

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061424.D
 Acq On : 3 Jun 2024 15:26
 Operator : MA/JU
 Sample : P2577-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN7

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: BG061424.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.081	9	16	41	rVB	1761907	3336670	77.56%	6.038%
2	7.059	683	693	703	rBV	137800	241924	5.62%	0.438%
3	7.206	709	718	724	rBV	93758	148995	3.46%	0.270%
4	7.411	744	753	760	rBV2	135050	228820	5.32%	0.414%
5	7.875	823	832	838	rBV	140902	238605	5.55%	0.432%
6	8.592	948	954	962	rBV2	158747	269687	6.27%	0.488%
7	9.033	1020	1029	1036	rBV	134662	245723	5.71%	0.445%
8	9.750	1145	1151	1159	rBV2	122217	211937	4.93%	0.384%
9	10.302	1238	1245	1255	rBV	173021	312066	7.25%	0.565%
10	10.666	1299	1307	1313	rBV	190722	340478	7.91%	0.616%
11	10.807	1324	1331	1340	rVB	67888	132945	3.09%	0.241%
12	13.915	1850	1860	1867	rVB	343827	500630	11.64%	0.906%
13	14.203	1902	1909	1919	rBV2	369189	588069	13.67%	1.064%
14	14.509	1952	1961	1967	rVV	322099	502880	11.69%	0.910%
15	14.573	1967	1972	1980	rVB	127217	199969	4.65%	0.362%
16	14.750	1990	2002	2009	rBV4	66702	160152	3.72%	0.290%
17	14.908	2024	2029	2036	rVB	94068	154326	3.59%	0.279%
18	15.508	2123	2131	2135	rVV	484498	734783	17.08%	1.330%
19	15.561	2135	2140	2150	rVV	168947	253695	5.90%	0.459%
20	15.649	2150	2155	2164	rVV3	135482	262561	6.10%	0.475%
21	15.854	2186	2190	2198	rVB2	50714	79938	1.86%	0.145%
22	16.001	2210	2215	2223	rVB2	50861	103863	2.41%	0.188%
23	16.236	2246	2255	2261	rVB8	30802	68442	1.59%	0.124%
24	16.565	2300	2311	2315	rBV4	47937	125870	2.93%	0.228%
25	16.794	2346	2350	2354	rVV3	33469	64842	1.51%	0.117%
26	16.830	2354	2356	2360	rVV3	34824	52710	1.23%	0.095%
27	16.918	2365	2371	2377	rVV	72338	120317	2.80%	0.218%
28	17.012	2377	2387	2393	rVV3	67752	158929	3.69%	0.288%
29	17.076	2393	2398	2408	rVV	105794	182704	4.25%	0.331%
30	17.259	2424	2429	2432	rBV	400933	602592	14.01%	1.091%
31	17.306	2432	2437	2442	rVV	1909635	2895835	67.31%	5.241%
32	17.364	2442	2447	2450	rVV	562069	919201	21.37%	1.663%
33	17.394	2450	2452	2458	rVB	411860	491282	11.42%	0.889%
34	17.447	2458	2461	2468	rVB3	30413	52421	1.22%	0.095%
35	17.664	2489	2498	2503	rBV	178811	313571	7.29%	0.567%
36	17.776	2511	2517	2522	rBV4	44689	71423	1.66%	0.129%

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Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

37	17.840	2524	2528	2538	rVB6	50371	92544	2.15%	0.167%
38	18.140	2569	2579	2582	rBV	262737	435652	10.13%	0.788%
39	18.187	2582	2587	2596	rVV	389167	608380	14.14%	1.101%
40	18.269	2596	2601	2605	rVV	119314	178147	4.14%	0.322%

41	18.334	2605	2612	2616	rVV2	389347	740098	17.20%	1.339%
42	18.369	2616	2618	2624	rVB	192906	227818	5.30%	0.412%
43	18.445	2626	2631	2634	rBV5	41737	61481	1.43%	0.111%
44	18.586	2650	2655	2659	rVV7	24811	54299	1.26%	0.098%
45	18.639	2659	2664	2667	rVV	210812	314694	7.31%	0.569%

46	18.686	2667	2672	2677	rVV	180015	280379	6.52%	0.507%
47	18.880	2702	2705	2710	rVV	72334	111863	2.60%	0.202%
48	18.933	2710	2714	2717	rVV	71403	99374	2.31%	0.180%
49	18.974	2717	2721	2724	rVB	61761	84673	1.97%	0.153%
50	19.056	2729	2735	2741	rBV	171391	336201	7.81%	0.608%

51	19.121	2741	2746	2749	rVV5	90177	178593	4.15%	0.323%
52	19.150	2749	2751	2754	rVB	63498	60919	1.42%	0.110%
53	19.203	2754	2760	2768	rBV3	126783	285653	6.64%	0.517%
54	19.327	2773	2781	2786	rBV	2961806	4302317	100.00%	7.786%
55	19.380	2786	2790	2793	rBV	52908	76482	1.78%	0.138%

56	19.415	2793	2796	2802	rVB3	62337	83073	1.93%	0.150%
57	19.521	2809	2814	2817	rBV3	51108	90696	2.11%	0.164%
58	19.562	2817	2821	2825	rVB	85555	114492	2.66%	0.207%
59	19.656	2831	2837	2839	rBV3	1193133	1777658	41.32%	3.217%
60	19.691	2839	2843	2850	rVV	2492194	3677640	85.48%	6.655%

61	19.750	2850	2853	2860	rVB2	163729	263784	6.13%	0.477%
62	19.861	2867	2872	2878	rVB	172740	243731	5.67%	0.441%
63	19.920	2878	2882	2890	rVB3	82516	132765	3.09%	0.240%
64	20.002	2890	2896	2898	rBV	203570	367194	8.53%	0.665%
65	20.143	2914	2920	2921	rVV3	150951	240466	5.59%	0.435%

66	20.179	2922	2926	2931	rVB	523337	739303	17.18%	1.338%
67	20.279	2938	2943	2947	rBV	348564	462406	10.75%	0.837%
68	20.337	2947	2953	2956	rVV2	269851	481801	11.20%	0.872%
69	20.373	2957	2959	2963	rVB2	72954	75952	1.77%	0.137%
70	20.414	2963	2966	2971	rVB3	66562	86891	2.02%	0.157%

71	20.472	2972	2976	2980	rBV	177936	255556	5.94%	0.462%
72	20.519	2980	2984	2988	rVB	168644	214854	4.99%	0.389%
73	20.731	3016	3020	3022	rBV4	57201	82293	1.91%	0.149%
74	20.766	3023	3026	3029	rVV4	72969	120283	2.80%	0.218%
75	20.801	3029	3032	3036	rVB2	78800	122702	2.85%	0.222%

76	20.890	3043	3047	3050	rBV5	59764	104953	2.44%	0.190%
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 Title : SVOA CALIBRATION

77	20.931	3050	3054	3061	rVB	240459	362417	8.42%	0.656%
78	21.107	3078	3084	3088	rBV3	249105	456607	10.61%	0.826%
79	21.148	3088	3091	3094	rVV	265261	364790	8.48%	0.660%
80	21.195	3094	3099	3104	rVV3	279102	636503	14.79%	1.152%
81	21.260	3106	3110	3116	rVB	242942	403915	9.39%	0.731%
82	21.501	3145	3151	3158	rBV3	1573144	3502009	81.40%	6.338%
83	21.565	3158	3162	3173	rVB	1386492	2300888	53.48%	4.164%
84	21.706	3182	3186	3192	rBV	212702	352567	8.19%	0.638%
85	21.912	3215	3221	3227	rBV2	172409	357768	8.32%	0.647%
86	21.971	3229	3231	3236	rVB7	56725	82573	1.92%	0.149%
87	22.223	3269	3274	3279	rVB	228713	406576	9.45%	0.736%
88	22.288	3281	3285	3292	rVB	160553	284381	6.61%	0.515%
89	22.482	3314	3318	3322	rBV2	134936	241303	5.61%	0.437%
90	22.617	3336	3341	3347	rVB4	90438	194269	4.52%	0.352%
91	22.928	3390	3394	3405	rVB3	164505	386863	8.99%	0.700%
92	23.639	3506	3515	3522	rBV	919953	2907505	67.58%	5.262%
93	23.880	3551	3556	3565	rVB	145358	321768	7.48%	0.582%
94	24.333	3625	3633	3639	rBV	437868	1182986	27.50%	2.141%
95	24.403	3640	3645	3650	rVV	361615	881324	20.48%	1.595%
96	24.474	3650	3657	3666	rVB	841532	2123746	49.36%	3.843%
97	24.609	3673	3680	3687	rBV	298415	803099	18.67%	1.453%
98	24.685	3689	3693	3707	rVB2	206143	593236	13.79%	1.074%
99	28.128	4269	4279	4299	rVB3	337865	1573332	36.57%	2.847%
100	29.215	4455	4464	4485	rVB2	199825	900946	20.94%	1.630%

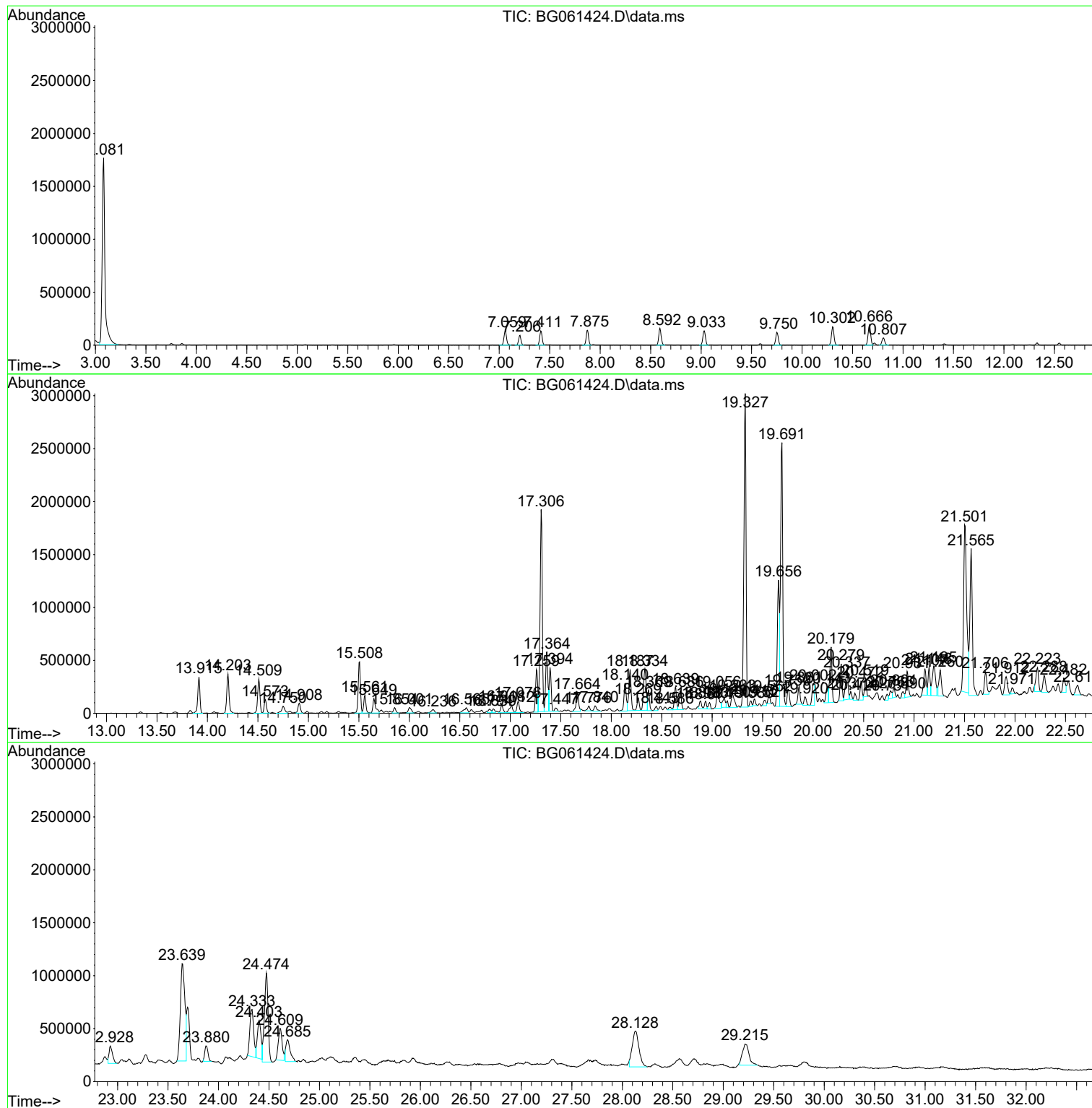
Sum of corrected areas: 55258286

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Instrument :
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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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Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

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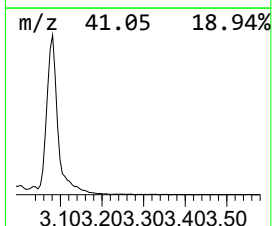
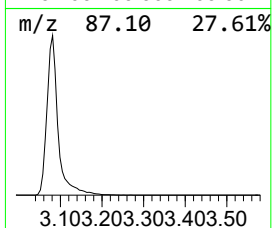
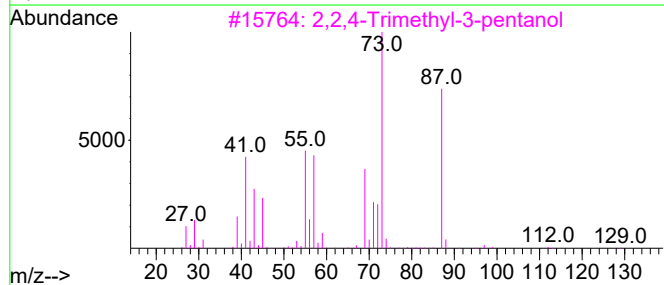
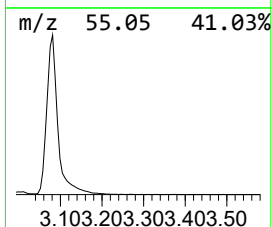
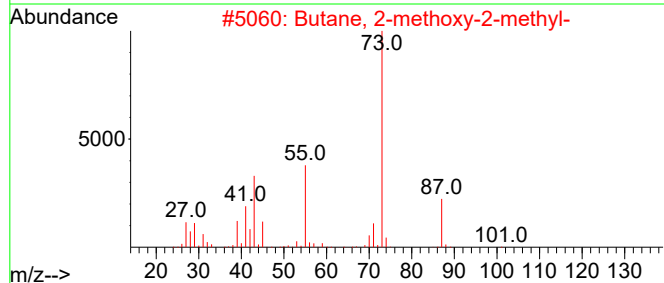
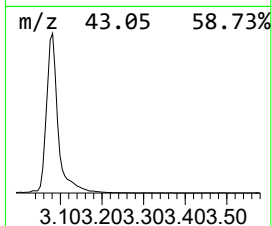
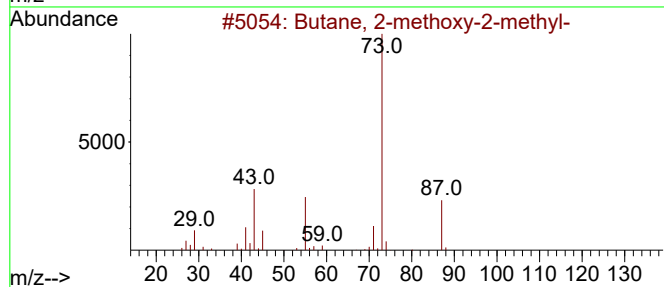
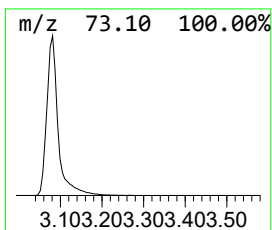
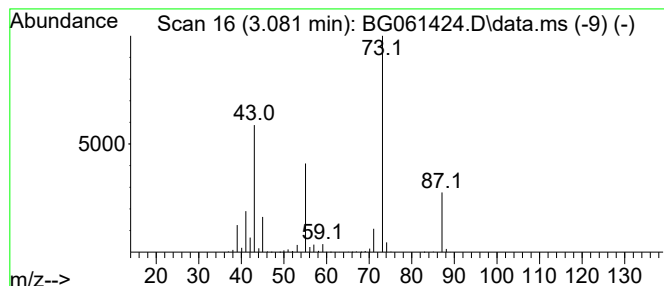
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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.
3.081	279.68 ng/ul	3336670	1,4-Dichlorobenzene-d4	7.870

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	83
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
5			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28



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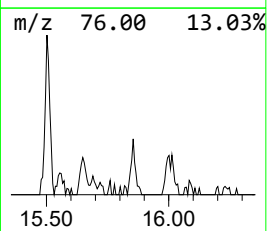
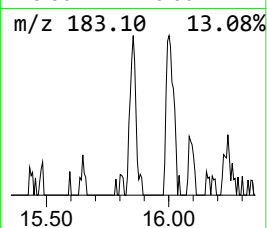
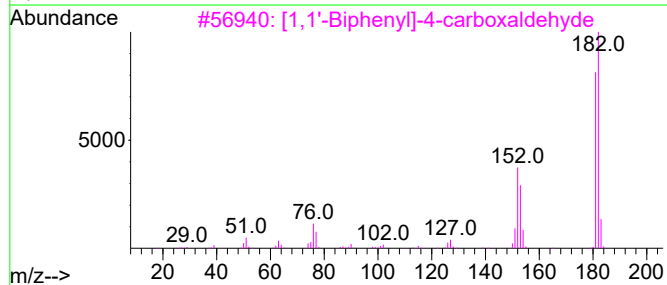
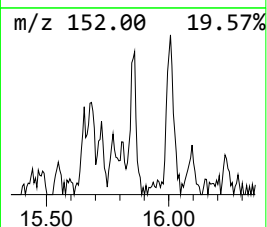
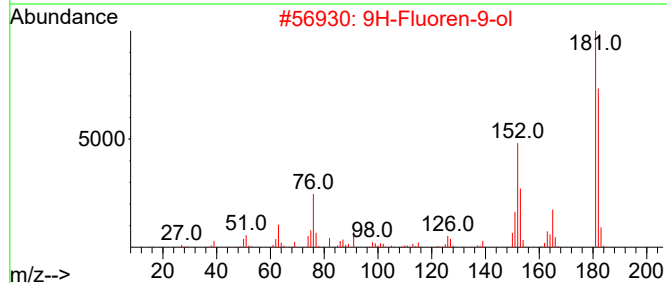
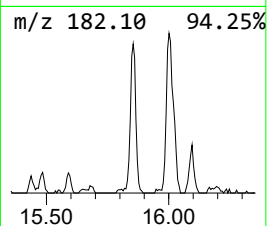
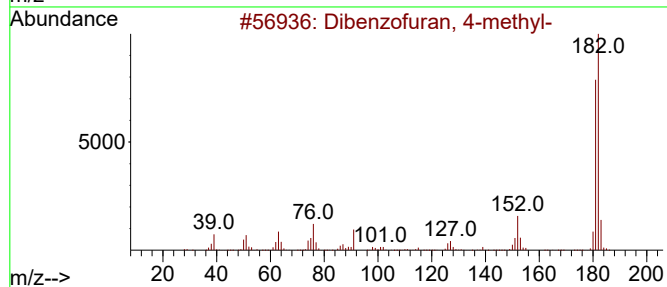
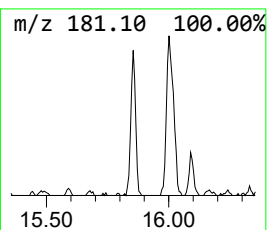
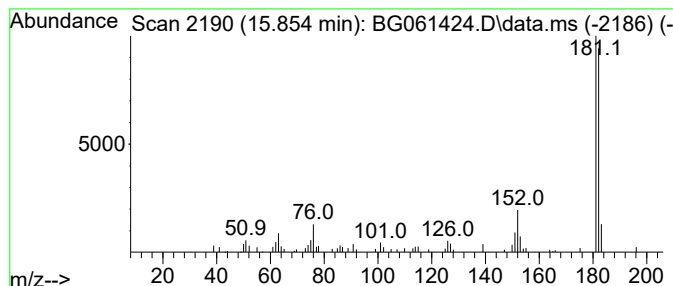
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.854	3.18 ng/ul	79938	Acenaphthene-d10	14.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
5			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78



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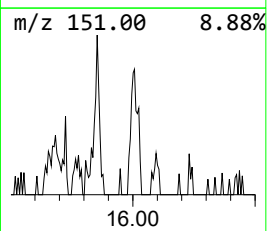
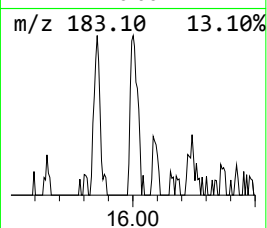
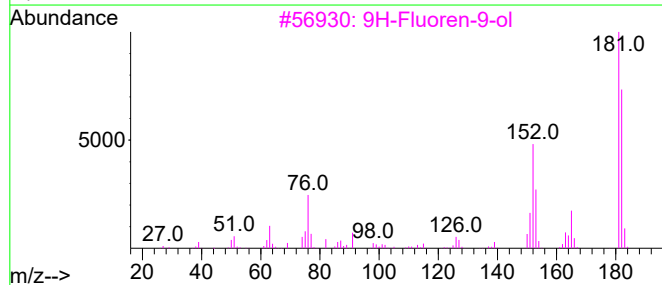
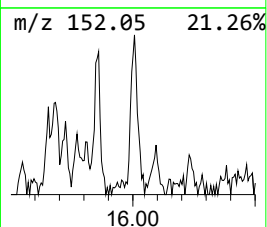
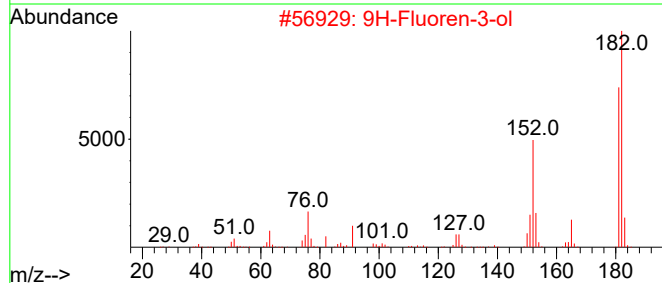
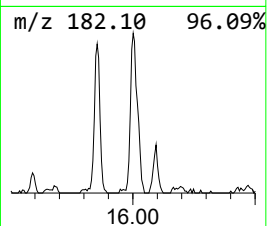
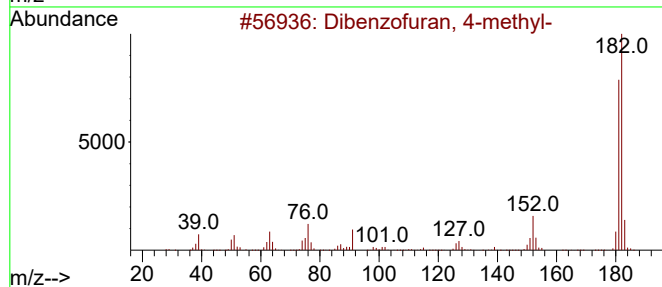
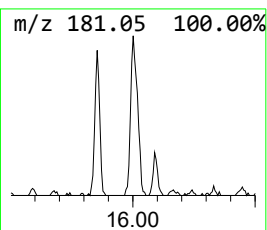
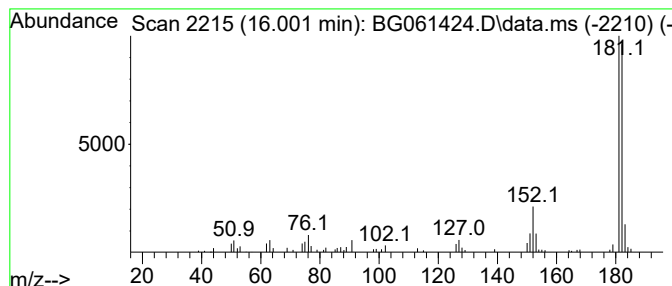
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 9H-Fluoren-3-ol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.001	3.45 ng/ul	103863	Phenanthrene-d10	17.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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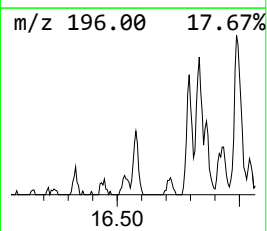
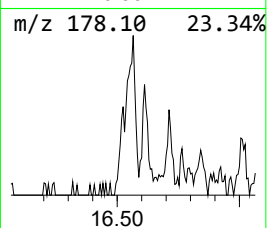
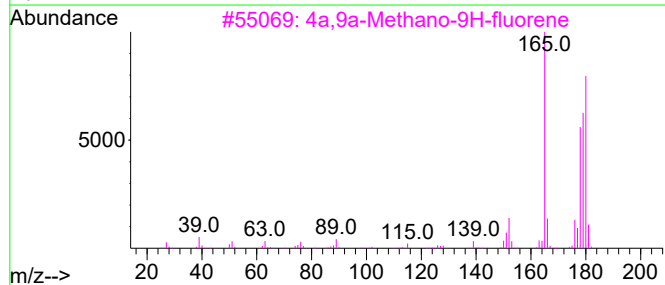
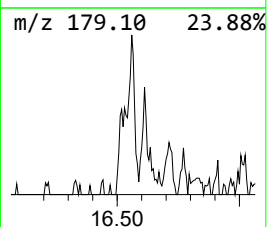
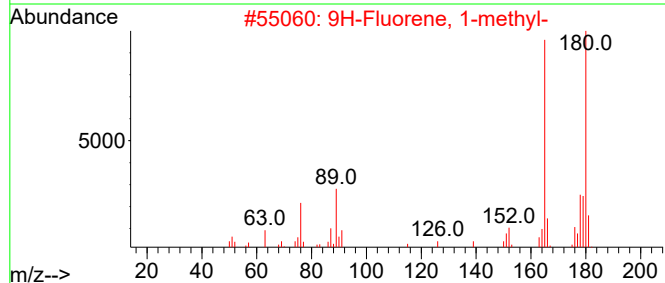
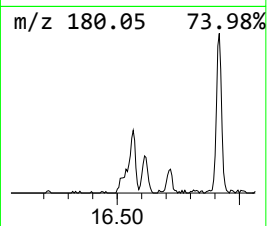
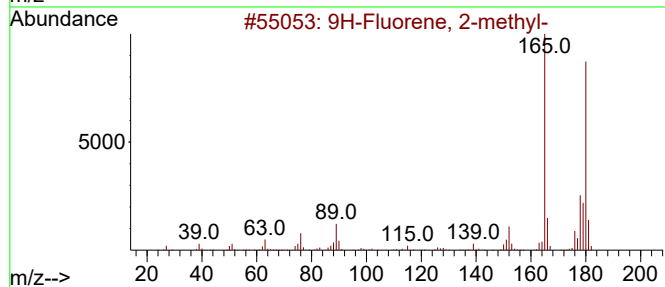
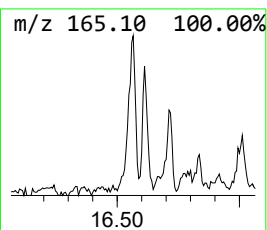
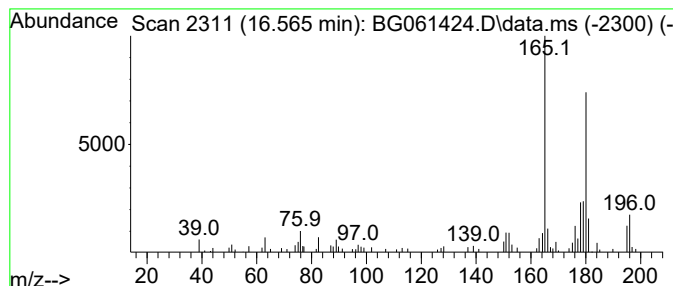
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.565	4.18 ng/ul	125870	Phenanthrene-d10	17.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76		
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76		
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	70		
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	68		
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	68		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
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Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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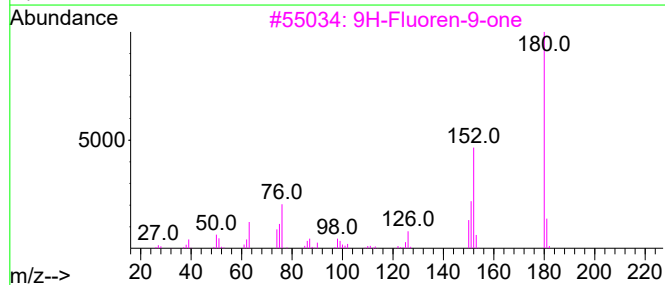
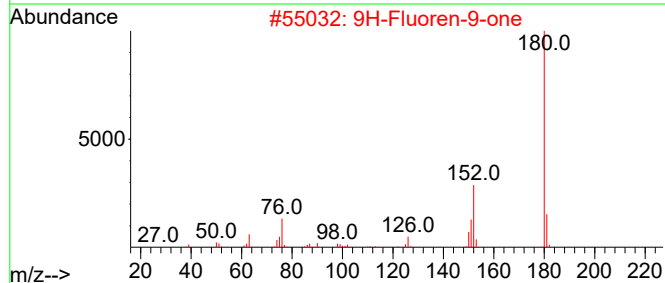
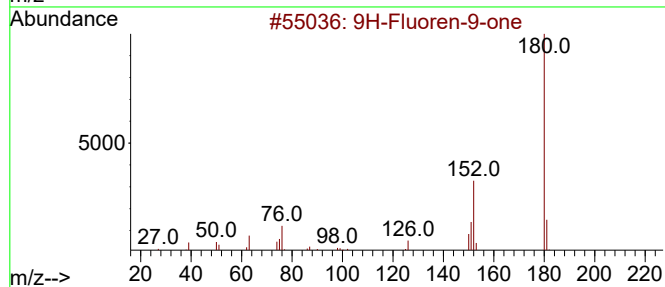
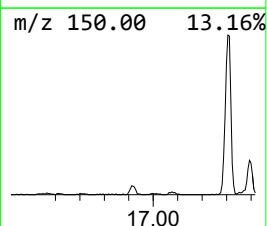
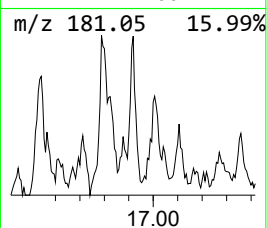
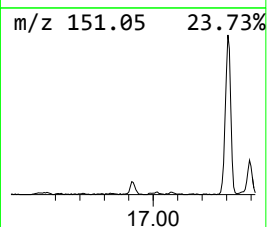
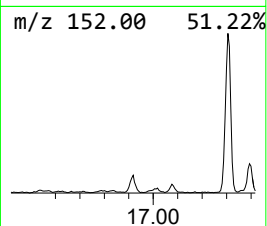
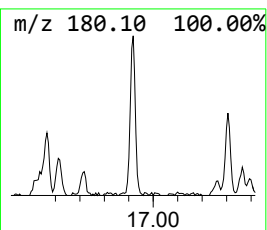
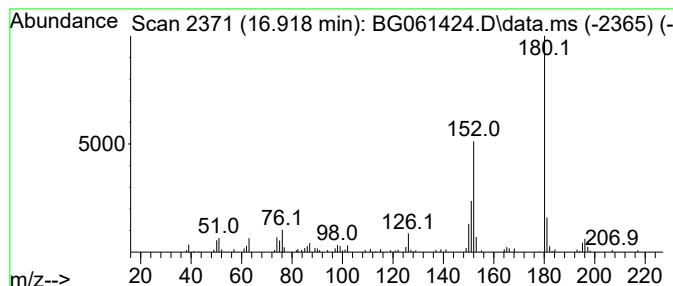
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.918	3.99 ng/ul	120317	Phenanthrene-d10	17.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2			9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	93
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
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Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

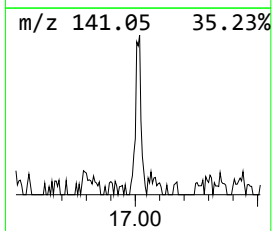
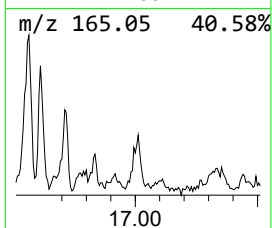
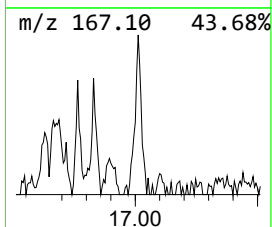
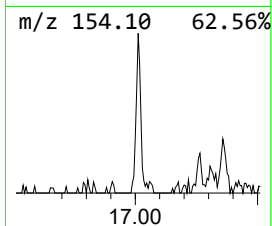
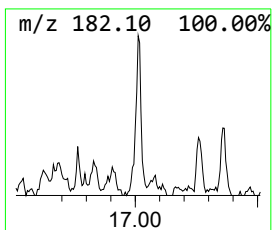
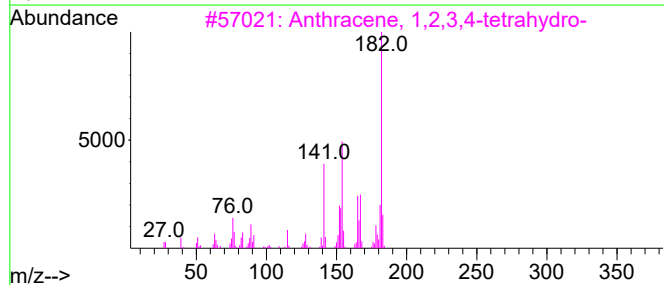
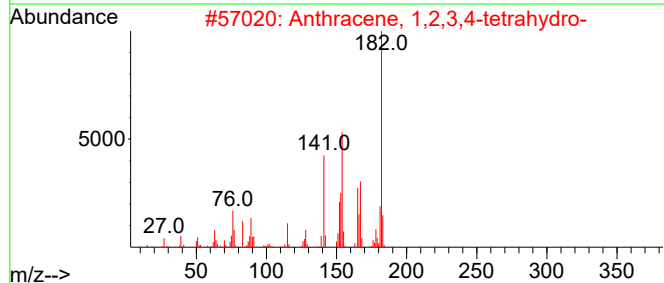
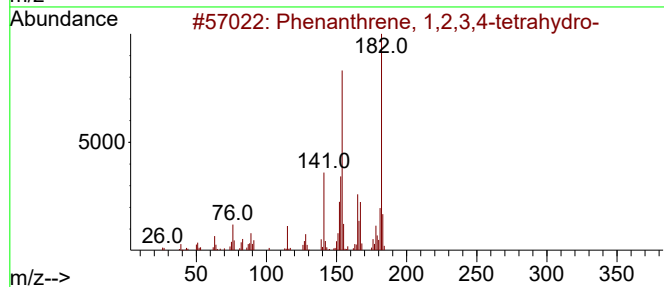
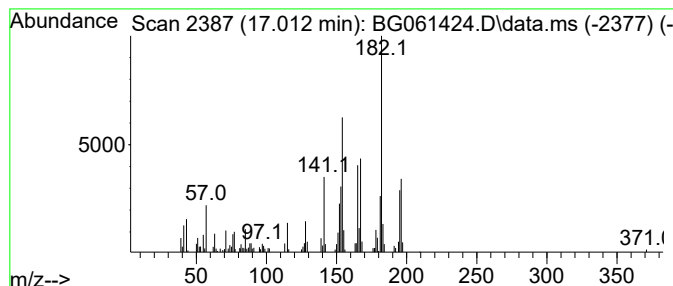
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phenanthrene, 1,2,3,4-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.012	5.27 ng/ul	158929	Phenanthrene-d10		17.259	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4-tetrahydro-		182	C14H14	001013-08-7	91
2	Anthracene, 1,2,3,4-tetrahydro-		182	C14H14	002141-42-6	86
3	Anthracene, 1,2,3,4-tetrahydro-		182	C14H14	002141-42-6	64
4	Phenanthrene, 1,2,3,4-tetrahydro-		182	C14H14	001013-08-7	60
5	Bicyclo[3.2.1]octa-2,6-diene, 2-...		182	C14H14	101166-08-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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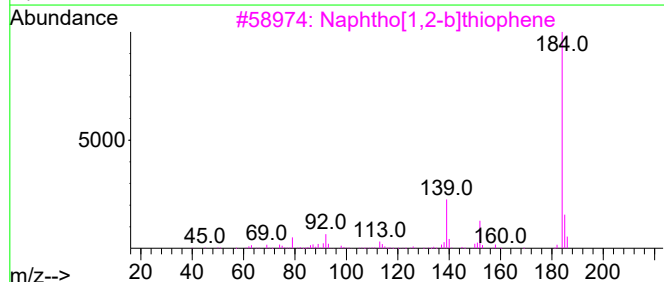
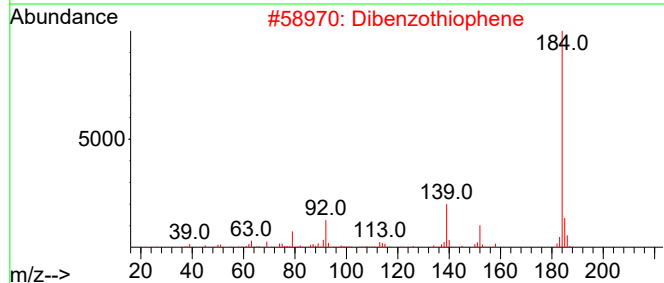
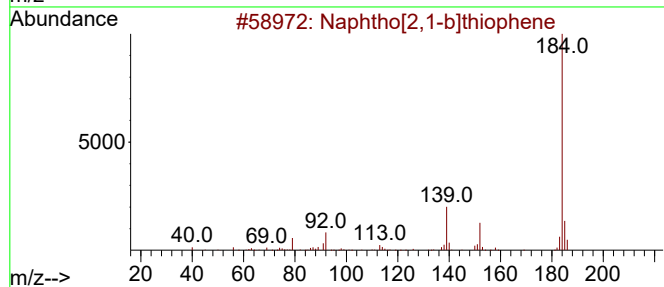
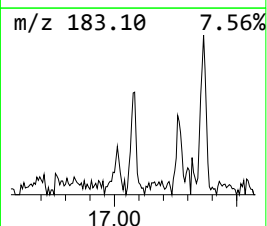
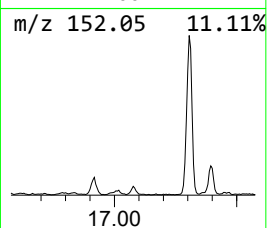
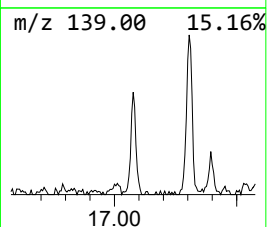
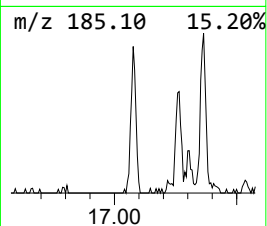
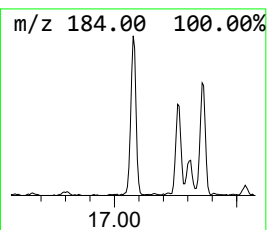
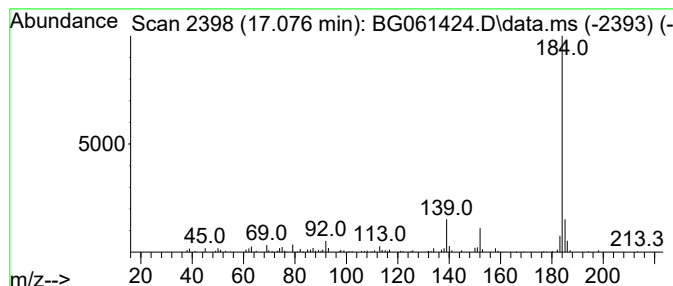
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphtho[2,1-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.076	6.06 ng/ul	182704	Phenanthrene-d10	17.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2			Dibenzothiophene	184	C12H8S	000132-65-0	95
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4			Dibenzothiophene	184	C12H8S	000132-65-0	94
5			Dibenzothiophene	184	C12H8S	000132-65-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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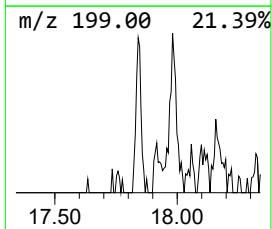
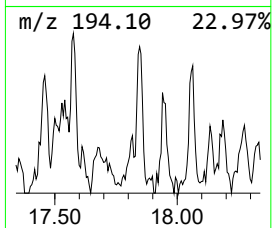
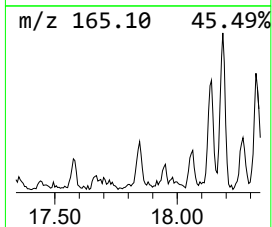
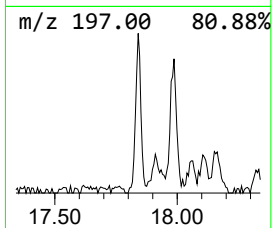
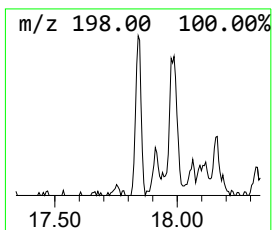
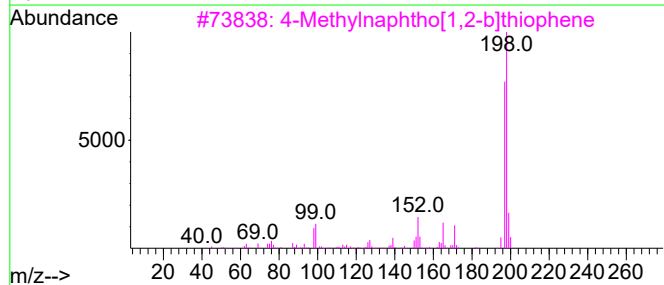
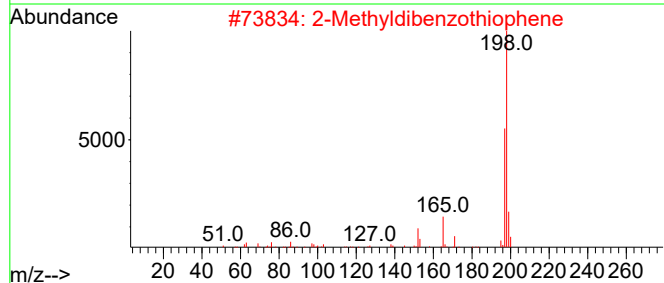
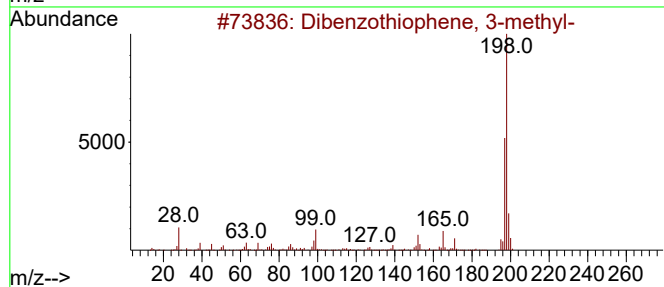
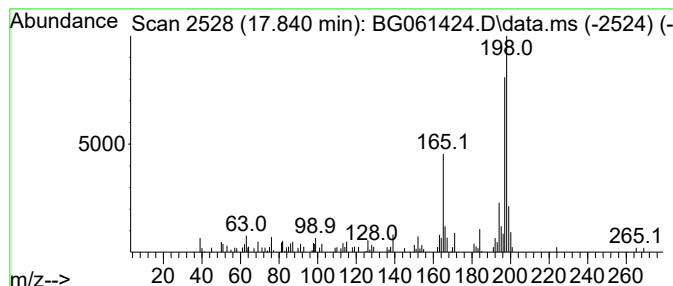
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Dibenzothiophene, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.840	3.07 ng/ul	92544	Phenanthrene-d10	17.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	74
2			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	64
3			4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	62
4			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	58
5			Tacrine	198	C13H14N2	000321-64-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
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Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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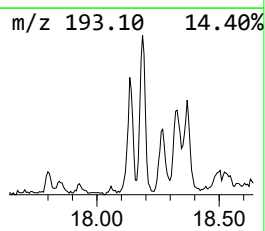
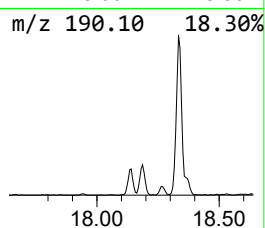
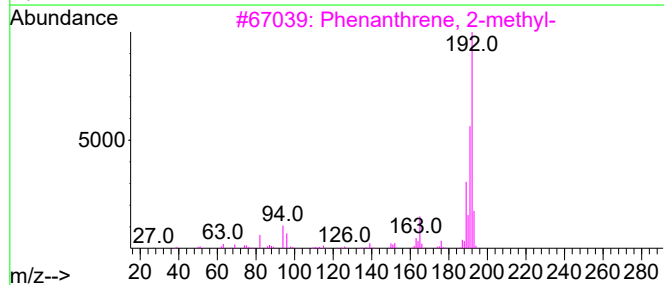
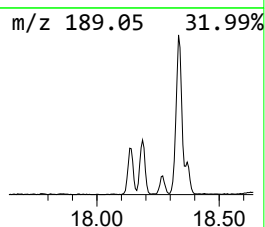
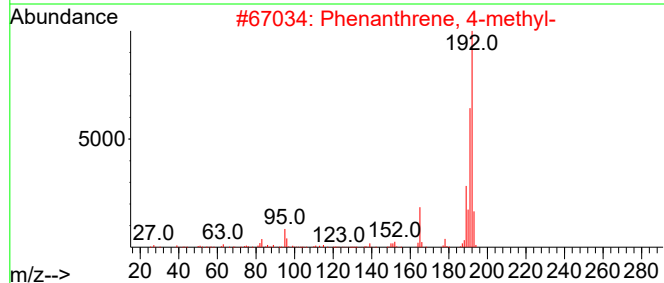
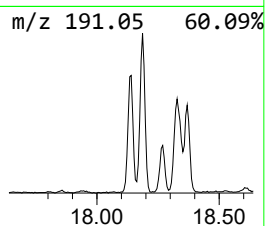
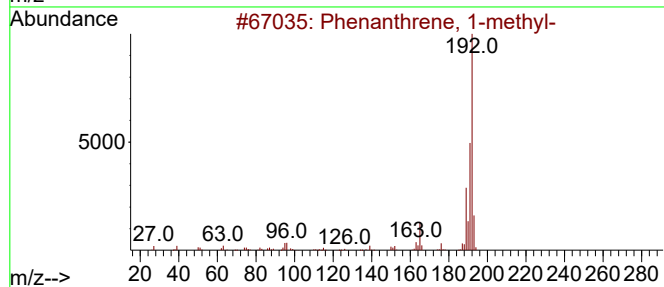
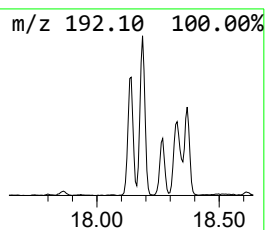
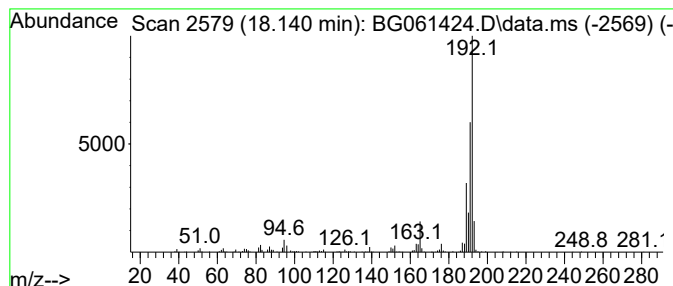
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	14.46 ng/ul	435652	Phenanthrene-d10	17.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
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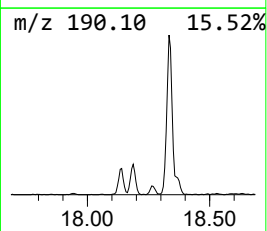
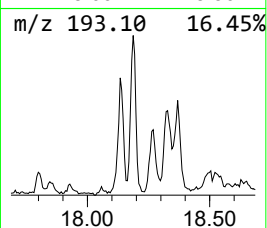
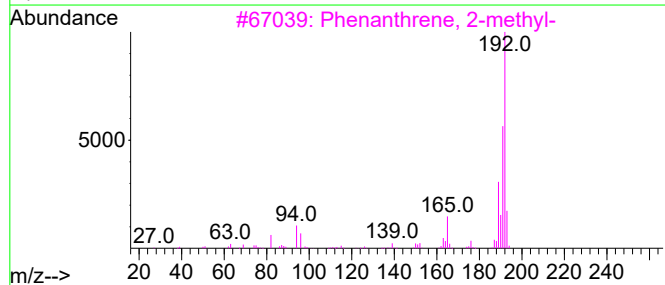
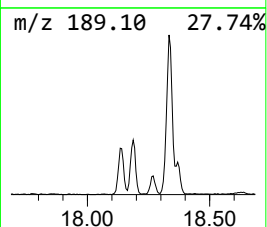
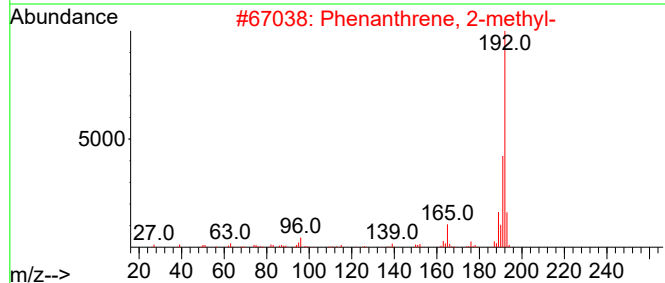
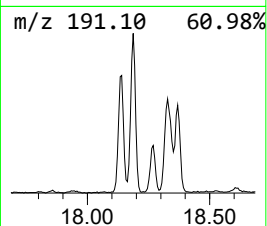
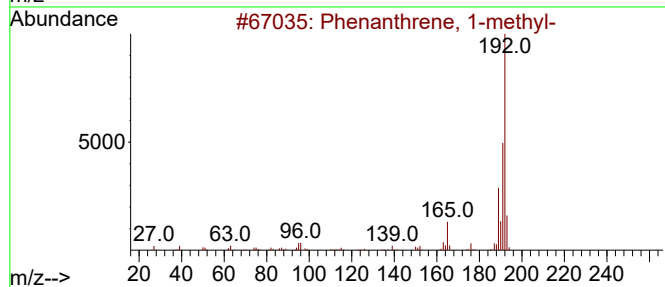
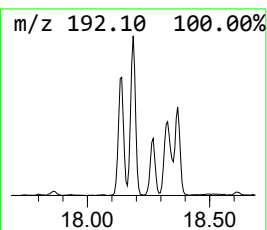
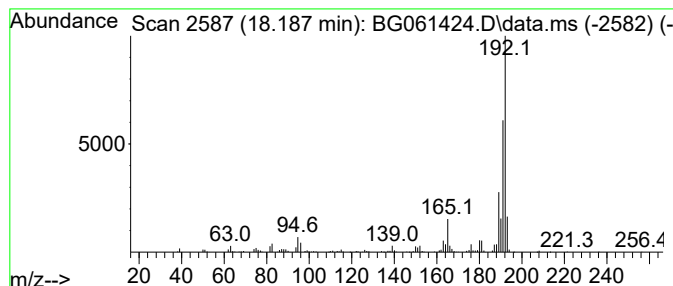
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.187	20.19 ng/ul	608380	Phenanthrene-d10	17.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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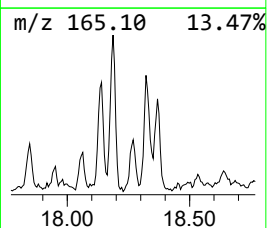
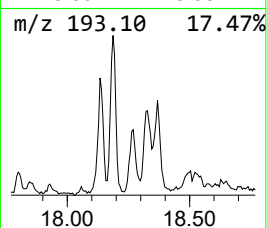
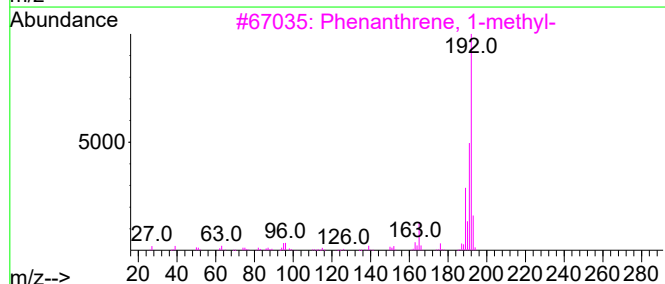
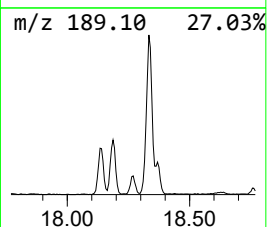
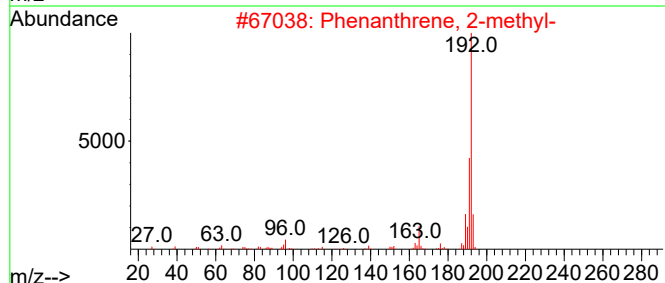
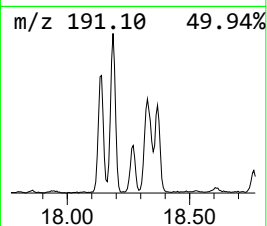
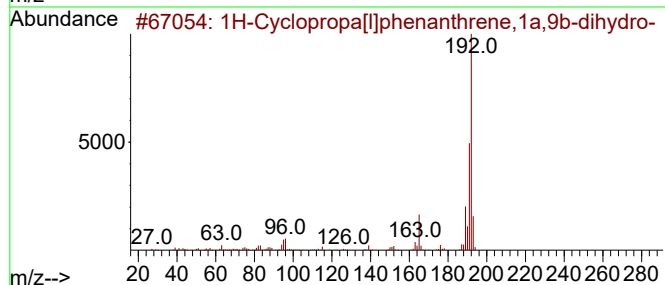
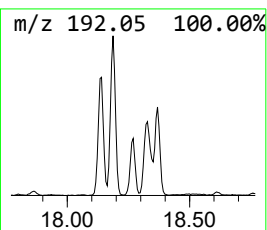
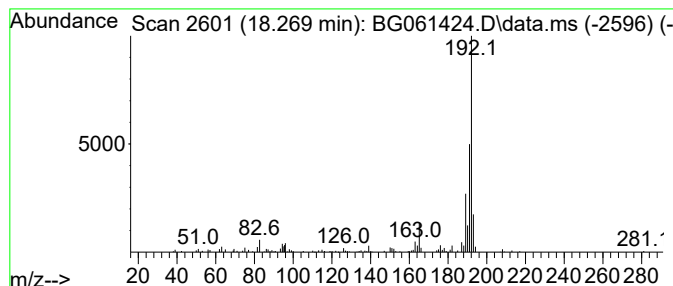
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	5.91 ng/ul	178147	Phenanthrene-d10	17.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

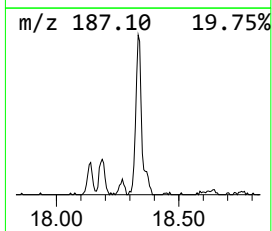
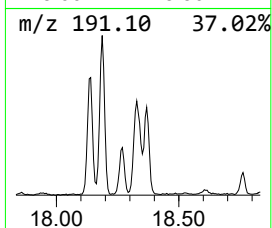
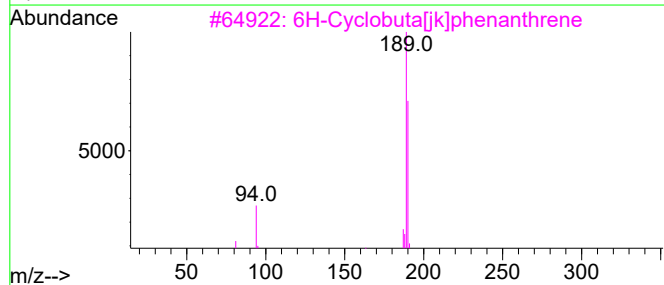
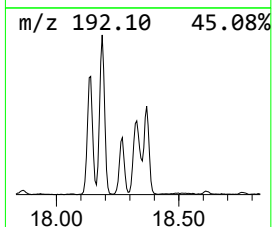
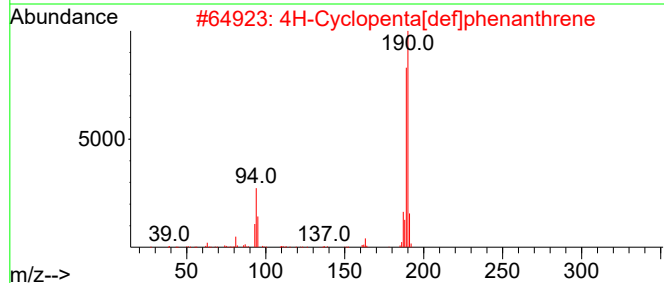
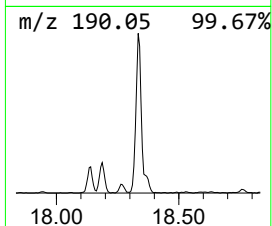
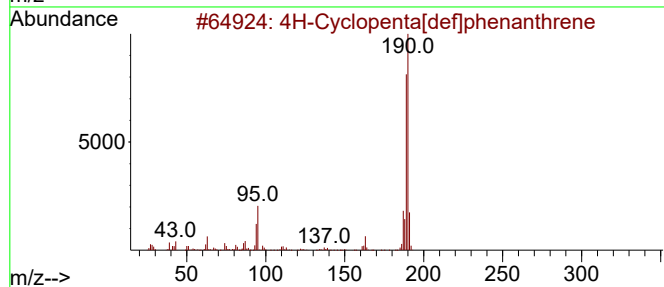
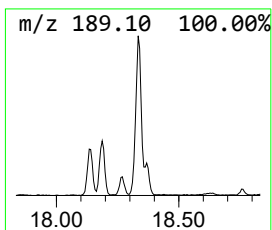
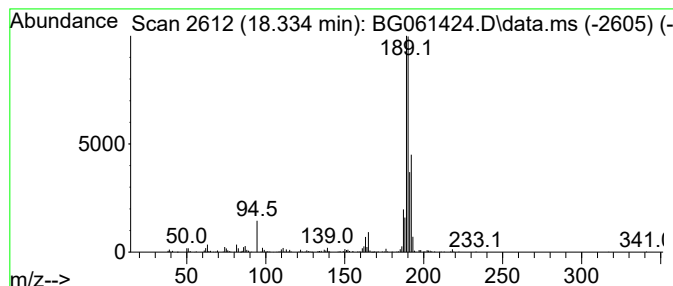
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.334	24.56 ng/ul	740098	Phenanthrene-d10		17.259	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	86
2	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	59
4	2,3,5,6-Tetramethylterephthalald...		190	C12H14O2	007072-01-7	47
5	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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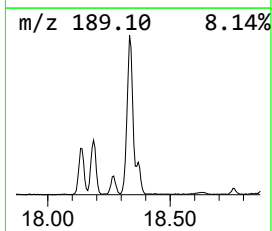
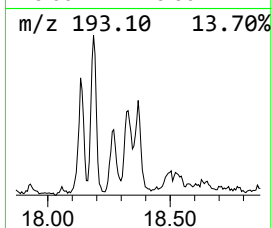
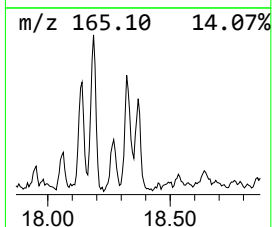
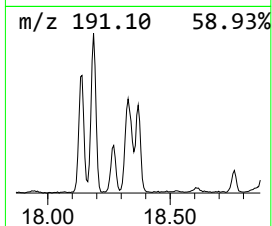
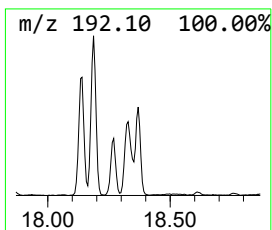
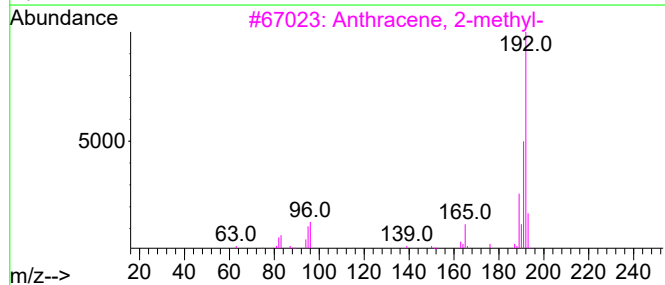
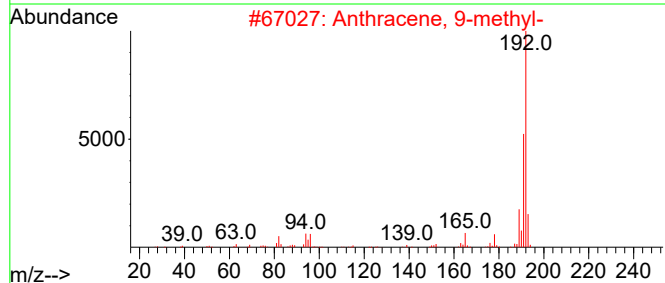
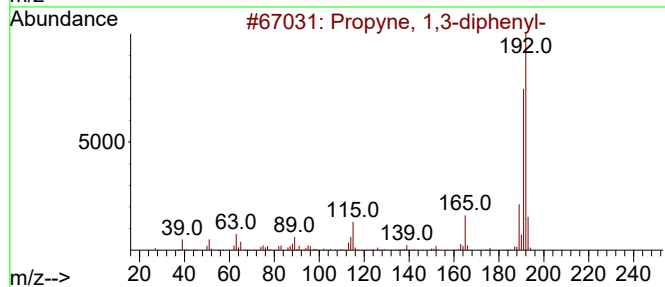
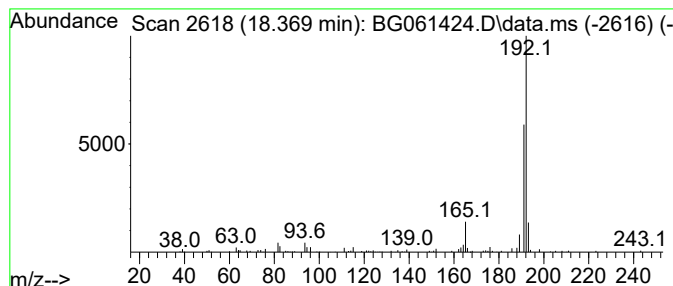
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Propyne, 1,3-diphenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	7.56 ng/ul	227818	Phenanthrene-d10	17.259

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	90
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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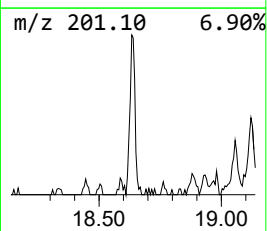
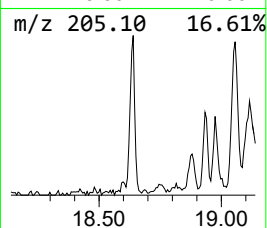
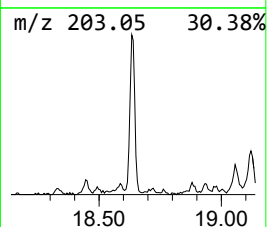
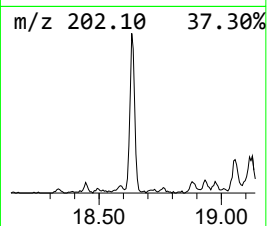
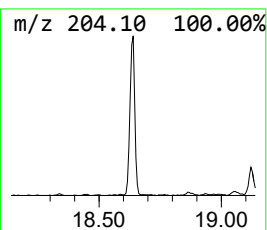
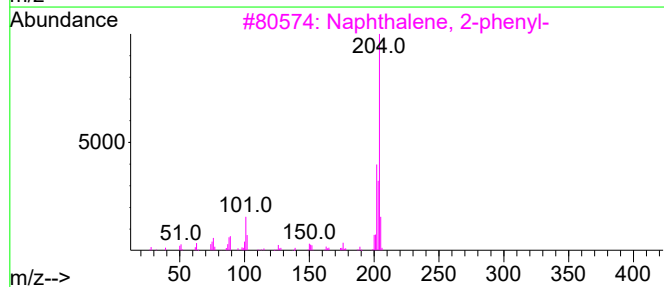
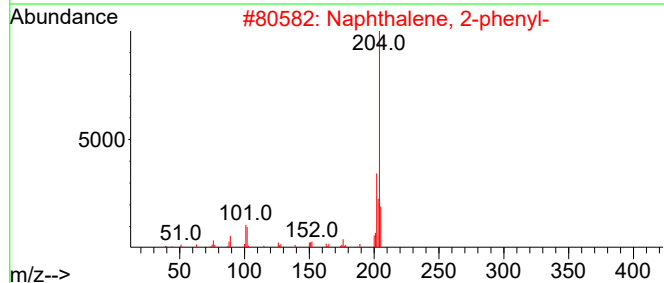
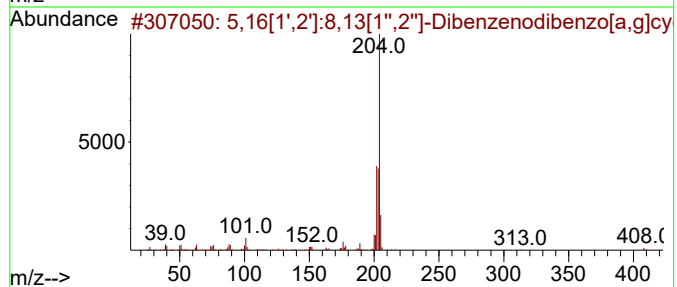
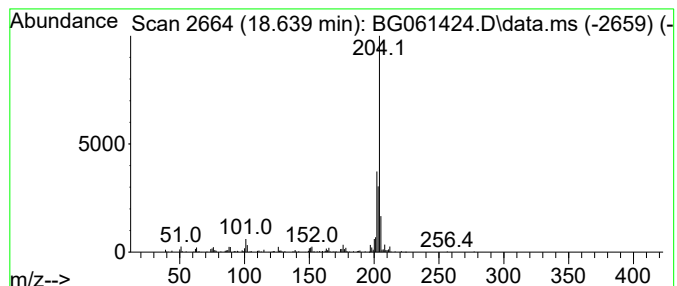
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	10.44 ng/ul	314694	Phenanthrene-d10	17.259

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24		005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12		000612-94-2	89
3	Naphthalene, 2-phenyl-	204	C16H12		000612-94-2	89
4	Naphthalene, 2-phenyl-	204	C16H12		000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12		000612-94-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
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Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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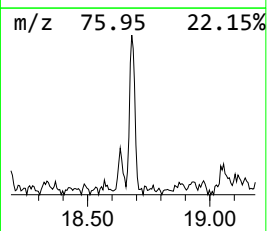
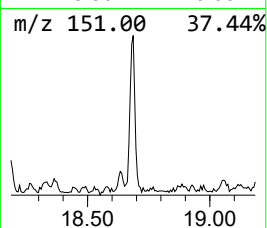
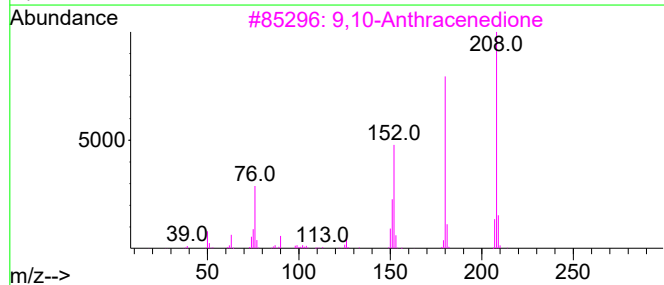
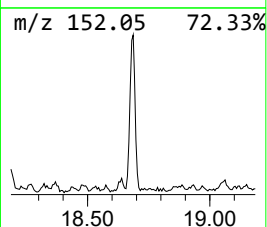
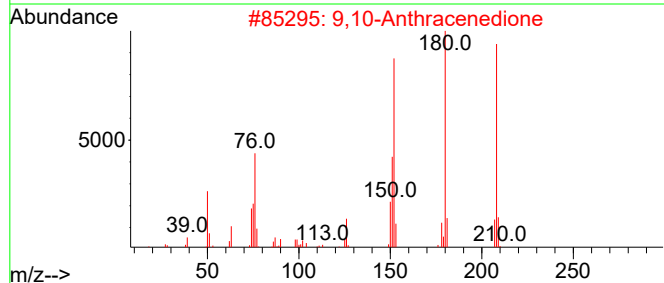
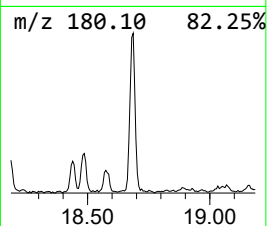
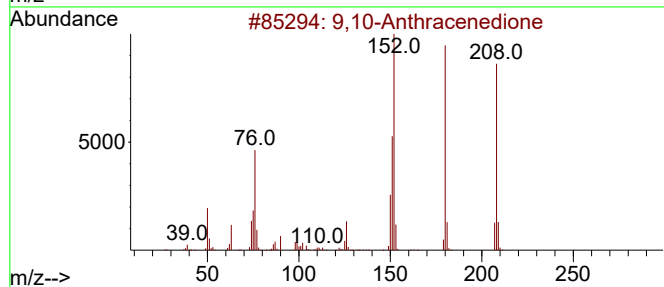
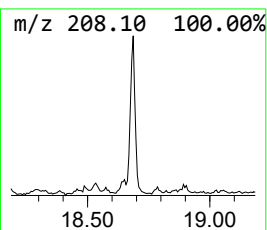
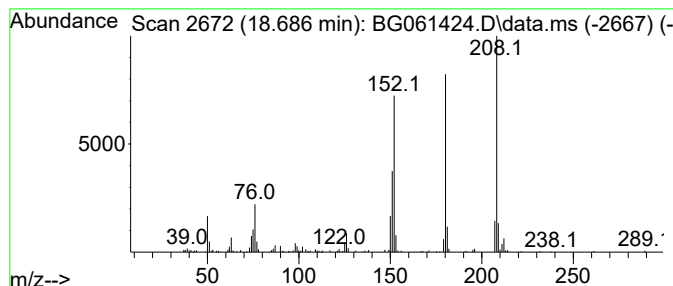
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.686	9.31 ng/ul	280379	Phenanthrene-d10	17.259

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	96
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	93
5	Benzo[h]cinnoline			180	C12H8N2	000230-31-9	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
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Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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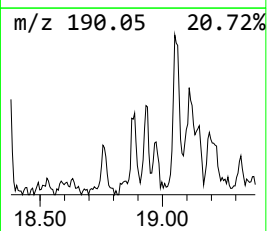
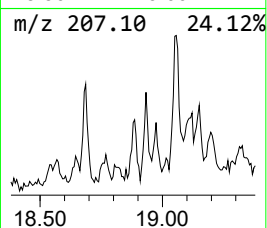
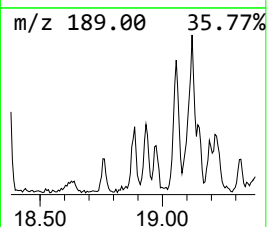
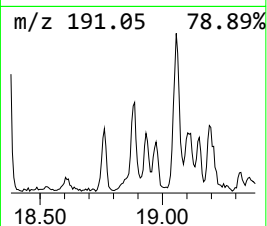
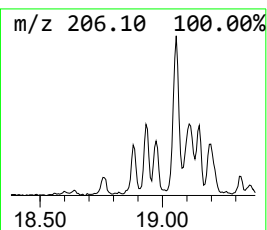
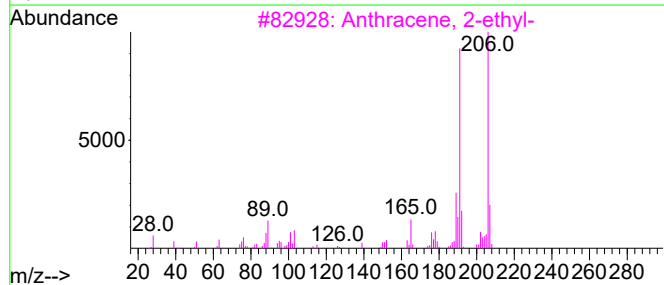
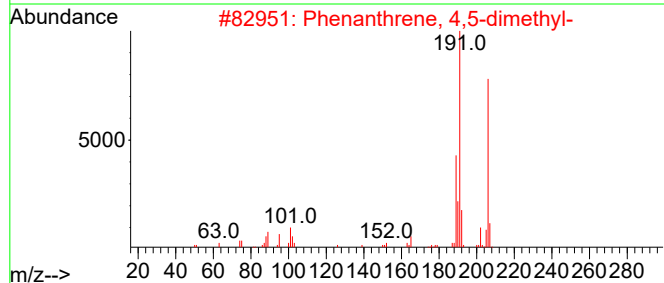
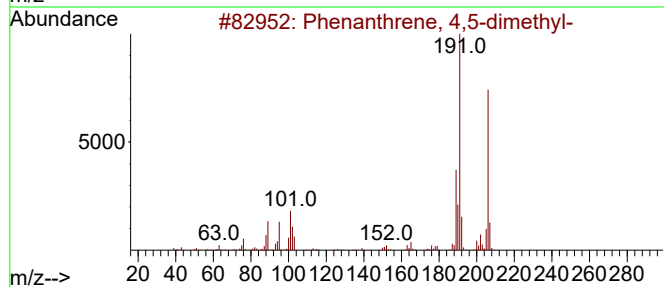
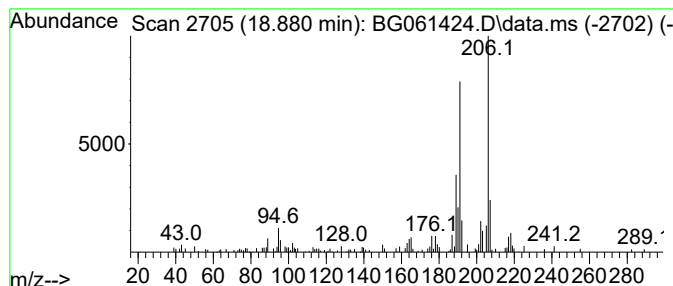
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Phenanthrene, 4,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.880	3.71 ng/ul	111863	Phenanthrene-d10	17.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
2			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
3			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	87
4			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

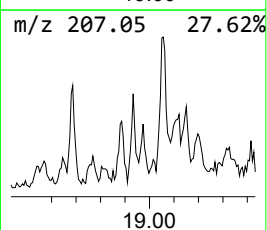
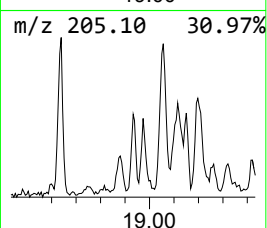
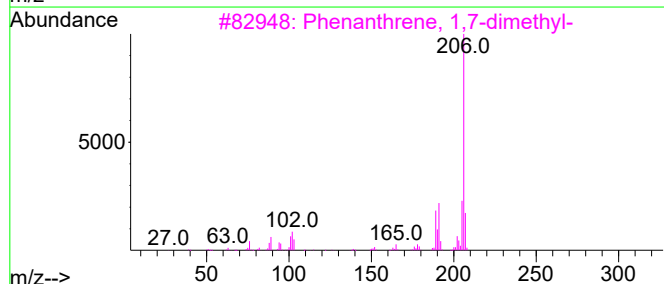
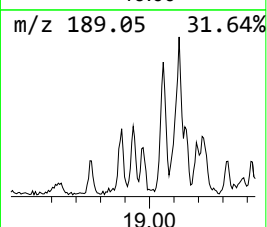
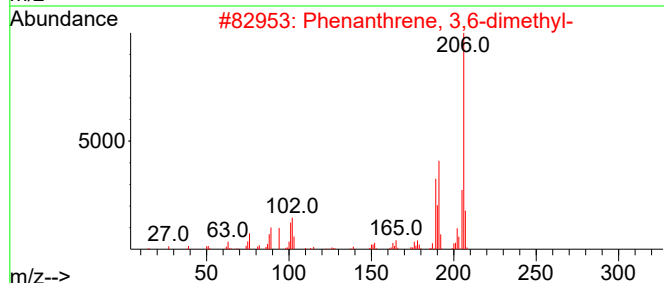
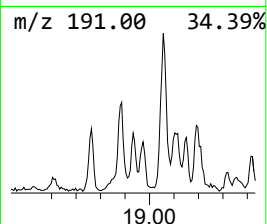
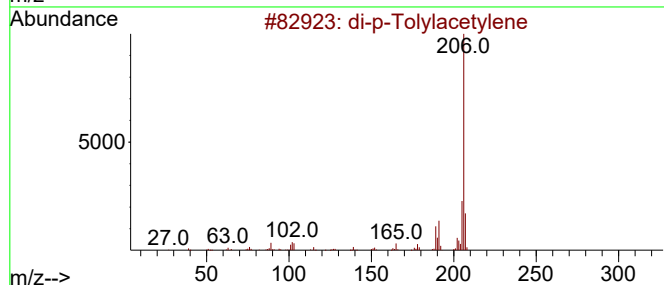
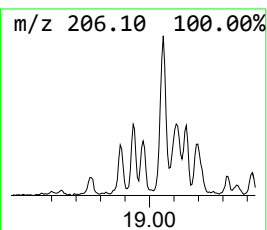
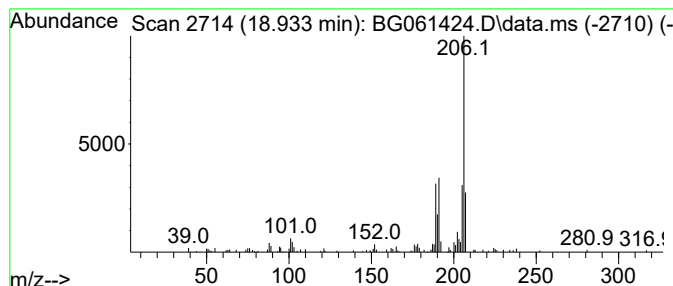
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 di-p-Tolylacetylene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.933	3.30 ng/ul	99374	Phenanthrene-d10		17.259	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene		206	C16H14	002789-88-0	90
2	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	90
3	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	87
4	Phenanthrene, 2,7-dimethyl-		206	C16H14	001576-69-8	87
5	di-p-Tolylacetylene		206	C16H14	002789-88-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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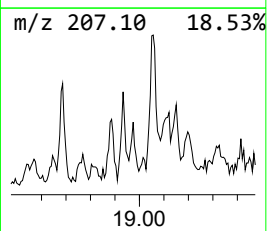
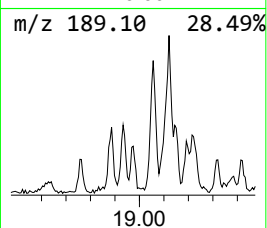
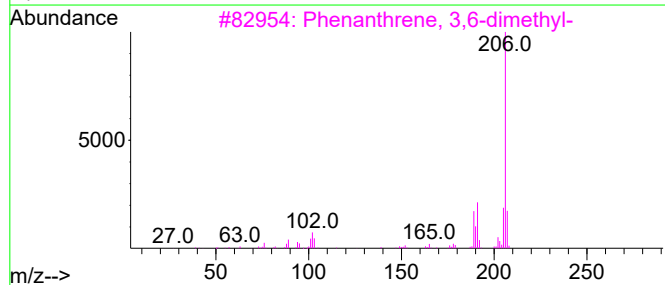
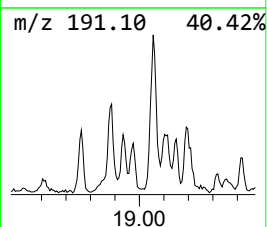
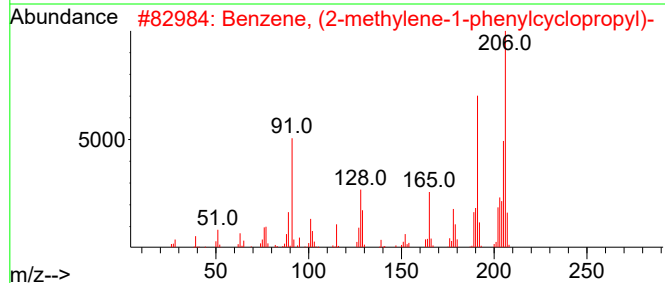
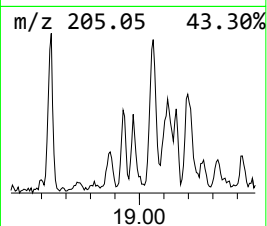
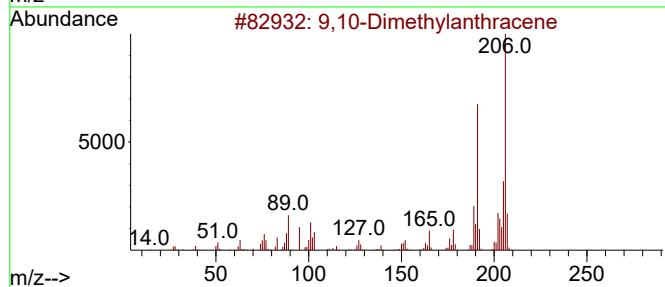
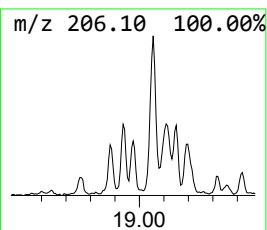
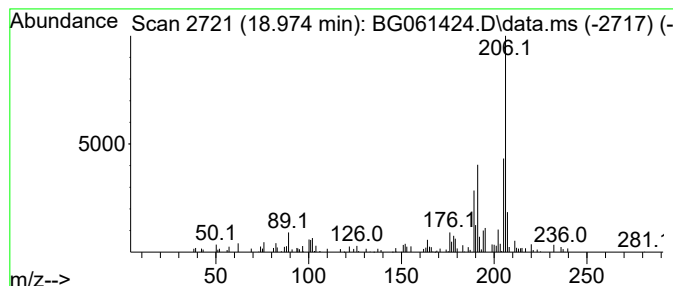
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 9,10-Dimethylantracene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.974	2.81 ng/ul	84673	Phenanthrene-d10	17.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene			206	C16H14	000781-43-1	81
2	Benzene, (2-methylene-1-phenylcy...			206	C16H14	025152-47-0	76
3	Phenanthrene, 3,6-dimethyl-			206	C16H14	001576-67-6	74
4	[14]Annulene, 1,6:8,13-bis(metha...			206	C16H14	085385-68-8	74
5	di-p-Tolylacetylene			206	C16H14	002789-88-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

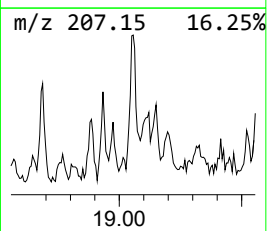
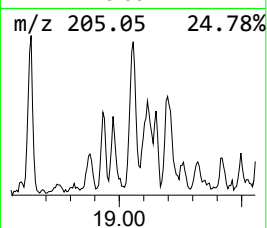
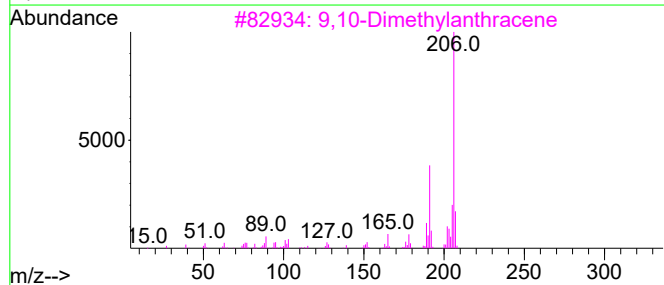
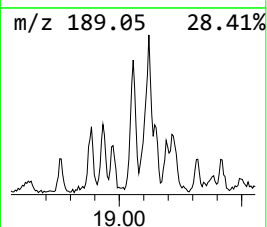
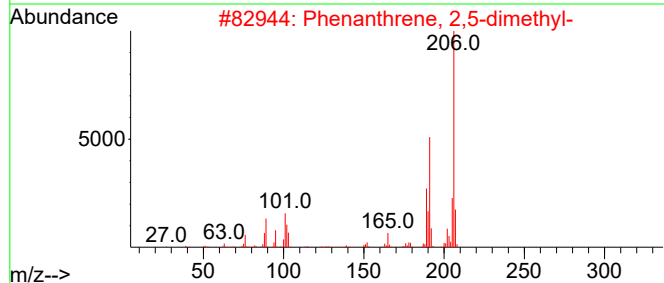
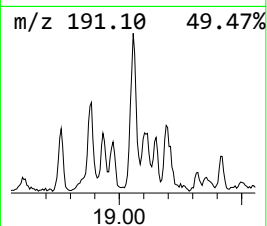
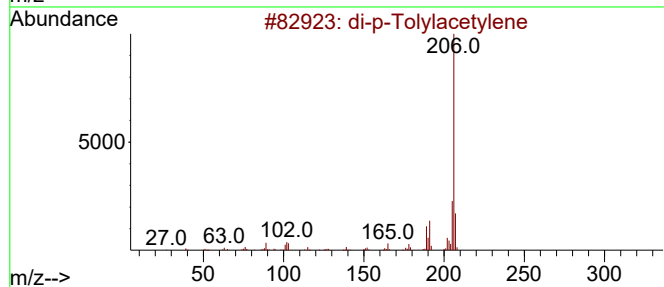
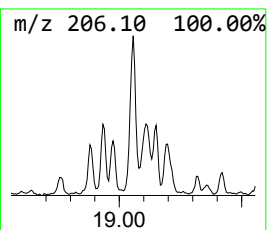
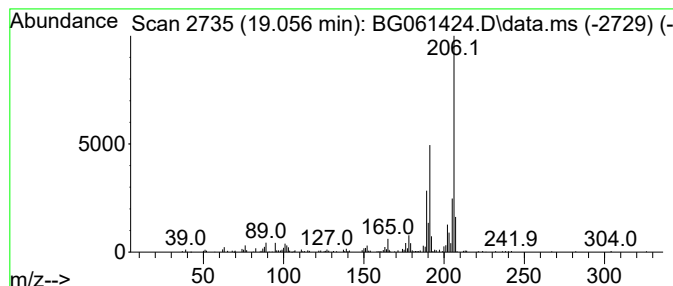
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.056	11.16 ng/ul	336201	Phenanthrene-d10		17.259	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene		206	C16H14	002789-88-0	93
2	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	93
3	9,10-Dimethylantracene		206	C16H14	000781-43-1	91
4	9,10-Dimethylantracene		206	C16H14	000781-43-1	90
5	Phenanthrene, 2,7-dimethyl-		206	C16H14	001576-69-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
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Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

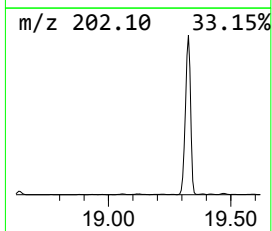
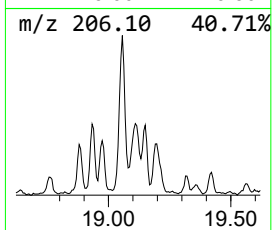
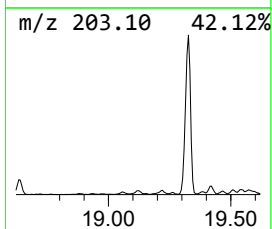
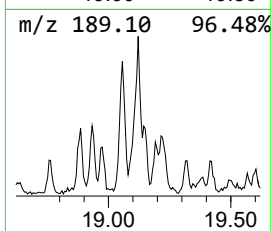
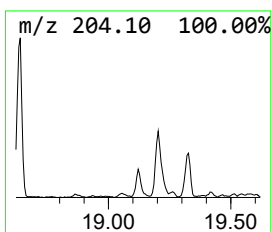
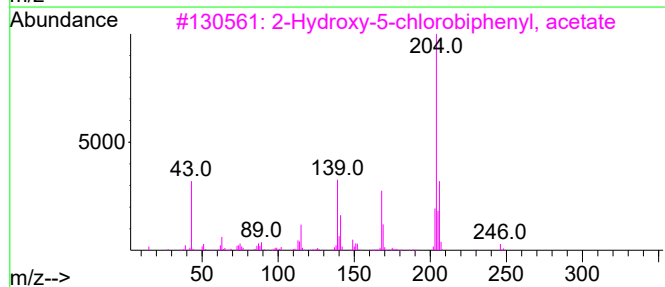
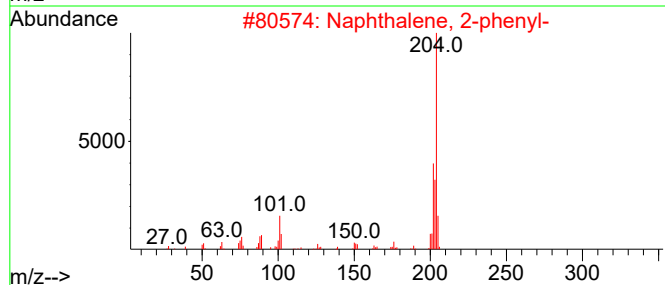
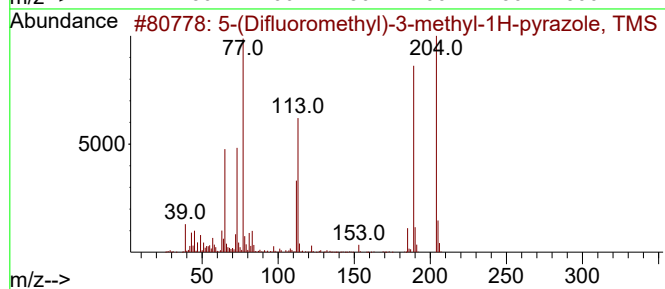
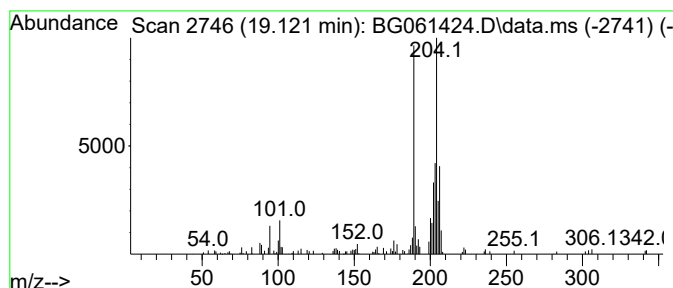
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.121	5.93 ng/ul	178593	Phenanthrene-d10	17.259	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(Difluoromethyl)-3-methyl-1H-p...	204	C8H14F2N2Si	1000498-58-2	43
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	41
3	2-Hydroxy-5-chlorobiphenyl, acetate	246	C14H11ClO2	1000447-68-0	38
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	38
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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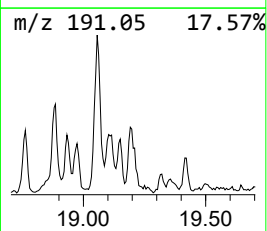
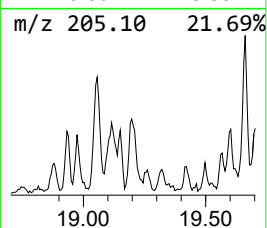
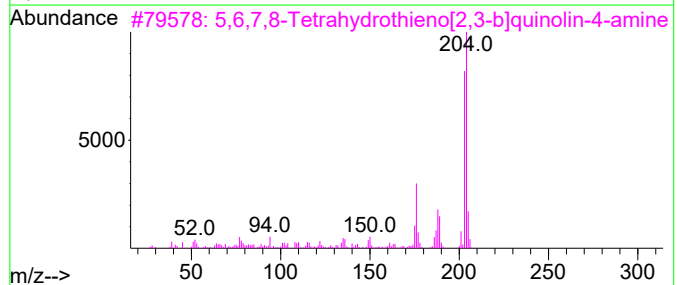
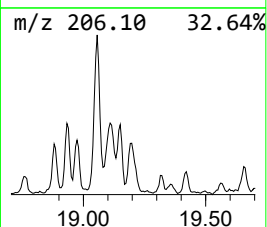
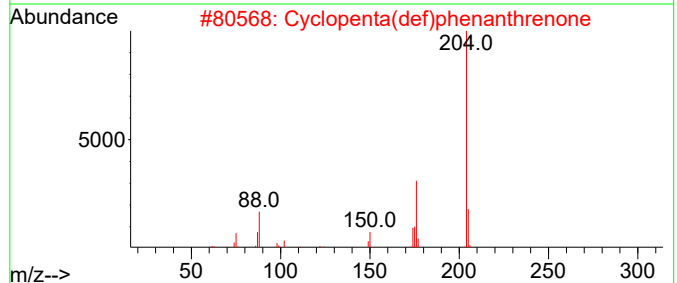
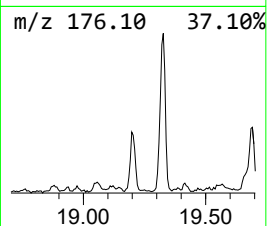
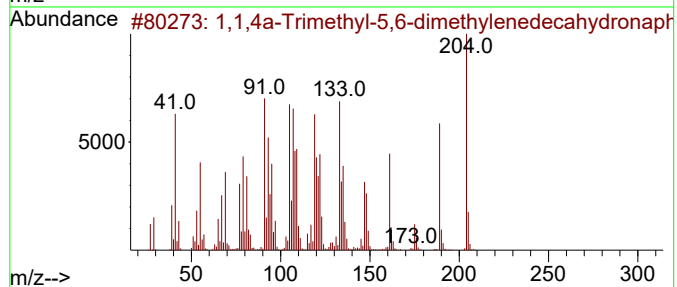
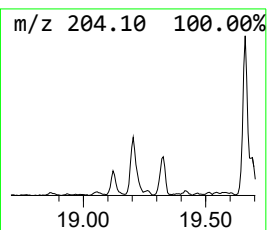
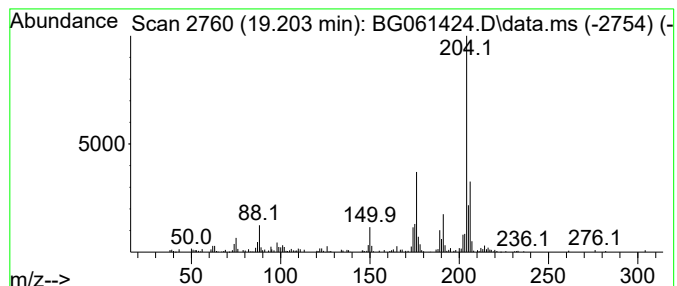
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.203	9.48 ng/ul	285653	Phenanthrene-d10	17.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	86		
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76		
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53		
4	1-Aminocyclopentanecarboxylic ac...	431	C23H42ClNO4	1000392-63-0	47		
5	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	47		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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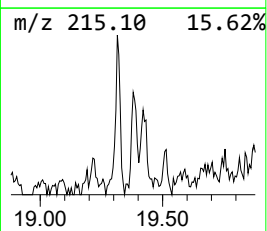
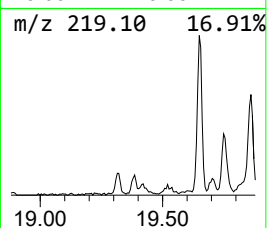
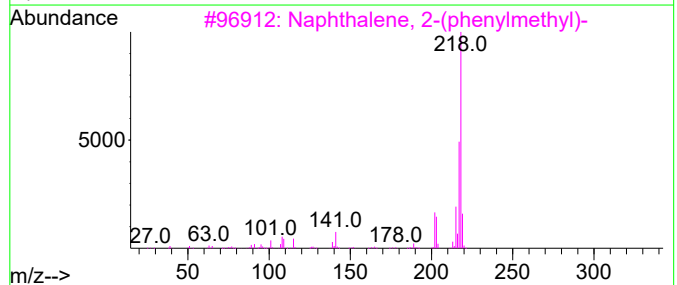
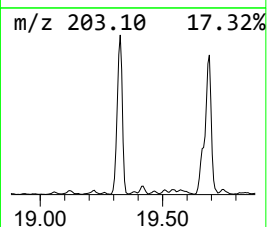
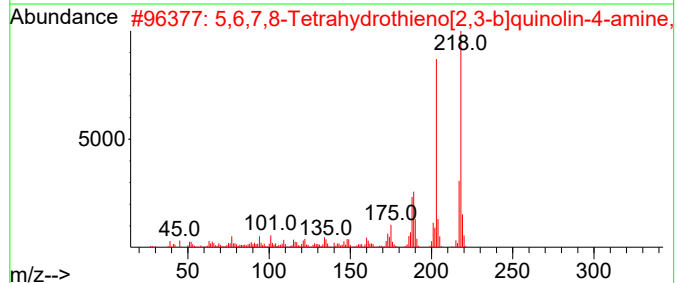
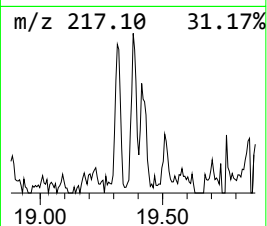
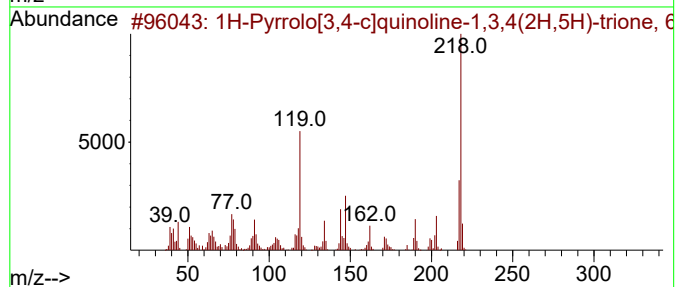
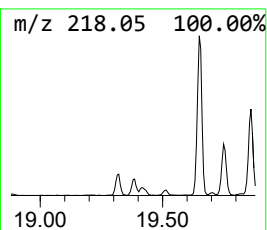
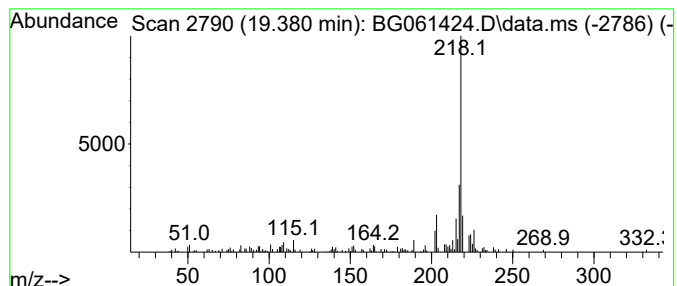
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 1H-Pyrrolo[3,4-c]quinoline-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	2.54 ng/ul	76482	Phenanthrene-d10	17.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Pyrrolo[3,4-c]quinoline-1,3,4...	218	C11H10N2O3	181021-85-2	72
2			5,6,7,8-Tetrahydrothieno[2,3-b]q...	218	C12H14N2S	134315-44-9	59
3			Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	53
4			Isoquinoline, 1,2,3,4-tetrahydro...	287	C18H25NO2	1000296-96-5	50
5			1H-Cyclopenta[1]phenanthrene, 2,...	218	C17H14	000723-98-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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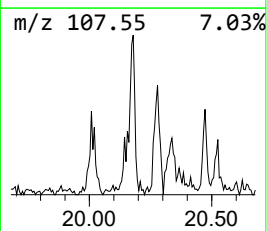
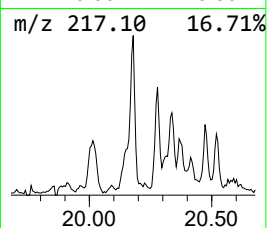
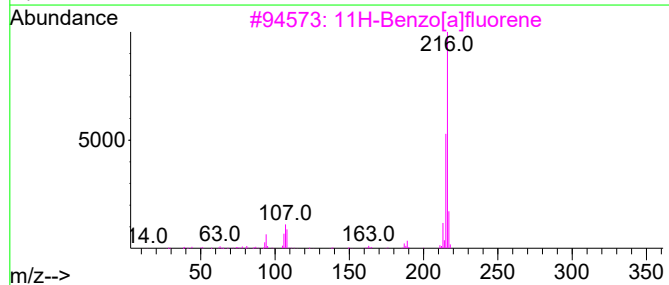
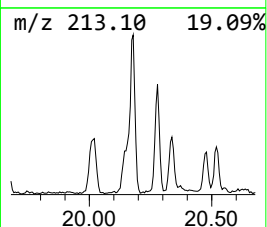
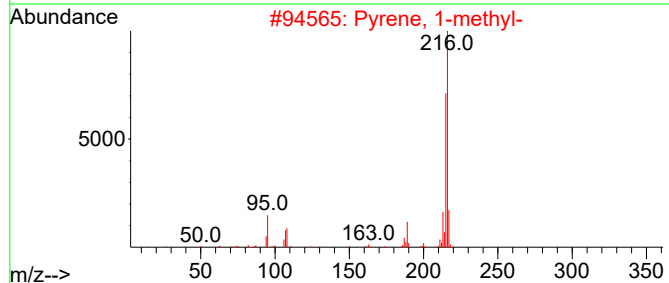
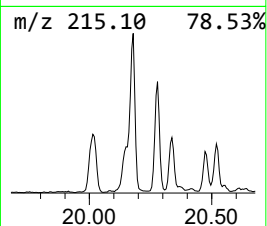
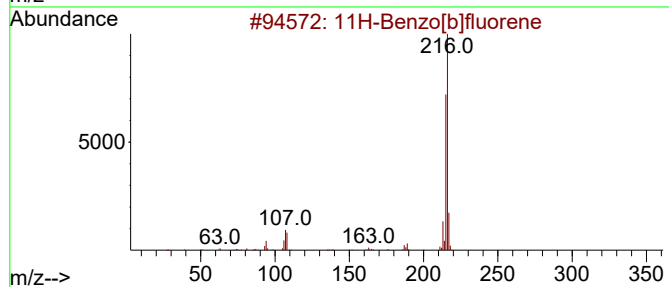
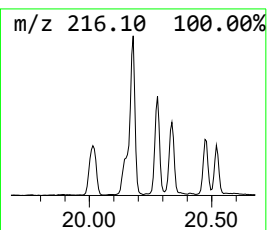
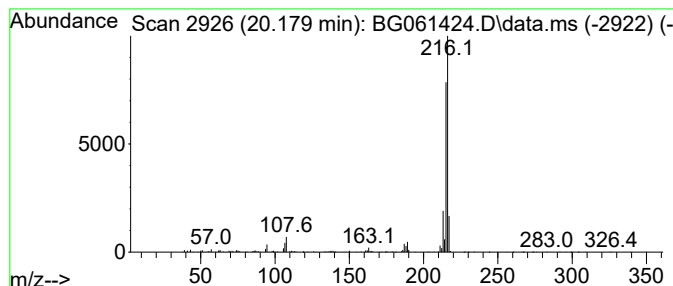
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.179	4.22 ng/ul	739303	Chrysene-d12	21.518

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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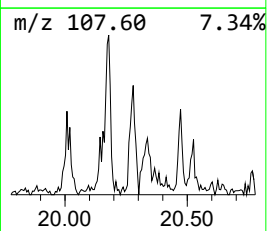
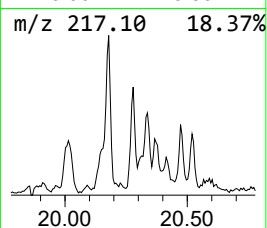
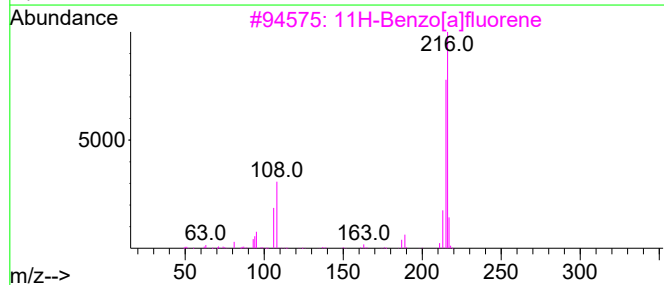
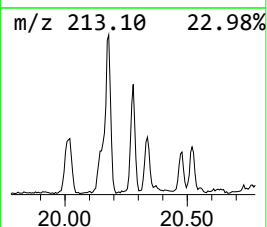
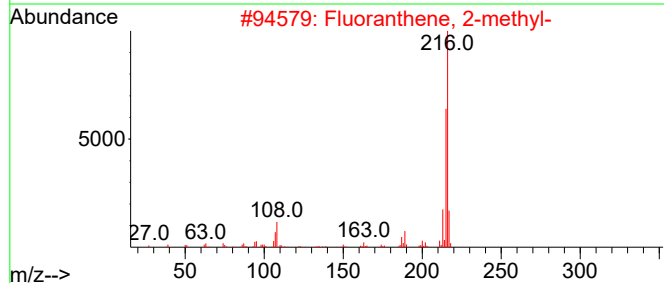
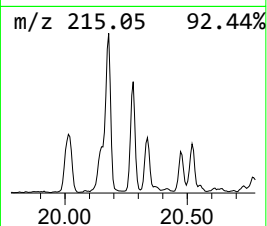
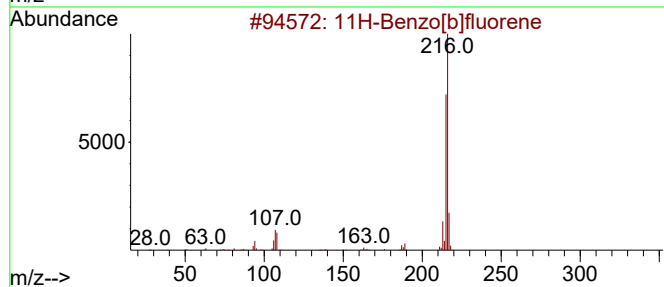
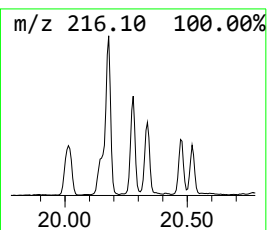
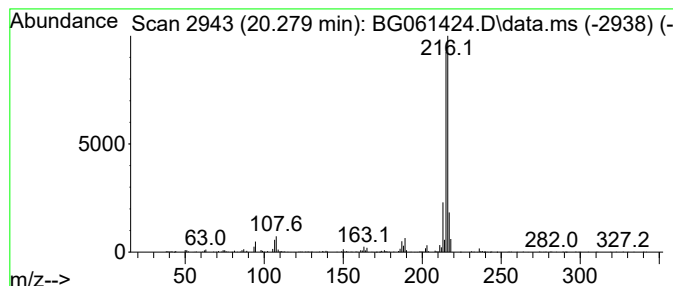
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Fluoranthene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.279	2.64 ng/ul	462406	Chrysene-d12	21.518

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene			216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-			216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene			216	C17H12	000238-84-6	90
4	11H-Benzo[a]fluorene			216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene			216	C17H12	000243-17-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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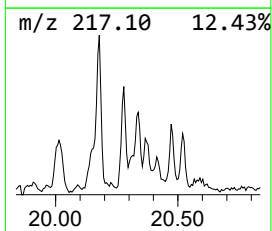
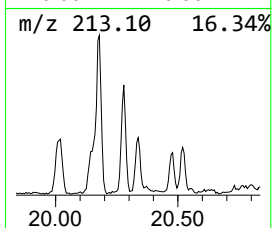
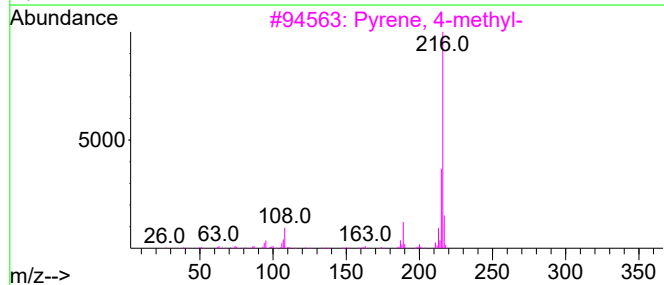
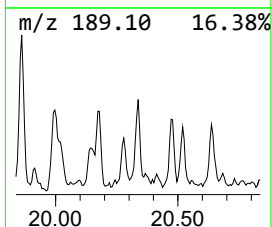
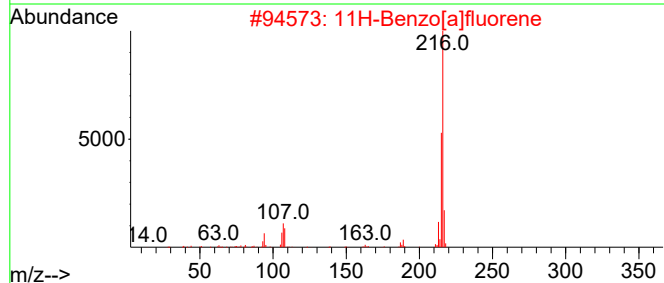
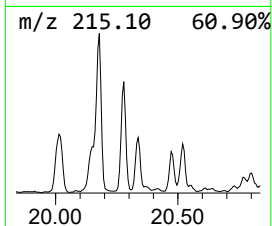
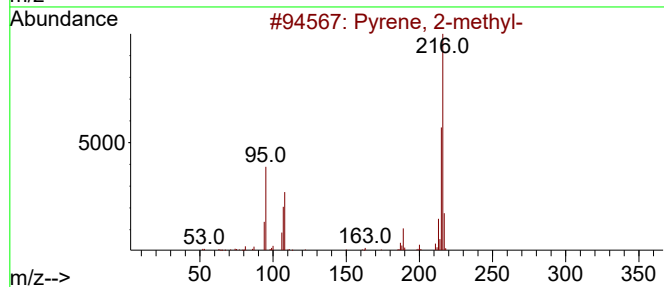
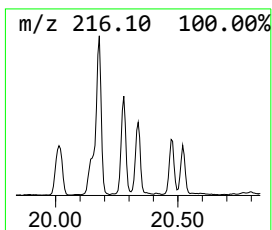
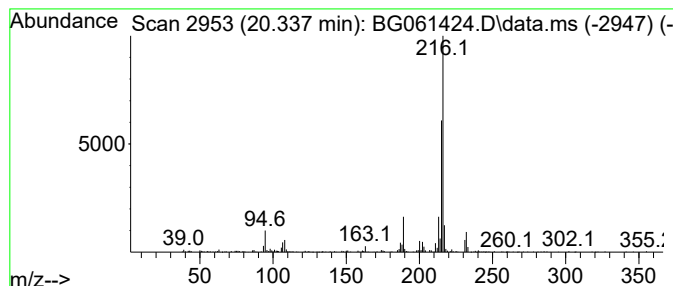
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Pyrene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.337	2.75 ng/ul	481801	Chrysene-d12	21.518

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3			Pyrene, 4-methyl-	216	C17H12	003353-12-6	76
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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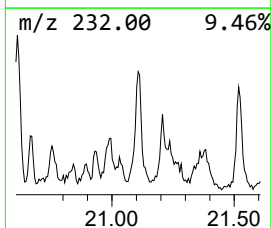
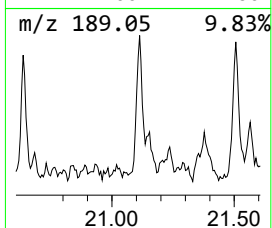
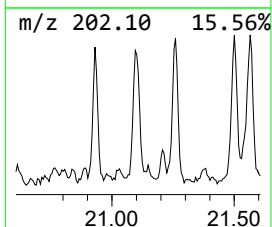
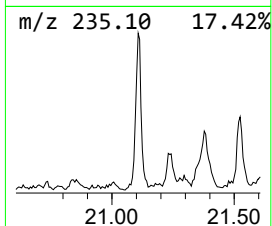
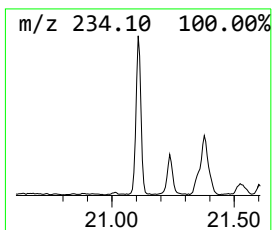
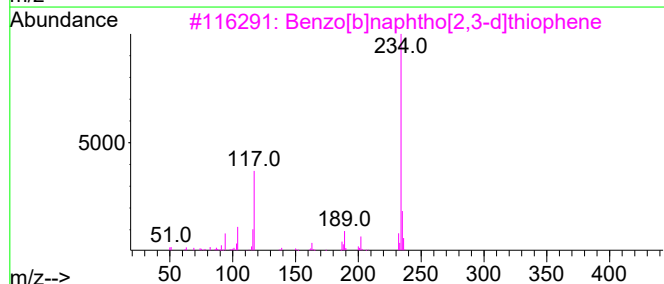
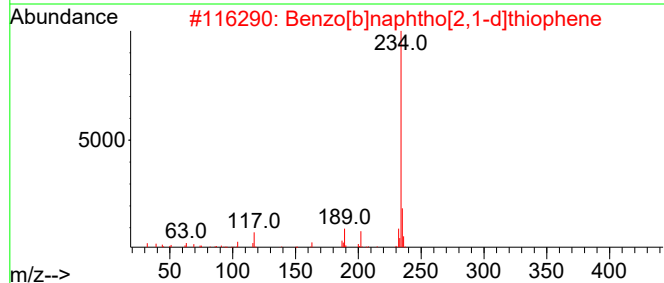
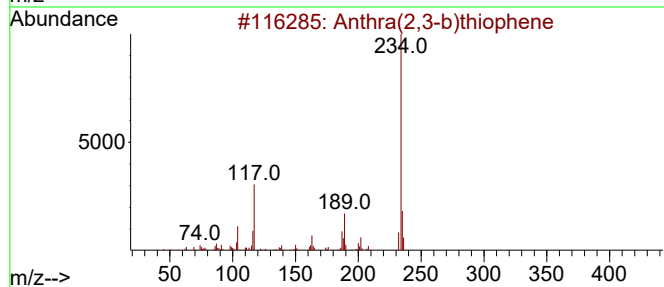
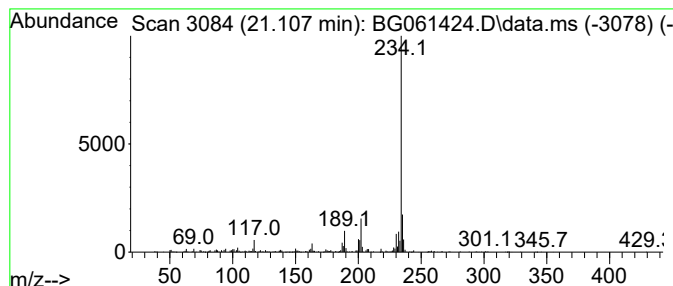
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Anthra(2,3-b)thiophene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.107	2.61 ng/ul	456607	Chrysene-d12	21.518

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

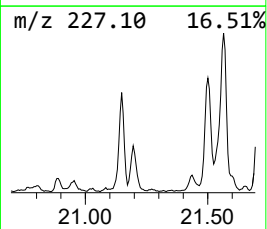
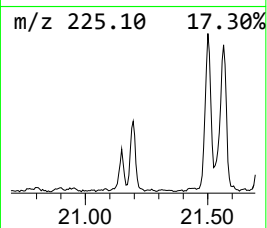
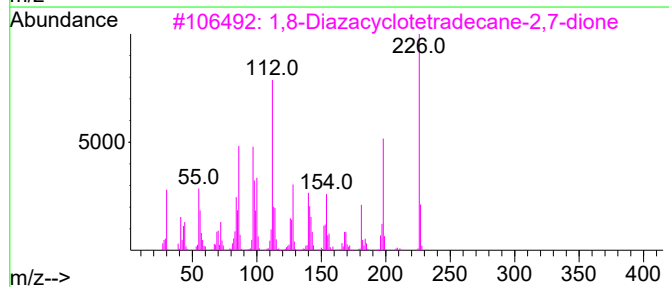
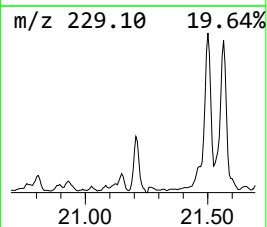
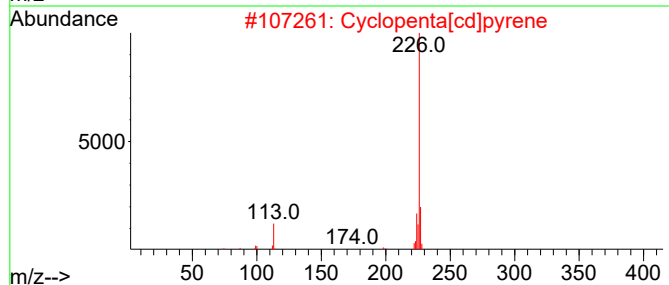
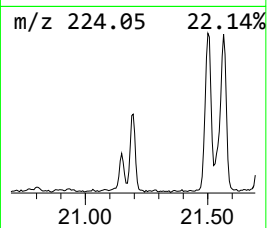
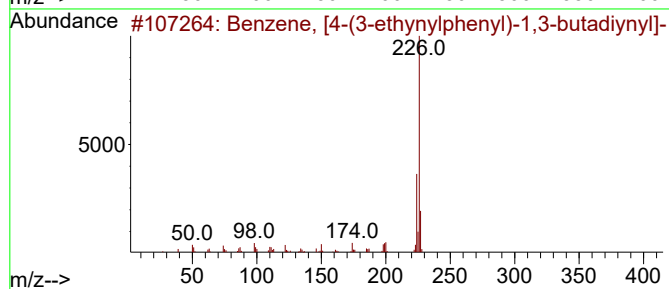
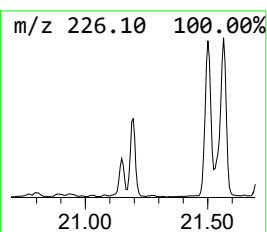
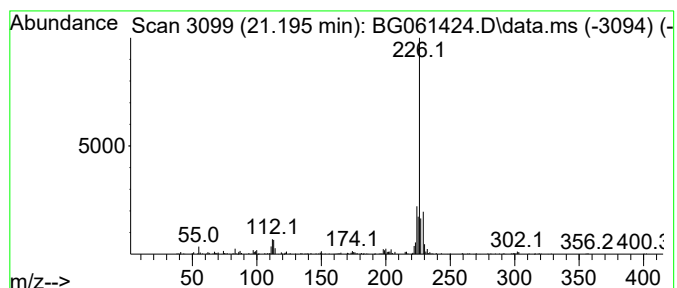
Instrument :
BNA_G
ClientSampleId :
BHBN7

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 35 Benzene, [4-(3-ethynylpheny... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.195	3.64 ng/ul	636503	Chrysene-d12	21.518	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	52
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	52
3	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	43
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	43
5	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

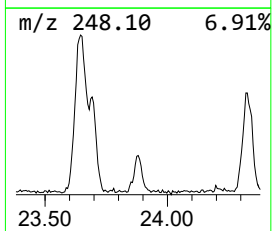
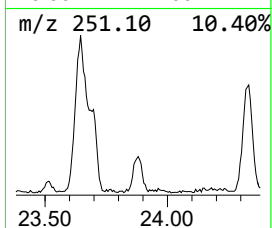
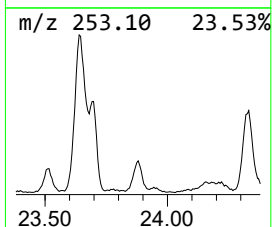
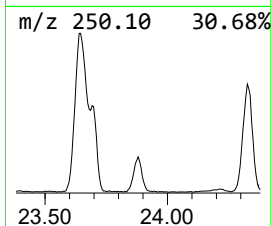
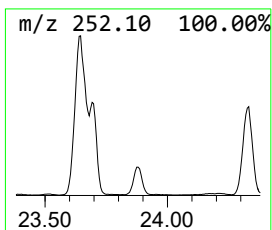
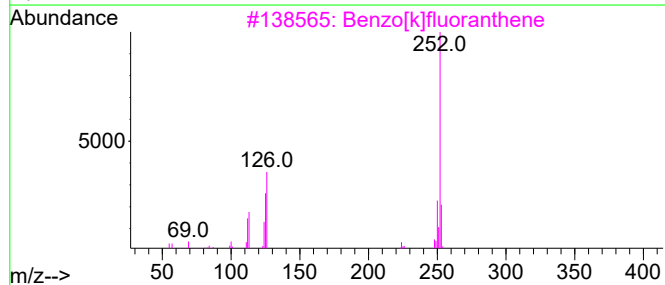
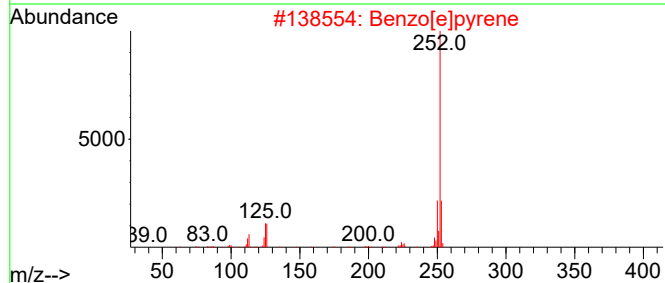
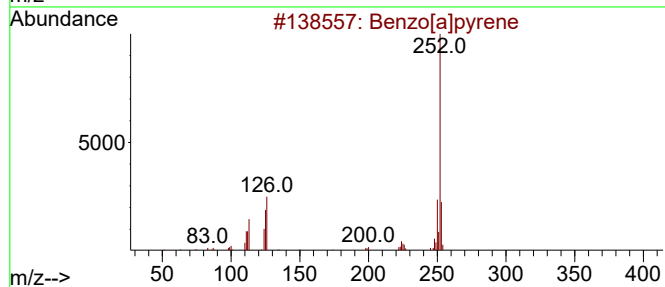
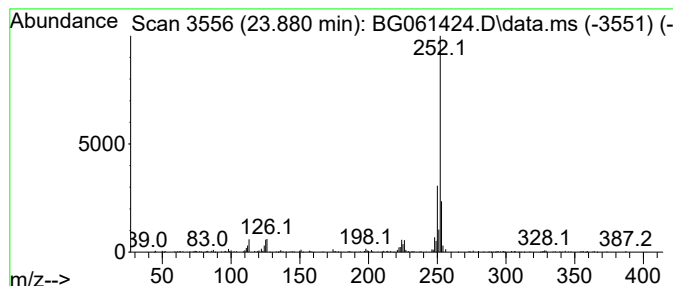
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 41 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.880	8.01 ng/ul	321768	Perylene-d12	24.609	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	87
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Perylene	252	C20H12	000198-55-0	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

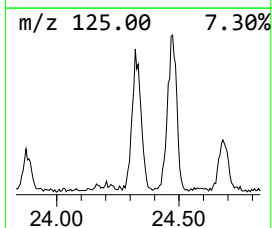
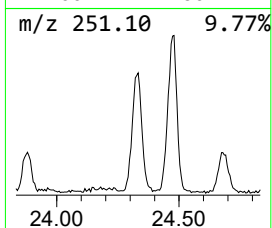
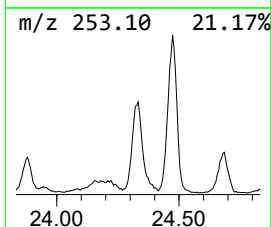
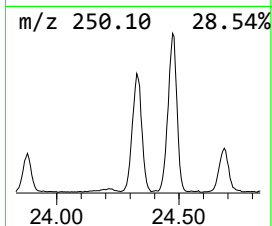
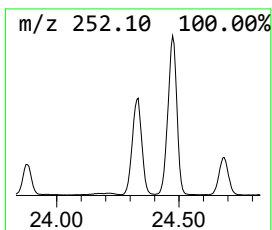
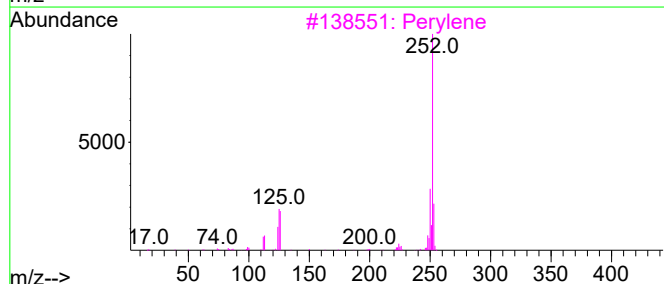
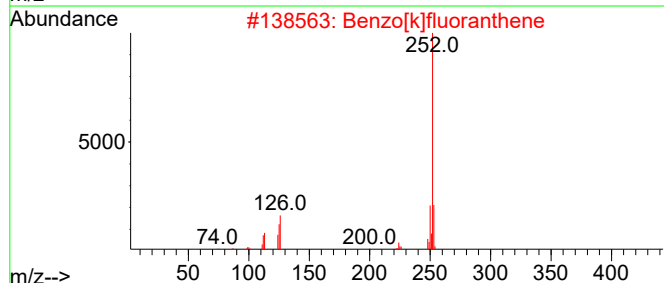
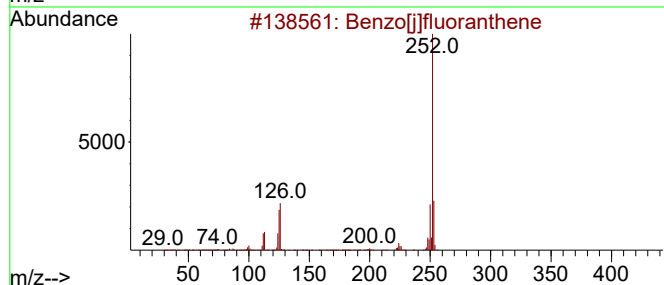
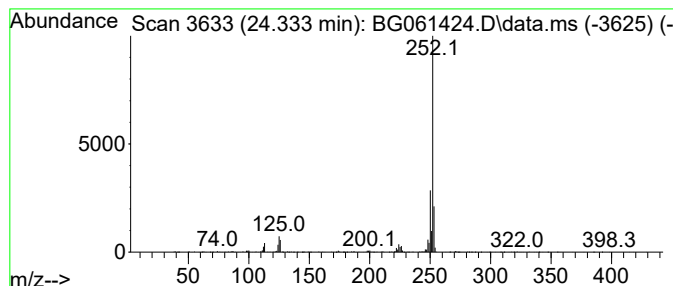
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BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 42 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.333	29.46 ng/ul	1182990	Perylene-d12	24.609	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[e]pyrene	252	C20H12	000192-97-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

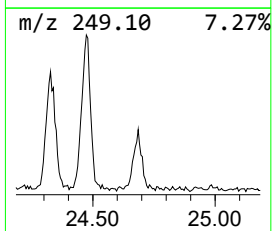
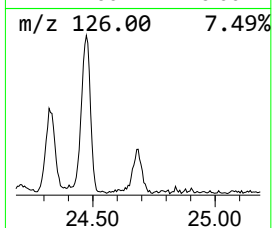
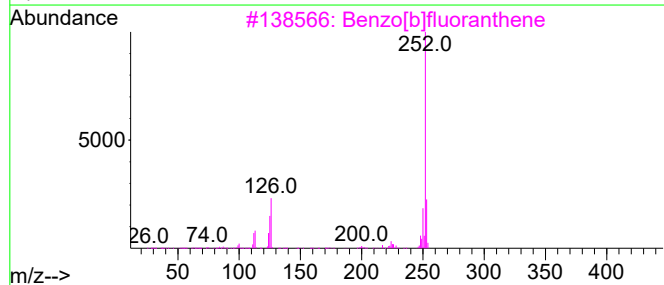
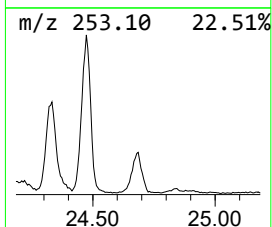
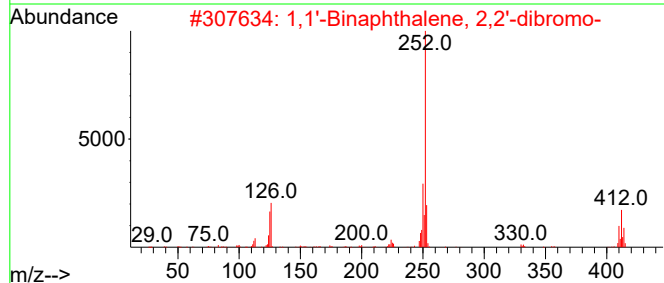
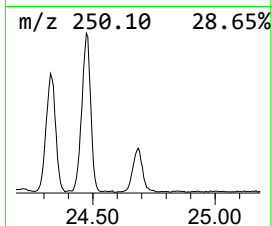
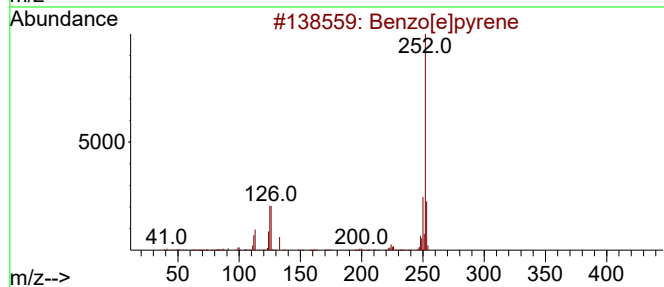
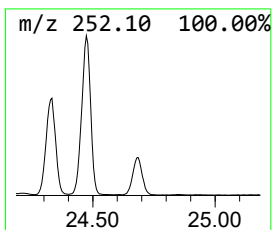
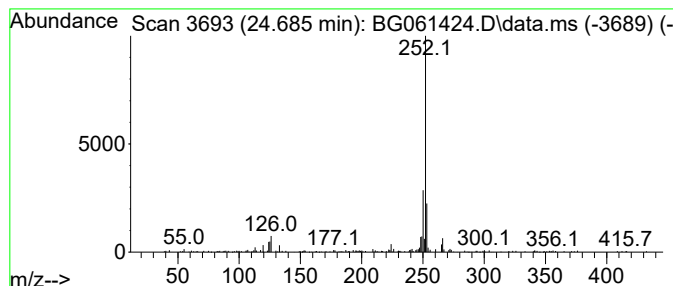
Instrument :
BNA_G
ClientSampleId :
BHBN7

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 43 1,1'-Binaphthalene, 2,2'-di... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.685	14.77 ng/ul	593236	Perylene-d12	24.609	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	89
2	1,1'-Binaphthalene, 2,2'-dibromo-	410	C20H12Br2	074866-28-7	83
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
4	Perylene	252	C20H12	000198-55-0	76
5	Perylene	252	C20H12	000198-55-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061424.D
Acq On : 3 Jun 2024 15:26
Operator : MA/JU
Sample : P2577-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7

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...	3.081	279.7	ng/ul	3336670	1	7.870	238605	20.0
Dibenzofuran, 4...	15.854	3.2	ng/ul	79938	3	14.509	502880	20.0
9H-Fluoren-3-ol	16.001	3.5	ng/ul	103863	4	17.259	602592	20.0
9H-Fluorene, 2-...	16.565	4.2	ng/ul	125870	4	17.259	602592	20.0
9H-Fluoren-9-one	16.918	4.0	ng/ul	120317	4	17.259	602592	20.0
Phenanthrene, 1...	17.012	5.3	ng/ul	158929	4	17.259	602592	20.0
Naphtho[2,1-b]t...	17.076	6.1	ng/ul	182704	4	17.259	602592	20.0
Dibenzothiophen...	17.840	3.1	ng/ul	92544	4	17.259	602592	20.0
Phenanthrene, 1...	18.140	14.5	ng/ul	435652	4	17.259	602592	20.0
Phenanthrene, 2...	18.187	20.2	ng/ul	608380	4	17.259	602592	20.0
1H-Cyclopropa[1...	18.269	5.9	ng/ul	178147	4	17.259	602592	20.0
4H-Cyclopenta[d...	18.334	24.6	ng/ul	740098	4	17.259	602592	20.0
Propyne, 1,3-di...	18.369	7.6	ng/ul	227818	4	17.259	602592	20.0
5,16[1',2']:8,1...	18.639	10.4	ng/ul	314694	4	17.259	602592	20.0
9,10-Anthracene...	18.686	9.3	ng/ul	280379	4	17.259	602592	20.0
Phenanthrene, 4...	18.880	3.7	ng/ul	111863	4	17.259	602592	20.0
di-p-Tolylacety...	18.933	3.3	ng/ul	99374	4	17.259	602592	20.0
9,10-Dimethylan...	18.974	2.8	ng/ul	84673	4	17.259	602592	20.0
Phenanthrene, 2...	19.056	11.2	ng/ul	336201	4	17.259	602592	20.0
Unknown-01	19.121	5.9	ng/ul	178593	4	17.259	602592	20.0
1,1,4a-Trimethy...	19.203	9.5	ng/ul	285653	4	17.259	602592	20.0
1H-Pyrrolo[3,4-...	19.380	2.5	ng/ul	76482	4	17.259	602592	20.0
11H-Benzo[b]flu...	20.179	4.2	ng/ul	739303	5	21.518	3502010	20.0
Fluoranthene, 2...	20.279	2.6	ng/ul	462406	5	21.518	3502010	20.0
Pyrene, 2-methyl-	20.337	2.8	ng/ul	481801	5	21.518	3502010	20.0
Anthra(2,3-b)th...	21.107	2.6	ng/ul	456607	5	21.518	3502010	20.0
Benzene, [4-(3-...	21.195	3.6	ng/ul	636503	5	21.518	3502010	20.0
Benzo[e]pyrene	23.880	8.0	ng/ul	321768	6	24.609	803099	20.0
Benzo[j]fluoran...	24.333	29.5	ng/ul	1182990	6	24.609	803099	20.0
1,1'-Binaphthal...	24.685	14.8	ng/ul	593236	6	24.609	803099	20.0