

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061346.D
 Acq On : 30 May 2024 3:38
 Operator : MA/JU
 Sample : P2548-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH616

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: BG061346.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.079	11	15	32	rVB	68154	112231	9.97%	0.877%
2	3.608	102	105	113	rVB	4865	7556	0.67%	0.059%
3	3.749	123	129	136	rBV	43995	77649	6.90%	0.607%
4	7.063	685	693	701	rBV	72720	126549	11.24%	0.989%
5	7.209	712	718	725	rBV	46443	72610	6.45%	0.567%
6	7.415	747	753	760	rBV	59086	101693	9.03%	0.795%
7	7.879	826	832	839	rVV	96073	157640	14.01%	1.232%
8	8.596	947	954	961	rBV	97196	166988	14.84%	1.305%
9	9.037	1020	1029	1037	rBV2	85026	146078	12.98%	1.141%
10	9.595	1118	1124	1128	rBV2	5842	9305	0.83%	0.073%
11	9.759	1145	1152	1159	rVB	79687	136452	12.12%	1.066%
12	10.306	1236	1245	1255	rBV	115750	204759	18.19%	1.600%
13	10.676	1300	1308	1315	rBV	141673	240038	21.33%	1.876%
14	10.811	1324	1331	1343	rBV	98522	178871	15.89%	1.398%
15	11.416	1426	1434	1440	rBV4	4988	8367	0.74%	0.065%
16	13.919	1853	1860	1866	rBV	234209	331957	29.49%	2.594%
17	14.207	1902	1909	1920	rBV	265845	402361	35.75%	3.144%
18	14.513	1955	1961	1968	rVB	234825	352473	31.31%	2.754%
19	14.742	1991	2000	2019	rBV	96802	191564	17.02%	1.497%
20	15.511	2124	2131	2136	rBV	337972	504982	44.86%	3.946%
21	15.641	2148	2153	2166	rVB	112867	166826	14.82%	1.304%
22	16.916	2367	2370	2377	rVB3	5071	7855	0.70%	0.061%
23	17.262	2421	2429	2433	rBV	298100	437449	38.86%	3.418%
24	17.303	2433	2436	2441	rVV	95621	135060	12.00%	1.055%
25	17.362	2441	2446	2457	rVV	436314	653145	58.03%	5.104%
26	17.450	2457	2461	2468	rVV3	3883	7351	0.65%	0.057%
27	17.668	2489	2498	2504	rVV3	10234	19401	1.72%	0.152%
28	17.844	2524	2528	2535	rVB5	5306	8490	0.75%	0.066%
29	18.138	2572	2578	2581	rBV	22439	33498	2.98%	0.262%
30	18.185	2582	2586	2591	rVV	30610	51713	4.59%	0.404%
31	18.267	2596	2600	2604	rBV2	7567	9549	0.85%	0.075%
32	18.332	2604	2611	2615	rBV4	32465	57683	5.12%	0.451%
33	18.367	2615	2617	2623	rVB	18321	25759	2.29%	0.201%
34	18.637	2658	2663	2667	rBV2	19191	27518	2.44%	0.215%
35	18.684	2667	2671	2675	rVB3	19834	26873	2.39%	0.210%
36	18.884	2696	2705	2709	rBV6	9629	17872	1.59%	0.140%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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37	18.937	2709	2714	2717	rVB	7616	9322	0.83%	0.073%
38	18.972	2717	2720	2726	rVB3	6790	9847	0.87%	0.077%
39	19.054	2729	2734	2740	rBV2	23058	46248	4.11%	0.361%
40	19.119	2740	2745	2748	rBV3	6543	8864	0.79%	0.069%
41	19.201	2753	2759	2768	rVB4	19688	45051	4.00%	0.352%
42	19.319	2768	2779	2786	rBV	298460	425349	37.79%	3.324%
43	19.383	2786	2790	2793	rBV4	6890	8082	0.72%	0.063%
44	19.419	2793	2796	2800	rVB4	10815	14217	1.26%	0.111%
45	19.472	2800	2805	2809	rBV	8311	13269	1.18%	0.104%
46	19.519	2809	2813	2817	rBV5	8968	14339	1.27%	0.112%
47	19.566	2817	2821	2823	rVV2	8200	11526	1.02%	0.090%
48	19.589	2823	2825	2830	rVB6	7988	8972	0.80%	0.070%
49	19.654	2830	2836	2839	rBV	730223	1034915	91.95%	8.087%
50	19.683	2839	2841	2848	rVB	279914	338946	30.11%	2.649%
51	19.754	2848	2853	2857	rBV3	19553	26994	2.40%	0.211%
52	19.859	2865	2871	2877	rVB2	16906	28508	2.53%	0.223%
53	19.918	2877	2881	2887	rVB3	18073	30811	2.74%	0.241%
54	20.006	2890	2896	2897	rBV2	24998	38094	3.38%	0.298%
55	20.141	2914	2919	2921	rVV4	21850	37411	3.32%	0.292%
56	20.177	2921	2925	2931	rVB3	47310	78552	6.98%	0.614%
57	20.276	2937	2942	2946	rBV	28503	40802	3.62%	0.319%
58	20.335	2946	2952	2956	rVV3	37533	58347	5.18%	0.456%
59	20.417	2962	2966	2969	rBV3	8374	12032	1.07%	0.094%
60	20.476	2971	2976	2979	rBV	23664	37261	3.31%	0.291%
61	20.523	2979	2984	2988	rVV2	50961	70561	6.27%	0.551%
62	20.570	2989	2992	2997	rVB6	17315	24264	2.16%	0.190%
63	20.682	3008	3011	3016	rBV5	11885	15570	1.38%	0.122%
64	20.729	3016	3019	3022	rBV4	11169	16069	1.43%	0.126%
65	20.764	3022	3025	3029	rBV5	8968	14447	1.28%	0.113%
66	20.887	3042	3046	3048	rBV5	6414	9532	0.85%	0.074%
67	20.929	3049	3053	3059	rVV	38112	57775	5.13%	0.451%
68	21.105	3077	3083	3087	rBV3	33297	67330	5.98%	0.526%
69	21.146	3087	3090	3093	rVV	33738	49568	4.40%	0.387%
70	21.187	3093	3097	3105	rVV4	52764	141134	12.54%	1.103%
71	21.252	3105	3108	3117	rVB	40117	75979	6.75%	0.594%
72	21.387	3126	3131	3132	rVV3	10261	16347	1.45%	0.128%
73	21.410	3132	3135	3140	rVB4	13093	17591	1.56%	0.137%
74	21.510	3144	3152	3157	rVV2	392216	870016	77.30%	6.798%
75	21.557	3157	3160	3170	rVB	173736	286546	25.46%	2.239%
76	21.657	3173	3177	3181	rBV7	12472	19655	1.75%	0.154%

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77	21.704	3181	3185	3191	rBV3	30181	48548	4.31%	0.379%
78	21.775	3194	3197	3198	rBV3	7876	9359	0.83%	0.073%
79	21.910	3214	3220	3226	rBV3	22618	46068	4.09%	0.360%
80	21.969	3228	3230	3234	rVB4	9488	10928	0.97%	0.085%
81	22.215	3265	3272	3277	rVB	40708	82726	7.35%	0.646%
82	22.286	3280	3284	3290	rVV4	29968	50602	4.50%	0.395%
83	22.415	3304	3306	3312	rVB5	11543	17717	1.57%	0.138%
84	22.480	3312	3317	3321	rBV3	19931	33988	3.02%	0.266%
85	22.621	3335	3341	3346	rVV5	13309	31271	2.78%	0.244%
86	22.862	3377	3382	3383	rBV4	6516	10297	0.91%	0.080%
87	22.932	3389	3394	3396	rBV5	14835	25511	2.27%	0.199%
88	23.273	3443	3452	3457	rBV10	14495	39669	3.52%	0.310%
89	23.625	3504	3512	3519	rBV	130310	411317	36.54%	3.214%
90	23.796	3537	3541	3542	rBV4	8290	9154	0.81%	0.072%
91	23.872	3549	3554	3559	rVB	21182	40193	3.57%	0.314%
92	24.060	3582	3586	3587	rBV4	9471	11266	1.00%	0.088%
93	24.319	3620	3630	3633	rBV2	66115	176100	15.65%	1.376%
94	24.389	3634	3642	3649	rVV2	423438	1125576	100.00%	8.795%
95	24.454	3649	3653	3663	rVB2	119426	282330	25.08%	2.206%
96	24.601	3668	3678	3686	rBV	211897	594765	52.84%	4.647%
97	25.682	3856	3862	3873	rVB5	25671	74931	6.66%	0.586%
98	26.969	4074	4081	4089	rBV7	12530	41414	3.68%	0.324%
99	28.085	4262	4271	4290	rVB3	39819	203771	18.10%	1.592%
100	28.520	4337	4345	4355	rVB10	19219	73788	6.56%	0.577%

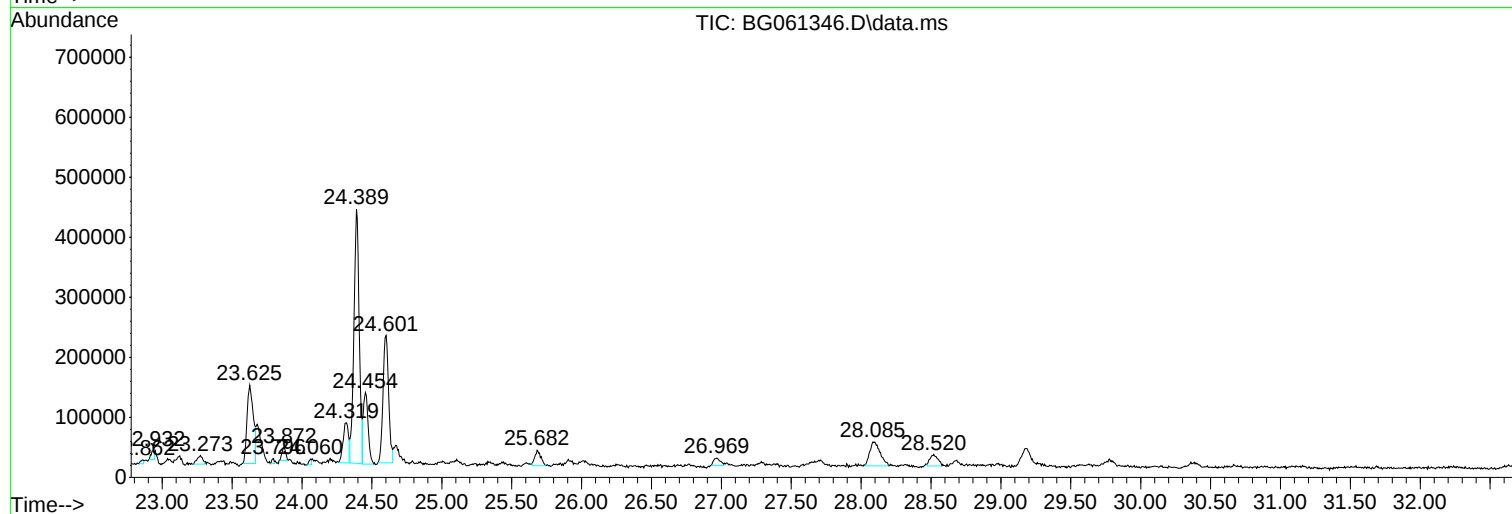
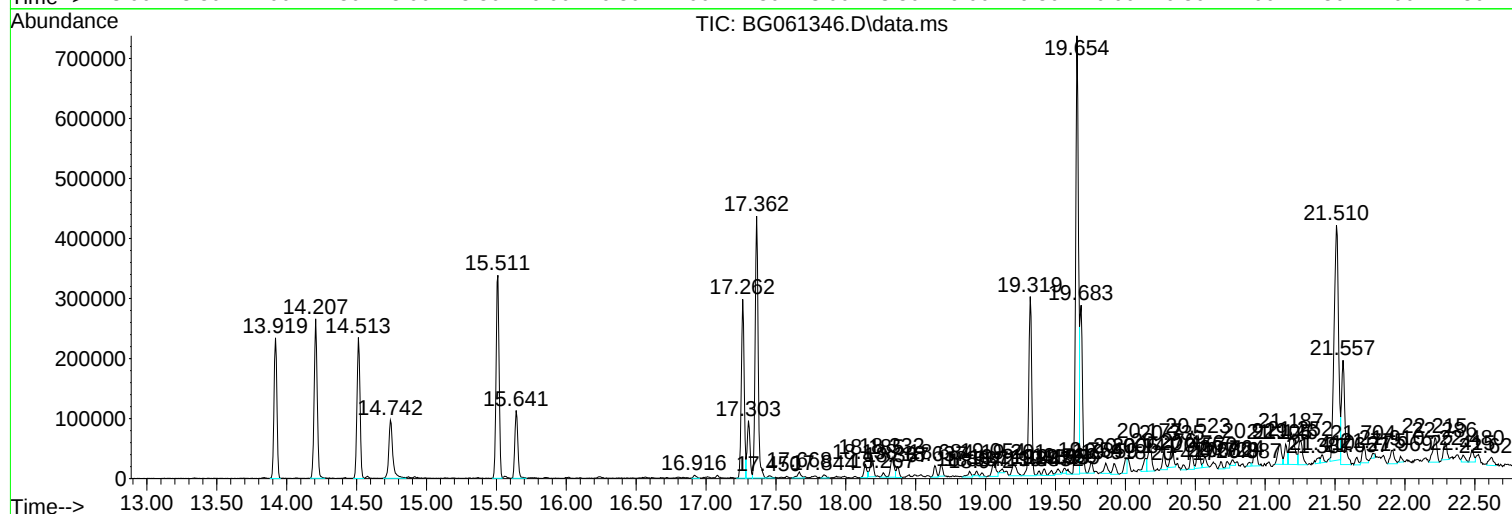
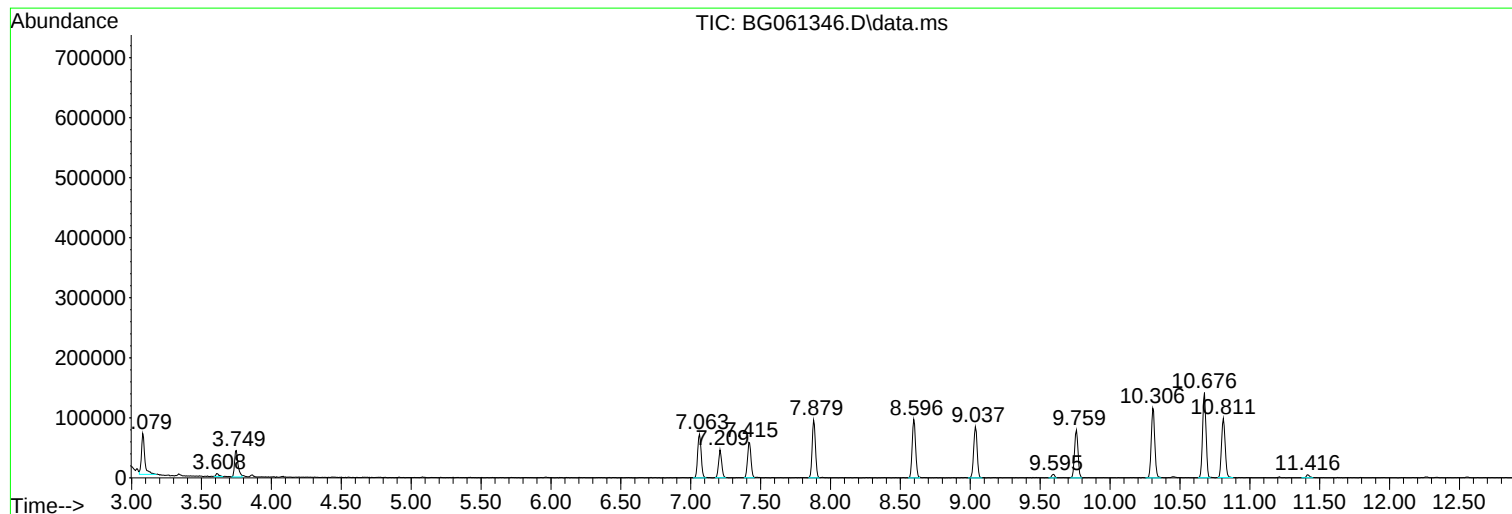
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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



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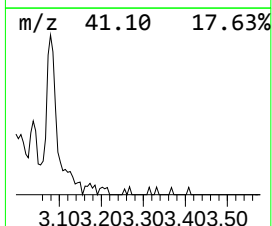
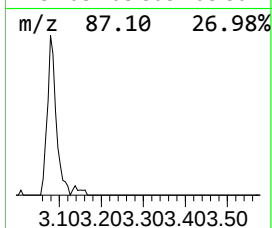
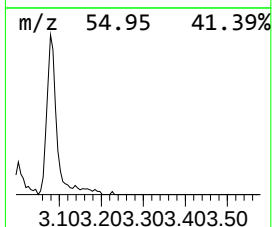
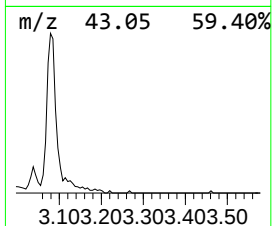
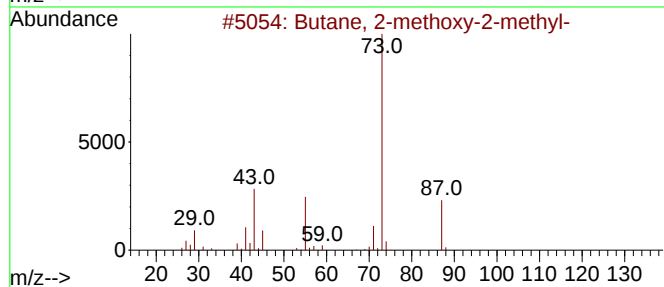
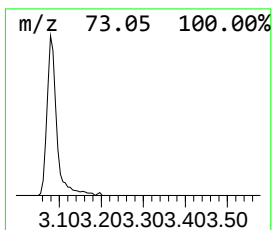
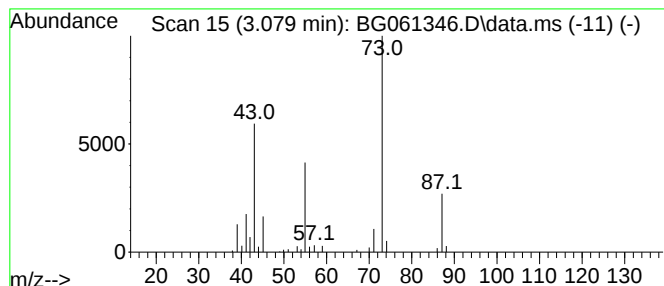
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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.
3.079	14.24 ng/ul	112231	1,4-Dichlorobenzene-d4	7.879

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4			3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	39
5			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36



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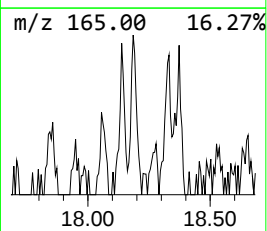
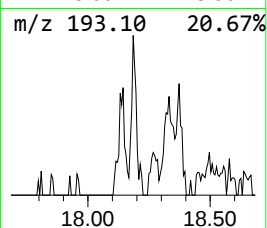
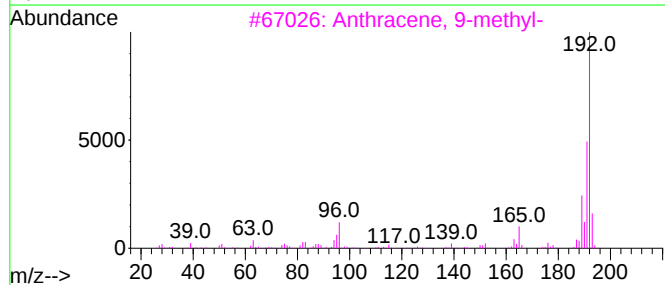
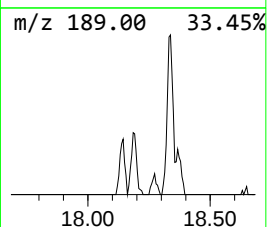
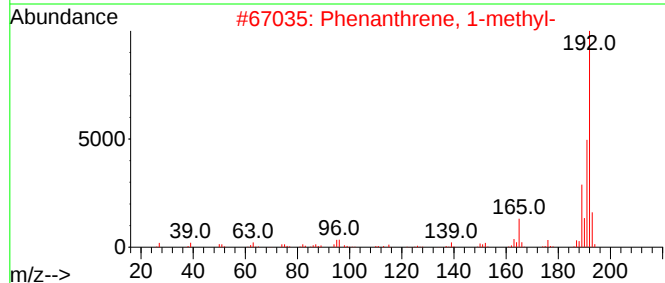
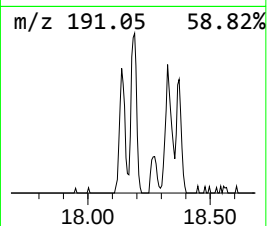
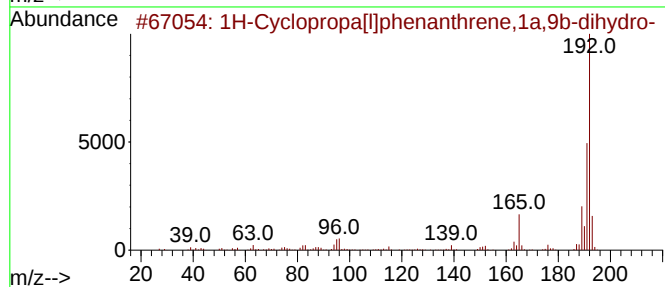
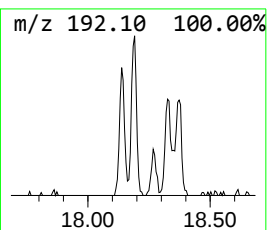
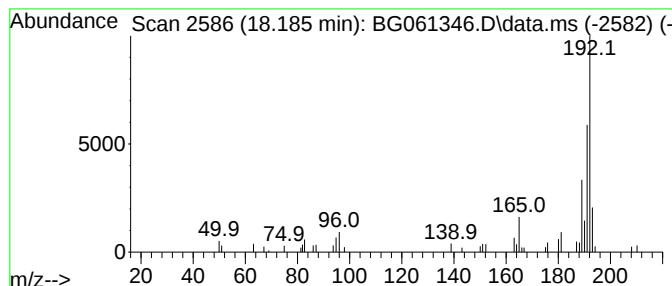
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.185	2.36 ng/ul	51713	Phenanthrene-d10	17.262

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



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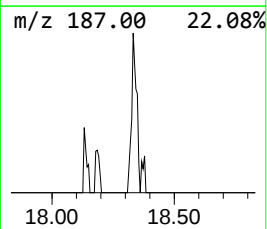
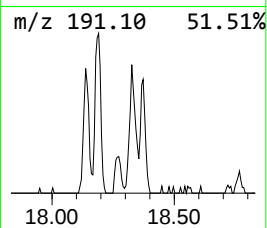
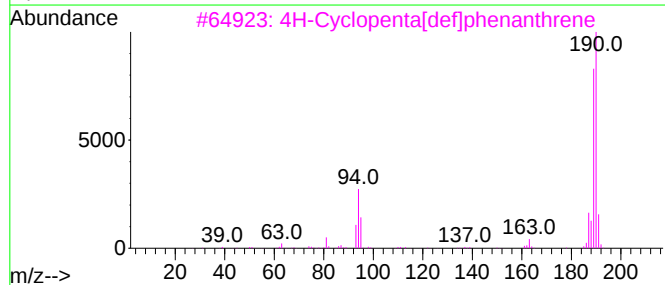
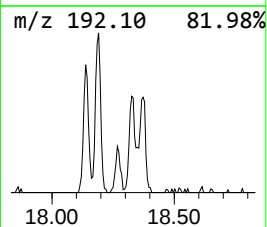
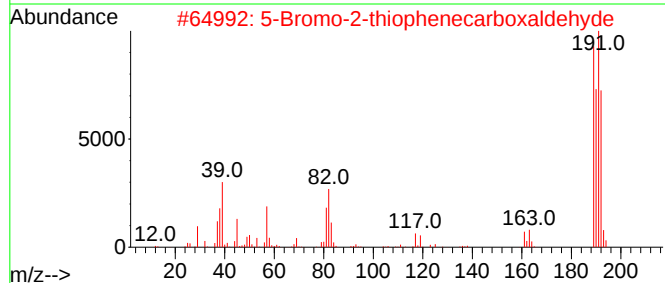
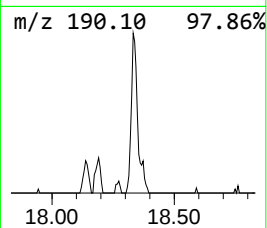
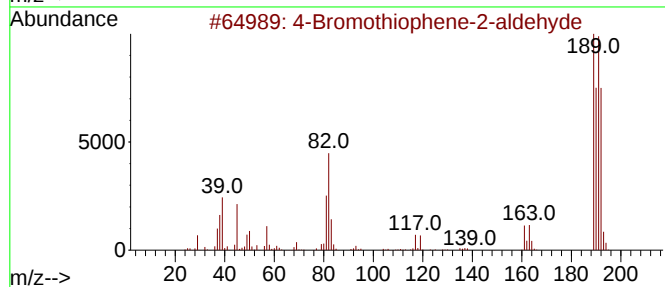
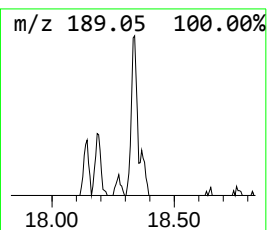
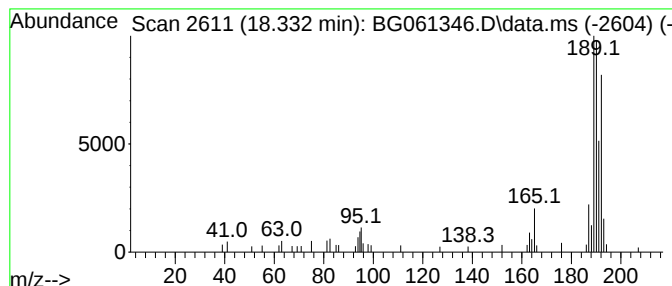
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 4-Bromothiophene-2-aldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.332	2.64 ng/ul	57683	Phenanthrene-d10	17.262

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
2			5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
5			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061346.D
Acq On : 30 May 2024 3:38
Operator : MA/JU
Sample : P2548-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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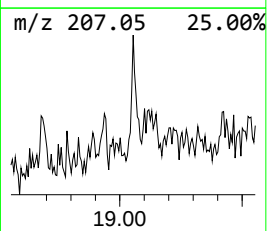
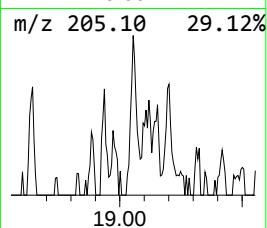
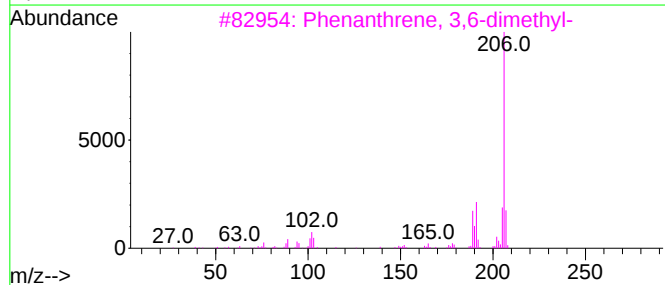
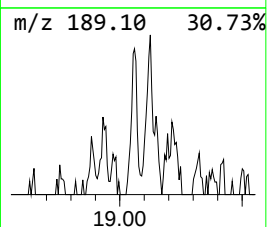
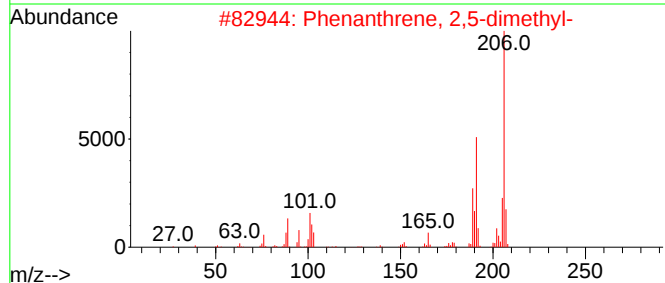
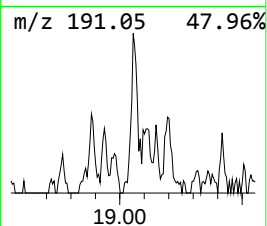
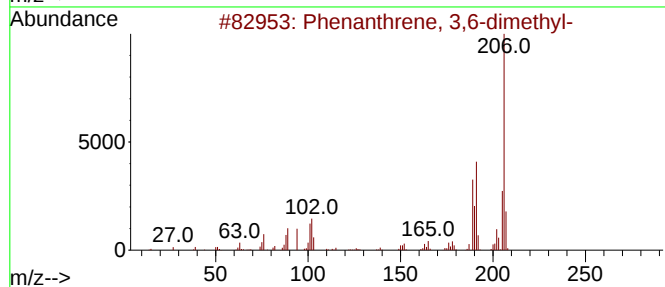
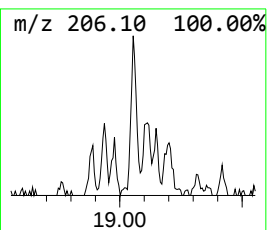
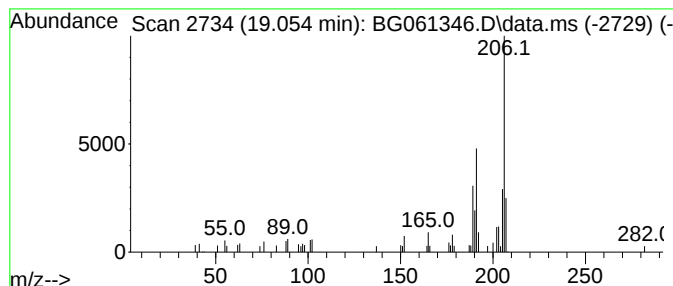
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.054	2.11 ng/ul	46248	Phenanthrene-d10	17.262

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4			9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061346.D
Acq On : 30 May 2024 3:38
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Misc :
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ClientSampleId :
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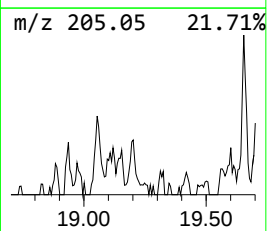
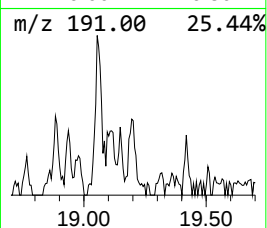
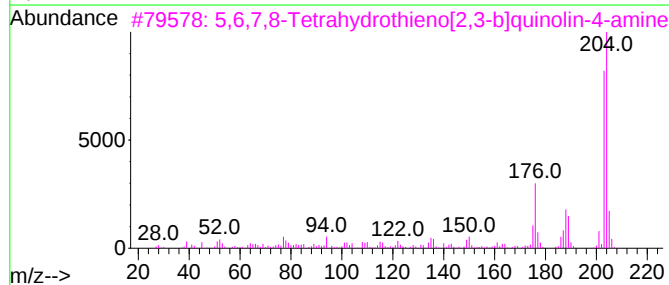
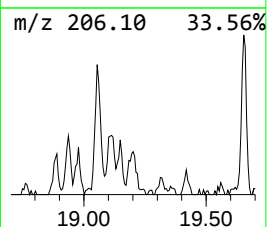
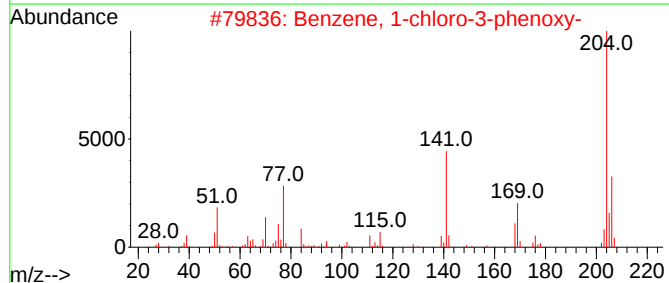
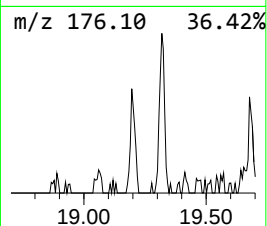
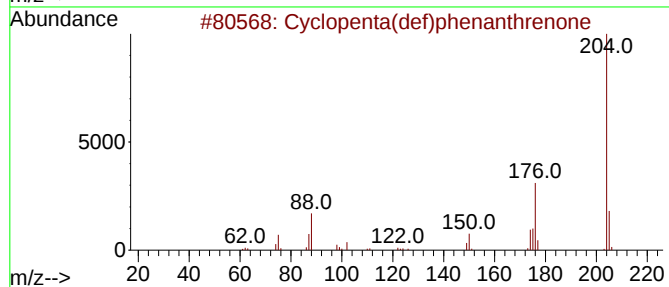
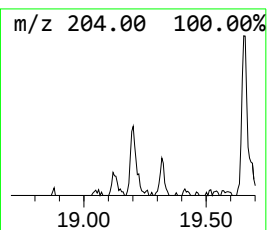
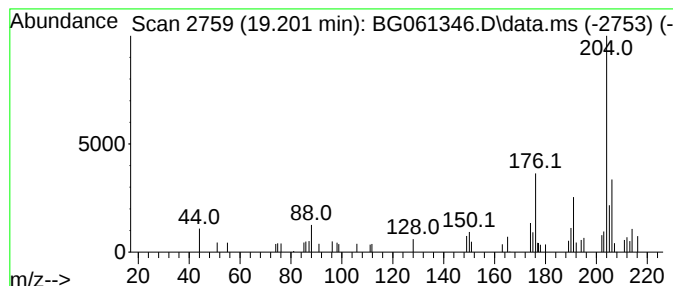
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.201	2.06 ng/ul	45051	Phenanthrene-d10	17.262

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2			Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	53
3			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5			N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061346.D
Acq On : 30 May 2024 3:38
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Sample : P2548-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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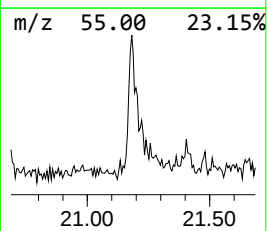
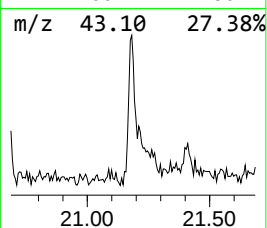
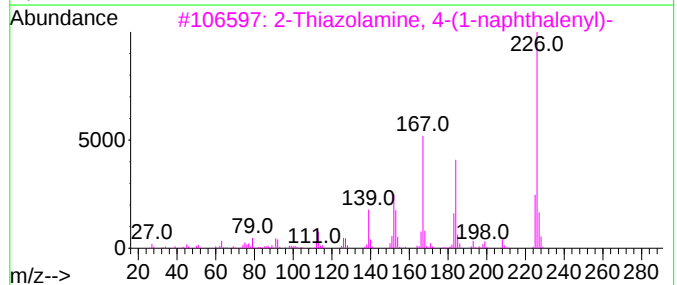
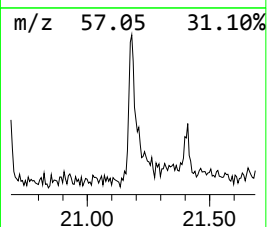
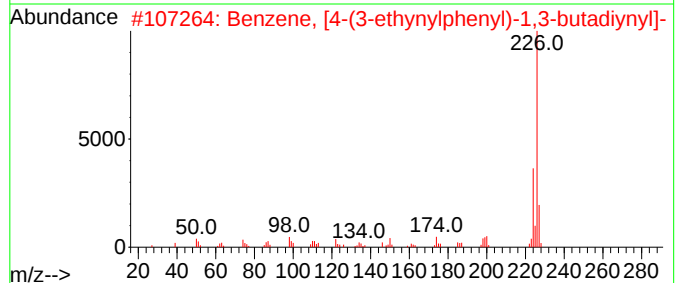
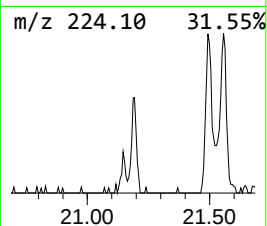
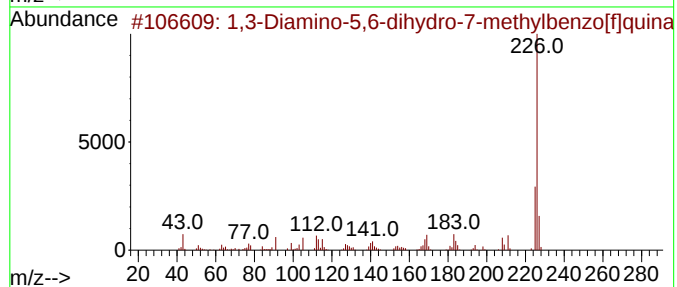
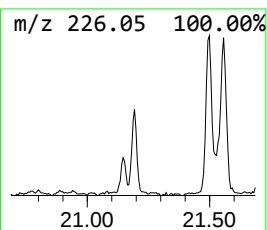
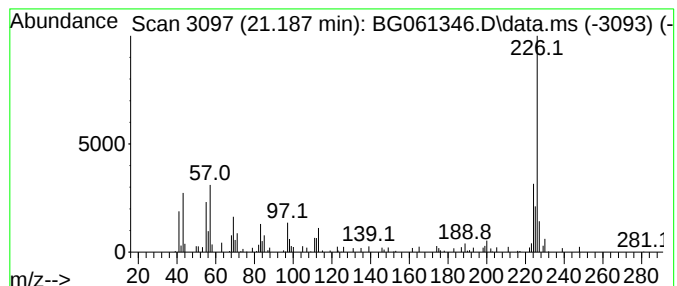
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,3-Diamino-5,6-dihydro-7-m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.187	3.24 ng/ul	141134	Chrysene-d12	21.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
2			Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	47
3			2-Thiazolamine, 4-(1-naphthalenyl)-	226	C13H10N2S	056503-96-9	40
4			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
5			9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	36



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061346.D
Acq On : 30 May 2024 3:38
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Sample : P2548-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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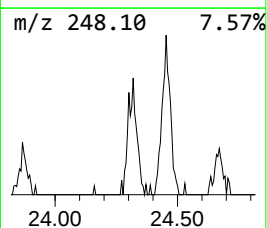
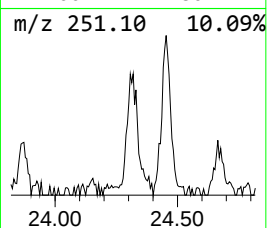
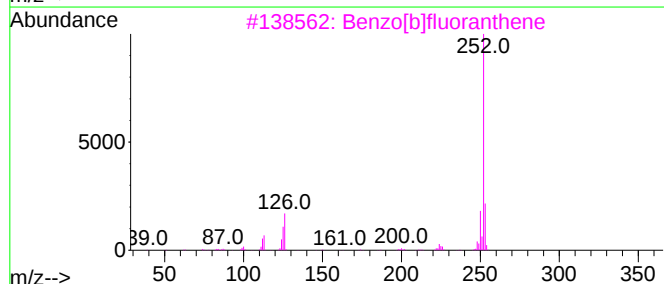
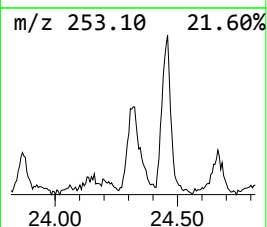
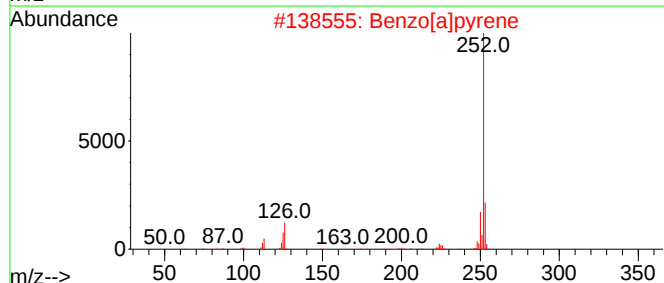
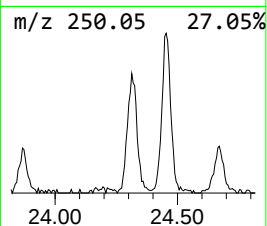
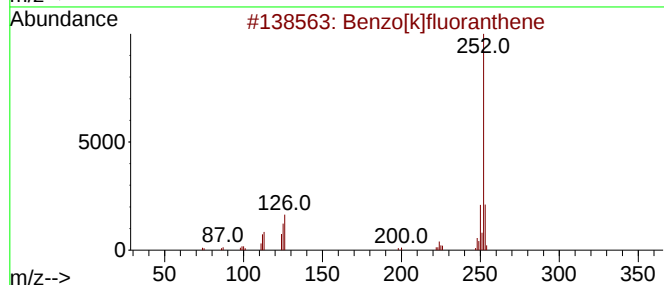
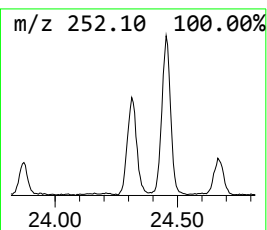
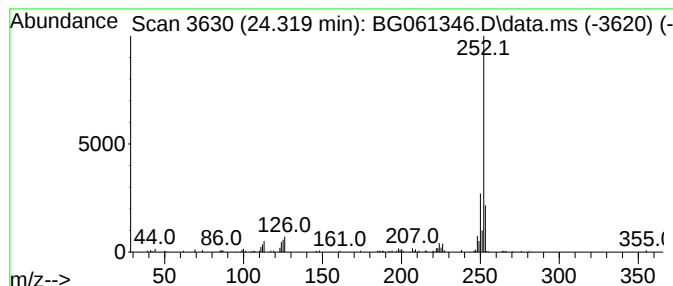
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.319	5.92 ng/ul	176100	Perylene-d12	24.595

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2			Benzo[a]pyrene	252	C20H12	000050-32-8	91
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4			Benzo[e]pyrene	252	C20H12	000192-97-2	90
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061346.D
Acq On : 30 May 2024 3:38
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Sample : P2548-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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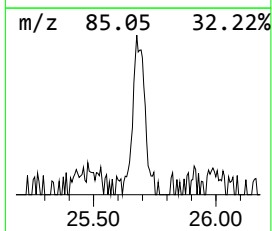
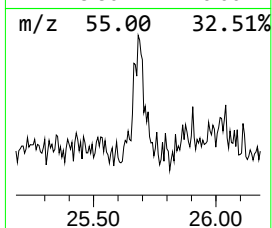
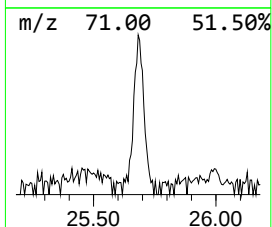
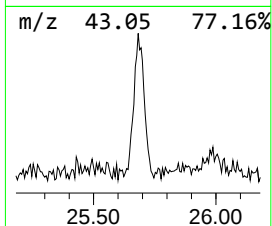
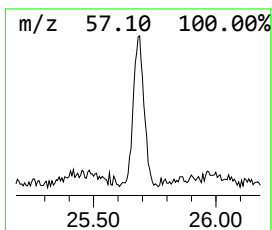
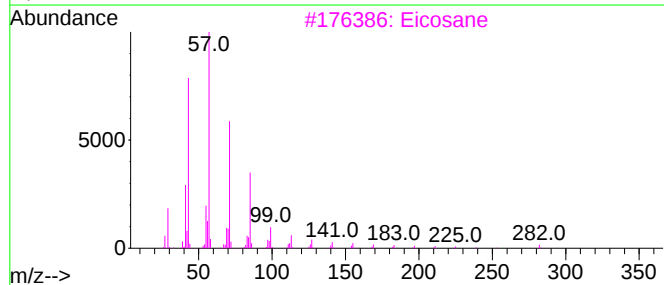
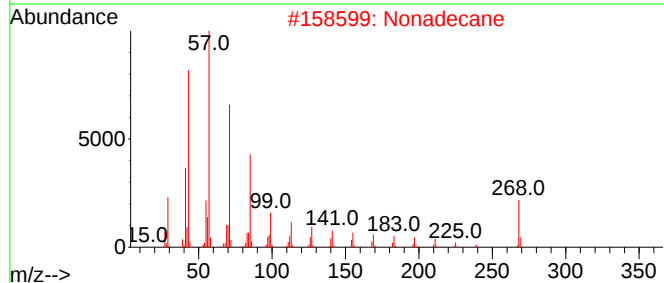
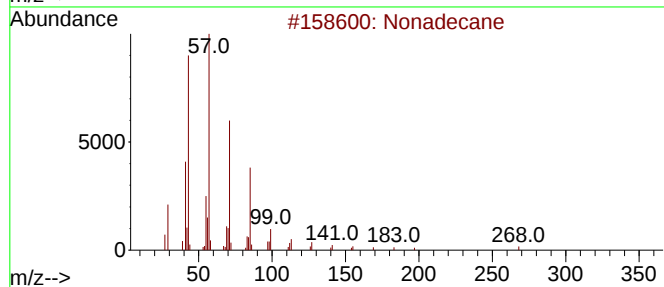
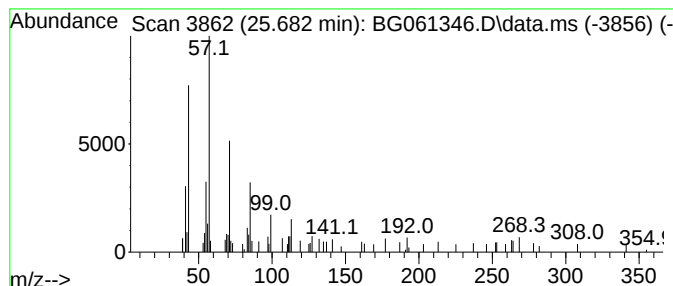
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.682	2.52 ng/ul	74931	Perylene-d12	24.595

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Nonadecane	268	C19H40	000629-92-5	64
3			Eicosane	282	C20H42	000112-95-8	60
4			Eicosane	282	C20H42	000112-95-8	60
5			Eicosane	282	C20H42	000112-95-8	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061346.D
Acq On : 30 May 2024 3:38
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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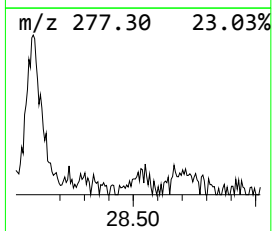
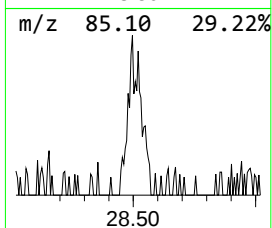
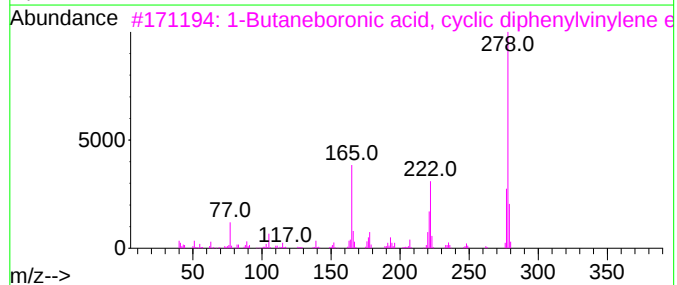
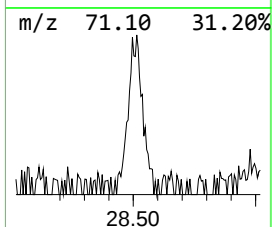
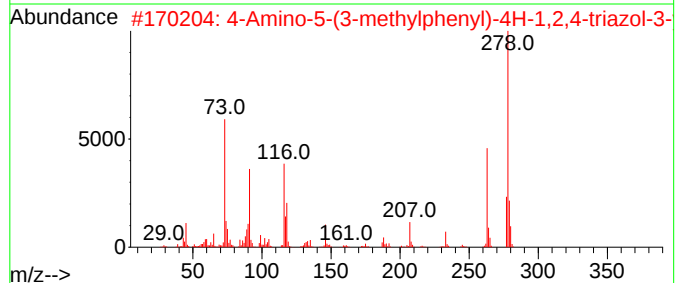
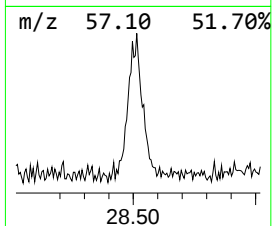
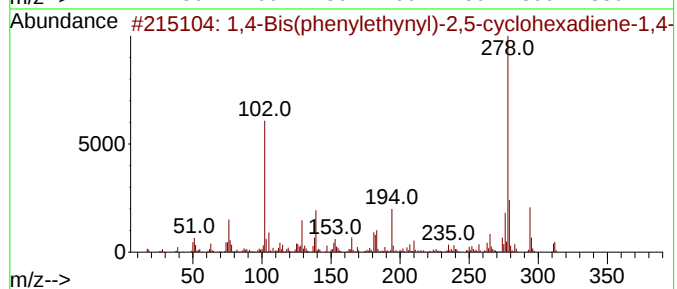
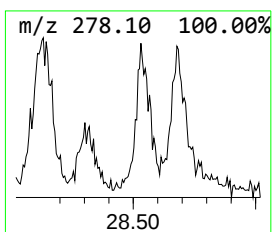
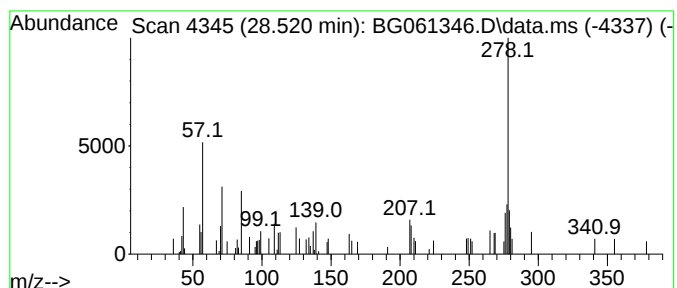
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,4-Bis(phenylethynyl)-2,5-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.520	2.48 ng/ul	73788	Perylene-d12	24.595

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Bis(phenylethynyl)-2,5-cyclo...	312	C22H16O2	055006-58-1	59
2			4-Amino-5-(3-methylphenyl)-4H-1,...	278	C12H18N4SSi	1000476-99-6	52
3			1-Butaneboronic acid, cyclic dip...	278	C18H19B02	024371-99-1	50
4			1H-Indazol-6-ol, 2TMS	278	C13H22N2OSi2	1000508-04-3	50
5			Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061346.D
Acq On : 30 May 2024 3:38
Operator : MA/JU
Sample : P2548-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.079	14.2	ng/ul	112231	1	7.879	157640	20.0
1H-Cyclopropa[1...	18.185	2.4	ng/ul	51713	4	17.262	437449	20.0
4-Bromothiophen...	18.332	2.6	ng/ul	57683	4	17.262	437449	20.0
Phenanthrene, 3...	19.054	2.1	ng/ul	46248	4	17.262	437449	20.0
Cyclopenta(def)...	19.201	2.1	ng/ul	45051	4	17.262	437449	20.0
1,3-Diamino-5,6...	21.187	3.2	ng/ul	141134	5	21.516	870016	20.0
Benzo[e]pyrene	24.319	5.9	ng/ul	176100	6	24.595	594765	20.0
(DEL) Alkane: S...	25.682	2.5	ng/ul	74931	6	24.595	594765	20.0
1,4-Bis(phenyle...	28.520	2.5	ng/ul	73788	6	24.595	594765	20.0