LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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	7.398	685	691	698	rVB2	16585	28574	2.10%	0.209%
2	7.574	717	721	726	rVB4	8243	14761	1.09%	0.108%
3	7.786	751	757	763	rBV4	17451	27961	2.06%	0.204%
4	8.268	832	839	846	rVB	123433	216274	15.90%	1.580%
5	8.949	950	955	965	rVB2	16206	28406	2.09%	0.208%
6	9.431	1029	1037	1044	rBV2	14775	25371	1.87%	0.185%
7	10.154	1154	1160	1167	rBV5	13247	23831	1.75%	0.174%
8	10.700	1247	1253	1257	rVV3	20594	35043	2.58%	0.256%
9	11.094	1313	1320	1325	rBV	150235	289557	21.29%	2.116%
10	11.141	1325	1328	1335	rVB2	23145	35390	2.60%	0.259%
11	11.205	1335	1339	1345	rBV4	7763	14268	1.05%	0.104%
12	12.721	1592	1597	1604	rVB	14726	27231	2.00%	0.199%
13	12.944	1630	1635	1642	rVB2	14710	26032	1.91%	0.190%
14	13.720	1760	1767	1772	rBV2	4893	8787	0.65%	0.064%
15	14.043	1818	1822	1823	rBV2	5481	6375	0.47%	0.047%
16	14.061	1823	1825	1832	rVB3	6411	7509	0.55%	0.055%
17	14.202	1842	1849	1854	rBV2	13499	22831	1.68%	0.167%
18	14.266	1854	1860	1865	rVV	41778	70545	5.19%	0.515%
19	14.308	1865	1867	1872	rVB2	7573	10121	0.74%	0.074%
20	14.431	1884	1888	1892	rBV5	5982	10252	0.75%	0.075%
21	14.572	1906	1912	1921	rVB2	41020	69767	5.13%	0.510%
22	14.877	1955	1964	1970	rBV	275215	434372	31.94%	3.174%
23	14.936	1970	1974	1980	rVB2	40187	65511	4.82%	0.479%
24	15.030	1987	1990	1997	rVV5	11518	18723	1.38%	0.137%
25	15.271	2025	2031	2036	rBV3	22610	36228	2.66%	0.265%
26	15.342	2037	2043	2048	rBV3	4972	6735	0.50%	0.049%
27	15.859	2122	2131	2135	rVV	57543	84519	6.21%	0.618%
28	15.912	2135	2140	2146	rVV	44785	71105	5.23%	0.520%
29	15.959	2146	2148	2153	rVV2	8939	12985	0.95%	0.095%
30	16.006	2153	2156	2158	rVV2	4663	7343	0.54%	0.054%
31	16.041	2158	2162	2164	rVV2	7744	12832	0.94%	0.094%
32	16.082	2165	2169	2172	rVV4	8268	11677	0.86%	0.085%
33	16.164	2180	2183	2186	rVV2	6605	8180	0.60%	0.060%
34	16.199	2187	2189	2195	rVB	11450	16359	1.20%	0.120%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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	16.358	2209	2216	2222	rVB3	10830	23291	1.71%	0.170%
36	16.881	2303	2305	2307	rVV2	8958	9268	0.68%	0.068%
37	16.916	2308	2311	2314	rVV3	11989	16032	1.18%	0.117%
38	16.963	2316	2319	2323	rVB4	7049	9342	0.69%	0.068%
39	17.134	2345	2348	2352	rVV3	6143	9400	0.69%	0.069%
40	17.181	2353	2356	2362	rVB2	8023	10889	0.80%	0.080%
41	17.263	2365	2370	2376	rVB2	36838	59100	4.35%	0.432%
42	17.333	2377	2382	2386	rBV2	10449	17965	1.32%	0.131%
43	17.427	2393	2398	2406	rVB	30737	49853	3.67%	0.364%
44	17.610	2423	2429	2433	rBV	363854	590789	43.44%	4.316%
45	17.651	2433	2436	2442	rVV	480887	716303	52.66%	5.233%
46	17.709	2442	2446	2448	rVV	68659	104006	7.65%	0.760%
47	17.745	2449	2452	2457	rVV	88038	118468	8.71%	0.866%
48	17.792	2457	2460	2467	rVB4	10948	20232	1.49%	0.148%
49	17.886	2471	2476	2477	rBV3	5781	6911	0.51%	0.050%
50	18.003	2488	2496	2503	rBV2	64276	111851	8.22%	0.817%
51	18.127	2514	2517	2521	rVB4	9453	11013	0.81%	0.080%
52	18.191	2524	2528	2531	rBV4	15846	24680	1.81%	0.180%
53	18.338	2548	2553	2555	rVB3	7026	11015	0.81%	0.080%
54	18.403	2560	2564	2568	rBV6	7708	9513	0.70%	0.070%
55	18.479	2568	2577	2581	rBV	69563	113862	8.37%	0.832%
56	18.526	2581	2585	2591	rVB	99183	153074	11.25%	1.118%
57	18.608	2591	2599	2603	rBV	28473	50174	3.69%	0.367%
58	18.673	2604	2610	2614	rBV2	93722	184091	13.53%	1.345%
59	18.779	2624	2628	2631	rBV5	6298	8553	0.63%	0.062%
60	18.820	2631	2635	2637	rVB4	5589	8256	0.61%	0.060%
61	18.967	2655	2660	2663	rBV	54757	79891	5.87%	0.584%
62	19.008	2663	2667	2673	rVB2	72125	105576	7.76%	0.771%
63	19.090	2678	2681	2685	rBV4	11273	14451	1.06%	0.106%
64	19.208	2697	2701	2705	rVV5	23576	29540	2.17%	0.216%
65	19.261	2707	2710	2713	rVB2	13796	17128	1.26%	0.125%
66	19.378	2724	2730	2736	rBV3	43039	76855	5.65%	0.562%
67	19.449	2736	2742	2745	rVV6	23064	54000	3.97%	0.395%
68	19.519	2749	2754	2761	rBV4	54183	91438	6.72%	0.668%
69	19.642	2770	2775	2781	rVB	842313	1224951	90.06%	8.950%
70	19.701	2781	2785	2788	rVV3	14242	21523	1.58%	0.157%
71	19.736	2788	2791	2795	rVB3	23519	31604	2.32%	0.231%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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	19.825	2803	2806	2810	rBV5	19927	28851	2.12%	0.211%
73	19.883	2812	2816	2824	rVB2	35045	71939	5.29%	0.526%
74	19.971	2825	2831	2833	rVV2	201348	337651	24.82%	2.467%
75	20.007	2833	2837	2843	rVV	699913	1013689	74.53%	7.406%
76	20.071	2843	2848	2853	rVB2	40733	62645	4.61%	0.458%
77	20.171	2861	2865	2871	rVB	50390	76801	5.65%	0.561%
78	20.236	2871	2876	2881	rVB	48778	78996	5.81%	0.577%
79	20.318	2883	2890	2896	rBV4	63666	160444	11.80%	1.172%
80	20.453	2909	2913	2914	rBV4	30734	41009	3.02%	0.300%
81	20.483	2915	2918	2923	rVB	95105	145097	10.67%	1.060%
82	20.583	2931	2935	2940	rBV	54443	83098	6.11%	0.607%
83	20.647	2940	2946	2949	rVV2	68822	127141	9.35%	0.929%
84	20.677	2949	2951	2956	rVB2	33705	37636	2.77%	0.275%
85	20.788	2965	2970	2973	rBV	38474	55135	4.05%	0.403%
86	20.829	2974	2977	2981	rVB	39018	52811	3.88%	0.386%
87	21.258	3046	3050	3058	rVB	101066	151739	11.16%	1.109%
88	21.458	3076	3084	3087	rBV4	71427	169560	12.47%	1.239%
89	21.499	3088	3091	3095	rVV	70924	105841	7.78%	0.773%
90	21.552	3095	3100	3105	rVV3	69002	142418	10.47%	1.041%
91	21.605	3105	3109	3118	rVB2	103650	177819	13.07%	1.299%
92	21.881	3149	3156	3163	rBV2	486768	1360129	100.00%	9.937%
93	21.940	3163	3166	3177	rVB	330420	589796	43.36%	4.309%
94	22.046	3180	3184	3188	rBV7	14714	26717	1.96%	0.195%
95	22.104	3190	3194	3200	rVB3	41044	77784	5.72%	0.568%
96	22.316	3225	3230	3236	rBV2	50820	100242	7.37%	0.732%
97	24.208	3543	3552	3560	rBV2	257454	904121	66.47%	6.606%
98	24.977	3677	3683	3692	rVB2	110323	295209	21.70%	2.157%
99	25.130	3702	3709	3722	rVB2	196009	602092	44.27%	4.399%
100	25.295	3727	3737	3746	rBV2	195727	630130	46.33%	4.604%

Sum of corrected areas: 13686883

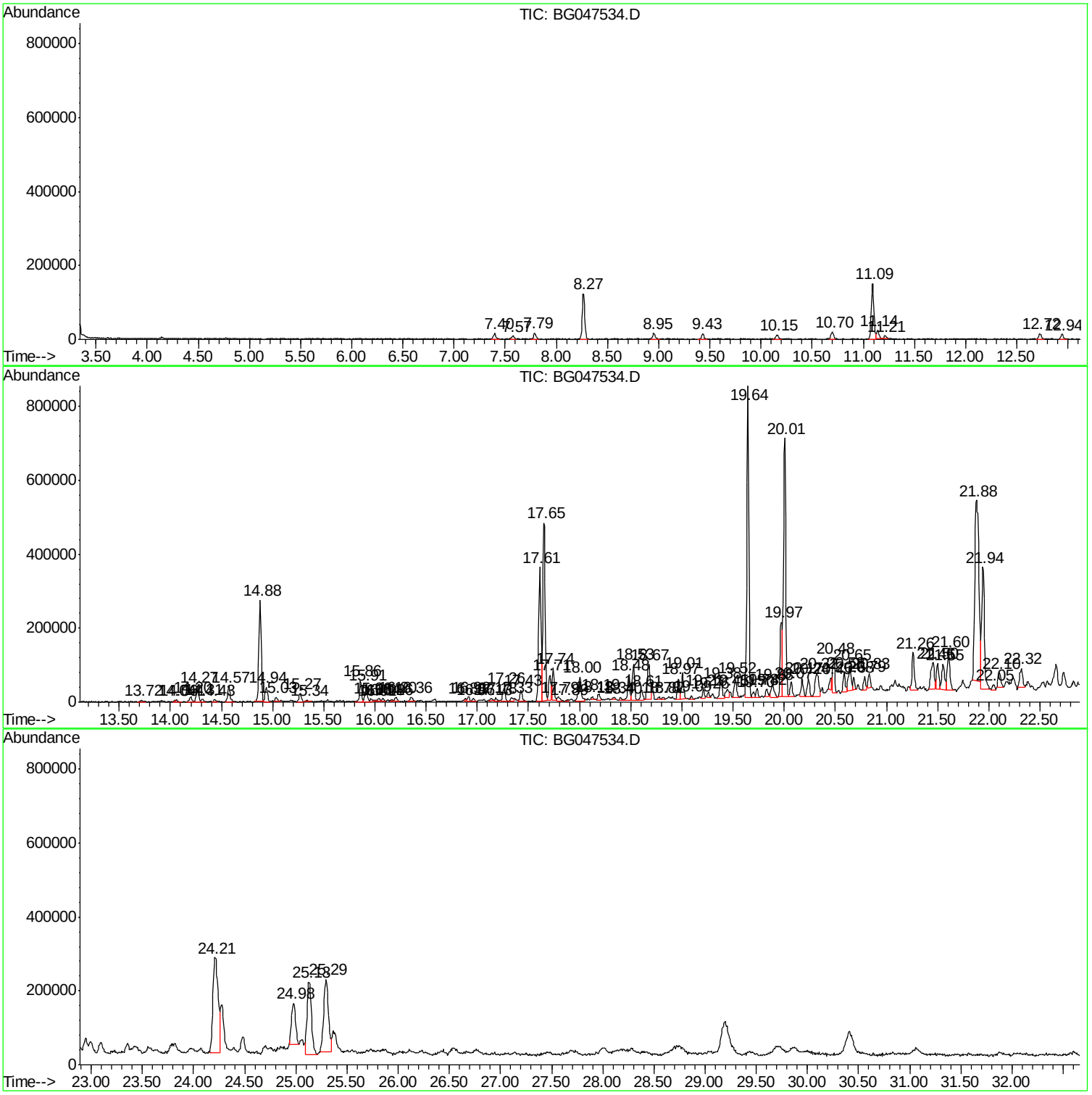
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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

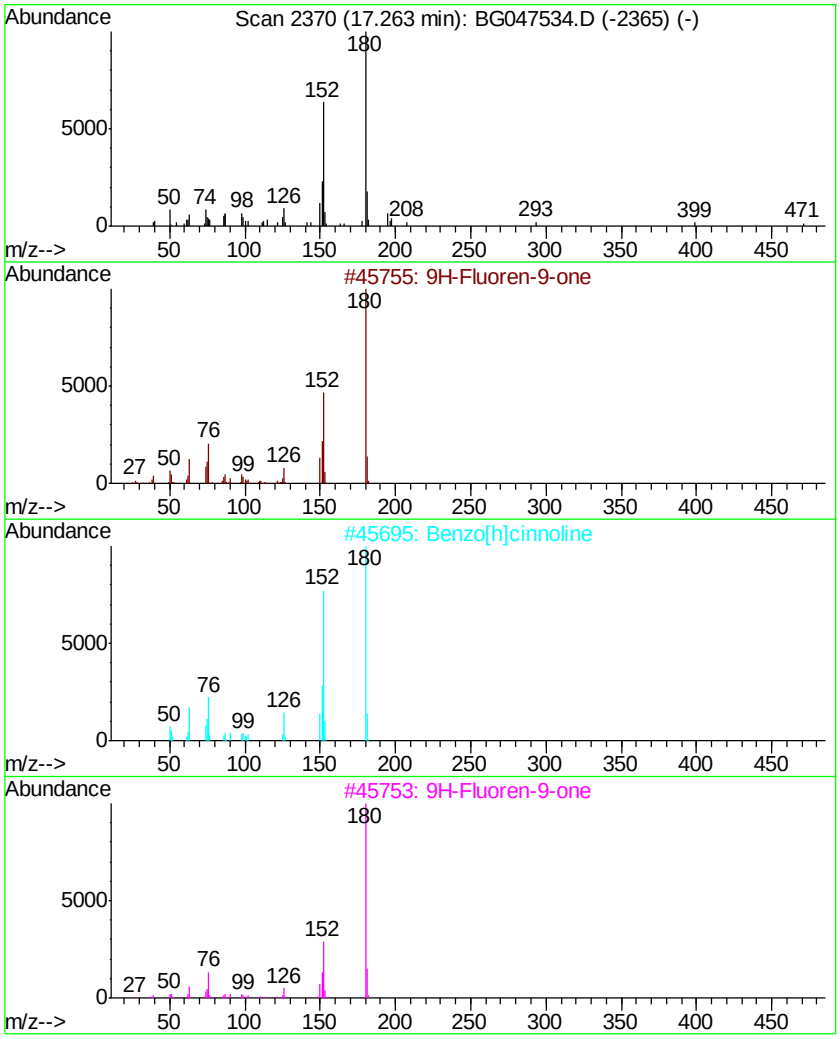
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

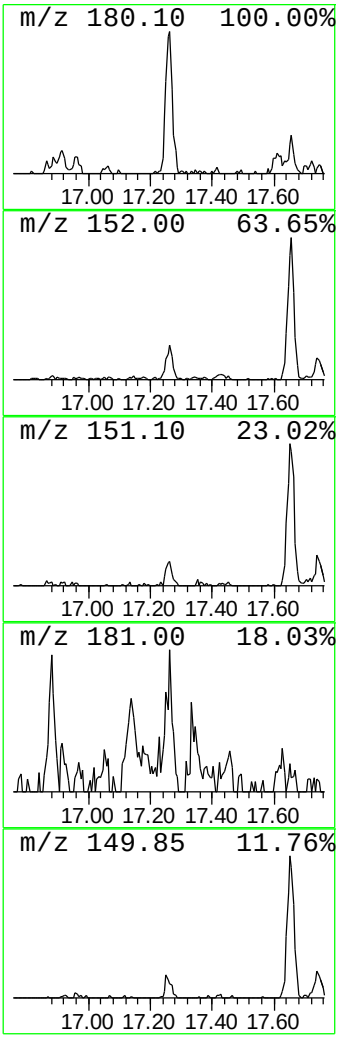
****

Peak Number 1 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	2.00 ng/ul	59100	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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

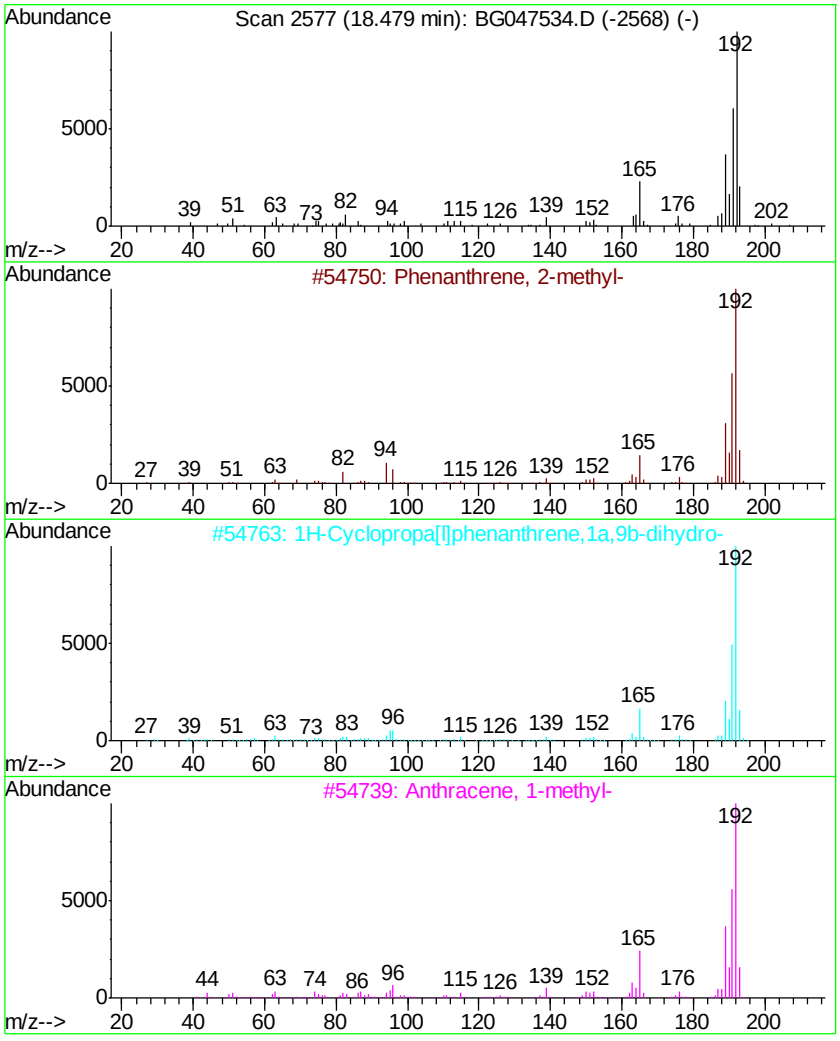
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

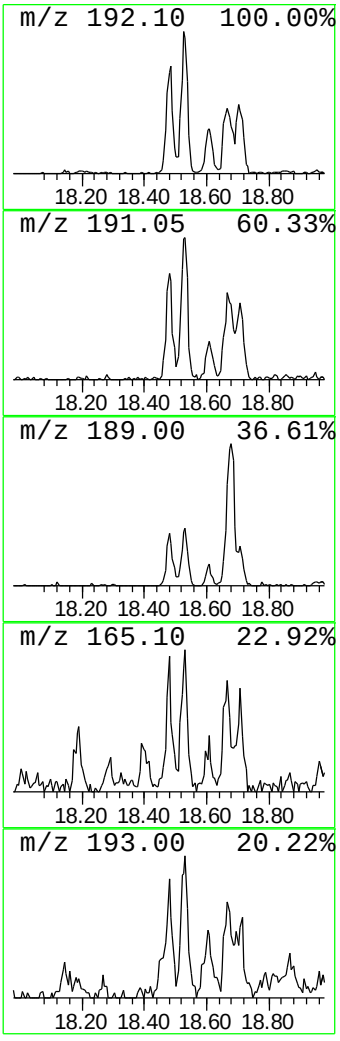
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	3.85 ng/ul	113862	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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

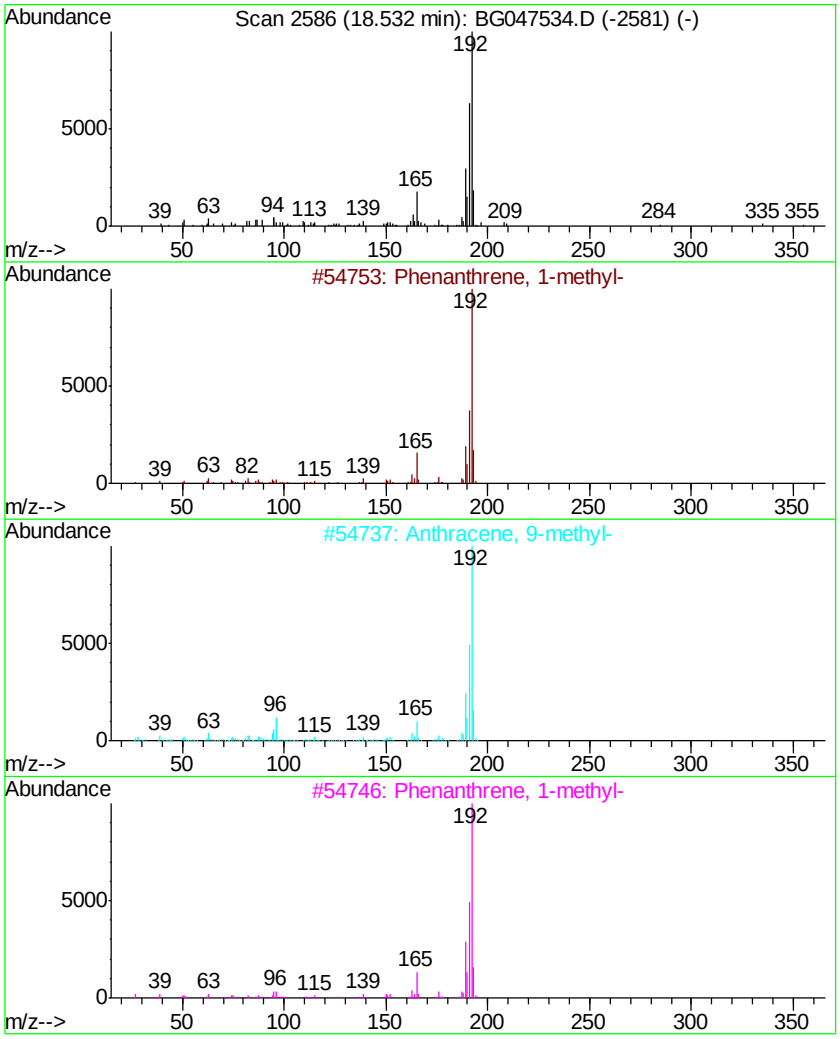
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

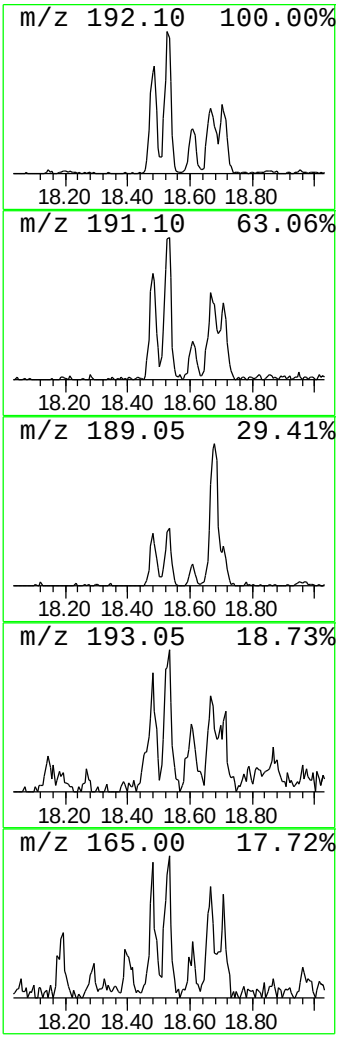
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	5.18 ng/ul	153074	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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

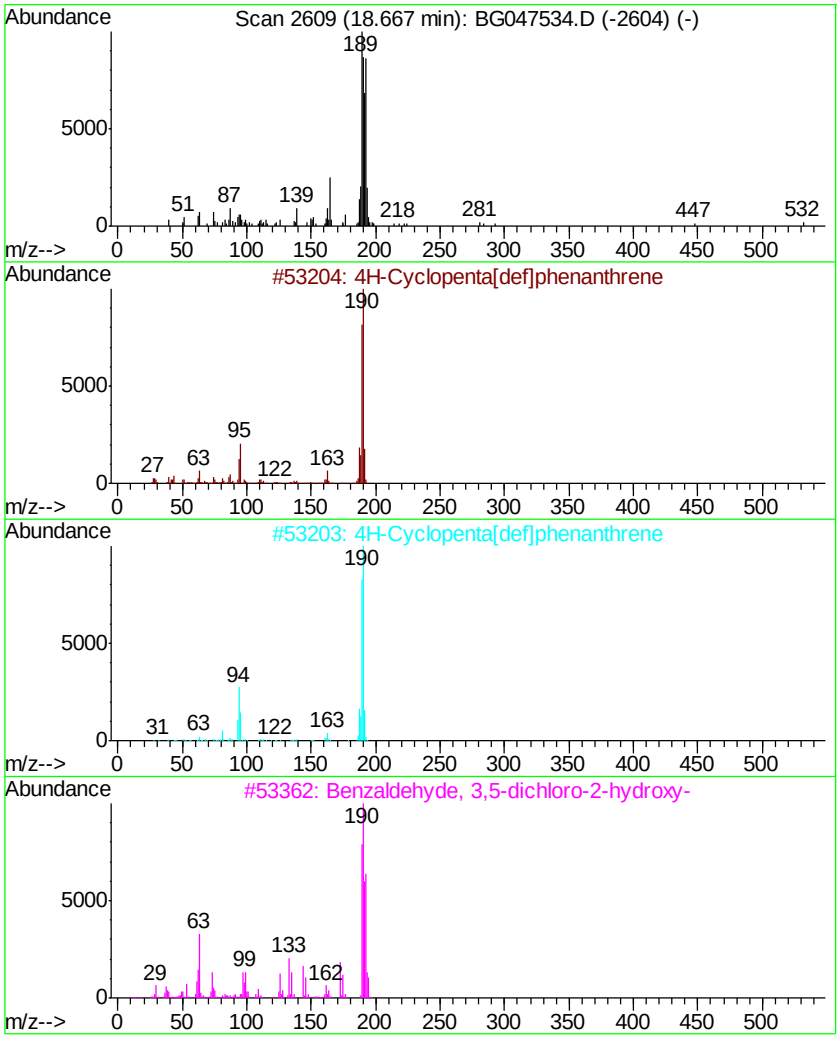
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

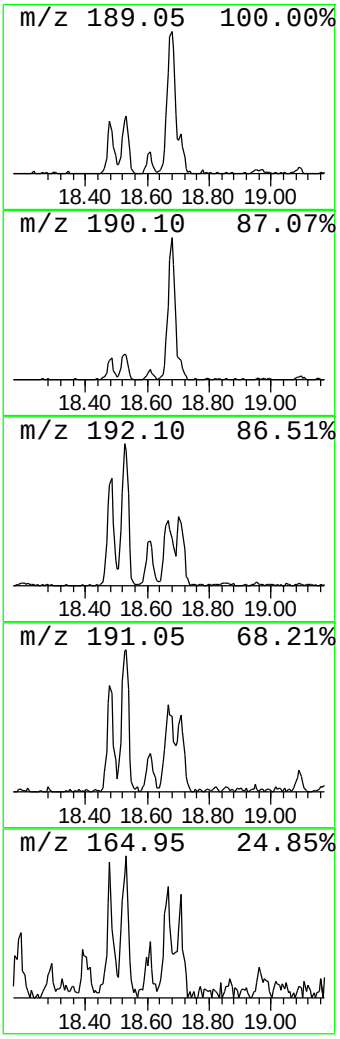
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	6.23 ng/ul	184091	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

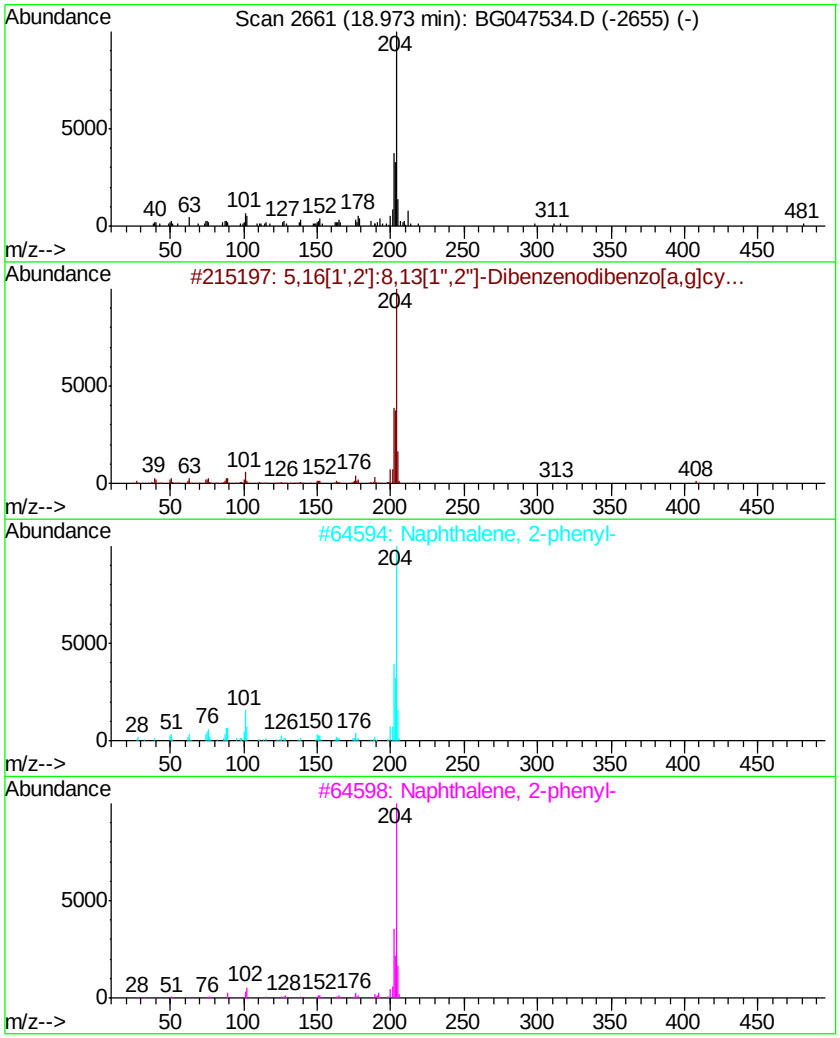
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

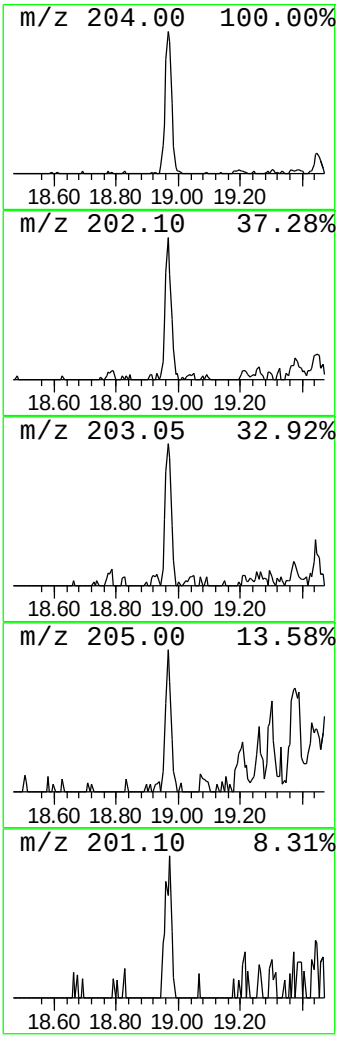
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	2.70 ng/ul	79891	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52





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Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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

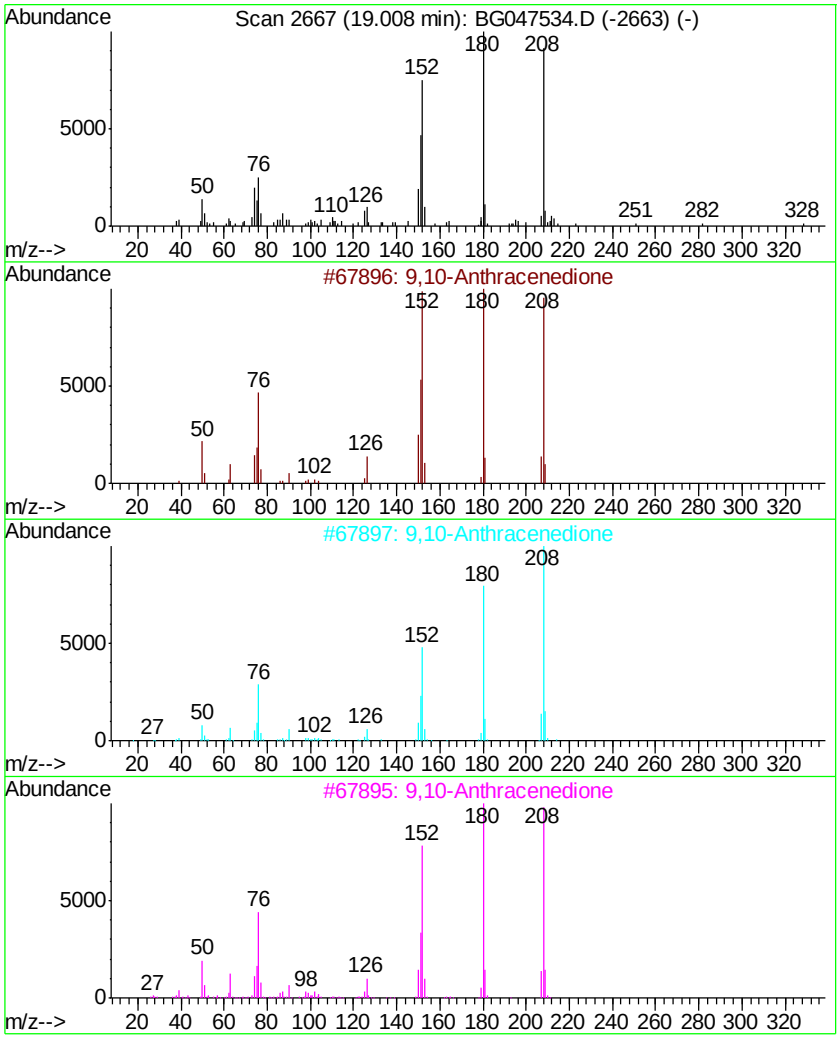
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

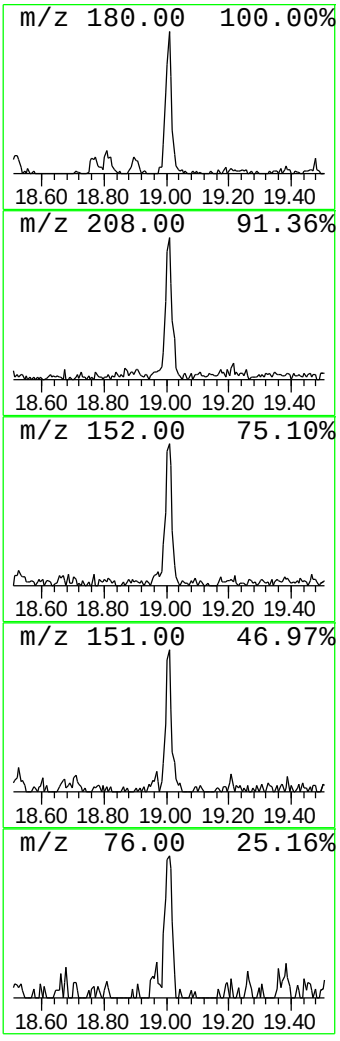
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	3.57 ng/ul	105576	Phenanthrene-d10	17.61

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	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	58





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Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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

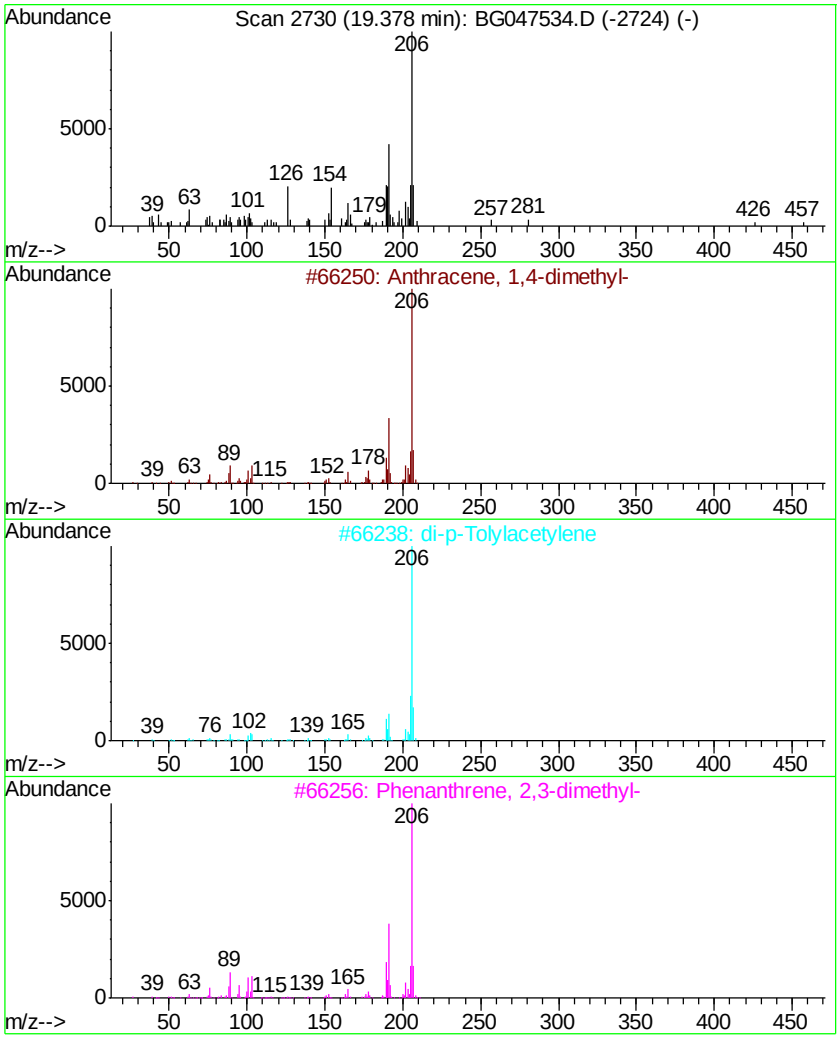
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

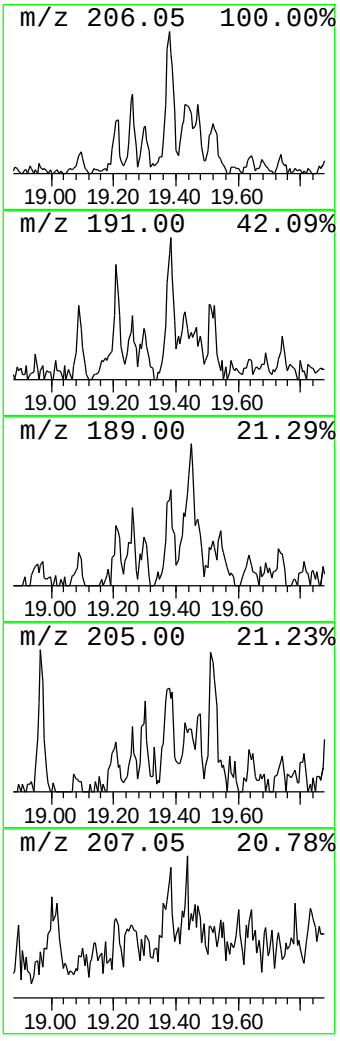
****

Peak Number 7 Anthracene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	2.60 ng/ul	76855	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	70
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	70
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	62
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	62





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Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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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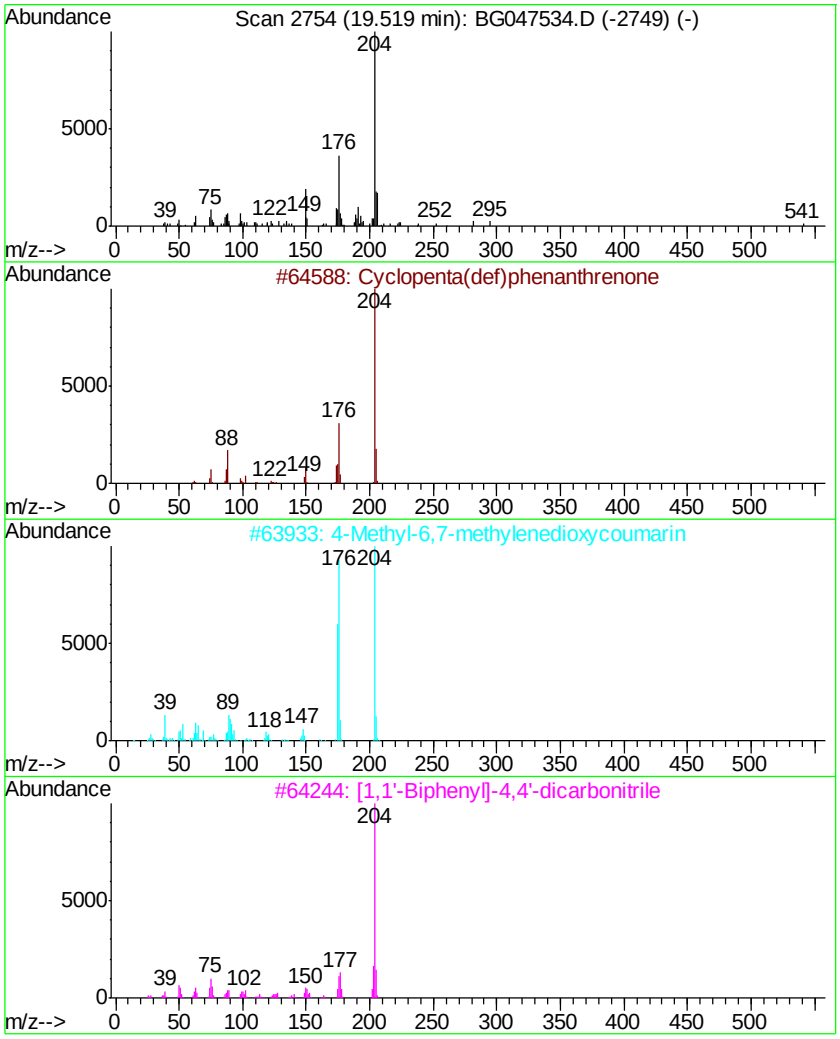
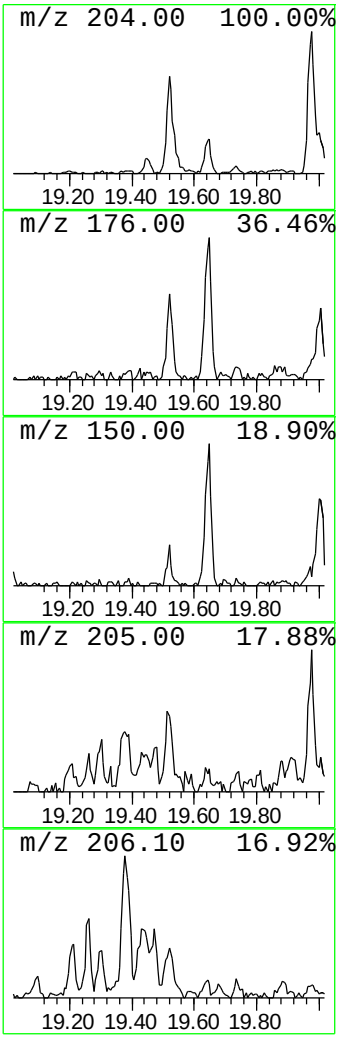
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	3.10 ng/ul	91438	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	74
2	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	58
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49





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Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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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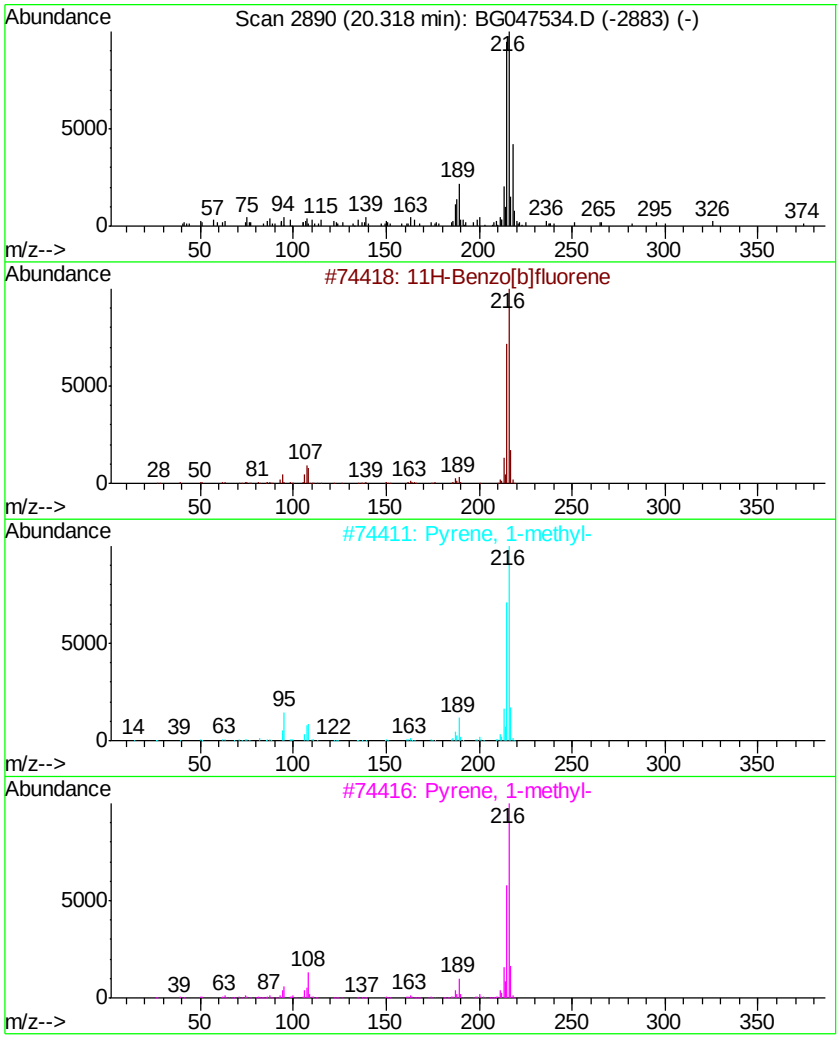
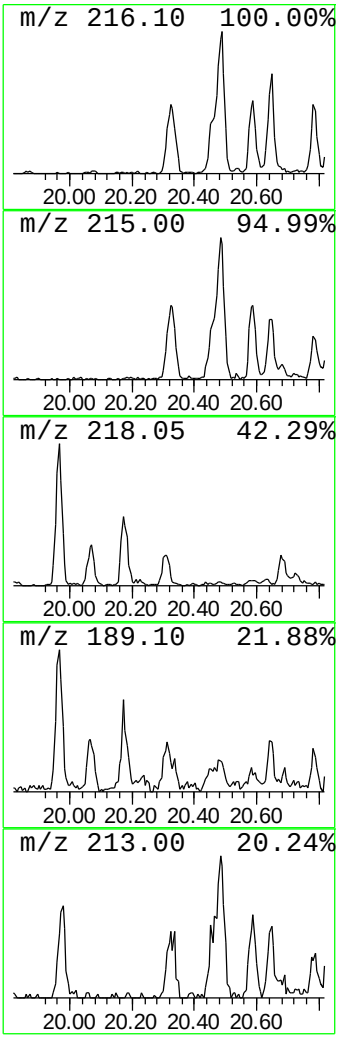
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	2.36 ng/ul	160444	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62





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Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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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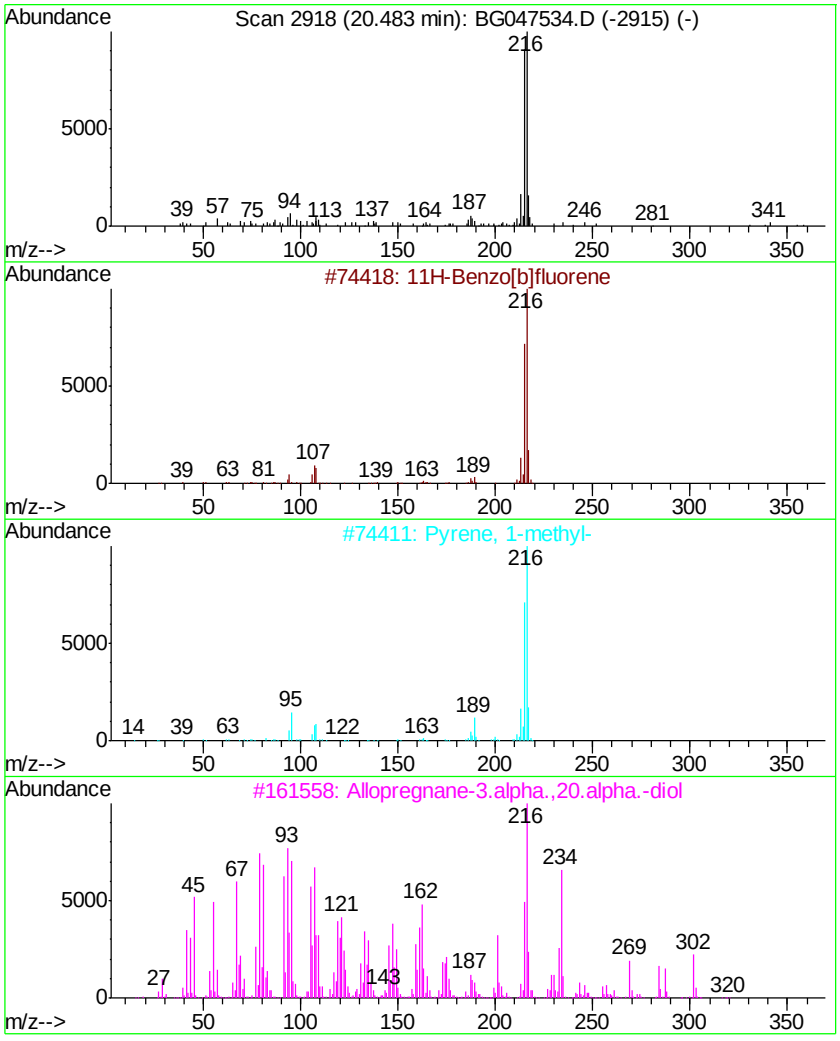
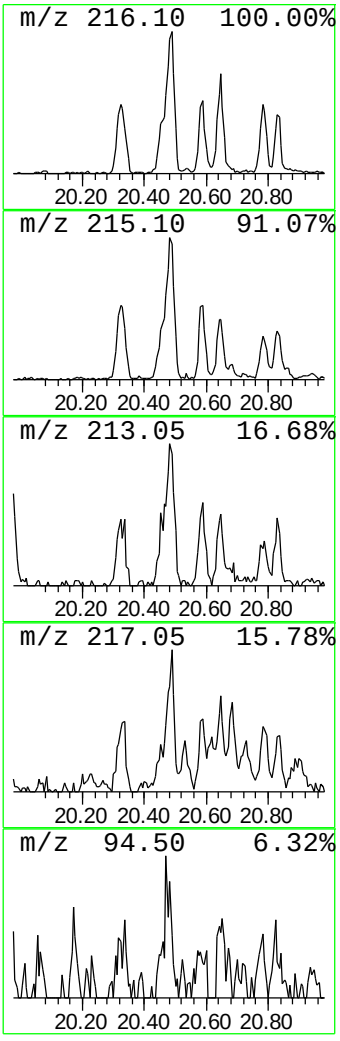
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	2.13 ng/ul	145097	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





Library Search Compound Report

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Data File : BG047534.D
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Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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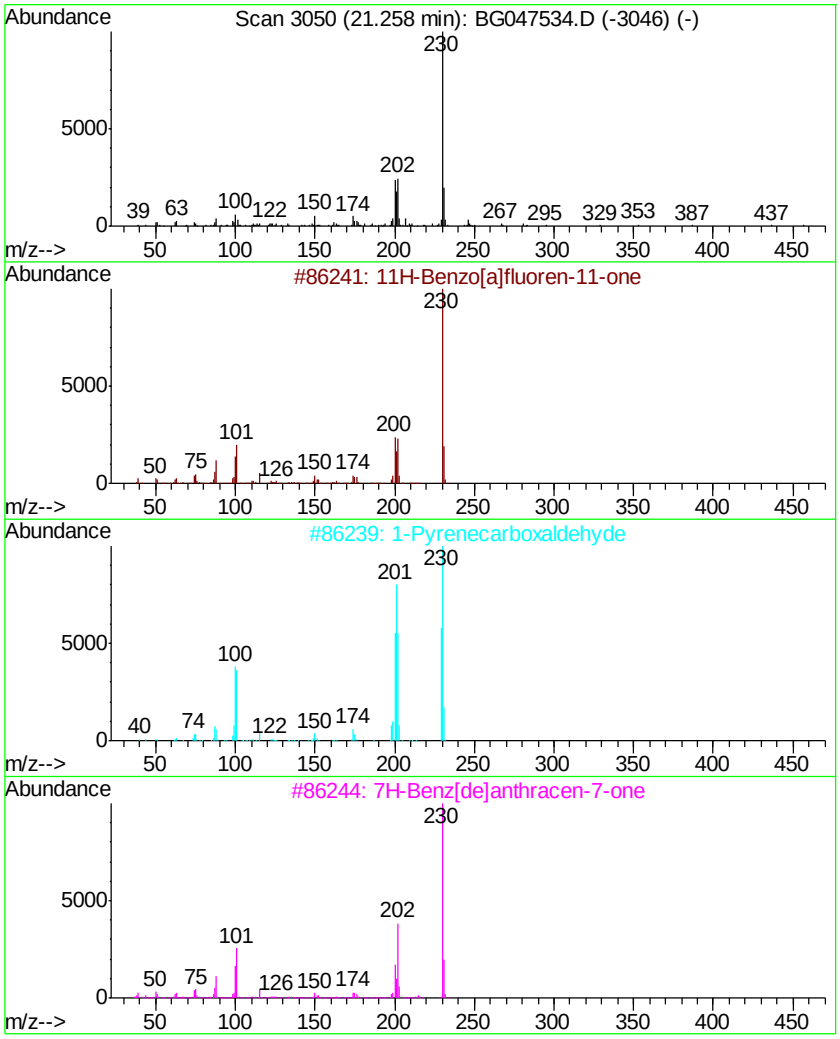
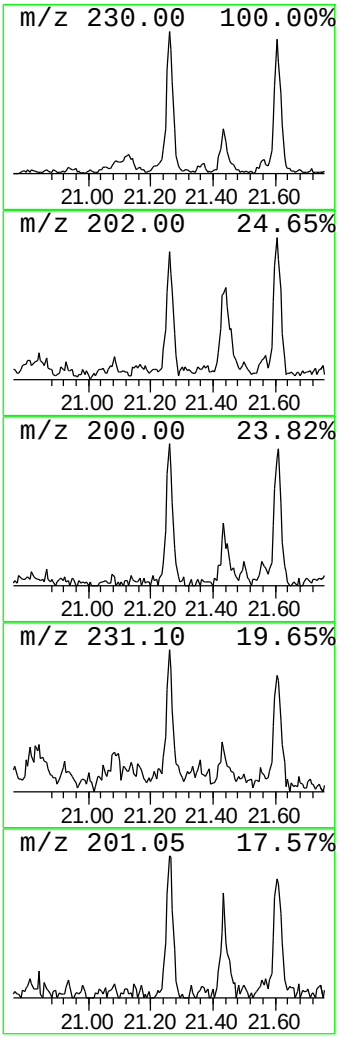
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	2.23 ng/ul	151739	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	80
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





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Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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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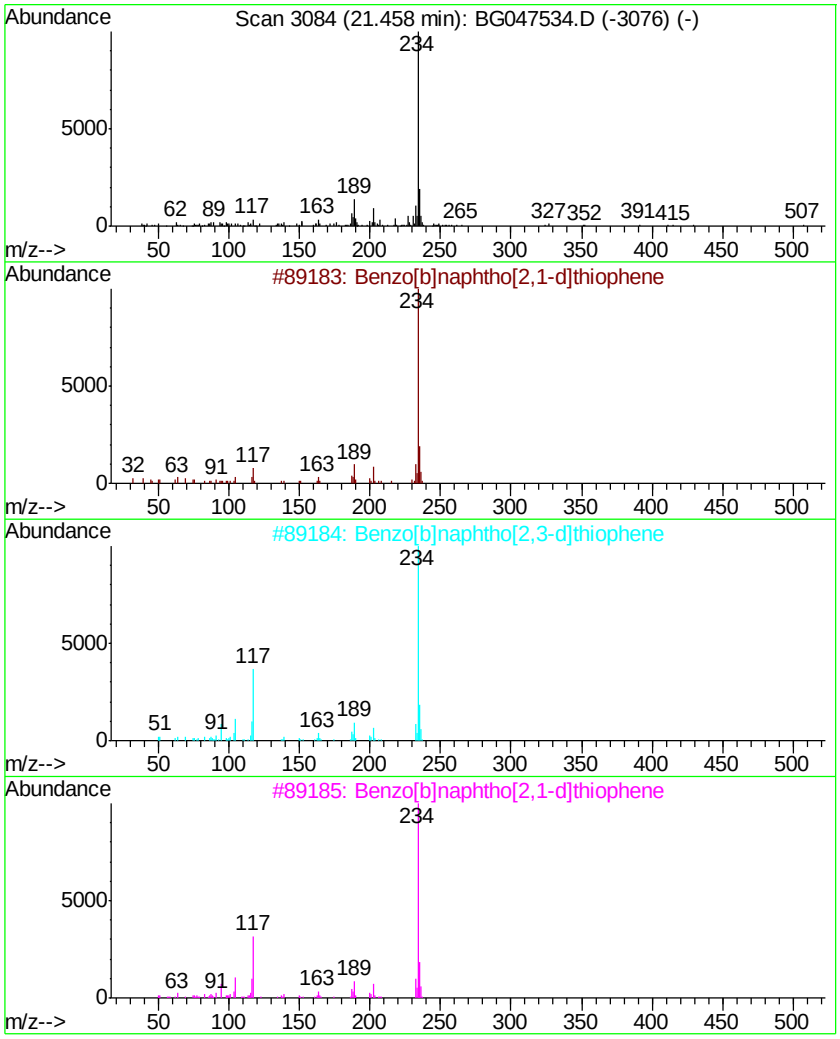
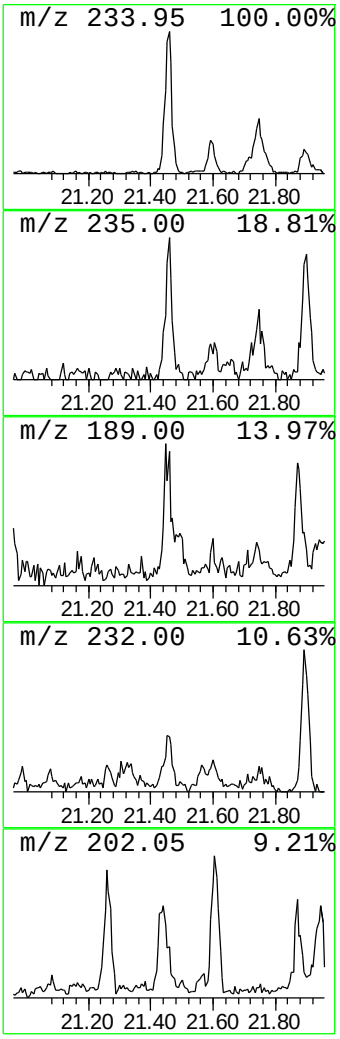
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	2.49 ng/ul	169560	Chrysene-d12	21.89

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[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	91





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Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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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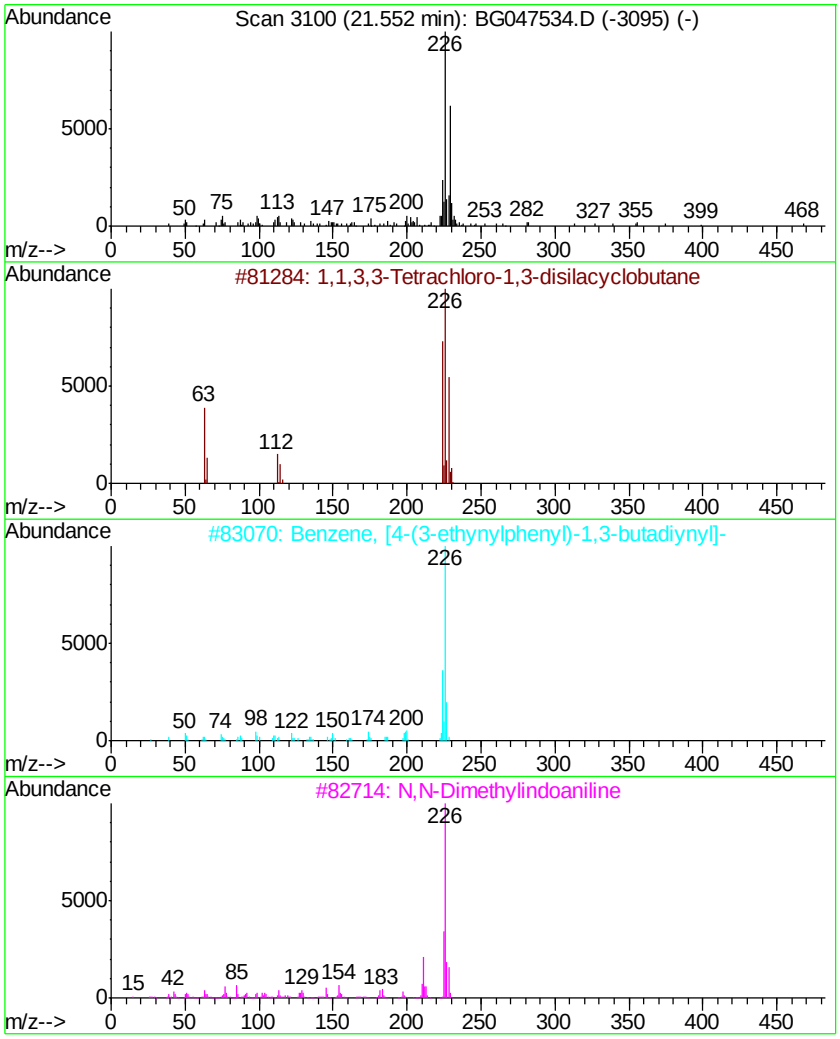
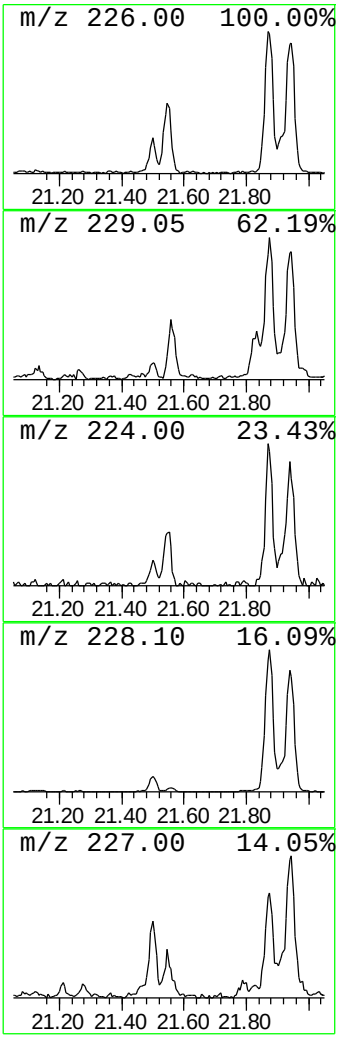
Peak Number 13 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	2.09 ng/ul	142418	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,3,3-Tetrachloro-1,3-disilacy...	224	C2H4Cl4Si2	002146-97-6	47
2	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43
3	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	43
4	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	43
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38





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Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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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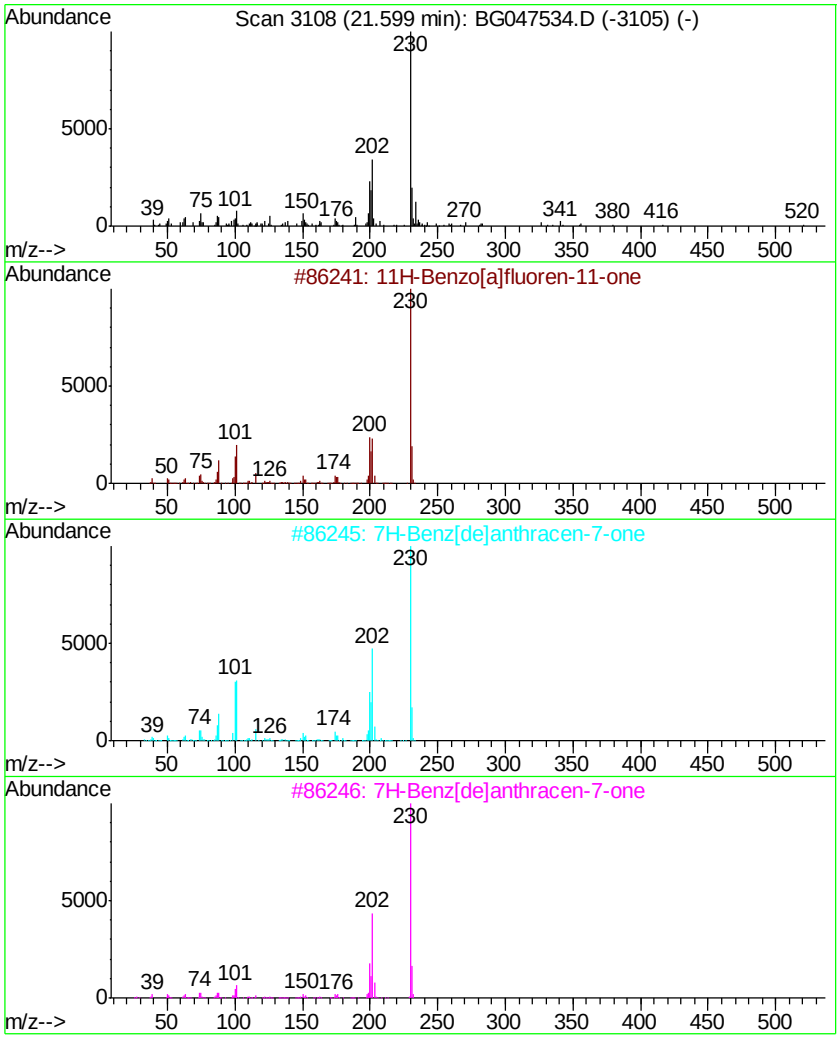
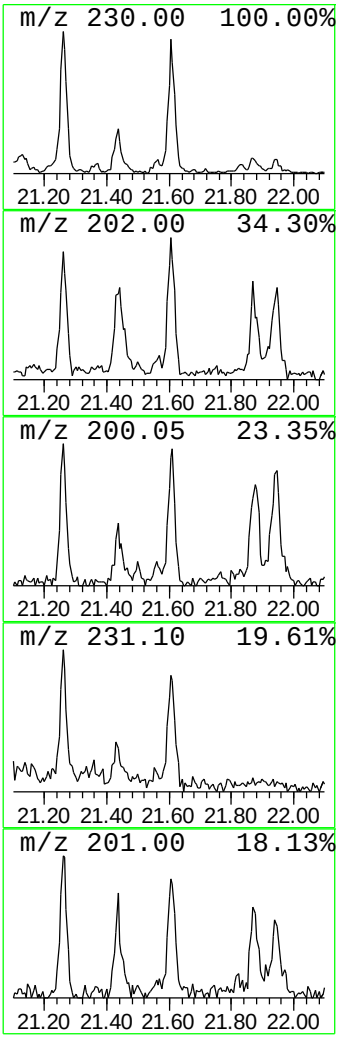
Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	2.61 ng/ul	177819	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64





Library Search Compound Report

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Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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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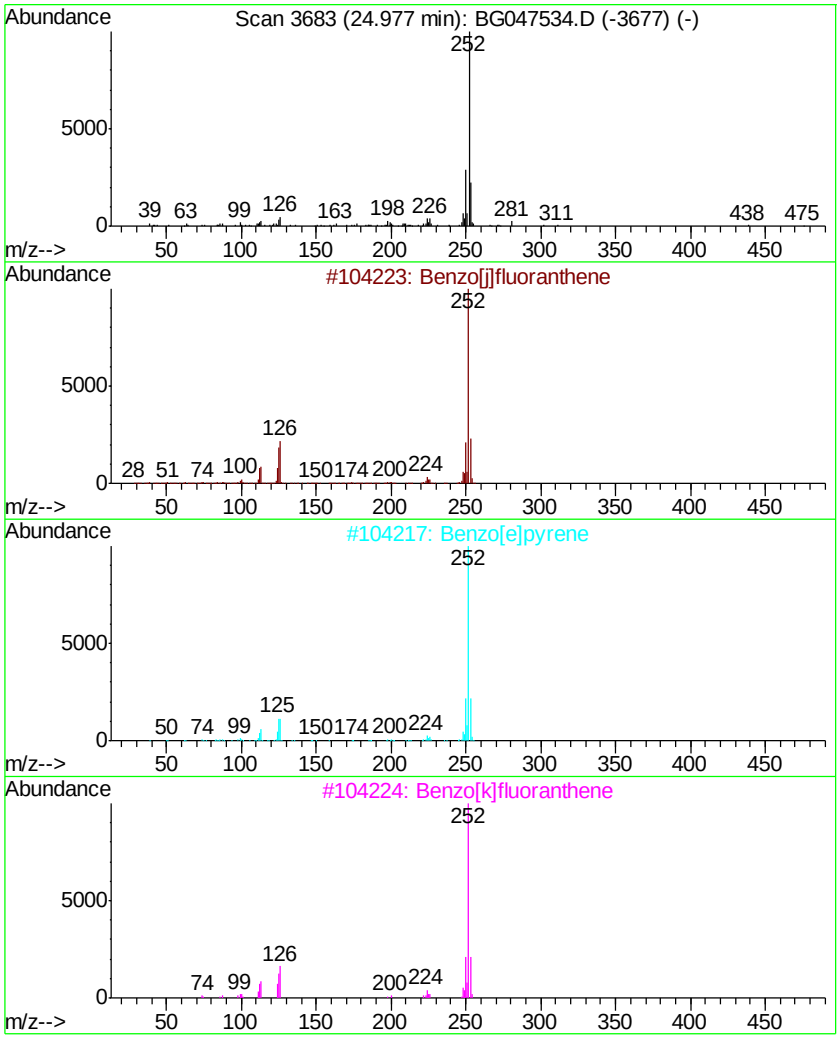
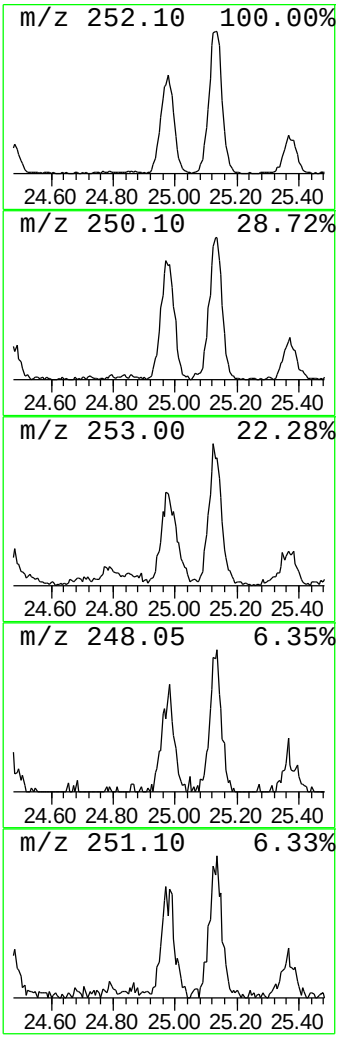
Peak Number 15 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.98	9.37 ng/ul	295209	Perylene-d12	25.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
2	Benzo[e]pyrene	252	C20H12	000192-97-2	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





Tentatively Identified Compound (LSC) summary

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Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B24DL

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
9H-Fluoren-9-one	17.26	2.0	ng/ul	59100	4	17.61	590789	20.0
Phenanthrene, 2-m...	18.48	3.9	ng/ul	113862	4	17.61	590789	20.0
Phenanthrene, 1-m...	18.53	5.2	ng/ul	153074	4	17.61	590789	20.0
4H-Cyclopenta[def...	18.67	6.2	ng/ul	184091	4	17.61	590789	20.0
5,16[1',2']:8,13[...	18.97	2.7	ng/ul	79891	4	17.61	590789	20.0
9,10-Anthracenedione	19.01	3.6	ng/ul	105576	4	17.61	590789	20.0
Anthracene, 1,4-d...	19.38	2.6	ng/ul	76855	4	17.61	590789	20.0
Cyclopenta(def)ph...	19.52	3.1	ng/ul	91438	4	17.61	590789	20.0
Pyrene, 1-methyl-	20.32	2.4	ng/ul	160444	5	21.89	1360130	20.0
11H-Benzo[b]fluorene	20.48	2.1	ng/ul	145097	5	21.89	1360130	20.0
11H-Benzo[a]fluor...	21.26	2.2	ng/ul	151739	5	21.89	1360130	20.0
Benzo[b]naphtho[2...	21.46	2.5	ng/ul	169560	5	21.89	1360130	20.0
unknown-01	21.55	2.1	ng/ul	142418	5	21.89	1360130	20.0
7H-Benz[de]anthra...	21.60	2.6	ng/ul	177819	5	21.89	1360130	20.0
Benzo[j]fluoranthene	24.98	9.4	ng/ul	295209	6	25.29	630130	20.0