

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061378.D
 Acq On : 31 May 2024 4:06
 Operator : MA/JU
 Sample : P2570-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6B3

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-BG052124.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG061378.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.084	10	16	27	rVB	186500	352700	35.03%	2.015%
2	3.613	101	106	111	rVV	9689	16497	1.64%	0.094%
3	3.748	122	129	141	rBV	90576	158288	15.72%	0.904%
4	7.062	685	693	702	rVB	134756	238446	23.68%	1.362%
5	7.203	709	717	729	rBV	86418	138350	13.74%	0.790%
6	7.414	745	753	759	rBV	127949	215808	21.43%	1.233%
7	7.872	823	831	838	rBV	129713	207381	20.60%	1.185%
8	8.589	946	953	963	rBV	150247	250303	24.86%	1.430%
9	9.030	1021	1028	1034	rBV	135447	232189	23.06%	1.326%
10	9.588	1117	1123	1128	rBV2	14450	22286	2.21%	0.127%
11	9.753	1144	1151	1158	rVB	120520	214382	21.29%	1.225%
12	10.299	1236	1244	1255	rBV	176954	312559	31.04%	1.786%
13	10.434	1259	1267	1277	rBV	50364	91406	9.08%	0.522%
14	10.663	1298	1306	1312	rBV	165688	291366	28.94%	1.664%
15	10.716	1312	1315	1321	rVV2	7289	10494	1.04%	0.060%
16	10.804	1323	1330	1341	rVV	108255	198223	19.69%	1.132%
17	11.409	1427	1433	1441	rBV2	13366	25666	2.55%	0.147%
18	13.912	1851	1859	1868	rVV	314638	445655	44.26%	2.546%
19	14.200	1900	1908	1921	rVB	340416	532837	52.92%	3.044%
20	14.506	1953	1960	1967	rBV	255577	394684	39.20%	2.255%
21	14.570	1967	1971	1978	rVB2	14421	23039	2.29%	0.132%
22	14.741	1990	2000	2011	rBV2	106221	222780	22.13%	1.273%
23	14.905	2024	2028	2034	rVB	11535	18765	1.86%	0.107%
24	15.505	2121	2130	2135	rBV	432256	649838	64.54%	3.712%
25	15.558	2135	2139	2144	rVB3	11766	16508	1.64%	0.094%
26	15.640	2146	2153	2159	rBV	136851	212595	21.11%	1.214%
27	16.004	2210	2215	2221	rVB4	7189	13809	1.37%	0.079%
28	16.227	2248	2253	2262	rBV7	10365	22758	2.26%	0.130%
29	16.915	2364	2370	2377	rVB	22052	34913	3.47%	0.199%
30	17.015	2377	2387	2390	rBV7	9413	19745	1.96%	0.113%
31	17.073	2393	2397	2402	rVB2	11498	17933	1.78%	0.102%
32	17.256	2421	2428	2432	rBV	323744	480352	47.71%	2.744%
33	17.297	2432	2435	2440	rVV	243860	352879	35.05%	2.016%
34	17.355	2440	2445	2456	rVB	470497	736981	73.19%	4.210%
35	17.444	2456	2460	2466	rVB3	8558	15975	1.59%	0.091%
36	17.661	2486	2497	2503	rBV2	29117	57003	5.66%	0.326%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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37	17.773	2514	2516	2522	rVB4	8330	11664	1.16%	0.067%
38	17.837	2522	2527	2532	rBV5	10799	19141	1.90%	0.109%
39	18.131	2569	2577	2580	rBV	46607	77991	7.75%	0.446%
40	18.160	2580	2582	2583	rVV	46611	46503	4.62%	0.266%

41	18.178	2583	2585	2590	rVV	66411	97074	9.64%	0.555%
42	18.219	2590	2592	2596	rVV2	7993	10391	1.03%	0.059%
43	18.260	2596	2599	2604	rVB4	9619	13422	1.33%	0.077%
44	18.325	2604	2610	2614	rBV3	52804	99245	9.86%	0.567%
45	18.366	2614	2617	2624	rVB	31556	48542	4.82%	0.277%

46	18.448	2624	2631	2634	rBV7	12855	21660	2.15%	0.124%
47	18.525	2642	2644	2649	rVB6	7088	10121	1.01%	0.058%
48	18.578	2649	2653	2657	rBV5	5443	11037	1.10%	0.063%
49	18.630	2657	2662	2666	rBV	33517	52780	5.24%	0.302%
50	18.677	2666	2670	2675	rVB	58701	84909	8.43%	0.485%

51	18.877	2701	2704	2709	rVV5	19006	27140	2.70%	0.155%
52	18.930	2710	2713	2716	rVV2	17750	21214	2.11%	0.121%
53	18.965	2717	2719	2723	rVB4	14670	18484	1.84%	0.106%
54	19.053	2728	2734	2740	rBV3	36667	79056	7.85%	0.452%
55	19.112	2740	2744	2747	rVB5	9518	11515	1.14%	0.066%

56	19.142	2747	2749	2753	rVB4	13275	14116	1.40%	0.081%
57	19.200	2753	2759	2764	rBV3	39784	83182	8.26%	0.475%
58	19.318	2768	2779	2784	rBV	548873	841416	83.57%	4.807%
59	19.383	2786	2790	2793	rBV2	18336	26616	2.64%	0.152%
60	19.653	2829	2836	2838	rBV	631097	965004	95.84%	5.513%

61	19.676	2838	2840	2849	rVB	448016	597264	59.32%	3.412%
62	19.753	2849	2853	2856	rBV2	31882	46505	4.62%	0.266%
63	19.788	2856	2859	2863	rVB5	14263	18216	1.81%	0.104%
64	19.858	2865	2871	2877	rBV	29027	49312	4.90%	0.282%
65	19.923	2877	2882	2886	rVB2	27716	44051	4.38%	0.252%

66	19.999	2890	2895	2902	rBV6	41417	104508	10.38%	0.597%
67	20.135	2912	2918	2920	rBV7	33201	56361	5.60%	0.322%
68	20.170	2920	2924	2930	rVB	66177	116670	11.59%	0.666%
69	20.270	2937	2941	2945	rBV	40276	53440	5.31%	0.305%
70	20.328	2945	2951	2955	rVV2	57602	105865	10.51%	0.605%

71	20.370	2956	2958	2962	rVV5	18646	16430	1.63%	0.094%
72	20.411	2962	2965	2968	rVB3	11906	13517	1.34%	0.077%
73	20.469	2971	2975	2978	rBV2	39818	51217	5.09%	0.293%
74	20.516	2978	2983	2986	rVV2	43514	61594	6.12%	0.352%
75	20.569	2986	2992	2996	rVB3	29291	49094	4.88%	0.280%

76	20.681	3008	3011	3015	rVB3	21086	25591	2.54%	0.146%
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 Title : SVOA CALIBRATION

77	20.728	3015	3019	3022	rBV4	34412	47259	4.69%	0.270%
78	20.922	3049	3052	3059	rVB	69682	100677	10.00%	0.575%
79	21.098	3077	3082	3086	rBV4	49502	96337	9.57%	0.550%
80	21.145	3086	3090	3092	rVV	47985	71866	7.14%	0.411%
81	21.180	3092	3096	3104	rVV6	84831	245576	24.39%	1.403%
82	21.251	3104	3108	3121	rVB	79229	157432	15.64%	0.899%
83	21.404	3130	3134	3138	rVB	161836	202840	20.15%	1.159%
84	21.509	3144	3152	3156	rBV2	430883	1006880	100.00%	5.752%
85	21.556	3156	3160	3171	rVB	252029	433440	43.05%	2.476%
86	21.697	3181	3184	3189	rVB	46288	66778	6.63%	0.381%
87	21.903	3215	3219	3226	rVB3	34706	65015	6.46%	0.371%
88	22.209	3269	3271	3277	rVB2	47276	72775	7.23%	0.416%
89	22.285	3279	3284	3290	rVV2	58553	99389	9.87%	0.568%
90	22.473	3314	3316	3320	rVB4	22620	27404	2.72%	0.157%
91	22.608	3335	3339	3344	rVB4	15290	30502	3.03%	0.174%
92	22.920	3387	3392	3402	rVB2	103530	229602	22.80%	1.312%
93	23.619	3503	3511	3519	rBV	193908	628838	62.45%	3.592%
94	24.312	3622	3629	3634	rBV	93390	256289	25.45%	1.464%
95	24.388	3634	3642	3648	rVV2	335634	922998	91.67%	5.273%
96	24.453	3648	3653	3663	rVB	169360	425753	42.28%	2.432%
97	24.594	3668	3677	3684	rBV	238840	641154	63.68%	3.663%
98	26.944	4072	4077	4078	rBV5	15032	23833	2.37%	0.136%
99	28.084	4263	4271	4272	rBV	55541	115937	11.51%	0.662%
100	29.177	4450	4457	4469	rVB3	49293	189475	18.82%	1.082%

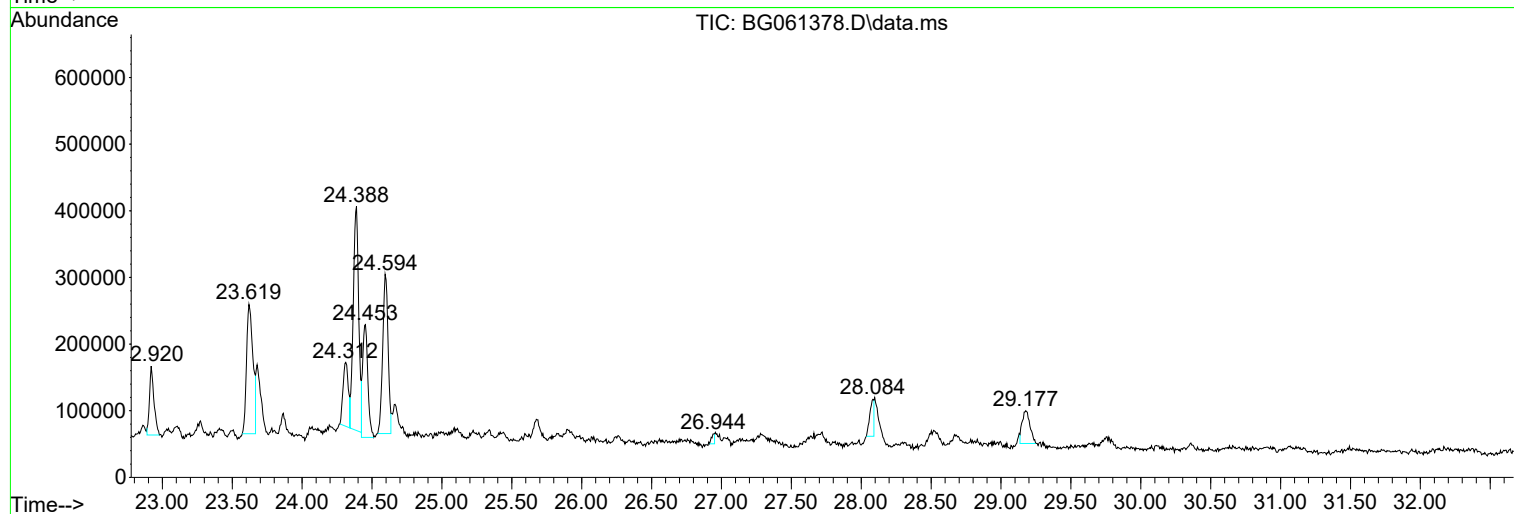
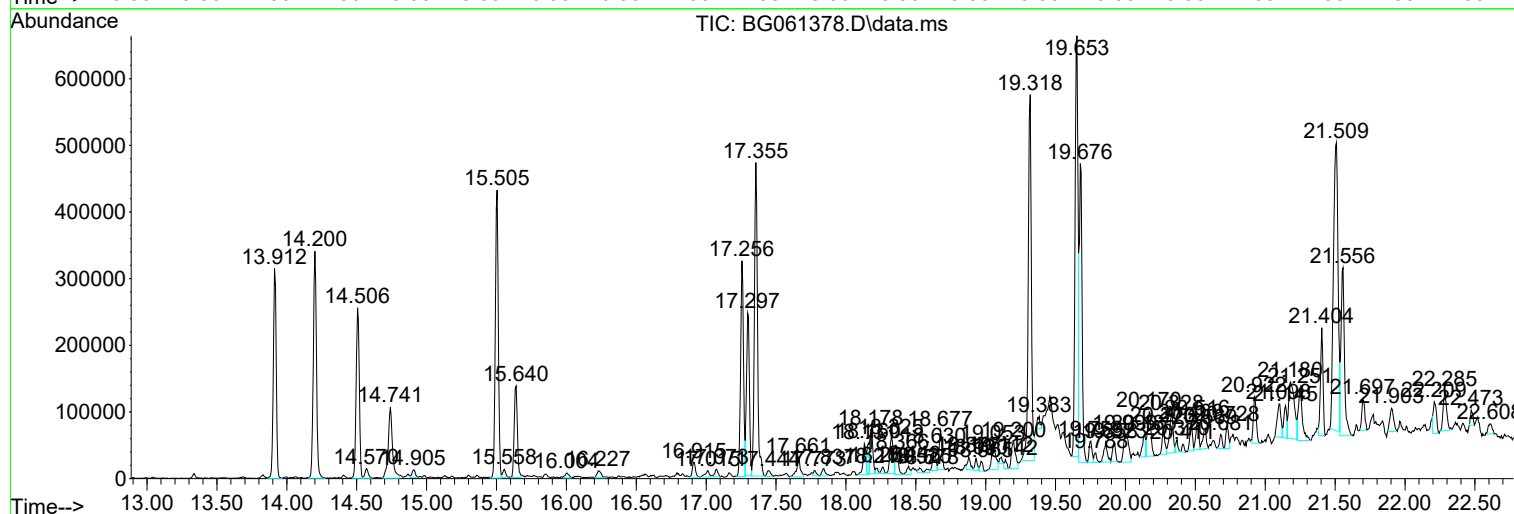
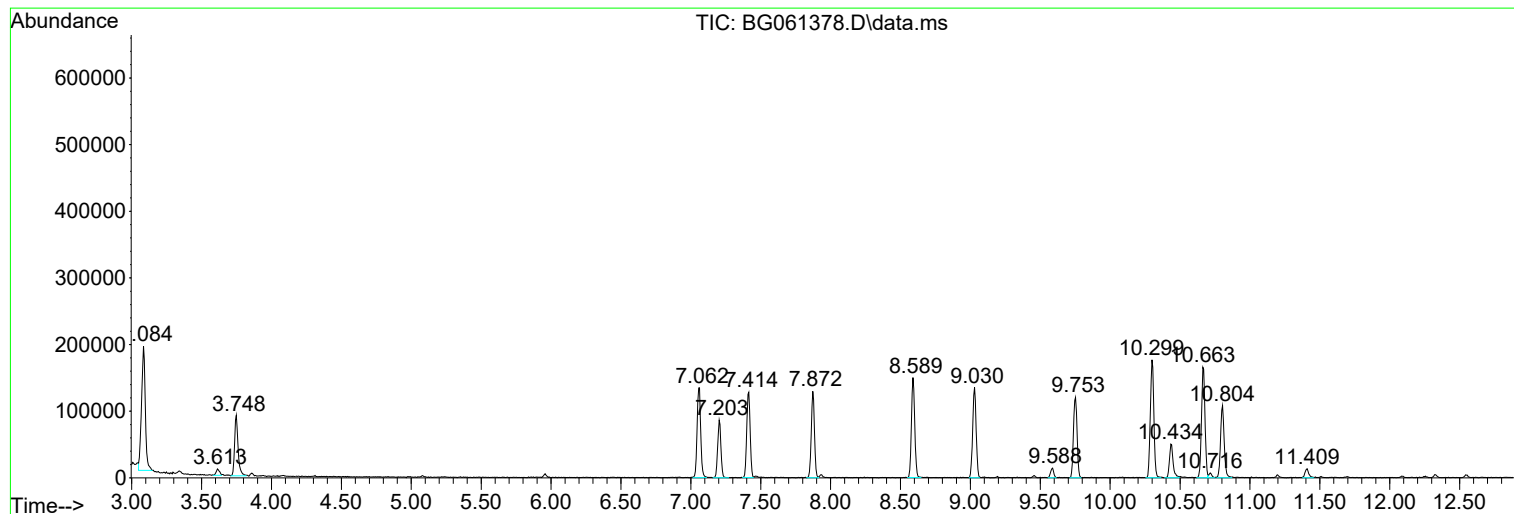
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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



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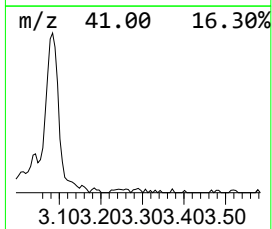
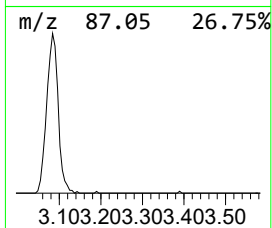
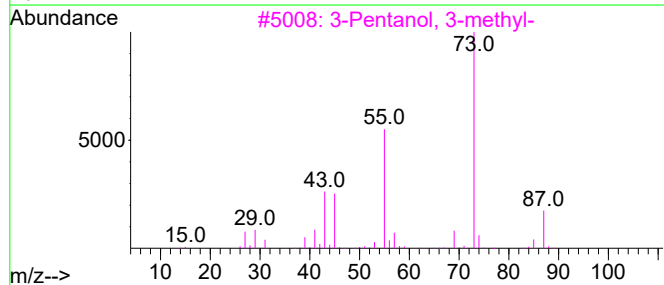
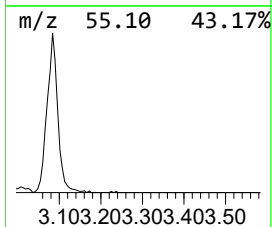
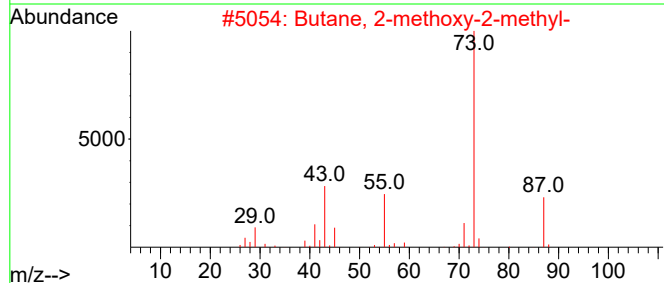
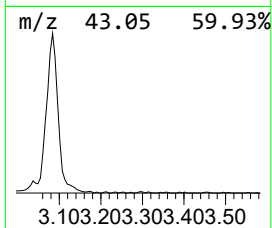
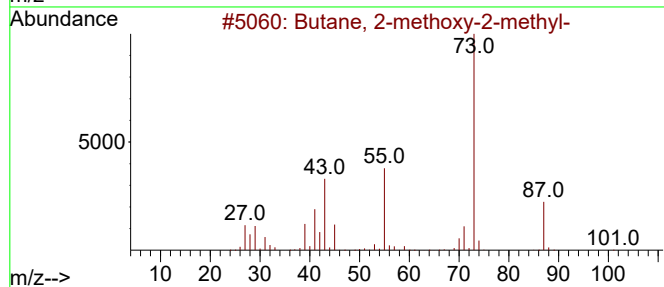
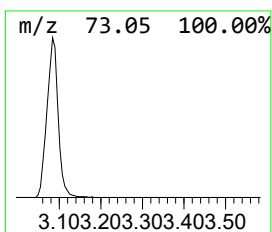
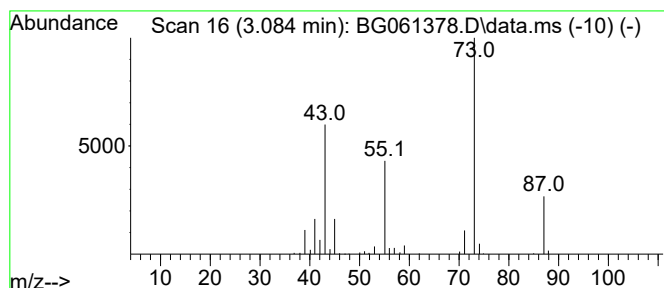
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.084	34.01 ng/ul	352700	1,4-Dichlorobenzene-d4	7.872

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
4			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	25
5			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23



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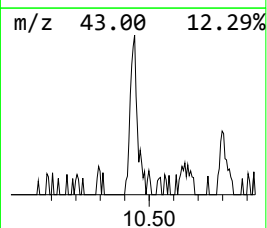
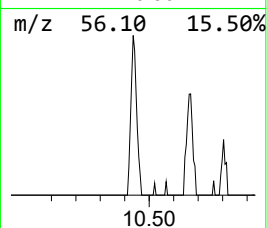
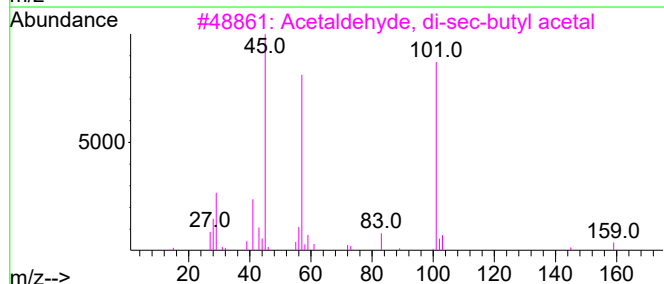
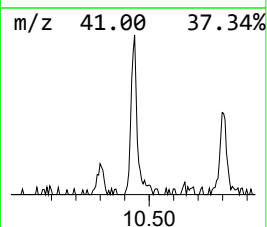
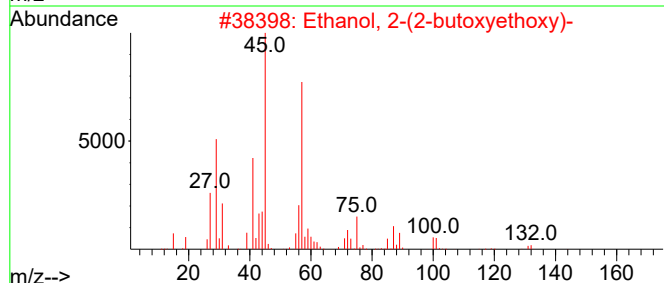
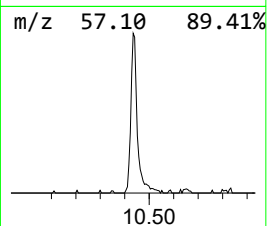
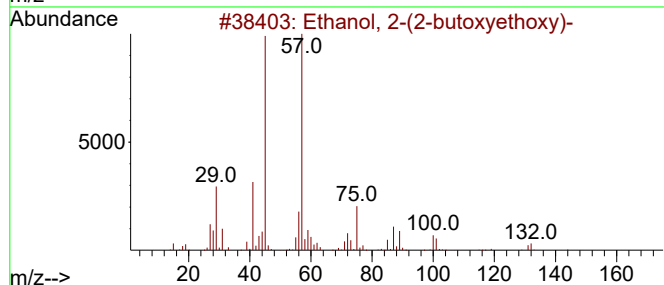
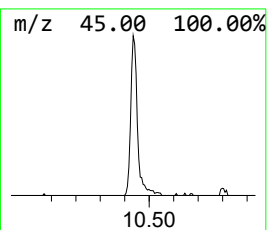
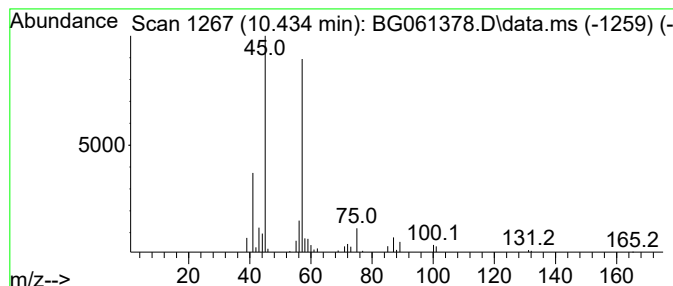
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.434	6.27 ng/ul	91406	Naphthalene-d8	10.663

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
3			Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	59
4			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	58
5			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	56



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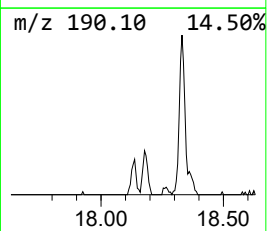
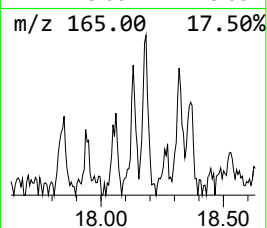
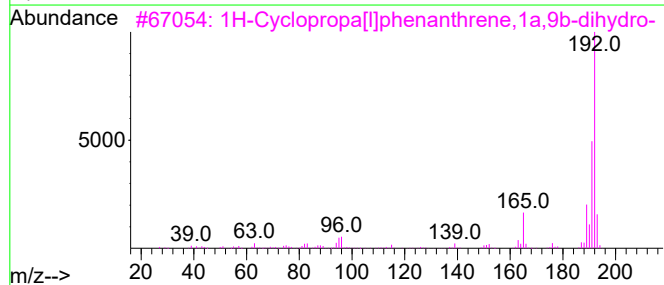
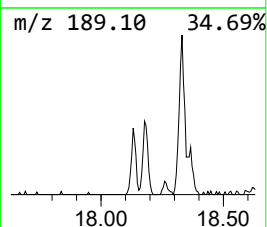
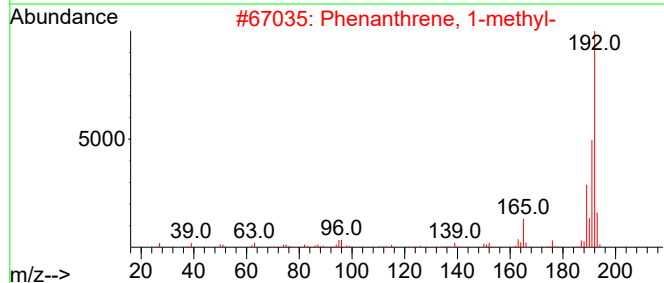
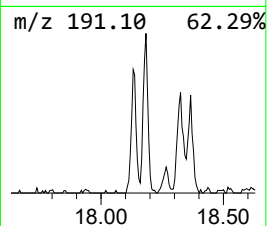
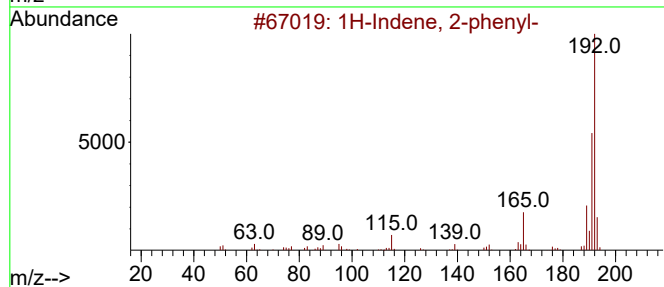
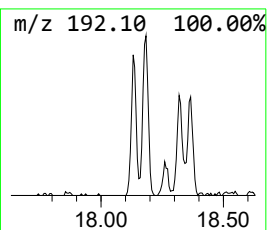
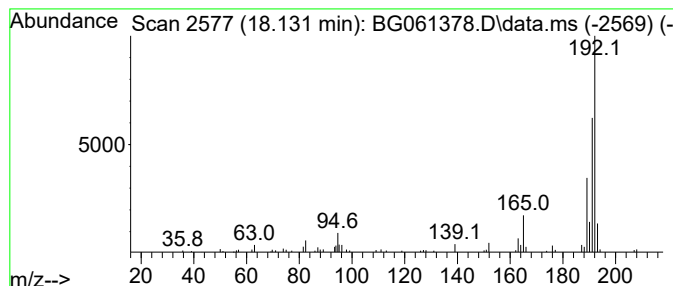
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 1H-Indene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.131	3.25 ng/ul	77991	Phenanthrene-d10	17.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061378.D
Acq On : 31 May 2024 4:06
Operator : MA/JU
Sample : P2570-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B3

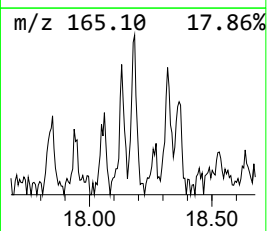
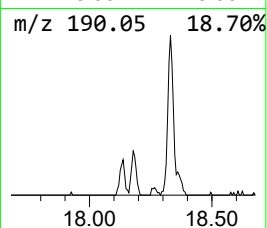
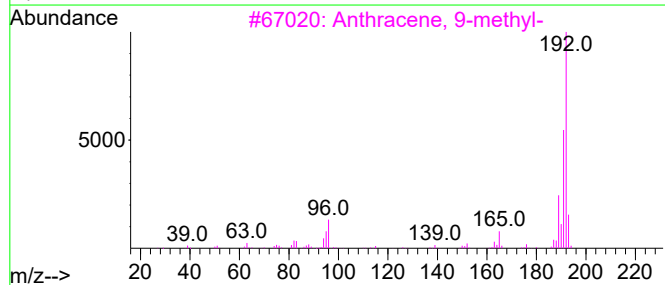
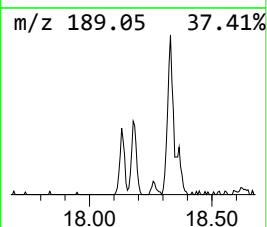
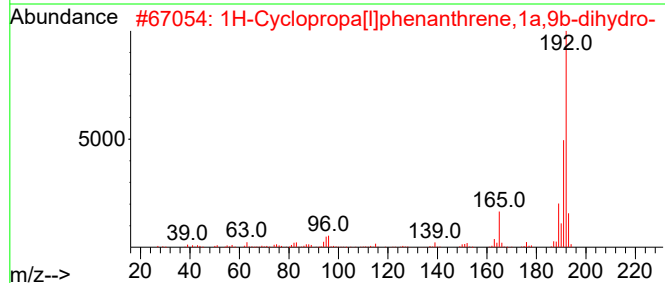
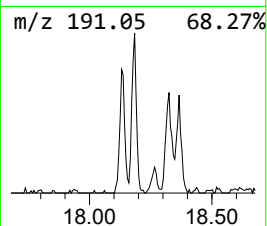
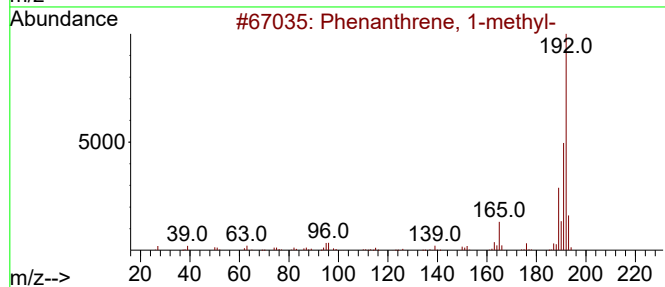
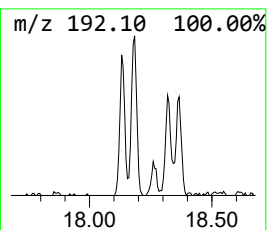
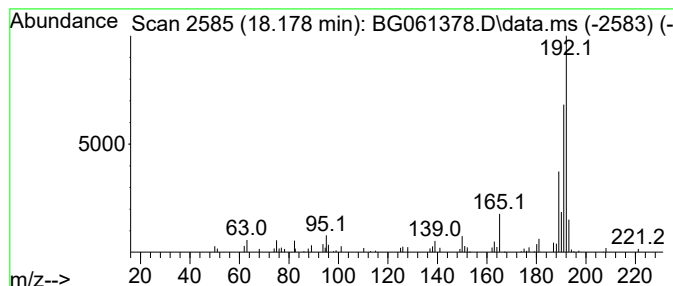
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.178	4.04 ng/ul	97074	Phenanthrene-d10	17.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061378.D
Acq On : 31 May 2024 4:06
Operator : MA/JU
Sample : P2570-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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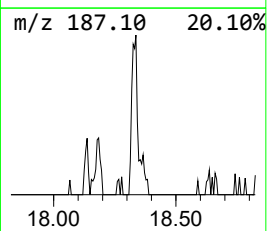
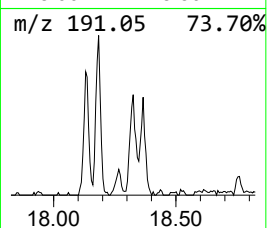
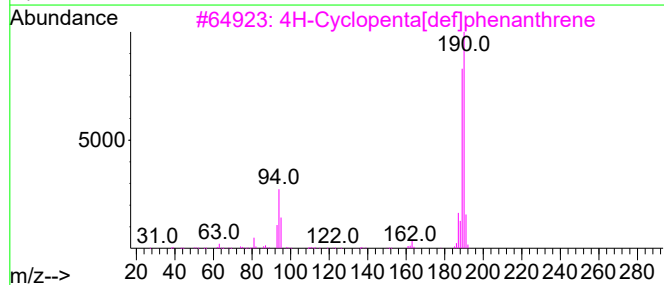
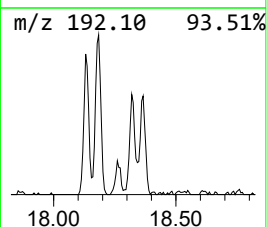
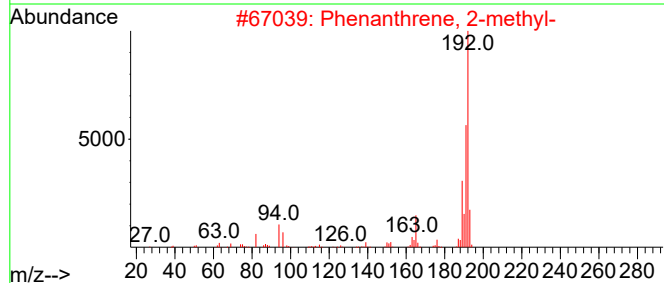
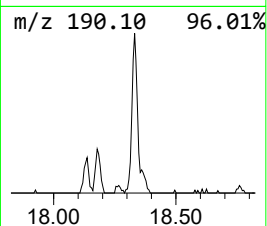
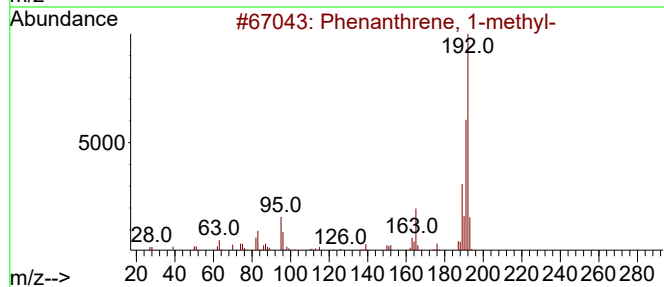
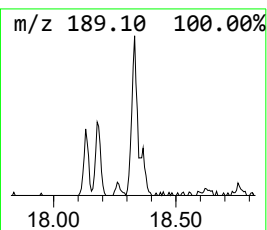
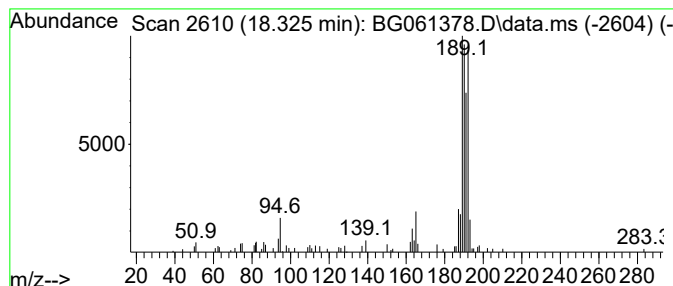
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.325	4.13 ng/ul	99245	Phenanthrene-d10	17.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4			8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	46
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061378.D
Acq On : 31 May 2024 4:06
Operator : MA/JU
Sample : P2570-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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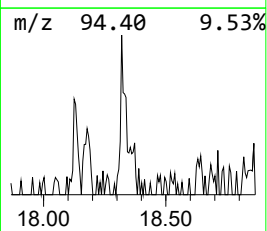
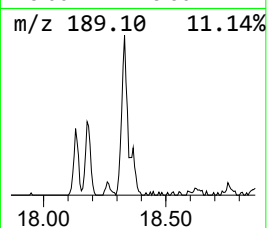
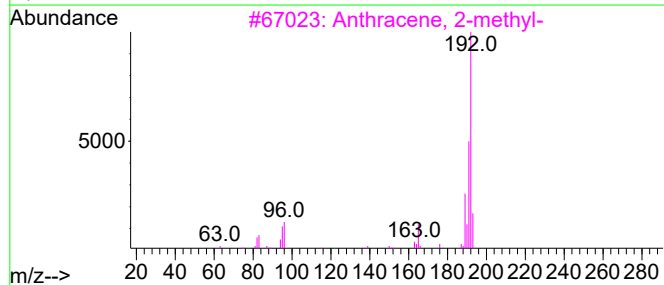
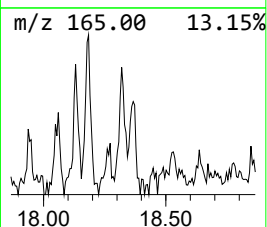
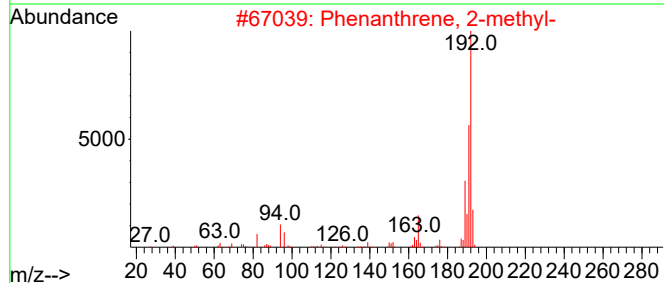
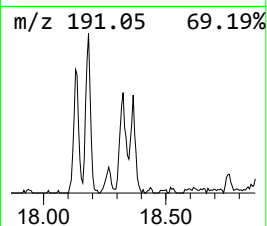
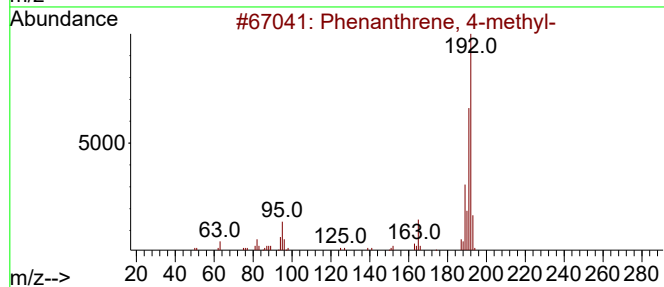
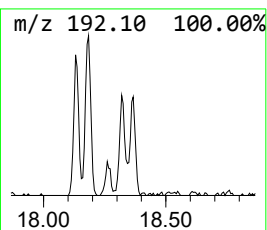
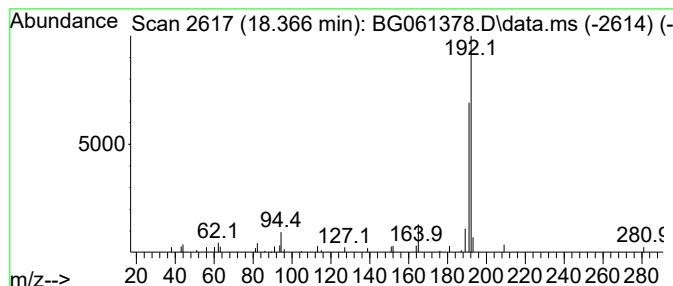
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.366	2.02 ng/ul	48542	Phenanthrene-d10	17.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
5			Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061378.D
Acq On : 31 May 2024 4:06
Operator : MA/JU
Sample : P2570-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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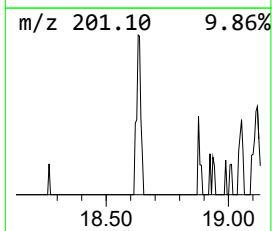
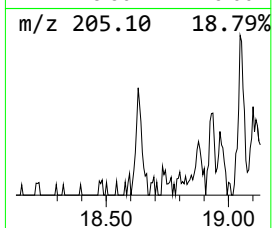
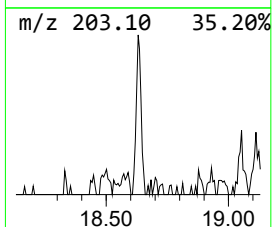
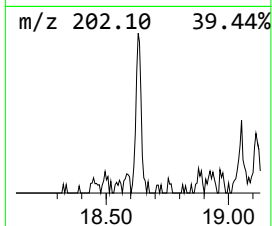
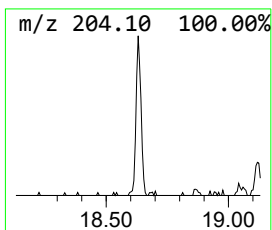
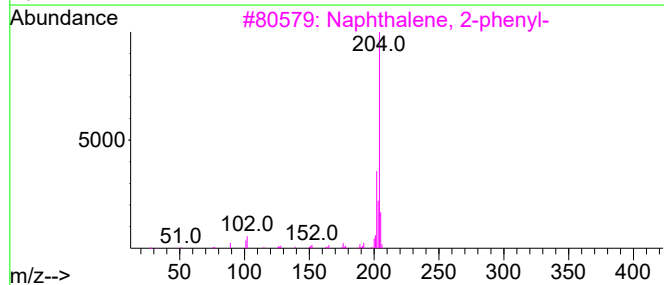
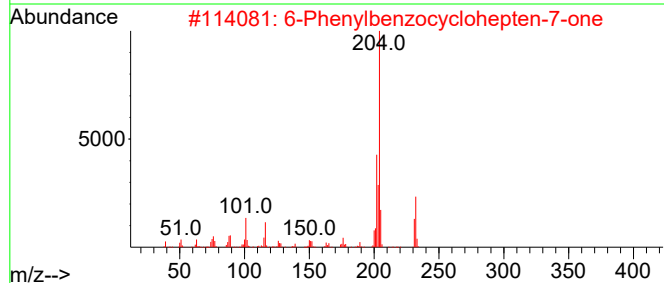
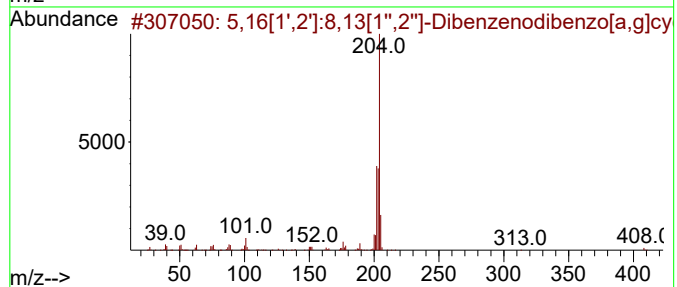
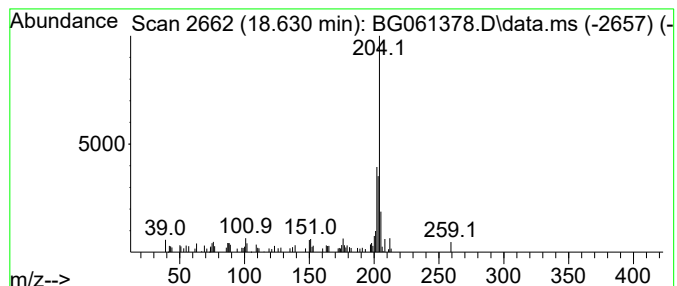
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.630	2.20 ng/ul	52780	Phenanthrene-d10	17.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86		
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	78		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64		
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64		
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061378.D
Acq On : 31 May 2024 4:06
Operator : MA/JU
Sample : P2570-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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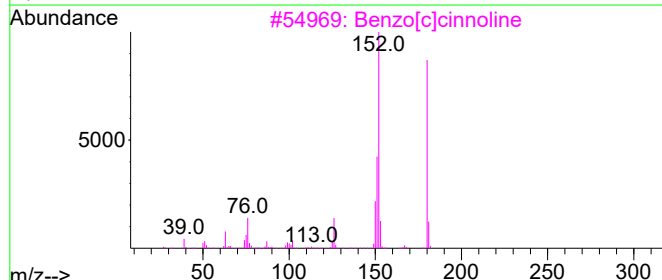
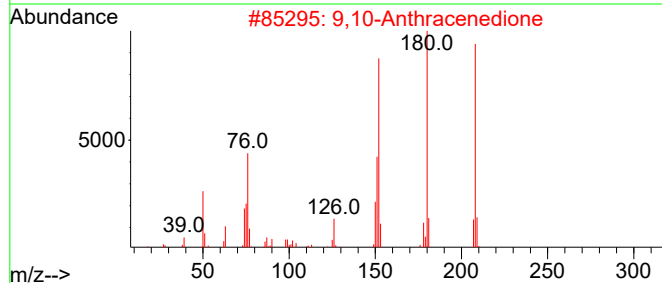
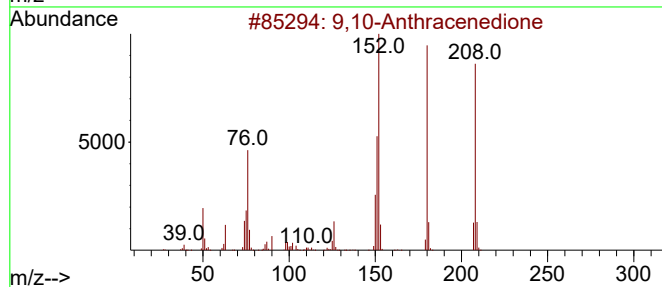
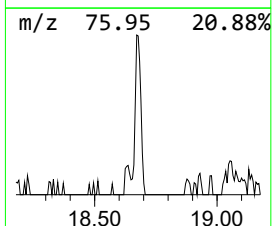
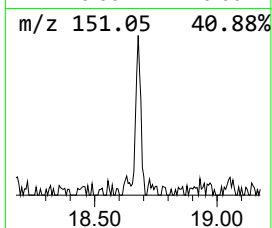
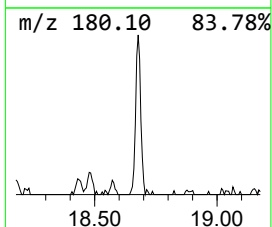
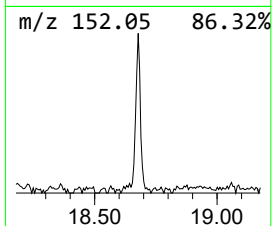
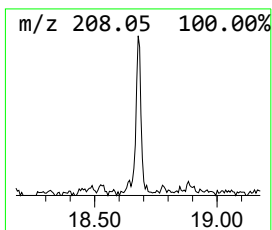
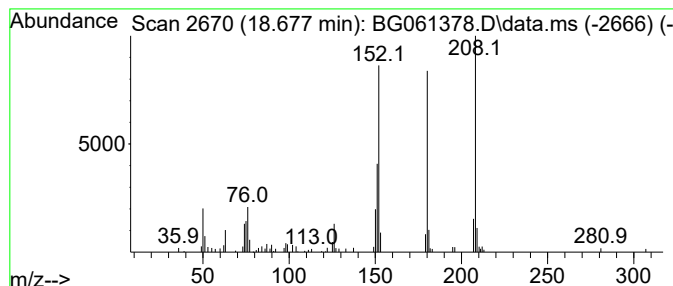
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.677	3.54 ng/ul	84909	Phenanthrene-d10	17.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
3	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	93
4	Benzo[h]cinnoline			180	C12H8N2	000230-31-9	91
5	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
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Sample : P2570-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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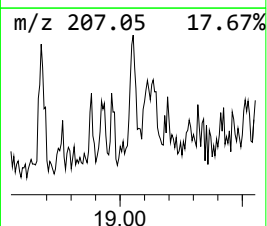
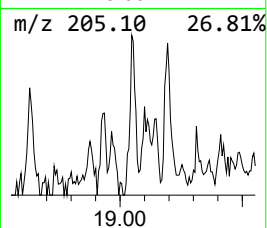
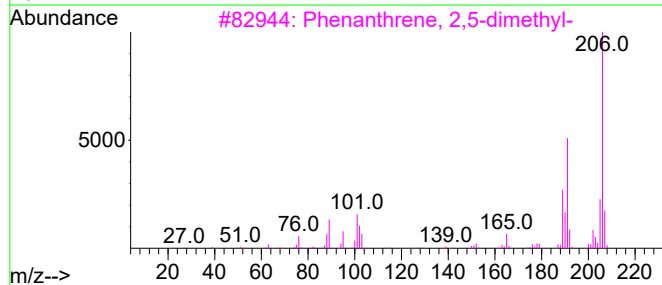
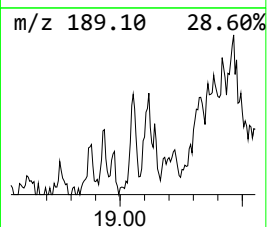
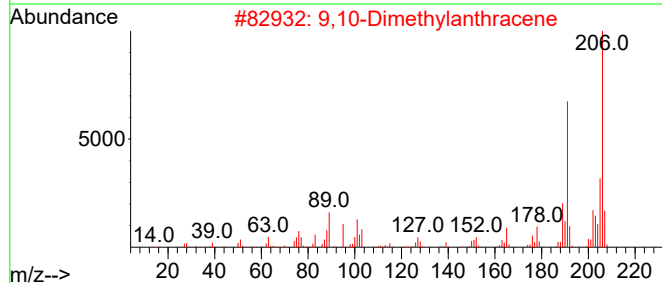
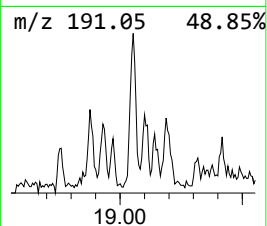
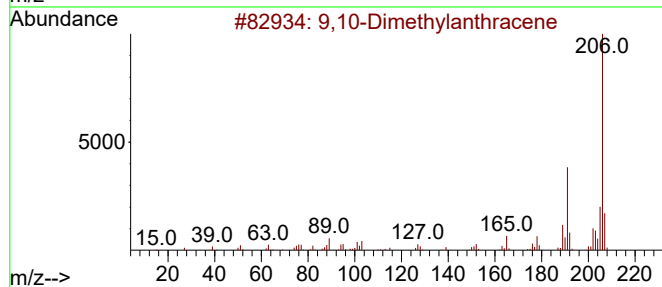
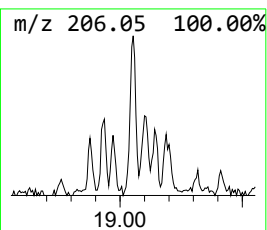
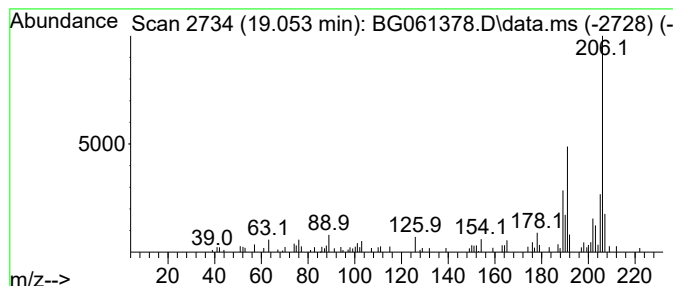
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 9,10-Dimethylantracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.054	3.29 ng/ul	79056	Phenanthrene-d10	17.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene	206	C16H14	000781-43-1	91		
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	90		
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90		
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90		
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061378.D
Acq On : 31 May 2024 4:06
Operator : MA/JU
Sample : P2570-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

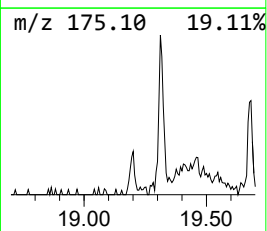
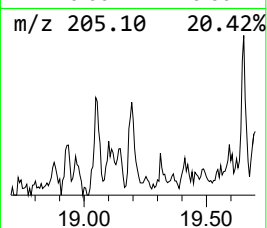
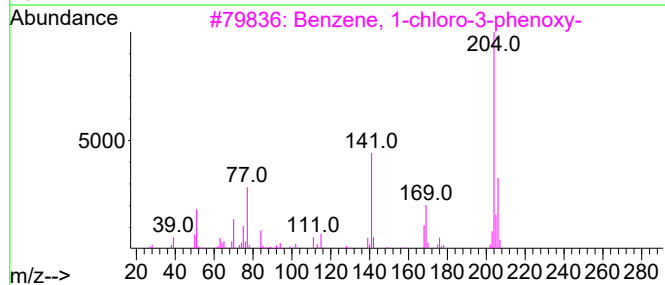
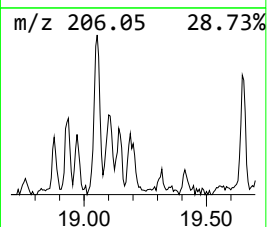
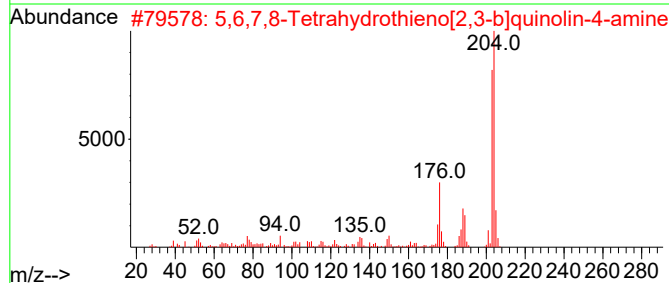
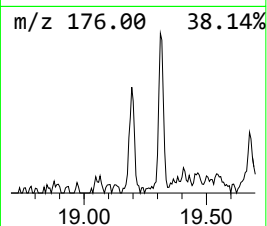
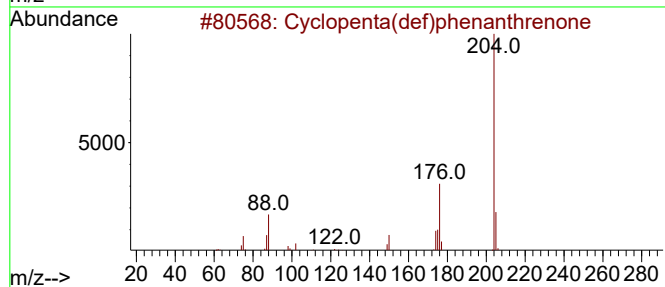
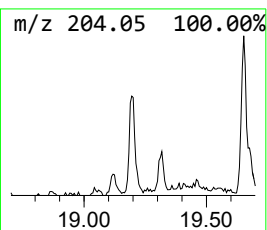
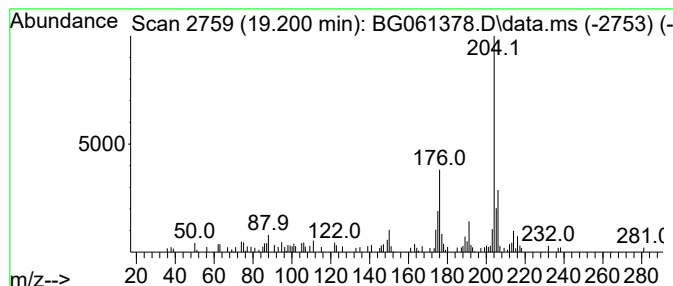
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.200	3.46 ng/ul	83182	Phenanthrene-d10		17.256	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	70
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...		204	C11H12N2S	122914-50-5	53
3	Benzene, 1-chloro-3-phenoxy-		204	C12H9ClO	006452-49-9	47
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile		204	C14H8N2	001591-30-6	46
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile		204	C14H8N2	001591-30-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061378.D
Acq On : 31 May 2024 4:06
Operator : MA/JU
Sample : P2570-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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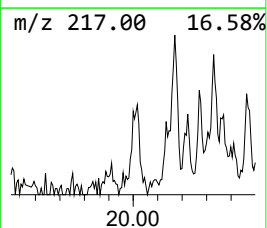
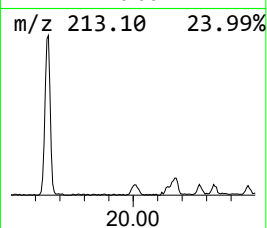
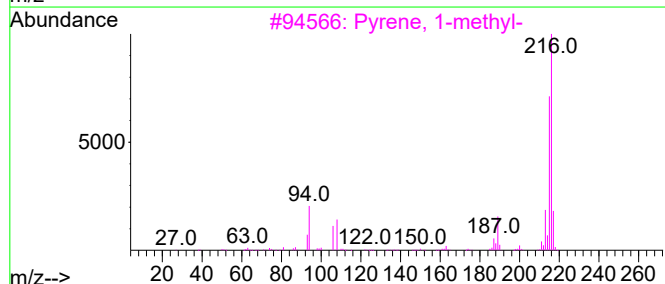
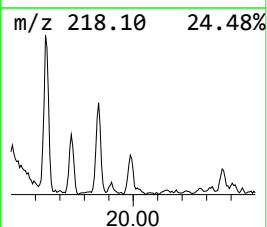
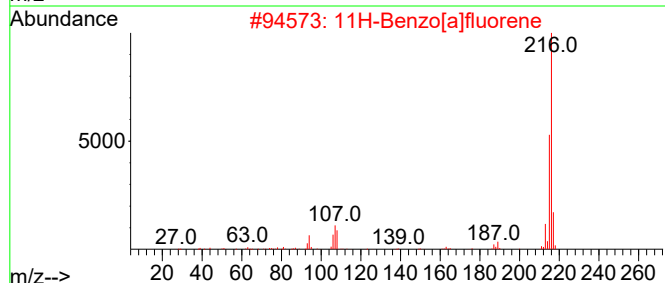
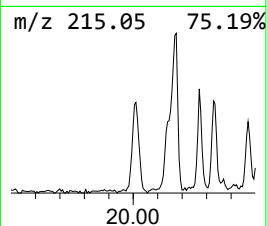
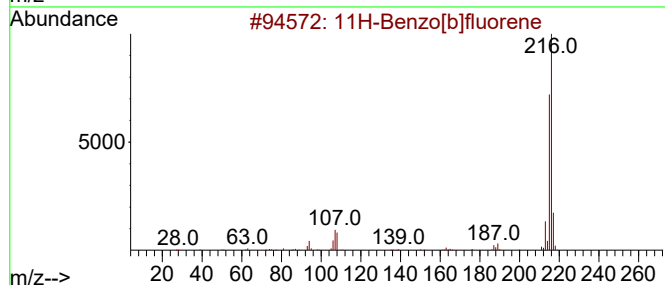
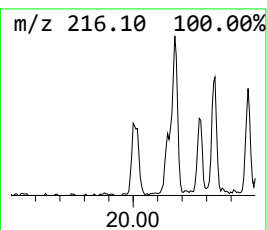
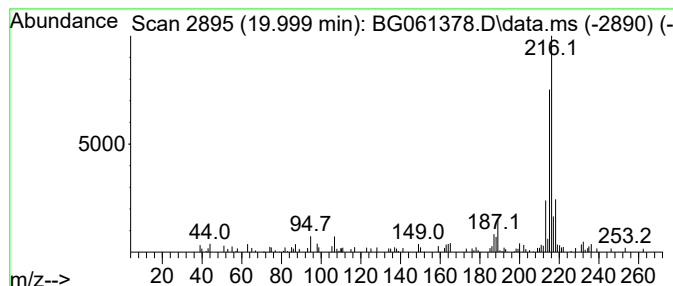
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.999	2.08 ng/ul	104508	Chrysene-d12	21.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061378.D
Acq On : 31 May 2024 4:06
Operator : MA/JU
Sample : P2570-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B3

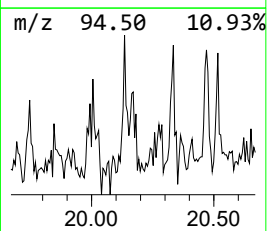
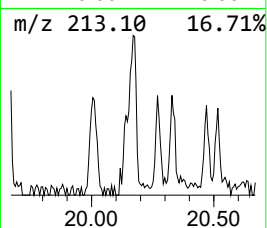
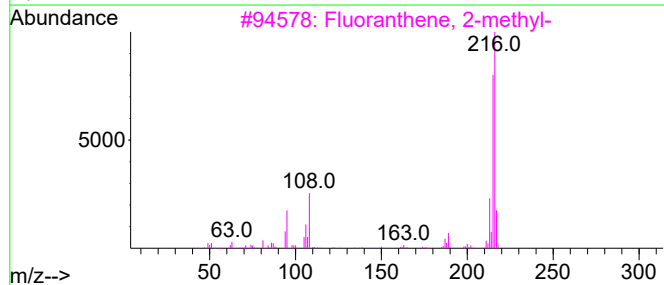
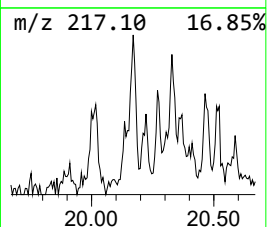
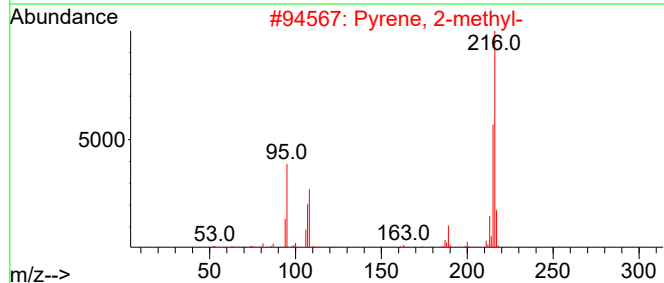
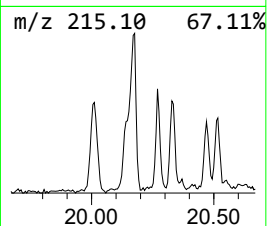
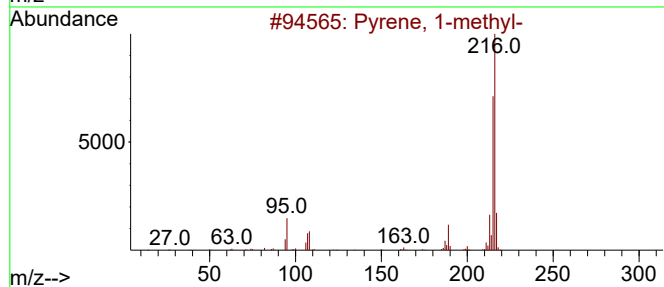
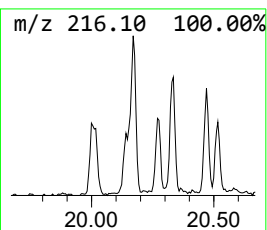
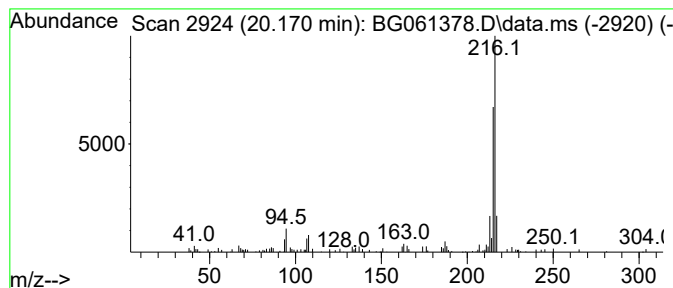
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.170	2.32 ng/ul	116670	Chrysene-d12	21.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061378.D
Acq On : 31 May 2024 4:06
Operator : MA/JU
Sample : P2570-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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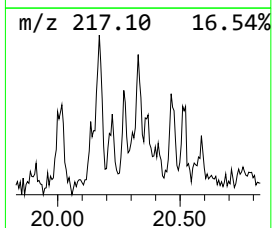
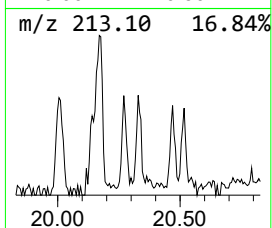
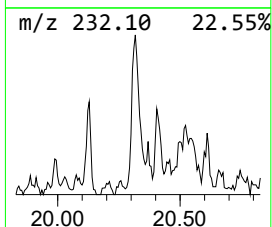
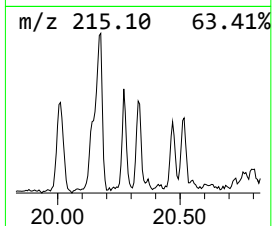
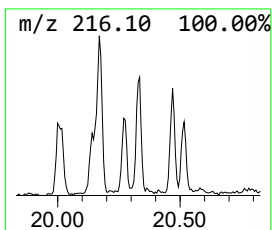
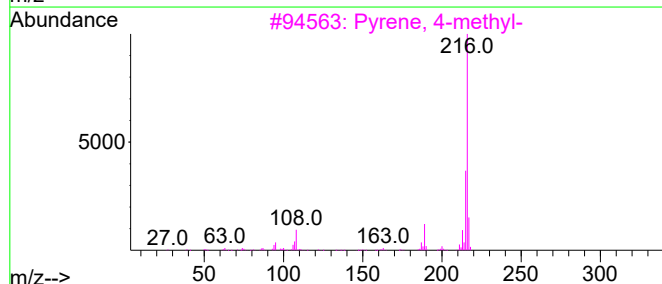
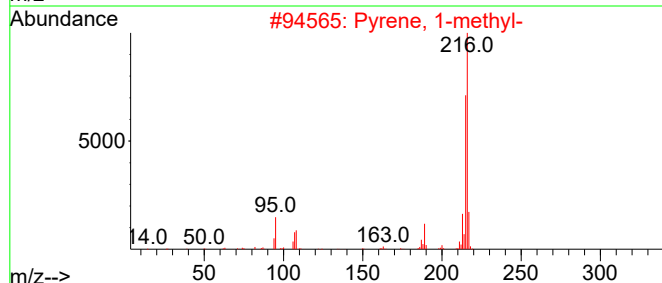
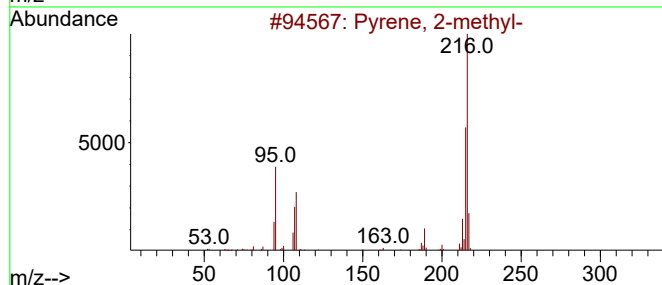
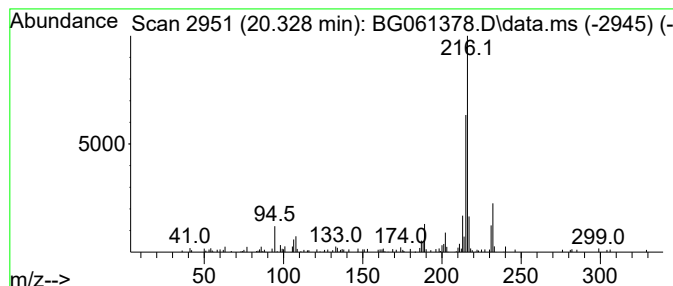
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.328	2.10 ng/ul	105865	Chrysene-d12	21.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061378.D
Acq On : 31 May 2024 4:06
Operator : MA/JU
Sample : P2570-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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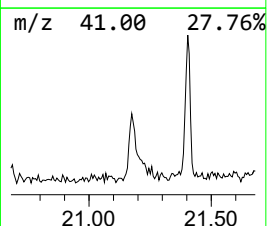
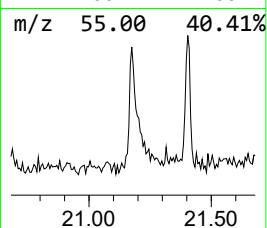
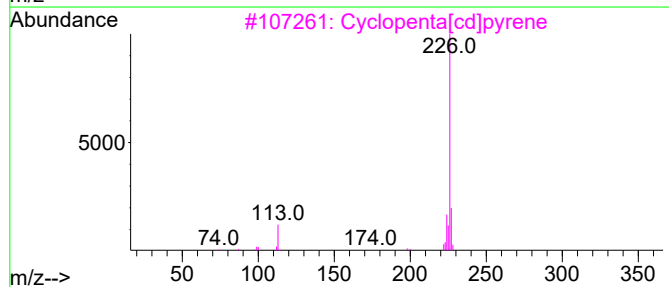
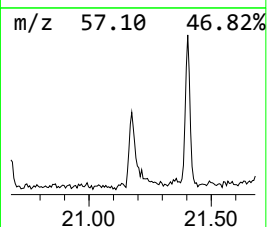
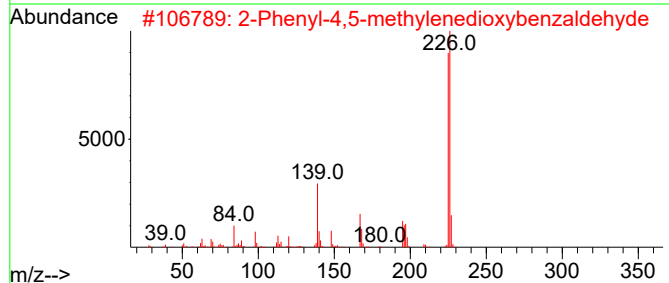
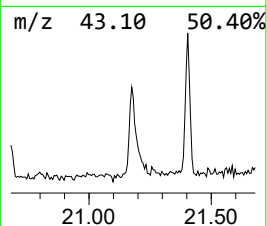
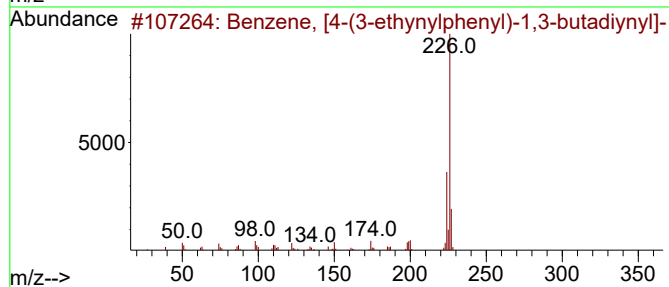
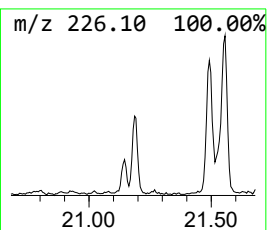
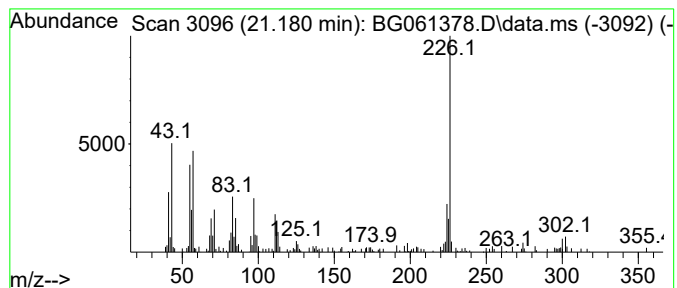
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	4.88 ng/ul	245576	Chrysene-d12	21.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	47
2			2-Phenyl-4,5-methylenedioxybenza...	226	C14H10O3	004432-95-5	47
3			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
4			N-(2-Methyl-5-oxo-5H-chromeno[3,...	282	C16H14N2O3	1000295-08-0	38
5			2,7-Diamino-9H-xanthen-9-one	226	C13H10N2O2	019706-54-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061378.D
Acq On : 31 May 2024 4:06
Operator : MA/JU
Sample : P2570-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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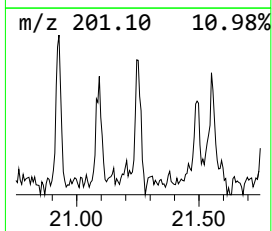
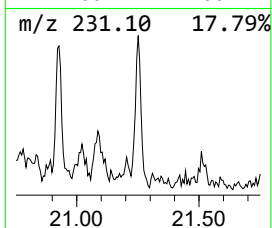
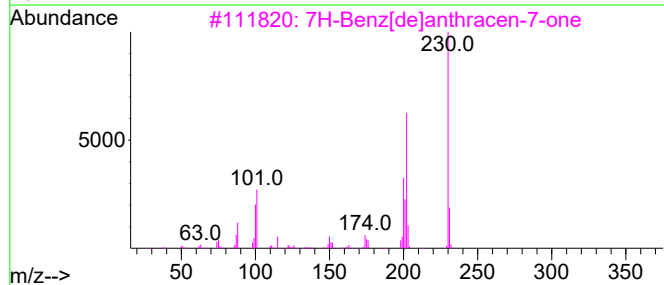
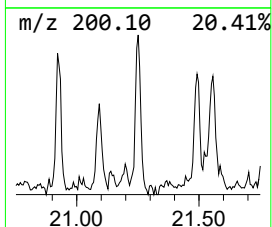
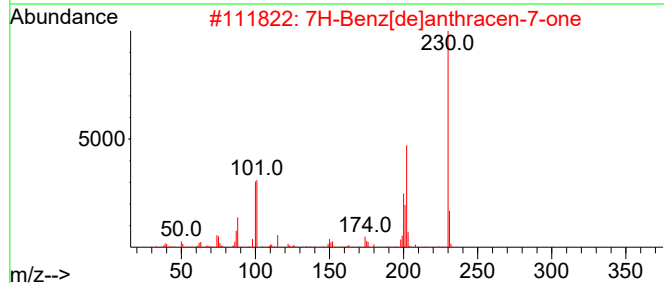
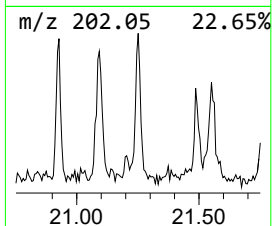
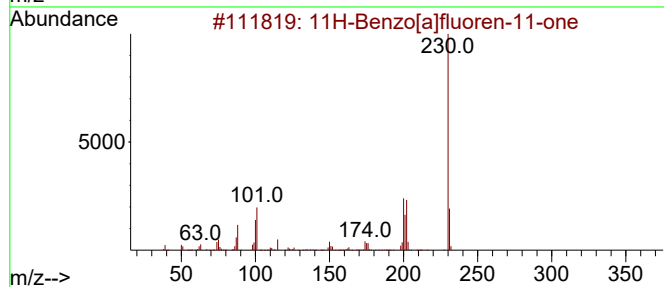
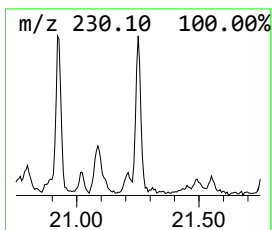
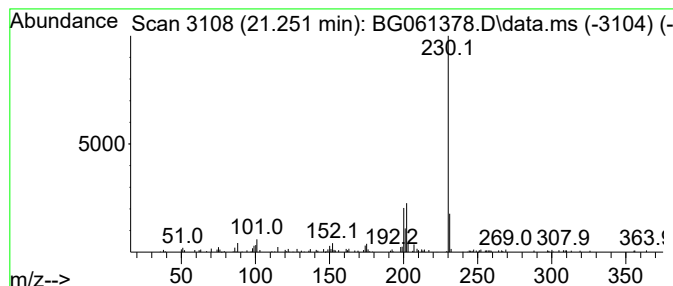
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.251	3.13 ng/ul	157432	Chrysene-d12	21.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
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Acq On : 31 May 2024 4:06
Operator : MA/JU
Sample : P2570-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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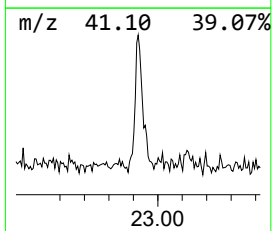
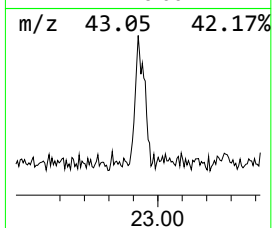
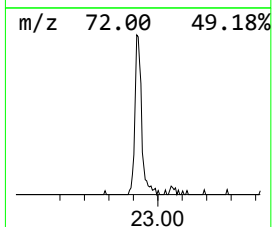
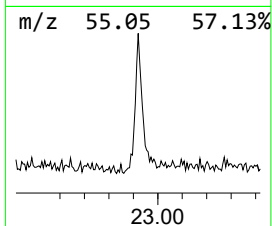
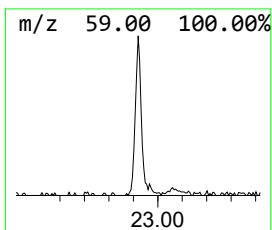
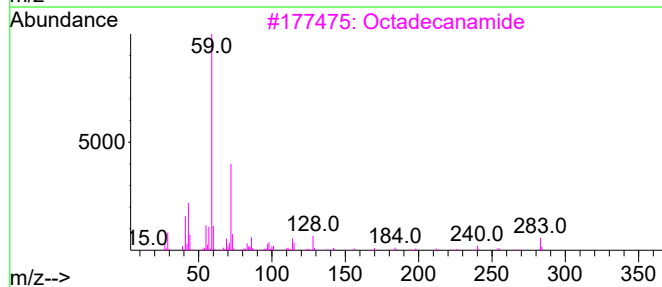
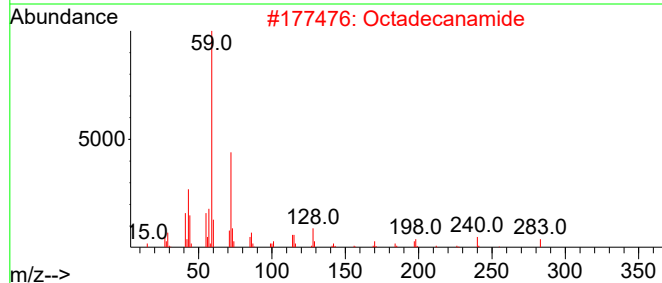
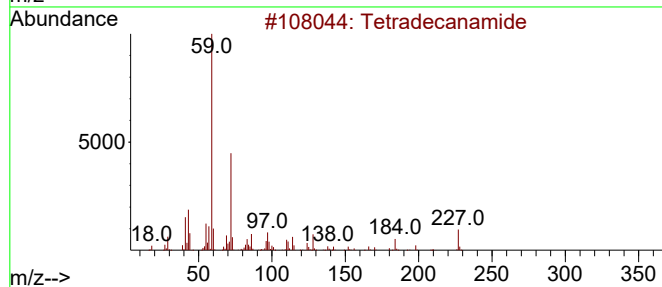
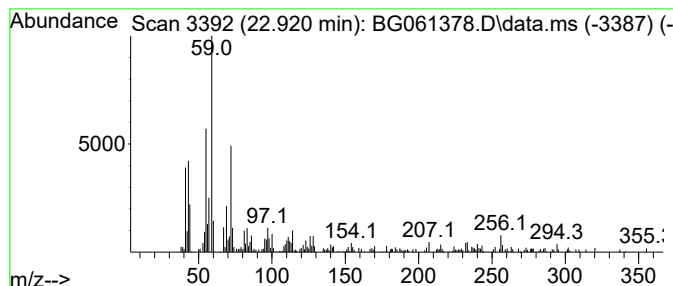
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Tetradecanamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.919	4.56 ng/ul	229602	Chrysene-d12	21.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanamide	227	C14H29NO	000638-58-4	91
2			Octadecanamide	283	C18H37NO	000124-26-5	91
3			Octadecanamide	283	C18H37NO	000124-26-5	87
4			Octadecanamide	283	C18H37NO	000124-26-5	80
5			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061378.D
Acq On : 31 May 2024 4:06
Operator : MA/JU
Sample : P2570-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B3

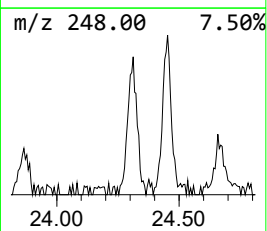
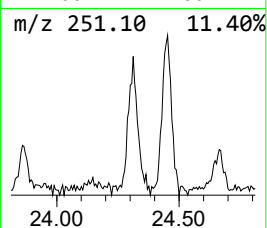
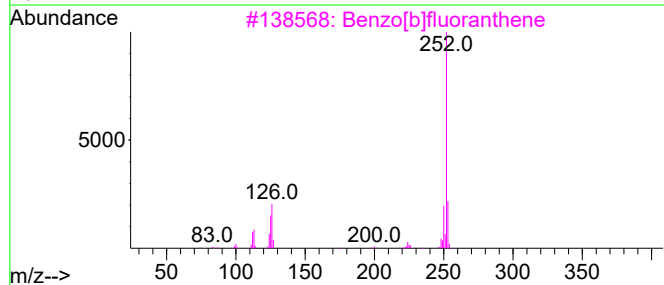
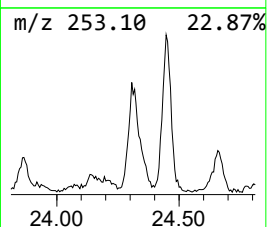
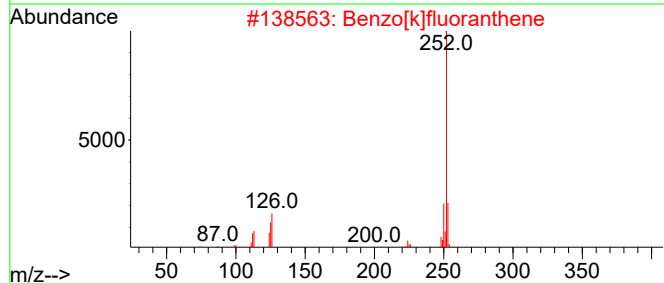
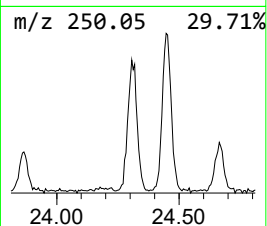
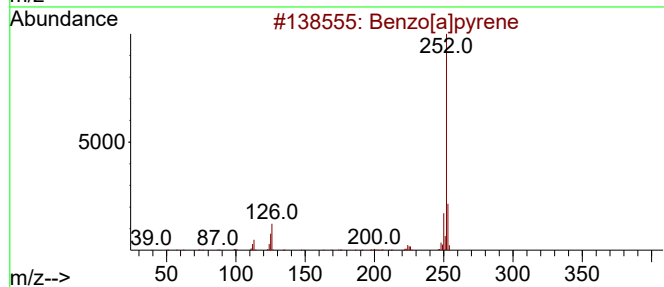
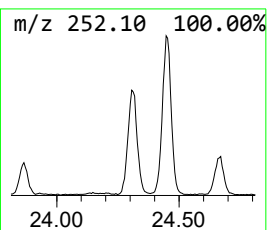
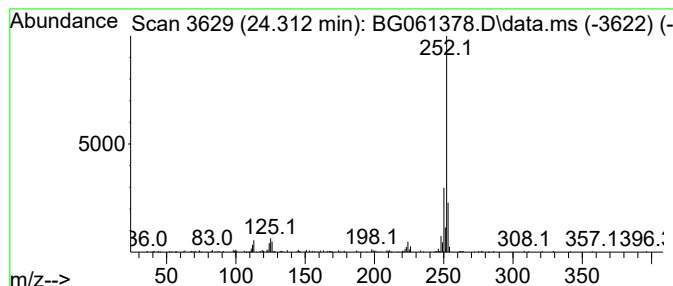
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.312	7.99 ng/ul	256289	Perylene-d12	24.594

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	91
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5			Benzo[e]pyrene	252	C20H12	000192-97-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061378.D
Acq On : 31 May 2024 4:06
Operator : MA/JU
Sample : P2570-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6B3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.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
Butane, 2-metho...	3.084	34.0	ng/ul	352700	1	7.872	207381	20.0
Ethanol, 2-(2-b...	10.434	6.3	ng/ul	91406	2	10.663	291366	20.0
1H-Indene, 2-ph...	18.131	3.3	ng/ul	77991	4	17.256	480352	20.0
Phenanthrene, 1...	18.178	4.0	ng/ul	97074	4	17.256	480352	20.0
Phenanthrene, 2...	18.325	4.1	ng/ul	99245	4	17.256	480352	20.0
Phenanthrene, 4...	18.366	2.0	ng/ul	48542	4	17.256	480352	20.0
5,16[1',2']:8,1...	18.630	2.2	ng/ul	52780	4	17.256	480352	20.0
9,10-Anthracene...	18.677	3.5	ng/ul	84909	4	17.256	480352	20.0
9,10-Dimethylan...	19.054	3.3	ng/ul	79056	4	17.256	480352	20.0
Cyclopenta(def)...	19.200	3.5	ng/ul	83182	4	17.256	480352	20.0
11H-Benzo[b]flu...	19.999	2.1	ng/ul	104508	5	21.509	1006880	20.0
Pyrene, 1-methyl-	20.170	2.3	ng/ul	116670	5	21.509	1006880	20.0
Pyrene, 2-methyl-	20.328	2.1	ng/ul	105865	5	21.509	1006880	20.0
unknown-01	21.180	4.9	ng/ul	245576	5	21.509	1006880	20.0
11H-Benzo[a]flu...	21.251	3.1	ng/ul	157432	5	21.509	1006880	20.0
Tetradecanamide	22.919	4.6	ng/ul	229602	5	21.509	1006880	20.0
Benzo[e]pyrene	24.312	8.0	ng/ul	256289	6	24.594	641154	20.0