LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

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-BG111920MA.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	7.392	684	690	700	rBV2	83378	161242	2.70%	0.232%
2	7.785	751	757	765	rVB2	78720	140429	2.35%	0.202%
3	8.267	831	839	850	rBV	148304	257580	4.31%	0.371%
4	8.949	949	955	962	rVV2	82153	147554	2.47%	0.212%
5	9.431	1030	1037	1045	rBV2	80518	151685	2.54%	0.218%
6	10.159	1153	1161	1170	rVV2	81283	150050	2.51%	0.216%
7	10.694	1246	1252	1260	rBV2	118441	219397	3.67%	0.316%
8	11.087	1310	1319	1324	rBV	191309	359898	6.02%	0.518%
9	11.140	1324	1328	1334	rVV	117632	204290	3.41%	0.294%
10	11.211	1334	1340	1350	rVV3	54050	106168	1.77%	0.153%
11	12.727	1592	1598	1604	rBV	89532	148197	2.48%	0.213%
12	12.944	1626	1635	1643	rBV	78988	136263	2.28%	0.196%
13	14.201	1839	1849	1854	rVV3	62517	121170	2.03%	0.174%
14	14.266	1854	1860	1865	rVV	244011	389922	6.52%	0.561%
15	14.572	1905	1912	1923	rBV2	215767	397231	6.64%	0.572%
16	14.877	1953	1964	1970	rBV2	317132	563963	9.43%	0.812%
17	14.942	1970	1975	1981	rVB	208403	340611	5.69%	0.490%
18	15.036	1986	1991	1997	rVV2	66122	108443	1.81%	0.156%
19	15.271	2025	2031	2037	rVB2	125112	204952	3.43%	0.295%
20	15.858	2126	2131	2136	rVV	281538	448606	7.50%	0.646%
21	15.917	2136	2141	2145	rVV	210915	351132	5.87%	0.505%
22	15.964	2145	2149	2154	rVV	105500	160777	2.69%	0.231%
23	16.205	2186	2190	2198	rVB2	63964	112617	1.88%	0.162%
24	16.352	2209	2215	2223	rVV2	67958	148508	2.48%	0.214%
25	17.139	2340	2349	2353	rBV4	44812	97941	1.64%	0.141%
26	17.263	2364	2370	2377	rVB	192997	304820	5.10%	0.439%
27	17.333	2377	2382	2394	rBV4	44730	153623	2.57%	0.221%
28	17.433	2394	2399	2406	rVV	152910	246983	4.13%	0.355%
29	17.615	2424	2430	2433	rBV	394138	672626	11.24%	0.968%
30	17.662	2433	2438	2443	rVV	2349883	3674305	61.42%	5.287%
31	17.715	2443	2447	2449	rVV	324545	508456	8.50%	0.732%
32	17.744	2449	2452	2457	rVV	435056	635979	10.63%	0.915%
33	18.003	2487	2496	2508	rBV2	283694	573487	9.59%	0.825%
34	18.126	2513	2517	2524	rVV2	55737	104612	1.75%	0.151%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

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-BG111920MA.M
Title : SVOA CALIBRATION

35	18.191	2524	2528	2535	rVV4	82713	147360	2.46%	0.212%
36	18.338	2548	2553	2560	rVB2	45441	92108	1.54%	0.133%
37	18.485	2569	2578	2581	rVV	335610	530108	8.86%	0.763%
38	18.532	2581	2586	2592	rVB	461704	720300	12.04%	1.036%
39	18.608	2592	2599	2604	rBV	139568	238824	3.99%	0.344%
40	18.679	2604	2611	2614	rBV2	451779	896243	14.98%	1.290%
41	18.708	2614	2616	2622	rVB	235427	310269	5.19%	0.446%
42	18.966	2655	2660	2664	rBV	246379	378443	6.33%	0.545%
43	19.013	2664	2668	2679	rVB	383609	561839	9.39%	0.808%
44	19.213	2694	2702	2706	rBV3	97823	156828	2.62%	0.226%
45	19.301	2714	2717	2721	rVB2	79759	99266	1.66%	0.143%
46	19.384	2725	2731	2736	rBV2	211035	389076	6.50%	0.560%
47	19.448	2736	2742	2745	rBV4	63347	120077	2.01%	0.173%
48	19.525	2750	2755	2764	rVB3	239057	410100	6.85%	0.590%
49	19.654	2768	2777	2782	rVV	3865377	5982618	100.00%	8.609%
50	19.742	2788	2792	2796	rVB2	121547	169603	2.83%	0.244%
51	19.836	2802	2808	2811	rBV4	106544	167912	2.81%	0.242%
52	19.889	2811	2817	2826	rVB2	175041	399036	6.67%	0.574%
53	19.977	2826	2832	2834	rBV2	1033639	1568724	26.22%	2.257%
54	20.018	2834	2839	2844	rVV	3118419	4993925	83.47%	7.186%
55	20.071	2844	2848	2854	rVB	220700	330361	5.52%	0.475%
56	20.177	2854	2866	2871	rBV	254751	479050	8.01%	0.689%
57	20.241	2871	2877	2883	rVB	221358	370099	6.19%	0.533%
58	20.324	2883	2891	2896	rBV3	278744	732899	12.25%	1.055%
59	20.371	2896	2899	2904	rVV	85141	103421	1.73%	0.149%
60	20.488	2905	2919	2924	rVB2	485735	1190547	19.90%	1.713%
61	20.588	2930	2936	2940	rBV	293085	454725	7.60%	0.654%
62	20.647	2940	2946	2950	rVV2	343131	700146	11.70%	1.007%
63	20.682	2950	2952	2956	rVV	175075	222185	3.71%	0.320%
64	20.723	2956	2959	2966	rVB3	83554	133668	2.23%	0.192%
65	20.788	2966	2970	2974	rBV	217563	330372	5.52%	0.475%
66	20.835	2974	2978	2987	rVB	244380	410091	6.85%	0.590%
67	21.046	3010	3014	3017	rBV4	75403	129845	2.17%	0.187%
68	21.087	3017	3021	3026	rVV5	83518	167421	2.80%	0.241%
69	21.264	3046	3051	3058	rVB	506195	809279	13.53%	1.165%
70	21.458	3076	3084	3088	rBV2	370855	852386	14.25%	1.227%
71	21.505	3088	3092	3096	rVV	358421	555509	9.29%	0.799%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

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-BG111920MA.M
Title : SVOA CALIBRATION

72	21.558	3096	3101	3106	rVV2	324727	617953	10.33%	0.889%
73	21.616	3106	3111	3121	rVB2	482492	899789	15.04%	1.295%
74	21.751	3124	3134	3140	rBV	126299	385936	6.45%	0.555%
75	21.887	3144	3157	3164	rBV2	2144935	5102886	85.30%	7.343%
76	21.957	3164	3169	3180	rVB	1776952	3302090	55.19%	4.752%
77	22.057	3181	3186	3190	rBV6	53790	91407	1.53%	0.132%
78	22.110	3190	3195	3201	rBV	263051	472902	7.90%	0.680%
79	22.180	3202	3207	3211	rBV6	83609	165692	2.77%	0.238%
80	22.321	3225	3231	3238	rBV3	293834	642009	10.73%	0.924%
81	22.392	3239	3243	3249	rVB5	68579	131078	2.19%	0.189%
82	22.668	3281	3290	3296	rVV	289336	674540	11.27%	0.971%
83	22.744	3297	3303	3309	rVB3	214336	445258	7.44%	0.641%
84	22.832	3314	3318	3323	rBV3	65475	116514	1.95%	0.168%
85	22.956	3333	3339	3343	rBV	138616	308167	5.15%	0.443%
86	23.097	3356	3363	3371	rBV5	132048	328489	5.49%	0.473%
87	23.367	3403	3409	3416	rBV2	96656	237247	3.97%	0.341%
88	23.808	3476	3484	3485	rBV3	111905	230205	3.85%	0.331%
89	24.078	3528	3530	3539	rVB2	58292	120880	2.02%	0.174%
90	24.243	3545	3558	3565	rBV2	1258948	4704718	78.64%	6.770%
91	24.495	3594	3601	3612	rVB	203420	505535	8.45%	0.727%
92	24.713	3629	3638	3641	rBV3	105729	280567	4.69%	0.404%
93	25.001	3677	3687	3696	rBV2	616389	1887401	31.55%	2.716%
94	25.159	3705	3714	3727	rVB	968372	2970087	49.65%	4.274%
95	25.312	3728	3740	3747	rBV	254849	917433	15.33%	1.320%
96	25.394	3747	3754	3769	rVB3	276518	1021919	17.08%	1.471%
97	26.552	3944	3951	3961	rVB9	52818	173994	2.91%	0.250%
98	29.254	4395	4411	4431	rVB2	470105	2570835	42.97%	3.699%
99	29.736	4481	4493	4506	rBV2	106116	470659	7.87%	0.677%
100	30.465	4600	4617	4618	rBV2	296287	909708	15.21%	1.309%

Sum of corrected areas: 69494078

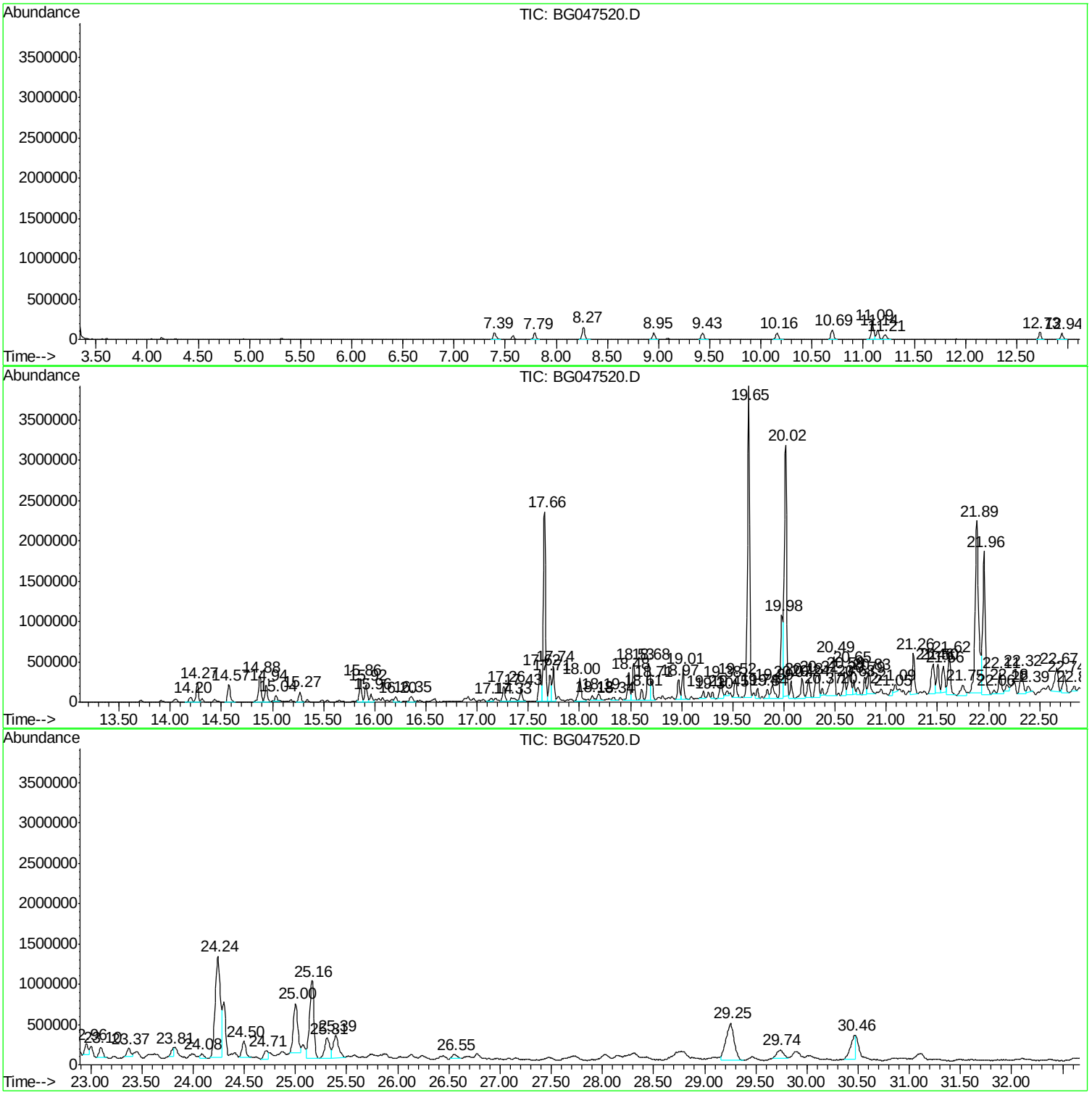
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

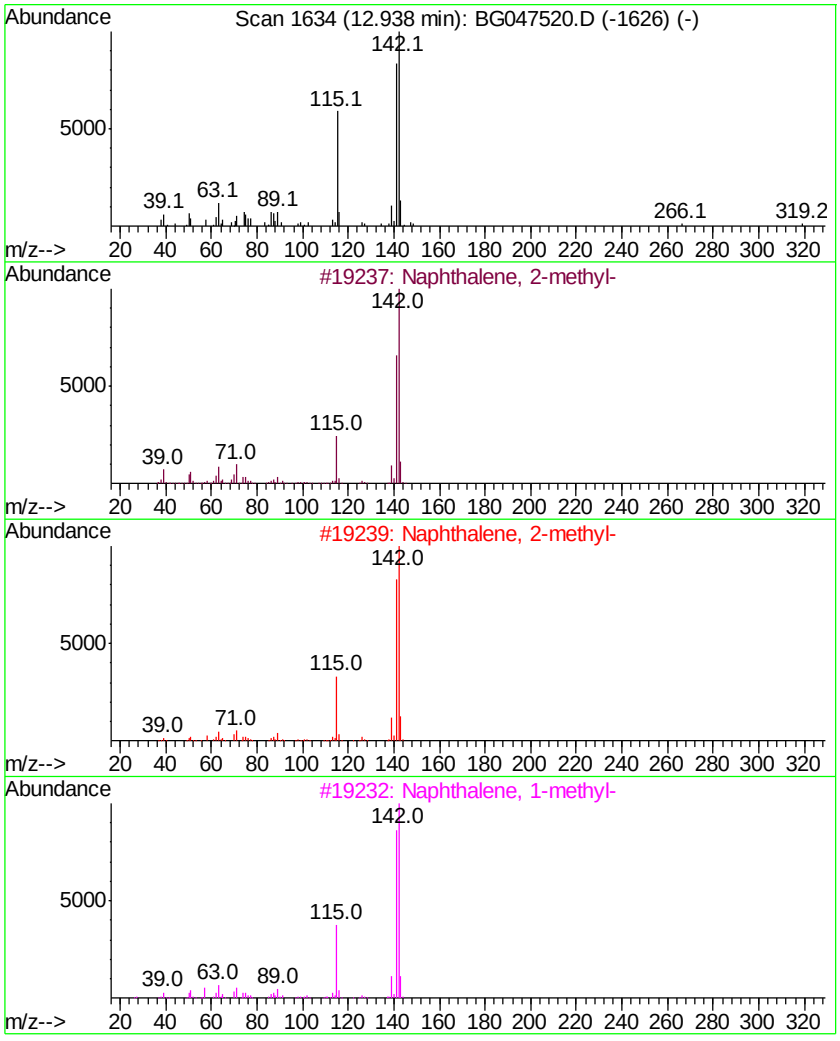
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

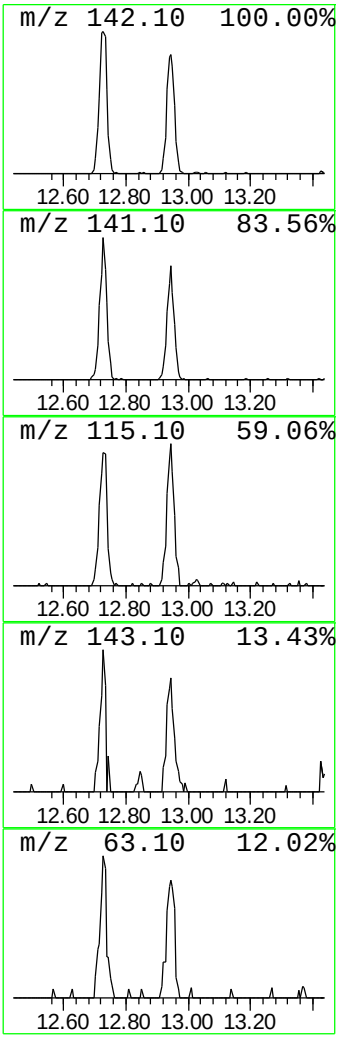
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	7.57 ng/ul	136263	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

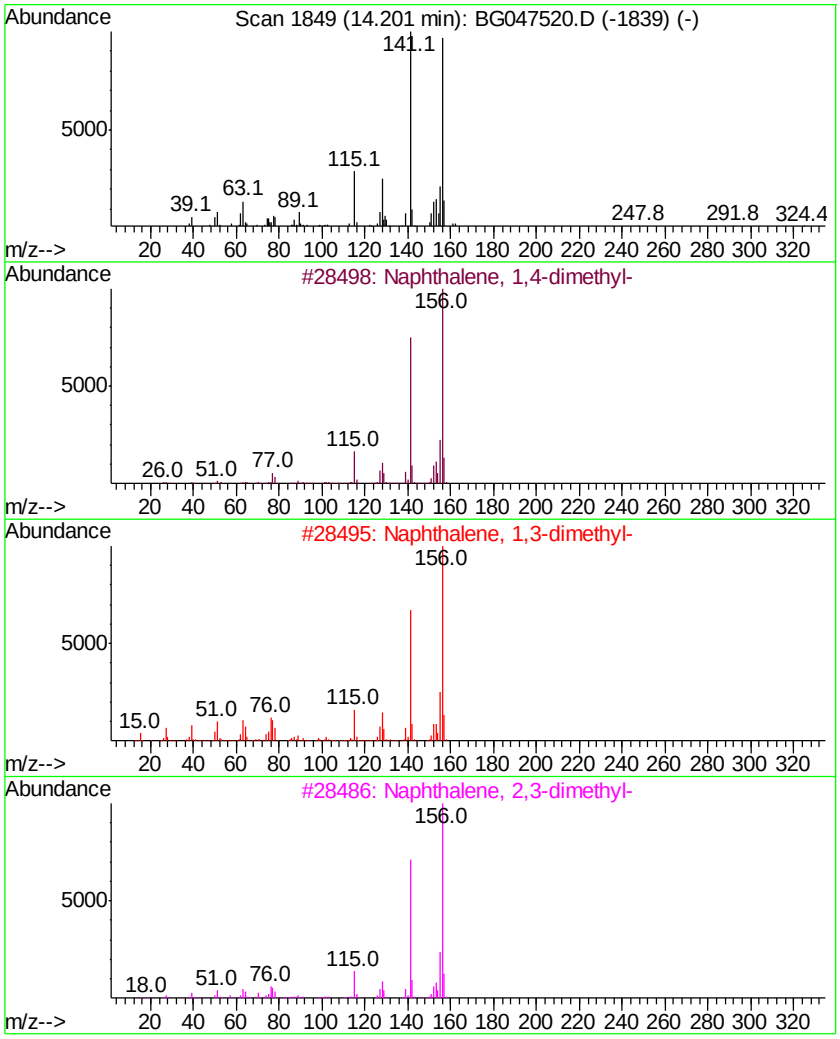
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

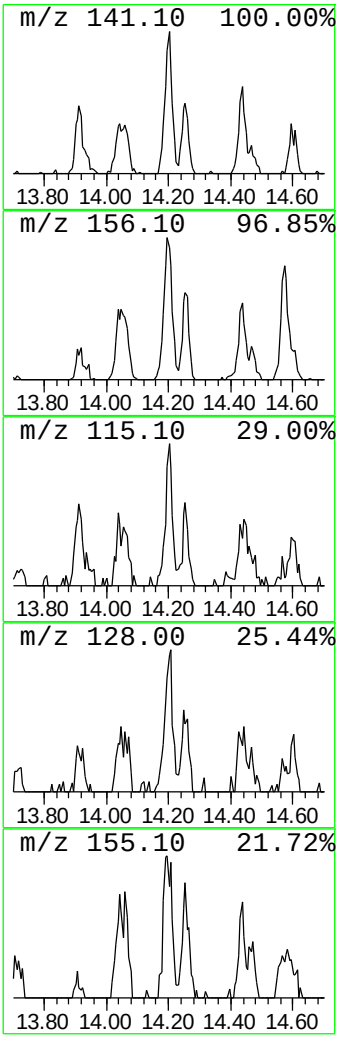
****

Peak Number 2 Naphthalene, 1,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	4.30 ng/ul	121170	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

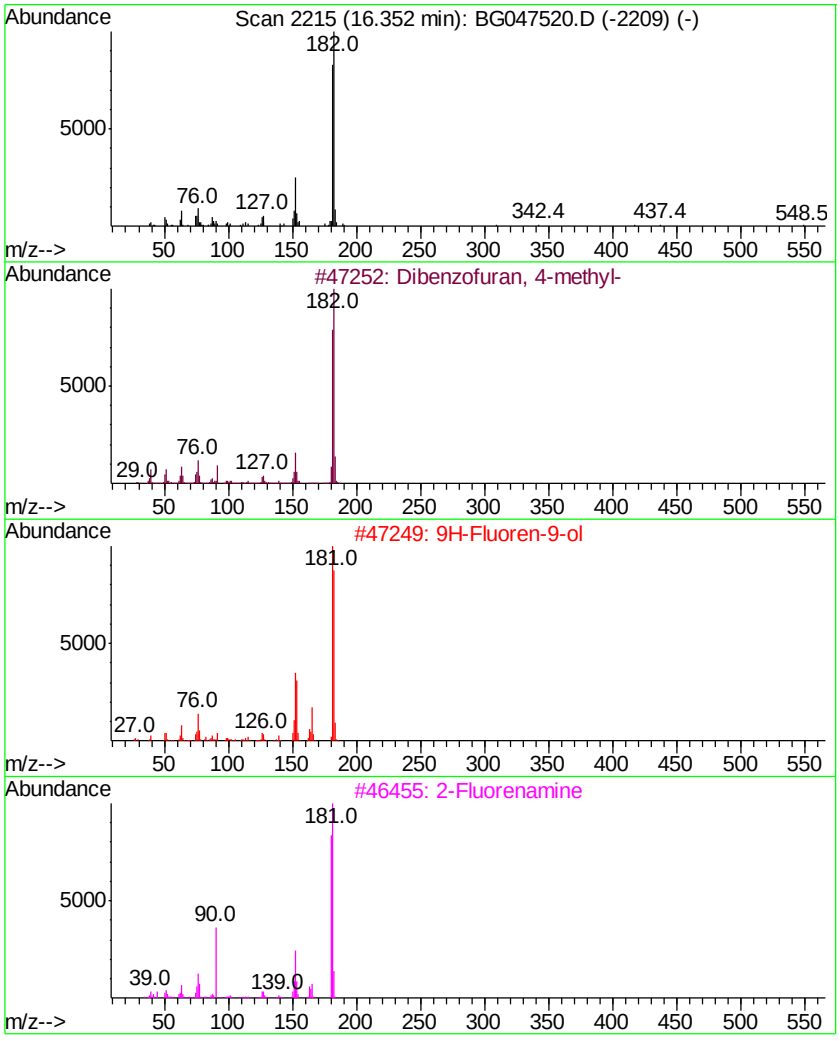
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

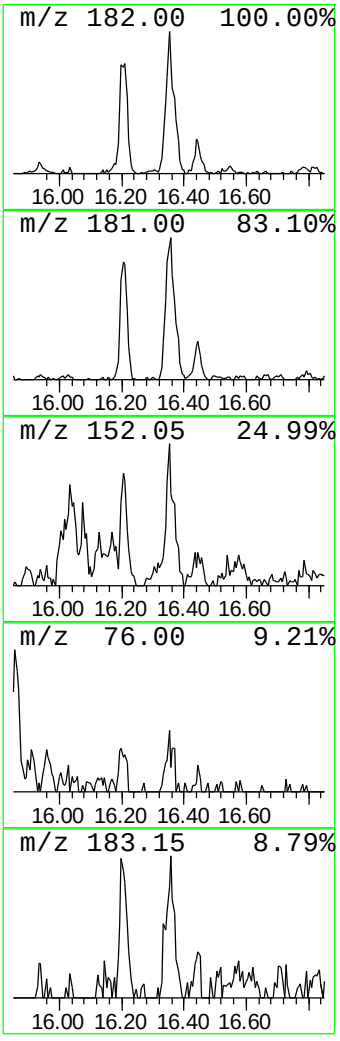
****

Peak Number 4 9H-Fluoren-9-ol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	4.42 ng/ul	148508	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
3	2-Fluorenamine	181	C13H11N	000153-78-6	49
4	9H-Xanthene	182	C13H10O	000092-83-1	47
5	2-Fluorenamine	181	C13H11N	000153-78-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

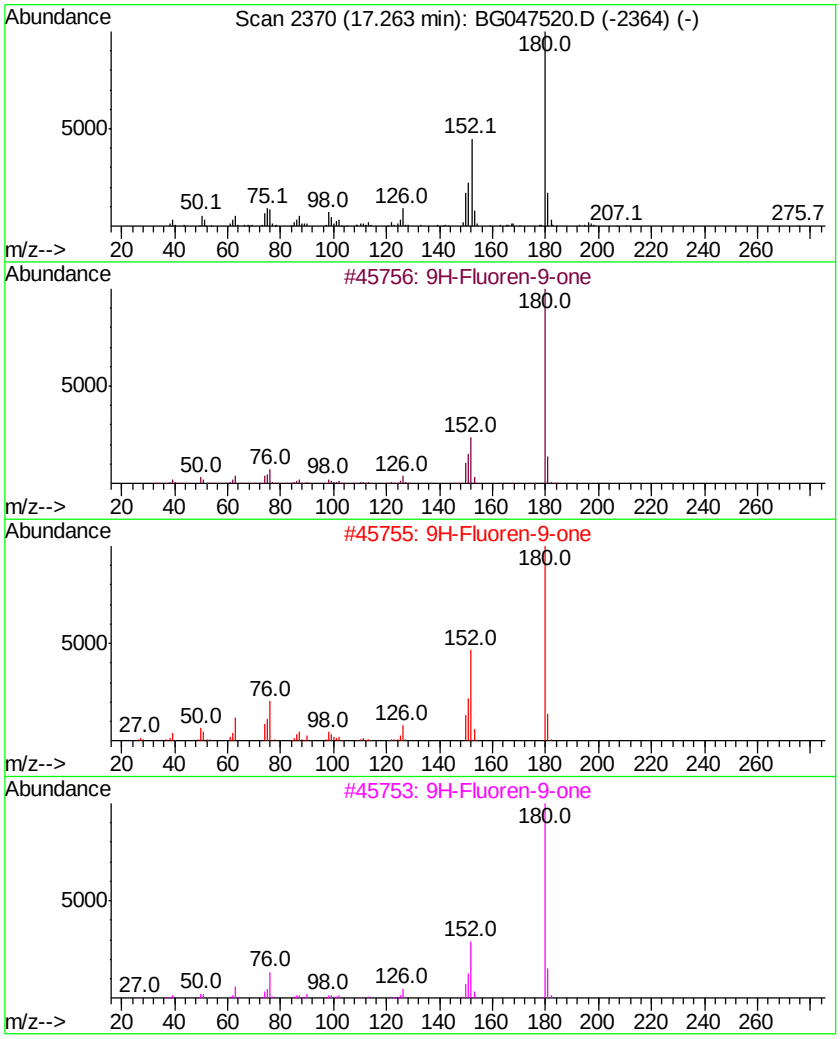
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

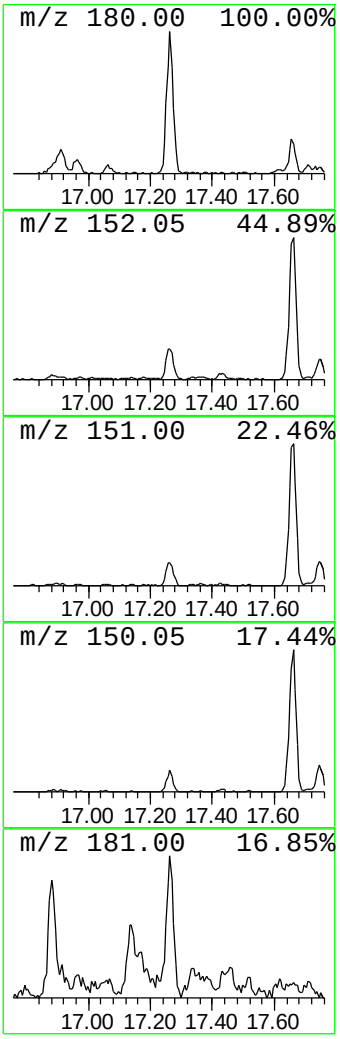
****

Peak Number 6 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	9.06 ng/ul	304820	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	Diphenic anhydride	224	C14H8O3	006050-13-1	90
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

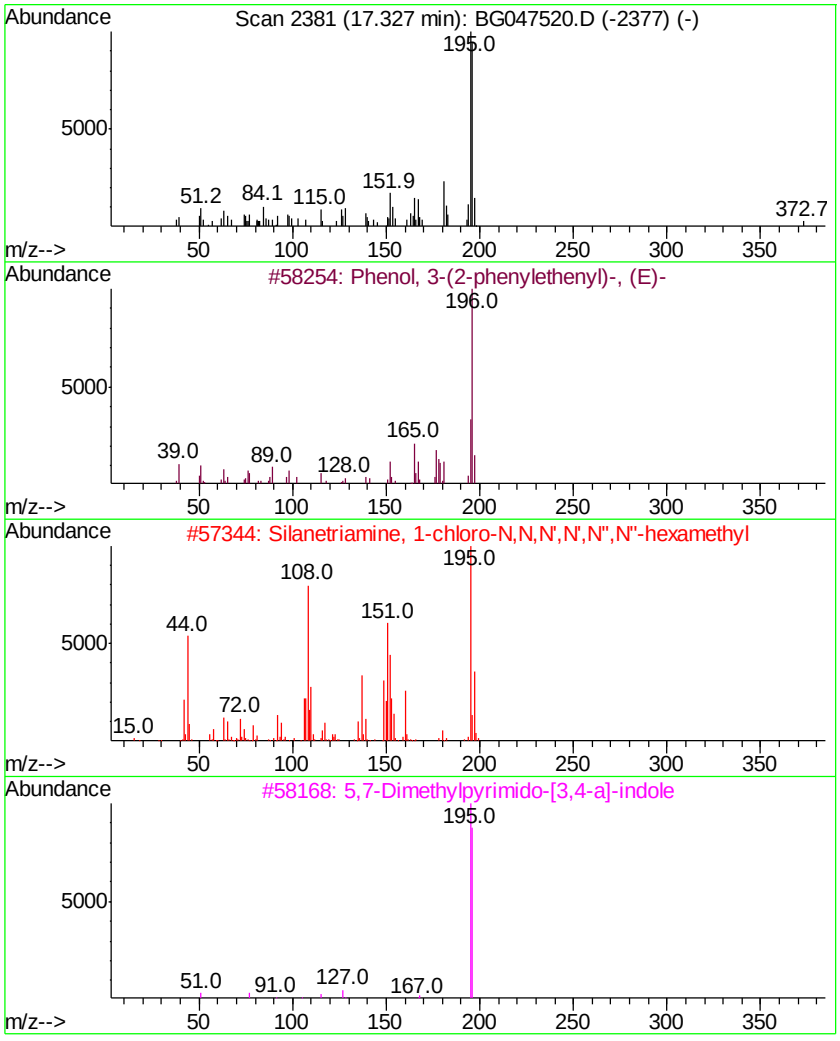
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

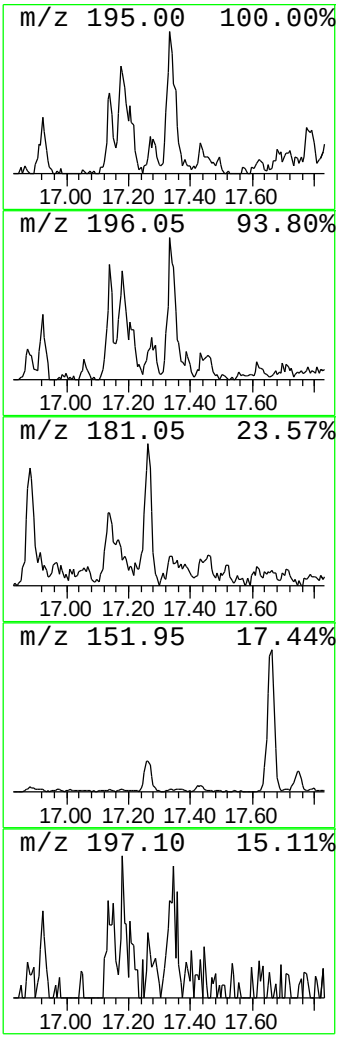
****

Peak Number 7 Phenol, 3-(2-phenylethenyl)... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	4.57 ng/ul	153623	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	92
2	Silanetriamine, 1-chloro-N,N,N',...	195	C6H18ClN3Si	013307-05-6	72
3	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	53
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	50





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Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

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Quant Title : SVOA CALIBRATION

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

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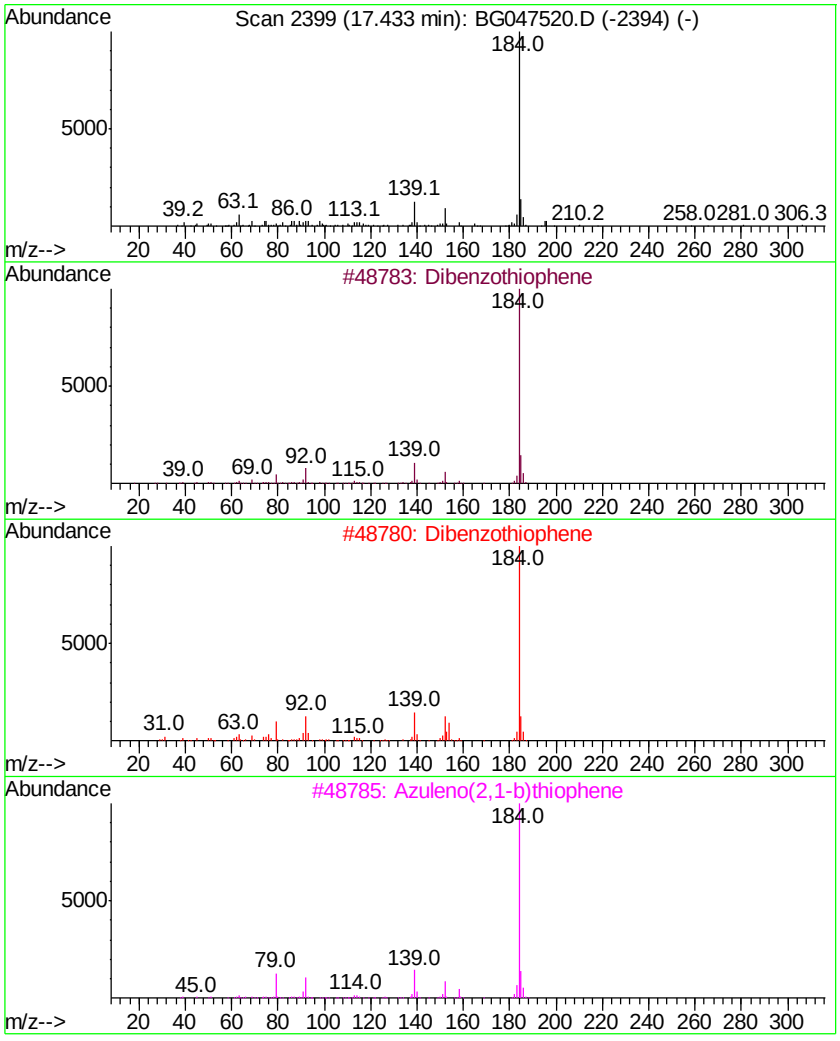
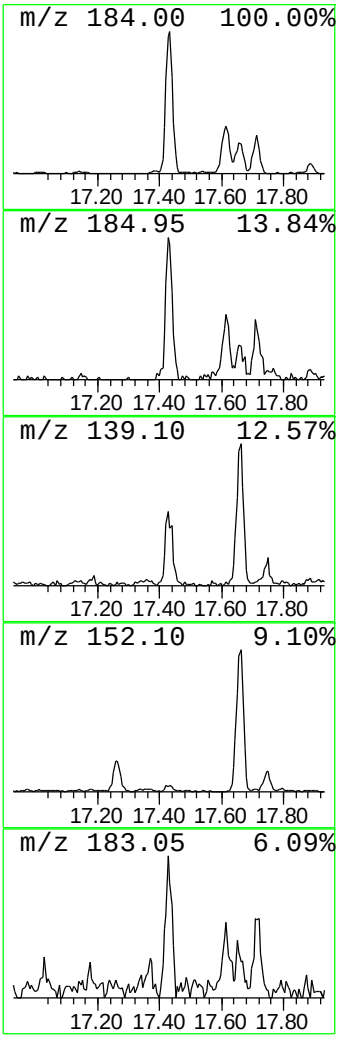
Peak Number 8 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	7.34 ng/ul	246983	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Dibenzothiophene	184	C12H8S	000132-65-0	91
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87





Library Search Compound Report

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Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

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Quant Title : SVOA CALIBRATION

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

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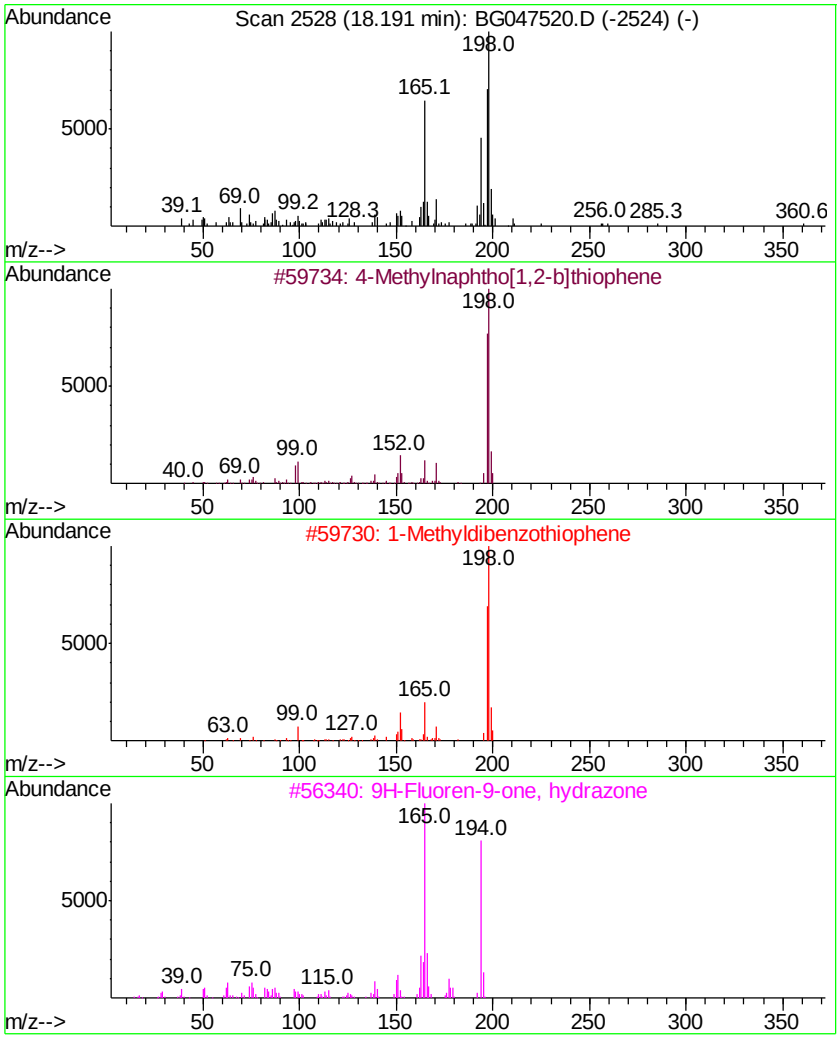
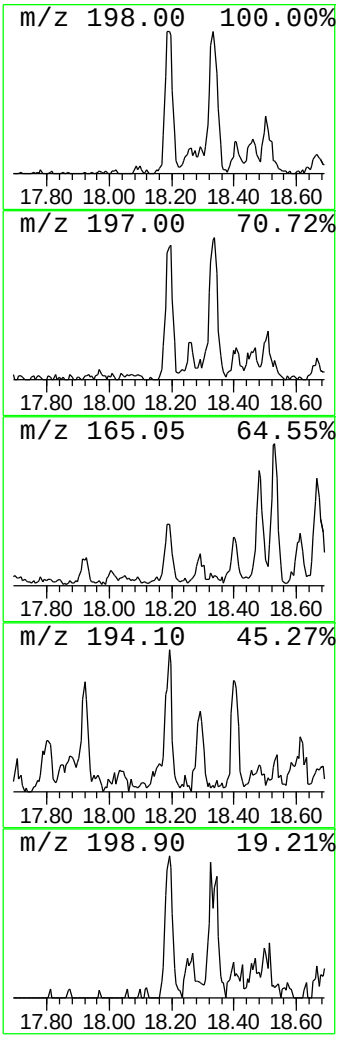
Peak Number 10 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	4.38 ng/ul	147360	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	53
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	52
3	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	51
4	9H-Fluorene-9-thiol	198	C13H10S	019552-08-0	47
5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	47





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Operator : CG/JU
Sample : L4865-04
Misc :
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Instrument : BNA_G
ClientSampleId : C0B24

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Quant Title : SVOA CALIBRATION

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

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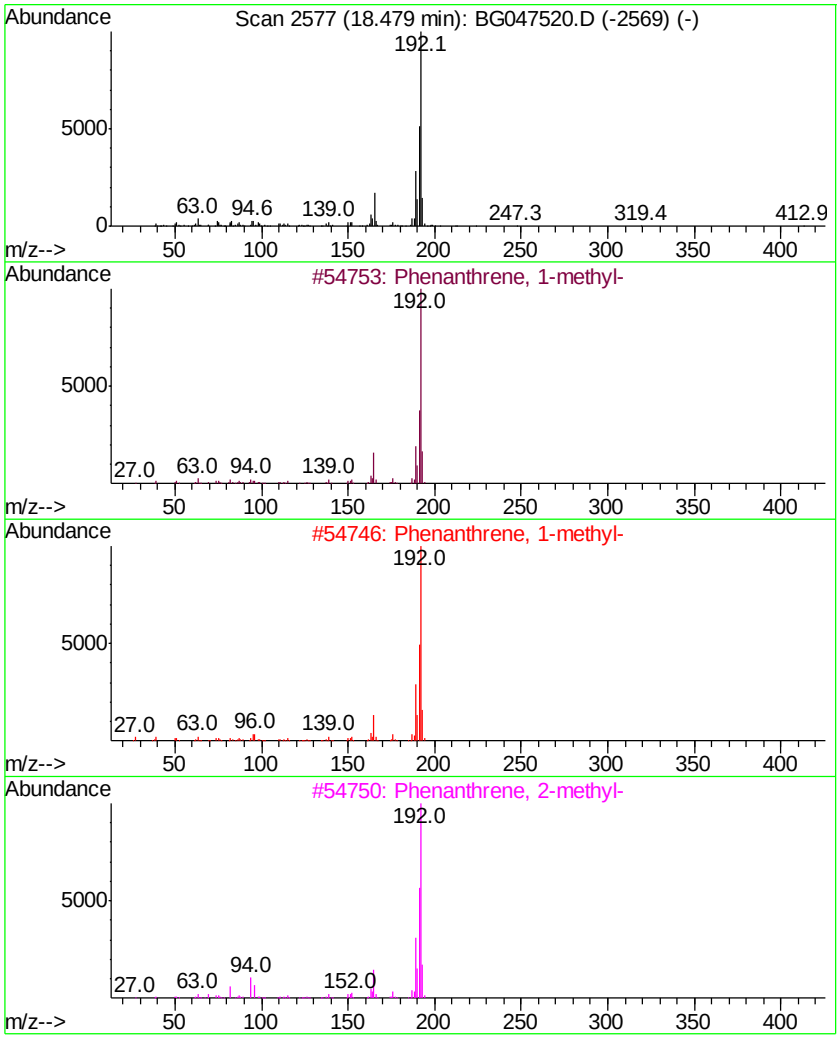
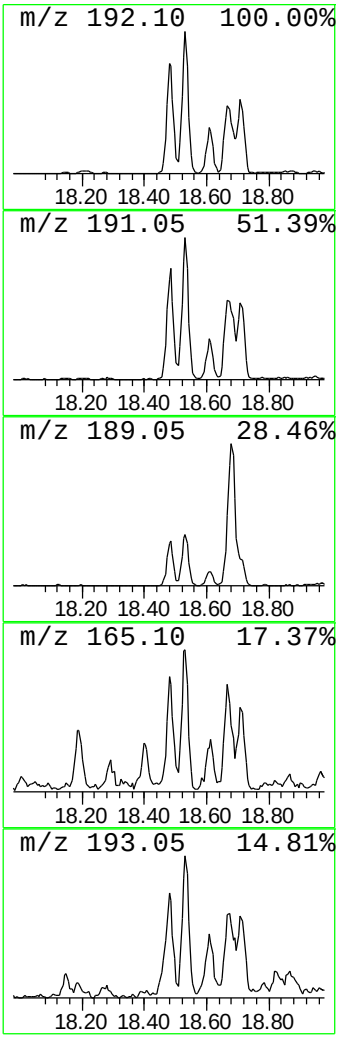
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	15.76 ng/ul	530108	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

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Quant Title : SVOA CALIBRATION

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

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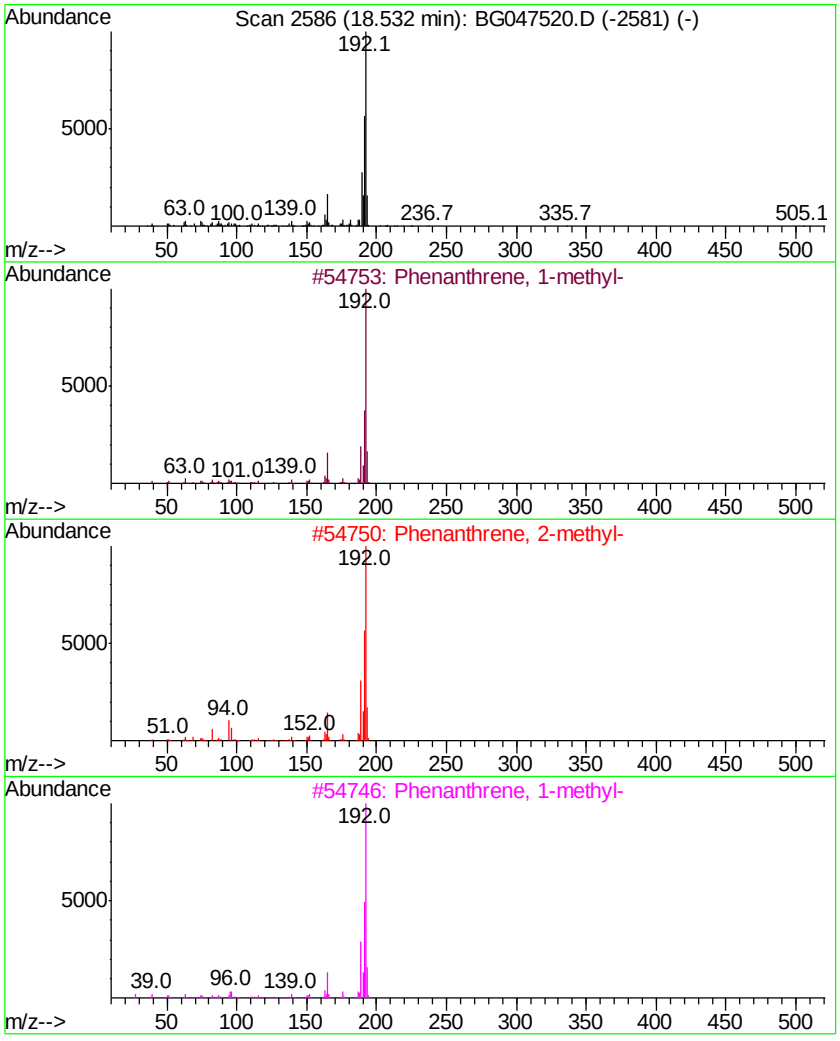
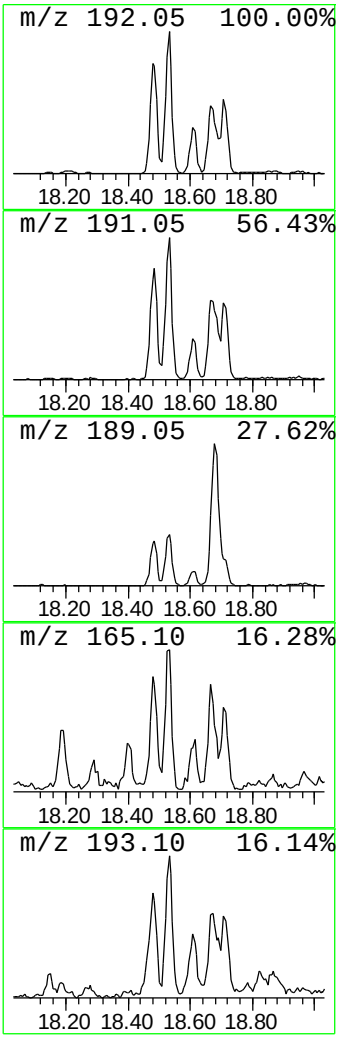
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	21.42 ng/ul	720300	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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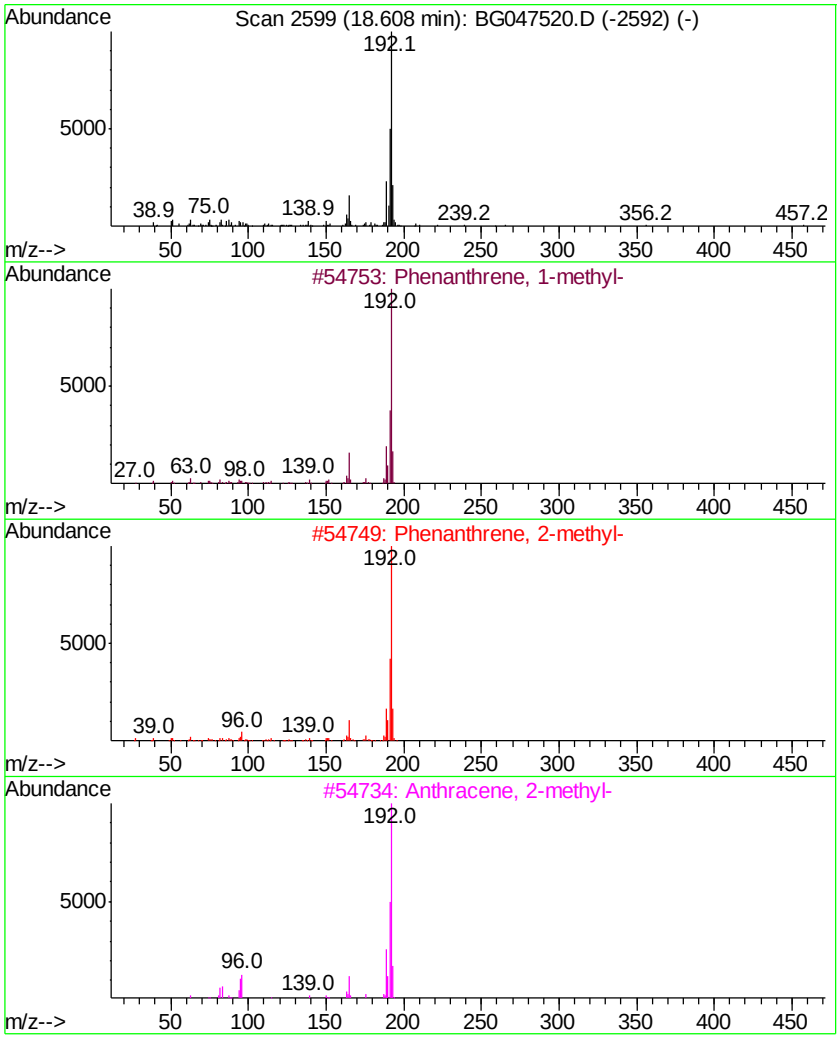
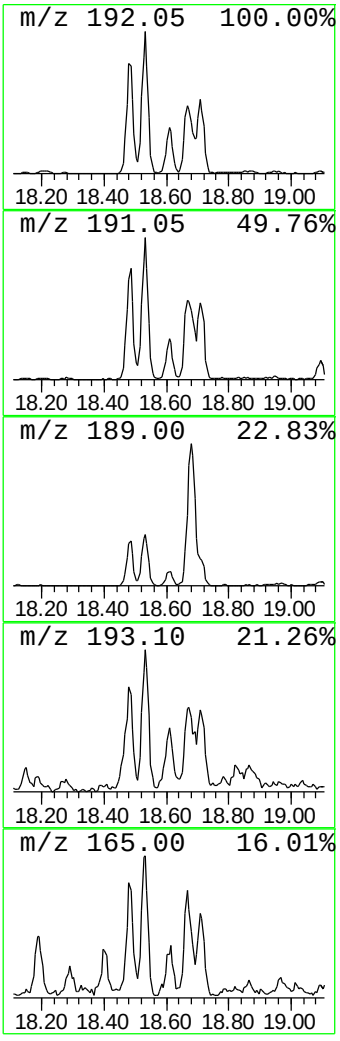
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	7.10 ng/ul	238824	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

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Quant Title : SVOA CALIBRATION

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

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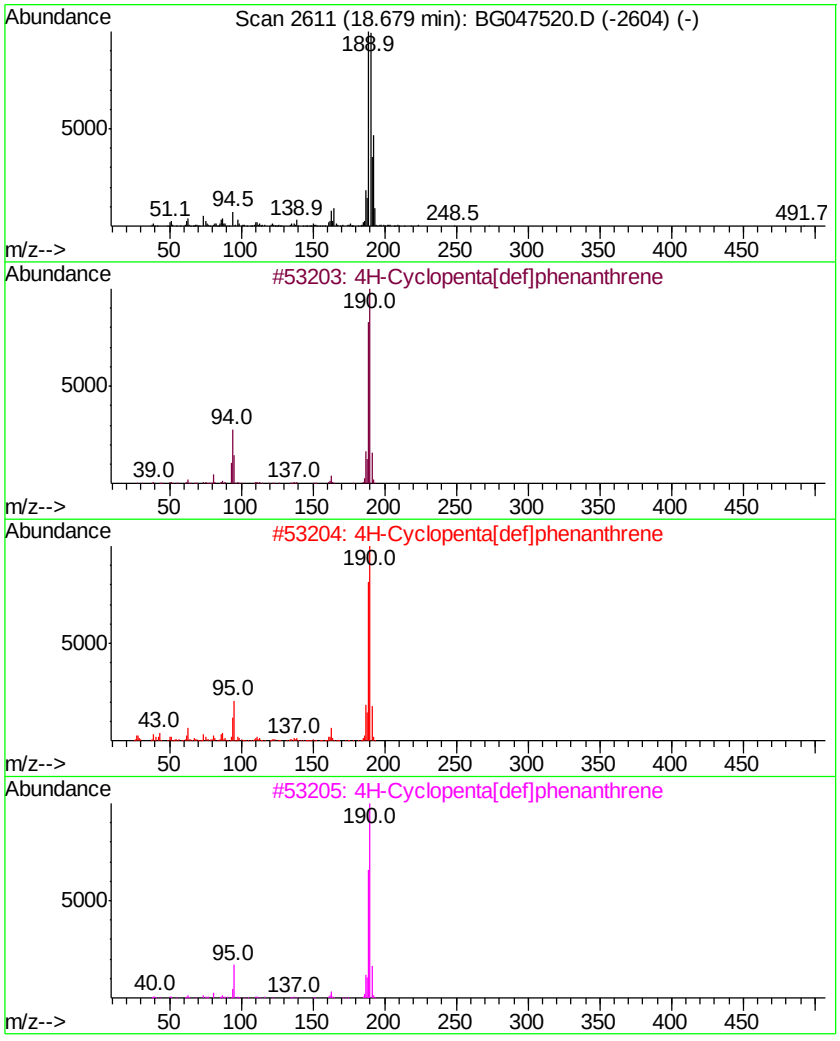
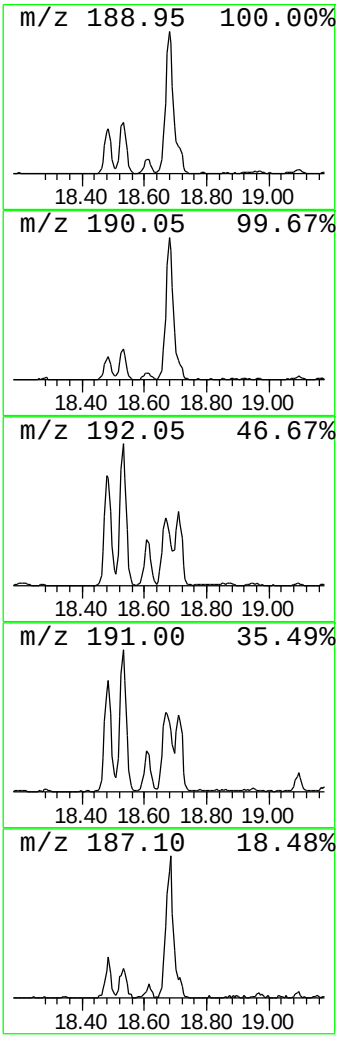
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	26.65 ng/ul	896243	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





Library Search Compound Report

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Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

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Quant Title : SVOA CALIBRATION

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

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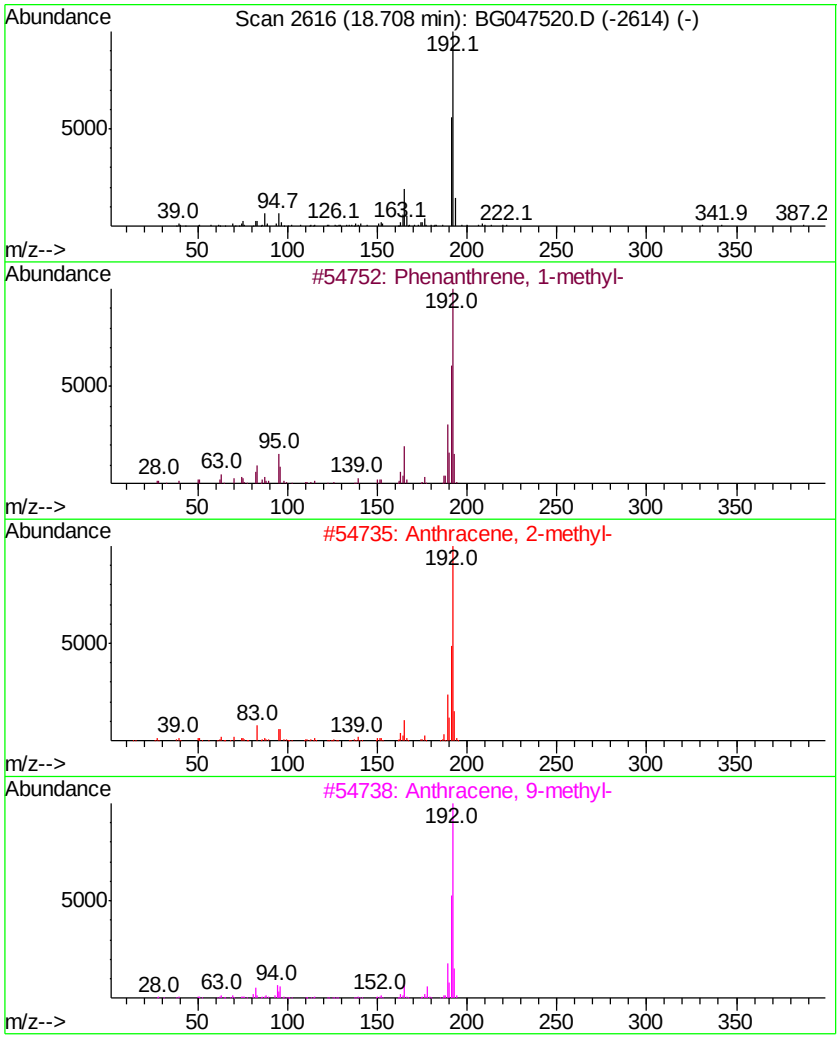
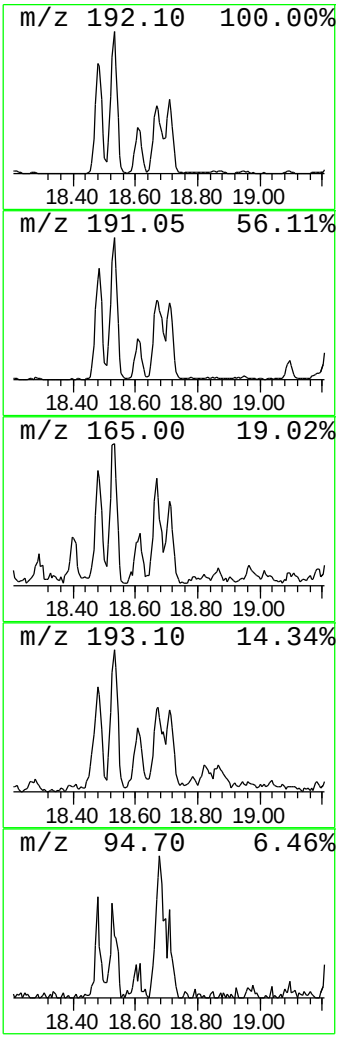
Peak Number 16 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	9.23 ng/ul	310269	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





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Misc :
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Instrument : BNA_G
ClientSampleId : C0B24

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Quant Title : SVOA CALIBRATION

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

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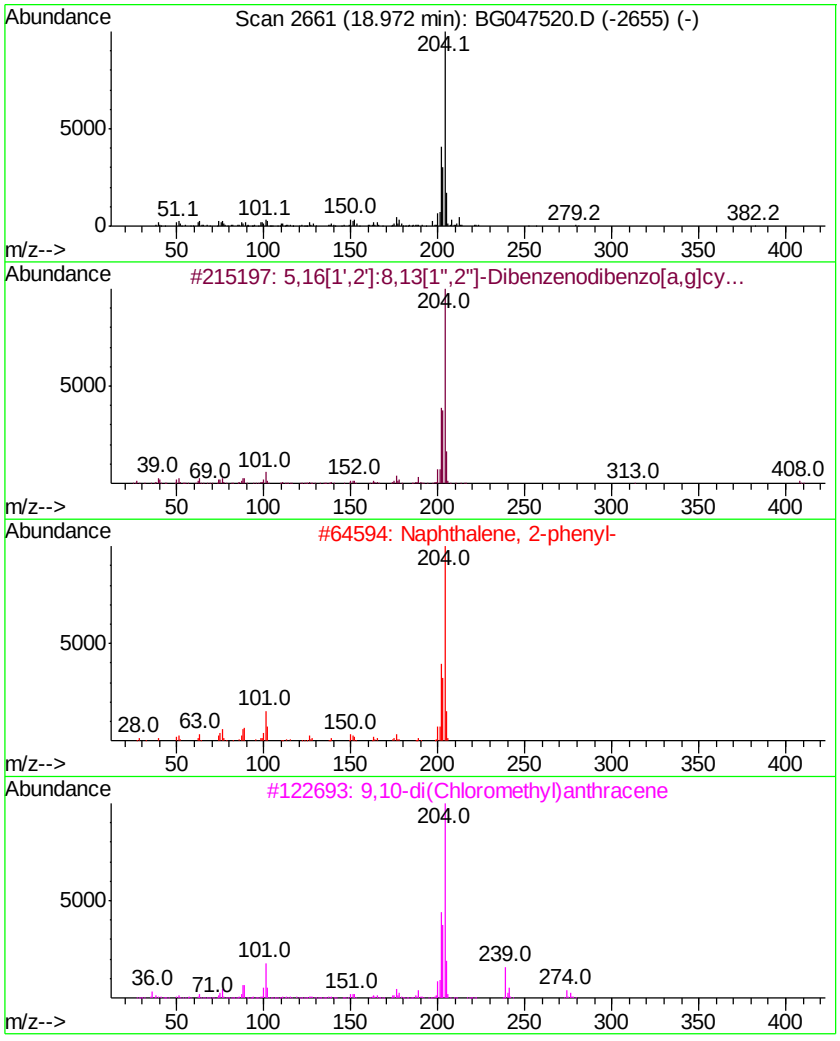
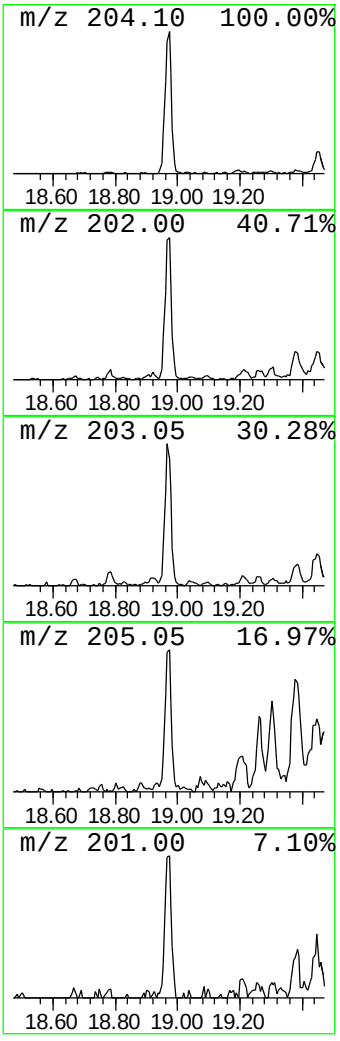
Peak Number 17 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	11.25 ng/ul	378443	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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ClientSampleId : C0B24

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Quant Title : SVOA CALIBRATION

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

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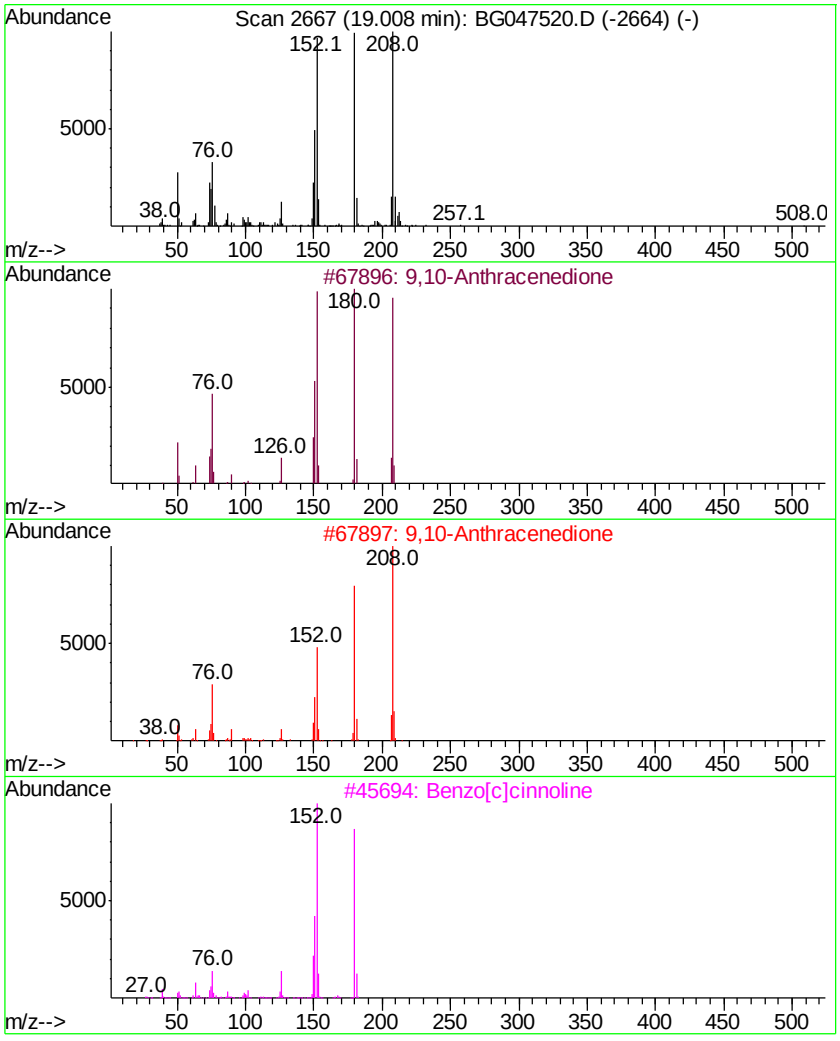
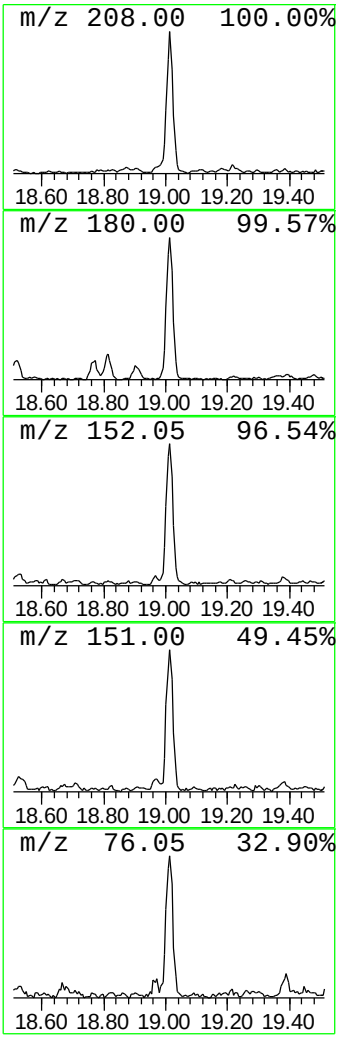
Peak Number 18 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	16.71 ng/ul	561839	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	64





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Instrument : BNA_G
ClientSampleId : C0B24

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Quant Title : SVOA CALIBRATION

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

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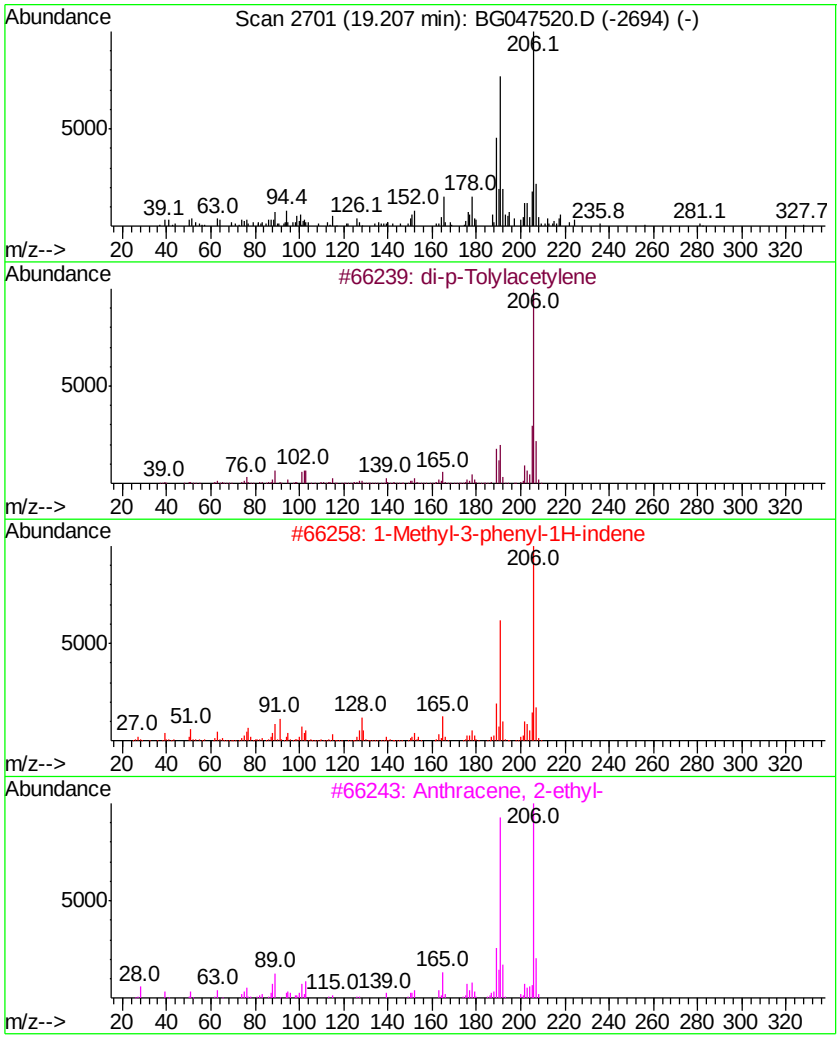
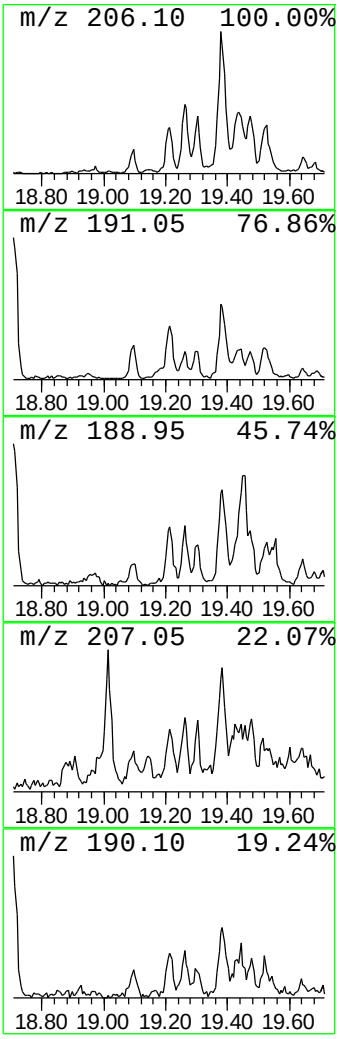
Peak Number 19 di-p-Tolylacetylene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	4.66 ng/ul	156828	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
2	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	76
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	76
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	74
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	74





Library Search Compound Report

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ClientSampleId : C0B24

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Quant Title : SVOA CALIBRATION

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

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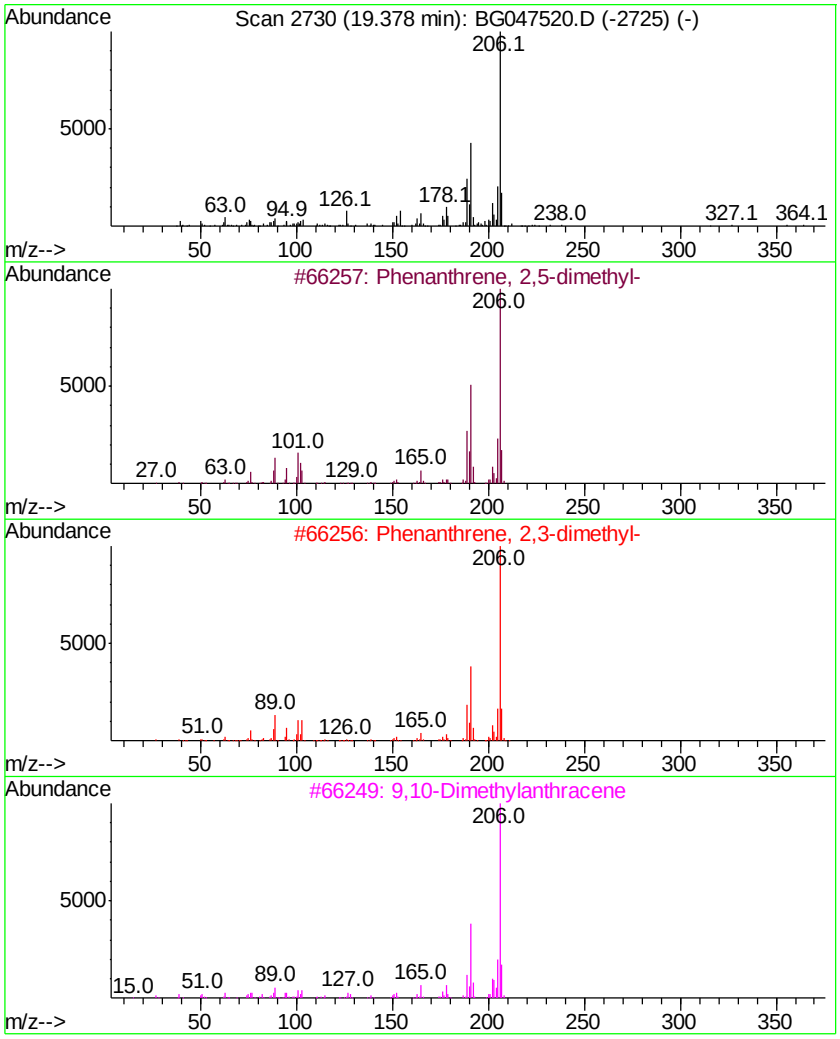
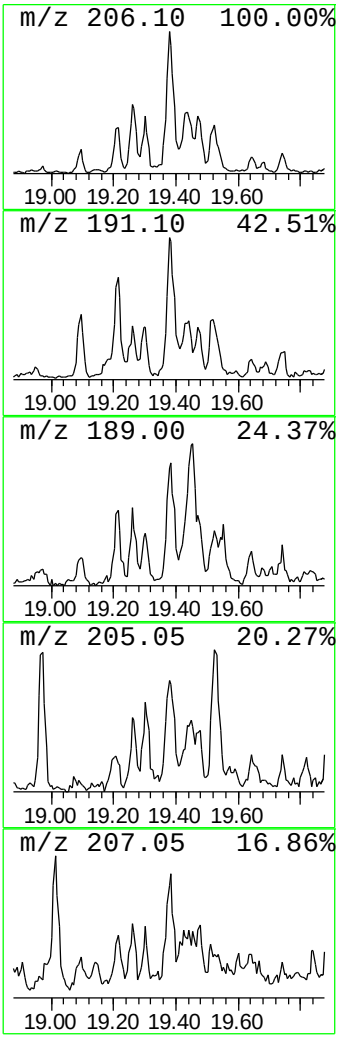
Peak Number 21 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	11.57 ng/ul	389076	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81





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Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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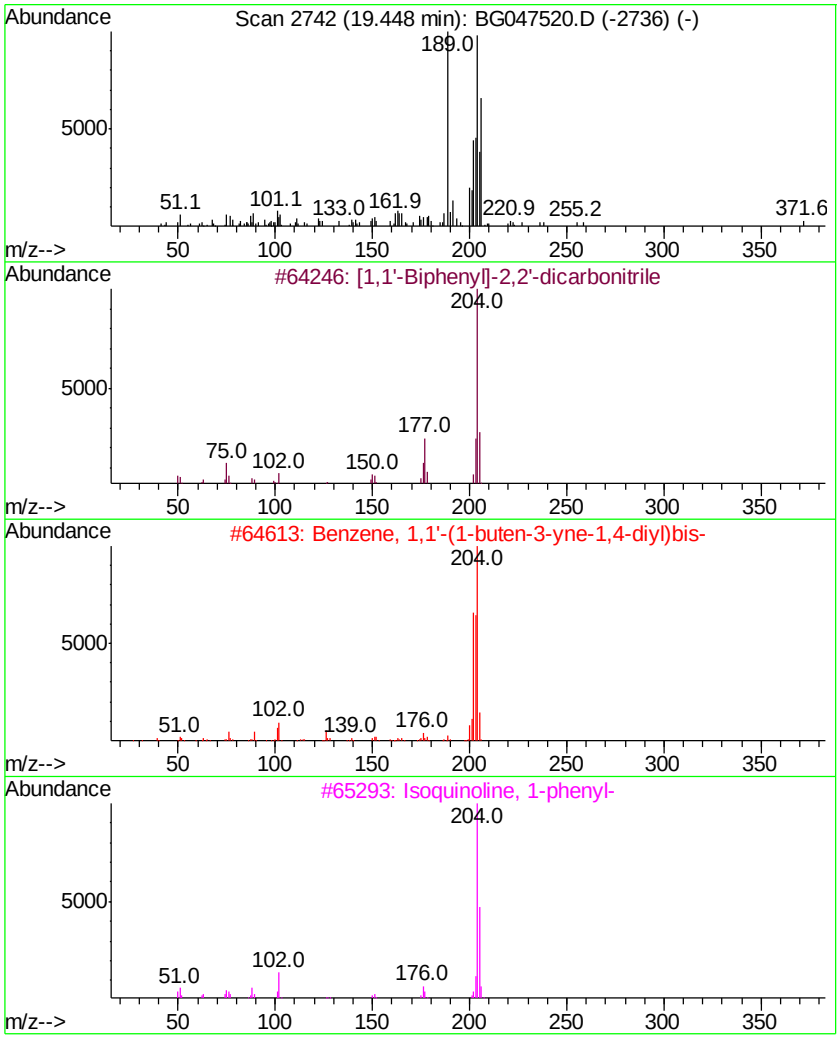
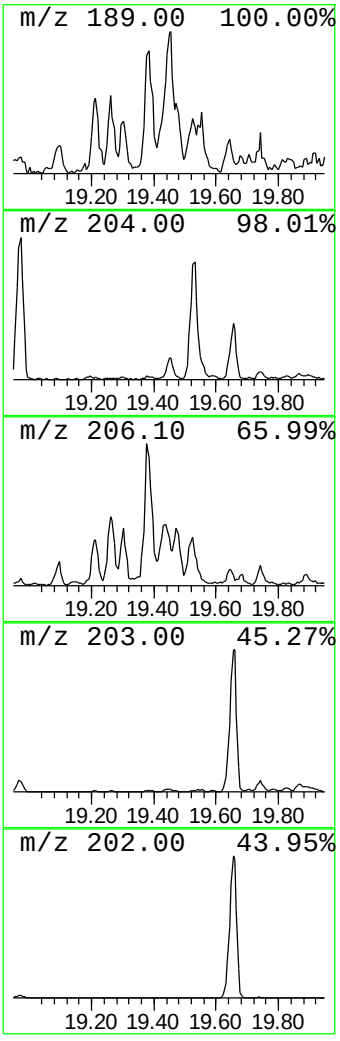
Peak Number 22 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	3.57 ng/ul	120077	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	30
2	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	30
3	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	27
4	4-Pyridinol 3,5-dichloro-2-ethyl...	205	C8H9Cl2NO	1000253-55-0	27
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	25





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Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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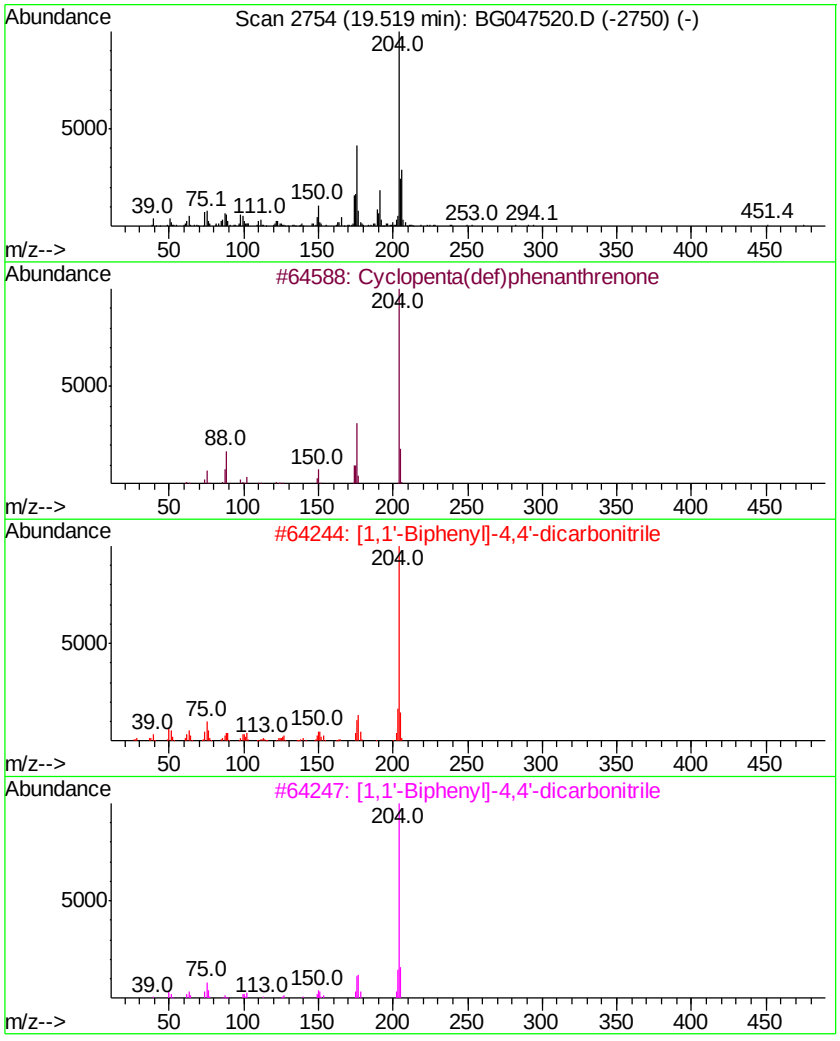
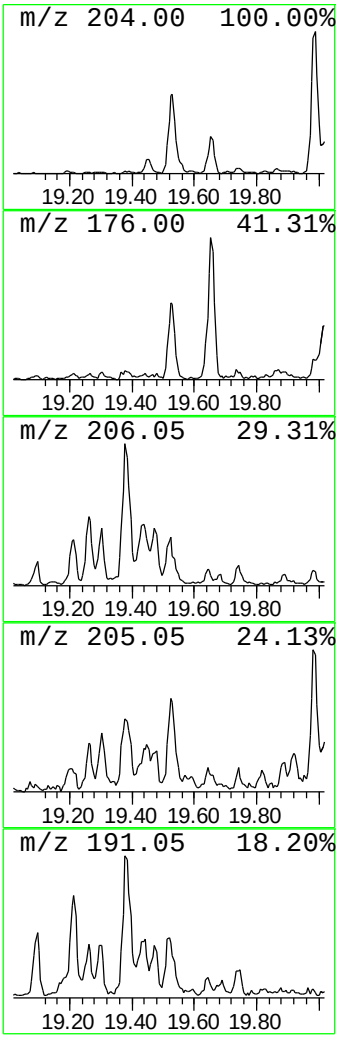
Peak Number 23 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	12.19 ng/ul	410100	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	74
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	46
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43





Library Search Compound Report

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Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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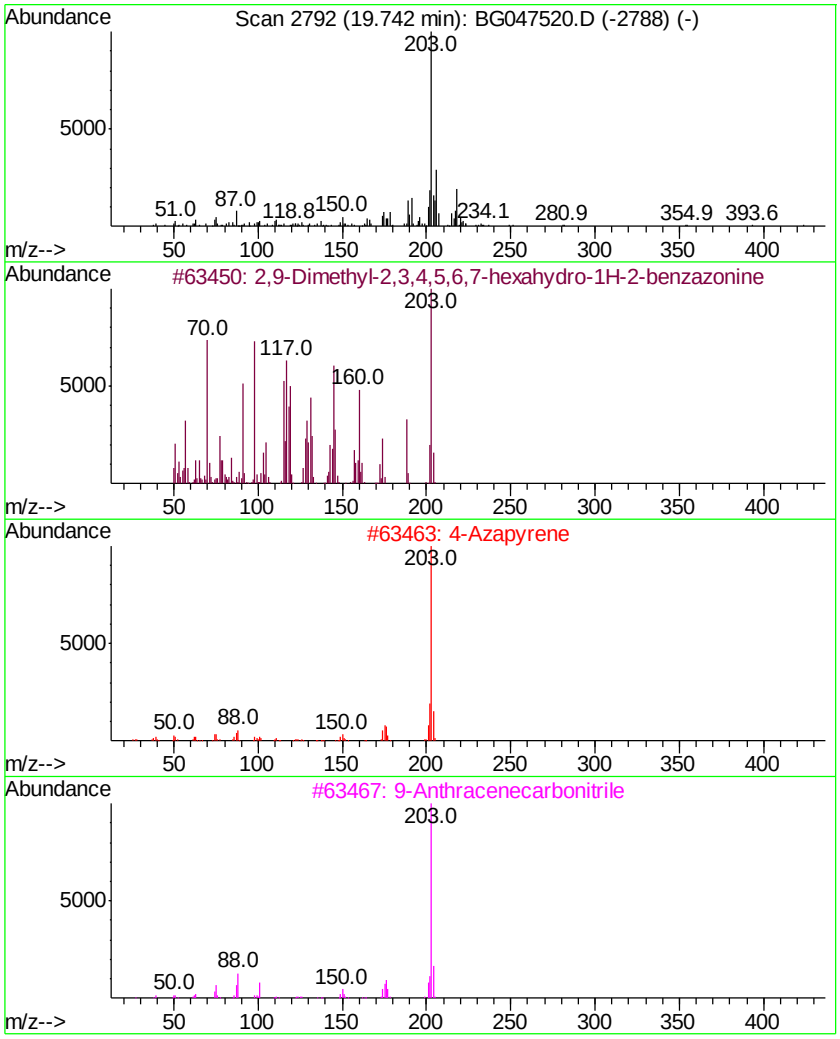
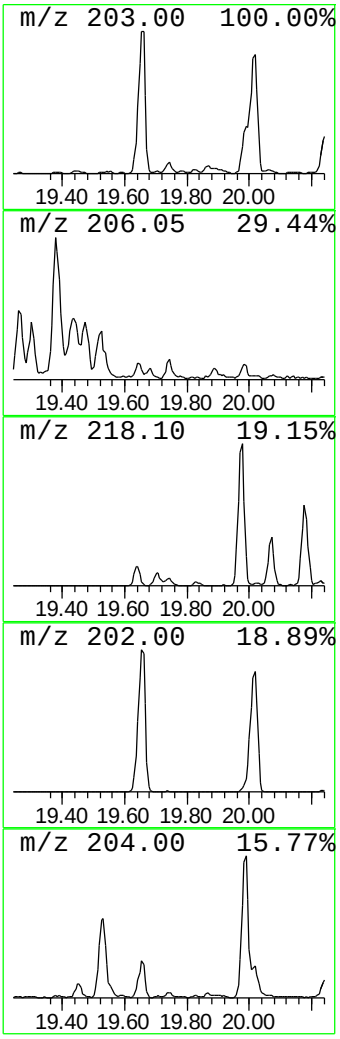
Peak Number 24 2,9-Dimethyl-2,3,4,5,6,7-he... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	5.04 ng/ul	169603	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,9-Dimethyl-2,3,4,5,6,7-hexahyd...	203	C14H21N	077581-11-4	86
2	4-Azapyrene	203	C15H9N	000194-03-6	83
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	78
4	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	64
5	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	64





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Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

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Quant Title : SVOA CALIBRATION

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

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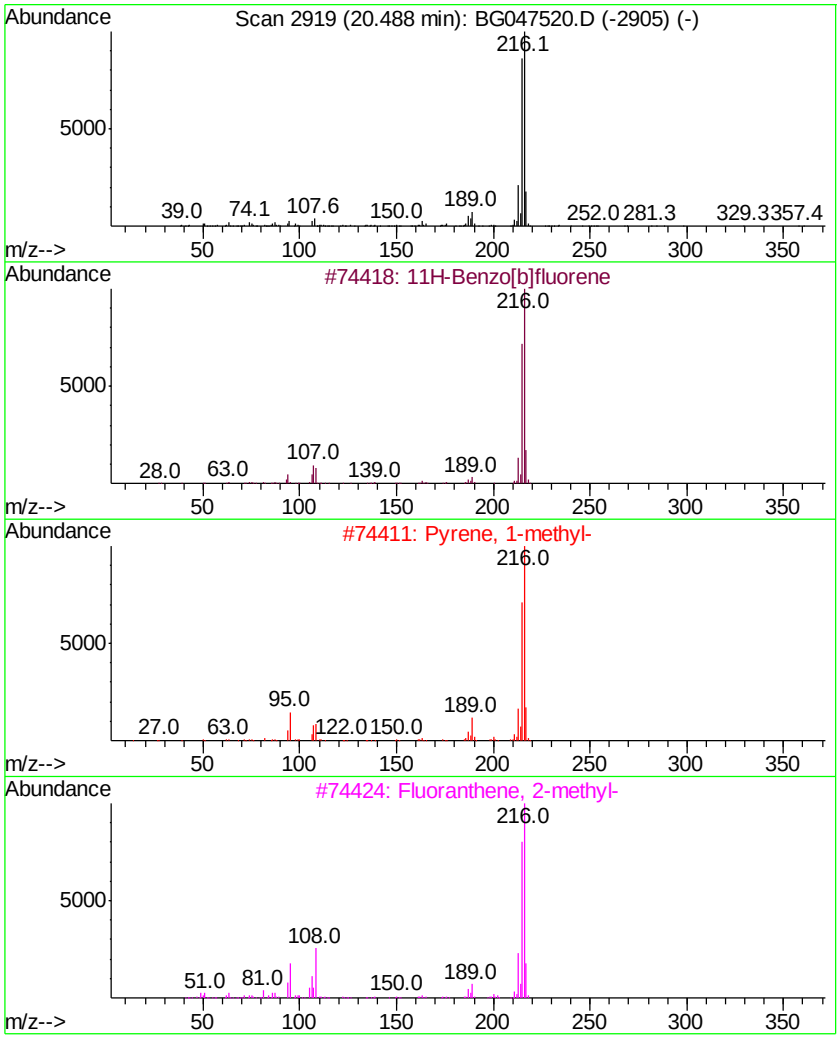
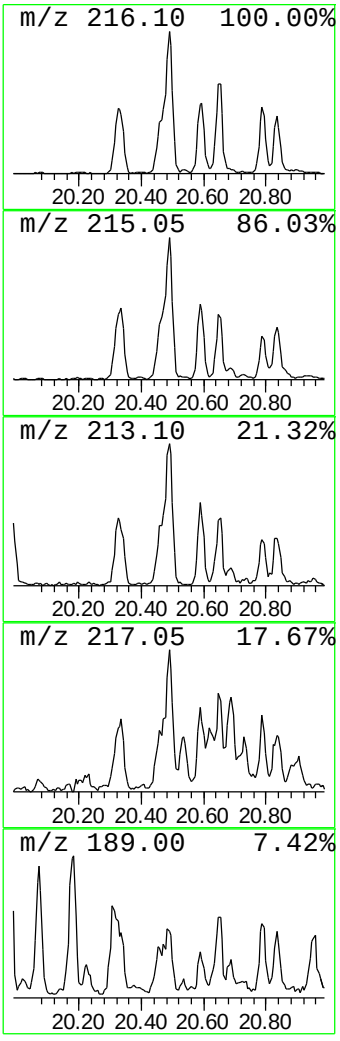
Peak Number 26 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	4.67 ng/ul	1190550	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





Library Search Compound Report

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Acq On : 2 Dec 2020 7:16
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Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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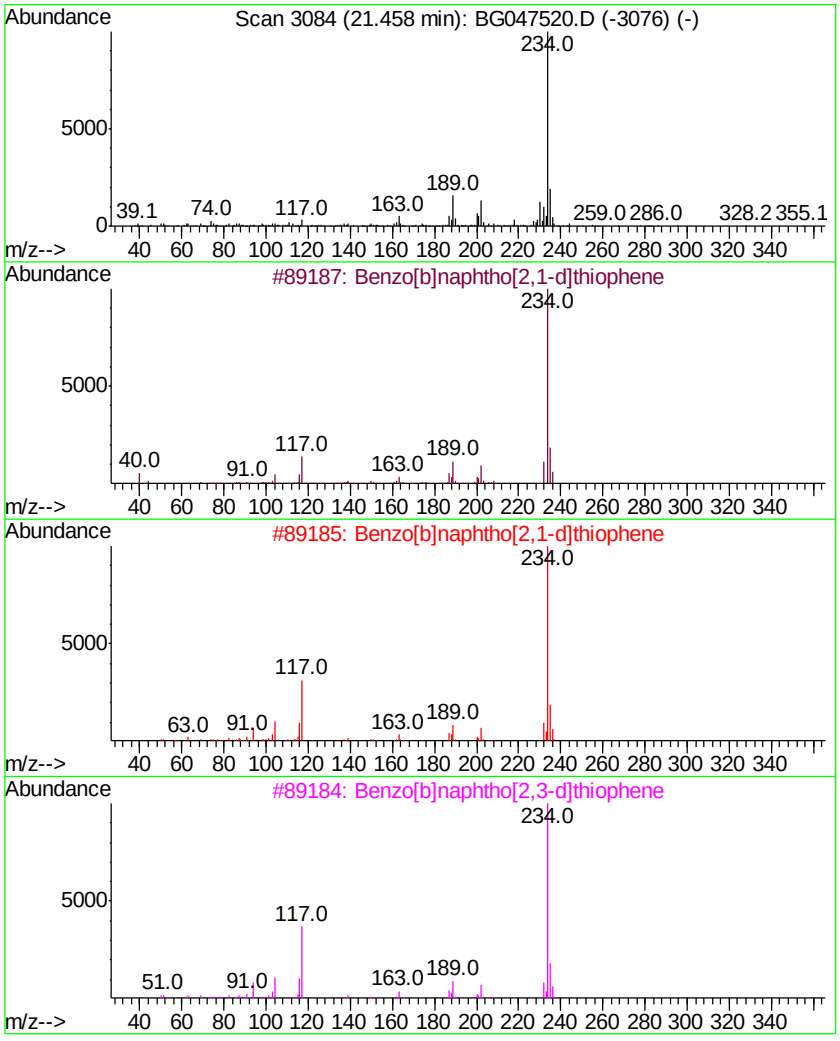
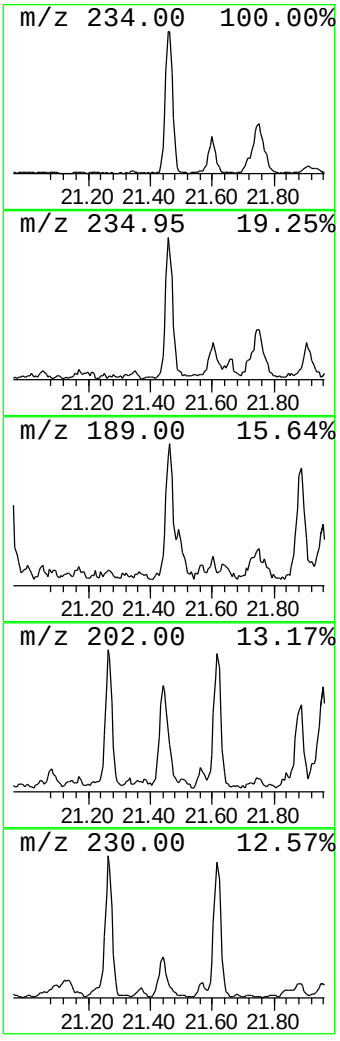
Peak Number 29 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	3.34 ng/ul	852386	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83





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Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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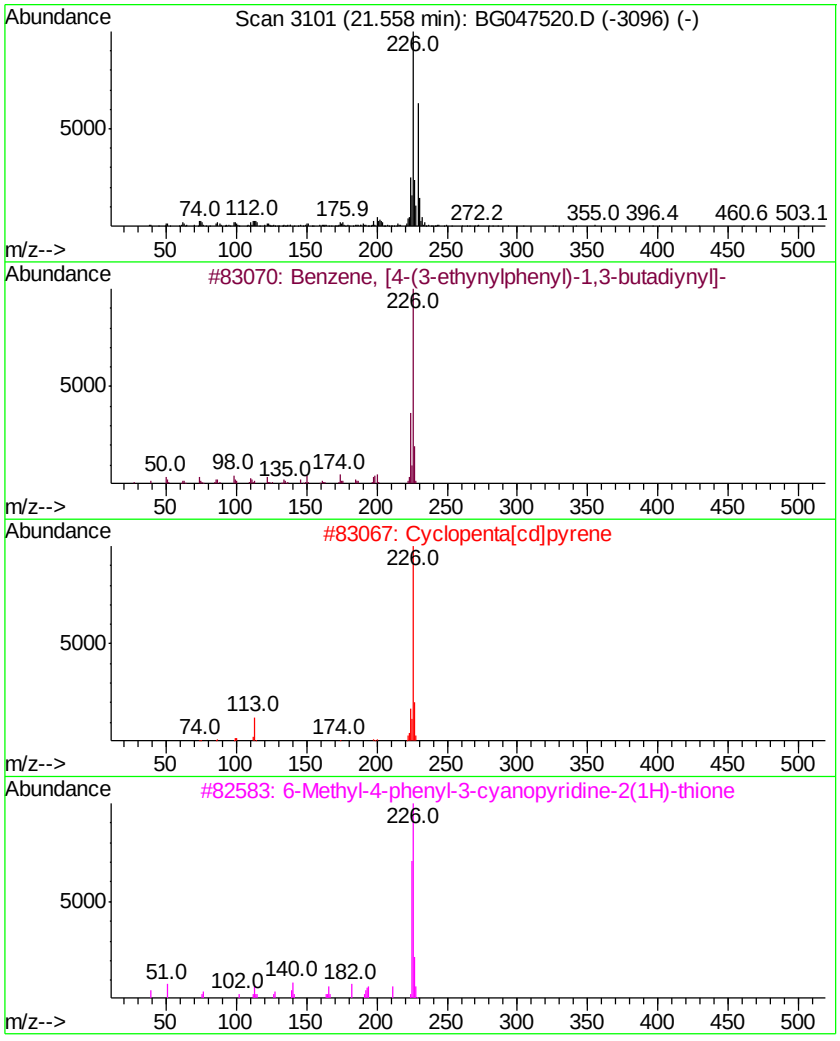
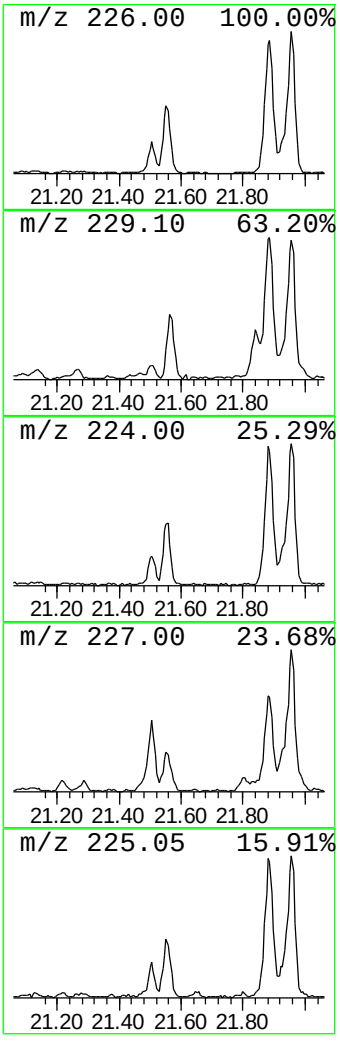
Peak Number 31 unknown-02 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	2.42 ng/ul	617953	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	49
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
3	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	37
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	37
5	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	35





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Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

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Quant Title : SVOA CALIBRATION

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

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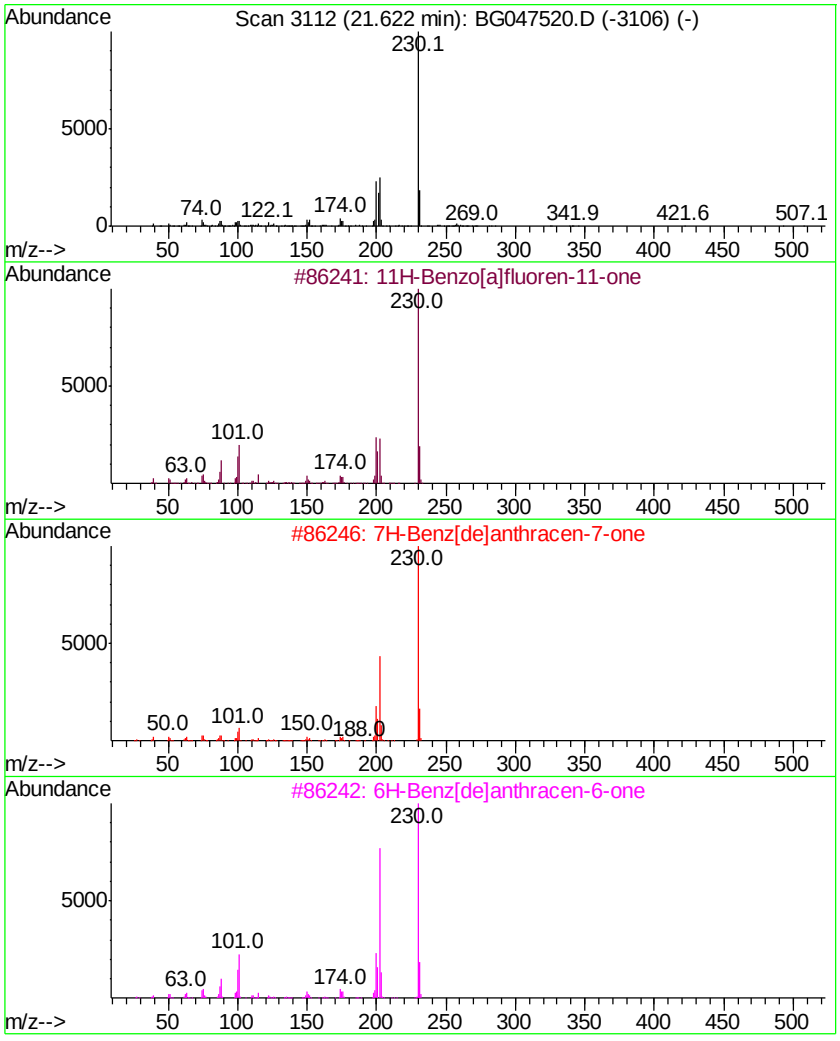
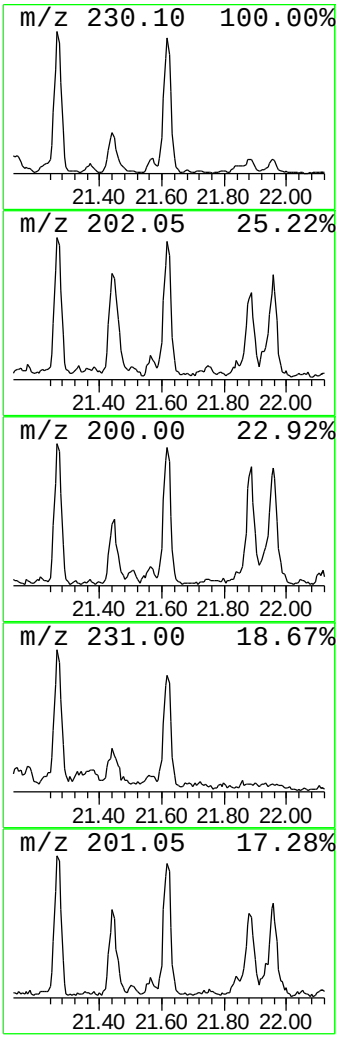
Peak Number 32 7H-Benz[de]anthracen-7-one Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	3.53 ng/ul	899789	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	56
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	50





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Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
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Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

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Quant Title : SVOA CALIBRATION

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

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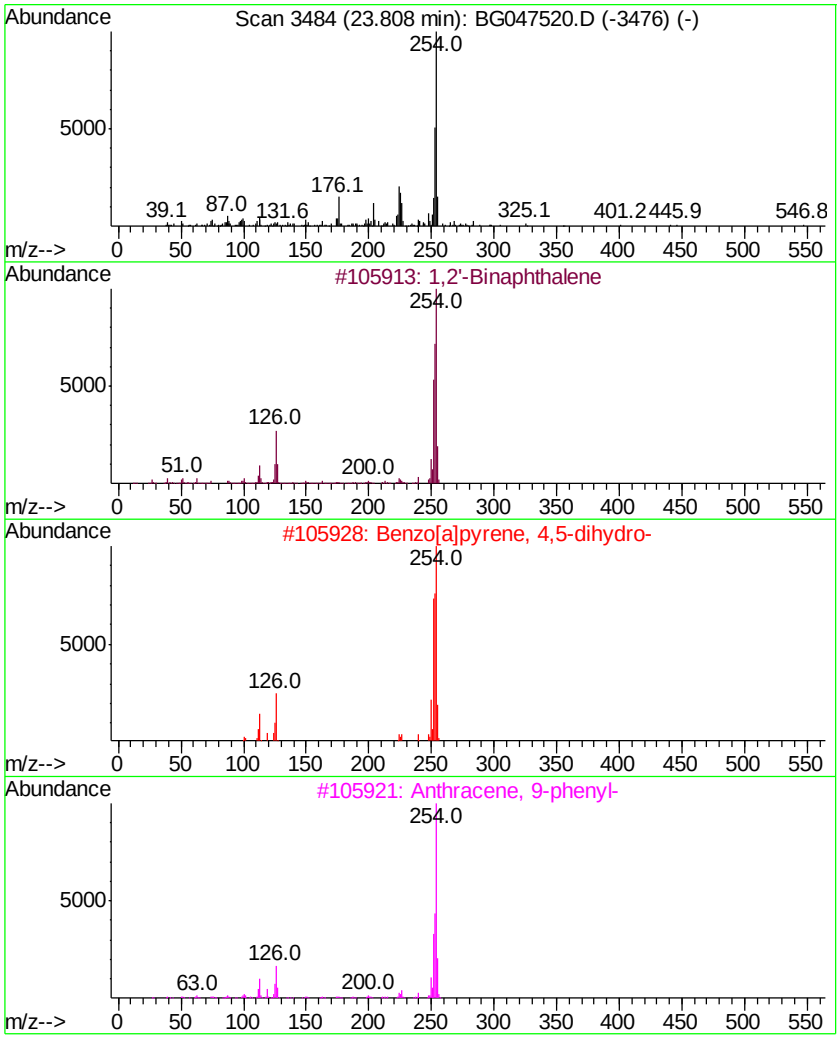
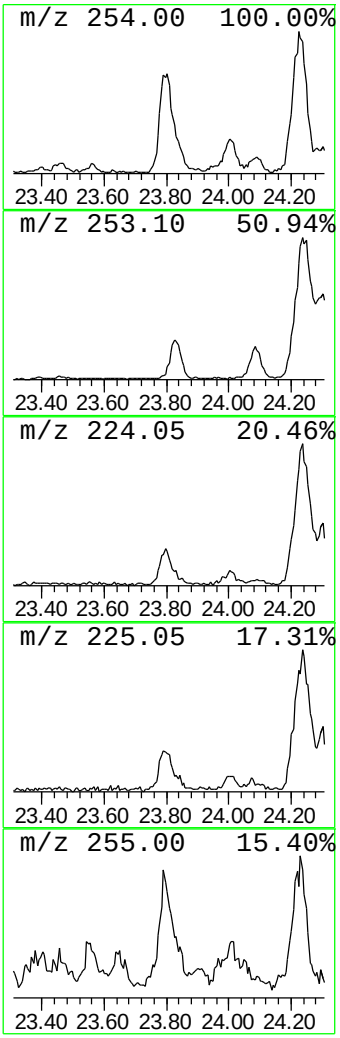
Peak Number 35 1,2'-Binaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	5.02 ng/ul	230205	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2'-Binaphthalene	254	C20H14	004325-74-0	64
2	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	64
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	59
4	Benzenamine, 4-(2-benzothiazolyl...	254	C15H14N2S	010205-56-8	52
5	Benzenamine, 4-(2-benzothiazolyl...	254	C15H14N2S	010205-56-8	50





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Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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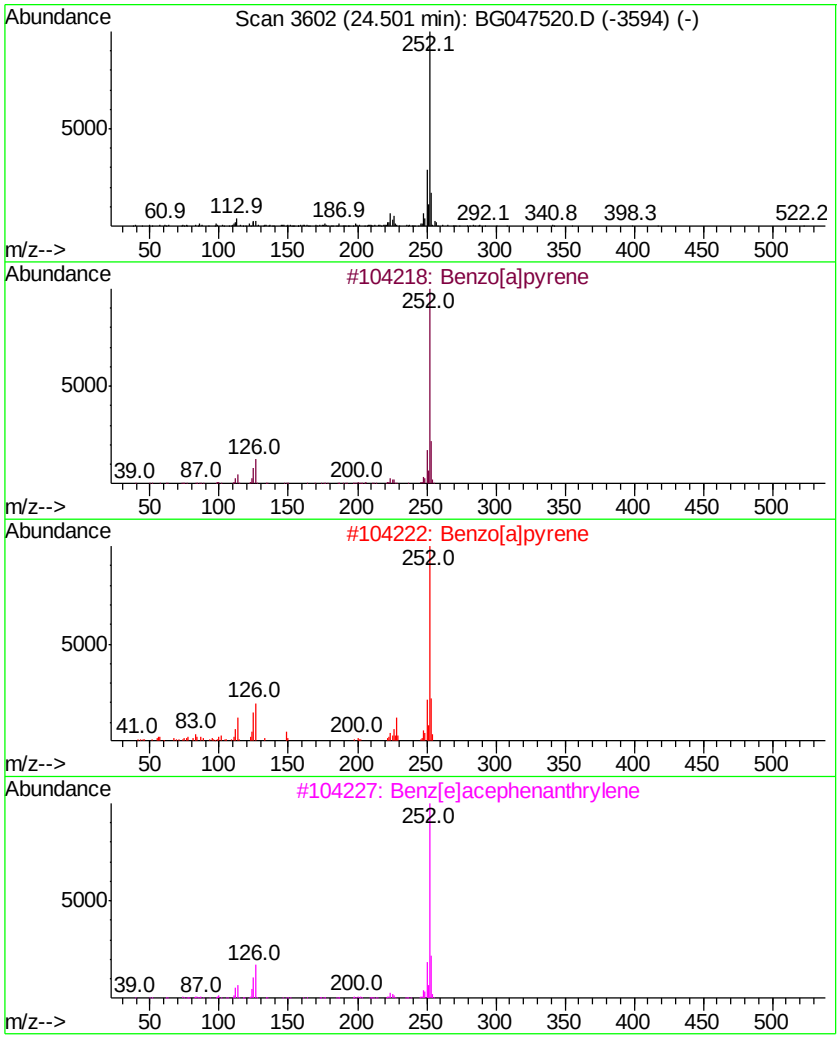
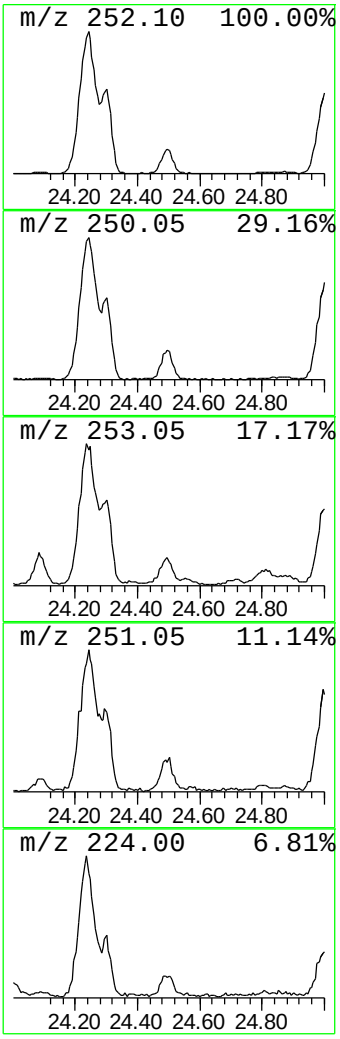
Peak Number 37 Perylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.50	11.02 ng/ul	505535	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	83
2	Benzo[a]pyrene	252	C20H12	000050-32-8	74
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	74
4	Perylene	252	C20H12	000198-55-0	72
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	72





Library Search Compound Report

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Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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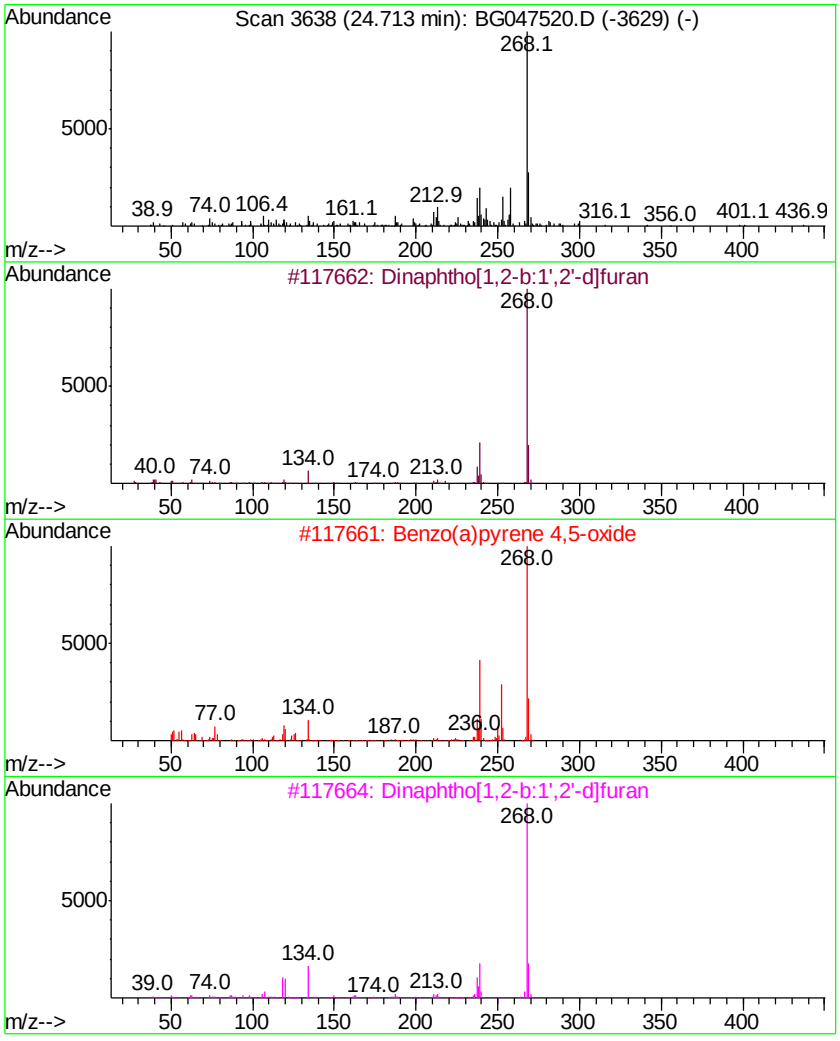
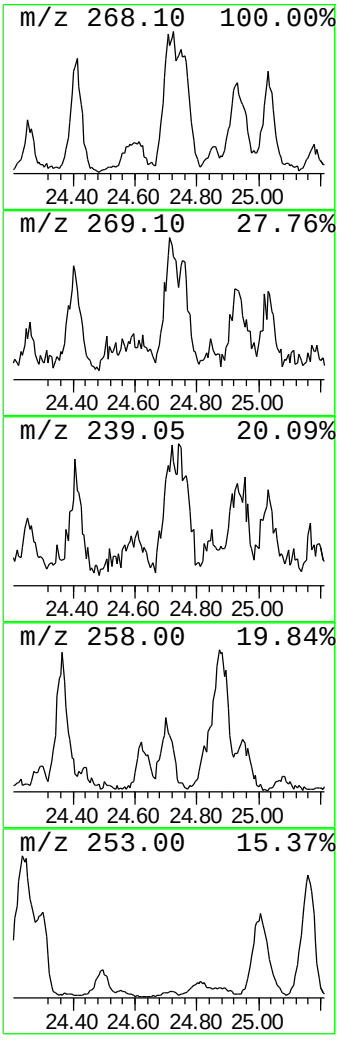
Peak Number 38 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.71	6.12 ng/ul	280567	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
3	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	62
4	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	58
5	Coumaran-6-ol-3-one, 2-[4-methox...	268	C16H12O4	020727-61-1	52





Library Search Compound Report

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Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

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Quant Title : SVOA CALIBRATION

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

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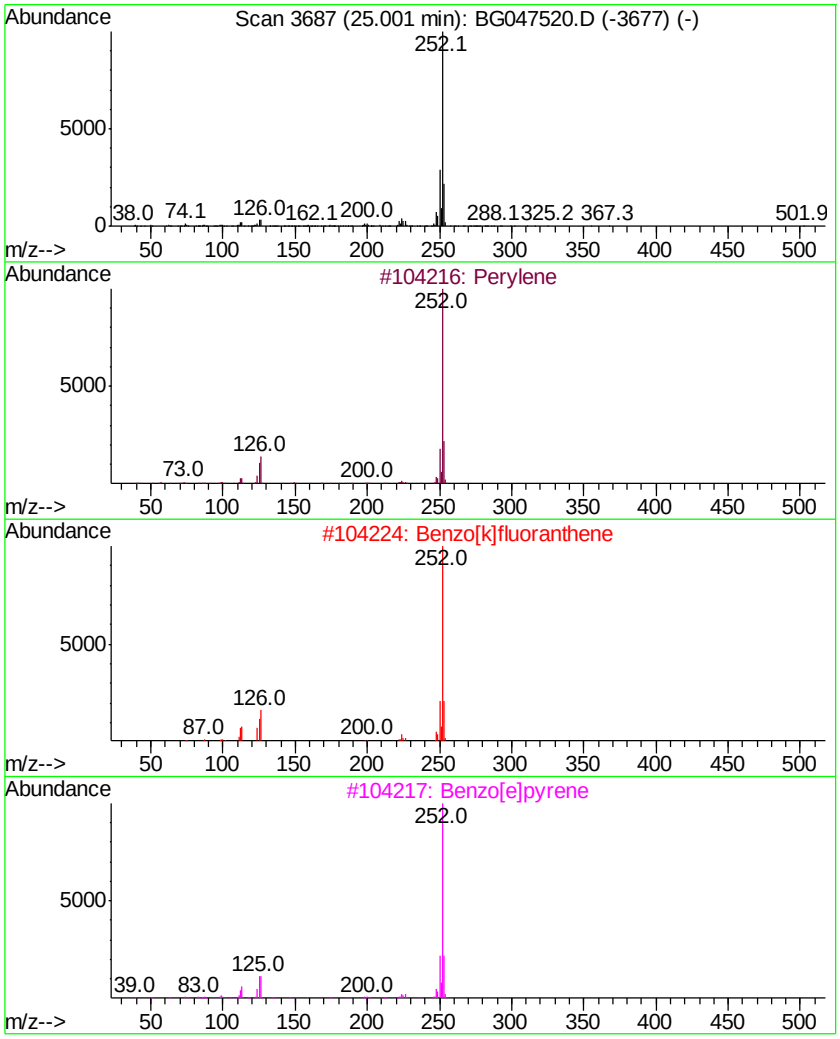
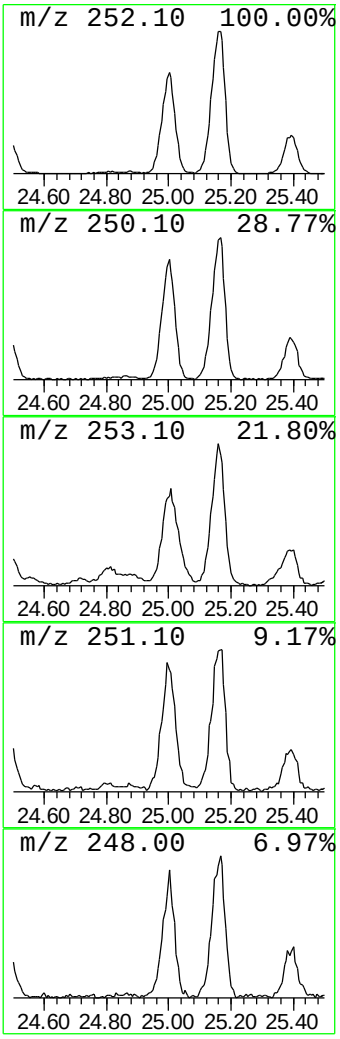
Peak Number 39 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.00	41.15 ng/ul	1887400	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	91
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	87
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81





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Acq On : 2 Dec 2020 7:16
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Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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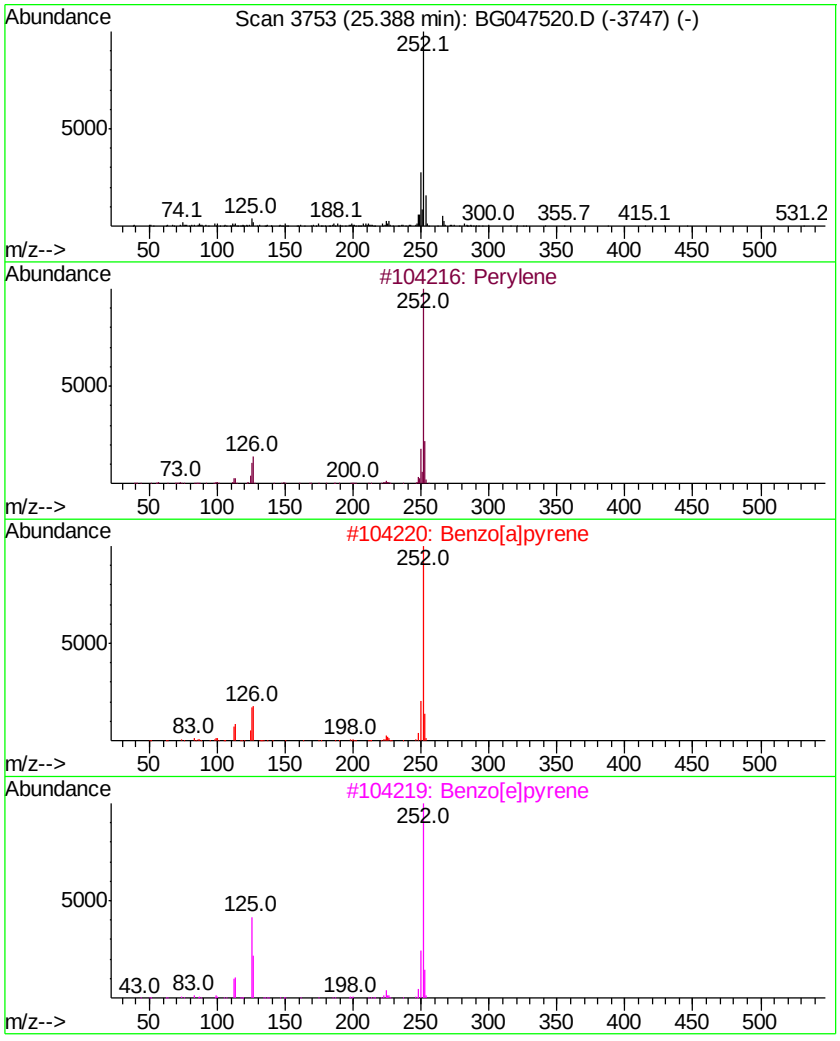
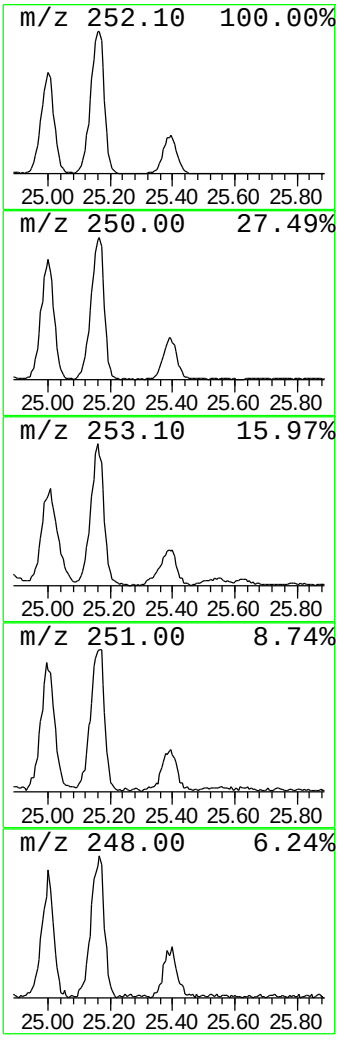
Peak Number 40 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.39	22.28 ng/ul	1021920	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	62
2	Benzo[a]pyrene	252	C20H12	000050-32-8	58
3	Benzo[e]pyrene	252	C20H12	000192-97-2	58
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	53
5	Benzo[a]pyrene	252	C20H12	000050-32-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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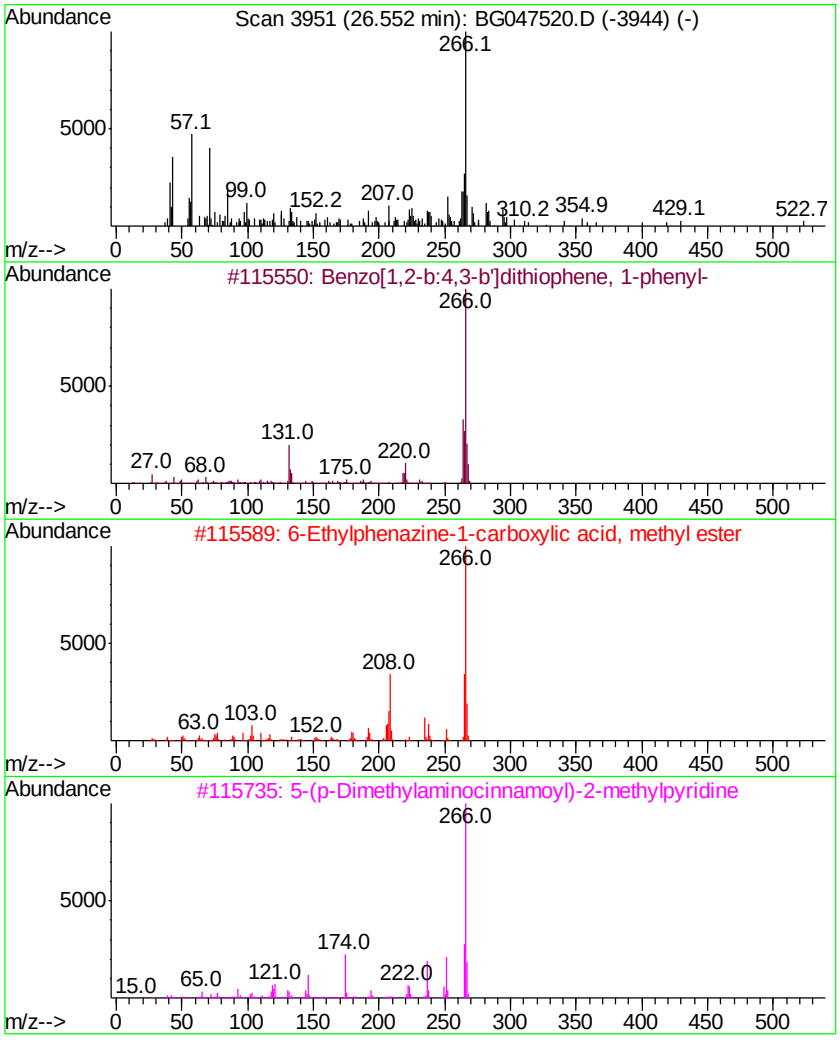
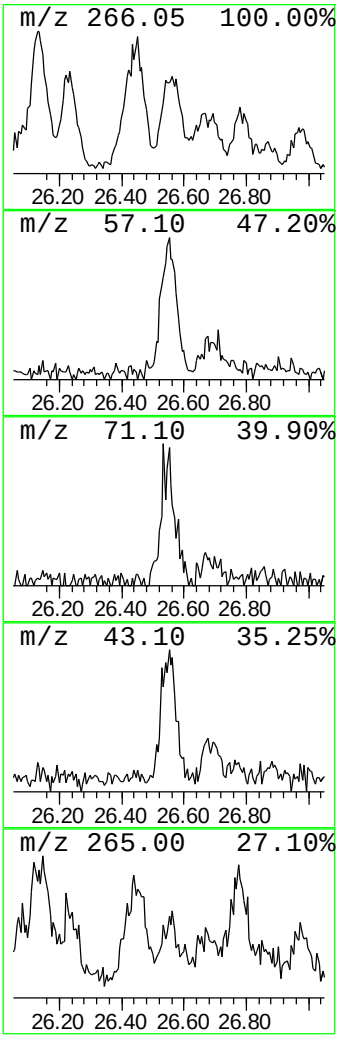
Peak Number 41 unknown-04 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.55	3.79 ng/ul	173994	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	46
2	6-Ethylphenazine-1-carboxylic ac...	266	C16H14N2O2	261351-38-6	46
3	5-(p-Dimethylaminocinnamoyl)-2-m...	266	C17H18N2O	004625-19-8	43
4	Benzyl .beta.-methylumbelliferone	266	C17H14O3	000086-44-2	43
5	4'-Amino-4-dimethylaminochalcone	266	C17H18N2O	025870-72-8	38





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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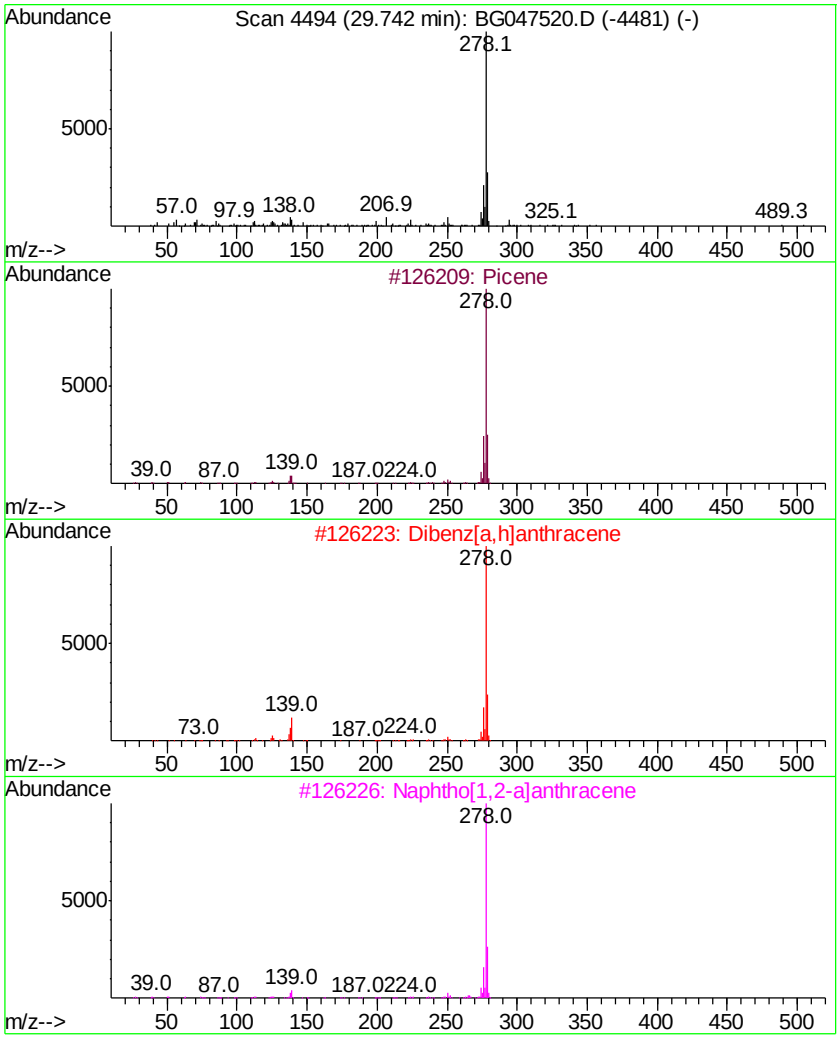
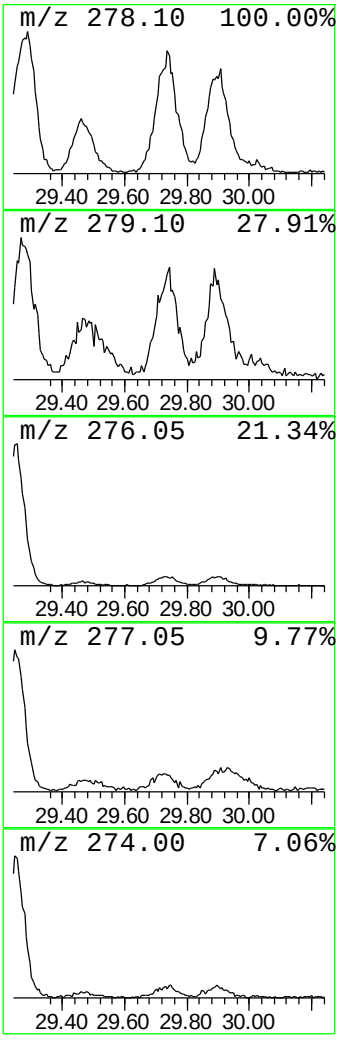
Peak Number 42 Picene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.74	10.26 ng/ul	470659	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	94
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	76
3	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	76
4	Pentaphene	278	C22H14	000222-93-5	76
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120120\
Data File : BG047520.D
Acq On : 2 Dec 2020 7:16
Operator : CG/JU
Sample : L4865-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.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
Naphthalene, 1-me...	12.94	7.6	ng/ul	136263	2	11.09	359898	20.0
Naphthalene, 1,4-...	14.20	4.3	ng/ul	121170	3	14.88	563963	20.0
9H-Fluoren-9-ol	16.35	4.4	ng/ul	148508	4	17.62	672626	20.0
9H-Fluoren-9-one	17.26	9.1	ng/ul	304820	4	17.62	672626	20.0
Phenol, 3-(2-phen...	17.33	4.6	ng/ul	153623	4	17.62	672626	20.0
Dibenzothiophene	17.43	7.3	ng/ul	246983	4	17.62	672626	20.0
4-Methylnaphtho[1...	18.19	4.4	ng/ul	147360	4	17.62	672626	20.0
Phenanthrene, 1-m...	18.48	15.8	ng/ul	530108	4	17.62	672626	20.0
Phenanthrene, 2-m...	18.53	21.4	ng/ul	720300	4	17.62	672626	20.0
Anthracene, 2-met...	18.61	7.1	ng/ul	238824	4	17.62	672626	20.0
4H-Cyclopenta[def...	18.68	26.6	ng/ul	896243	4	17.62	672626	20.0
Anthracene, 9-met...	18.71	9.2	ng/ul	310269	4	17.62	672626	20.0
5,16[1',2']:8,13[...	18.97	11.3	ng/ul	378443	4	17.62	672626	20.0
9,10-Anthracenedione	19.01	16.7	ng/ul	561839	4	17.62	672626	20.0
di-p-Tolylacetylene	19.21	4.7	ng/ul	156828	4	17.62	672626	20.0
Phenanthrene, 2,5...	19.38	11.6	ng/ul	389076	4	17.62	672626	20.0
unknown-01	19.45	3.6	ng/ul	120077	4	17.62	672626	20.0
Cyclopenta(def)ph...	19.52	12.2	ng/ul	410100	4	17.62	672626	20.0
2,9-Dimethyl-2,3,...	19.74	5.0	ng/ul	169603	4	17.62	672626	20.0
11H-Benzo[b]fluorene	20.49	4.7	ng/ul	1190550	5	21.90	5102890	20.0
Benzo[b]naphtho[2...	21.46	3.3	ng/ul	852386	5	21.90	5102890	20.0
unknown-02	21.56	2.4	ng/ul	617953	5	21.90	5102890	20.0
7H-Benz[de]anthra...	21.62	3.5	ng/ul	899789	5	21.90	5102890	20.0
1,2'-Binaphthalene	23.81	5.0	ng/ul	230205	6	25.31	917433	20.0
Perylene	24.50	11.0	ng/ul	505535	6	25.31	917433	20.0
Dinaphtho[1,2-b:1...	24.71	6.1	ng/ul	280567	6	25.31	917433	20.0
Benzo[e]pyrene	25.00	41.1	ng/ul	1887400	6	25.31	917433	20.0
unknown-03	25.39	22.3	ng/ul	1021920	6	25.31	917433	20.0
unknown-04	26.55	3.8	ng/ul	173994	6	25.31	917433	20.0
Picene	29.74	10.3	ng/ul	470659	6	25.31	917433	20.0