

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031802.D
 Acq On : 05 Jun 2024 16:26
 Operator : MA/JU
 Sample : P2591-05DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5S8DL

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: BN031802.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	790	797	806	rBV	1179789	1910394	5.85%	0.533%
2	10.081	1197	1206	1218	rBV	158730	289509	0.89%	0.081%
3	10.457	1262	1270	1275	rBV	1857869	3214425	9.84%	0.897%
4	10.504	1275	1278	1287	rVV	568986	923291	2.83%	0.258%
5	12.122	1546	1553	1562	rBV	374413	603901	1.85%	0.169%
6	12.346	1583	1591	1600	rVB	283545	464510	1.42%	0.130%
7	13.634	1801	1810	1815	rBV	245013	452787	1.39%	0.126%
8	13.728	1823	1826	1837	rVV	304177	456421	1.40%	0.127%
9	14.010	1868	1874	1877	rBV	371364	605429	1.85%	0.169%
10	14.316	1917	1926	1932	rBV	3018070	4673304	14.31%	1.304%
11	14.381	1932	1937	1945	rVV	1238054	1863734	5.71%	0.520%
12	14.528	1956	1962	1968	rBV2	165476	325909	1.00%	0.091%
13	14.716	1985	1994	2003	rVV	1328965	2069145	6.34%	0.578%
14	15.310	2089	2095	2100	rVV	511136	806079	2.47%	0.225%
15	15.369	2100	2105	2114	rVV	1556047	2291722	7.02%	0.640%
16	15.445	2114	2118	2123	rVV2	117072	283815	0.87%	0.079%
17	15.528	2129	2132	2137	rVV	202804	319598	0.98%	0.089%
18	15.663	2150	2155	2162	rVV	555641	819348	2.51%	0.229%
19	15.810	2175	2180	2188	rVV	593383	1229127	3.76%	0.343%
20	15.898	2188	2195	2203	rVB3	145262	282699	0.87%	0.079%
21	16.045	2213	2220	2226	rVB3	201904	347171	1.06%	0.097%
22	16.345	2264	2271	2273	rBV3	213498	379080	1.16%	0.106%
23	16.375	2273	2276	2280	rVV2	284135	417685	1.28%	0.117%
24	16.598	2306	2314	2318	rBV2	254636	491705	1.51%	0.137%
25	16.722	2330	2335	2342	rVB	2008240	2895588	8.87%	0.808%
26	16.798	2343	2348	2355	rVV2	294730	676817	2.07%	0.189%
27	16.881	2358	2362	2372	rVB	1147463	1783780	5.46%	0.498%
28	17.069	2388	2394	2397	rVV	3662978	5783097	17.71%	1.614%
29	17.116	2397	2402	2407	rVV	16891956	26835534	82.16%	7.490%
30	17.169	2407	2411	2412	rVV2	882508	1137719	3.48%	0.318%
31	17.198	2412	2416	2422	rVV	4592248	6757530	20.69%	1.886%
32	17.257	2422	2426	2432	rVV2	452371	714730	2.19%	0.199%
33	17.475	2453	2463	2475	rBV2	3007585	5348696	16.38%	1.493%
34	17.586	2478	2482	2487	rVV3	359180	597082	1.83%	0.167%
35	17.651	2487	2493	2500	rVB4	477588	928989	2.84%	0.259%
36	17.863	2525	2529	2533	rBV	219080	286801	0.88%	0.080%

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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
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37	17.939	2533	2542	2546	rBV	2199229	3286423	10.06%	0.917%
38	17.992	2546	2551	2557	rVB	3141172	4665378	14.28%	1.302%
39	18.069	2559	2564	2569	rVB	1010293	1357236	4.16%	0.379%
40	18.139	2569	2576	2579	rBV2	2670788	4822656	14.77%	1.346%
41	18.175	2579	2582	2588	rVB	1321180	1748579	5.35%	0.488%
42	18.251	2590	2595	2599	rBV3	285827	483689	1.48%	0.135%
43	18.292	2599	2602	2606	rVV2	405440	507202	1.55%	0.142%
44	18.386	2614	2618	2623	rVB4	203714	318685	0.98%	0.089%
45	18.445	2623	2628	2632	rBV	1748750	2389566	7.32%	0.667%
46	18.492	2632	2636	2641	rVB	2185798	2897658	8.87%	0.809%
47	18.692	2666	2670	2674	rVB4	404632	532293	1.63%	0.149%
48	18.739	2674	2678	2682	rVB	413222	526287	1.61%	0.147%
49	18.780	2682	2685	2690	rVB	469656	609646	1.87%	0.170%
50	18.869	2694	2700	2705	rBV2	974169	2157029	6.60%	0.602%
51	18.928	2706	2710	2713	rVV3	489565	880385	2.70%	0.246%
52	18.957	2713	2715	2719	rVV2	377962	447913	1.37%	0.125%
53	19.010	2719	2724	2732	rVB	2042713	3063720	9.38%	0.855%
54	19.139	2738	2746	2751	rVB	20261646	32660986	100.00%	9.116%
55	19.198	2752	2756	2758	rBV	340268	434781	1.33%	0.121%
56	19.228	2758	2761	2767	rVB	586098	770641	2.36%	0.215%
57	19.333	2773	2779	2781	rBV2	505441	880976	2.70%	0.246%
58	19.375	2782	2786	2790	rVB2	632136	980135	3.00%	0.274%
59	19.469	2796	2802	2803	rBV	5065272	6832004	20.92%	1.907%
60	19.498	2803	2807	2814	rVV	15848276	24702069	75.63%	6.895%
61	19.563	2814	2818	2825	rVB2	1256532	1869980	5.73%	0.522%
62	19.675	2832	2837	2842	rBV	1613117	2097692	6.42%	0.586%
63	19.739	2842	2848	2854	rVB	1507058	2415627	7.40%	0.674%
64	19.816	2855	2861	2862	rBV2	1565579	2266502	6.94%	0.633%
65	19.951	2879	2884	2887	rBV5	1299583	2521444	7.72%	0.704%
66	19.992	2887	2891	2895	rVB	1767778	2569947	7.87%	0.717%
67	20.039	2896	2899	2903	rBV	243272	358598	1.10%	0.100%
68	20.092	2904	2908	2911	rBV2	640583	842013	2.58%	0.235%
69	20.145	2911	2917	2922	rVV2	2039423	3695149	11.31%	1.031%
70	20.186	2922	2924	2928	rVB	639576	671444	2.06%	0.187%
71	20.227	2928	2931	2936	rBV	505768	721787	2.21%	0.201%
72	20.286	2937	2941	2945	rBV	882427	1160263	3.55%	0.324%
73	20.333	2945	2949	2954	rVV3	924443	1340737	4.11%	0.374%
74	20.551	2982	2986	2988	rBV4	412981	620008	1.90%	0.173%
75	20.651	3001	3003	3008	rVB2	258270	281580	0.86%	0.079%
76	20.739	3013	3018	3025	rVV	4456561	6178110	18.92%	1.724%

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Integration Parameters: LSCINT.P

Integrator: RTE

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 Title : SVOA CALIBRATION

77	20.910	3040	3047	3051	rBV2	2737440	5321376	16.29%	1.485%
78	20.951	3051	3054	3058	rVV	2126577	2908185	8.90%	0.812%
79	20.998	3058	3062	3067	rVV2	2042535	3994372	12.23%	1.115%
80	21.057	3067	3072	3083	rVB	4258008	6727521	20.60%	1.878%
81	21.174	3084	3092	3096	rBV	749536	1876423	5.75%	0.524%
82	21.292	3102	3112	3118	rBV3	13497926	31240048	95.65%	8.720%
83	21.351	3118	3122	3133	rVB	11090011	18140400	55.54%	5.063%
84	21.486	3141	3145	3152	rBV2	859132	1577542	4.83%	0.440%
85	21.551	3153	3156	3161	rBV5	443069	872043	2.67%	0.243%
86	21.674	3172	3177	3184	rBV3	824900	1732614	5.30%	0.484%
87	21.739	3184	3188	3192	rVV3	571655	843370	2.58%	0.235%
88	21.974	3224	3228	3234	rVB	1893074	3199109	9.79%	0.893%
89	22.045	3235	3240	3246	rVB2	1092463	1997663	6.12%	0.558%
90	22.227	3266	3271	3275	rBV2	800261	1445995	4.43%	0.404%
91	22.363	3288	3294	3306	rVB5	700108	1939602	5.94%	0.541%
92	22.592	3330	3333	3339	rVB2	532792	888330	2.72%	0.248%
93	22.957	3390	3395	3415	rVB3	939880	3501281	10.72%	0.977%
94	23.333	3448	3459	3465	rBV3	8114535	26742984	81.88%	7.464%
95	23.551	3490	3496	3504	rVB	1424018	2952825	9.04%	0.824%
96	23.739	3523	3528	3531	rBV3	503203	1051556	3.22%	0.294%
97	23.968	3561	3567	3583	rVB2	1799612	5240520	16.05%	1.463%
98	24.110	3583	3591	3603	rVB	4049795	10317331	31.59%	2.880%
99	24.245	3606	3614	3622	rBV	2773967	7635015	23.38%	2.131%
100	27.557	4167	4177	4198	rVB3	1966761	9290892	28.45%	2.593%

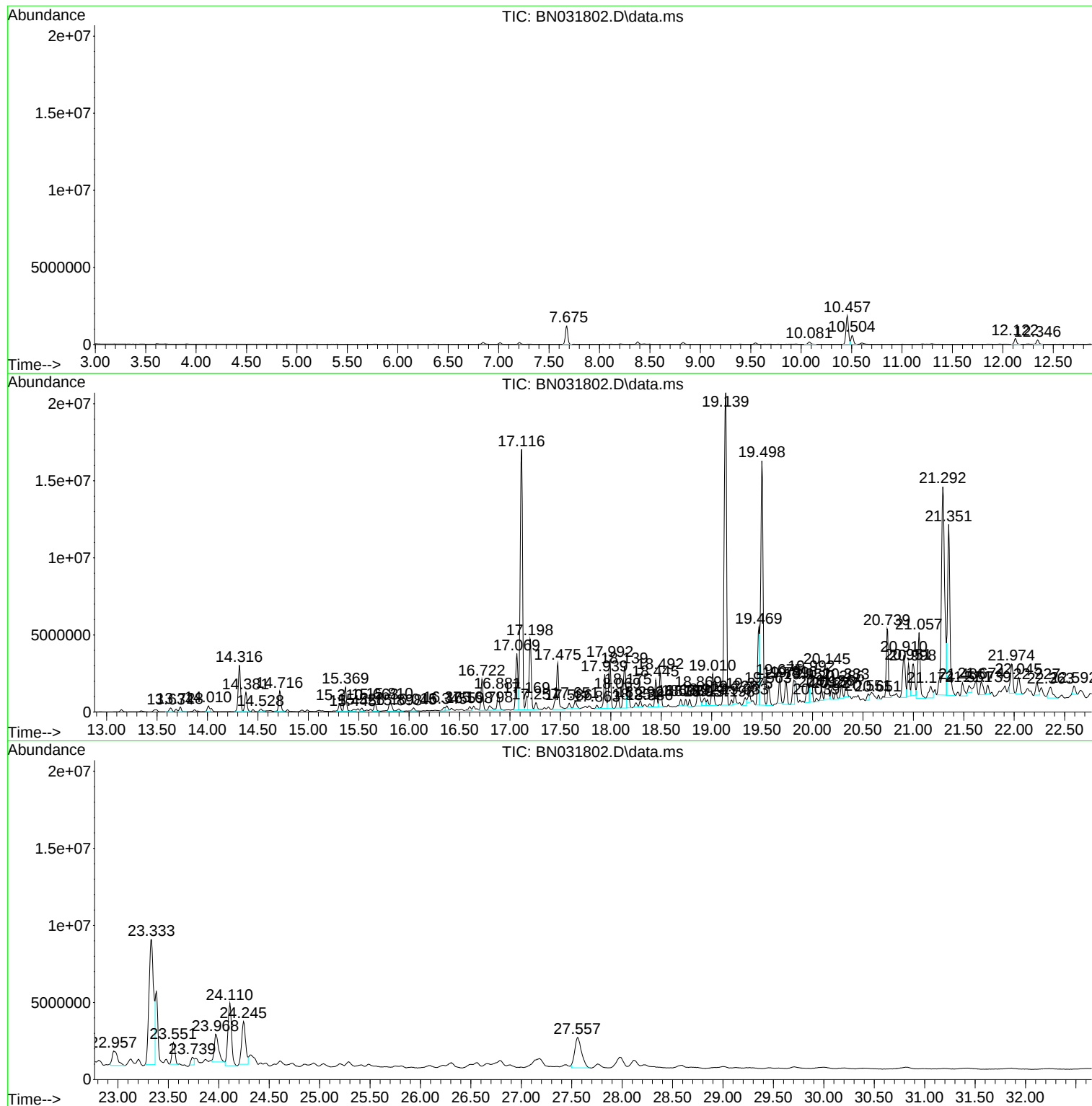
Sum of corrected areas: 358270966

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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



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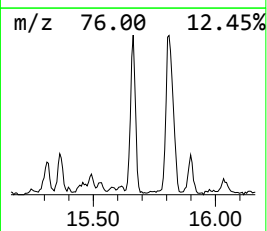
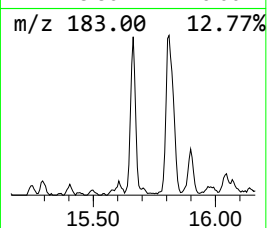
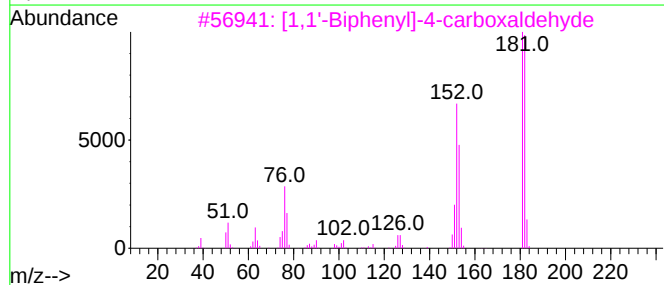
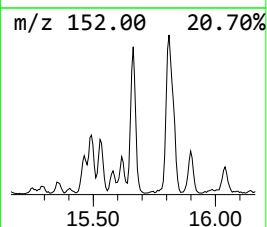
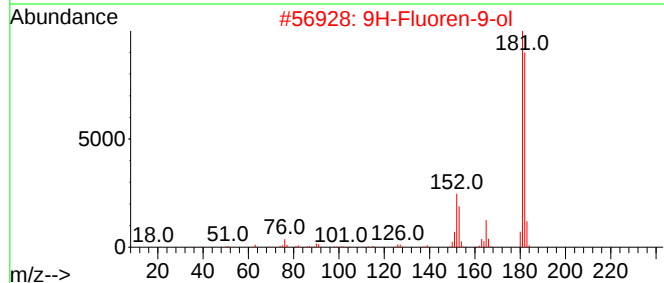
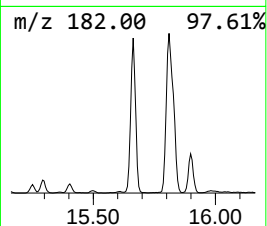
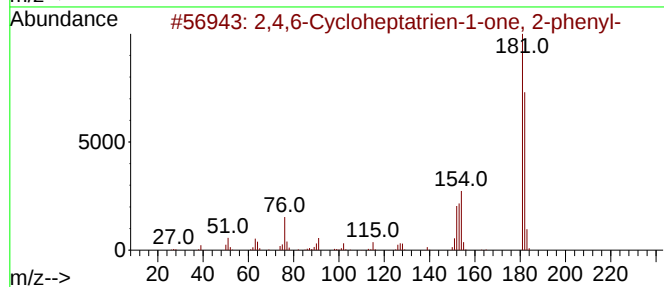
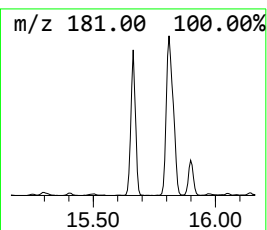
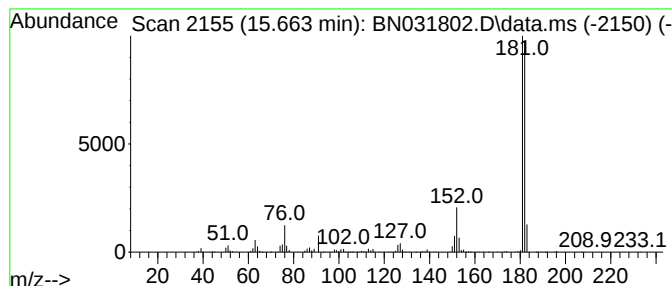
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2,4,6-Cycloheptatrien-1-one... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.663	3.51 ng/ul	819348	Acenaphthene-d10	14.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76



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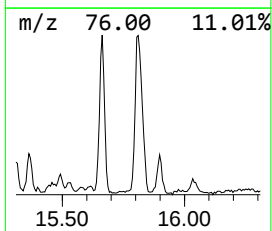
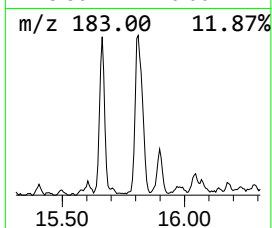
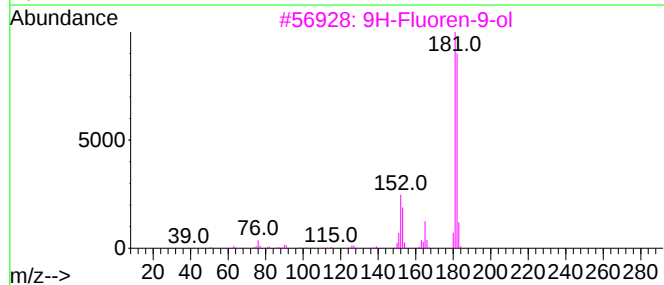
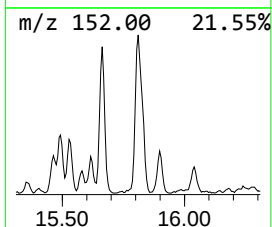
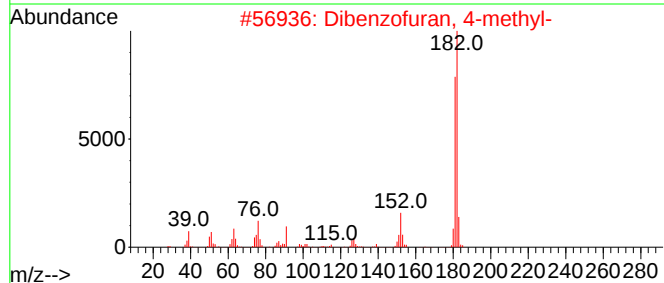
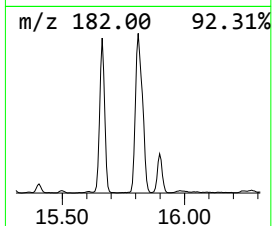
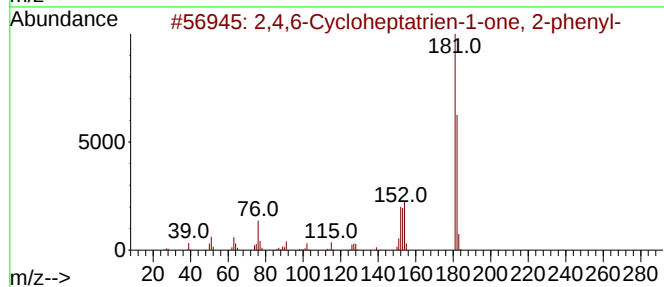
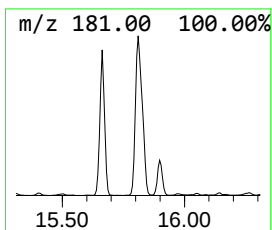
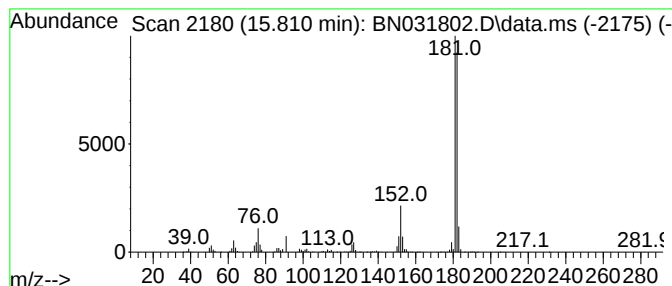
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.810	4.25 ng/ul	1229130	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78



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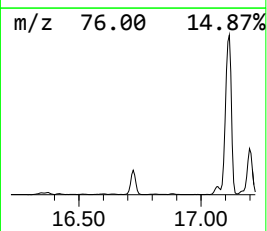
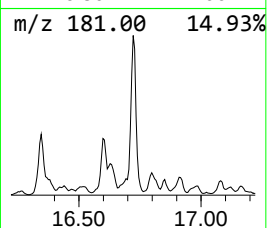
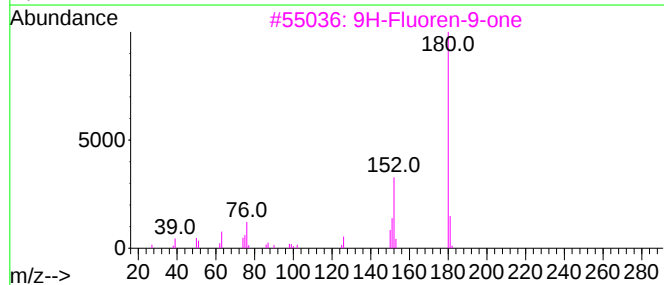
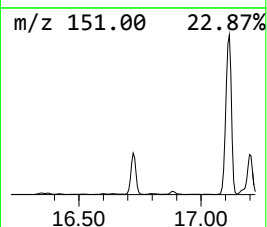
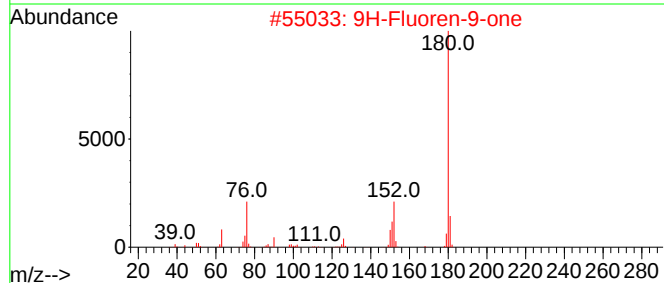
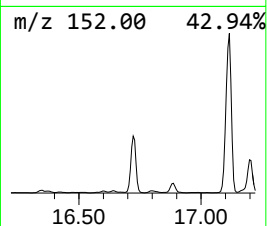
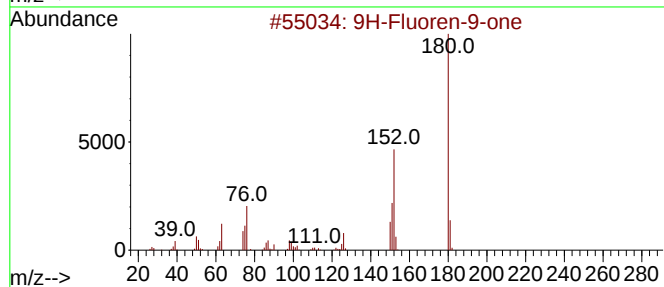
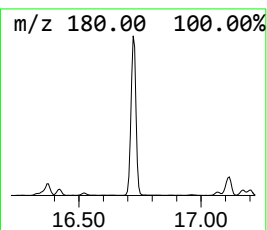
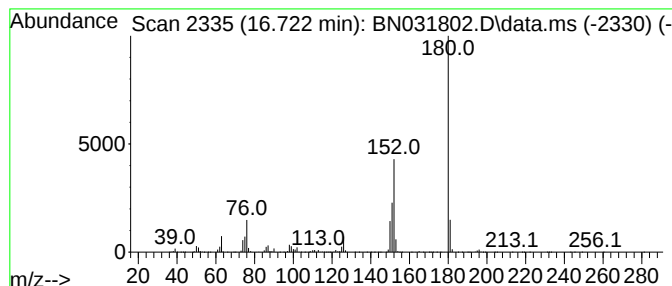
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 9H-Fluoren-9-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.722	10.01 ng/ul	2895590	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 : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL

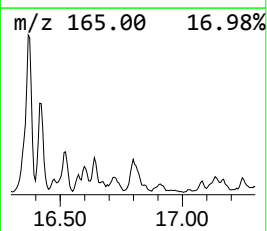
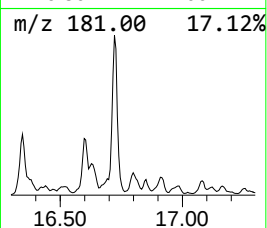
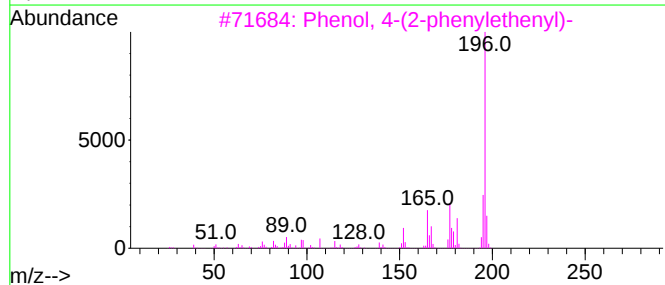
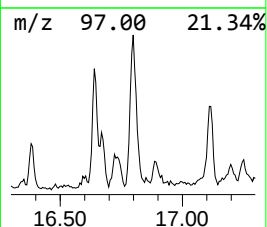
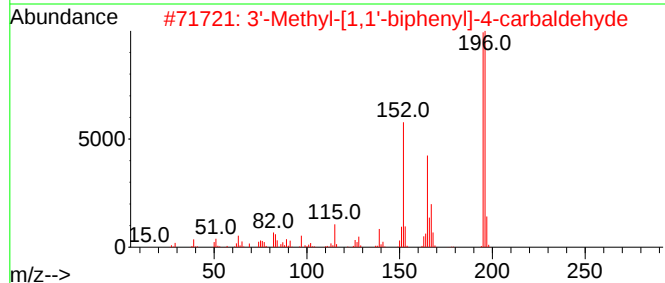
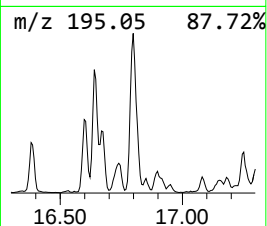
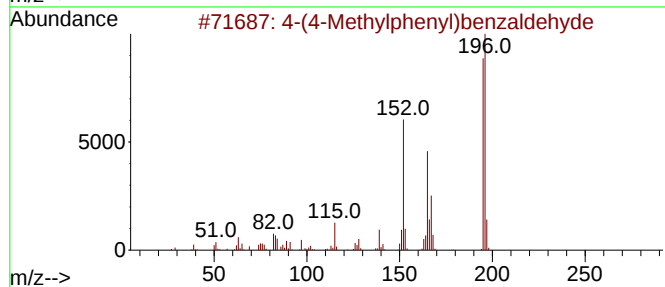
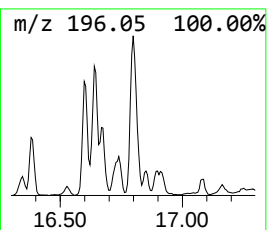
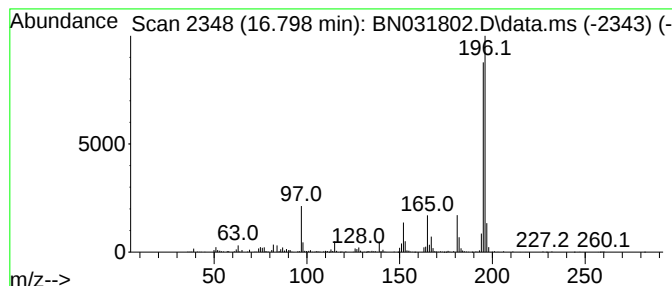
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 4-(4-Methylphenyl)benzaldehyde Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.798	2.34 ng/ul	676817	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	83
2			3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	81
3			Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
4			Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	49
5			Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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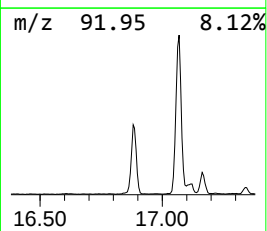
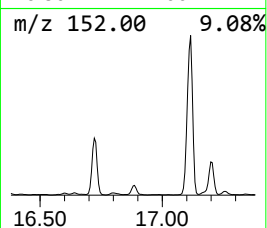
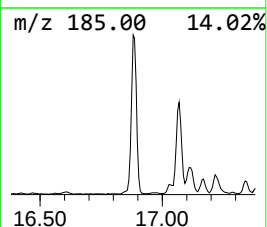
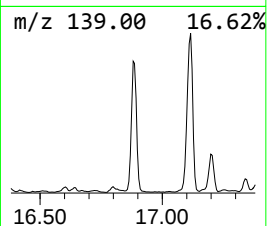
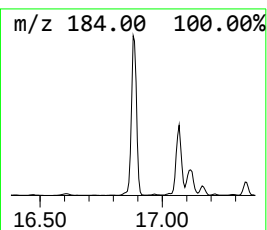
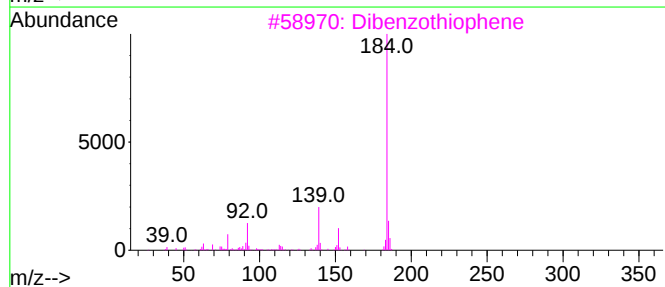
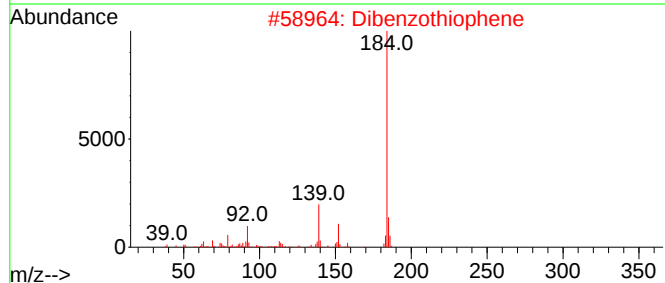
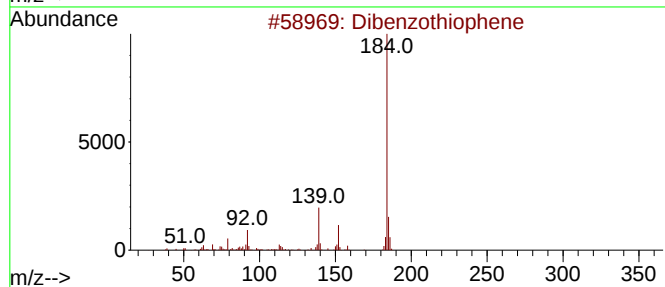
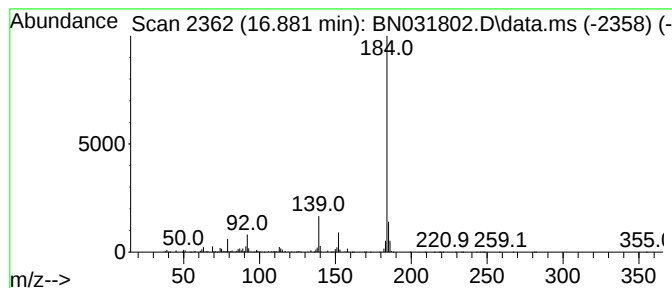
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.881	6.17 ng/ul	1783780	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			Dibenzothiophene	184	C12H8S	000132-65-0	97
4			Dibenzothiophene	184	C12H8S	000132-65-0	97
5			Dibenzothiophene	184	C12H8S	000132-65-0	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
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Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
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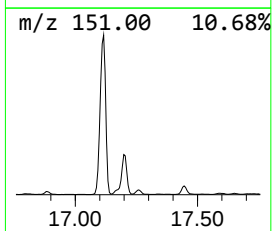
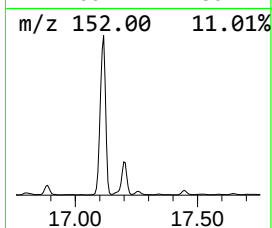
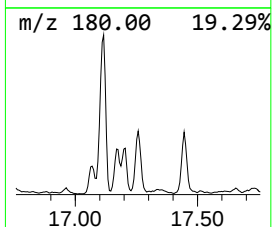
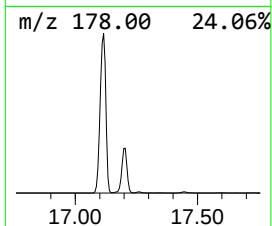
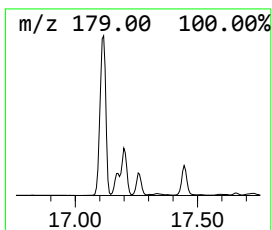
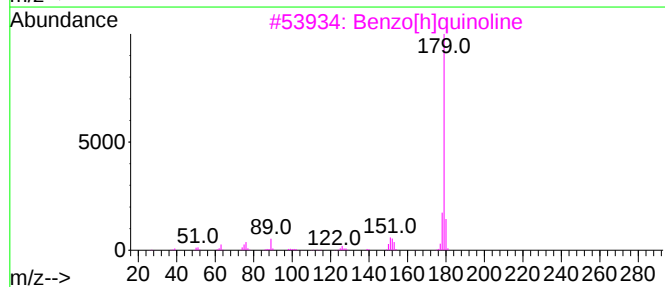
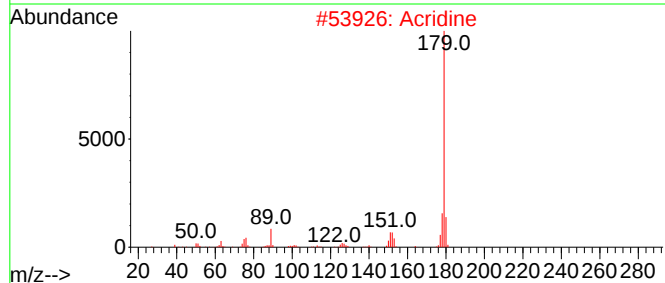
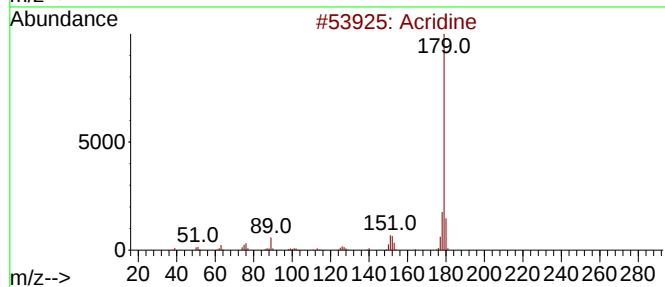
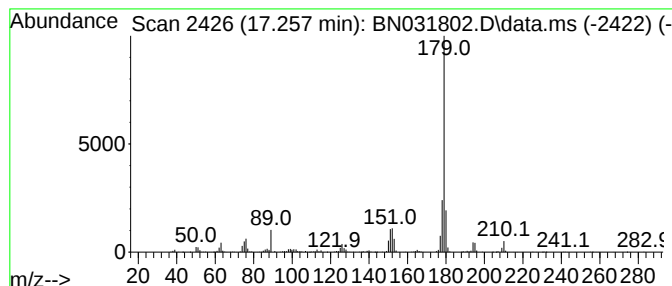
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Acridine Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.257	2.47 ng/ul	714730	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	94
2	Acridine	179	C13H9N	000260-94-6	94
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	93
4	Phenanthridine	179	C13H9N	000229-87-8	93
5	Acridine	179	C13H9N	000260-94-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
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Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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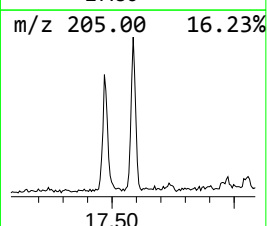
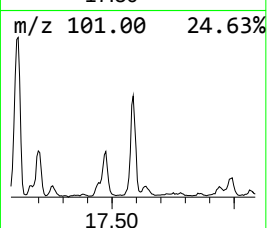
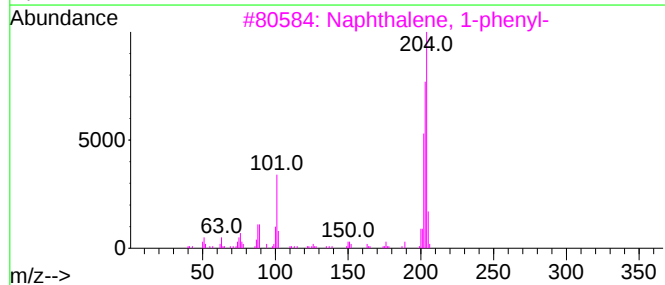
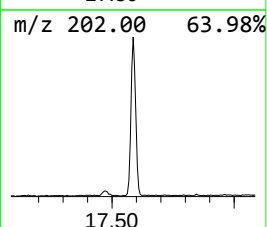
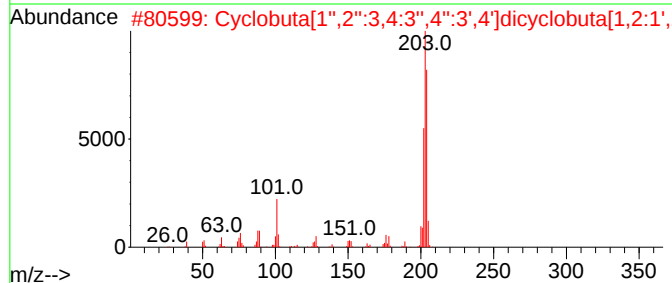
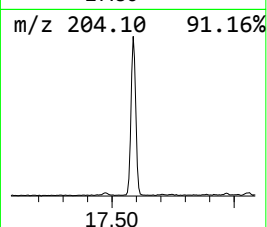
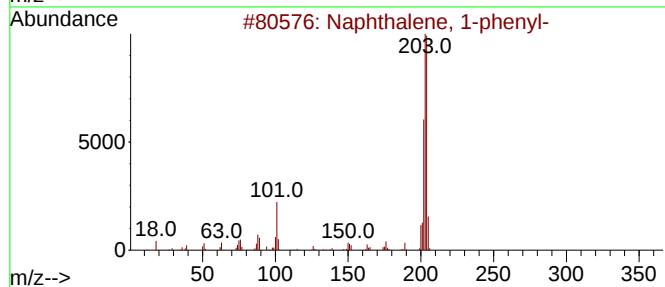
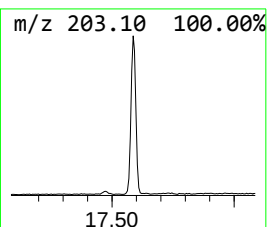
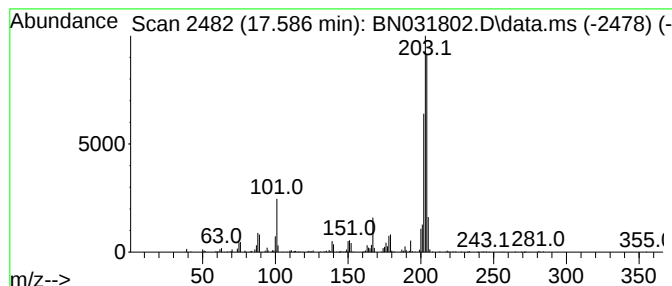
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1-phenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.586	2.06 ng/ul	597082	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
2			Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	89
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
4			Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
5			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
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Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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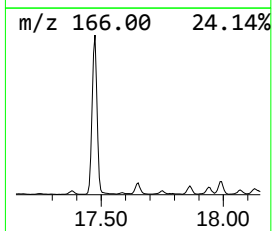
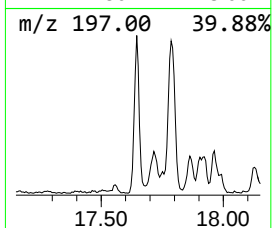
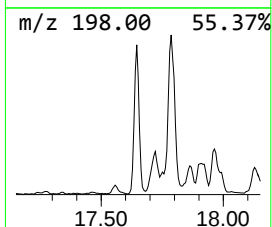
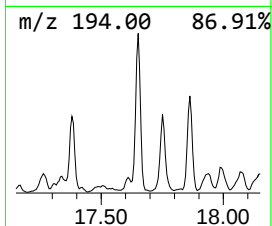
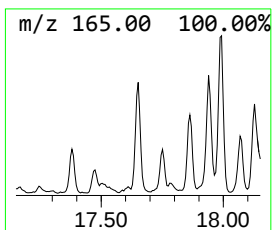
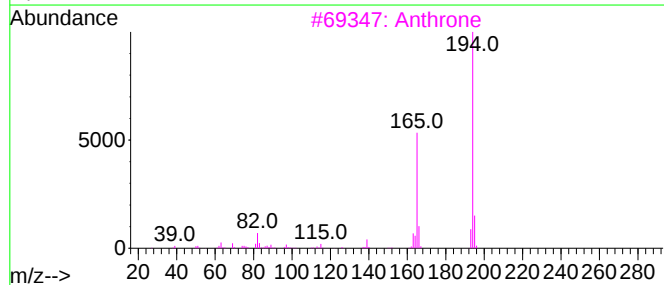
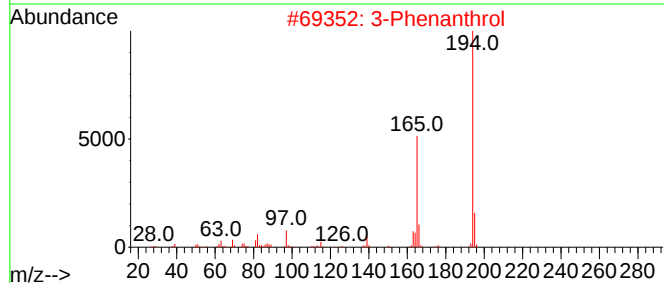
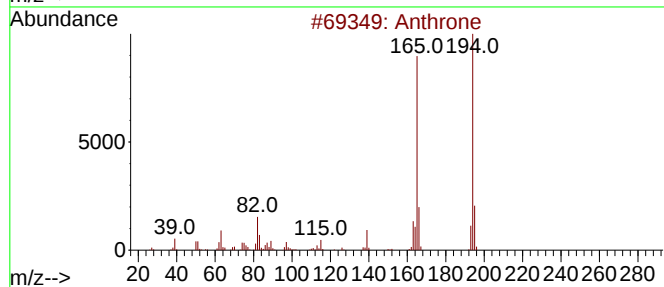
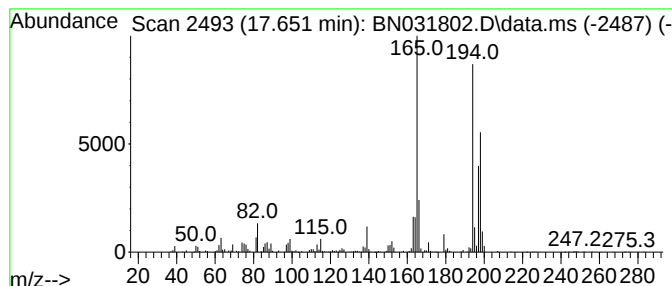
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Anthrone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	3.21 ng/ul	928989	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthrone	194	C14H10O	000090-44-8	83
2			3-Phenanthrol	194	C14H10O	000605-87-8	70
3			Anthrone	194	C14H10O	000090-44-8	70
4			Anthrone	194	C14H10O	000090-44-8	64
5			9-anthracenol	194	C14H10O	1000400-30-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
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ALS Vial : 12 Sample Multiplier: 1

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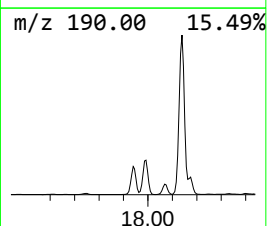
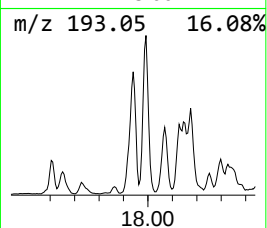
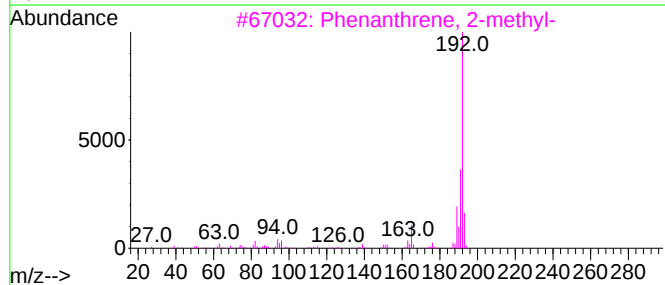
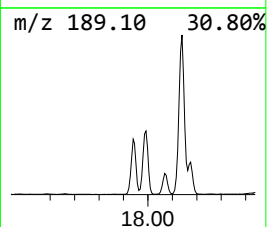
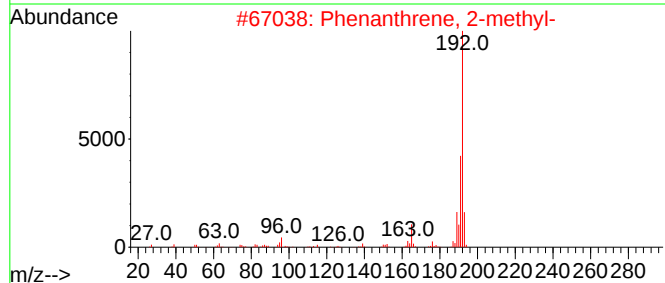
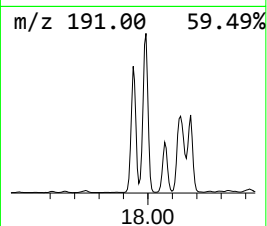
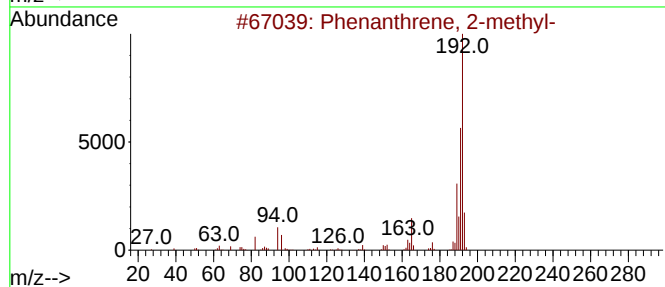
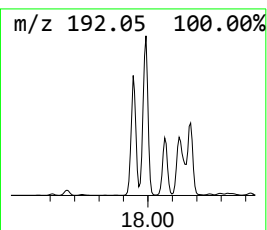
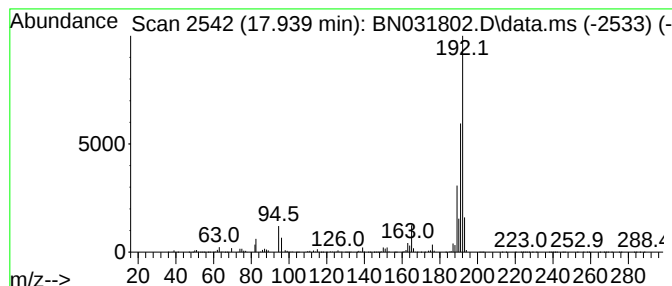
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	11.37 ng/ul	3286420	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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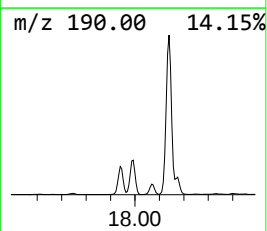
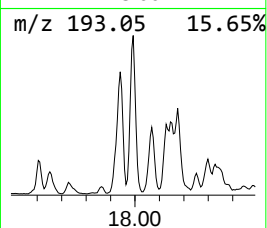
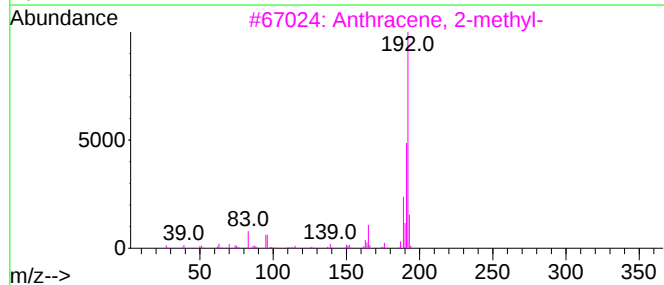
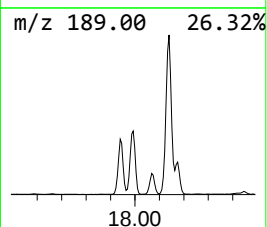
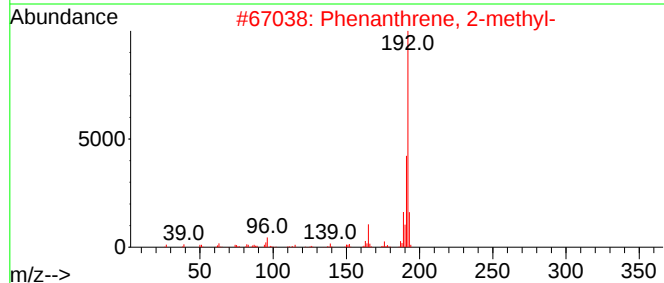
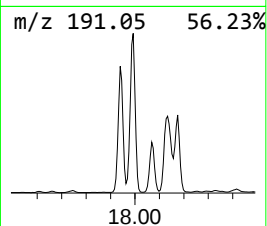
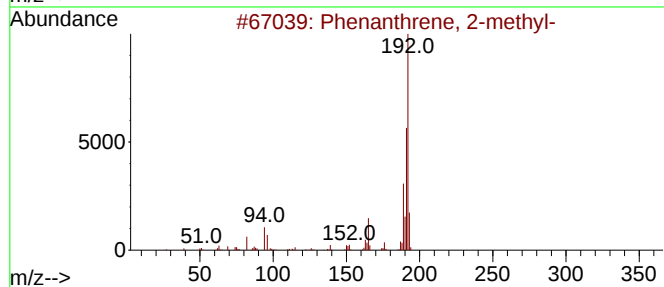
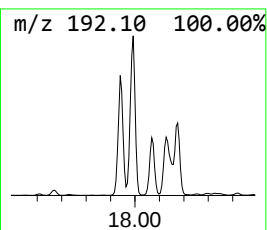
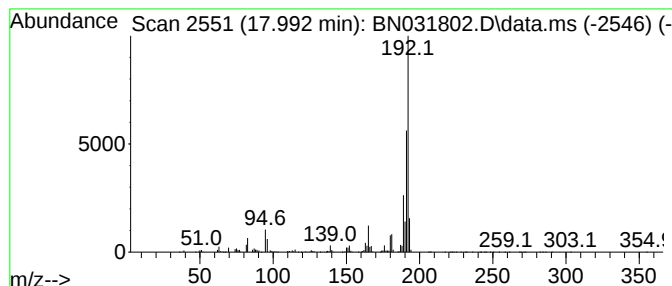
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	16.13 ng/ul	4665380	Phenanthrene-d10	17.069

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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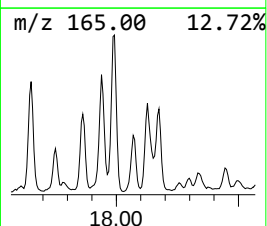
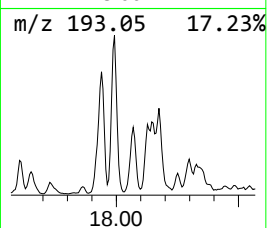
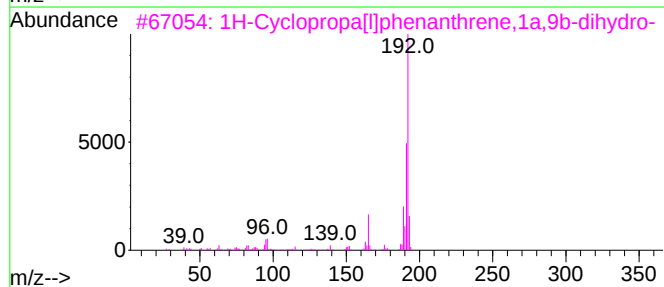
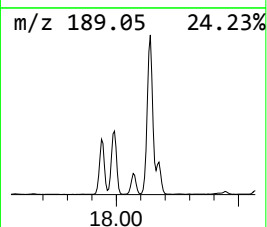
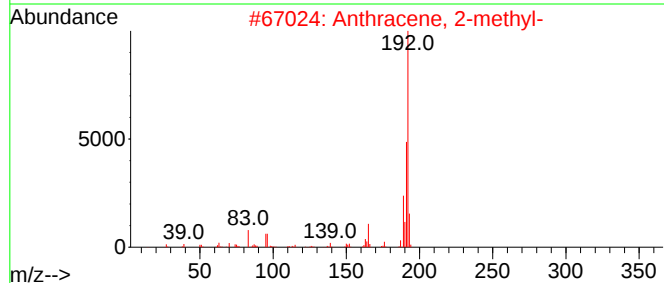
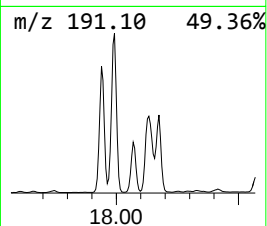
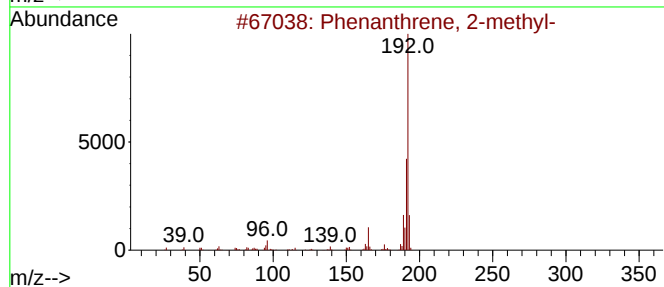
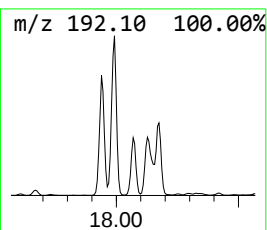
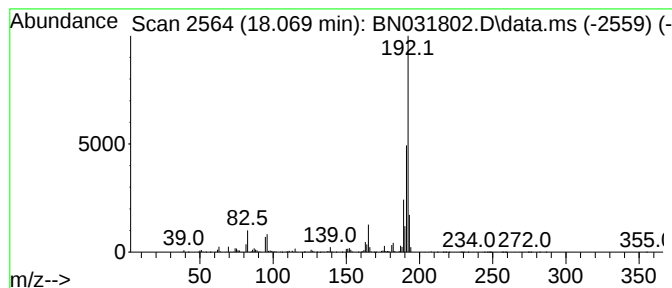
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	4.69 ng/ul	1357240	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[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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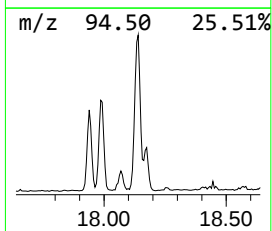
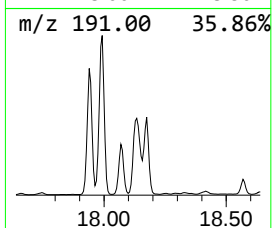
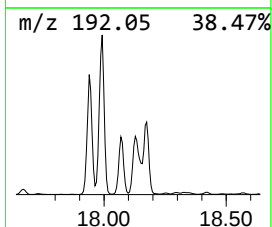
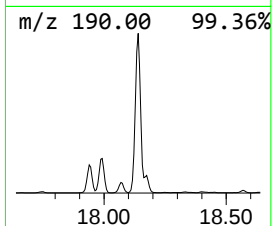
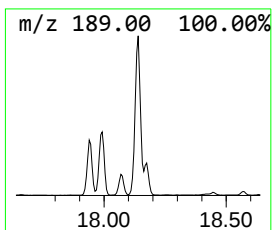
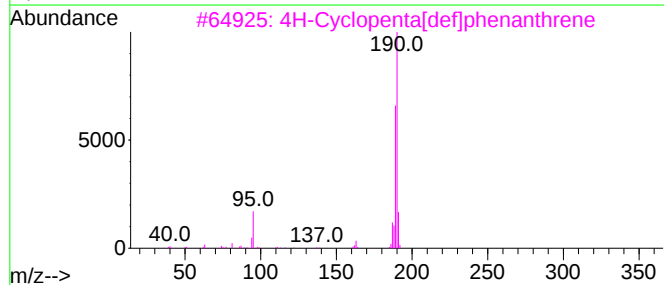
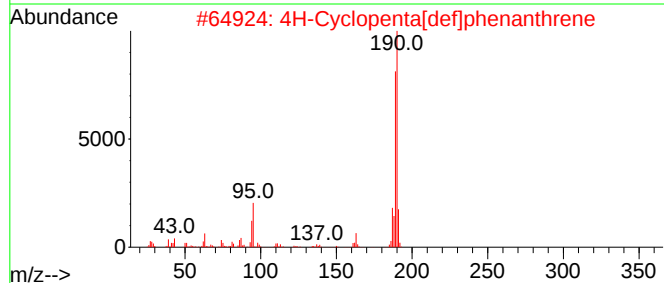
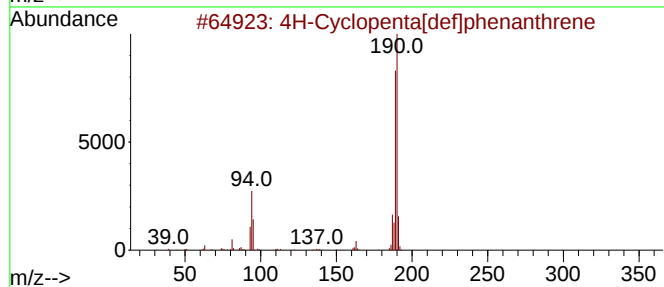
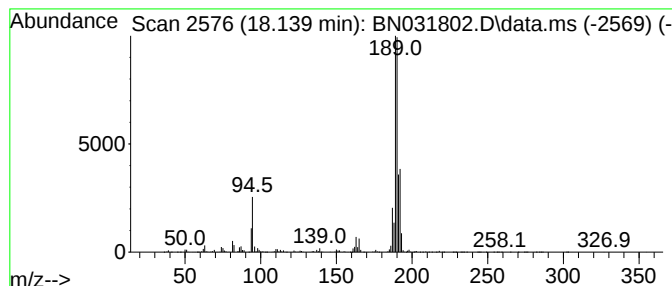
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	16.68 ng/ul	4822660	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4			Methyl diselenide	190	C2H6Se2	007101-31-7	46
5			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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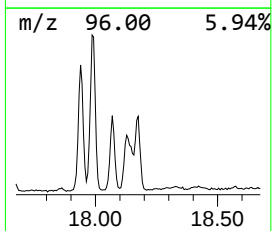
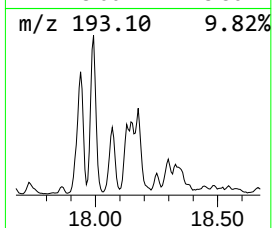
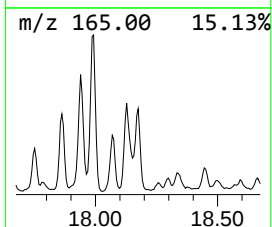
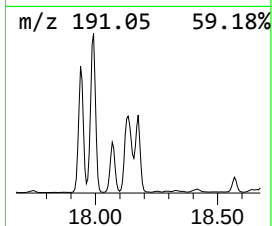
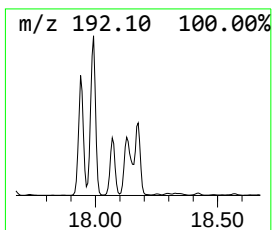
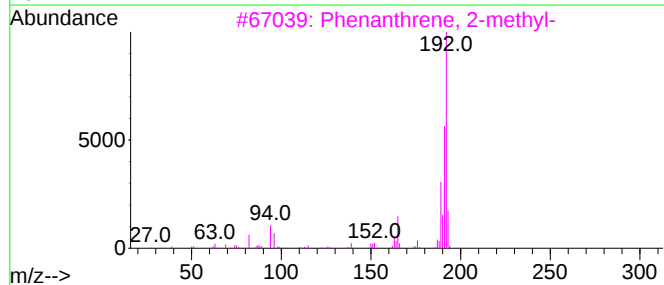
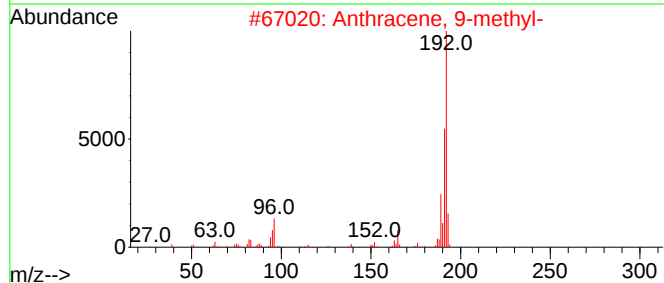
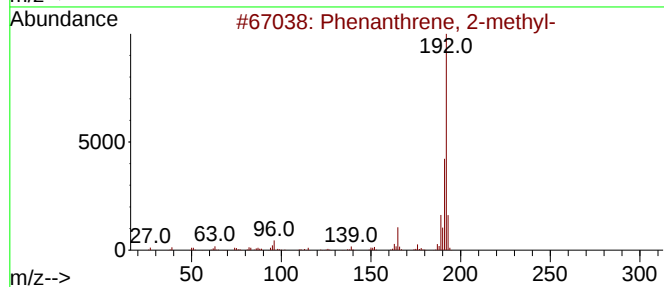
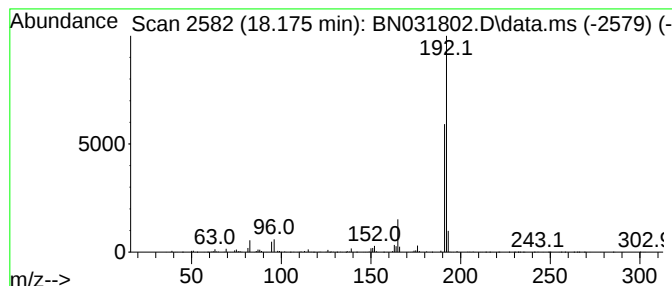
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	6.05 ng/ul	1748580	Phenanthrene-d10	17.069

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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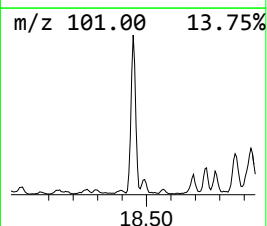
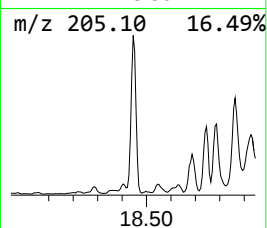
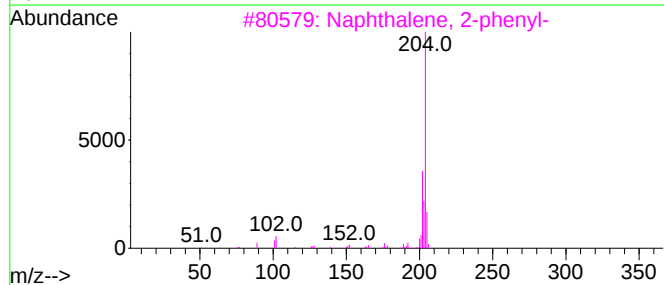
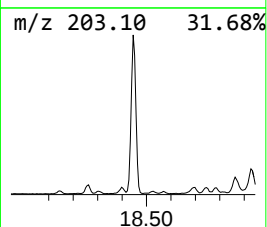
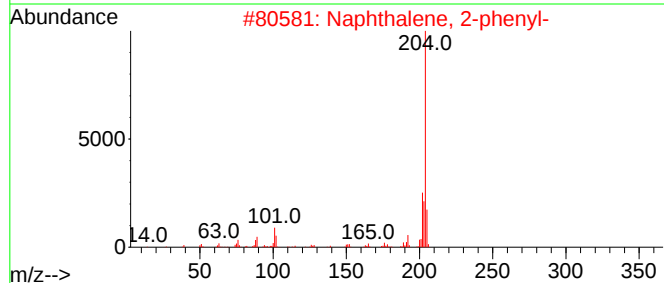
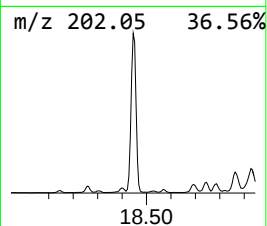
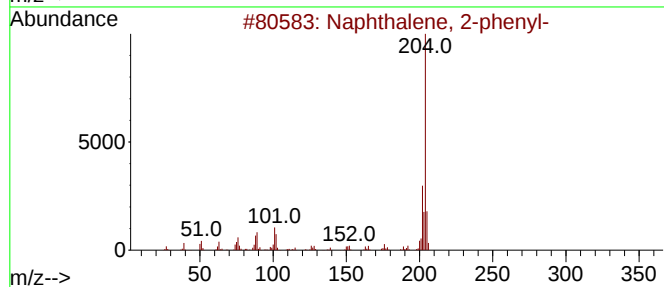
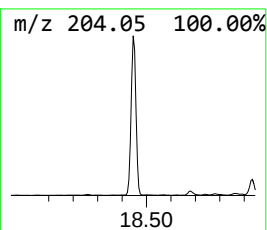
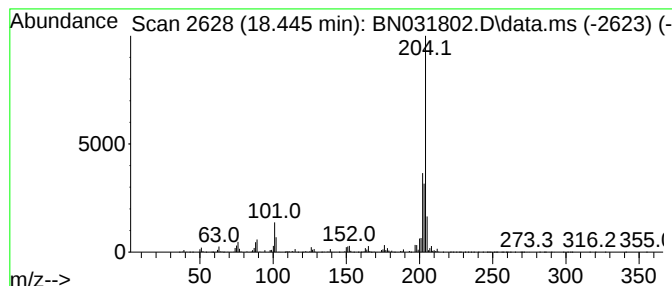
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	8.26 ng/ul	2389570	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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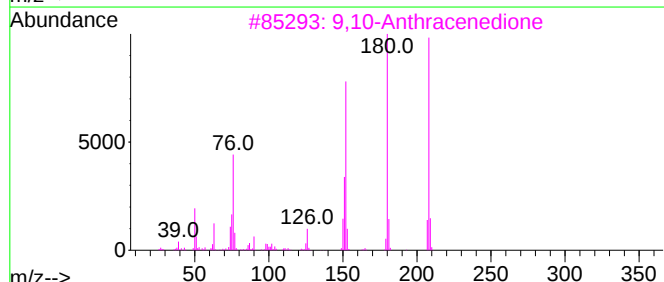
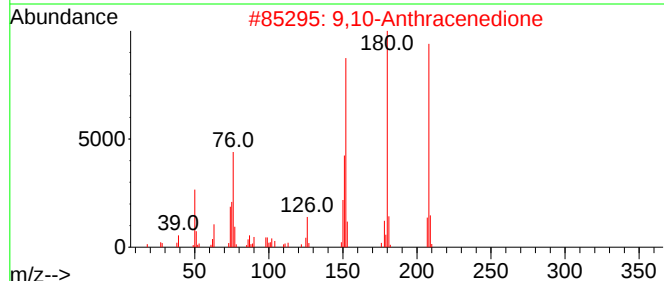
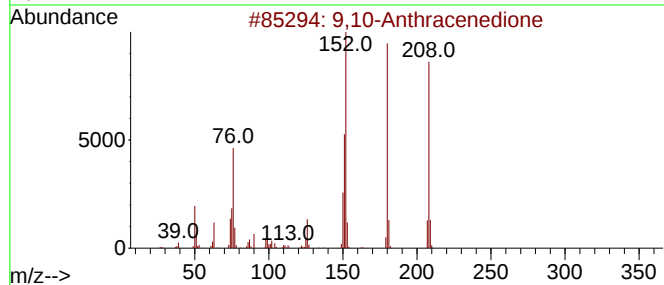
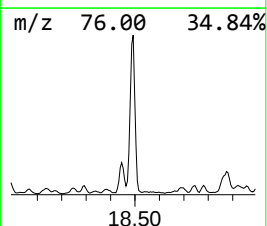
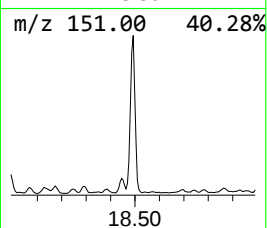
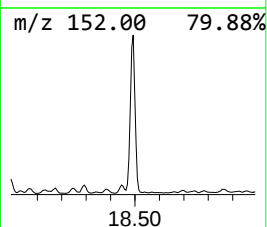
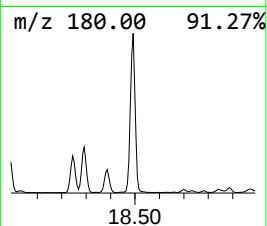
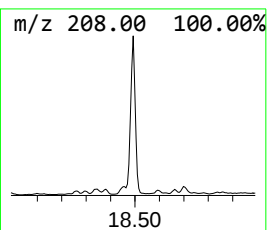
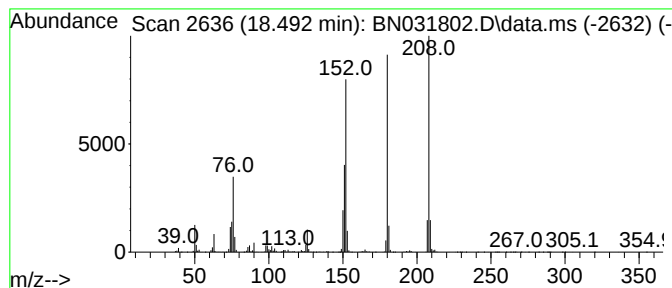
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	10.02 ng/ul	2897660	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	97
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
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Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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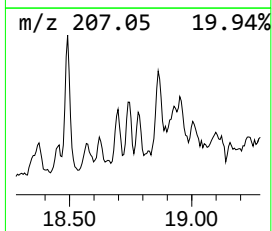
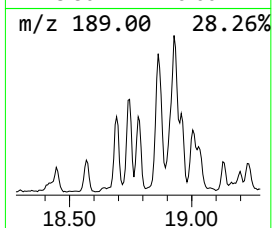
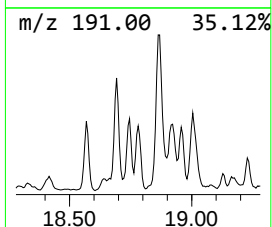
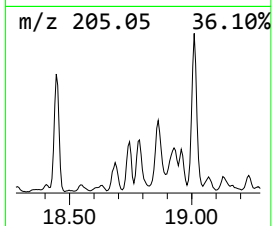
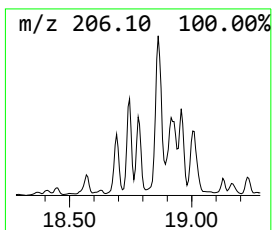
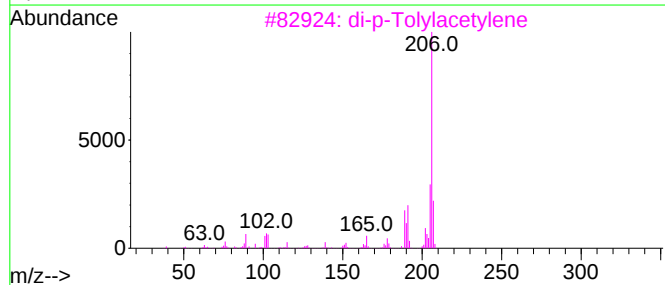
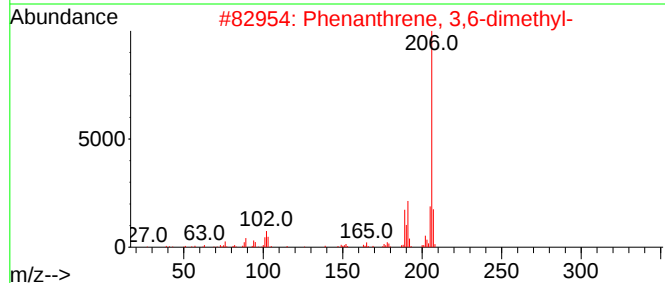
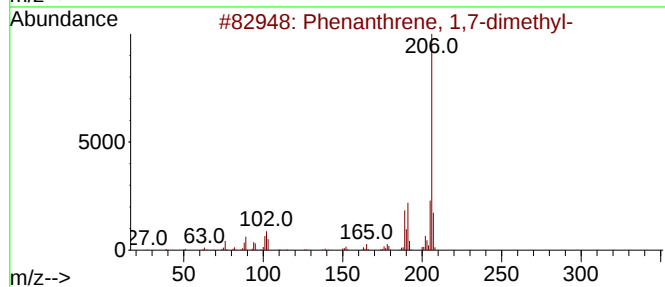
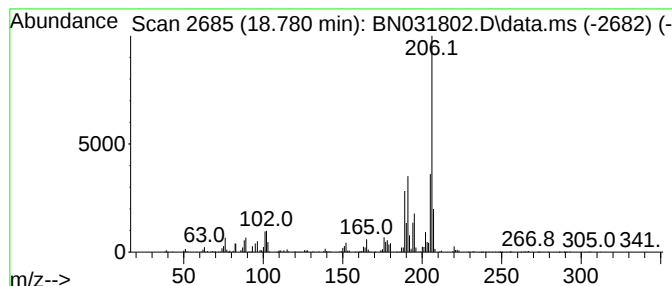
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Phenanthrene, 1,7-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.781	2.11 ng/ul	609646	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

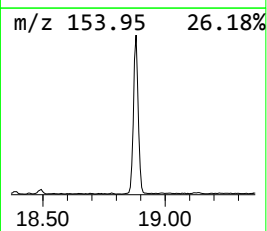
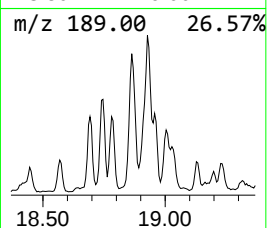
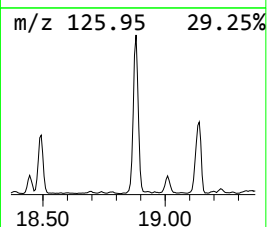
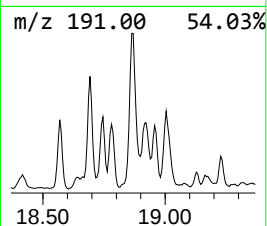
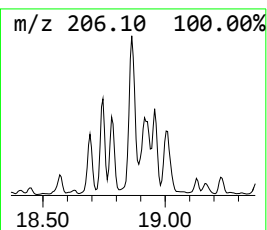
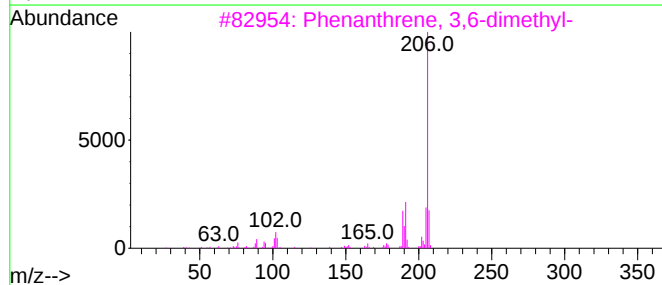
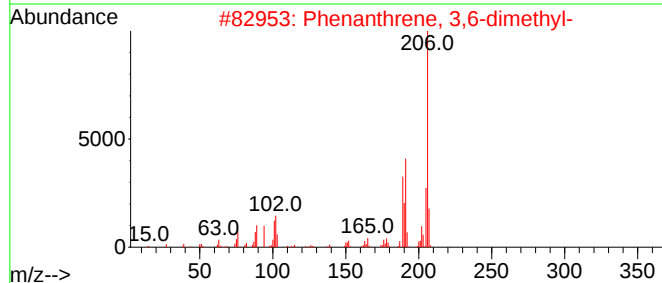
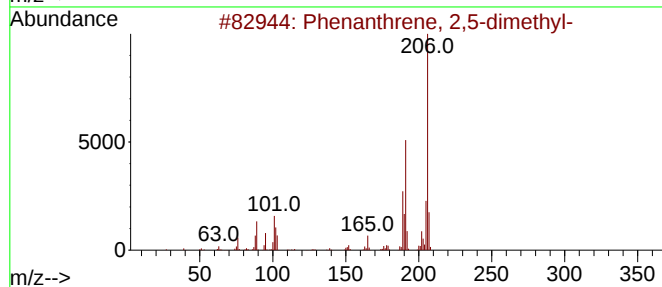
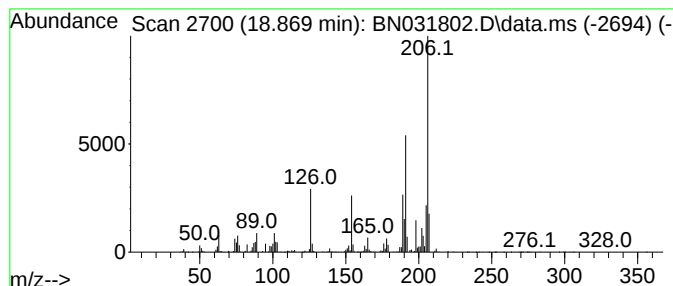
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.869	7.46 ng/ul	2157030	Phenanthrene-d10			17.069
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	91
3	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	83
4	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	78
5	Anthracene, 1,4-dimethyl-		206	C16H14	000781-92-0	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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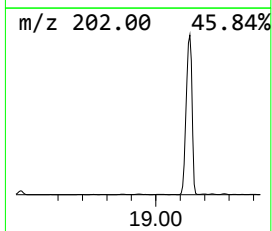
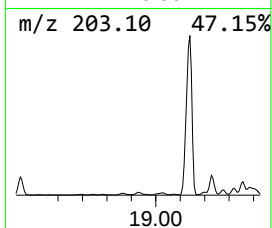
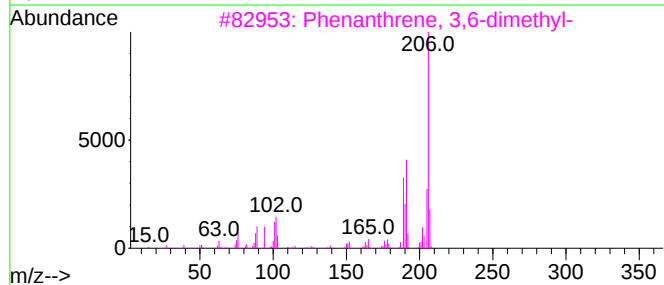
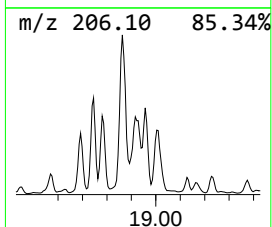
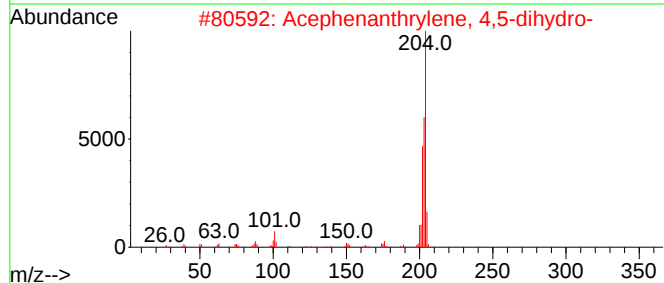
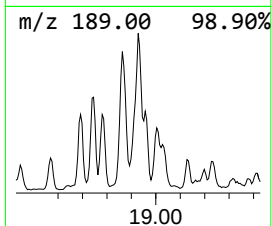
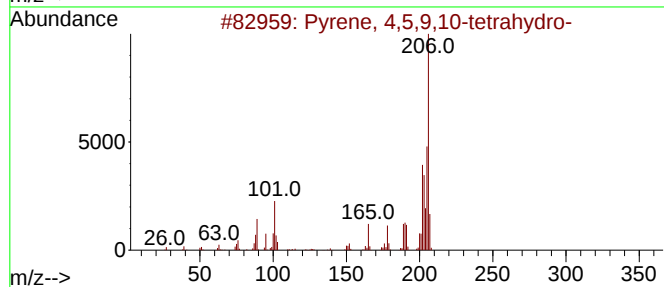
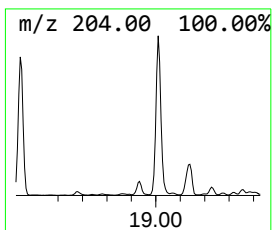
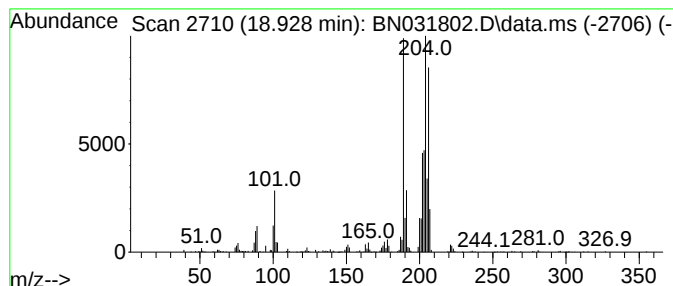
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.928	3.04 ng/ul	880385	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	47
2			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	42
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
4			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
5			9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

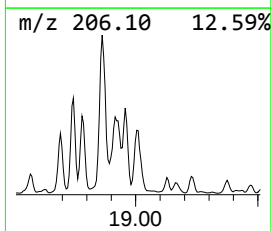
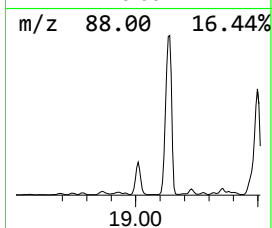
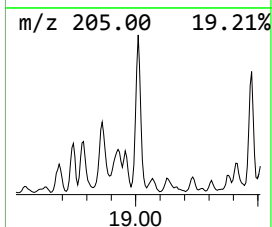
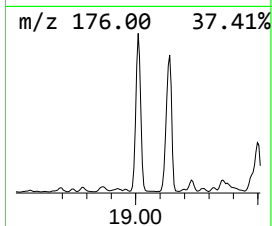
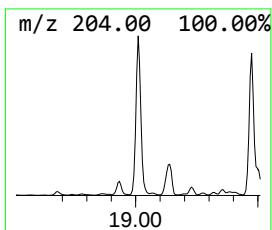
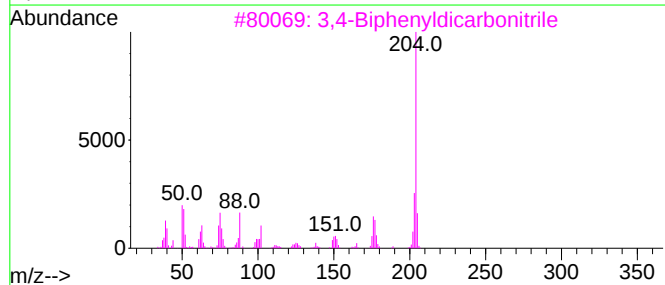
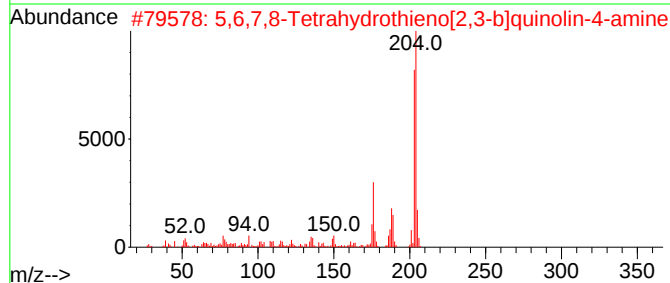
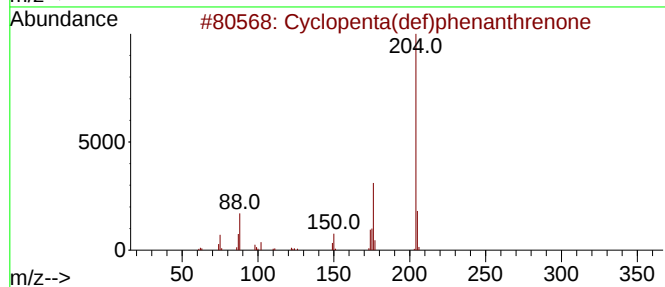
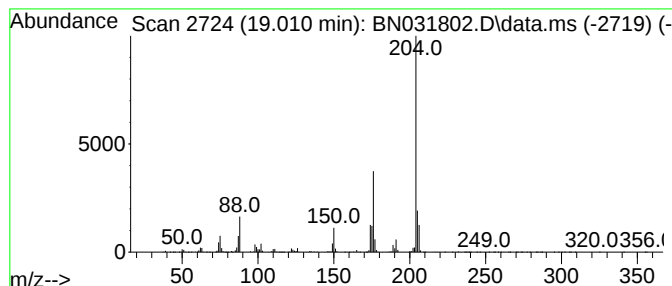
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 Cyclopenta(def)phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.010	10.60 ng/ul	3063720	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	98
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	50
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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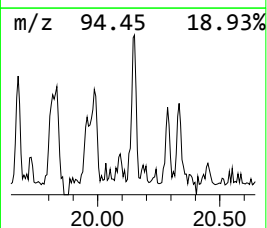
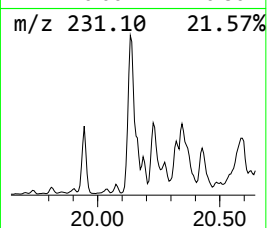
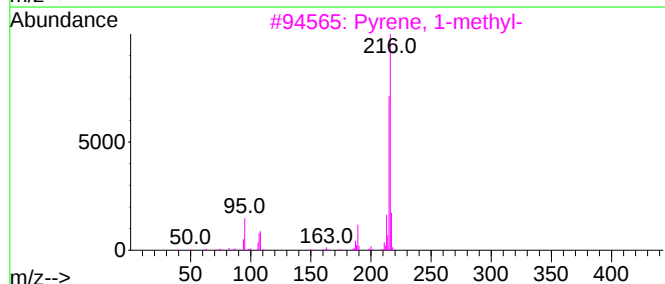
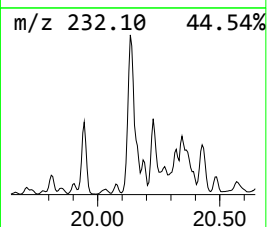
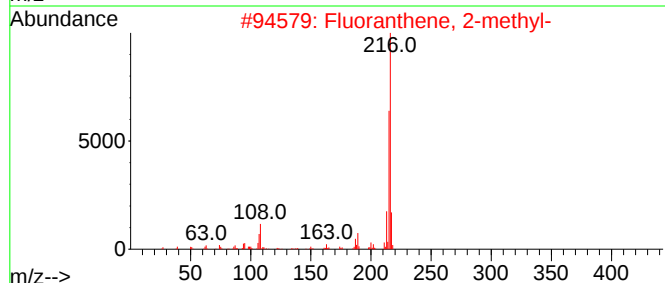
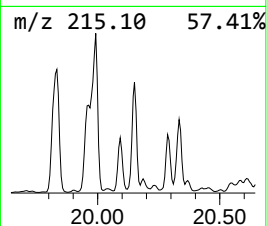
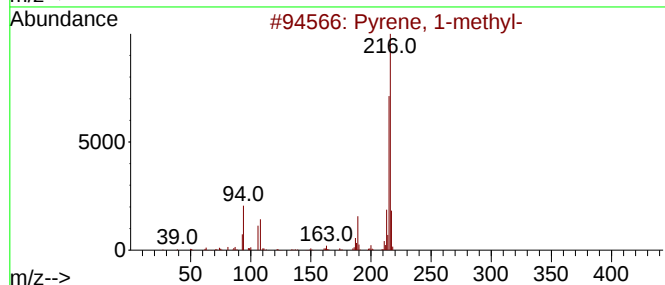
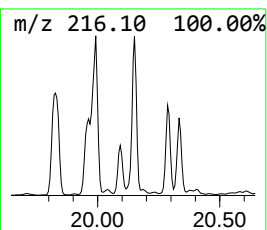
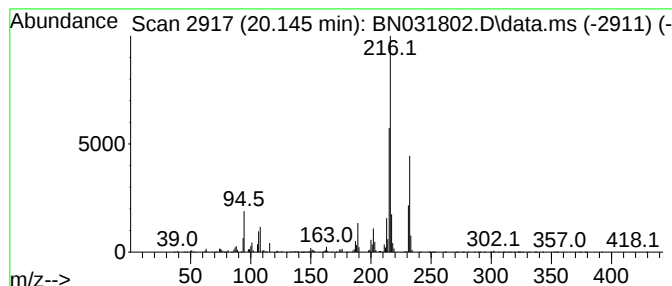
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Pyrene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	2.37 ng/ul	3695150	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
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_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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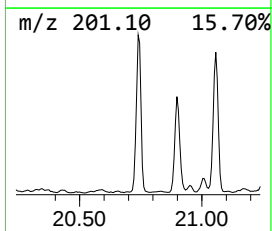
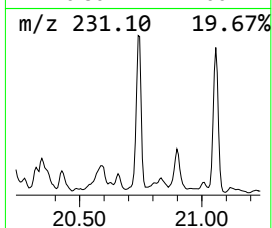
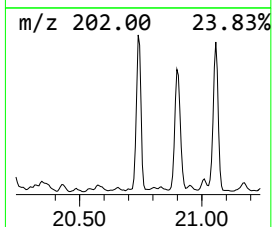
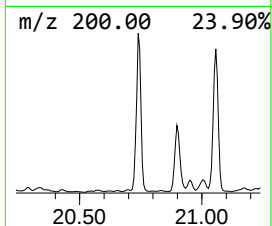
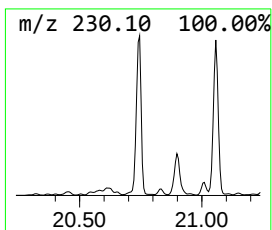
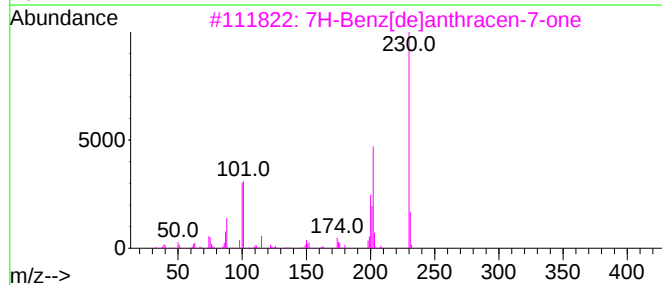
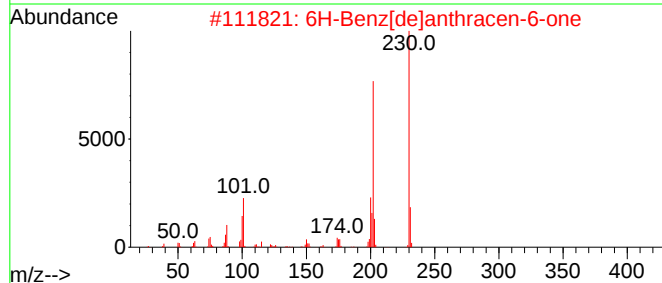
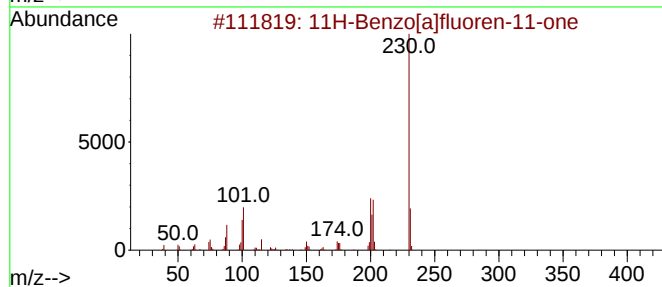
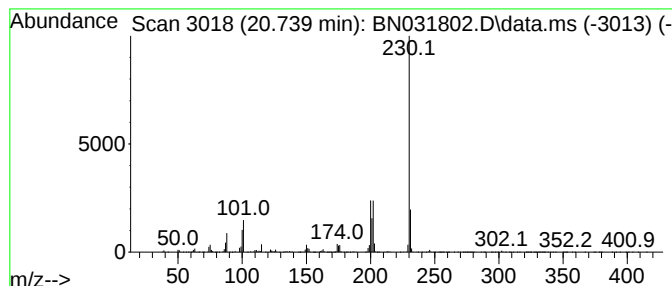
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.739	3.96 ng/ul	6178110	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	99
2			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
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	90
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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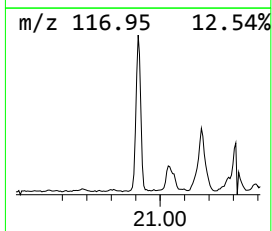
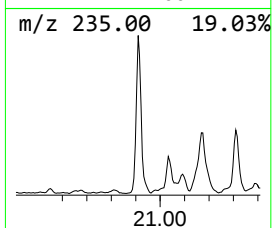
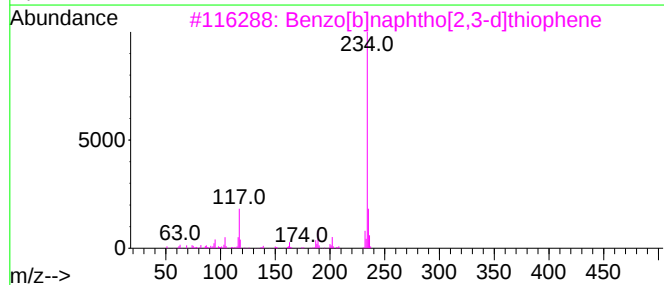
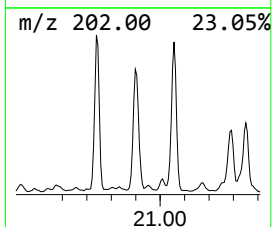
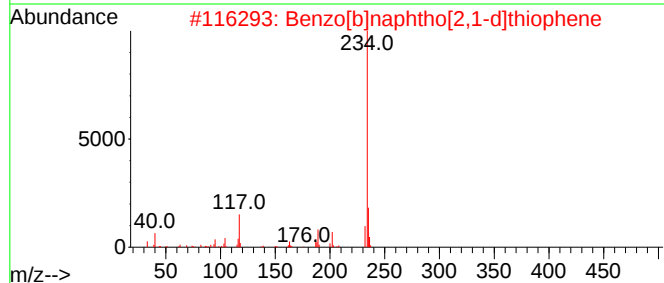
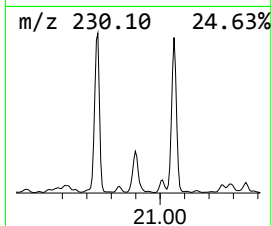
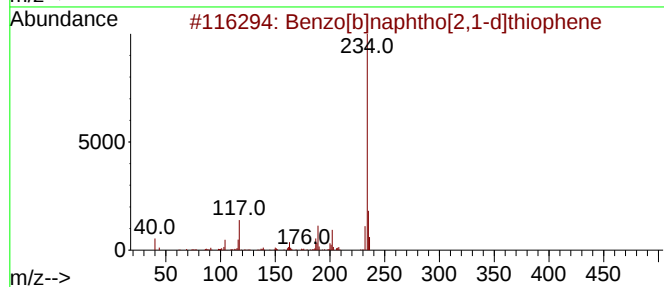
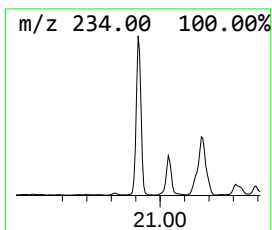
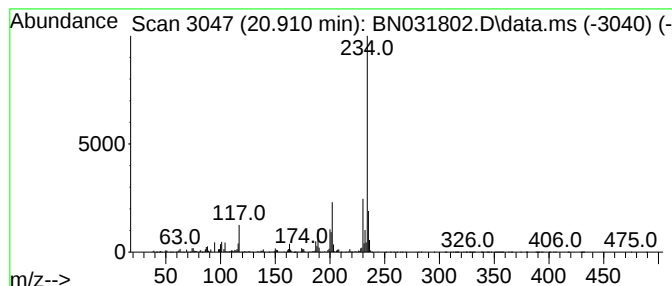
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.910	3.41 ng/ul	5321380	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[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
4			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
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Misc :
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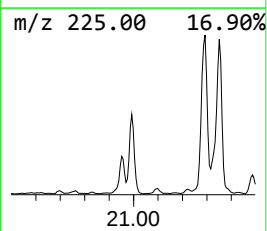
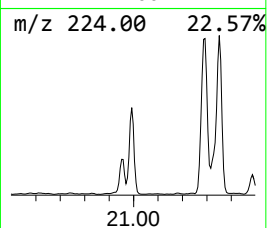
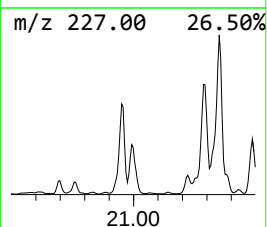
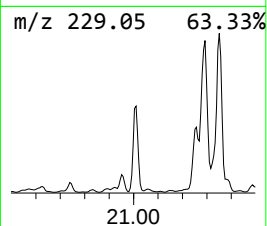
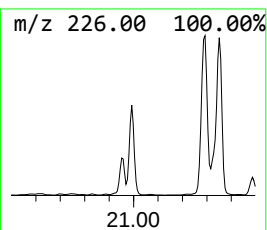
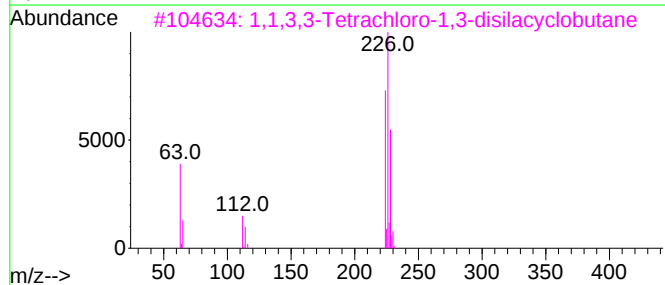
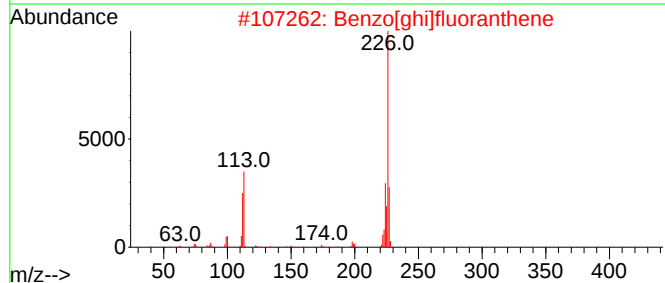
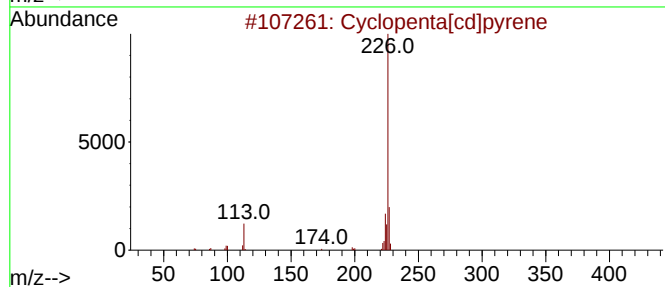
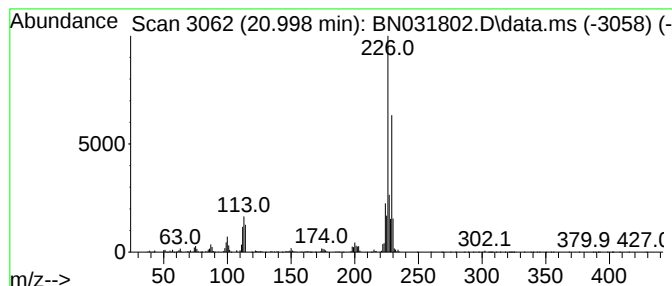
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Cyclopenta[cd]pyrene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.998	2.56 ng/ul	3994370	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	46
3			1,1,3,3-Tetrachloro-1,3-disilacy...	224	C2H4Cl4Si2	002146-97-6	43
4			Benz[c]acridine	229	C17H11N	000225-51-4	42
5			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

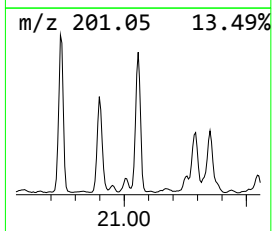
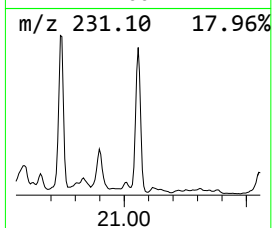
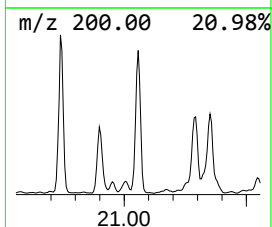
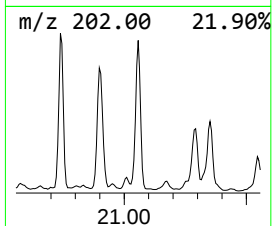
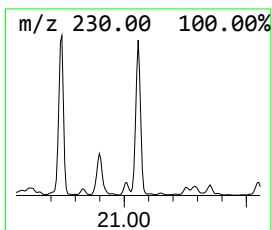
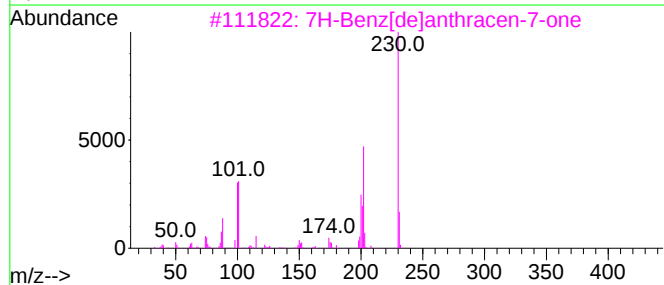
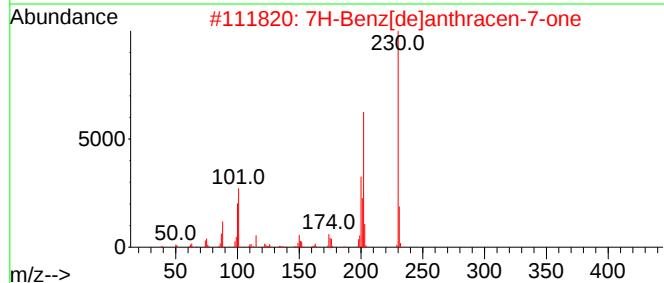
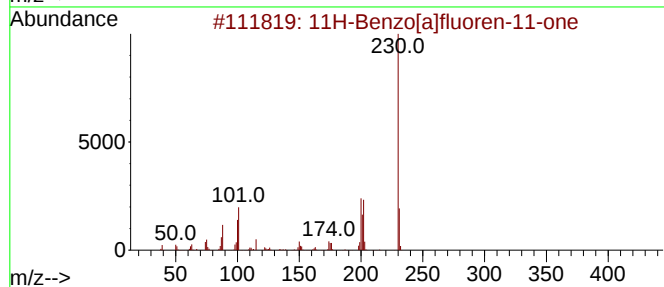
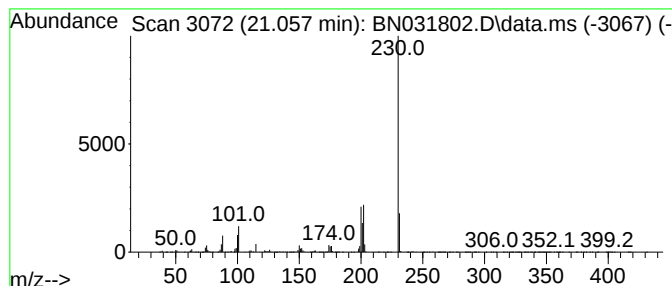
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.057	4.31 ng/ul	6727520	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	91
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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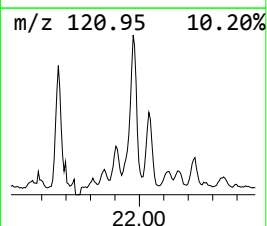
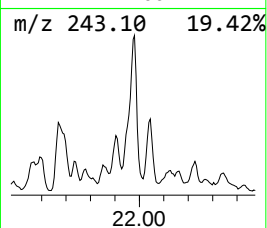
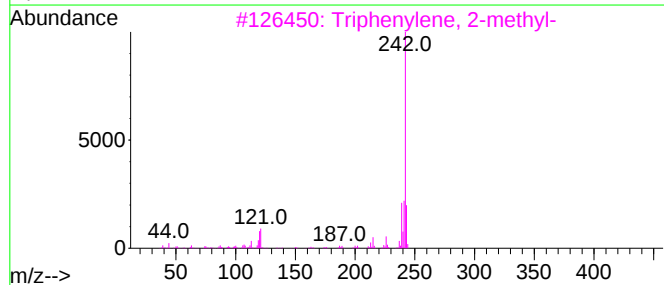
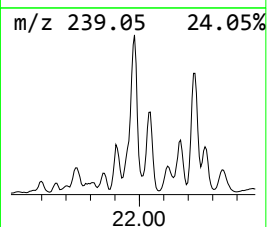
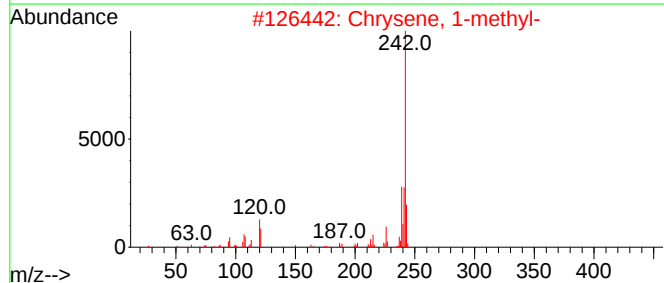
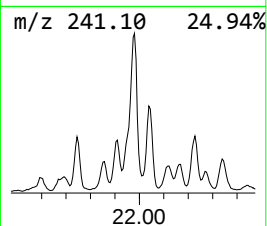
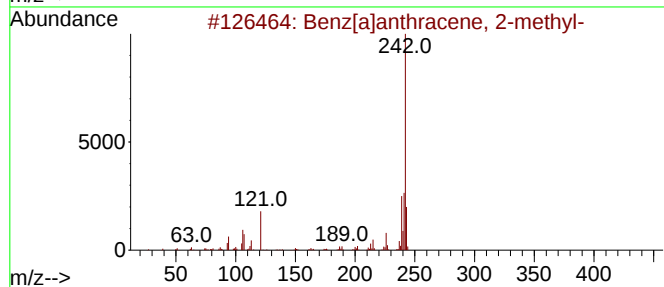
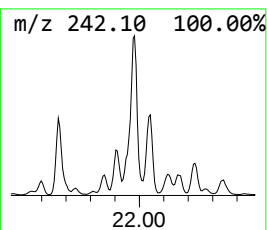
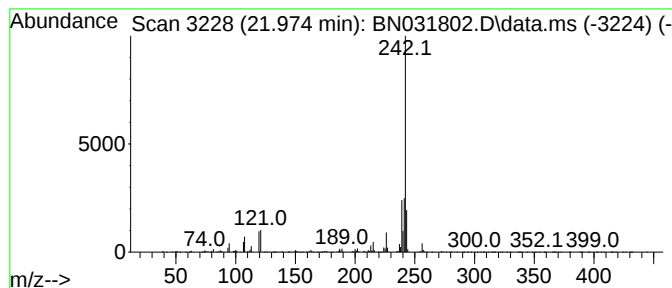
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Benz[a]anthracene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.974	2.05 ng/ul	3199110	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	98
2			Chrysene, 1-methyl-	242	C19H14	003351-28-8	98
3			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
4			2-Methylchrysene	242	C19H14	003351-32-4	95
5			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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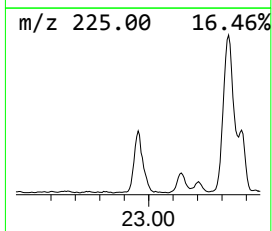
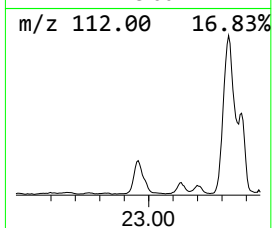
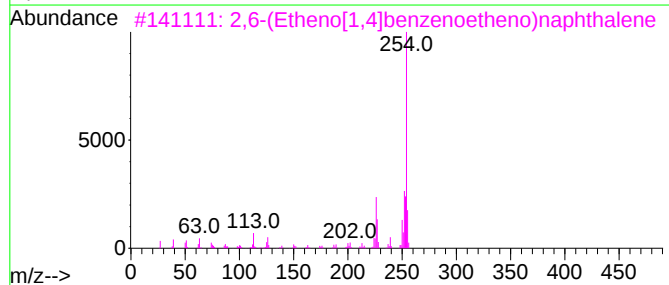
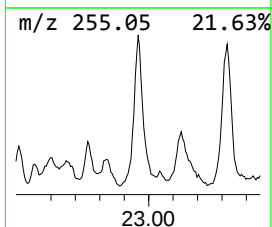
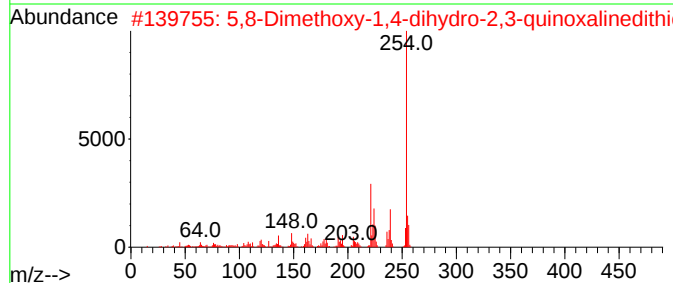
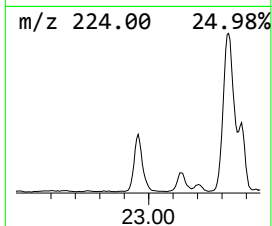
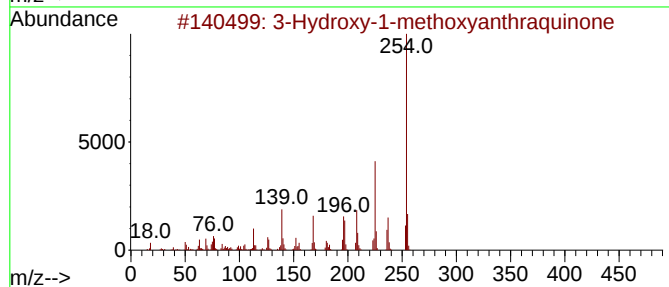
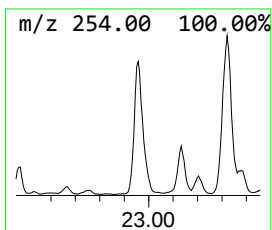
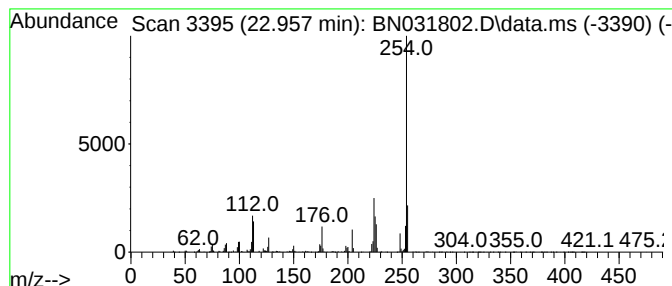
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 3-Hydroxy-1-methoxyanthraqu... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.957	9.17 ng/ul	3501280	Perylene-d12	24.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	58
2			5,8-Dimethoxy-1,4-dihydro-2,3-qu...	254	C10H10N2O2S2	001790-96-1	53
3			2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	50
4			1,1'-Binaphthalene	254	C20H14	000604-53-5	50
5			Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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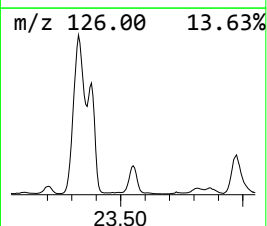
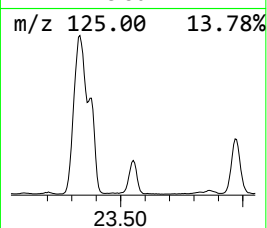
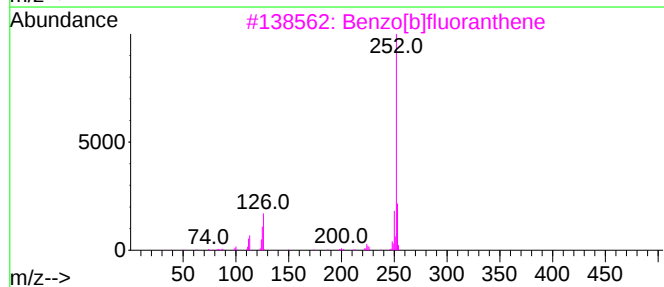
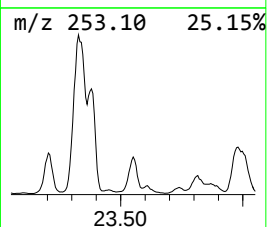
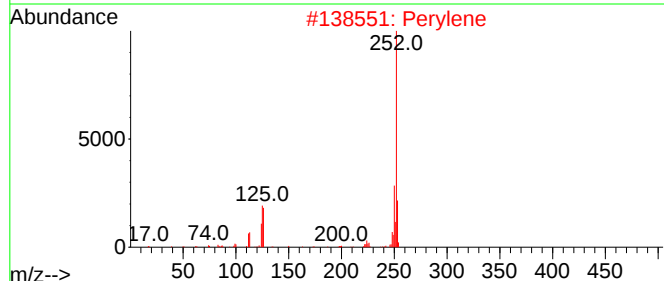
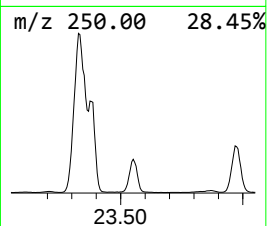
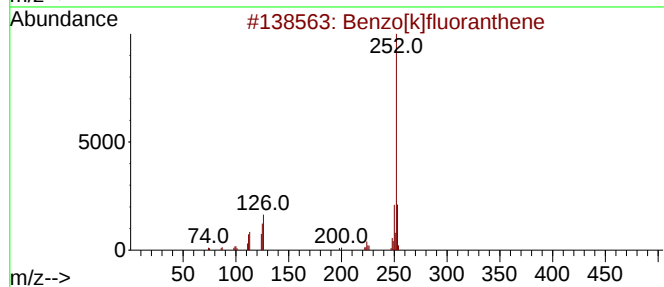
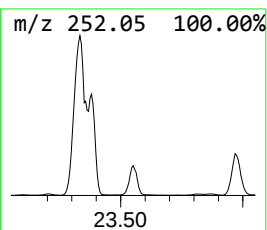
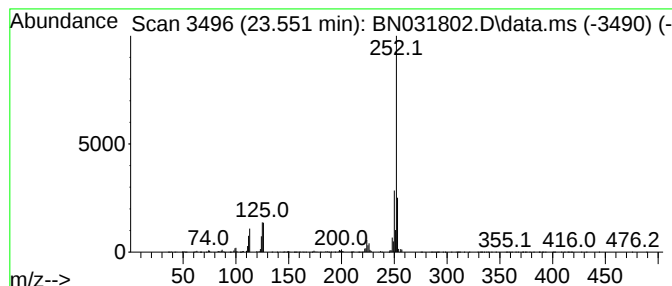
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Perylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.551	7.73 ng/ul	2952830	Perylene-d12	24.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2			Perylene	252	C20H12	000198-55-0	95
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Benzo[e]pyrene	252	C20H12	000192-97-2	93
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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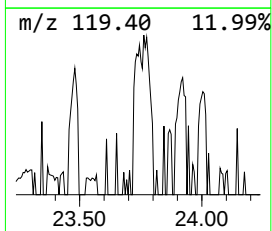
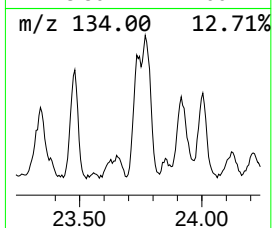
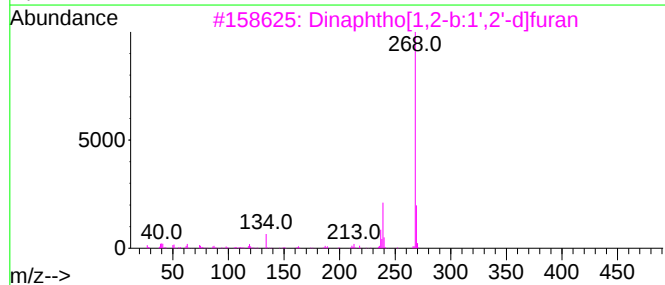
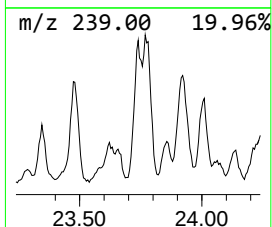
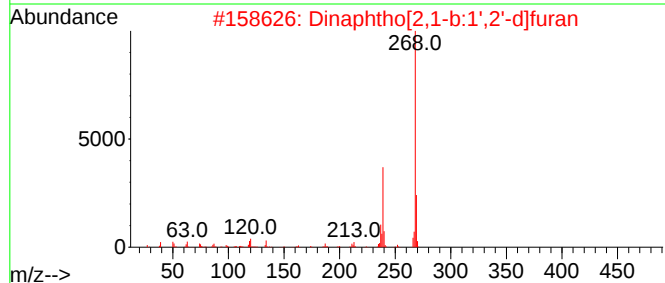
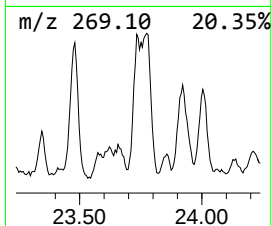
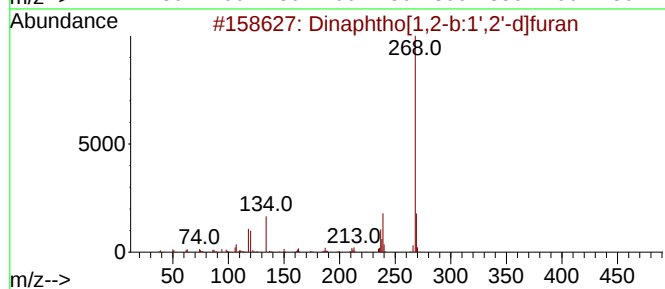
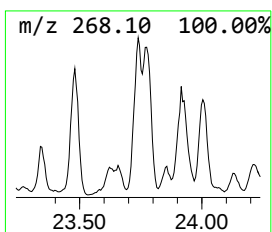
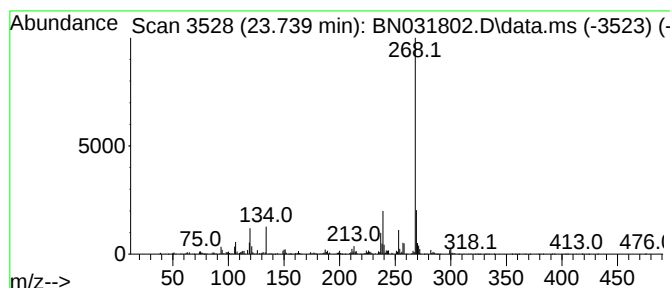
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.739	2.75 ng/ul	1051560	Perylene-d12	24.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	91
2			Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	87
3			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
4			Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	80
5			10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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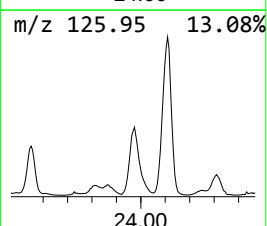
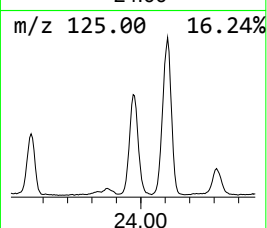
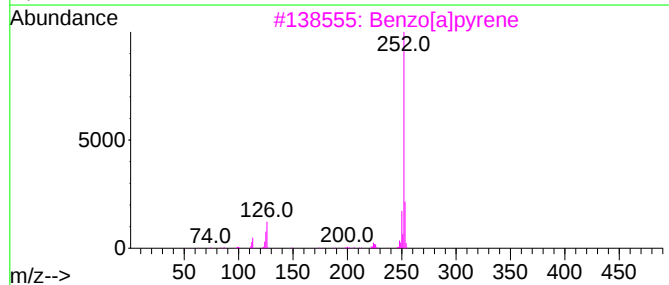
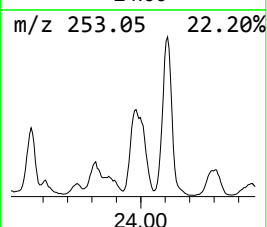
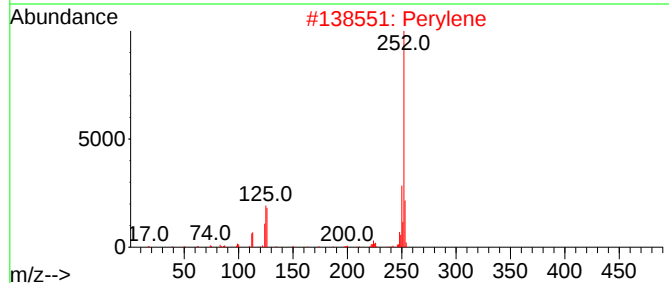
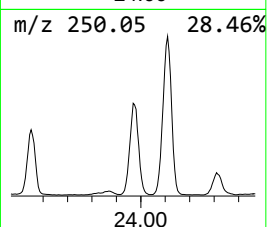
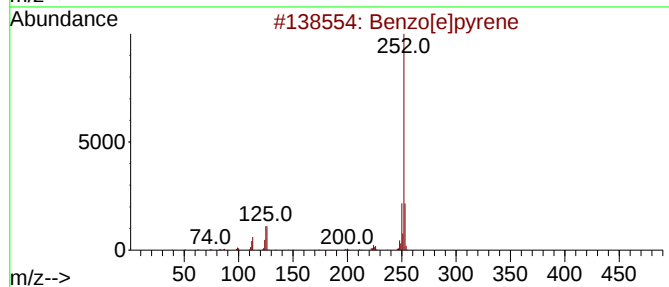
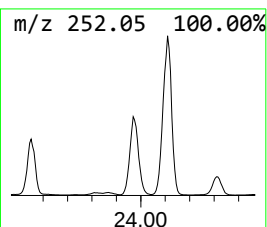
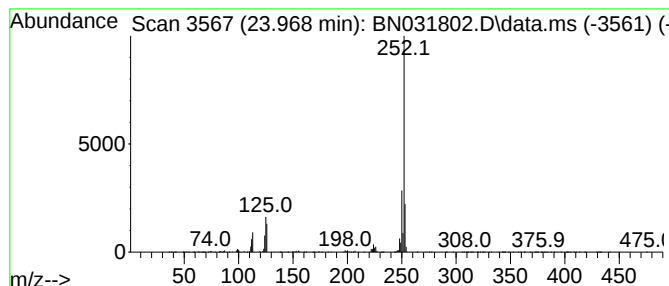
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.968	13.73 ng/ul	5240520	Perylene-d12	24.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Perylene	252	C20H12	000198-55-0	98
3			Benzo[a]pyrene	252	C20H12	000050-32-8	98
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031802.D
Acq On : 05 Jun 2024 16:26
Operator : MA/JU
Sample : P2591-05DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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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
2,4,6-Cyclohept...	15.663	3.5	ng/ul	819348	3	14.316	4673300	20.0
Dibenzofuran, 4...	15.810	4.3	ng/ul	1229130	4	17.069	5783100	20.0
9H-Fluoren-9-one	16.722	10.0	ng/ul	2895590	4	17.069	5783100	20.0
4-(4-Methylphen...	16.798	2.3	ng/ul	676817	4	17.069	5783100	20.0
Dibenzothiophene	16.881	6.2	ng/ul	1783780	4	17.069	5783100	20.0
Acridine	17.257	2.5	ng/ul	714730	4	17.069	5783100	20.0
Naphthalene, 1-...	17.586	2.1	ng/ul	597082	4	17.069	5783100	20.0
Anthrone	17.651	3.2	ng/ul	928989	4	17.069	5783100	20.0
Phenanthrene, 2...	17.939	11.4	ng/ul	3286420	4	17.069	5783100	20.0
Anthracene, 2-m...	17.992	16.1	ng/ul	4665380	4	17.069	5783100	20.0
1H-Cyclopropa[l...	18.069	4.7	ng/ul	1357240	4	17.069	5783100	20.0
4H-Cyclopenta[d...	18.139	16.7	ng/ul	4822660	4	17.069	5783100	20.0
Anthracene, 9-m...	18.175	6.0	ng/ul	1748580	4	17.069	5783100	20.0
Naphthalene, 2-...	18.445	8.3	ng/ul	2389570	4	17.069	5783100	20.0
9,10-Anthracene...	18.492	10.0	ng/ul	2897660	4	17.069	5783100	20.0
Phenanthrene, 1...	18.781	2.1	ng/ul	609646	4	17.069	5783100	20.0
Phenanthrene, 2...	18.869	7.5	ng/ul	2157030	4	17.069	5783100	20.0
unknown-01	18.928	3.0	ng/ul	880385	4	17.069	5783100	20.0
Cyclopenta(def)...	19.010	10.6	ng/ul	3063720	4	17.069	5783100	20.0
Pyrene, 1-methyl-	20.145	2.4	ng/ul	3695150	5	21.304	31240000	20.0
11H-Benzo[a]flu...	20.739	4.0	ng/ul	6178110	5	21.304	31240000	20.0
Benzo[b]naphtho...	20.910	3.4	ng/ul	5321380	5	21.304	31240000	20.0
Cyclopenta[cd]p...	20.998	2.6	ng/ul	3994370	5	21.304	31240000	20.0
7H-Benz[de]anth...	21.057	4.3	ng/ul	6727520	5	21.304	31240000	20.0
Benz[a]anthrace...	21.974	2.0	ng/ul	3199110	5	21.304	31240000	20.0
3-Hydroxy-1-met...	22.957	9.2	ng/ul	3501280	6	24.245	7635020	20.0
Perylene	23.551	7.7	ng/ul	2952830	6	24.245	7635020	20.0
Dinaphtho[1,2-b...	23.739	2.8	ng/ul	1051560	6	24.245	7635020	20.0
Benzo[e]pyrene	23.968	13.7	ng/ul	5240520	6	24.245	7635020	20.0