

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
 Data File : BG057302.D
 Acq On : 4 May 2023 13:58
 Operator : CG/JU
 Sample : 02447-16DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW936DL

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: BG057302.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.117	94	98	102	rBV3	3331	5226	0.81%	0.083%
2	4.205	110	113	117	rVV4	2723	3717	0.57%	0.059%
3	7.512	670	676	682	rVV2	6548	10709	1.65%	0.170%
4	7.677	700	704	710	rVB3	4655	8509	1.31%	0.135%
5	7.900	738	742	747	rBV2	6088	9009	1.39%	0.143%
6	8.376	815	823	829	rBV2	42935	71088	10.96%	1.126%
7	9.075	938	942	948	rBV2	7120	11516	1.78%	0.182%
8	9.551	1017	1023	1030	rBB2	5838	11067	1.71%	0.175%
9	10.285	1143	1148	1152	rBB3	4620	7747	1.19%	0.123%
10	10.831	1236	1241	1248	rBV3	7583	13100	2.02%	0.207%
11	11.213	1297	1306	1313	rBV	64443	112425	17.34%	1.781%
12	11.348	1323	1329	1336	rVB2	3239	5796	0.89%	0.092%
13	12.846	1580	1584	1589	rBV3	986	1647	0.25%	0.026%
14	13.058	1617	1620	1626	rBV2	1274	1942	0.30%	0.031%
15	14.368	1837	1843	1850	rVV	22647	32671	5.04%	0.517%
16	14.685	1891	1897	1904	rVB	24040	38370	5.92%	0.608%
17	14.990	1943	1949	1955	rBV	130933	204265	31.50%	3.235%
18	15.055	1955	1960	1965	rVB	15539	22672	3.50%	0.359%
19	15.190	1978	1983	1991	rVB3	3235	6398	0.99%	0.101%
20	15.384	2011	2016	2020	rBV	7558	10740	1.66%	0.170%
21	15.971	2111	2116	2121	rBV	36569	51562	7.95%	0.817%
22	16.030	2121	2126	2135	rVB	17146	26589	4.10%	0.421%
23	16.095	2135	2137	2140	rBV2	2148	2385	0.37%	0.038%
24	16.318	2170	2175	2181	rBV	14528	21871	3.37%	0.346%
25	16.465	2196	2200	2207	rVB	3753	7106	1.10%	0.113%
26	16.659	2230	2233	2238	rVV3	2726	3654	0.56%	0.058%
27	17.029	2290	2296	2299	rVB5	2041	3718	0.57%	0.059%
28	17.076	2301	2304	2310	rVB3	1229	1739	0.27%	0.028%
29	17.258	2327	2335	2337	rBV5	1205	2752	0.42%	0.044%
30	17.381	2351	2356	2361	rBV3	6828	10933	1.69%	0.173%
31	17.422	2361	2363	2365	rVV	1940	1978	0.31%	0.031%
32	17.446	2365	2367	2370	rVV4	1918	2386	0.37%	0.038%
33	17.546	2378	2384	2390	rVB	7824	11841	1.83%	0.188%
34	17.728	2409	2415	2419	rVV	186209	300133	46.29%	4.754%
35	17.769	2419	2422	2428	rVV	248695	356730	55.01%	5.650%
36	17.828	2428	2432	2435	rVV	45296	71228	10.98%	1.128%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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37	17.863	2435	2438	2444	rVV	53697	71885	11.09%	1.139%
38	17.922	2444	2448	2456	rVB2	4192	7316	1.13%	0.116%
39	18.039	2466	2468	2471	rVB3	1870	2118	0.33%	0.034%
40	18.127	2475	2483	2487	rBV2	25478	43039	6.64%	0.682%
41	18.162	2487	2489	2491	rVB4	2537	2125	0.33%	0.034%
42	18.233	2496	2501	2506	rVB3	3848	5660	0.87%	0.090%
43	18.315	2508	2515	2518	rBV4	2108	3637	0.56%	0.058%
44	18.591	2557	2562	2567	rBV	18785	30262	4.67%	0.479%
45	18.644	2567	2571	2576	rVB	28434	40290	6.21%	0.638%
46	18.720	2579	2584	2590	rBV3	8590	14436	2.23%	0.229%
47	18.797	2590	2597	2600	rBV2	42037	73719	11.37%	1.168%
48	18.926	2617	2619	2624	rBV2	2915	3588	0.55%	0.057%
49	19.026	2631	2636	2639	rBV4	2626	4055	0.63%	0.064%
50	19.079	2639	2645	2649	rBV	20206	28787	4.44%	0.456%
51	19.132	2649	2654	2659	rVB	18906	27318	4.21%	0.433%
52	19.196	2662	2665	2670	rBV5	2753	3556	0.55%	0.056%
53	19.320	2682	2686	2691	rVB7	4863	6961	1.07%	0.110%
54	19.378	2691	2696	2697	rBV3	4399	5959	0.92%	0.094%
55	19.408	2699	2701	2705	rVB2	3511	4370	0.67%	0.069%
56	19.490	2705	2715	2721	rBV6	10242	23115	3.56%	0.366%
57	19.537	2721	2723	2724	rVV2	2796	1853	0.29%	0.029%
58	19.566	2724	2728	2733	rVV6	4325	7943	1.22%	0.126%
59	19.643	2736	2741	2748	rVB4	9942	18393	2.84%	0.291%
60	19.696	2748	2750	2752	rBV3	1743	1639	0.25%	0.026%
61	19.760	2755	2761	2767	rVV	477114	648439	100.00%	10.271%
62	19.801	2767	2768	2771	rVB3	4351	3895	0.60%	0.062%
63	19.848	2771	2776	2782	rBV4	7625	14223	2.19%	0.225%
64	19.948	2788	2793	2796	rBV5	9115	15260	2.35%	0.242%
65	20.001	2796	2802	2810	rVB4	10606	25604	3.95%	0.406%
66	20.089	2811	2817	2819	rBV3	115408	185390	28.59%	2.936%
67	20.124	2819	2823	2829	rVV	359404	515272	79.46%	8.162%
68	20.177	2829	2832	2836	rVB2	14138	17988	2.77%	0.285%
69	20.289	2847	2851	2856	rVB	18091	23821	3.67%	0.377%
70	20.359	2859	2863	2868	rBV	21783	31096	4.80%	0.493%
71	20.430	2869	2875	2882	rBV5	20557	52360	8.07%	0.829%
72	20.489	2882	2885	2891	rVV	8786	13164	2.03%	0.209%
73	20.571	2893	2899	2900	rVV5	15777	28586	4.41%	0.453%
74	20.600	2900	2904	2910	rVB	48019	76881	11.86%	1.218%
75	20.700	2916	2921	2925	rBV2	39294	59807	9.22%	0.947%
76	20.765	2928	2932	2935	rVV2	23221	37601	5.80%	0.596%

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77	20.794	2935	2937	2941	rVB4	13048	14980	2.31%	0.237%
78	20.906	2953	2956	2959	rBV2	14420	19300	2.98%	0.306%
79	21.340	3028	3030	3031	rBV2	5594	3862	0.60%	0.061%
80	21.393	3035	3039	3048	rVB	25405	44172	6.81%	0.700%
81	21.593	3067	3073	3076	rBV3	26983	51707	7.97%	0.819%
82	21.634	3078	3080	3086	rVB3	27559	33257	5.13%	0.527%
83	21.699	3086	3091	3096	rBV4	36476	76523	11.80%	1.212%
84	22.034	3140	3148	3154	rBV4	217331	616156	95.02%	9.760%
85	22.092	3154	3158	3168	rVB	144915	257063	39.64%	4.072%
86	22.257	3181	3186	3193	rBV2	34008	64031	9.87%	1.014%
87	22.486	3219	3225	3232	rVB3	23589	50144	7.73%	0.794%
88	22.903	3292	3296	3303	rVB6	10317	21532	3.32%	0.341%
89	24.266	3526	3528	3529	rBV2	4737	3671	0.57%	0.058%
90	24.348	3541	3542	3543	rBV	4608	2705	0.42%	0.043%
91	24.442	3548	3558	3565	rBV2	115838	394482	60.84%	6.248%
92	24.706	3598	3603	3604	rBV5	20376	23679	3.65%	0.375%
93	25.235	3685	3693	3702	rBV	58373	164223	25.33%	2.601%
94	25.317	3702	3707	3711	rVV2	20858	49865	7.69%	0.790%
95	25.394	3713	3720	3731	rVB	93309	256147	39.50%	4.057%
96	25.564	3740	3749	3758	rBV2	90246	270162	41.66%	4.279%
97	29.623	4428	4440	4441	rBV	37208	102207	15.76%	1.619%
98	30.234	4542	4544	4545	rBV2	4417	3188	0.49%	0.050%
99	30.904	4643	4658	4673	rBV2	28296	141017	21.75%	2.234%
100	32.237	4883	4885	4887	rBV3	3385	2681	0.41%	0.042%

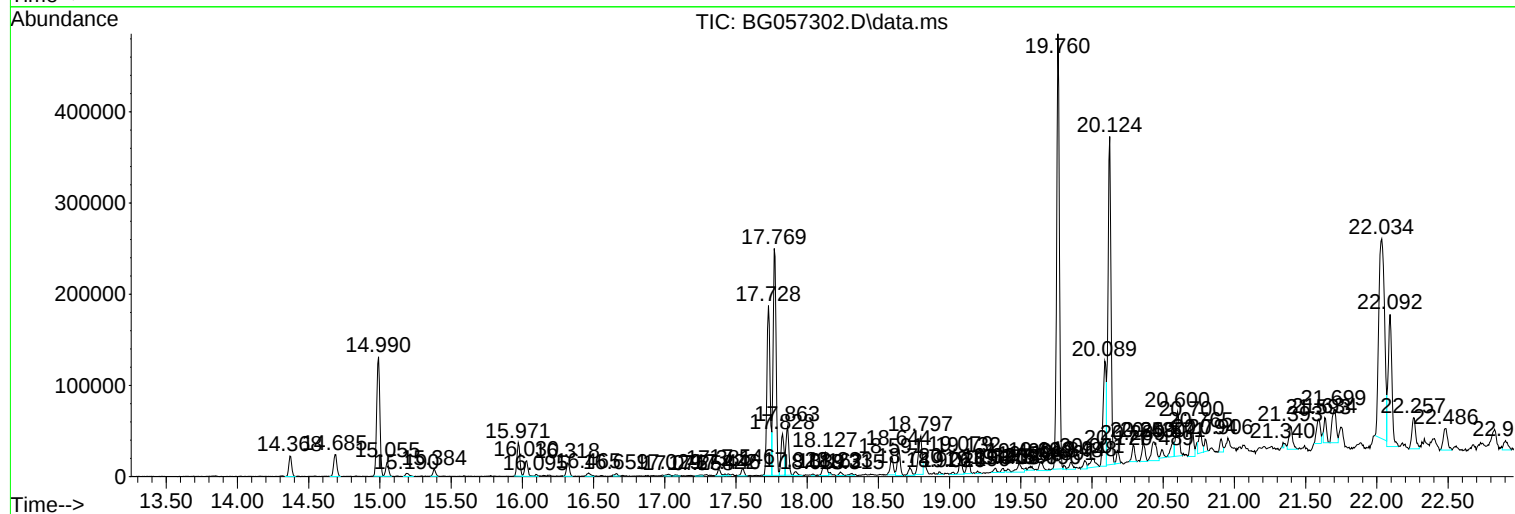
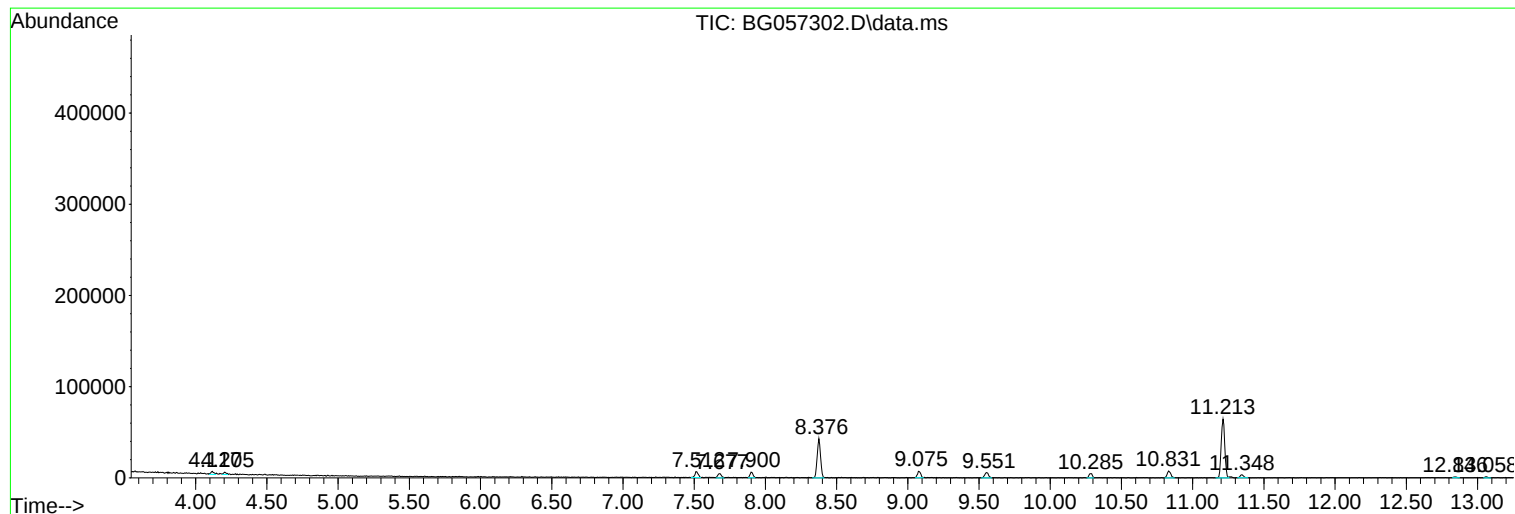
Sum of corrected areas: 6313384

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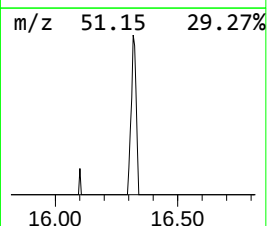
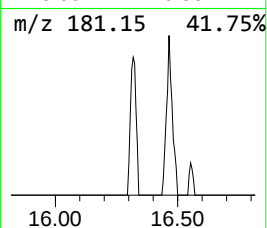
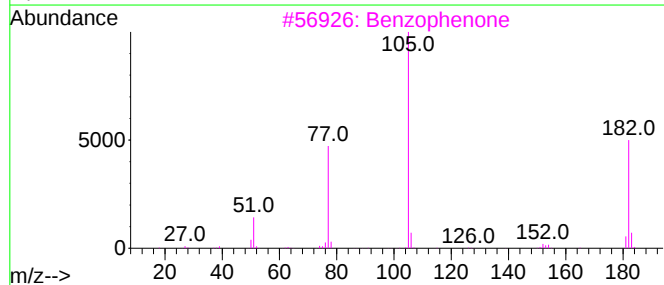
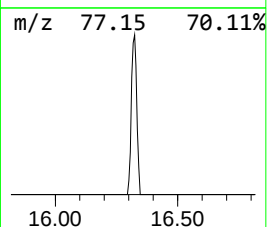
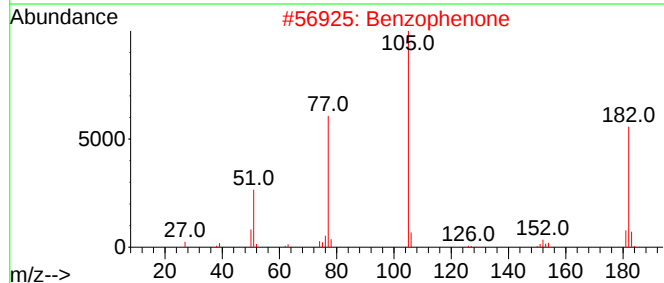
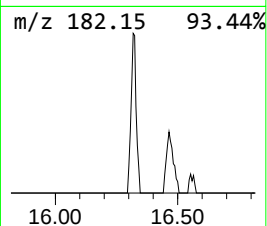
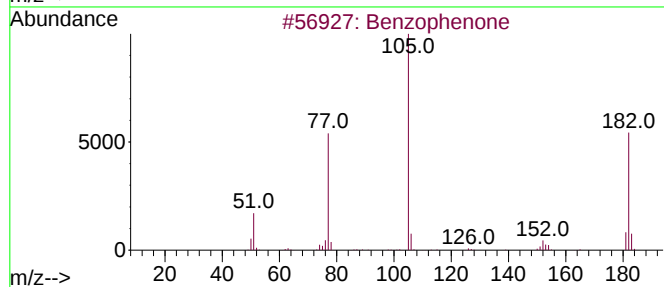
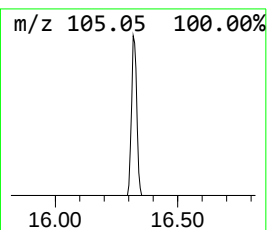
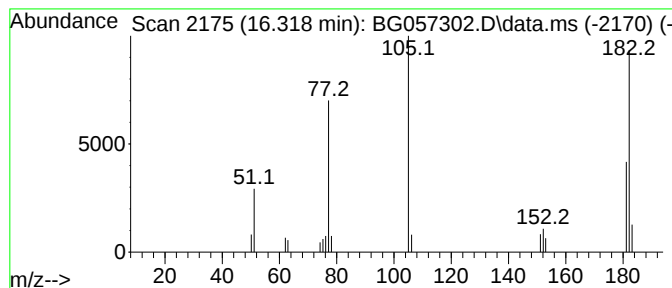
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.318	2.14 ng/ul	21871	Acenaphthene-d10	14.990

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	74
2			Benzophenone	182	C13H10O	000119-61-9	72
3			Benzophenone	182	C13H10O	000119-61-9	64
4			2-Hydroxyfluorene	182	C13H10O	002443-58-5	47
5			9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	47



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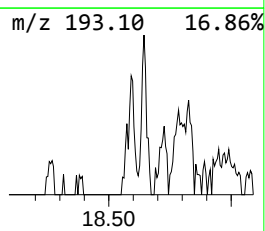
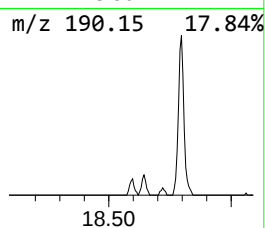
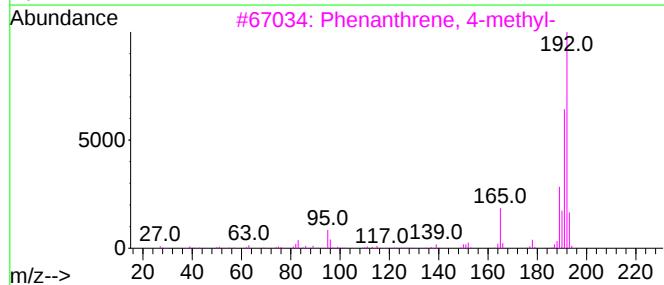
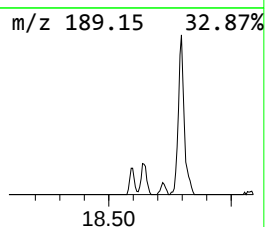
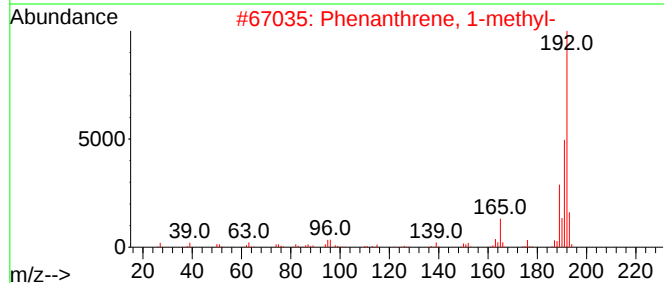
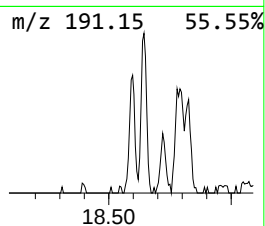
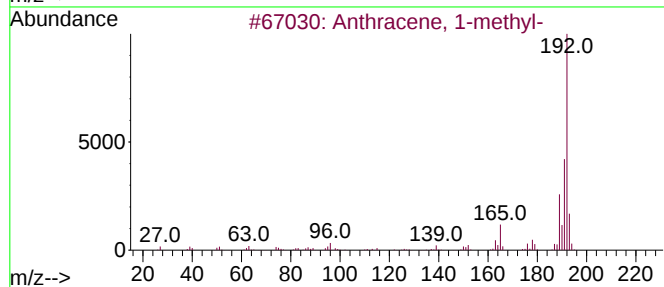
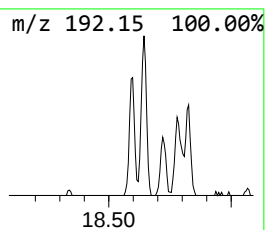
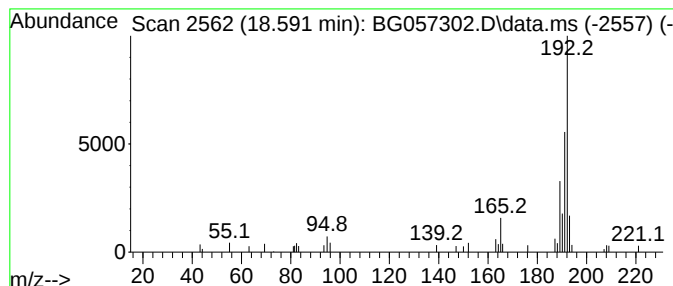
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.591	2.02 ng/ul	30262	Phenanthrene-d10	17.728

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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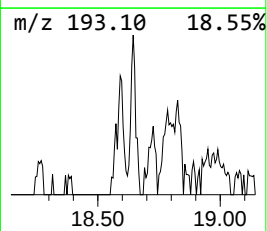
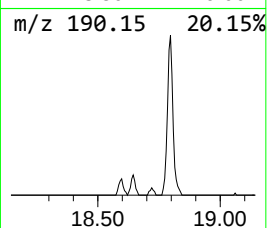
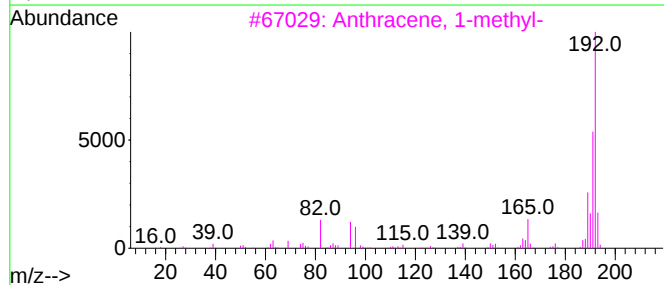
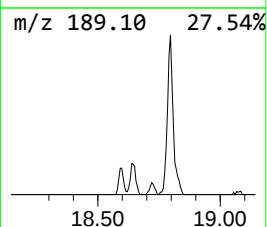
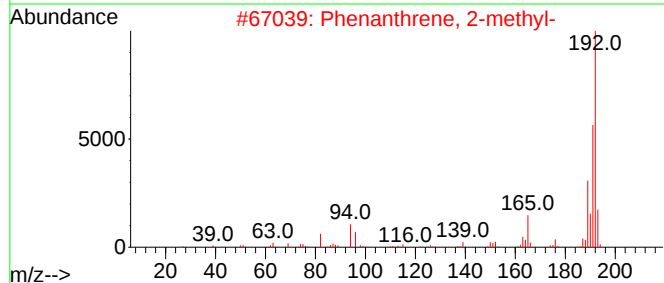
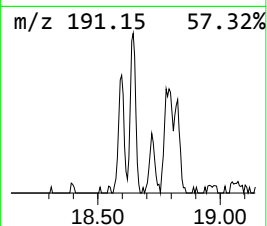
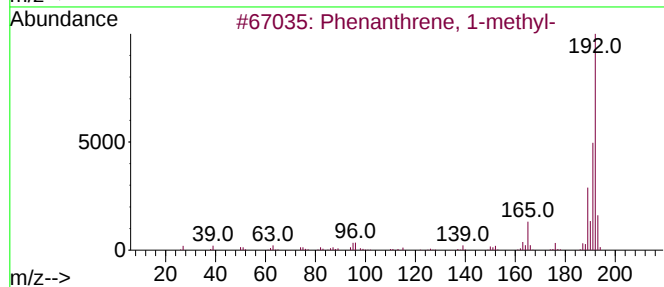
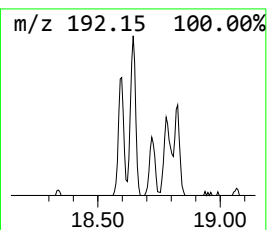
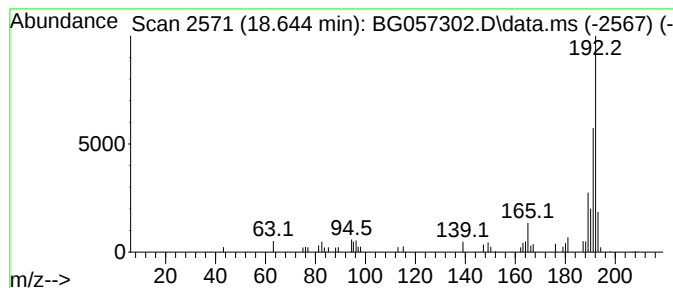
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.644	2.68 ng/ul	40290	Phenanthrene-d10	17.728

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	93
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057302.D
Acq On : 4 May 2023 13:58
Operator : CG/JU
Sample : 02447-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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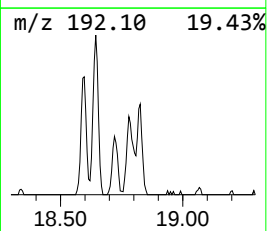
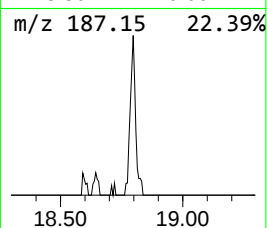
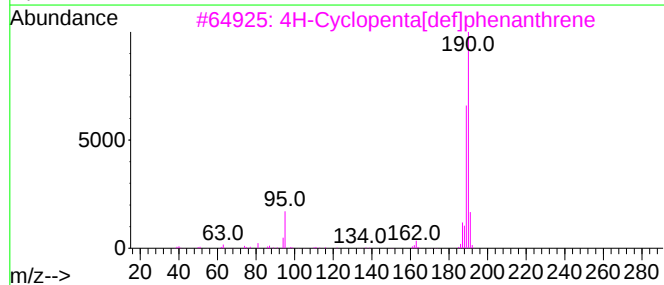
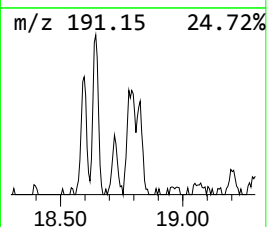
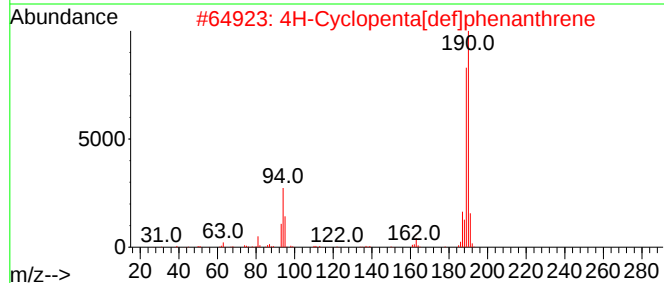
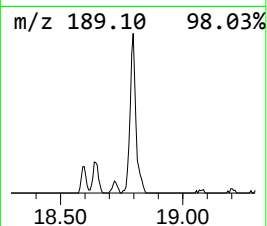
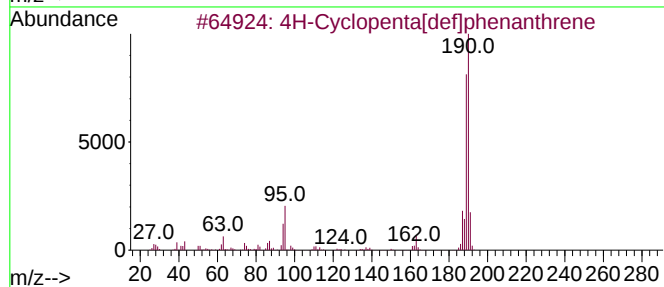
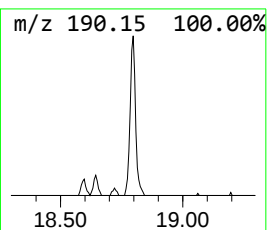
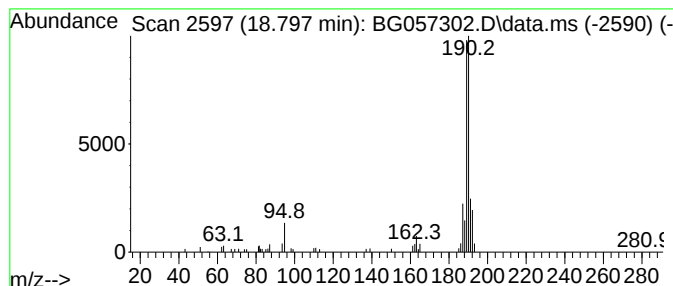
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.797	4.91 ng/ul	73719	Phenanthrene-d10	17.728

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	74
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5			1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057302.D
Acq On : 4 May 2023 13:58
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Sample : 02447-16DL 5X
Misc :
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Instrument :
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ClientSampleId :
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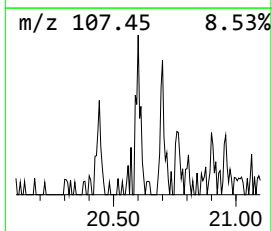
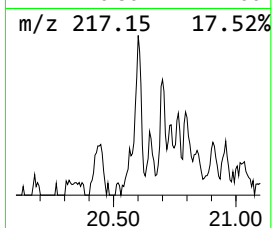
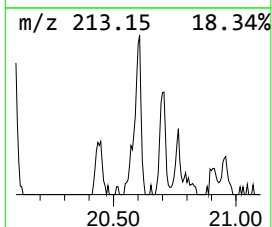
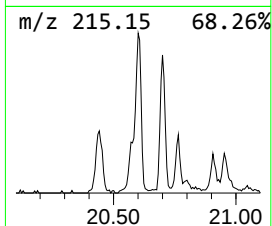
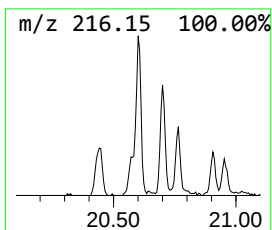
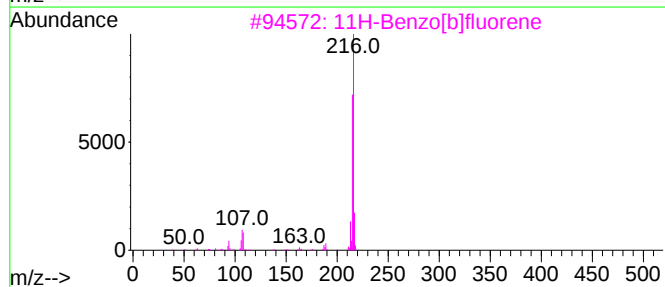
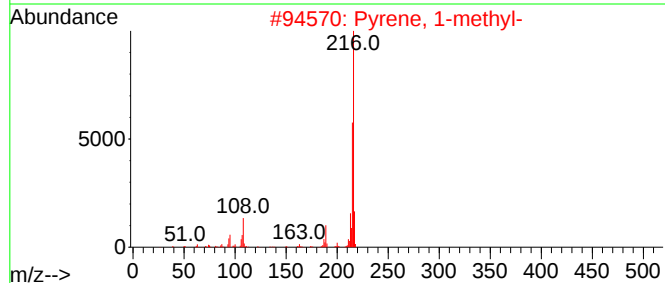
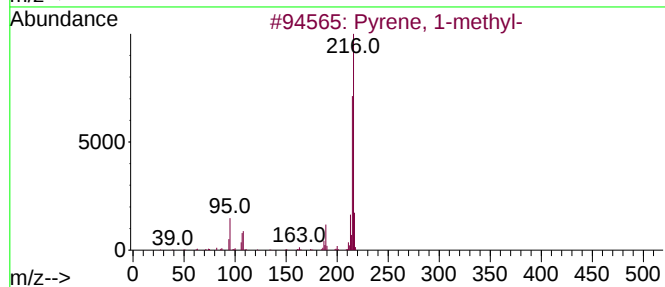
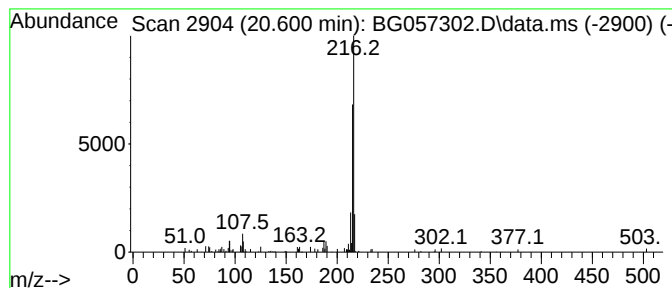
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.600	2.50 ng/ul	76881	Chrysene-d12	22.045

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057302.D
Acq On : 4 May 2023 13:58
Operator : CG/JU
Sample : 02447-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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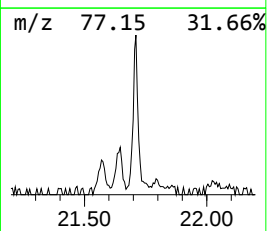
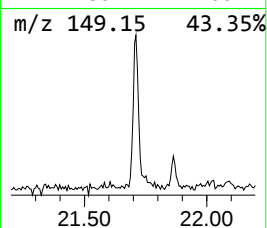
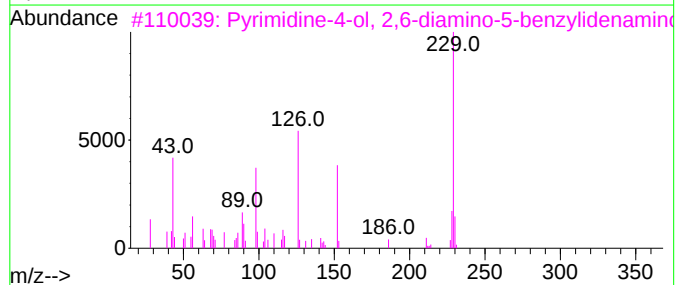
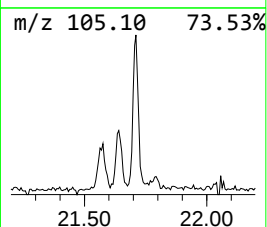
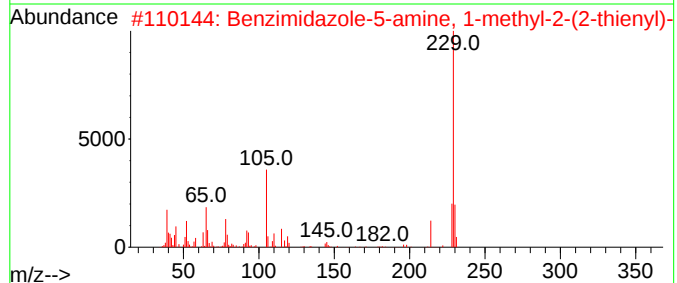
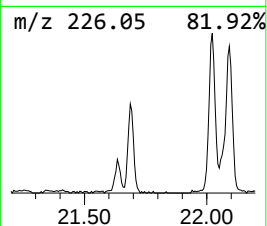
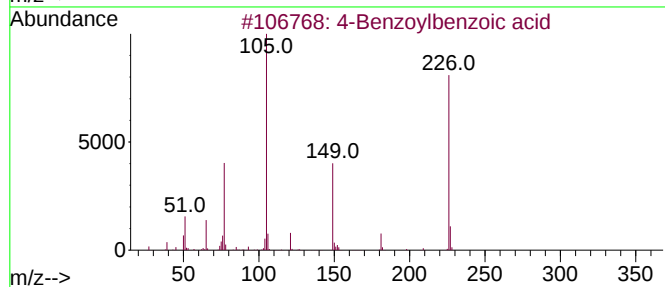
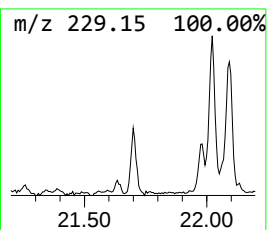
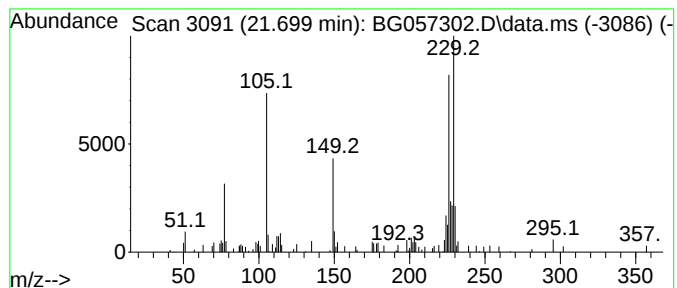
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.699	2.48 ng/ul	76523	Chrysene-d12	22.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Benzoylbenzoic acid	226	C14H10O3	000611-95-0	35
2			Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	27
3			Pyrimidine-4-ol, 2,6-diamino-5-b...	229	C11H11N5O	025477-74-1	27
4			2-(3-Fluorophenyl)-1,3-benzothia...	229	C13H8FNS	1000298-18-6	27
5			Benz[c]acridine	229	C17H11N	000225-51-4	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057302.D
Acq On : 4 May 2023 13:58
Operator : CG/JU
Sample : 02447-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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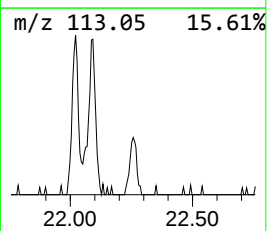
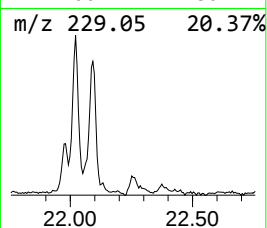
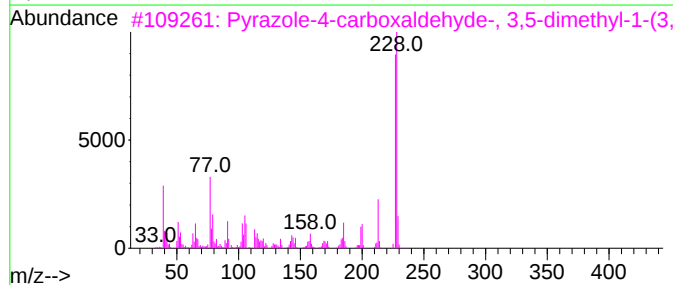
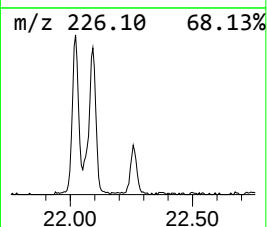
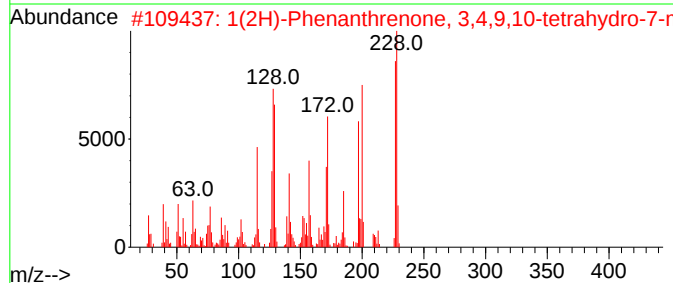
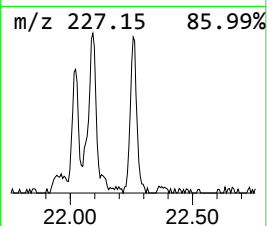
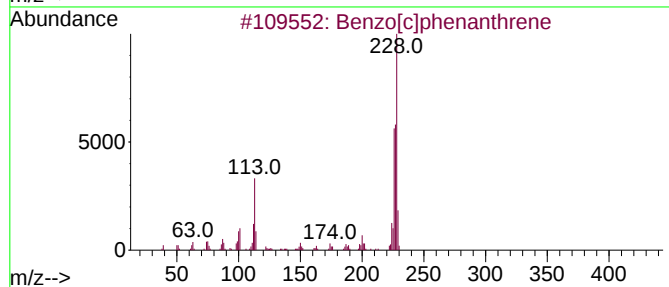
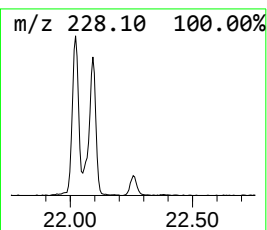
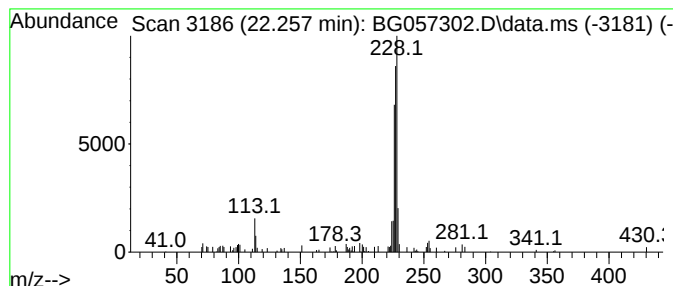
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzo[c]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.257	2.08 ng/ul	64031	Chrysene-d12	22.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]phenanthrene	228	C18H12	000195-19-7	76
2			1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	53
3			Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	53
4			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	53
5			Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
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Misc :
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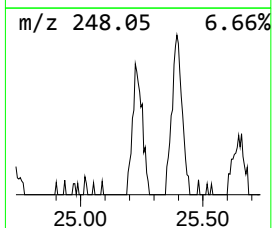
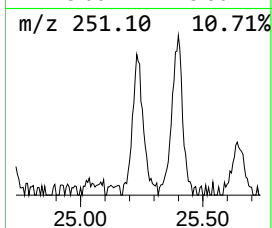
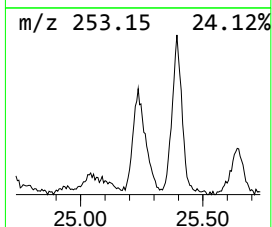
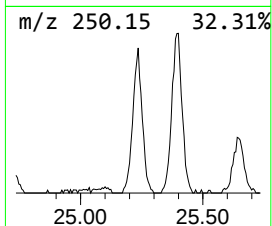
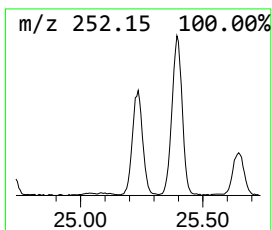
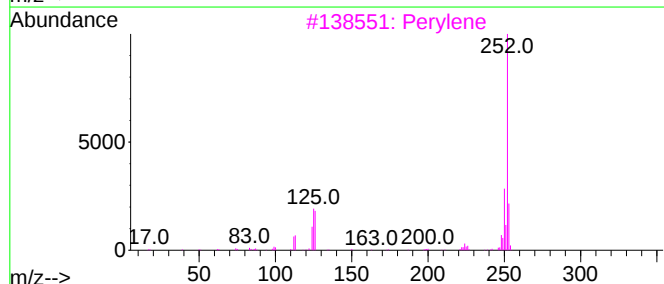
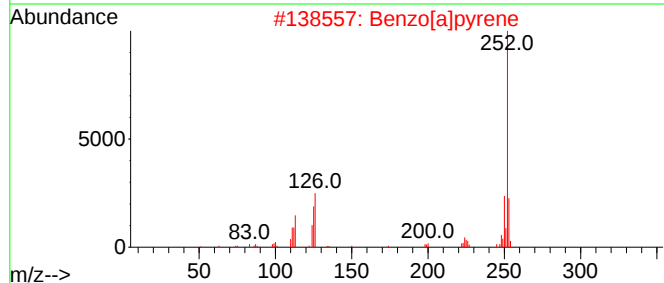
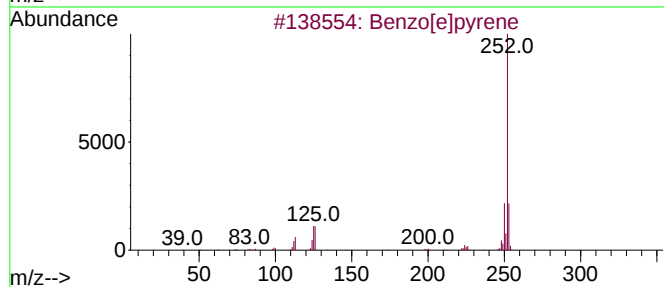
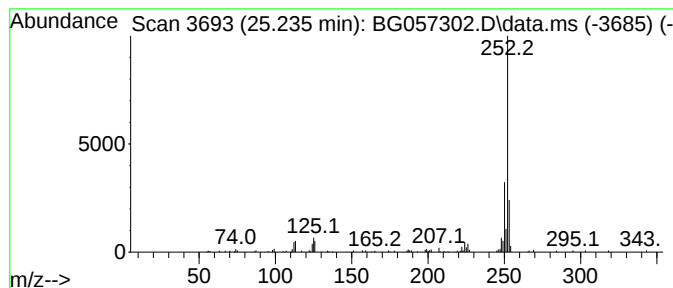
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
25.235	12.16 ng/ul	164223	Perylene-d12	25.564	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
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Acq On : 4 May 2023 13:58
Operator : CG/JU
Sample : 02447-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW936DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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
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Anthracene, 1-m...	18.591	2.0	ng/u1	30262	4	17.728	300133	20.0
Phenanthrene, 1...	18.644	2.7	ng/u1	40290	4	17.728	300133	20.0
4H-Cyclopenta[d...	18.797	4.9	ng/u1	73719	4	17.728	300133	20.0
Pyrene, 1-methyl-	20.600	2.5	ng/u1	76881	5	22.045	616156	20.0
unknown-01	21.699	2.5	ng/u1	76523	5	22.045	616156	20.0
Benzo[c]phenant...	22.257	2.1	ng/u1	64031	5	22.045	616156	20.0
Benzo[e]pyrene	25.235	12.2	ng/u1	164223	6	25.564	270162	20.0