

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057254.D
 Acq On : 1 May 2023 16:58
 Operator : CG/JU
 Sample : 02418-30DL 30X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW904DL

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: BG057254.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.379	817	824	831	rVB	68614	110101	8.38%	0.944%
2	11.216	1300	1307	1314	rBV	95912	169153	12.87%	1.450%
3	14.371	1839	1844	1850	rBV2	3465	5023	0.38%	0.043%
4	14.694	1894	1899	1903	rBV	3039	4785	0.36%	0.041%
5	14.993	1944	1950	1956	rVB	163134	245048	18.65%	2.101%
6	15.058	1956	1961	1967	rVB2	11746	16952	1.29%	0.145%
7	15.387	2011	2017	2022	rBV	8228	11412	0.87%	0.098%
8	15.974	2112	2117	2122	rBV	4297	5940	0.45%	0.051%
9	16.033	2122	2127	2136	rVB3	20726	31682	2.41%	0.272%
10	16.315	2172	2175	2182	rVB3	5122	8407	0.64%	0.072%
11	16.468	2195	2201	2210	rVB	4378	9379	0.71%	0.080%
12	17.032	2293	2297	2301	rVV2	4601	6528	0.50%	0.056%
13	17.255	2329	2335	2338	rBV3	2453	4277	0.33%	0.037%
14	17.290	2338	2341	2347	rVV2	2526	4722	0.36%	0.040%
15	17.384	2351	2357	2363	rVB2	6551	10520	0.80%	0.090%
16	17.443	2363	2367	2371	rBV2	2486	4897	0.37%	0.042%
17	17.555	2381	2386	2391	rBV	11988	17638	1.34%	0.151%
18	17.731	2410	2416	2420	rBV	195130	304297	23.16%	2.609%
19	17.778	2420	2424	2430	rVV	321707	482262	36.70%	4.134%
20	17.831	2430	2433	2434	rVV2	6340	6654	0.51%	0.057%
21	17.866	2434	2439	2445	rVV	63986	96658	7.36%	0.829%
22	17.919	2445	2448	2453	rVB2	3018	4764	0.36%	0.041%
23	18.130	2476	2484	2495	rBV3	17452	31851	2.42%	0.273%
24	18.236	2499	2502	2511	rBV3	5674	8699	0.66%	0.075%
25	18.307	2511	2514	2518	rBV3	4172	6269	0.48%	0.054%
26	18.600	2559	2564	2568	rBV	31993	45576	3.47%	0.391%
27	18.647	2568	2572	2578	rVB	45762	63888	4.86%	0.548%
28	18.730	2578	2586	2591	rBV2	12359	20888	1.59%	0.179%
29	18.800	2591	2598	2602	rBV2	66784	127793	9.73%	1.096%
30	18.935	2616	2621	2625	rVV4	2594	4111	0.31%	0.035%
31	19.082	2642	2646	2650	rVV	29851	40886	3.11%	0.350%
32	19.135	2650	2655	2661	rVB	22086	33598	2.56%	0.288%
33	19.329	2684	2688	2692	rVV4	5943	7957	0.61%	0.068%
34	19.376	2692	2696	2699	rBV2	6143	7394	0.56%	0.063%
35	19.417	2699	2703	2707	rVB6	5678	8508	0.65%	0.073%
36	19.499	2709	2717	2720	rBV	13747	22991	1.75%	0.197%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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37	19.646	2736	2742	2748	rBV	35176	56700	4.32%	0.486%
38	19.769	2755	2763	2769	rBV	928841	1314001	100.00%	11.264%
39	19.852	2774	2777	2783	rVB3	12165	18192	1.38%	0.156%
40	19.916	2783	2788	2791	rBV5	3814	6952	0.53%	0.060%

41	19.951	2791	2794	2797	rBV5	6232	8436	0.64%	0.072%
42	20.010	2797	2804	2811	rVB2	22843	44268	3.37%	0.379%
43	20.092	2812	2818	2820	rBV2	118799	195032	14.84%	1.672%
44	20.128	2820	2824	2830	rVV	686345	999109	76.04%	8.565%
45	20.186	2830	2834	2839	rVB2	25498	35203	2.68%	0.302%

46	20.292	2847	2852	2857	rVB	33495	47952	3.65%	0.411%
47	20.363	2859	2864	2869	rVB	31146	44261	3.37%	0.379%
48	20.433	2869	2876	2883	rBV3	36068	90792	6.91%	0.778%
49	20.498	2883	2887	2891	rVB	10982	15379	1.17%	0.132%
50	20.604	2893	2905	2910	rBV	72610	159866	12.17%	1.370%

51	20.703	2917	2922	2926	rVV	50065	70887	5.39%	0.608%
52	20.768	2926	2933	2936	rVV2	43039	84936	6.46%	0.728%
53	20.803	2936	2939	2942	rVV	29407	37145	2.83%	0.318%
54	20.838	2943	2945	2952	rVB6	10531	15784	1.20%	0.135%
55	20.909	2953	2957	2961	rBV	26151	37509	2.85%	0.322%

56	20.956	2961	2965	2971	rVB	23356	38514	2.93%	0.330%
57	21.173	2997	3002	3004	rBV6	6479	11276	0.86%	0.097%
58	21.267	3013	3018	3021	rBV3	10615	14142	1.08%	0.121%
59	21.344	3028	3031	3035	rBV6	6539	10853	0.83%	0.093%
60	21.402	3035	3041	3048	rVB	65013	104204	7.93%	0.893%

61	21.596	3065	3074	3078	rBV3	83046	170872	13.00%	1.465%
62	21.637	3078	3081	3086	rVV	49349	78309	5.96%	0.671%
63	21.696	3086	3091	3096	rVV2	66951	129405	9.85%	1.109%
64	21.755	3096	3101	3107	rVB2	65711	117417	8.94%	1.007%
65	21.890	3116	3124	3130	rBV2	21184	50627	3.85%	0.434%

66	22.031	3135	3148	3155	rVV2	419981	1115458	84.89%	9.562%
67	22.101	3155	3160	3171	rVB	328250	611497	46.54%	5.242%
68	22.195	3173	3176	3181	rVB7	4435	8075	0.61%	0.069%
69	22.266	3182	3188	3195	rBV	59863	108595	8.26%	0.931%
70	22.336	3195	3200	3204	rBV7	17239	31942	2.43%	0.274%

71	22.413	3209	3213	3219	rVB	23628	42210	3.21%	0.362%
72	22.483	3219	3225	3231	rBV2	49781	98573	7.50%	0.845%
73	22.554	3232	3237	3242	rBV9	8149	16253	1.24%	0.139%
74	22.830	3276	3284	3291	rVB	34196	77755	5.92%	0.667%
75	22.906	3293	3297	3306	rVB3	20094	44311	3.37%	0.380%

76	23.006	3308	3314	3320	rBV4	12223	26399	2.01%	0.226%
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 Title : SVOA CALIBRATION

77	23.065	3320	3324	3329	rVB5	10322	15778	1.20%	0.135%
78	23.130	3330	3335	3340	rBV2	23945	54938	4.18%	0.471%
79	23.282	3354	3361	3367	rVB2	19178	42695	3.25%	0.366%
80	23.576	3404	3411	3419	rBV9	12892	44671	3.40%	0.383%
81	23.746	3437	3440	3441	rBV2	4289	4213	0.32%	0.036%
82	24.017	3480	3486	3487	rBV3	17027	28466	2.17%	0.244%
83	24.445	3547	3559	3567	rBV	266099	947140	72.08%	8.119%
84	24.727	3601	3607	3615	rVB2	35281	84495	6.43%	0.724%
85	24.945	3636	3644	3656	rBV7	15942	64509	4.91%	0.553%
86	25.033	3656	3659	3660	rBV3	5064	5016	0.38%	0.043%
87	25.244	3685	3695	3708	rVB	139432	437028	33.26%	3.746%
88	25.403	3712	3722	3732	rVV	186295	531489	40.45%	4.556%
89	25.497	3732	3738	3740	rVV6	8144	15128	1.15%	0.130%
90	25.567	3742	3750	3758	rVV2	94196	298633	22.73%	2.560%
91	25.655	3758	3765	3777	rVB	64309	205631	15.65%	1.763%
92	26.407	3891	3893	3895	rBV3	4018	4226	0.32%	0.036%
93	26.731	3942	3948	3957	rVB10	11970	36628	2.79%	0.314%
94	27.089	4003	4009	4018	rVB6	12276	35436	2.70%	0.304%
95	29.104	4347	4352	4354	rBV4	7268	11748	0.89%	0.101%
96	29.632	4429	4442	4463	rVB2	86916	454767	34.61%	3.899%
97	30.290	4550	4554	4555	rBV4	7175	8739	0.67%	0.075%
98	30.455	4578	4582	4587	rBV7	3501	6801	0.52%	0.058%
99	30.907	4645	4659	4660	rBV	49781	141094	10.74%	1.210%
100	31.553	4766	4769	4770	rBV3	4905	5280	0.40%	0.045%

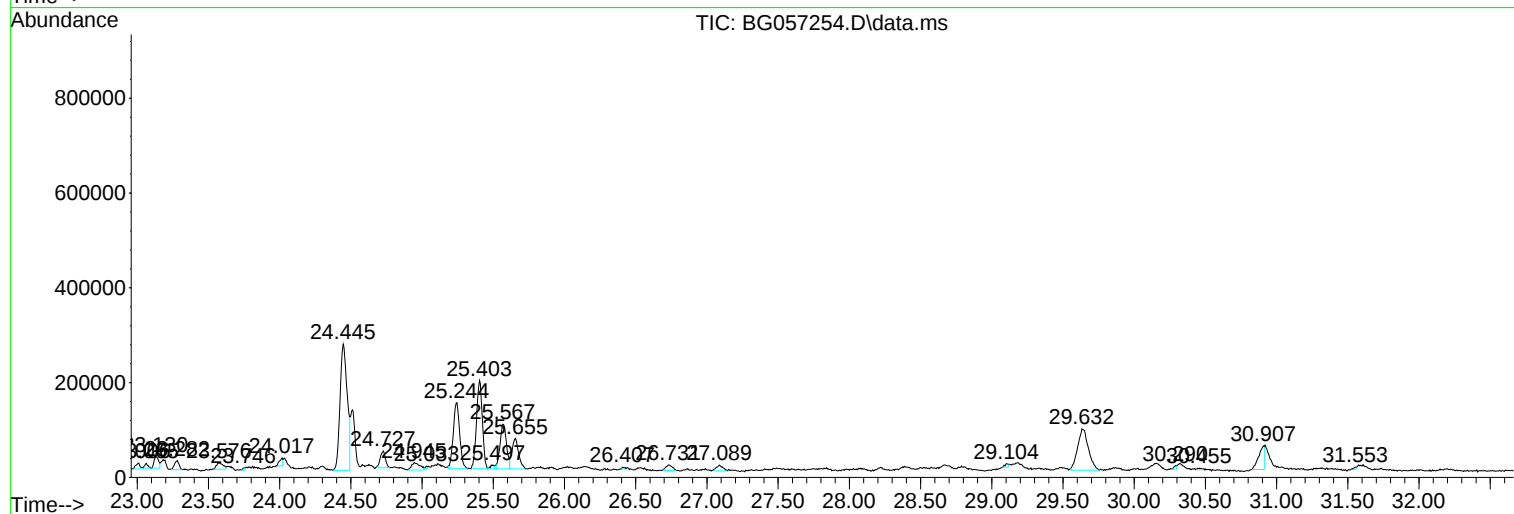
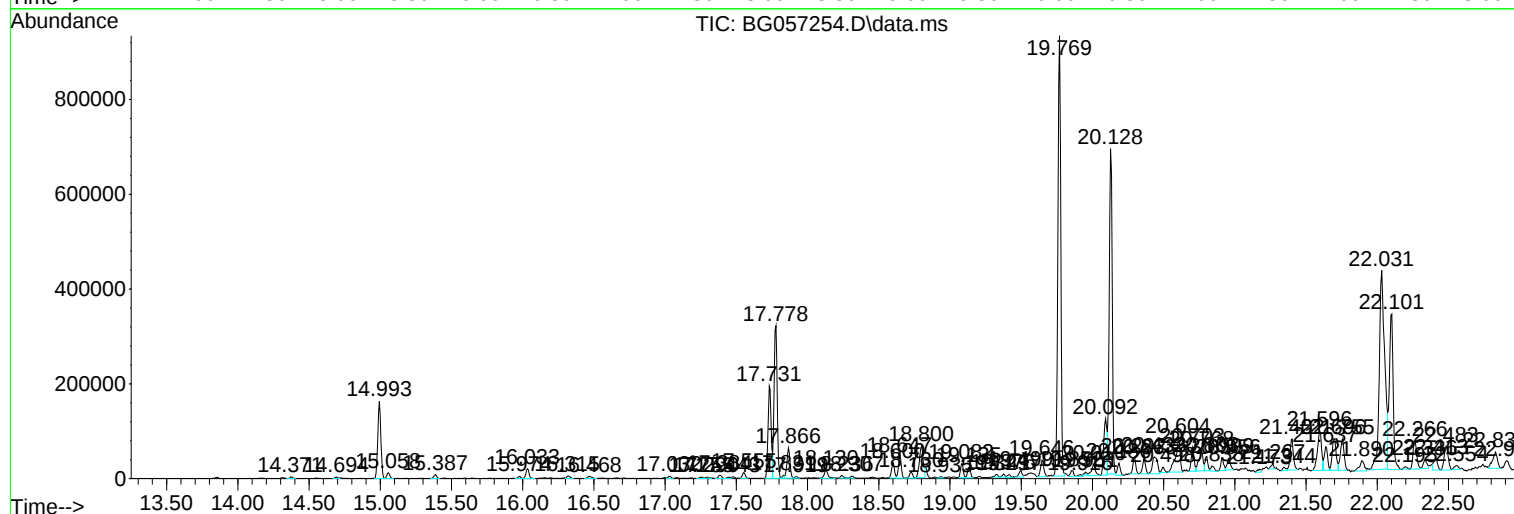
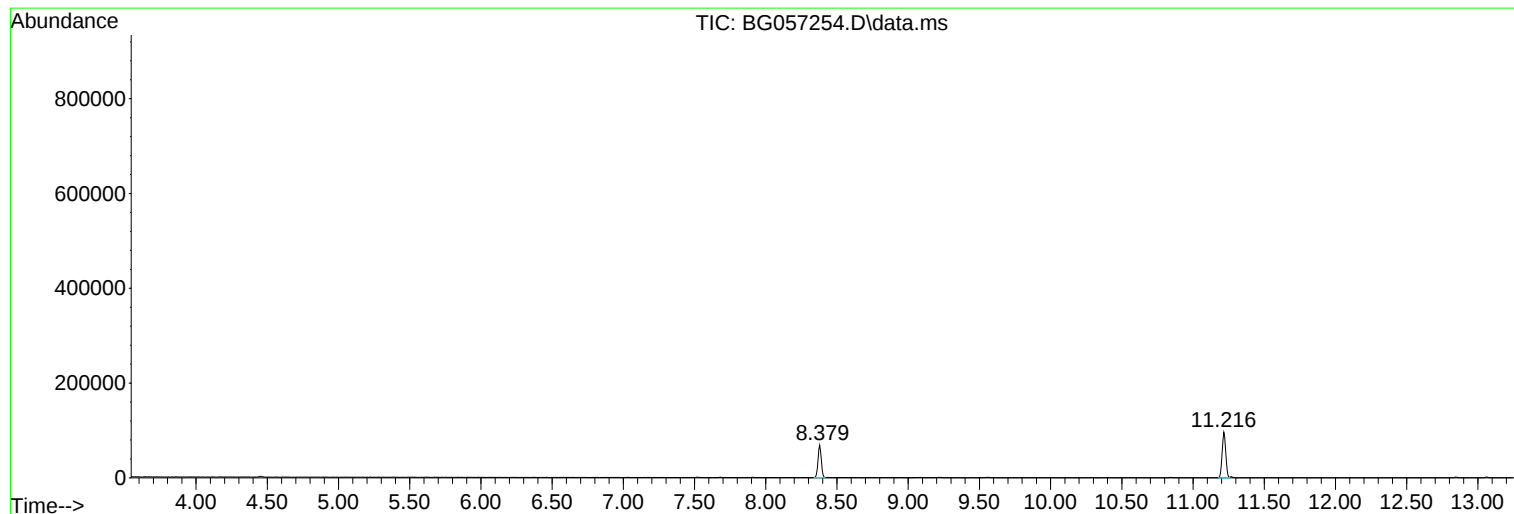
Sum of corrected areas: 11665148

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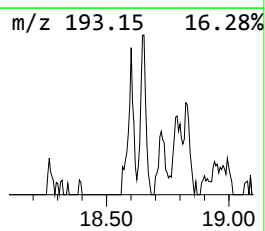
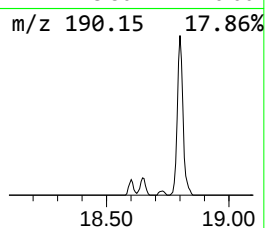
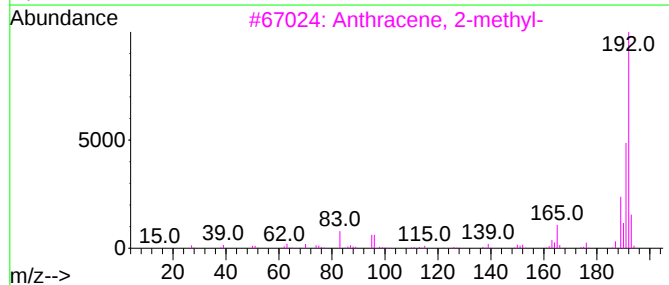
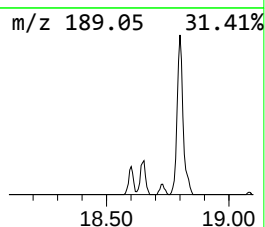
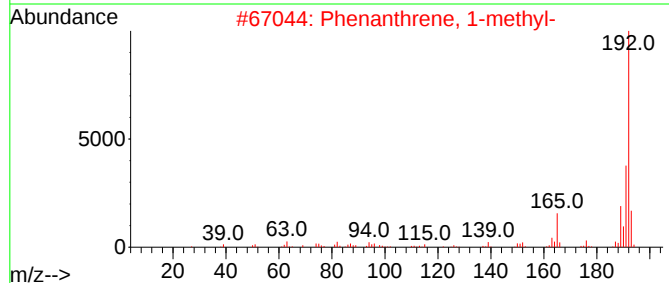
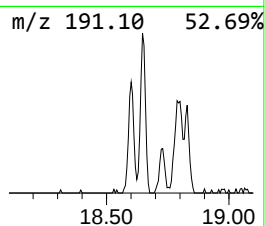
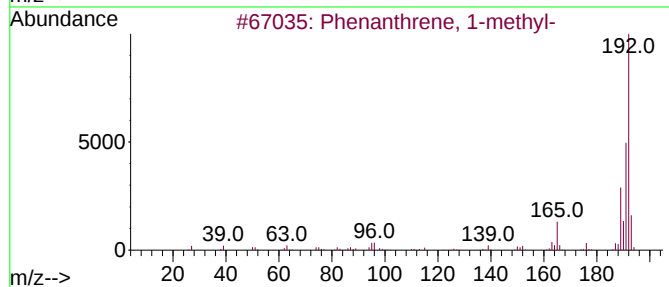
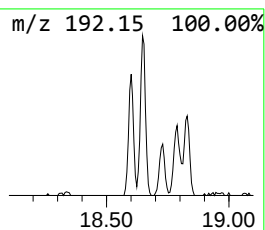
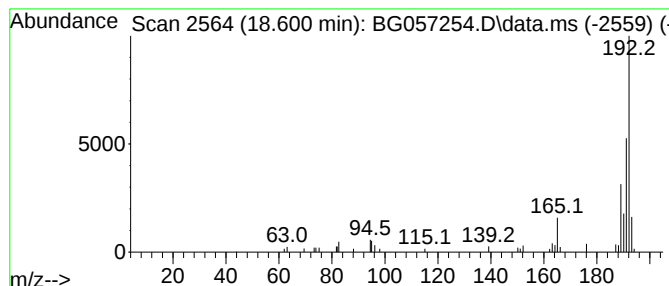
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.600	3.00 ng/ul	45576	Phenanthrene-d10	17.731

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



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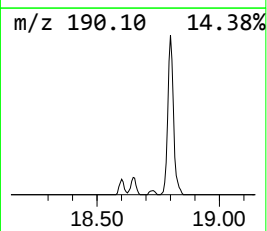
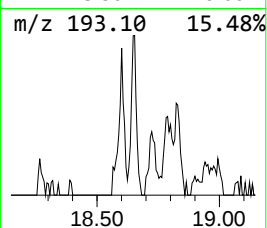
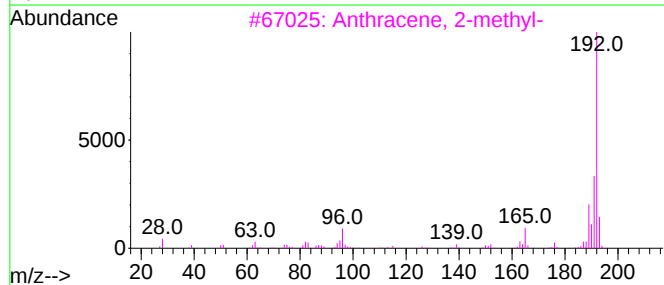
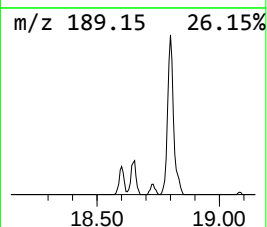
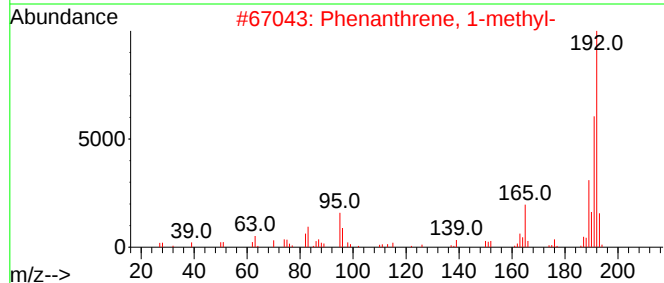
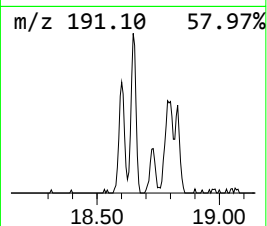
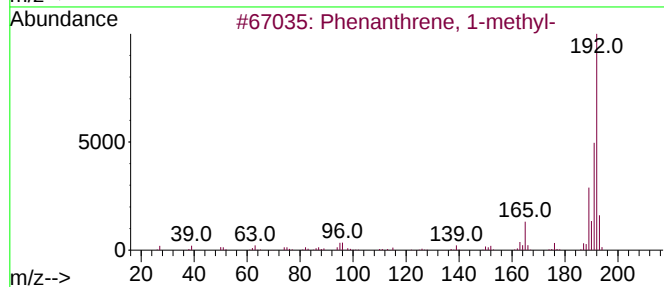
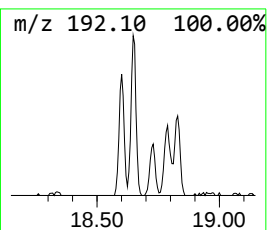
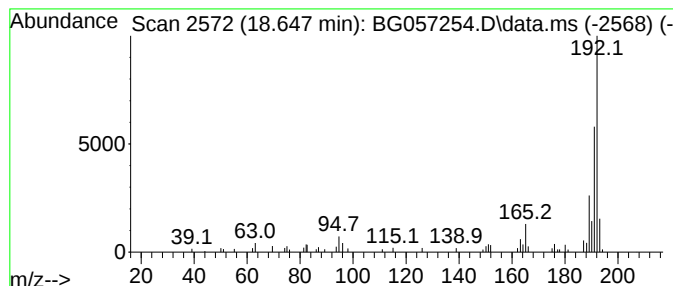
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.647	4.20 ng/ul	63888	Phenanthrene-d10	17.731

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



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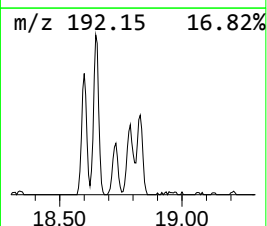
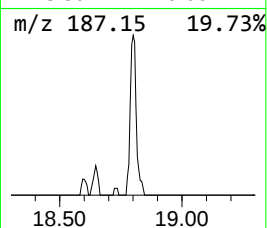
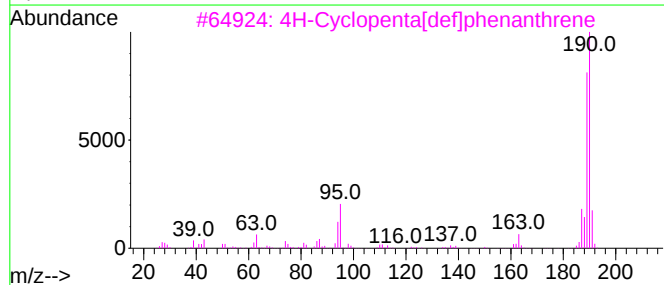
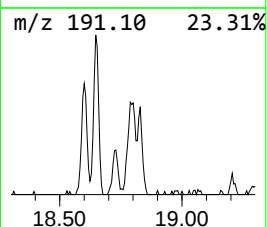
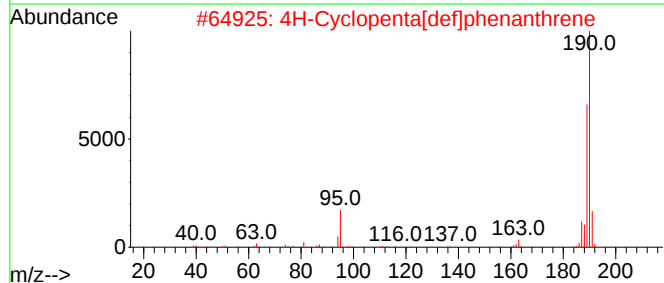
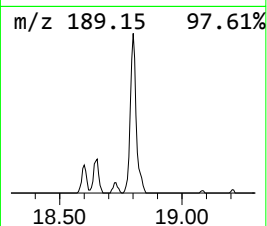
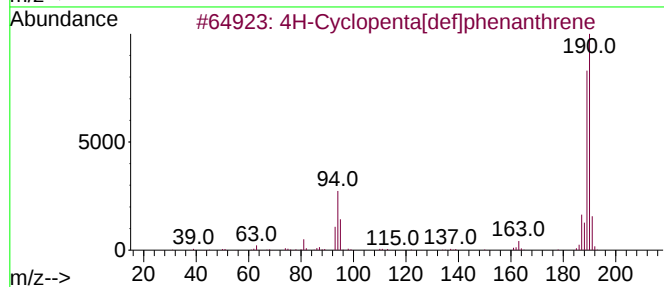
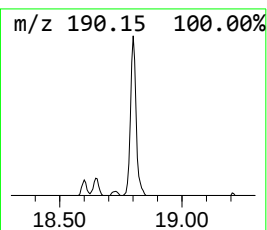
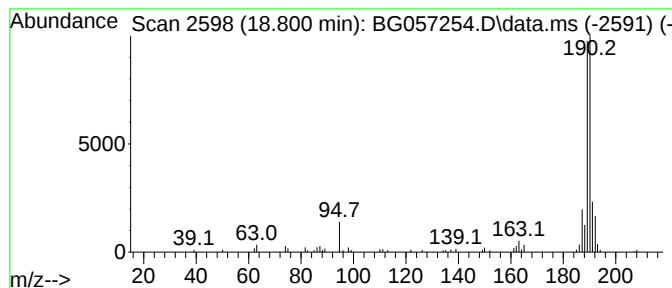
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.800	8.40 ng/ul	127793	Phenanthrene-d10	17.731

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
5			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057254.D
Acq On : 1 May 2023 16:58
Operator : CG/JU
Sample : 02418-30DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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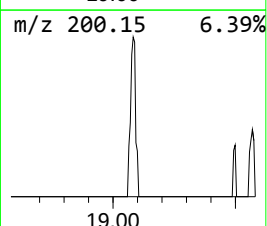
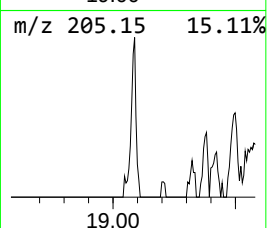
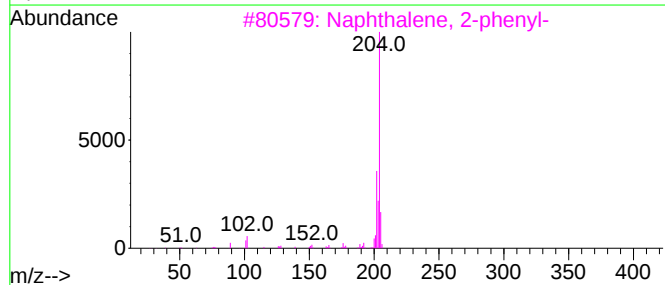
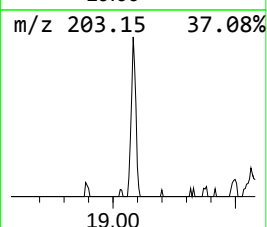
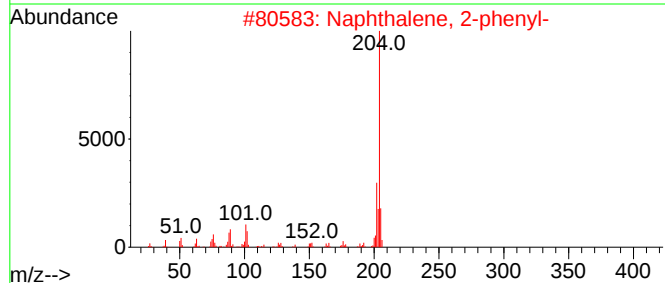
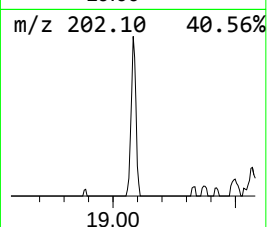
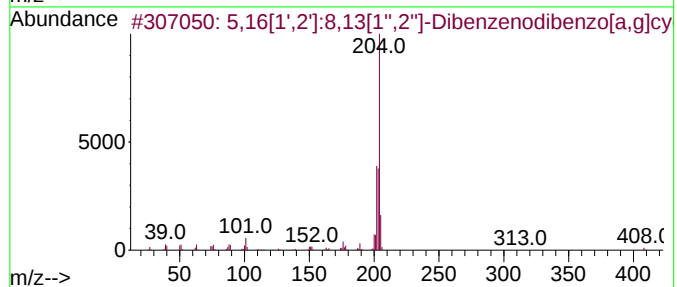
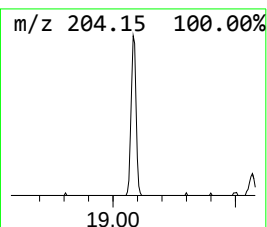
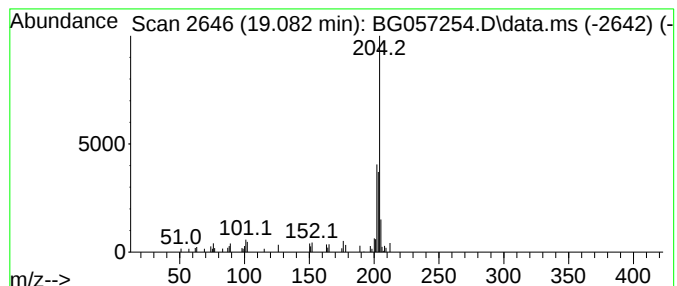
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Quant Title : SVOA CALIBRATION

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 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.082	2.69 ng/ul	40886	Phenanthrene-d10	17.731

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91		
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64		
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60		
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057254.D
Acq On : 1 May 2023 16:58
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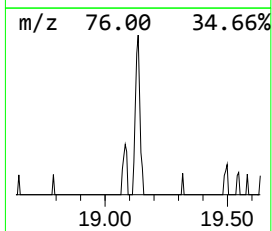
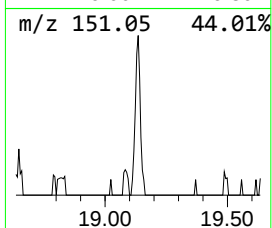
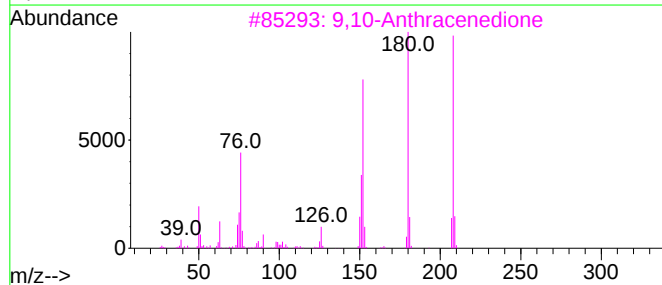
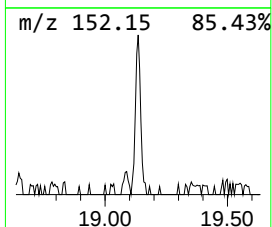
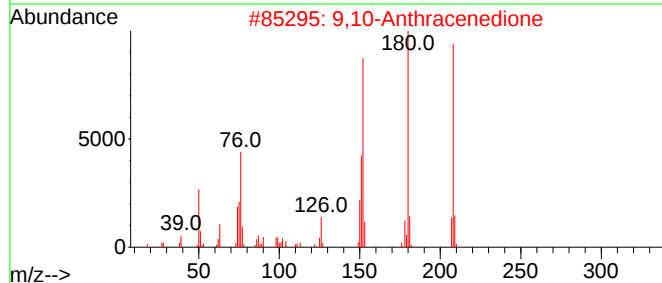
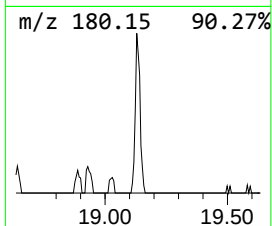
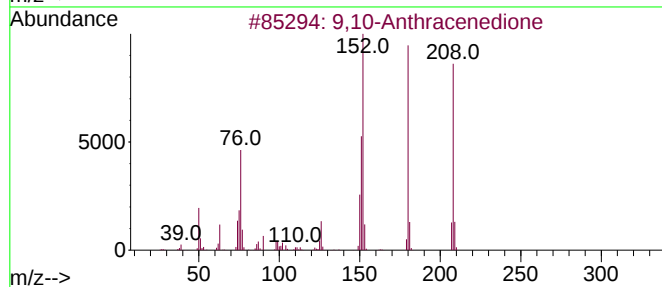
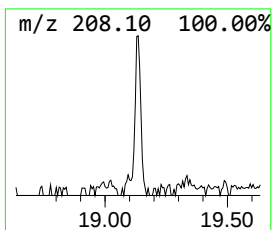
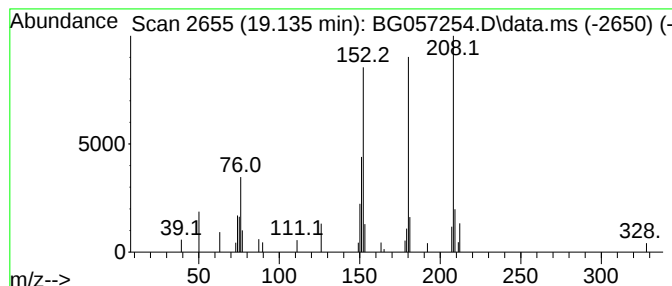
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.135	2.21 ng/ul	33598	Phenanthrene-d10	17.731

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	92
4			9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057254.D
Acq On : 1 May 2023 16:58
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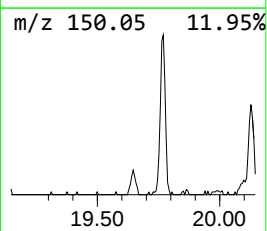
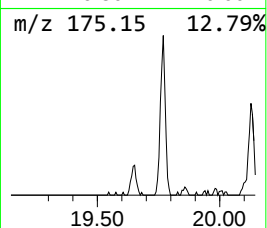
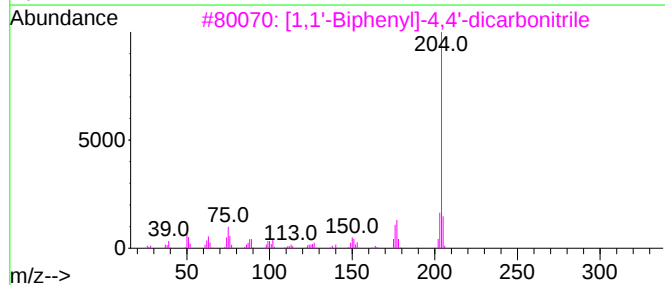
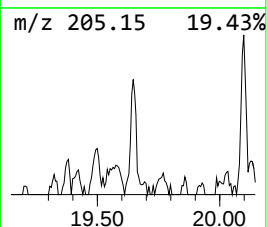
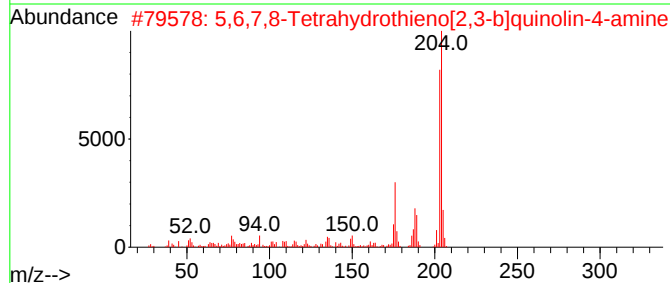
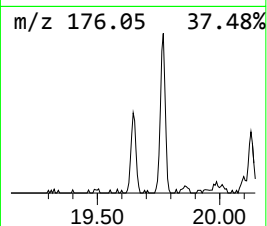
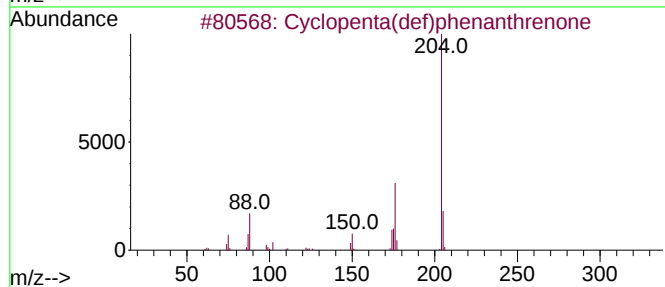
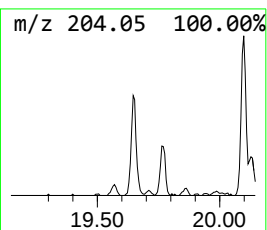
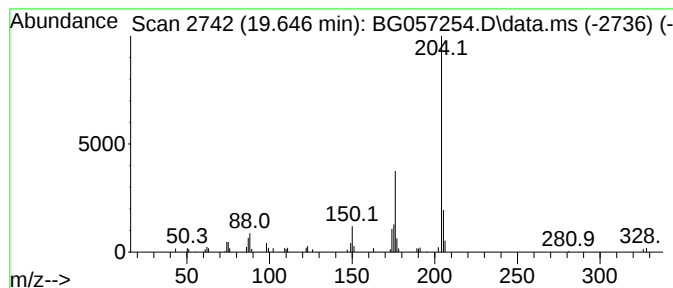
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cyclopenta(def)phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.646	3.73 ng/ul	56700	Phenanthrene-d10	17.731

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	94
2			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	80
3			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
4			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057254.D
Acq On : 1 May 2023 16:58
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Misc :
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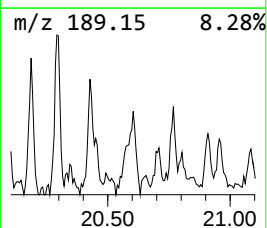
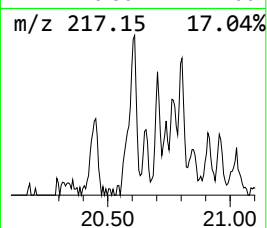
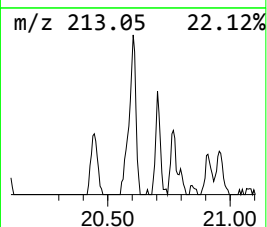
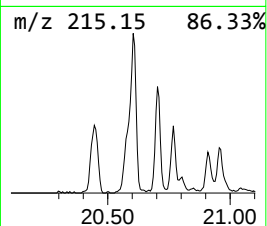
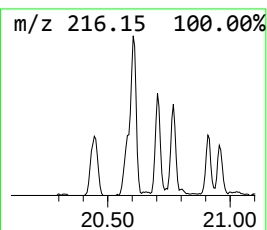
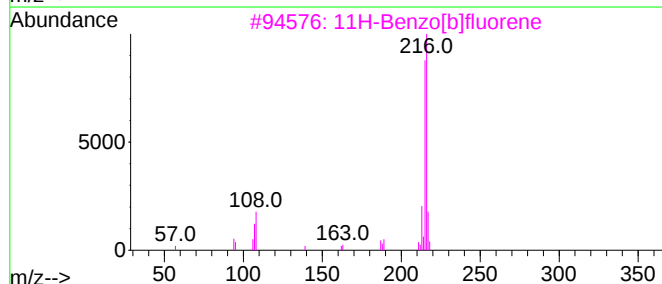
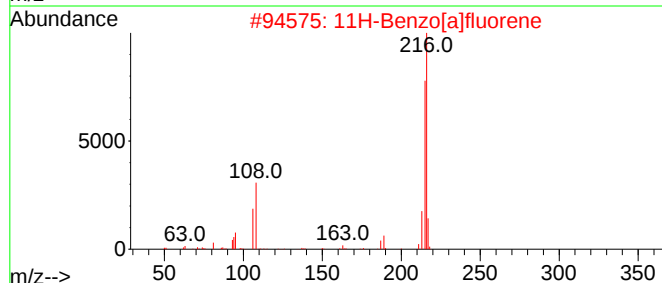
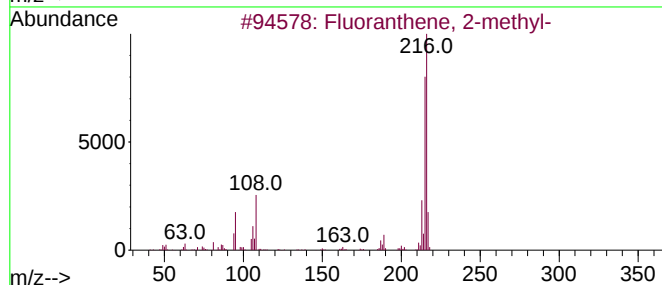
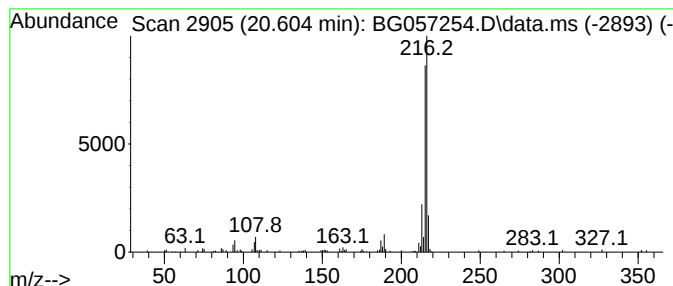
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.604	2.87 ng/ul	159866	Chrysene-d12	22.049

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057254.D
Acq On : 1 May 2023 16:58
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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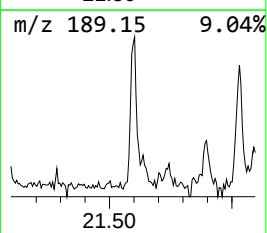
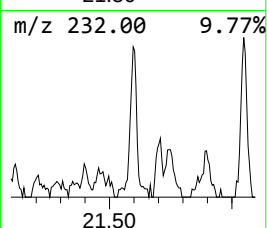
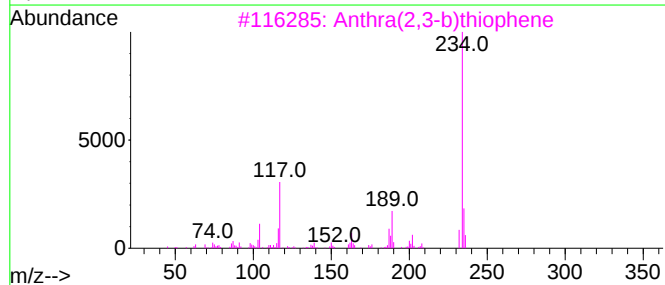
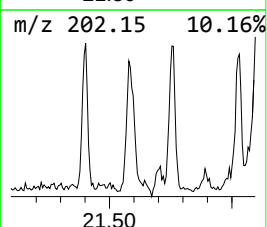
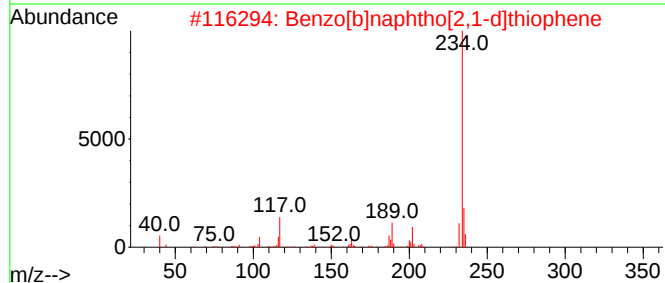
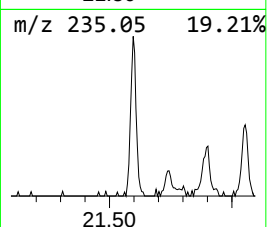
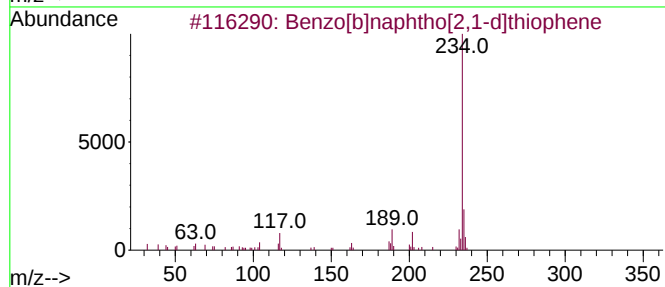
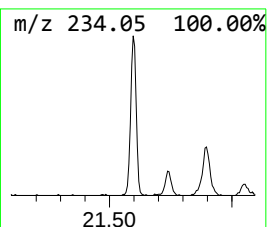
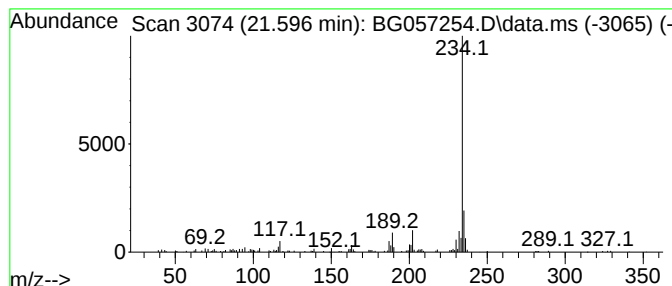
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.596	3.06 ng/ul	170872	Chrysene-d12	22.049

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
3			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	94
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
5			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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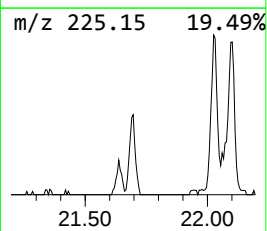
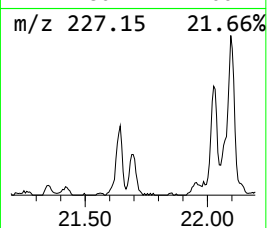
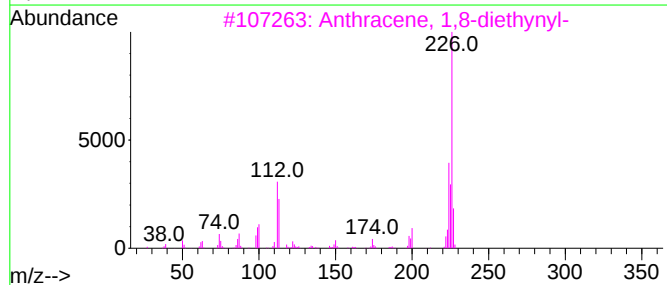
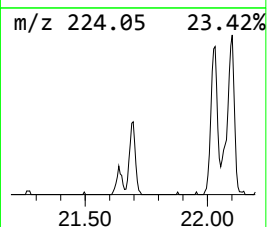
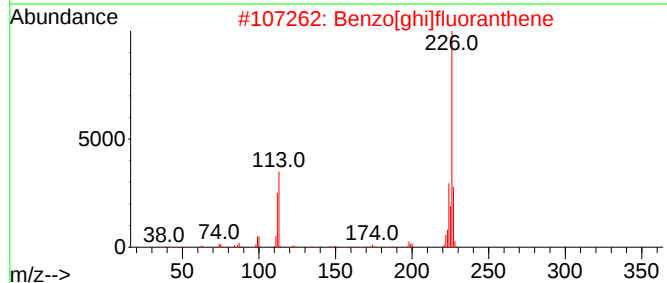
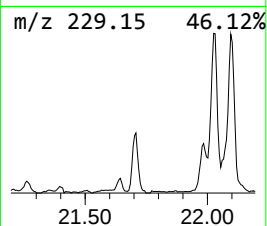
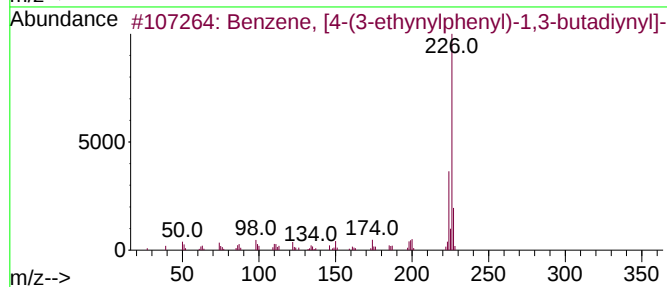
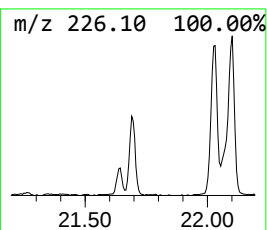
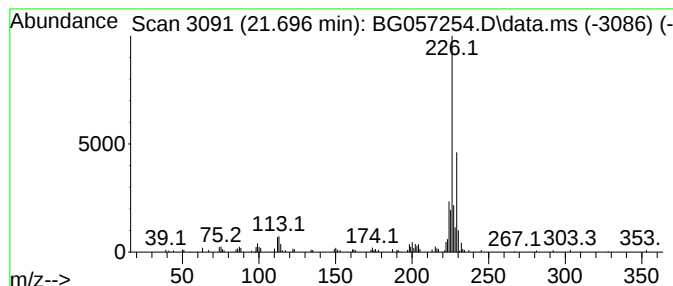
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, [4-(3-ethynylpheny... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.696	2.32 ng/ul	129405	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	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
3	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	43
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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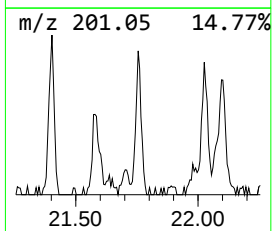
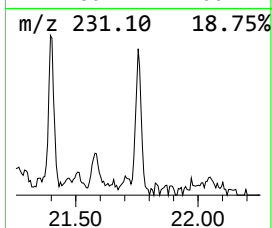
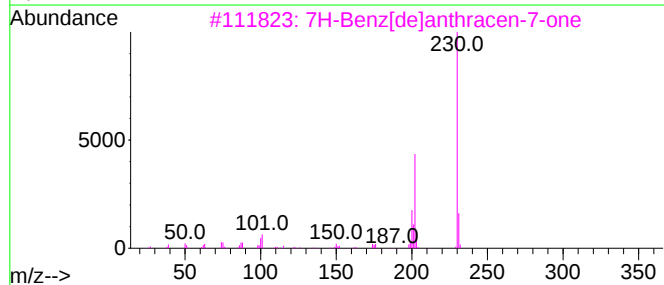
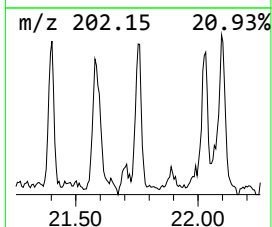
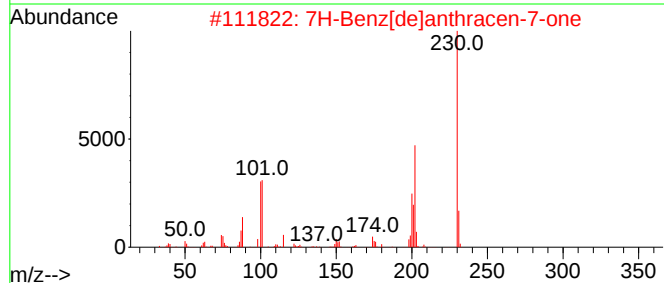
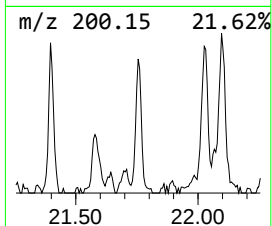
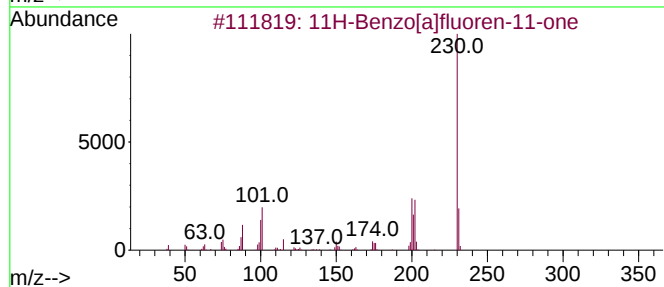
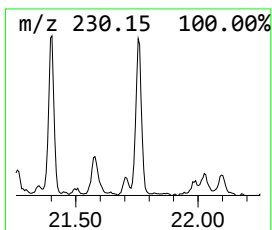
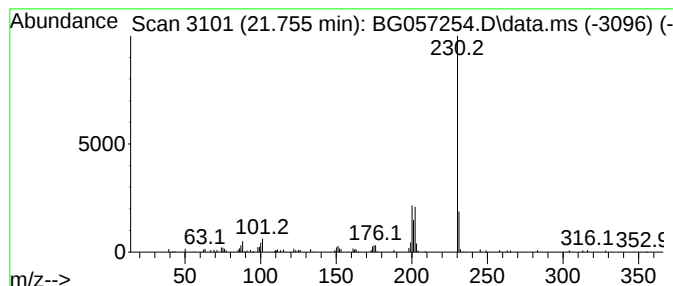
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.755	2.11 ng/ul	117417	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	96
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057254.D
Acq On : 1 May 2023 16:58
Operator : CG/JU
Sample : 02418-30DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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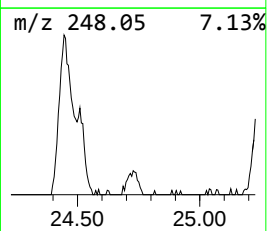
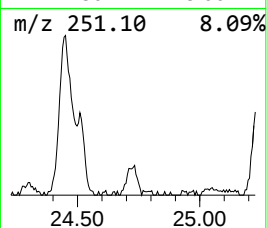
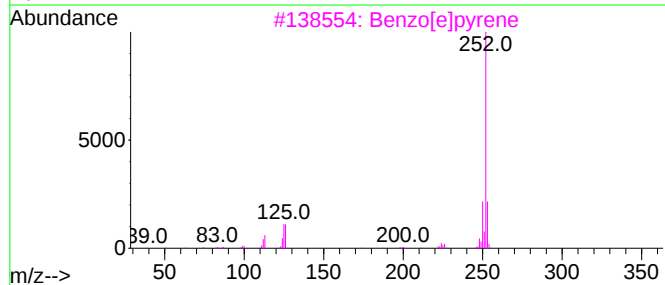
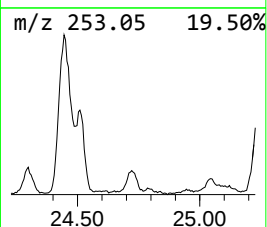
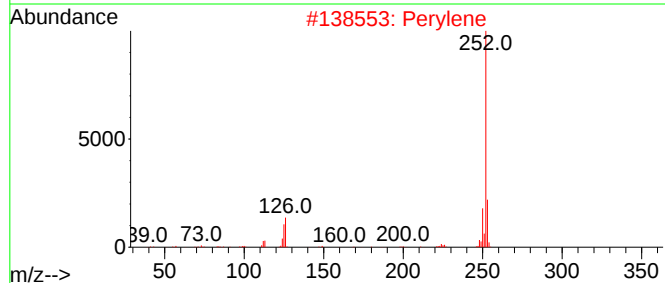
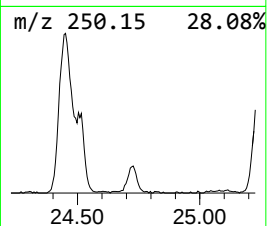
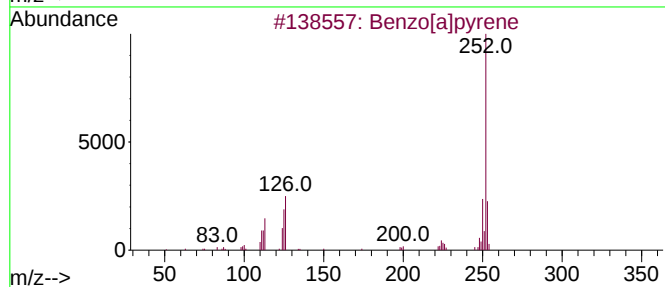
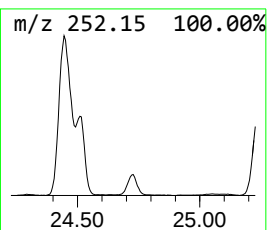
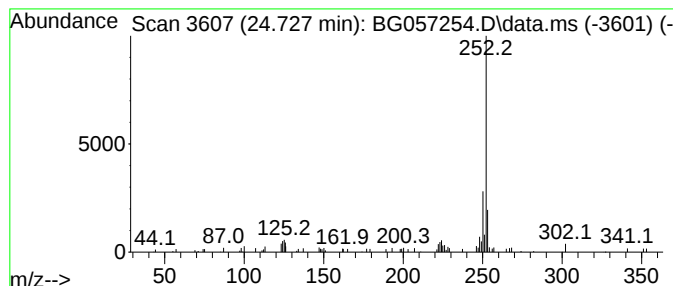
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.727	5.66 ng/ul	84495	Perylene-d12	25.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	93
2			Perylene	252	C20H12	000198-55-0	90
3			Benzo[e]pyrene	252	C20H12	000192-97-2	81
4			Benzo[a]pyrene	252	C20H12	000050-32-8	76
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057254.D
Acq On : 1 May 2023 16:58
Operator : CG/JU
Sample : 02418-30DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW904DL

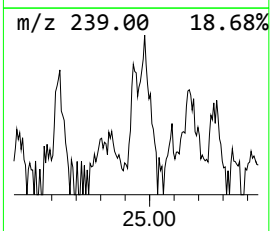
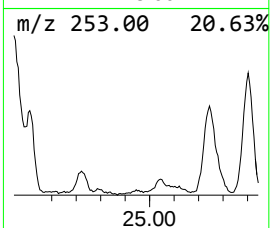
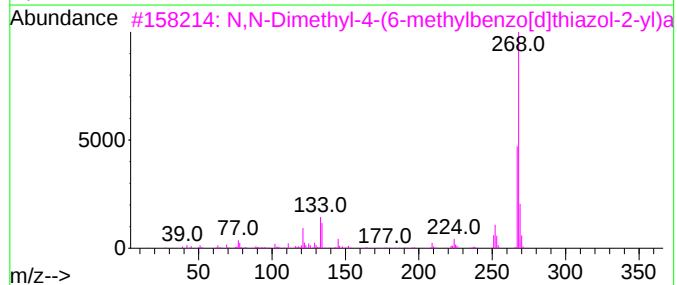
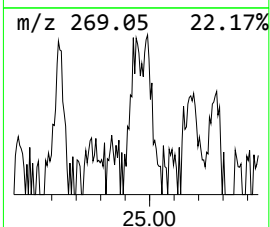
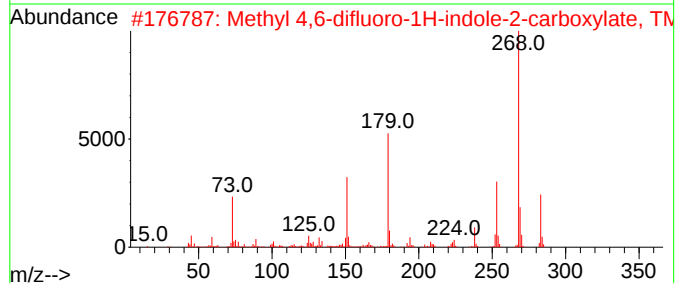
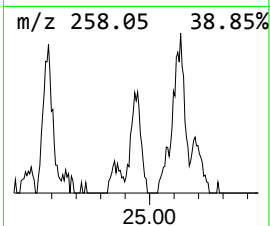
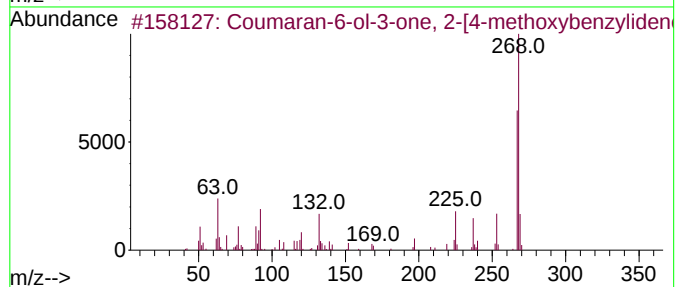
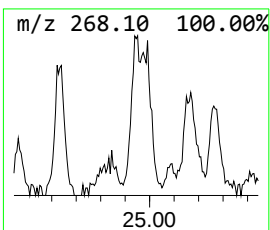
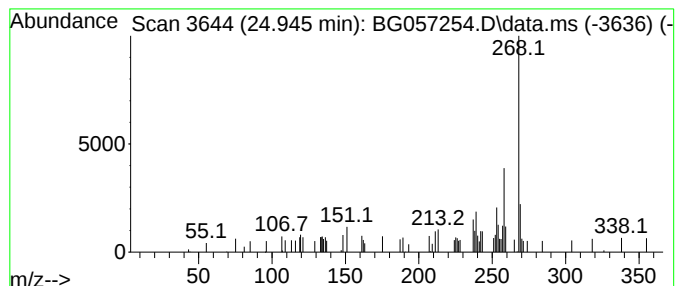
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Coumaran-6-ol-3-one, 2-[4-m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.945	4.32 ng/ul	64509	Perylene-d12	25.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Coumaran-6-ol-3-one, 2-[4-methox...	268	C16H12O4	020727-61-1	52
2			Methyl 4,6-difluoro-1H-indole-2-...	283	C13H15F2NO2Si	1010501-02-9	50
3			N,N-Dimethyl-4-(6-methylbenzo[d]...	268	C16H16N2S	010205-62-6	50
4			trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	49
5			Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057254.D
Acq On : 1 May 2023 16:58
Operator : CG/JU
Sample : 02418-30DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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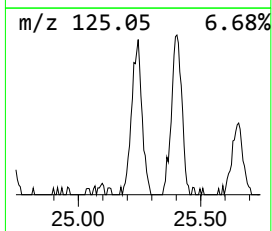
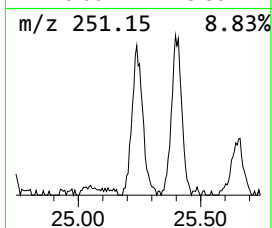
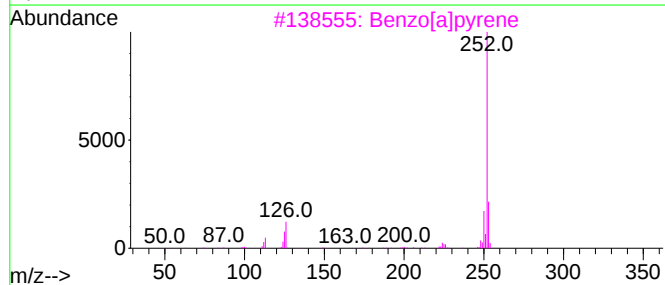
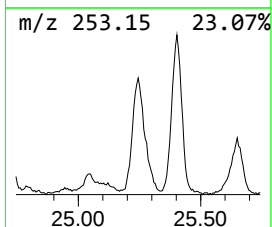
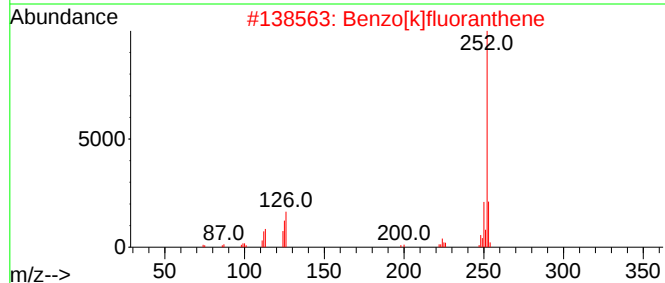
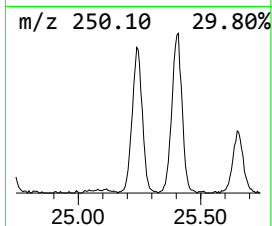
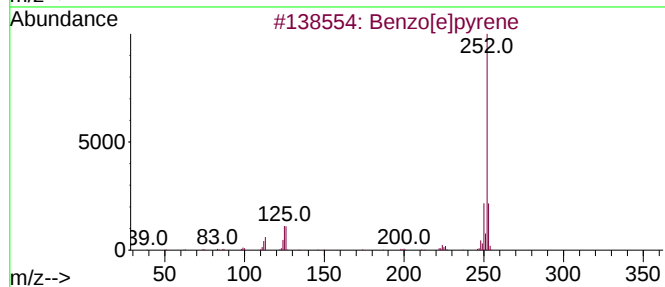
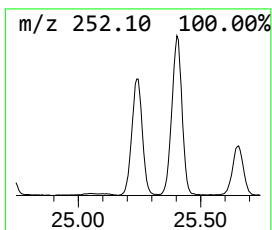
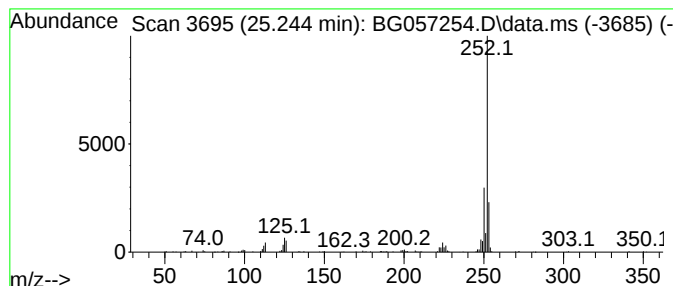
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.244	29.27 ng/ul	437028	Perylene-d12	25.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	91
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3			Benzo[a]pyrene	252	C20H12	000050-32-8	90
4			Perylene	252	C20H12	000198-55-0	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057254.D
Acq On : 1 May 2023 16:58
Operator : CG/JU
Sample : 02418-30DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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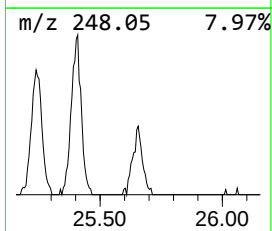
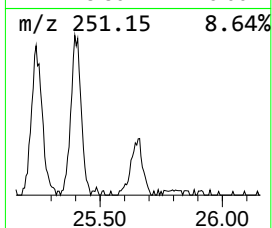
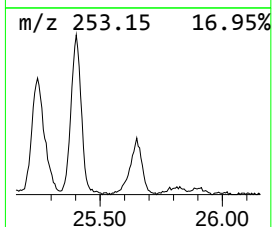
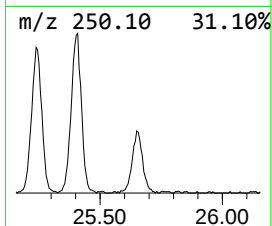
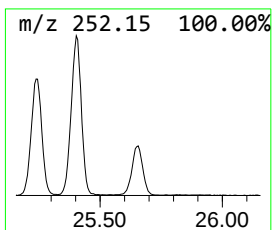
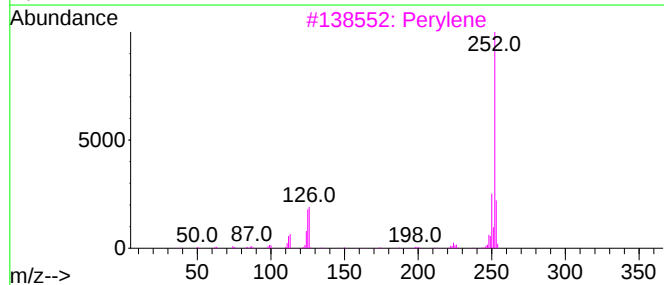
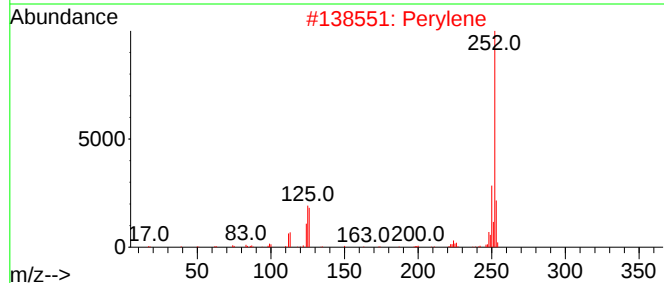
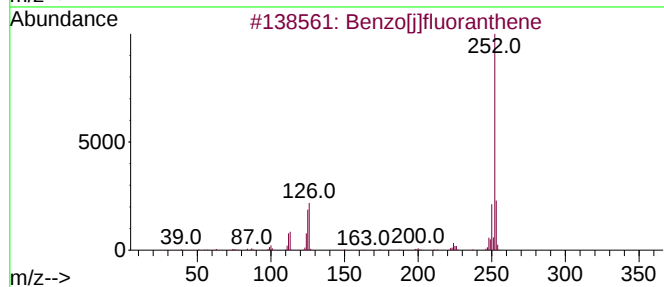
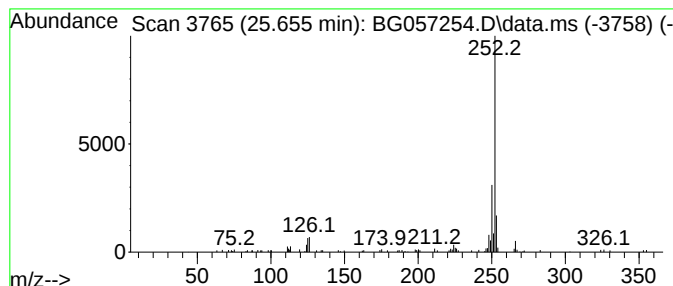
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.656	13.77 ng/ul	205631	Perylene-d12	25.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
2			Perylene	252	C20H12	000198-55-0	92
3			Perylene	252	C20H12	000198-55-0	86
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
5			Benzo[e]pyrene	252	C20H12	000192-97-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057254.D
Acq On : 1 May 2023 16:58
Operator : CG/JU
Sample : 02418-30DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW904DL

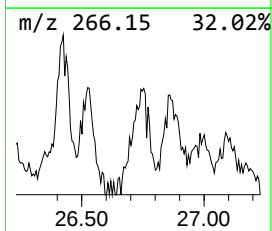
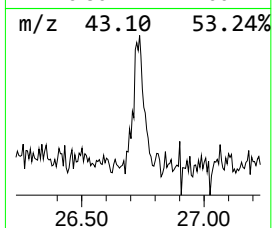
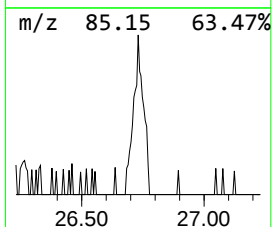
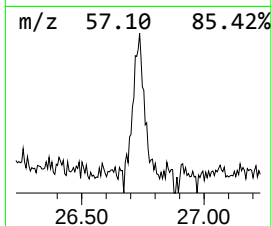
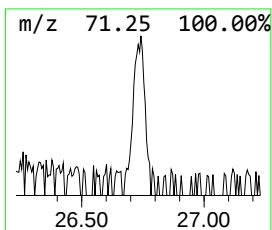
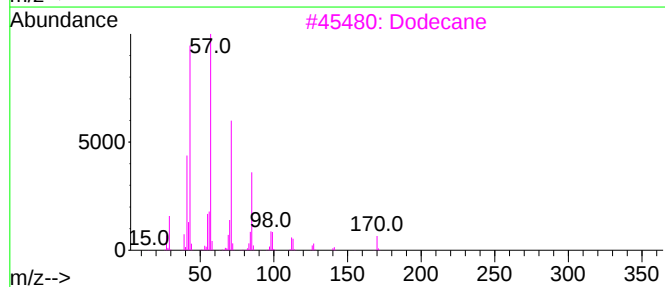
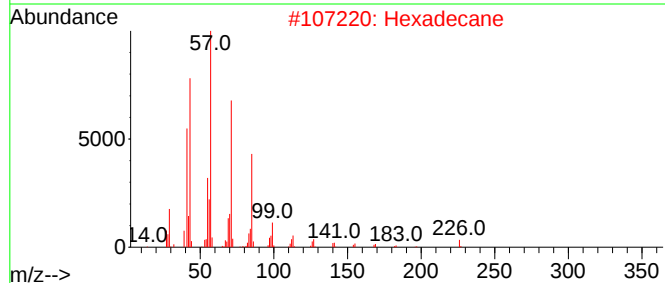
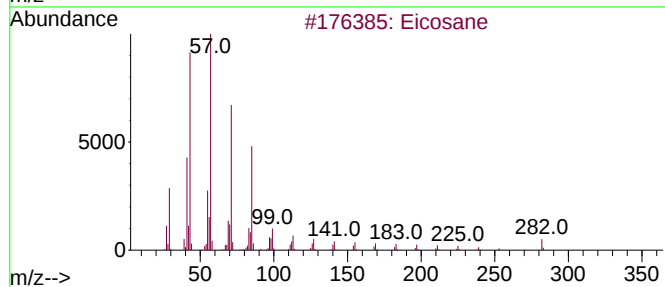
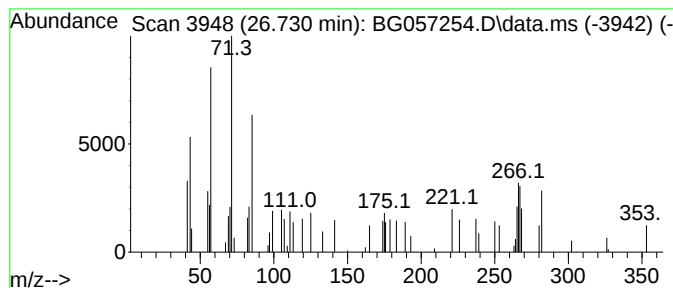
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.730	2.45 ng/ul	36628	Perylene-d12	25.567

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	49
2		Hexadecane	226	C16H34	000544-76-3	46
3		Dodecane	170	C12H26	000112-40-3	35
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	35
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057254.D
Acq On : 1 May 2023 16:58
Operator : CG/JU
Sample : 02418-30DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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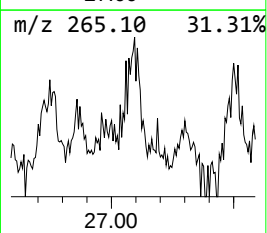
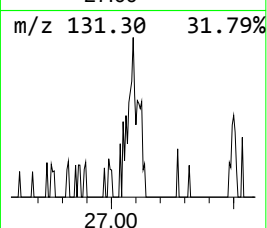
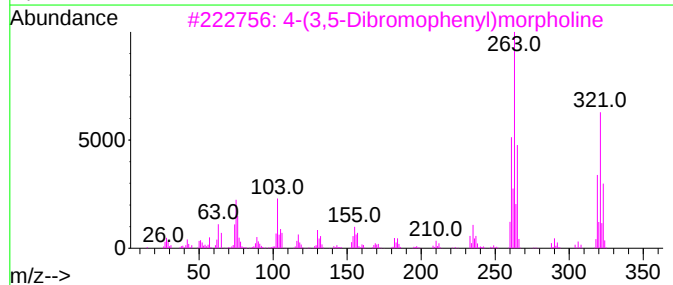
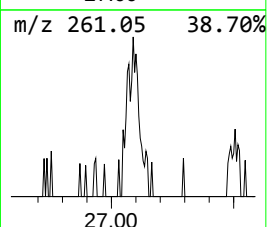
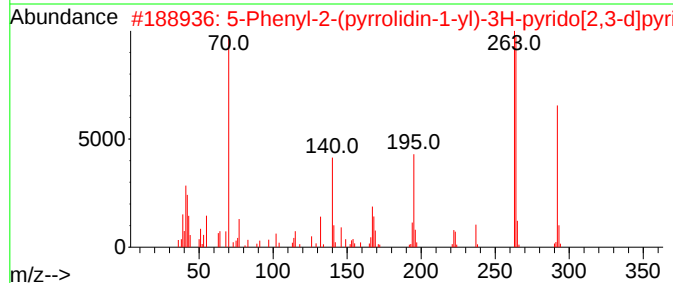
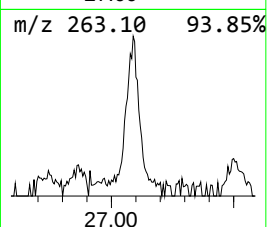
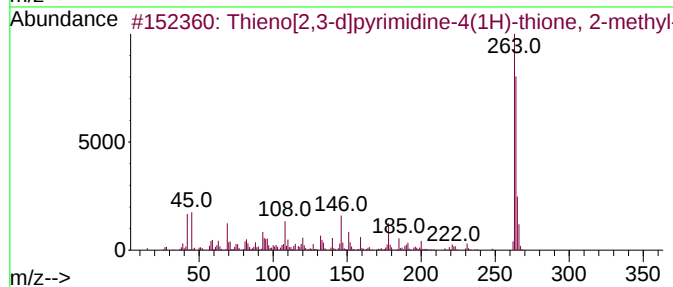
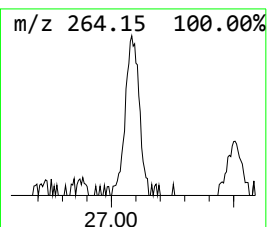
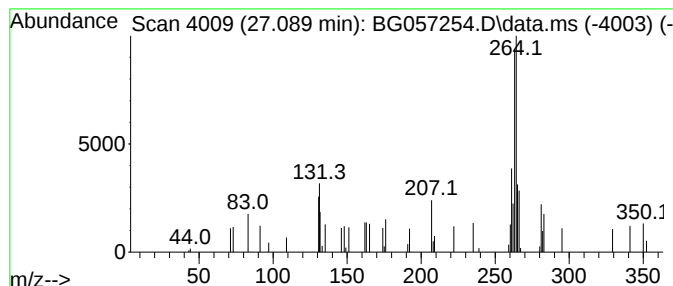
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.089	2.37 ng/ul	35436	Perylene-d12	25.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thieno[2,3-d]pyrimidine-4(1H)-th...	264	C11H8N2S3	732292-19-2	43
2			5-Phenyl-2-(pyrrolidin-1-yl)-3H...	292	C17H16N4O	1000388-64-2	38
3			4-(3,5-Dibromophenyl)morpholine	319	C10H11Br2NO	027173-18-8	38
4			2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	32
5			1-(4-Methoxyphenyl)-5-methyl-4-p...	264	C17H16N2O	1000436-38-1	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057254.D
 Acq On : 1 May 2023 16:58
 Operator : CG/JU
 Sample : 02418-30DL 30X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW904DL

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
Phenanthrene, 1...	18.600	3.0	ng/ul	45576	4	17.731	304297	20.0
Anthracene, 2-m...	18.647	4.2	ng/ul	63888	4	17.731	304297	20.0
4H-Cyclopenta[d...	18.800	8.4	ng/ul	127793	4	17.731	304297	20.0
5,16[1',2']:8,1...	19.082	2.7	ng/ul	40886	4	17.731	304297	20.0
9,10-Anthracene...	19.135	2.2	ng/ul	33598	4	17.731	304297	20.0
Cyclopenta(def)...	19.646	3.7	ng/ul	56700	4	17.731	304297	20.0
Fluoranthene, 2...	20.604	2.9	ng/ul	159866	5	22.049	1115460	20.0
Benzo[b]naphtho...	21.596	3.1	ng/ul	170872	5	22.049	1115460	20.0
Benzene, [4-(3-...	21.696	2.3	ng/ul	129405	5	22.049	1115460	20.0
11H-Benzo[a]flu...	21.755	2.1	ng/ul	117417	5	22.049	1115460	20.0
Perylene	24.727	5.7	ng/ul	84495	6	25.567	298633	20.0
Coumaran-6-ol-3...	24.945	4.3	ng/ul	64509	6	25.567	298633	20.0
Benzo[e]pyrene	25.244	29.3	ng/ul	437028	6	25.567	298633	20.0
Benzo[j]fluoran...	25.656	13.8	ng/ul	205631	6	25.567	298633	20.0
(DEL) Alkane: S...	26.730	2.5	ng/ul	36628	6	25.567	298633	20.0
unknown-01	27.089	2.4	ng/ul	35436	6	25.567	298633	20.0