

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
 Data File : BG057319.D
 Acq On : 5 May 2023 15:39
 Operator : CG/JU
 Sample : 02479-13DL 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW976DL

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: BG057319.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.372	818	823	831	rVB	60084	100226	13.79%	1.431%
2	10.839	1239	1243	1247	rBB	1346	1846	0.25%	0.026%
3	11.209	1298	1306	1313	rBV	89067	165386	22.75%	2.361%
4	11.262	1313	1315	1319	rVB	1621	1947	0.27%	0.028%
5	12.837	1580	1583	1591	rVB4	2074	3816	0.53%	0.054%
6	13.066	1617	1622	1625	rVB3	1442	2322	0.32%	0.033%
7	14.305	1830	1833	1838	rBV2	1742	2499	0.34%	0.036%
8	14.370	1838	1844	1850	rVV3	4569	6226	0.86%	0.089%
9	14.687	1893	1898	1903	rBV3	4302	7073	0.97%	0.101%
10	14.987	1943	1949	1955	rVV	174123	264128	36.34%	3.771%
11	15.051	1955	1960	1965	rVV2	17553	26294	3.62%	0.375%
12	15.380	2010	2016	2021	rVB2	8916	13097	1.80%	0.187%
13	15.968	2111	2116	2121	rBV2	6207	8895	1.22%	0.127%
14	16.026	2121	2126	2133	rVB	19363	28108	3.87%	0.401%
15	16.150	2144	2147	2149	rVV	1596	2069	0.28%	0.030%
16	16.185	2151	2153	2157	rVV4	2135	2415	0.33%	0.034%
17	16.279	2164	2169	2171	rBV2	1399	2099	0.29%	0.030%
18	16.320	2171	2176	2179	rVB3	4125	6068	0.83%	0.087%
19	16.461	2195	2200	2206	rBV3	4144	7440	1.02%	0.106%
20	16.702	2235	2241	2247	rVB4	1004	2228	0.31%	0.032%
21	17.025	2292	2296	2301	rVB3	3160	4333	0.60%	0.062%
22	17.078	2301	2305	2308	rBV	1634	1904	0.26%	0.027%
23	17.166	2317	2320	2328	rBV4	1081	2135	0.29%	0.030%
24	17.242	2328	2333	2337	rBV4	1892	3272	0.45%	0.047%
25	17.283	2337	2340	2346	rBV4	1314	2182	0.30%	0.031%
26	17.377	2349	2356	2362	rBV2	6764	11142	1.53%	0.159%
27	17.448	2364	2368	2370	rBV3	1623	2778	0.38%	0.040%
28	17.471	2370	2372	2373	rBV2	1835	1834	0.25%	0.026%
29	17.548	2379	2385	2391	rVB	11266	16595	2.28%	0.237%
30	17.730	2409	2416	2419	rBV	205508	326085	44.86%	4.655%
31	17.771	2419	2423	2429	rVV	270859	386946	53.24%	5.524%
32	17.824	2429	2432	2434	rVV	8580	11884	1.64%	0.170%
33	17.859	2434	2438	2445	rVV	54831	87629	12.06%	1.251%
34	17.918	2445	2448	2453	rVB3	3214	4120	0.57%	0.059%
35	18.123	2476	2483	2488	rBV2	20001	34646	4.77%	0.495%
36	18.235	2498	2502	2507	rVV2	3937	5222	0.72%	0.075%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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37	18.306	2510	2514	2519	rBV3	3331	5043	0.69%	0.072%
38	18.394	2524	2529	2532	rBV	1401	2146	0.30%	0.031%
39	18.447	2535	2538	2545	rVB4	3316	6313	0.87%	0.090%
40	18.517	2545	2550	2551	rBV2	1826	2152	0.30%	0.031%

41	18.593	2556	2563	2567	rBV	23166	36008	4.95%	0.514%
42	18.640	2567	2571	2578	rVB	33343	47267	6.50%	0.675%
43	18.723	2580	2585	2589	rBV2	10892	16783	2.31%	0.240%
44	18.793	2589	2597	2601	rBV2	42199	84500	11.63%	1.206%
45	18.881	2609	2612	2616	rBV4	2149	3473	0.48%	0.050%

46	18.934	2616	2621	2625	rBV4	3597	4411	0.61%	0.063%
47	18.981	2625	2629	2633	rBV5	3069	6069	0.83%	0.087%
48	19.028	2633	2637	2639	rBV5	1800	1866	0.26%	0.027%
49	19.075	2641	2645	2650	rBV	21857	30554	4.20%	0.436%
50	19.128	2650	2654	2659	rBV2	17677	24884	3.42%	0.355%

51	19.198	2662	2666	2670	rBV6	3731	5188	0.71%	0.074%
52	19.251	2670	2675	2677	rBV4	1478	2352	0.32%	0.034%
53	19.293	2679	2682	2683	rBV3	2714	2240	0.31%	0.032%
54	19.322	2683	2687	2691	rBV5	6220	7794	1.07%	0.111%
55	19.369	2691	2695	2699	rBV2	4937	7869	1.08%	0.112%

56	19.410	2699	2702	2707	rVB3	5814	7808	1.07%	0.111%
57	19.486	2711	2715	2721	rBV2	11956	20817	2.86%	0.297%
58	19.563	2721	2728	2729	rBV4	4337	8112	1.12%	0.116%
59	19.639	2736	2741	2748	rBV2	19098	36459	5.02%	0.520%
60	19.762	2755	2762	2767	rBV	529623	726827	100.00%	10.376%

61	19.809	2767	2770	2772	rVV4	4771	4825	0.66%	0.069%
62	19.851	2772	2777	2783	rVB5	8577	16059	2.21%	0.229%
63	19.956	2789	2795	2797	rVV6	10138	17184	2.36%	0.245%
64	20.003	2800	2803	2811	rVB2	16823	26117	3.59%	0.373%
65	20.086	2811	2817	2819	rBV2	81419	128625	17.70%	1.836%

66	20.121	2819	2823	2829	rVV	416637	597099	82.15%	8.524%
67	20.180	2830	2833	2839	rVB3	20127	27700	3.81%	0.395%
68	20.291	2848	2852	2856	rVB	23894	31454	4.33%	0.449%
69	20.362	2858	2864	2868	rVB	22927	38719	5.33%	0.553%
70	20.438	2870	2877	2882	rBV2	26287	67064	9.23%	0.957%

71	20.497	2882	2887	2889	rBV3	7238	13015	1.79%	0.186%
72	20.602	2894	2905	2909	rVV	46957	104494	14.38%	1.492%
73	20.702	2918	2922	2926	rBV	31786	46456	6.39%	0.663%
74	20.761	2926	2932	2935	rVV2	28322	54237	7.46%	0.774%
75	20.796	2935	2938	2942	rVB2	16359	20332	2.80%	0.290%

76	20.908	2953	2957	2959	rBV2	21107	28310	3.90%	0.404%
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77	20.955	2963	2965	2971	rVB3	15486	22736	3.13%	0.325%
78	21.337	3028	3030	3031	rBV2	6398	4546	0.63%	0.065%
79	21.396	3036	3040	3046	rVB	31739	50881	7.00%	0.726%
80	21.595	3068	3074	3077	rBV2	30948	57655	7.93%	0.823%
81	21.631	3077	3080	3085	rVV	25999	41070	5.65%	0.586%
82	21.695	3086	3091	3095	rVV3	37799	72110	9.92%	1.029%
83	21.754	3097	3101	3106	rVB	31512	57538	7.92%	0.821%
84	22.030	3140	3148	3155	rBV3	233987	706290	97.17%	10.083%
85	22.095	3155	3159	3169	rVB	162655	292490	40.24%	4.175%
86	22.259	3182	3187	3192	rBV	31688	57765	7.95%	0.825%
87	22.482	3219	3225	3232	rBV2	25812	53502	7.36%	0.764%
88	22.905	3293	3297	3302	rVB3	10611	19310	2.66%	0.276%
89	23.123	3329	3334	3338	rBV3	17988	35754	4.92%	0.510%
90	23.269	3353	3359	3365	rBV7	14905	33728	4.64%	0.481%
91	23.569	3405	3410	3416	rBV10	11922	26787	3.69%	0.382%
92	24.438	3547	3558	3566	rBV	140294	513680	70.67%	7.333%
93	24.709	3599	3604	3613	rVB2	21062	49887	6.86%	0.712%
94	25.232	3685	3693	3703	rVB	68216	206080	28.35%	2.942%
95	25.396	3711	3721	3730	rBV	93002	266602	36.68%	3.806%
96	25.560	3741	3749	3757	rBV3	95615	270837	37.26%	3.866%
97	29.620	4430	4440	4460	rVB2	44847	215885	29.70%	3.082%
98	30.894	4646	4657	4658	rBV	25804	65450	9.00%	0.934%
99	31.547	4766	4768	4770	rBV3	5632	6037	0.83%	0.086%
100	32.040	4850	4852	4854	rBV4	3749	2849	0.39%	0.041%

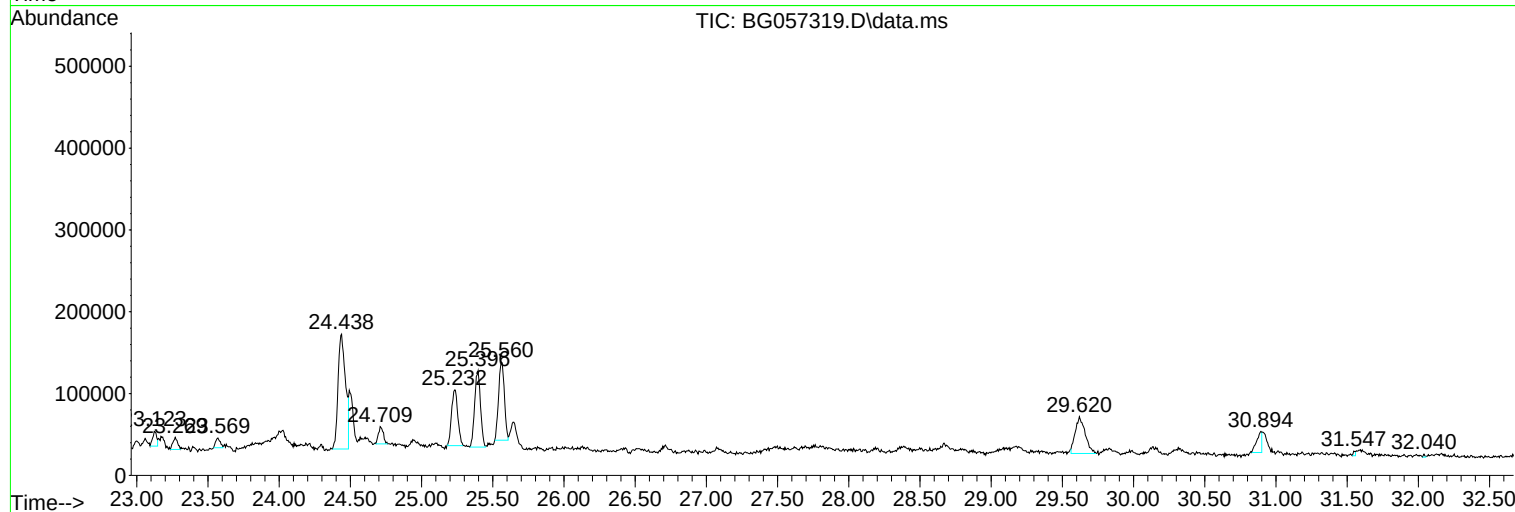
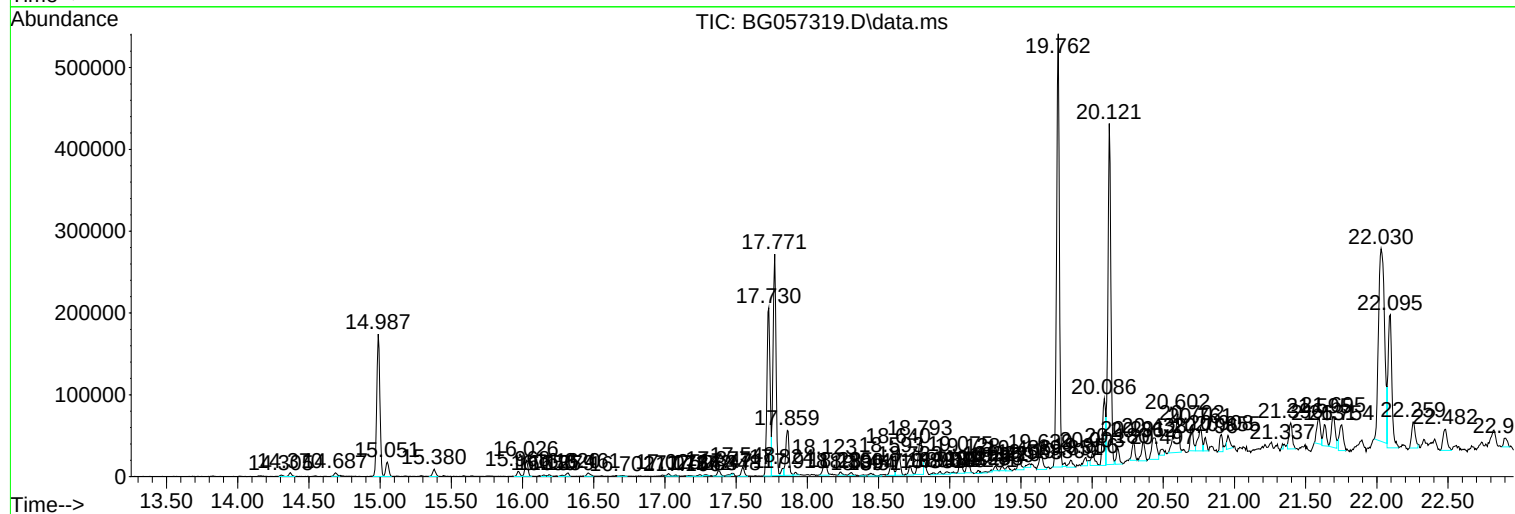
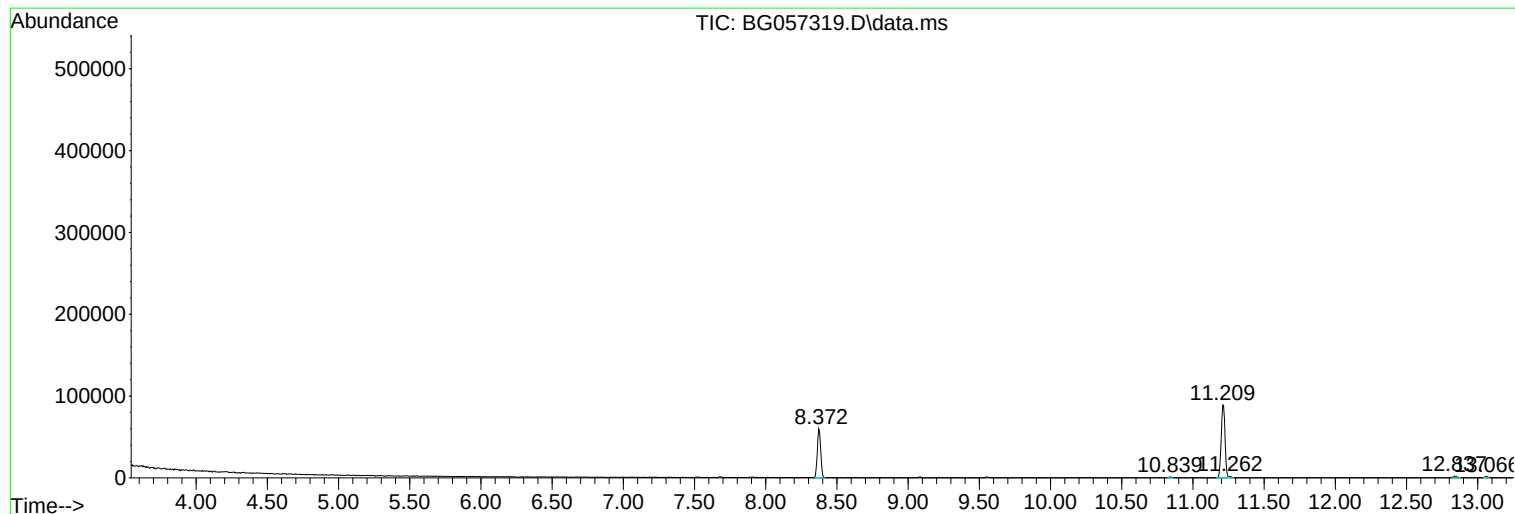
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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



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ALS Vial : 9 Sample Multiplier: 1

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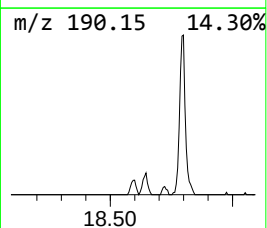
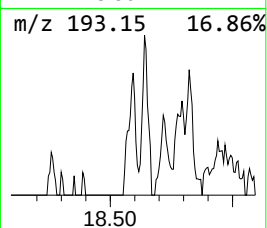
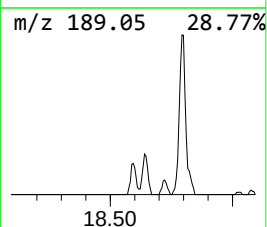
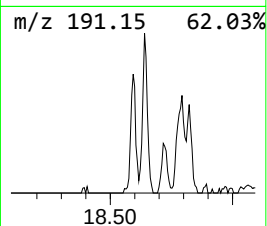
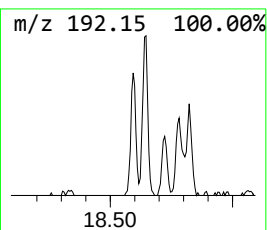
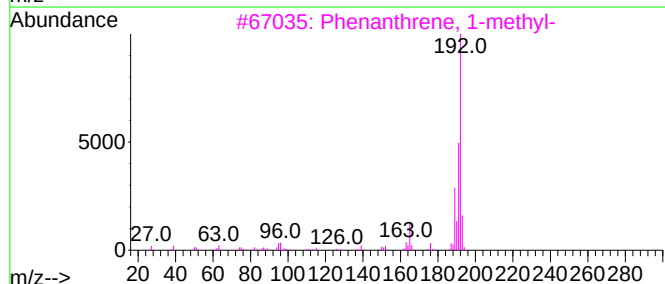
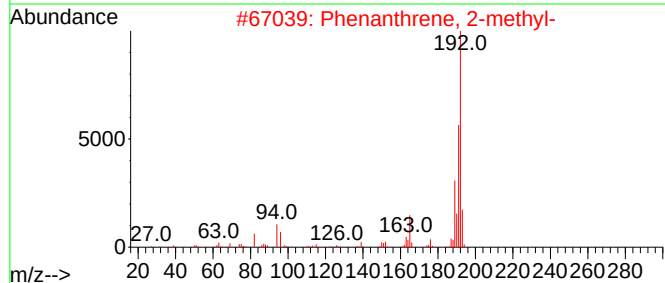
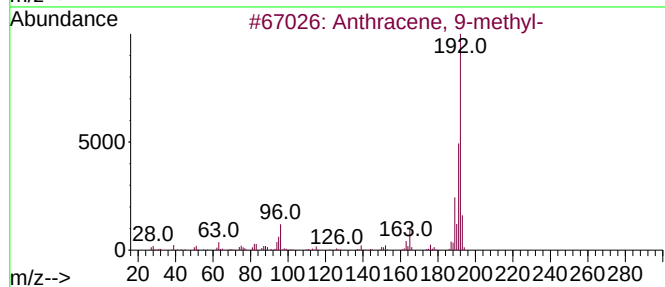
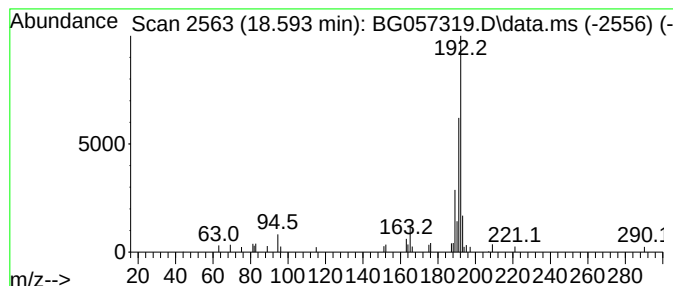
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.593	2.21 ng/ul	36008	Phenanthrene-d10	17.730

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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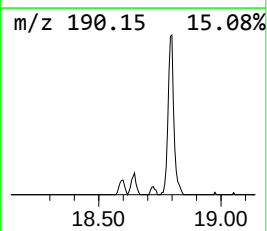
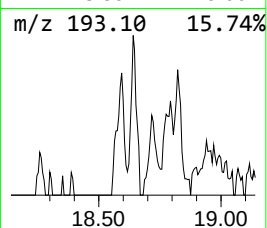
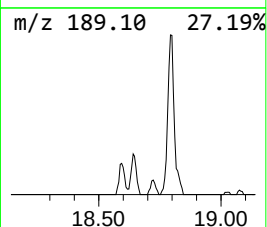
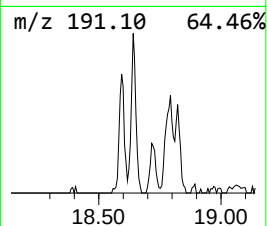
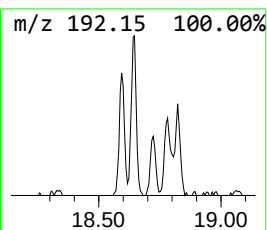
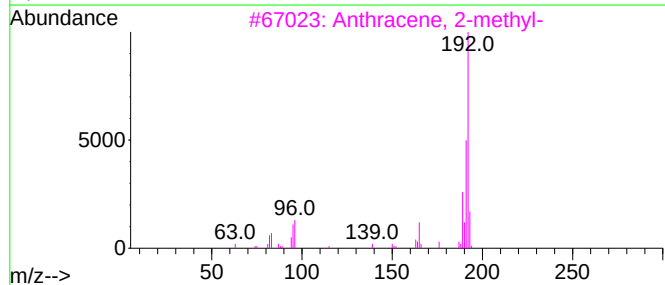
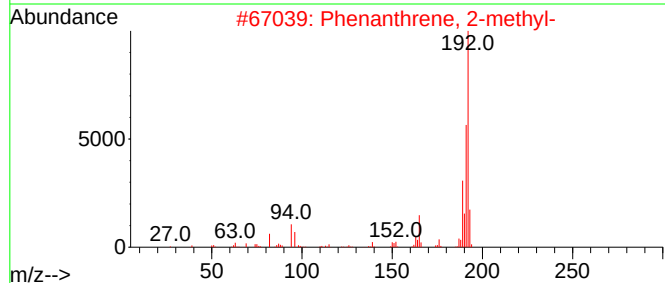
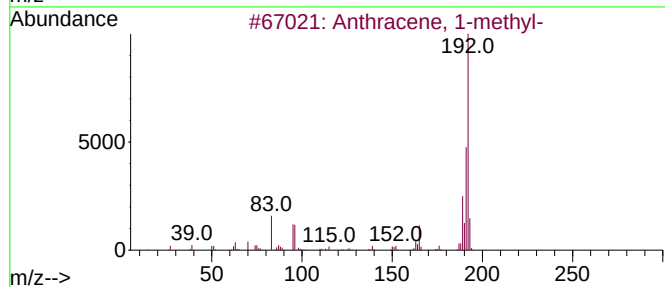
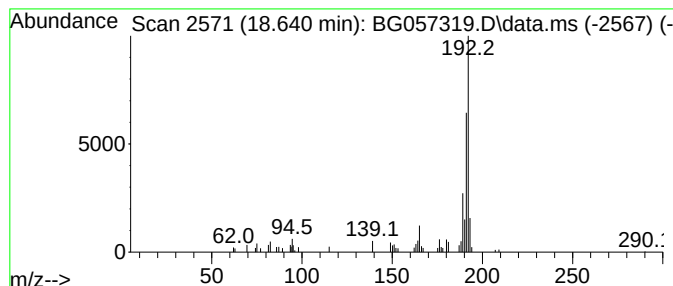
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.640	2.90 ng/ul	47267	Phenanthrene-d10	17.730

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



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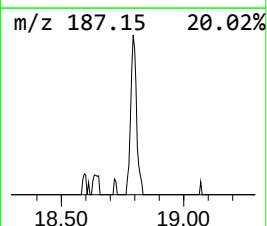
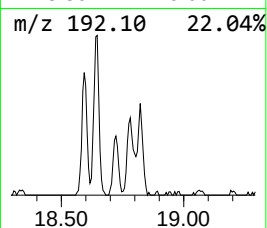
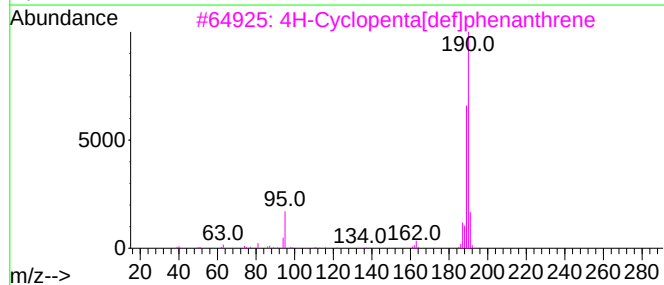
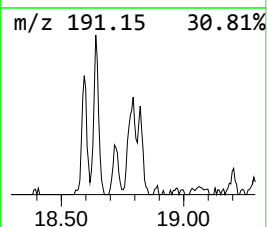
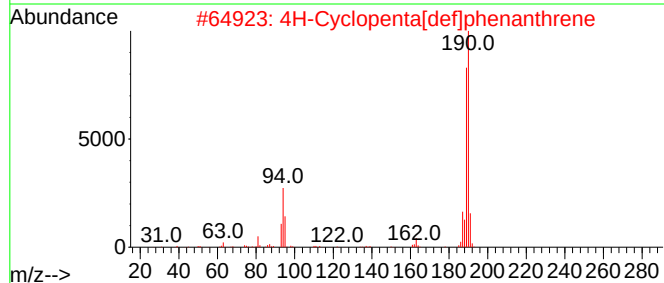
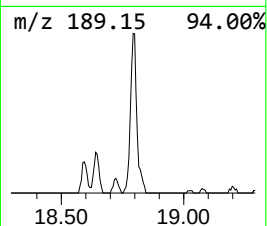
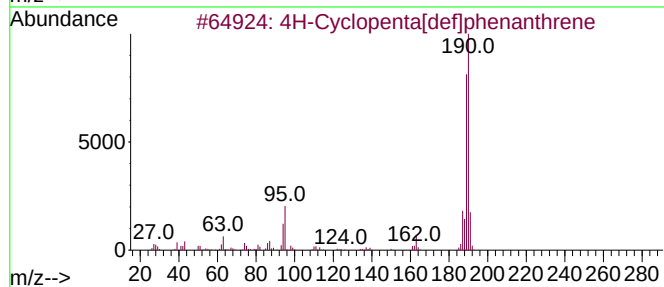
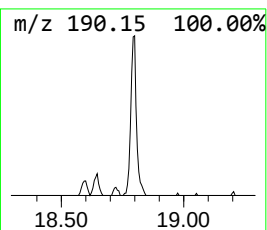
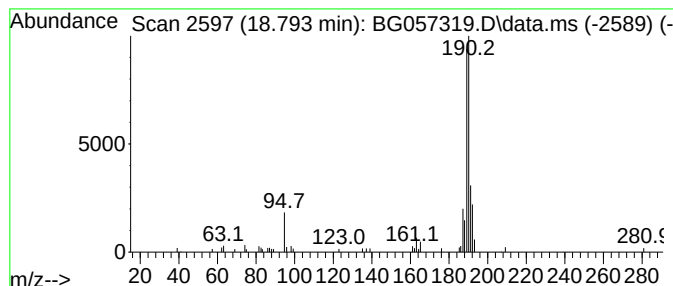
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.793	5.18 ng/ul	84500	Phenanthrene-d10	17.730

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	81
4			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057319.D
Acq On : 5 May 2023 15:39
Operator : CG/JU
Sample : 02479-13DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

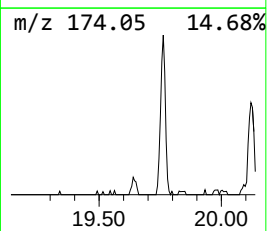
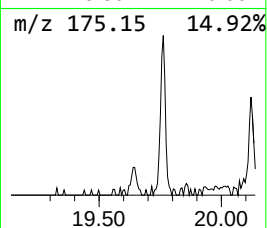
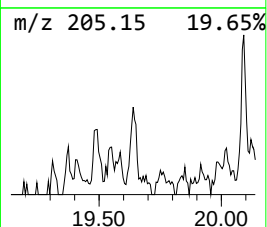
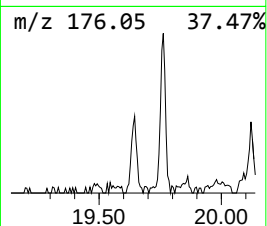
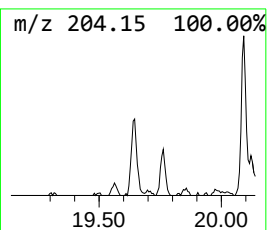
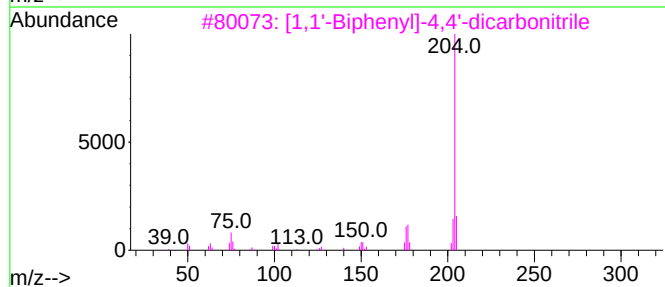
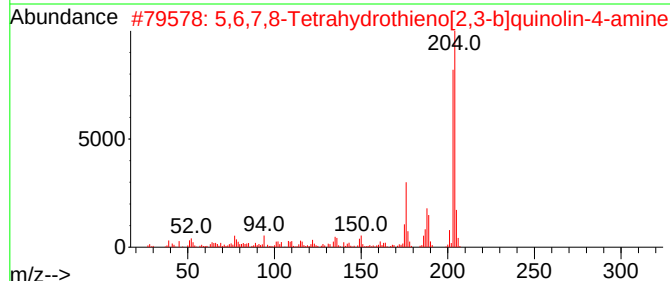
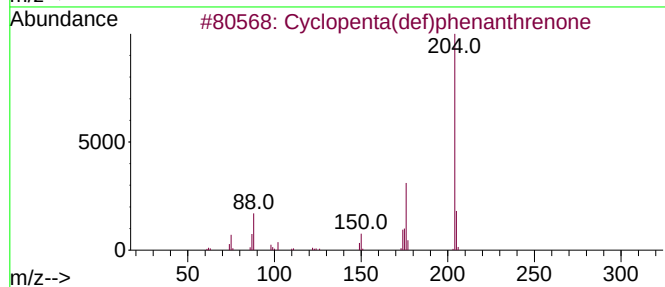
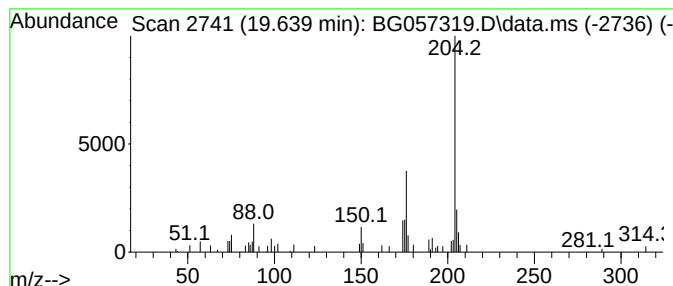
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.639	2.24 ng/ul	36459	Phenanthrene-d10		17.730	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	83
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...		204	C11H12N2S	122914-50-5	72
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile		204	C14H8N2	001591-30-6	64
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...		330	C17H15ClN2OS	1010296-34-3	59
5	1,2,4-Triazolo[2,3-c]thieno[3,2-...		204	C9H8N4S	113246-88-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057319.D
Acq On : 5 May 2023 15:39
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Sample : 02479-13DL 20X
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Instrument :
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ClientSampleId :
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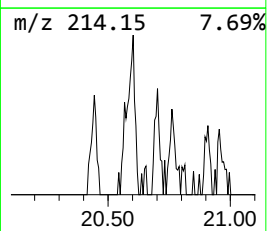
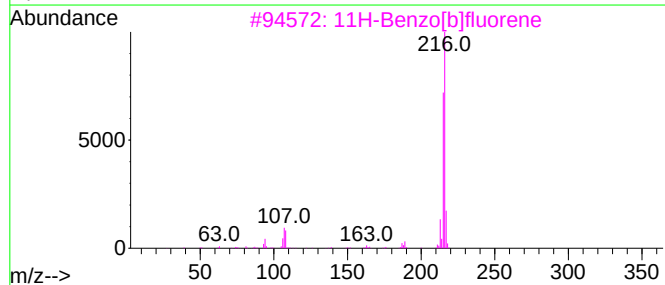
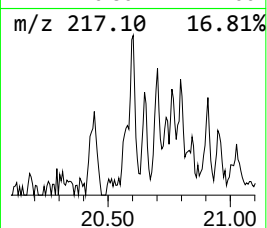
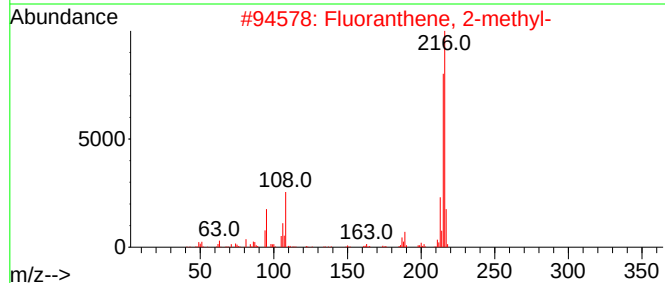
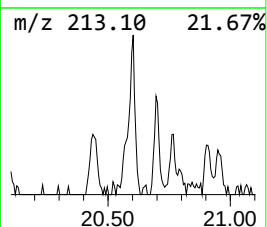
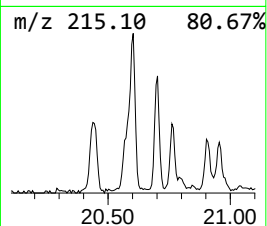
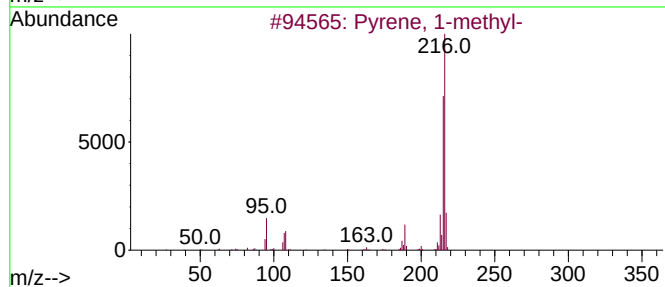
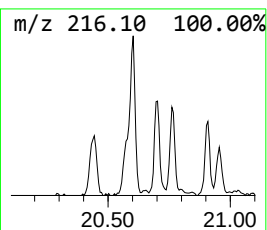
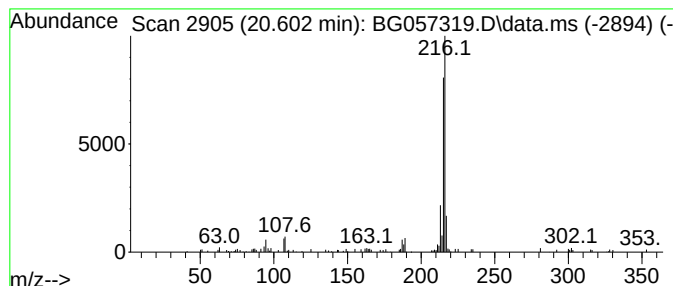
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Quant Title : SVOA CALIBRATION

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.
20.602	2.96 ng/ul	104494	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	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057319.D
Acq On : 5 May 2023 15:39
Operator : CG/JU
Sample : 02479-13DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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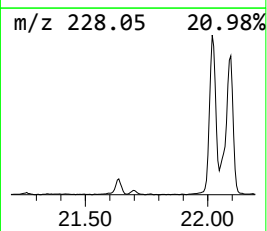
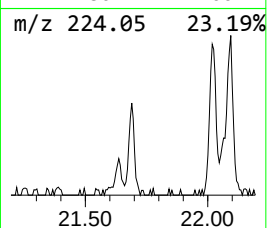
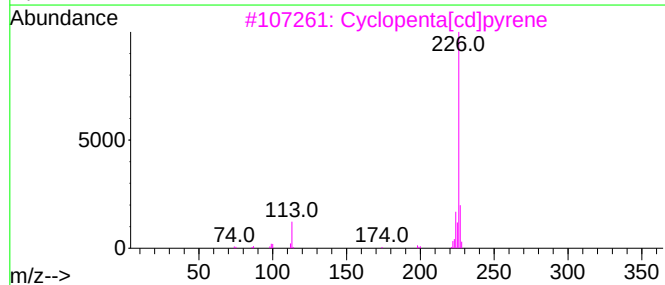
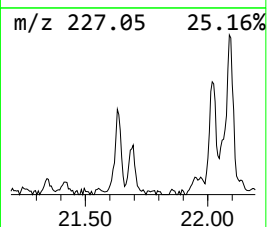
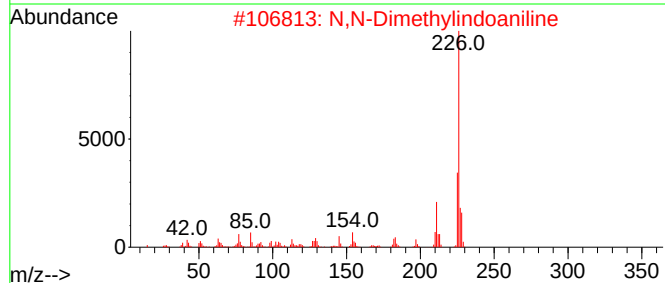
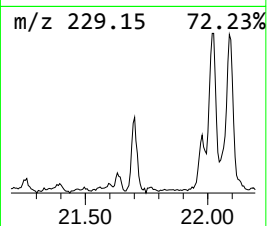
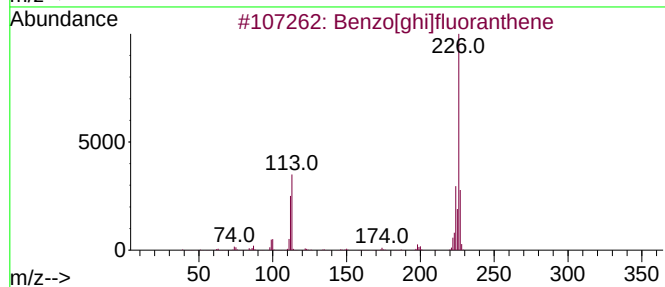
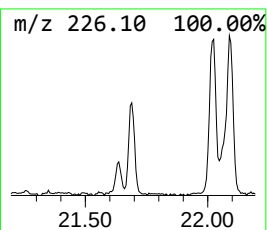
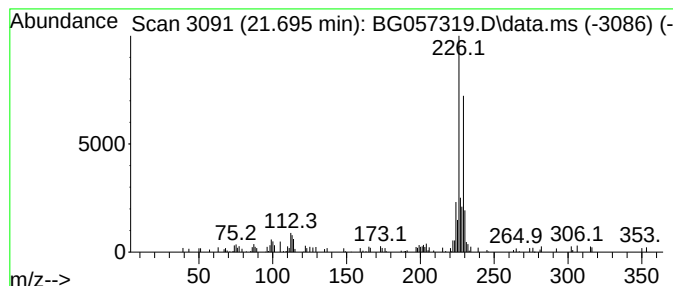
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzo[ghi]fluoranthene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.695	2.04 ng/ul	72110	Chrysene-d12	22.042

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	50
2			N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	43
3			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	35
4			Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	35
5			5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057319.D
Acq On : 5 May 2023 15:39
Operator : CG/JU
Sample : 02479-13DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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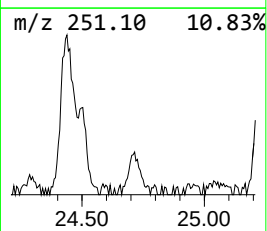
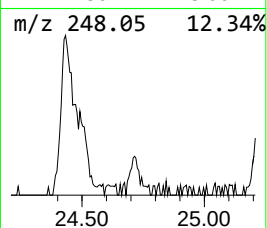
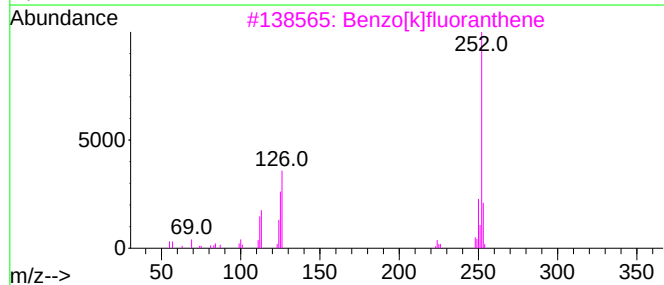
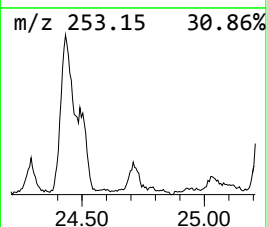
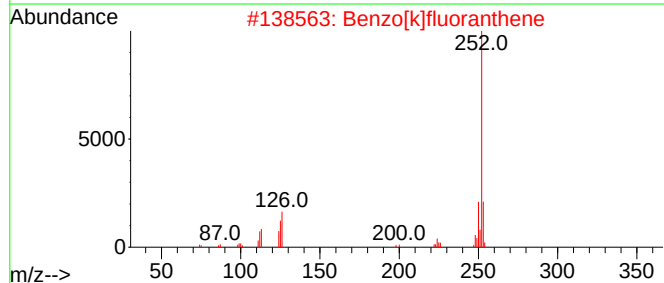
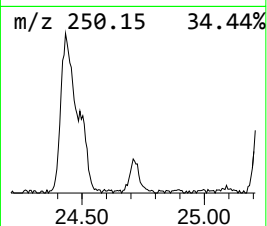
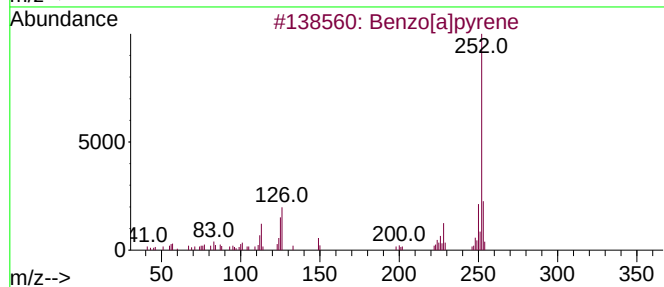
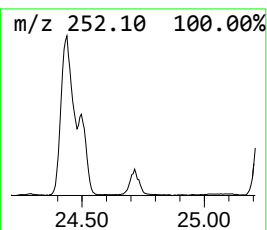
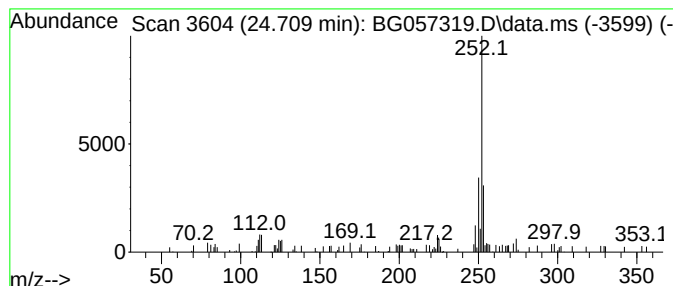
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.709	3.68 ng/ul	49887	Perylene-d12	25.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	64
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	58
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	58
4			Perylene	252	C20H12	000198-55-0	58
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057319.D
Acq On : 5 May 2023 15:39
Operator : CG/JU
Sample : 02479-13DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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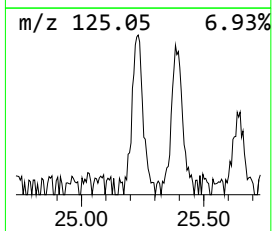
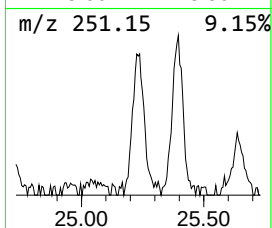
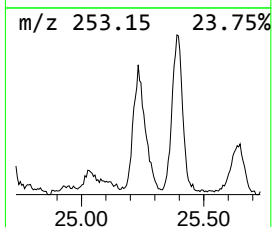
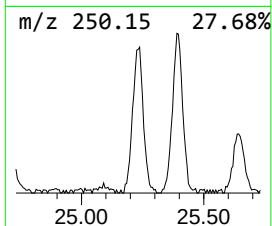
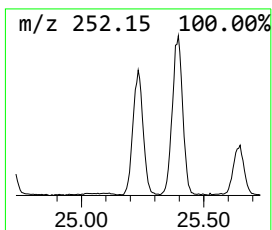
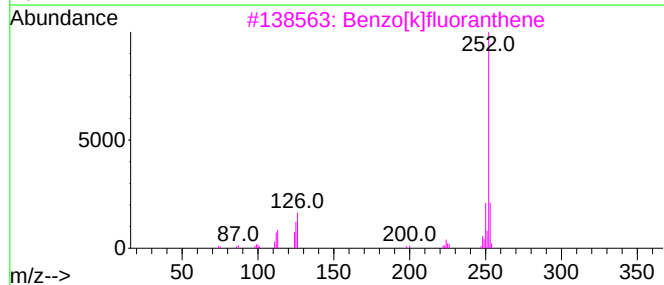
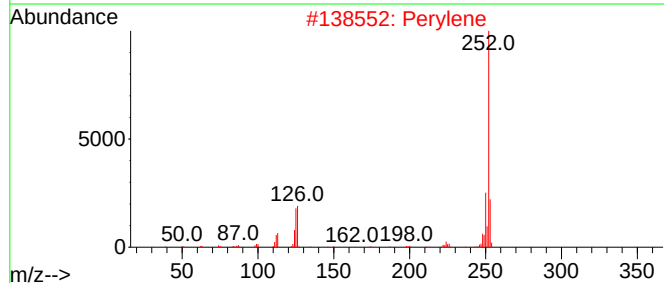
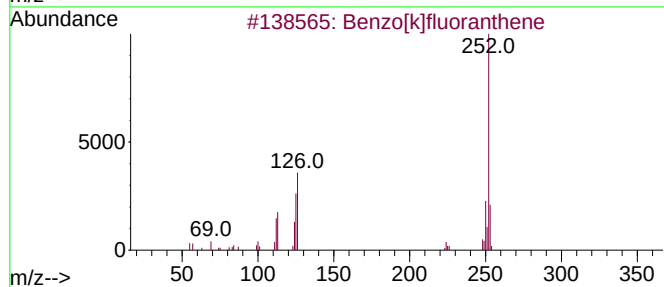
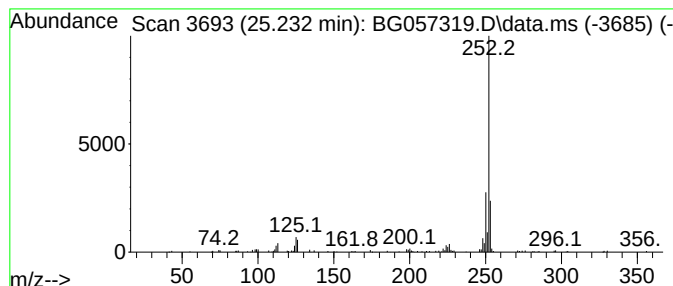
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.232	15.22 ng/ul	206080	Perylene-d12	25.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
2			Perylene	252	C20H12	000198-55-0	90
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4			Perylene	252	C20H12	000198-55-0	81
5			Benzo[e]pyrene	252	C20H12	000192-97-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057319.D
Acq On : 5 May 2023 15:39
Operator : CG/JU
Sample : 02479-13DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

TIC Library : C:\DATABASE\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...	18.640	2.9	ng/u1	47267	4	17.730	326085	20.0
4H-Cyclopenta[d...	18.793	5.2	ng/u1	84500	4	17.730	326085	20.0
Cyclopenta(def)...	19.639	2.2	ng/u1	36459	4	17.730	326085	20.0
Pyrene, 1-methyl-	20.602	3.0	ng/u1	104494	5	22.042	706290	20.0
Benzo[ghi]fluor...	21.695	2.0	ng/u1	72110	5	22.042	706290	20.0
Perylene	24.709	3.7	ng/u1	49887	6	25.561	270837	20.0
Benzo[e]pyrene	25.232	15.2	ng/u1	206080	6	25.561	270837	20.0