

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061442.D
 Acq On : 4 Jun 2024 4:27
 Operator : MA/JU
 Sample : P2577-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN6

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: BG061442.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.082	7	16	51	rVB	1729195	3541686	100.00%	7.554%
2	3.752	124	130	137	rBV	65291	115370	3.26%	0.246%
3	7.066	680	694	707	rVB	166206	309815	8.75%	0.661%
4	7.207	712	718	725	rVV	109697	175324	4.95%	0.374%
5	7.418	747	754	760	rBV	150797	263127	7.43%	0.561%
6	7.876	823	832	839	rVV	165416	277742	7.84%	0.592%
7	8.599	948	955	962	rBV	171654	302370	8.54%	0.645%
8	9.034	1022	1029	1036	rBV	164041	286753	8.10%	0.612%
9	9.586	1116	1123	1130	rBV2	20760	33846	0.96%	0.072%
10	9.751	1144	1151	1163	rVB	146133	262357	7.41%	0.560%
11	10.309	1238	1246	1260	rVB	205416	376130	10.62%	0.802%
12	10.667	1297	1307	1313	rBV	217575	391325	11.05%	0.835%
13	10.720	1313	1316	1322	rVB	42783	63777	1.80%	0.136%
14	10.808	1324	1331	1343	rVB	57130	119393	3.37%	0.255%
15	11.408	1428	1433	1440	rVB2	21152	38554	1.09%	0.082%
16	12.330	1581	1590	1595	rVV	34576	57820	1.63%	0.123%
17	12.547	1620	1627	1633	rBV	24568	40453	1.14%	0.086%
18	13.335	1750	1761	1767	rVB3	26519	47346	1.34%	0.101%
19	13.687	1813	1821	1826	rBV6	17427	40955	1.16%	0.087%
20	13.834	1840	1846	1850	rVV	31240	55282	1.56%	0.118%
21	13.916	1850	1860	1866	rVV	383979	576346	16.27%	1.229%
22	14.204	1903	1909	1921	rBV	407607	660406	18.65%	1.409%
23	14.510	1952	1961	1967	rBV	356584	547496	15.46%	1.168%
24	14.574	1967	1972	1979	rVB2	37728	72249	2.04%	0.154%
25	14.757	1990	2003	2011	rBV3	117407	266333	7.52%	0.568%
26	14.909	2025	2029	2037	rVV	74930	117706	3.32%	0.251%
27	15.133	2059	2067	2071	rBV5	20644	41343	1.17%	0.088%
28	15.303	2090	2096	2099	rBV3	19835	34036	0.96%	0.073%
29	15.509	2123	2131	2136	rBV	513343	780014	22.02%	1.664%
30	15.562	2136	2140	2144	rVB2	57196	81577	2.30%	0.174%
31	15.650	2150	2155	2159	rBV	131793	196323	5.54%	0.419%
32	15.855	2185	2190	2197	rVB	44055	79687	2.25%	0.170%
33	16.002	2207	2215	2223	rVB	43266	92845	2.62%	0.198%
34	16.237	2247	2255	2261	rBV6	53459	137374	3.88%	0.293%
35	16.566	2308	2311	2316	rVV3	30633	50032	1.41%	0.107%
36	16.795	2342	2350	2354	rBV4	39554	86344	2.44%	0.184%

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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

37	16.919	2366	2371	2377	rBV	100554	161258	4.55%	0.344%
38	17.013	2385	2387	2391	rVB2	37450	46013	1.30%	0.098%
39	17.077	2394	2398	2408	rVB	74790	133825	3.78%	0.285%
40	17.265	2418	2430	2433	rBV	410637	686003	19.37%	1.463%

41	17.307	2433	2437	2442	rVV	1084854	1559828	44.04%	3.327%
42	17.359	2442	2446	2450	rVV2	573542	884403	24.97%	1.886%
43	17.395	2450	2452	2457	rVB	167098	195263	5.51%	0.416%
44	17.448	2457	2461	2467	rBV3	43143	73114	2.06%	0.156%
45	17.577	2480	2483	2489	rVB3	25938	43284	1.22%	0.092%

46	17.665	2491	2498	2503	rBV2	95615	188444	5.32%	0.402%
47	17.777	2515	2517	2521	rVB	38690	45088	1.27%	0.096%
48	17.841	2524	2528	2536	rVB4	59614	101852	2.88%	0.217%
49	18.141	2573	2579	2583	rVV	212401	392822	11.09%	0.838%
50	18.188	2583	2587	2594	rVV	317333	502067	14.18%	1.071%

51	18.270	2596	2601	2605	rVV	71602	104085	2.94%	0.222%
52	18.335	2606	2612	2616	rVV3	280484	548834	15.50%	1.171%
53	18.370	2616	2618	2625	rVB	164627	217506	6.14%	0.464%
54	18.446	2627	2631	2635	rBV3	59278	87088	2.46%	0.186%
55	18.488	2635	2638	2642	rVV4	33469	47607	1.34%	0.102%

56	18.540	2642	2647	2651	rVB4	33807	53661	1.52%	0.114%
57	18.634	2659	2663	2667	rBV	170050	243255	6.87%	0.519%
58	18.687	2667	2672	2677	rVB2	207287	290413	8.20%	0.619%
59	18.887	2703	2706	2710	rVB2	58453	69048	1.95%	0.147%
60	18.934	2711	2714	2718	rVB	66752	76297	2.15%	0.163%

61	18.975	2718	2721	2725	rVB	72374	83719	2.36%	0.179%
62	19.057	2730	2735	2738	rBV	185668	300453	8.48%	0.641%
63	19.151	2749	2751	2755	rVB	64186	69595	1.97%	0.148%
64	19.204	2755	2760	2767	rBV2	186935	354074	10.00%	0.755%
65	19.328	2774	2781	2786	rBV	2443507	3497192	98.74%	7.459%

66	19.381	2786	2790	2793	rVV3	134922	180762	5.10%	0.386%
67	19.422	2794	2797	2802	rVB3	69059	96643	2.73%	0.206%
68	19.475	2803	2806	2809	rVB	42155	46395	1.31%	0.099%
69	19.527	2811	2815	2818	rBV3	55933	79465	2.24%	0.169%
70	19.563	2818	2821	2825	rVB	92747	126984	3.59%	0.271%

71	19.657	2832	2837	2839	rBV2	1047491	1490335	42.08%	3.179%
72	19.692	2839	2843	2850	rVV	2245916	3197151	90.27%	6.819%
73	19.757	2850	2854	2860	rVB2	163503	264058	7.46%	0.563%
74	19.862	2868	2872	2879	rVB	131500	210077	5.93%	0.448%
75	19.927	2879	2883	2887	rVB2	121727	184820	5.22%	0.394%

76	20.015	2891	2898	2904	rBV2	219161	613214	17.31%	1.308%
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 Title : SVOA CALIBRATION

77	20.144	2915	2920	2921	rBV4	184868	259721	7.33%	0.554%
78	20.180	2923	2926	2932	rVB	361602	524640	14.81%	1.119%
79	20.280	2939	2943	2947	rBV	211958	267438	7.55%	0.570%
80	20.338	2947	2953	2957	rVV2	286110	480202	13.56%	1.024%
81	20.421	2964	2967	2972	rBV3	55908	92824	2.62%	0.198%
82	20.479	2973	2977	2981	rVV	203126	278570	7.87%	0.594%
83	20.520	2981	2984	2988	rVB	166697	229660	6.48%	0.490%
84	20.938	3051	3055	3060	rVB	373246	490513	13.85%	1.046%
85	21.108	3080	3084	3088	rBV3	231530	373014	10.53%	0.796%
86	21.155	3088	3092	3095	rBV	172186	222326	6.28%	0.474%
87	21.267	3107	3111	3117	rVB	277291	453779	12.81%	0.968%
88	21.508	3146	3152	3158	rBV3	1344520	2989394	84.41%	6.376%
89	21.572	3159	3163	3175	rVB	1294487	2177629	61.49%	4.645%
90	21.713	3184	3187	3193	rBV3	110562	157748	4.45%	0.336%
91	21.919	3217	3222	3228	rVB2	156703	297987	8.41%	0.636%
92	22.224	3271	3274	3280	rVB	270875	443553	12.52%	0.946%
93	22.295	3282	3286	3294	rVB2	176508	375461	10.60%	0.801%
94	22.489	3315	3319	3323	rBV2	170160	290402	8.20%	0.619%
95	23.652	3508	3517	3523	rBV	1003434	3085820	87.13%	6.582%
96	23.893	3552	3558	3564	rBV	153157	354937	10.02%	0.757%
97	24.339	3626	3634	3641	rBV	495388	1443418	40.76%	3.079%
98	24.416	3642	3647	3652	rVV2	365338	917034	25.89%	1.956%
99	24.486	3652	3659	3670	rVB	721281	1969765	55.62%	4.201%
100	24.621	3676	3682	3689	rBV	246335	543120	15.34%	1.158%

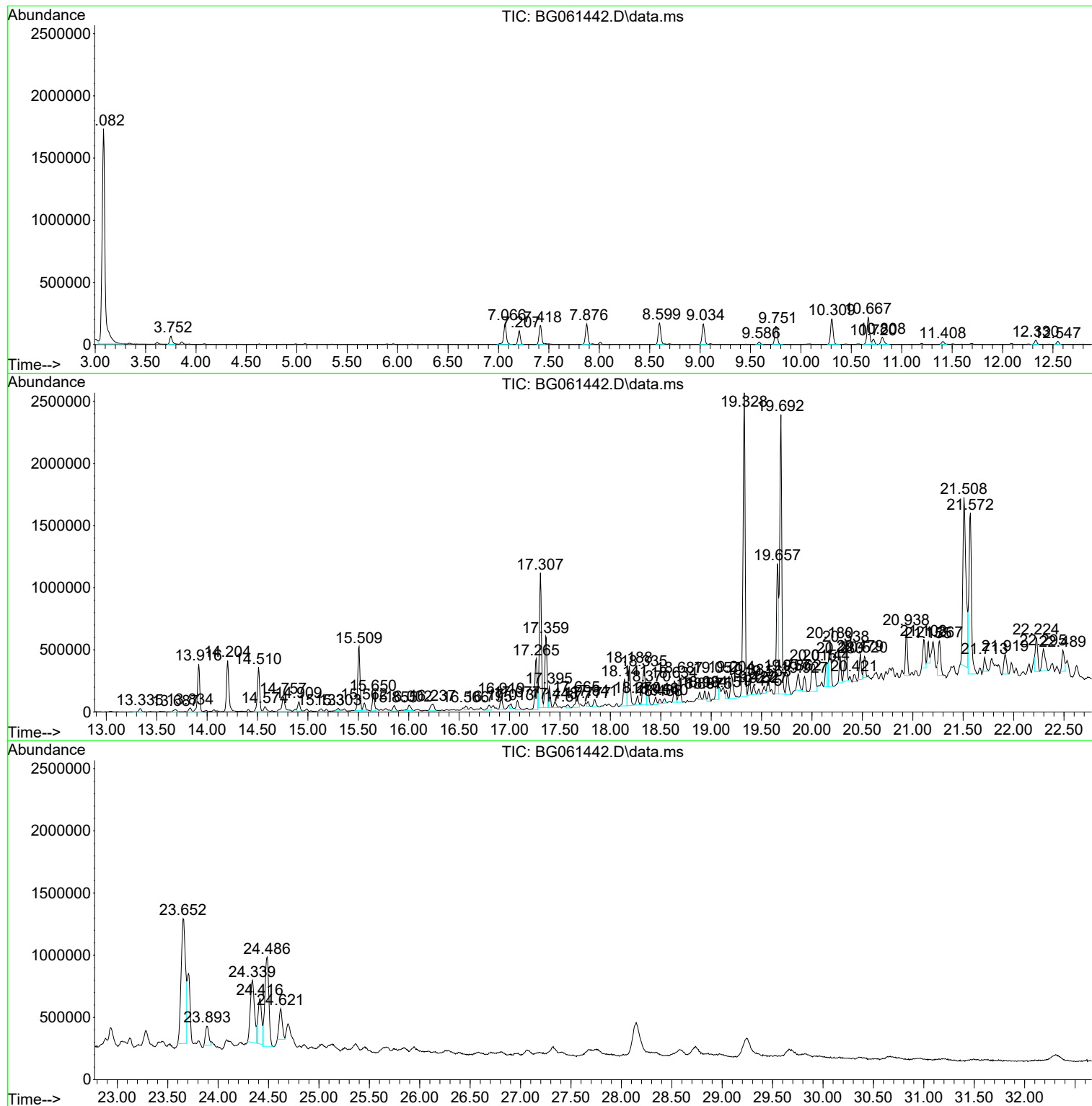
Sum of corrected areas: 46884486

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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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
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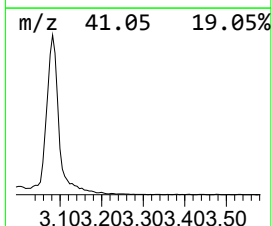
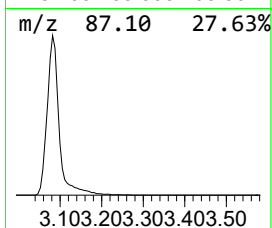
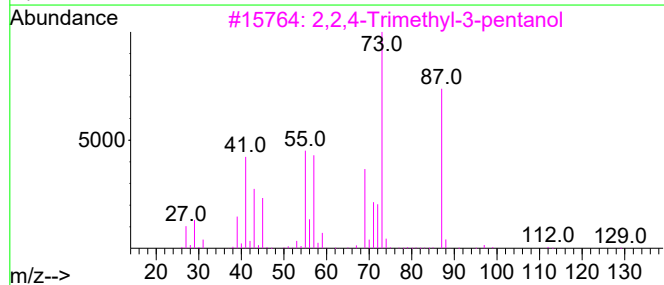
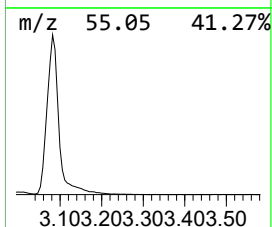
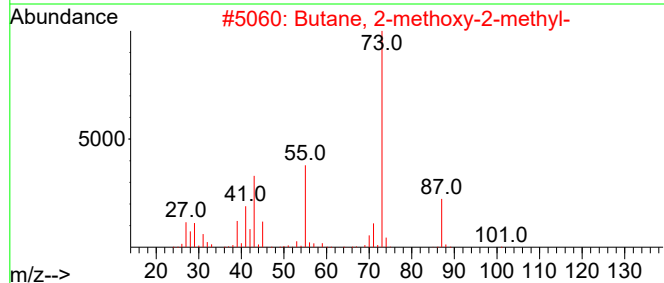
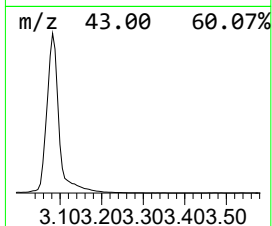
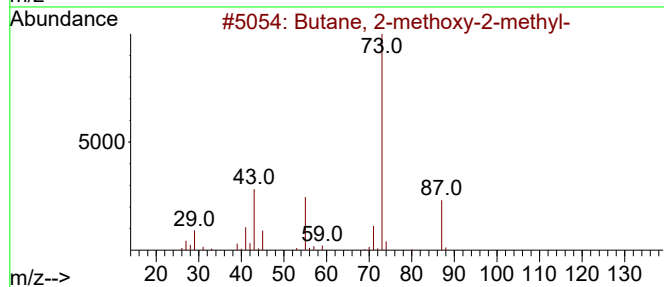
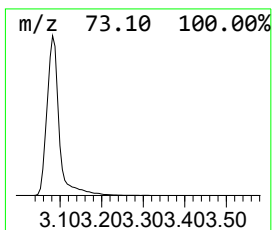
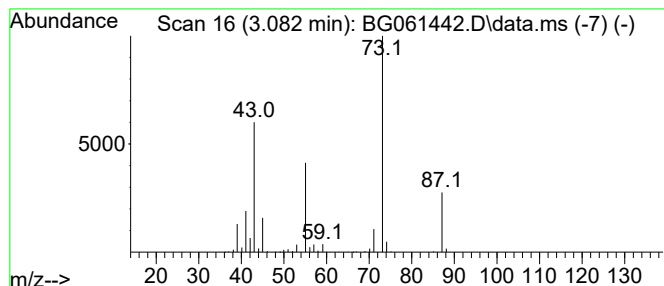
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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.
3.082	255.03 ng/ul	3541690	1,4-Dichlorobenzene-d4	7.876

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	38
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
5			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28



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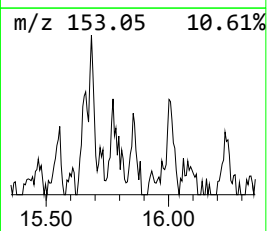
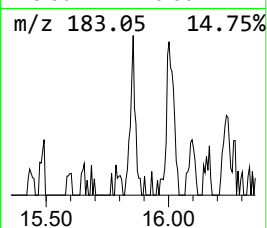
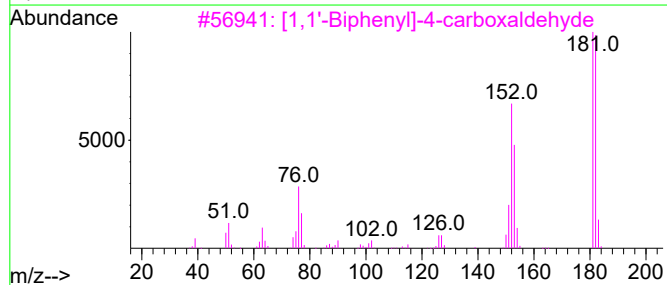
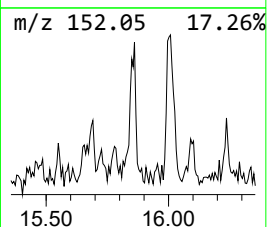
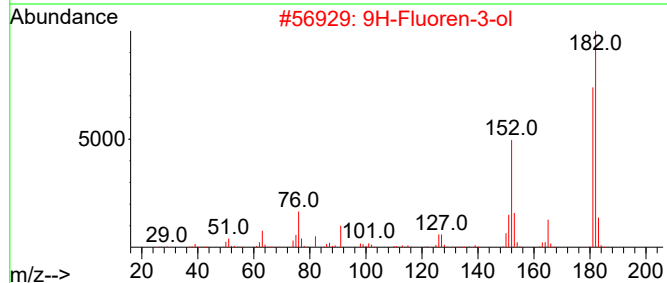
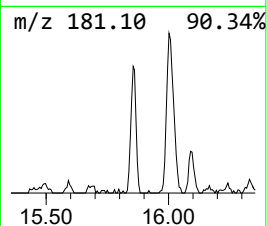
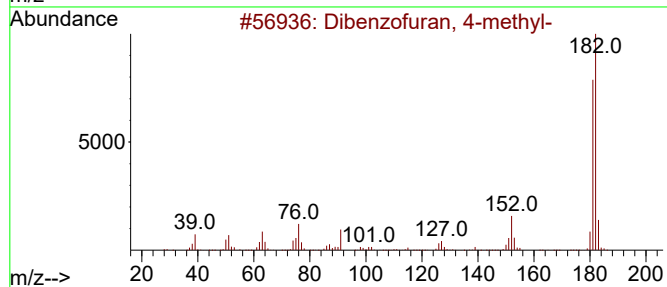
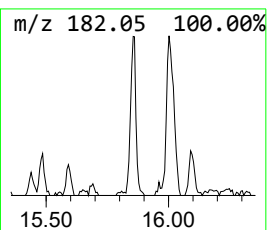
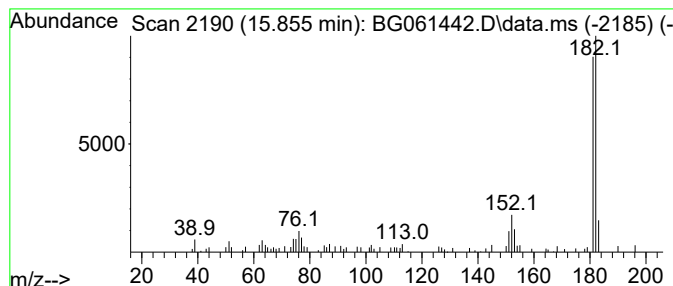
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.855	2.91 ng/ul	79687	Acenaphthene-d10	14.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
5			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78



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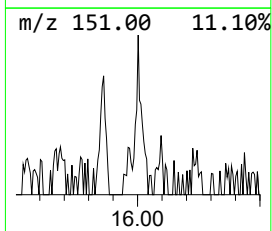
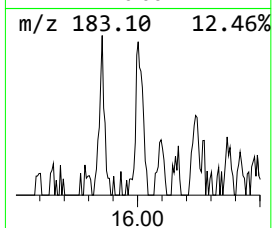
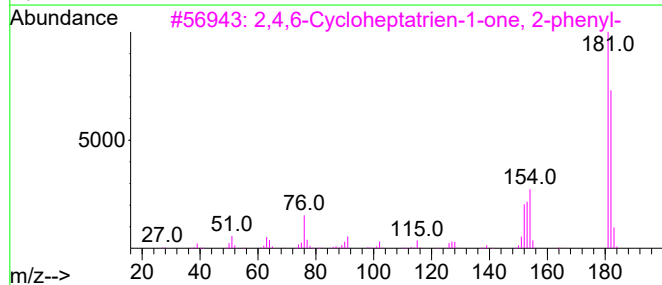
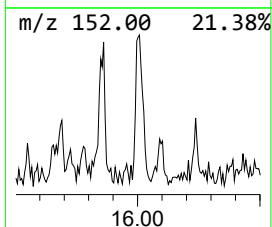
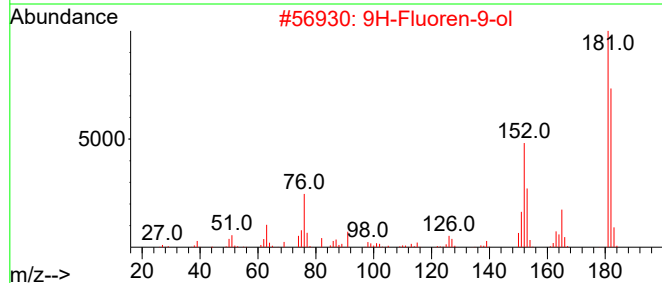
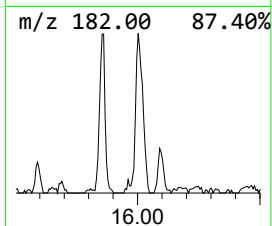
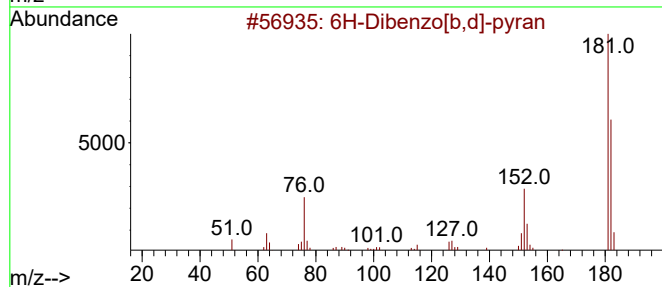
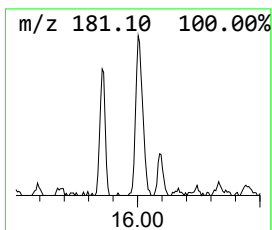
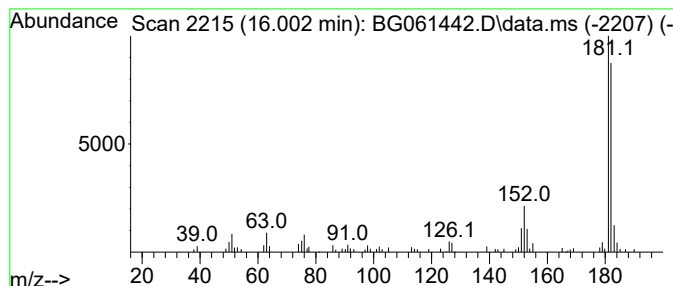
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 6H-Dibenzo[b,d]-pyran Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.002	2.71 ng/ul	92845	Phenanthrene-d10	17.265

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
4			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83



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Operator : MA/JU
Sample : P2577-08
Misc :
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Instrument :
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ClientSampleId :
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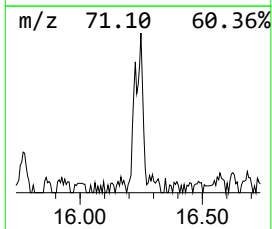
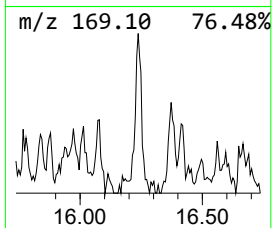
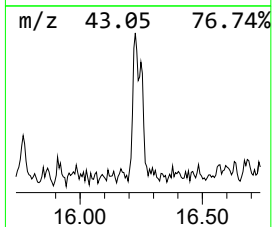
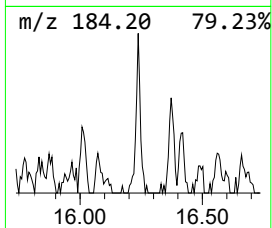
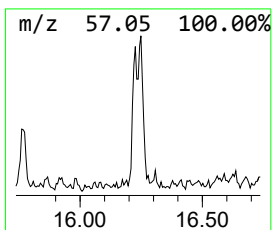
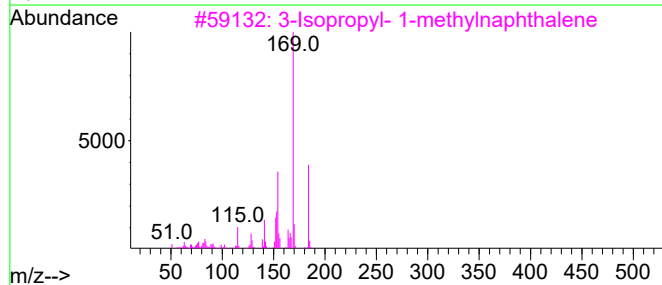
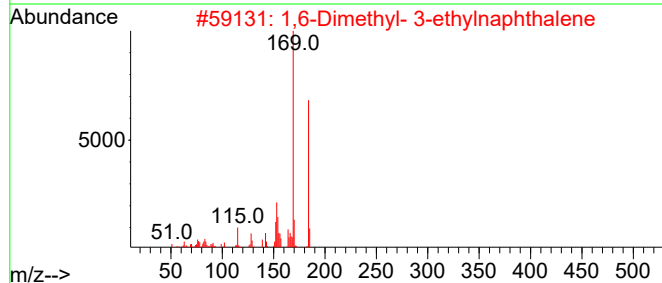
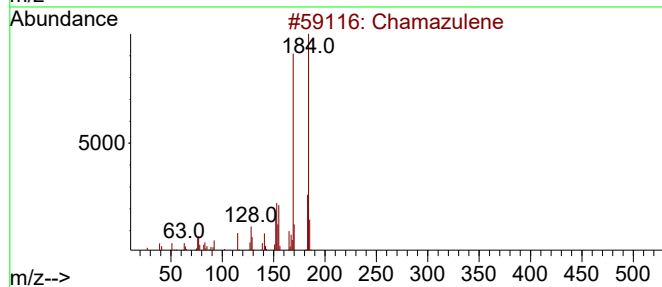
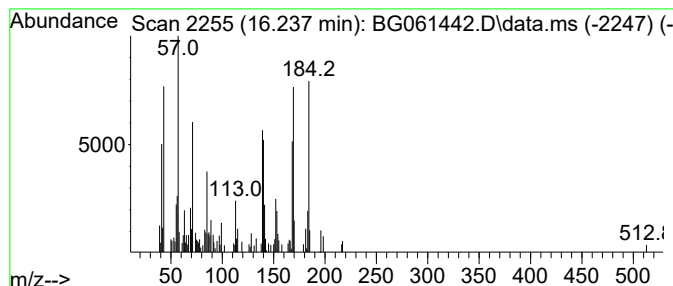
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Chamazulene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.237	4.01 ng/ul	137374	Phenanthrene-d10	17.265

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Chamazulene	184	C14H16	000529-05-5	60
2			1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	55
3			3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	55
4			Chamazulene	184	C14H16	000529-05-5	53
5			4-Dimethylamino-3-dimethylaminom...	184	C9H16N2O2	1000427-46-3	49



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Sample : P2577-08
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ClientSampleId :
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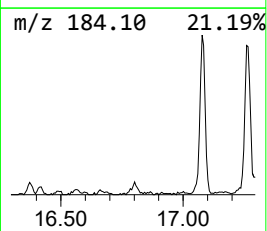
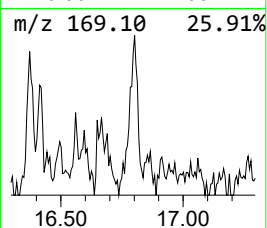
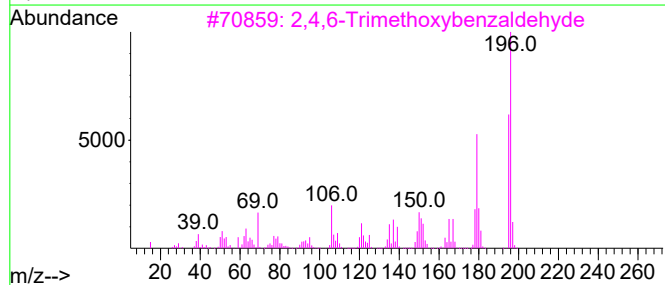
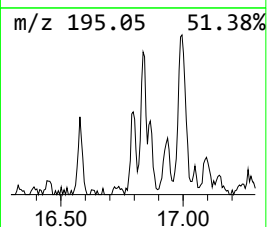
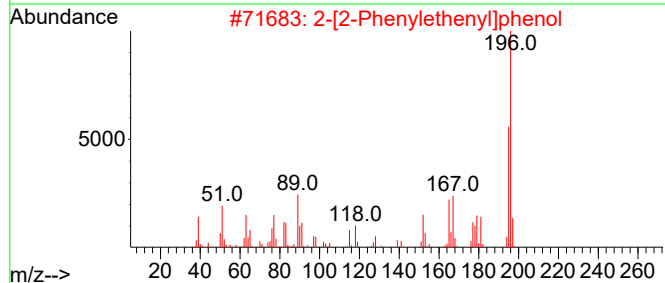
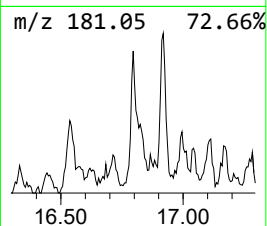
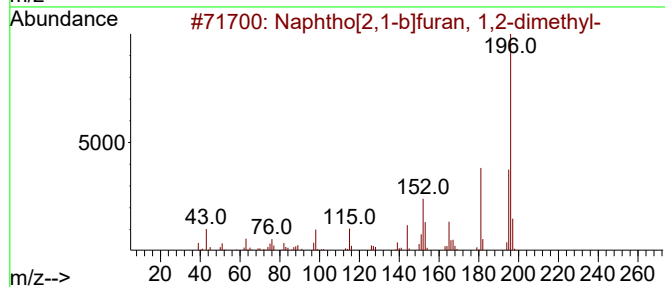
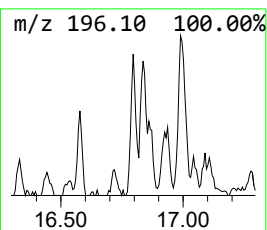
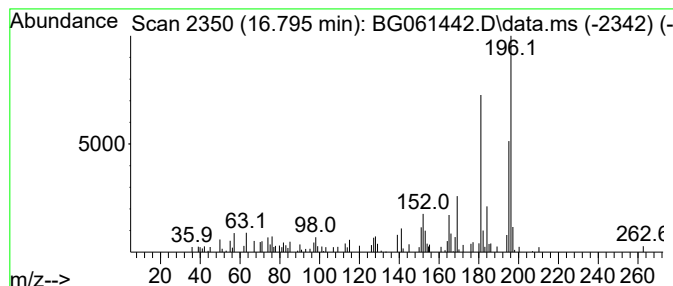
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.795	2.52 ng/ul	86344	Phenanthrene-d10	17.265

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	59
2			2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
3			2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	49
4			Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	49
5			Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	47



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Sample : P2577-08
Misc :
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ClientSampleId :
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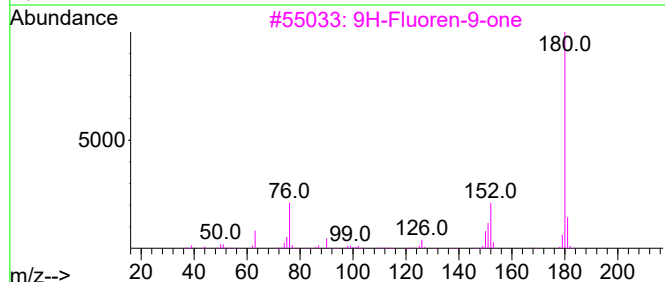
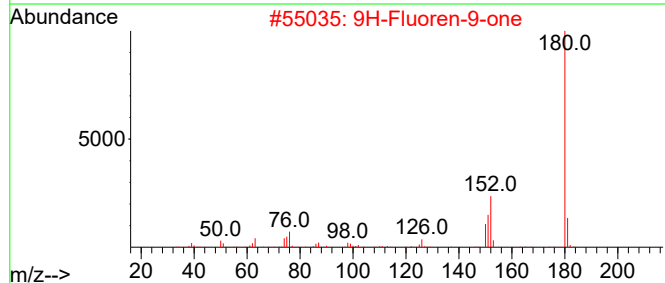
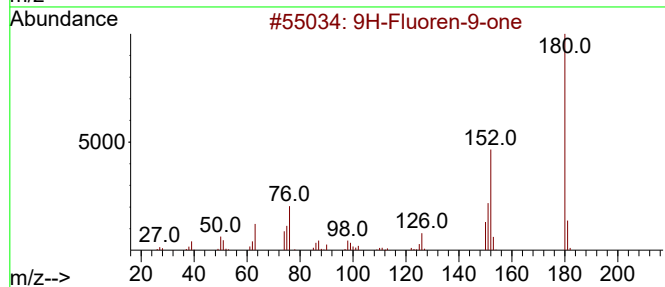
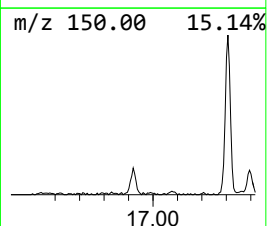
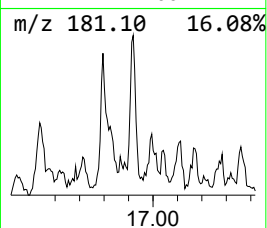
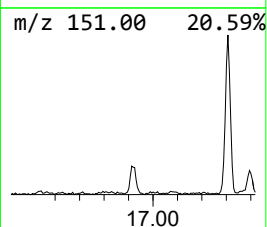
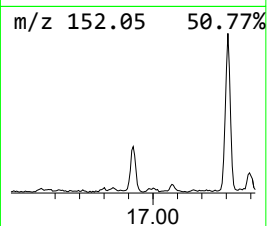
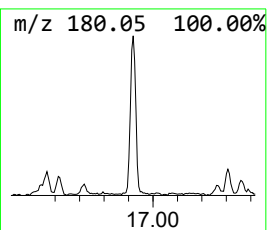
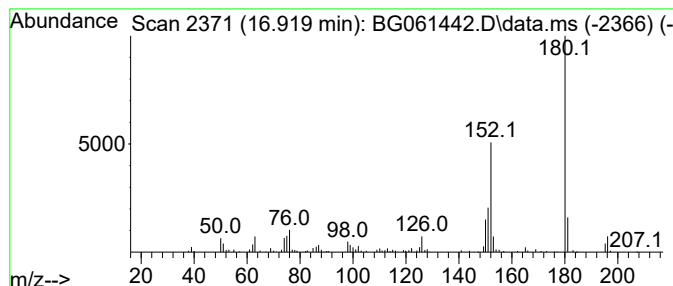
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.919	4.70 ng/ul	161258	Phenanthrene-d10	17.265

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2			9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
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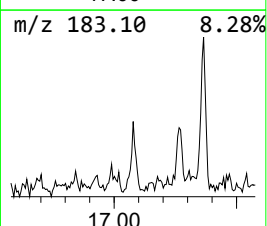
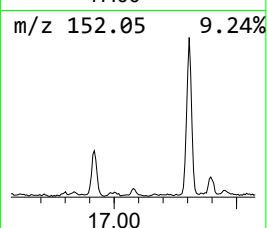
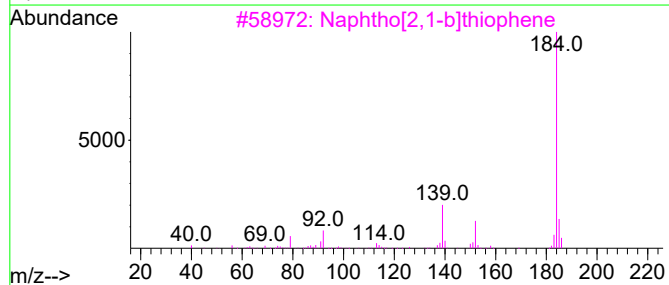
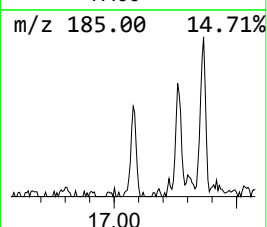
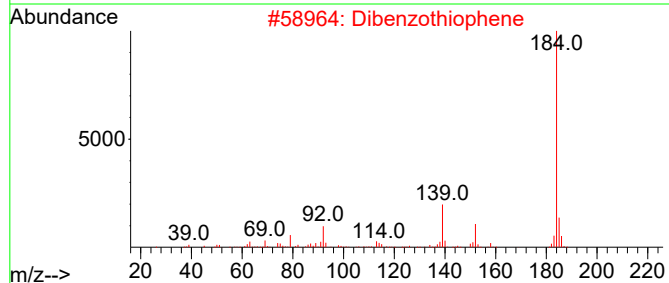
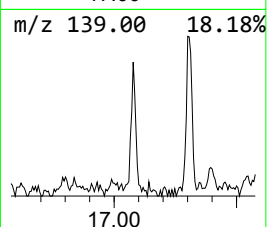
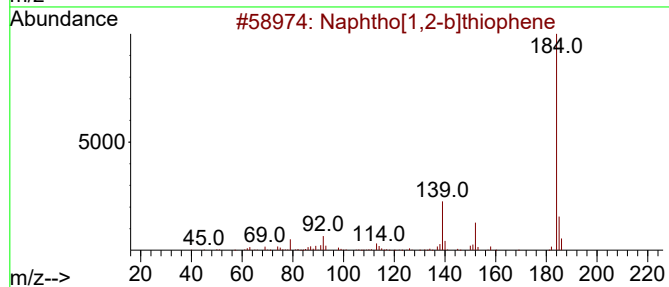
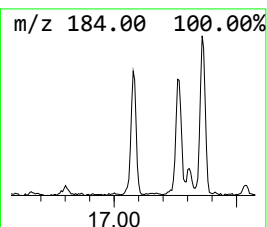
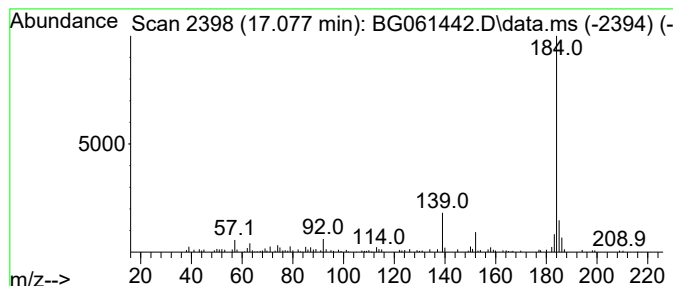
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphtho[1,2-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.077	3.90 ng/ul	133825	Phenanthrene-d10	17.265

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
2			Dibenzothiophene	184	C12H8S	000132-65-0	91
3			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
4			Dibenzothiophene	184	C12H8S	000132-65-0	91
5			Dibenzothiophene	184	C12H8S	000132-65-0	91



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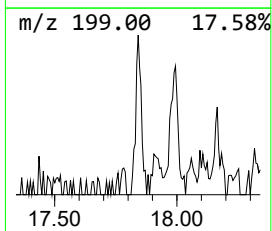
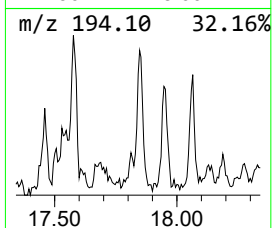
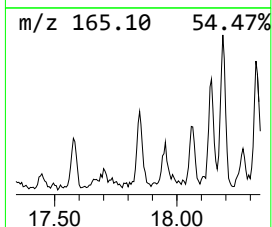
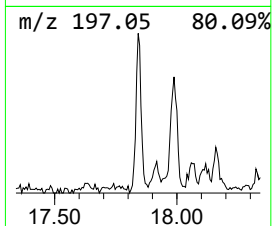
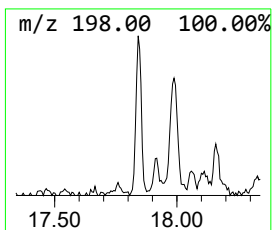
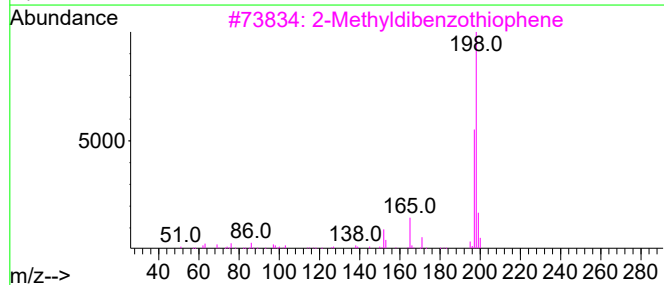
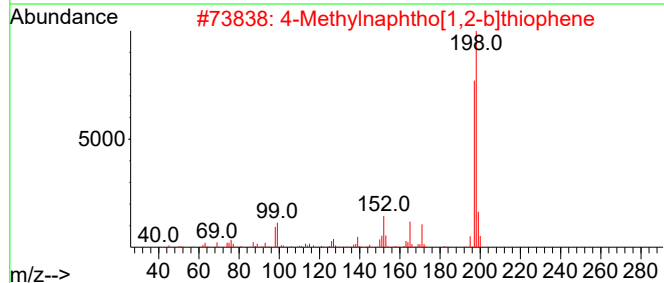
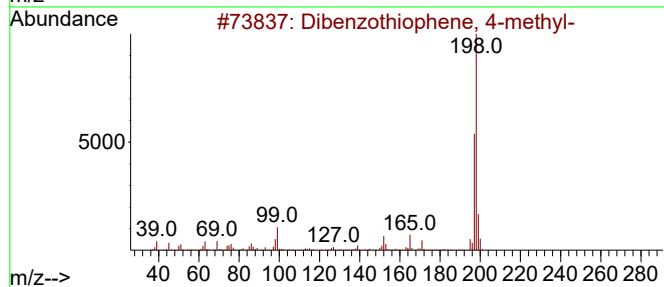
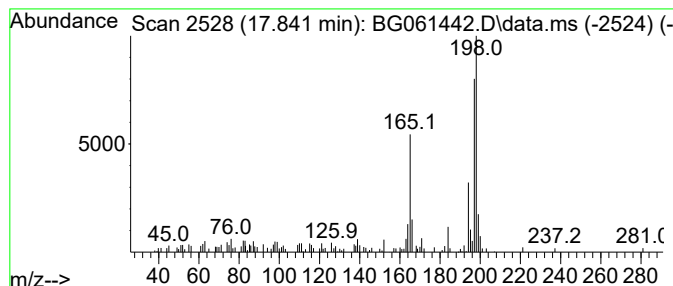
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dibenzothiophene, 4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.841	2.97 ng/ul	101852	Phenanthrene-d10	17.265

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64
2			4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	58
3			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	58
4			Tacrine	198	C13H14N2	000321-64-2	52
5			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
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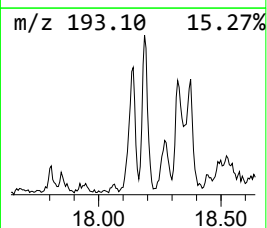
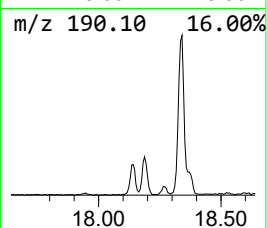
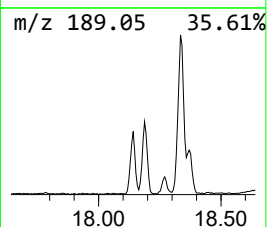
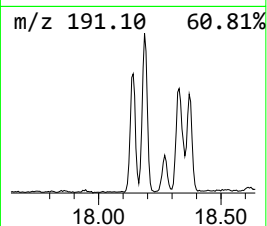
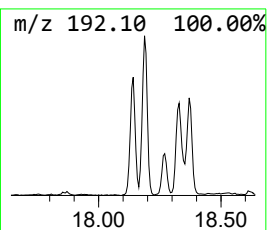
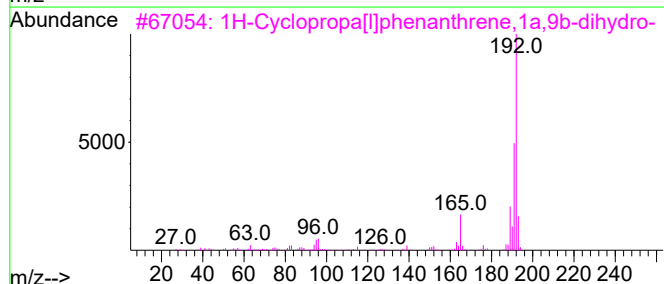
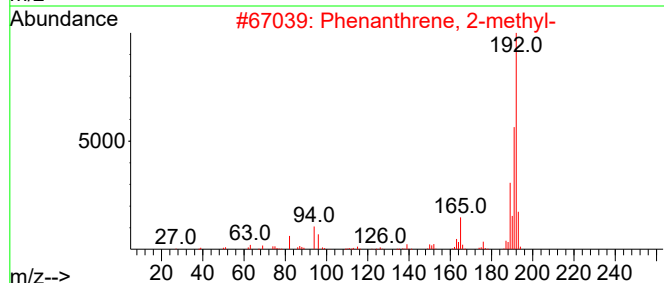
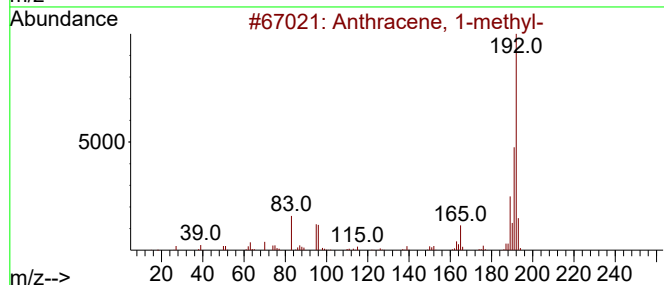
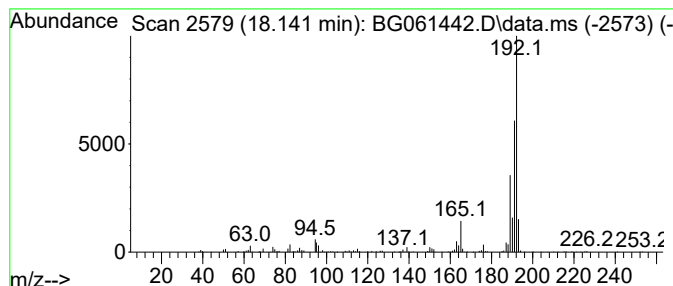
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.141	11.45 ng/ul	392822	Phenanthrene-d10	17.265

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
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Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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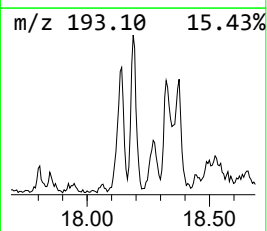
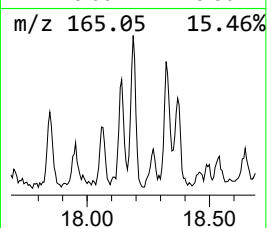
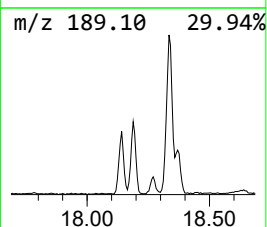
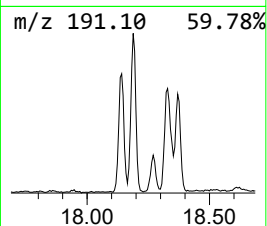
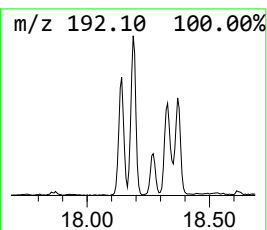
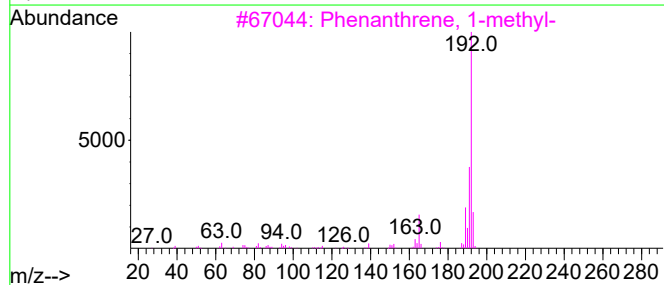
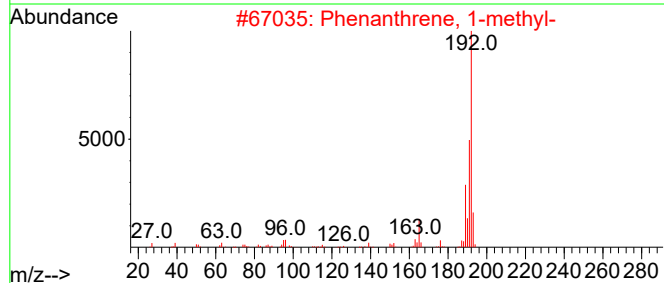
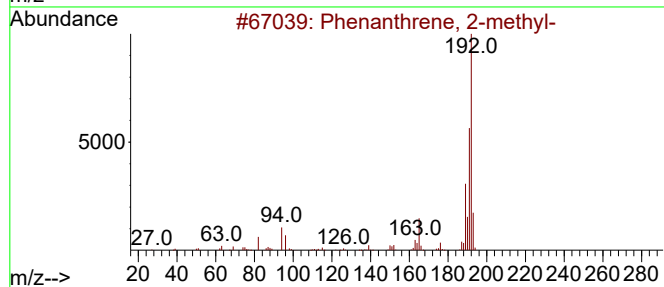
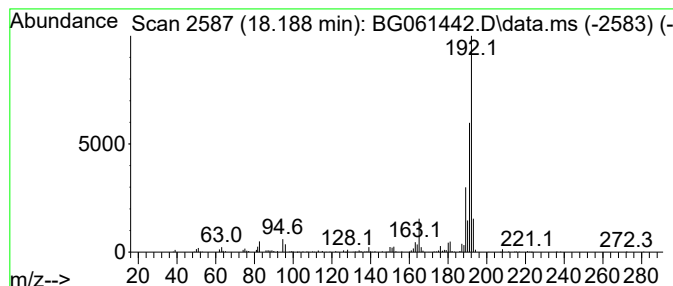
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.188	14.64 ng/ul	502067	Phenanthrene-d10	17.265

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6

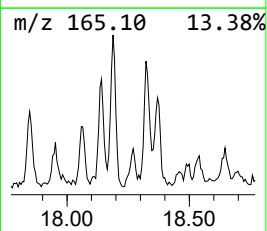
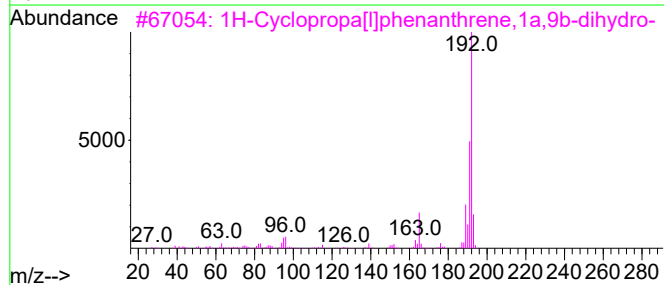
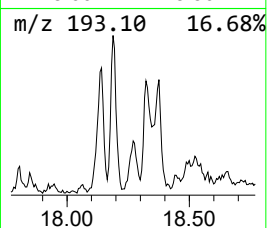
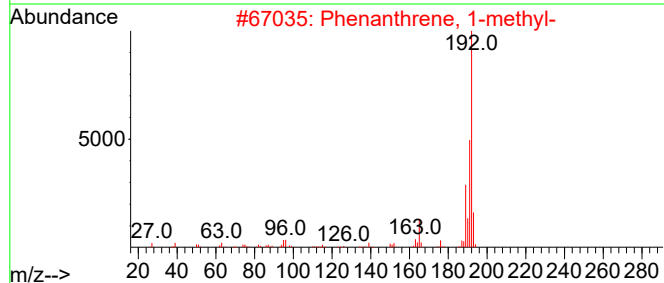
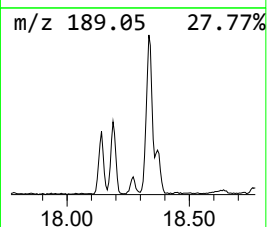
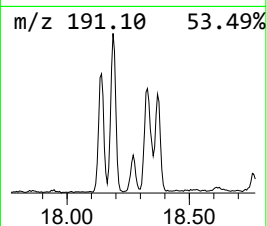
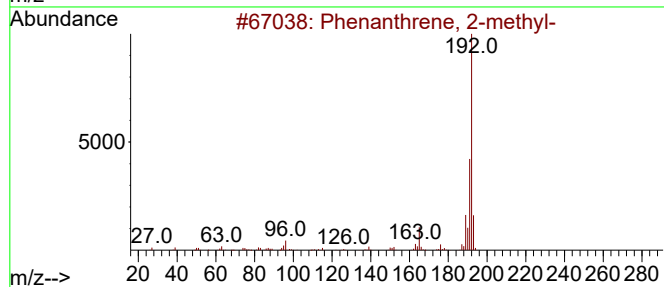
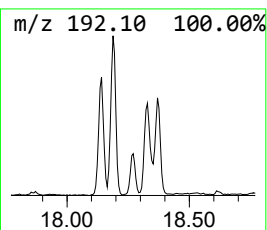
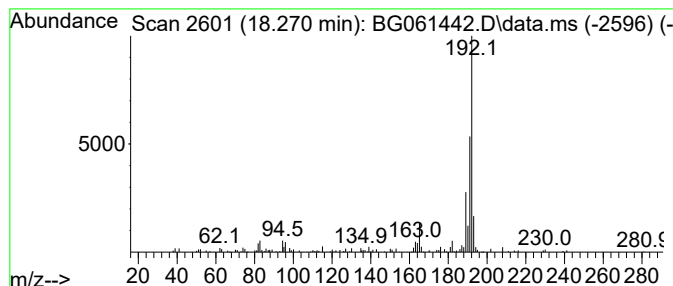
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.270	3.03 ng/ul	104085	Phenanthrene-d10	17.265

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

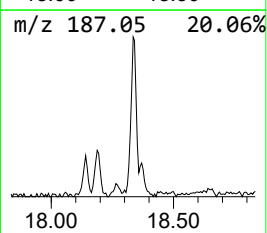
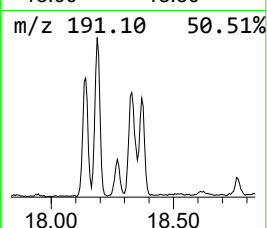
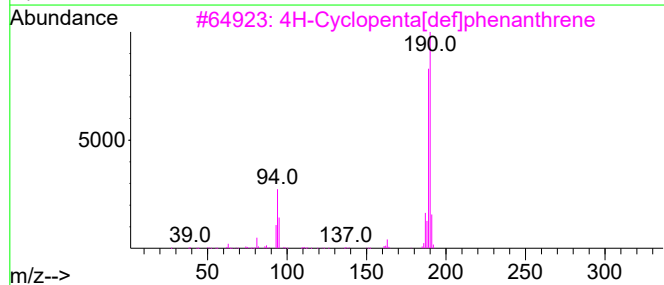
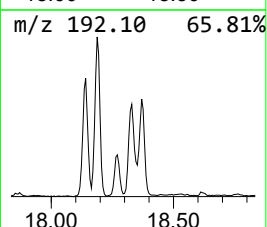
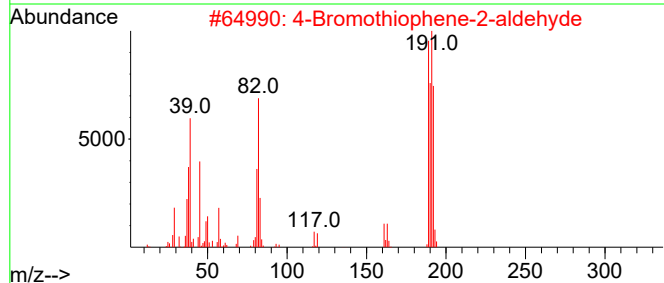
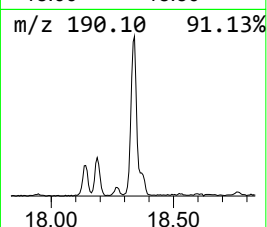
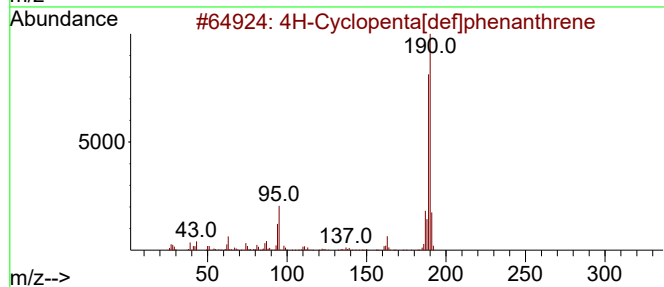
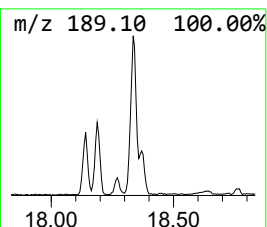
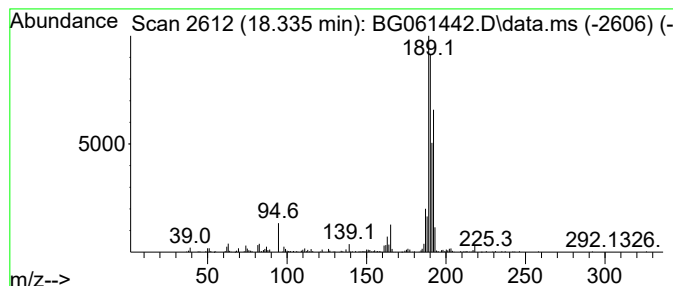
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.335	16.00 ng/ul	548834	Phenanthrene-d10			17.265
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	64
2	4-Bromothiophene-2-aldehyde		190	C5H3BrOS	018791-75-8	58
3	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	58
4	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	30
5	5H-Dibenzo[a,d]cycloheptene		192	C15H12	000256-81-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

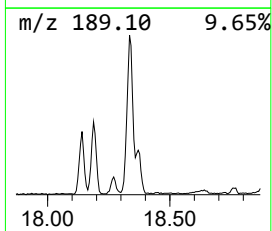
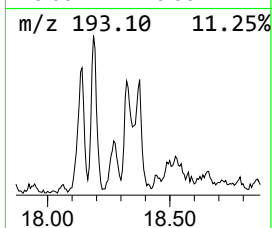
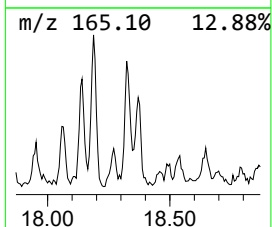
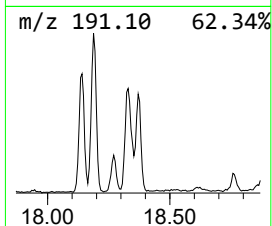
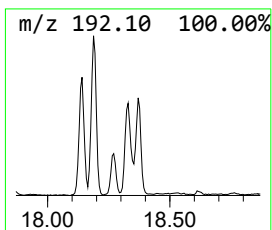
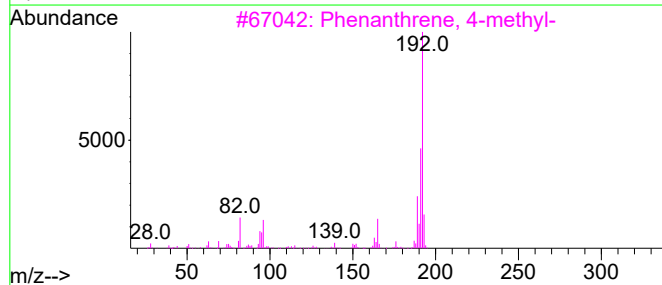
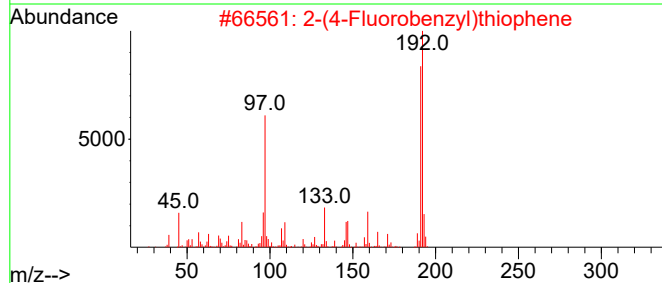
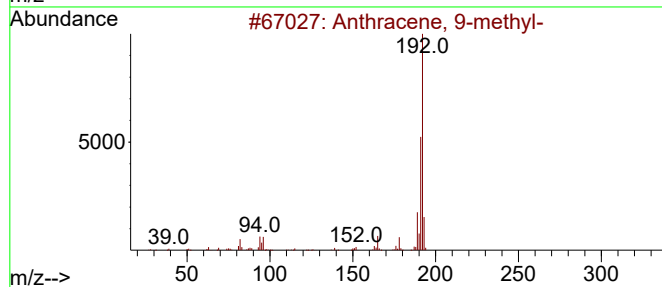
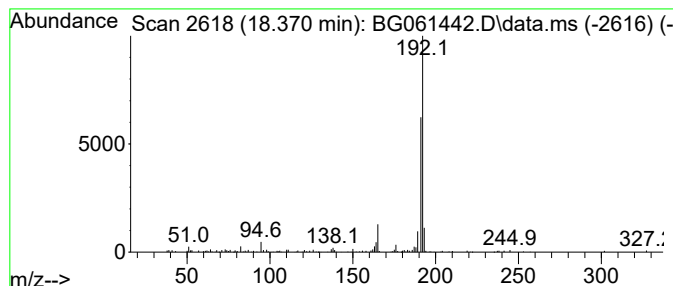
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.370	6.34 ng/ul	217506	Phenanthrene-d10	17.265	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
2	2-(4-Fluorobenzyl)thiophene	192	C11H9FS	063877-96-3	72
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	72
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
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Sample : P2577-08
Misc :
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Instrument :
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ClientSampleId :
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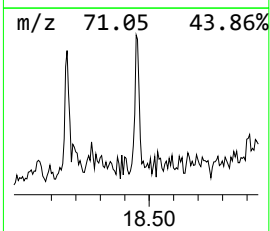
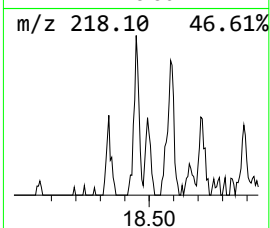
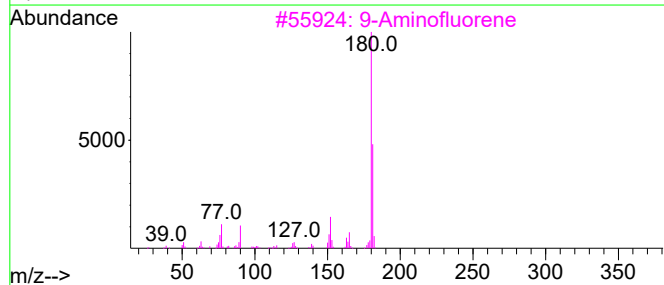
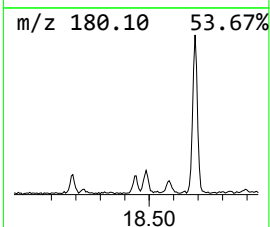
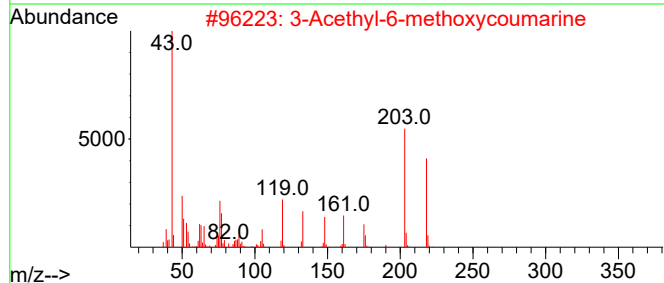
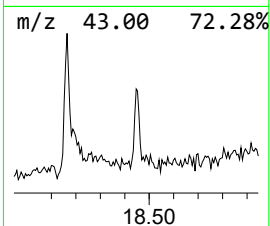
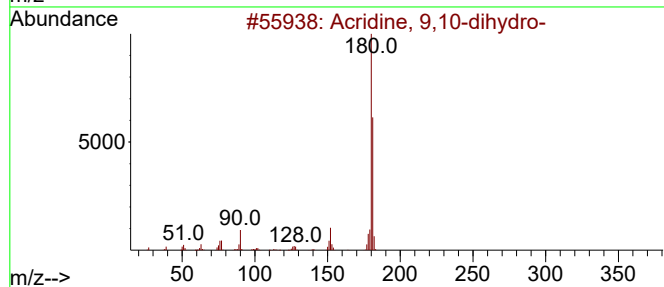
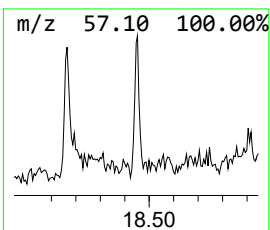
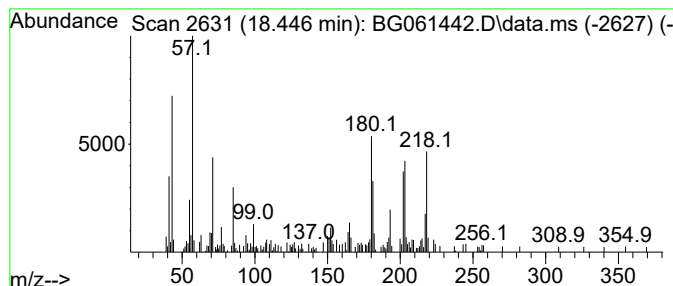
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-01

Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.446	2.54 ng/ul	87088	Phenanthrene-d10	17.265	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine, 9,10-dihydro-	181	C13H11N	000092-81-9	25
2	3-Acethyl-6-methoxycoumarine	218	C12H10O4	013252-80-7	14
3	9-Aminofluorene	181	C13H11N	000525-03-1	11
4	1-Aminofluorene	181	C13H11N	006344-63-4	11
5	4-(2-Phenylvinyl)pyridine, trans-	181	C13H11N	005097-93-8	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
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Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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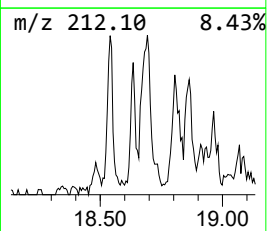
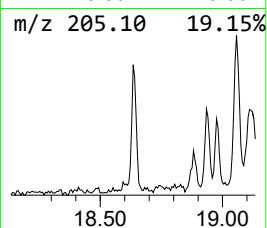
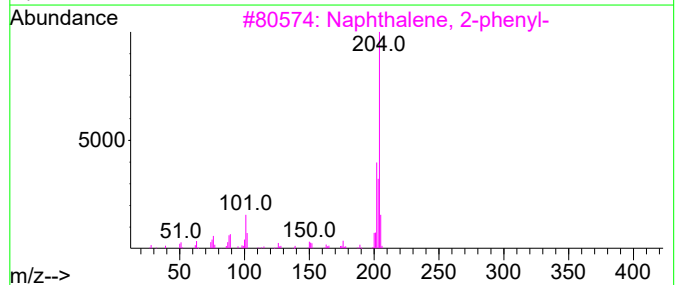
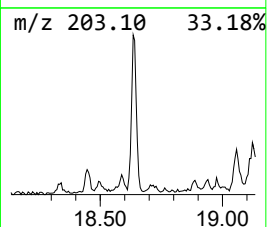
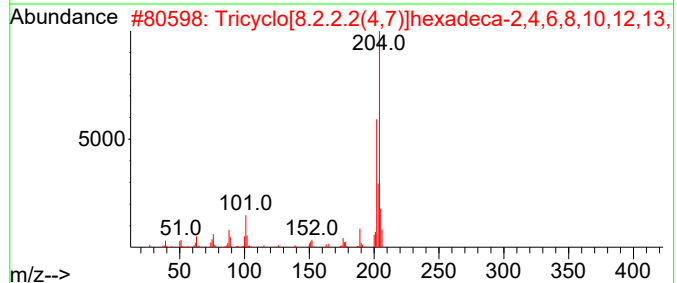
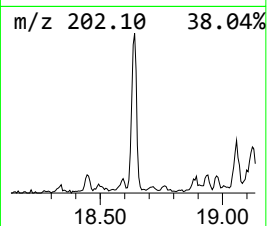
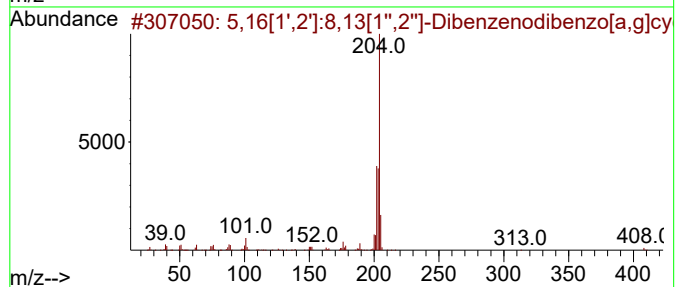
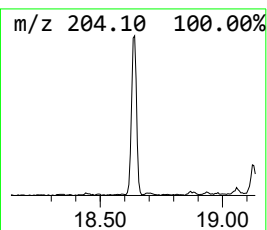
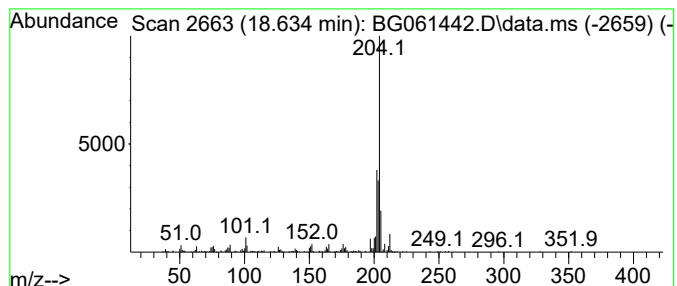
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.634	7.09 ng/ul	243255	Phenanthrene-d10	17.265

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80		
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76		
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 : BG061442.D
Acq On : 4 Jun 2024 4:27
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Sample : P2577-08
Misc :
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ClientSampleId :
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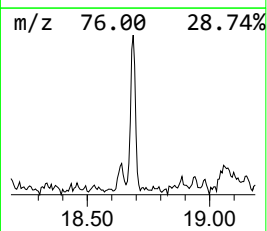
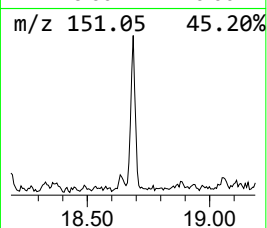
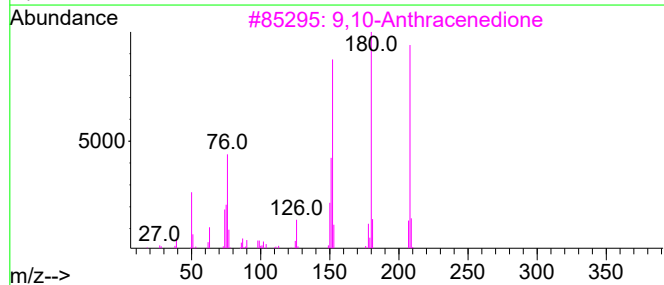
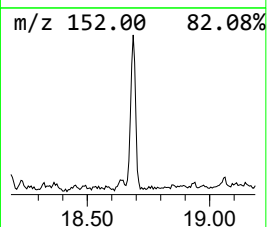
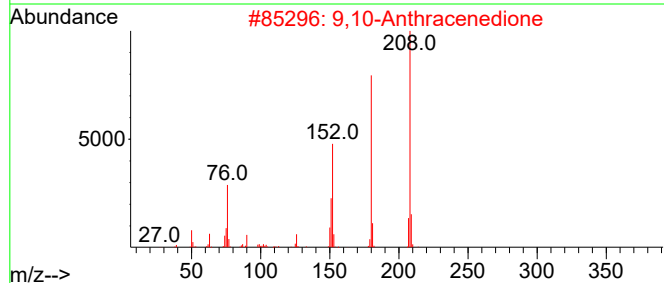
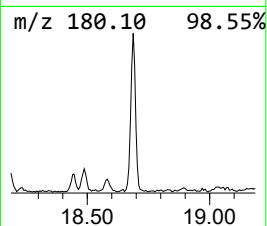
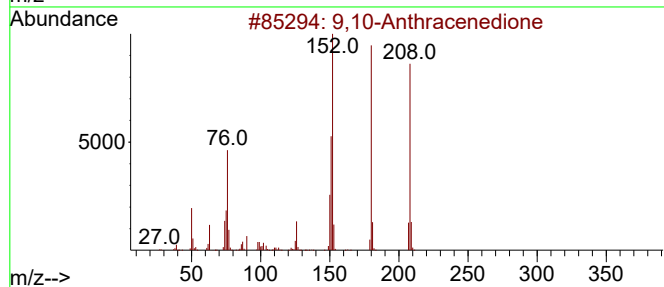
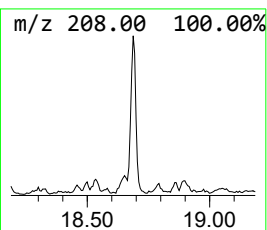
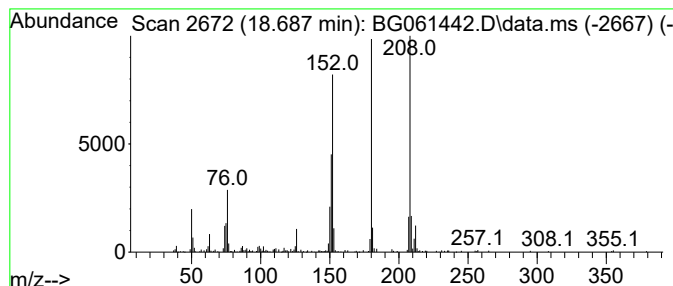
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.687	8.47 ng/ul	290413	Phenanthrene-d10	17.265

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	95
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	91
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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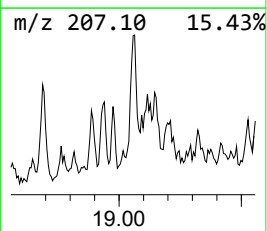
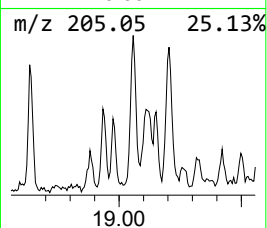
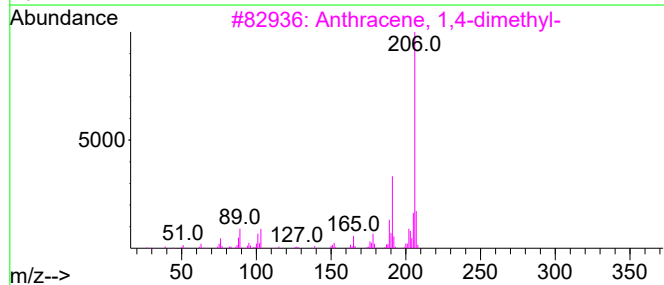
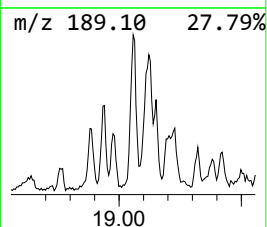
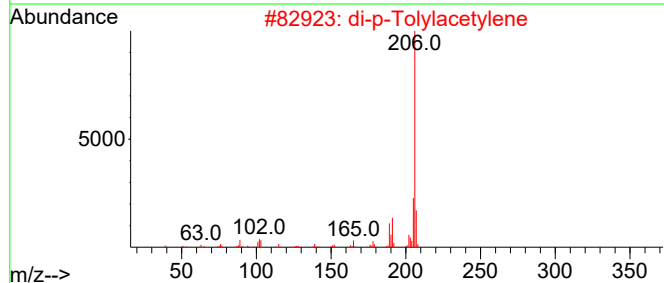
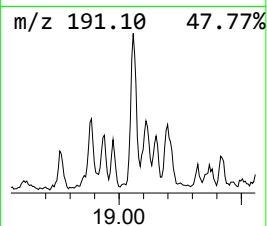
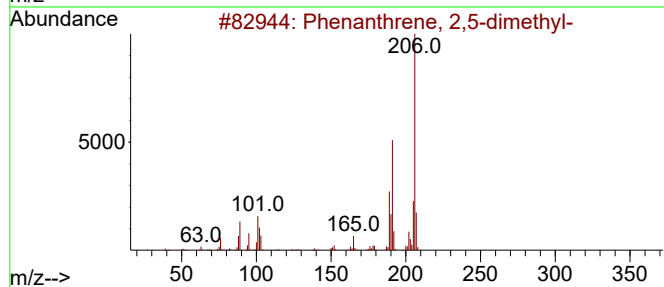
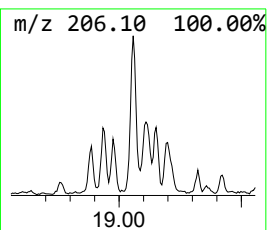
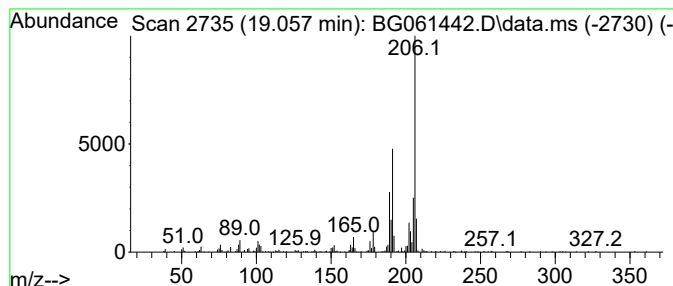
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	8.76 ng/ul	300453	Phenanthrene-d10	17.265

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
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			9,10-Dimethylantracene	206	C16H14	000781-43-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

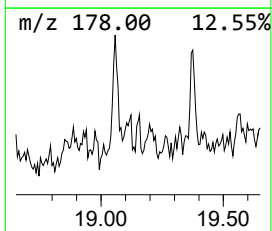
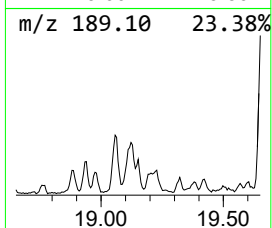
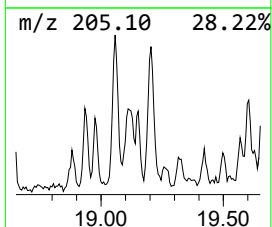
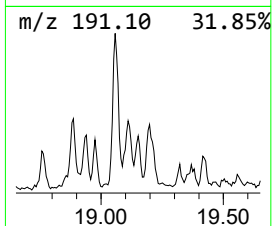
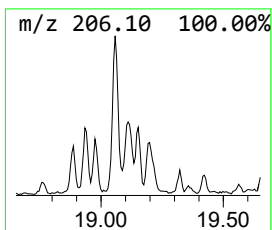
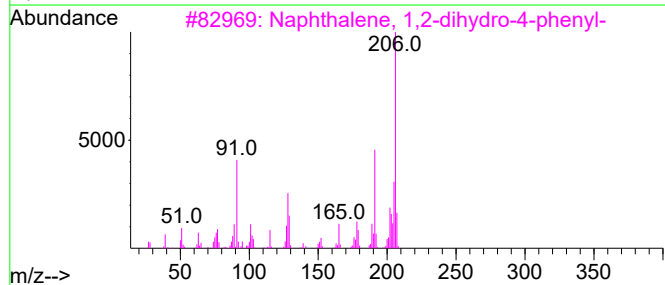
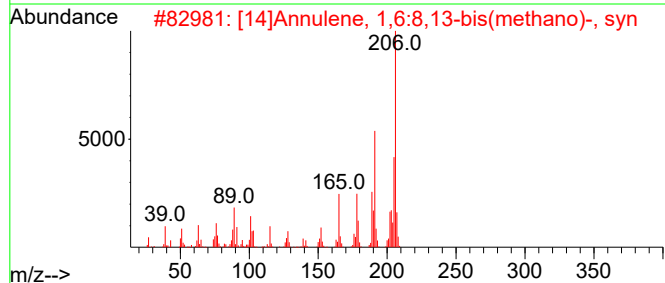
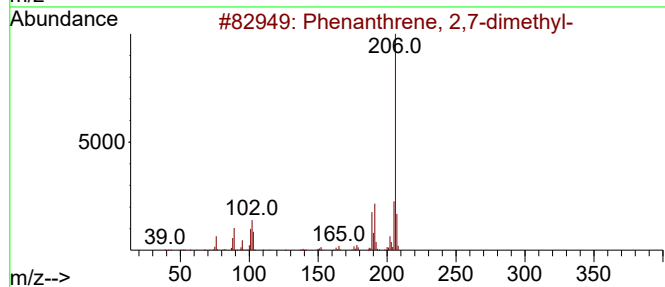
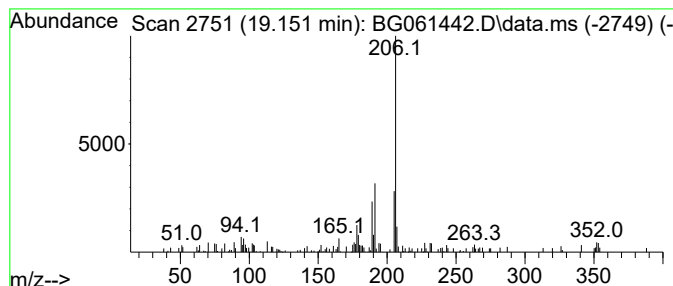
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Phenanthrene, 2,7-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD			R.T.
19.151	2.03 ng/ul	69595	Phenanthrene-d10			17.265
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-		206	C16H14	001576-69-8	64
2	[14]Annulene, 1,6:8,13-bis(metha...		206	C16H14	085385-68-8	64
3	Naphthalene, 1,2-dihydro-4-phenyl-		206	C16H14	007469-40-1	59
4	3,4-Dimethylphenanthrene		206	C16H14	1000452-24-5	59
5	9,10-Dimethylanthracene		206	C16H14	000781-43-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

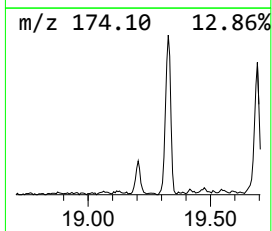
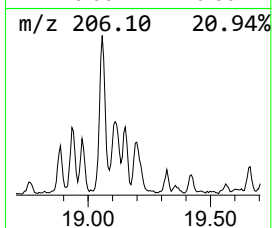
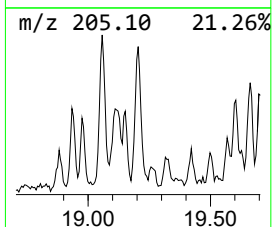
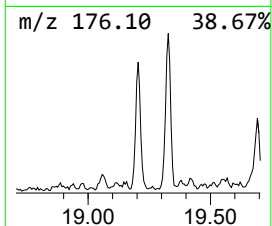
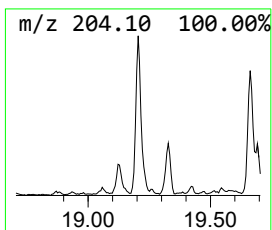
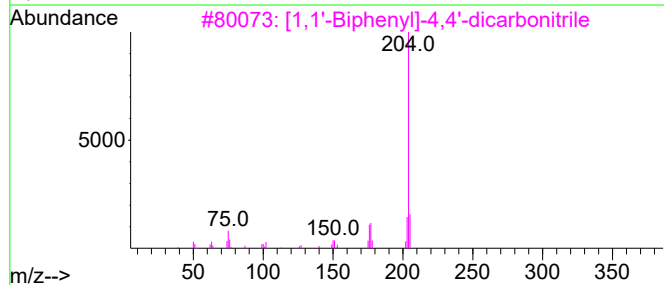
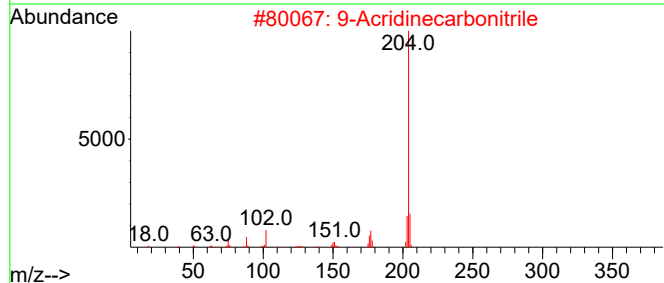
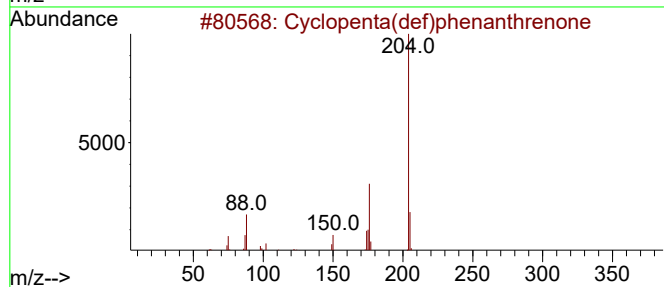
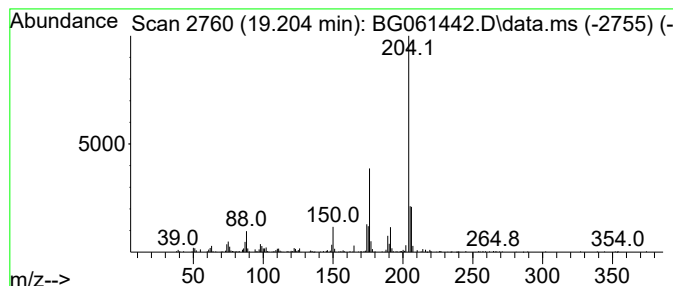
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Cyclopenta(def)phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
19.204	10.32 ng/ul	354074	Phenanthrene-d10			17.265
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	81
2	9-Acridinecarbonitrile		204	C14H8N2	005326-19-2	47
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile		204	C14H8N2	001591-30-6	37
4	(2R,3S,4S,5R,6R)-2-(Hydroxymethy...		538	C23H54O6Si4	1000513-21-0	37
5	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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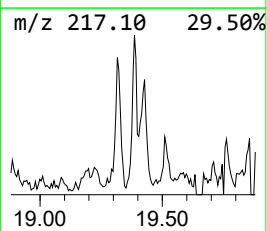
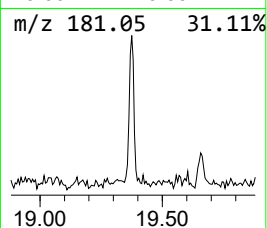
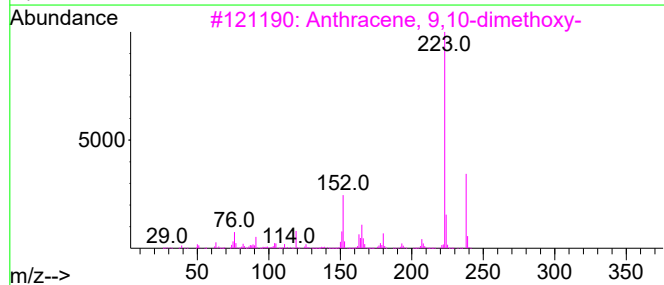
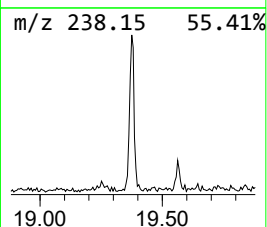
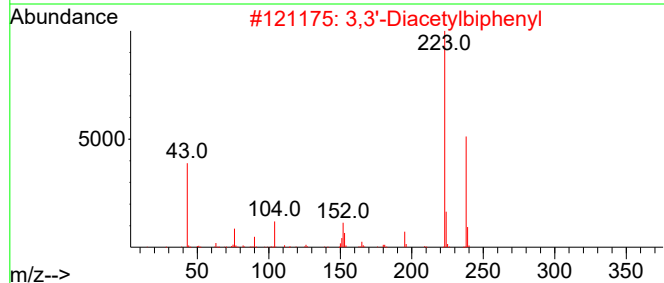
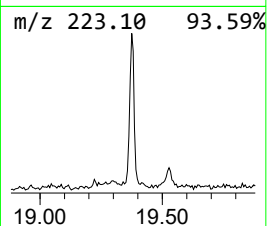
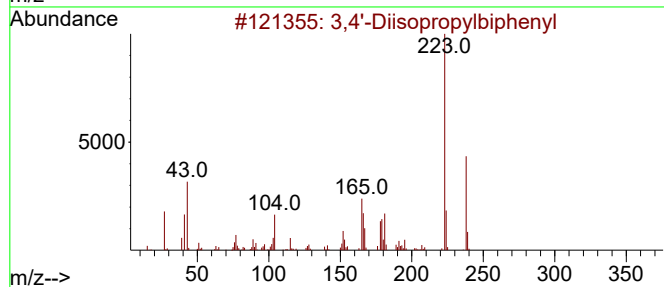
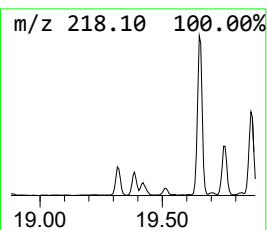
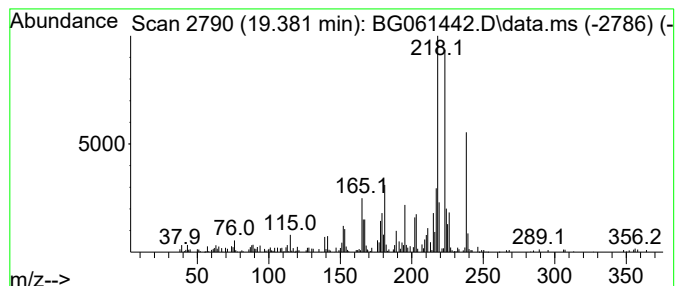
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 3,4'-Diisopropylbiphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.381	5.27 ng/ul	180762	Phenanthrene-d10	17.265

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	64
2			3,3'-Diacetylbiiphenyl	238	C16H14O2	094113-07-2	46
3			Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	42
4			10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	41
5			4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
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Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

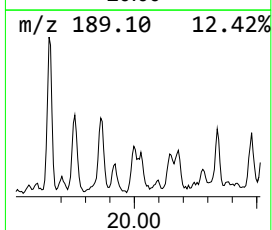
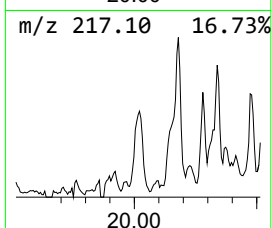
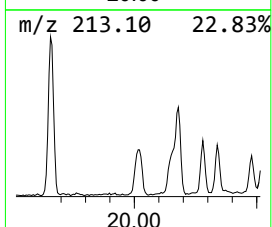
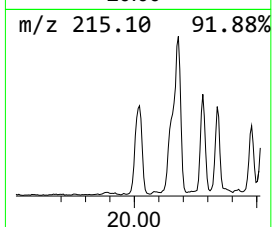
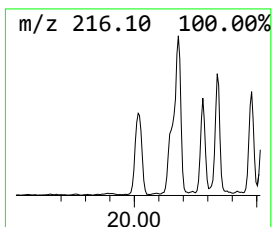
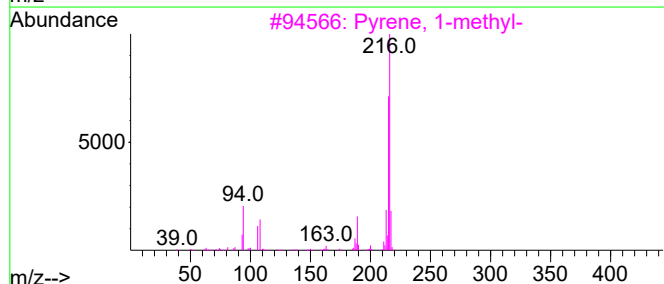
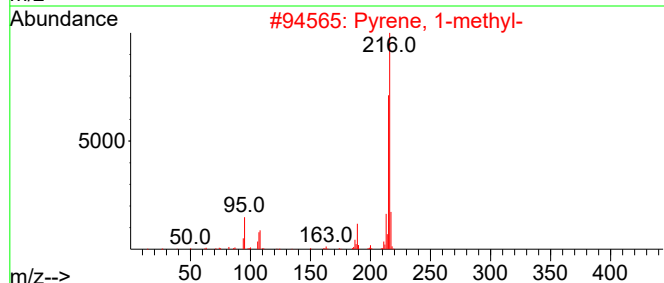
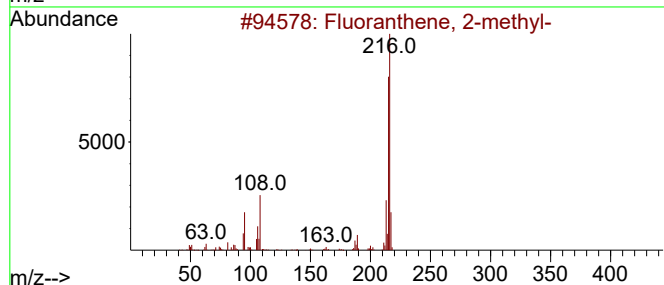
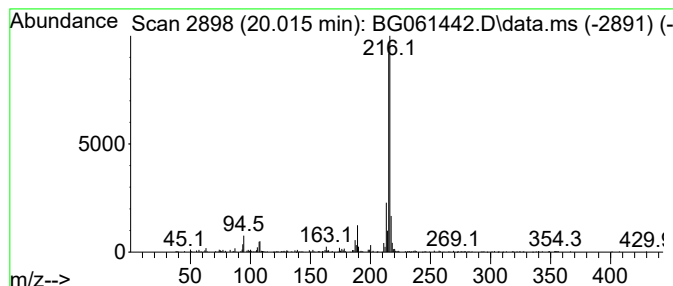
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.015	4.10 ng/ul	613214	Chrysene-d12		21.525	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-		216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-		216	C17H12	002381-21-7	91
4	Pyrene, 1-methyl-		216	C17H12	002381-21-7	89
5	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
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Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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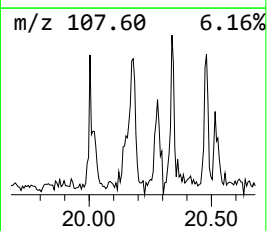
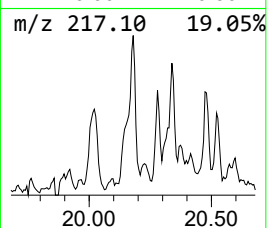
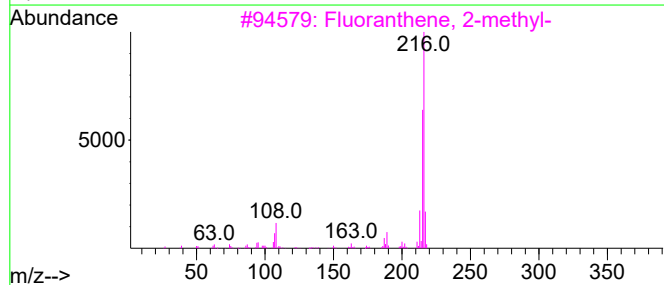
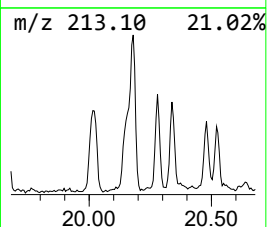
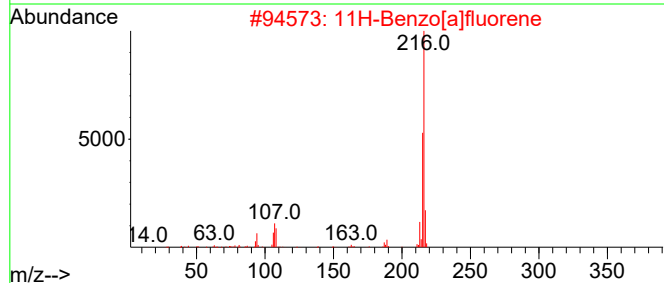
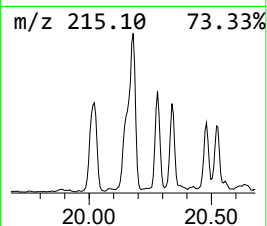
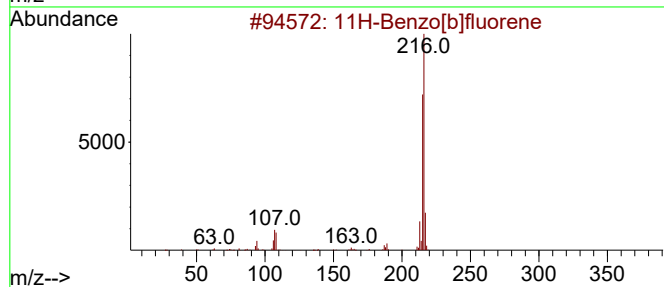
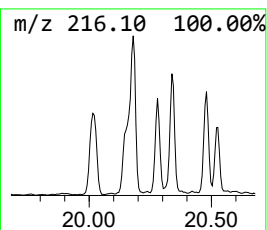
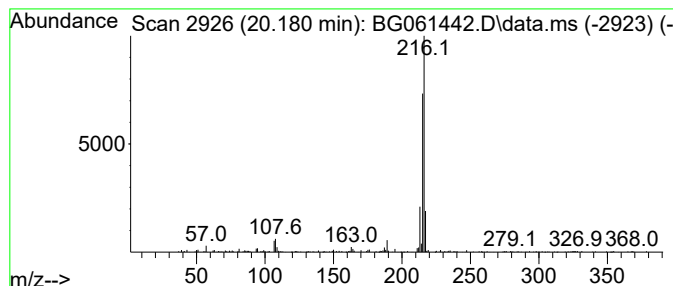
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	3.51 ng/ul	524640	Chrysene-d12	21.525

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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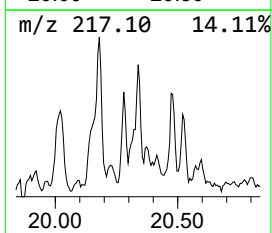
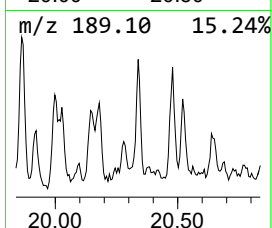
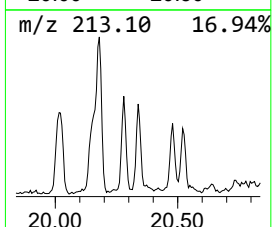
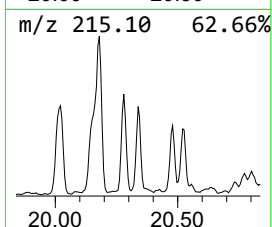
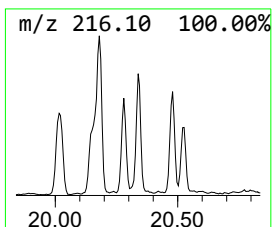
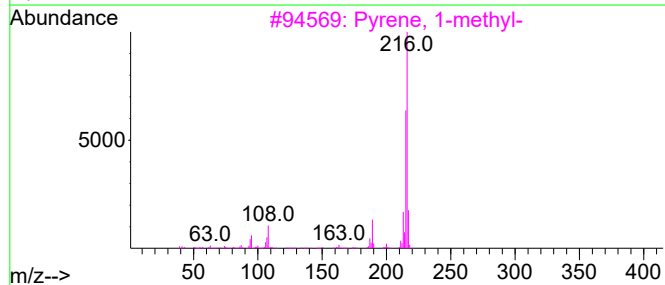
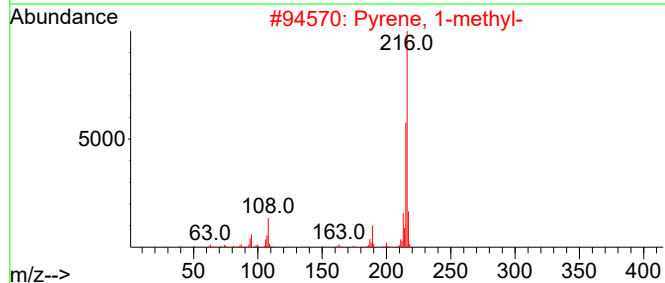
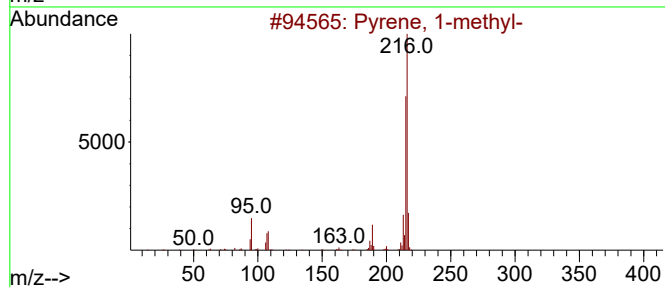
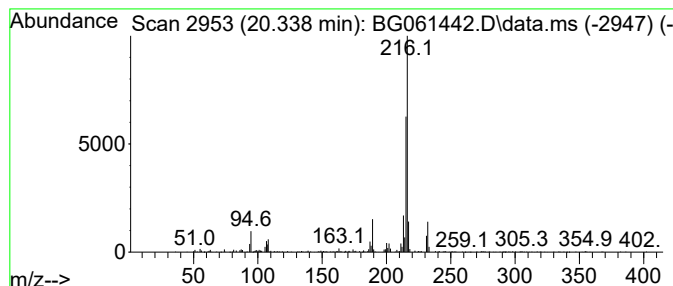
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.338	3.21 ng/ul	480202	Chrysene-d12	21.525

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBNG

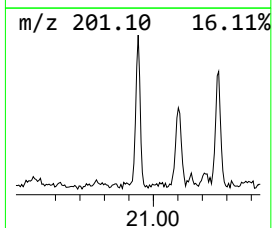
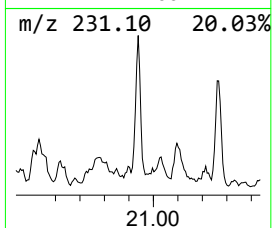
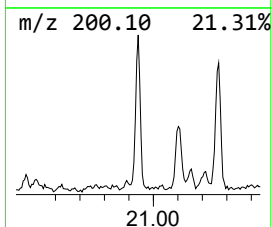
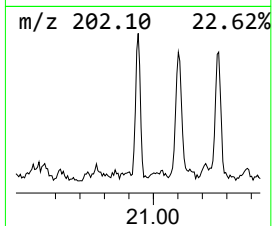
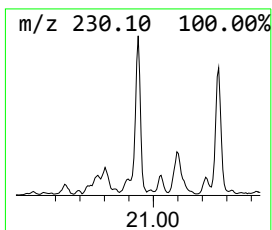
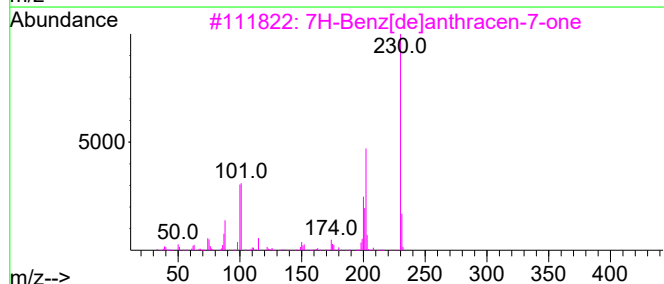
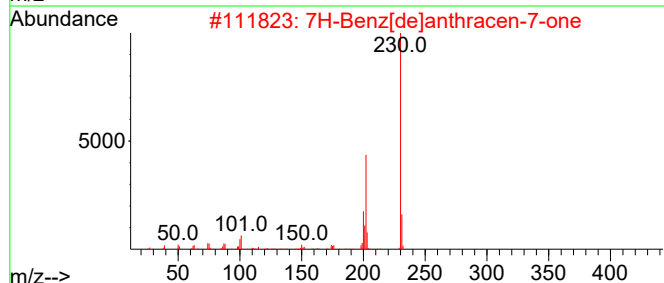
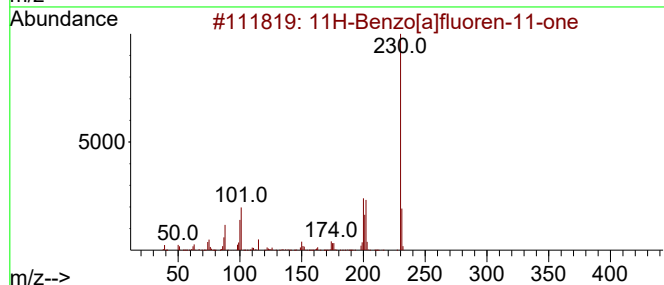
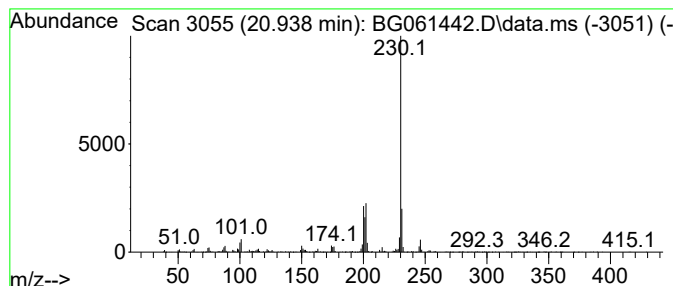
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.938	3.28 ng/ul	490513	Chrysene-d12	21.525

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6

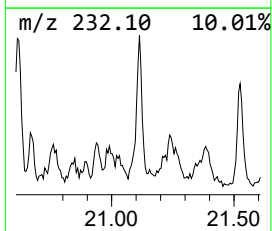
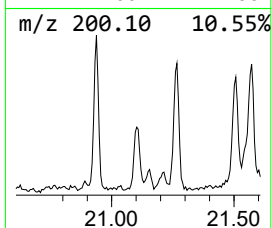
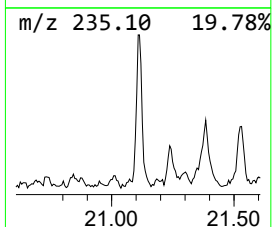
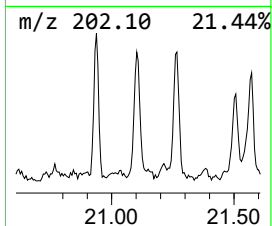
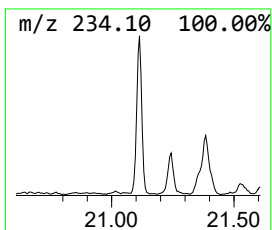
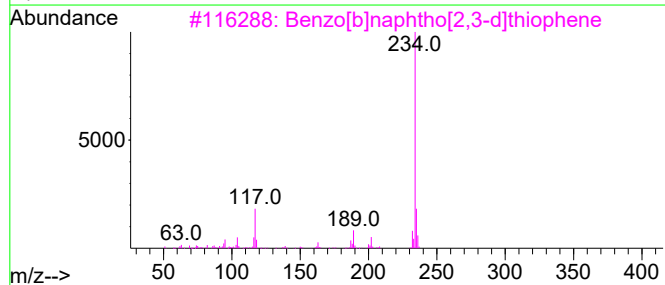
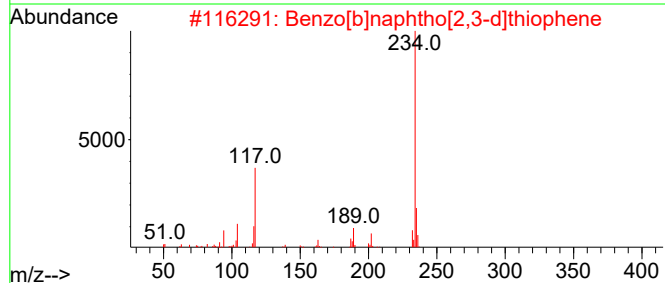
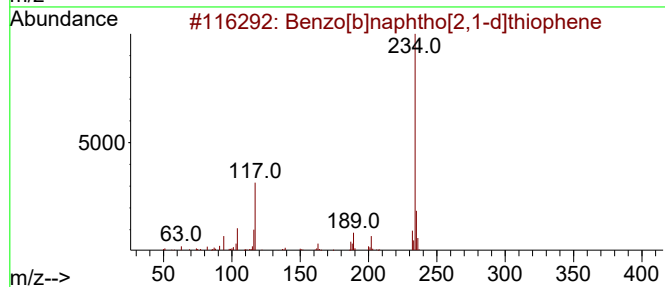
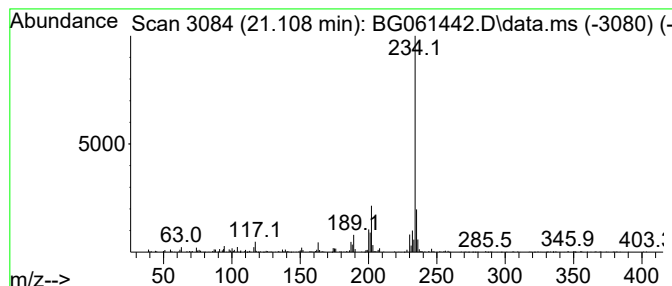
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.108	2.50 ng/ul	373014	Chrysene-d12	21.525

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	72
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

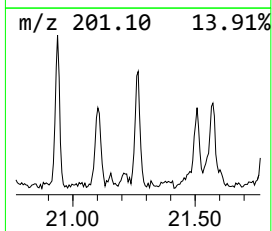
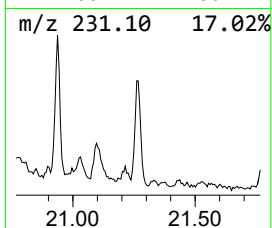
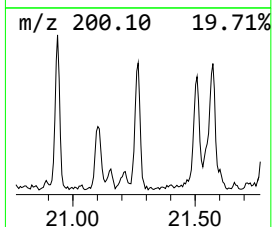
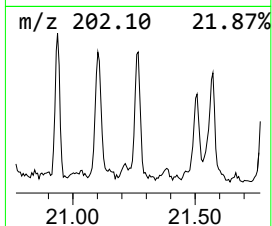
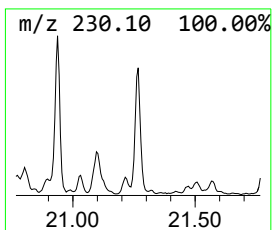
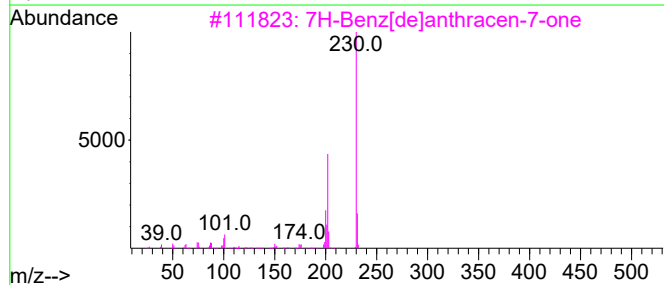
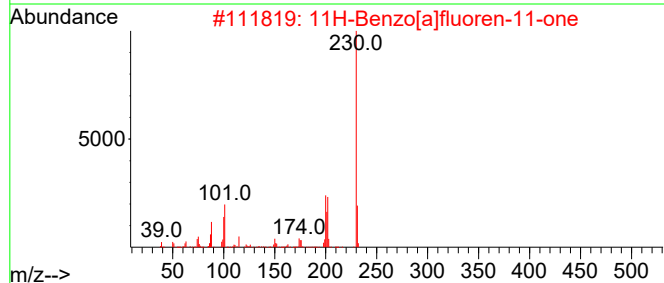
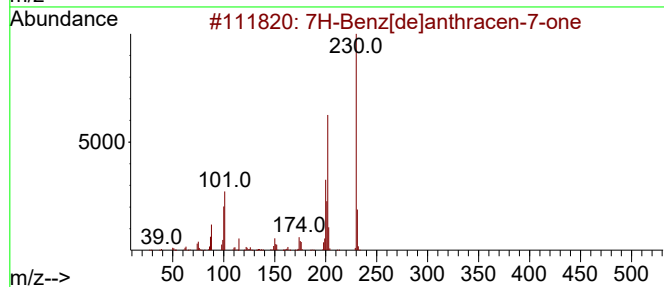
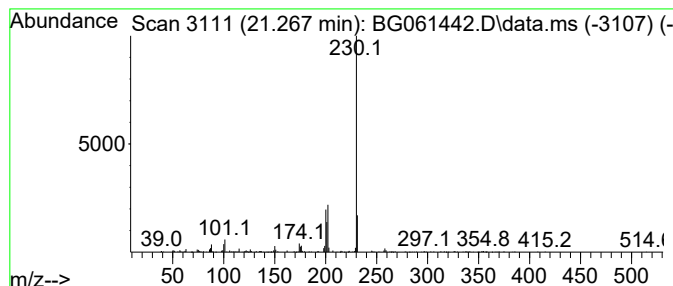
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 7H-Benz[de]anthracen-7-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.267	3.04 ng/ul	453779	Chrysene-d12		21.525	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one		230	C17H10O	000082-05-3	87
2	11H-Benzo[a]fluoren-11-one		230	C17H10O	000479-79-8	86
3	7H-Benz[de]anthracen-7-one		230	C17H10O	000082-05-3	81
4	4-Pyrenecarbaldehyde		230	C17H10O	022245-51-8	72
5	7H-Benz[de]anthracen-7-one		230	C17H10O	000082-05-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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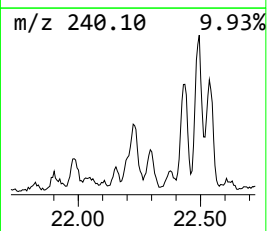
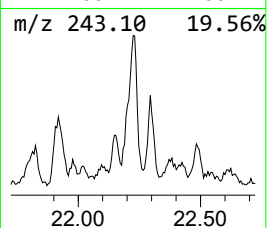
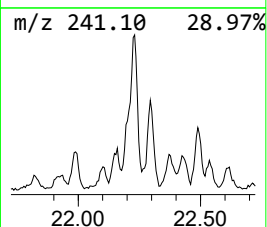
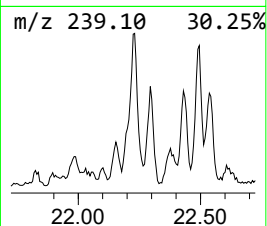
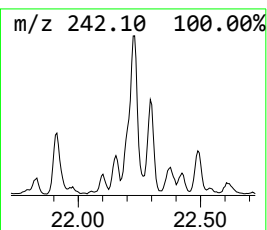
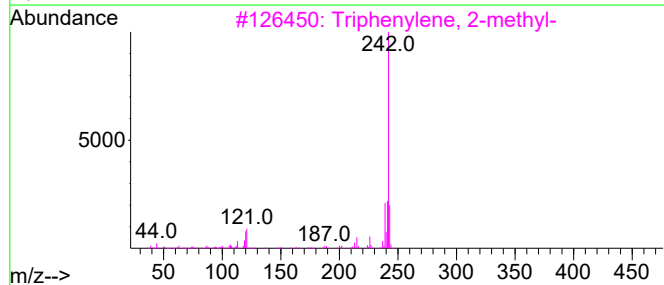
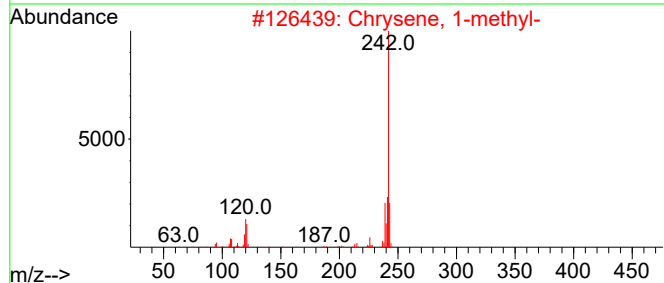
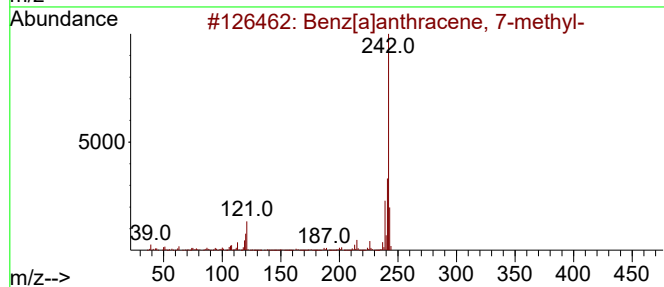
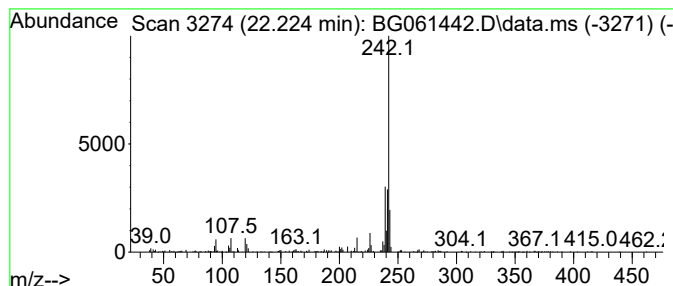
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Benz[a]anthracene, 7-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.224	2.97 ng/ul	443553	Chrysene-d12	21.525

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
2			Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
3			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
4			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	89
5			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

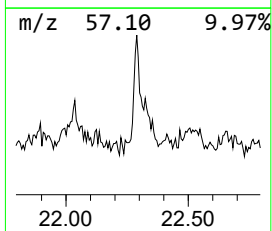
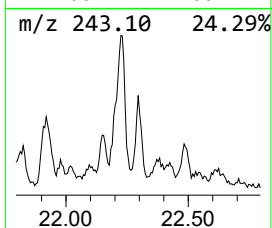
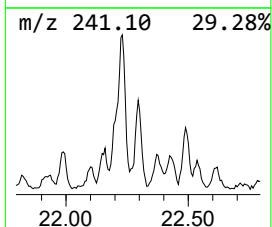
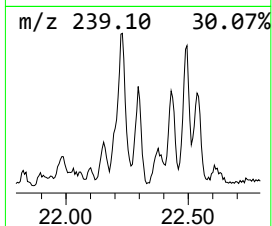
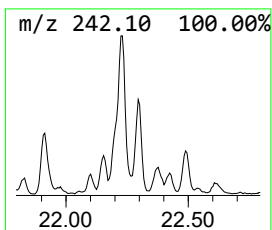
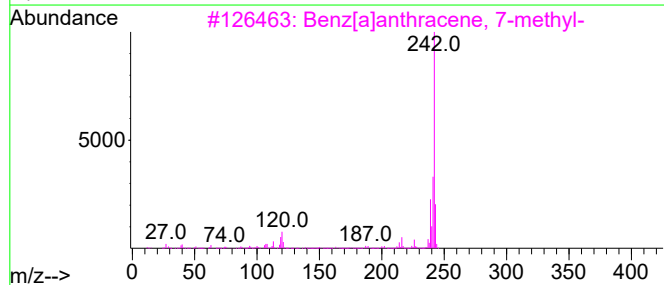
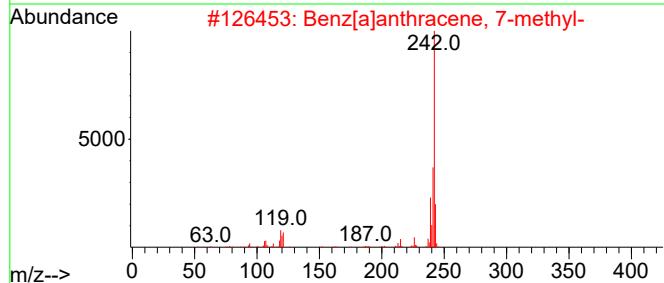
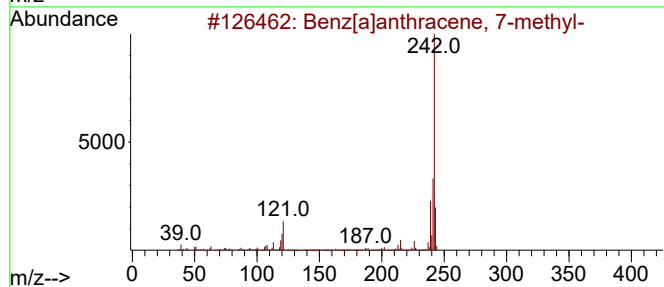
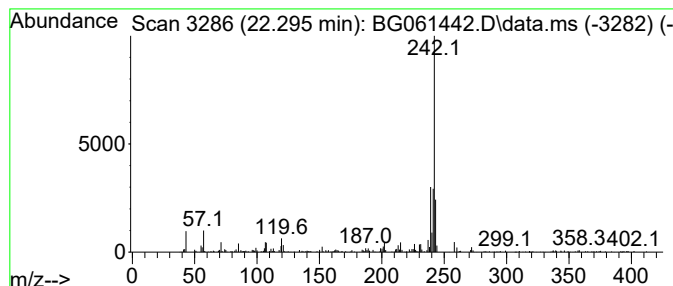
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 33 Benz[a]anthracene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD		R.T.	
22.295	2.51 ng/ul	375461	Chrysene-d12		21.525	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-		242	C19H14	002541-69-7	93
2	Benz[a]anthracene, 7-methyl-		242	C19H14	002541-69-7	89
3	Benz[a]anthracene, 7-methyl-		242	C19H14	002541-69-7	89
4	Benz[a]anthracene, 1-methyl-		242	C19H14	002498-77-3	86
5	Benz[a]anthracene, 8-methyl-		242	C19H14	002381-31-9	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
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Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

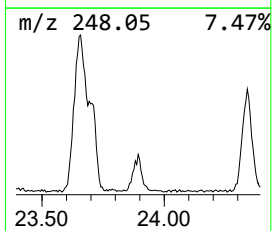
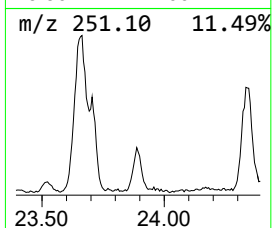
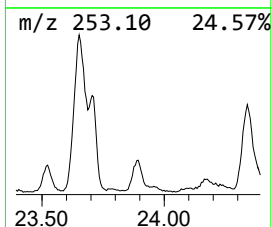
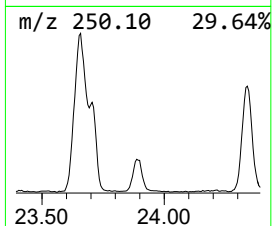
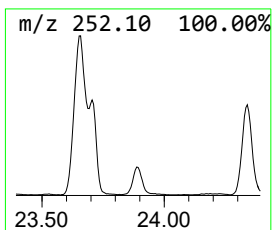
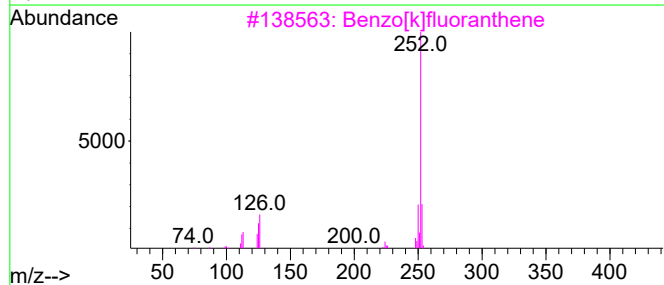
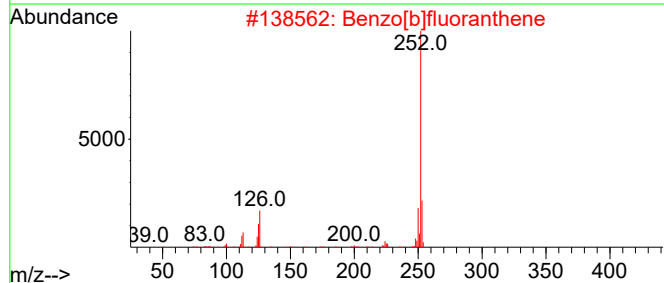
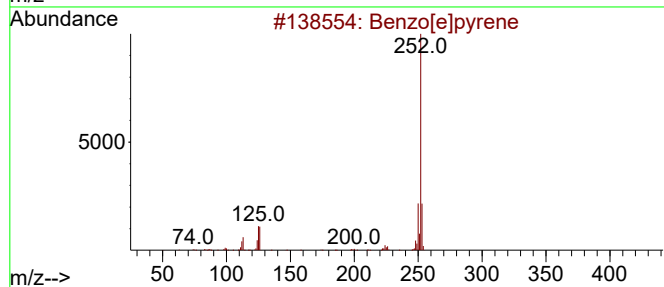
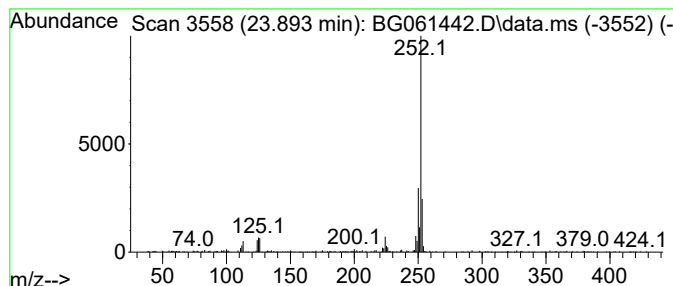
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 34 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
23.893	13.07 ng/ul	354937	Perylene-d12		24.622	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene		252	C20H12	000192-97-2	90
2	Benzo[b]fluoranthene		252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene		252	C20H12	000207-08-9	89
4	Benzo[a]pyrene		252	C20H12	000050-32-8	89
5	Benzo[b]fluoranthene		252	C20H12	000205-99-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

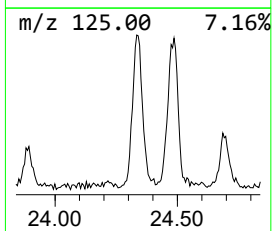
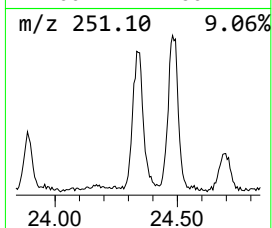
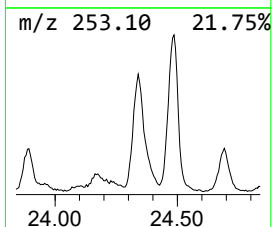
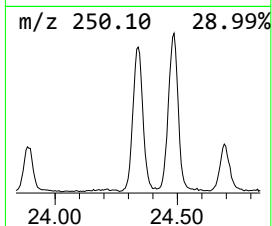
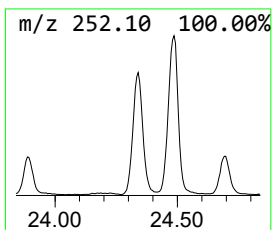
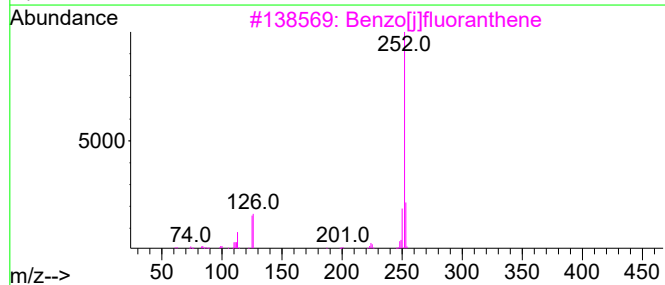
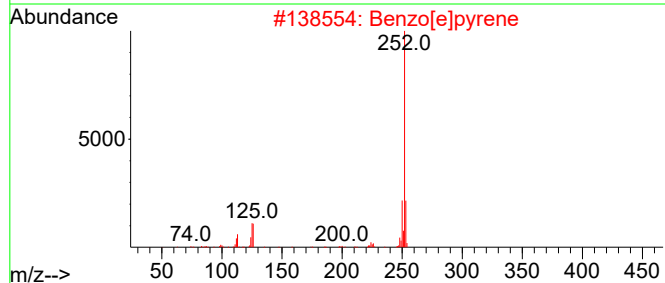
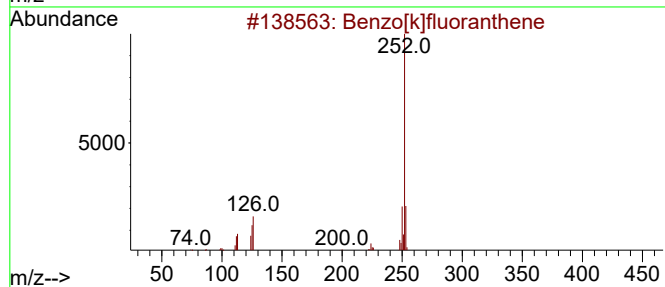
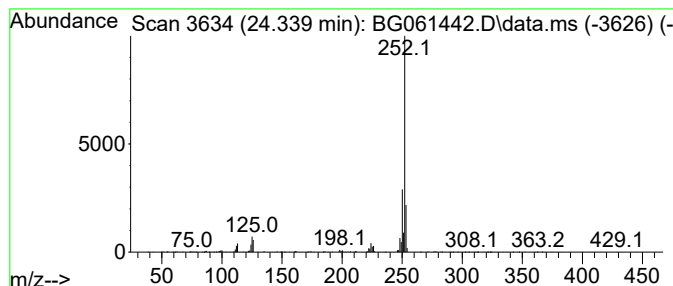
Instrument :
BNA_G
ClientSampleId :
BHBNG

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 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.340	53.15 ng/ul	1443420	Perylene-d12	24.622	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061442.D
Acq On : 4 Jun 2024 4:27
Operator : MA/JU
Sample : P2577-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN6

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.082	255.0	ng/ul	3541690	1	7.876	277742	20.0
Dibenzofuran, 4...	15.855	2.9	ng/ul	79687	3	14.510	547496	20.0
6H-Dibenzo[b,d]...	16.002	2.7	ng/ul	92845	4	17.265	686003	20.0
Chamazulene	16.237	4.0	ng/ul	137374	4	17.265	686003	20.0
Naphtho[2,1-b]f...	16.795	2.5	ng/ul	86344	4	17.265	686003	20.0
9H-Fluoren-9-one	16.919	4.7	ng/ul	161258	4	17.265	686003	20.0
Naphtho[1,2-b]t...	17.077	3.9	ng/ul	133825	4	17.265	686003	20.0
Dibenzothiophen...	17.841	3.0	ng/ul	101852	4	17.265	686003	20.0
Anthracene, 1-m...	18.141	11.4	ng/ul	392822	4	17.265	686003	20.0
Phenanthrene, 2...	18.188	14.6	ng/ul	502067	4	17.265	686003	20.0
Phenanthrene, 1...	18.270	3.0	ng/ul	104085	4	17.265	686003	20.0
4H-Cyclopenta[d...	18.335	16.0	ng/ul	548834	4	17.265	686003	20.0
Anthracene, 9-m...	18.370	6.3	ng/ul	217506	4	17.265	686003	20.0
unknown-01	18.446	2.5	ng/ul	87088	4	17.265	686003	20.0
5,16[1',2']:8,1...	18.634	7.1	ng/ul	243255	4	17.265	686003	20.0
9,10-Anthracene...	18.687	8.5	ng/ul	290413	4	17.265	686003	20.0
Phenanthrene, 2...	19.057	8.8	ng/ul	300453	4	17.265	686003	20.0
Phenanthrene, 2...	19.151	2.0	ng/ul	69595	4	17.265	686003	20.0
Cyclopenta(def)...	19.204	10.3	ng/ul	354074	4	17.265	686003	20.0
3,4'-Diisopropy...	19.381	5.3	ng/ul	180762	4	17.265	686003	20.0
Fluoranthene, 2...	20.015	4.1	ng/ul	613214	5	21.525	2989390	20.0
11H-Benzo[b]flu...	20.180	3.5	ng/ul	524640	5	21.525	2989390	20.0
Pyrene, 1-methyl-	20.338	3.2	ng/ul	480202	5	21.525	2989390	20.0
11H-Benzo[a]flu...	20.938	3.3	ng/ul	490513	5	21.525	2989390	20.0
Benzo[b]naphtho...	21.108	2.5	ng/ul	373014	5	21.525	2989390	20.0
7H-Benz[de]anth...	21.267	3.0	ng/ul	453779	5	21.525	2989390	20.0
Benz[a]anthrace...	22.224	3.0	ng/ul	443553	5	21.525	2989390	20.0
Benz[a]anthrace...	22.295	2.5	ng/ul	375461	5	21.525	2989390	20.0
Benzo[e]pyrene	23.893	13.1	ng/ul	354937	6	24.622	543120	20.0
Benzo[j]fluoran...	24.340	53.1	ng/ul	1443420	6	24.622	543120	20.0