LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057259.D
Acq On : 1 May 2023 21:13
Operator : CG/JU
Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW8Y4

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-BG042823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG057259.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.656	14	20	24	rBV5	1704	3091	0.36%	0.033%
2	4.108	93	97	101	rVV3	1705	2710	0.31%	0.029%
3	4.214	110	115	121	rVB2	13190	18285	2.11%	0.197%
4	5.025	250	253	257	rVB4	2157	2872	0.33%	0.031%
5	5.495	328	333	339	rVB3	2137	3191	0.37%	0.034%
6	7.521	672	678	686	rVB	38430	67564	7.80%	0.727%
7	7.686	700	706	712	rBV	27201	44869	5.18%	0.483%
8	7.909	738	744	752	rVB	36857	62892	7.26%	0.676%
9	8.379	818	824	832	rVB	60167	100291	11.58%	1.079%
10	9.078	936	943	952	rBV	36771	63745	7.36%	0.686%
11	9.213	959	966	973	rVB2	3864	7041	0.81%	0.076%
12	9.560	1017	1025	1032	rBV	39997	70389	8.13%	0.757%
13	10.288	1143	1149	1157	rVB	36419	62556	7.22%	0.673%
14	10.835	1236	1242	1250	rVB	52402	90038	10.39%	0.968%
15	11.222	1299	1308	1314	rBV	84358	152255	17.58%	1.637%
16	11.269	1314	1316	1321	rVB2	2019	2811	0.32%	0.030%
17	11.346	1321	1329	1335	rBV2	17025	31332	3.62%	0.337%
18	12.850	1580	1585	1589	rVB	2655	3560	0.41%	0.038%
19	13.061	1617	1621	1629	rVB3	2257	3752	0.43%	0.040%
20	14.318	1829	1835	1839	rBV	2808	4540	0.52%	0.049%
21	14.377	1839	1845	1852	rVB	107036	146165	16.87%	1.572%
22	14.694	1891	1899	1910	rBV2	112036	175433	20.25%	1.887%
23	14.994	1944	1950	1956	rVB2	142346	220251	25.42%	2.369%
24	15.058	1956	1961	1967	rVB	12998	18456	2.13%	0.198%
25	15.182	1976	1982	1992	rBV2	23562	44002	5.08%	0.473%
26	15.387	2011	2017	2024	rBV2	13080	17142	1.98%	0.184%
27	15.981	2112	2118	2123	rBV	142741	217502	25.11%	2.339%
28	16.033	2123	2127	2133	rVB	21152	31125	3.59%	0.335%
29	16.098	2133	2138	2142	rBV2	17201	24738	2.86%	0.266%
30	16.192	2151	2154	2160	rVB2	2628	3540	0.41%	0.038%
31	16.327	2171	2177	2182	rVB2	37507	53263	6.15%	0.573%
32	16.462	2196	2200	2209	rBV2	6869	12797	1.48%	0.138%
33	16.662	2232	2234	2239	rVV2	2229	3103	0.36%	0.033%
34	17.026	2291	2296	2301	rVV4	5206	9912	1.14%	0.107%
35	17.079	2301	2305	2310	rVB3	2133	3658	0.42%	0.039%
36	17.179	2318	2322	2325	rVB5	2016	2869	0.33%	0.031%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW8Y4

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-BG042823.MA.M
Title : SVOA CALIBRATION

37	17.249	2327	2334	2339	rBV5	4090	8597	0.99%	0.092%
38	17.291	2339	2341	2345	rVV3	3921	5392	0.62%	0.058%
39	17.390	2351	2358	2362	rBV2	11609	19037	2.20%	0.205%
40	17.449	2362	2368	2376	rVB7	5966	15222	1.76%	0.164%
41	17.549	2382	2385	2390	rBV	13050	19032	2.20%	0.205%
42	17.731	2408	2416	2420	rBV	162414	266158	30.72%	2.862%
43	17.778	2420	2424	2429	rVV	287286	429854	49.62%	4.623%
44	17.831	2429	2433	2437	rVV2	143443	226945	26.20%	2.441%
45	17.866	2437	2439	2445	rVB	58061	72142	8.33%	0.776%
46	17.925	2445	2449	2453	rVB3	4536	5501	0.64%	0.059%
47	18.037	2464	2468	2473	rVB7	2897	4630	0.53%	0.050%
48	18.131	2478	2484	2490	rBV2	17336	32234	3.72%	0.347%
49	18.236	2499	2502	2506	rBV	6673	9165	1.06%	0.099%
50	18.313	2511	2515	2522	rVB7	6365	10822	1.25%	0.116%
51	18.465	2536	2541	2544	rVB5	3159	5920	0.68%	0.064%
52	18.524	2547	2551	2556	rBV7	4277	7379	0.85%	0.079%
53	18.601	2560	2564	2568	rVB	33729	46052	5.32%	0.495%
54	18.648	2568	2572	2577	rVB	51817	74729	8.63%	0.804%
55	18.730	2581	2586	2591	rBV	16621	24875	2.87%	0.268%
56	18.800	2591	2598	2602	rBV2	61221	121650	14.04%	1.308%
57	18.894	2609	2614	2617	rBV6	5128	8602	0.99%	0.093%
58	18.935	2619	2621	2624	rVV4	5661	6633	0.77%	0.071%
59	18.977	2626	2628	2630	rVV3	3288	3956	0.46%	0.043%
60	18.994	2630	2631	2634	rVV3	4182	3451	0.40%	0.037%
61	19.029	2634	2637	2640	rVV5	3631	4912	0.57%	0.053%
62	19.082	2642	2646	2650	rVV	33266	44986	5.19%	0.484%
63	19.135	2651	2655	2661	rVB2	25976	38202	4.41%	0.411%
64	19.212	2664	2668	2672	rBV7	3962	6802	0.79%	0.073%
65	19.323	2684	2687	2691	rVB6	8112	9856	1.14%	0.106%
66	19.376	2693	2696	2700	rBV2	7865	9985	1.15%	0.107%
67	19.417	2700	2703	2707	rVB5	7111	8902	1.03%	0.096%
68	19.499	2709	2717	2721	rBV	18864	36386	4.20%	0.391%
69	19.570	2727	2729	2730	rBV2	4586	4219	0.49%	0.045%
70	19.646	2737	2742	2748	rBV3	25619	48221	5.57%	0.519%
71	19.770	2756	2763	2768	rBV	607068	866298	100.00%	9.317%
72	19.858	2775	2778	2783	rVB3	11017	12692	1.47%	0.137%
73	20.010	2797	2804	2807	rBV2	18693	36598	4.22%	0.394%
74	20.099	2812	2819	2821	rBV3	244987	405454	46.80%	4.361%
75	20.128	2821	2824	2831	rVV	512771	702202	81.06%	7.552%
76	20.187	2831	2834	2840	rVB2	25328	36570	4.22%	0.393%

LSC Area Percent Report

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Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Title : SVOA CALIBRATION

77	20.292	2848	2852	2857	rVB	30111	47391	5.47%	0.510%
78	20.363	2861	2864	2869	rVB	23630	35221	4.07%	0.379%
79	20.445	2872	2878	2883	rBV3	33205	76925	8.88%	0.827%
80	20.498	2885	2887	2890	rVV3	7783	7079	0.82%	0.076%
81	20.568	2896	2899	2900	rBV3	15660	16478	1.90%	0.177%
82	20.610	2902	2906	2910	rVB	72527	100947	11.65%	1.086%
83	20.704	2918	2922	2926	rBV	48139	59258	6.84%	0.637%
84	20.768	2926	2933	2936	rVV2	32740	62301	7.19%	0.670%
85	20.909	2954	2957	2962	rBV	23308	34583	3.99%	0.372%
86	20.962	2962	2966	2972	rVB	25390	47939	5.53%	0.516%
87	21.403	3037	3041	3047	rVB	40725	67735	7.82%	0.728%
88	21.597	3069	3074	3078	rBV2	46366	86629	10.00%	0.932%
89	21.644	3079	3082	3087	rVB	38568	55928	6.46%	0.601%
90	21.702	3087	3092	3096	rBV2	44254	79073	9.13%	0.850%
91	22.031	3142	3148	3155	rBV3	284382	708053	81.73%	7.615%
92	22.096	3155	3159	3166	rVB	201621	359474	41.50%	3.866%
93	22.266	3183	3188	3194	rVB2	43874	83454	9.63%	0.898%
94	22.489	3222	3226	3232	rVB2	33209	55631	6.42%	0.598%
95	24.451	3550	3560	3568	rBV	173596	629200	72.63%	6.767%
96	25.250	3688	3696	3703	rBV2	82440	238654	27.55%	2.567%
97	25.327	3705	3709	3716	rVV	71373	190123	21.95%	2.045%
98	25.415	3717	3724	3735	rVB	132018	379825	43.84%	4.085%
99	25.573	3745	3751	3759	rBV2	66248	167305	19.31%	1.799%
100	29.650	4437	4445	4464	rVB4	44531	226941	26.20%	2.441%

Sum of corrected areas: 9298150

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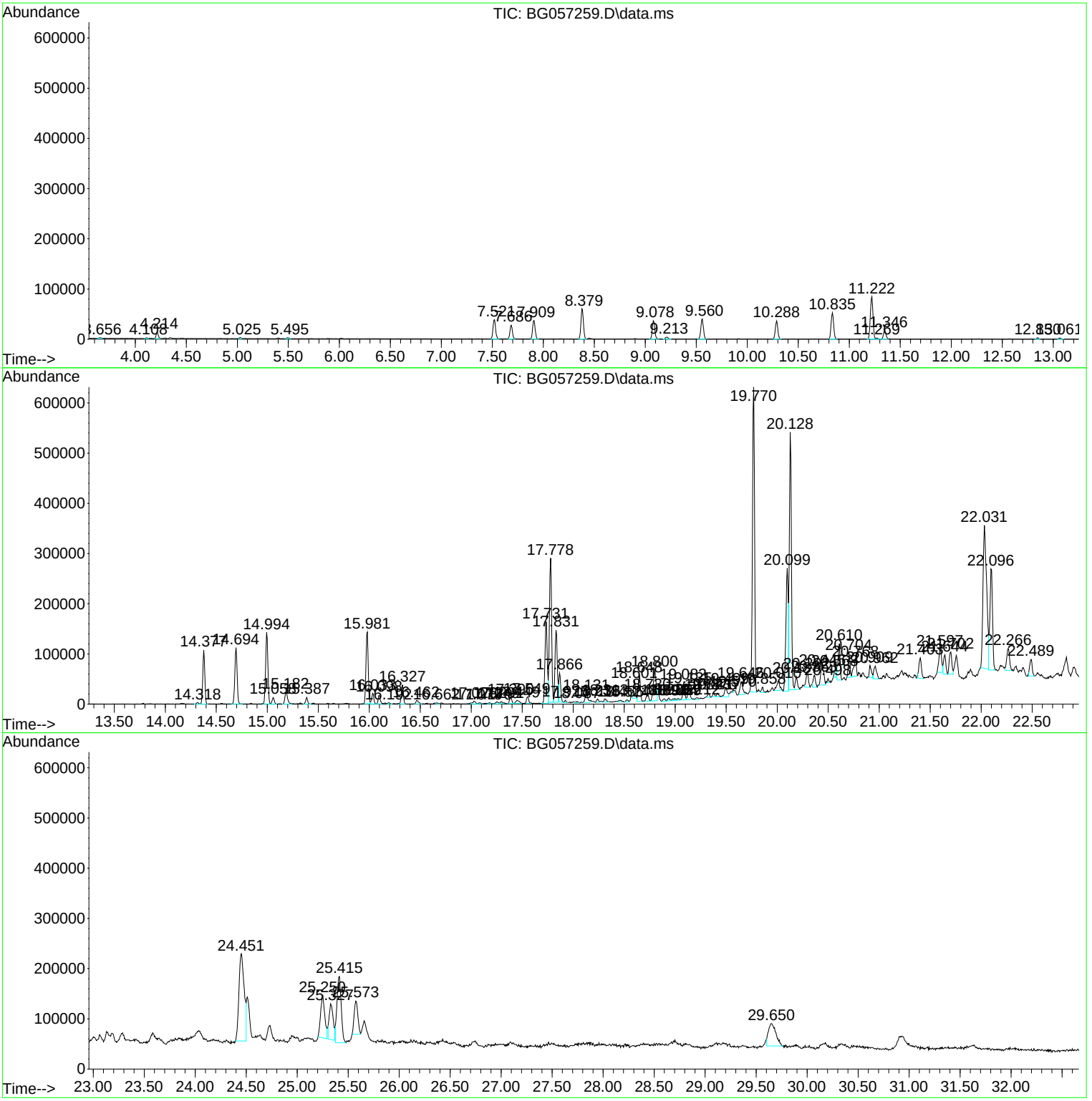
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057259.D
Acq On : 1 May 2023 21:13
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

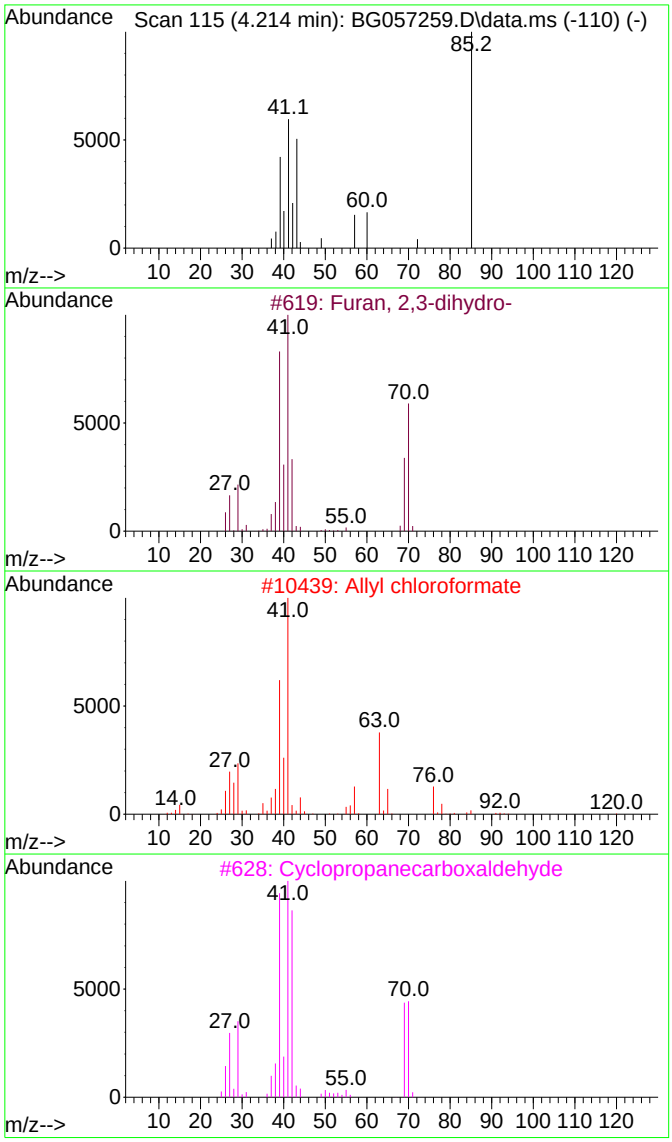
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

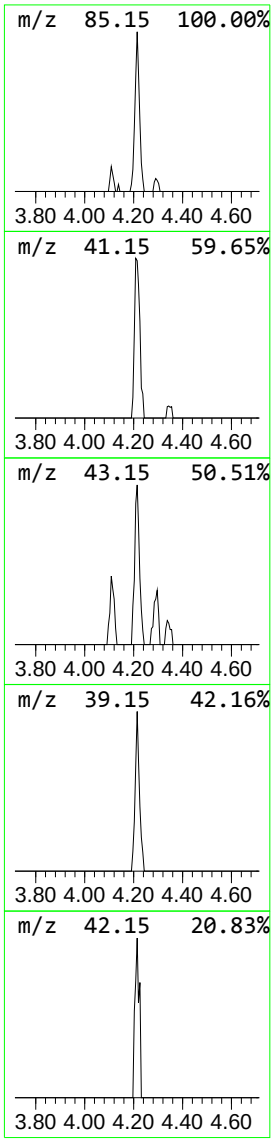
****

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.214	3.65 ng/ul	18285	1,4-Dichlorobenzene-d4	8.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	22
2	Allyl chloroformate	120	C4H5ClO2	002937-50-0	10
3	Cyclopropanecarboxaldehyde	70	C4H6O	001489-69-6	9
4	Methacrolein	70	C4H6O	000078-85-3	9
5	2H-Pyran-2-one, tetrahydro-6,6-d...	128	C7H12O2	002610-95-9	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057259.D
Acq On : 1 May 2023 21:13
Operator : CG/JU
Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

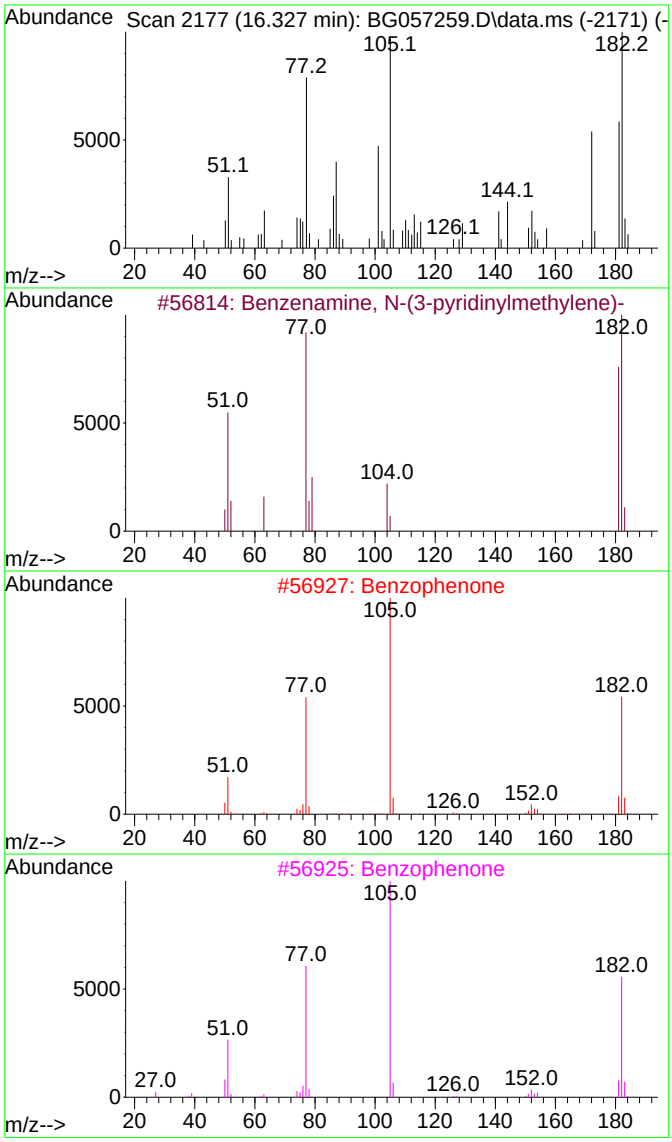
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

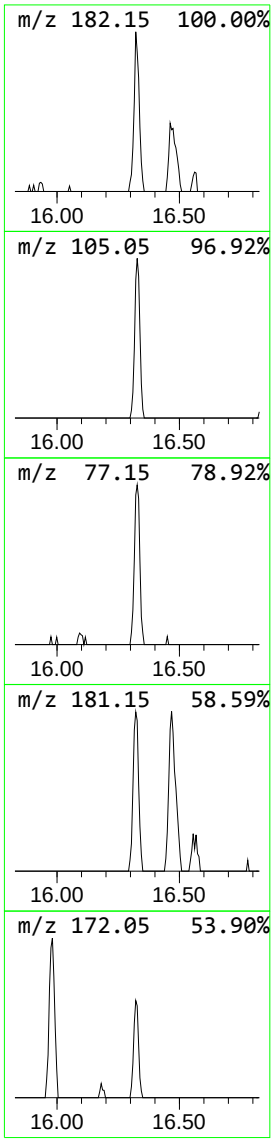
****

Peak Number 2 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.327	4.84 ng/ul	53263	Acenaphthene-d10	14.994

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	46
2	Benzophenone	182	C13H10O	000119-61-9	41
3	Benzophenone	182	C13H10O	000119-61-9	41
4	Benzophenone	182	C13H10O	000119-61-9	38
5	Benzophenone	182	C13H10O	000119-61-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057259.D
Acq On : 1 May 2023 21:13
Operator : CG/JU
Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y4

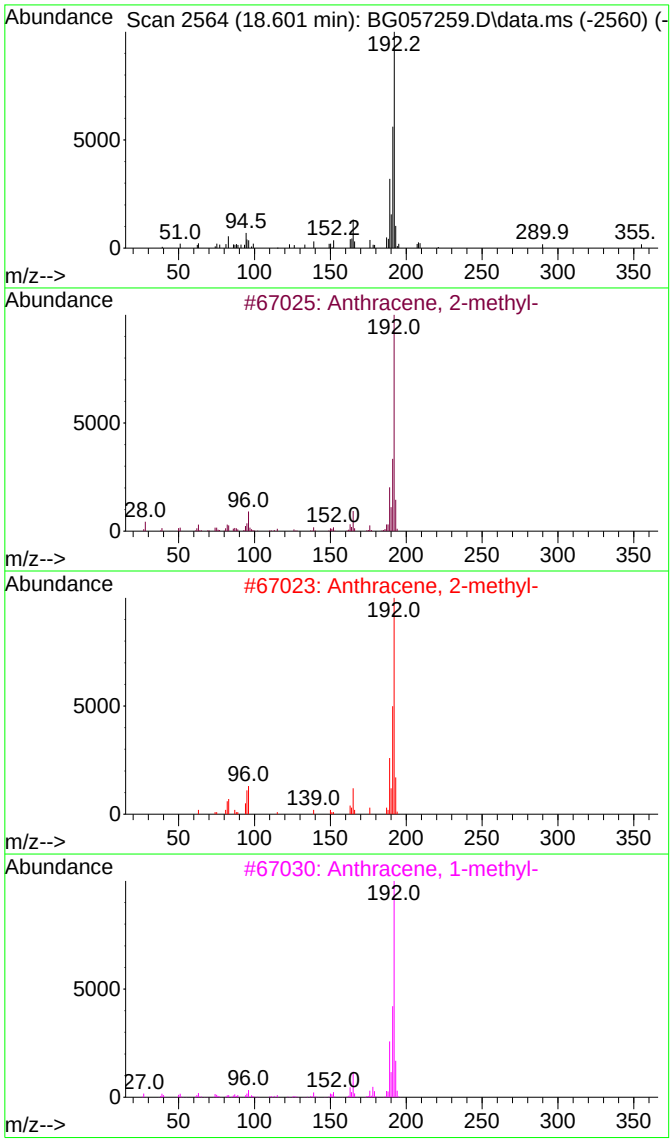
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

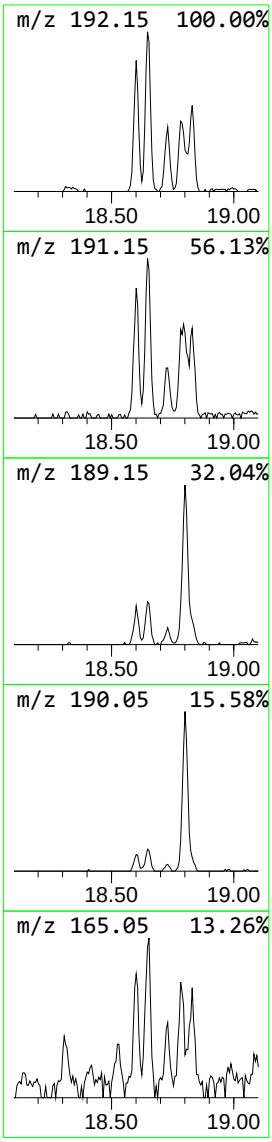
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.601	3.46 ng/ul	46052	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





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Instrument :
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ClientSampleId :
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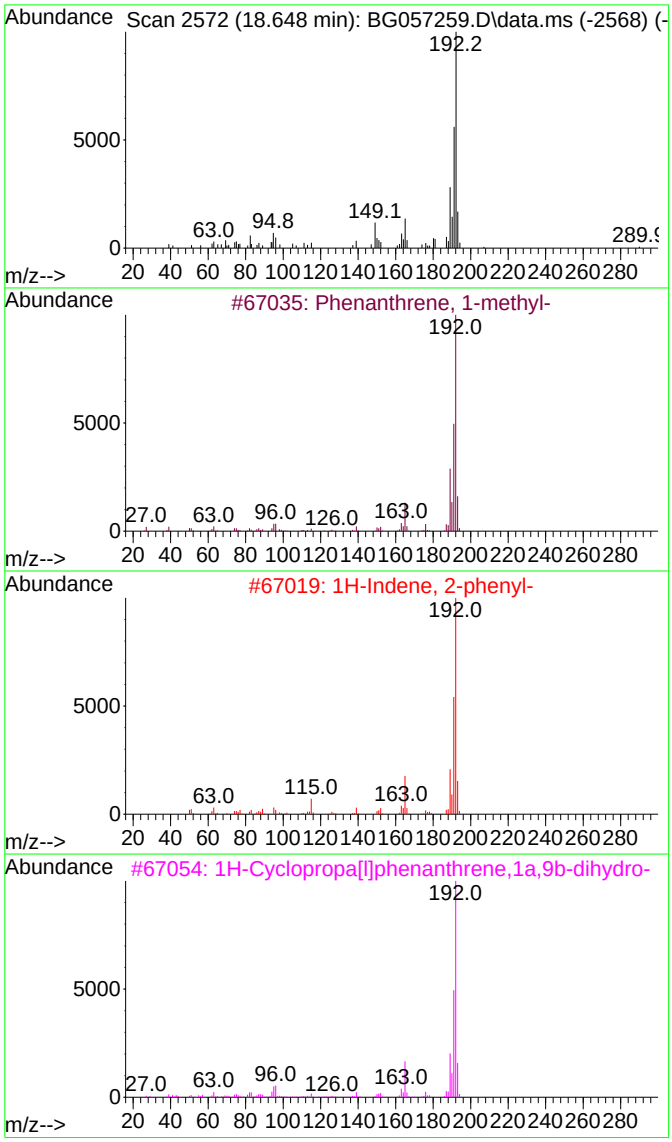
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

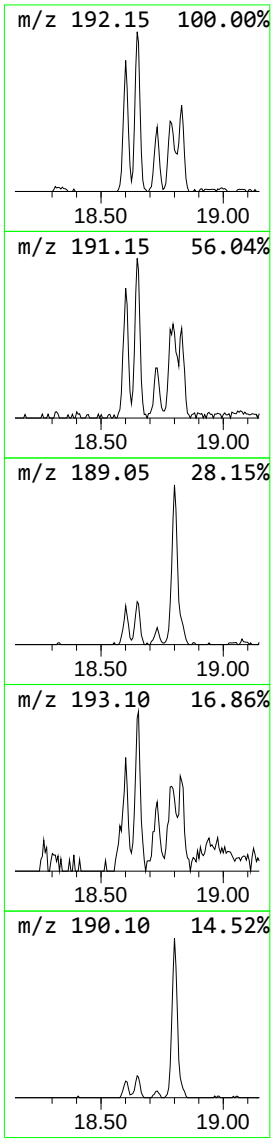
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.648	5.62 ng/ul	74729	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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Data File : BG057259.D
Acq On : 1 May 2023 21:13
Operator : CG/JU
Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y4

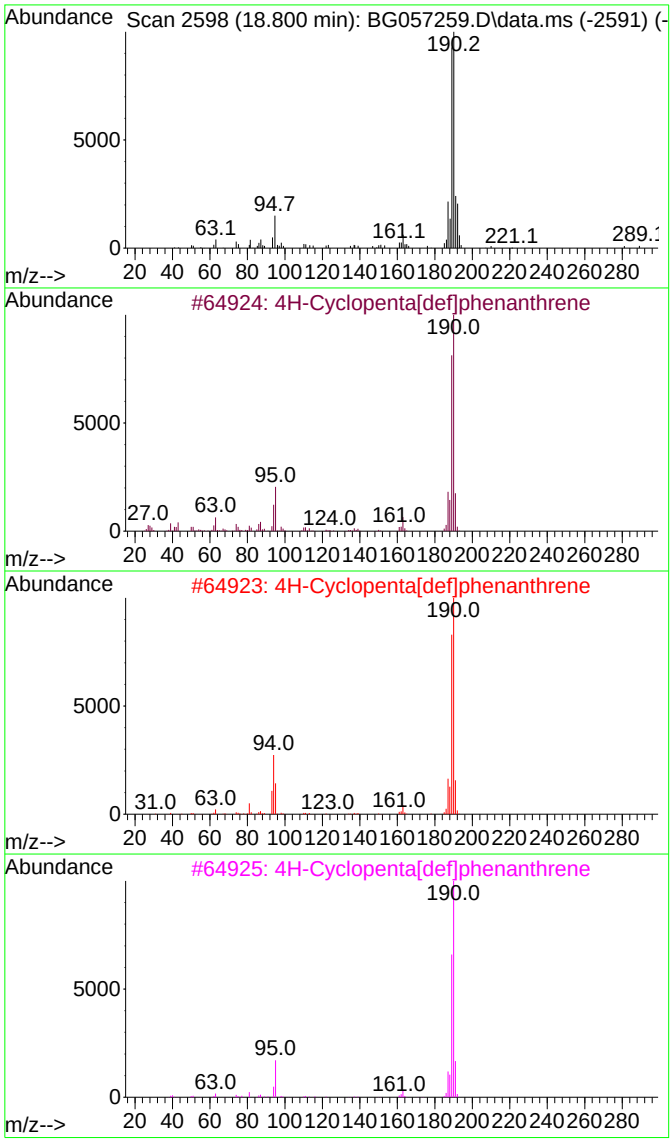
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

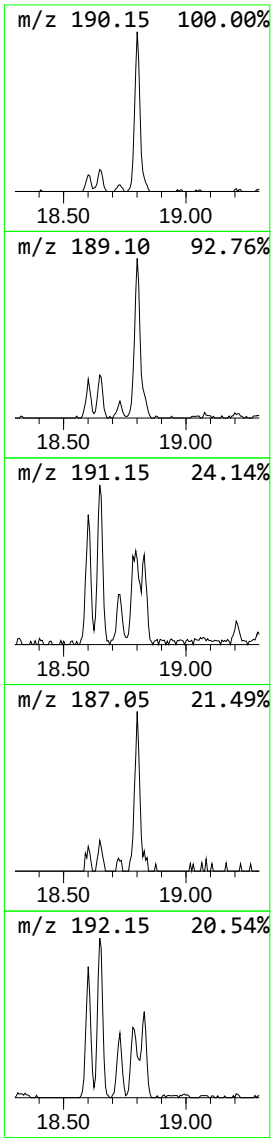
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.800	9.14 ng/ul	121650	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Data File : BG057259.D
Acq On : 1 May 2023 21:13
Operator : CG/JU
Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y4

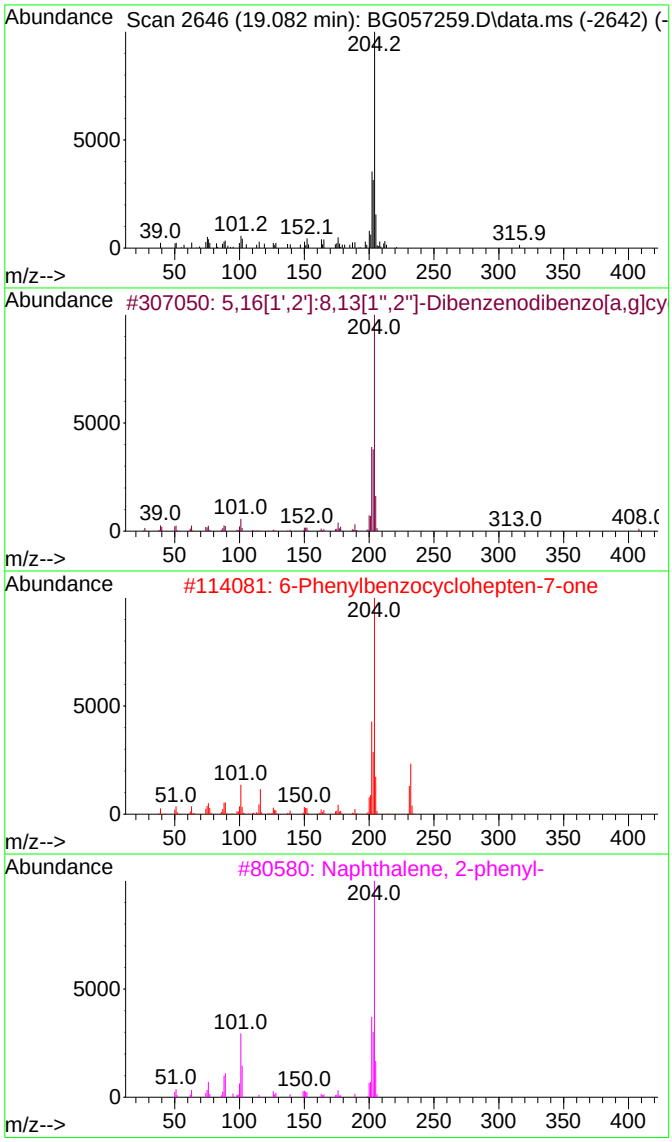
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

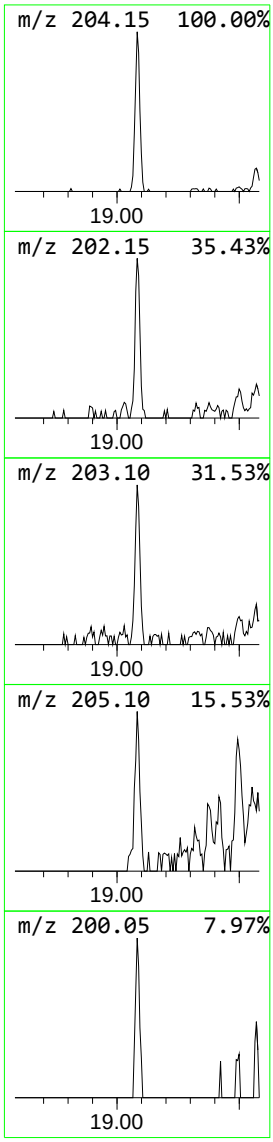
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.082	3.38 ng/ul	44986	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72





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Acq On : 1 May 2023 21:13
Operator : CG/JU
Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

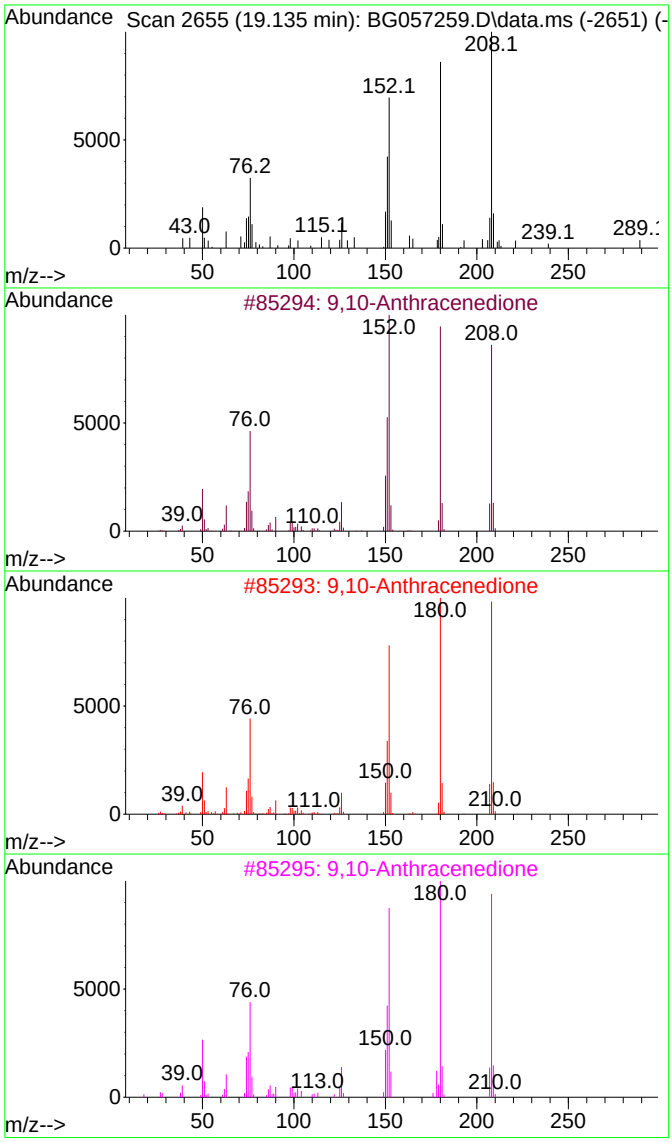
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

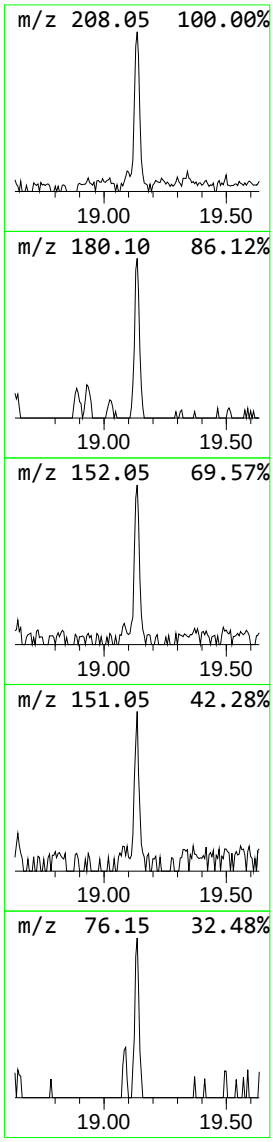
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.135	2.87 ng/ul	38202	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87





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Acq On : 1 May 2023 21:13
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Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y4

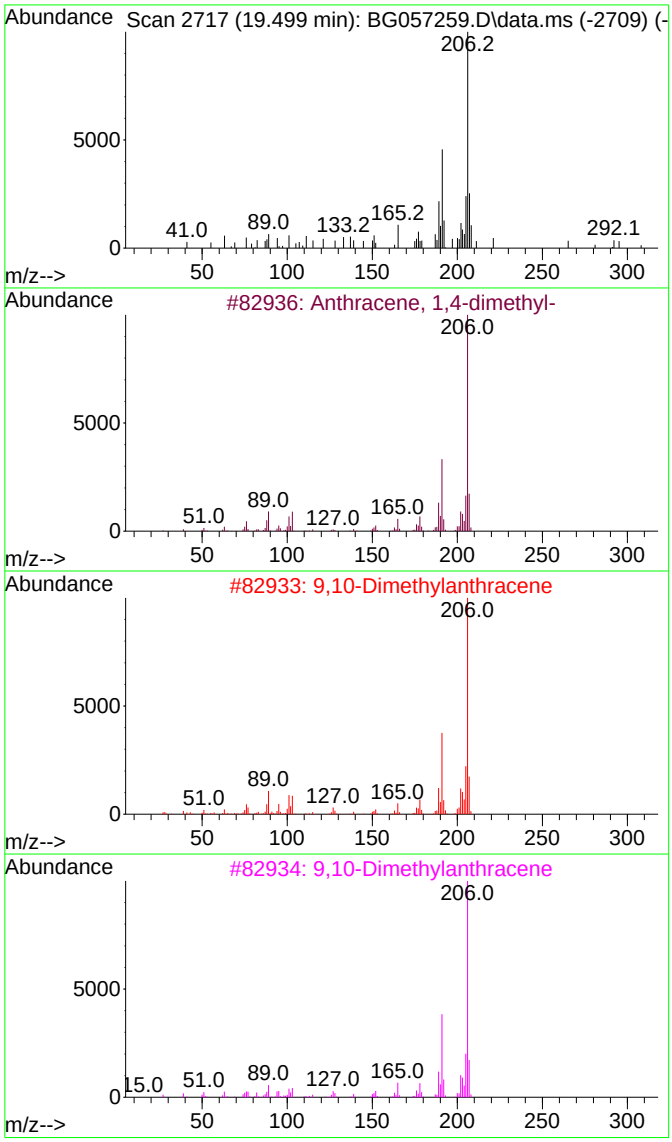
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

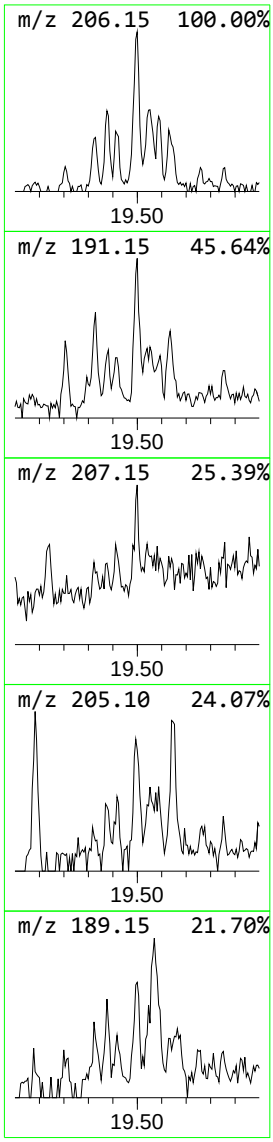
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.499	2.73 ng/ul	36386	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	74





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Data File : BG057259.D
Acq On : 1 May 2023 21:13
Operator : CG/JU
Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y4

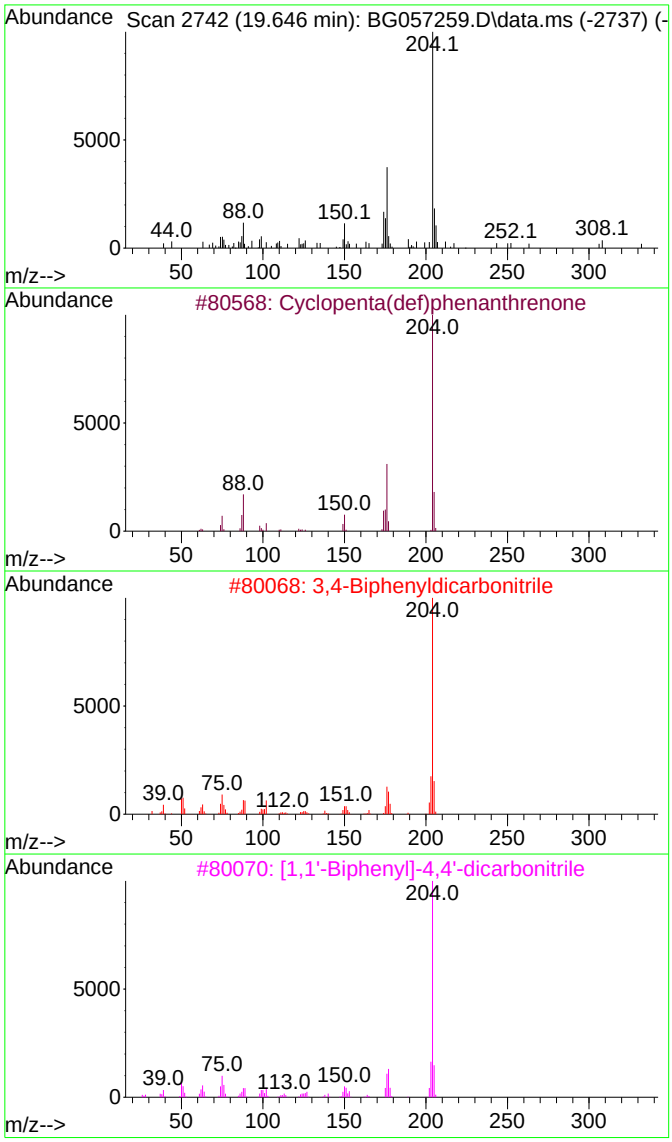
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

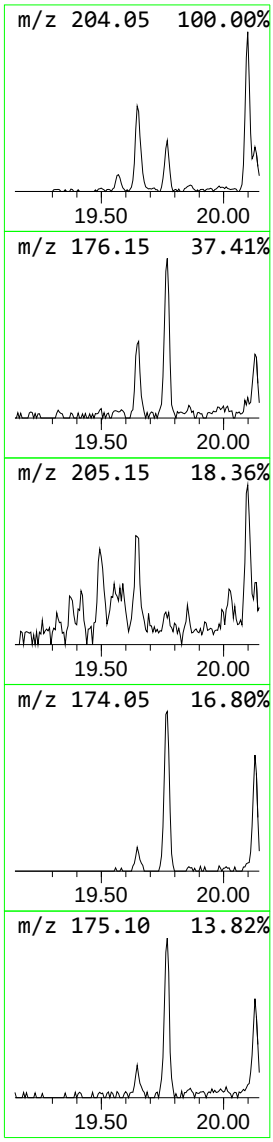
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.646	3.62 ng/ul	48221	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	72
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53





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Data File : BG057259.D
Acq On : 1 May 2023 21:13
Operator : CG/JU
Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y4

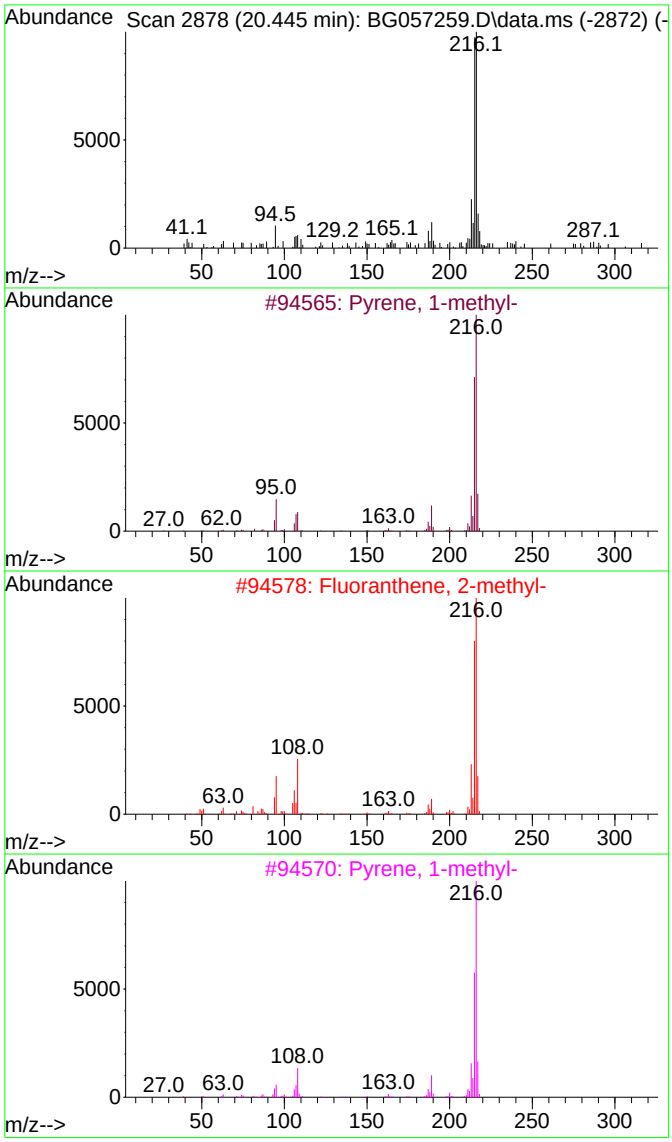
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

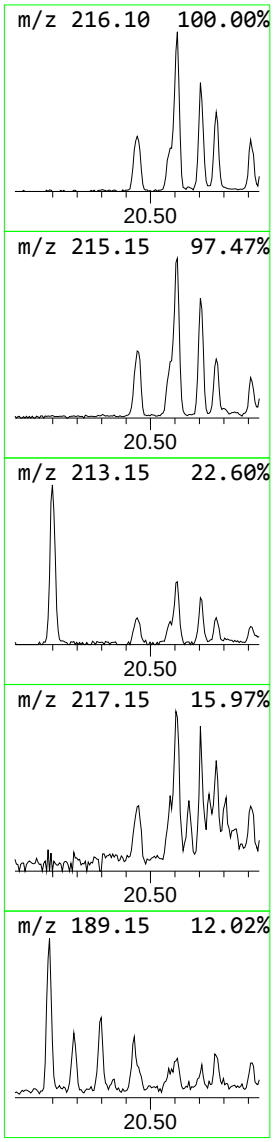
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.445	2.17 ng/ul	76925	Chrysene-d12	22.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Data File : BG057259.D
Acq On : 1 May 2023 21:13
Operator : CG/JU
Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y4

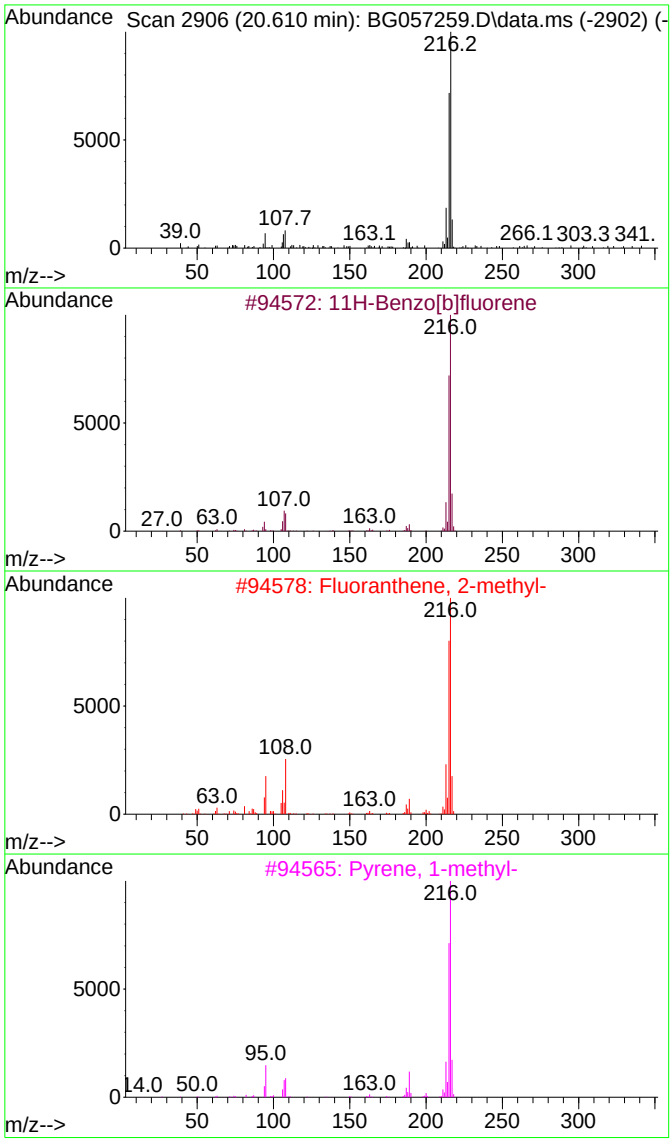
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

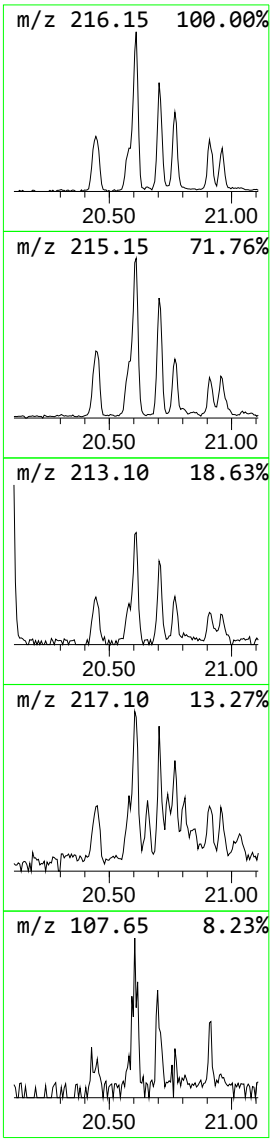
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.610	2.85 ng/ul	100947	Chrysene-d12	22.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Acq On : 1 May 2023 21:13
Operator : CG/JU
Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y4

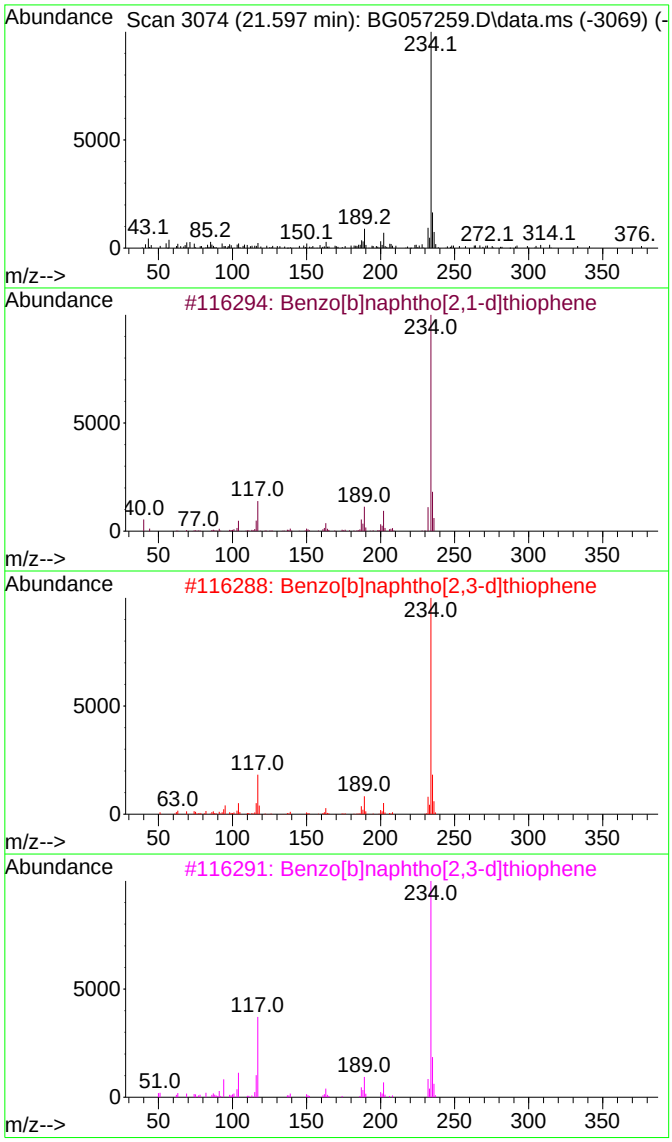
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

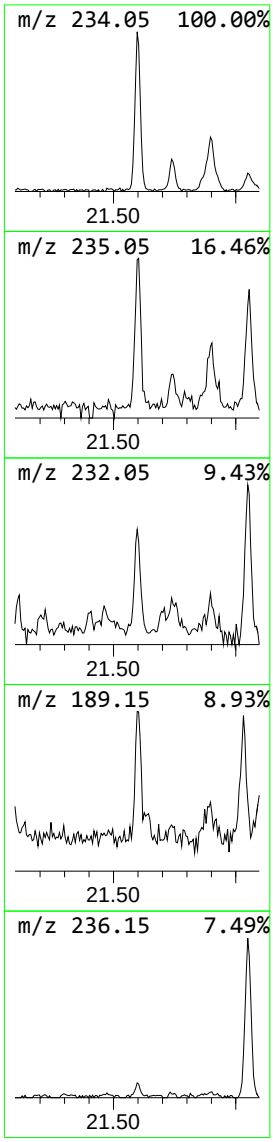
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.596	2.45 ng/ul	86629	Chrysene-d12	22.049

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[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	91
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90





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Acq On : 1 May 2023 21:13
Operator : CG/JU
Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

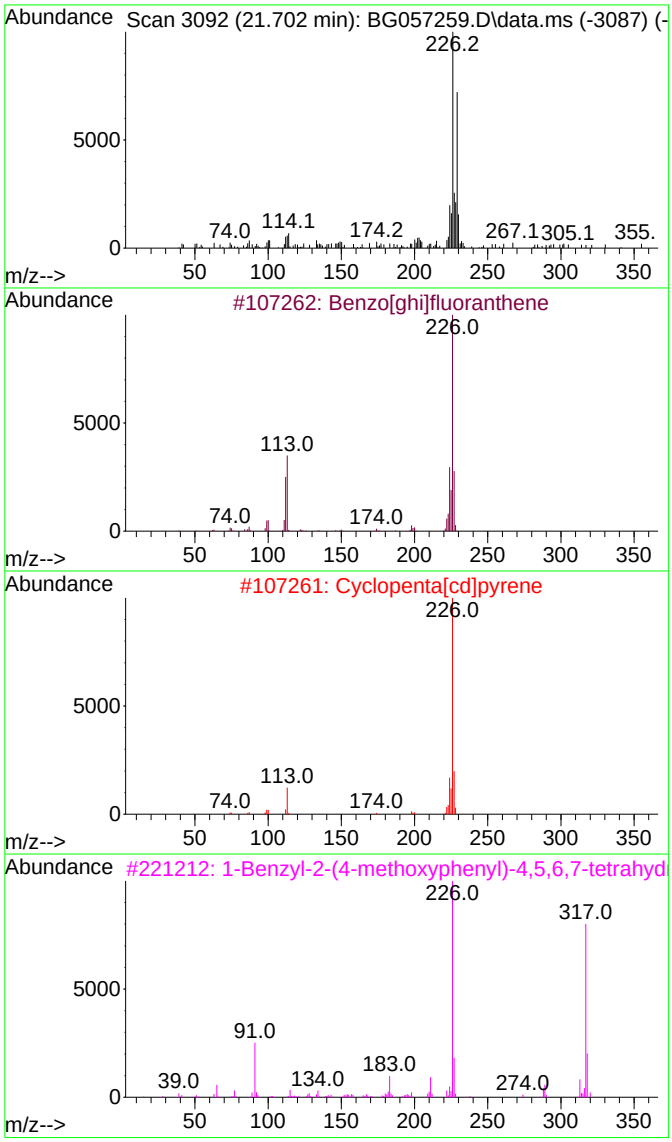
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

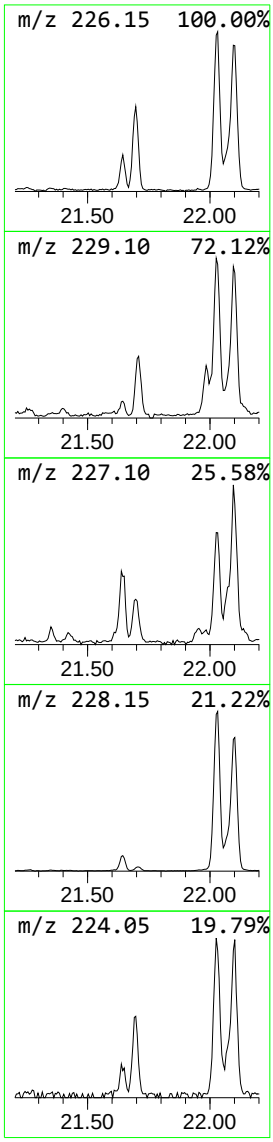
****

Peak Number 13 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.702	2.23 ng/ul	79073	Chrysene-d12	22.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
3	1-Benzyl-2-(4-methoxyphenyl)-4,5...	317	C22H23NO	1450892-99-5	43
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
5	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43





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Acq On : 1 May 2023 21:13
Operator : CG/JU
Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y4

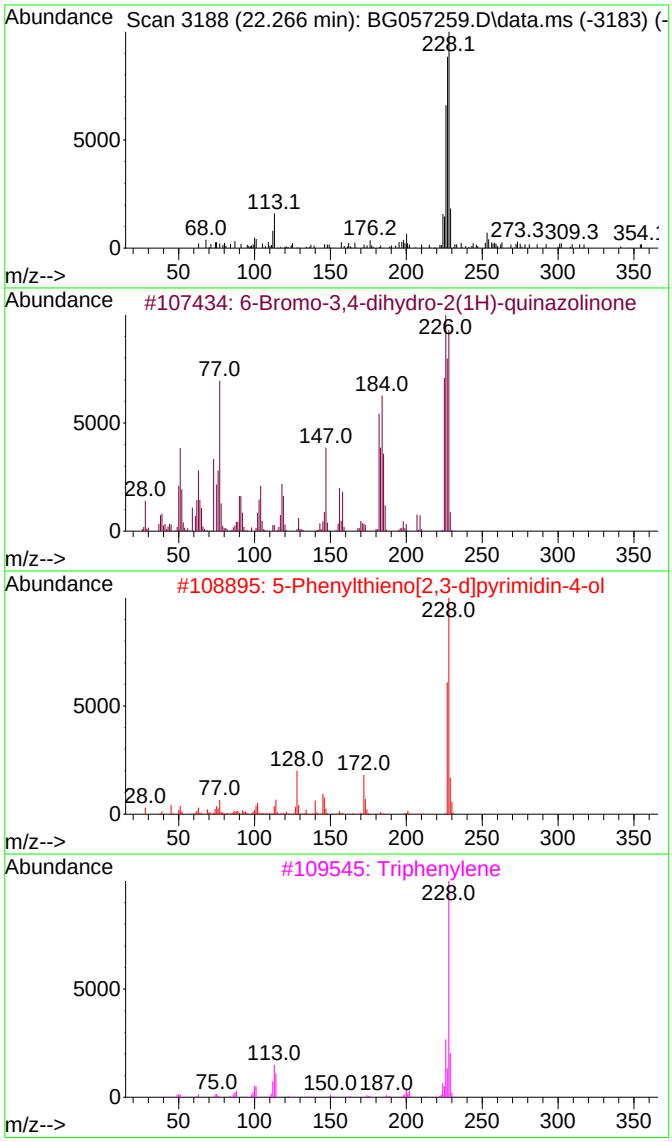
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

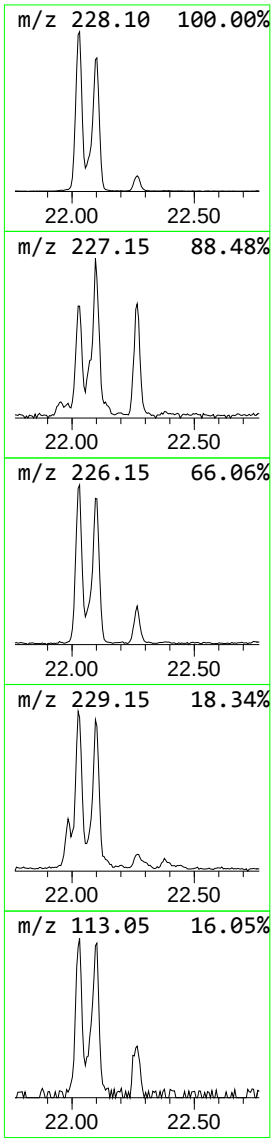
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 6-Bromo-3,4-dihydro-2(1H)-q... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.266	2.36 ng/ul	83454	Chrysene-d12	22.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	64
2	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	53
3	Triphenylene	228	C18H12	000217-59-4	46
4	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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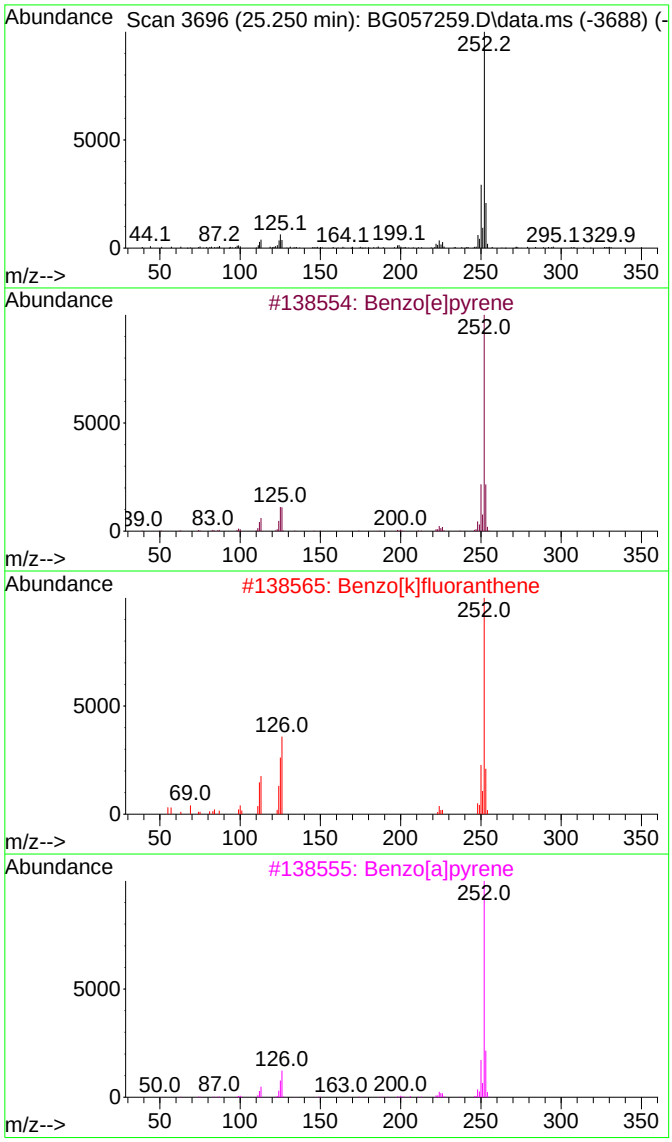
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

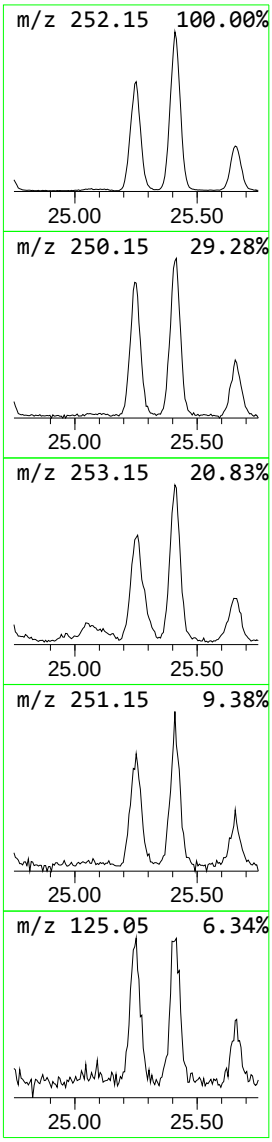
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.250	28.53 ng/ul	238654	Perylene-d12	25.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057259.D
Acq On : 1 May 2023 21:13
Operator : CG/JU
Sample : 02417-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.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
unknown-01	4.214	3.6	ng/ul	18285	1	8.379	100291	20.0
unknown-02	16.327	4.8	ng/ul	53263	3	14.994	220251	20.0
Anthracene, 2-m...	18.601	3.5	ng/ul	46052	4	17.731	266158	20.0
Phenanthrene, 1...	18.648	5.6	ng/ul	74729	4	17.731	266158	20.0
4H-Cyclopenta[d...	18.800	9.1	ng/ul	121650	4	17.731	266158	20.0
5,16[1',2']:8,1...	19.082	3.4	ng/ul	44986	4	17.731	266158	20.0
9,10-Anthracene...	19.135	2.9	ng/ul	38202	4	17.731	266158	20.0
Anthracene, 1,4...	19.499	2.7	ng/ul	36386	4	17.731	266158	20.0
Cyclopenta(def)...	19.646	3.6	ng/ul	48221	4	17.731	266158	20.0
Pyrene, 1-methyl-	20.445	2.2	ng/ul	76925	5	22.049	708053	20.0
11H-Benzo[b]flu...	20.610	2.9	ng/ul	100947	5	22.049	708053	20.0
Benzo[b]naphtho...	21.596	2.5	ng/ul	86629	5	22.049	708053	20.0
unknown-03	21.702	2.2	ng/ul	79073	5	22.049	708053	20.0
6-Bromo-3,4-dih...	22.266	2.4	ng/ul	83454	5	22.049	708053	20.0
Benzo[e]pyrene	25.250	28.5	ng/ul	238654	6	25.579	167305	20.0