LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047689.D
Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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	3.767	71	73	77	rVB3	2548	3527	0.25%	0.023%
2	4.084	123	127	133	rVB5	9287	13912	1.00%	0.091%
3	7.351	675	683	695	rBV3	59154	134582	9.71%	0.881%
4	7.527	706	713	720	rVB3	36748	64868	4.68%	0.425%
5	7.739	743	749	756	rBV3	60552	108414	7.82%	0.710%
6	8.215	824	830	841	rVB	138726	242026	17.46%	1.584%
7	8.908	942	948	956	rVB2	65278	107918	7.79%	0.706%
8	9.043	967	971	974	rVB2	5711	7462	0.54%	0.049%
9	9.384	1023	1029	1035	rVV2	60819	109678	7.91%	0.718%
10	9.778	1094	1096	1105	rVB2	3530	5660	0.41%	0.037%
11	10.113	1145	1153	1159	rBV3	62079	112335	8.10%	0.735%
12	10.653	1238	1245	1255	rVB2	86912	156565	11.30%	1.025%
13	11.041	1302	1311	1319	rBV	174161	317302	22.89%	2.077%
14	11.164	1324	1332	1343	rBV3	51611	100786	7.27%	0.660%
15	12.610	1573	1578	1585	rVB	2456	4304	0.31%	0.028%
16	13.714	1763	1766	1771	rBV3	3162	4364	0.31%	0.029%
17	14.225	1847	1853	1857	rBV	159938	227216	16.39%	1.487%
18	14.272	1857	1861	1868	rVB2	36021	54577	3.94%	0.357%
19	14.531	1899	1905	1914	rVB	156651	248005	17.89%	1.624%
20	14.836	1950	1957	1963	rBV2	292272	463866	33.47%	3.037%
21	14.901	1963	1968	1973	rVB2	17458	24861	1.79%	0.163%
22	15.007	1980	1986	1992	rBV3	64870	107128	7.73%	0.701%
23	15.230	2019	2024	2030	rVB3	11215	18462	1.33%	0.121%
24	15.818	2115	2124	2130	rBV	197135	315952	22.80%	2.068%
25	15.876	2130	2134	2138	rVV3	21295	32519	2.35%	0.213%
26	15.929	2138	2143	2148	rVV	54649	82901	5.98%	0.543%
27	15.994	2151	2154	2158	rVB3	3113	4321	0.31%	0.028%
28	16.035	2158	2161	2164	rBV2	4537	5541	0.40%	0.036%
29	16.170	2180	2184	2188	rVB3	9659	12379	0.89%	0.081%
30	16.311	2203	2208	2217	rVB3	8610	20897	1.51%	0.137%
31	16.393	2217	2222	2224	rBV	2376	4042	0.29%	0.026%
32	16.799	2286	2291	2293	rBV3	2927	3903	0.28%	0.026%
33	16.828	2293	2296	2297	rVV	3984	3975	0.29%	0.026%
34	16.875	2300	2304	2308	rVV6	7229	11708	0.84%	0.077%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047689.D
Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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	16.922	2308	2312	2318	rVB4	4506	6615	0.48%	0.043%
36	16.981	2320	2322	2326	rBV2	2547	3671	0.26%	0.024%
37	17.099	2335	2342	2345	rBV2	8864	14611	1.05%	0.096%
38	17.145	2348	2350	2352	rVB	4863	3447	0.25%	0.023%
39	17.222	2358	2363	2370	rBV3	21078	36301	2.62%	0.238%
40	17.292	2370	2375	2378	rBV3	8446	13792	1.00%	0.090%
41	17.392	2388	2392	2397	rVB2	17925	27676	2.00%	0.181%
42	17.574	2414	2423	2426	rBV	399904	627667	45.28%	4.109%
43	17.616	2426	2430	2435	rVB	397402	568316	41.00%	3.720%
44	17.668	2435	2439	2443	rBV	214570	337641	24.36%	2.210%
45	17.762	2451	2455	2461	rVB2	11727	17712	1.28%	0.116%
46	17.833	2464	2467	2469	rBV3	3416	4695	0.34%	0.031%
47	17.968	2483	2490	2493	rBV3	32299	53207	3.84%	0.348%
48	18.086	2505	2510	2516	rBV5	12496	21184	1.53%	0.139%
49	18.150	2517	2521	2524	rVV4	9413	14932	1.08%	0.098%
50	18.180	2524	2526	2529	rVB4	4555	3811	0.27%	0.025%
51	18.291	2542	2545	2546	rBV3	4983	4086	0.29%	0.027%
52	18.444	2563	2571	2574	rBV	58101	87347	6.30%	0.572%
53	18.491	2574	2579	2586	rVB	76622	120772	8.71%	0.791%
54	18.544	2586	2588	2589	rBV2	4613	3359	0.24%	0.022%
55	18.567	2589	2592	2597	rVB2	19375	23858	1.72%	0.156%
56	18.638	2597	2604	2607	rBV2	82878	146984	10.60%	0.962%
57	18.732	2616	2620	2622	rBV4	6252	8849	0.64%	0.058%
58	18.779	2625	2628	2631	rBV5	8294	10436	0.75%	0.068%
59	18.932	2649	2654	2657	rBV	61537	79095	5.71%	0.518%
60	18.973	2657	2661	2666	rVB2	90257	130274	9.40%	0.853%
61	19.049	2671	2674	2677	rBV3	9165	10478	0.76%	0.069%
62	19.173	2693	2695	2699	rVB4	18617	18757	1.35%	0.123%
63	19.220	2699	2703	2707	rVV4	9916	16763	1.21%	0.110%
64	19.261	2707	2710	2713	rVB5	10831	11333	0.82%	0.074%
65	19.343	2719	2724	2729	rBV4	32883	55862	4.03%	0.366%
66	19.484	2744	2748	2756	rVB2	48671	81798	5.90%	0.535%
67	19.549	2756	2759	2761	rBV4	5836	8323	0.60%	0.054%
68	19.607	2763	2769	2775	rVV	951511	1386053	100.00%	9.074%
69	19.660	2775	2778	2781	rVV5	12861	20090	1.45%	0.132%
70	19.695	2782	2784	2789	rVB5	18165	24029	1.73%	0.157%
71	19.795	2797	2801	2804	rBV4	23907	30569	2.21%	0.200%

LSC Area Percent Report

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Data File : BG047689.D
Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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	19.848	2807	2810	2817	rVV2	30179	47540	3.43%	0.311%
73	19.936	2819	2825	2828	rVV3	451674	785663	56.68%	5.143%
74	19.972	2828	2831	2837	rVV	710738	945466	68.21%	6.189%
75	20.030	2837	2841	2848	rVB2	47574	67844	4.89%	0.444%
76	20.142	2855	2860	2865	rVB	56937	76336	5.51%	0.500%
77	20.283	2878	2884	2885	rBV2	52555	85261	6.15%	0.558%
78	20.336	2891	2893	2898	rVB5	14916	14970	1.08%	0.098%
79	20.453	2909	2913	2918	rVB	109916	160134	11.55%	1.048%
80	20.547	2925	2929	2933	rBV	70003	94420	6.81%	0.618%
81	20.606	2933	2939	2943	rVV3	62506	125526	9.06%	0.822%
82	20.647	2943	2946	2949	rVB3	37356	44287	3.20%	0.290%
83	20.688	2949	2953	2958	rVB6	21422	31448	2.27%	0.206%
84	20.753	2960	2964	2966	rBV2	39550	52242	3.77%	0.342%
85	21.041	3011	3013	3018	rBV6	15307	24747	1.79%	0.162%
86	21.223	3040	3044	3050	rVB	98102	150791	10.88%	0.987%
87	21.411	3069	3076	3081	rBV3	83612	199999	14.43%	1.309%
88	21.458	3081	3084	3089	rVV	97364	174045	12.56%	1.139%
89	21.517	3089	3094	3097	rVV3	79209	153507	11.08%	1.005%
90	21.564	3098	3102	3114	rVB2	109610	198251	14.30%	1.298%
91	21.711	3123	3127	3131	rVB2	71001	106461	7.68%	0.697%
92	21.840	3142	3149	3155	rBV4	484023	1360993	98.19%	8.910%
93	21.899	3155	3159	3171	rVB	379467	677017	48.84%	4.432%
94	22.057	3182	3186	3191	rBV	54774	81602	5.89%	0.534%
95	22.263	3218	3221	3228	rVB3	50360	88326	6.37%	0.578%
96	22.774	3306	3308	3313	rBV6	18429	30517	2.20%	0.200%
97	24.143	3532	3541	3549	rBV2	259915	917561	66.20%	6.007%
98	24.901	3665	3670	3676	rVB	107570	242589	17.50%	1.588%
99	25.054	3691	3696	3708	rVB2	189241	516637	37.27%	3.382%
100	25.218	3715	3724	3733	rBV2	217533	650920	46.96%	4.261%

Sum of corrected areas: 15275449

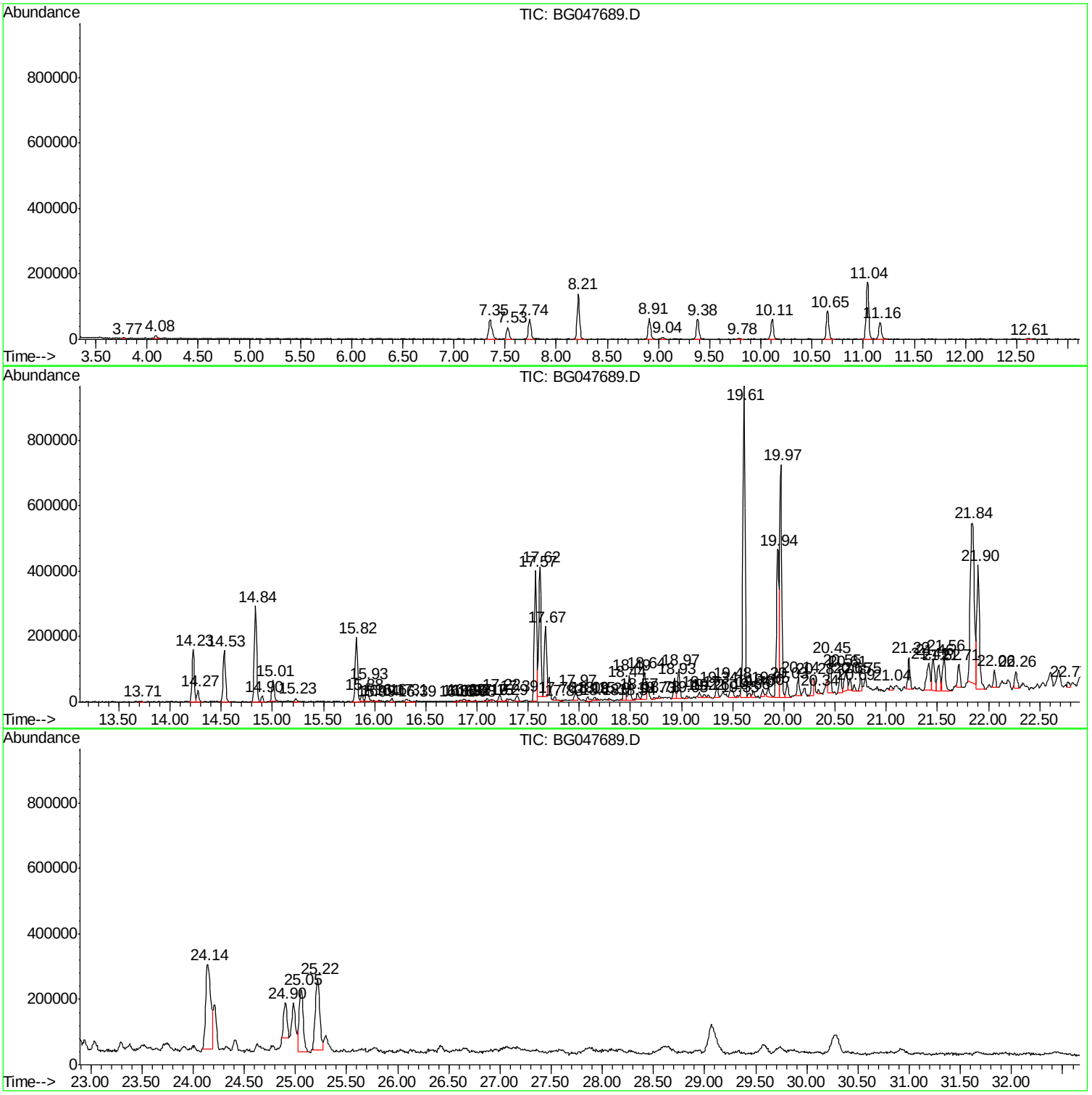
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047689.D
Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047689.D
Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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

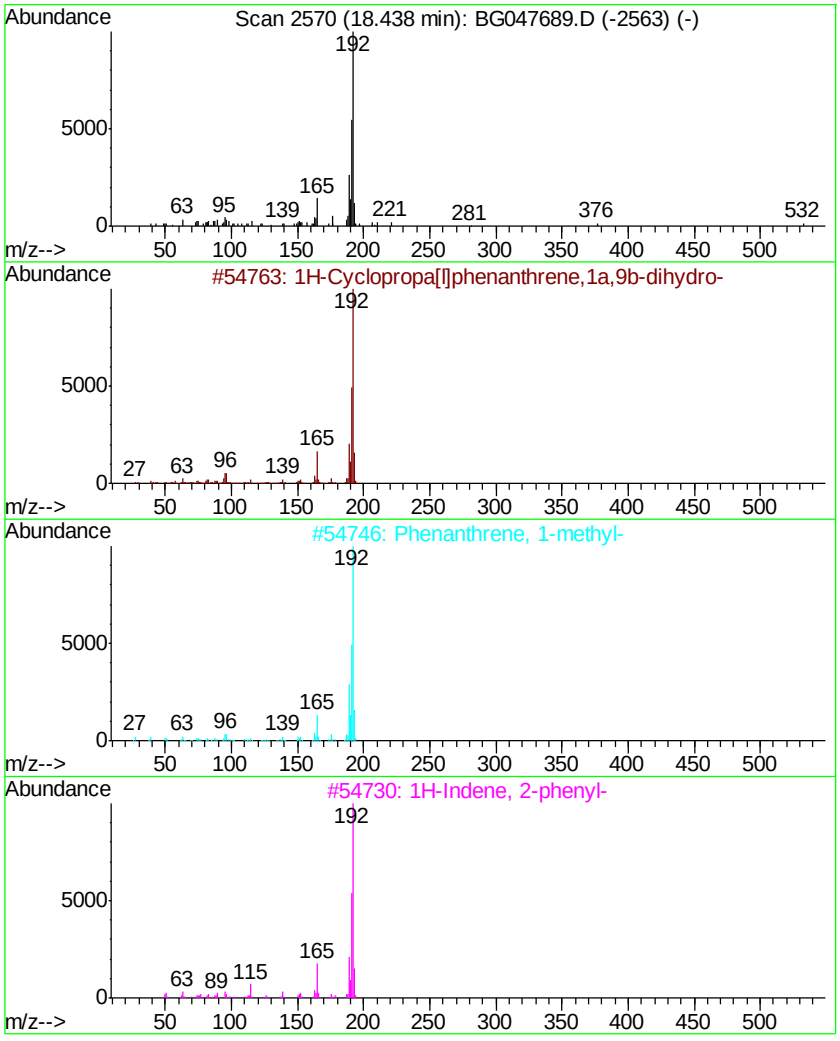
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

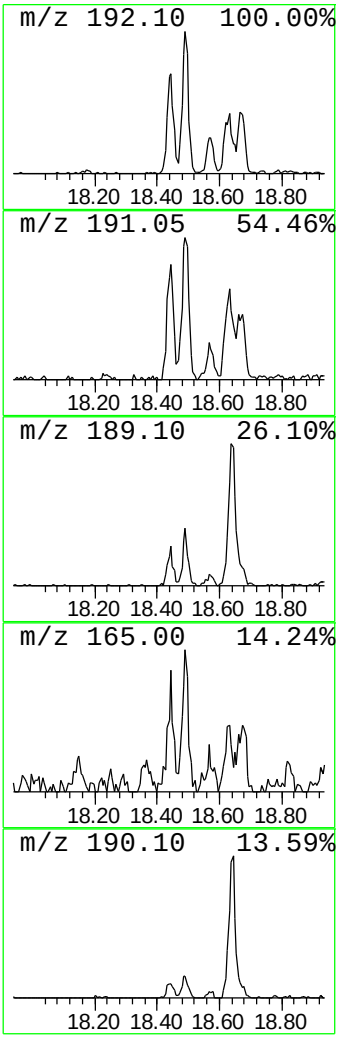
****

Peak Number 1 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	2.78 ng/ul	87347	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047689.D
Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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

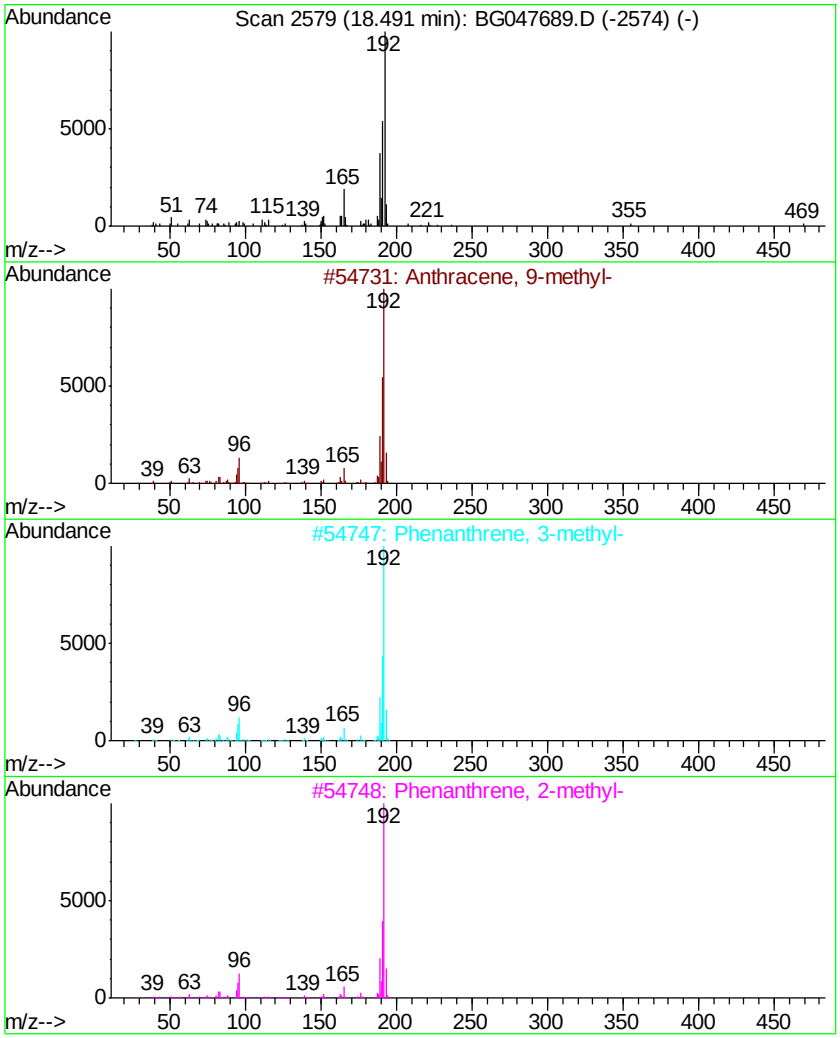
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

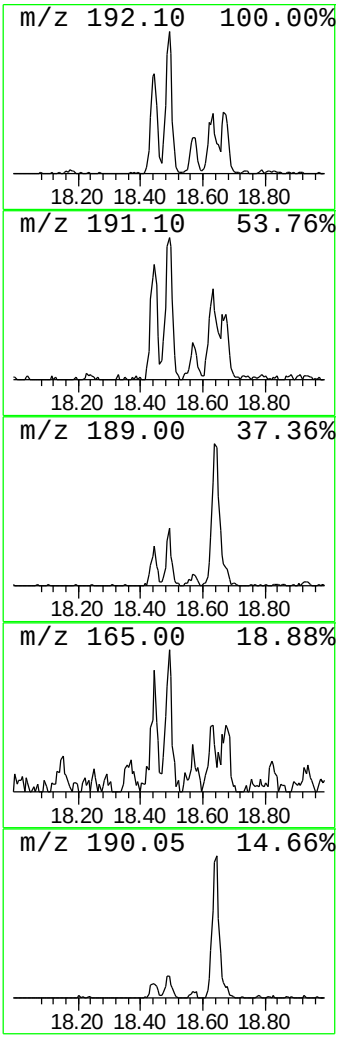
****

Peak Number 2 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	3.85 ng/ul	120772	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047689.D
Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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

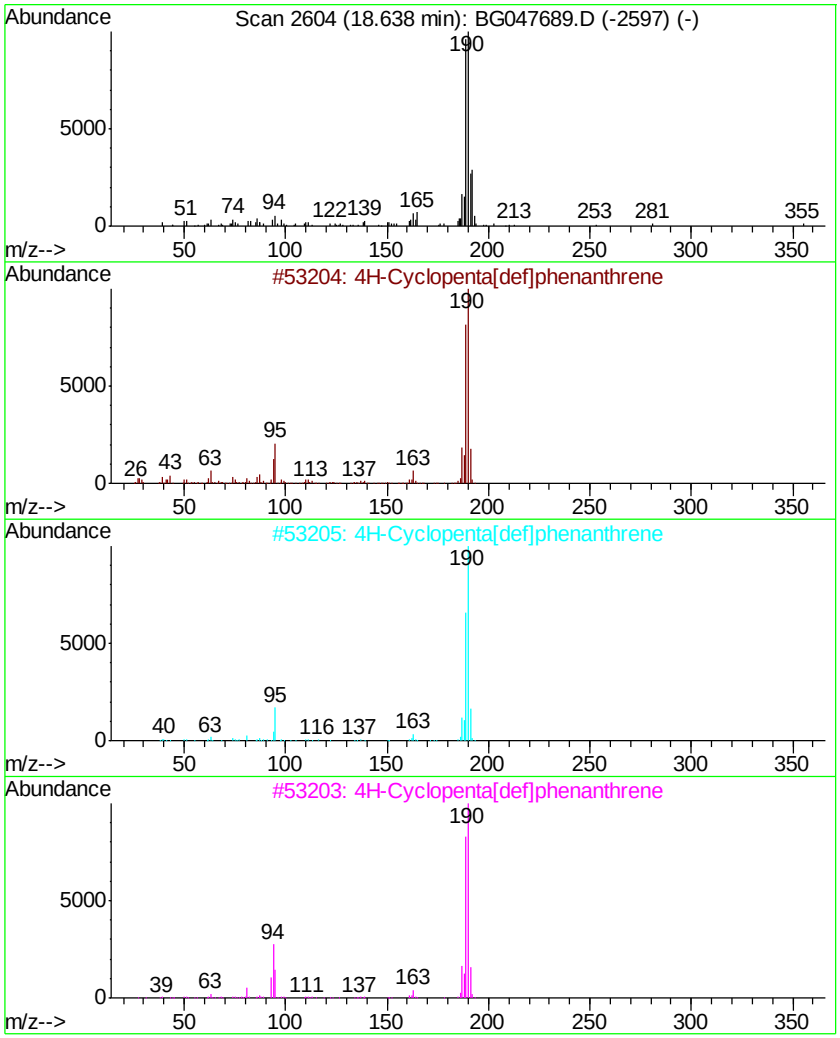
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

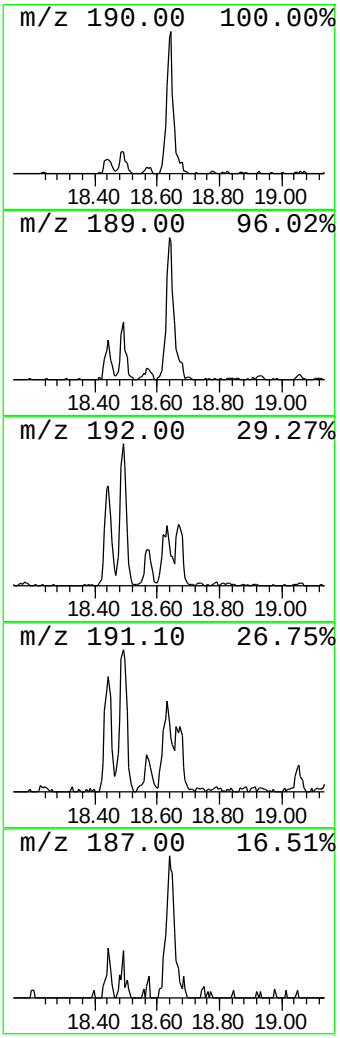
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	4.68 ng/ul	146984	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047689.D
Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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

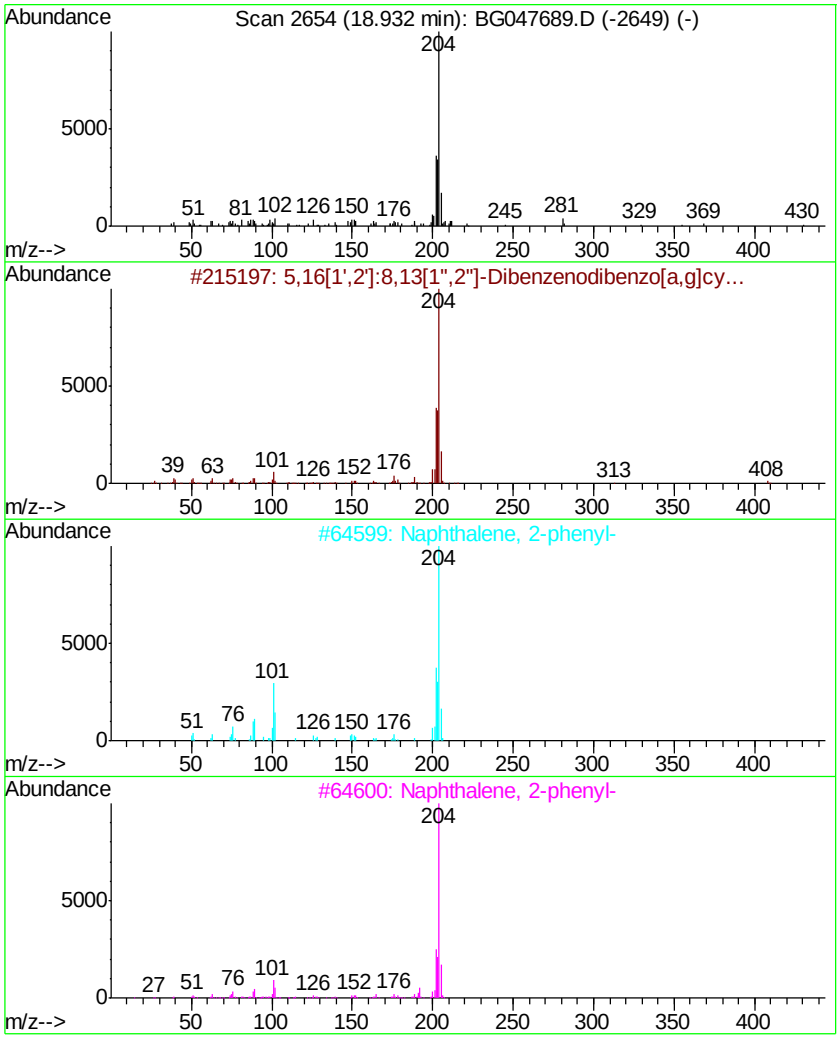
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

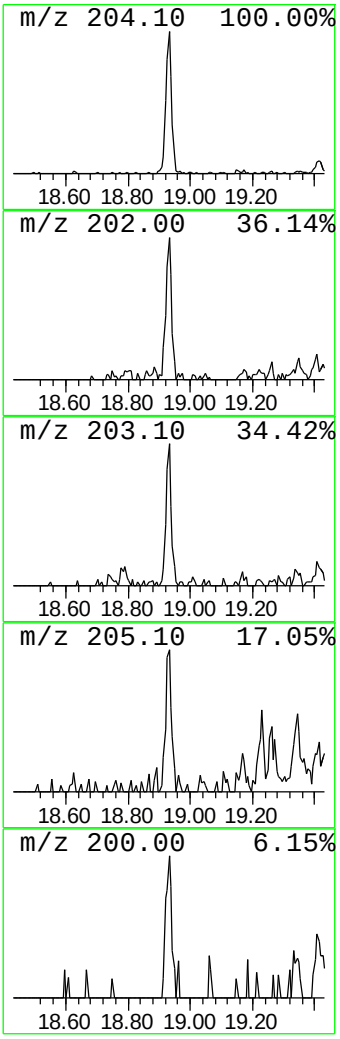
****

Peak Number 4 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.52 ng/ul	79095	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047689.D
Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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

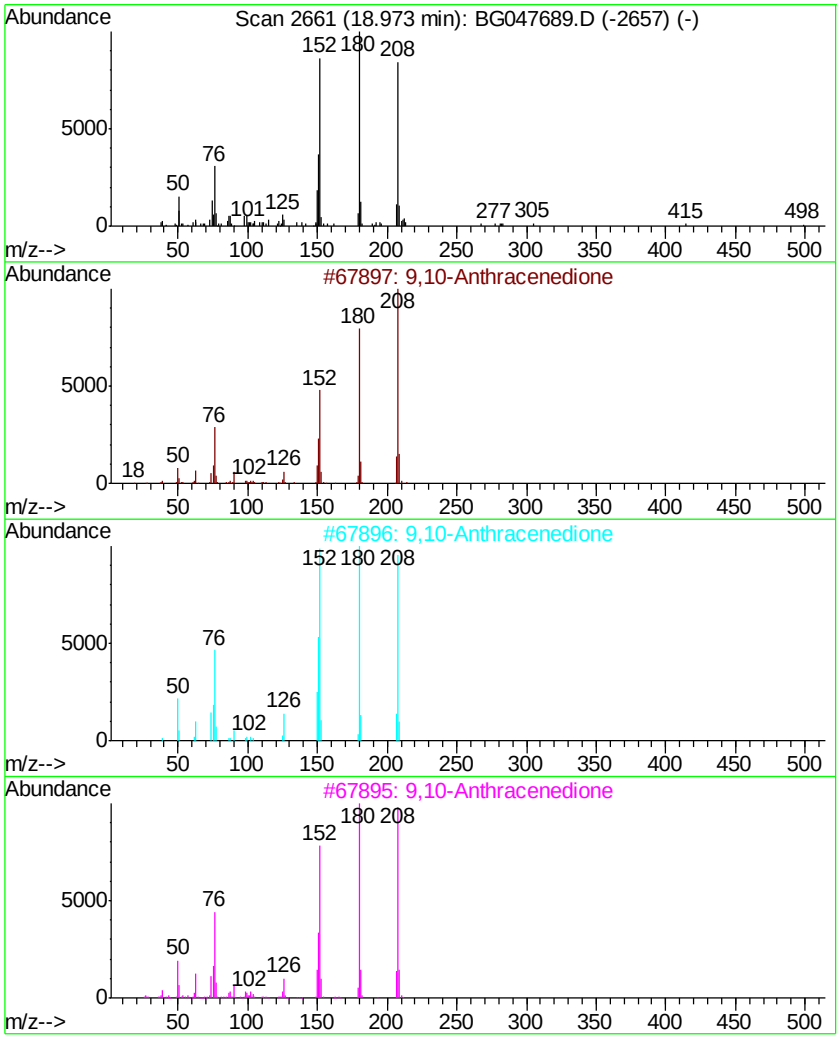
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

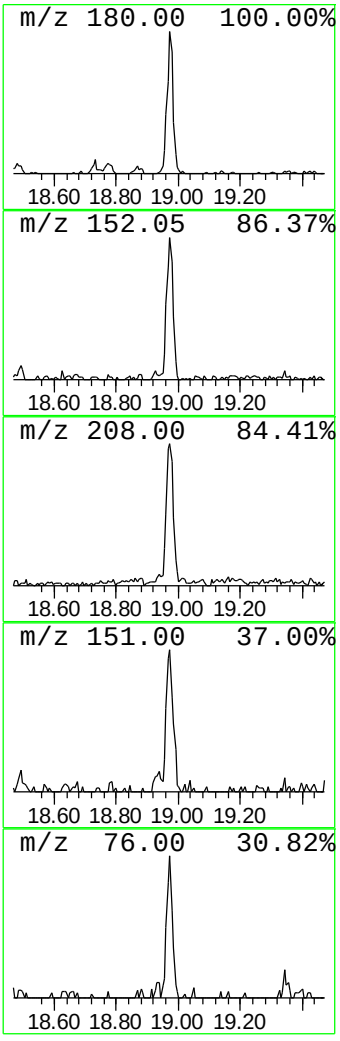
****

Peak Number 5 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	4.15 ng/ul	130274	Phenanthrene-d10	17.57

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	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	52





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Data File : BG047689.D
Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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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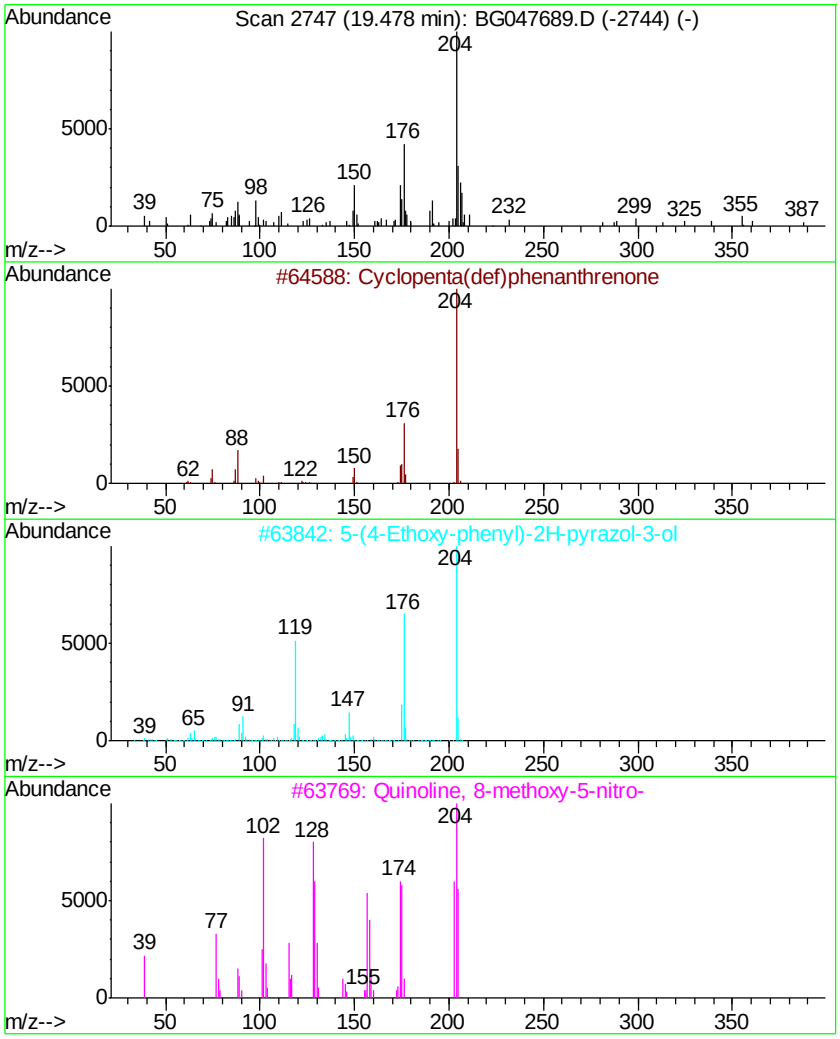
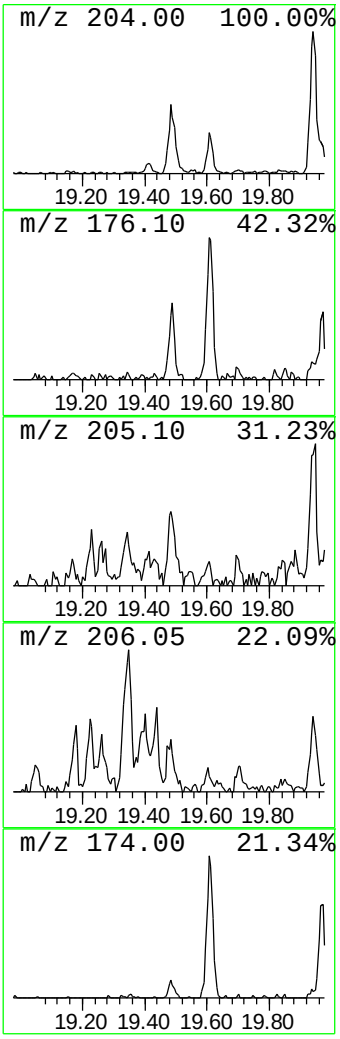
Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	2.61 ng/ul	81798	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	58
3	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	58
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





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Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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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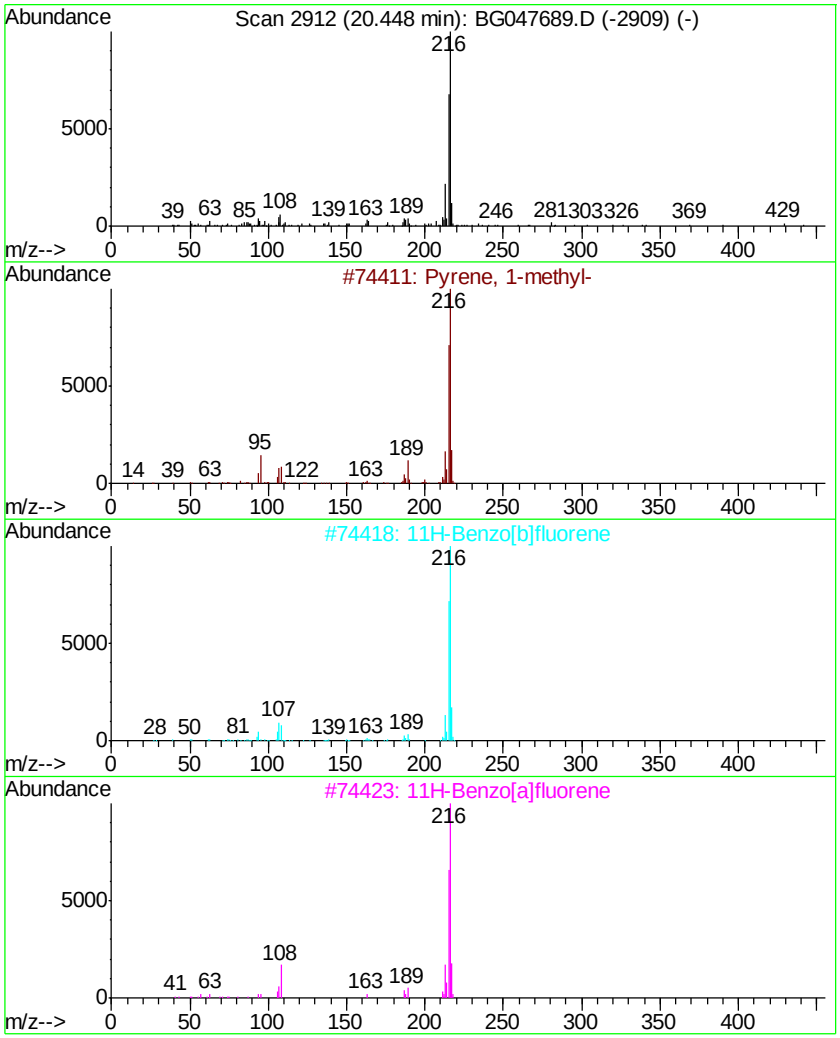
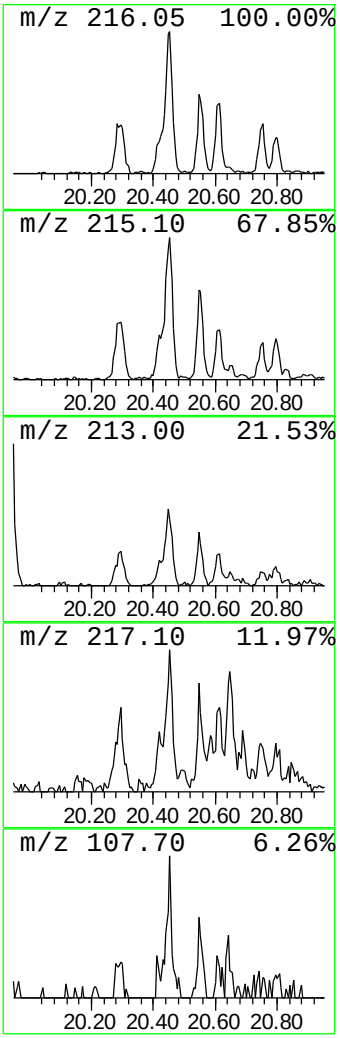
Peak Number 7 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	2.35 ng/ul	160134	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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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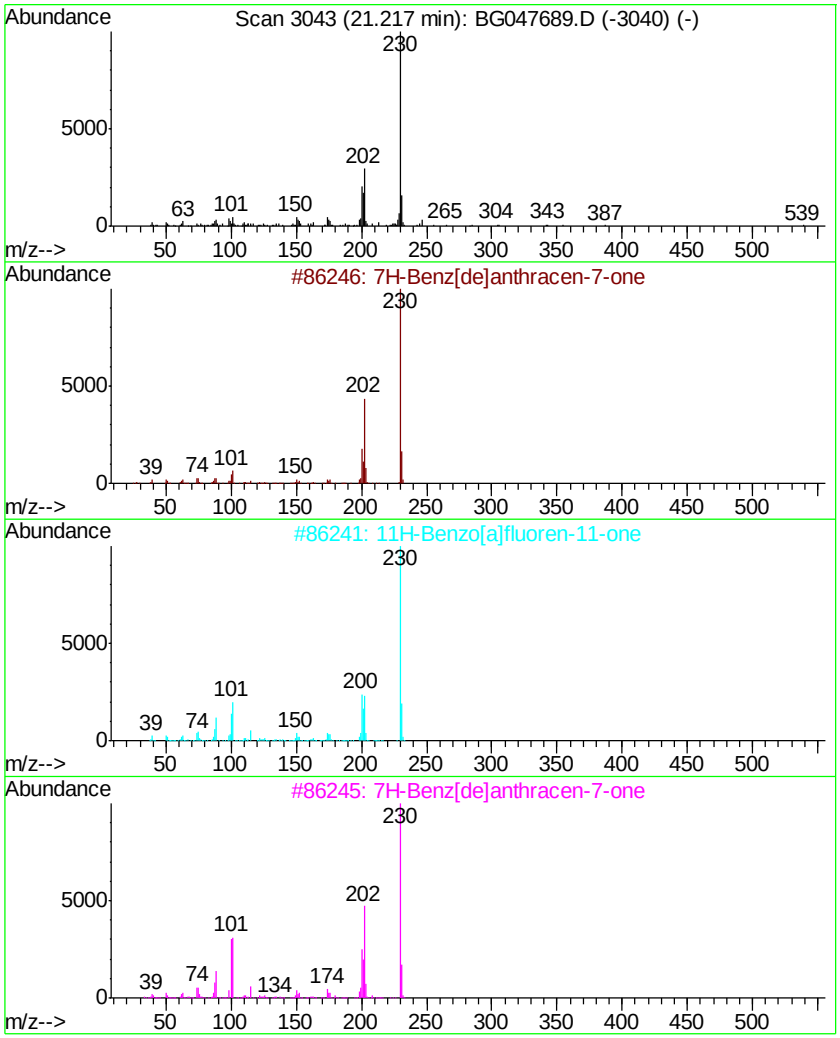
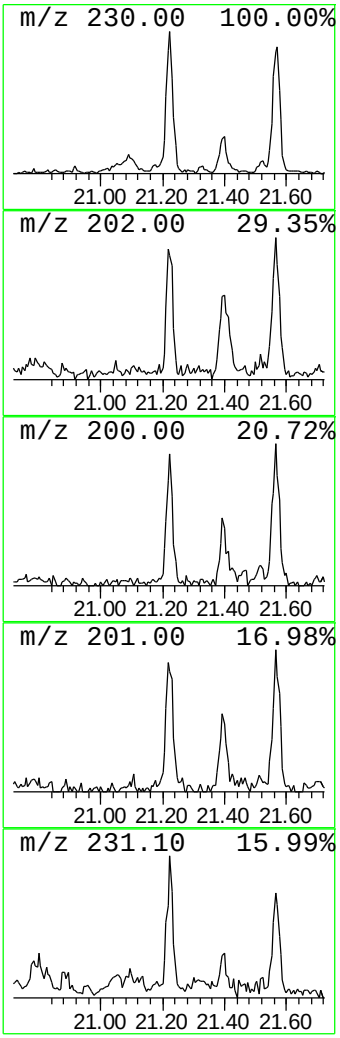
Peak Number 8 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	2.22 ng/ul	150791	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	78
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	59
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58





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Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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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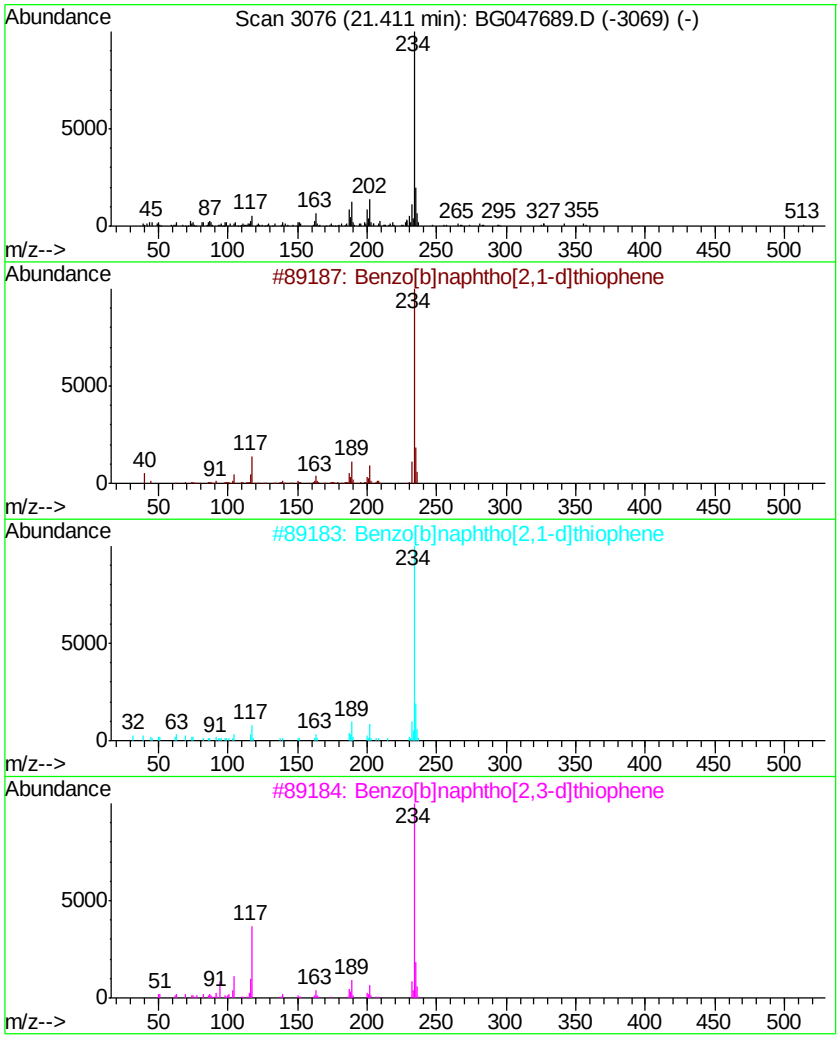
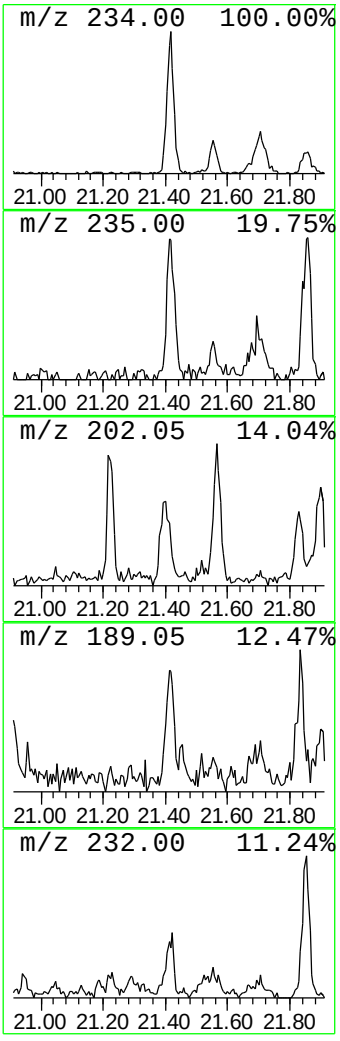
Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	2.94 ng/ul	199999	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
5	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	87





Library Search Compound Report

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Data File : BG047689.D
Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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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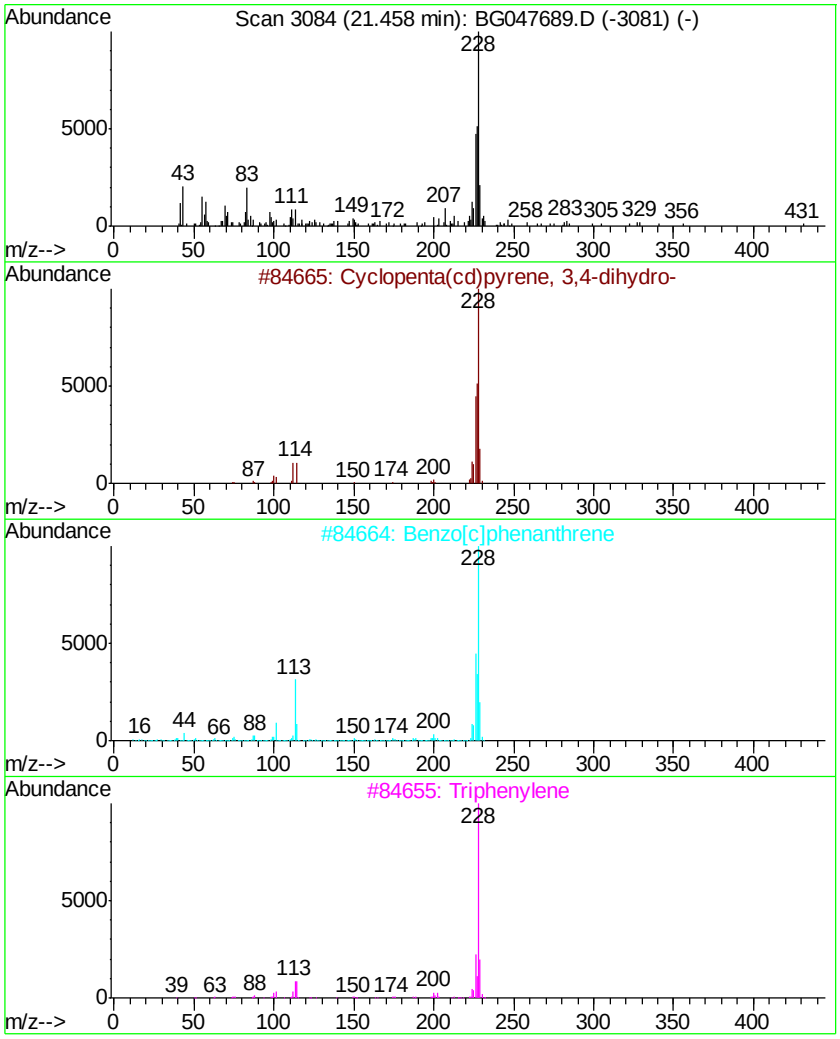
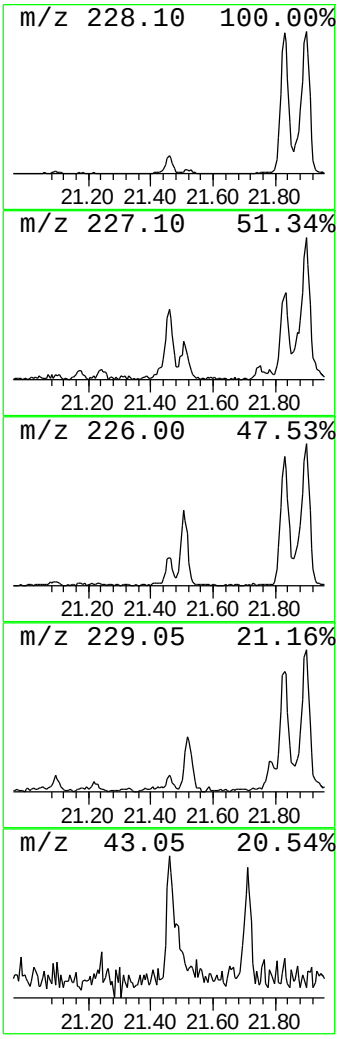
Peak Number 10 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	2.56 ng/ul	174045	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	58
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
3	Triphenylene	228	C18H12	000217-59-4	46
4	Chrysene	228	C18H12	000218-01-9	46
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43





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Data File : BG047689.D
Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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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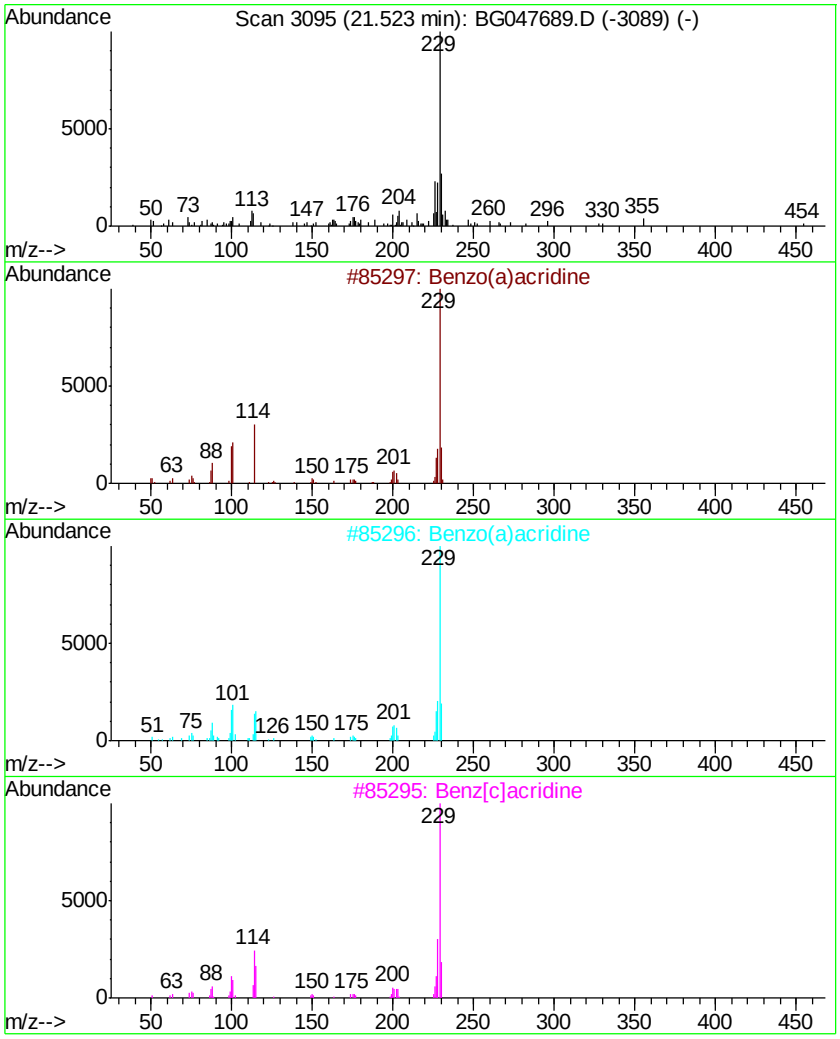
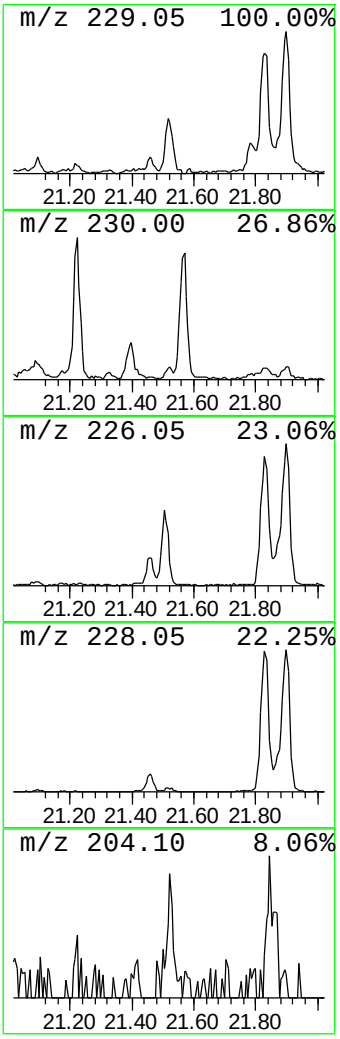
Peak Number 11 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.26 ng/ul	153507	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)acridine	229	C17H11N	000225-11-6	46
2	Benzo(a)acridine	229	C17H11N	000225-11-6	43
3	Benz[c]acridine	229	C17H11N	000225-51-4	43
4	Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	43
5	Thiazole, 2-amino-4-(1H-indol-3-...	229	C12H11N3S	1000304-18-3	38





Library Search Compound Report

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Data File : BG047689.D
Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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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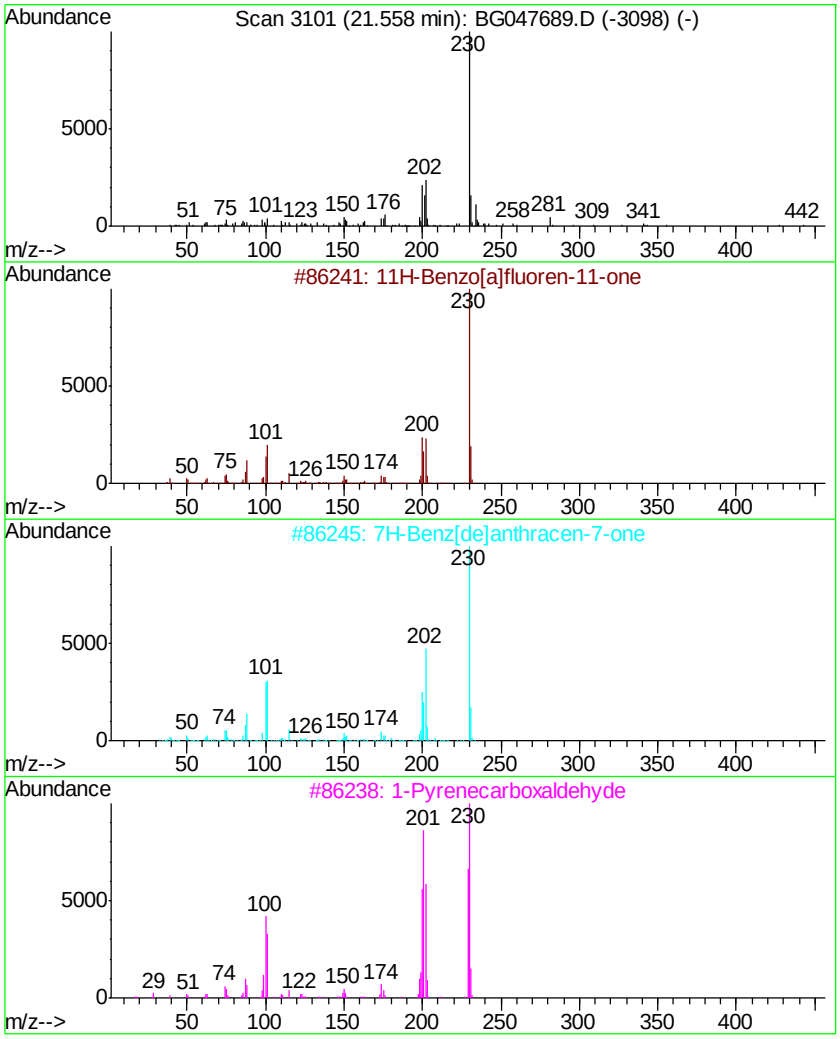
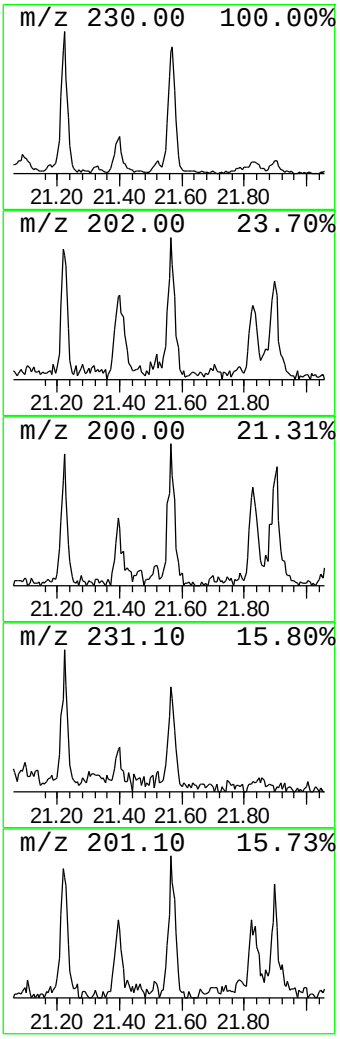
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	2.91 ng/ul	198251	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53





Library Search Compound Report

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Data File : BG047689.D
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Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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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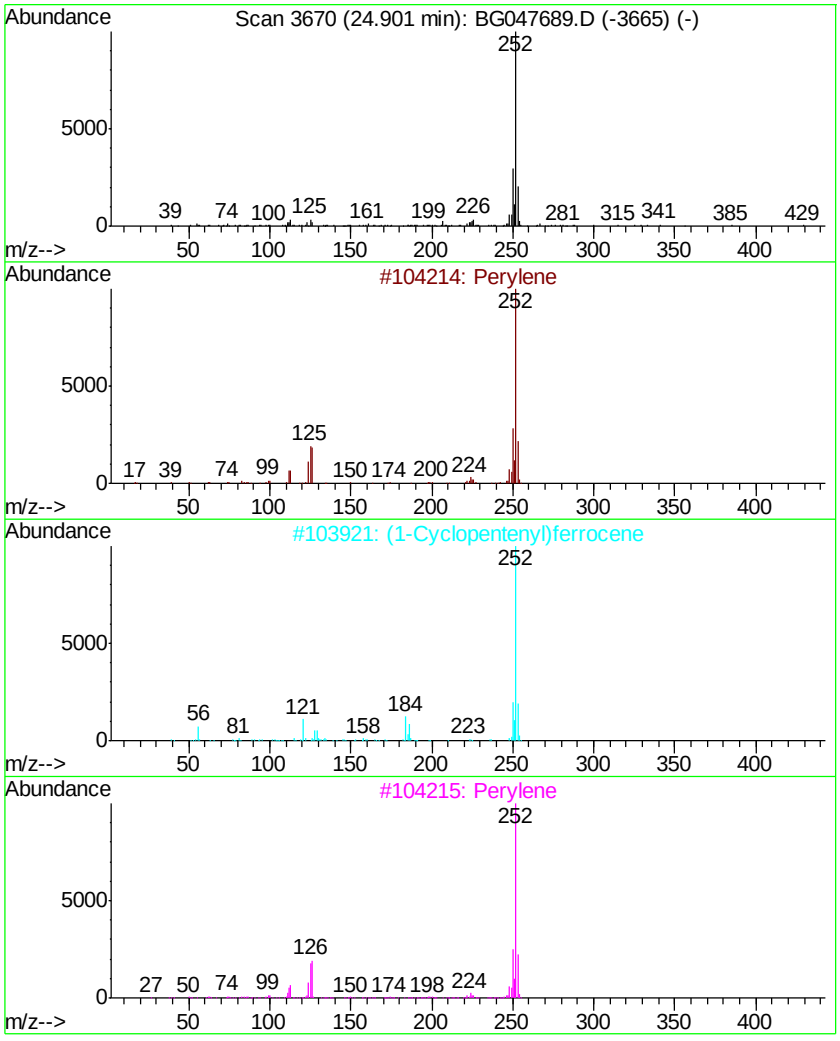
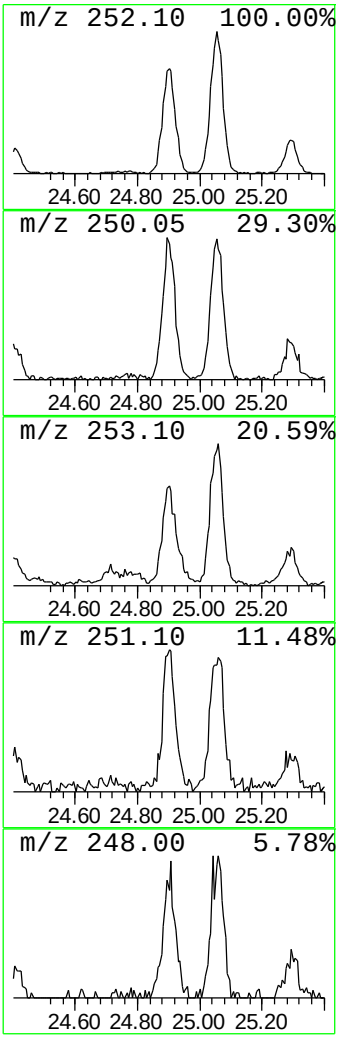
Peak Number 13 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.90	7.45 ng/ul	242589	Perylene-d12	25.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	90
2	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	86
3	Perylene	252	C20H12	000198-55-0	81
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120820\
Data File : BG047689.D
Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AX3

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
1H-Cyclopropa[l]p...	18.44	2.8	ng/ul	87347	4	17.57	627667	20.0
Anthracene, 9-met...	18.49	3.9	ng/ul	120772	4	17.57	627667	20.0
4H-Cyclopenta[def...	18.64	4.7	ng/ul	146984	4	17.57	627667	20.0
5,16[1',2']:8,13[...	18.93	2.5	ng/ul	79095	4	17.57	627667	20.0
9,10-Anthracenedione	18.97	4.2	ng/ul	130274	4	17.57	627667	20.0
Cyclopenta(def)ph...	19.48	2.6	ng/ul	81798	4	17.57	627667	20.0
Pyrene, 1-methyl-	20.45	2.4	ng/ul	160134	5	21.85	1360990	20.0
7H-Benz[de]anthra...	21.22	2.2	ng/ul	150791	5	21.85	1360990	20.0
Benzo[b]naphtho[2...	21.41	2.9	ng/ul	199999	5	21.85	1360990	20.0
Cyclopenta(cd)pyr...	21.46	2.6	ng/ul	174045	5	21.85	1360990	20.0
unknown-01	21.52	2.3	ng/ul	153507	5	21.85	1360990	20.0
11H-Benzo[a]fluor...	21.56	2.9	ng/ul	198251	5	21.85	1360990	20.0
Perylene	24.90	7.5	ng/ul	242589	6	25.21	650920	20.0