LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057253.D
Acq On : 1 May 2023 16:06
Operator : CG/JU
Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW901

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: BG057253.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.214	110	115	120	rBV2	8899	13402	1.48%	0.132%
2	7.515	671	677	687	rVB	33782	57167	6.33%	0.564%
3	7.686	700	706	712	rBV	24096	39402	4.37%	0.388%
4	7.909	738	744	753	rVB	32465	53631	5.94%	0.529%
5	8.379	818	824	832	rBV	49461	79972	8.86%	0.788%
6	9.084	937	944	953	rBV	19212	34637	3.84%	0.341%
7	9.213	959	966	973	rBV	13825	25345	2.81%	0.250%
8	9.554	1016	1024	1033	rVB	35516	62045	6.87%	0.612%
9	10.288	1142	1149	1157	rVB	31490	52998	5.87%	0.523%
10	10.834	1235	1242	1252	rVB	41617	74493	8.25%	0.734%
11	11.216	1298	1307	1313	rBV	69803	124669	13.81%	1.229%
12	11.269	1313	1316	1322	rVB2	8595	13855	1.53%	0.137%
13	11.345	1322	1329	1336	rBV	13566	25492	2.82%	0.251%
14	12.843	1579	1584	1589	rBV2	5100	7898	0.87%	0.078%
15	13.067	1617	1622	1627	rBV2	5308	7903	0.88%	0.078%
16	14.312	1829	1834	1839	rBV3	4283	7867	0.87%	0.078%
17	14.377	1839	1845	1851	rVV	99300	140320	15.55%	1.383%
18	14.694	1891	1899	1907	rBV	101873	162790	18.04%	1.605%
19	14.993	1944	1950	1956	rVV	119827	182914	20.26%	1.803%
20	15.058	1956	1961	1966	rVB	21942	31900	3.53%	0.315%
21	15.181	1975	1982	1993	rBV2	18480	35213	3.90%	0.347%
22	15.387	2010	2017	2024	rBV	20907	32457	3.60%	0.320%
23	15.974	2111	2117	2123	rVV	134969	206090	22.83%	2.032%
24	16.033	2123	2127	2133	rVV2	39351	61781	6.84%	0.609%
25	16.092	2133	2137	2145	rVV2	21990	32855	3.64%	0.324%
26	16.327	2171	2177	2183	rVB2	68935	102004	11.30%	1.006%
27	16.462	2196	2200	2209	rBV	6871	13263	1.47%	0.131%
28	16.662	2226	2234	2241	rBV5	6734	13820	1.53%	0.136%
29	16.891	2267	2273	2278	rVB4	6416	10713	1.19%	0.106%
30	17.026	2287	2296	2301	rVB5	8198	16100	1.78%	0.159%
31	17.249	2329	2334	2339	rBV7	5391	10492	1.16%	0.103%
32	17.384	2351	2357	2362	rBV	15769	24860	2.75%	0.245%
33	17.443	2362	2367	2370	rBV4	4063	7460	0.83%	0.074%
34	17.484	2370	2374	2380	rVB5	6040	9012	1.00%	0.089%
35	17.549	2380	2385	2390	rBV	24567	35438	3.93%	0.349%
36	17.731	2410	2416	2419	rBV	143891	216694	24.01%	2.136%

LSC Area Percent Report

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Acq On : 1 May 2023 16:06
Operator : CG/JU
Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW901

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	17.778	2419	2424	2429	rVV	424272	649539	71.96%	6.404%
38	17.831	2429	2433	2436	rVV	142266	206406	22.87%	2.035%
39	17.866	2436	2439	2445	rVV	77518	108316	12.00%	1.068%
40	18.130	2477	2484	2490	rBV	41534	74049	8.20%	0.730%
41	18.242	2499	2503	2507	rBV2	7228	9541	1.06%	0.094%
42	18.312	2511	2515	2525	rVB3	8579	16083	1.78%	0.159%
43	18.453	2534	2539	2543	rBV4	4246	7591	0.84%	0.075%
44	18.571	2555	2559	2560	rBV2	19917	20606	2.28%	0.203%
45	18.600	2560	2564	2568	rVB	40739	54661	6.06%	0.539%
46	18.647	2568	2572	2579	rVB	59331	86026	9.53%	0.848%
47	18.724	2579	2585	2590	rBV	18989	31336	3.47%	0.309%
48	18.800	2590	2598	2602	rBV2	66785	139269	15.43%	1.373%
49	18.929	2617	2620	2626	rVB5	4225	7465	0.83%	0.074%
50	19.082	2641	2646	2650	rBV	37082	52186	5.78%	0.515%
51	19.129	2650	2654	2662	rVB4	24321	43444	4.81%	0.428%
52	19.323	2682	2687	2692	rVV3	12415	17857	1.98%	0.176%
53	19.376	2692	2696	2699	rBV	9972	13533	1.50%	0.133%
54	19.411	2699	2702	2709	rBV6	10318	18080	2.00%	0.178%
55	19.499	2709	2717	2722	rBV3	18988	37635	4.17%	0.371%
56	19.564	2722	2728	2731	rBV7	8098	19891	2.20%	0.196%
57	19.646	2736	2742	2748	rBV2	20618	39126	4.33%	0.386%
58	19.769	2754	2763	2768	rBV	600927	902631	100.00%	8.899%
59	19.910	2784	2787	2791	rBV2	7148	12231	1.36%	0.121%
60	19.951	2791	2794	2797	rVV5	8180	11794	1.31%	0.116%
61	20.010	2800	2804	2808	rVV	20369	33501	3.71%	0.330%
62	20.098	2812	2819	2821	rBV2	234211	416038	46.09%	4.102%
63	20.128	2821	2824	2830	rVV	480574	635506	70.41%	6.265%
64	20.186	2830	2834	2839	rVB	23906	34618	3.84%	0.341%
65	20.292	2848	2852	2857	rVB	27458	41179	4.56%	0.406%
66	20.357	2861	2863	2870	rVB2	15588	23945	2.65%	0.236%
67	20.433	2870	2876	2883	rBV4	36562	90722	10.05%	0.894%
68	20.492	2883	2886	2892	rVV	13714	25574	2.83%	0.252%
69	20.568	2894	2899	2901	rVV5	29365	52437	5.81%	0.517%
70	20.603	2901	2905	2910	rVB	69364	113384	12.56%	1.118%
71	20.703	2917	2922	2926	rBV	52299	73335	8.12%	0.723%
72	20.768	2926	2933	2936	rVV2	34321	68376	7.58%	0.674%
73	20.803	2936	2939	2942	rVB2	9648	12479	1.38%	0.123%
74	20.909	2953	2957	2961	rBV	22947	38043	4.21%	0.375%
75	20.956	2962	2965	2975	rVB4	25984	51999	5.76%	0.513%
76	21.073	2981	2985	2989	rVB7	11735	19664	2.18%	0.194%

LSC Area Percent Report

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Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW901

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

77	21.344	3028	3031	3035	rBV6	8309	13634	1.51%	0.134%
78	21.396	3036	3040	3046	rVB	38122	63999	7.09%	0.631%
79	21.596	3068	3074	3078	rBV2	57079	111322	12.33%	1.098%
80	21.637	3078	3081	3086	rVV	42044	67221	7.45%	0.663%
81	21.696	3086	3091	3096	rVV2	45876	88457	9.80%	0.872%
82	21.755	3096	3101	3108	rVB2	43583	84041	9.31%	0.829%
83	22.025	3141	3147	3155	rBV3	268803	699560	77.50%	6.897%
84	22.095	3155	3159	3170	rVB	199498	364643	40.40%	3.595%
85	22.266	3182	3188	3194	rVB3	34810	68058	7.54%	0.671%
86	22.336	3197	3200	3205	rVB5	12008	18877	2.09%	0.186%
87	22.483	3219	3225	3232	rVB2	33173	61979	6.87%	0.611%
88	22.830	3277	3284	3289	rVB2	33044	71224	7.89%	0.702%
89	23.006	3308	3314	3318	rBV6	9769	22163	2.46%	0.219%
90	23.129	3331	3335	3340	rBV3	15588	30841	3.42%	0.304%
91	23.582	3405	3412	3417	rBV7	33451	69332	7.68%	0.684%
92	24.439	3547	3558	3566	rBV3	147142	544058	60.27%	5.364%
93	24.715	3600	3605	3613	rVB	20718	49143	5.44%	0.485%
94	25.238	3685	3694	3701	rBV2	69236	207689	23.01%	2.048%
95	25.321	3701	3708	3714	rVV	76599	223358	24.75%	2.202%
96	25.403	3715	3722	3733	rVB	108232	321540	35.62%	3.170%
97	25.561	3739	3749	3757	rBV2	67381	213040	23.60%	2.100%
98	25.649	3759	3764	3777	rVB2	31873	97901	10.85%	0.965%
99	29.632	4428	4442	4455	rBV3	41016	210423	23.31%	2.075%
100	30.895	4648	4657	4675	rVB2	23473	103460	11.46%	1.020%

Sum of corrected areas: 10143011

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057253.D
Acq On : 1 May 2023 16:06
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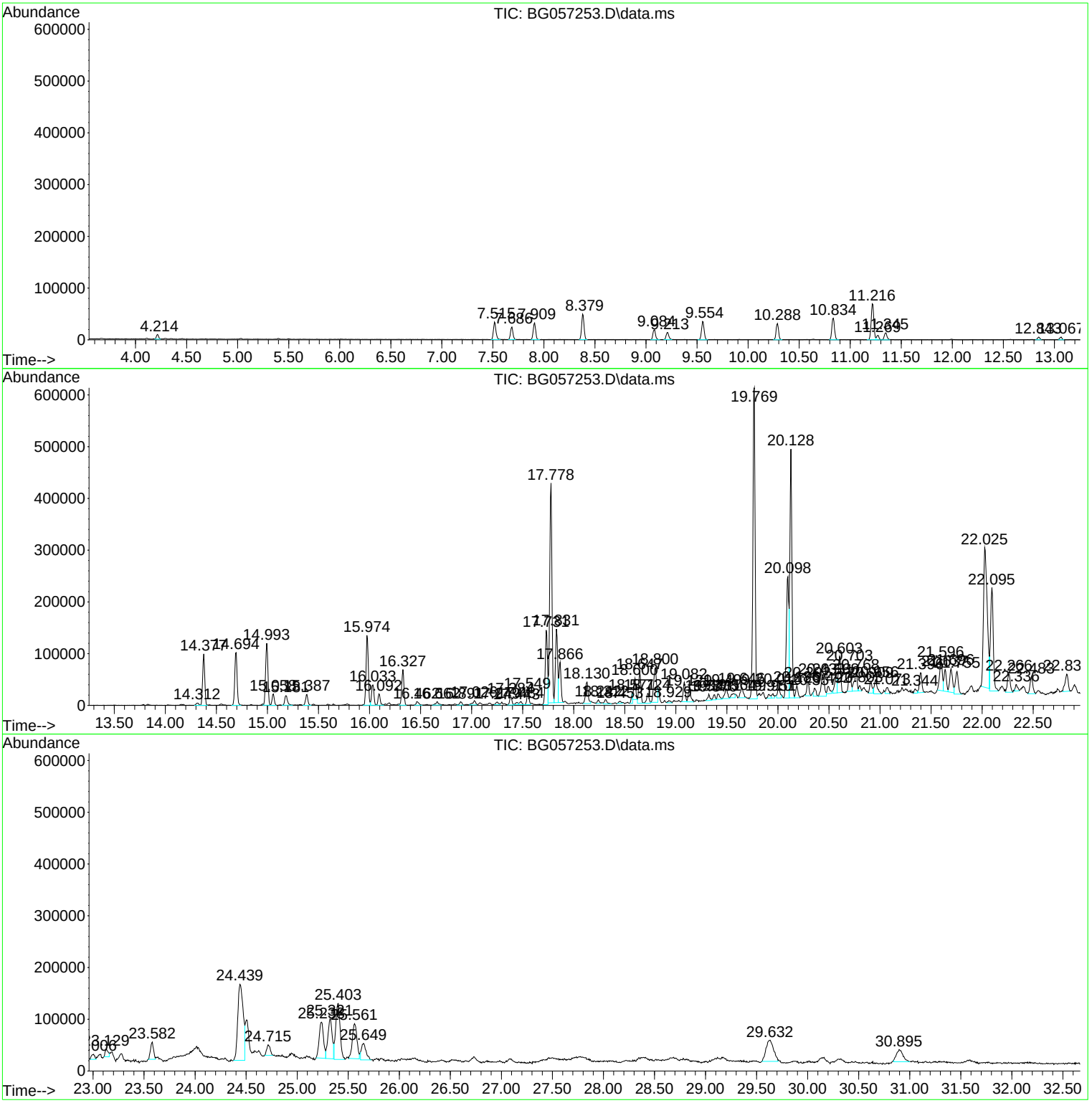
Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW901

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 : BG057253.D
Acq On : 1 May 2023 16:06
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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

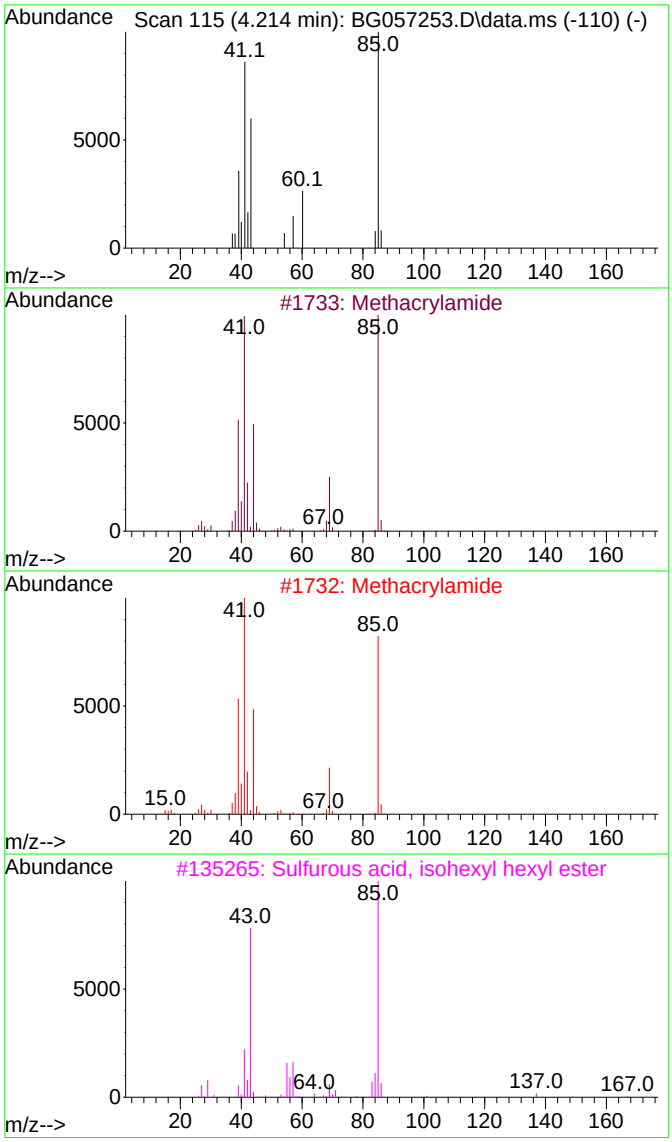
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

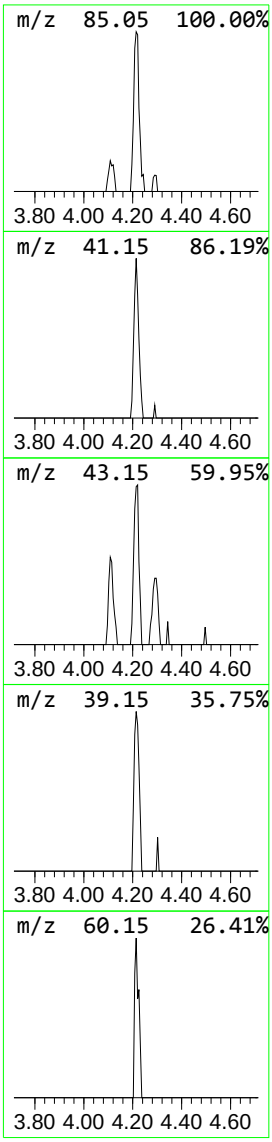
****

Peak Number 1 Methacrylamide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.214	3.35 ng/ul	13402	1,4-Dichlorobenzene-d4	8.385

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	64
2	Methacrylamide	85	C4H7NO	000079-39-0	50
3	Sulfurous acid, isohexyl hexyl e...	250	C12H26O3S	1000309-12-8	33
4	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	10
5	Methacrylamide	85	C4H7NO	000079-39-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057253.D
Acq On : 1 May 2023 16:06
Operator : CG/JU
Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW901

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

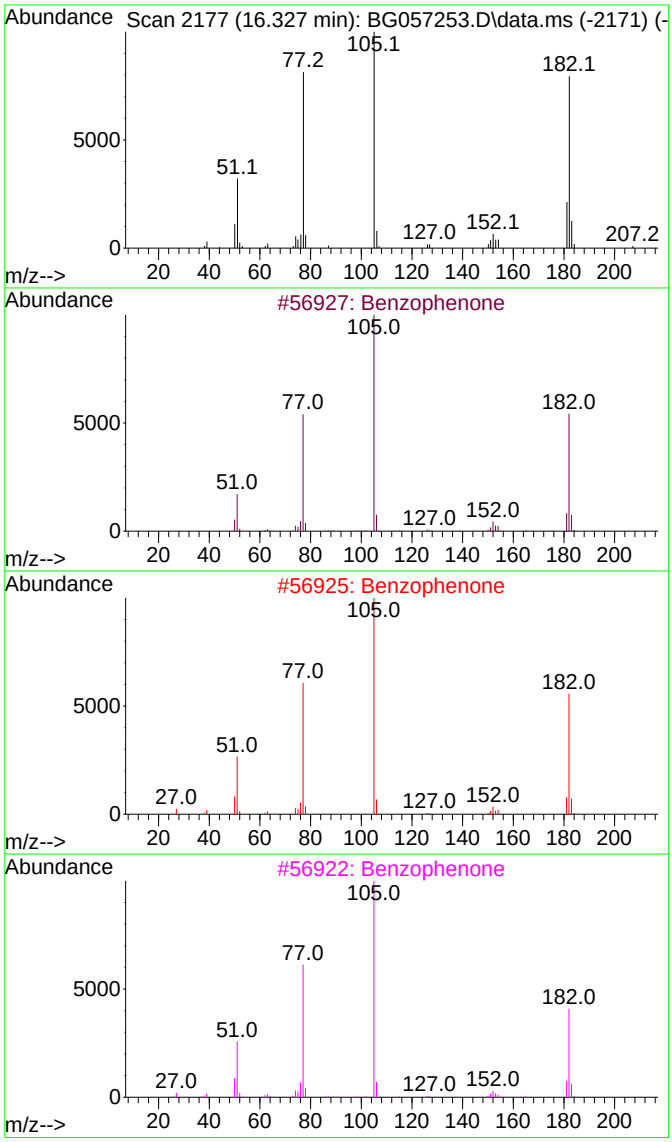
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

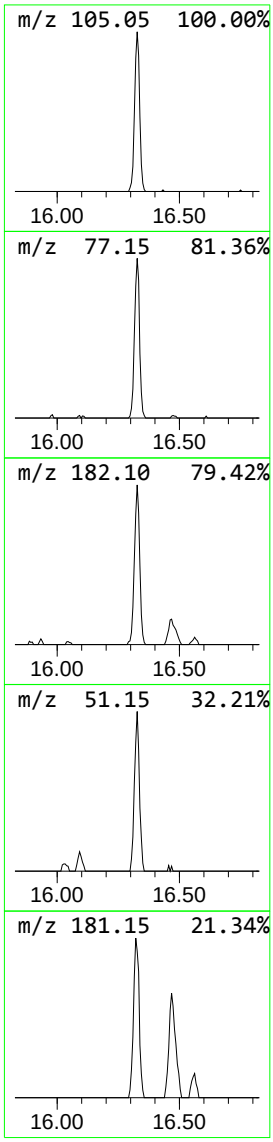
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.327	11.15 ng/ul	102004	Acenaphthene-d10	14.993

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzophenone	182	C13H10O	000119-61-9	93
3	Benzophenone	182	C13H10O	000119-61-9	93
4	Benzophenone	182	C13H10O	000119-61-9	89
5	Benzophenone	182	C13H10O	000119-61-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

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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

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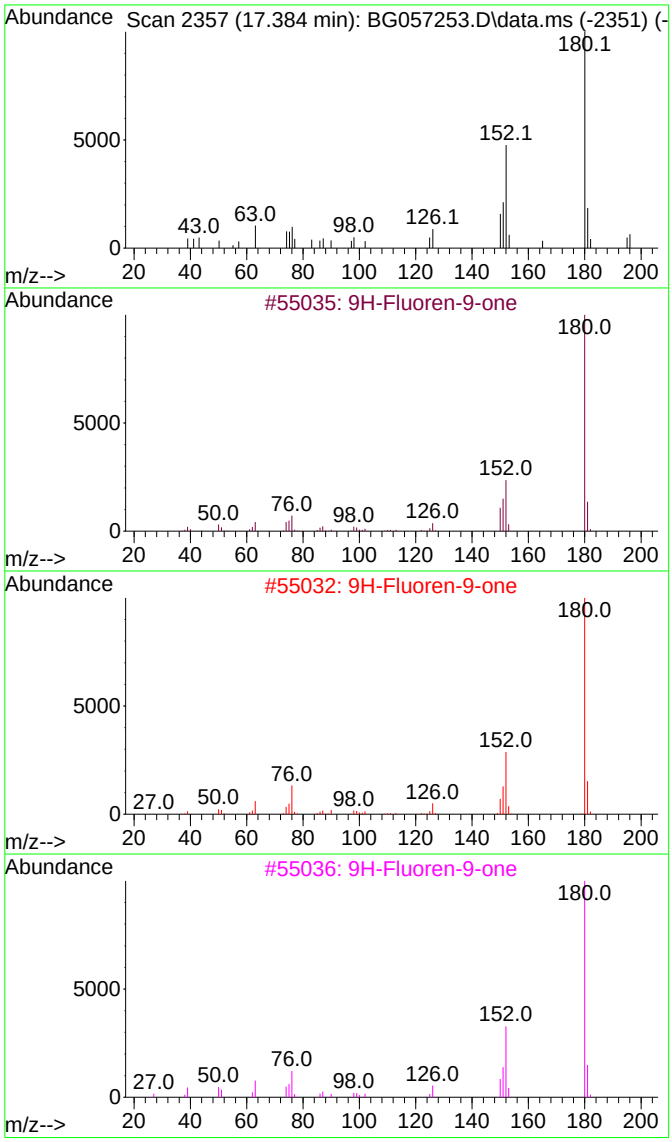
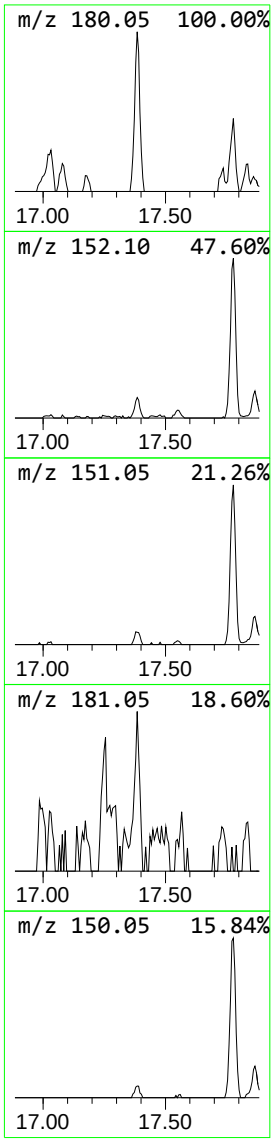
Peak Number 3 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.384	2.29 ng/ul	24860	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87





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

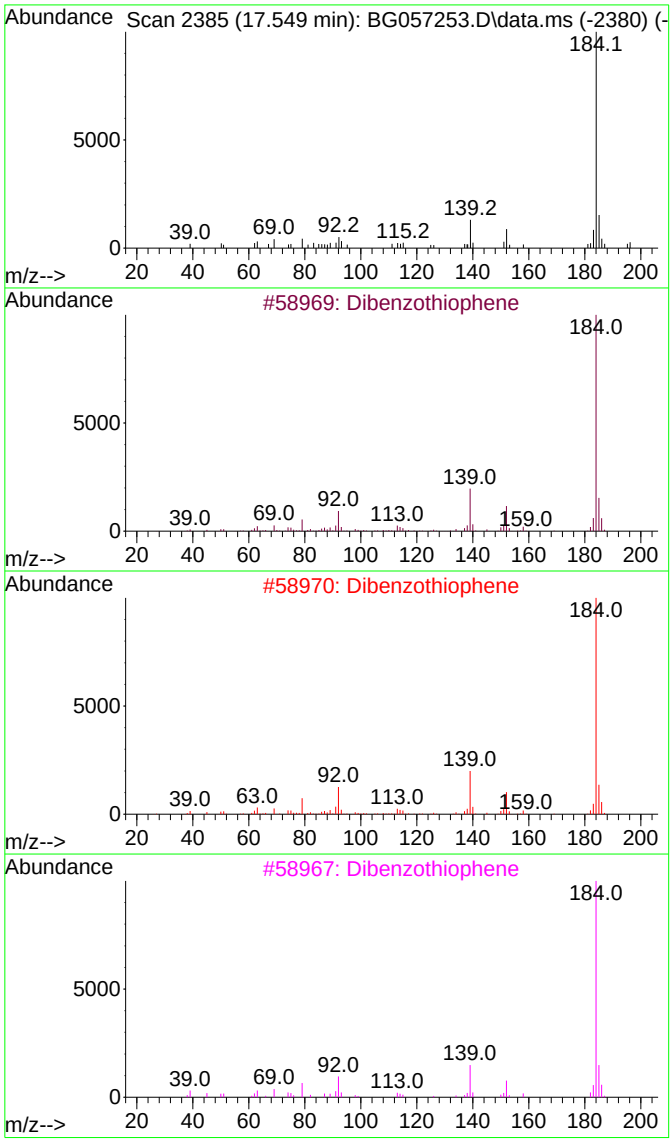
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

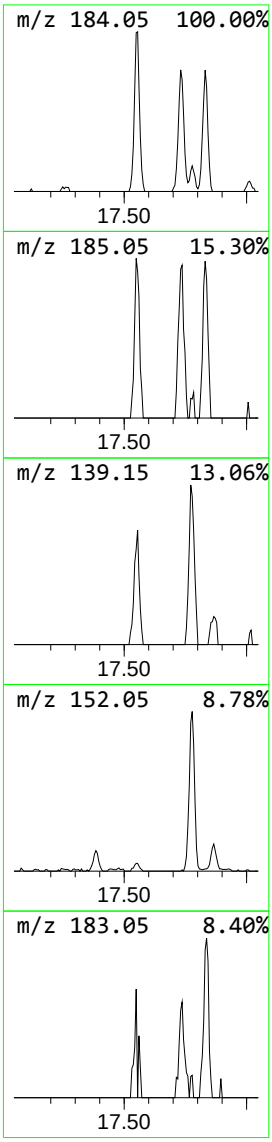
****

Peak Number 4 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.549	3.27 ng/ul	35438	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057253.D
Acq On : 1 May 2023 16:06
Operator : CG/JU
Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW901

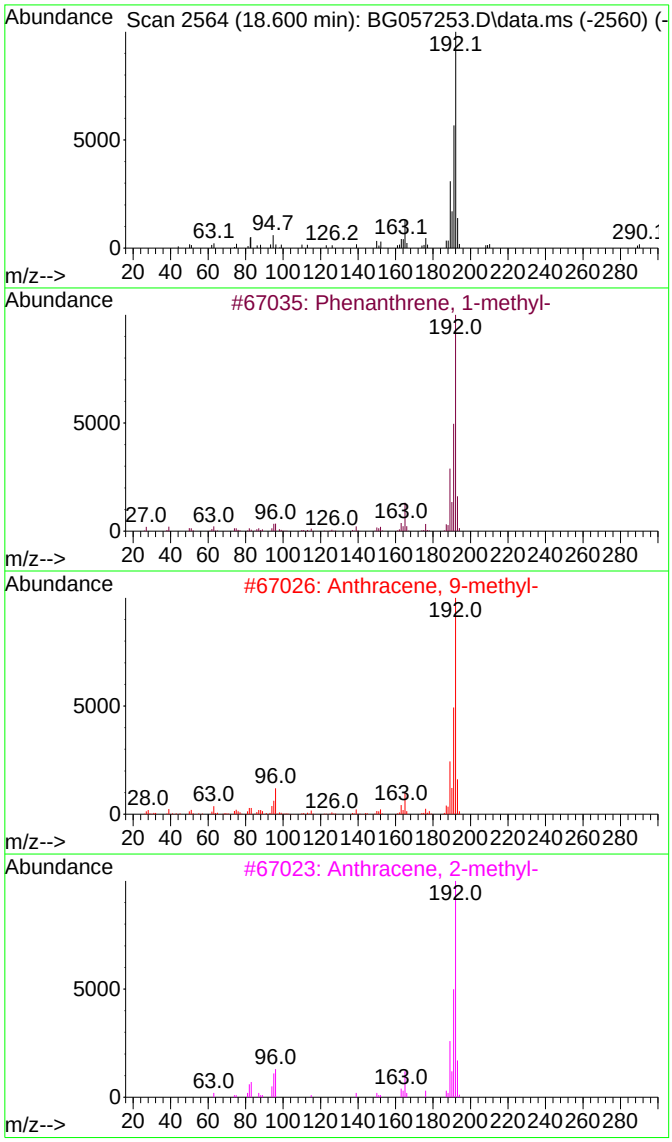
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

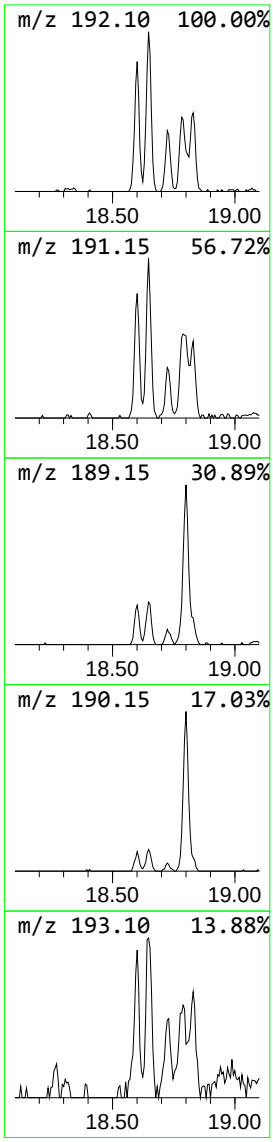
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.600	5.04 ng/ul	54661	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057253.D
Acq On : 1 May 2023 16:06
Operator : CG/JU
Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW901

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

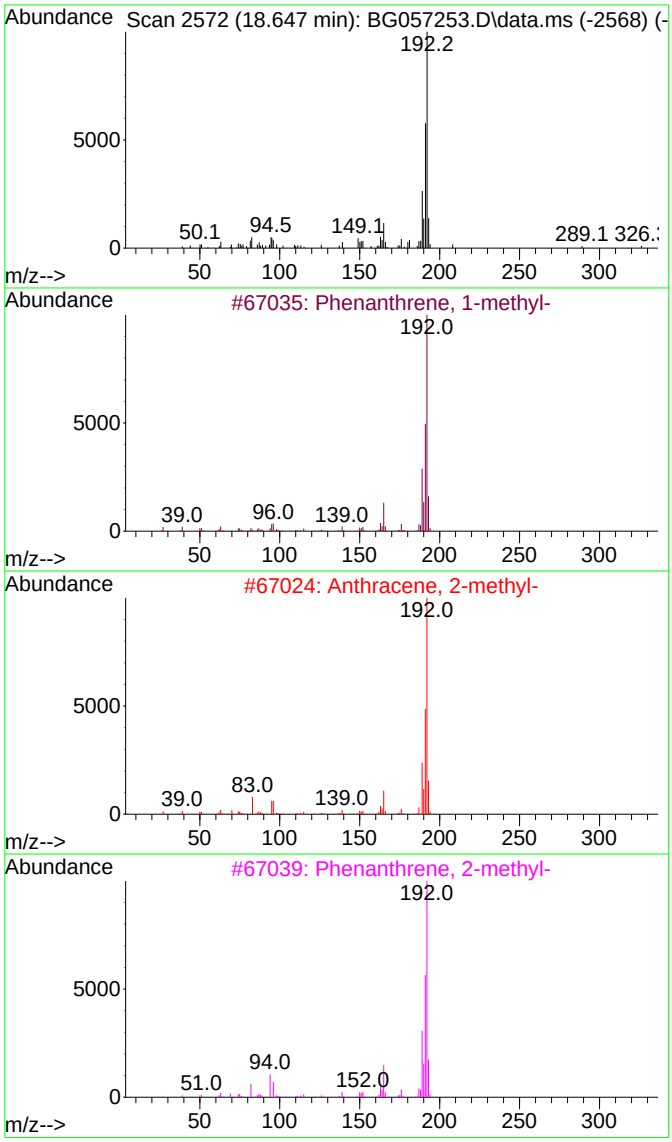
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

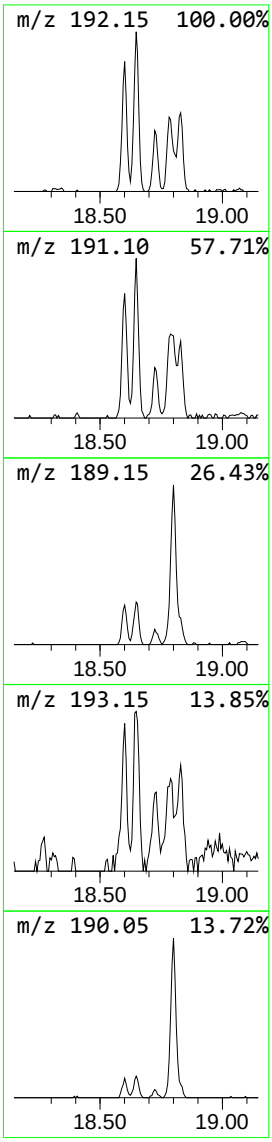
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.647	7.94 ng/ul	86026	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EW901

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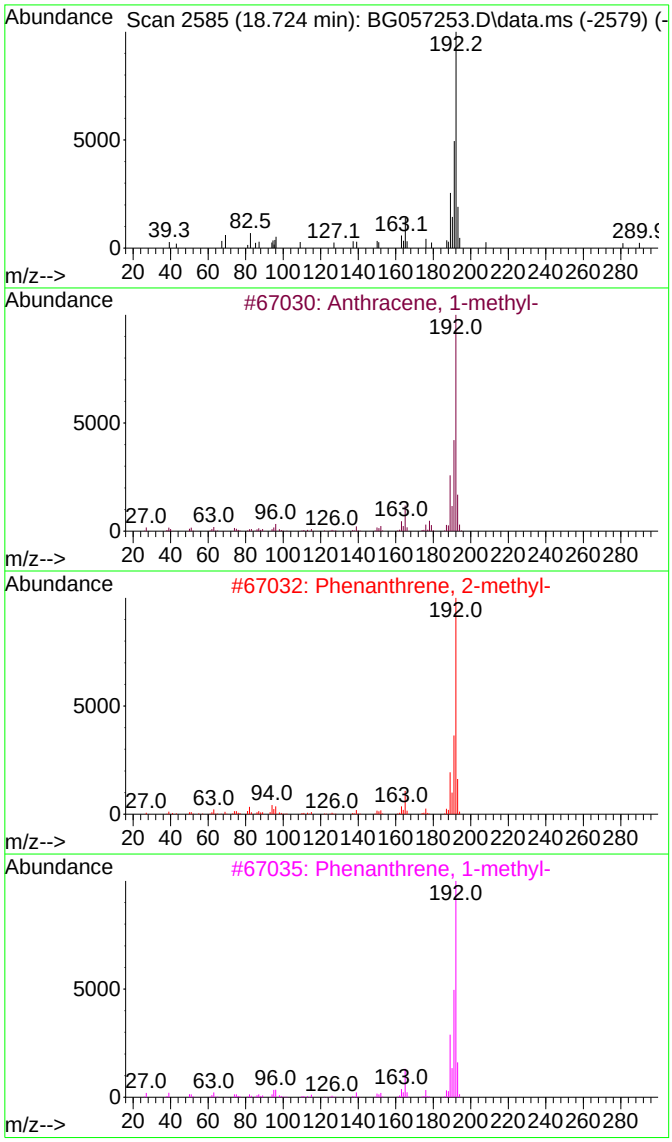
Quant Title : SVOA CALIBRATION

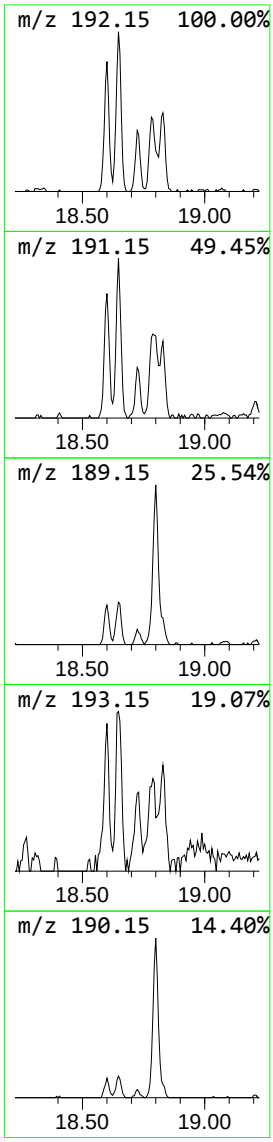
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.724	2.89 ng/ul	31336	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Instrument :
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ClientSampleId :
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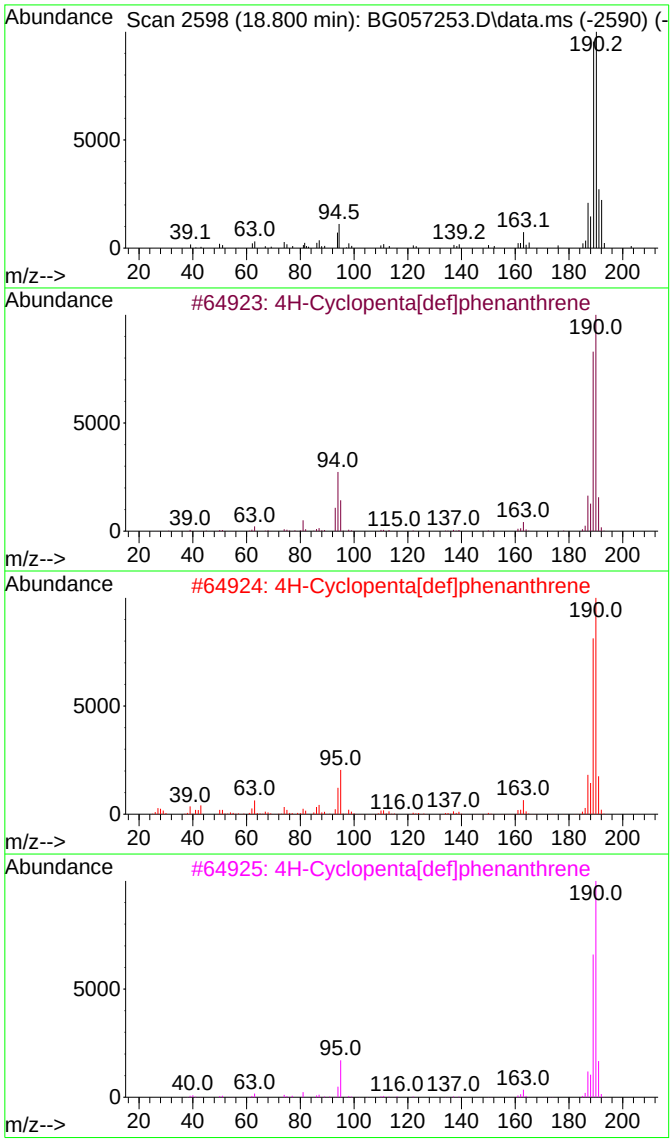
Quant Title : SVOA CALIBRATION

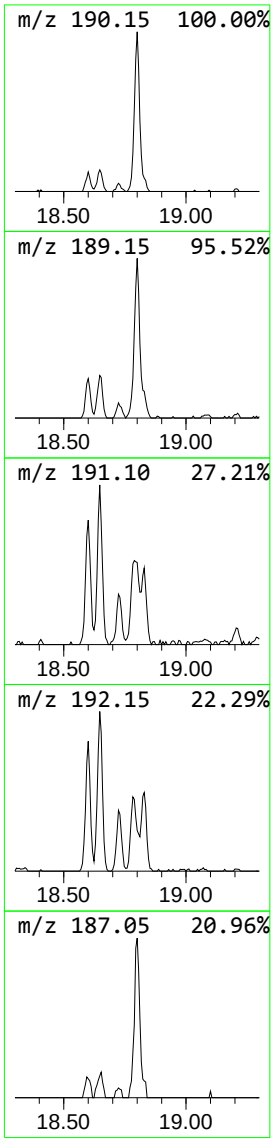
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.800	12.85 ng/ul	139269	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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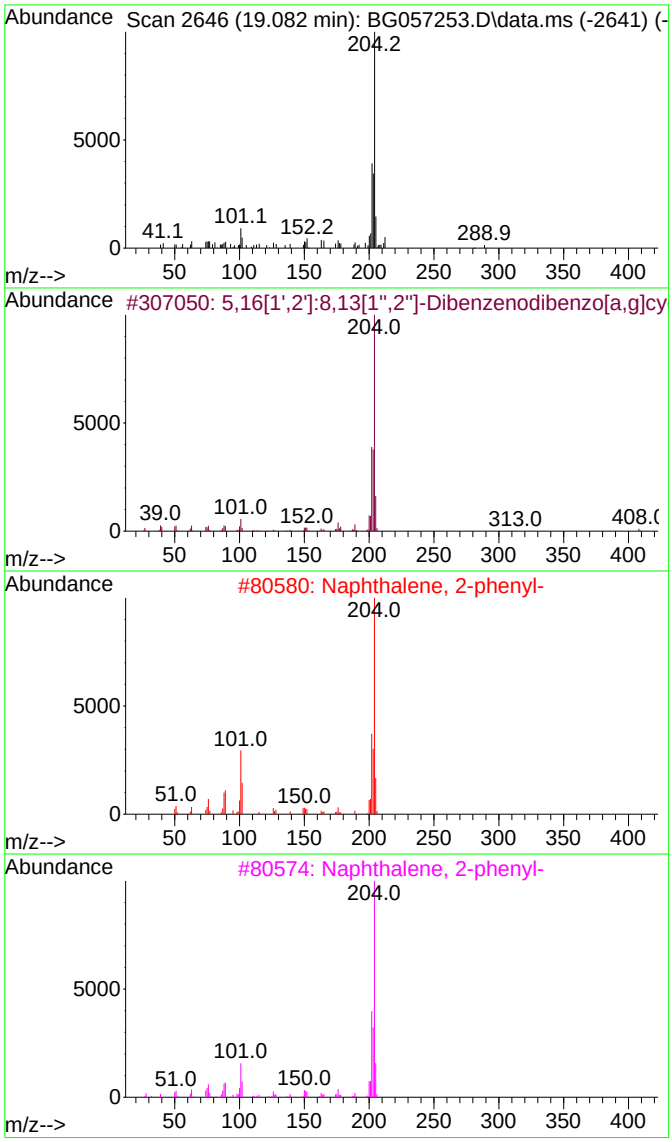
Quant Title : SVOA CALIBRATION

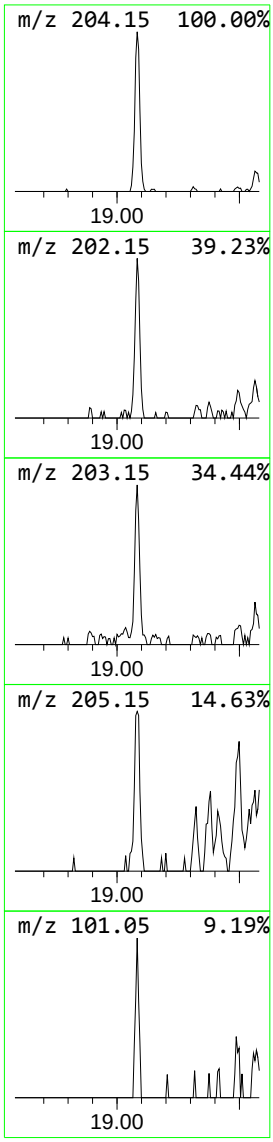
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.082	4.82 ng/ul	52186	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	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Misc :
ALS Vial : 10 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

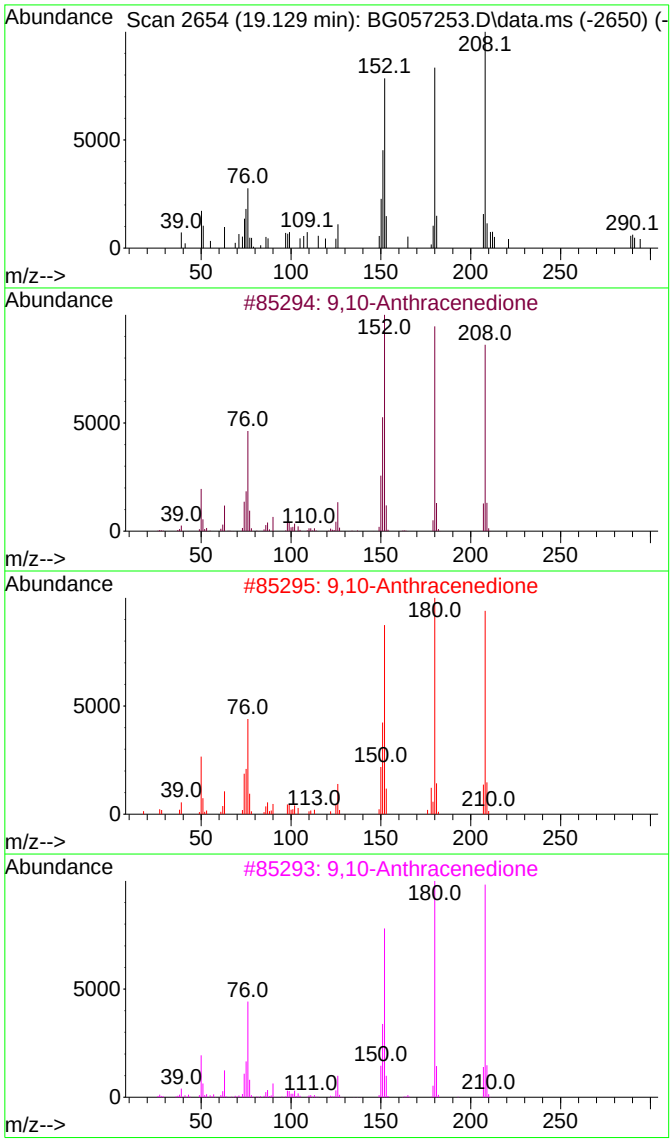
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

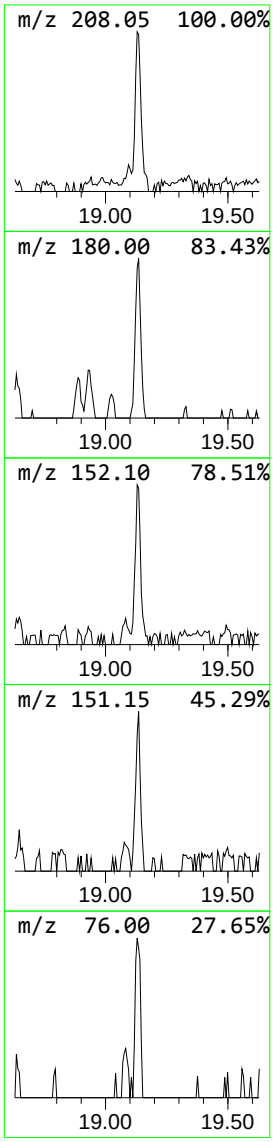
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.129	4.01 ng/ul	43444	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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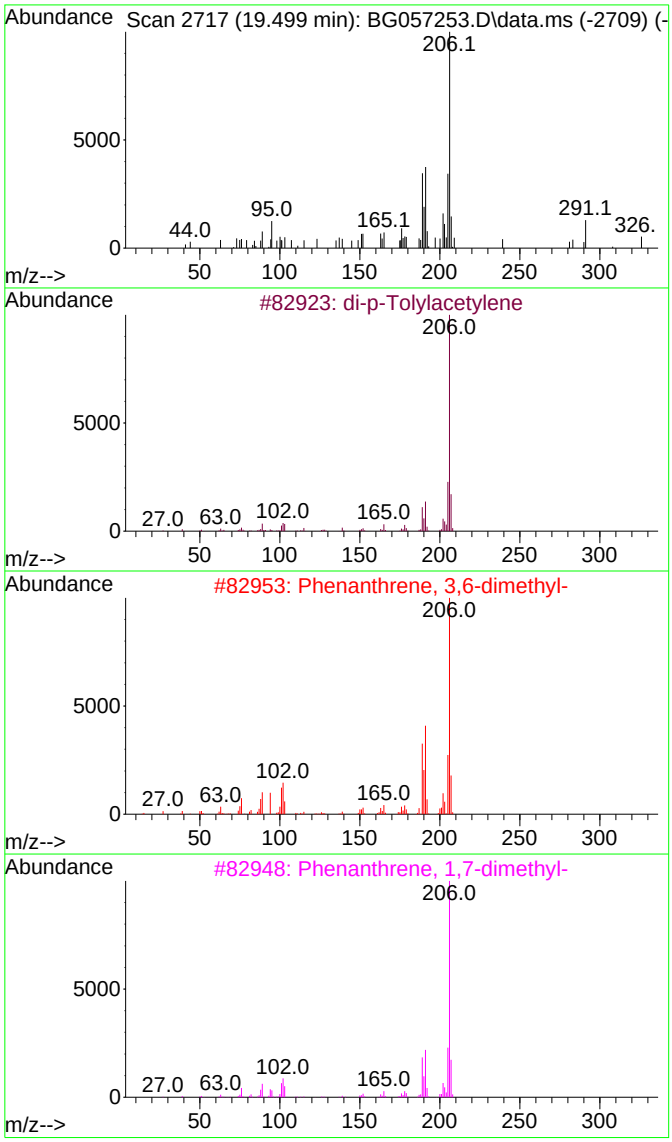
Quant Title : SVOA CALIBRATION

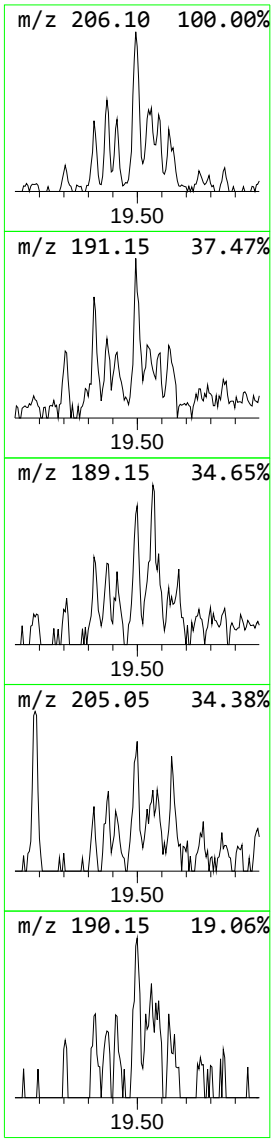
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 di-p-Tolylacetylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.499	3.47 ng/ul	37635	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70





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Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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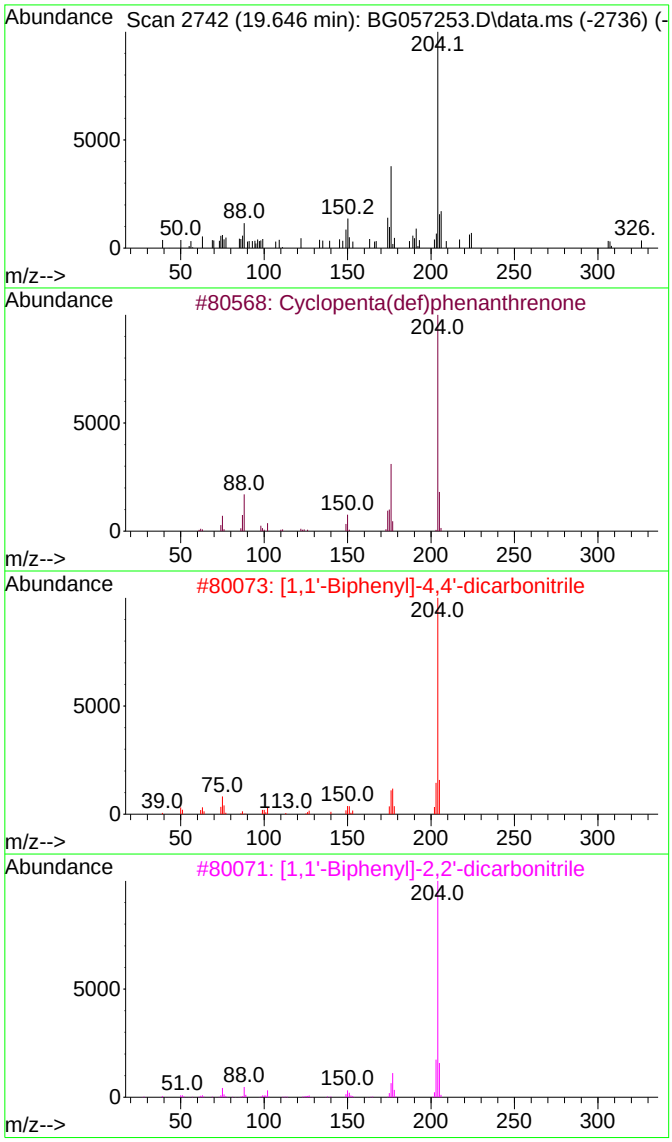
Quant Title : SVOA CALIBRATION

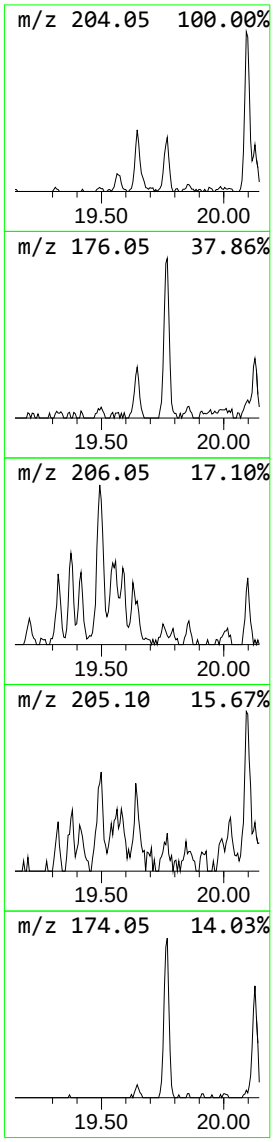
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.646	3.61 ng/ul	39126	Phenanthrene-d10	17.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	72
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47





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Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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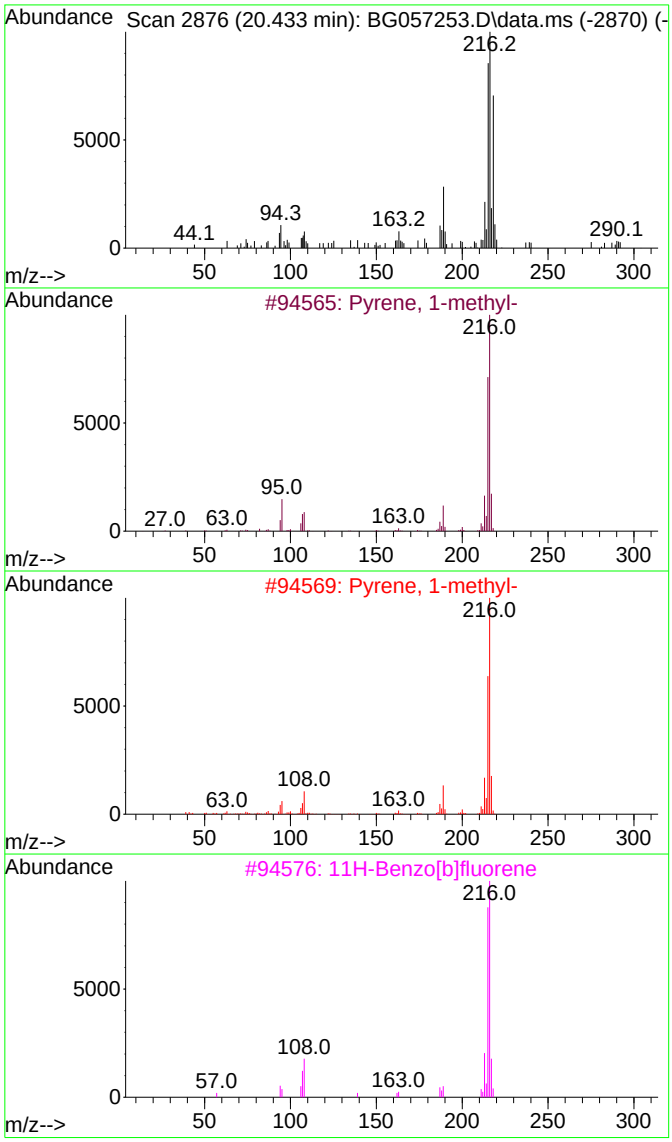
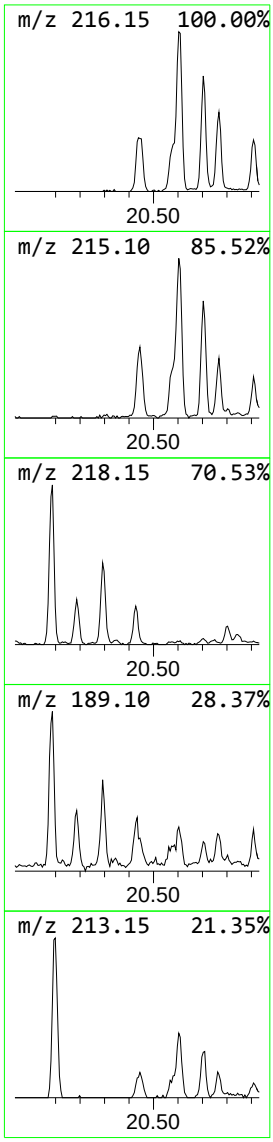
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.433	2.59 ng/ul	90722	Chrysene-d12	22.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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Misc :
ALS Vial : 10 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

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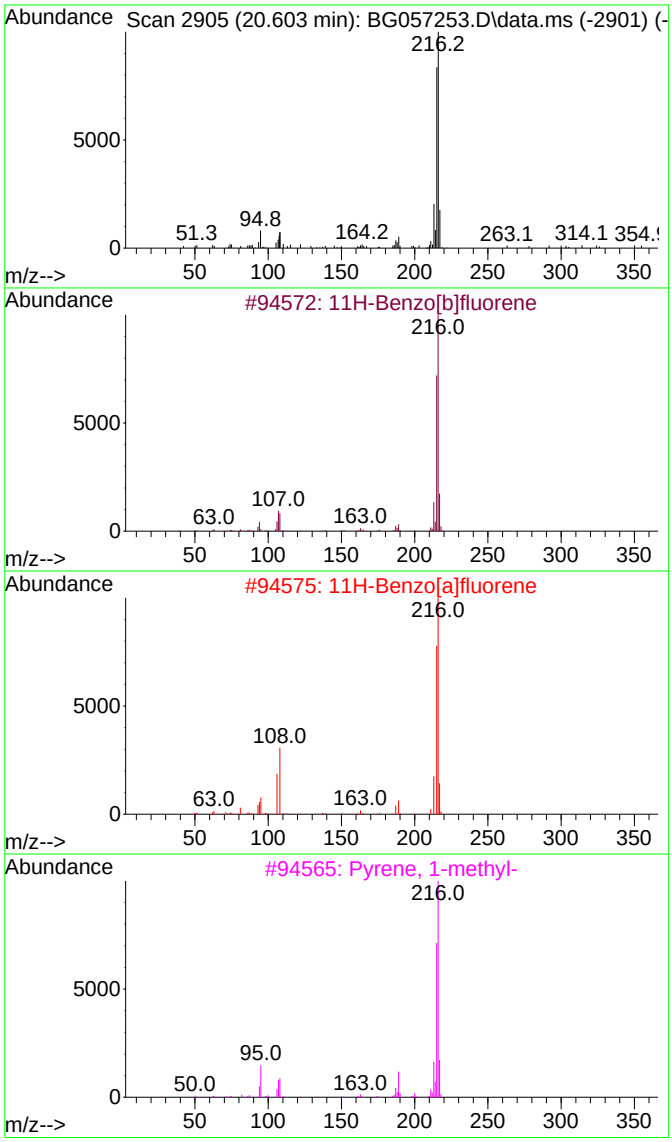
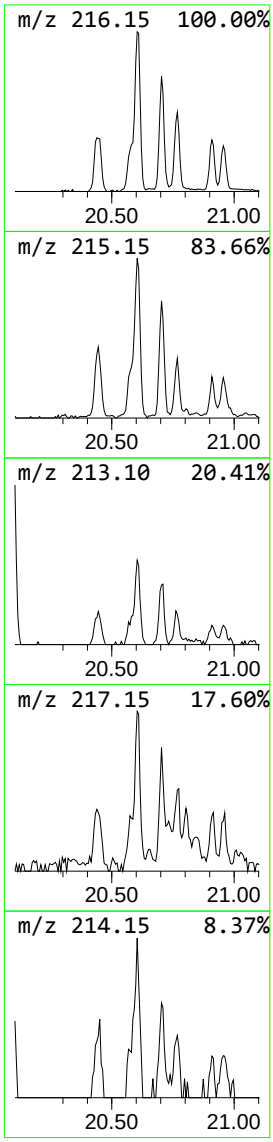
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.603	3.24 ng/ul	113384	Chrysene-d12	22.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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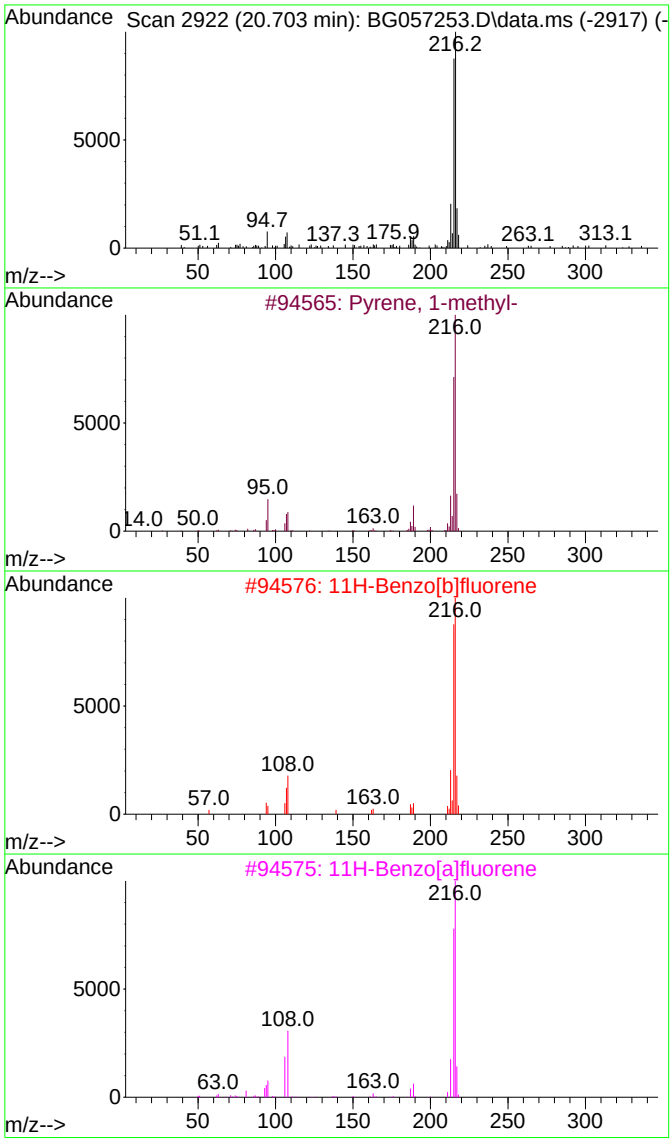
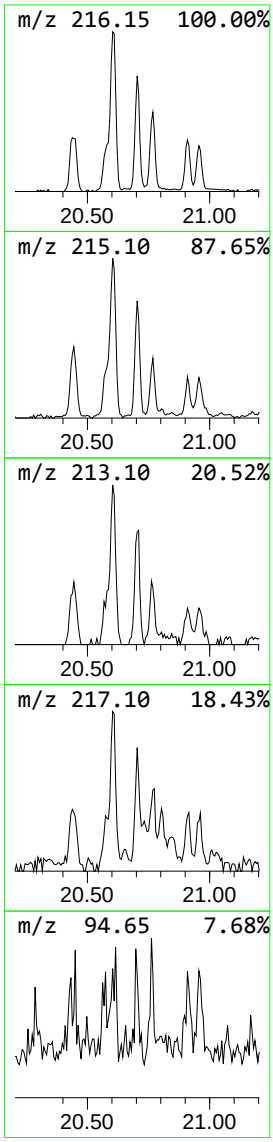
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.703	2.10 ng/ul	73335	Chrysene-d12	22.049

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	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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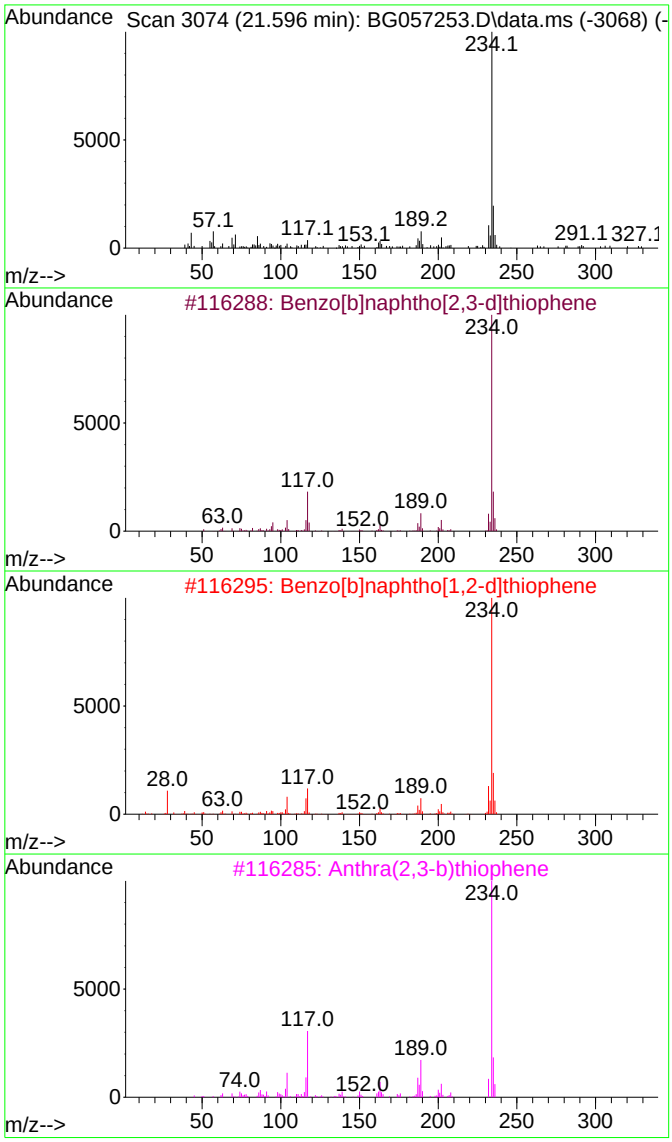
Quant Title : SVOA CALIBRATION

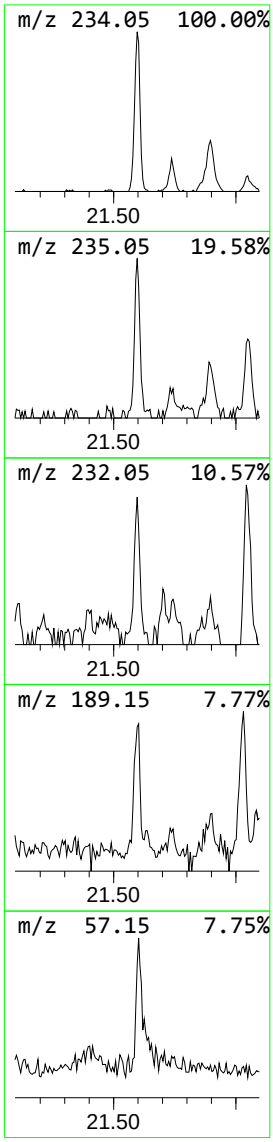
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.596	3.18 ng/ul	111322	Chrysene-d12	22.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	91
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	90
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
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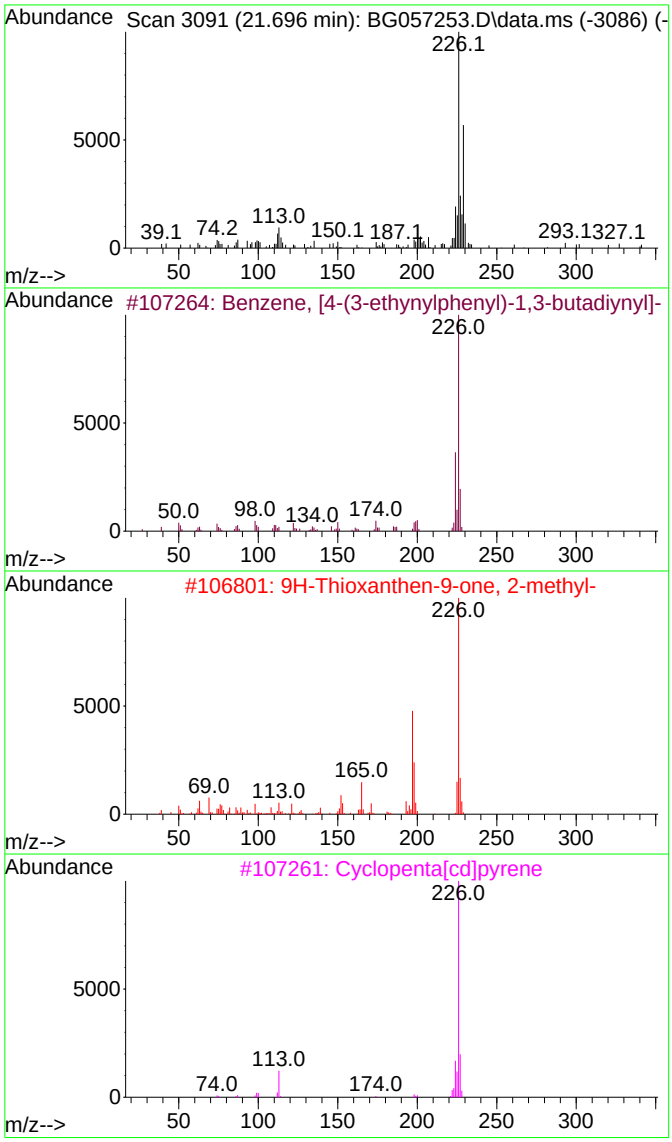
Quant Title : SVOA CALIBRATION

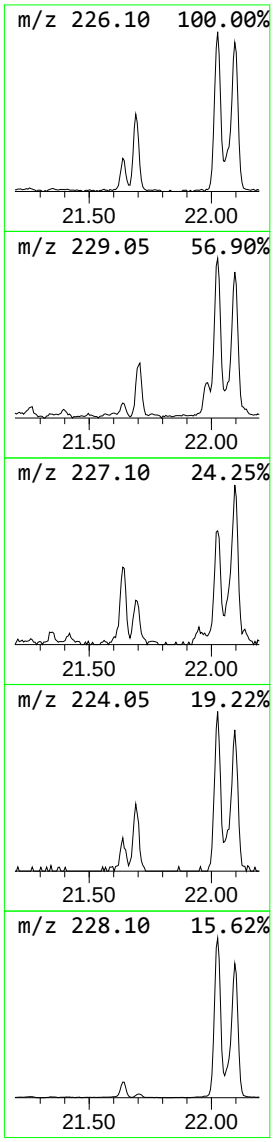
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, [4-(3-ethynylpheny... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.696	2.53 ng/ul	88457	Chrysene-d12	22.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	50
2	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	47
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
4	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	43
5	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	43





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Data File : BG057253.D
Acq On : 1 May 2023 16:06
Operator : CG/JU
Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW901

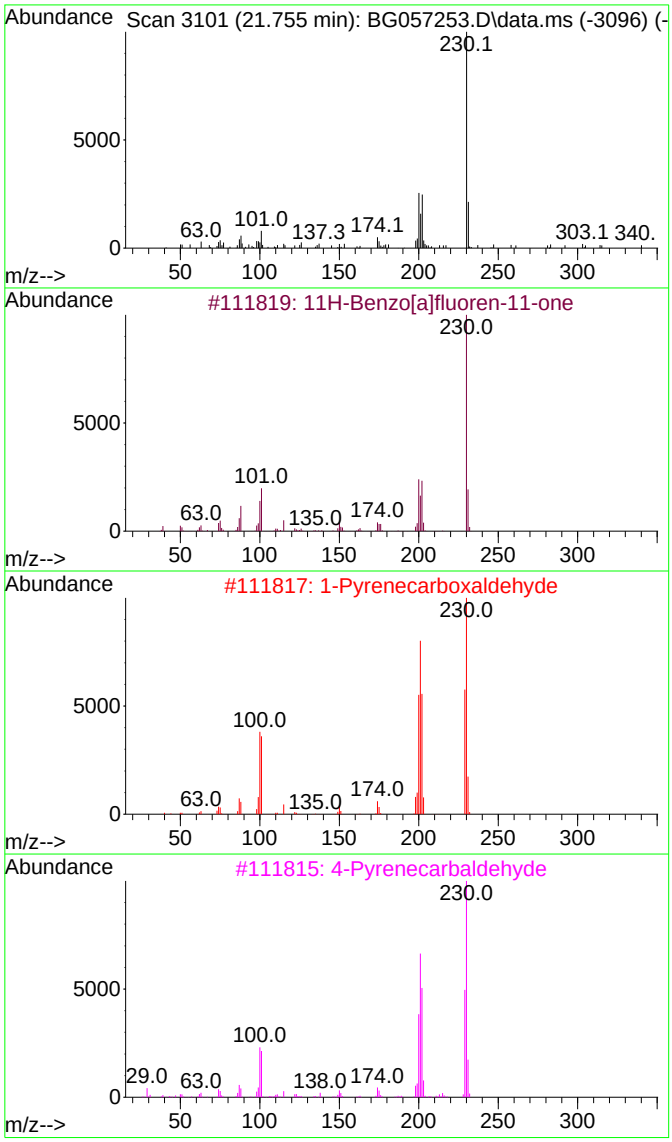
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

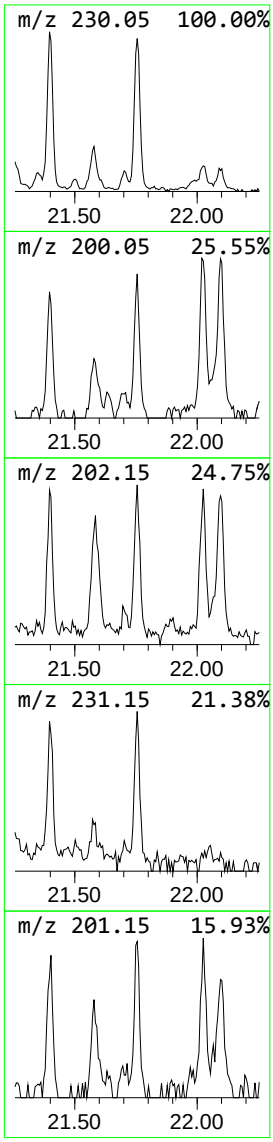
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.755	2.40 ng/ul	84041	Chrysene-d12	22.049

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	83
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	74
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64





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Data File : BG057253.D
Acq On : 1 May 2023 16:06
Operator : CG/JU
Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW901

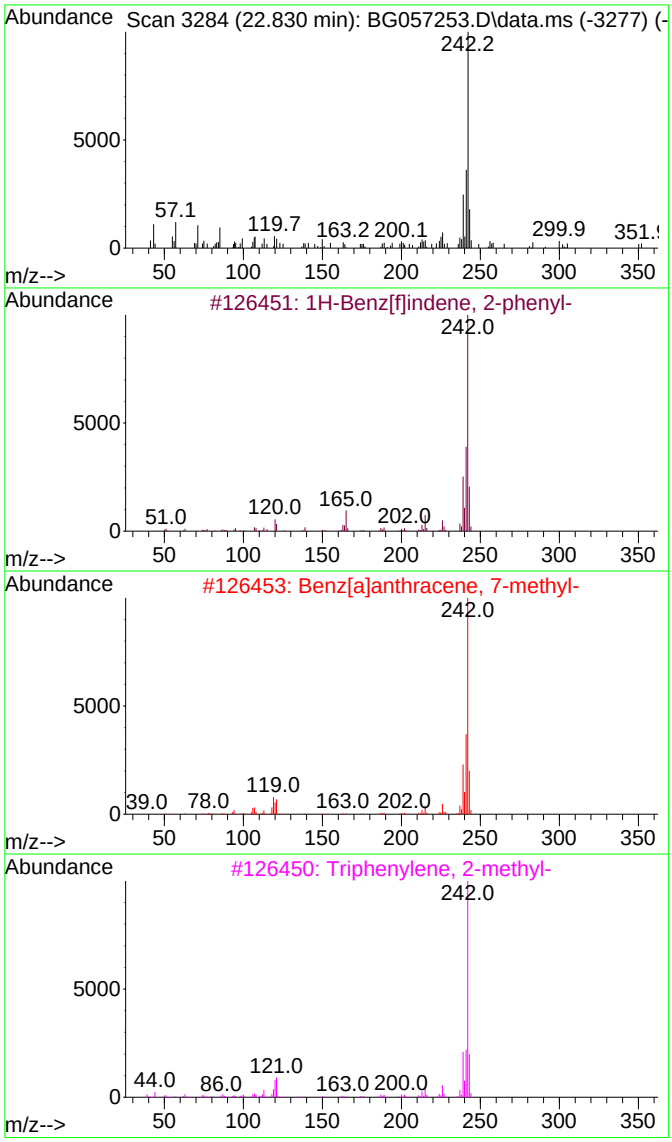
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

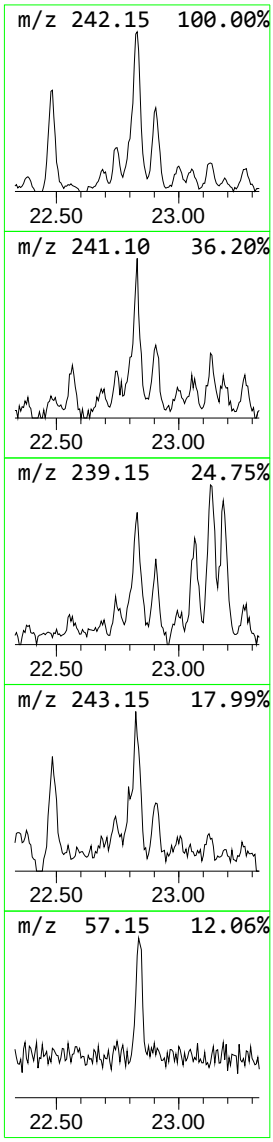
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1H-Benz[f]indene, 2-phenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.830	2.04 ng/ul	71224	Chrysene-d12	22.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	92
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	76
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	70
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	70
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	64





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Data File : BG057253.D
Acq On : 1 May 2023 16:06
Operator : CG/JU
Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW901

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

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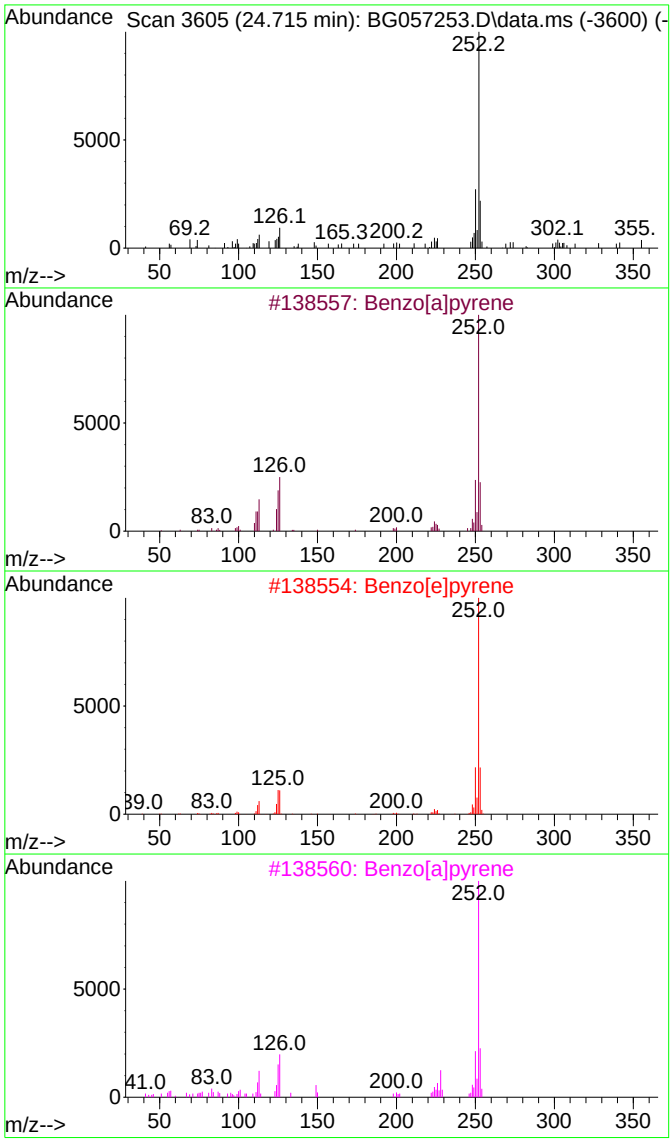
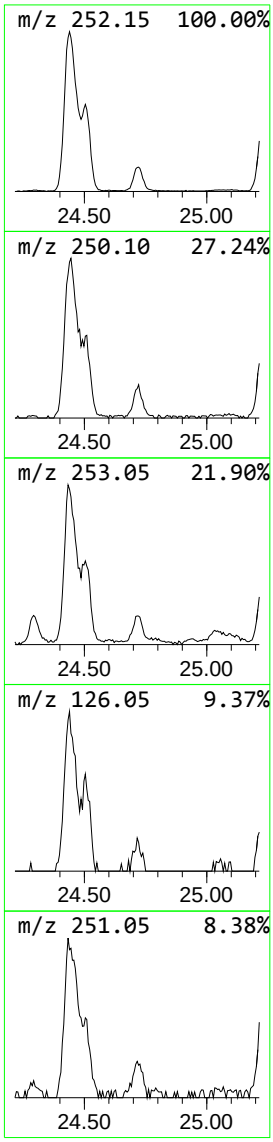
Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.715	4.61 ng/ul	49143	Perylene-d12	25.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	89
2	Benzo[e]pyrene	252	C20H12	000192-97-2	76
3	Benzo[a]pyrene	252	C20H12	000050-32-8	76
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
5	Benzo[a]pyrene	252	C20H12	000050-32-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057253.D
Acq On : 1 May 2023 16:06
Operator : CG/JU
Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW901

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

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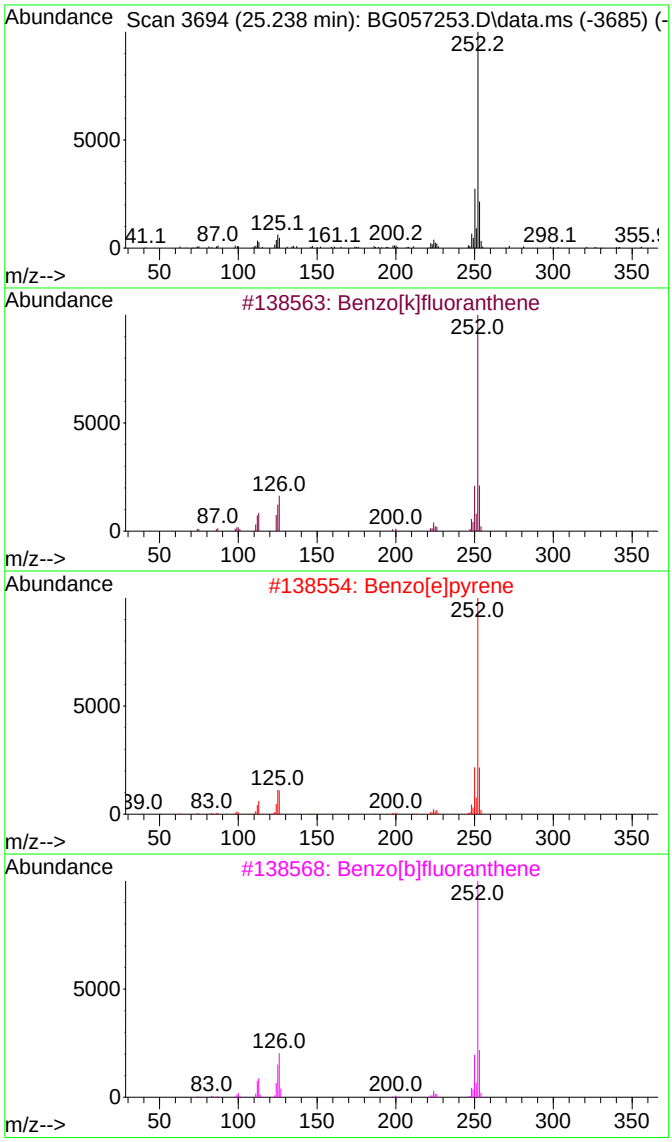
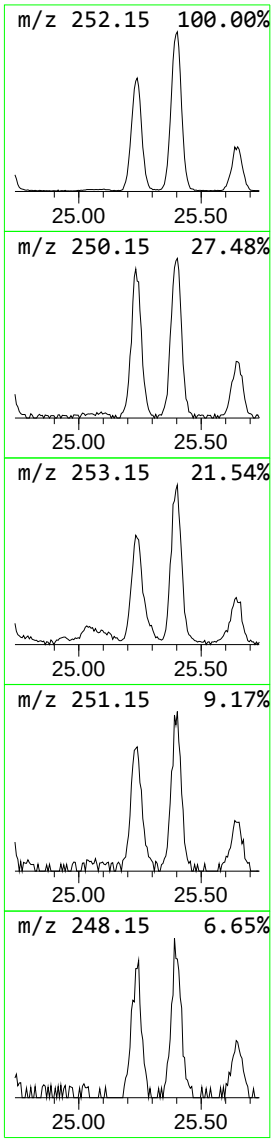
Peak Number 21 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.238	19.50 ng/ul	207689	Perylene-d12	25.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91





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Data File : BG057253.D
Acq On : 1 May 2023 16:06
Operator : CG/JU
Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW901

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

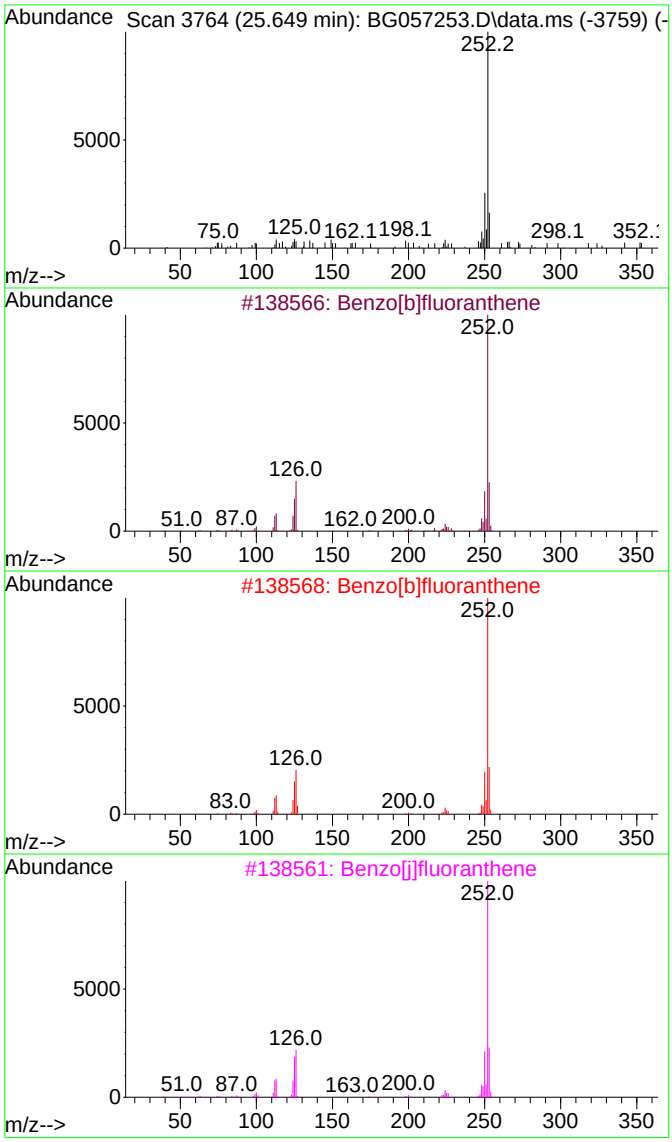
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

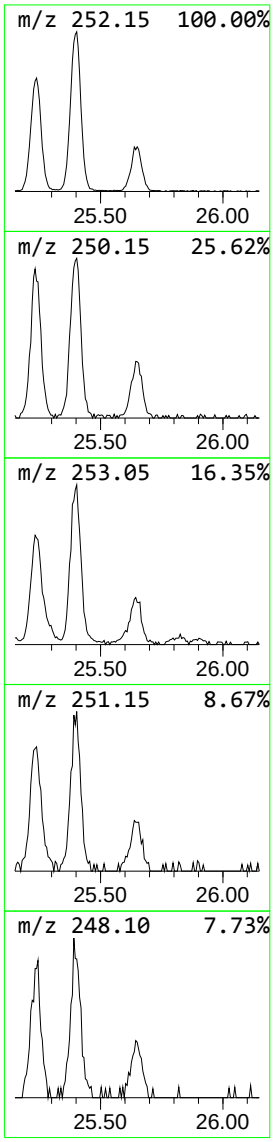
****

Peak Number 22 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.650	9.19 ng/ul	97901	Perylene-d12	25.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	64
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	64
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	64
4	Perylene	252	C20H12	000198-55-0	64
5	Benzo[a]pyrene	252	C20H12	000050-32-8	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057253.D
Acq On : 1 May 2023 16:06
Operator : CG/JU
Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW901

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
Methacrylamide	4.214	3.4	ng/ul	13402	1	8.385	79972	20.0
Benzophenone	16.327	11.2	ng/ul	102004	3	14.993	182914	20.0
9H-Fluoren-9-one	17.384	2.3	ng/ul	24860	4	17.731	216694	20.0
Dibenzothiophene	17.549	3.3	ng/ul	35438	4	17.731	216694	20.0
Phenanthrene, 1...	18.600	5.0	ng/ul	54661	4	17.731	216694	20.0
Anthracene, 2-m...	18.647	7.9	ng/ul	86026	4	17.731	216694	20.0
Anthracene, 1-m...	18.724	2.9	ng/ul	31336	4	17.731	216694	20.0
4H-Cyclopenta[d...	18.800	12.9	ng/ul	139269	4	17.731	216694	20.0
5,16[1',2']:8,1...	19.082	4.8	ng/ul	52186	4	17.731	216694	20.0
9,10-Anthracene...	19.129	4.0	ng/ul	43444	4	17.731	216694	20.0
di-p-Tolylacety...	19.499	3.5	ng/ul	37635	4	17.731	216694	20.0
Cyclopenta(def)...	19.646	3.6	ng/ul	39126	4	17.731	216694	20.0
Pyrene, 1-methyl-	20.433	2.6	ng/ul	90722	5	22.049	699560	20.0
11H-Benzo[b]flu...	20.603	3.2	ng/ul	113384	5	22.049	699560	20.0
11H-Benzo[a]flu...	20.703	2.1	ng/ul	73335	5	22.049	699560	20.0
Benzo[b]naphtho...	21.596	3.2	ng/ul	111322	5	22.049	699560	20.0
Benzene, [4-(3-...	21.696	2.5	ng/ul	88457	5	22.049	699560	20.0
11H-Benzo[a]flu...	21.755	2.4	ng/ul	84041	5	22.049	699560	20.0
1H-Benz[f]inden...	22.830	2.0	ng/ul	71224	5	22.049	699560	20.0
Benzo[e]pyrene	24.715	4.6	ng/ul	49143	6	25.561	213040	20.0
unknown-01	25.238	19.5	ng/ul	207689	6	25.561	213040	20.0
Benzo[j]fluoran...	25.650	9.2	ng/ul	97901	6	25.561	213040	20.0