

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
 Data File : BG057317.D
 Acq On : 5 May 2023 13:35
 Operator : CG/JU
 Sample : 02479-07 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW948

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: BG057317.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.515	672	677	686	rBV4	2764	4602	0.67%	0.064%
2	7.679	700	705	710	rBV2	2982	4222	0.61%	0.059%
3	7.902	739	743	748	rBV2	2807	3585	0.52%	0.050%
4	8.372	815	823	830	rBV	63435	108158	15.74%	1.503%
5	9.083	939	944	950	rBV4	3324	5470	0.80%	0.076%
6	9.547	1019	1023	1029	rVB3	3630	6717	0.98%	0.093%
7	10.828	1236	1241	1247	rVB3	2416	4349	0.63%	0.060%
8	11.210	1298	1306	1312	rBV	100909	176061	25.62%	2.446%
9	11.263	1312	1315	1322	rVB2	10069	16451	2.39%	0.229%
10	12.837	1578	1583	1588	rBV	6166	8387	1.22%	0.117%
11	13.054	1616	1620	1625	rBV	3696	5983	0.87%	0.083%
12	14.306	1828	1833	1839	rBV2	3263	5207	0.76%	0.072%
13	14.370	1839	1844	1850	rVV	11778	15937	2.32%	0.221%
14	14.687	1892	1898	1907	rVB	11412	18283	2.66%	0.254%
15	14.987	1943	1949	1955	rVV	185116	279058	40.61%	3.877%
16	15.052	1955	1960	1967	rVB	44683	64757	9.42%	0.900%
17	15.287	1993	2000	2007	rBV3	2012	3392	0.49%	0.047%
18	15.381	2009	2016	2024	rBV	20730	32249	4.69%	0.448%
19	15.968	2111	2116	2121	rBV2	16788	23858	3.47%	0.331%
20	16.027	2121	2126	2132	rVB2	42393	64924	9.45%	0.902%
21	16.121	2137	2142	2144	rBV3	1707	3061	0.45%	0.043%
22	16.144	2144	2146	2150	rVV2	3100	4625	0.67%	0.064%
23	16.185	2150	2153	2158	rVV2	4608	7008	1.02%	0.097%
24	16.273	2165	2168	2171	rVV3	3333	4610	0.67%	0.064%
25	16.315	2171	2175	2181	rVB	10099	15255	2.22%	0.212%
26	16.461	2195	2200	2208	rVB	6862	14060	2.05%	0.195%
27	17.025	2281	2296	2300	rBV4	6113	15370	2.24%	0.214%
28	17.078	2301	2305	2310	rVB5	4234	6276	0.91%	0.087%
29	17.166	2315	2320	2326	rVB3	2297	4434	0.65%	0.062%
30	17.249	2326	2334	2337	rBV4	2683	5704	0.83%	0.079%
31	17.284	2337	2340	2344	rVV3	3205	5286	0.77%	0.073%
32	17.378	2352	2356	2360	rBV3	7498	10760	1.57%	0.149%
33	17.442	2360	2367	2368	rBV4	2718	4464	0.65%	0.062%
34	17.472	2368	2372	2379	rVB2	10460	16536	2.41%	0.230%
35	17.548	2379	2385	2394	rVB	16531	25805	3.75%	0.359%
36	17.730	2409	2416	2419	rBV	217952	345740	50.31%	4.804%

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

37	17.771	2419	2423	2428	rVV	351732	510276	74.25%	7.090%
38	17.824	2428	2432	2434	rVV2	21968	30137	4.39%	0.419%
39	17.860	2434	2438	2444	rVV	84667	124258	18.08%	1.726%
40	17.912	2444	2447	2451	rVB	6080	9057	1.32%	0.126%
41	18.124	2476	2483	2488	rBV2	42497	69733	10.15%	0.969%
42	18.230	2498	2501	2510	rBV5	4446	8175	1.19%	0.114%
43	18.306	2510	2514	2520	rVV3	4597	6388	0.93%	0.089%
44	18.447	2533	2538	2543	rBV4	3796	7346	1.07%	0.102%
45	18.523	2547	2551	2556	rBV5	2152	4857	0.71%	0.067%
46	18.594	2556	2563	2567	rBV	34418	49721	7.23%	0.691%
47	18.641	2567	2571	2576	rVB	47338	67255	9.79%	0.934%
48	18.717	2578	2584	2590	rBV	17037	28308	4.12%	0.393%
49	18.794	2590	2597	2609	rVB2	56727	129986	18.91%	1.806%
50	18.882	2609	2612	2616	rVB4	3584	4641	0.68%	0.064%
51	18.929	2616	2620	2624	rBV4	6496	8999	1.31%	0.125%
52	19.076	2640	2645	2650	rBV2	27774	39452	5.74%	0.548%
53	19.128	2650	2654	2661	rVB3	18442	30113	4.38%	0.418%
54	19.199	2661	2666	2669	rBV4	4948	8857	1.29%	0.123%
55	19.316	2681	2686	2691	rBV4	6650	10834	1.58%	0.151%
56	19.369	2691	2695	2698	rBV5	6891	8386	1.22%	0.117%
57	19.410	2698	2702	2706	rVB6	5163	6519	0.95%	0.091%
58	19.487	2708	2715	2721	rBV2	12704	27824	4.05%	0.387%
59	19.640	2736	2741	2744	rBV4	11252	18187	2.65%	0.253%
60	19.763	2753	2762	2767	rBV	473556	671500	97.71%	9.330%
61	19.804	2767	2769	2773	rVB5	4303	4679	0.68%	0.065%
62	19.857	2773	2778	2782	rVB3	7525	12486	1.82%	0.173%
63	19.951	2790	2794	2797	rVV4	18877	22408	3.26%	0.311%
64	20.004	2801	2803	2811	rVB	15801	25950	3.78%	0.361%
65	20.086	2811	2817	2819	rBV2	104634	169671	24.69%	2.357%
66	20.121	2819	2823	2829	rVV	354184	519714	75.62%	7.221%
67	20.180	2829	2833	2840	rVB	19599	31527	4.59%	0.438%
68	20.292	2848	2852	2856	rVB	24744	31663	4.61%	0.440%
69	20.362	2860	2864	2867	rVB	17383	24947	3.63%	0.347%
70	20.433	2871	2876	2882	rVB6	25492	55416	8.06%	0.770%
71	20.497	2882	2887	2890	rBV	15080	24917	3.63%	0.346%
72	20.603	2894	2905	2913	rVB	76800	153061	22.27%	2.127%
73	20.703	2917	2922	2925	rBV	65178	92657	13.48%	1.287%
74	20.762	2926	2932	2935	rVV3	25901	56690	8.25%	0.788%
75	20.797	2935	2938	2941	rVB2	18628	25192	3.67%	0.350%
76	20.903	2954	2956	2961	rVV2	14627	16582	2.41%	0.230%

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 Title : SVOA CALIBRATION

77	20.955	2961	2965	2969	rVV2	17930	27945	4.07%	0.388%
78	20.991	2969	2971	2977	rVB7	13015	14734	2.14%	0.205%
79	21.208	3006	3008	3010	rBV3	7521	7308	1.06%	0.102%
80	21.396	3036	3040	3048	rVB2	22167	36705	5.34%	0.510%
81	21.590	3068	3073	3077	rBV	31830	54395	7.92%	0.756%
82	21.637	3078	3081	3086	rVV2	27229	38769	5.64%	0.539%
83	21.696	3086	3091	3095	rVV2	37537	67182	9.78%	0.933%
84	21.748	3095	3100	3108	rVB2	22769	49263	7.17%	0.684%
85	22.036	3141	3149	3155	rBV4	242664	687229	100.00%	9.548%
86	22.089	3155	3158	3164	rVB	148659	246983	35.94%	3.432%
87	22.259	3182	3187	3196	rBV	36813	69483	10.11%	0.965%
88	22.483	3220	3225	3232	rVB3	29105	51346	7.47%	0.713%
89	22.829	3280	3284	3289	rVB2	25180	46659	6.79%	0.648%
90	22.870	3289	3291	3292	rBV2	6330	5060	0.74%	0.070%
91	23.123	3330	3334	3340	rBV6	13831	33497	4.87%	0.465%
92	23.264	3354	3358	3359	rBV4	11217	14393	2.09%	0.200%
93	23.569	3404	3410	3415	rBV9	14891	39374	5.73%	0.547%
94	24.345	3540	3542	3543	rBV2	5006	3344	0.49%	0.046%
95	24.439	3549	3558	3565	rBV	106761	360582	52.47%	5.010%
96	24.915	3637	3639	3640	rBV2	6593	4214	0.61%	0.059%
97	25.238	3686	3694	3702	rVB2	49888	132300	19.25%	1.838%
98	25.396	3713	3721	3731	rVB2	83270	241796	35.18%	3.359%
99	25.567	3740	3750	3758	rBV2	107426	317430	46.19%	4.410%
100	29.632	4433	4442	4459	rVB3	32913	158505	23.06%	2.202%

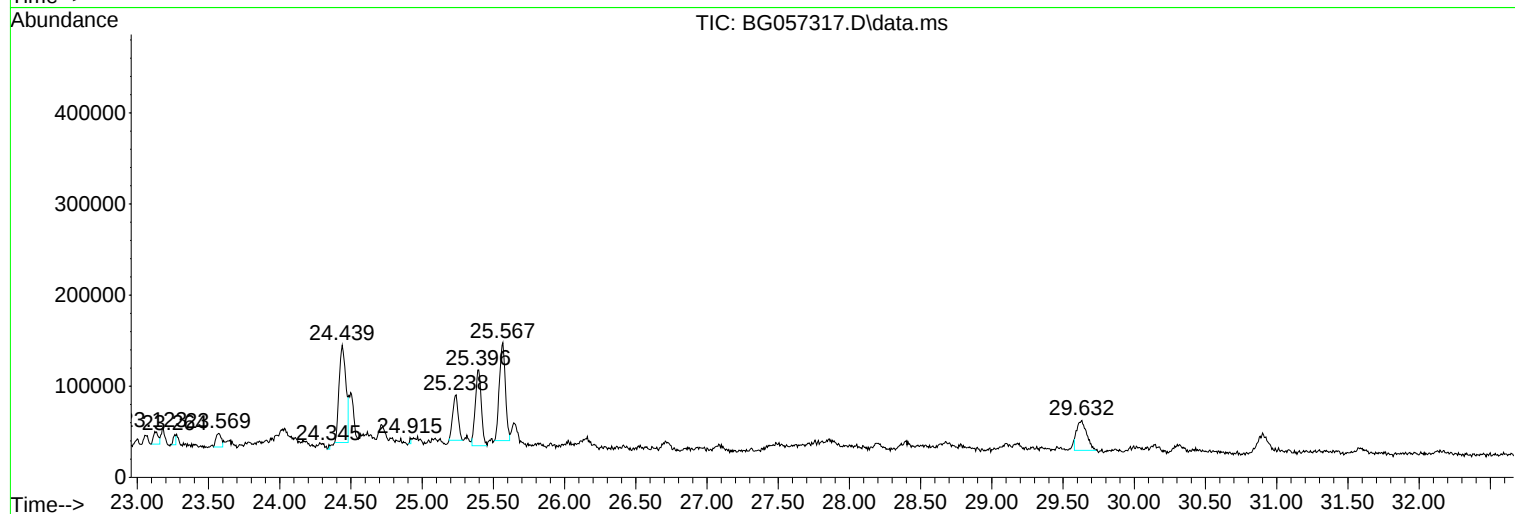
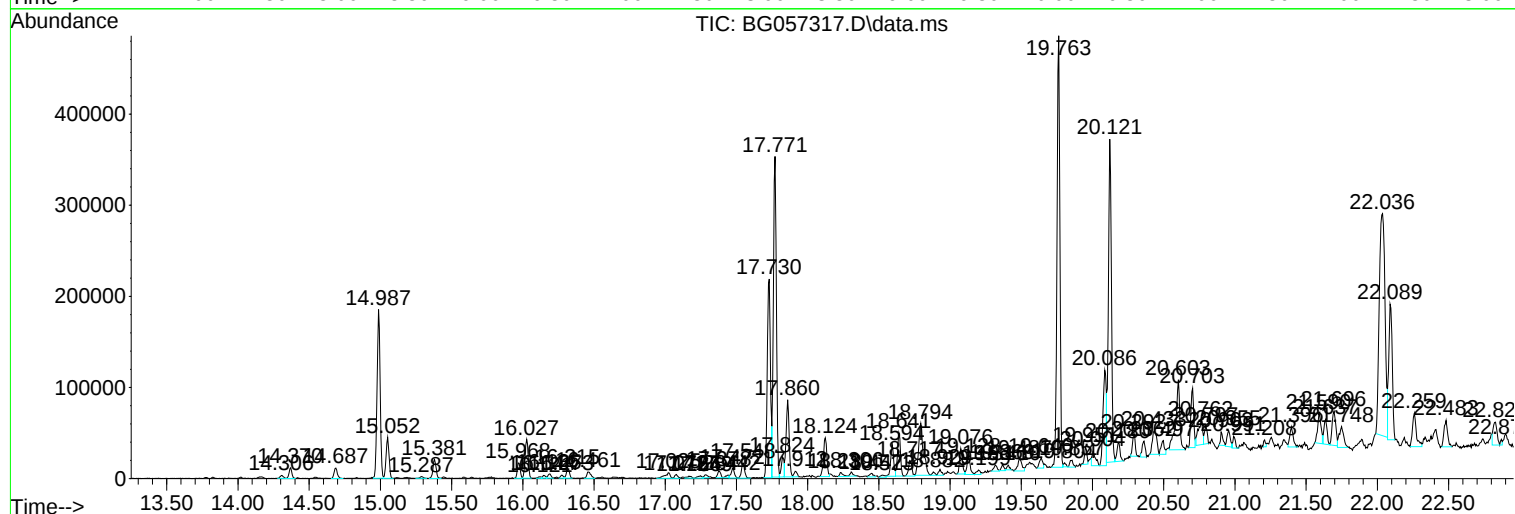
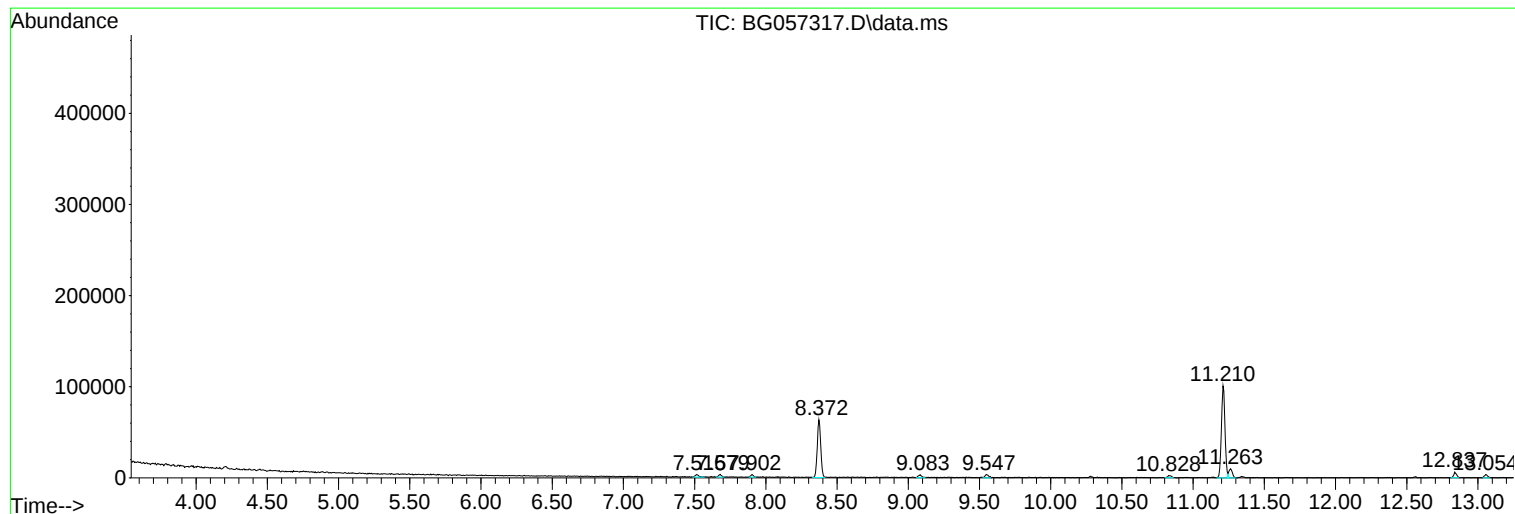
Sum of corrected areas: 7197509

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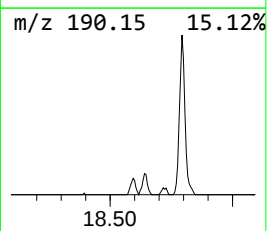
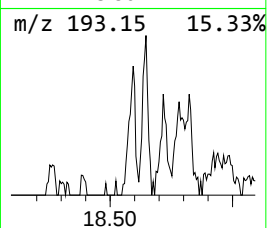
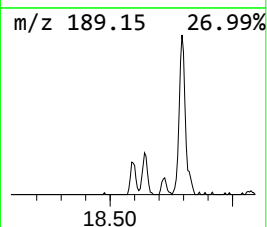
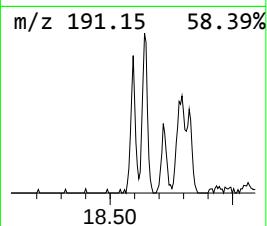
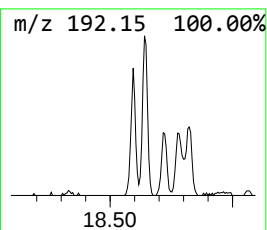
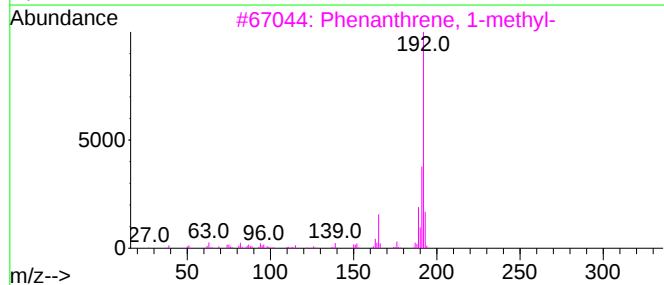
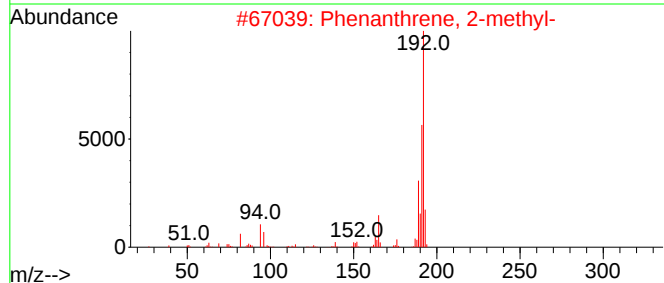
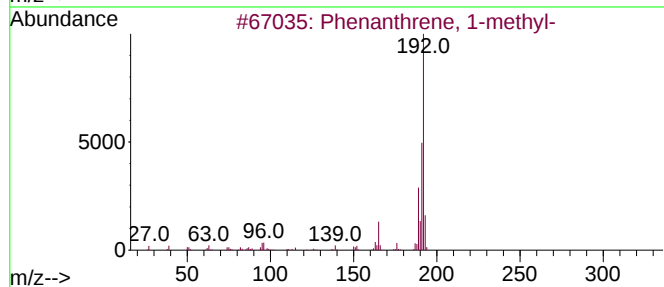
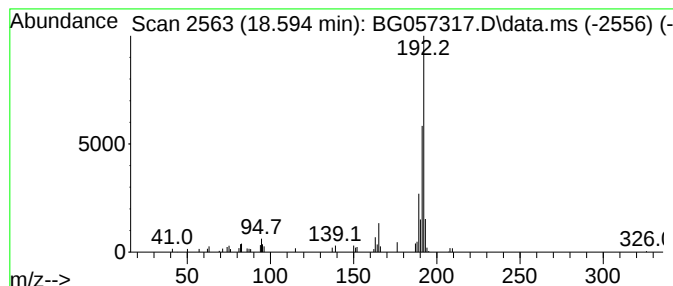
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.594	2.88 ng/ul	49721	Phenanthrene-d10	17.730

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



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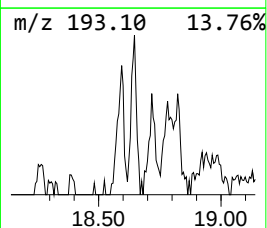
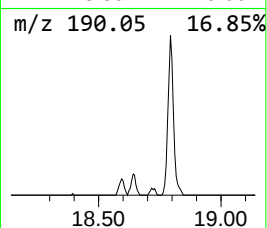
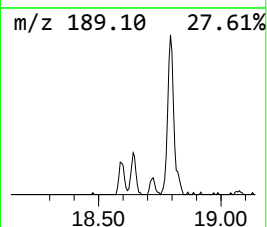
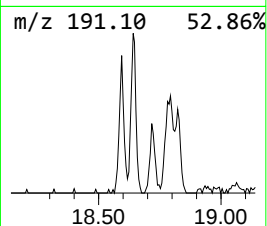
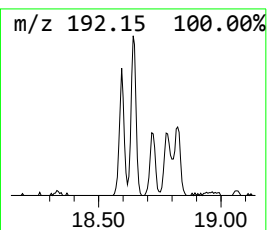
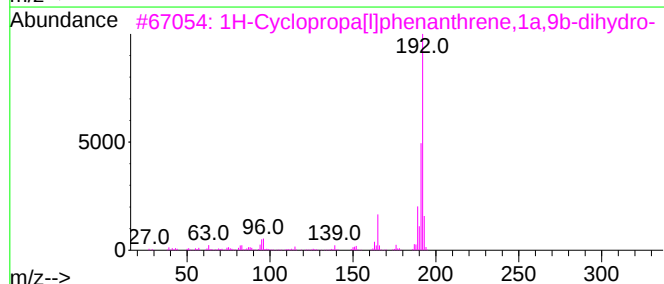
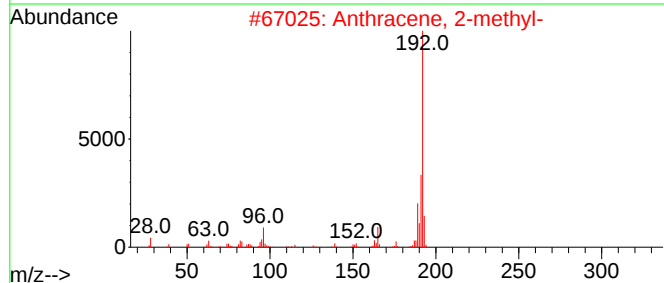
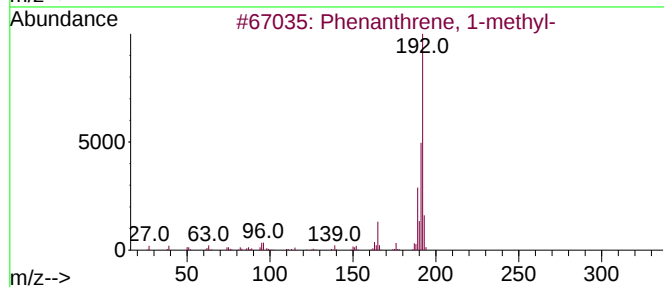
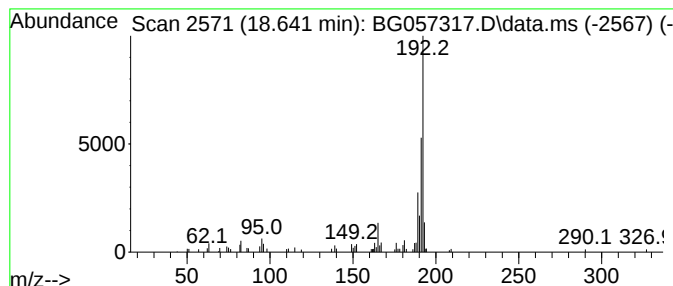
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.641	3.89 ng/ul	67255	Phenanthrene-d10	17.730

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	93
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92



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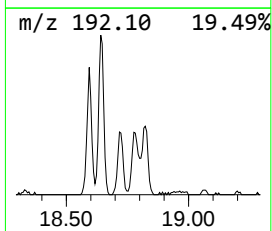
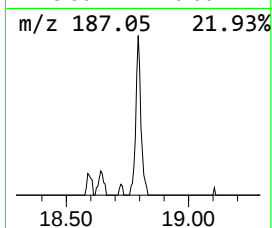
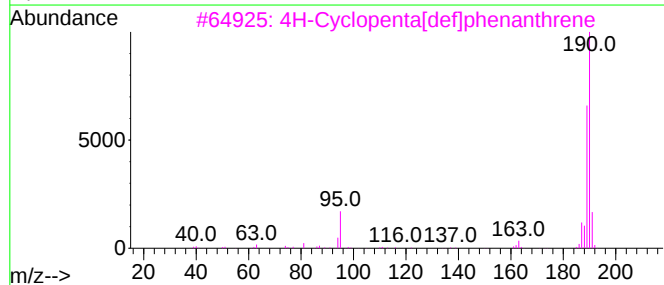
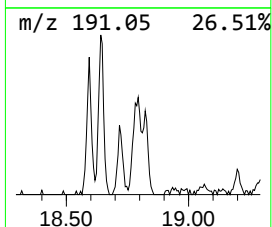
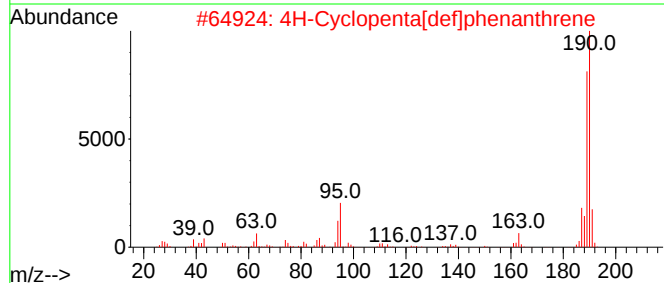
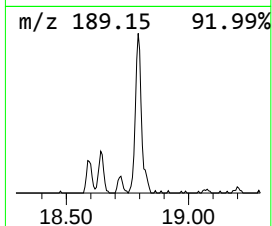
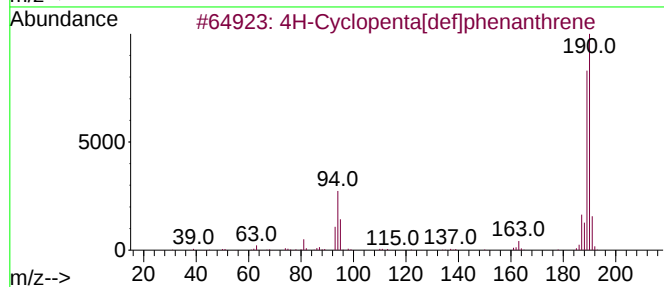
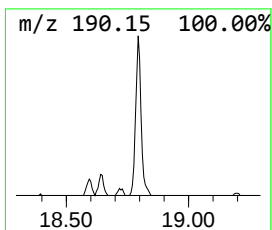
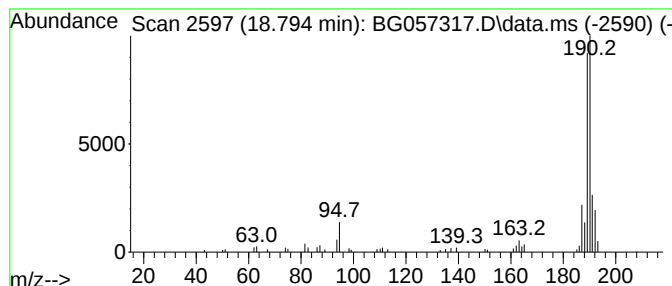
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ClientSampleId :
EW948

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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.794	7.52 ng/ul	129986	Phenanthrene-d10	17.730	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057317.D
Acq On : 5 May 2023 13:35
Operator : CG/JU
Sample : 02479-07 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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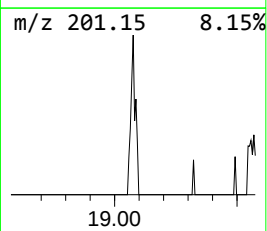
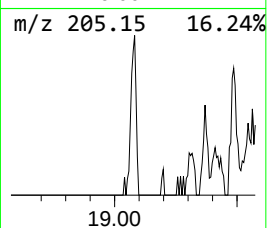
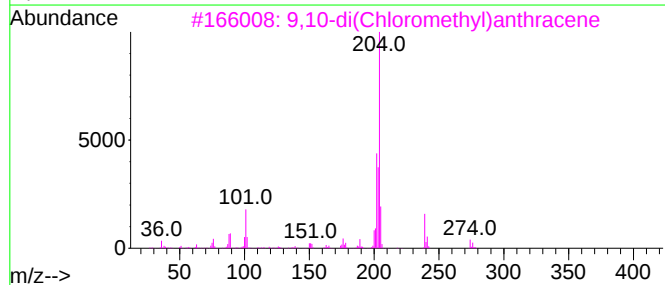
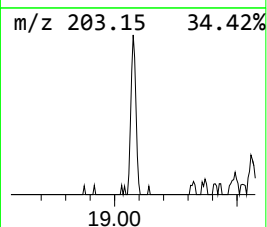
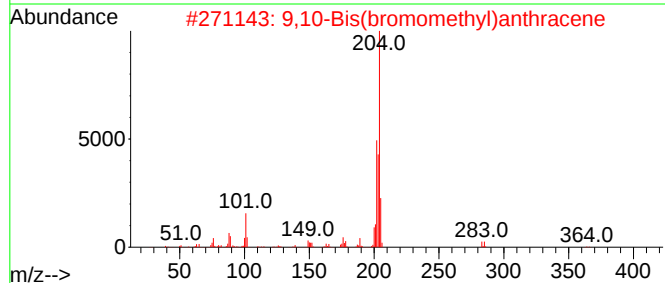
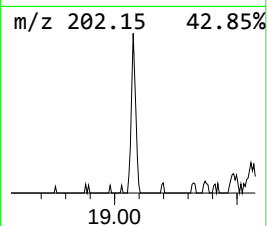
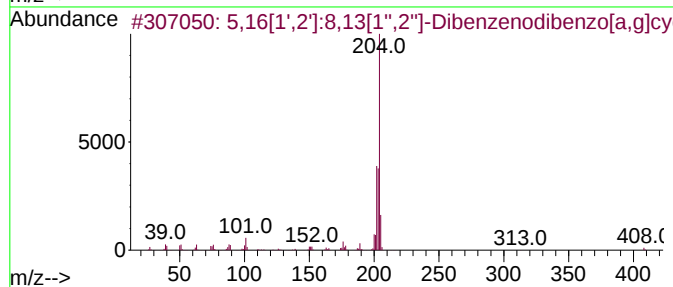
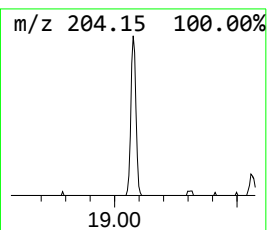
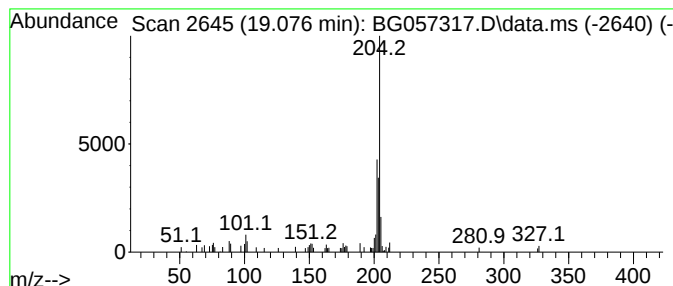
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.076	2.28 ng/ul	39452	Phenanthrene-d10	17.730

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87		
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86		
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	86		
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057317.D
Acq On : 5 May 2023 13:35
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Sample : 02479-07 5X
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ClientSampleId :
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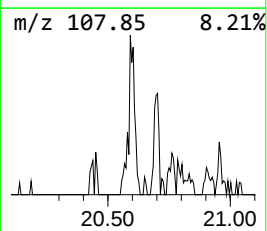
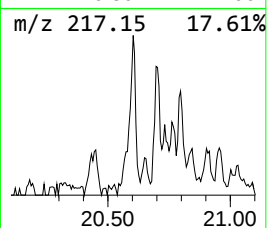
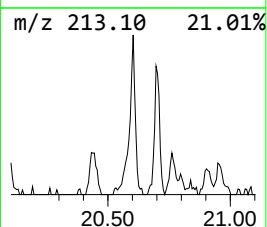
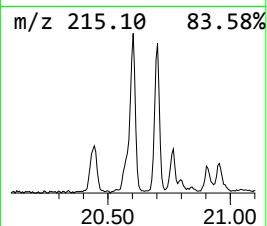
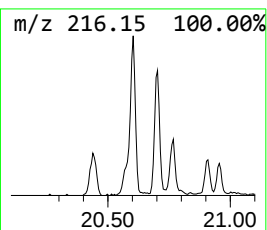
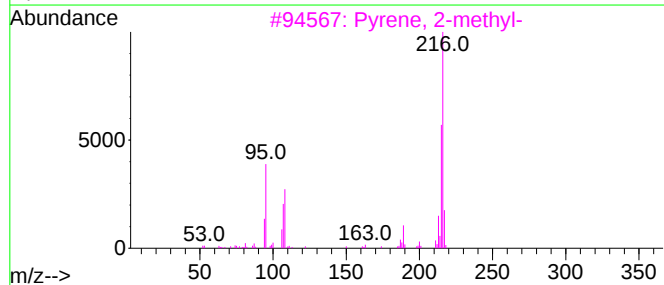
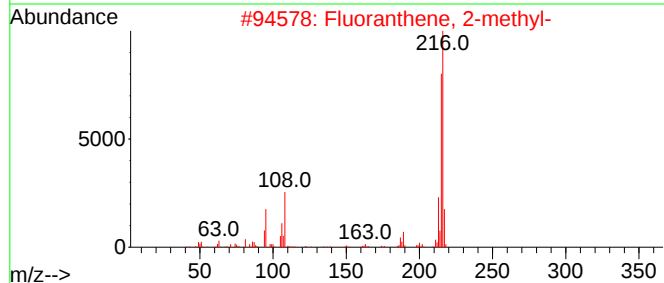
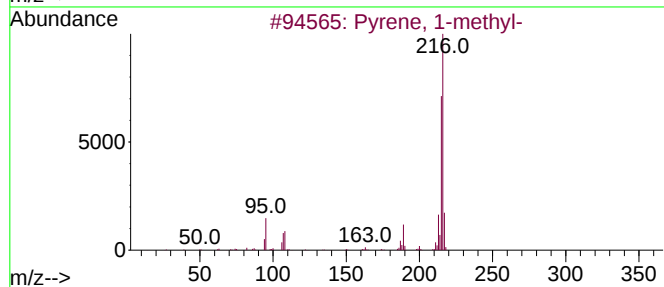
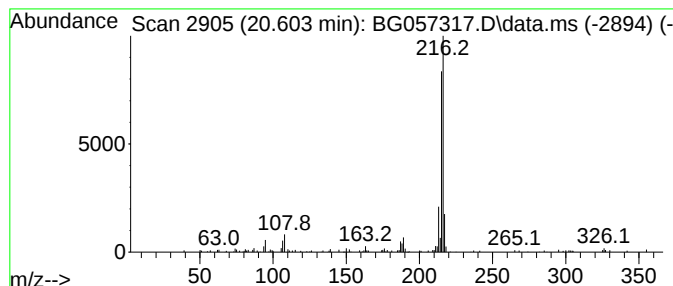
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.603	4.45 ng/ul	153061	Chrysene-d12	22.042

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	91
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057317.D
Acq On : 5 May 2023 13:35
Operator : CG/JU
Sample : 02479-07 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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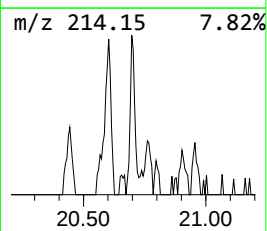
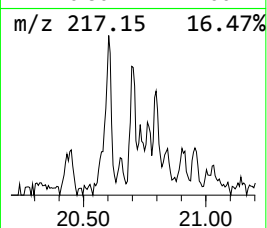
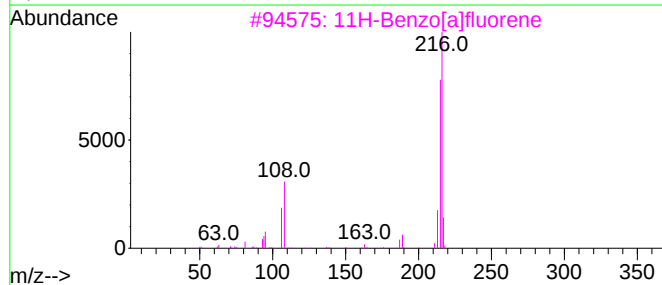
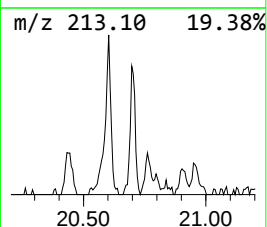
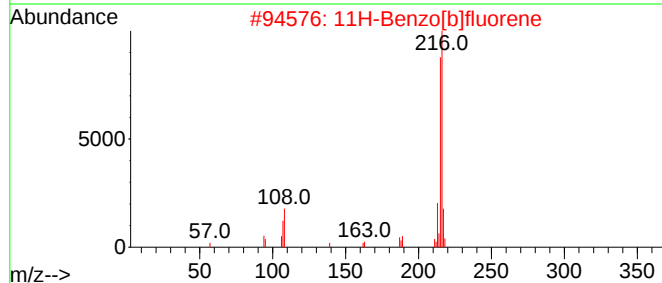
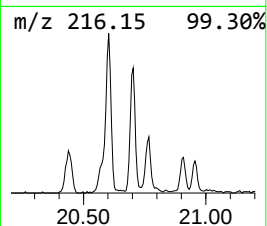
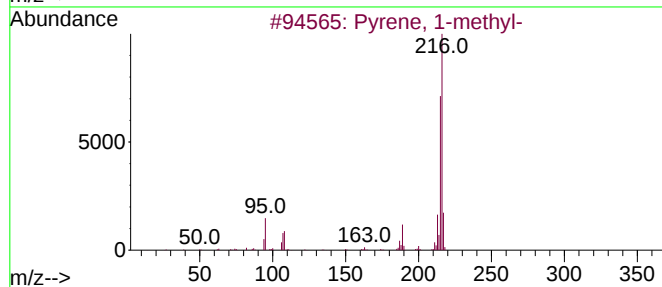
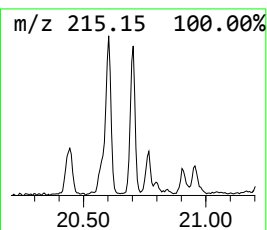
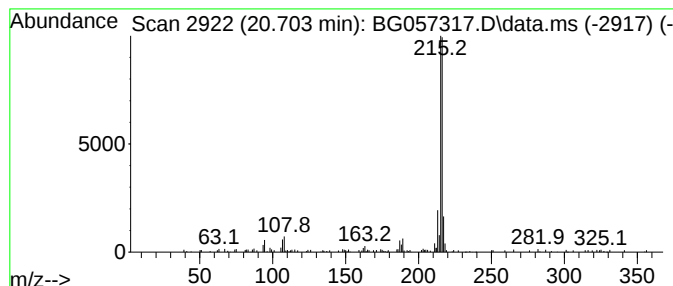
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.703	2.70 ng/ul	92657	Chrysene-d12	22.042

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	93
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057317.D
Acq On : 5 May 2023 13:35
Operator : CG/JU
Sample : 02479-07 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

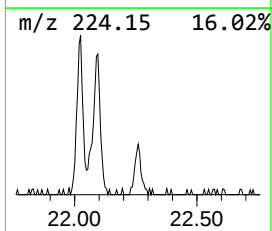
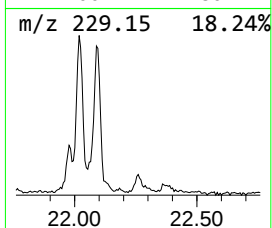
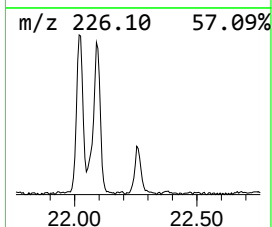
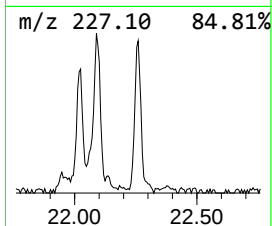
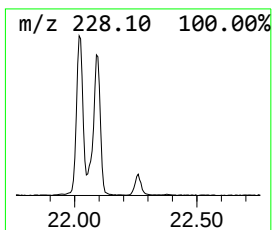
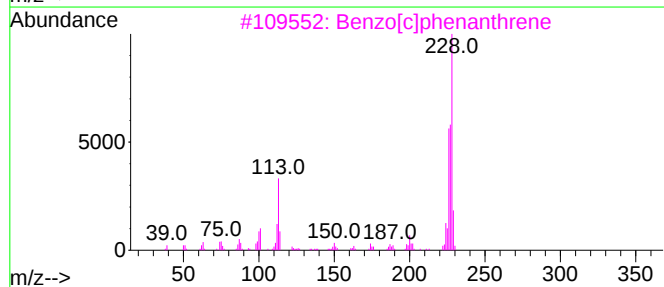
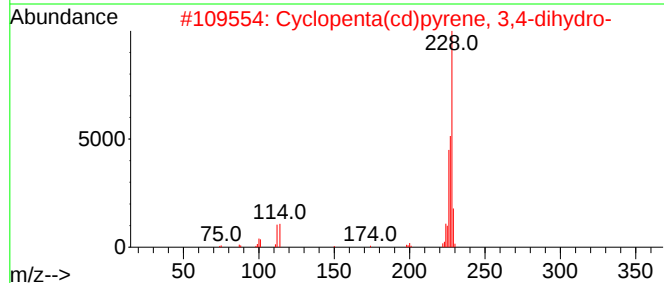
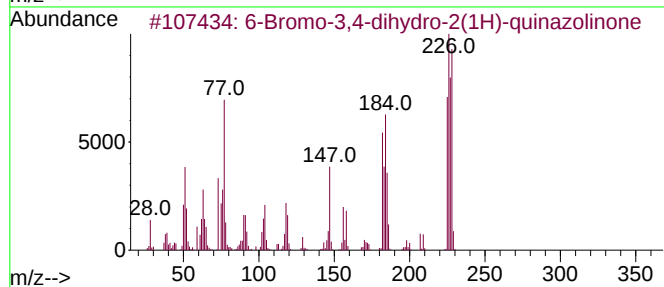
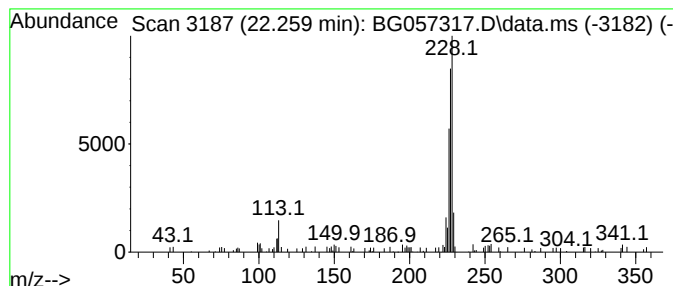
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 6-Bromo-3,4-dihydro-2(1H)-q... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.259	2.02 ng/ul	69483	Chrysene-d12	22.042	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	59
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	52
5	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057317.D
Acq On : 5 May 2023 13:35
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Sample : 02479-07 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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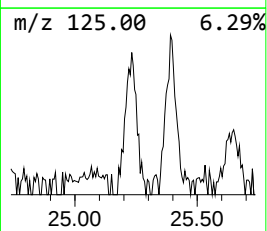
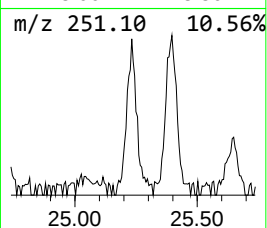
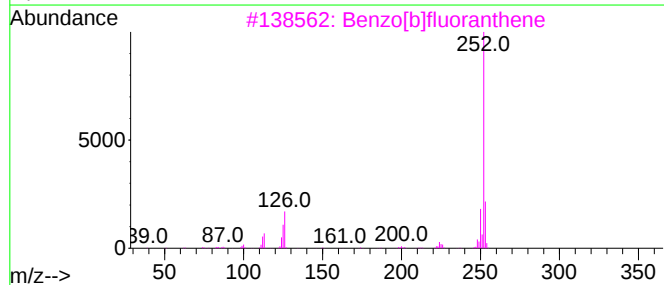
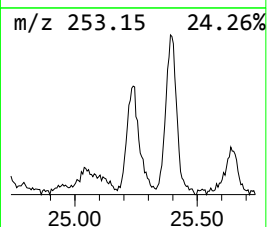
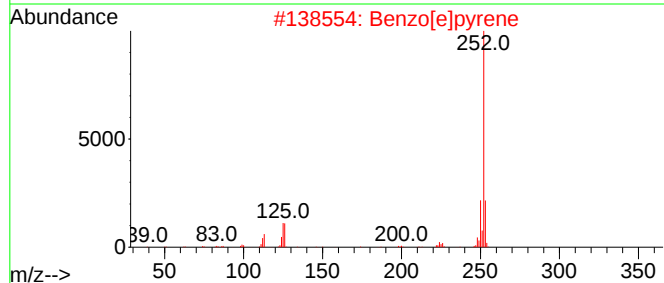
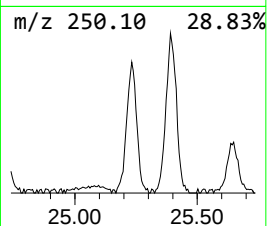
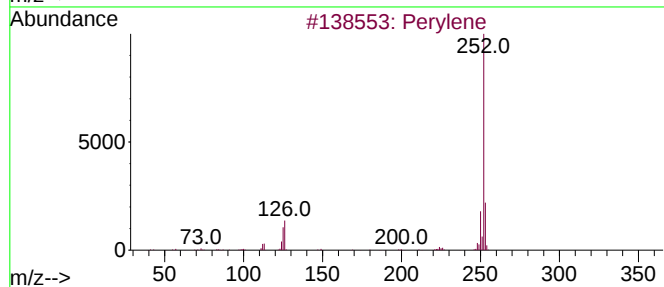
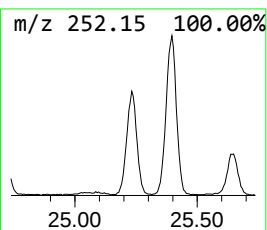
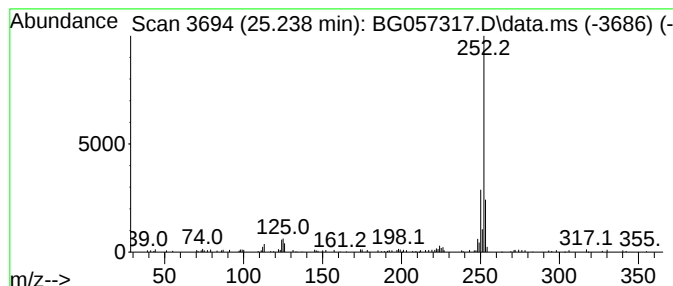
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.238	8.34 ng/ul	132300	Perylene-d12	25.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	90
2			Benzo[e]pyrene	252	C20H12	000192-97-2	90
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4			Benzo[a]pyrene	252	C20H12	000050-32-8	89
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057317.D
Acq On : 5 May 2023 13:35
Operator : CG/JU
Sample : 02479-07 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 1...	18.594	2.9	ng/ul	49721	4	17.730	345740	20.0
Anthracene, 2-m...	18.641	3.9	ng/ul	67255	4	17.730	345740	20.0
4H-Cyclopenta[d...	18.794	7.5	ng/ul	129986	4	17.730	345740	20.0
5,16[1',2']:8,1...	19.076	2.3	ng/ul	39452	4	17.730	345740	20.0
Pyrene, 1-methyl-	20.603	4.5	ng/ul	153061	5	22.042	687229	20.0
11H-Benzo[b]flu...	20.703	2.7	ng/ul	92657	5	22.042	687229	20.0
6-Bromo-3,4-dih...	22.259	2.0	ng/ul	69483	5	22.042	687229	20.0
Perylene	25.238	8.3	ng/ul	132300	6	25.567	317430	20.0