

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
 Data File : BG057314.D
 Acq On : 5 May 2023 11:32
 Operator : CG/JU
 Sample : 02479-05 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW946

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

Signal : TIC: BG057314.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.373	816	823	830	rBB	60900	99141	2.14%	0.218%
2	11.210	1297	1306	1311	rBV	93457	164311	3.54%	0.362%
3	11.257	1311	1314	1321	rVB	24490	40182	0.87%	0.088%
4	12.838	1577	1583	1591	rVB	23061	35727	0.77%	0.079%
5	14.306	1827	1833	1838	rBV2	23213	40074	0.86%	0.088%
6	14.712	1899	1902	1915	rVV3	17399	41119	0.89%	0.091%
7	14.988	1943	1949	1954	rVV	169714	270611	5.84%	0.596%
8	15.052	1954	1960	1966	rVV	106105	170008	3.67%	0.374%
9	15.375	2008	2015	2022	rVV	85682	140228	3.03%	0.309%
10	16.027	2120	2126	2134	rVB	166774	264419	5.70%	0.582%
11	16.309	2170	2174	2183	rVB	45332	73280	1.58%	0.161%
12	16.456	2194	2199	2208	rVV	46597	99026	2.14%	0.218%
13	17.020	2291	2295	2300	rVV2	42235	73617	1.59%	0.162%
14	17.073	2300	2304	2309	rVV3	23001	36829	0.79%	0.081%
15	17.243	2325	2333	2337	rVV3	26813	52942	1.14%	0.117%
16	17.285	2337	2340	2349	rVV2	27298	57007	1.23%	0.126%
17	17.379	2349	2356	2361	rVV	109901	174839	3.77%	0.385%
18	17.443	2361	2367	2368	rVV	29183	40989	0.88%	0.090%
19	17.473	2369	2372	2378	rVV	45678	72961	1.57%	0.161%
20	17.543	2378	2384	2394	rVB	95868	151062	3.26%	0.333%
21	17.725	2409	2415	2418	rBV	202252	324604	7.00%	0.715%
22	17.778	2418	2424	2429	rVV	1863347	2856117	61.62%	6.290%
23	17.860	2433	2438	2444	rVV	364866	561731	12.12%	1.237%
24	17.913	2444	2447	2456	rVB	33498	56661	1.22%	0.125%
25	18.125	2473	2483	2497	rBV2	172283	365575	7.89%	0.805%
26	18.230	2497	2501	2506	rBV	39629	61374	1.32%	0.135%
27	18.307	2509	2514	2518	rBV	45698	65268	1.41%	0.144%
28	18.436	2533	2536	2544	rVB	23406	49712	1.07%	0.109%
29	18.518	2544	2550	2554	rBV2	22177	36440	0.79%	0.080%
30	18.595	2554	2563	2567	rBV	246881	378813	8.17%	0.834%
31	18.642	2567	2571	2577	rVB	337138	491098	10.60%	1.082%
32	18.724	2577	2585	2589	rBV	101529	165429	3.57%	0.364%
33	18.794	2589	2597	2600	rBV3	359654	695693	15.01%	1.532%
34	18.929	2616	2620	2624	rVV2	35262	46515	1.00%	0.102%
35	18.982	2624	2629	2633	rVV5	21057	46274	1.00%	0.102%
36	19.076	2640	2645	2650	rBV	186531	271253	5.85%	0.597%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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37	19.129	2650	2654	2661	rVB	174697	262108	5.65%	0.577%
38	19.317	2678	2686	2690	rBV4	55479	98745	2.13%	0.217%
39	19.370	2690	2695	2698	rBV	48738	59677	1.29%	0.131%
40	19.405	2698	2701	2706	rVB	46361	60328	1.30%	0.133%
41	19.487	2709	2715	2719	rBV	111801	190817	4.12%	0.420%
42	19.558	2720	2727	2730	rBV6	34140	74963	1.62%	0.165%
43	19.646	2736	2742	2748	rBV2	160004	273414	5.90%	0.602%
44	19.775	2754	2764	2768	rBV	2902956	4635179	100.00%	10.208%
45	19.811	2768	2770	2773	rVV	40344	39113	0.84%	0.086%
46	19.852	2773	2777	2782	rVB3	71429	111933	2.41%	0.247%
47	19.910	2782	2787	2790	rBV	31523	56261	1.21%	0.124%
48	19.952	2790	2794	2797	rVV4	40291	57379	1.24%	0.126%
49	20.004	2797	2803	2812	rVB2	99538	218835	4.72%	0.482%
50	20.093	2812	2818	2820	rBV2	468078	843752	18.20%	1.858%
51	20.134	2820	2825	2830	rVV	2344938	3566454	76.94%	7.854%
52	20.181	2830	2833	2839	rVB	145606	199030	4.29%	0.438%
53	20.292	2841	2852	2856	rBV	182293	295948	6.38%	0.652%
54	20.363	2856	2864	2868	rVB	136847	230962	4.98%	0.509%
55	20.433	2868	2876	2882	rBV3	238016	539601	11.64%	1.188%
56	20.492	2882	2886	2892	rVB	52939	72958	1.57%	0.161%
57	20.568	2892	2899	2900	rBV3	142811	248233	5.36%	0.547%
58	20.604	2901	2905	2910	rVB	398787	590095	12.73%	1.300%
59	20.703	2916	2922	2925	rBV	246428	376621	8.13%	0.829%
60	20.762	2925	2932	2935	rVV2	247023	479044	10.33%	1.055%
61	20.797	2935	2938	2941	rVV	112994	150942	3.26%	0.332%
62	20.833	2941	2944	2950	rVB2	62606	100498	2.17%	0.221%
63	20.903	2952	2956	2961	rBV	133804	219405	4.73%	0.483%
64	20.950	2961	2964	2971	rVB	135180	215113	4.64%	0.474%
65	21.038	2975	2979	2982	rBV5	44638	70821	1.53%	0.156%
66	21.209	3005	3008	3012	rBV4	31435	56333	1.22%	0.124%
67	21.344	3027	3031	3035	rBV4	36355	68439	1.48%	0.151%
68	21.397	3035	3040	3046	rVB	322764	506175	10.92%	1.115%
69	21.591	3064	3073	3077	rBV3	315142	665002	14.35%	1.465%
70	21.638	3077	3081	3086	rVB	211159	325550	7.02%	0.717%
71	21.696	3086	3091	3095	rBV2	247696	433586	9.35%	0.955%
72	21.755	3095	3101	3113	rVB2	317548	630638	13.61%	1.389%
73	21.867	3114	3120	3122	rBV	88596	156723	3.38%	0.345%
74	22.031	3136	3148	3154	rBV3	1390756	3202204	69.08%	7.052%
75	22.102	3155	3160	3171	rVB	1224875	2356203	50.83%	5.189%
76	22.260	3182	3187	3194	rBV	176736	332597	7.18%	0.732%

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77	22.337	3195	3200	3204	rBV2	81368	163191	3.52%	0.359%
78	22.483	3218	3225	3231	rBV2	197060	400497	8.64%	0.882%
79	22.548	3231	3236	3241	rBV4	45270	88668	1.91%	0.195%
80	22.736	3263	3268	3273	rBV3	73081	152244	3.28%	0.335%
81	22.830	3274	3284	3290	rVV	202251	528522	11.40%	1.164%
82	22.906	3292	3297	3304	rVB	116448	237428	5.12%	0.523%
83	23.000	3309	3313	3318	rVB2	49478	82463	1.78%	0.182%
84	23.130	3329	3335	3340	rBV2	103283	246114	5.31%	0.542%
85	23.271	3353	3359	3368	rVB3	91669	198233	4.28%	0.437%
86	23.564	3405	3409	3417	rBV5	50971	120906	2.61%	0.266%
87	24.028	3479	3488	3497	rBV4	85925	296417	6.39%	0.653%
88	24.469	3549	3563	3569	rBV	829161	3117136	67.25%	6.865%
89	24.727	3599	3607	3616	rBV	144001	378694	8.17%	0.834%
90	24.945	3637	3644	3650	rBV2	54214	175404	3.78%	0.386%
91	25.250	3685	3696	3712	rVB	461879	1523717	32.87%	3.356%
92	25.421	3713	3725	3736	rVB	614605	1900440	41.00%	4.185%
93	25.567	3743	3750	3757	rBV	99201	304227	6.56%	0.670%
94	25.656	3759	3765	3779	rVB2	206257	697095	15.04%	1.535%
95	27.083	4001	4008	4021	rBV3	36454	121602	2.62%	0.268%
96	28.693	4273	4282	4294	rVB6	48544	175664	3.79%	0.387%
97	29.674	4431	4449	4469	rVB2	290845	1606911	34.67%	3.539%
98	30.338	4548	4562	4574	rBV2	55359	280840	6.06%	0.618%
99	30.943	4651	4665	4682	rVB3	164999	803632	17.34%	1.770%
100	31.612	4768	4779	4789	rBV4	37050	164809	3.56%	0.363%

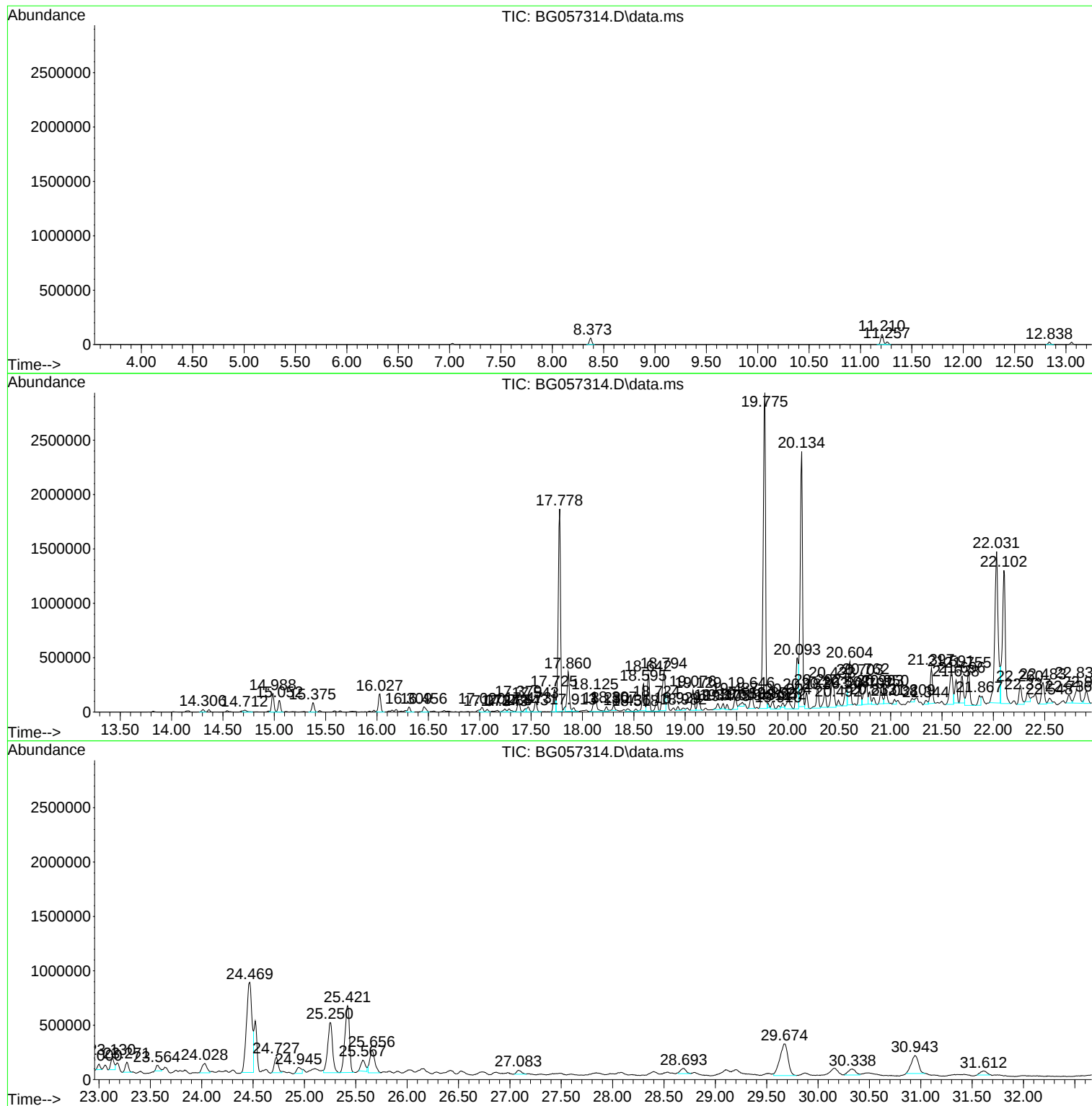
Sum of corrected areas: 45407462

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

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



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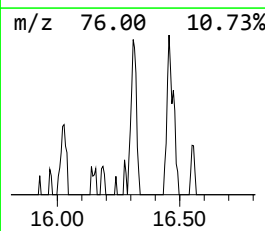
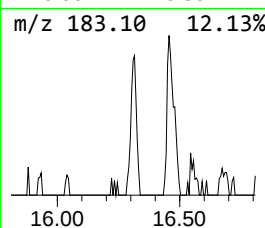
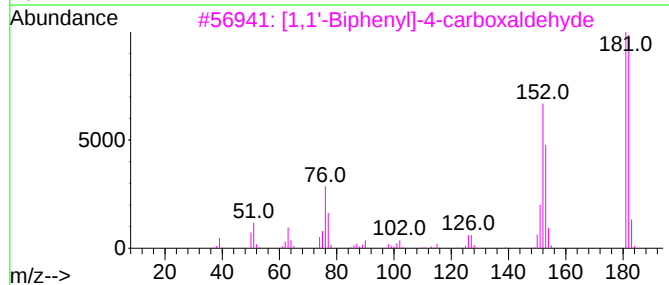
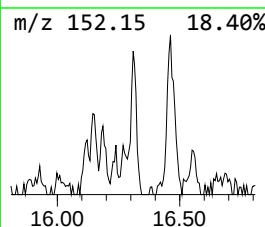
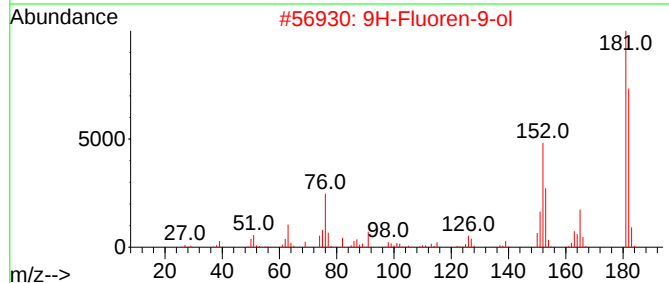
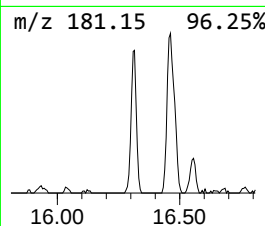
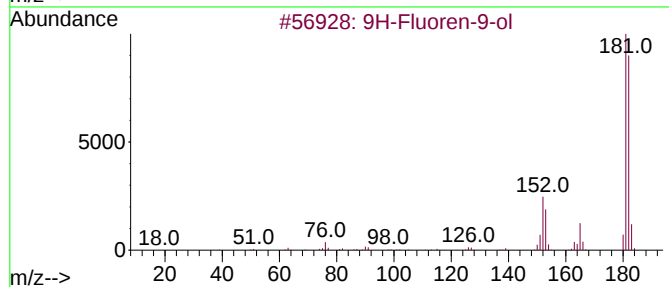
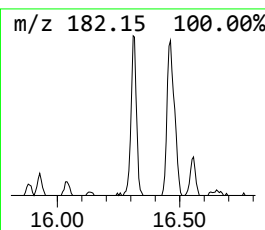
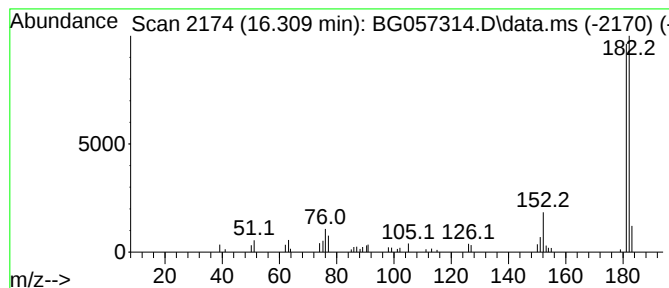
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9H-Fluoren-9-ol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.309	5.42 ng/ul	73280	Acenaphthene-d10	14.988

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	70
5			Norharmene, N-methyl-	182	C12H10N2	1010374-78-6	64



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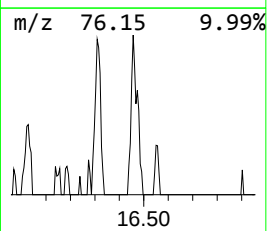
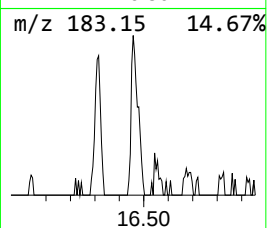
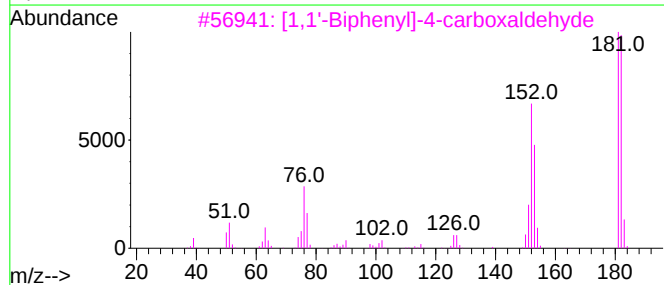
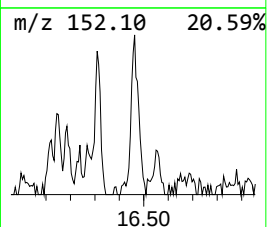
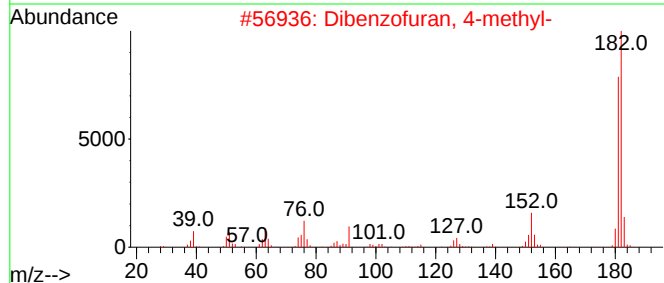
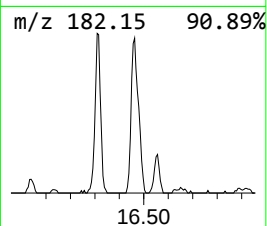
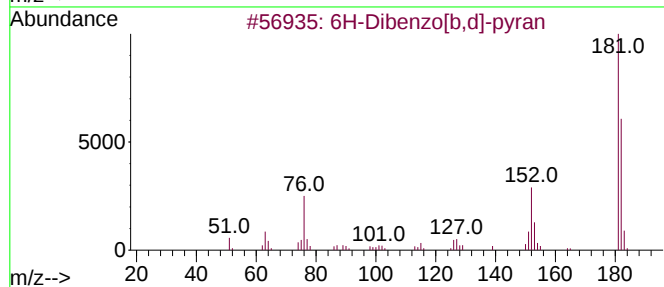
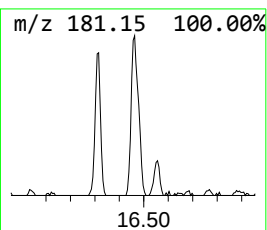
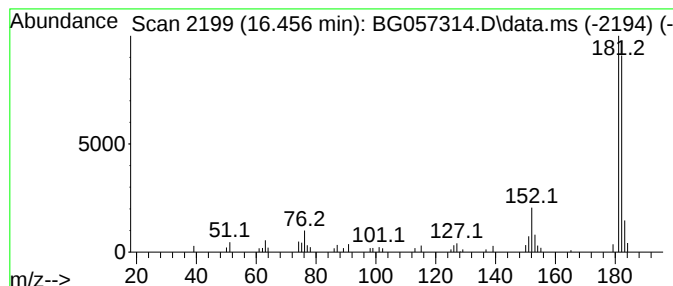
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 6H-Dibenzo[b,d]-pyran Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.456	6.10 ng/ul	99026	Phenanthrene-d10	17.725

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72



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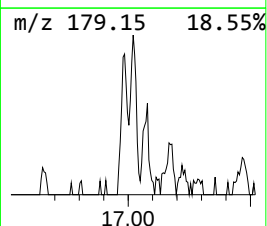
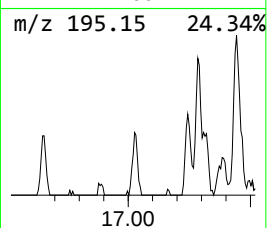
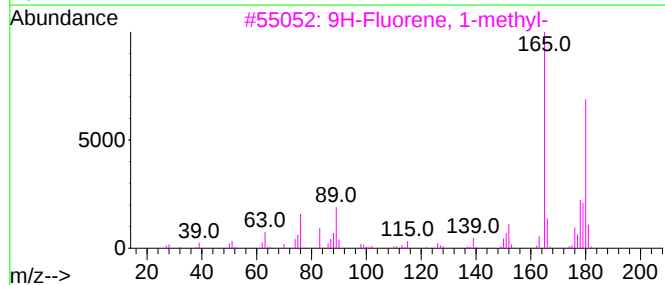
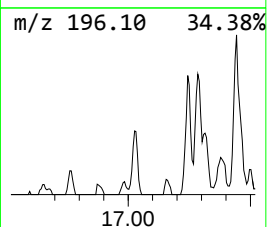
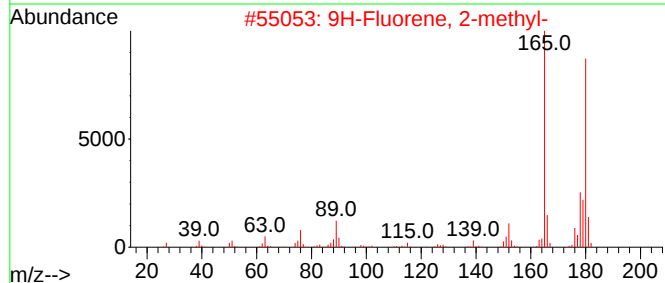
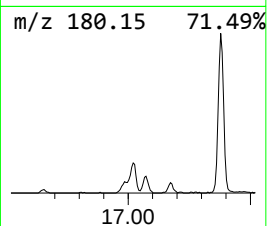
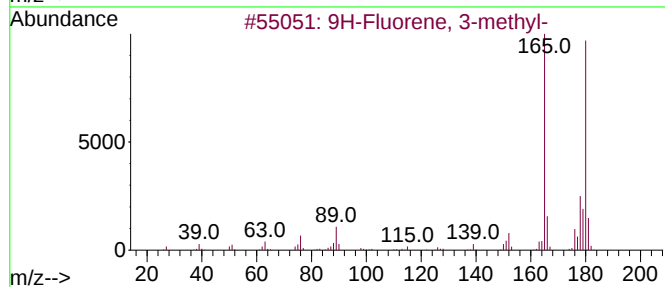
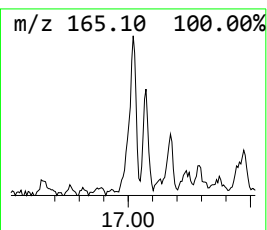
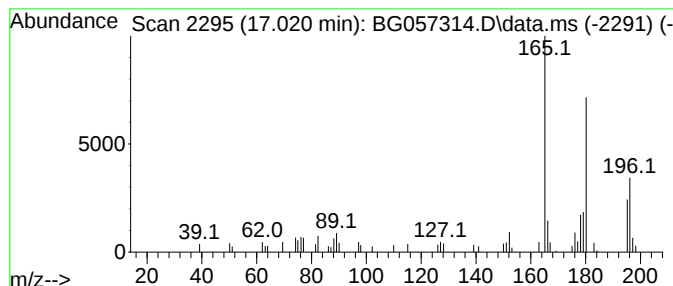
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 9H-Fluorene, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.020	4.54 ng/ul	73617	Phenanthrene-d10	17.725

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-			180	C14H12	002523-39-9	93
2	9H-Fluorene, 2-methyl-			180	C14H12	001430-97-3	92
3	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	70
4	9H-Fluorene, 9-methyl-			180	C14H12	002523-37-7	70
5	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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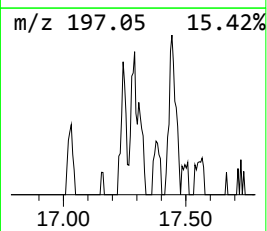
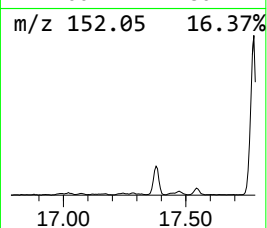
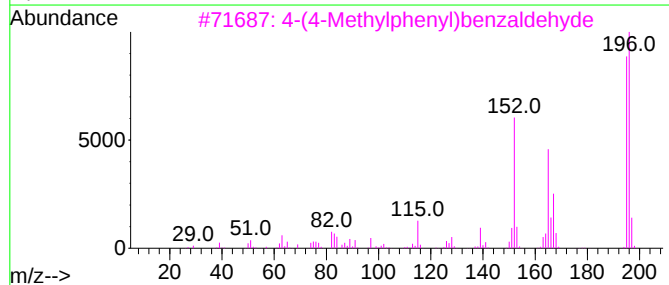
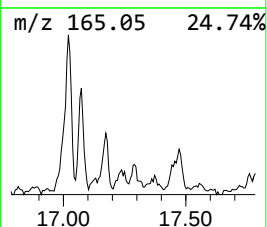
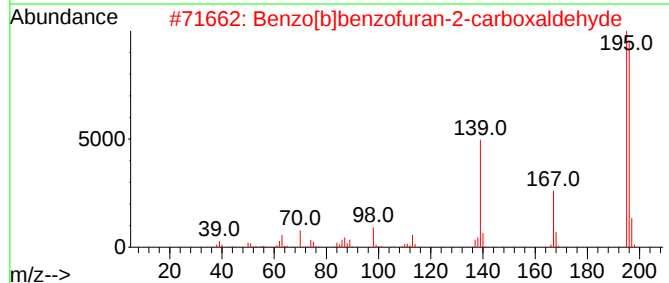
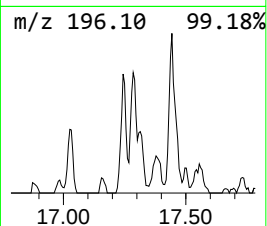
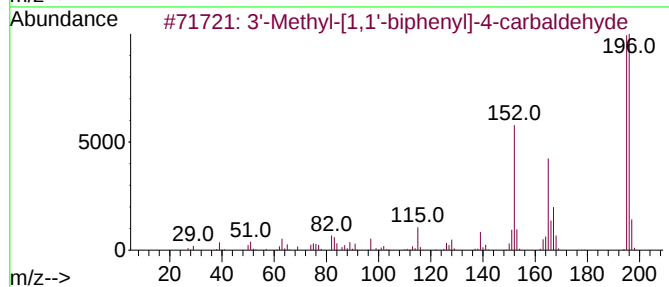
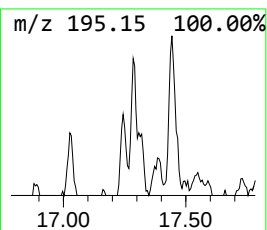
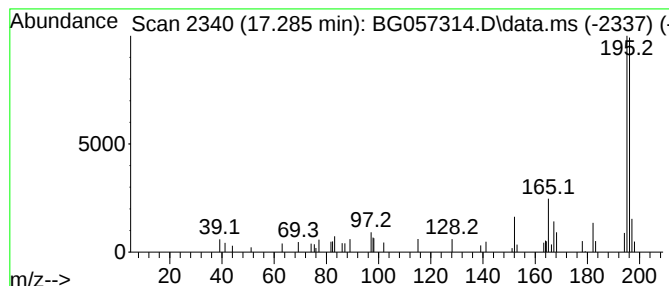
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.285	3.51 ng/ul	57007	Phenanthrene-d10	17.725

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	80
2			Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	68
3			4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	64
4			Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	60
5			3-{Pyrrazolo[1,5-a]pyrimidin-7-yl...	196	C11H8N4	078561-97-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
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Operator : CG/JU
Sample : 02479-05 10X
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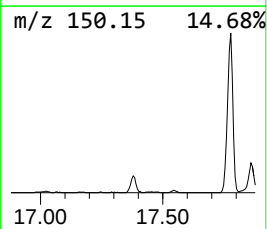
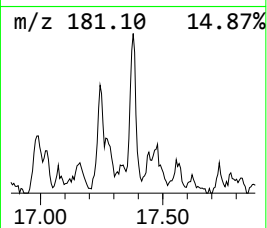
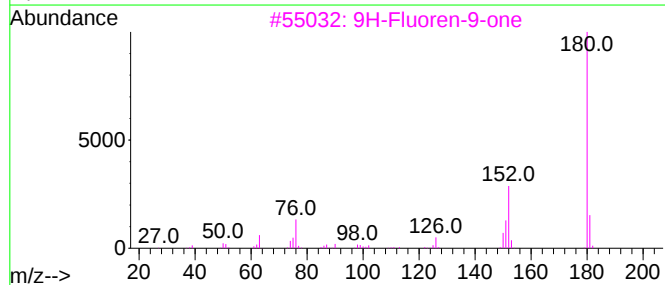
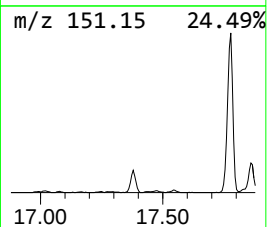
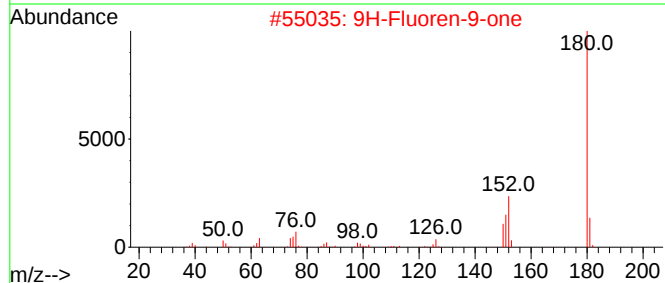
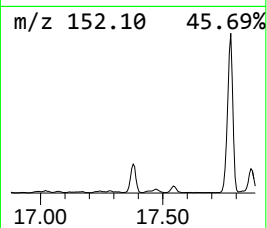
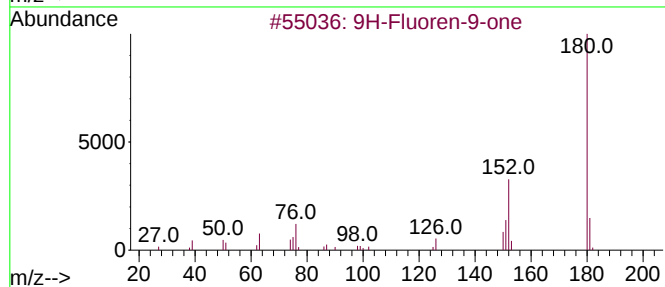
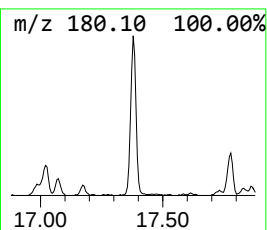
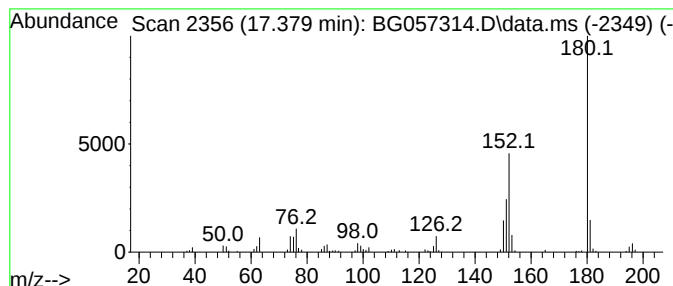
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.379	10.77 ng/ul	174839	Phenanthrene-d10		17.725	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one		180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one		180	C13H8O	000486-25-9	96
3	9H-Fluoren-9-one		180	C13H8O	000486-25-9	96
4	9H-Fluoren-9-one		180	C13H8O	000486-25-9	95
5	9H-Fluoren-9-one		180	C13H8O	000486-25-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
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Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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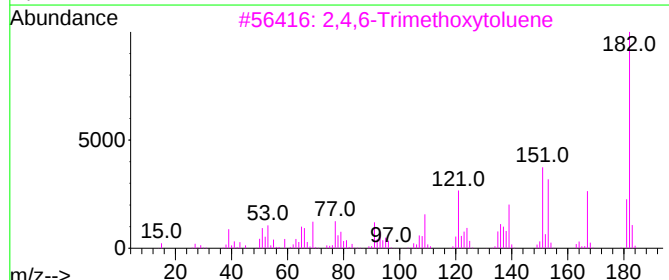
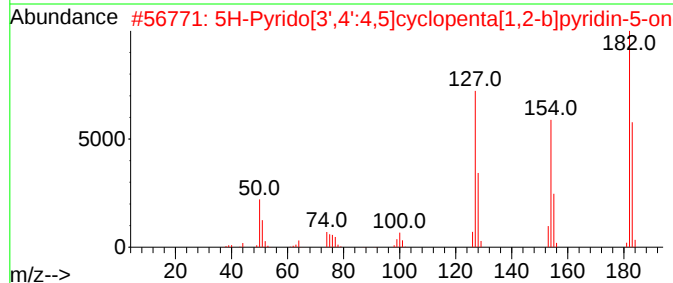
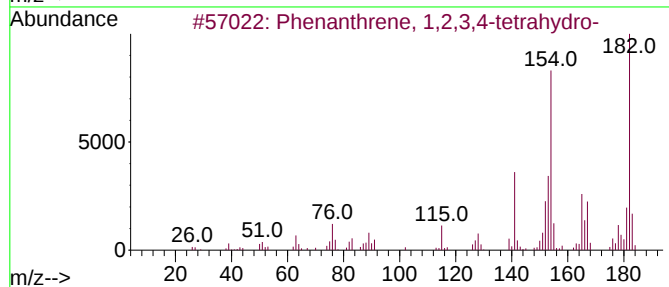
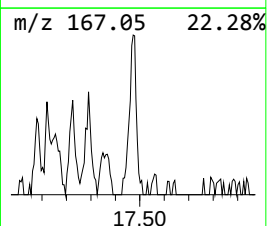
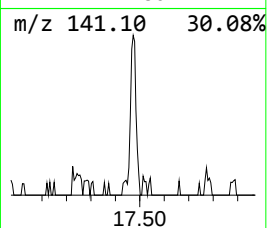
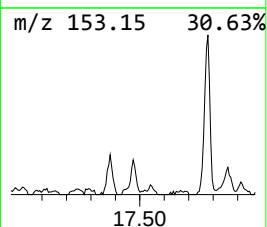
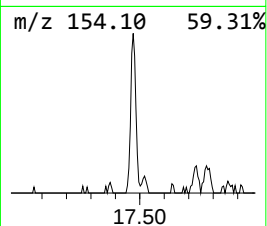
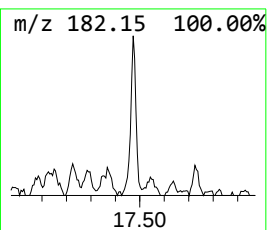
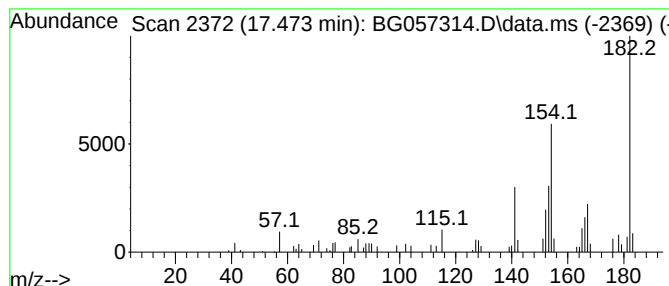
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Phenanthrene, 1,2,3,4-tetra... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.473	4.50 ng/ul	72961	Phenanthrene-d10	17.725

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	64
2			5H-Pyrido[3',4':4,5]cyclopenta[1,2-b]pyridin-5-one	182	C11H6N2O	052166-79-7	43
3			2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	43
4			Benzoic acid, 3,4-dimethoxy-	182	C9H10O4	000093-07-2	38
5			9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
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ALS Vial : 4 Sample Multiplier: 1

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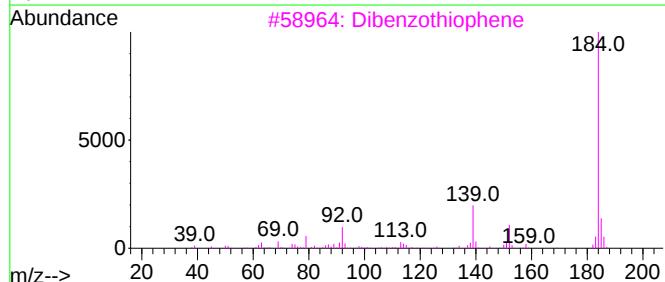
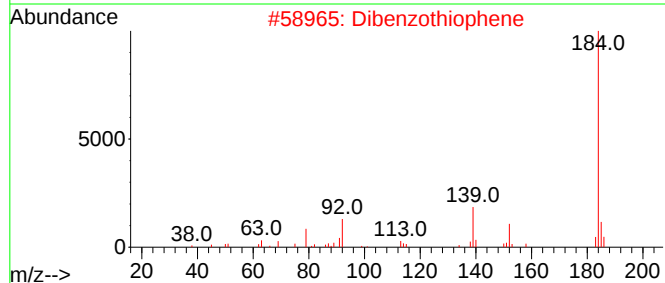
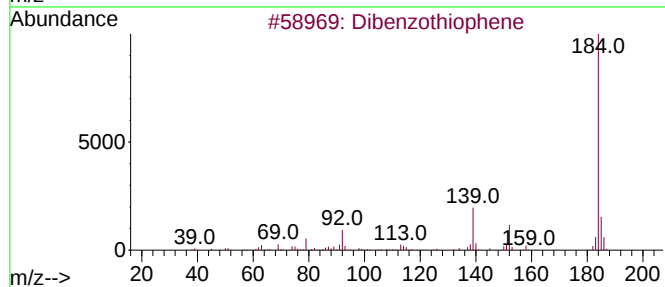
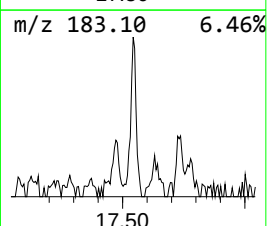
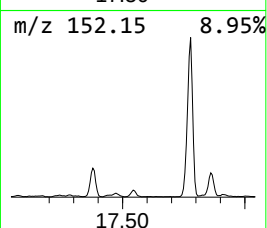
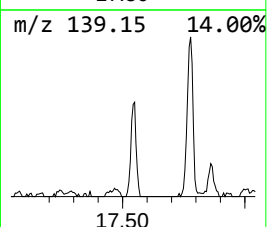
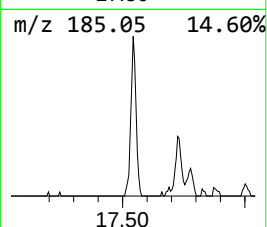
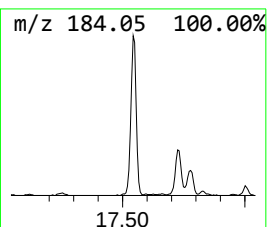
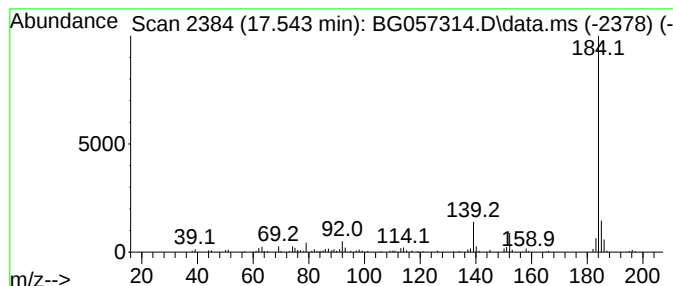
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.543	9.31 ng/ul	151062	Phenanthrene-d10	17.725

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
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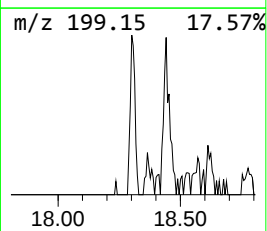
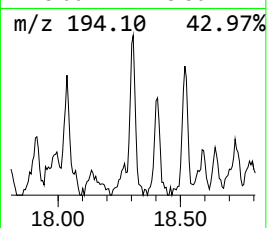
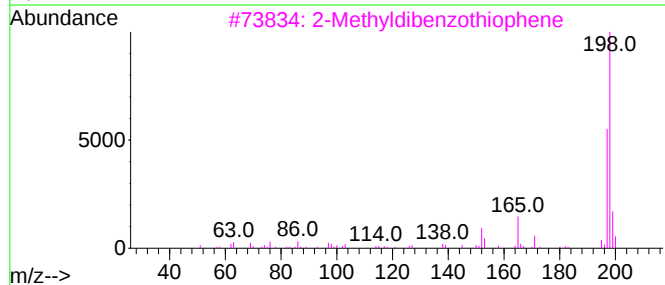
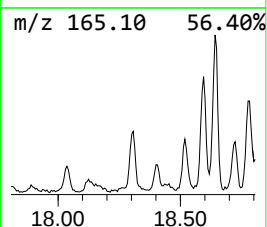
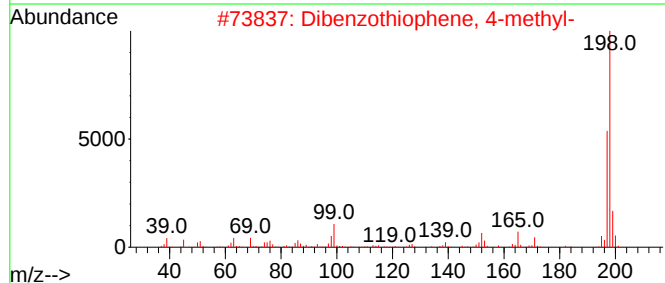
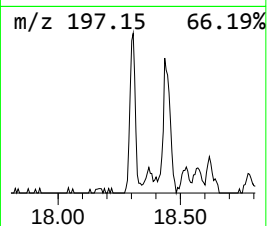
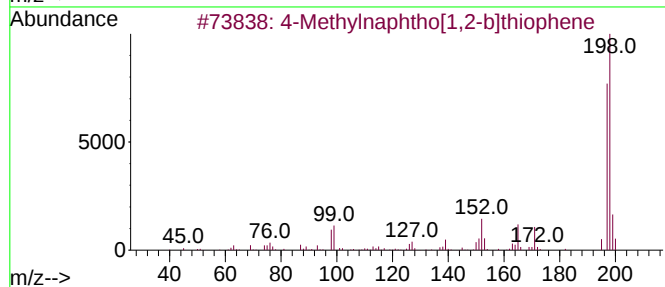
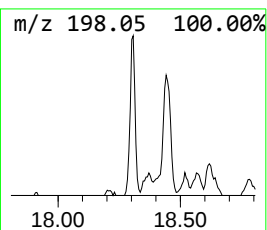
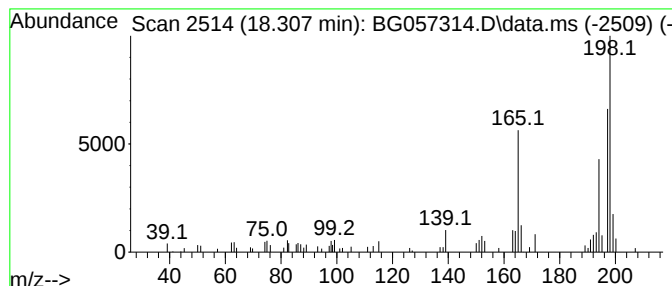
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.307	4.02 ng/ul	65268	Phenanthrene-d10			17.725
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene		198	C13H10S	067388-11-8	70
2	Dibenzothiophene, 4-methyl-		198	C13H10S	007372-88-5	49
3	2-Methyldibenzothiophene		198	C13H10S	1000383-55-1	49
4	Thioxanthene		198	C13H10S	000261-31-4	49
5	Dibenzothiophene, 3-methyl-		198	C13H10S	016587-52-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
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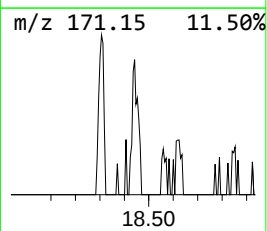
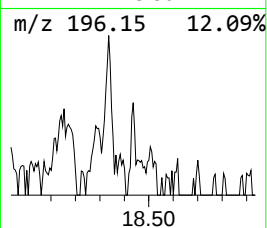
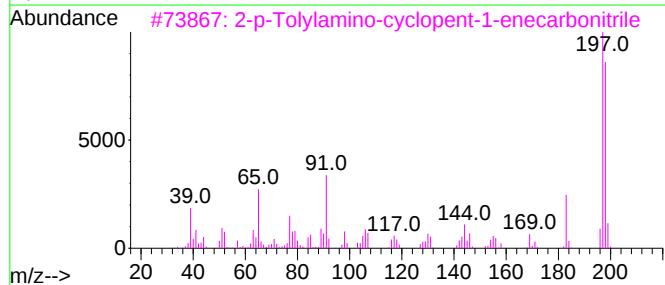
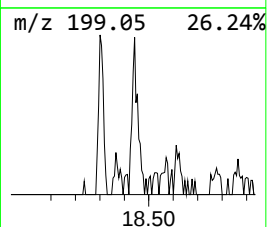
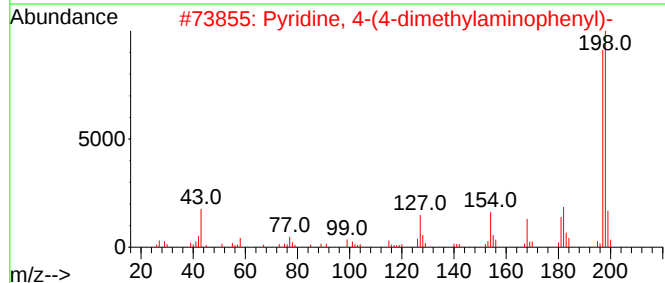
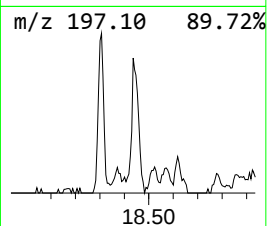
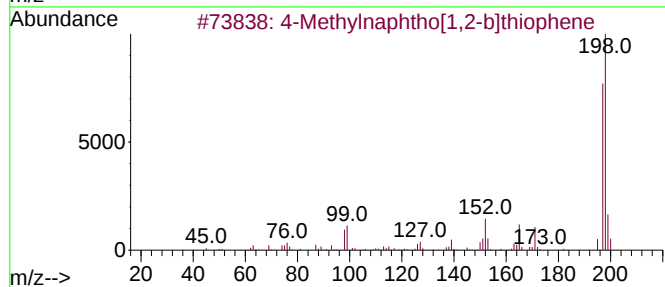
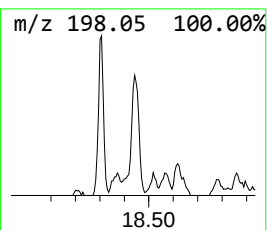
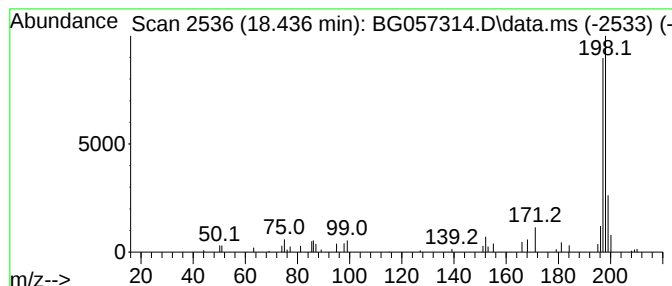
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Pyridine, 4-(4-dimethylamin... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.436	3.06 ng/ul	49712	Phenanthrene-d10	17.725

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	80
2			Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	72
3			2-p-Tolylamino-cyclopent-1-eneca...	198	C13H14N2	1010300-56-0	72
4			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64
5			Methanone, (2-hydroxyphenyl)phenyl-	198	C13H10O2	000117-99-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
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ClientSampleId :
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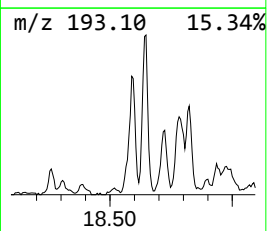
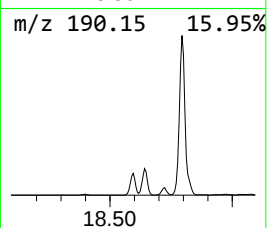
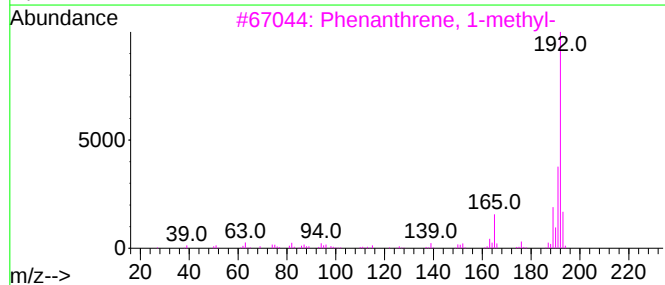
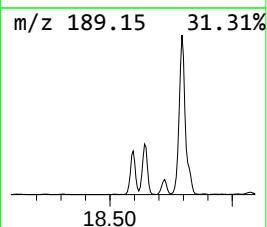
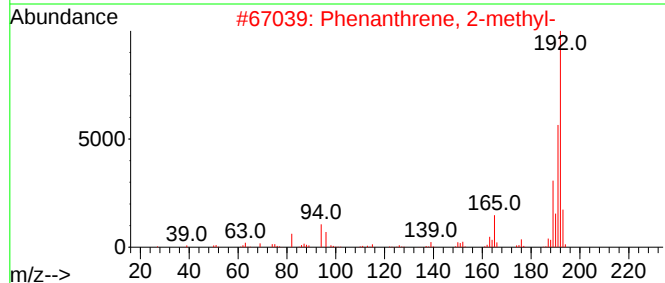
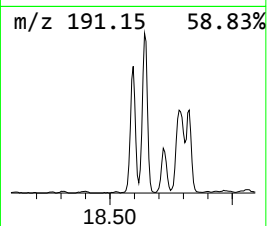
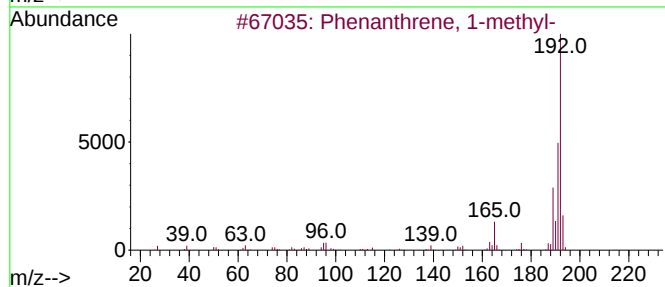
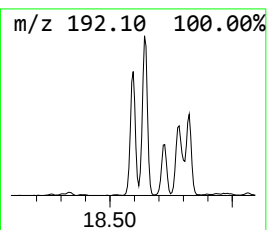
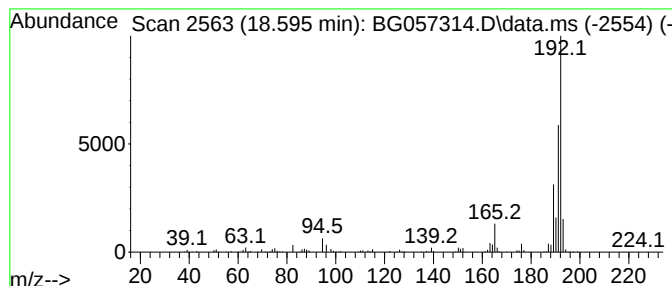
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.595	23.34 ng/ul	378813	Phenanthrene-d10	17.725

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	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW946

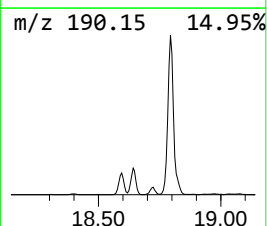
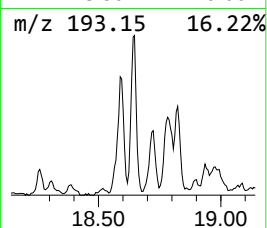
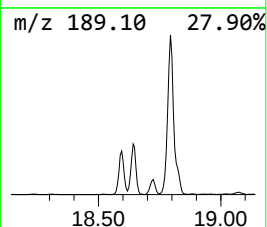
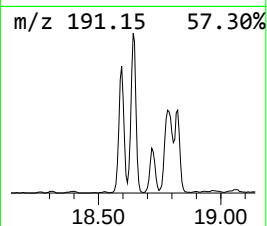
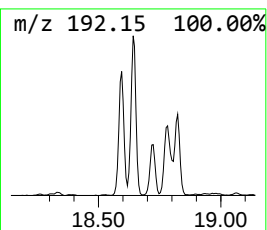
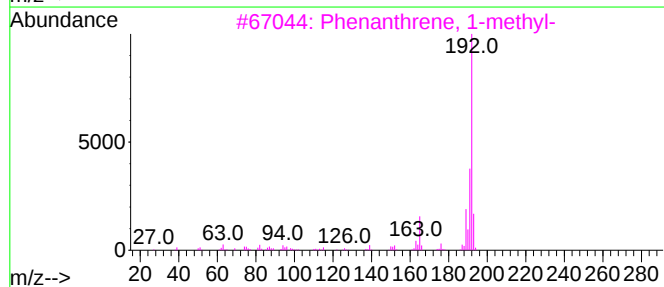
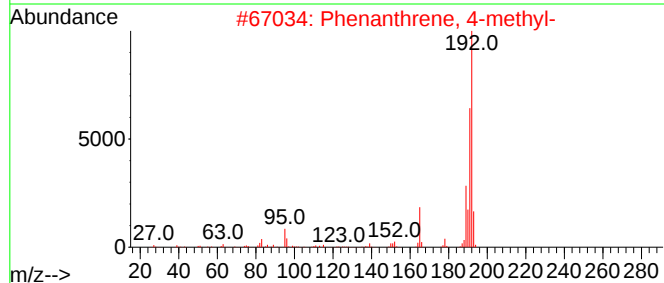
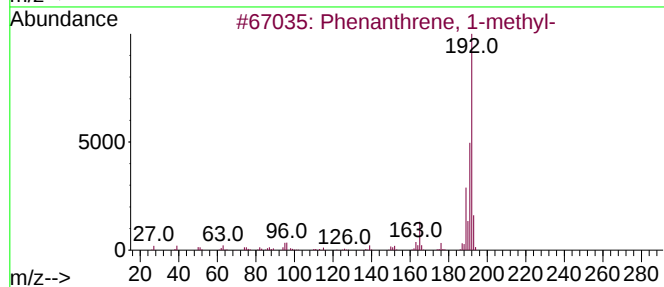
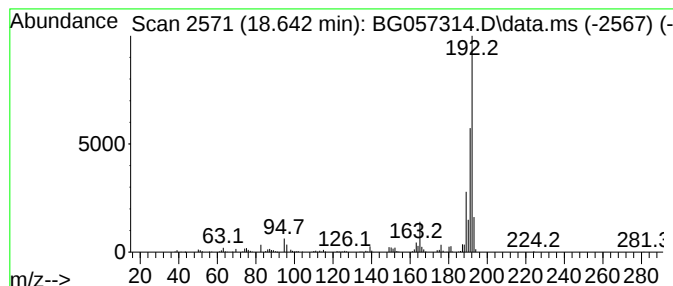
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.642	30.26 ng/ul	491098	Phenanthrene-d10	17.725

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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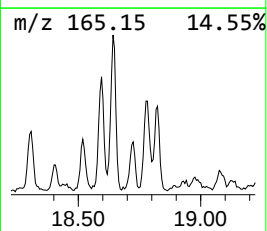
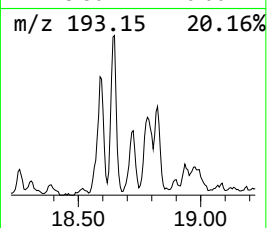
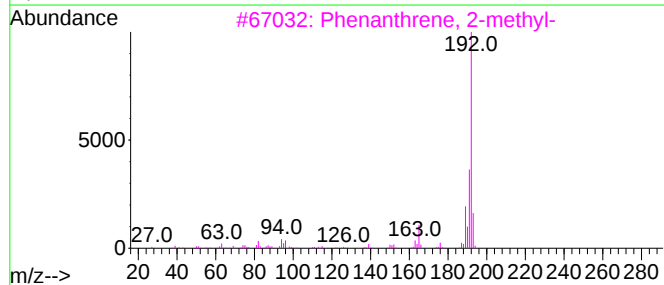
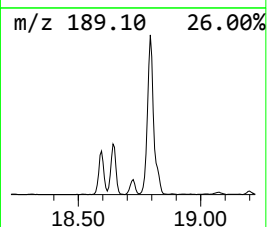
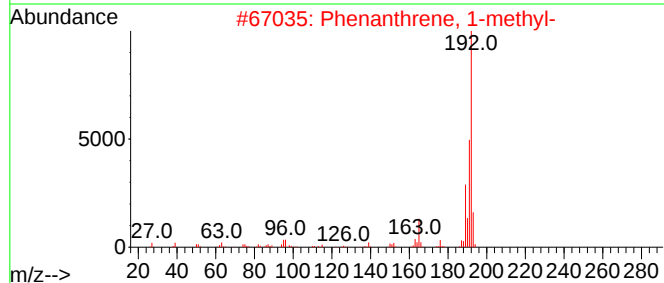
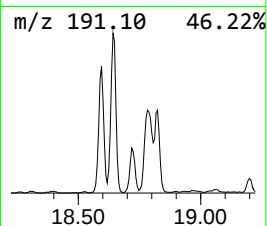
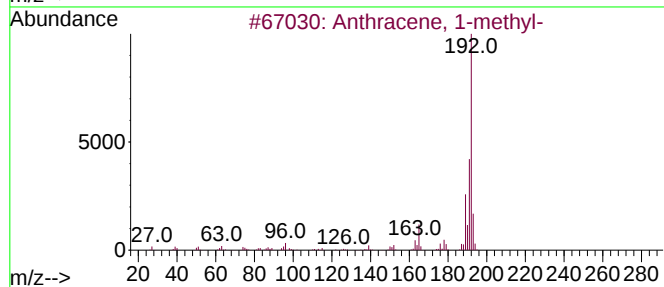
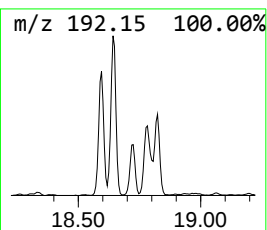
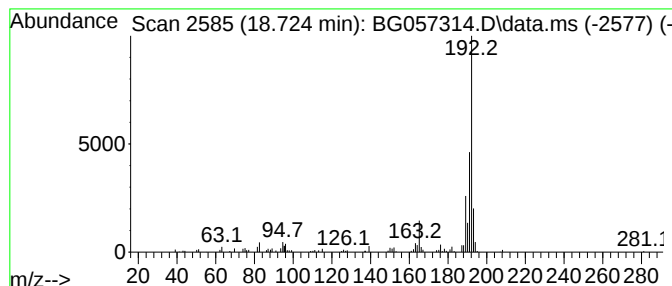
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.724	10.19 ng/ul	165429	Phenanthrene-d10	17.725

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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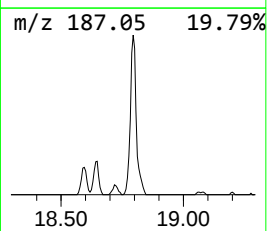
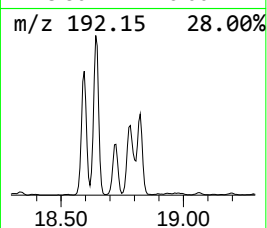
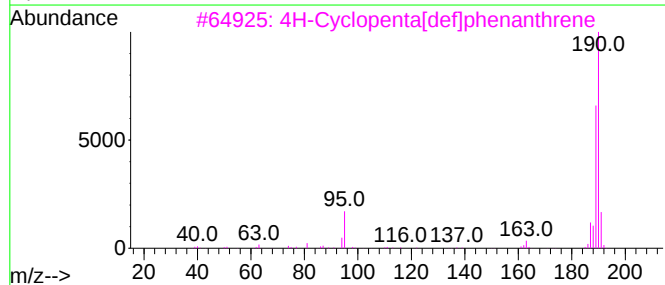
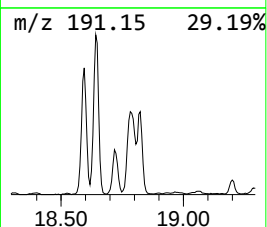
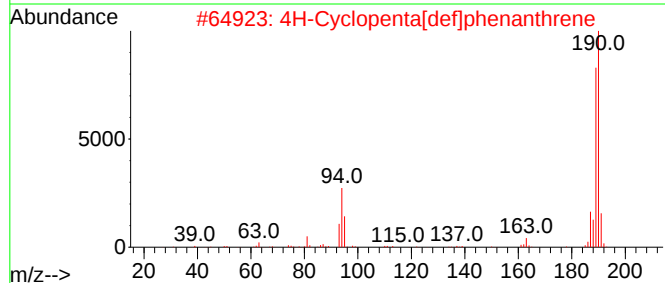
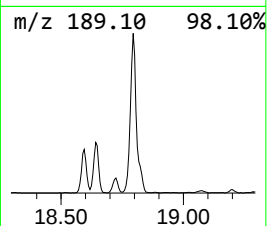
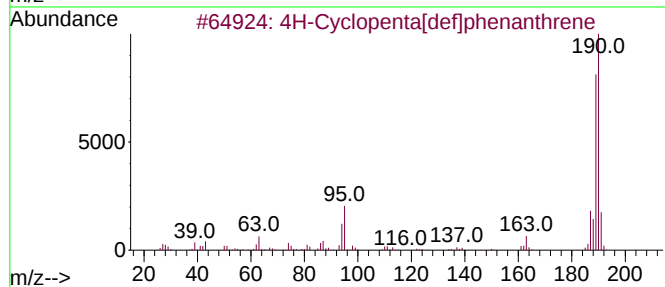
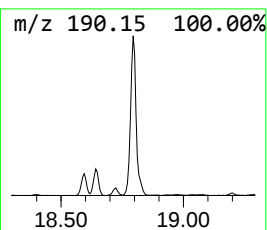
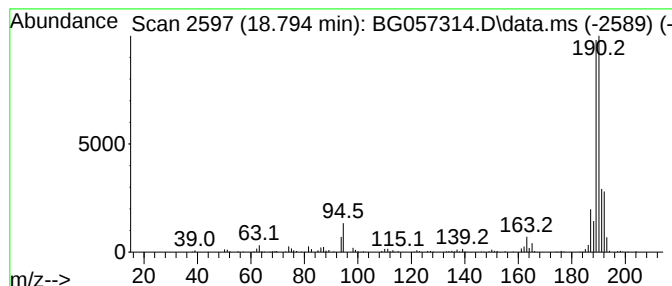
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.794	42.86 ng/ul	695693	Phenanthrene-d10	17.725

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5			Methyl diselenide	190	C2H6Se2	007101-31-7	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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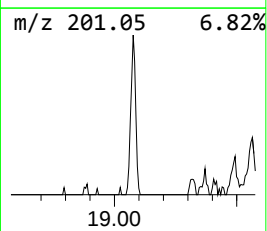
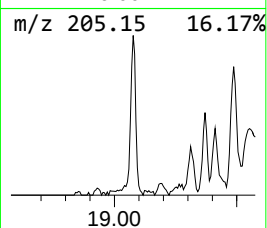
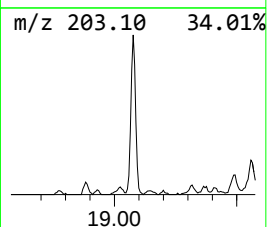
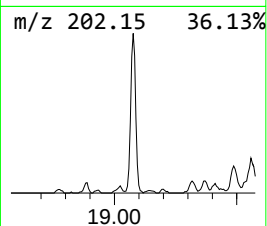
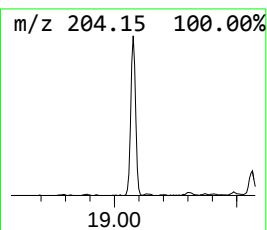
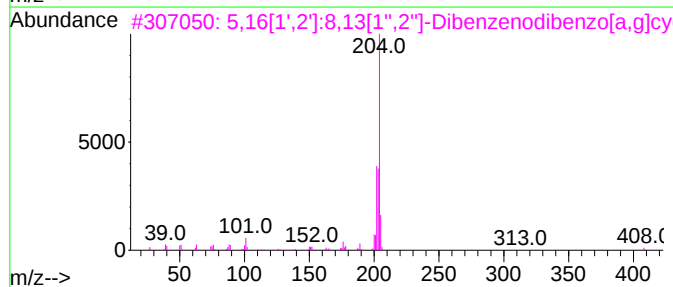
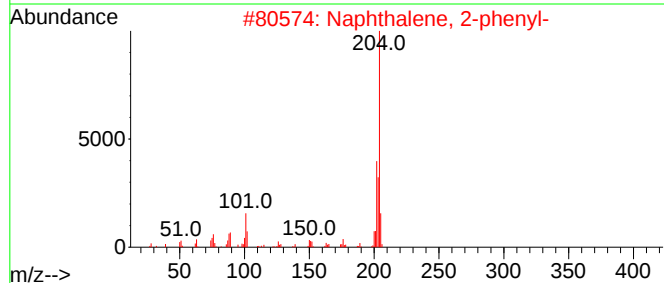
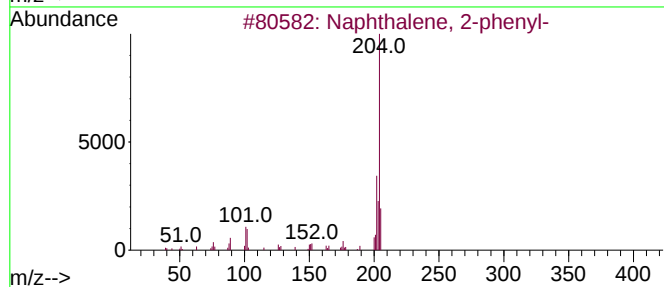
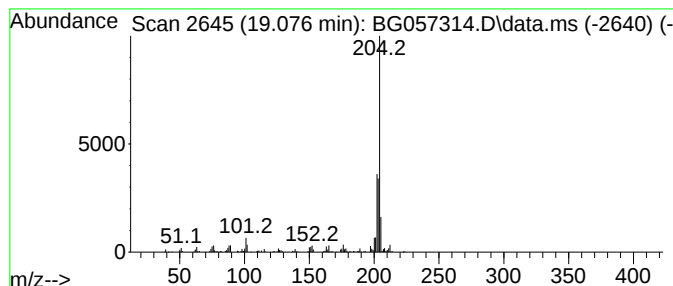
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.076	16.71 ng/ul	271253	Phenanthrene-d10	17.725

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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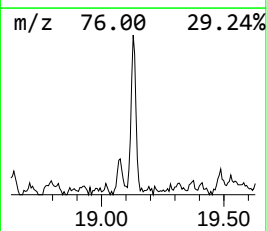
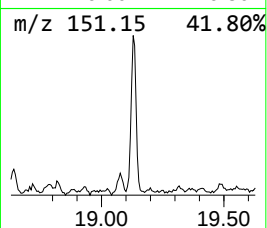
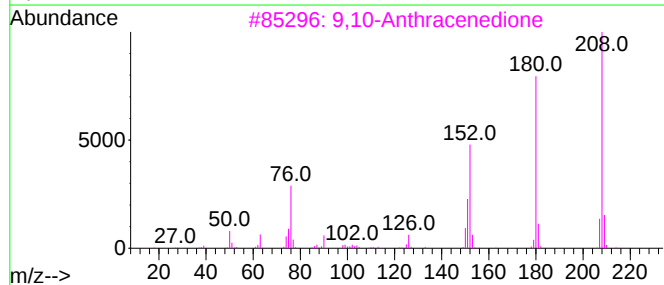
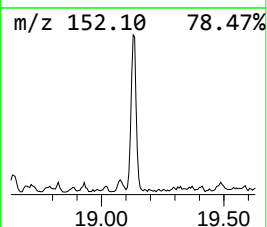
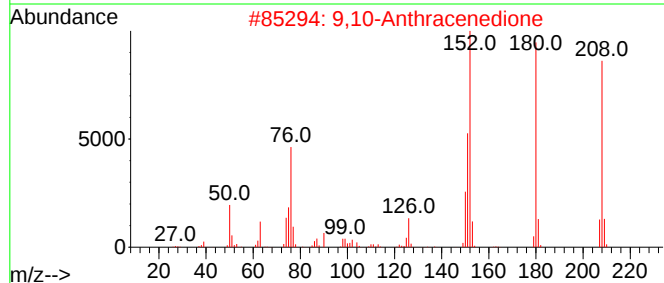
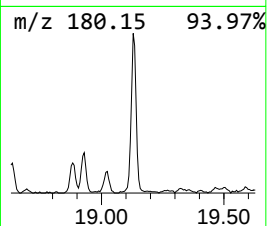
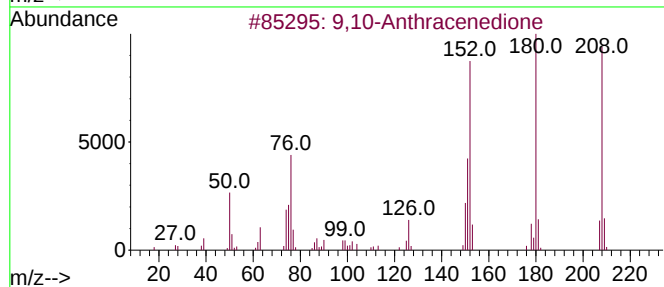
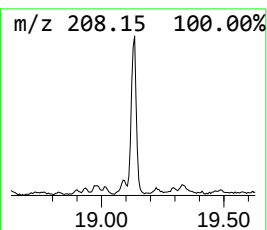
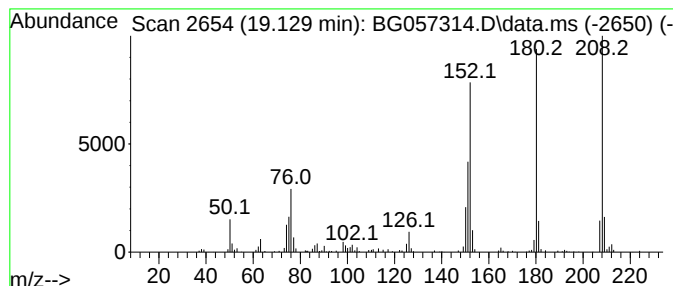
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.129	16.15 ng/ul	262108	Phenanthrene-d10	17.725

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	93
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
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Acq On : 5 May 2023 11:32
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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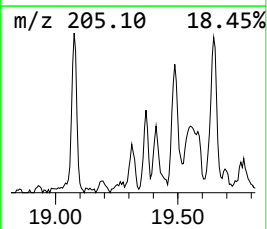
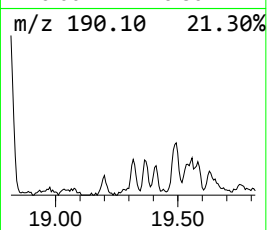
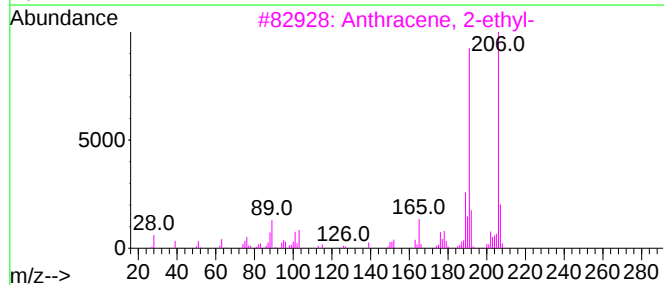
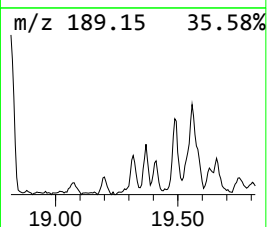
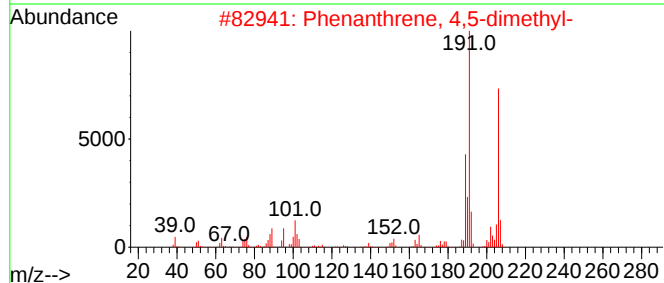
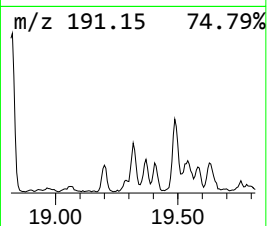
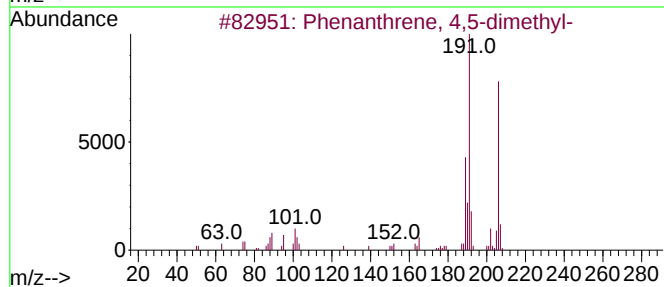
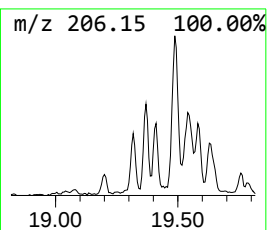
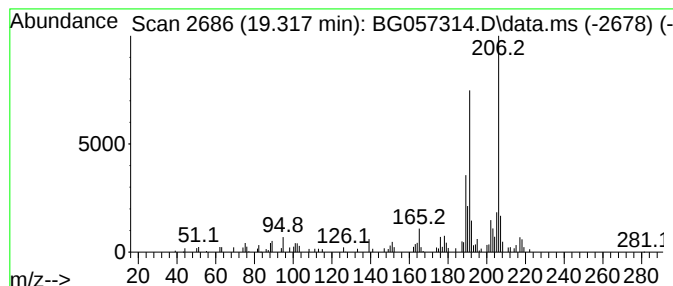
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Phenanthrene, 4,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.317	6.08 ng/ul	98745	Phenanthrene-d10	17.725

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
3			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
4			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	93
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW946

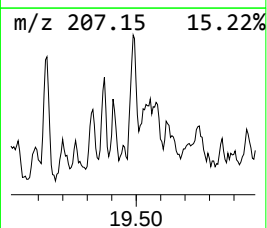
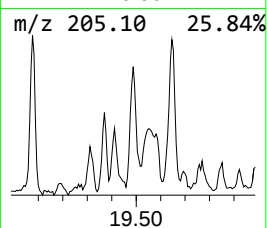
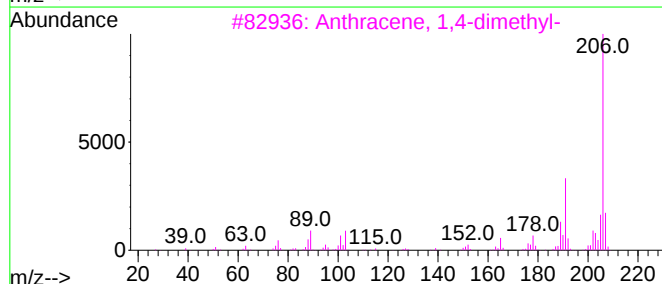
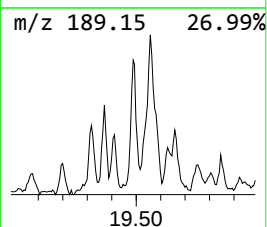
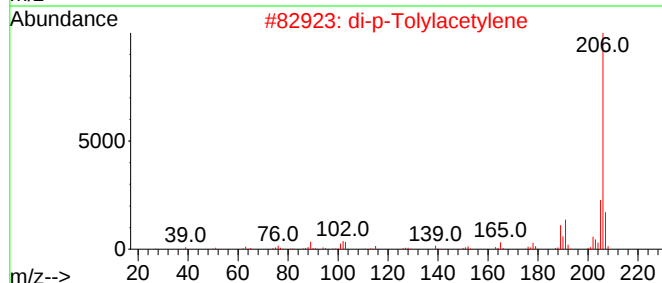
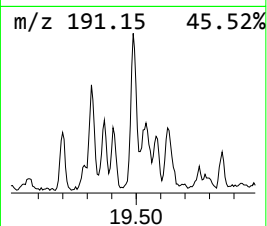
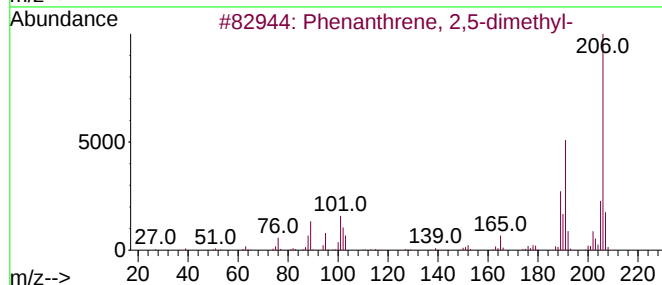
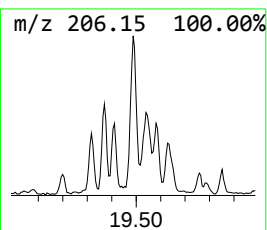
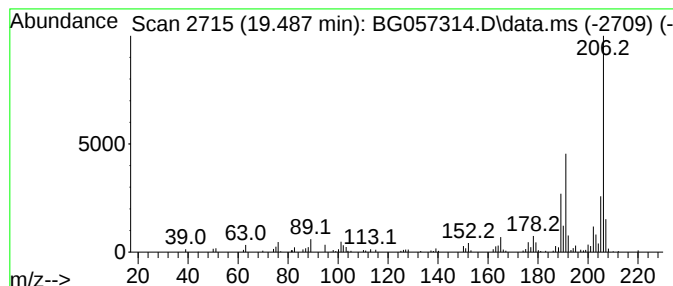
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.488	11.76 ng/ul	190817	Phenanthrene-d10	17.725

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

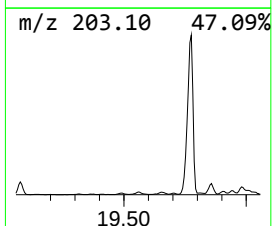
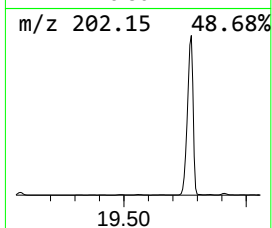
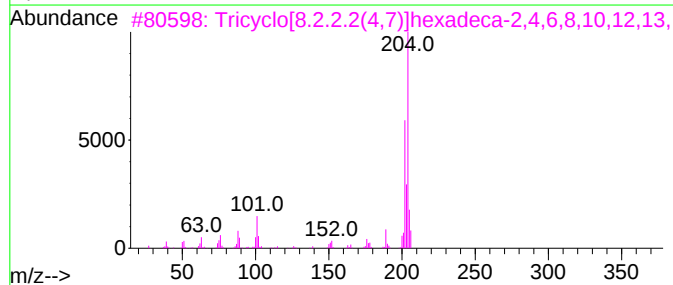
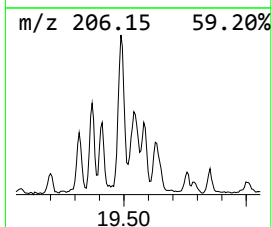
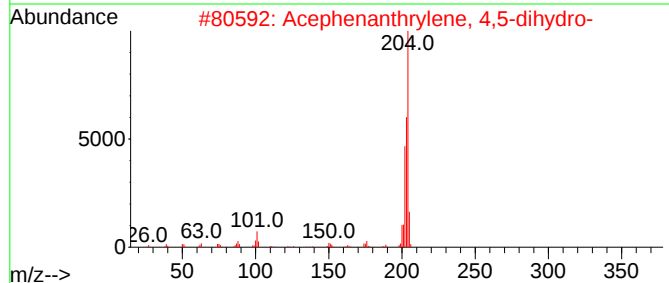
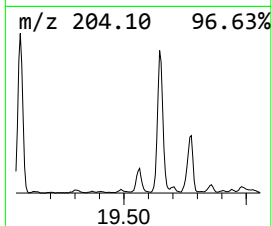
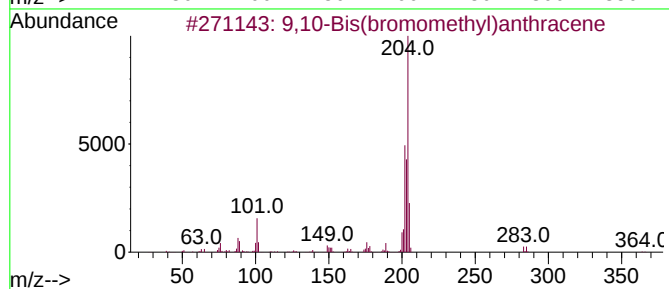
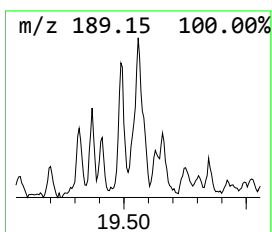
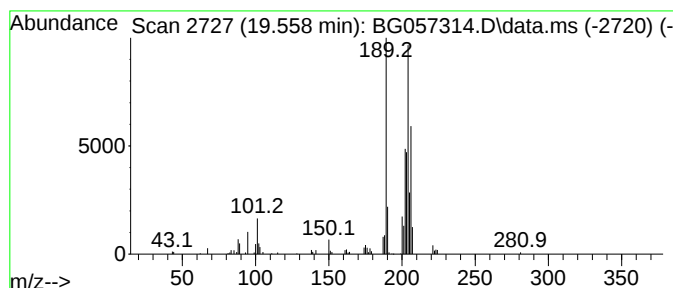
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.558	4.62 ng/ul	74963	Phenanthrene-d10	17.725		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
2		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	30
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	30
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	30
5		Imidazole, 4,5-dichloro-2-triflu...	204	C4HCl2F3N2	064736-49-8	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

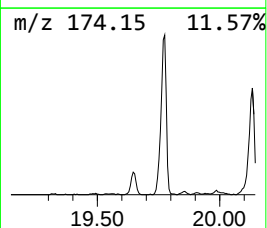
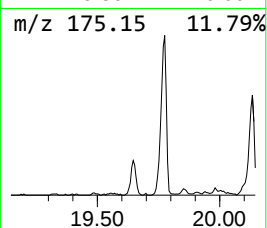
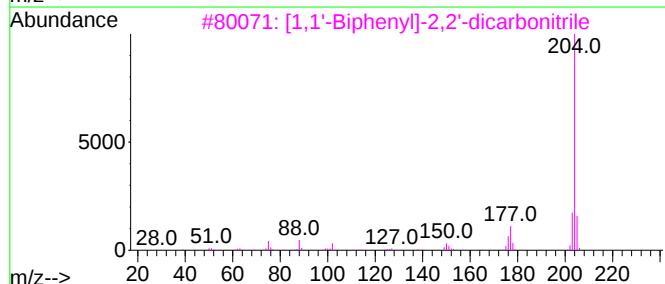
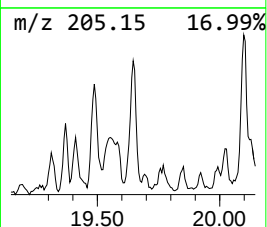
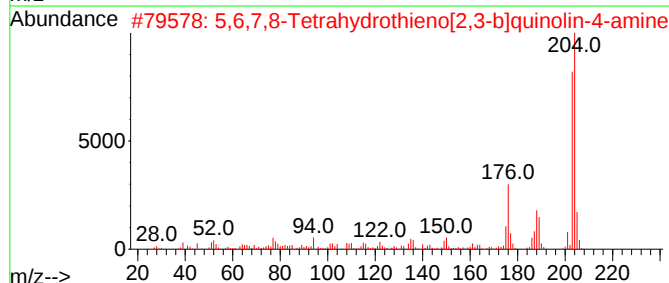
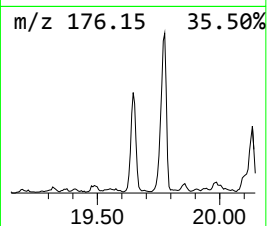
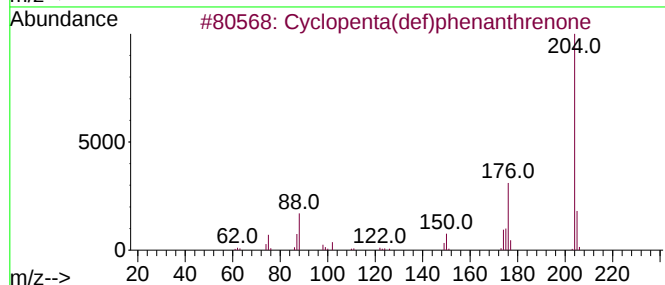
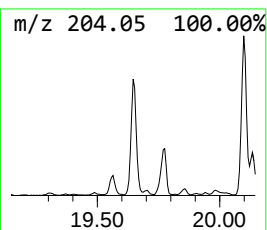
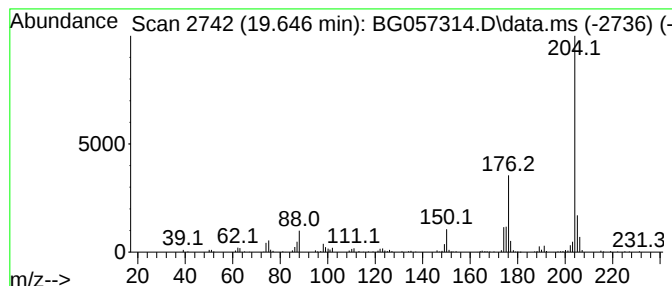
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.646	16.85 ng/ul	273414	Phenanthrene-d10	17.725	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	72
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
4	4,5,6-Trifluoro-benzothiazol-2-y...	204	C7H3F3N2S	328037-32-7	50
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW946

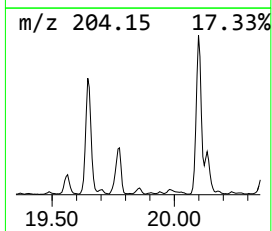
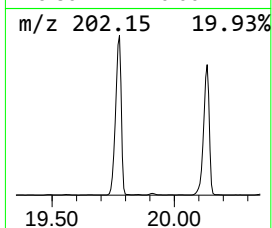
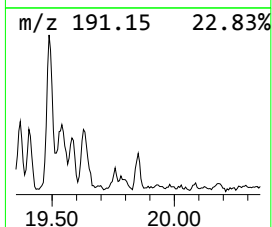
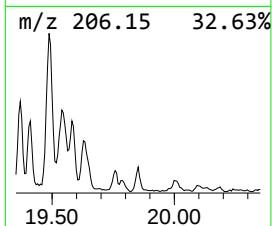
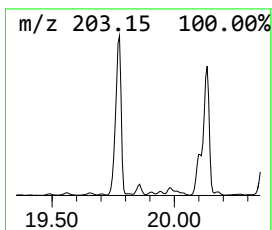
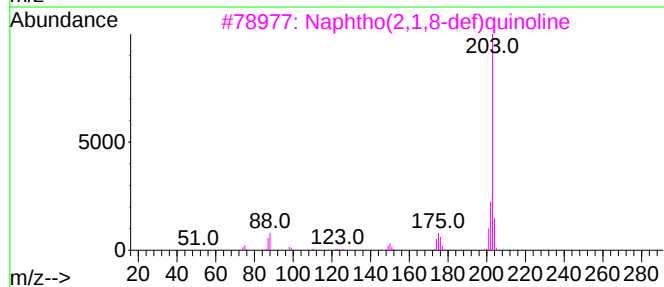
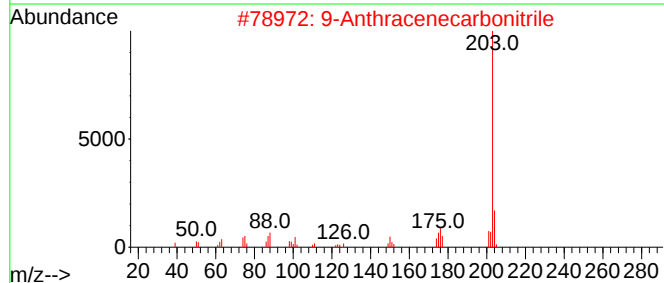
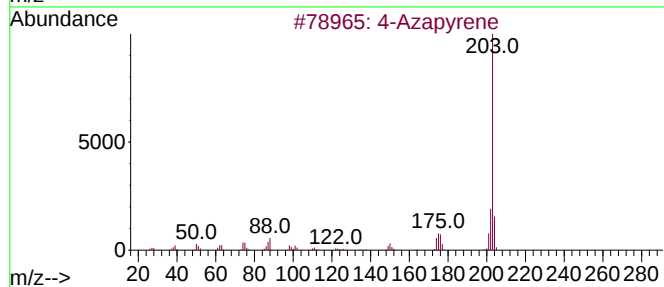
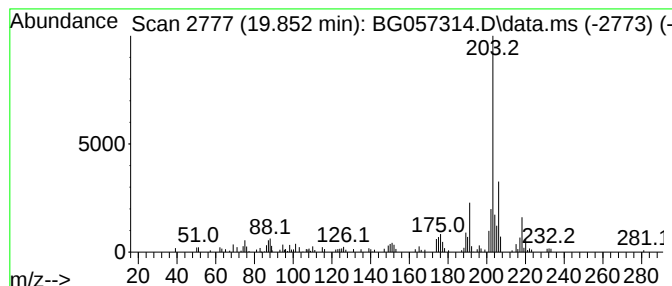
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 4-Azapyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.852	6.90 ng/ul	111933	Phenanthrene-d10	17.725

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Azapyrene	203	C15H9N	000194-03-6	91
2			9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	90
3			Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	60
4			4-Azapyrene	203	C15H9N	000194-03-6	60
5			Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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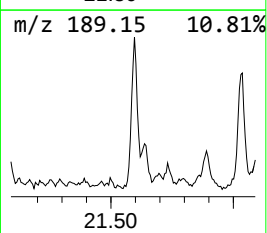
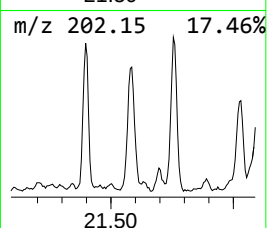
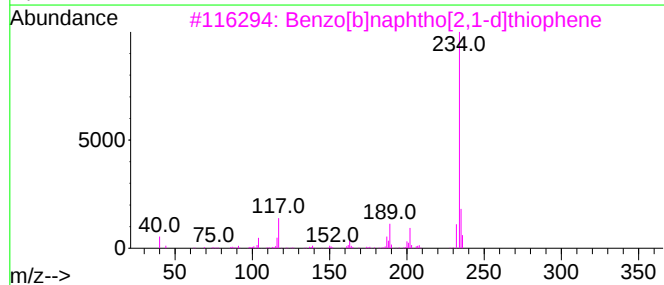
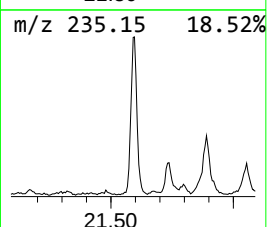
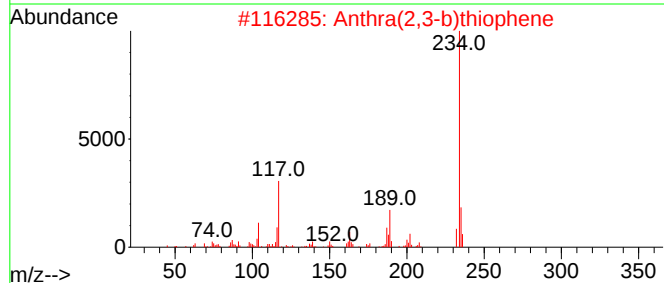
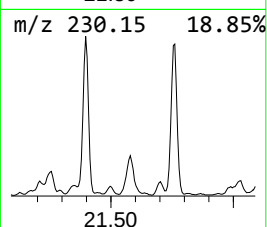
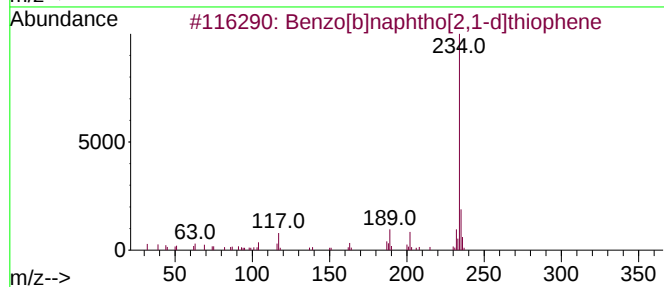
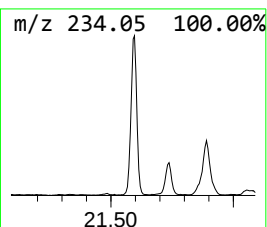
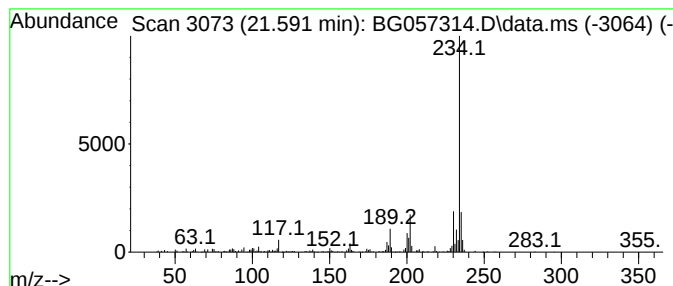
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.590	4.15 ng/ul	665002	Chrysene-d12	22.049

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
4			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
5			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW946

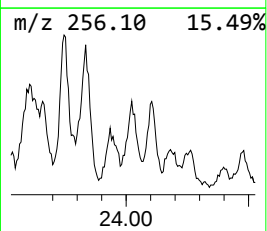
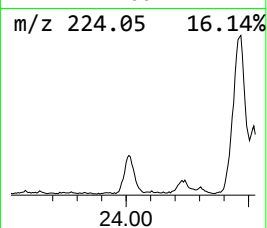
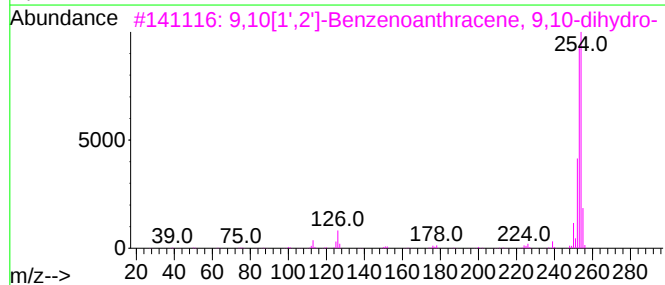
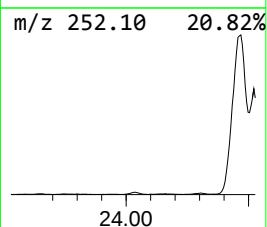
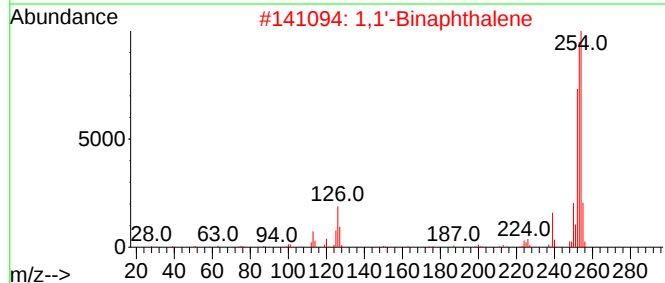
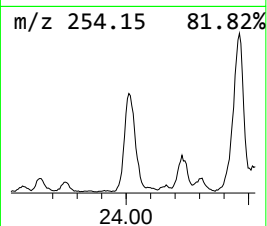
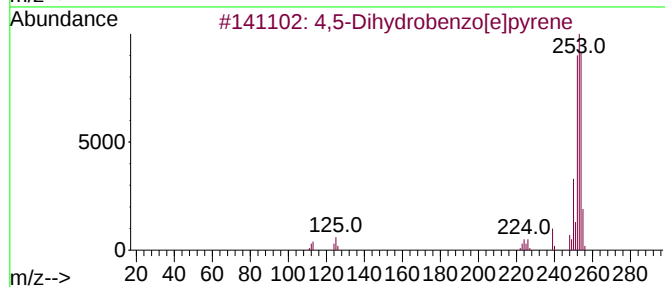
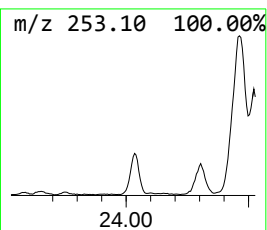
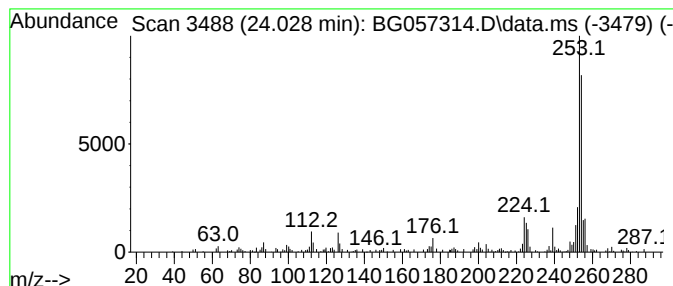
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 4,5-Dihydrobenzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.028	19.49 ng/ul	296417	Perylene-d12	25.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	81
2			1,1'-Binaphthalene	254	C20H14	000604-53-5	80
3			9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	76
4			1,2'-Binaphthalene	254	C20H14	004325-74-0	72
5			1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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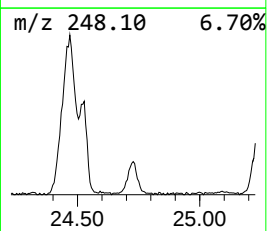
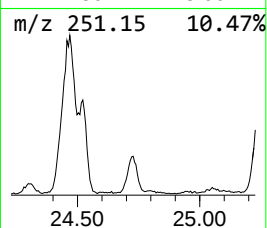
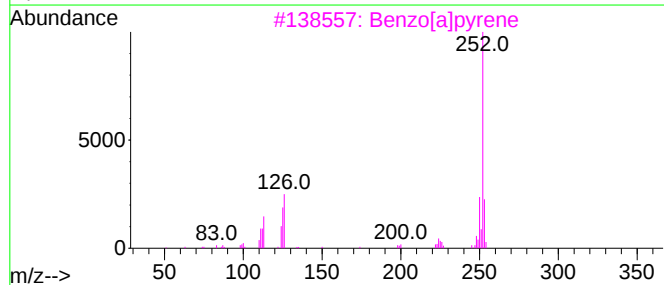
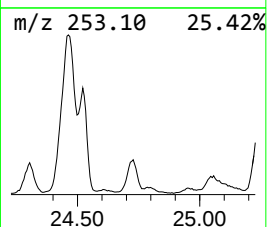
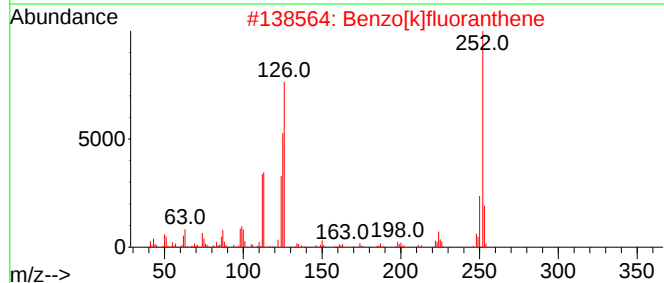
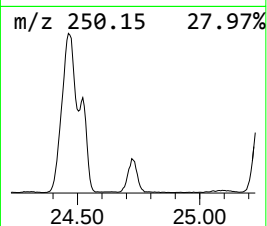
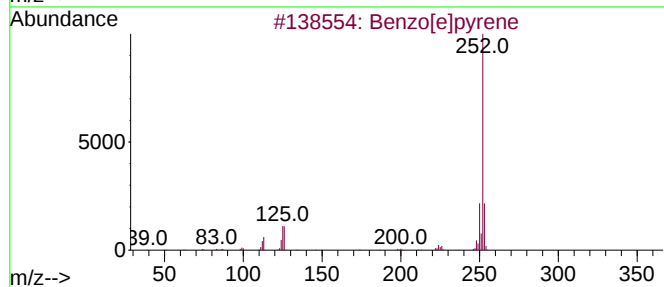
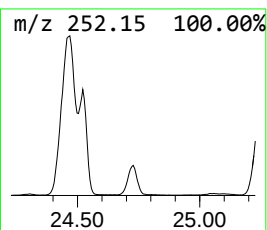
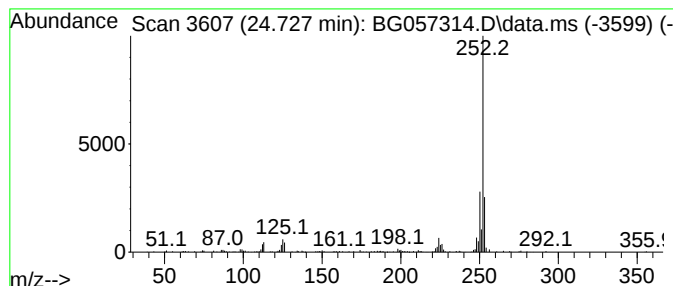
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.727	24.90 ng/ul	378694	Perylene-d12	25.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	87
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	83
3			Benzo[a]pyrene	252	C20H12	000050-32-8	81
4			Perylene	252	C20H12	000198-55-0	81
5			Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW946

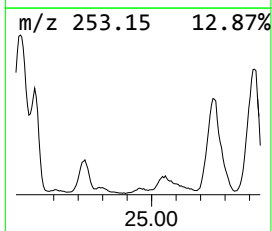
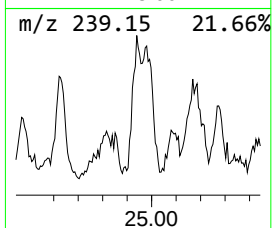
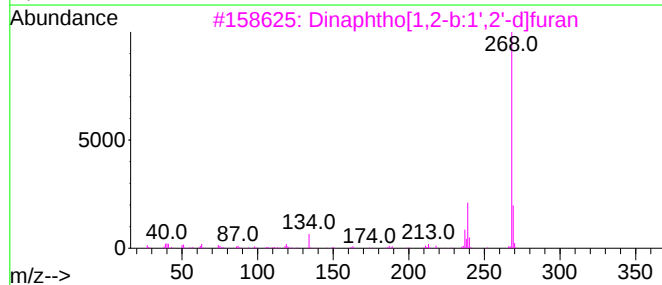
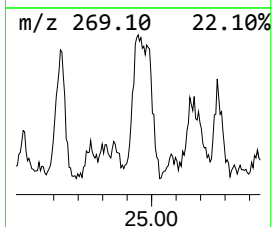
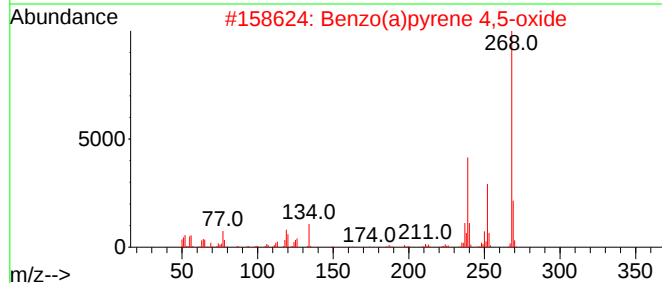
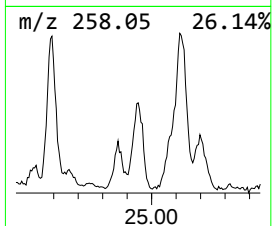
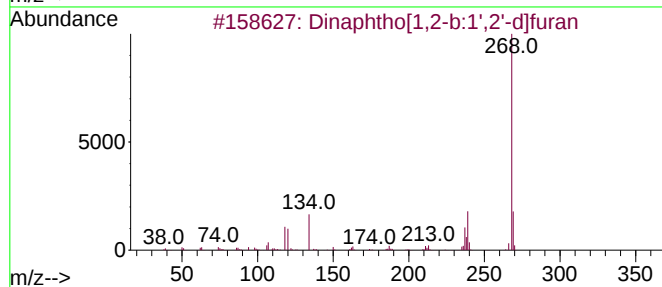
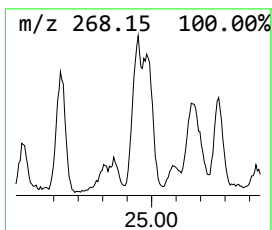
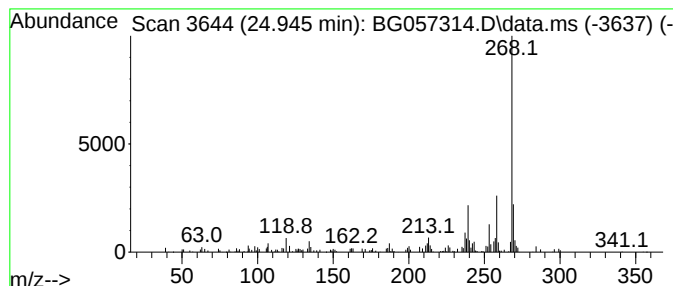
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.945	11.53 ng/ul	175404	Perylene-d12	25.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	89
2			Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	74
3			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	68
4			2,6-Dihydroxyanthraquinone, dime...	268	C16H12O4	000963-96-2	59
5			4H-Dibenz[a,k]anthracene, 5,6-d...	268	C21H16	007198-87-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW946

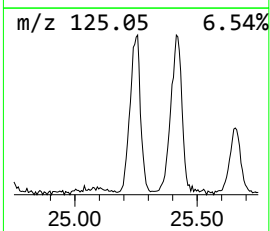
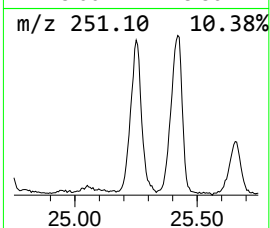
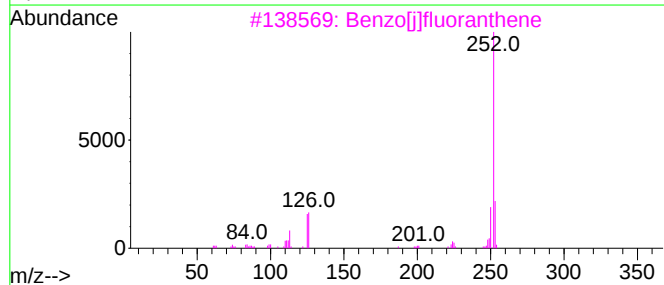
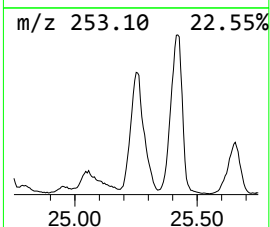
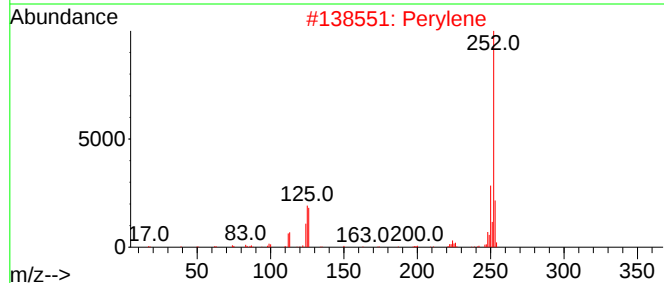
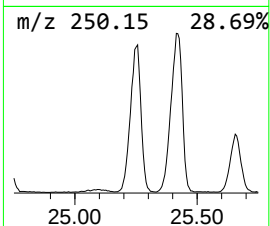
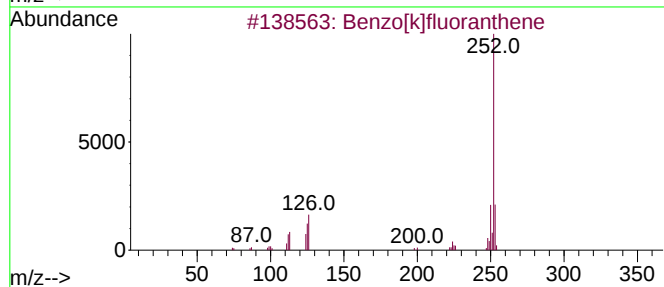
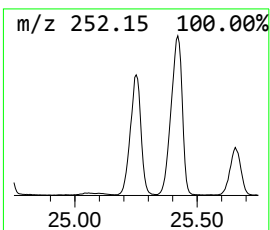
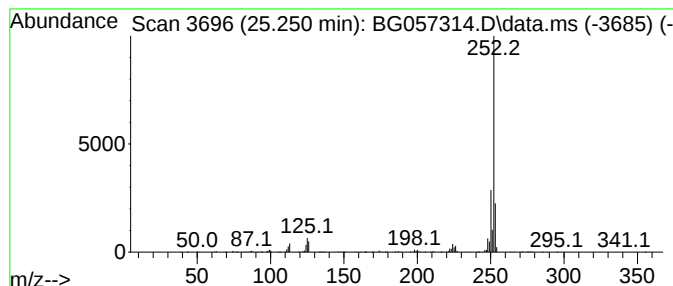
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.250	100.17 ng/ul	1523720	Perylene-d12	25.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2			Perylene	252	C20H12	000198-55-0	94
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5			Benzo[e]pyrene	252	C20H12	000192-97-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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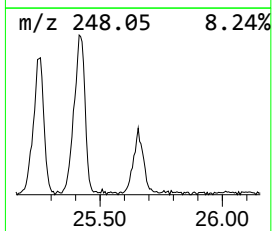
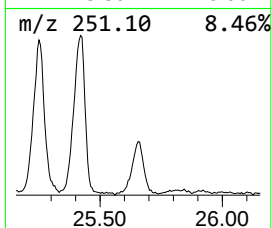
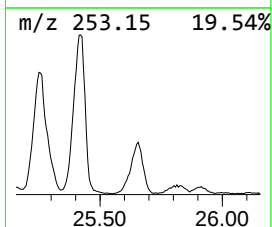
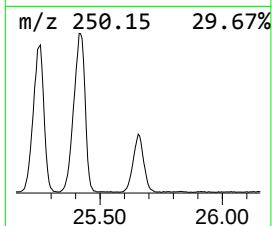
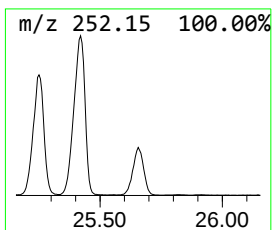
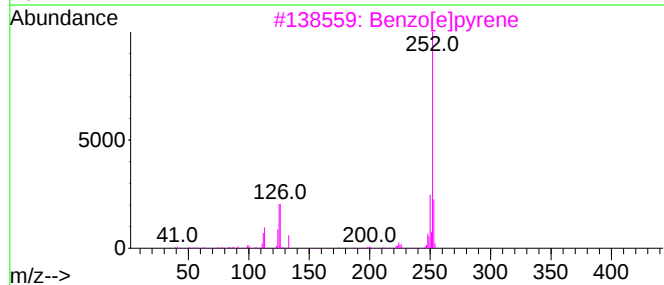
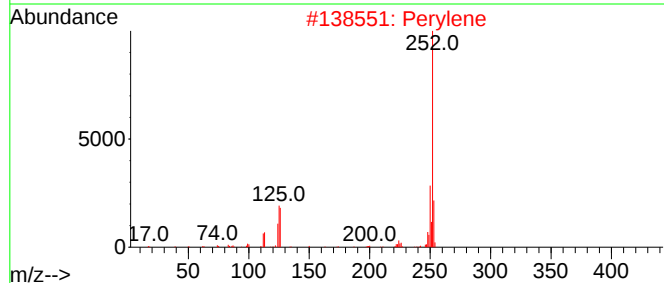
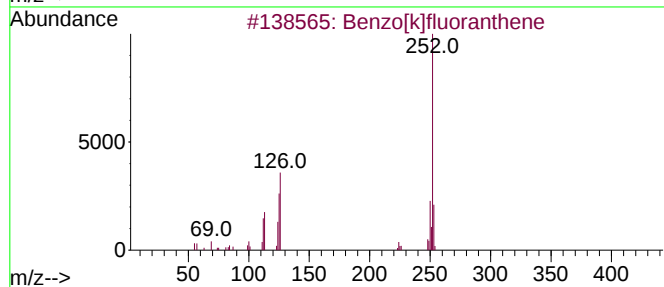
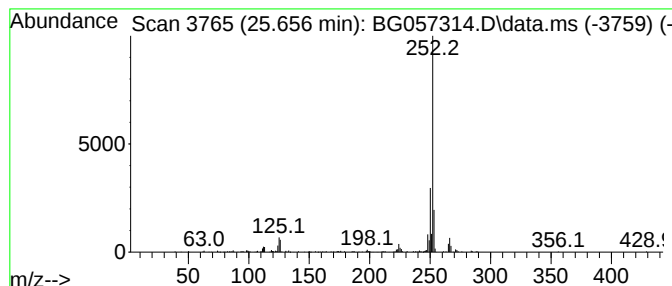
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Quant Title : SVOA CALIBRATION

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

Peak Number 48 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.656	45.83 ng/ul	697095	Perylene-d12	25.573

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2		Perylene	252	C20H12	000198-55-0	93
3		Benzo[e]pyrene	252	C20H12	000192-97-2	86
4		Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
5		Perylene	252	C20H12	000198-55-0	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW946

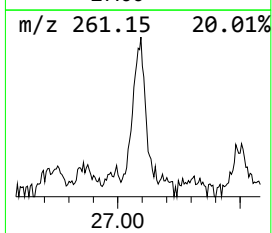
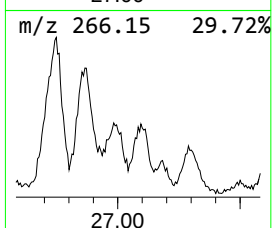
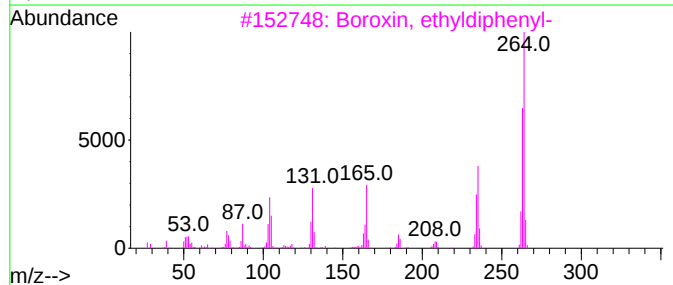
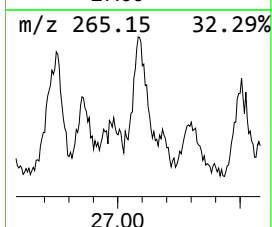
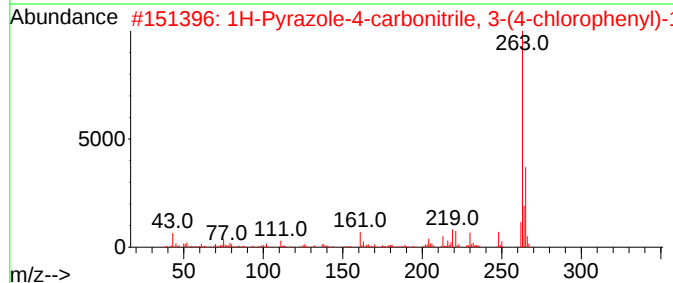
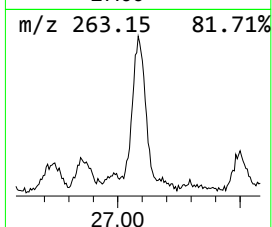
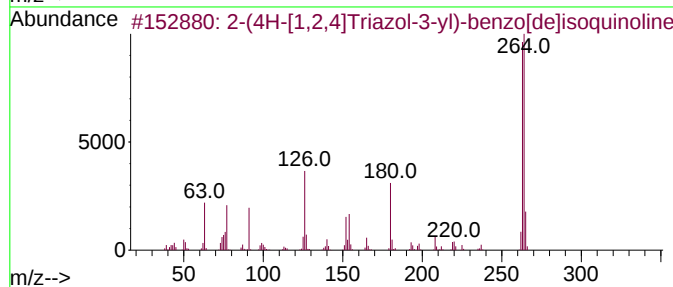
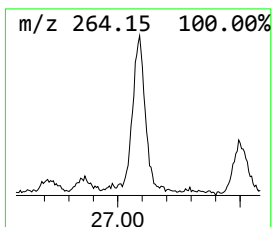
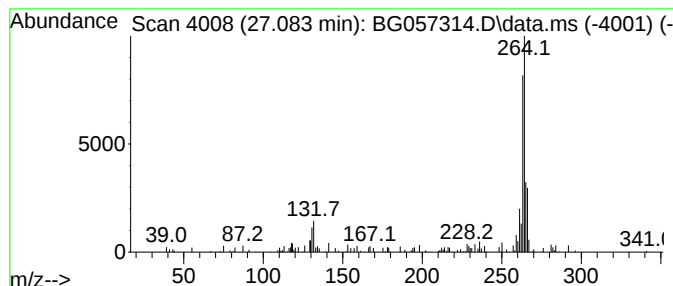
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 2-(4H-[1,2,4]Triazol-3-yl)-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.083	7.99 ng/ul	121602	Perylene-d12	25.573

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	53	
2	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	43	
3	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	42	
4	Phenothiazine, 2-chloro-8-methoxy-	263	C13H10ClNOS	017800-09-8	38	
5	Acetamide, N-(2,5-dimethoxypheny...	263	C10H11Cl2NO3	1000307-30-2	35	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

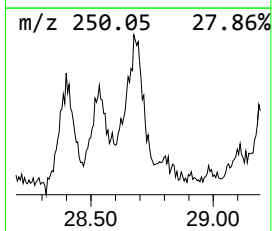
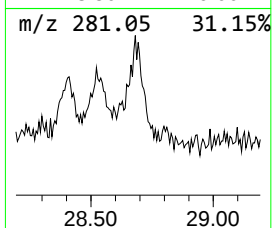
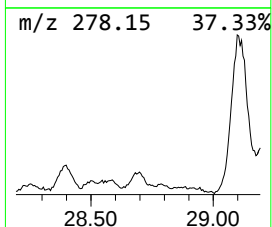
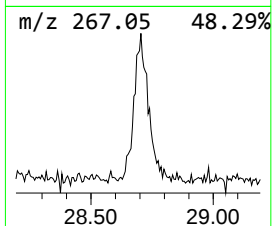
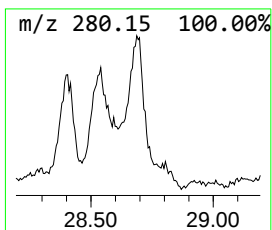
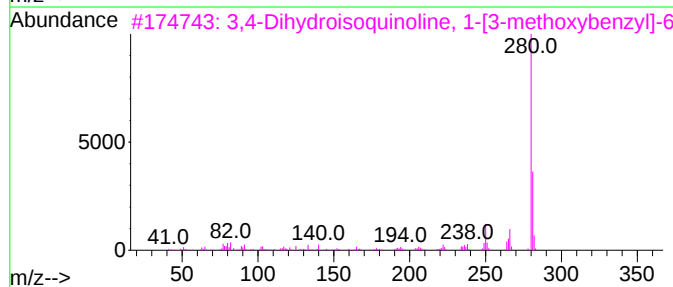
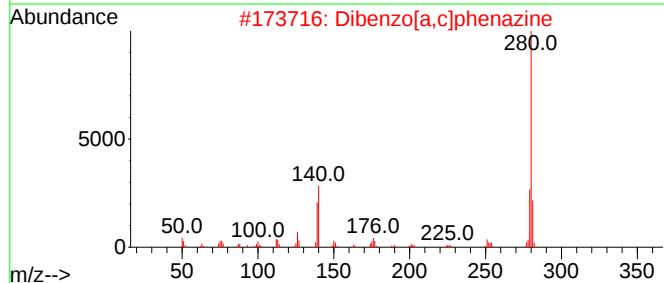
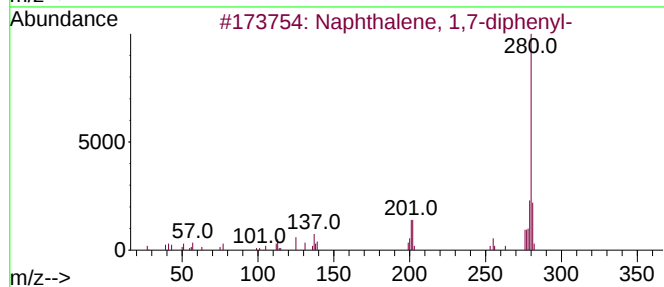
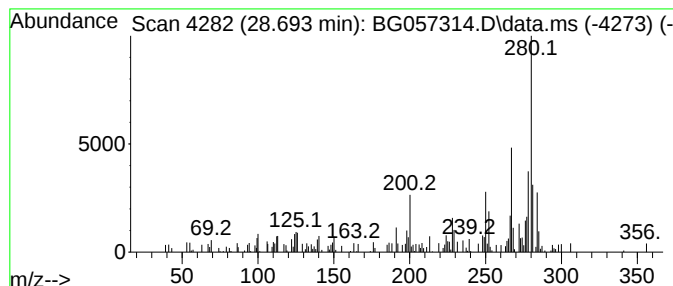
Instrument :
BNA_G
ClientSampleId :
EW946

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

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

Peak Number 50 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
28.693	11.55 ng/ul	175664	Perylene-d12	25.573	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-diphenyl-	280	C22H16	000970-06-9	43
2	Dibenzo[a,c]phenazine	280	C20H12N2	000215-64-5	41
3	3,4-Dihydroisoquinoline, 1-[3-me...	281	C18H19NO2	1000126-16-1	38
4	1H-Indene, 1-(diphenylmethylene)-	280	C22H16	013245-90-4	35
5	1-(Phenylethynyl)-4-(trans-styryl...	280	C22H16	173035-17-1	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW946

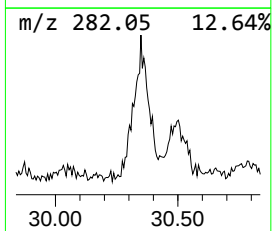
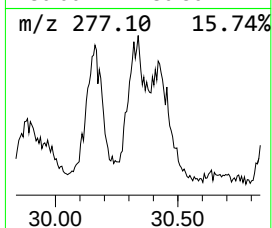
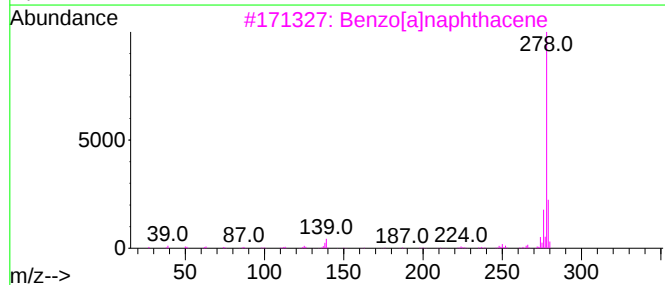
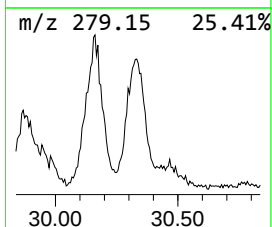
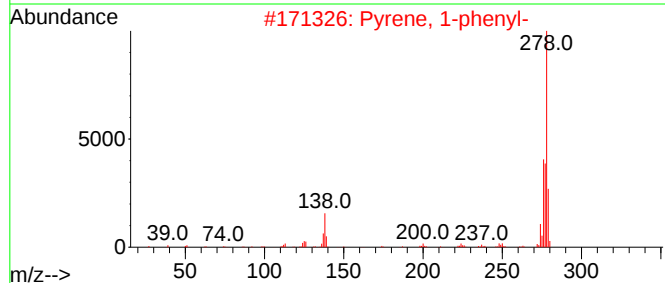
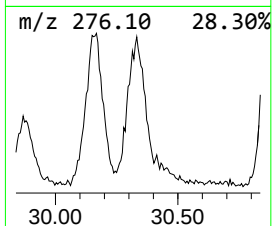
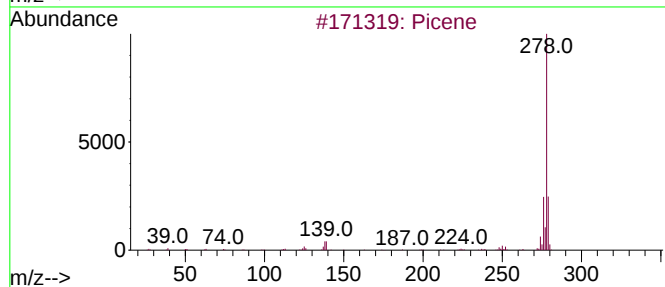
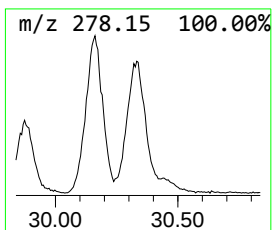
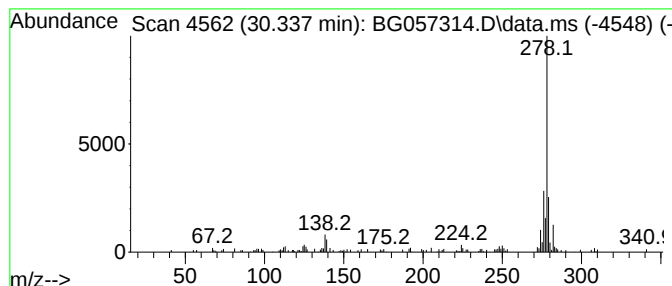
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 Picene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.337	18.46 ng/ul	280840	Perylene-d12	25.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Picene	278	C22H14	000213-46-7	86
2			Pyrene, 1-phenyl-	278	C22H14	005101-27-9	83
3			Benzo[a]naphthacene	278	C22H14	000226-88-0	76
4			Picene	278	C22H14	000213-46-7	70
5			Benzo[b]triphenylene	278	C22H14	000215-58-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057314.D
Acq On : 5 May 2023 11:32
Operator : CG/JU
Sample : 02479-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW946

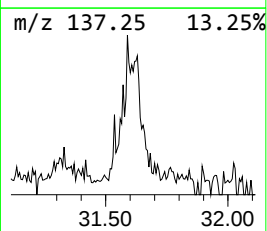
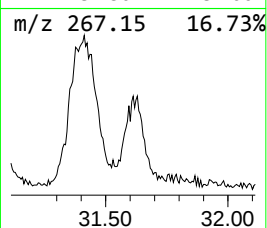
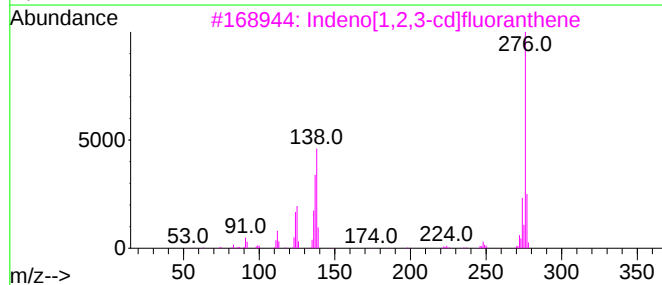
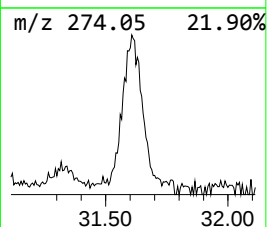
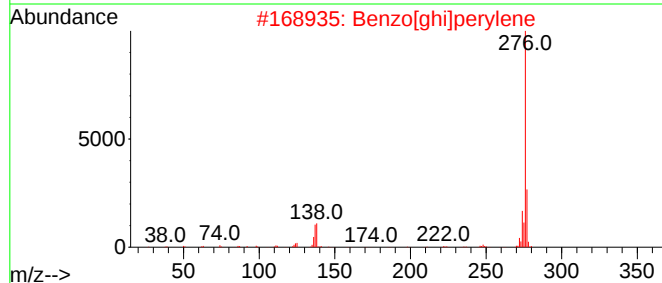
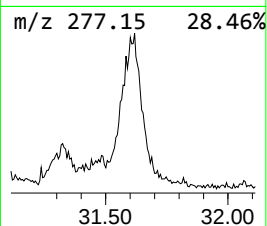
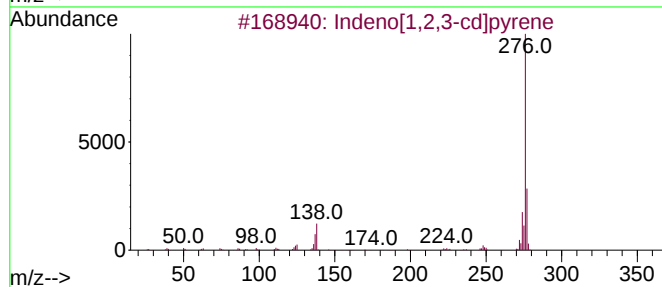
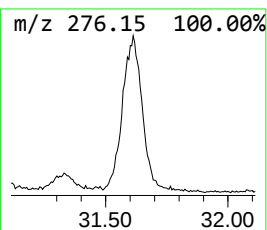
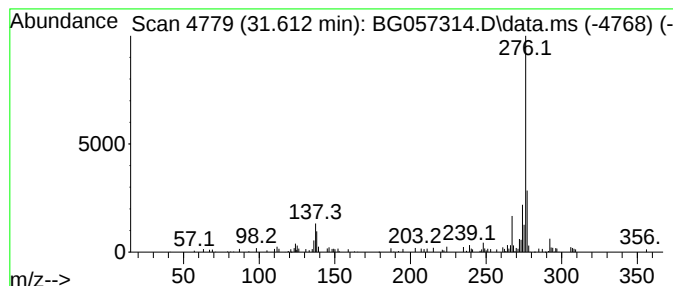
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 52 Indeno[1,2,3-cd]fluoranthene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.612	10.83 ng/ul	164809	Perylene-d12	25.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	94
2			Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3			Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	93
4			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	86
5			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
 Data File : BG057314.D
 Acq On : 5 May 2023 11:32
 Operator : CG/JU
 Sample : 02479-05 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW946

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
9H-Fluoren-9-ol	16.309	5.4	ng/ul	73280	3	14.988	270611	20.0
6H-Dibenzo[b,d]...	16.456	6.1	ng/ul	99026	4	17.725	324604	20.0
9H-Fluorene, 3-...	17.020	4.5	ng/ul	73617	4	17.725	324604	20.0
3'-Methyl-[1,1'...	17.285	3.5	ng/ul	57007	4	17.725	324604	20.0
9H-Fluoren-9-one	17.379	10.8	ng/ul	174839	4	17.725	324604	20.0
Phenanthrene, 1...	17.473	4.5	ng/ul	72961	4	17.725	324604	20.0
Dibenzothiophene	17.543	9.3	ng/ul	151062	4	17.725	324604	20.0
4-Methylnaphtho...	18.307	4.0	ng/ul	65268	4	17.725	324604	20.0
Pyridine, 4-(4-...	18.436	3.1	ng/ul	49712	4	17.725	324604	20.0
Phenanthrene, 1...	18.595	23.3	ng/ul	378813	4	17.725	324604	20.0
Phenanthrene, 4...	18.642	30.3	ng/ul	491098	4	17.725	324604	20.0
Anthracene, 1-m...	18.724	10.2	ng/ul	165429	4	17.725	324604	20.0
4H-Cyclopenta[d...	18.794	42.9	ng/ul	695693	4	17.725	324604	20.0
Naphthalene, 2-...	19.076	16.7	ng/ul	271253	4	17.725	324604	20.0
9,10-Anthracene...	19.129	16.1	ng/ul	262108	4	17.725	324604	20.0
Phenanthrene, 4...	19.317	6.1	ng/ul	98745	4	17.725	324604	20.0
Phenanthrene, 2...	19.488	11.8	ng/ul	190817	4	17.725	324604	20.0
unknown-01	19.558	4.6	ng/ul	74963	4	17.725	324604	20.0
Cyclopenta(def)...	19.646	16.9	ng/ul	273414	4	17.725	324604	20.0
4-Azapyrene	19.852	6.9	ng/ul	111933	4	17.725	324604	20.0
Benzo[b]naphtho...	21.590	4.2	ng/ul	665002	5	22.049	3202200	20.0
4,5-Dihydrobenz...	24.028	19.5	ng/ul	296417	6	25.573	304227	20.0
Benzo[e]pyrene	24.727	24.9	ng/ul	378694	6	25.573	304227	20.0
Dinaphtho[1,2-b...	24.945	11.5	ng/ul	175404	6	25.573	304227	20.0
Perylene	25.250	100.2	ng/ul	1523720	6	25.573	304227	20.0
unknown-02	25.656	45.8	ng/ul	697095	6	25.573	304227	20.0
2-(4H-[1,2,4]Tr...	27.083	8.0	ng/ul	121602	6	25.573	304227	20.0
unknown-03	28.693	11.6	ng/ul	175664	6	25.573	304227	20.0
Picene	30.337	18.5	ng/ul	280840	6	25.573	304227	20.0
Indeno[1,2,3-cd...	31.612	10.8	ng/ul	164809	6	25.573	304227	20.0