

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032122.D
 Acq On : 21 Jun 2024 08:24
 Operator : MA/JU
 Sample : P2710-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B23

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: BN032122.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.575	97	100	112	rBV	210553	315537	1.79%	0.121%
2	4.775	298	304	315	rVB	183812	283482	1.61%	0.108%
3	6.816	642	651	666	rVB	1762035	3033041	17.17%	1.159%
4	6.981	672	679	691	rBV	1444270	2249561	12.74%	0.859%
5	7.169	703	711	720	rBV	1853763	3075179	17.41%	1.175%
6	7.634	781	790	798	rBV	1605892	2645169	14.98%	1.010%
7	8.346	904	911	920	rBV	2358805	3916409	22.17%	1.496%
8	8.463	925	931	940	rVB	190973	324399	1.84%	0.124%
9	8.793	979	987	1002	rVV	1726264	2986010	16.91%	1.141%
10	9.510	1101	1109	1121	rBV	1542930	2631684	14.90%	1.005%
11	10.046	1192	1200	1222	rBV	2480541	4335071	24.54%	1.656%
12	10.416	1251	1263	1268	rBV	2521291	4298351	24.34%	1.642%
13	10.463	1268	1271	1278	rVV	282334	452829	2.56%	0.173%
14	10.563	1280	1288	1306	rVV	1129955	2177968	12.33%	0.832%
15	12.087	1540	1547	1554	rBV	322545	537755	3.04%	0.205%
16	12.304	1575	1584	1593	rVB	269768	470861	2.67%	0.180%
17	13.304	1749	1754	1766	rVB	126819	263769	1.49%	0.101%
18	13.451	1770	1779	1786	rBV4	134404	354714	2.01%	0.135%
19	13.598	1794	1804	1809	rBV	254791	475430	2.69%	0.182%
20	13.698	1816	1821	1834	rVV	4349967	6275839	35.53%	2.397%
21	13.975	1856	1868	1882	rBV	5071635	8072169	45.70%	3.084%
22	14.281	1910	1920	1926	rBV	4033136	6107041	34.58%	2.333%
23	14.345	1926	1931	1939	rVV	1350369	2004683	11.35%	0.766%
24	14.510	1950	1959	1967	rBV	1676148	3104457	17.58%	1.186%
25	14.592	1967	1973	1977	rVV2	203961	370119	2.10%	0.141%
26	14.681	1980	1988	1996	rVV	715973	1364908	7.73%	0.521%
27	15.281	2083	2090	2095	rVV	6181015	9272313	52.50%	3.542%
28	15.334	2095	2099	2108	rVV	923831	1351141	7.65%	0.516%
29	15.416	2108	2113	2118	rVV	1751681	2593676	14.68%	0.991%
30	15.457	2118	2120	2123	rVV	259965	319105	1.81%	0.122%
31	15.492	2123	2126	2131	rVV	264634	433452	2.45%	0.166%
32	15.539	2131	2134	2138	rVV	224872	330263	1.87%	0.126%
33	15.581	2138	2141	2145	rVV	175476	271698	1.54%	0.104%
34	15.628	2145	2149	2157	rVB	340785	567856	3.22%	0.217%
35	15.775	2170	2174	2182	rVB	307246	606414	3.43%	0.232%
36	16.010	2209	2214	2220	rVB4	195449	386727	2.19%	0.148%

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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
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37	16.316	2259	2266	2267	rBV4	205079	320142	1.81%	0.122%
38	16.563	2300	2308	2311	rBV3	198030	427065	2.42%	0.163%
39	16.692	2325	2330	2337	rVB	1073175	1608727	9.11%	0.615%
40	16.786	2337	2346	2351	rBV3	489758	1024123	5.80%	0.391%
41	16.851	2352	2357	2364	rVB	1203509	1763407	9.98%	0.674%
42	17.033	2382	2388	2391	rVV	4066634	6258256	35.43%	2.391%
43	17.080	2391	2396	2400	rVV	10732260	16902506	95.70%	6.457%
44	17.133	2400	2405	2409	rVV2	6192571	9500372	53.79%	3.629%
45	17.169	2409	2411	2415	rVV	1631395	1769137	10.02%	0.676%
46	17.222	2415	2420	2426	rVB2	187040	406670	2.30%	0.155%
47	17.439	2449	2457	2469	rBV2	1080123	2001409	11.33%	0.765%
48	17.551	2473	2476	2481	rVB2	279267	370748	2.10%	0.142%
49	17.610	2481	2486	2495	rVB2	756924	1246321	7.06%	0.476%
50	17.757	2506	2511	2517	rVB	481959	908889	5.15%	0.347%
51	17.828	2518	2523	2527	rBV	220237	370825	2.10%	0.142%
52	17.904	2531	2536	2539	rVV	1721253	2793841	15.82%	1.067%
53	17.951	2539	2544	2550	rVV2	2795113	6320343	35.78%	2.414%
54	18.033	2555	2558	2563	rVB	455371	663013	3.75%	0.253%
55	18.098	2563	2569	2573	rBV2	2221783	3976565	22.51%	1.519%
56	18.139	2573	2576	2583	rVB	1263513	1732198	9.81%	0.662%
57	18.222	2585	2590	2593	rBV3	213111	347105	1.97%	0.133%
58	18.263	2593	2597	2601	rVV4	190716	272841	1.54%	0.104%
59	18.304	2601	2604	2609	rVV	194449	270296	1.53%	0.103%
60	18.416	2618	2623	2626	rBV	1181779	1678848	9.51%	0.641%
61	18.463	2626	2631	2636	rVB	1997090	2859108	16.19%	1.092%
62	18.657	2661	2664	2669	rVV	444108	666026	3.77%	0.254%
63	18.710	2669	2673	2676	rVV	355999	485738	2.75%	0.186%
64	18.751	2676	2680	2683	rVB3	318525	439029	2.49%	0.168%
65	18.833	2689	2694	2696	rBV	721795	1177236	6.67%	0.450%
66	18.927	2707	2710	2713	rVB2	275995	293974	1.66%	0.112%
67	18.980	2713	2719	2725	rBV2	942212	1761222	9.97%	0.673%
68	19.104	2732	2740	2746	rVB	11405399	17662320	100.00%	6.747%
69	19.163	2747	2750	2753	rBV	284728	335619	1.90%	0.128%
70	19.198	2753	2756	2757	rBV	316724	325885	1.85%	0.124%
71	19.222	2757	2760	2768	rVB4	763117	1402897	7.94%	0.536%
72	19.304	2771	2774	2777	rVV2	366131	466721	2.64%	0.178%
73	19.345	2777	2781	2784	rVB	416983	542354	3.07%	0.207%
74	19.433	2791	2796	2799	rBV3	6571585	10971716	62.12%	4.191%
75	19.469	2799	2802	2809	rVV	8944398	12081217	68.40%	4.615%
76	19.533	2809	2813	2819	rVB3	687685	989971	5.60%	0.378%

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Peak Location: TOP

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77	19.645	2827	2832	2836	rBV	631788	897180	5.08%	0.343%
78	19.792	2851	2857	2863	rBV3	875876	2065012	11.69%	0.789%
79	19.922	2875	2879	2881	rBV3	735152	1090810	6.18%	0.417%
80	19.957	2882	2885	2891	rVB	1482629	2300028	13.02%	0.879%
81	20.057	2899	2902	2906	rVB	836022	1036758	5.87%	0.396%
82	20.116	2907	2912	2916	rVV2	1159959	1825142	10.33%	0.697%
83	20.157	2916	2919	2923	rVB	544784	664133	3.76%	0.254%
84	20.257	2933	2936	2940	rBV	653401	798151	4.52%	0.305%
85	20.304	2940	2944	2949	rVV	823816	1172240	6.64%	0.448%
86	20.710	3009	3013	3020	rVB	1547033	2055700	11.64%	0.785%
87	20.880	3037	3042	3045	rBV2	1138111	1771137	10.03%	0.677%
88	20.921	3045	3049	3051	rVV	973564	1238364	7.01%	0.473%
89	20.957	3051	3055	3061	rVV3	2287059	3978242	22.52%	1.520%
90	21.021	3063	3066	3077	rVB	1314629	2134199	12.08%	0.815%
91	21.174	3089	3092	3096	rVB	635833	741671	4.20%	0.283%
92	21.263	3100	3107	3112	rVV3	5369327	13306446	75.34%	5.083%
93	21.316	3112	3116	3127	rVB	5184102	8079102	45.74%	3.086%
94	21.451	3136	3139	3146	rVB2	567850	793881	4.49%	0.303%
95	21.933	3219	3221	3226	rVB	745860	1021581	5.78%	0.390%
96	22.004	3229	3233	3236	rBV	740514	1280814	7.25%	0.489%
97	23.268	3441	3448	3455	rBV	2920289	8869948	50.22%	3.388%
98	23.986	3565	3570	3576	rBV2	1364306	2988729	16.92%	1.142%
99	24.051	3577	3581	3594	rVB	1578832	3404333	19.27%	1.300%
100	24.186	3597	3604	3612	rVB	1882626	4615686	26.13%	1.763%

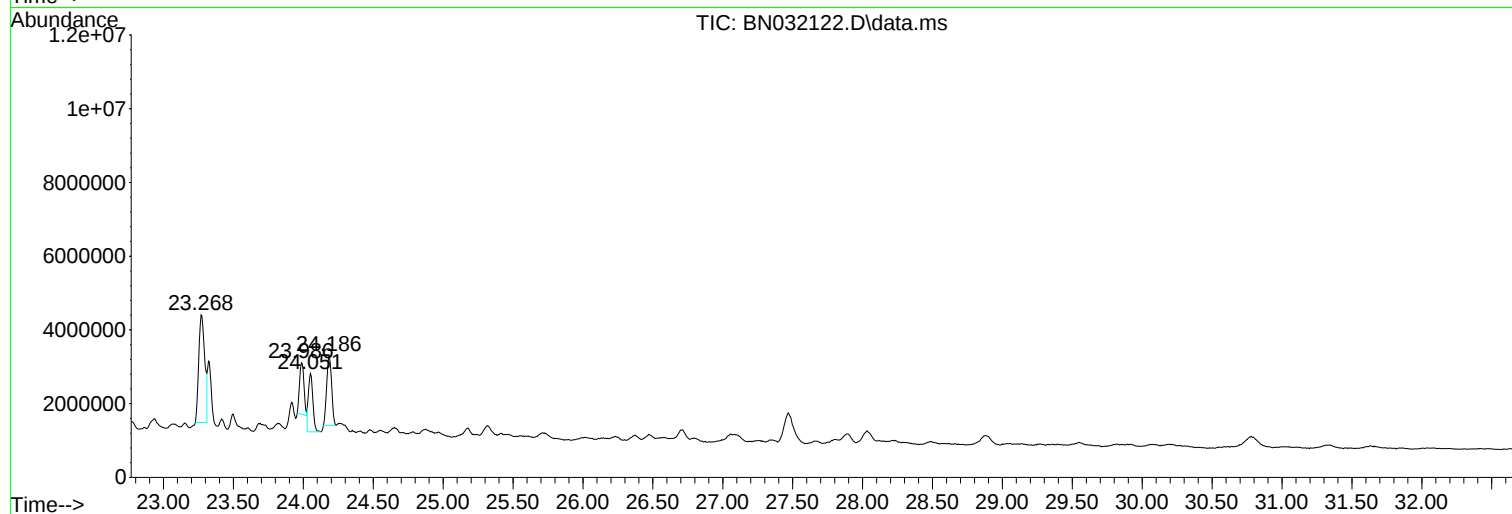
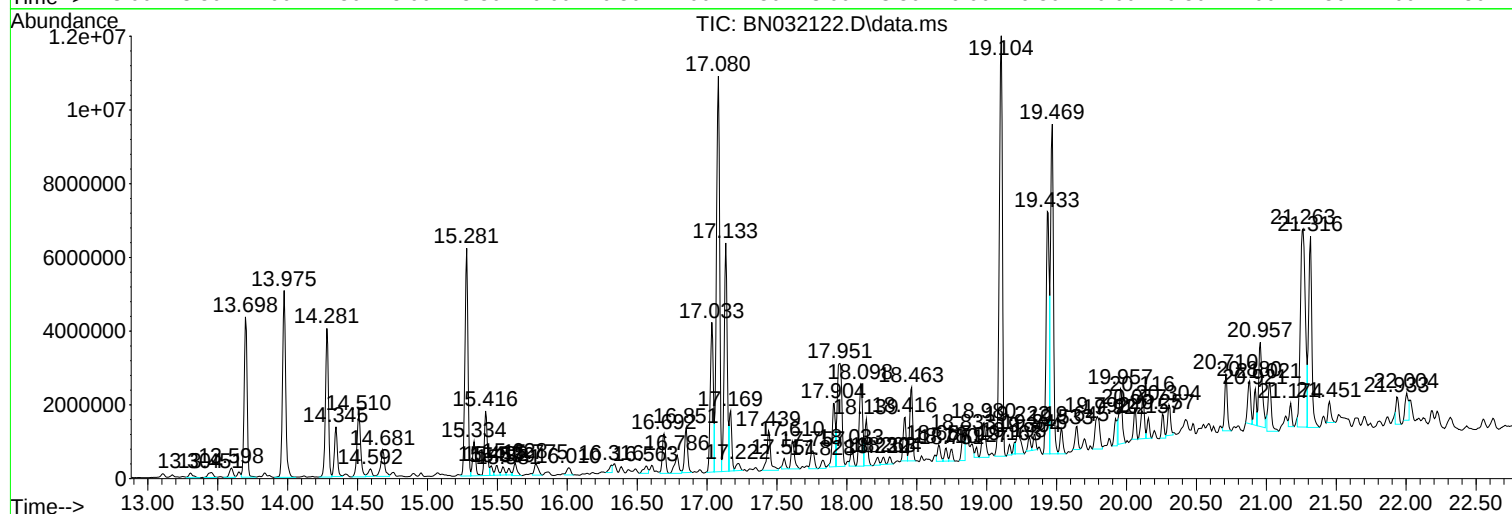
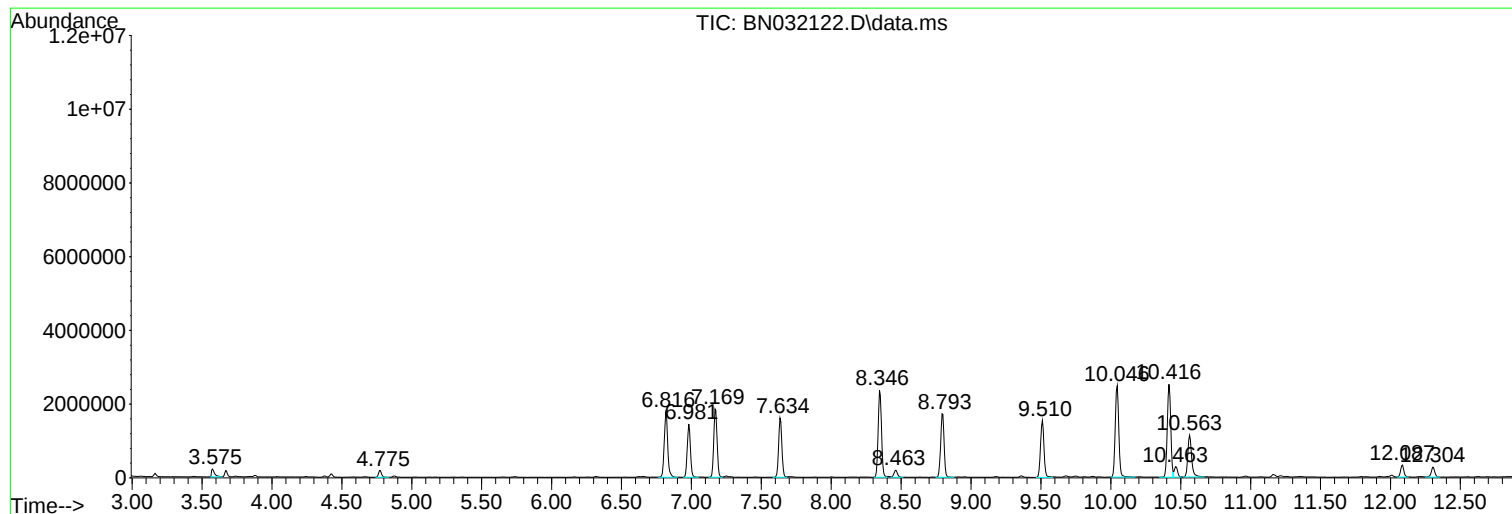
Sum of corrected areas: 261783047

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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



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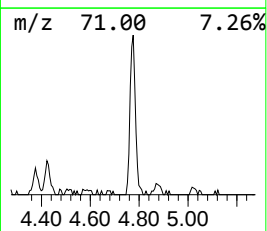
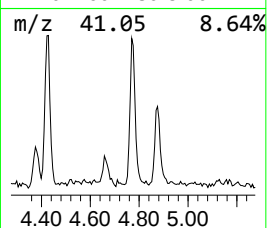
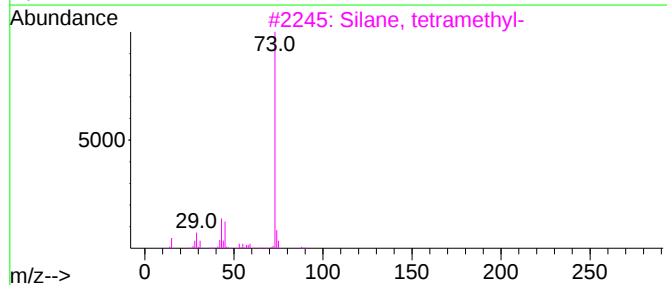
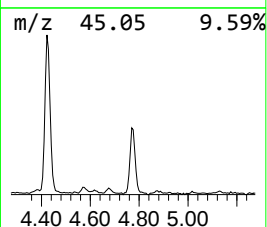
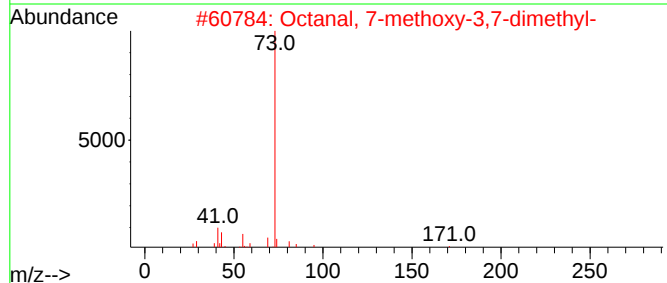
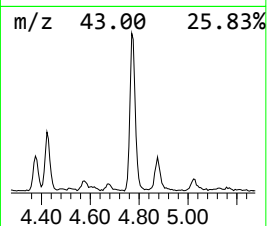
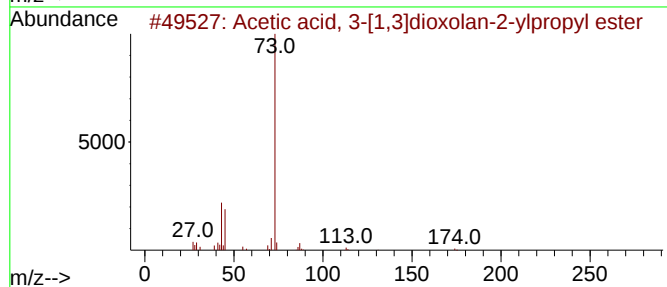
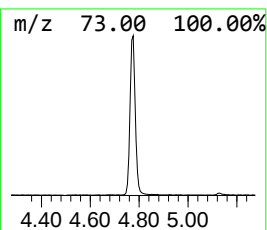
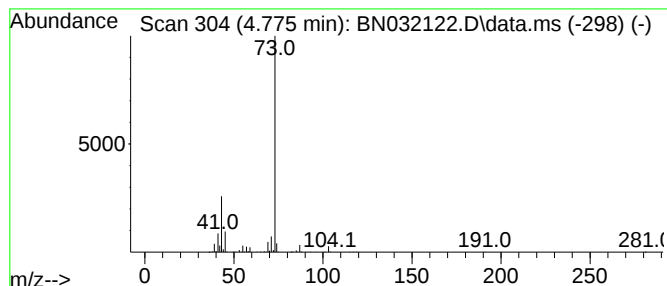
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.775	2.14 ng/ul	283482	1,4-Dichlorobenzene-d4	7.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	33
2			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	28
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	25
5			o-2-Pentylhydroxylamine	103	C5H13NO	1000322-43-4	9



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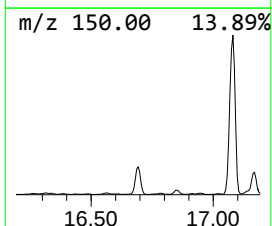
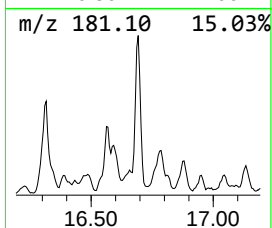
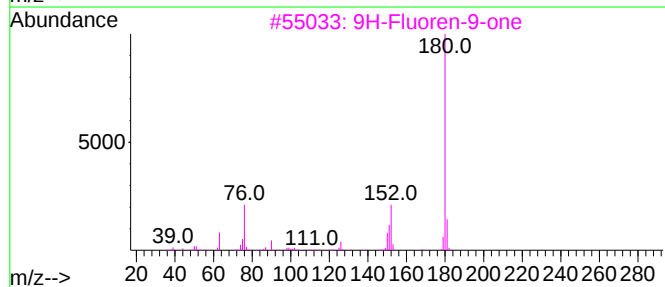
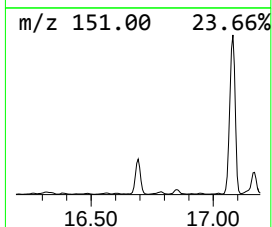
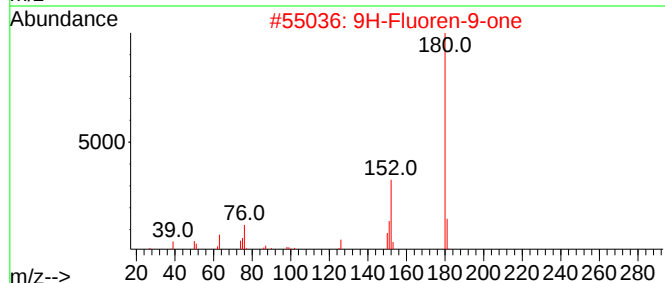
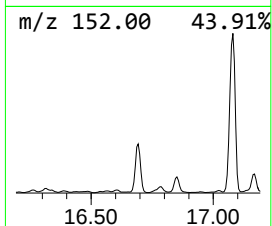
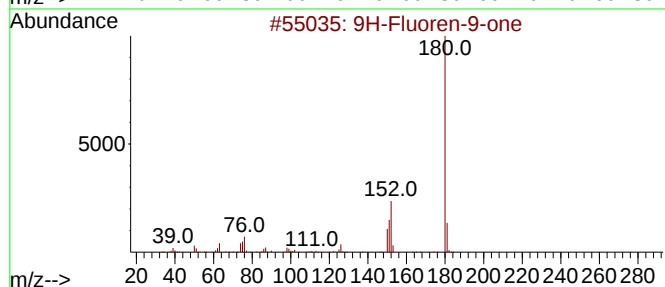
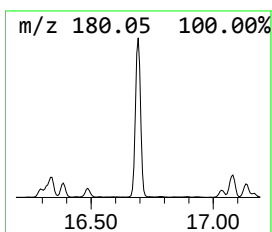
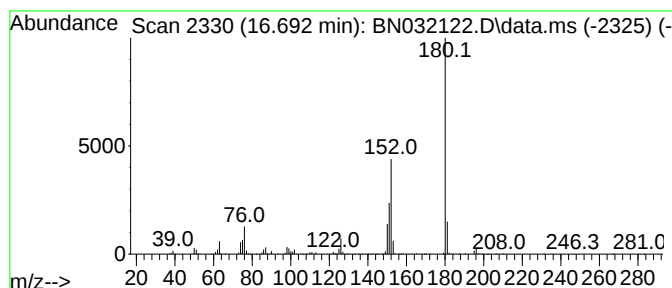
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9H-Fluoren-9-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.692	5.14 ng/ul	1608730	Phenanthrene-d10	17.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94



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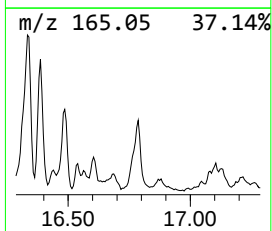
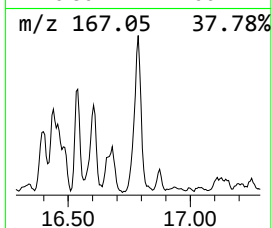
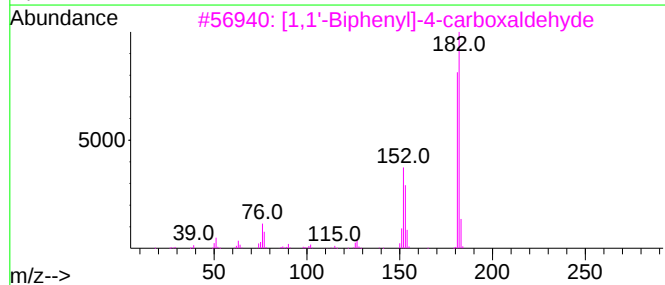
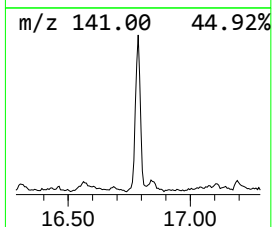
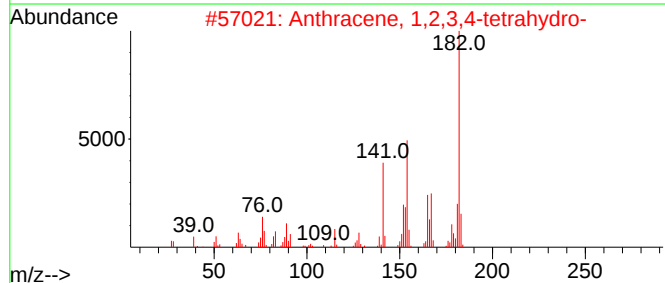
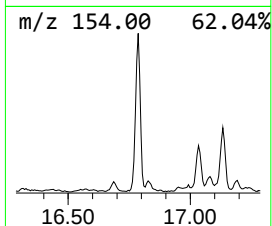
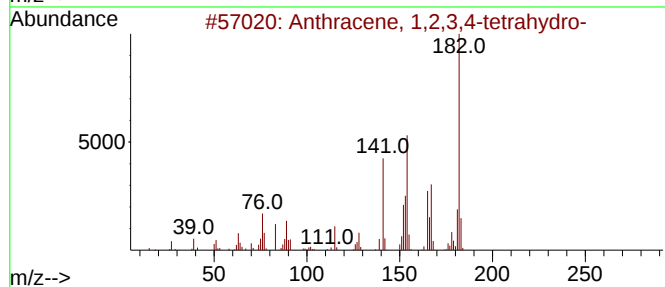
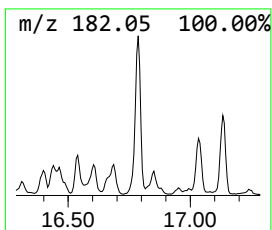
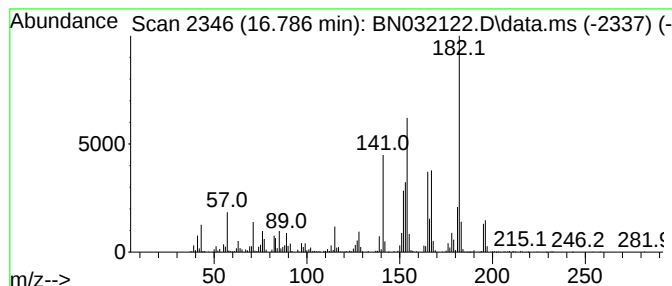
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.786	3.27 ng/ul	1024120	Phenanthrene-d10	17.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2			Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	93
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	56
5			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
Operator : MA/JU
Sample : P2710-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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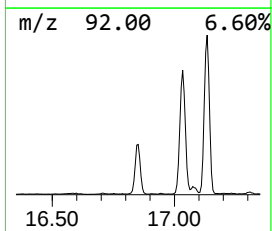
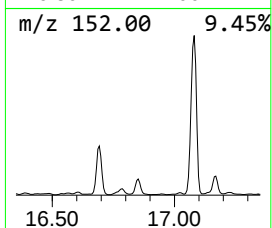
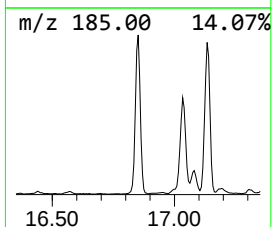
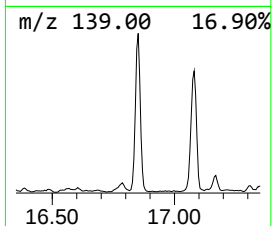
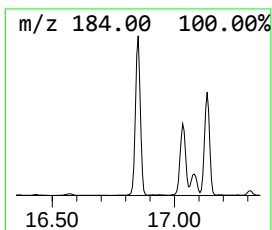
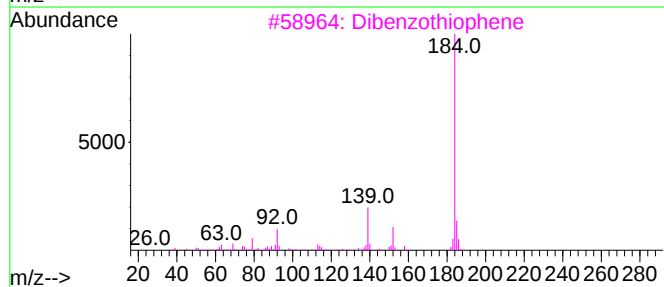
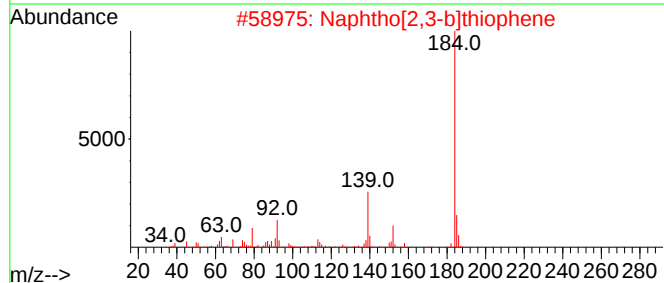
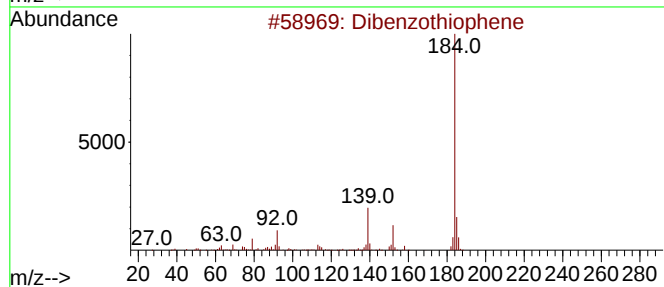
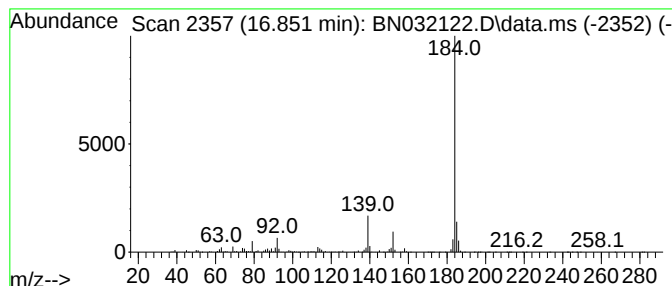
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.851	5.64 ng/ul	1763410	Phenanthrene-d10	17.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
3			Dibenzothiophene	184	C12H8S	000132-65-0	96
4			Dibenzothiophene	184	C12H8S	000132-65-0	96
5			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
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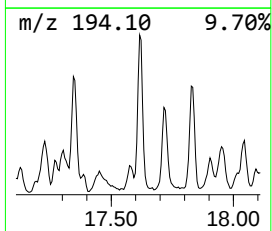
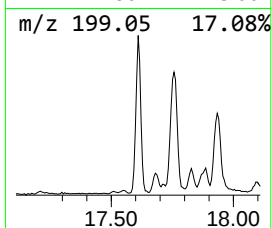
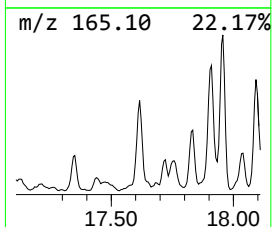
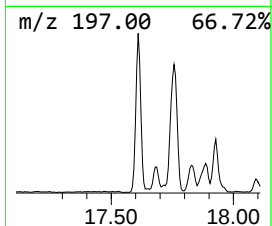
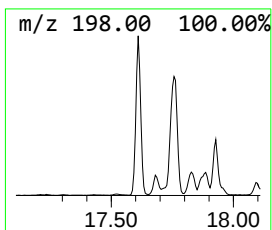
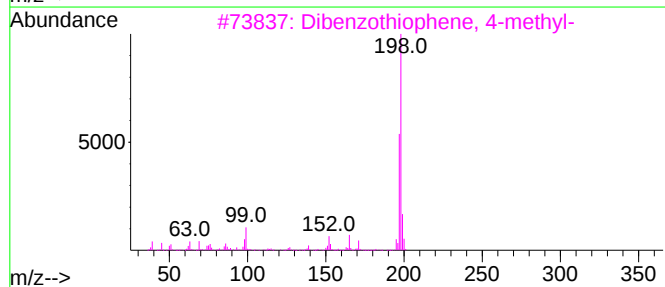
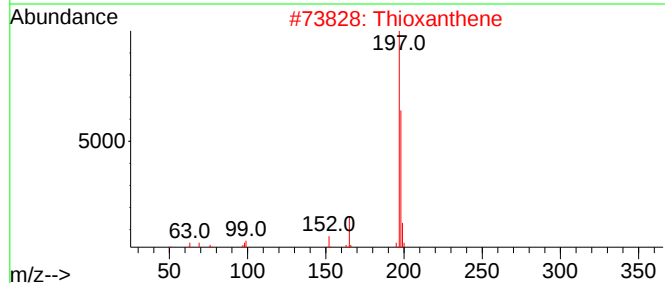
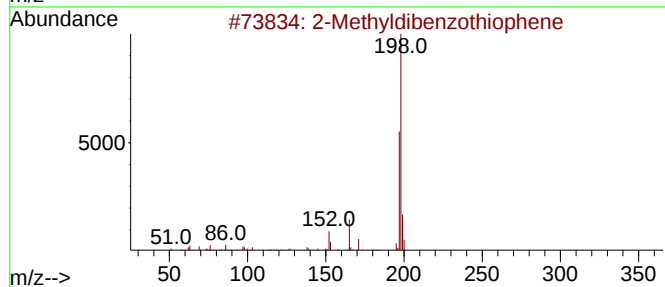
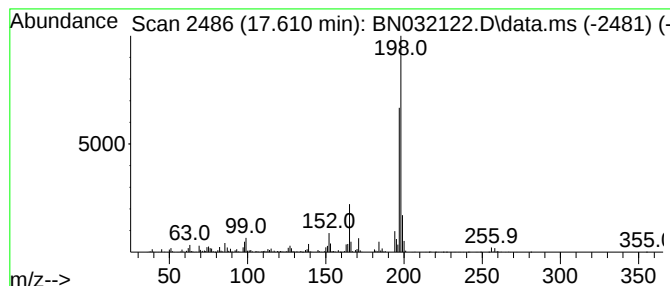
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2-Methyldibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.610	3.98 ng/ul	1246320	Phenanthrene-d10	17.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	93
2	Thioxanthene	198	C13H10S	000261-31-4	83
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	80
5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
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Sample : P2710-03
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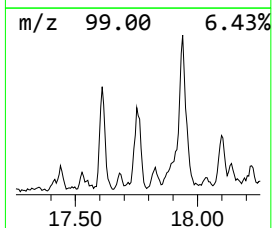
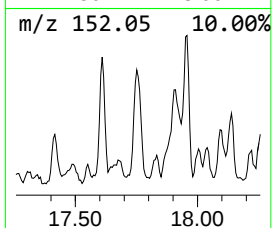
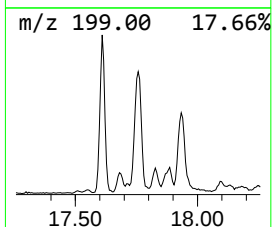
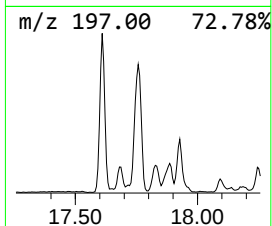
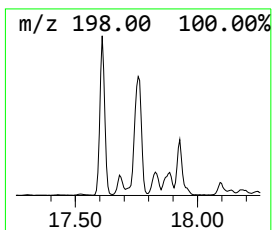
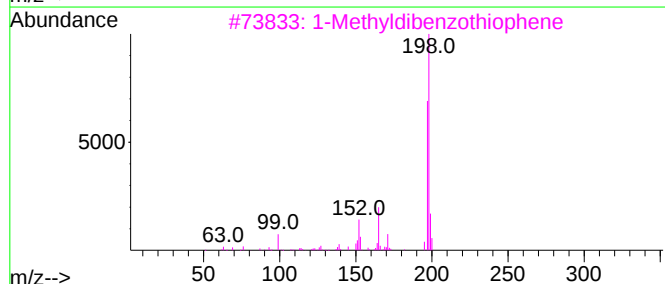
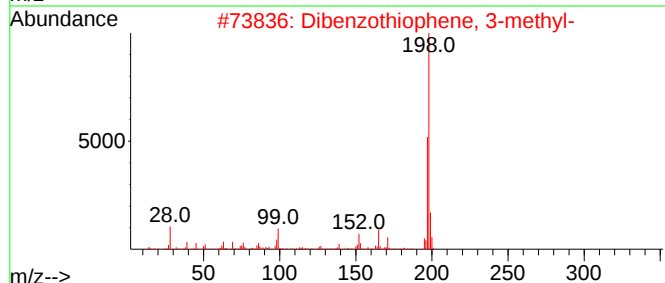
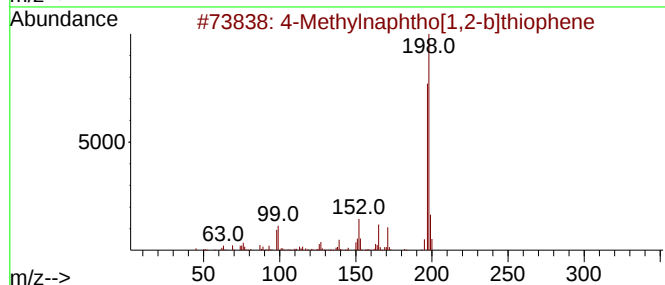
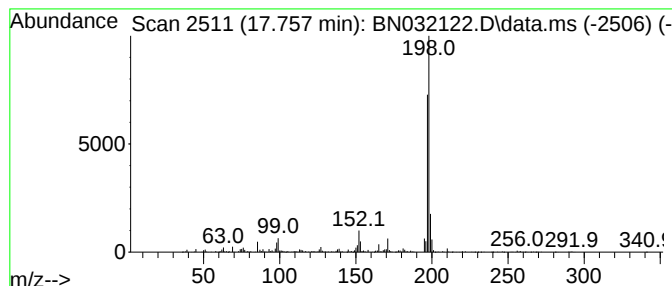
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.757	2.90 ng/ul	908889	Phenanthrene-d10	17.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	94
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	94
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
5	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
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Sample : P2710-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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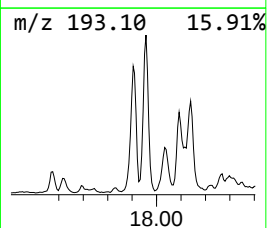
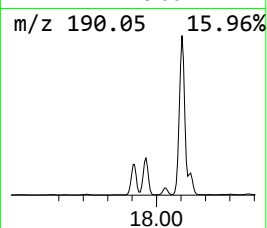
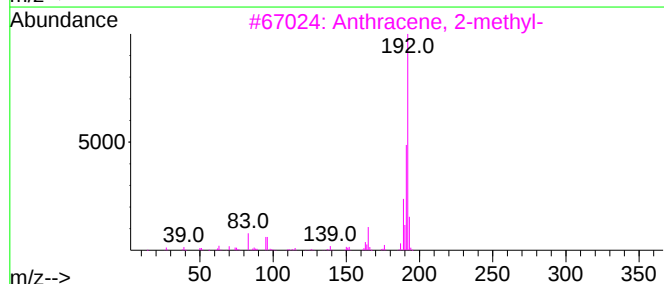
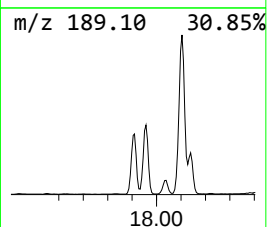
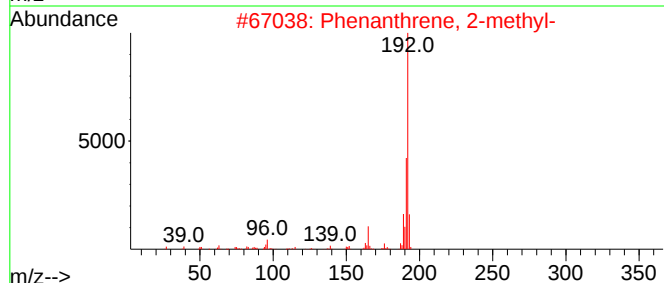
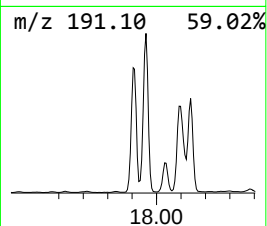
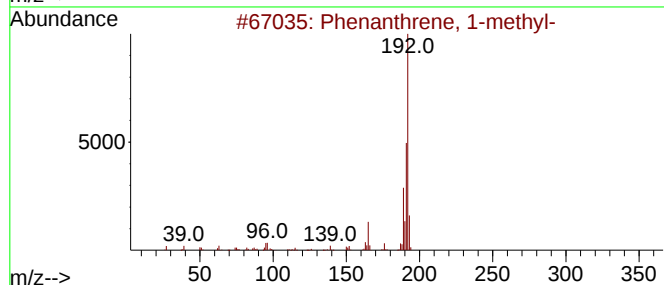
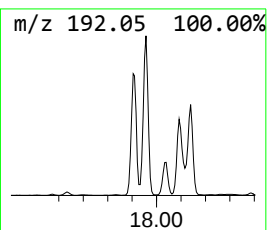
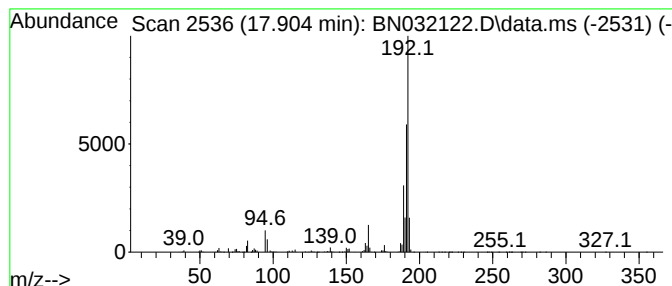
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.904	8.93 ng/ul	2793840	Phenanthrene-d10	17.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
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Sample : P2710-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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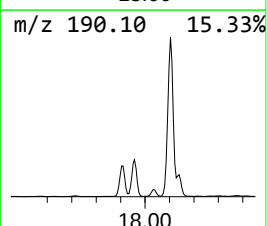
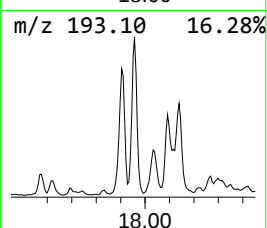
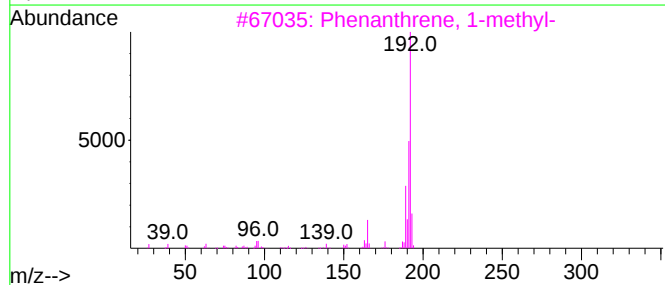
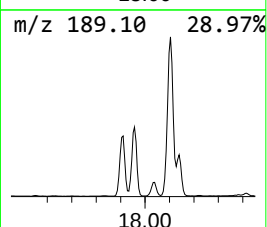
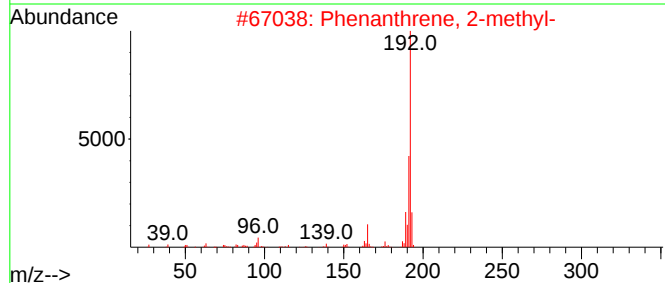
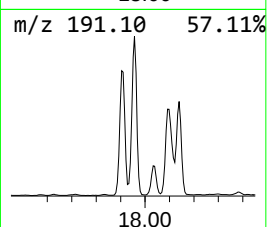
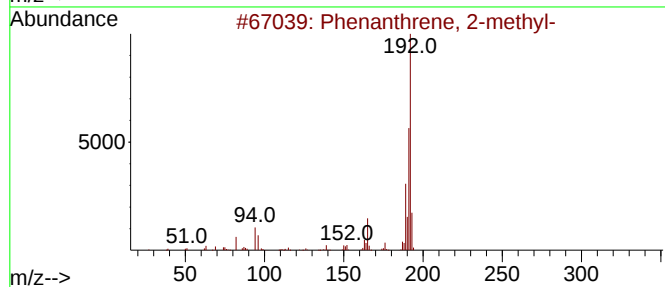
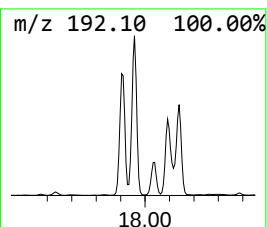
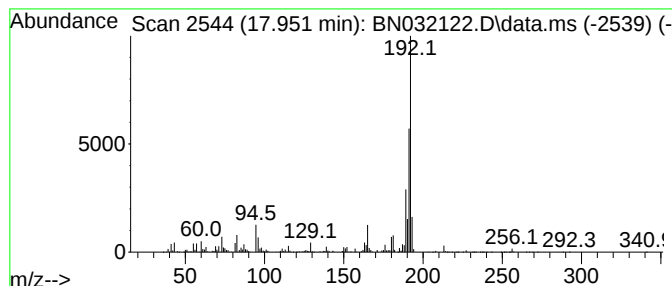
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.951	20.20 ng/ul	6320340	Phenanthrene-d10	17.033

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			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
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ALS Vial : 31 Sample Multiplier: 1

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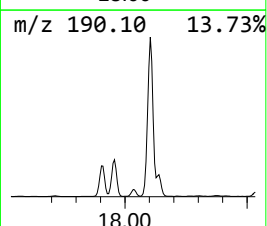
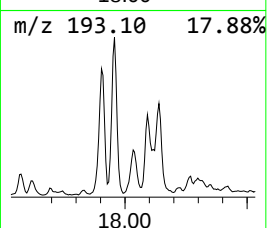
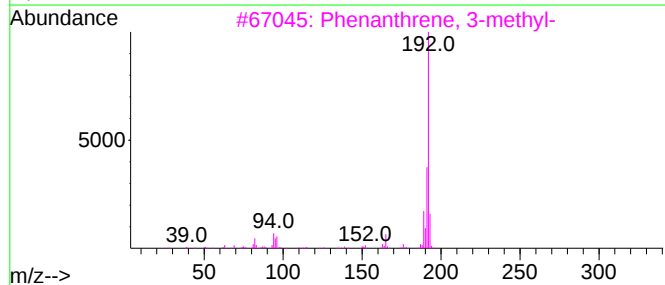
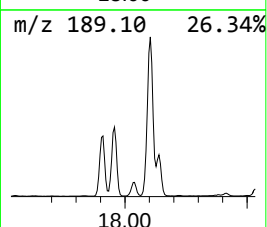
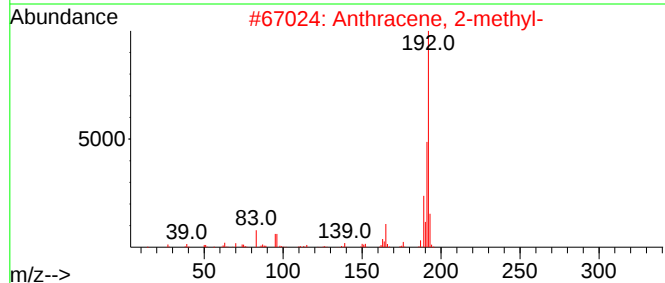
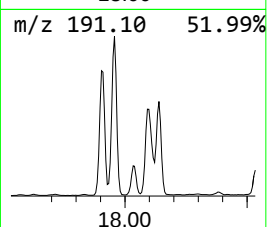
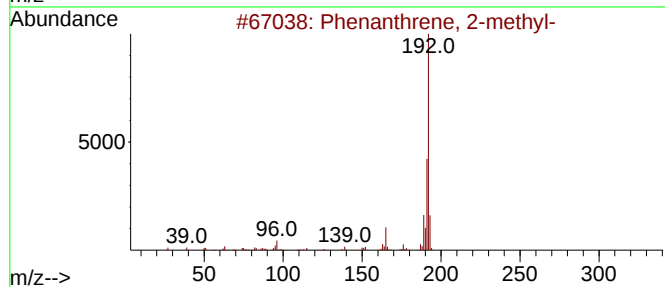
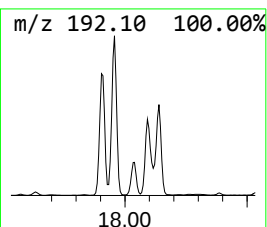
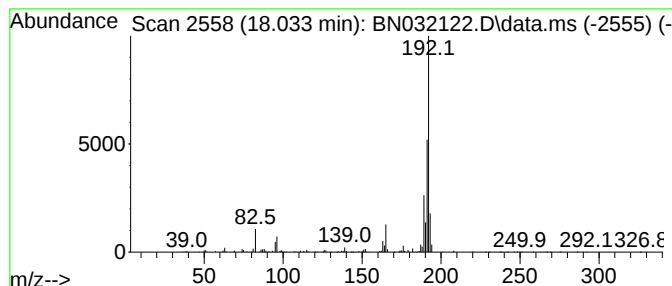
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.033	2.12 ng/ul	663013	Phenanthrene-d10	17.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
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Sample : P2710-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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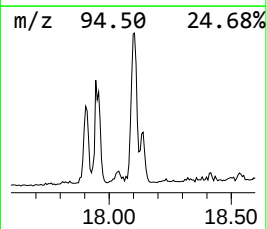
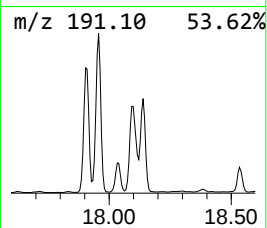
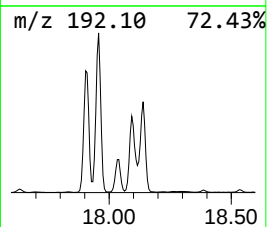
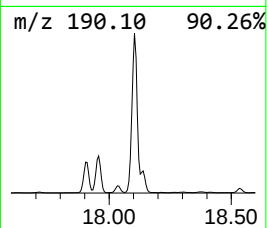
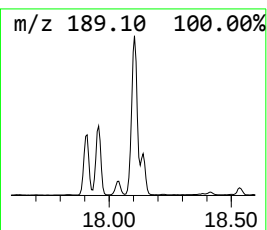
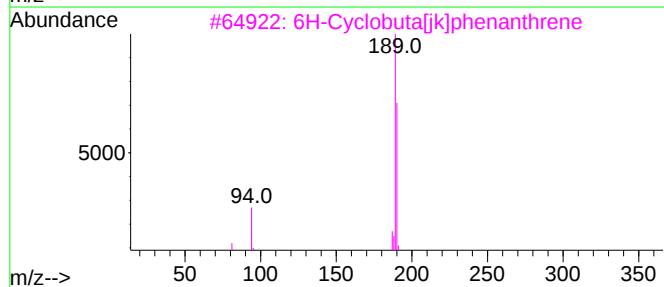
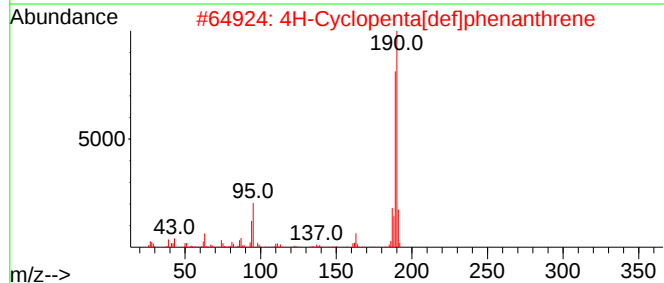
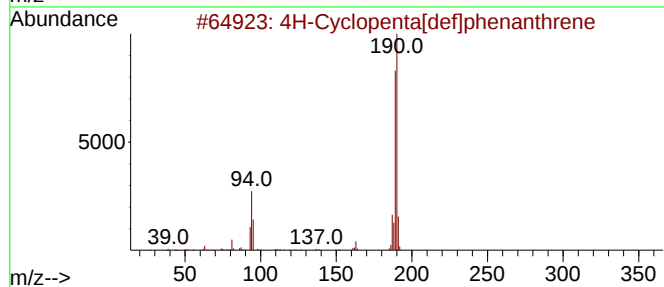
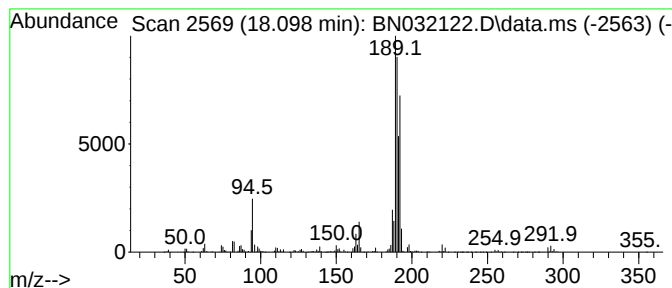
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	12.71 ng/ul	3976570	Phenanthrene-d10	17.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5			3-Bromo-2-hydroxy-2-cyclohexen-1...	190	C6H7BrO2	010324-65-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
Operator : MA/JU
Sample : P2710-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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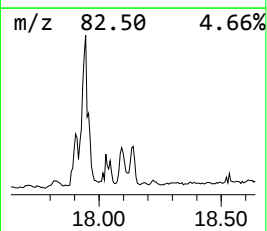
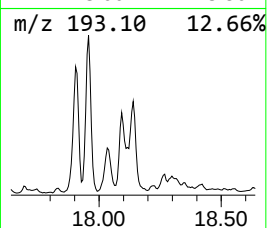
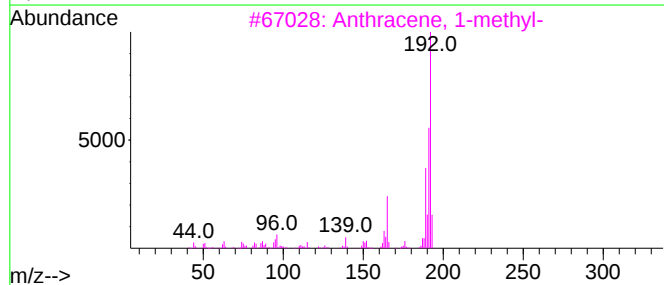
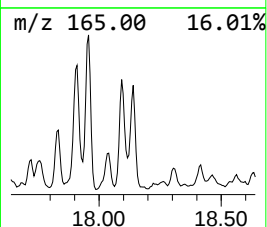
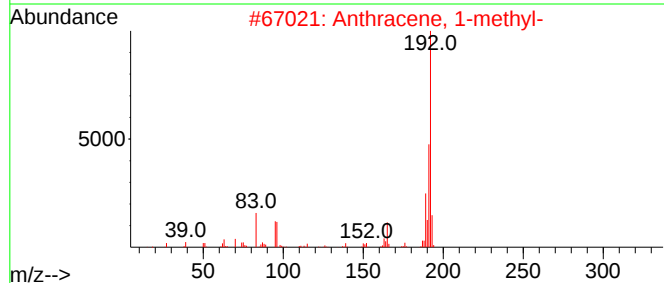
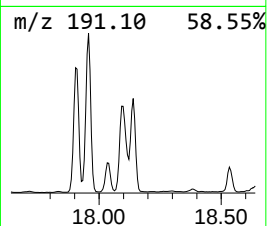
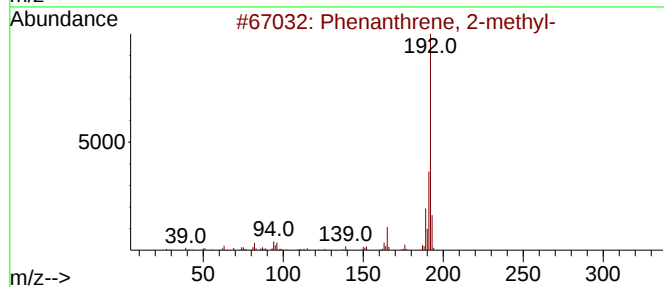
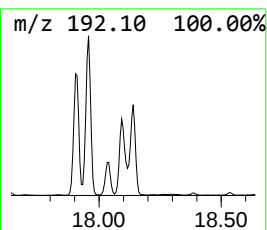
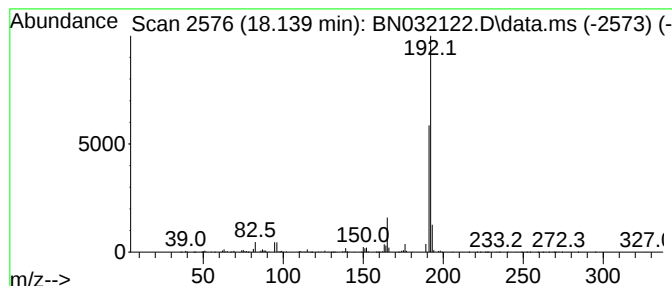
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	5.54 ng/ul	1732200	Phenanthrene-d10	17.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
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Sample : P2710-03
Misc :
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Instrument :
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ClientSampleId :
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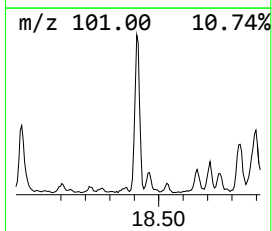
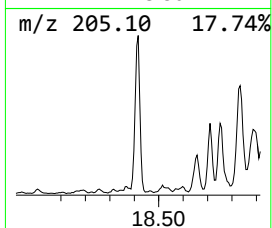
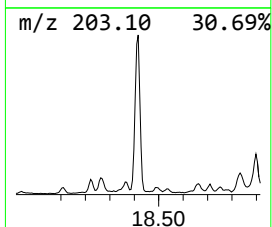
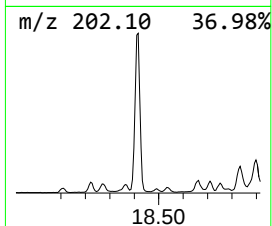
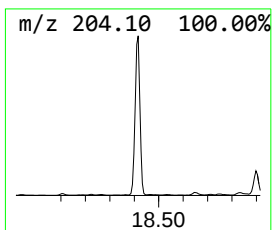
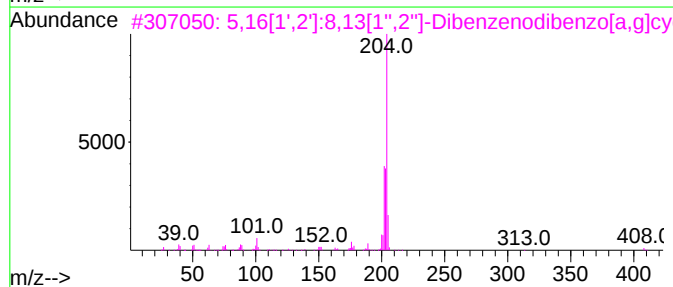
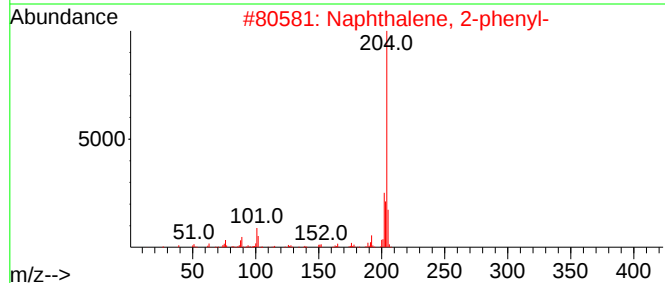
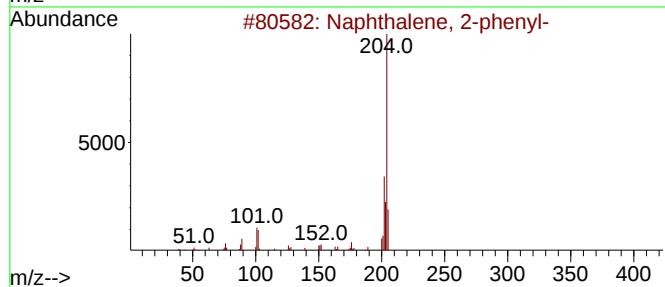
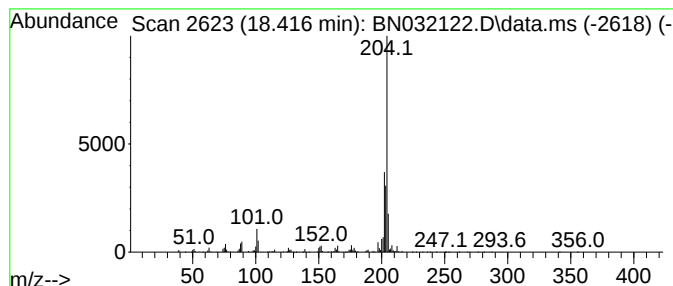
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.416	5.37 ng/ul	1678850	Phenanthrene-d10	17.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
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Sample : P2710-03
Misc :
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Instrument :
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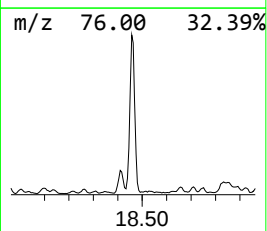
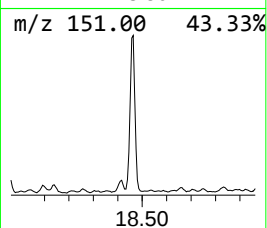
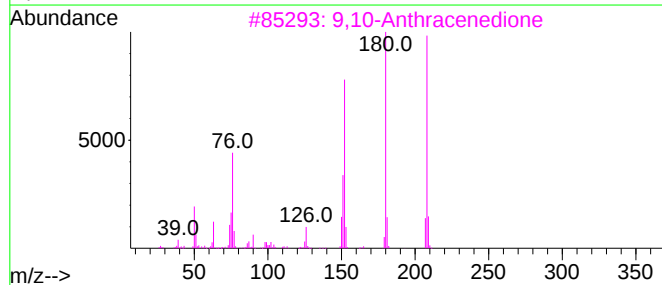
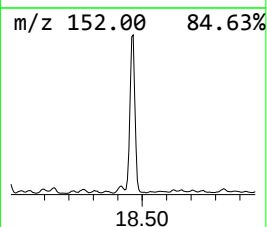
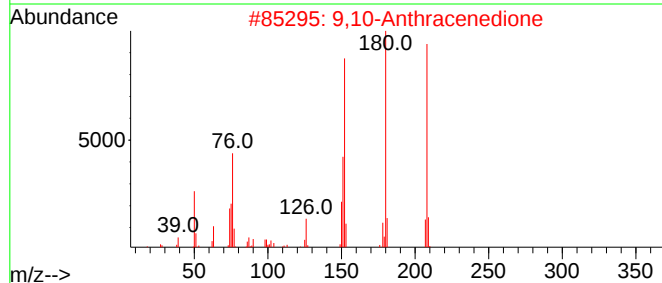
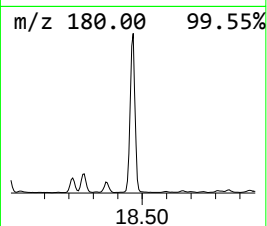
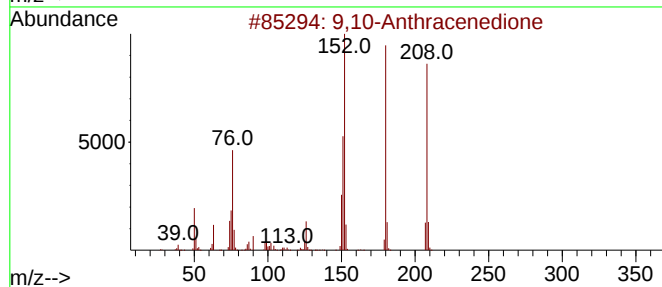
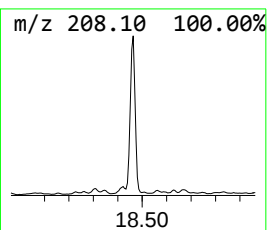
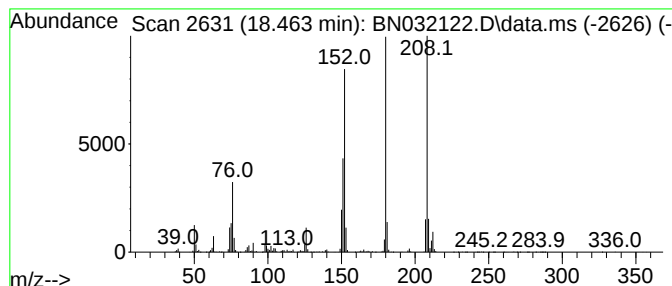
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	9.14 ng/ul	2859110	Phenanthrene-d10	17.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
5	1H-Phenalen-1-one			180	C13H8O	000548-39-0	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
Operator : MA/JU
Sample : P2710-03
Misc :
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Instrument :
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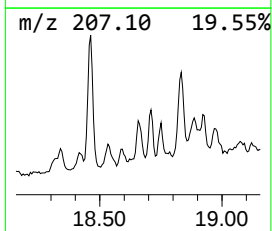
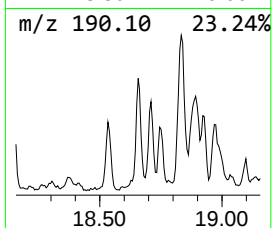
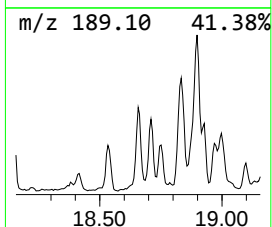
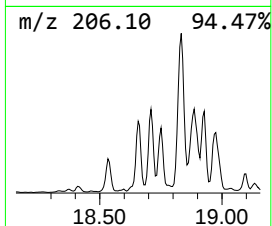
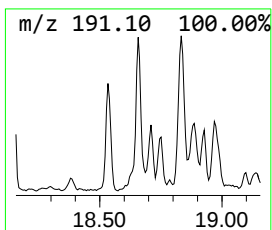
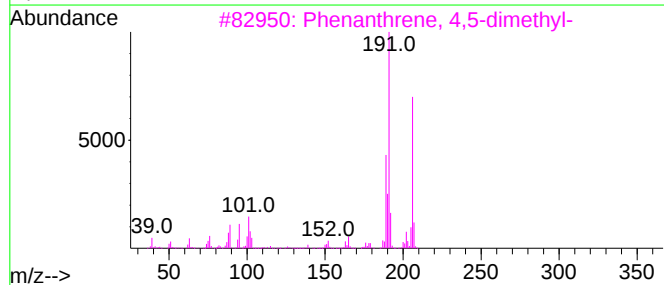
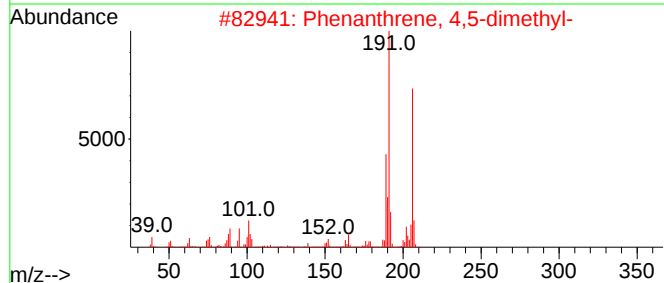
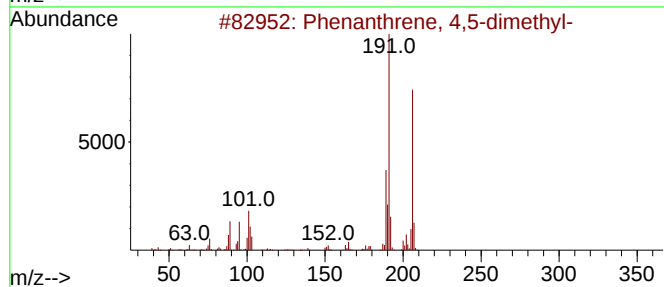
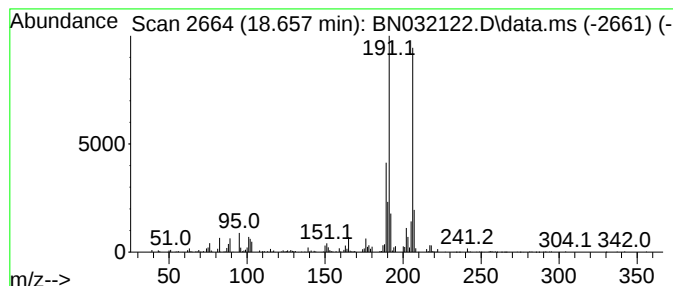
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Phenanthrene, 4,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	2.13 ng/ul	666026	Phenanthrene-d10	17.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
3			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
4			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
5			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
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Sample : P2710-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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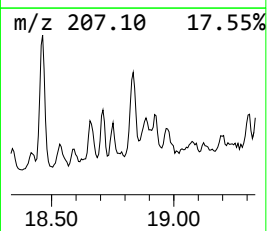
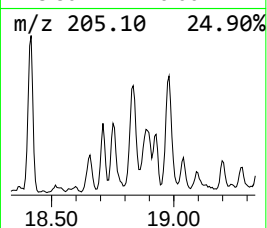
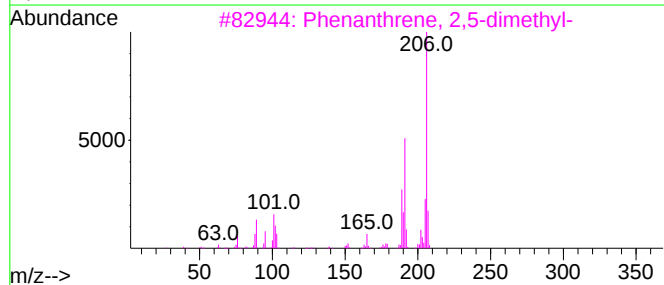
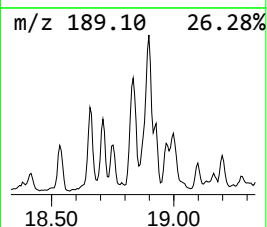
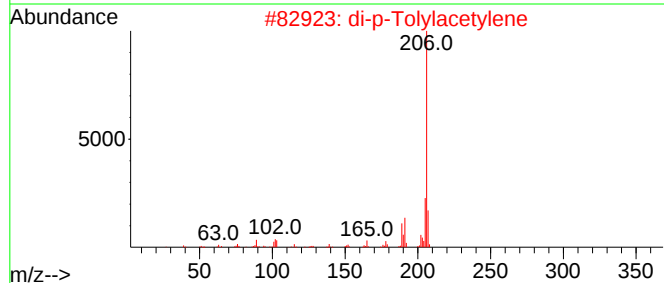
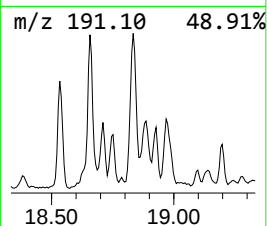
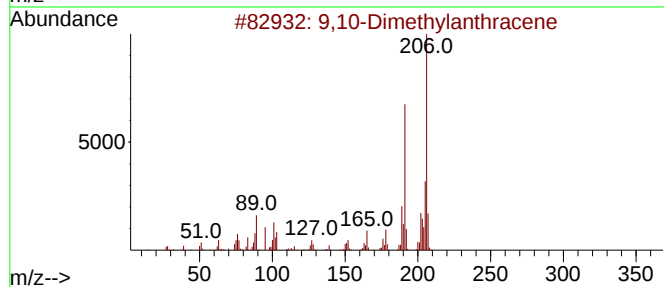
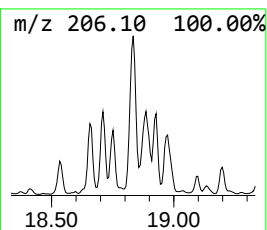
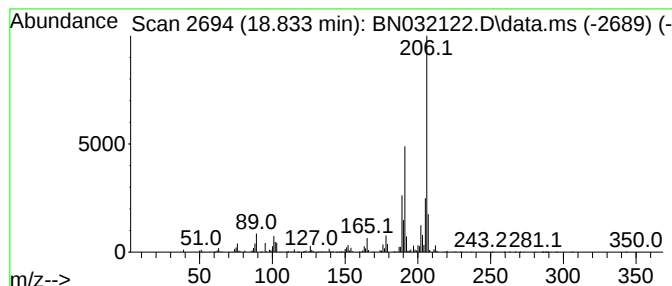
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 9,10-Dimethylantracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.833	3.76 ng/ul	1177240	Phenanthrene-d10	17.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	89
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
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Sample : P2710-03
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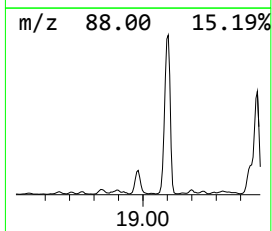
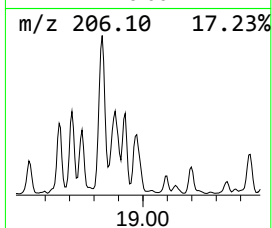
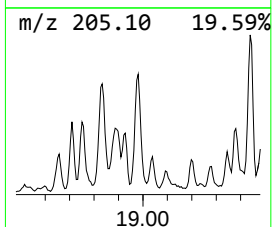
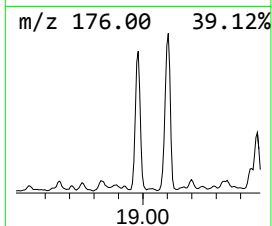
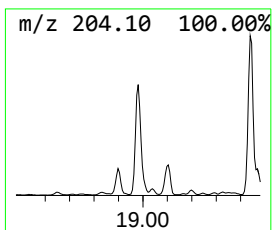
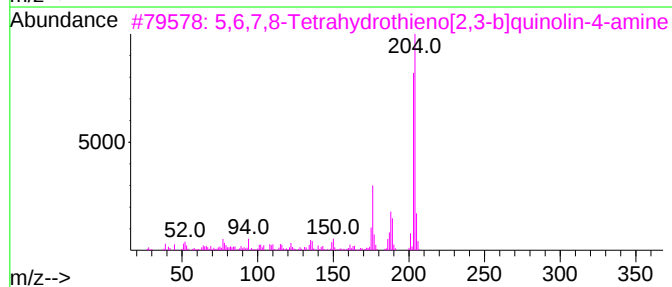
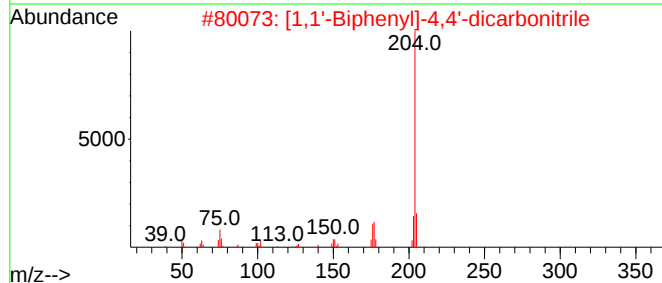
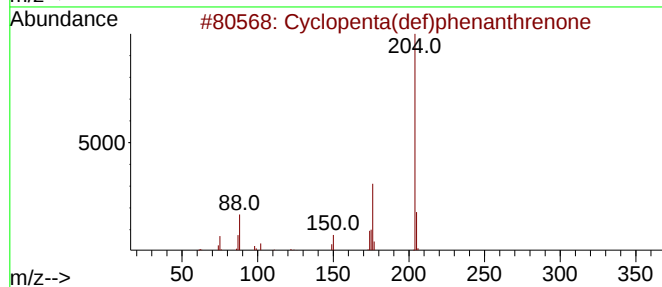
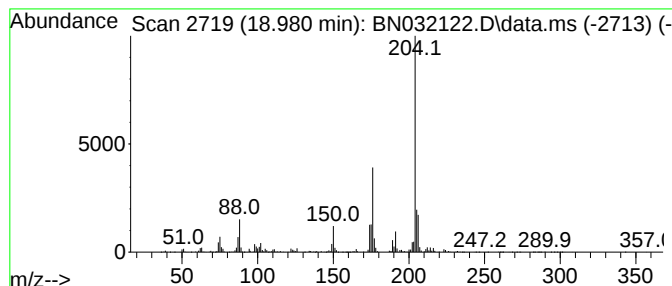
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.980	5.63 ng/ul	1761220	Phenanthrene-d10		17.033	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrene		204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile		204	C14H8N2	001591-30-6	58
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...		204	C11H12N2S	122914-50-5	53
4	.alpha.-L-Galactopyranoside, met...		394	C16H38O5Si3	056271-60-4	47
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile		204	C14H8N2	004341-02-0	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
Operator : MA/JU
Sample : P2710-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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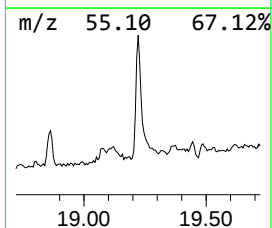
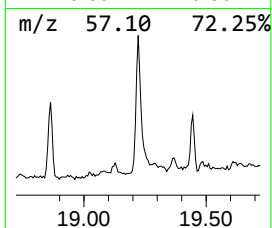
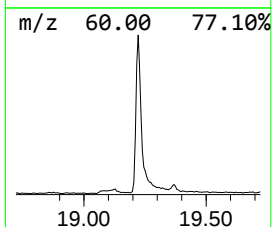
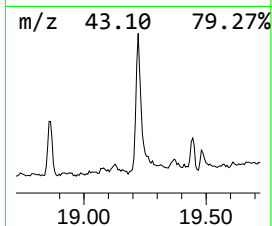
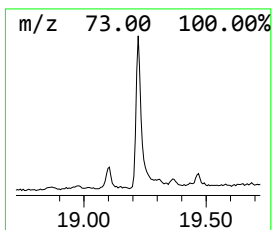
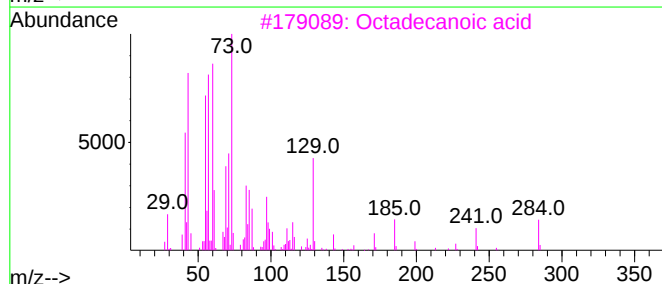
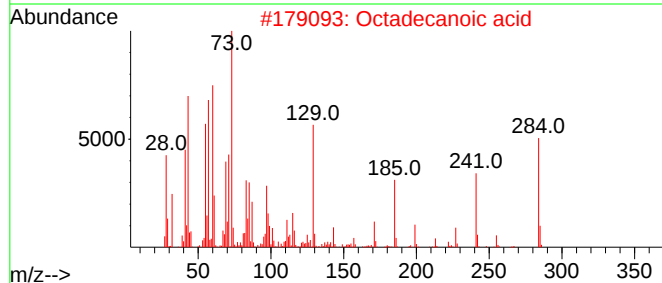
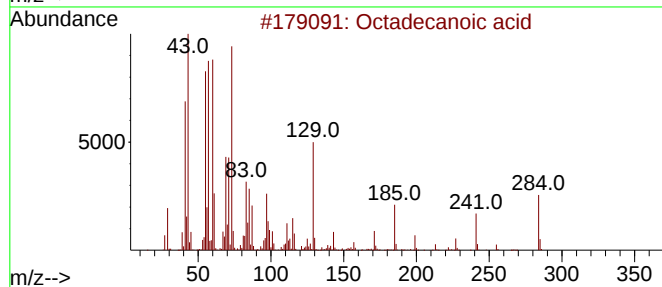
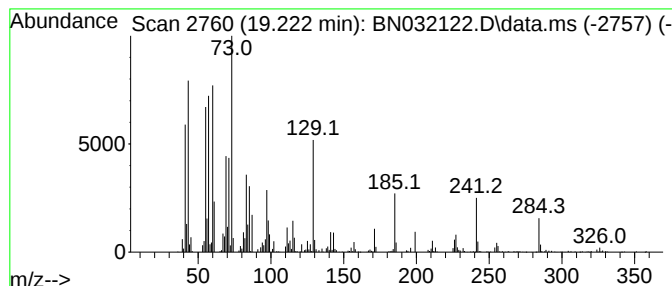
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.222	2.11 ng/ul	1402900	Chrysene-d12	21.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	98
4			Octadecanoic acid	284	C18H36O2	000057-11-4	95
5			Octadecanoic acid	284	C18H36O2	000057-11-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
Operator : MA/JU
Sample : P2710-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

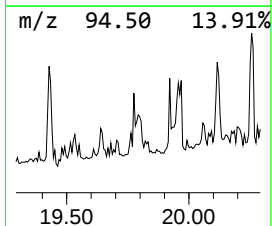
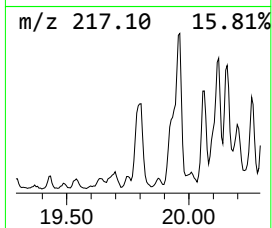
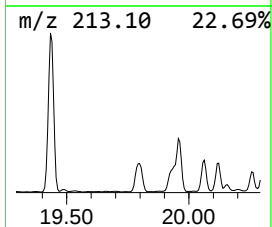
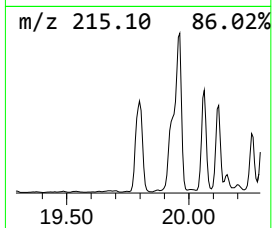
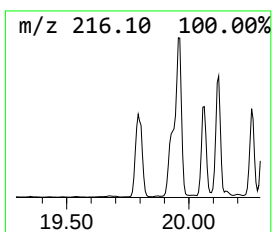
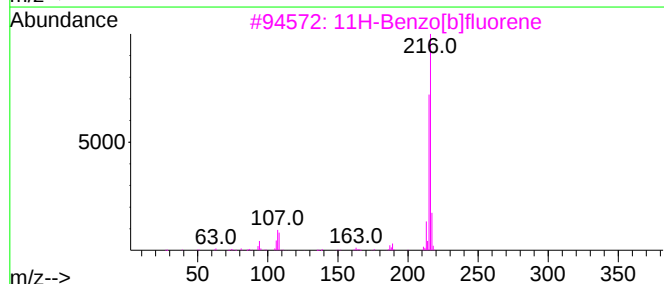
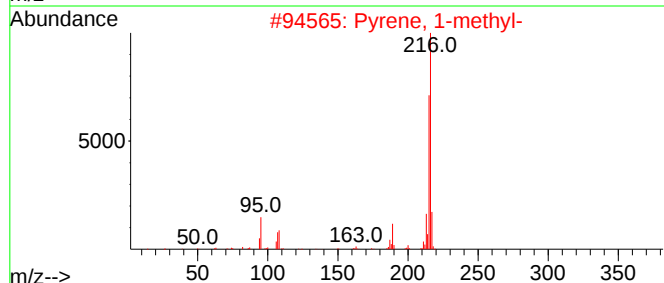
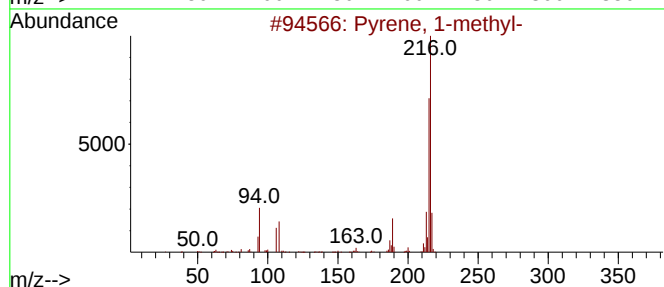
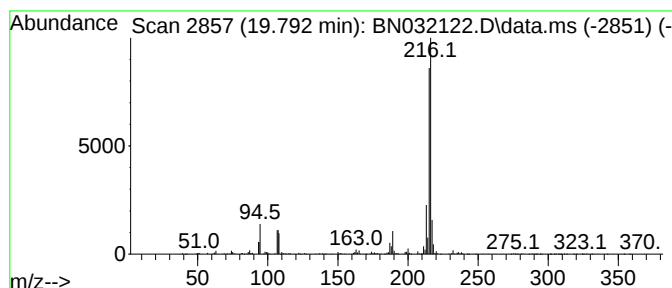
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.792	3.10 ng/ul	2065010	Chrysene-d12	21.269	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
Operator : MA/JU
Sample : P2710-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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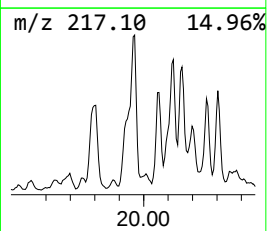
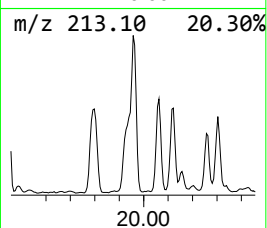
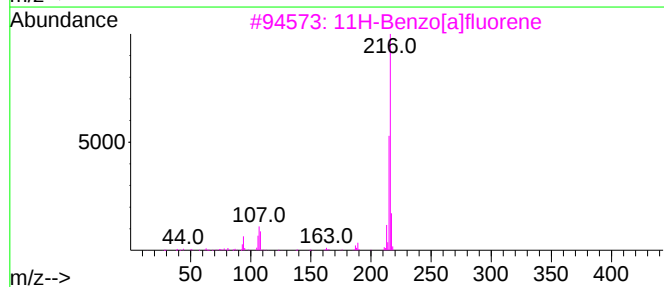
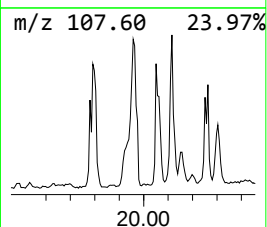
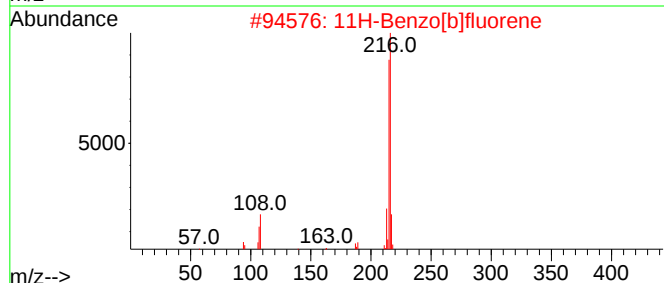
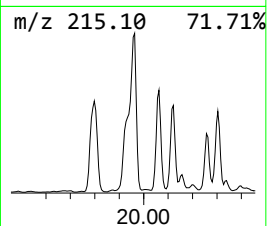
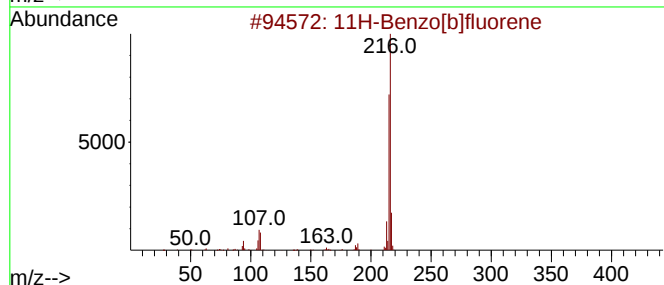
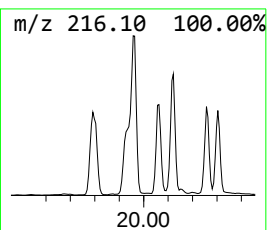
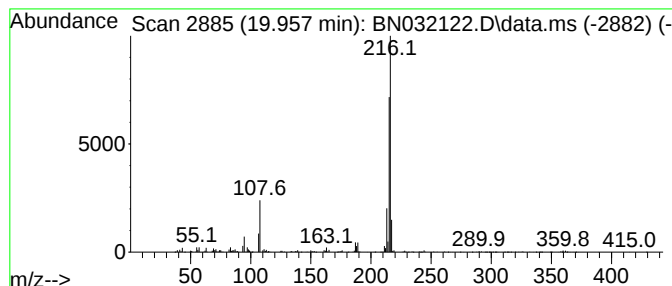
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.957	3.46 ng/ul	2300030	Chrysene-d12	21.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene			216	C17H12	000243-17-4	91
2	11H-Benzo[b]fluorene			216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene			216	C17H12	000238-84-6	87
4	11H-Benzo[a]fluorene			216	C17H12	000238-84-6	81
5	11H-Benzo[b]fluorene			216	C17H12	000243-17-4	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
Operator : MA/JU
Sample : P2710-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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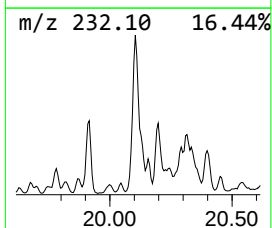
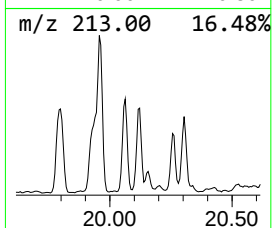
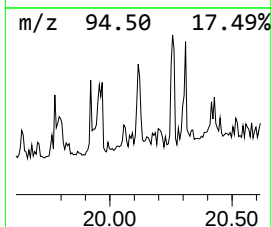
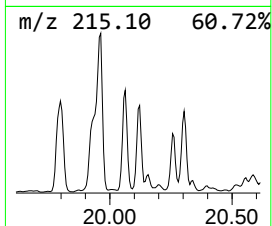
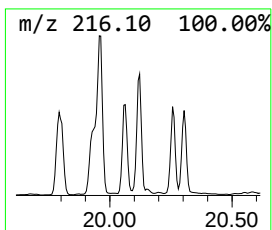
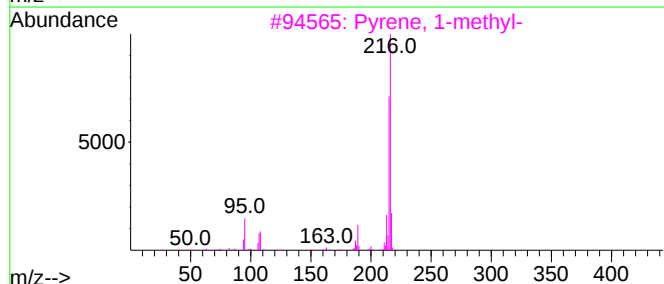
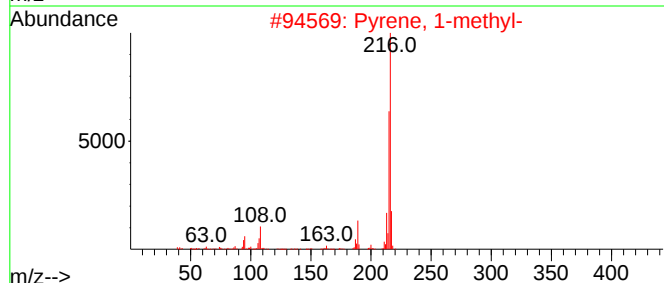
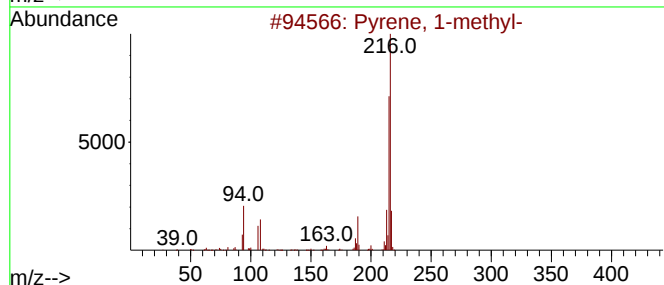
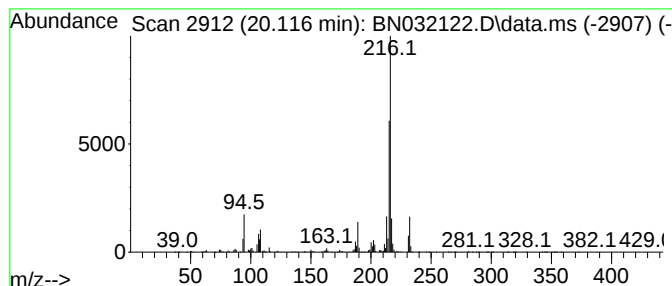
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.116	2.74 ng/ul	1825140	Chrysene-d12	21.269

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
Operator : MA/JU
Sample : P2710-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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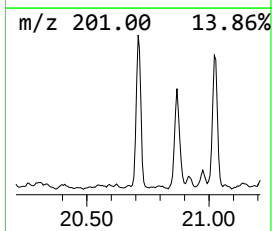
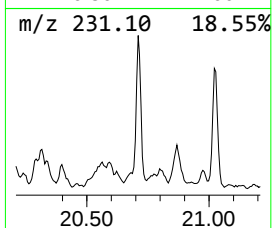
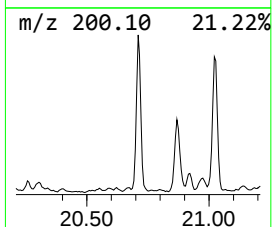
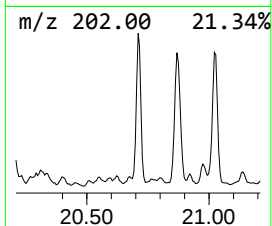
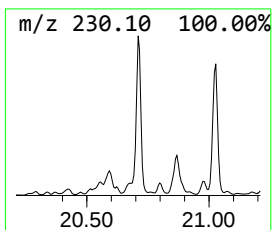
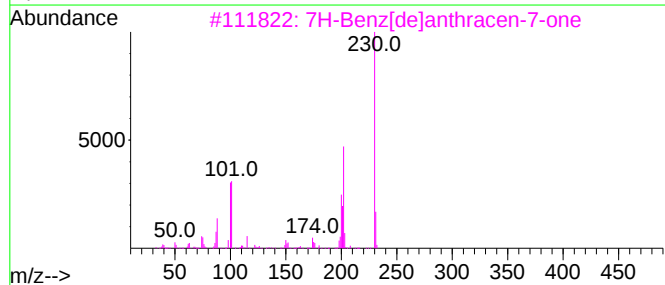
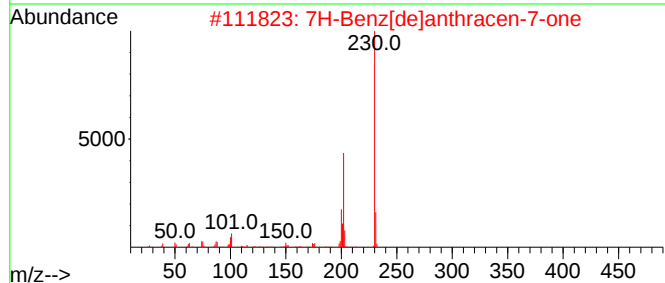
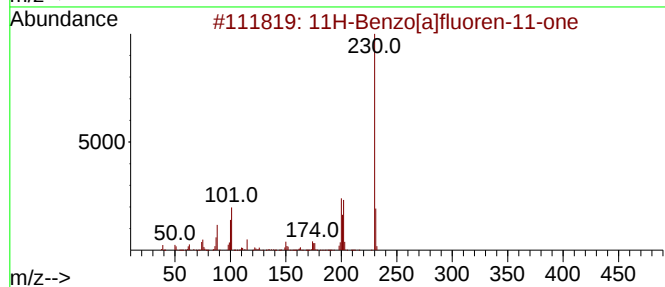
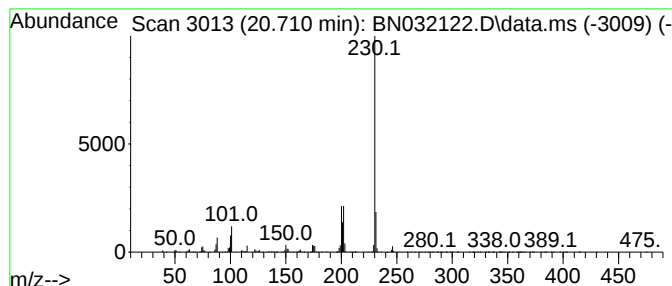
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Quant Title : SVOA CALIBRATION

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.
20.710	3.09 ng/ul	2055700	Chrysene-d12	21.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	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	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
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Misc :
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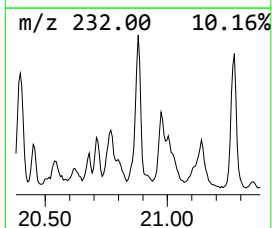
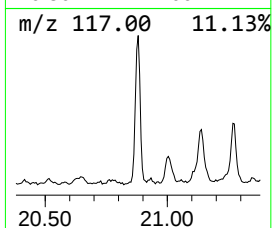
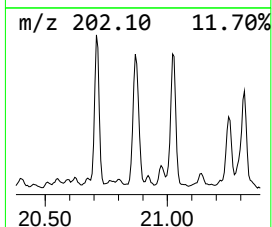
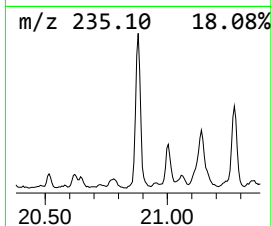
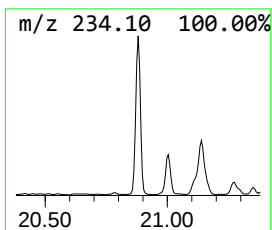
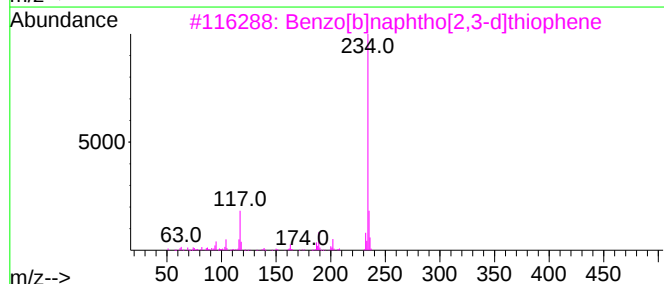
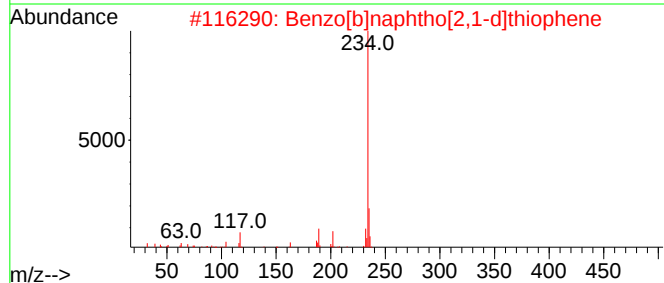
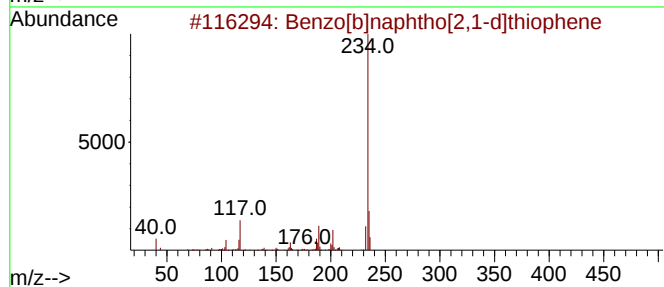
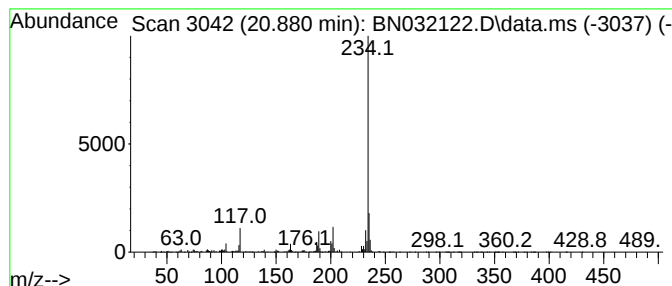
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.880	2.66 ng/ul	1771140	Chrysene-d12	21.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
4			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
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ALS Vial : 31 Sample Multiplier: 1

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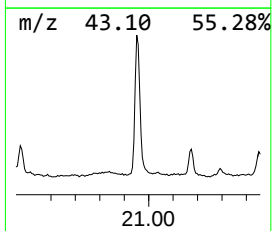
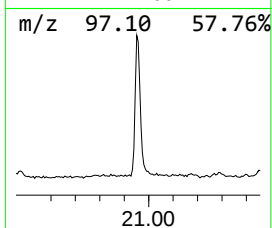
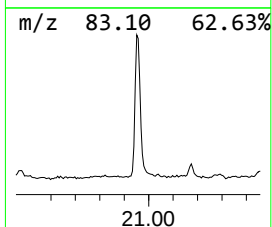
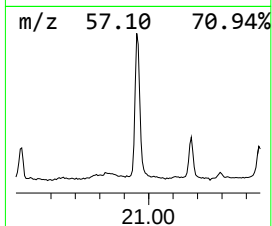
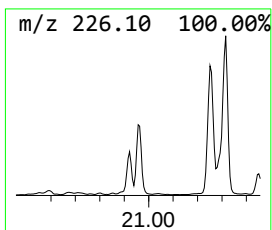
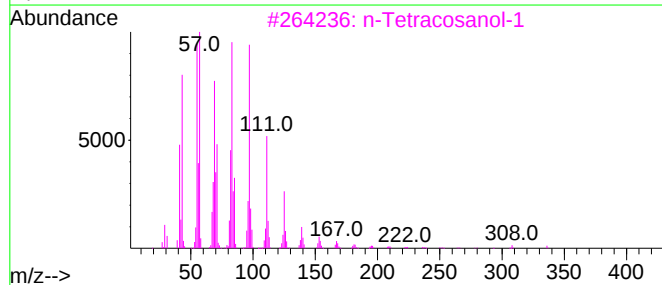
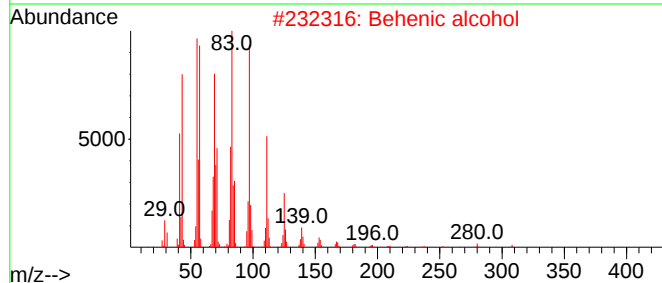
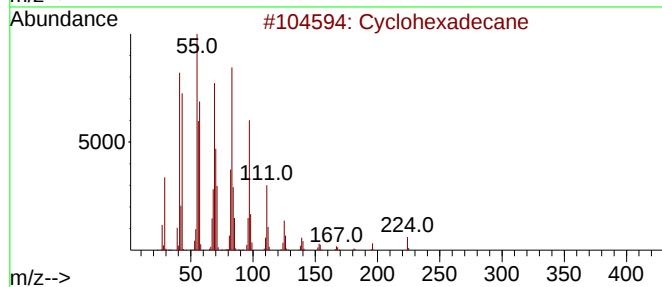
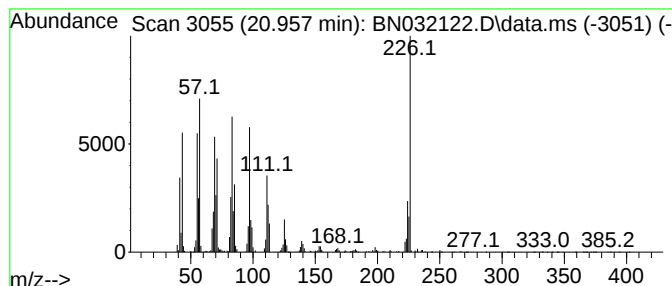
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Cyclic20.957 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.957	5.98 ng/ul	3978240	Chrysene-d12	21.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	96
2			Behenic alcohol	326	C22H46O	000661-19-8	84
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	83
4			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	70
5			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
Operator : MA/JU
Sample : P2710-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B23

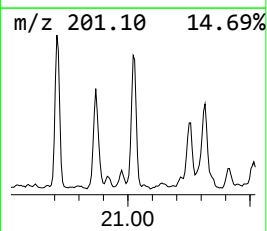
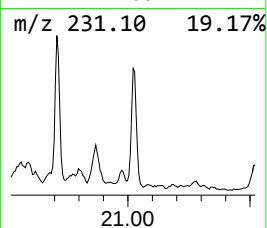
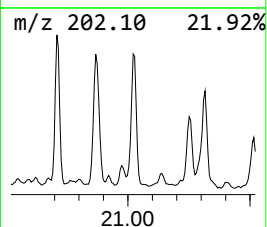
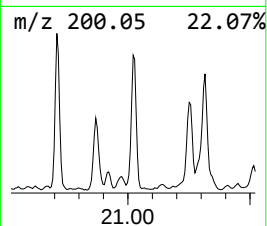
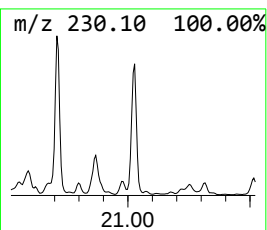
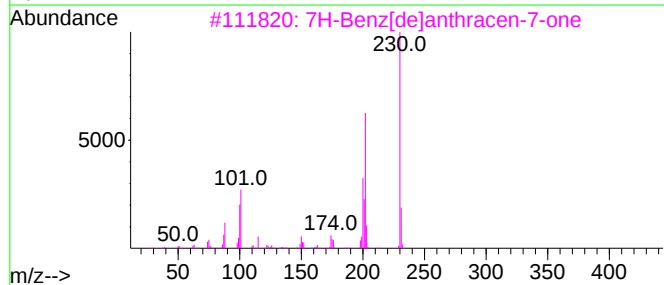
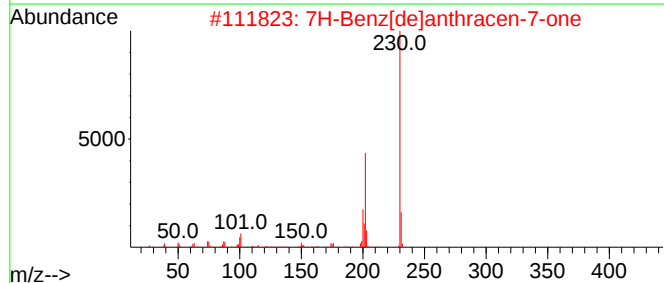
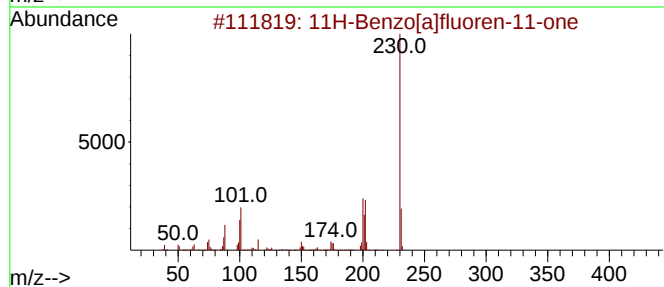
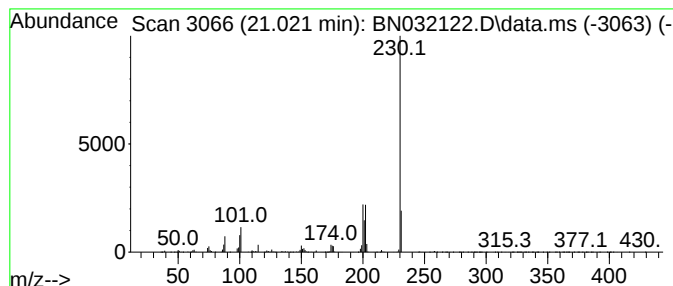
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Quant Title : SVOA CALIBRATION

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.
21.022	3.21 ng/ul	2134200	Chrysene-d12	21.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one			230	C17H10O	000479-79-8	97
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	90
5	7H-Benz[de]anthracen-7-one			230	C17H10O	000082-05-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032122.D
Acq On : 21 Jun 2024 08:24
Operator : MA/JU
Sample : P2710-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B23

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
unknown-01	4.775	2.1	ng/ul	283482	1	7.634	2645170	20.0
9H-Fluoren-9-one	16.692	5.1	ng/ul	1608730	4	17.033	6258260	20.0
Anthracene, 1,2...	16.786	3.3	ng/ul	1024120	4	17.033	6258260	20.0
Dibenzothiophene	16.851	5.6	ng/ul	1763410	4	17.033	6258260	20.0
2-Methyldibenzo...	17.610	4.0	ng/ul	1246320	4	17.033	6258260	20.0
4-Methylnaphtho...	17.757	2.9	ng/ul	908889	4	17.033	6258260	20.0
Phenanthrene, 1...	17.904	8.9	ng/ul	2793840	4	17.033	6258260	20.0
Phenanthrene, 2...	17.951	20.2	ng/ul	6320340	4	17.033	6258260	20.0
Anthracene, 2-m...	18.033	2.1	ng/ul	663013	4	17.033	6258260	20.0
4H-Cyclopenta[d...	18.098	12.7	ng/ul	3976570	4	17.033	6258260	20.0
Anthracene, 1-m...	18.139	5.5	ng/ul	1732200	4	17.033	6258260	20.0
Naphthalene, 2-...	18.416	5.4	ng/ul	1678850	4	17.033	6258260	20.0
9,10-Anthracene...	18.463	9.1	ng/ul	2859110	4	17.033	6258260	20.0
Phenanthrene, 4...	18.657	2.1	ng/ul	666026	4	17.033	6258260	20.0
9,10-Dimethylan...	18.833	3.8	ng/ul	1177240	4	17.033	6258260	20.0
Cyclopenta(def)...	18.980	5.6	ng/ul	1761220	4	17.033	6258260	20.0
Octadecanoic acid	19.222	2.1	ng/ul	1402900	5	21.269	13306400	20.0
Pyrene, 1-methyl-	19.792	3.1	ng/ul	2065010	5	21.269	13306400	20.0
11H-Benzo[b]flu...	19.957	3.5	ng/ul	2300030	5	21.269	13306400	20.0
Fluoranthene, 2...	20.116	2.7	ng/ul	1825140	5	21.269	13306400	20.0
11H-Benzo[a]flu...	20.710	3.1	ng/ul	2055700	5	21.269	13306400	20.0
Benzo[b]naphtho...	20.880	2.7	ng/ul	1771140	5	21.269	13306400	20.0
(DEL) Alkane: C...	20.957	6.0	ng/ul	3978240	5	21.269	13306400	20.0
7H-Benz[de]anth...	21.022	3.2	ng/ul	2134200	5	21.269	13306400	20.0