LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050371.D
Acq On : 2 Oct 2021 1:16
Operator : CG/JU
Sample : M3874-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7S9

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\SFAM-EPA-BG093021.M
Title : SVOA CALIBRATION

Signal : TIC: BG050371.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.177	113	117	121	rVB4	8484	11097	1.01%	0.098%
2	4.301	134	138	143	rVB2	10647	16138	1.47%	0.142%
3	4.624	188	193	197	rVB3	11345	16660	1.52%	0.147%
4	5.041	259	264	269	rBV2	6716	10484	0.96%	0.092%
5	5.335	305	314	316	rBV5	3553	7202	0.66%	0.064%
6	5.423	326	329	334	rBV5	2190	3586	0.33%	0.032%
7	7.397	659	665	674	rVB	62203	112921	10.31%	0.996%
8	7.585	689	697	706	rVB	54156	96198	8.78%	0.849%
9	7.791	726	732	741	rVB	60042	106405	9.71%	0.939%
10	7.873	743	746	749	rVB4	1922	2424	0.22%	0.021%
11	8.273	807	814	821	rVB	126540	225508	20.58%	1.989%
12	8.960	924	931	939	rVB2	48867	89235	8.15%	0.787%
13	9.101	948	955	960	rVB4	4178	6942	0.63%	0.061%
14	9.436	1005	1012	1019	rBV	67119	121547	11.09%	1.072%
15	10.165	1130	1136	1144	rBV2	46565	82542	7.53%	0.728%
16	10.699	1220	1227	1236	rBV2	67634	123705	11.29%	1.091%
17	10.852	1248	1253	1260	rVB5	5053	9177	0.84%	0.081%
18	11.093	1287	1294	1301	rBV	171236	314150	28.68%	2.771%
19	11.222	1309	1316	1324	rVB2	38395	74918	6.84%	0.661%
20	12.732	1569	1573	1577	rVB4	5203	7863	0.72%	0.069%
21	12.950	1605	1610	1616	rVB2	4887	7724	0.71%	0.068%
22	13.696	1732	1737	1739	rBV4	1702	2429	0.22%	0.021%
23	13.913	1771	1774	1777	rBV2	2036	2500	0.23%	0.022%
24	14.072	1799	1801	1806	rVB2	2698	2656	0.24%	0.023%
25	14.207	1818	1824	1830	rBV3	6541	10777	0.98%	0.095%
26	14.277	1830	1836	1843	rVV	133759	203328	18.56%	1.794%
27	14.348	1843	1848	1852	rVB4	2227	3472	0.32%	0.031%
28	14.442	1860	1864	1868	rBV4	3920	5843	0.53%	0.052%
29	14.583	1881	1888	1895	rVB	166914	267826	24.45%	2.363%
30	14.753	1915	1917	1920	rBV3	2724	3149	0.29%	0.028%
31	14.888	1932	1940	1946	rBV	268939	430192	39.27%	3.795%
32	14.953	1946	1951	1957	rVB	37895	61201	5.59%	0.540%
33	15.047	1957	1967	1973	rBV3	29771	53210	4.86%	0.469%
34	15.194	1983	1992	2001	rBV5	3318	8277	0.76%	0.073%
35	15.282	2001	2007	2013	rVB	25573	40487	3.70%	0.357%
36	15.353	2013	2019	2025	rVB4	3420	5732	0.52%	0.051%

LSC Area Percent Report

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Acq On : 2 Oct 2021 1:16
Operator : CG/JU
Sample : M3874-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7S9

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\SFAM-EPA-BG093021.M
Title : SVOA CALIBRATION

37	15.494	2038	2043	2046	rBV4	2893	4913	0.45%	0.043%
38	15.547	2048	2052	2056	rVB5	3768	5031	0.46%	0.044%
39	15.664	2064	2072	2075	rBV4	3834	7242	0.66%	0.064%
40	15.699	2075	2078	2082	rVB5	4682	5841	0.53%	0.052%
41	15.876	2099	2108	2113	rBV	213510	332969	30.39%	2.937%
42	15.928	2113	2117	2121	rVV2	45731	71193	6.50%	0.628%
43	15.975	2121	2125	2130	rVV2	28380	40951	3.74%	0.361%
44	16.017	2130	2132	2134	rVV2	2583	2879	0.26%	0.025%
45	16.046	2135	2137	2141	rVV2	4295	5513	0.50%	0.049%
46	16.099	2141	2146	2150	rVV3	7188	11317	1.03%	0.100%
47	16.181	2156	2160	2163	rBV4	2993	4541	0.41%	0.040%
48	16.216	2163	2166	2171	rVB2	12759	17171	1.57%	0.151%
49	16.310	2179	2182	2184	rBV3	2350	2622	0.24%	0.023%
50	16.369	2187	2192	2200	rVV2	13622	26003	2.37%	0.229%
51	16.440	2200	2204	2205	rVV3	2309	2599	0.24%	0.023%
52	16.457	2205	2207	2213	rVB4	4109	5744	0.52%	0.051%
53	16.563	2222	2225	2226	rBV3	3797	4029	0.37%	0.036%
54	16.592	2226	2230	2235	rVB5	8858	15215	1.39%	0.134%
55	16.927	2277	2287	2292	rBV6	12702	30769	2.81%	0.271%
56	16.974	2292	2295	2300	rVB4	6439	8391	0.77%	0.074%
57	17.074	2309	2312	2317	rVB5	6007	9510	0.87%	0.084%
58	17.156	2318	2326	2329	rBV6	8332	15953	1.46%	0.141%
59	17.192	2329	2332	2336	rVV5	6292	6554	0.60%	0.058%
60	17.280	2341	2347	2353	rVB3	12820	21243	1.94%	0.187%
61	17.350	2355	2359	2362	rBV4	9754	15200	1.39%	0.134%
62	17.444	2372	2375	2382	rVB	25739	37593	3.43%	0.332%
63	17.626	2400	2406	2410	rBV	315050	526250	48.04%	4.642%
64	17.673	2410	2414	2419	rVV	499646	760139	69.39%	6.705%
65	17.726	2419	2423	2427	rVV	203583	330163	30.14%	2.912%
66	17.762	2427	2429	2434	rVB	107634	126848	11.58%	1.119%
67	17.897	2448	2452	2456	rBV5	3366	5626	0.51%	0.050%
68	17.991	2462	2468	2469	rBV3	3689	5813	0.53%	0.051%
69	18.026	2469	2474	2481	rVV2	49543	87549	7.99%	0.772%
70	18.096	2483	2486	2490	rVB4	5940	8665	0.79%	0.076%
71	18.143	2490	2494	2499	rBV5	12262	17086	1.56%	0.151%
72	18.273	2513	2516	2521	rBV6	8732	11229	1.02%	0.099%
73	18.355	2526	2530	2533	rBV5	4367	6746	0.62%	0.060%
74	18.425	2538	2542	2543	rBV3	3055	3162	0.29%	0.028%
75	18.502	2549	2555	2559	rBV	66865	115121	10.51%	1.015%
76	18.549	2559	2563	2570	rVB2	84467	131872	12.04%	1.163%

LSC Area Percent Report

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Data File : BG050371.D
Acq On : 2 Oct 2021 1:16
Operator : CG/JU
Sample : M3874-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7S9

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

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Title : SVOA CALIBRATION

77	18.631	2572	2577	2582	rBV	24695	38830	3.54%	0.343%
78	18.696	2582	2588	2592	rBV3	91864	176023	16.07%	1.553%
79	18.784	2601	2603	2608	rVB6	6489	9224	0.84%	0.081%
80	18.831	2609	2611	2617	rVB3	6047	9295	0.85%	0.082%
81	18.990	2633	2638	2642	rBV	48238	76018	6.94%	0.671%
82	19.031	2642	2645	2651	rVB2	29893	44722	4.08%	0.394%
83	19.113	2657	2659	2663	rVB5	6240	6671	0.61%	0.059%
84	19.230	2676	2679	2684	rBV4	13013	18384	1.68%	0.162%
85	19.401	2704	2708	2713	rBV3	34218	52902	4.83%	0.467%
86	19.542	2728	2732	2740	rBV4	20725	46503	4.24%	0.410%
87	19.665	2748	2753	2760	rVB	694188	1031258	94.13%	9.097%
88	19.912	2792	2795	2799	rVB2	18173	24111	2.20%	0.213%
89	20.000	2803	2810	2812	rBV2	406289	641919	58.59%	5.662%
90	20.029	2812	2815	2821	rVV	568064	796723	72.73%	7.028%
91	20.094	2823	2826	2832	rVB2	32887	46681	4.26%	0.412%
92	20.200	2840	2844	2849	rVB	37824	52052	4.75%	0.459%
93	20.341	2863	2868	2870	rBV2	36320	64593	5.90%	0.570%
94	20.511	2894	2897	2903	rVB2	106576	157049	14.34%	1.385%
95	20.611	2910	2914	2918	rBV2	87984	130194	11.88%	1.148%
96	21.534	3068	3071	3076	rVB	70778	95125	8.68%	0.839%
97	21.921	3129	3137	3143	rBV2	392874	1095519	100.00%	9.664%
98	21.980	3143	3147	3156	rVB	222028	401079	36.61%	3.538%
99	24.266	3528	3536	3543	rBV	125920	420960	38.43%	3.713%
100	25.353	3713	3721	3732	rBV2	159366	505860	46.18%	4.462%

Sum of corrected areas: 11336455

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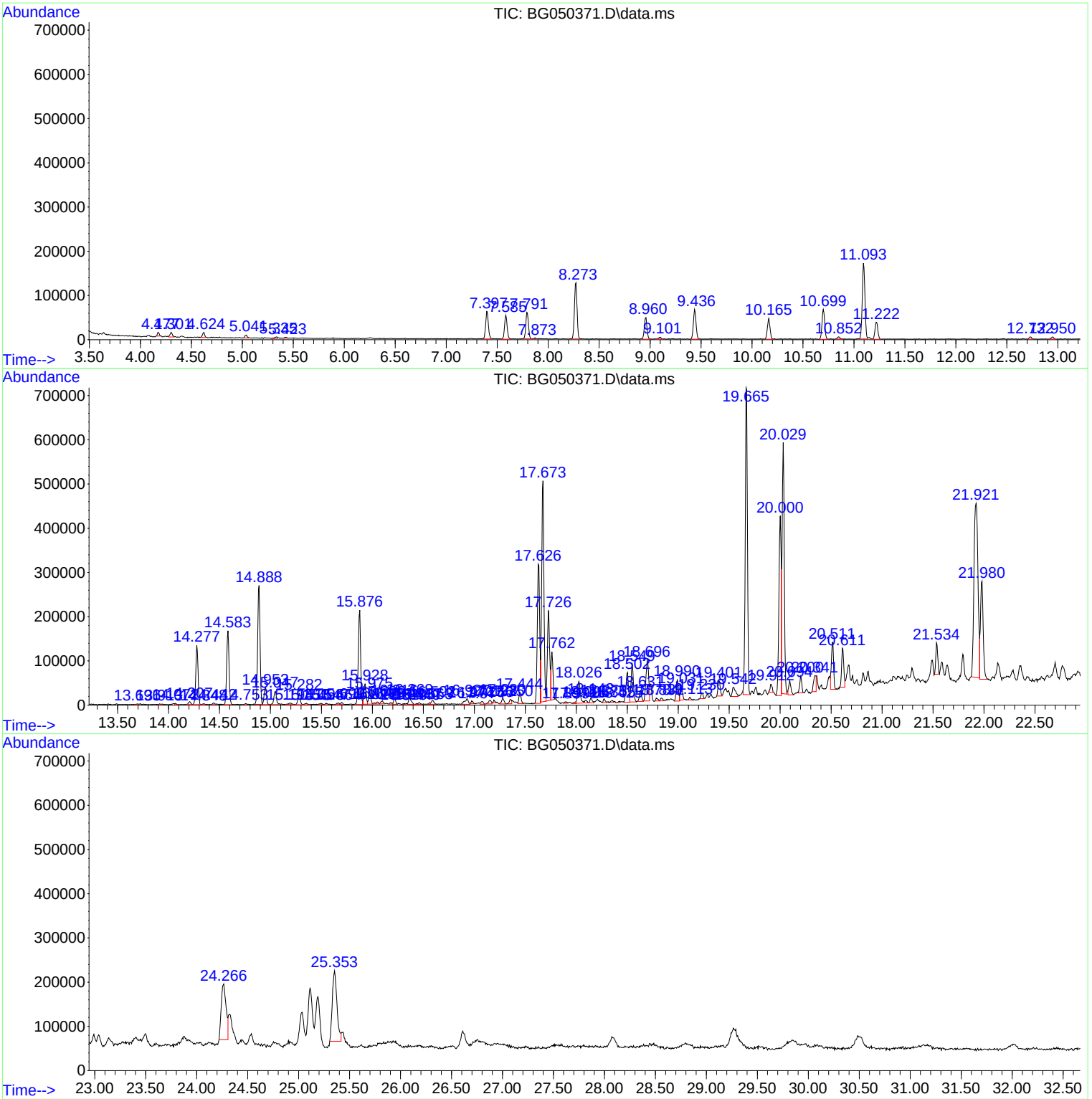
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7S9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050371.D
Acq On : 2 Oct 2021 1:16
Operator : CG/JU
Sample : M3874-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7S9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

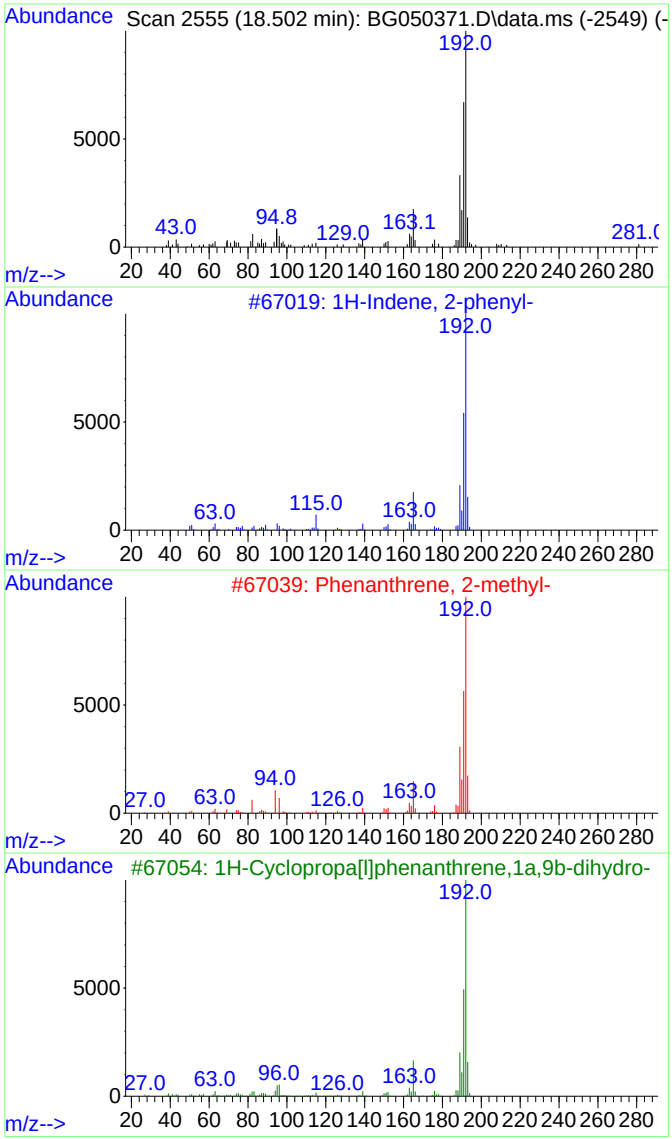
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

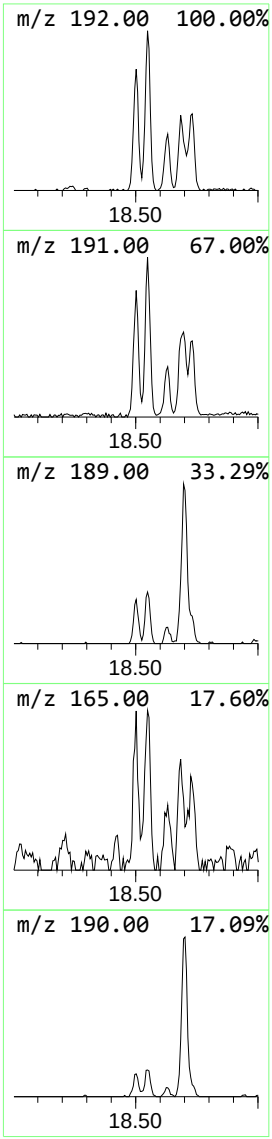
****

Peak Number 1 1H-Indene, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.502	4.38 ng/ul	115121	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050371.D
Acq On : 2 Oct 2021 1:16
Operator : CG/JU
Sample : M3874-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7S9

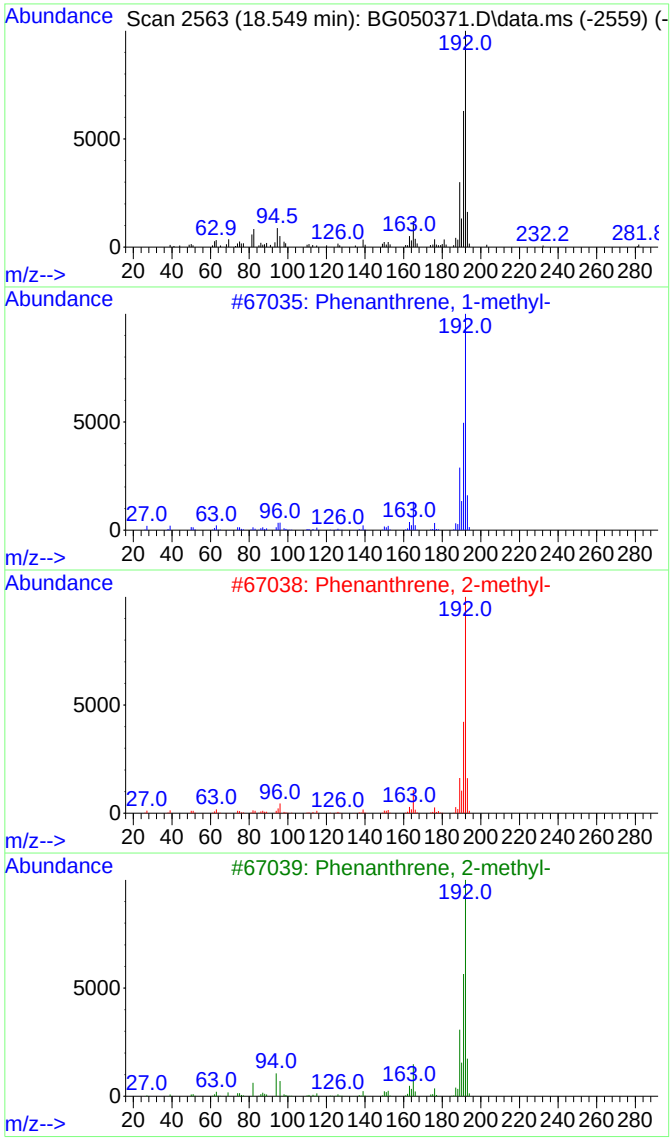
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

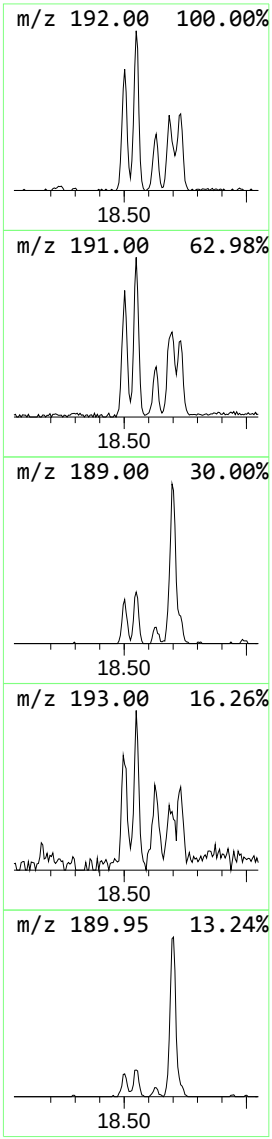
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.549	5.01 ng/ul	131872	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050371.D
Acq On : 2 Oct 2021 1:16
Operator : CG/JU
Sample : M3874-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7S9

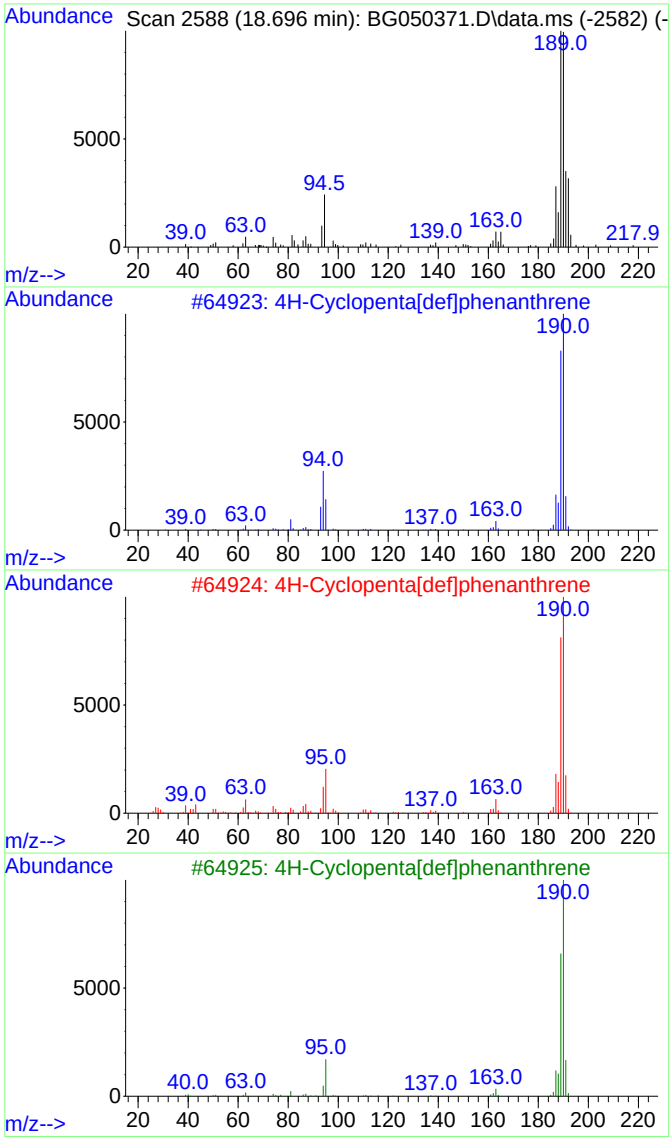
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

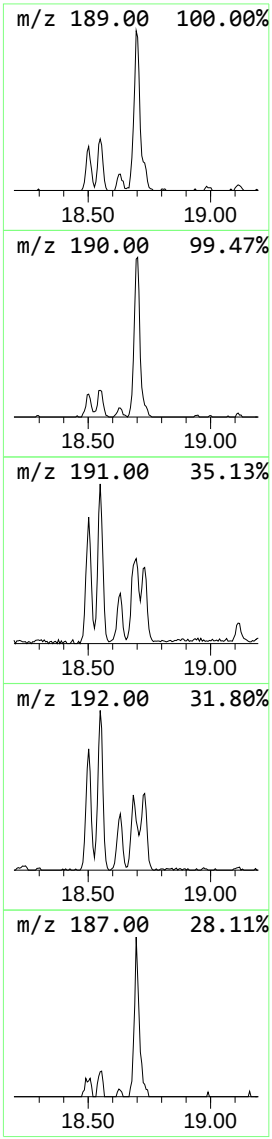
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.696	6.69 ng/ul	176023	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050371.D
Acq On : 2 Oct 2021 1:16
Operator : CG/JU
Sample : M3874-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7S9

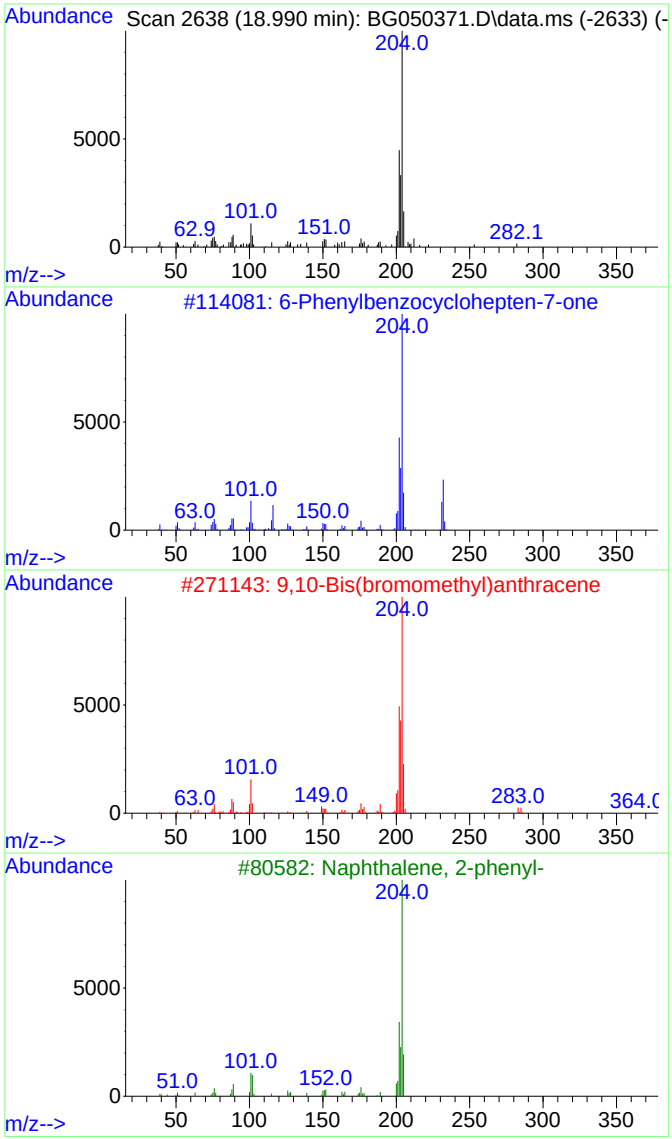
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

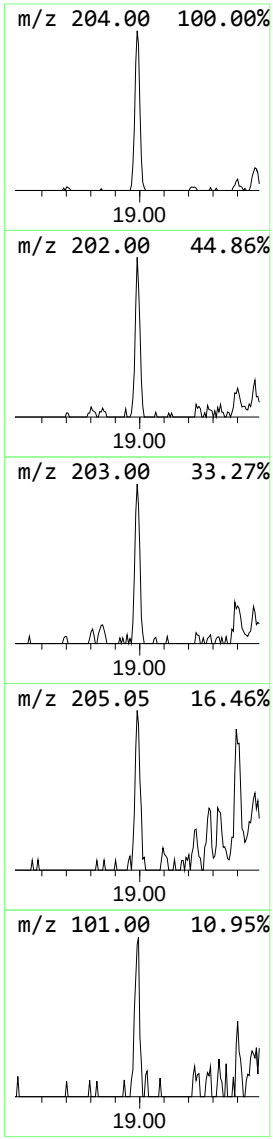
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 6-Phenylbenzocyclohepten-7-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.990	2.89 ng/ul	76018	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050371.D
Acq On : 2 Oct 2021 1:16
Operator : CG/JU
Sample : M3874-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7S9

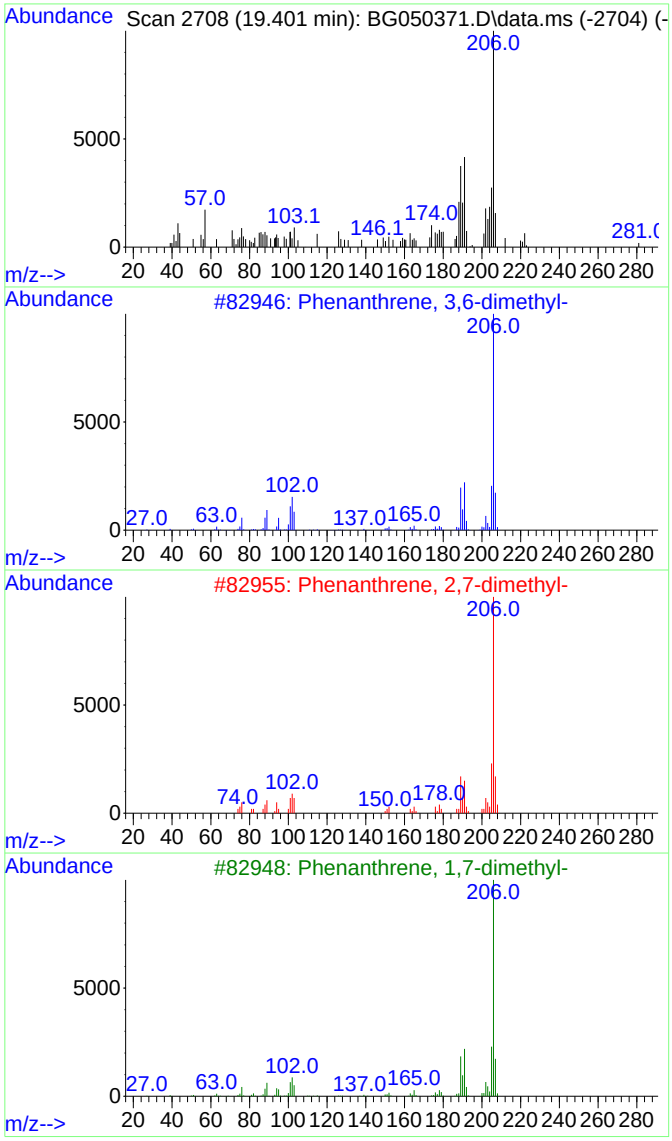
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

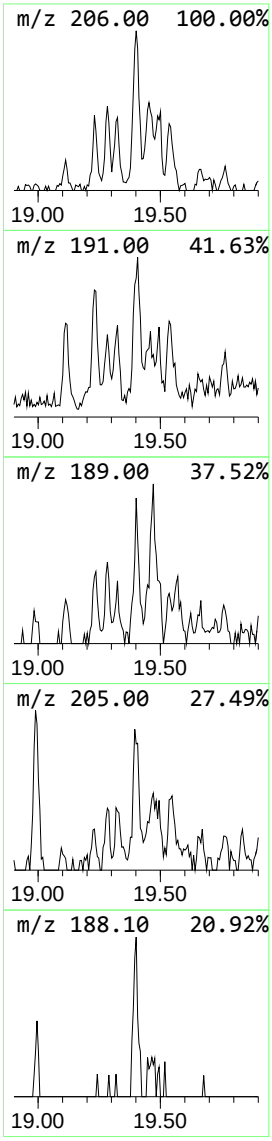
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.401	2.01 ng/ul	52902	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





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Acq On : 2 Oct 2021 1:16
Operator : CG/JU
Sample : M3874-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7S9

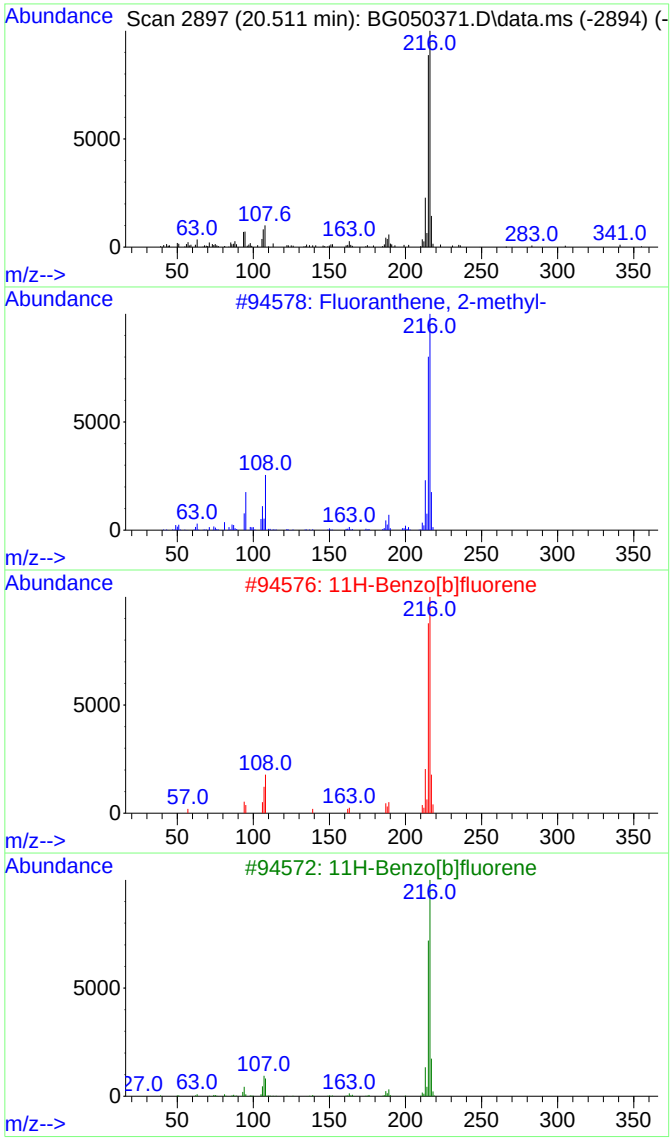
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

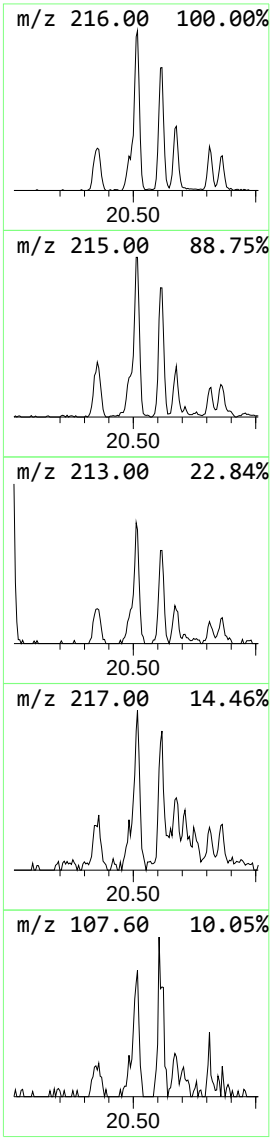
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.511	2.87 ng/ul	157049	Chrysene-d12	21.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050371.D
Acq On : 2 Oct 2021 1:16
Operator : CG/JU
Sample : M3874-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7S9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

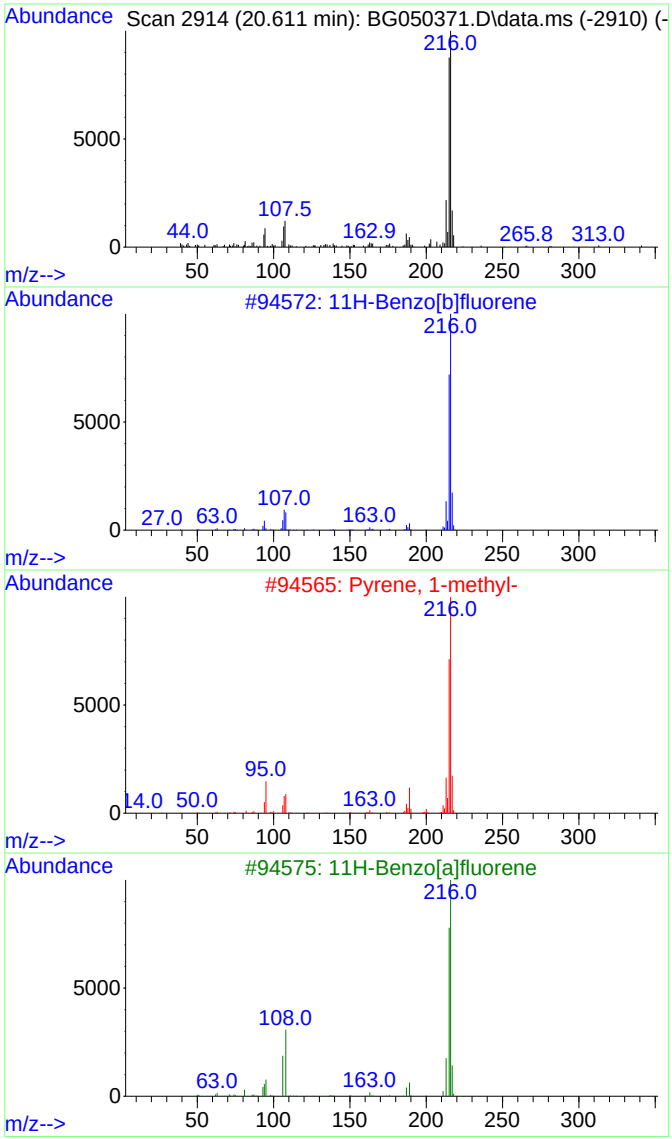
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

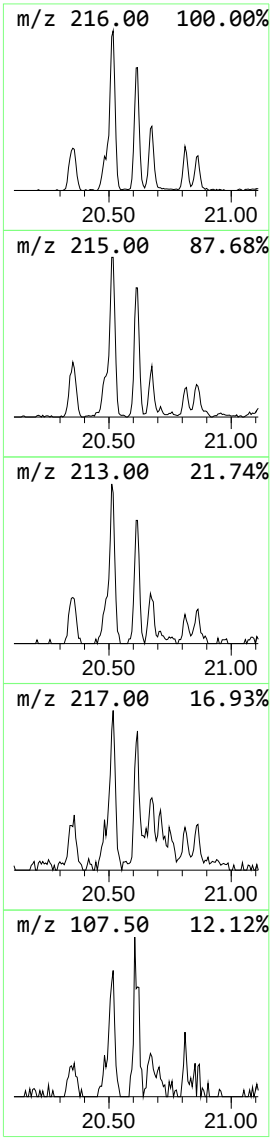
****

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.611	2.38 ng/ul	130194	Chrysene-d12	21.927

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	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050371.D
Acq On : 2 Oct 2021 1:16
Operator : CG/JU
Sample : M3874-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW7S9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1H-Indene, 2-ph...	18.502	4.4	ng/ul	115121	4	17.626	526250	20.0
Phenanthrene, 1...	18.549	5.0	ng/ul	131872	4	17.626	526250	20.0
4H-Cyclopenta[d...	18.696	6.7	ng/ul	176023	4	17.626	526250	20.0
6-Phenylbenzocy...	18.990	2.9	ng/ul	76018	4	17.626	526250	20.0
Phenanthrene, 3...	19.401	2.0	ng/ul	52902	4	17.626	526250	20.0
Fluoranthene, 2...	20.511	2.9	ng/ul	157049	5	21.927	1095520	20.0
11H-Benzo[b]flu...	20.611	2.4	ng/ul	130194	5	21.927	1095520	20.0