

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031799.D
 Acq On : 05 Jun 2024 14:28
 Operator : MA/JU
 Sample : P2591-11DL2 30X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ2DL2

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_N\Methods\SFAM-EPA-BN052924.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN031799.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.675	789	797	805	rBV	920381	1486320	6.48%	0.650%
2	10.457	1262	1270	1275	rBV	1417114	2412619	10.51%	1.055%
3	10.505	1275	1278	1285	rVB	220077	360789	1.57%	0.158%
4	12.128	1547	1554	1560	rBV	129504	223076	0.97%	0.098%
5	12.346	1582	1591	1600	rVV	119392	202429	0.88%	0.089%
6	13.634	1801	1810	1815	rBV	109877	209079	0.91%	0.091%
7	13.728	1823	1826	1831	rVB	82413	120316	0.52%	0.053%
8	14.010	1868	1874	1876	rBV	107814	167400	0.73%	0.073%
9	14.040	1876	1879	1885	rVB	123394	182577	0.80%	0.080%
10	14.316	1917	1926	1932	rBV	2326930	3571745	15.57%	1.562%
11	14.381	1932	1937	1945	rVV	533572	807042	3.52%	0.353%
12	14.716	1984	1994	2002	rVV	541922	860072	3.75%	0.376%
13	15.310	2089	2095	2099	rVV2	153614	256300	1.12%	0.112%
14	15.369	2099	2105	2114	rVV	597989	927503	4.04%	0.406%
15	15.528	2129	2132	2137	rVV	90068	144396	0.63%	0.063%
16	15.663	2150	2155	2163	rVV	267384	393470	1.71%	0.172%
17	15.810	2165	2180	2188	rVV	281292	616266	2.69%	0.270%
18	15.898	2188	2195	2200	rVB2	67056	126528	0.55%	0.055%
19	16.045	2212	2220	2228	rVB3	94738	184497	0.80%	0.081%
20	16.345	2264	2271	2273	rBV3	88483	164414	0.72%	0.072%
21	16.375	2273	2276	2280	rVV2	141756	219600	0.96%	0.096%
22	16.422	2280	2284	2289	rVV2	69226	117640	0.51%	0.051%
23	16.598	2306	2314	2318	rBV3	133213	252153	1.10%	0.110%
24	16.640	2318	2321	2325	rVV2	143924	222999	0.97%	0.098%
25	16.722	2329	2335	2342	rVV	1084684	1556891	6.78%	0.681%
26	16.798	2342	2348	2354	rVV	151652	304780	1.33%	0.133%
27	16.887	2357	2363	2372	rVB	573911	904511	3.94%	0.396%
28	17.069	2387	2394	2397	rBV	2887457	4628315	20.17%	2.024%
29	17.110	2397	2401	2407	rVV	10861236	15229924	66.37%	6.660%
30	17.169	2407	2411	2412	rVV2	350231	463305	2.02%	0.203%
31	17.198	2412	2416	2422	rVV	2217141	3124338	13.62%	1.366%
32	17.257	2422	2426	2432	rVB2	204125	319470	1.39%	0.140%
33	17.381	2444	2447	2452	rVB	85777	120592	0.53%	0.053%
34	17.475	2452	2463	2475	rBV2	1507557	2741795	11.95%	1.199%
35	17.587	2478	2482	2487	rVV2	196281	296340	1.29%	0.130%
36	17.645	2487	2492	2500	rVB4	256938	470903	2.05%	0.206%

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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_N\Methods\SFAM-EPA-BN052924.MA.M
 Title : SVOA CALIBRATION

37	17.787	2512	2516	2521	rVB3	85135	139807	0.61%	0.061%
38	17.863	2524	2529	2533	rBV	117199	155164	0.68%	0.068%
39	17.939	2533	2542	2546	rBV	1151959	1752807	7.64%	0.767%
40	17.986	2546	2550	2557	rVB	1731704	2443569	10.65%	1.069%
41	18.069	2558	2564	2569	rBV	499750	721019	3.14%	0.315%
42	18.134	2569	2575	2579	rBV2	1452712	2643689	11.52%	1.156%
43	18.175	2579	2582	2588	rVB	704737	941855	4.10%	0.412%
44	18.251	2588	2595	2598	rBV2	166733	307708	1.34%	0.135%
45	18.292	2598	2602	2606	rVV2	217754	296176	1.29%	0.130%
46	18.386	2614	2618	2623	rVB5	109594	181333	0.79%	0.079%
47	18.445	2623	2628	2632	rBV	936669	1326481	5.78%	0.580%
48	18.486	2632	2635	2641	rVB	1218510	1698677	7.40%	0.743%
49	18.692	2666	2670	2674	rVV3	253570	376175	1.64%	0.165%
50	18.739	2674	2678	2682	rVV	259032	359435	1.57%	0.157%
51	18.781	2682	2685	2690	rVB	256829	335825	1.46%	0.147%
52	18.869	2694	2700	2705	rVV2	609433	1260890	5.49%	0.551%
53	18.928	2705	2710	2713	rVV2	276981	577235	2.52%	0.252%
54	18.957	2713	2715	2719	rVV	225755	285471	1.24%	0.125%
55	19.010	2719	2724	2732	rVB	1297388	1961685	8.55%	0.858%
56	19.133	2738	2745	2751	rVB	15104167	22947197	100.00%	10.035%
57	19.198	2752	2756	2758	rBV	199245	270379	1.18%	0.118%
58	19.228	2758	2761	2766	rVB2	372922	451860	1.97%	0.198%
59	19.275	2767	2769	2773	rVB3	108800	128288	0.56%	0.056%
60	19.333	2773	2779	2781	rBV2	281536	540263	2.35%	0.236%
61	19.375	2782	2786	2789	rVB	412516	542625	2.36%	0.237%
62	19.469	2796	2802	2803	rBV	2923284	4280597	18.65%	1.872%
63	19.498	2803	2807	2814	rVV	12313888	17547173	76.47%	7.674%
64	19.563	2814	2818	2825	rVB2	752152	1113906	4.85%	0.487%
65	19.675	2832	2837	2842	rBV	999487	1328178	5.79%	0.581%
66	19.739	2842	2848	2854	rVB	1038069	1596685	6.96%	0.698%
67	19.816	2855	2861	2862	rBV	947074	1417288	6.18%	0.620%
68	19.951	2878	2884	2887	rBV5	762513	1487693	6.48%	0.651%
69	19.986	2887	2890	2895	rVB	963203	1496393	6.52%	0.654%
70	20.039	2895	2899	2902	rBV2	202529	274941	1.20%	0.120%
71	20.092	2904	2908	2911	rBV	337892	409195	1.78%	0.179%
72	20.145	2911	2917	2921	rBV2	1284277	2305722	10.05%	1.008%
73	20.186	2921	2924	2928	rVB	397781	483321	2.11%	0.211%
74	20.228	2928	2931	2935	rBV2	305065	419652	1.83%	0.184%
75	20.286	2937	2941	2945	rBV	554906	723524	3.15%	0.316%
76	20.333	2945	2949	2954	rVV2	612833	863772	3.76%	0.378%

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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_N\Methods\SFAM-EPA-BN052924.MA.M
 Title : SVOA CALIBRATION

77	20.551	2982	2986	2988	rBV4	231029	380761	1.66%	0.167%
78	20.657	3001	3004	3007	rVB3	175527	196301	0.86%	0.086%
79	20.739	3013	3018	3024	rBV	3049442	4032098	17.57%	1.763%
80	20.910	3040	3047	3051	rBV2	1741805	3435335	14.97%	1.502%
81	20.951	3051	3054	3058	rVV	1397550	2060305	8.98%	0.901%
82	20.998	3058	3062	3067	rVV2	1407098	2885132	12.57%	1.262%
83	21.057	3067	3072	3083	rVB	2551266	4179579	18.21%	1.828%
84	21.292	3102	3112	3118	rBV3	9740519	22416102	97.69%	9.803%
85	21.351	3118	3122	3133	rVB	7648664	12092117	52.70%	5.288%
86	21.486	3141	3145	3152	rBV	569369	1053297	4.59%	0.461%
87	21.675	3173	3177	3184	rBV2	638037	1257686	5.48%	0.550%
88	21.739	3184	3188	3192	rVB3	369451	541159	2.36%	0.237%
89	21.975	3224	3228	3234	rVB	1230485	2077820	9.05%	0.909%
90	22.045	3235	3240	3246	rVB2	747840	1410201	6.15%	0.617%
91	22.222	3266	3270	3274	rBV2	509398	832645	3.63%	0.364%
92	22.592	3330	3333	3339	rVB2	314186	507698	2.21%	0.222%
93	22.957	3390	3395	3414	rVB2	692595	2471972	10.77%	1.081%
94	23.327	3448	3458	3464	rBV2	5847592	18627631	81.18%	8.146%
95	23.551	3490	3496	3504	rVB	971051	2106986	9.18%	0.921%
96	23.733	3524	3527	3532	rBV4	274427	597506	2.60%	0.261%
97	23.974	3561	3568	3582	rVB2	1779358	5130186	22.36%	2.243%
98	24.110	3583	3591	3603	rVB2	3215292	8632624	37.62%	3.775%
99	24.245	3606	3614	3621	rBV	2441981	6233987	27.17%	2.726%
100	27.551	4167	4176	4177	rBV	1381925	2726197	11.88%	1.192%

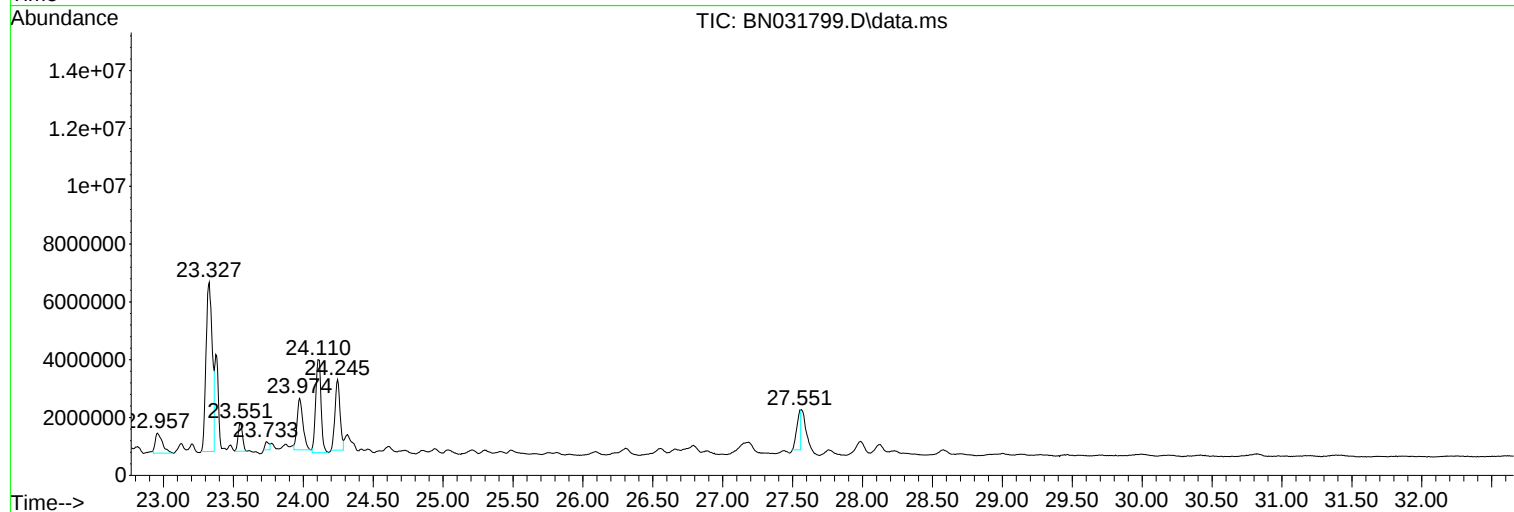
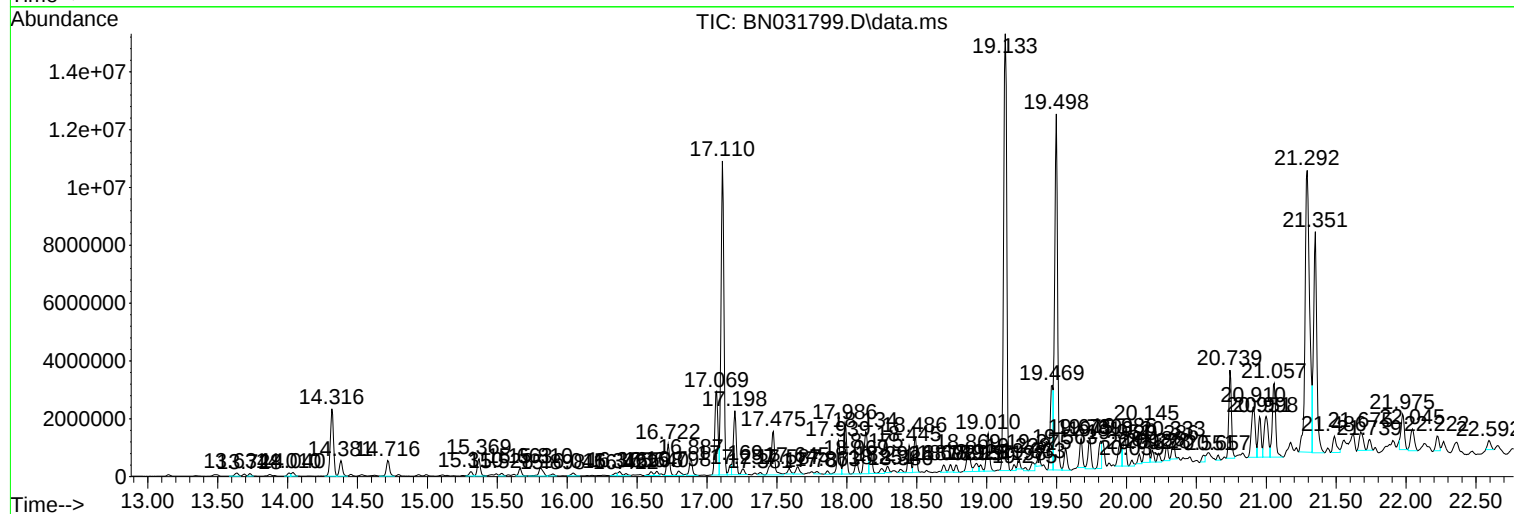
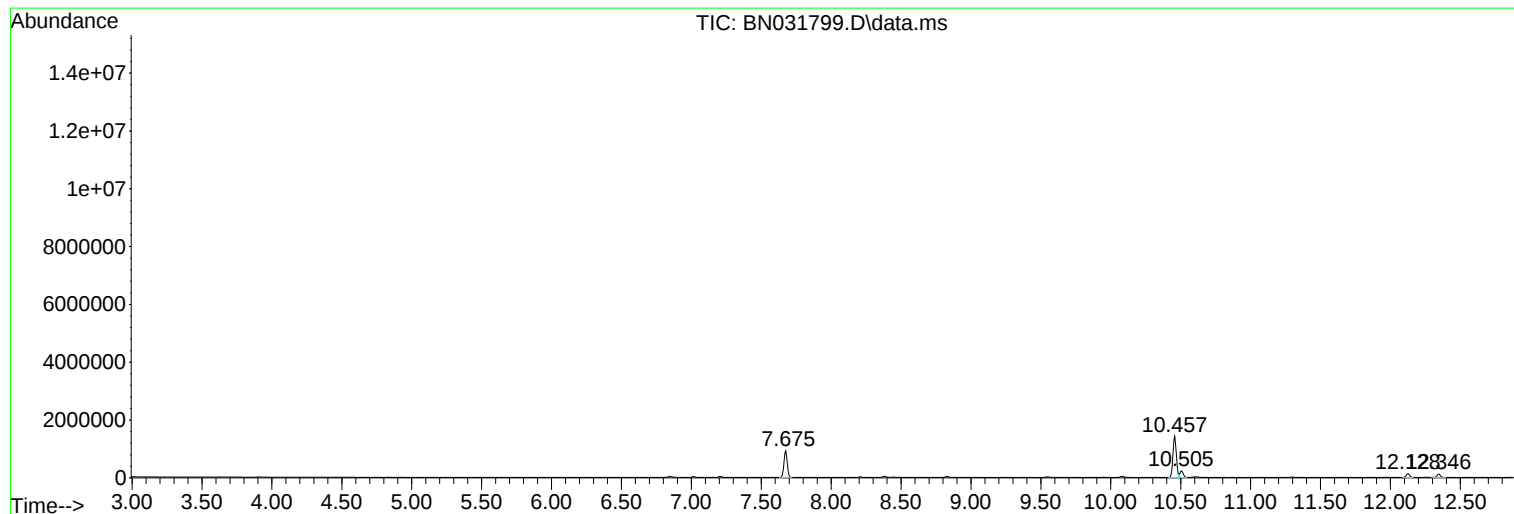
Sum of corrected areas: 228669372

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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



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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
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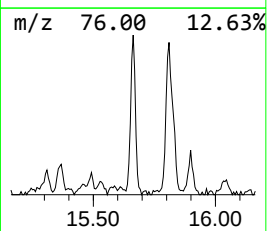
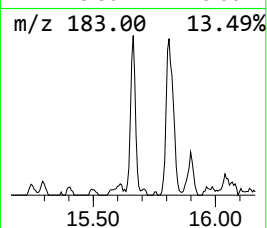
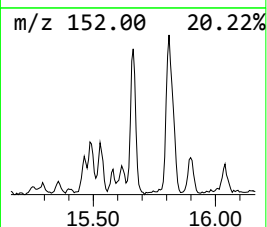
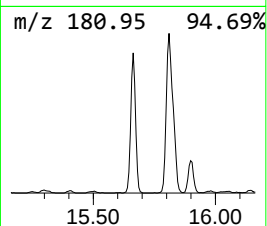
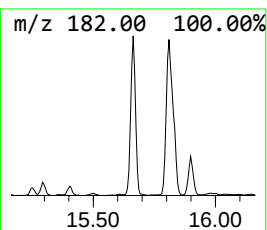
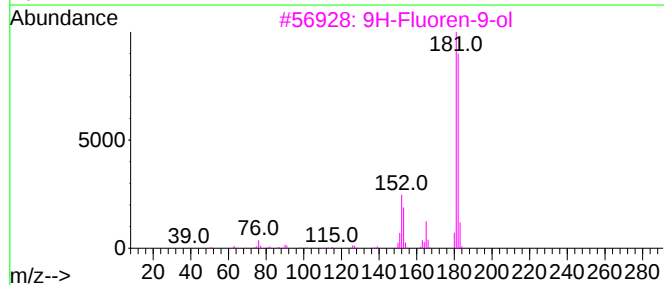
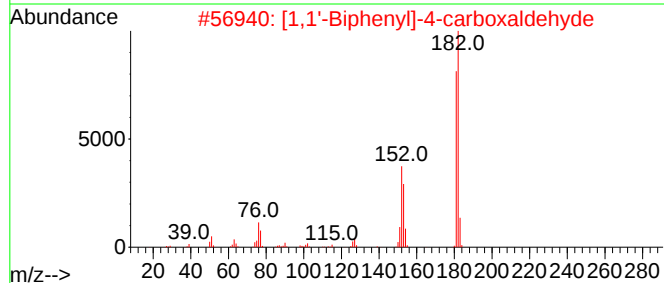
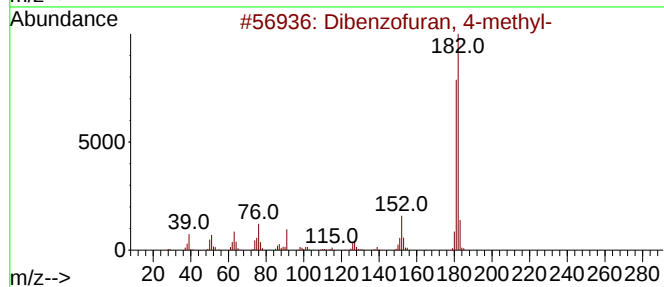
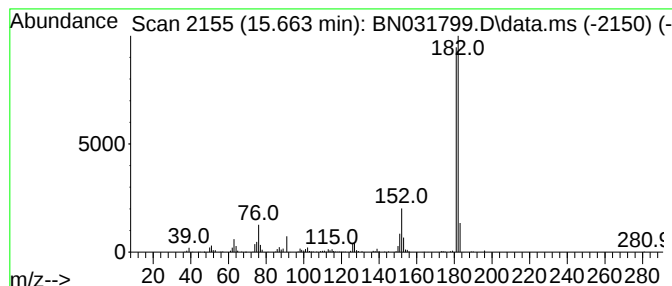
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.663	2.20 ng/ul	393470	Acenaphthene-d10	14.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	74



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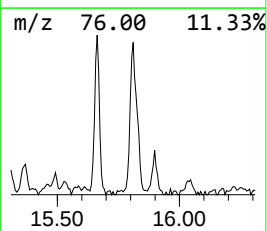
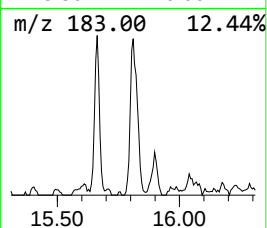
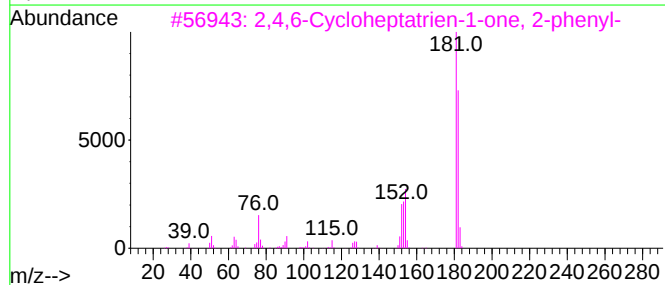
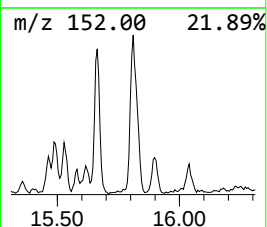
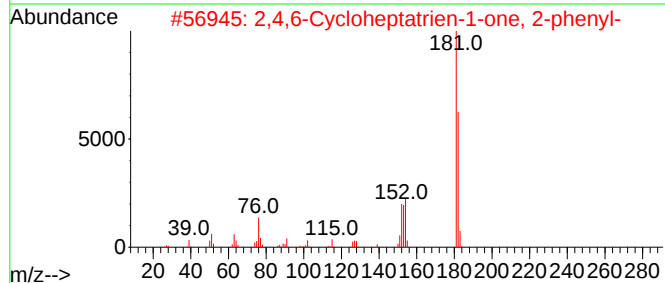
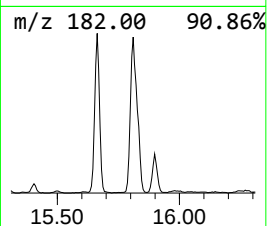
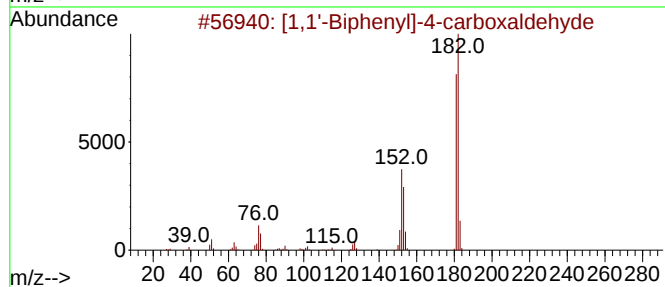
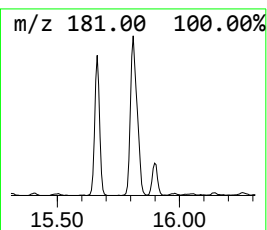
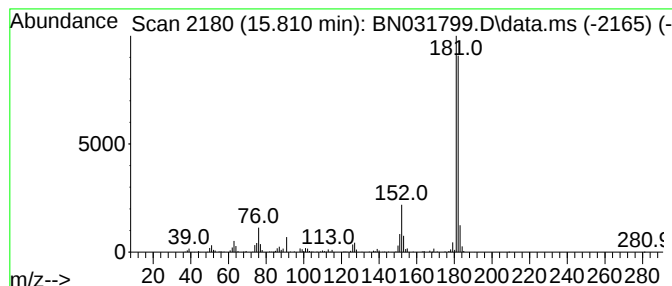
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.810	2.66 ng/ul	616266	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78



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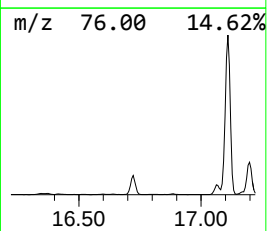
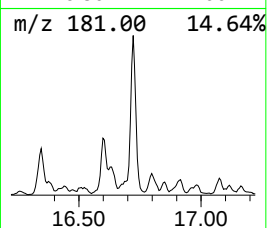
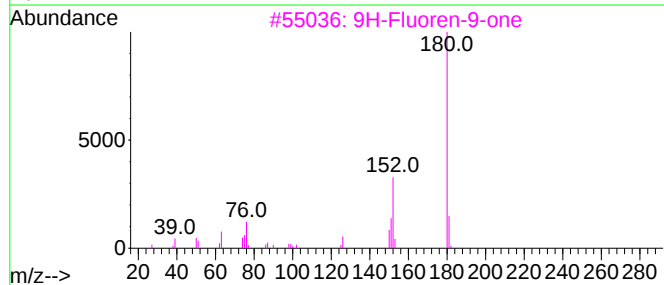
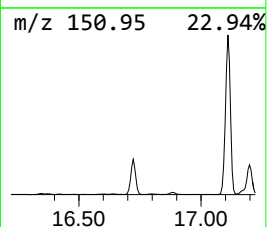
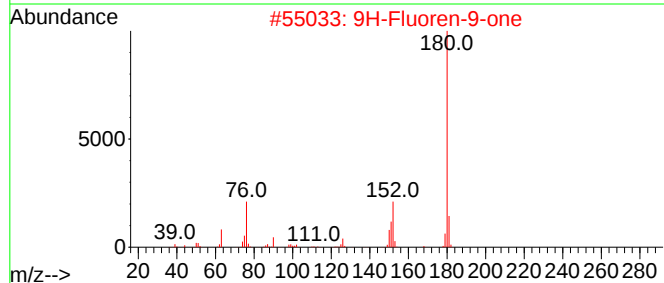
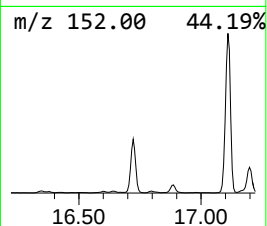
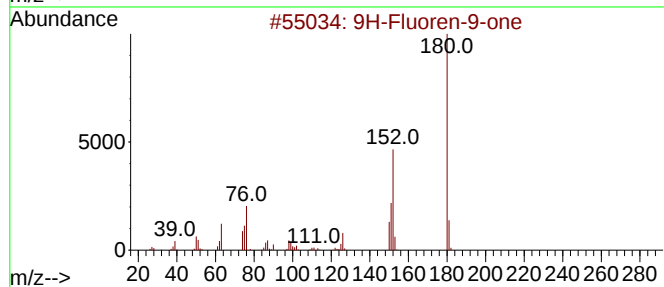
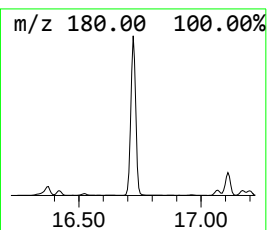
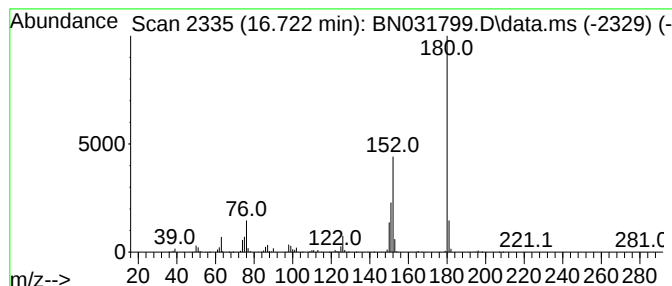
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 9H-Fluoren-9-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.722	6.73 ng/ul	1556890	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
Acq On : 05 Jun 2024 14:28
Operator : MA/JU
Sample : P2591-11DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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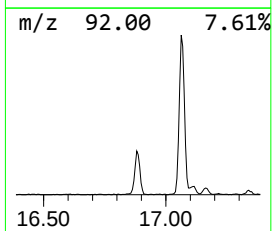
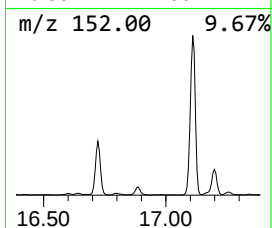
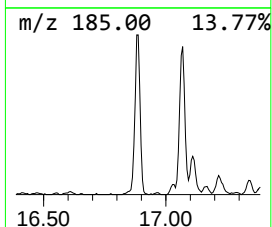
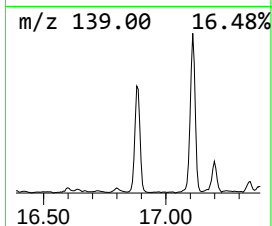
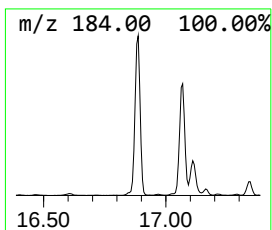
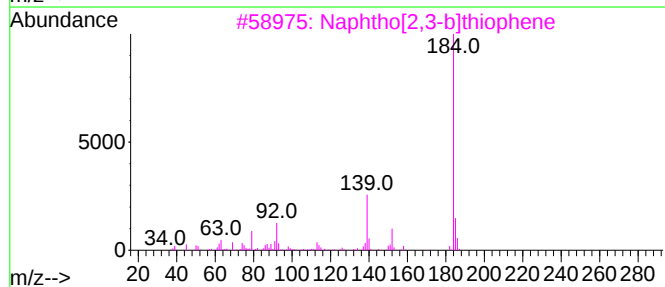
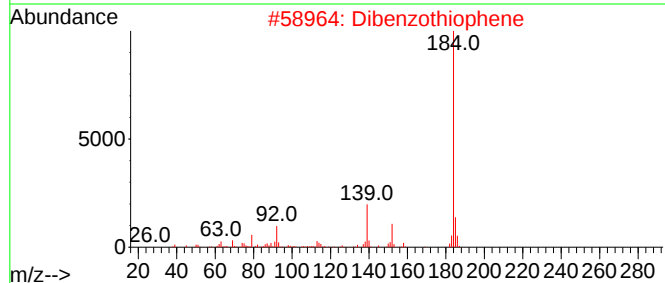
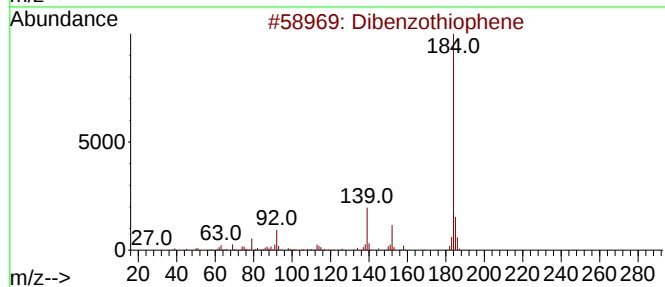
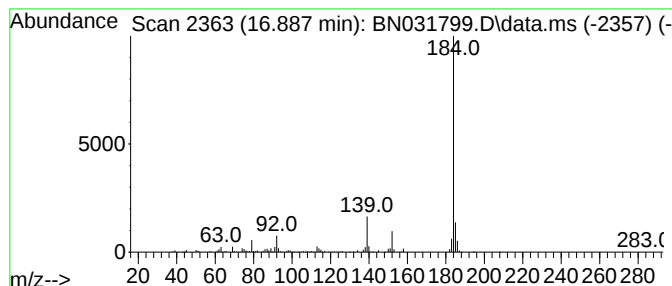
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.887	3.91 ng/ul	904511	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	97
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4			Dibenzothiophene	184	C12H8S	000132-65-0	95
5			Dibenzothiophene	184	C12H8S	000132-65-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
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Operator : MA/JU
Sample : P2591-11DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

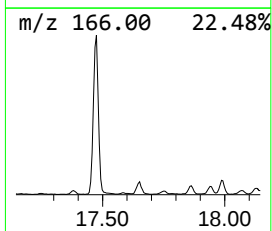
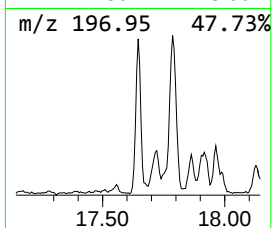
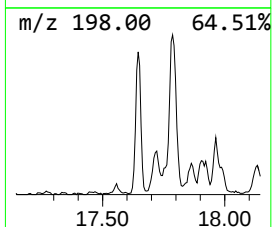
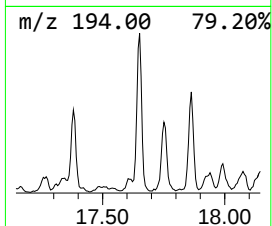
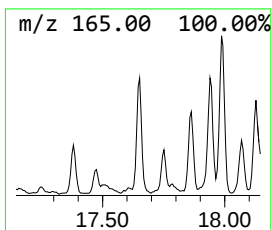
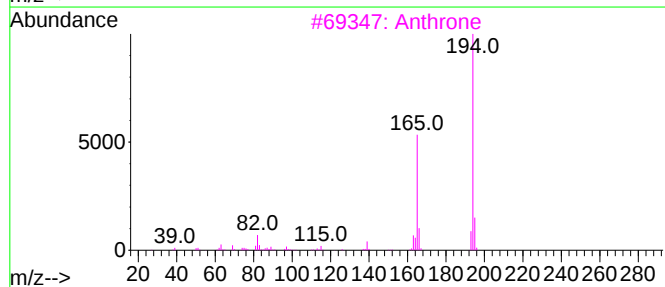
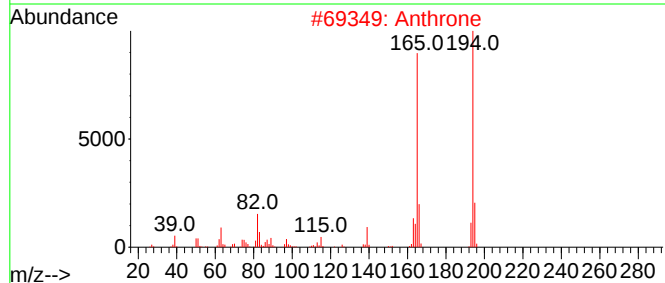
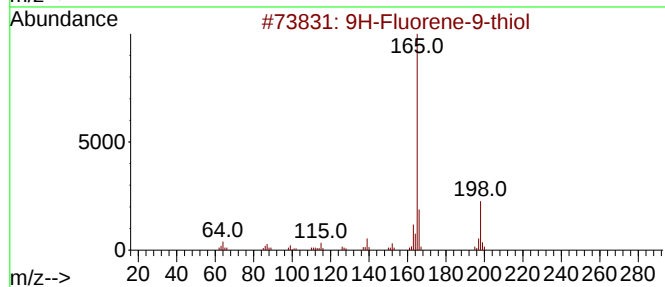
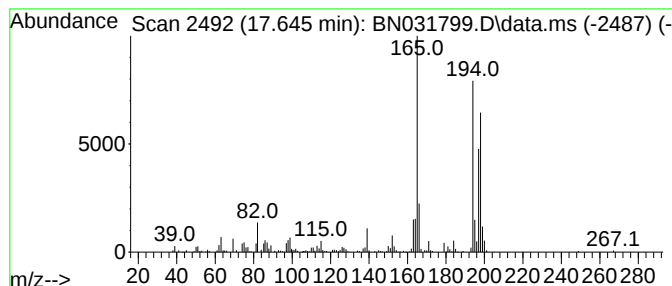
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9H-Fluorene-9-thiol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.645	2.03 ng/ul	470903	Phenanthrene-d10		17.069	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9H-Fluorene-9-thiol		198	C13H10S	019552-08-0	90
2	Anthrone		194	C14H10O	000090-44-8	83
3	Anthrone		194	C14H10O	000090-44-8	83
4	Anthrone		194	C14H10O	000090-44-8	64
5	3-Phenanthrol		194	C14H10O	000605-87-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
Acq On : 05 Jun 2024 14:28
Operator : MA/JU
Sample : P2591-11DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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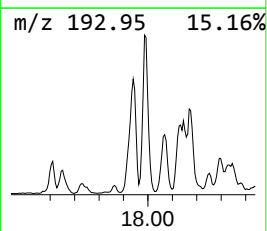
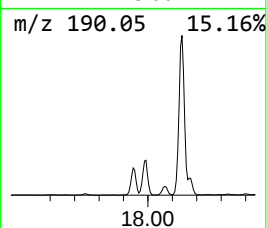
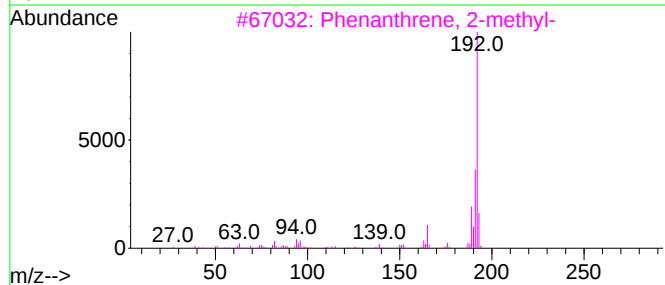
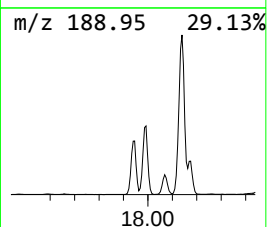
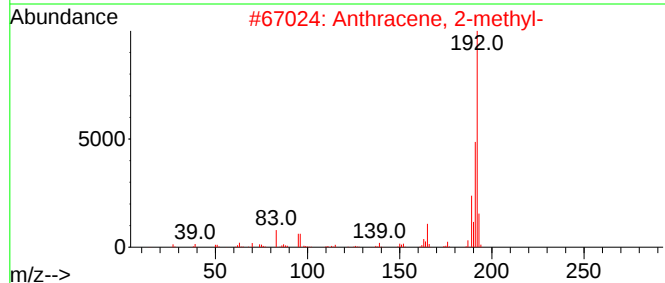
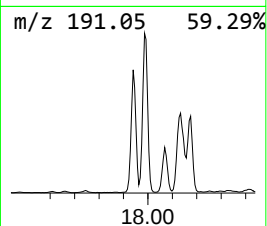
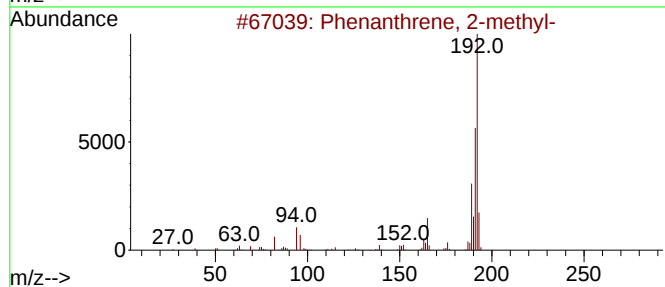
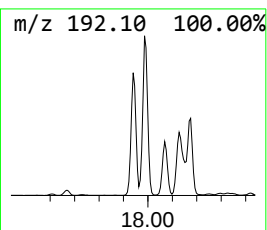
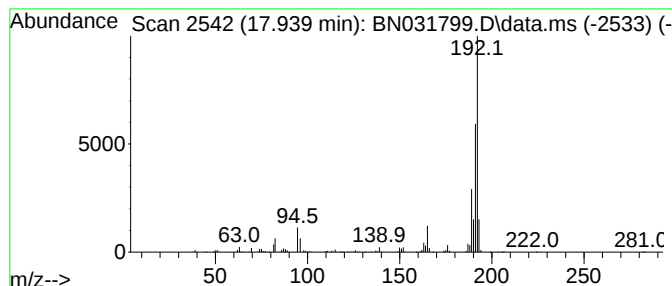
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	7.57 ng/ul	1752810	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
Acq On : 05 Jun 2024 14:28
Operator : MA/JU
Sample : P2591-11DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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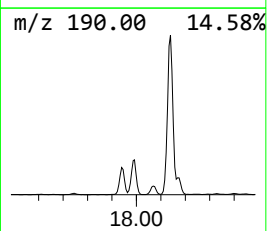
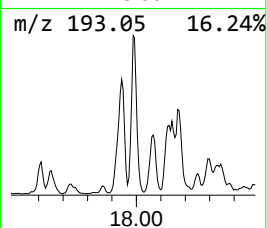
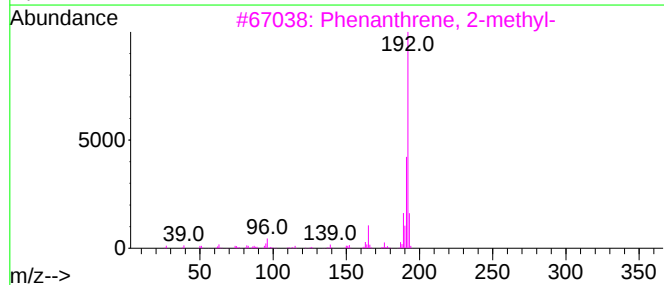
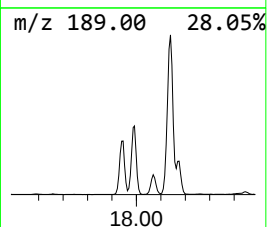
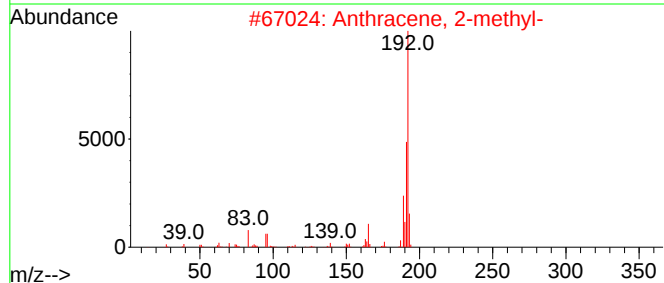
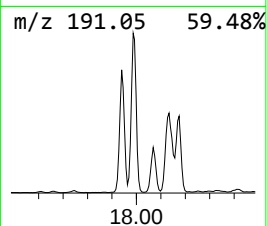
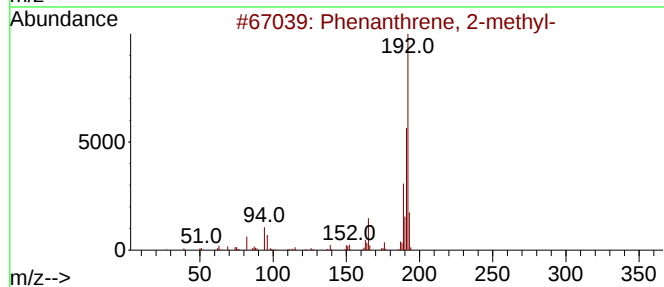
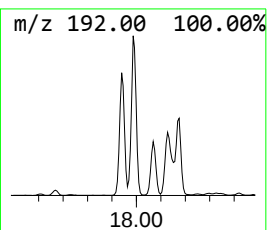
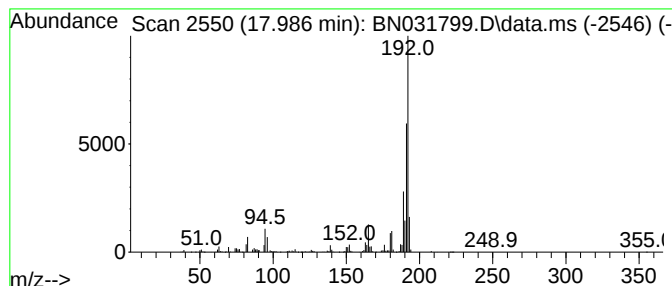
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	10.56 ng/ul	2443570	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	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_N\Data\BN060524\
Data File : BN031799.D
Acq On : 05 Jun 2024 14:28
Operator : MA/JU
Sample : P2591-11DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

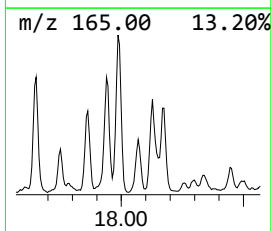
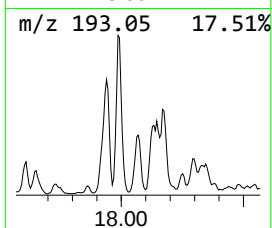
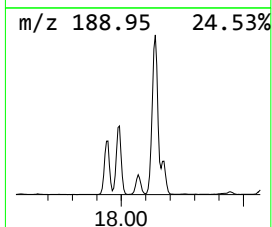
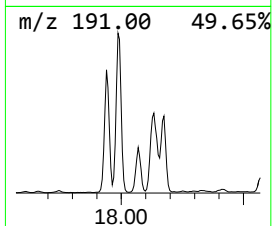
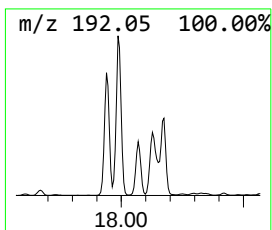
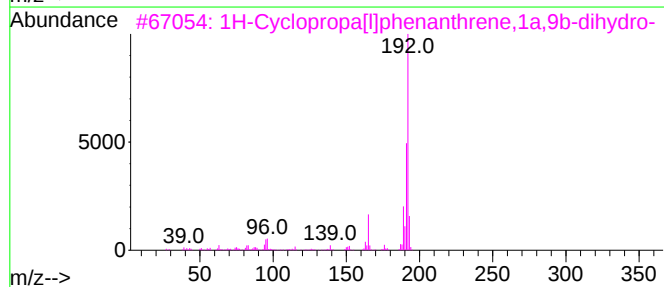
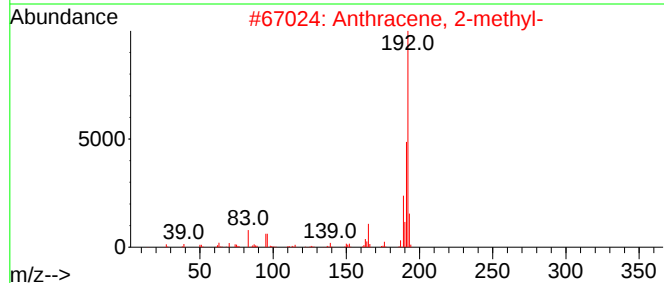
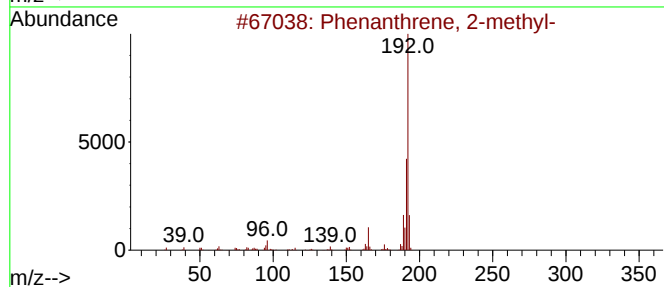
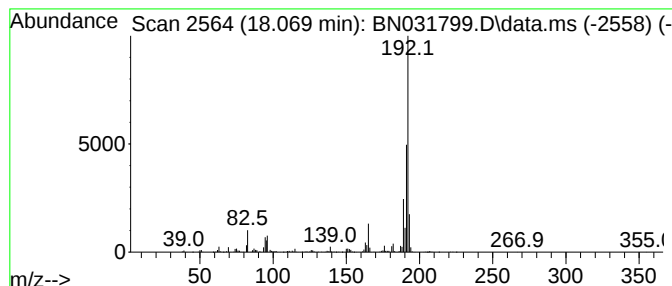
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1H-Cyclopropa[1]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.069	3.12 ng/ul	721019	Phenanthrene-d10			17.069
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-		192	C15H12	000613-12-7	97
3	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	96
5	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
Acq On : 05 Jun 2024 14:28
Operator : MA/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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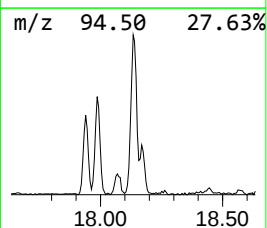
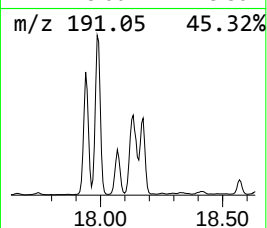
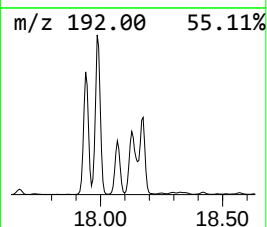
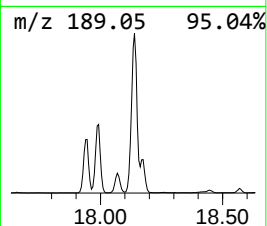
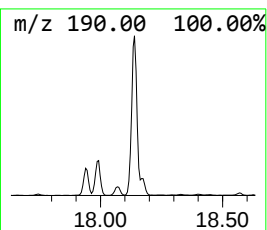
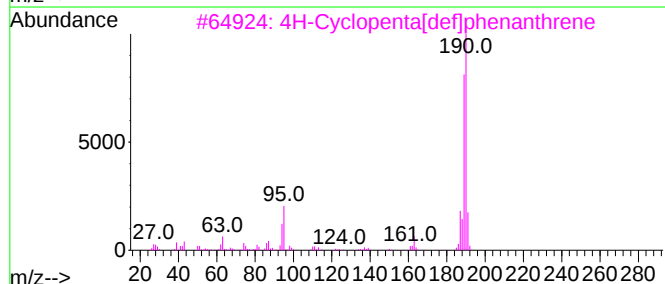
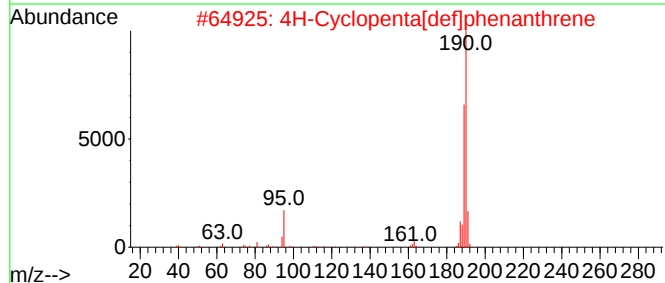
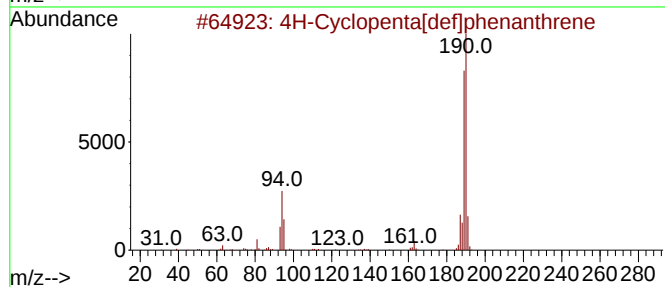
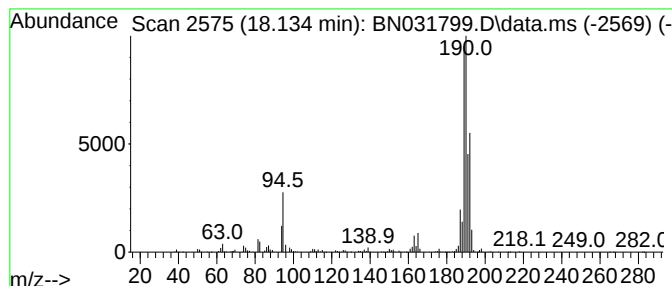
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	11.42 ng/ul	2643690	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	41
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
Acq On : 05 Jun 2024 14:28
Operator : MA/JU
Sample : P2591-11DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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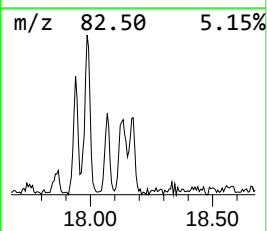
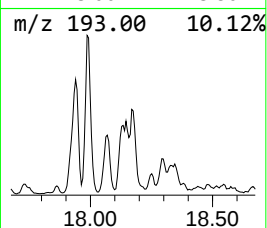
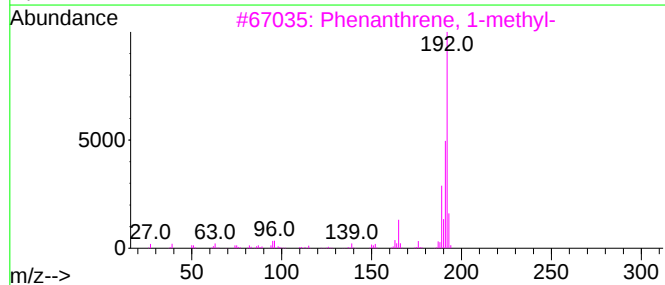
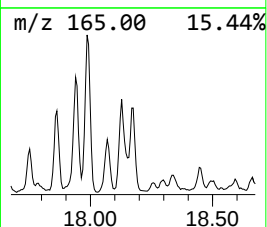
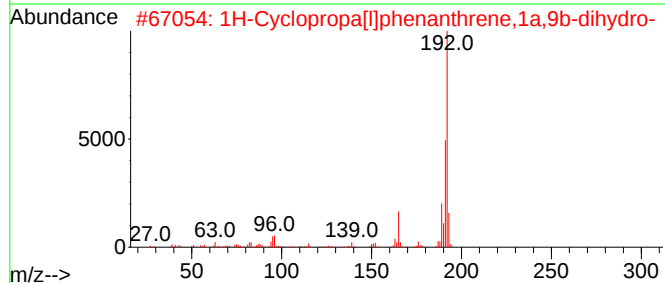
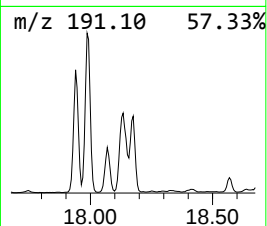
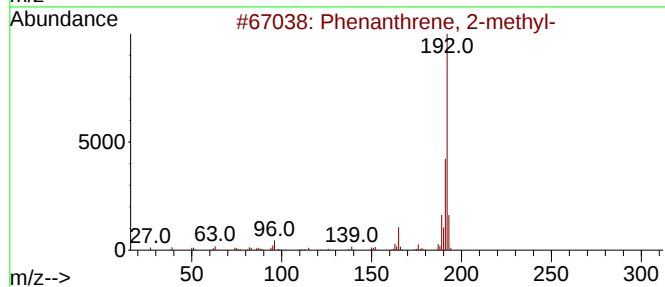
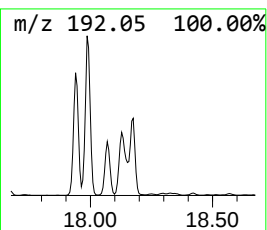
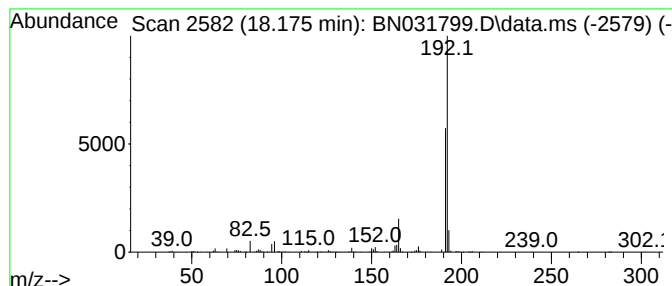
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	4.07 ng/ul	941855	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
Acq On : 05 Jun 2024 14:28
Operator : MA/JU
Sample : P2591-11DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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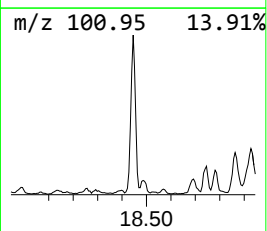
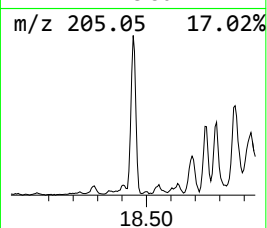
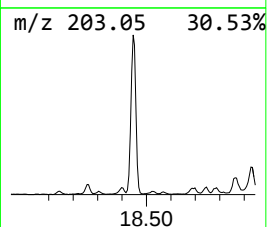
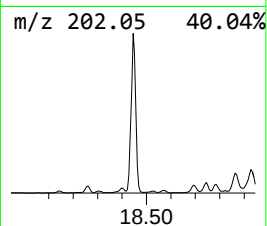
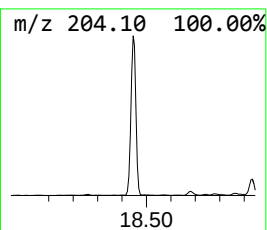
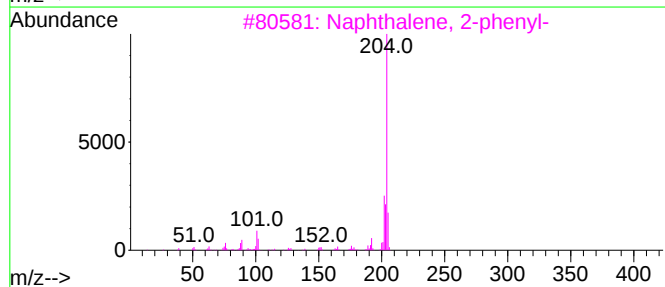
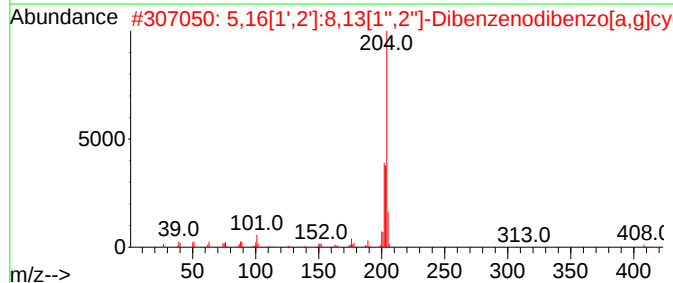
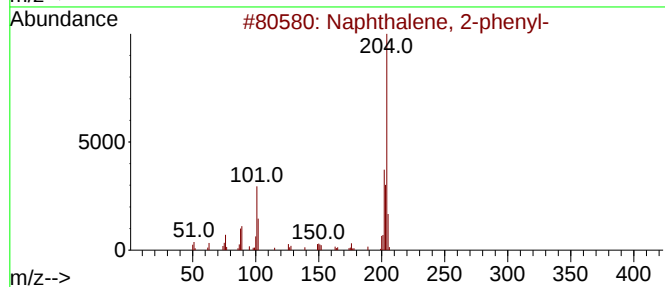
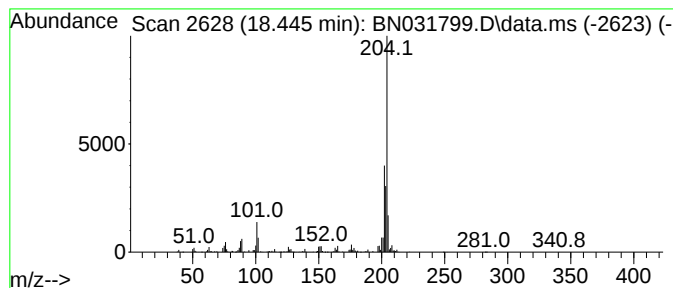
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	5.73 ng/ul	1326480	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
Acq On : 05 Jun 2024 14:28
Operator : MA/JU
Sample : P2591-11DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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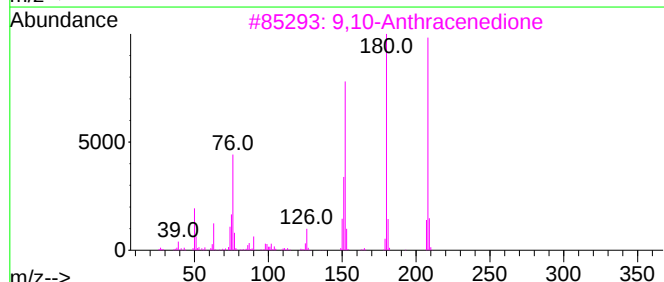
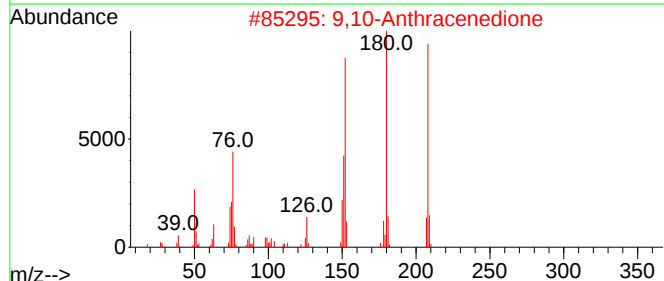
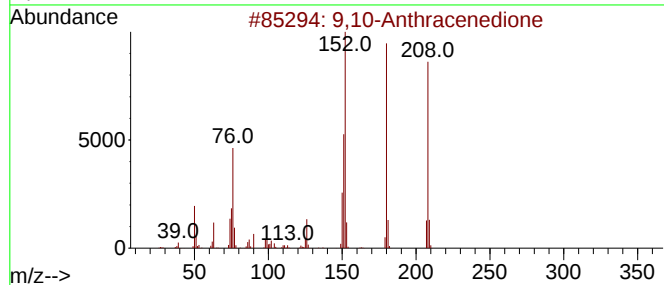
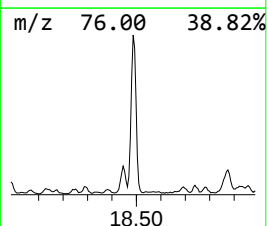
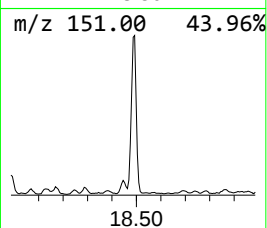
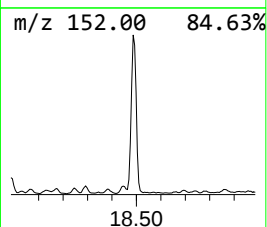
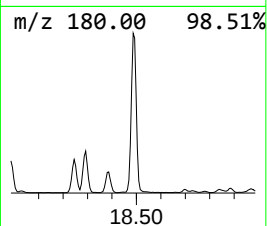
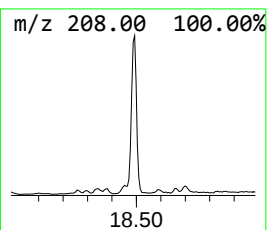
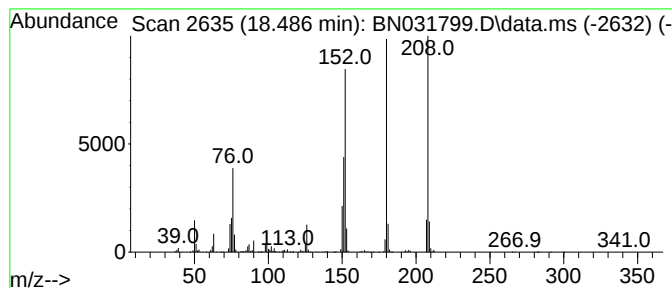
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	7.34 ng/ul	1698680	Phenanthrene-d10	17.069

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	98
4			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
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Operator : MA/JU
Sample : P2591-11DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

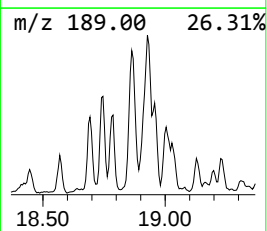
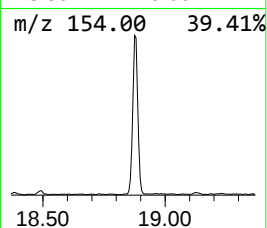
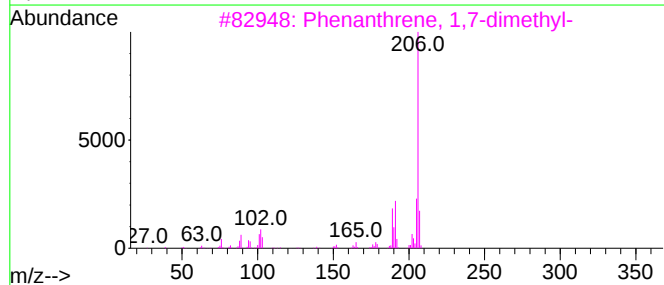
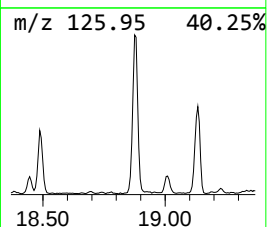
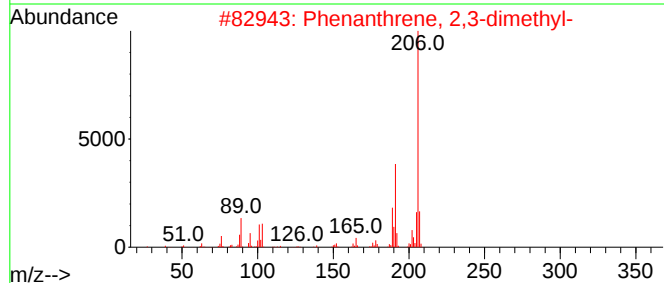
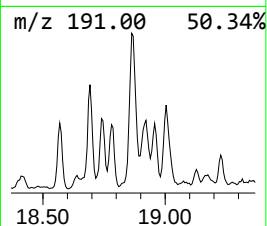
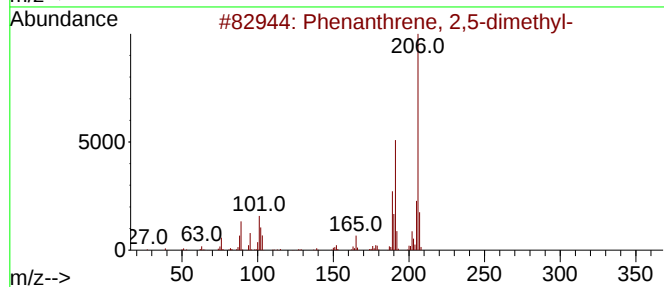
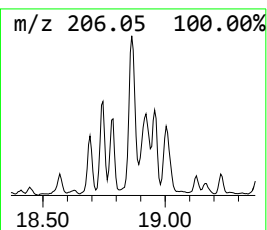
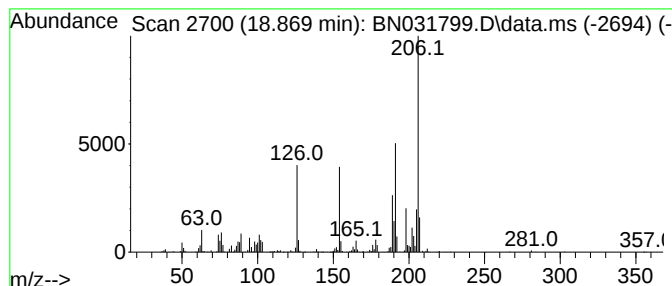
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.869	5.45 ng/ul	1260890	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	92
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	78
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	70
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	60
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
Acq On : 05 Jun 2024 14:28
Operator : MA/JU
Sample : P2591-11DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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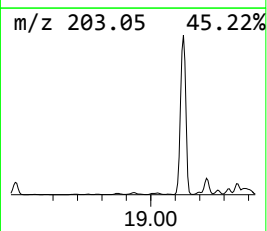
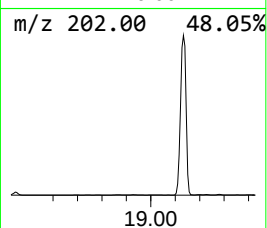
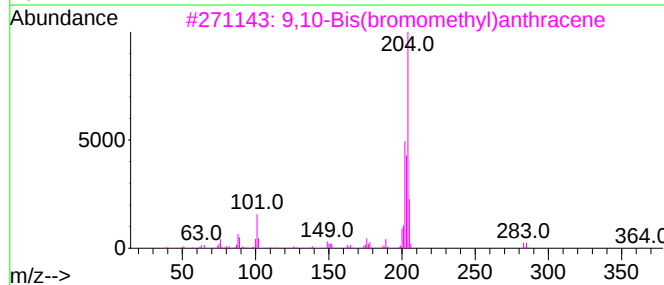
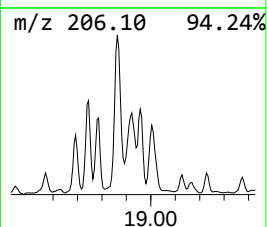
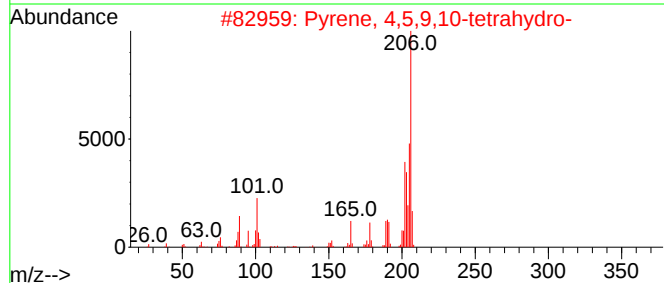
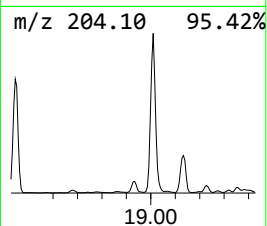
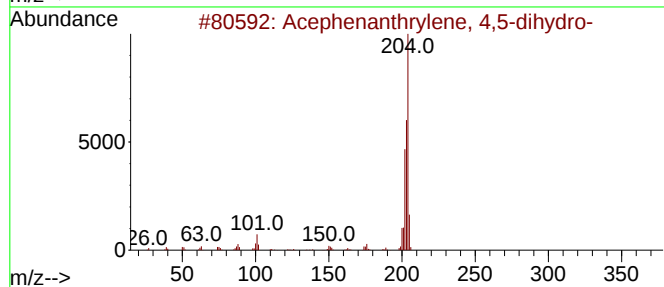
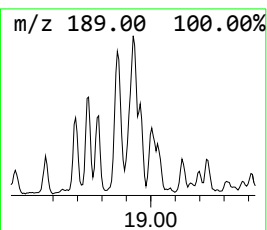
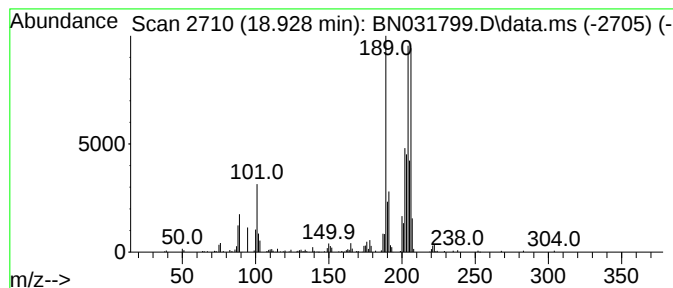
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.928	2.49 ng/ul	577235	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	47
2			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
3			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
4			9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35
5			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
Acq On : 05 Jun 2024 14:28
Operator : MA/JU
Sample : P2591-11DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

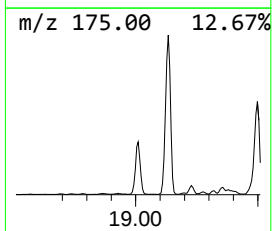
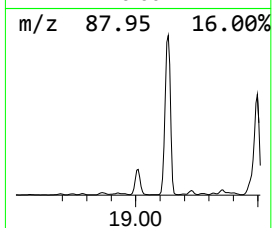
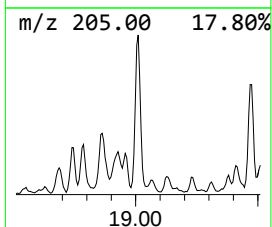
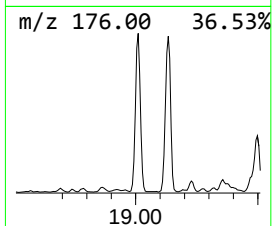
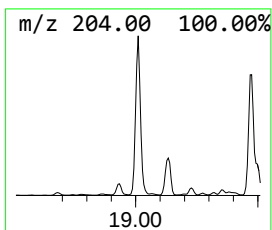
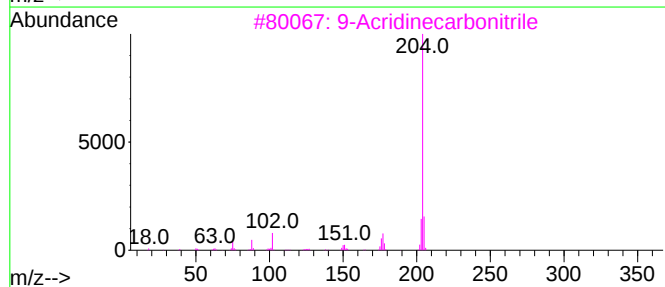
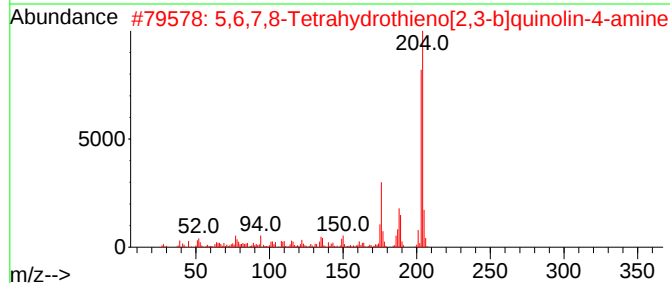
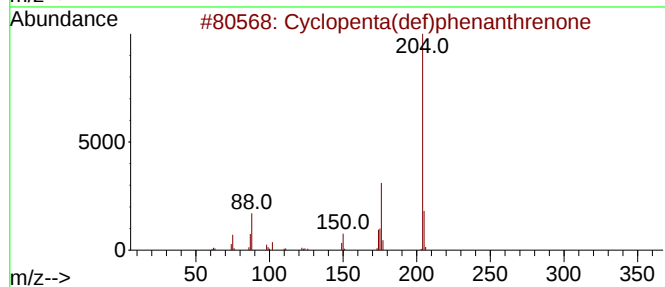
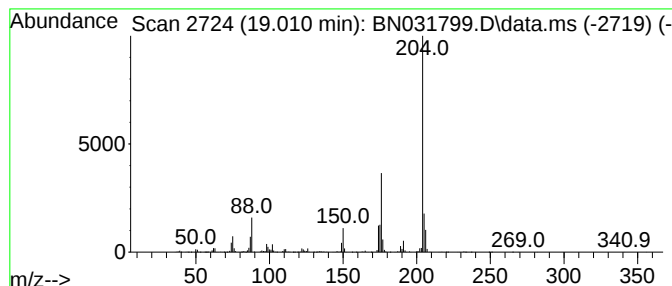
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.010	8.48 ng/ul	1961690	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47
5	Multifidin, 4TMS derivative	547	C23H49NO6Si4	1000480-87-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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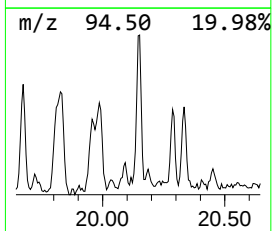
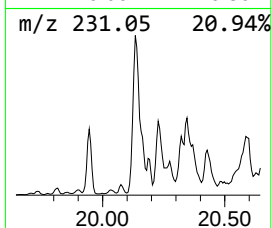
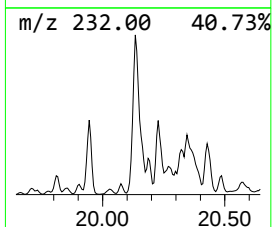
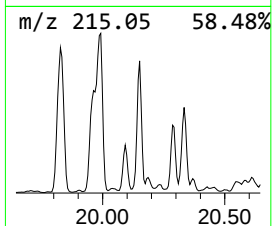
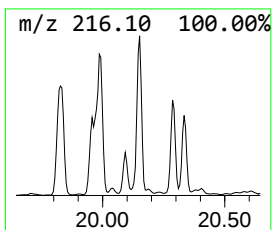
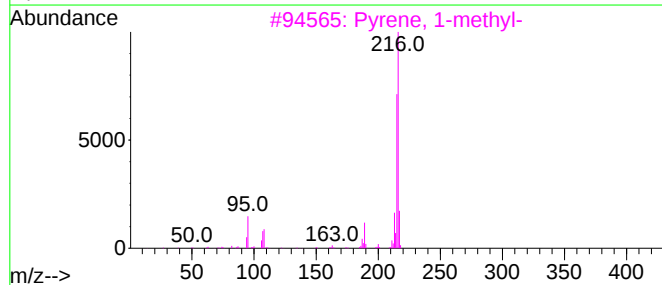
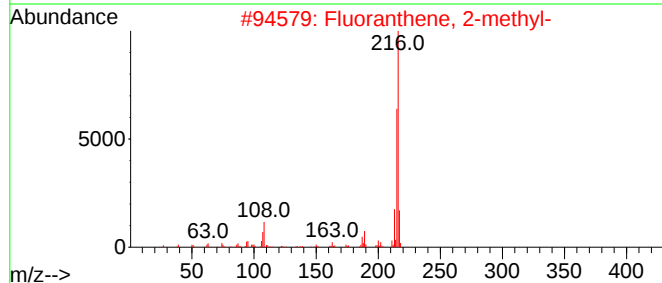
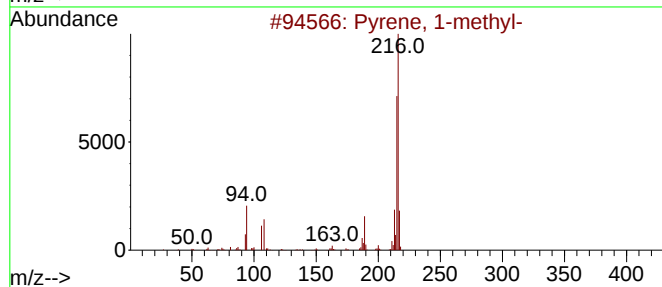
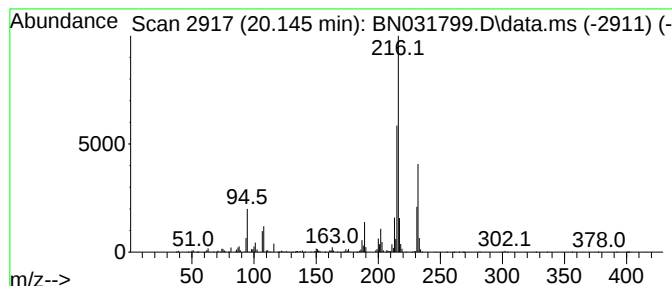
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	2.06 ng/ul	2305720	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	83



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Acq On : 05 Jun 2024 14:28
Operator : MA/JU
Sample : P2591-11DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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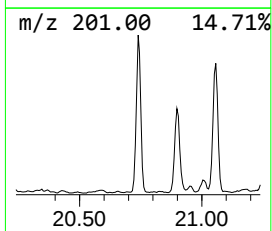
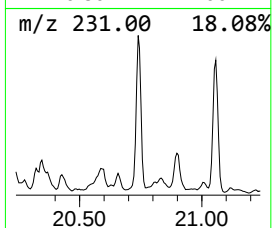
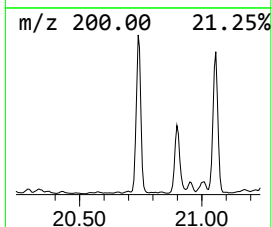
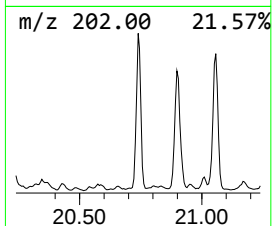
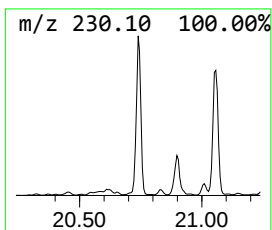
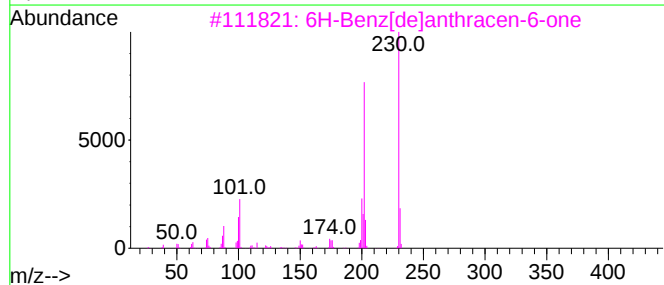
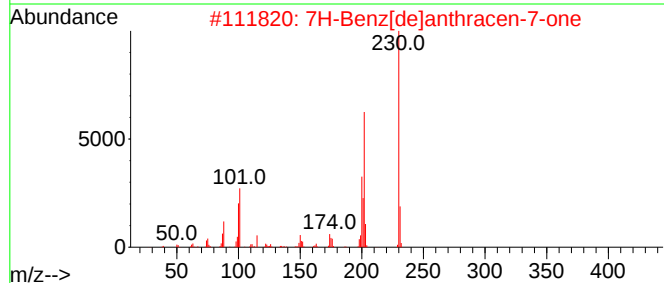
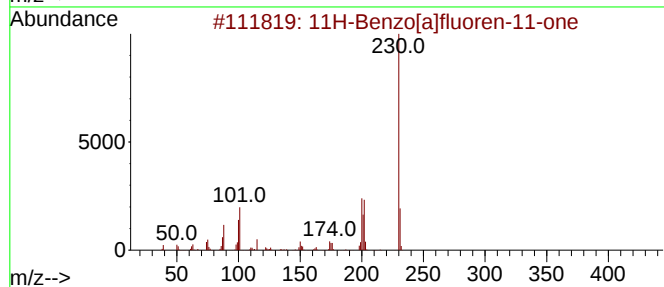
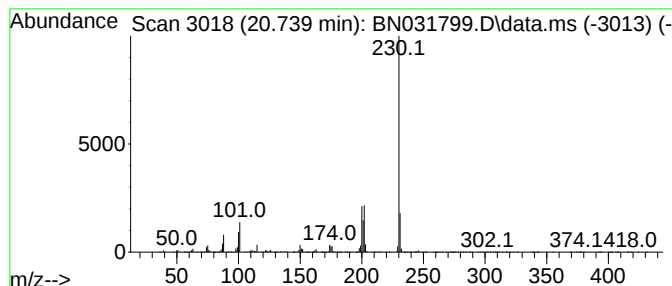
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.739	3.60 ng/ul	4032100	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	91
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
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Operator : MA/JU
Sample : P2591-11DL2 30X
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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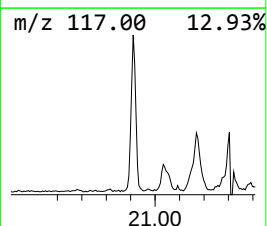
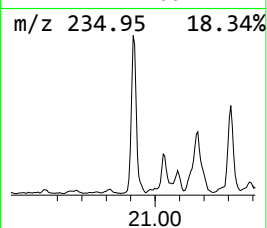
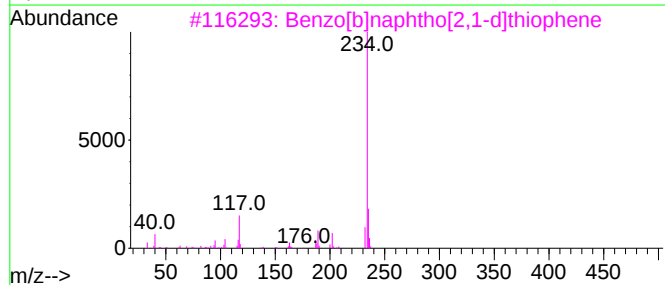
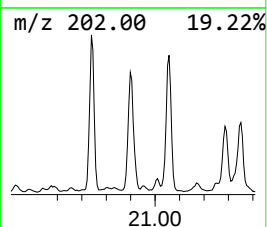
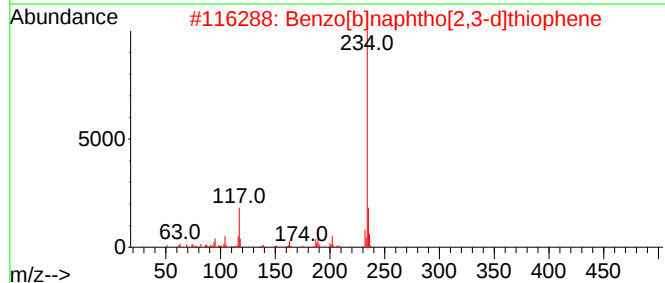
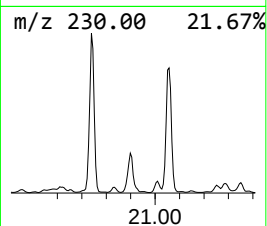
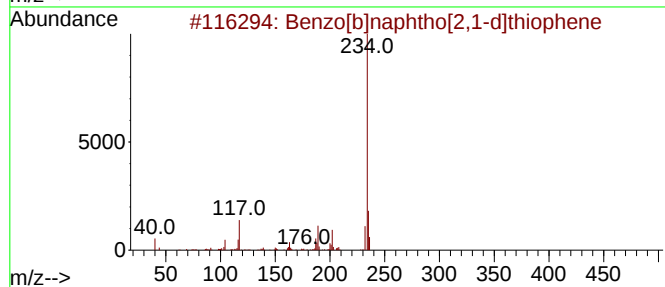
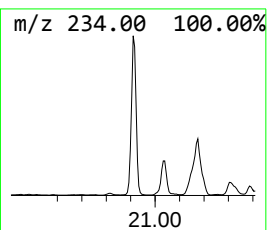
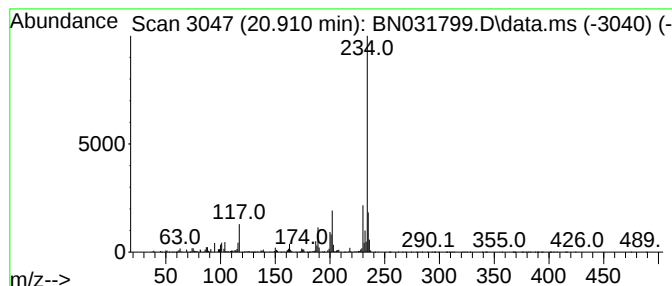
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.910	3.07 ng/ul	3435340	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
5			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
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Operator : MA/JU
Sample : P2591-11DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

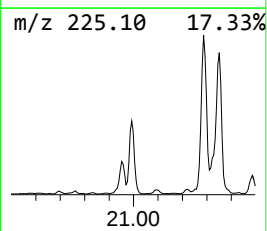
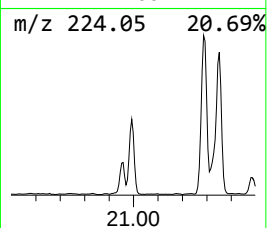
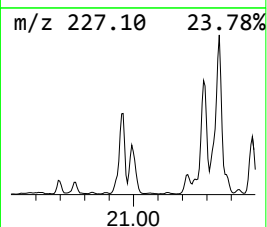
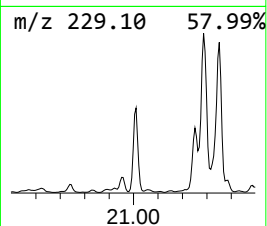
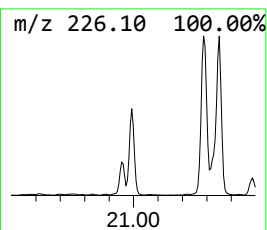
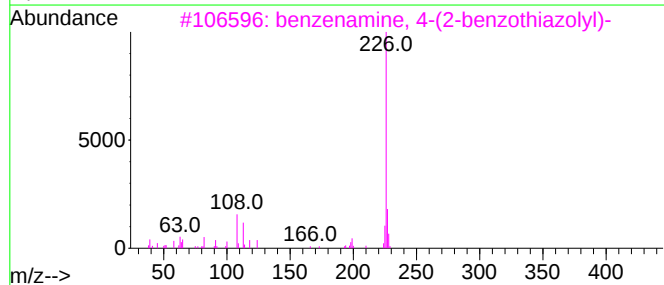
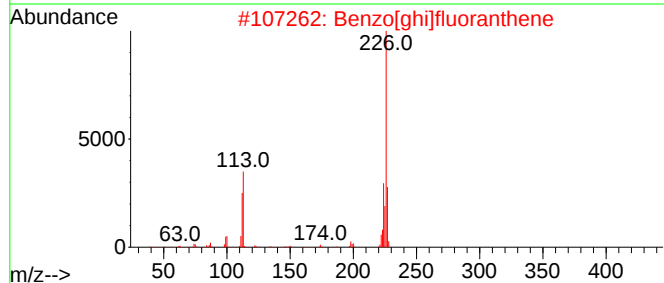
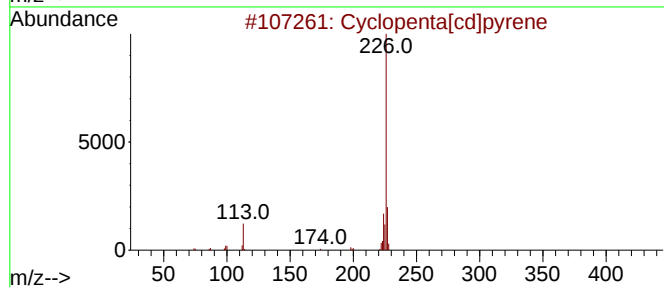
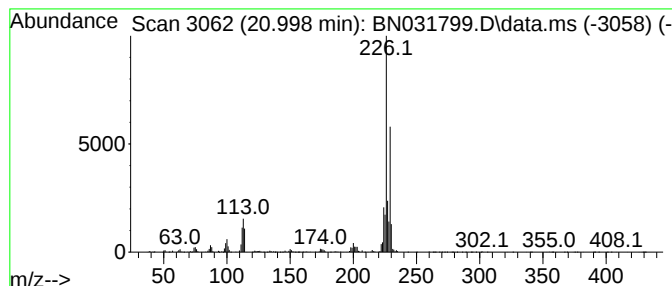
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.998	2.57 ng/ul	2885130	Chrysene-d12	21.304	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	53
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	47
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
5	1,1,3,3-Tetrachloro-1,3-disilacy...	224	C2H4Cl4Si2	002146-97-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
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Operator : MA/JU
Sample : P2591-11DL2 30X
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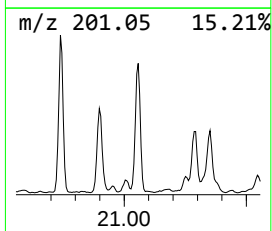
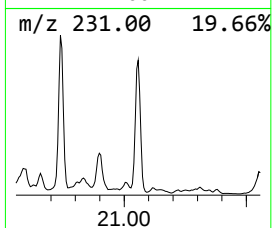
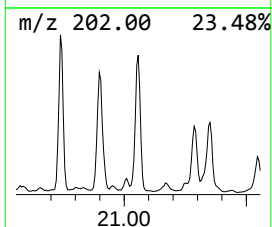
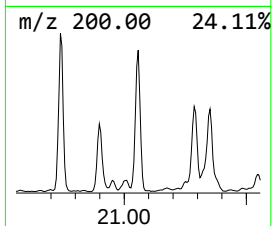
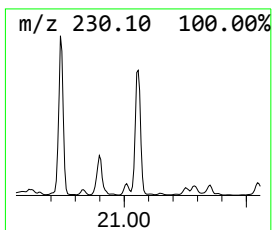
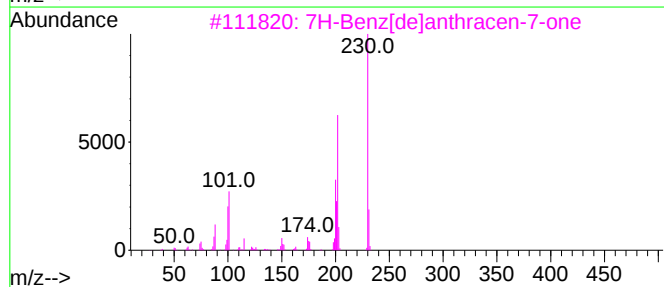
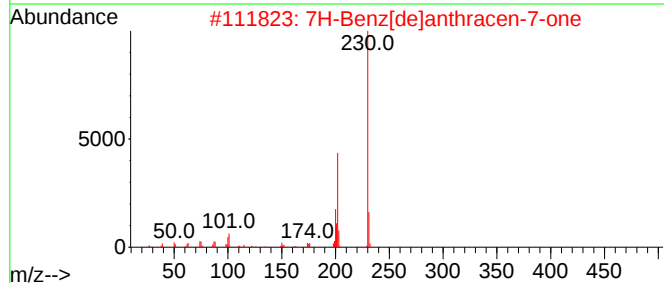
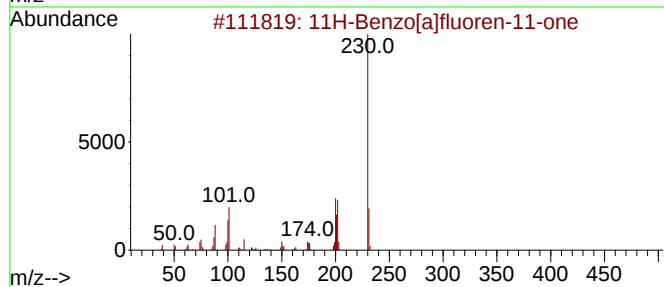
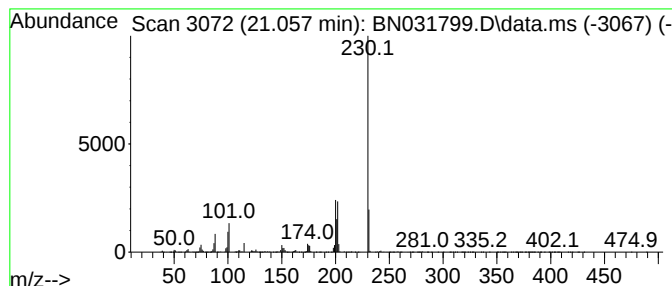
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.057	3.73 ng/ul	4179580	Chrysene-d12	21.304	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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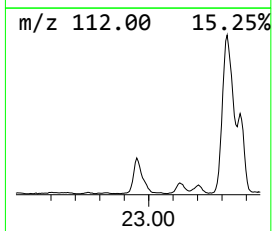
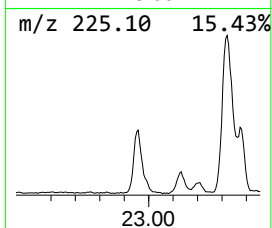
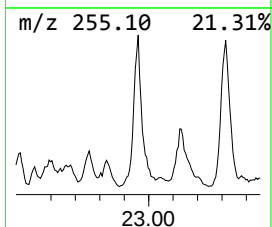
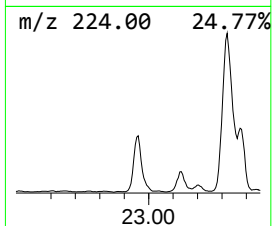
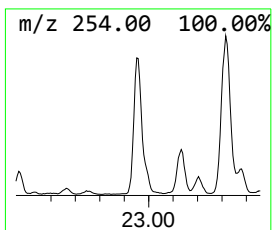
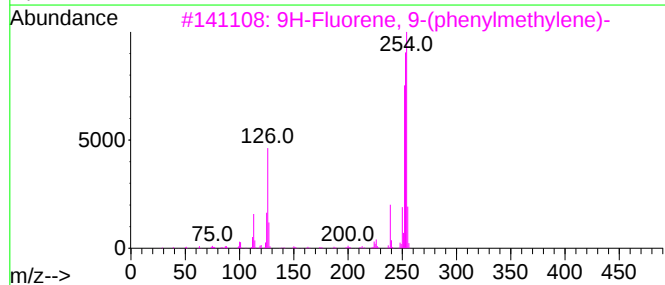
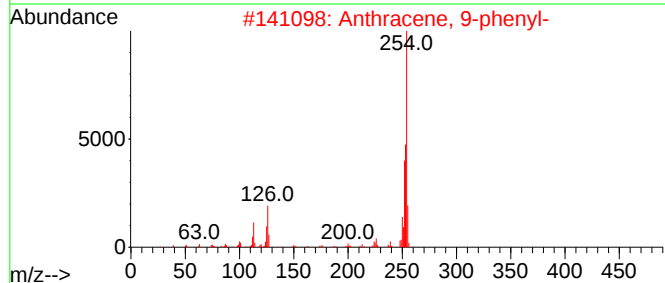
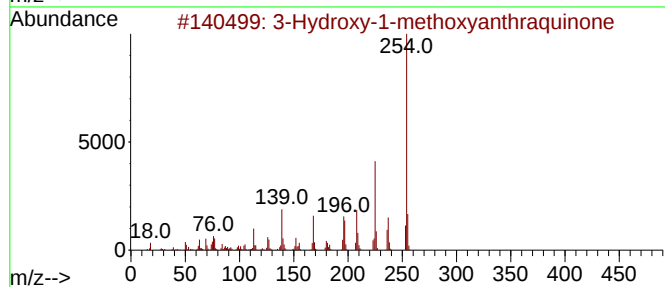
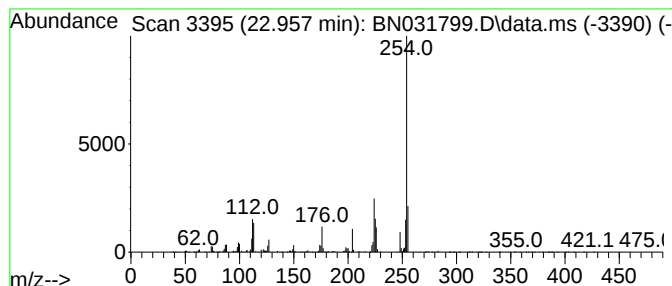
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 3-Hydroxy-1-methoxyanthraqu... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.957	7.93 ng/ul	2471970	Perylene-d12	24.245	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	53
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	50
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	50
4	Phenol, 5-amino-2-(5,7-dimethyl-...	254	C15H14N2O2	1000338-06-4	50
5	Chrysin	254	C15H10O4	000480-40-0	50



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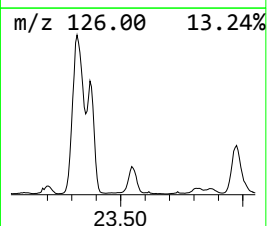
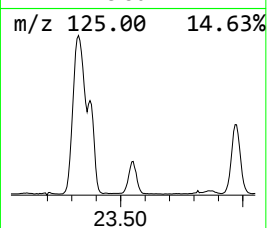
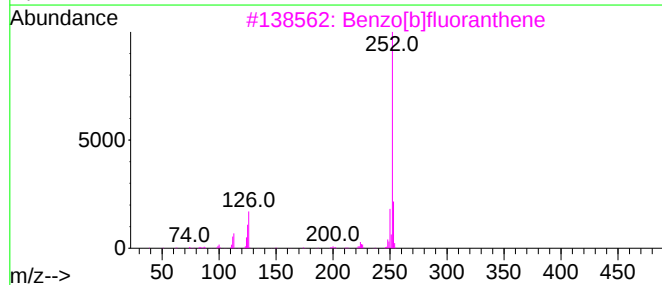
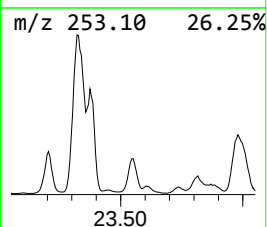
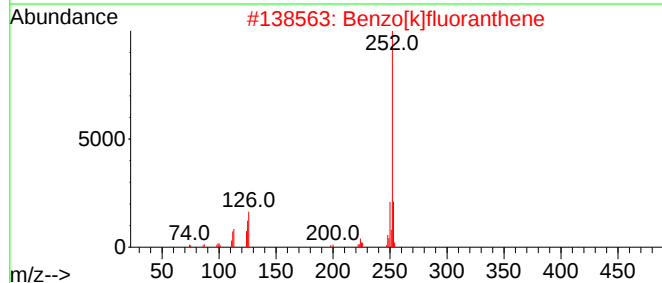
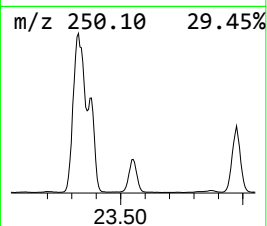
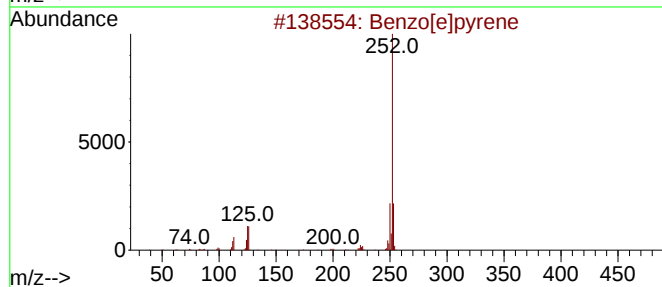
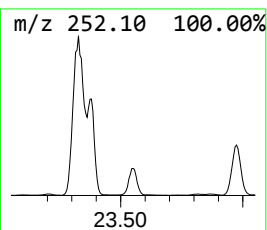
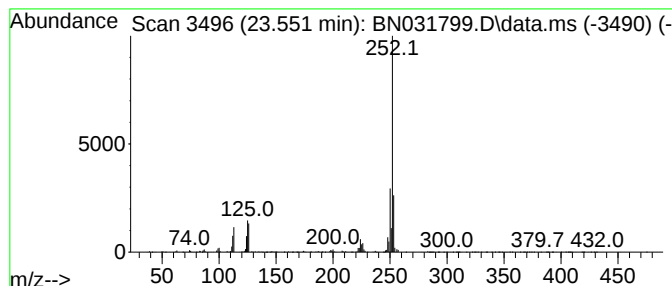
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.551	6.76 ng/ul	2106990	Perylene-d12	24.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4			Benzo[e]pyrene	252	C20H12	000192-97-2	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
Acq On : 05 Jun 2024 14:28
Operator : MA/JU
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ALS Vial : 5 Sample Multiplier: 1

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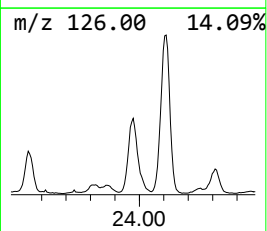
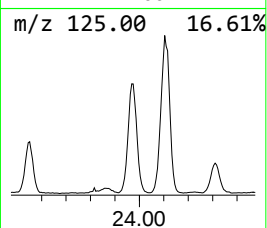
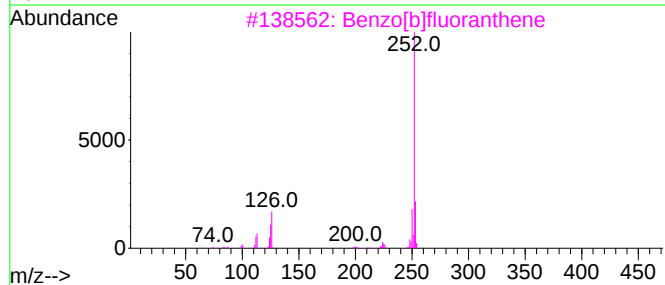
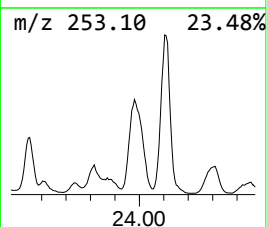
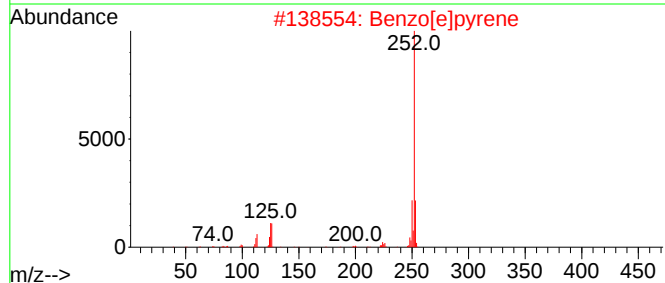
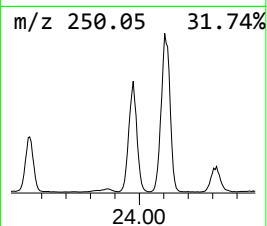
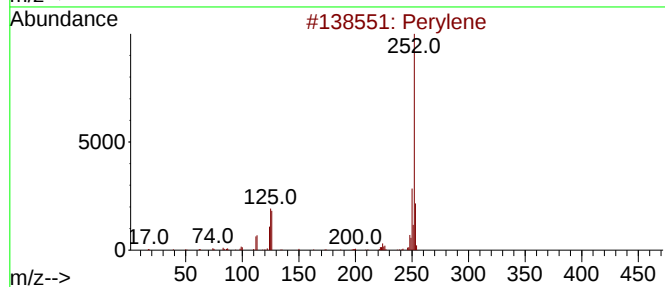
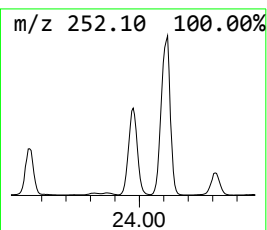
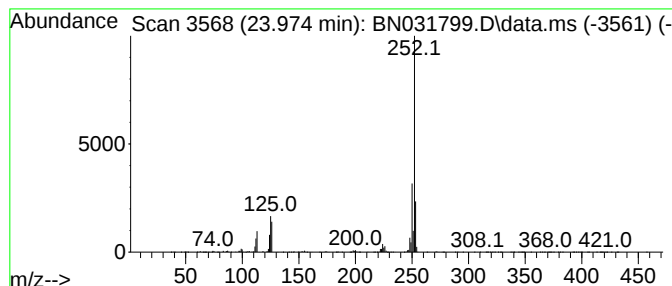
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.974	16.46 ng/ul	5130190	Perylene-d12	24.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	99
2			Benzo[e]pyrene	252	C20H12	000192-97-2	99
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
4			Benzo[e]pyrene	252	C20H12	000192-97-2	98
5			Benzo[a]pyrene	252	C20H12	000050-32-8	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031799.D
Acq On : 05 Jun 2024 14:28
Operator : MA/JU
Sample : P2591-11DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.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
Dibenzofuran, 4...	15.663	2.2	ng/ul	393470	3	14.316	3571750	20.0
[1,1'-Biphenyl]...	15.810	2.7	ng/ul	616266	4	17.069	4628320	20.0
9H-Fluoren-9-one	16.722	6.7	ng/ul	1556890	4	17.069	4628320	20.0
Dibenzothiophene	16.887	3.9	ng/ul	904511	4	17.069	4628320	20.0
9H-Fluorene-9-t...	17.645	2.0	ng/ul	470903	4	17.069	4628320	20.0
Phenanthrene, 2...	17.939	7.6	ng/ul	1752810	4	17.069	4628320	20.0
Anthracene, 2-m...	17.986	10.6	ng/ul	2443570	4	17.069	4628320	20.0
1H-Cyclopropa[1...	18.069	3.1	ng/ul	721019	4	17.069	4628320	20.0
4H-Cyclopenta[d...	18.134	11.4	ng/ul	2643690	4	17.069	4628320	20.0
Phenanthrene, 1...	18.175	4.1	ng/ul	941855	4	17.069	4628320	20.0
Naphthalene, 2-...	18.445	5.7	ng/ul	1326480	4	17.069	4628320	20.0
9,10-Anthracene...	18.486	7.3	ng/ul	1698680	4	17.069	4628320	20.0
Phenanthrene, 2...	18.869	5.5	ng/ul	1260890	4	17.069	4628320	20.0
unknown-01	18.928	2.5	ng/ul	577235	4	17.069	4628320	20.0
Cyclopenta(def)...	19.010	8.5	ng/ul	1961690	4	17.069	4628320	20.0
Pyrene, 1-methyl-	20.145	2.1	ng/ul	2305720	5	21.304	22416100	20.0
11H-Benzo[a]flu...	20.739	3.6	ng/ul	4032100	5	21.304	22416100	20.0
Benzo[b]naphtho...	20.910	3.1	ng/ul	3435340	5	21.304	22416100	20.0
Cyclopenta[cd]p...	20.998	2.6	ng/ul	2885130	5	21.304	22416100	20.0
7H-Benz[de]anth...	21.057	3.7	ng/ul	4179580	5	21.304	22416100	20.0
3-Hydroxy-1-met...	22.957	7.9	ng/ul	2471970	6	24.245	6233990	20.0
Benzo[e]pyrene	23.551	6.8	ng/ul	2106990	6	24.245	6233990	20.0
Perylene	23.974	16.5	ng/ul	5130190	6	24.245	6233990	20.0