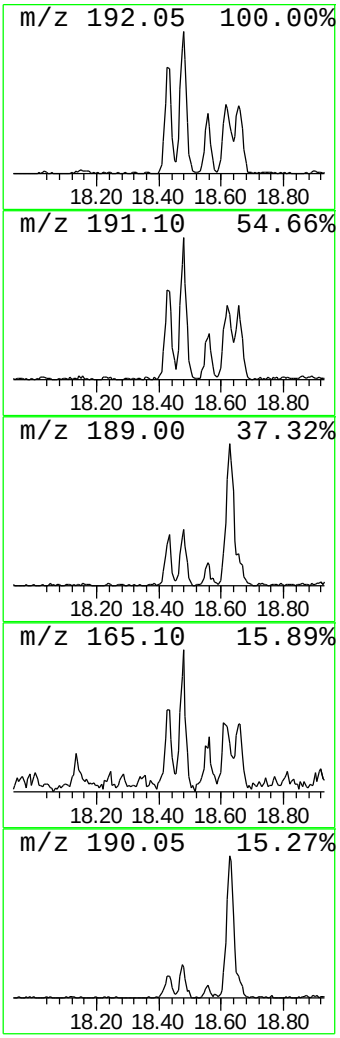
Peak Number 10 1H-Indene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	6.17 ng/ul	145411	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

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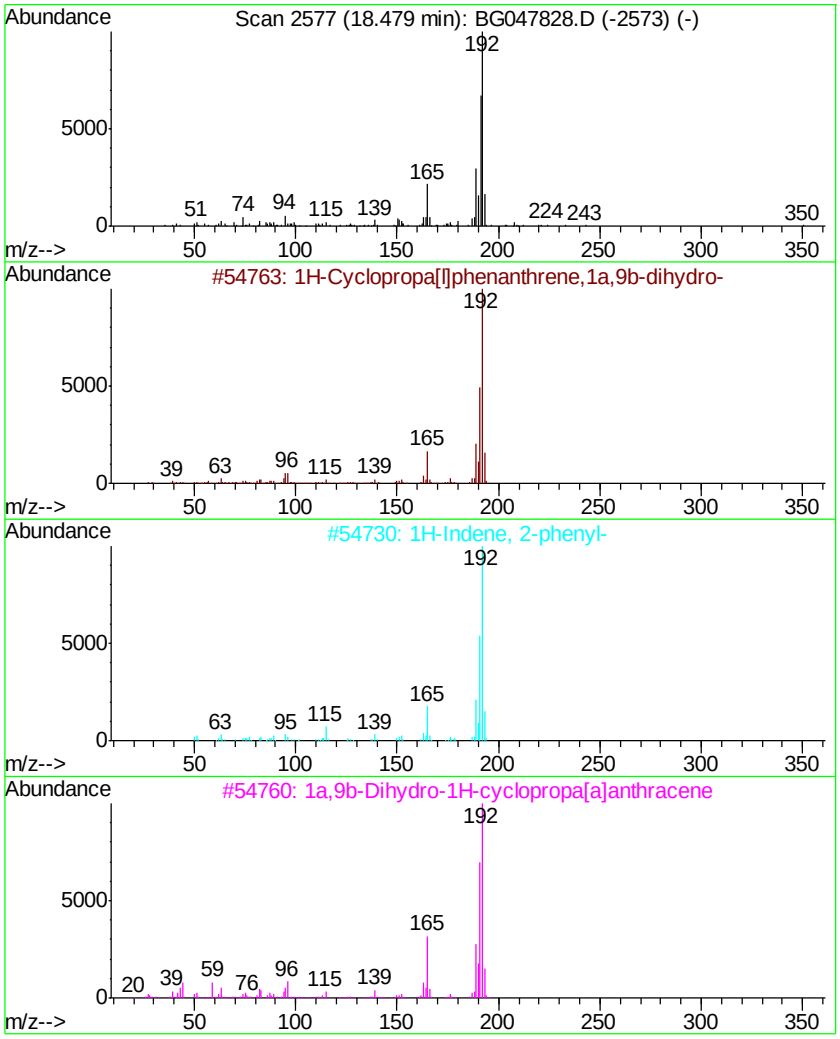
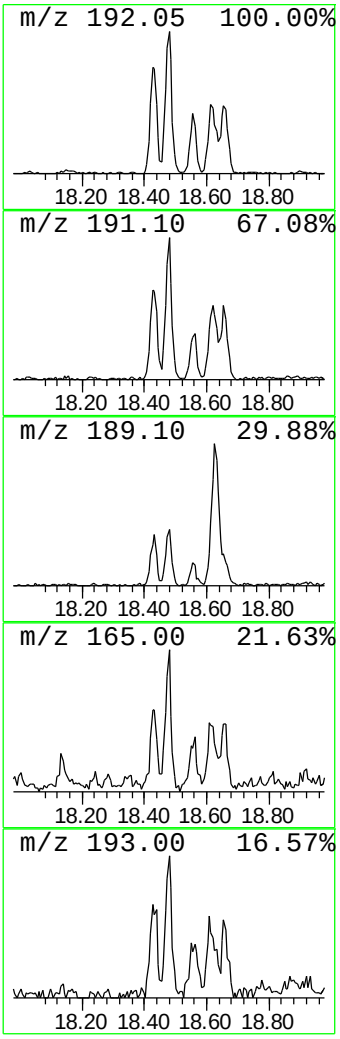
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	8.93 ng/ul	210474	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





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Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

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Quant Title : SVOA CALIBRATION

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

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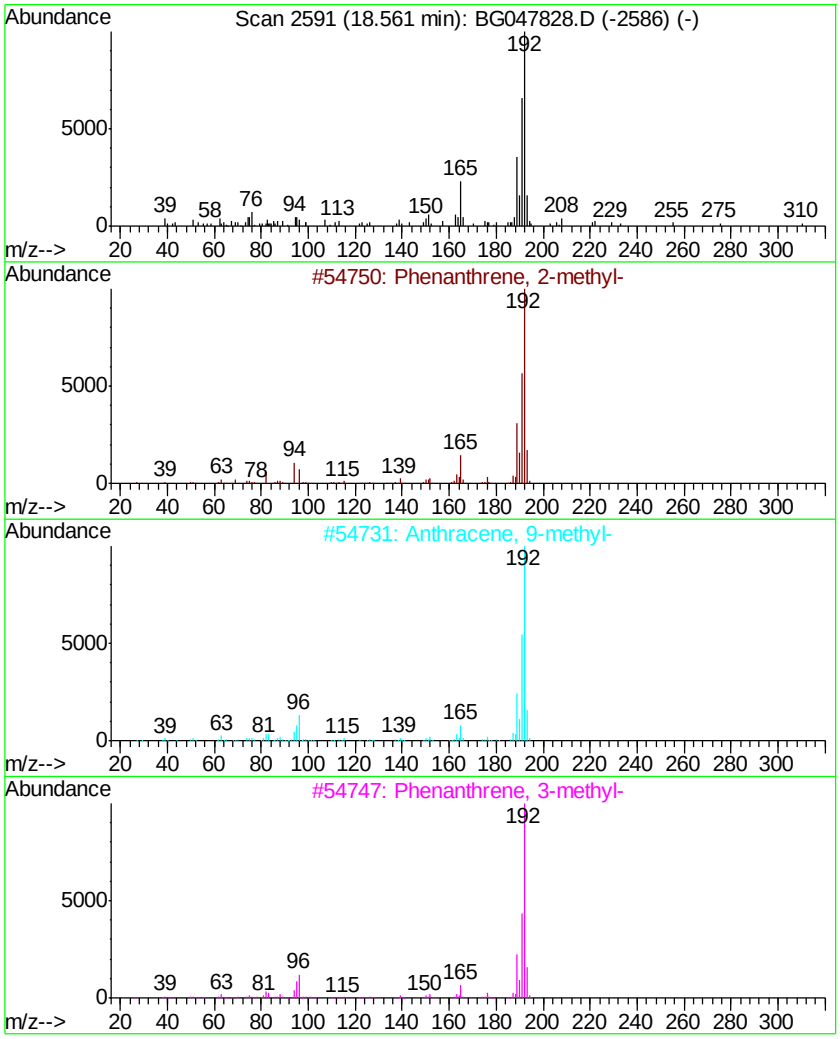
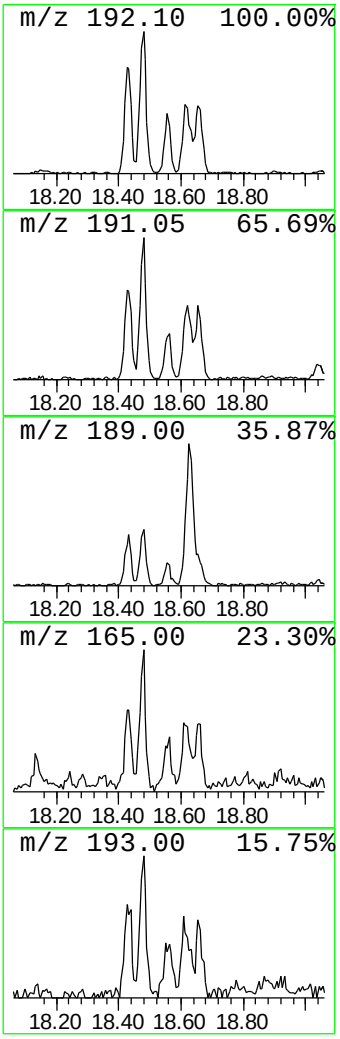
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.98 ng/ul	70306	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	68
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	68
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	68





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Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

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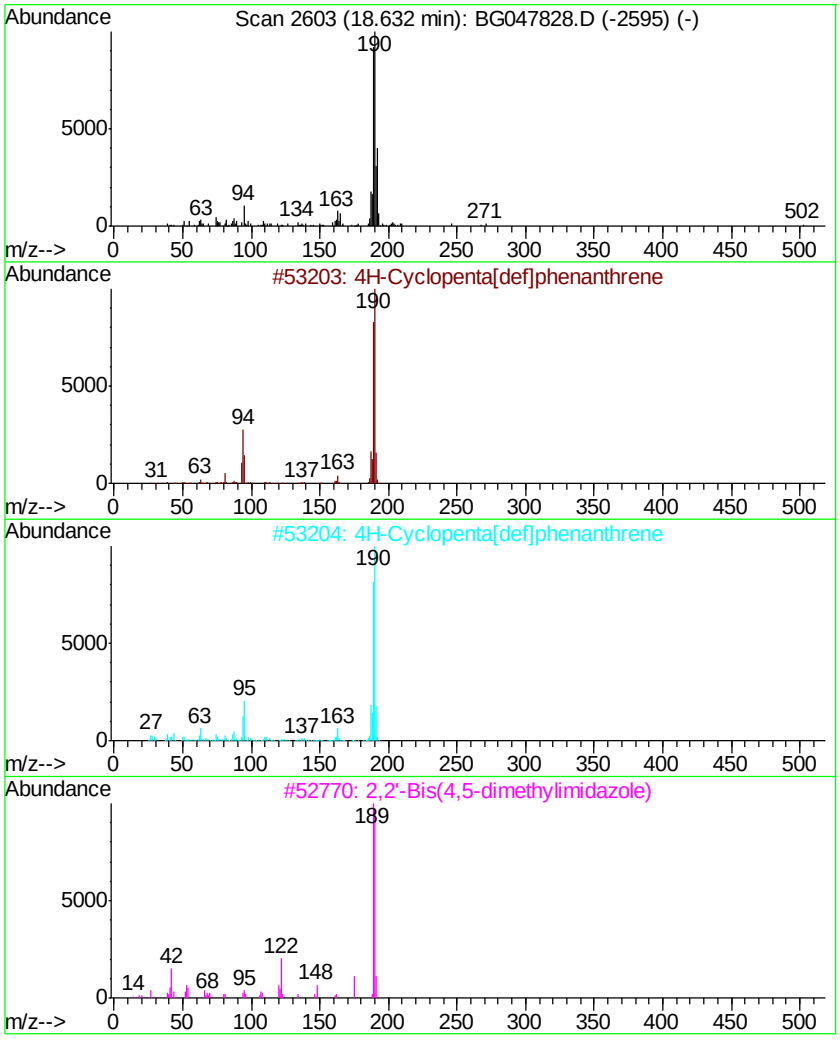
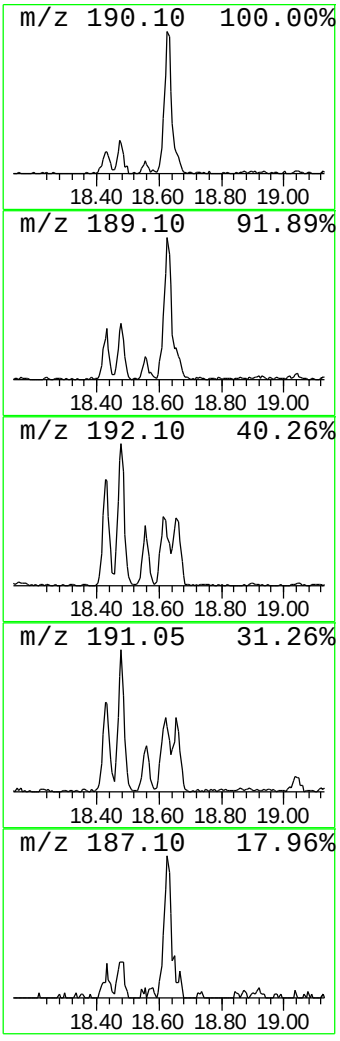
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	10.46 ng/ul	246713	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	32





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

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Quant Title : SVOA CALIBRATION

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

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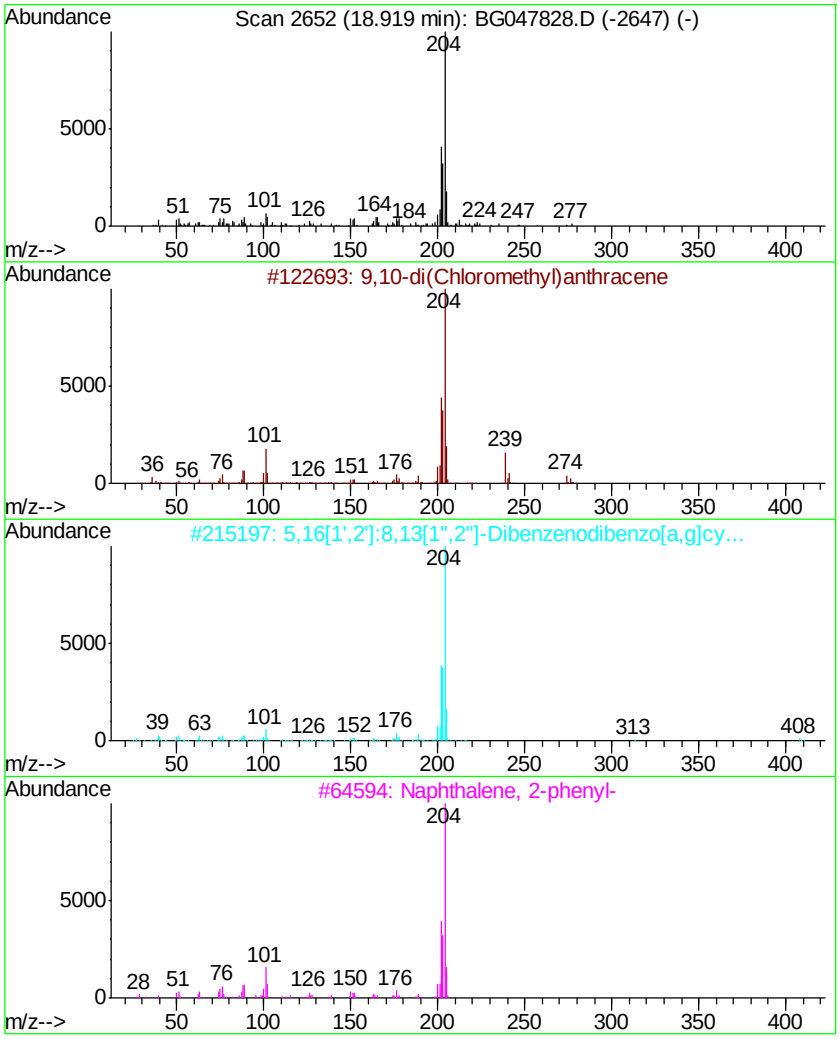
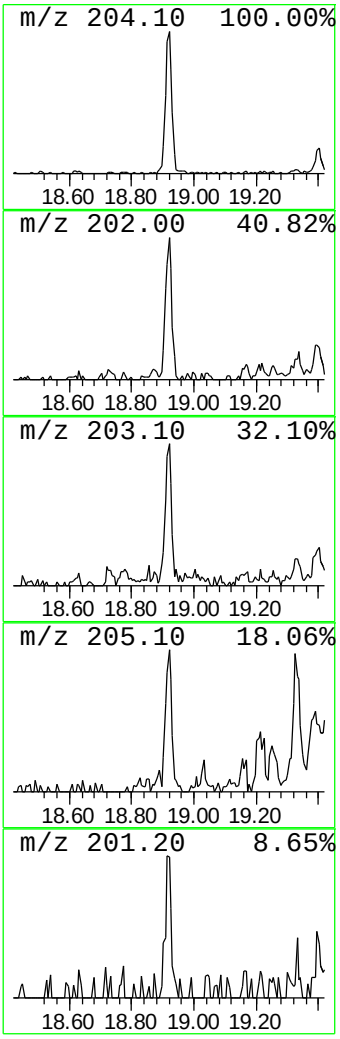
Peak Number 14 9,10-di(Chloromethyl)anthra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	4.24 ng/ul	99892	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	78
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58





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Quant Title : SVOA CALIBRATION

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

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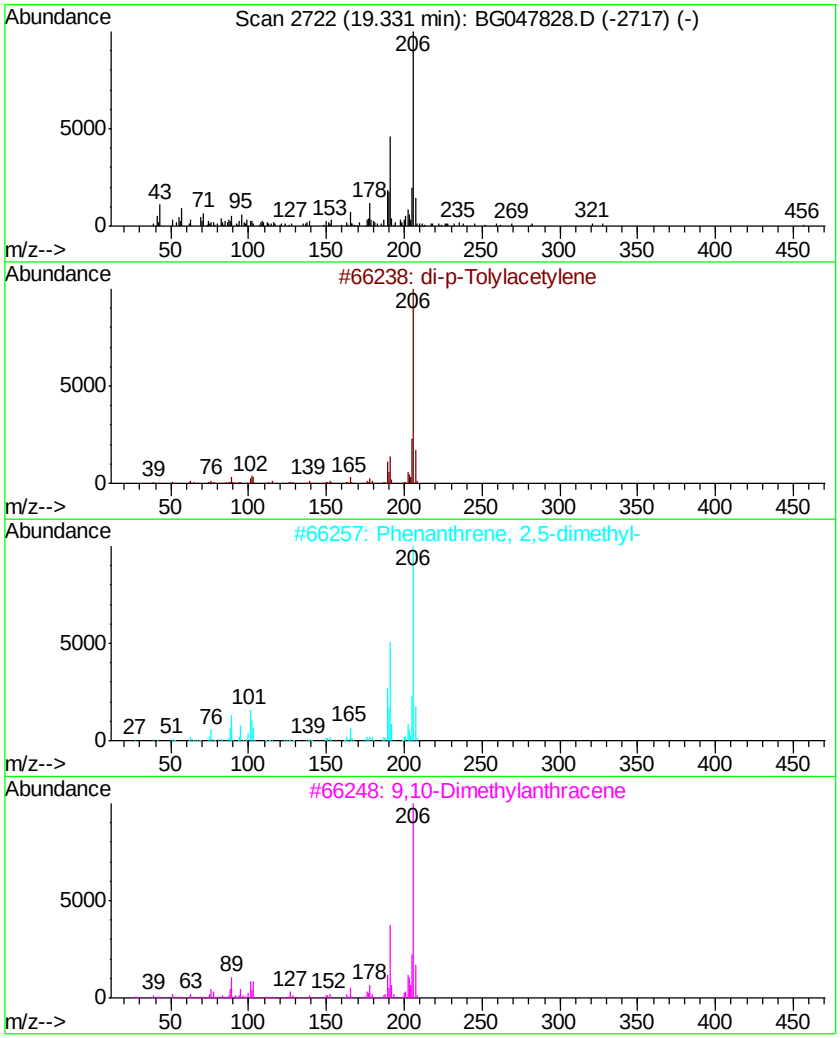
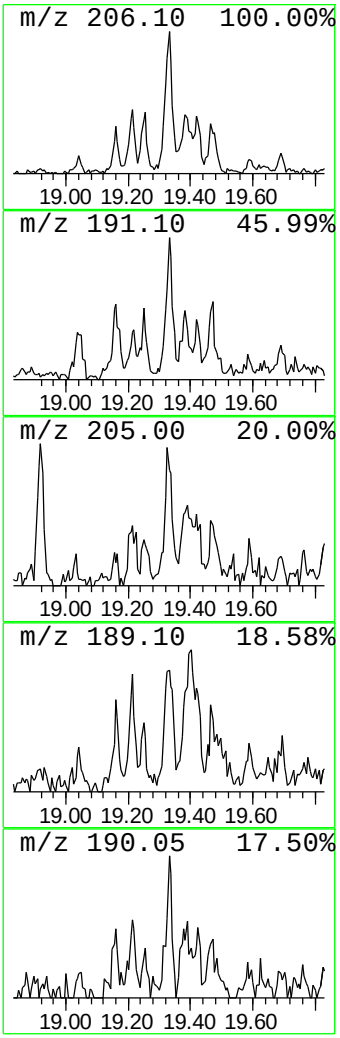
Peak Number 15 di-p-Tolylacetylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	4.65 ng/ul	109660	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	78
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	78
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76





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Instrument : BNA_G
ClientSampleId : CB897

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Quant Title : SVOA CALIBRATION

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

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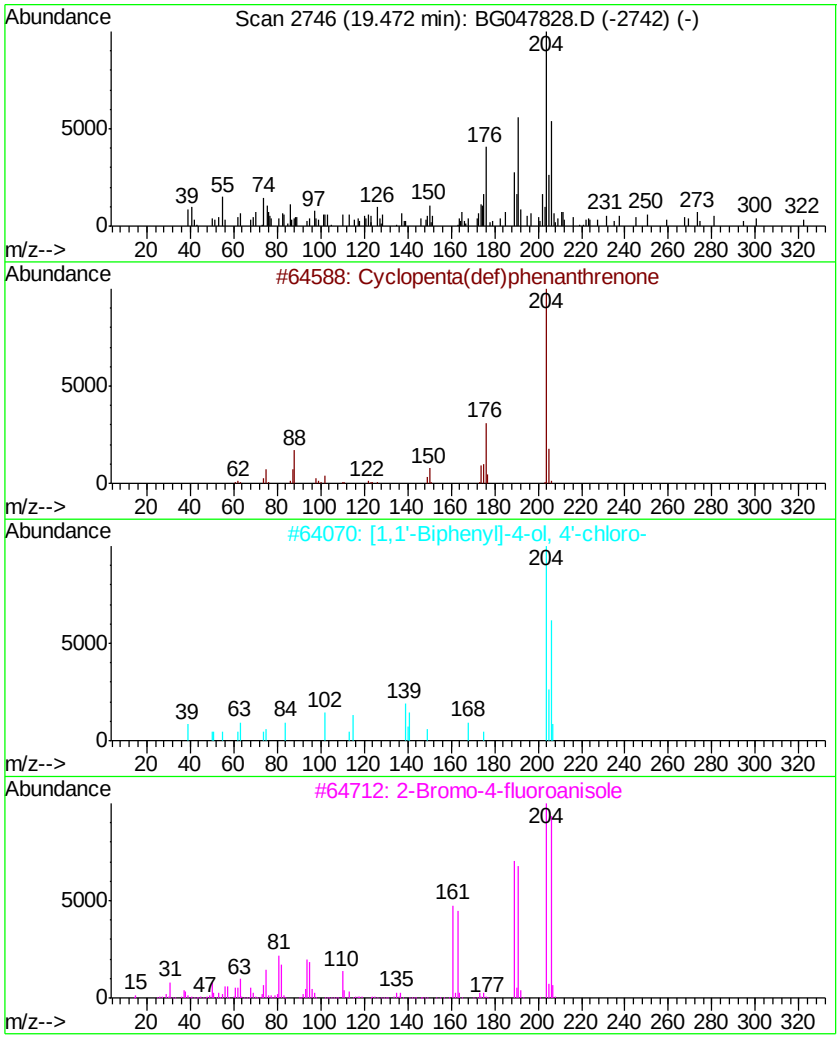
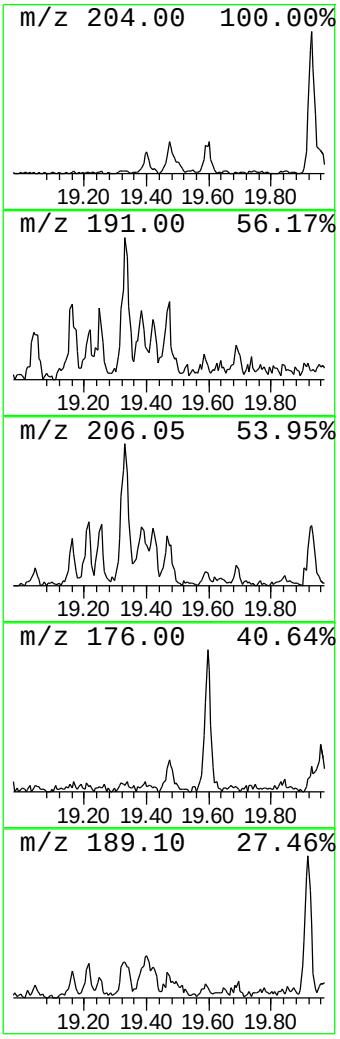
Peak Number 16 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	3.06 ng/ul	72106	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	46
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	45
3	2-Bromo-4-fluoroanisole	204	C7H6BrFO	000452-08-4	35
4	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	30
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	30





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Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

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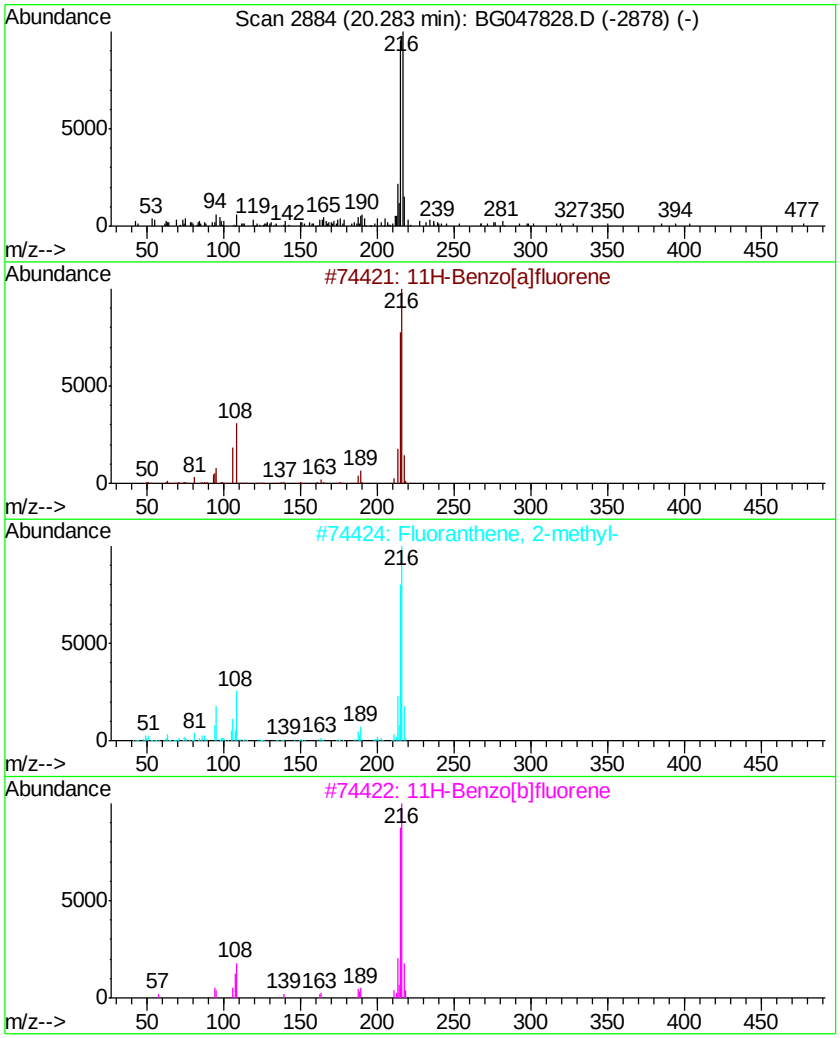
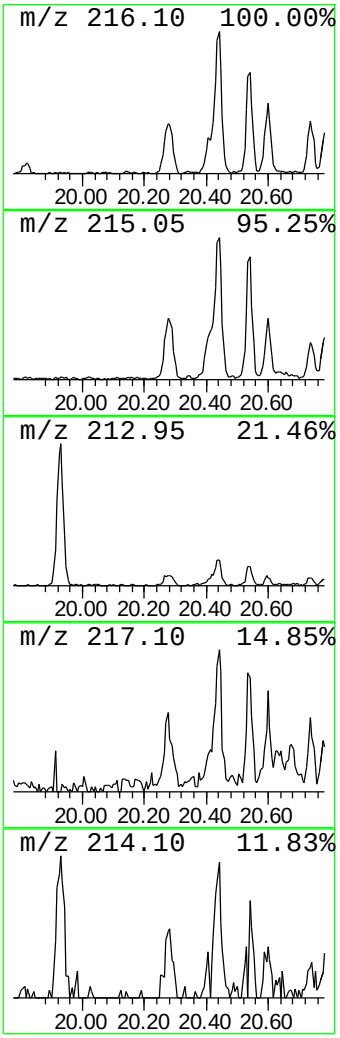
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	2.56 ng/ul	139817	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

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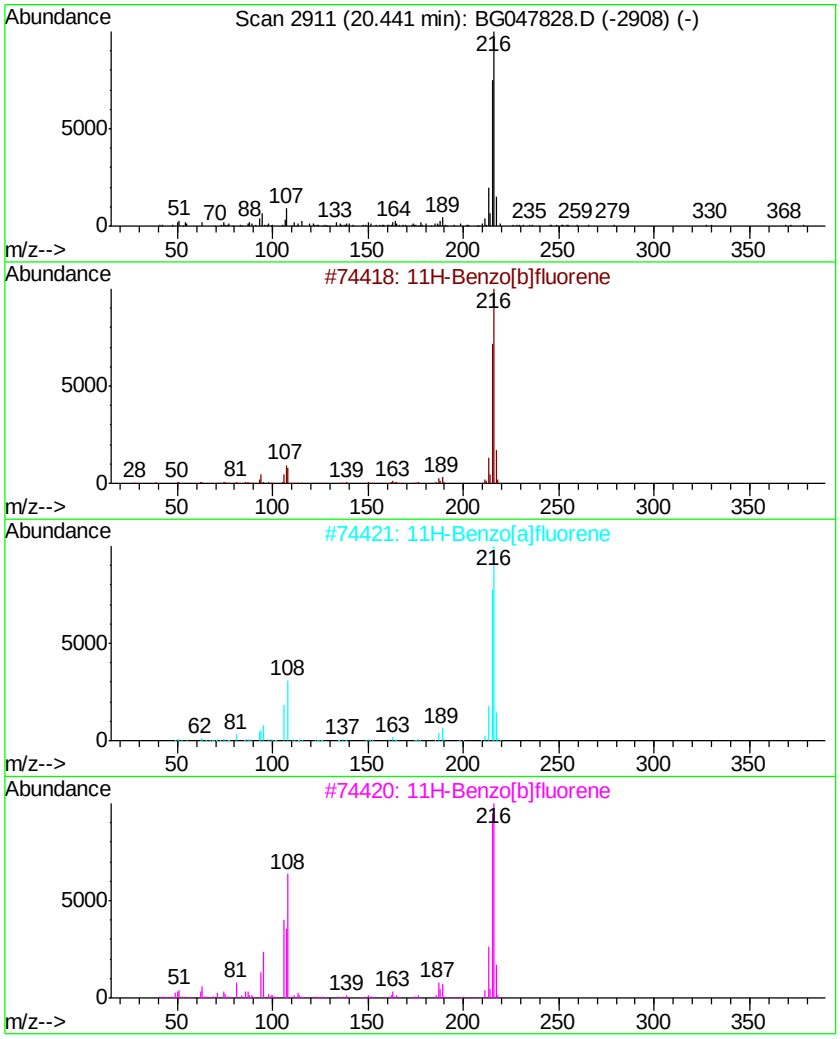
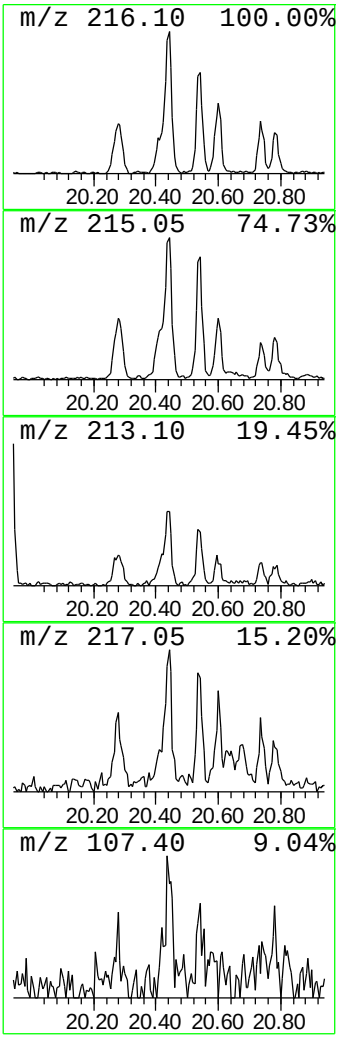
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	3.47 ng/ul	189665	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
4	Pyridin-3-ol, 2-(4-nitrophenyl)-	216	C11H8N2O3	030820-89-4	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

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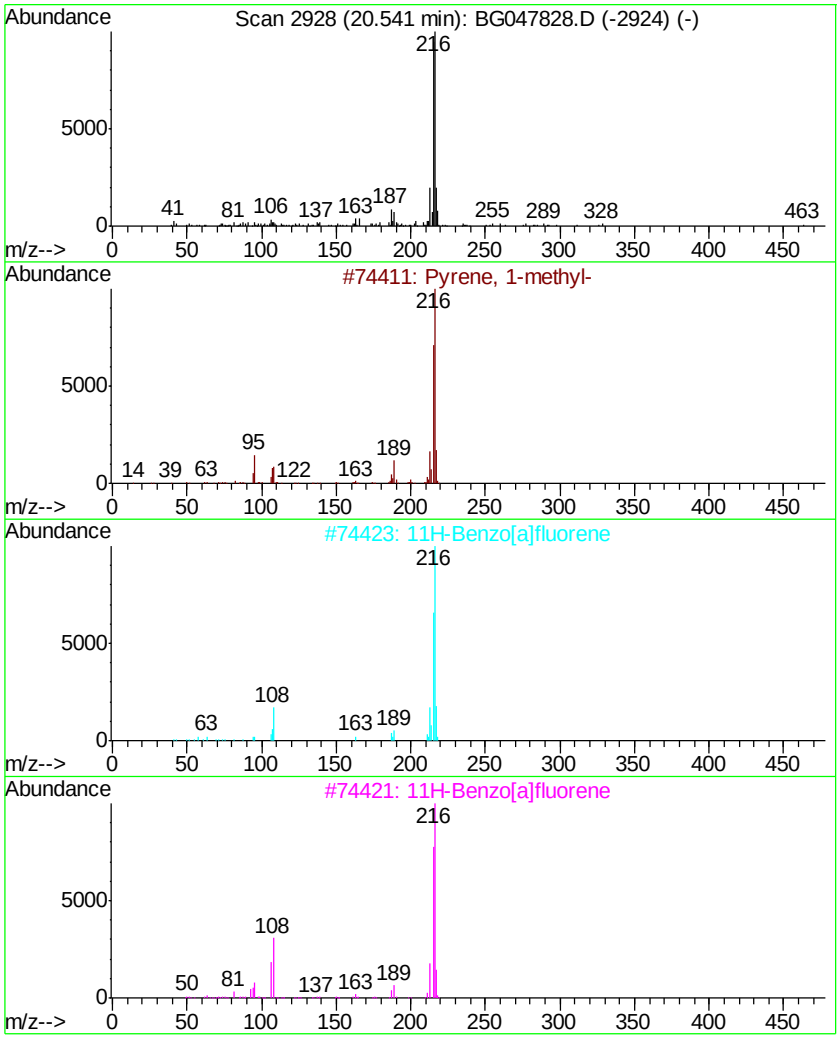
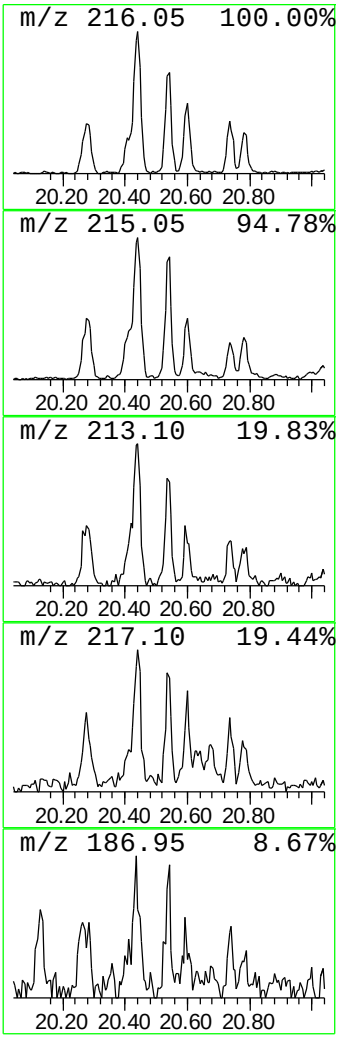
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.54	2.21 ng/ul	120914	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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

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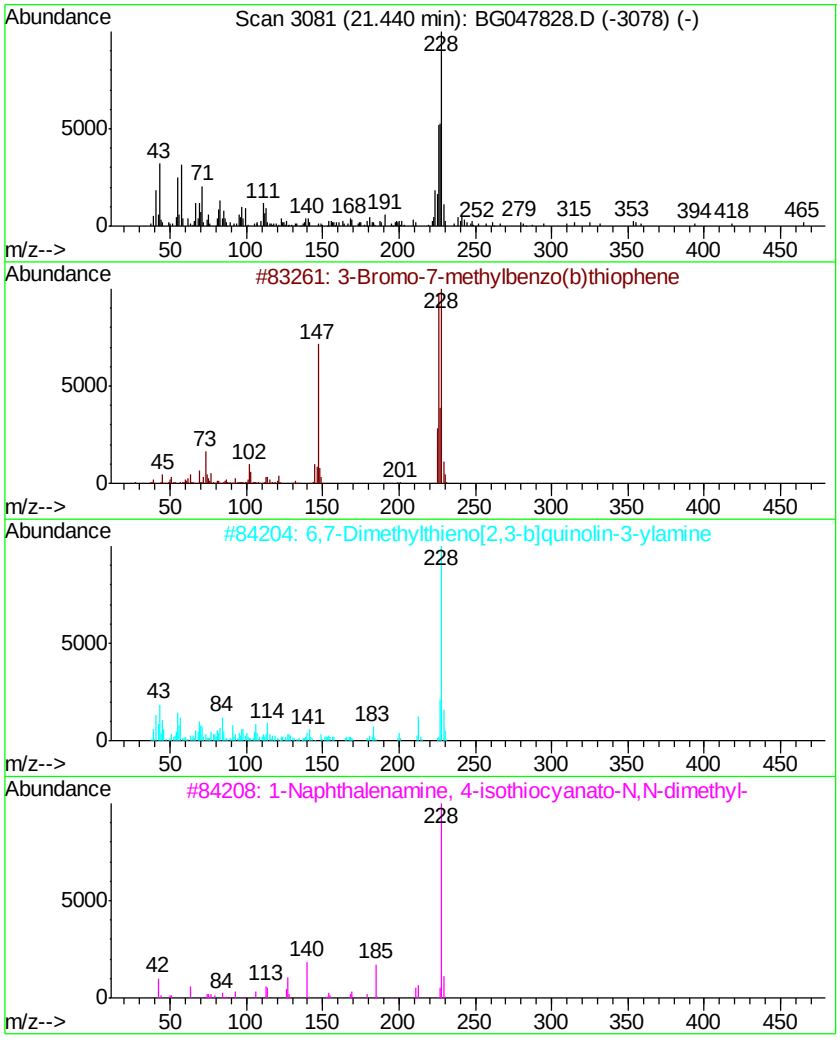
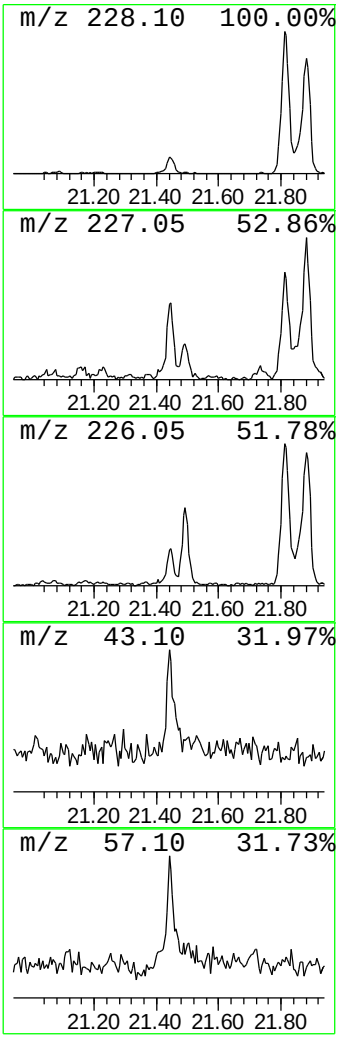
Peak Number 20 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.01 ng/ul	109865	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-7-methylbenzo(b)thiophene	226	C9H7BrS	001500-71-6	43
2	6,7-Dimethylthieno[2,3-b]quinoli...	228	C13H12N2S	1000306-62-3	38
3	1-Naphthalenamine, 4-isothiocyan...	228	C13H12N2S	029711-79-3	38
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
5	Triphenylene	228	C18H12	000217-59-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122320\
Data File : BG047828.D
Acq On : 24 Dec 2020 13:18
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB897

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.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
Toluene	4.30	11.5	ng/ul	120209	1	8.20	208506	20.0
Cyclopentasiloxan...	9.77	2.7	ng/ul	34980	2	11.02	259898	20.0
Benzocycloheptatr...	12.88	3.1	ng/ul	40409	2	11.02	259898	20.0
Naphthalene, 1,6-...	14.14	3.0	ng/ul	52255	3	14.82	351221	20.0
Dibenzofuran, 4-m...	16.15	3.1	ng/ul	54840	3	14.82	351221	20.0
9H-Fluorene, 1-me...	16.86	2.2	ng/ul	52870	4	17.56	471504	20.0
9H-Fluoren-9-one	17.21	2.0	ng/ul	47195	4	17.56	471504	20.0
Dibenzothiophene	17.37	3.1	ng/ul	72889	4	17.56	471504	20.0
unknown-01	17.50	3.0	ng/ul	71706	4	17.56	471504	20.0
1H-Indene, 2-phenyl-	18.43	6.2	ng/ul	145411	4	17.56	471504	20.0
1H-Cyclopropa[l]p...	18.48	8.9	ng/ul	210474	4	17.56	471504	20.0
Phenanthrene, 2-m...	18.56	3.0	ng/ul	70306	4	17.56	471504	20.0
4H-Cyclopenta[def...	18.63	10.5	ng/ul	246713	4	17.56	471504	20.0
9,10-di(Chloromet...	18.92	4.2	ng/ul	99892	4	17.56	471504	20.0
di-p-Tolylacetylene	19.33	4.7	ng/ul	109660	4	17.56	471504	20.0
unknown-02	19.47	3.1	ng/ul	72106	4	17.56	471504	20.0
11H-Benzo[a]fluorene	20.28	2.6	ng/ul	139817	5	21.83	1092230	20.0
11H-Benzo[b]fluorene	20.44	3.5	ng/ul	189665	5	21.83	1092230	20.0
Pyrene, 1-methyl-	20.54	2.2	ng/ul	120914	5	21.83	1092230	20.0
unknown-03	21.44	2.0	ng/ul	109865	5	21.83	1092230	20.0