

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031948.D
 Acq On : 12 Jun 2024 19:20
 Operator : MA/JU
 Sample : P2678-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH682

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: BN031948.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.587	99	102	115	rBV	232122	395128	3.00%	0.185%
2	4.793	299	307	317	rBV	208218	324456	2.46%	0.152%
3	6.834	644	654	668	rVV	1702137	2916995	22.13%	1.366%
4	7.004	676	683	694	rVB	1330533	2190459	16.62%	1.026%
5	7.193	708	715	724	rBV	1739229	2748765	20.85%	1.287%
6	7.657	784	794	802	rVV	1687673	2711059	20.57%	1.269%
7	8.363	907	914	924	rVV	1984666	3359456	25.49%	1.573%
8	8.481	928	934	941	rVV	196963	344455	2.61%	0.161%
9	8.816	983	991	997	rBV	1649356	2712707	20.58%	1.270%
10	9.381	1080	1087	1100	rVB2	152649	259586	1.97%	0.122%
11	9.534	1104	1113	1124	rBV	1306173	2273544	17.25%	1.064%
12	10.063	1196	1203	1213	rBV	2029503	3571419	27.09%	1.672%
13	10.439	1257	1267	1273	rBV	2424168	4204564	31.90%	1.968%
14	10.587	1282	1292	1312	rBV	575890	1195255	9.07%	0.560%
15	11.181	1386	1393	1400	rBV2	348582	712178	5.40%	0.333%
16	12.104	1544	1550	1558	rVB	151908	262575	1.99%	0.123%
17	12.328	1582	1588	1597	rVV	140119	237562	1.80%	0.111%
18	13.622	1802	1808	1812	rBV	176577	294921	2.24%	0.138%
19	13.722	1819	1825	1830	rVV	3481774	4906430	37.22%	2.297%
20	13.992	1865	1871	1882	rBV	4032814	7031478	53.34%	3.292%
21	14.304	1913	1924	1930	rBV	3671422	5630446	42.71%	2.636%
22	14.369	1930	1935	1943	rVV2	228019	423980	3.22%	0.198%
23	14.522	1954	1961	1969	rBV	1400497	2408044	18.27%	1.127%
24	14.704	1989	1992	2000	rVV	223642	395913	3.00%	0.185%
25	15.298	2086	2093	2099	rVV	5113492	7634030	57.91%	3.574%
26	15.351	2099	2102	2106	rVV2	240720	340724	2.58%	0.160%
27	15.427	2110	2115	2121	rVV	1246643	1785190	13.54%	0.836%
28	15.645	2148	2152	2159	rVB	145364	249814	1.90%	0.117%
29	15.798	2174	2178	2185	rVB2	129882	265384	2.01%	0.124%
30	16.027	2211	2217	2224	rBV5	265036	580357	4.40%	0.272%
31	16.357	2265	2273	2278	rBV5	141064	307041	2.33%	0.144%
32	16.586	2305	2312	2316	rBV3	128272	277841	2.11%	0.130%
33	16.710	2328	2333	2340	rVB2	354700	558679	4.24%	0.262%
34	16.869	2356	2360	2368	rVB	285669	439019	3.33%	0.206%
35	17.051	2382	2391	2395	rBV	3944136	6173876	46.84%	2.890%
36	17.098	2395	2399	2403	rVV	4643908	6429866	48.78%	3.010%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	17.151	2403	2408	2412	rVV2	5049648	7171319	54.40%	3.357%
38	17.186	2412	2414	2419	rVB	881416	962450	7.30%	0.451%
39	17.245	2419	2424	2429	rBV3	176831	325080	2.47%	0.152%
40	17.463	2451	2461	2472	rBV2	476958	1098992	8.34%	0.515%
41	17.633	2485	2490	2498	rVB3	254587	431877	3.28%	0.202%
42	17.880	2529	2532	2535	rVV3	186485	237760	1.80%	0.111%
43	17.927	2535	2540	2542	rVV	1053185	1481511	11.24%	0.694%
44	17.968	2542	2547	2554	rVV2	1813383	4153909	31.51%	1.945%
45	18.027	2554	2557	2559	rVV	210833	296689	2.25%	0.139%
46	18.057	2559	2562	2566	rVV	308174	440902	3.34%	0.206%
47	18.116	2567	2572	2577	rVV2	1289475	2473601	18.77%	1.158%
48	18.157	2577	2579	2586	rVB	740306	943780	7.16%	0.442%
49	18.245	2589	2594	2597	rBV5	266142	405062	3.07%	0.190%
50	18.321	2604	2607	2612	rVB3	172693	252358	1.91%	0.118%
51	18.433	2621	2626	2629	rBV	699647	945923	7.18%	0.443%
52	18.474	2629	2633	2639	rVB2	844542	1184469	8.99%	0.555%
53	18.680	2664	2668	2672	rVV	332359	474307	3.60%	0.222%
54	18.727	2672	2676	2680	rVV	422709	585819	4.44%	0.274%
55	18.768	2680	2683	2687	rVB	325409	414483	3.14%	0.194%
56	18.851	2692	2697	2701	rBV	887135	1520106	11.53%	0.712%
57	18.945	2710	2713	2716	rVB	295784	342191	2.60%	0.160%
58	18.992	2716	2721	2729	rBV	699759	1362808	10.34%	0.638%
59	19.121	2735	2743	2750	rBV	9152797	13181804	100.00%	6.171%
60	19.186	2750	2754	2756	rBV2	198144	237292	1.80%	0.111%
61	19.215	2756	2759	2761	rBV	237969	291876	2.21%	0.137%
62	19.239	2761	2763	2766	rBV	252981	274461	2.08%	0.128%
63	19.321	2773	2777	2780	rBV2	205137	269015	2.04%	0.126%
64	19.363	2781	2784	2787	rVB	225022	252914	1.92%	0.118%
65	19.451	2794	2799	2802	rBV3	5237087	8490519	64.41%	3.975%
66	19.480	2802	2804	2812	rVV	6653377	9210202	69.87%	4.312%
67	19.557	2812	2817	2822	rVB2	583778	919127	6.97%	0.430%
68	19.663	2831	2835	2841	rVB	457473	713742	5.41%	0.334%
69	19.721	2841	2845	2850	rVB2	349262	561600	4.26%	0.263%
70	19.804	2854	2859	2868	rBV5	726115	1849749	14.03%	0.866%
71	19.945	2877	2883	2885	rBV3	643227	1157356	8.78%	0.542%
72	19.980	2885	2889	2897	rVB2	1151677	1931586	14.65%	0.904%
73	20.080	2902	2906	2909	rVV2	630913	789831	5.99%	0.370%
74	20.133	2910	2915	2920	rVV2	993369	1706787	12.95%	0.799%
75	20.174	2920	2922	2926	rVB3	262846	307501	2.33%	0.144%
76	20.221	2927	2930	2936	rVV4	145343	320778	2.43%	0.150%

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77	20.274	2936	2939	2943	rVV	592229	792886	6.02%	0.371%
78	20.321	2943	2947	2951	rVV	631054	966144	7.33%	0.452%
79	20.392	2955	2959	2963	rVB2	561235	674396	5.12%	0.316%
80	20.498	2974	2977	2980	rVB2	214672	240089	1.82%	0.112%
81	20.727	3012	3016	3023	rVB	1225812	1672650	12.69%	0.783%
82	20.898	3039	3045	3049	rBV3	857564	1656782	12.57%	0.776%
83	20.939	3049	3052	3055	rVV	852758	1141212	8.66%	0.534%
84	20.980	3055	3059	3065	rVV2	1790072	3083900	23.40%	1.444%
85	21.045	3066	3070	3081	rVB	1076071	1935291	14.68%	0.906%
86	21.198	3092	3096	3100	rVB	1179808	1401145	10.63%	0.656%
87	21.280	3104	3110	3116	rVV3	4927812	12214517	92.66%	5.718%
88	21.333	3116	3119	3130	rVB	4202580	6291505	47.73%	2.945%
89	21.474	3139	3143	3150	rBV3	464735	921180	6.99%	0.431%
90	21.962	3222	3226	3231	rVB	825958	1307262	9.92%	0.612%
91	22.033	3233	3238	3246	rBV3	948268	1829460	13.88%	0.856%
92	22.209	3264	3268	3272	rBV3	471261	778484	5.91%	0.364%
93	23.304	3445	3454	3460	rBV	3079842	9509936	72.14%	4.452%
94	23.451	3475	3479	3486	rVV	581218	1202333	9.12%	0.563%
95	23.527	3488	3492	3500	rVB	524335	1010437	7.67%	0.473%
96	23.951	3558	3564	3569	rBV2	665418	1566322	11.88%	0.733%
97	24.021	3570	3576	3581	rVV	1491984	3487994	26.46%	1.633%
98	24.086	3581	3587	3599	rVB	1621209	4051789	30.74%	1.897%
99	24.221	3602	3610	3618	rBV	1919900	4749678	36.03%	2.224%
100	27.515	4162	4170	4192	rVB4	975335	4587893	34.80%	2.148%

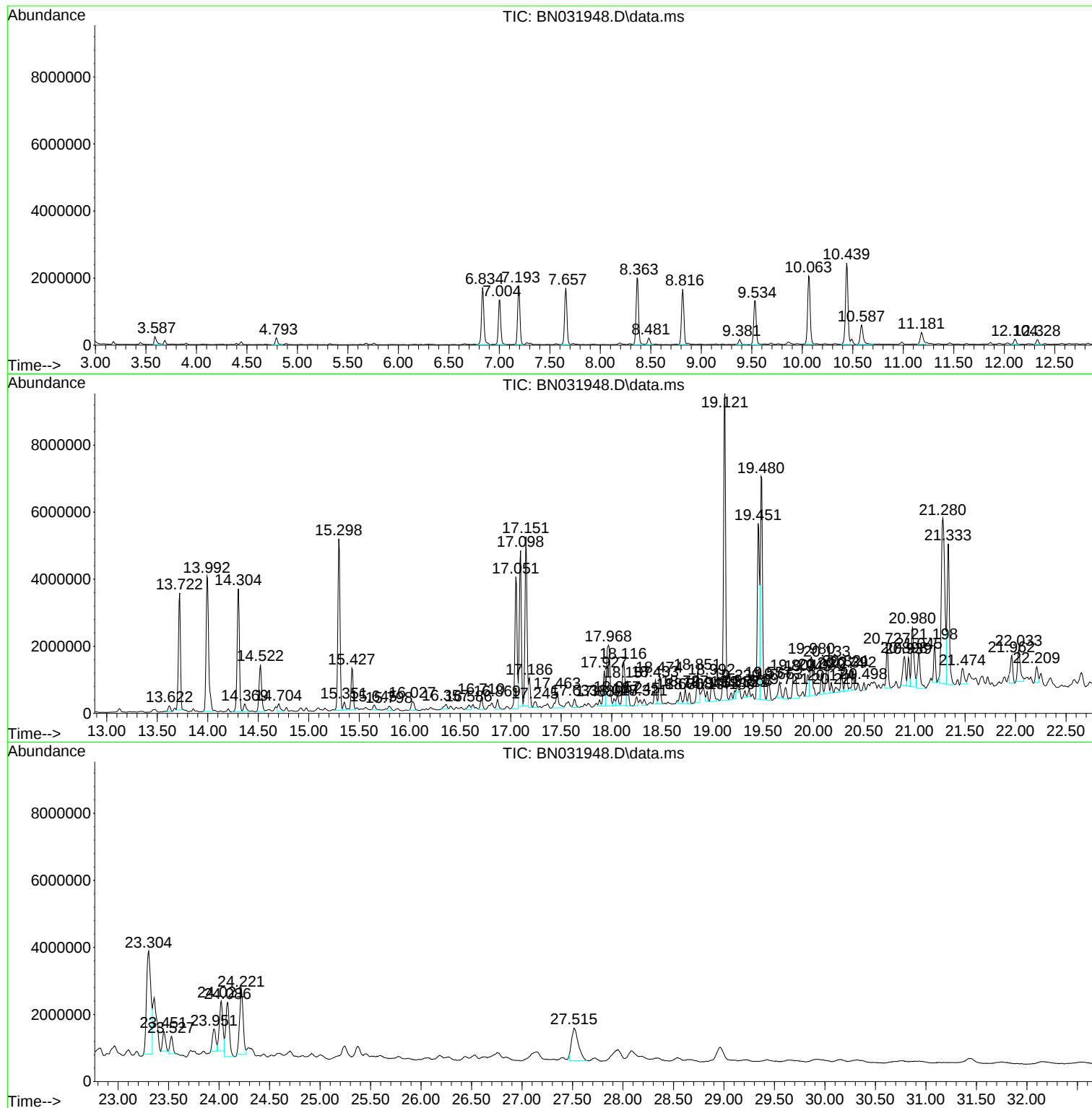
Sum of corrected areas: 213598017

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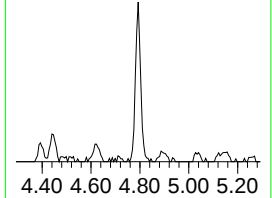
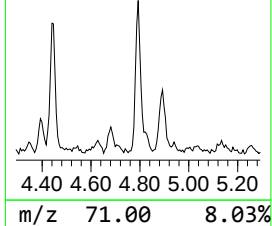
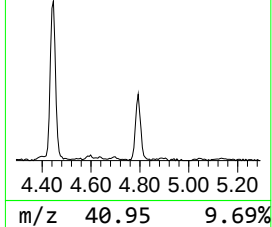
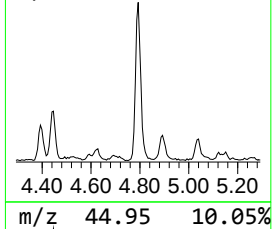
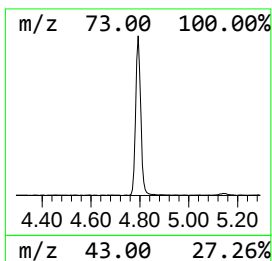
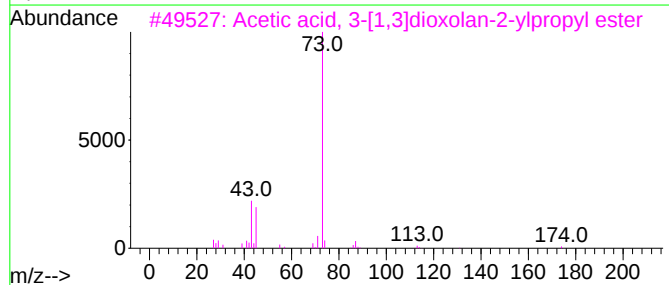
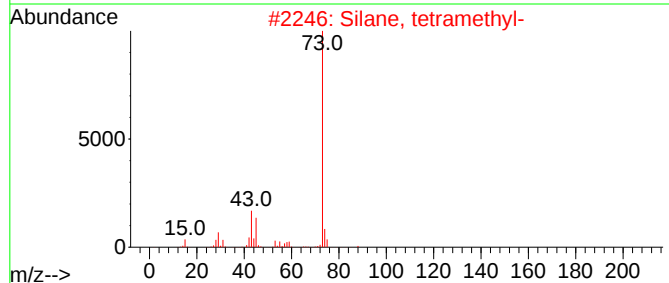
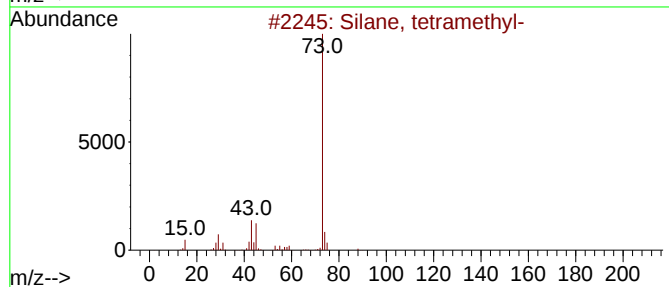
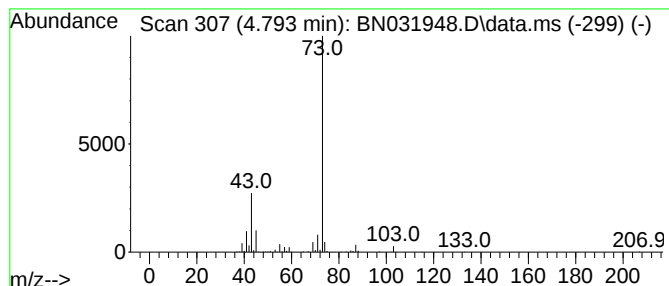
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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.
4.793	2.39 ng/ul	324456	1,4-Dichlorobenzene-d4	7.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3			Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	33
4			2-Ethylhexanal ethylene glycol a...	172	C10H20O2	1000431-01-2	28
5			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	28



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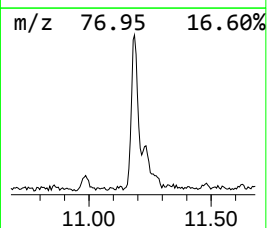
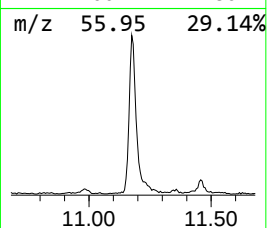
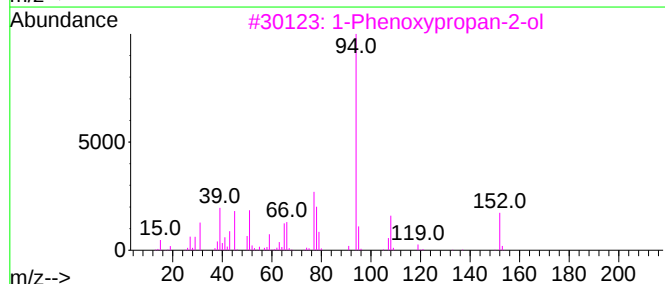
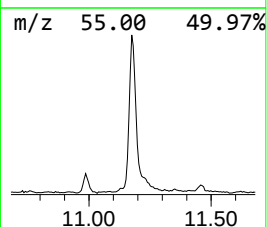
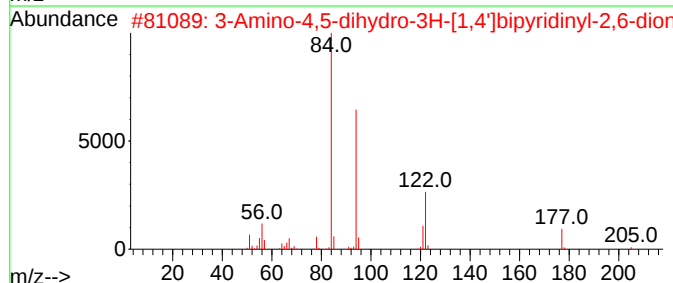
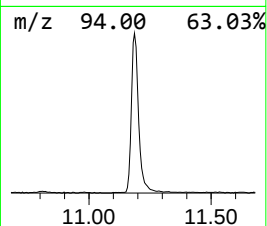
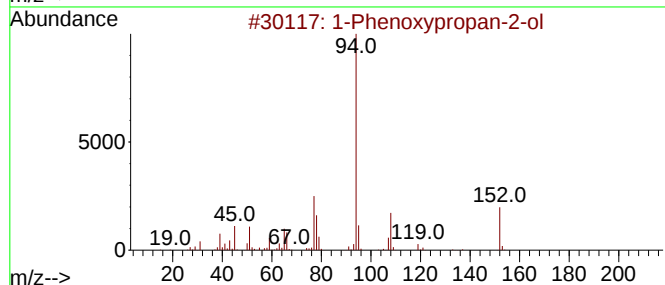
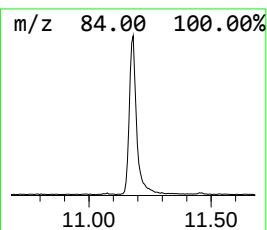
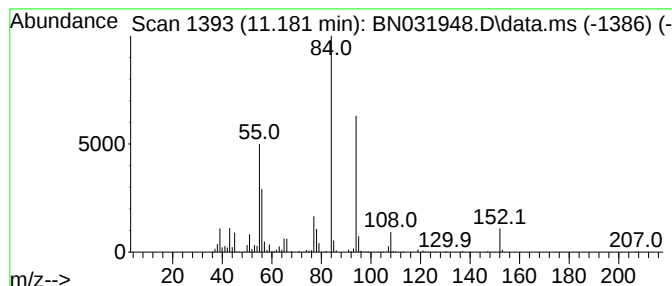
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Phenoxypropan-2-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.181	3.39 ng/ul	712178	Naphthalene-d8	10.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	83
2			3-Amino-4,5-dihydro-3H-[1,4']bip...	205	C10H11N3O2	1010285-87-9	59
3			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	46
4			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	46
5			Benzene-D6	84	C6D6	001076-43-3	38



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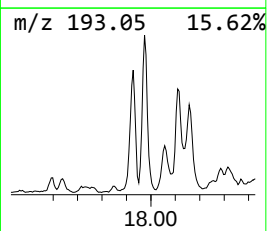
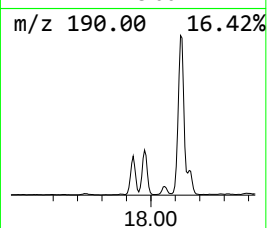
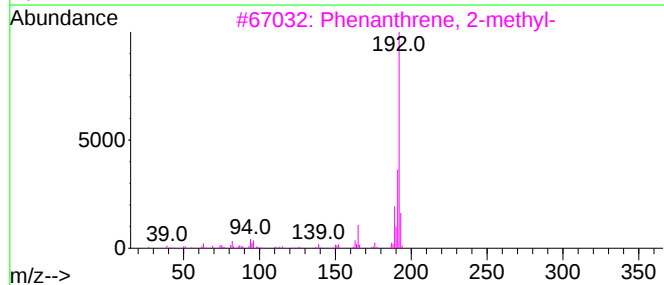
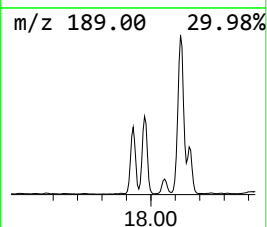
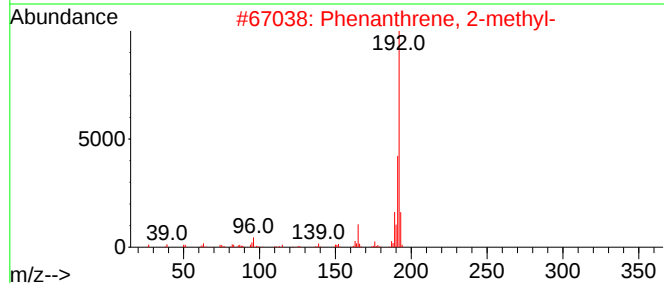
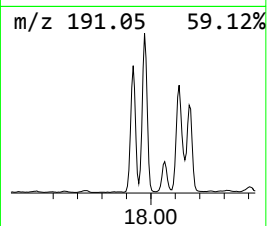
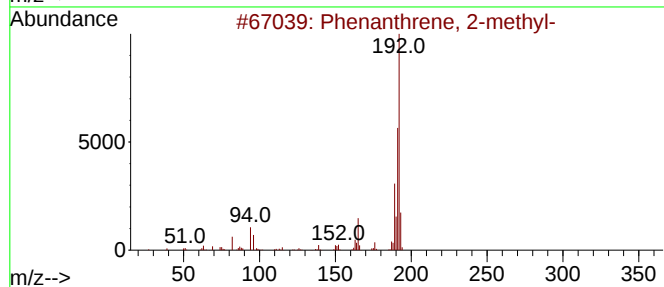
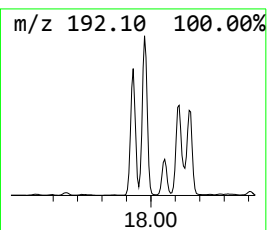
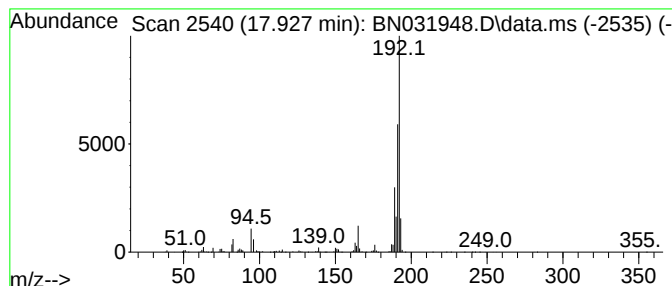
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	4.80 ng/ul	1481510	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
Acq On : 12 Jun 2024 19:20
Operator : MA/JU
Sample : P2678-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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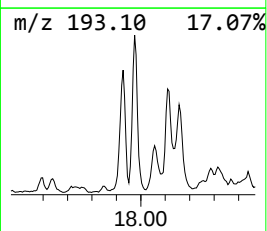
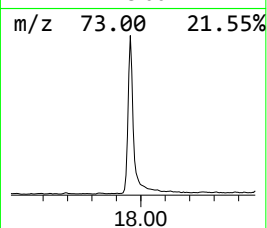
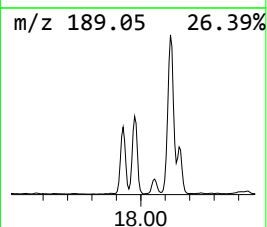
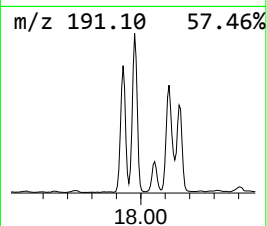
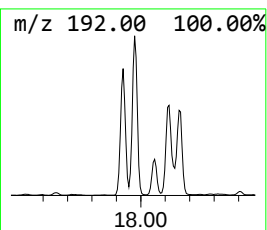
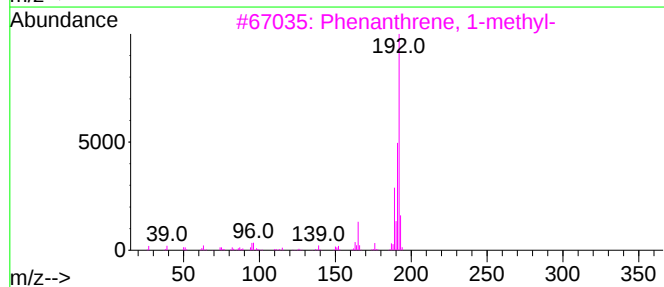
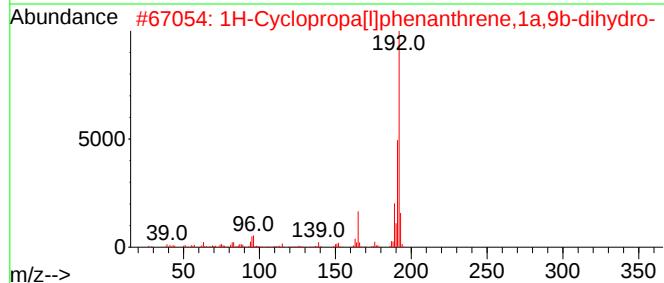
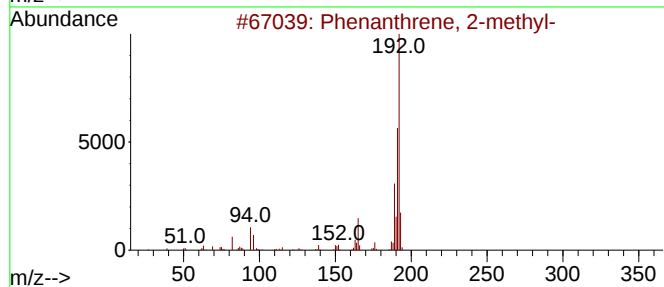
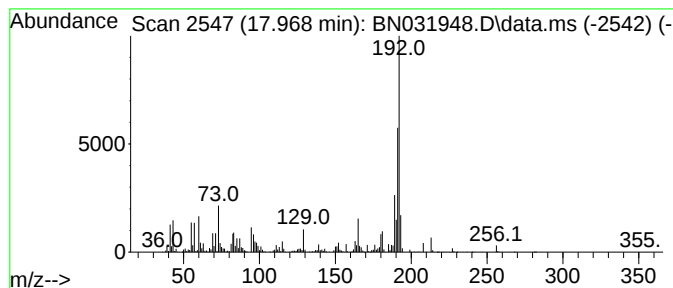
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1H-Cyclopropa[1]phenanthren... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.968	13.46 ng/ul	4153910	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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Sample : P2678-13
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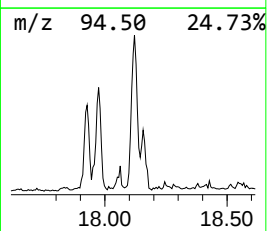
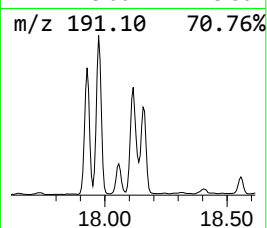
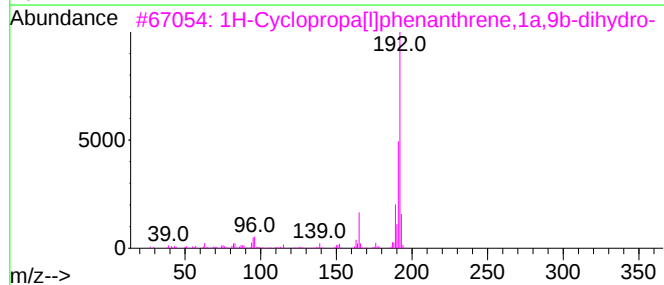
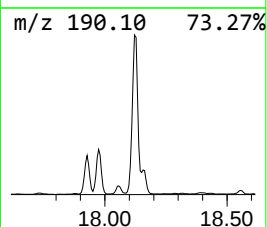
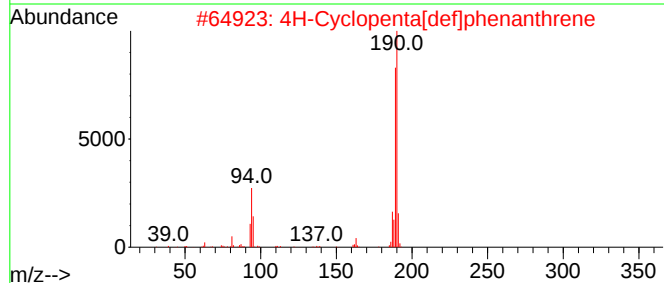
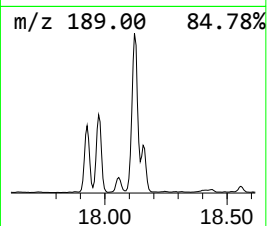
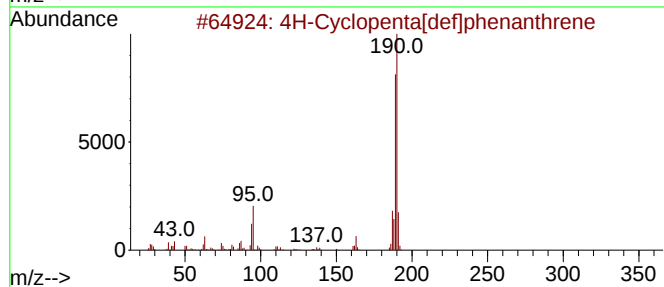
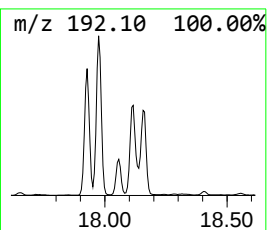
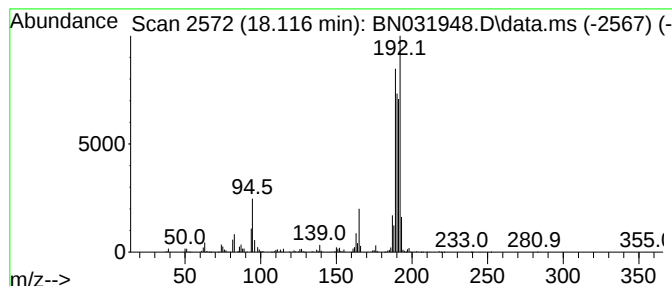
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.116	8.01 ng/ul	2473600	Phenanthrene-d10	17.051	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	46
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
Acq On : 12 Jun 2024 19:20
Operator : MA/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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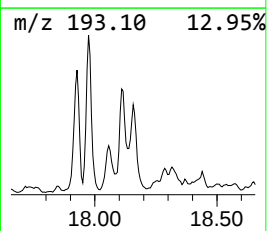
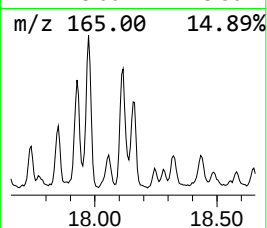
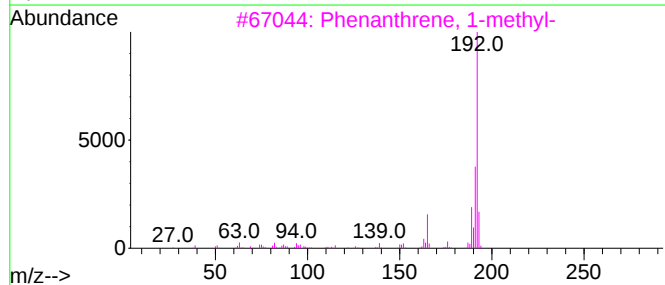
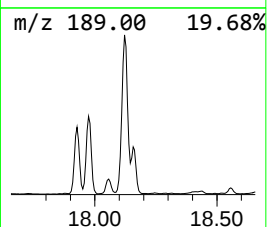
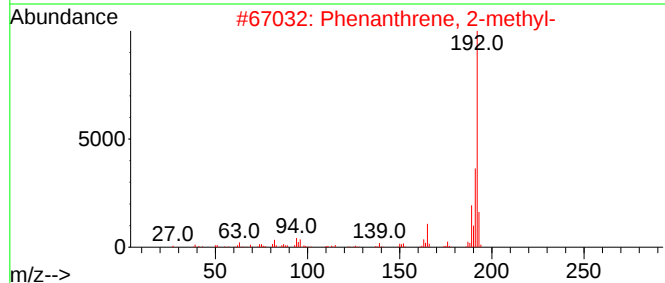
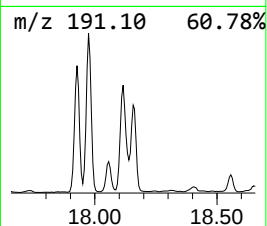
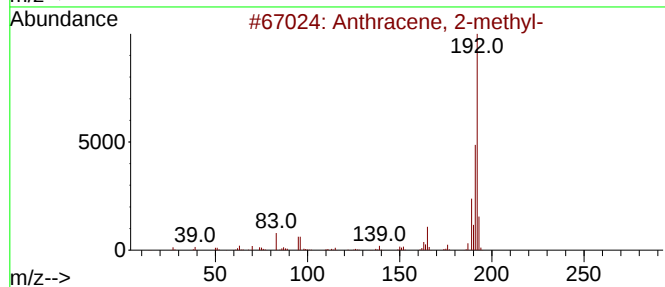
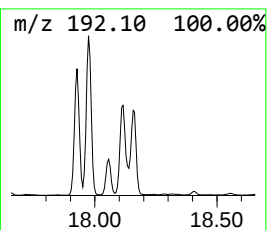
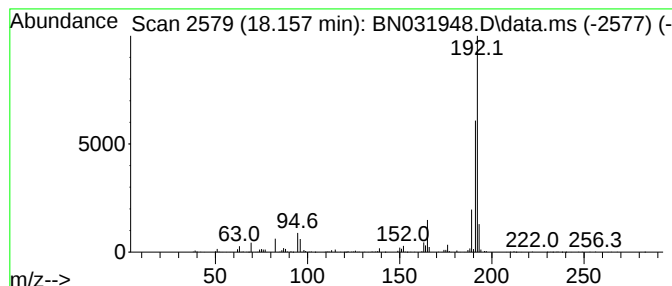
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	3.06 ng/ul	943780	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
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Instrument :
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ClientSampleId :
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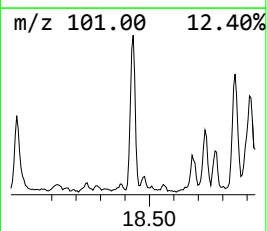
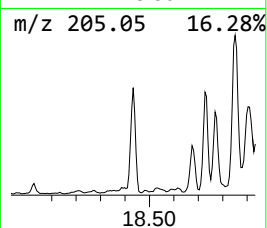
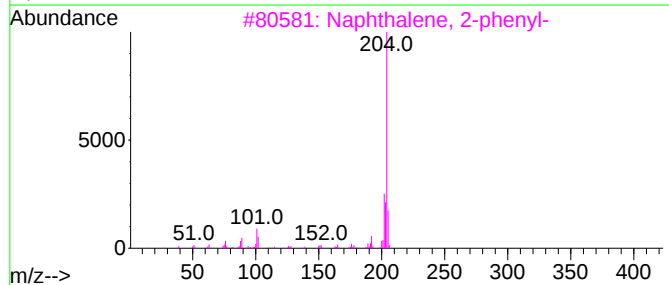
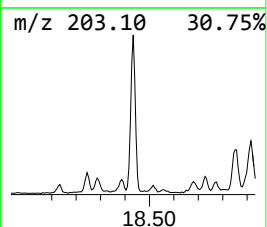
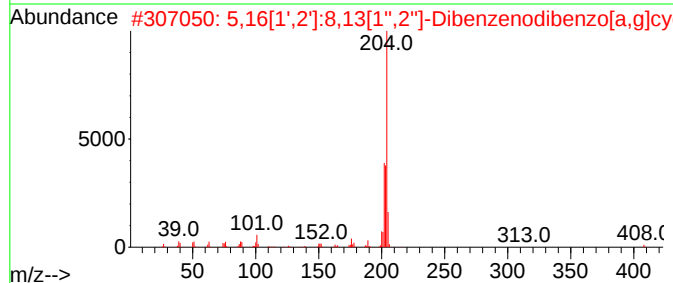
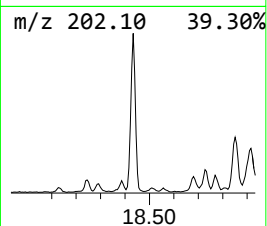
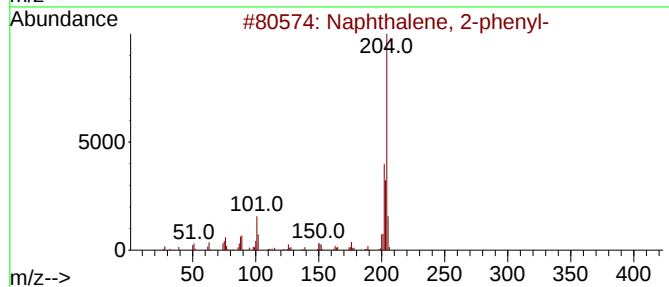
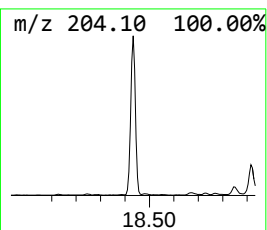
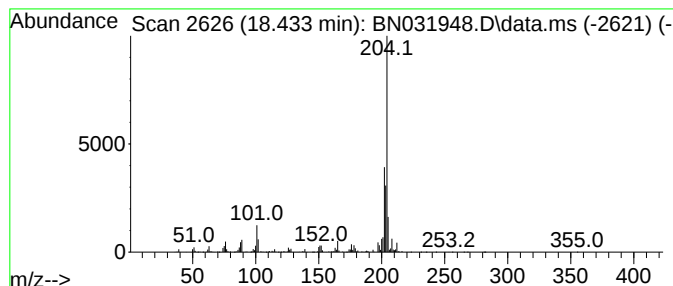
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	3.06 ng/ul	945923	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
Acq On : 12 Jun 2024 19:20
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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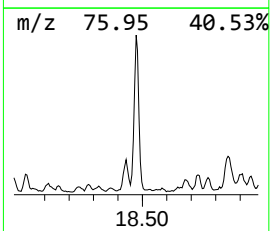
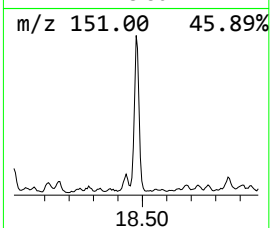
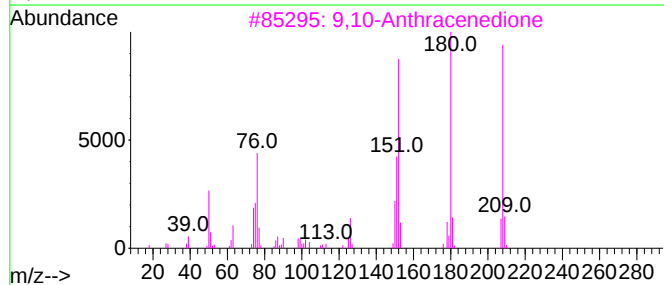
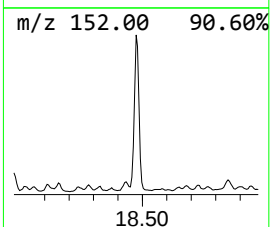
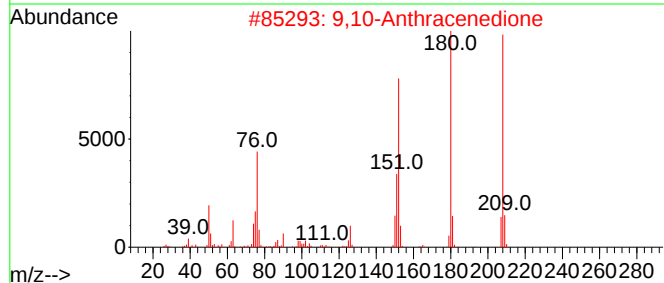
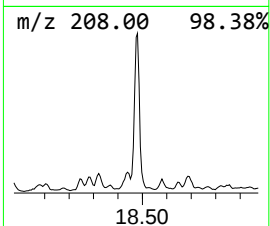
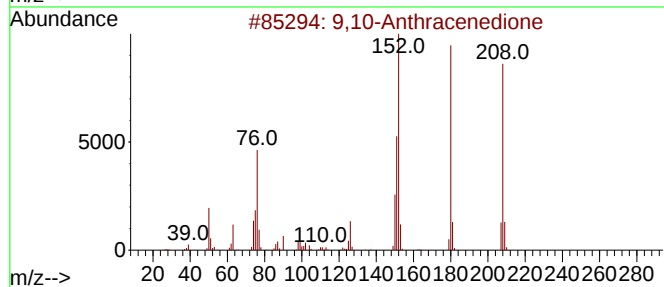
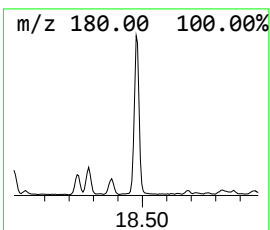
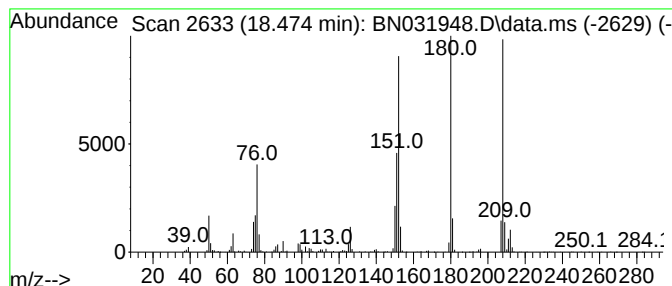
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.474	3.84 ng/ul	1184470	Phenanthrene-d10	17.051

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	95
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
5	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	83



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ALS Vial : 6 Sample Multiplier: 1

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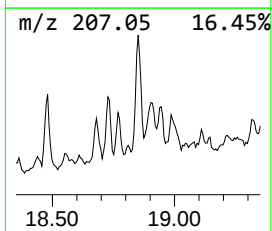
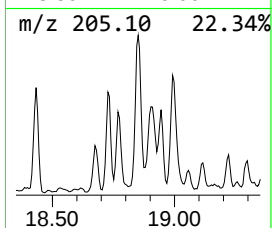
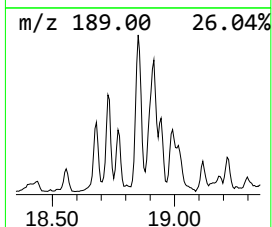
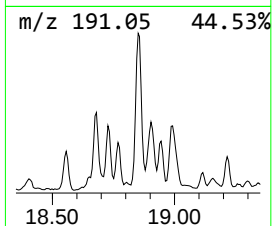
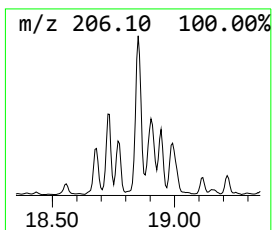
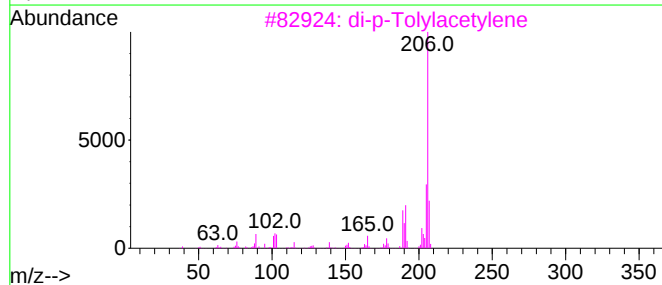
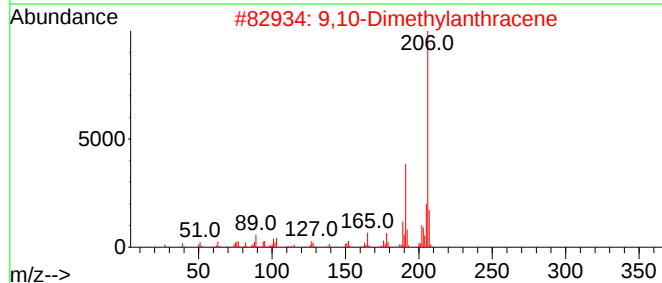
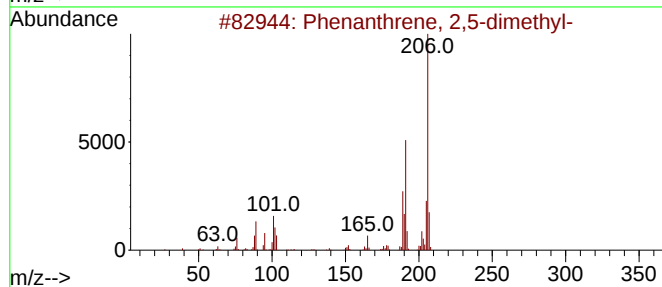
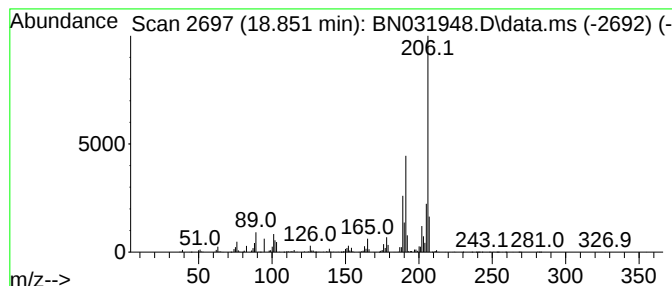
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.851	4.92 ng/ul	1520110	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
Acq On : 12 Jun 2024 19:20
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Sample : P2678-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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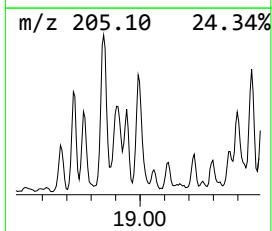
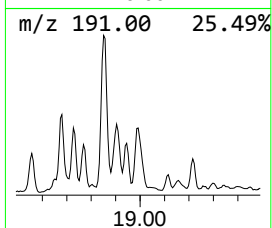
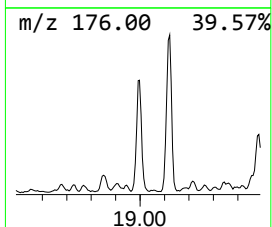
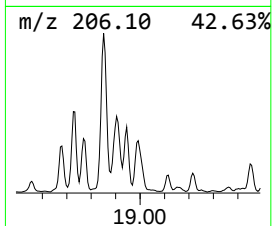
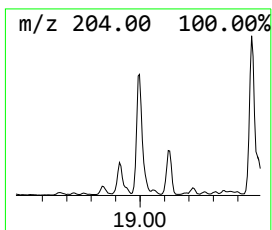
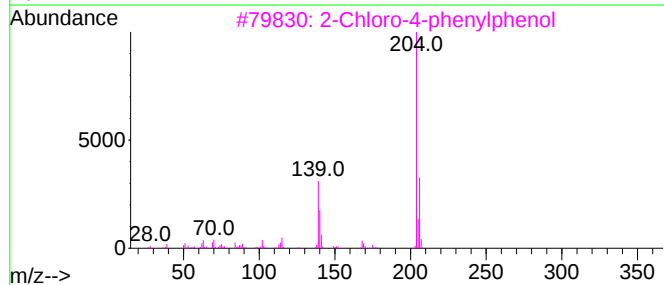
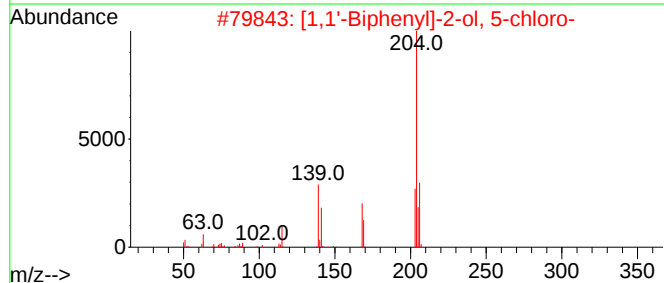
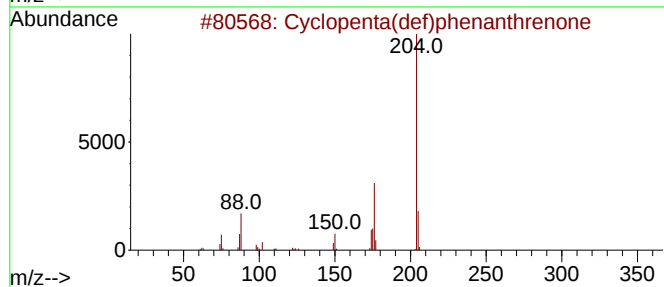
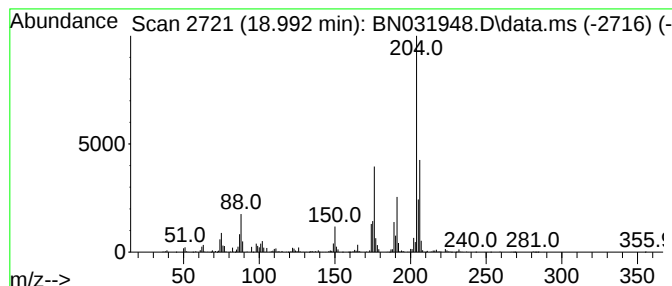
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	4.41 ng/ul	1362810	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	97
2			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
3			2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
4			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	40
5			1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
Acq On : 12 Jun 2024 19:20
Operator : MA/JU
Sample : P2678-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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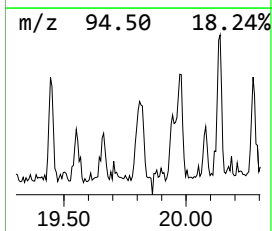
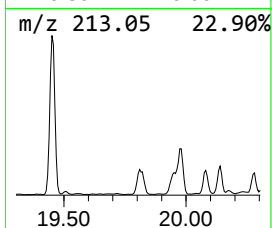
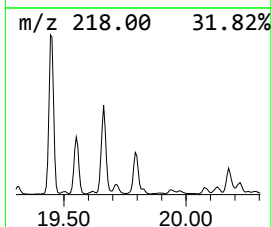
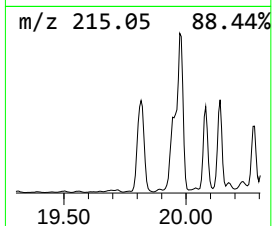
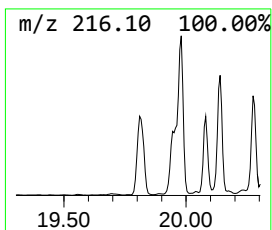
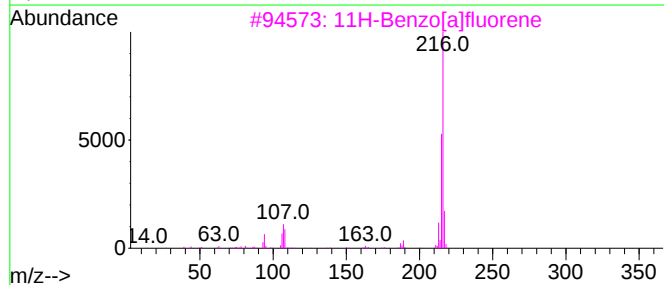
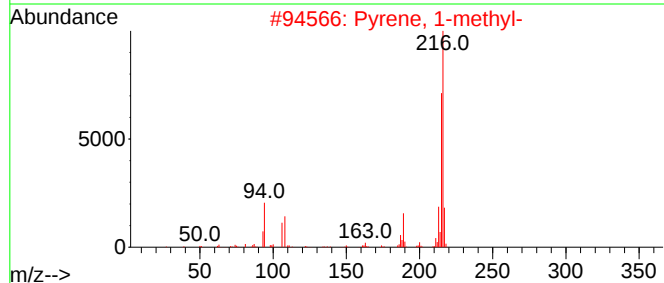
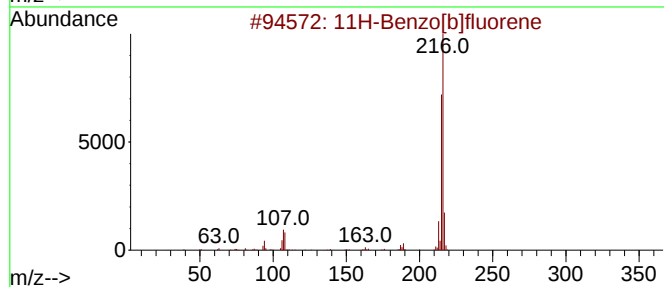
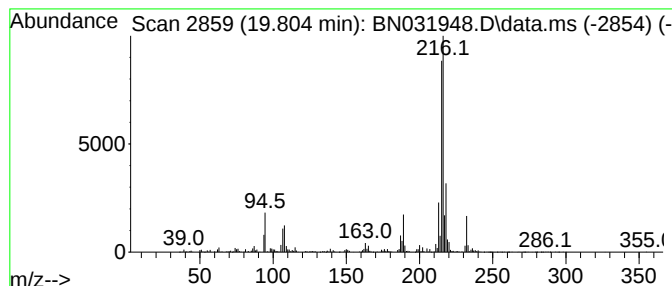
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.804	3.03 ng/ul	1849750	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
Acq On : 12 Jun 2024 19:20
Operator : MA/JU
Sample : P2678-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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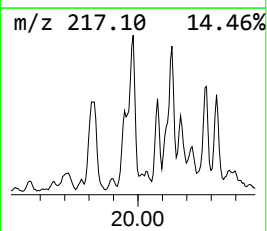
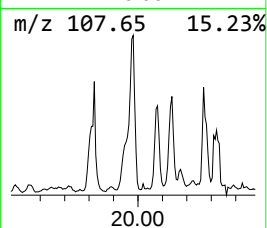
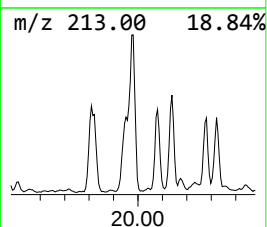
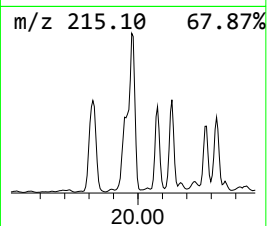
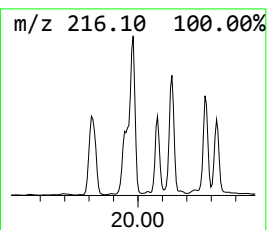
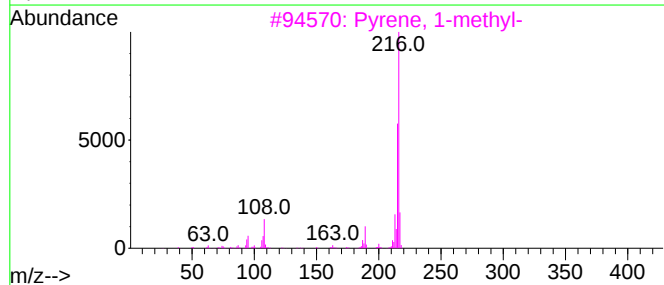
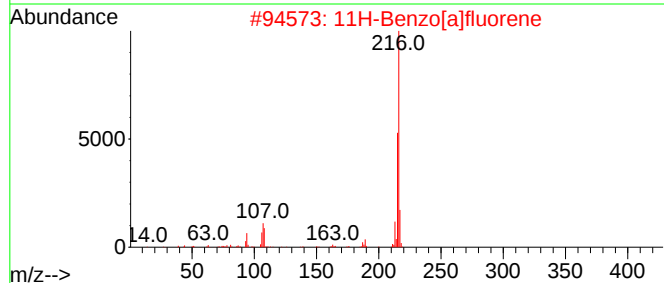
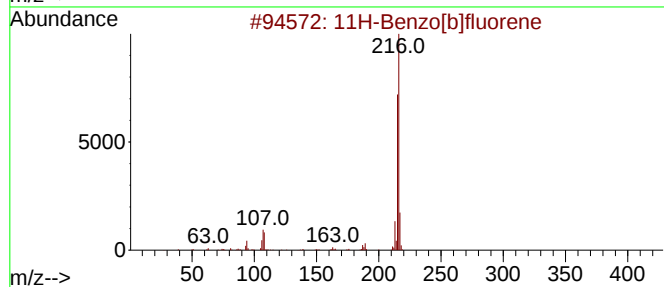
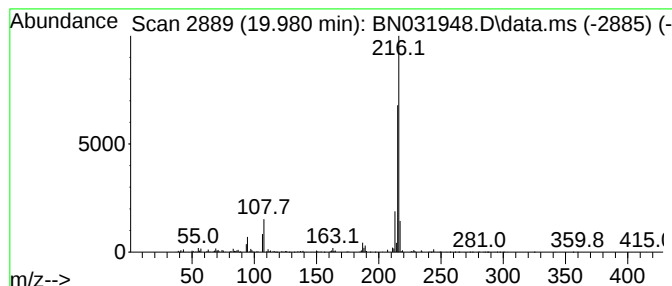
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.980	3.16 ng/ul	1931590	Chrysene-d12	21.292

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
Acq On : 12 Jun 2024 19:20
Operator : MA/JU
Sample : P2678-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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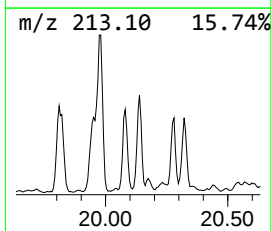
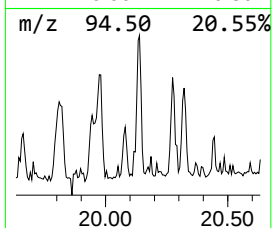
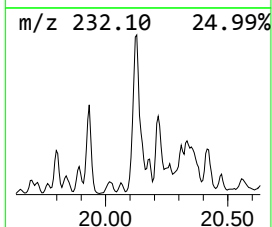
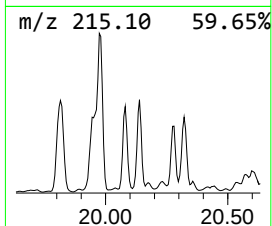
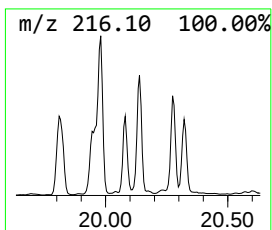
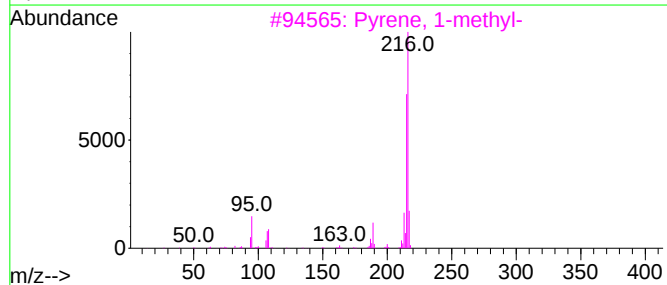
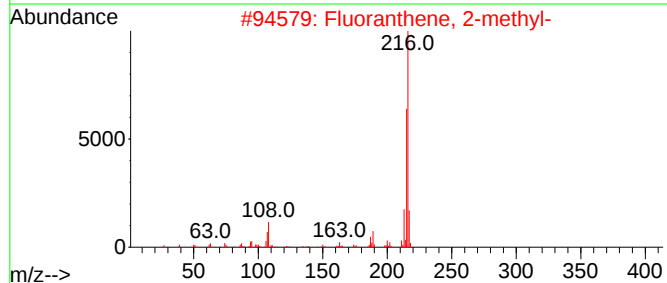
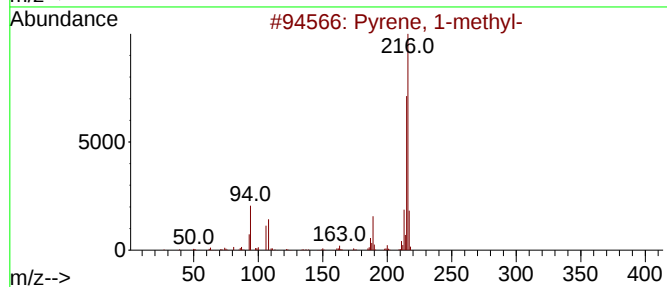
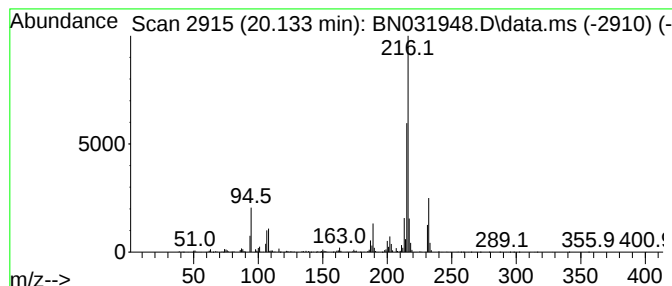
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.133	2.79 ng/ul	1706790	Chrysene-d12	21.292

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
5		Pyrene, 4-methyl-	216	C17H12	003353-12-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
Acq On : 12 Jun 2024 19:20
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Sample : P2678-13
Misc :
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Instrument :
BNA_N
ClientSampleId :
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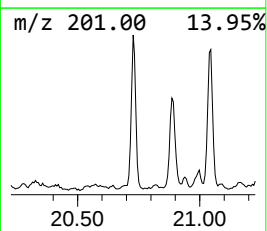
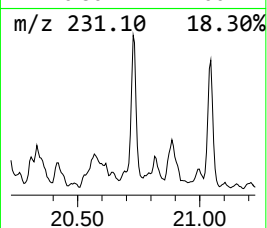
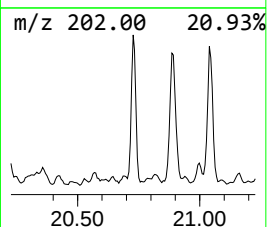
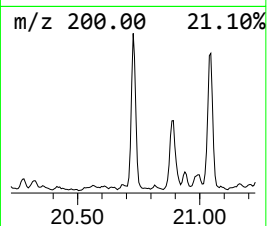
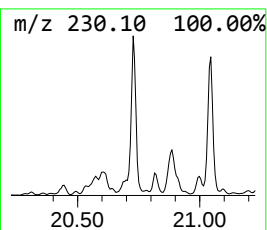
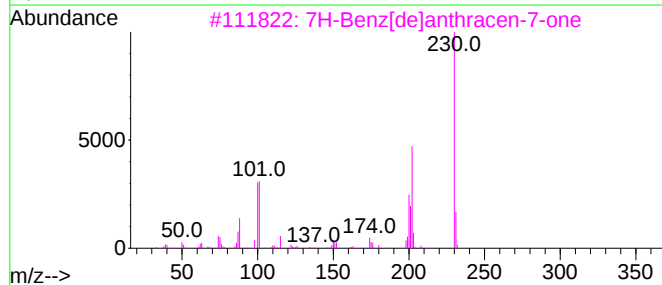
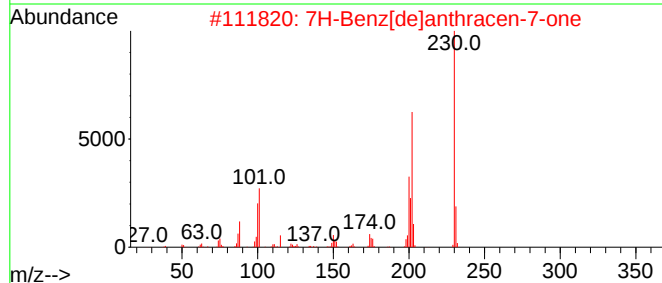
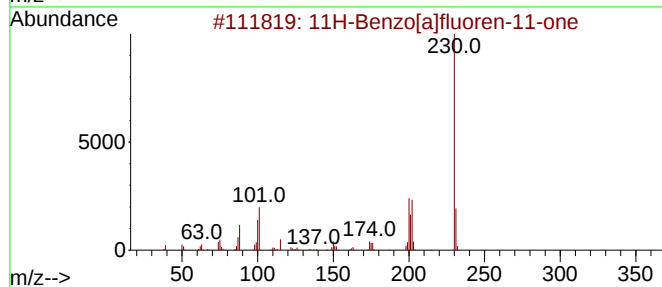
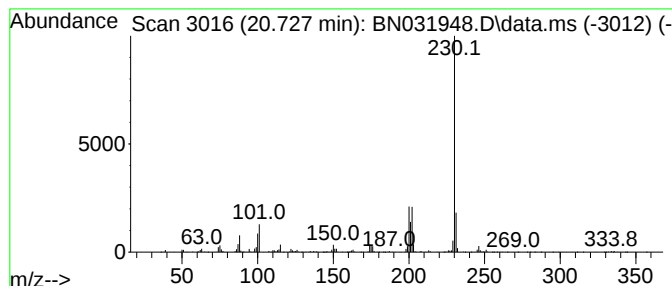
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.727	2.74 ng/ul	1672650	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	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			4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
Acq On : 12 Jun 2024 19:20
Operator : MA/JU
Sample : P2678-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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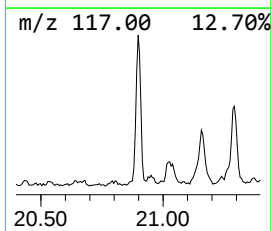
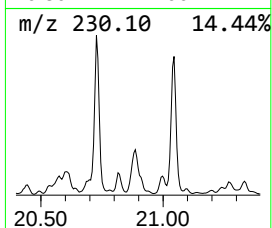
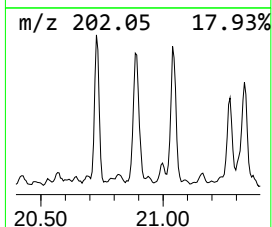
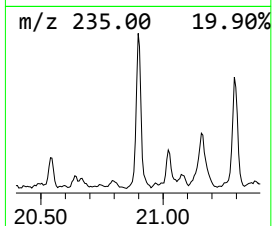
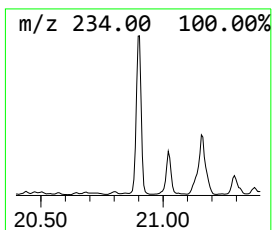
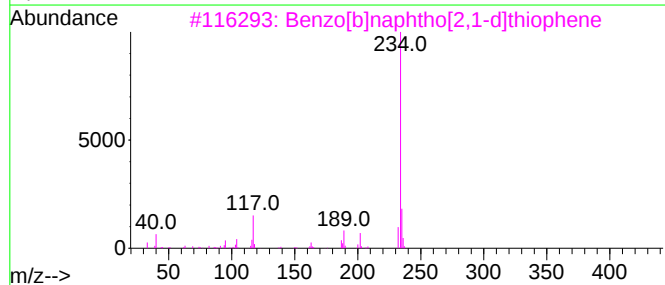
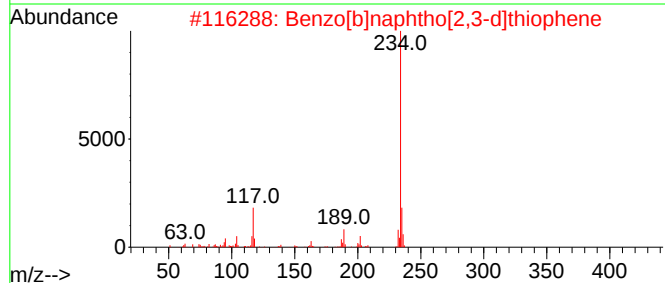
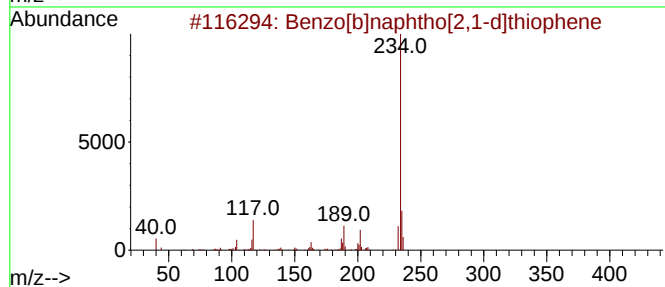
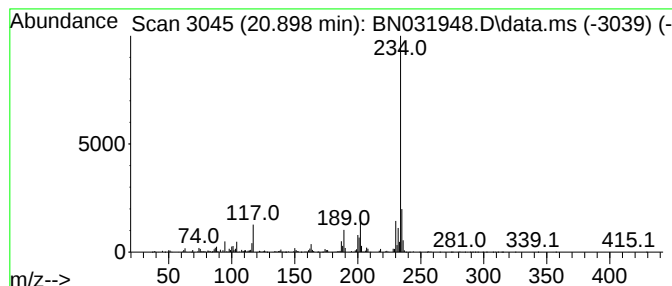
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.898	2.71 ng/ul	1656780	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
5			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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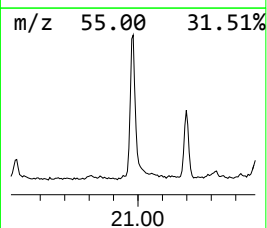
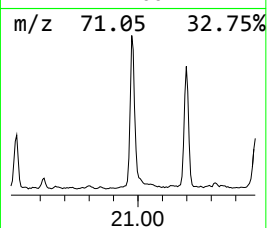
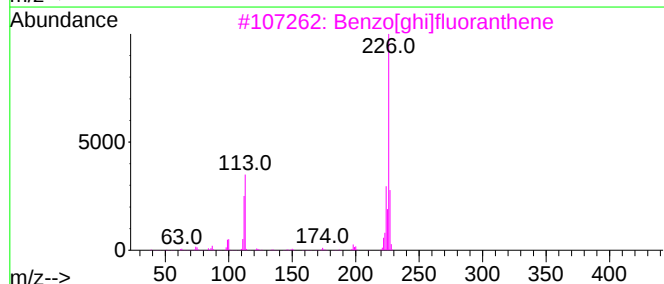
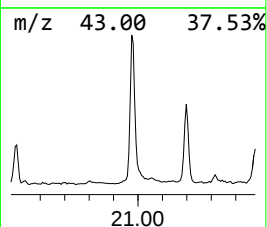
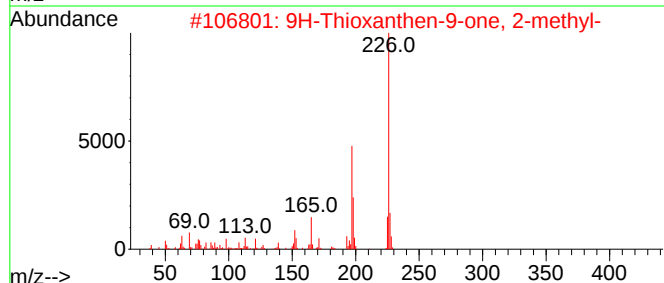
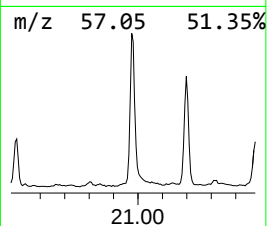
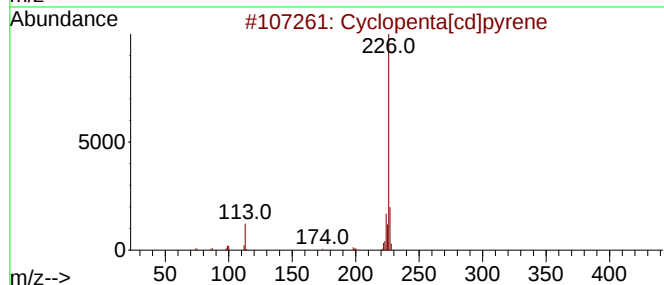
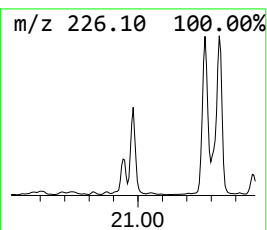
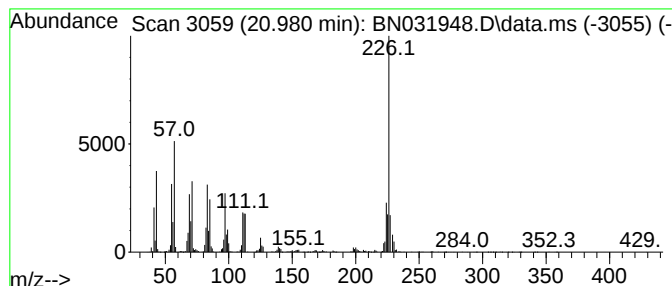
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	5.05 ng/ul	3083900	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
2			9H-Thioxanthen-9-one, 2-methyl-	226	C14H10O5	015774-82-0	46
3			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	46
4			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	46
5			Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
Acq On : 12 Jun 2024 19:20
Operator : MA/JU
Sample : P2678-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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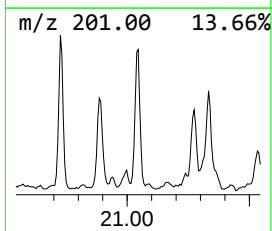
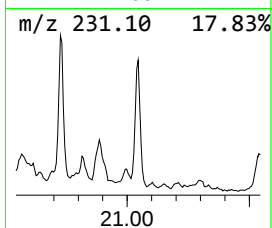
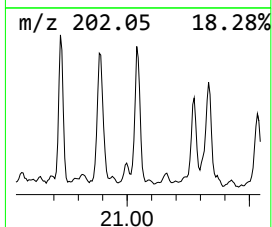
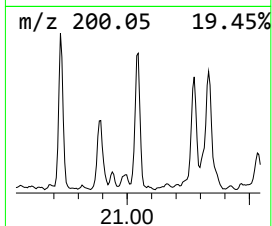
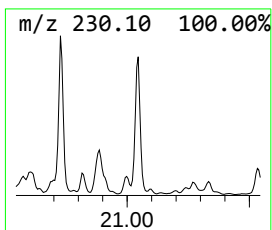
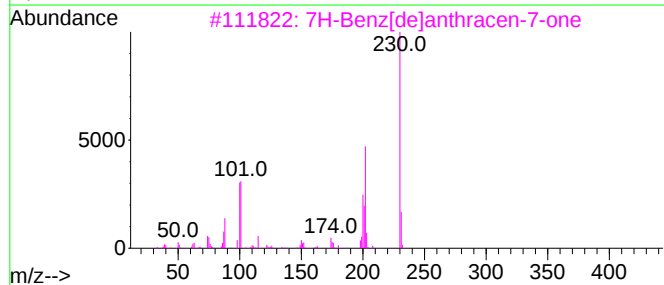
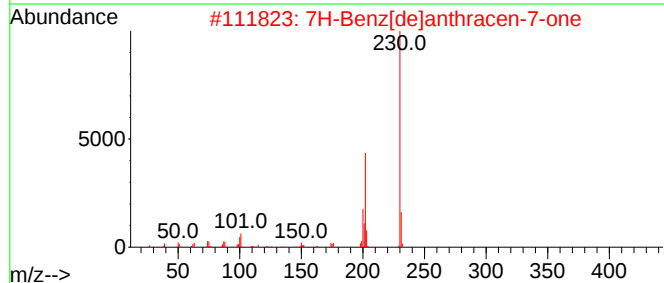
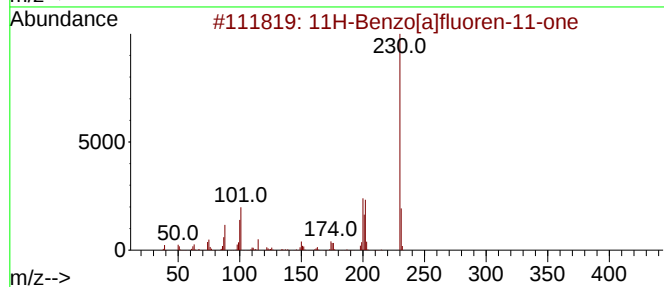
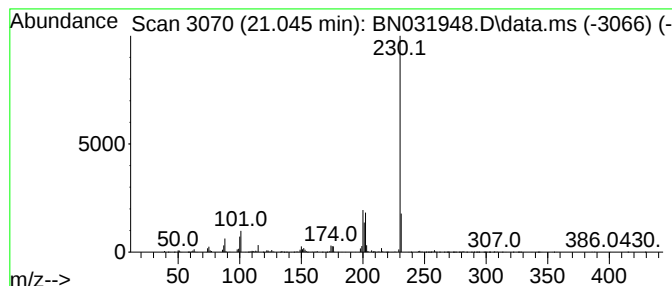
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	3.17 ng/ul	1935290	Chrysene-d12	21.292

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	93
3	7H-Benz[de]anthracen-7-one			230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one			230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one			230	C17H10O	000082-05-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
Acq On : 12 Jun 2024 19:20
Operator : MA/JU
Sample : P2678-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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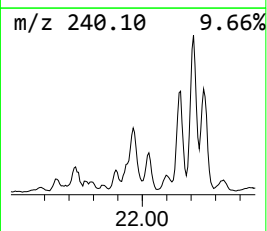
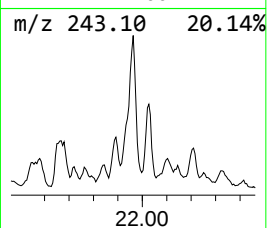
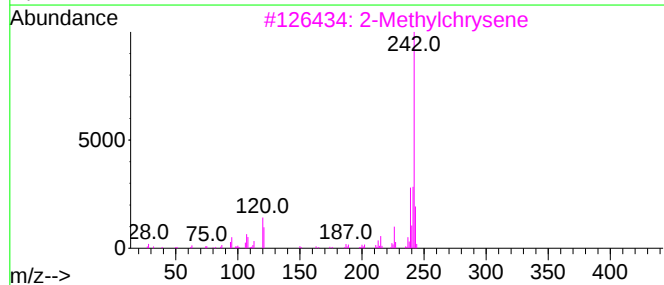
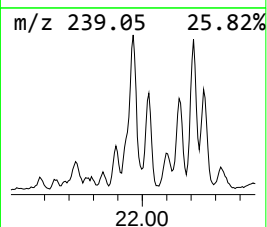
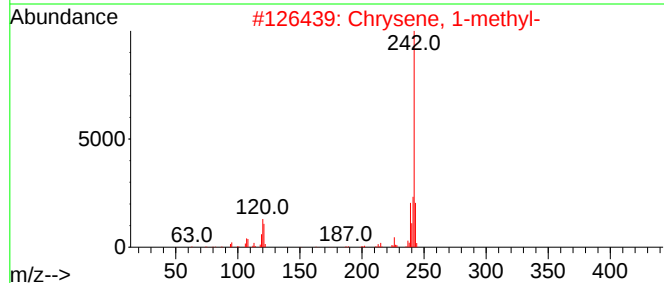
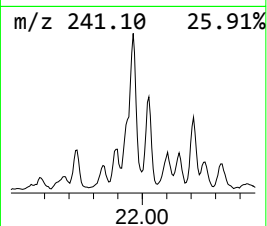
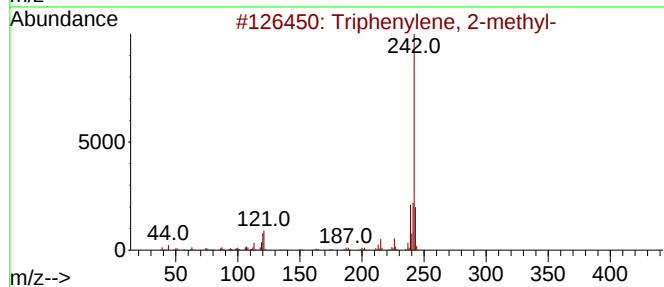
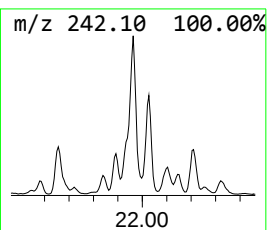
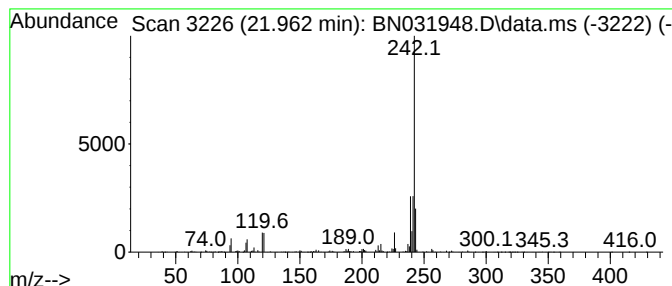
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Triphenylene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.962	2.14 ng/ul	1307260	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
2			Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
3			2-Methylchrysene	242	C19H14	003351-32-4	90
4			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
5			Chrysene, 3-methyl-	242	C19H14	003351-31-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
Acq On : 12 Jun 2024 19:20
Operator : MA/JU
Sample : P2678-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

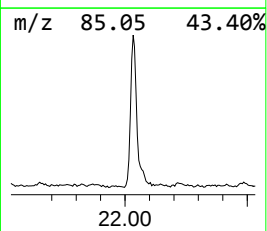
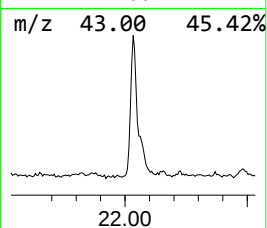
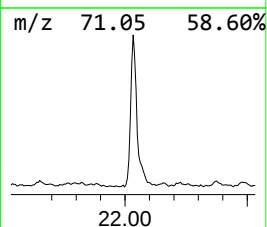
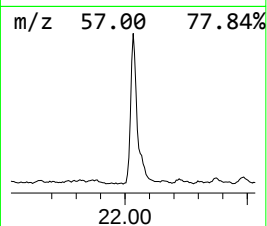
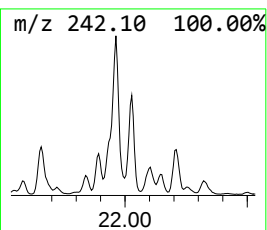
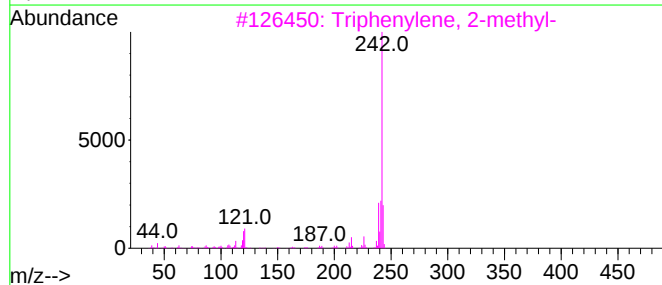
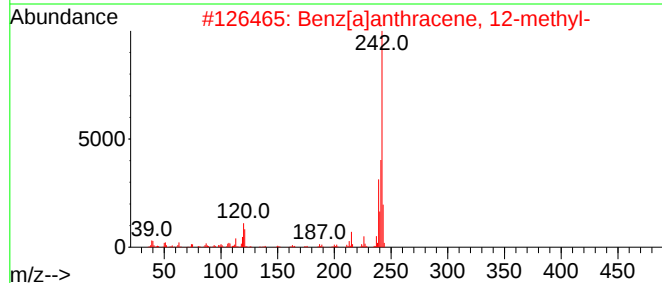
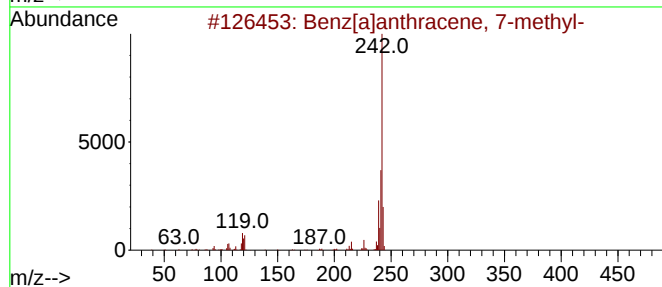
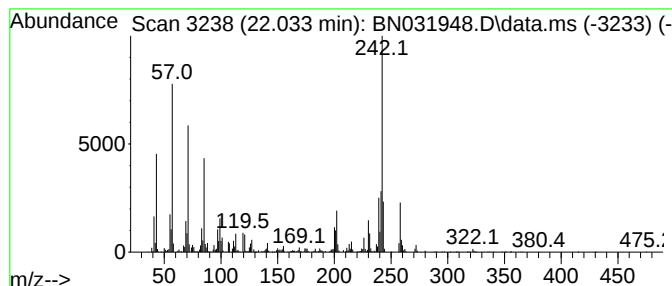
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 Benz[a]anthracene, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.033	3.00 ng/ul	1829460	Chrysene-d12	21.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	83
2	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	80
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	80
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	66
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
Acq On : 12 Jun 2024 19:20
Operator : MA/JU
Sample : P2678-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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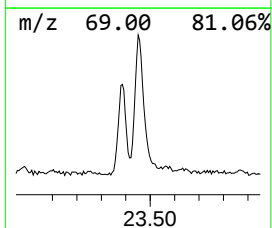
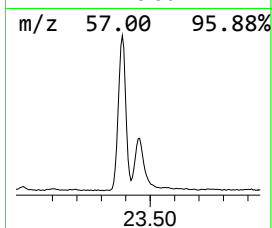
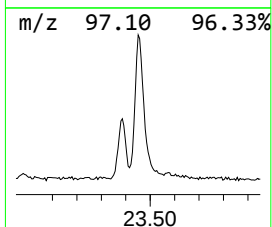
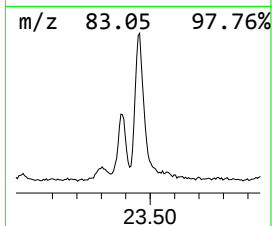
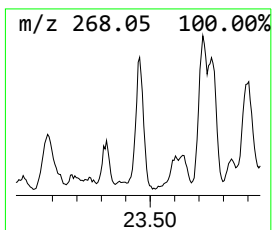
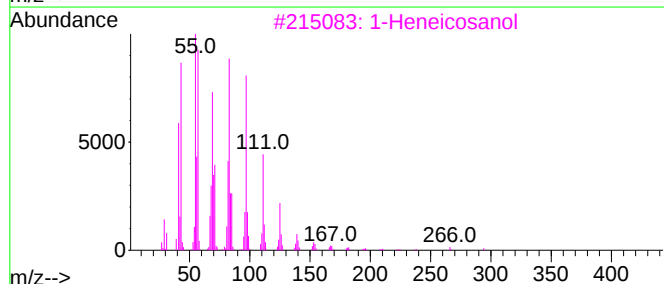
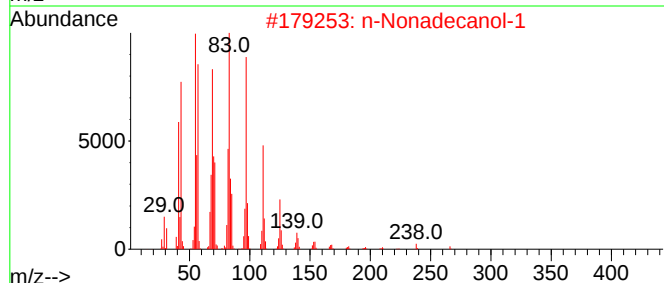
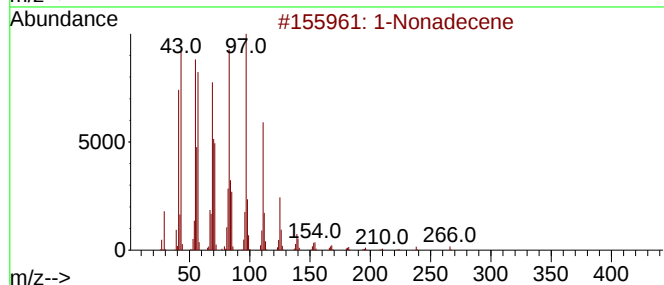
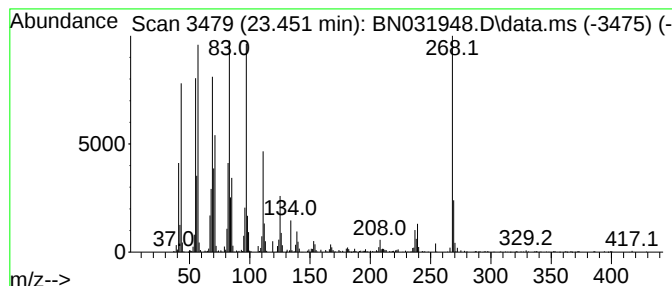
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.451	5.06 ng/ul	1202330	Perylene-d12	24.221

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene		266	C19H38	018435-45-5	98
2	n-Nonadecanol-1		284	C19H40O	001454-84-8	93
3	1-Heneicosanol		312	C21H44O	015594-90-8	93
4	1-Heptacosanol		396	C27H56O	002004-39-9	93
5	1-Hexacosene		364	C26H52	018835-33-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
Acq On : 12 Jun 2024 19:20
Operator : MA/JU
Sample : P2678-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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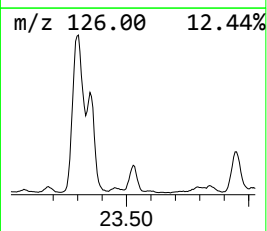
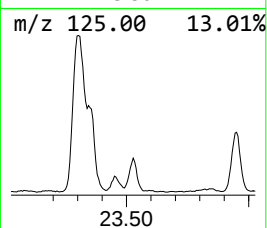
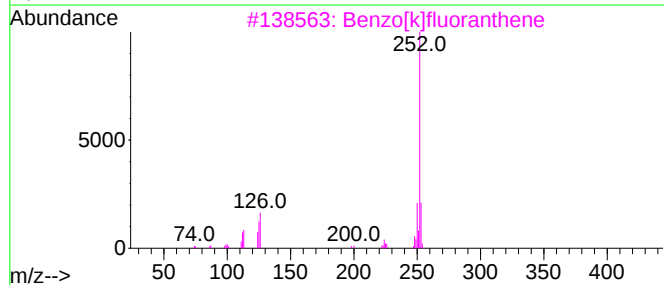
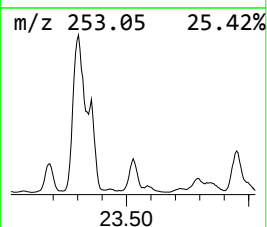
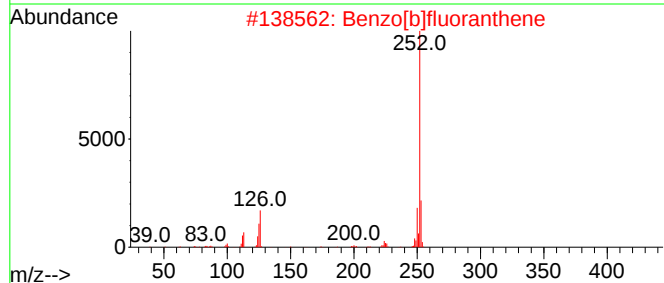
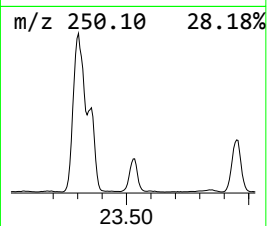
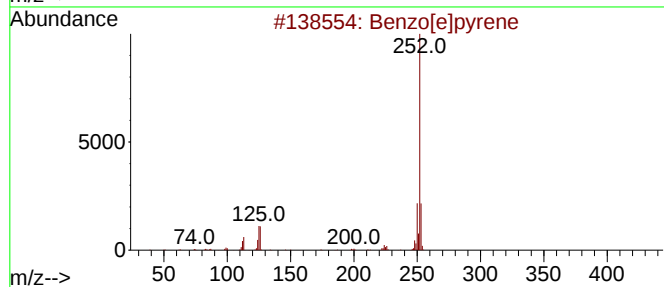
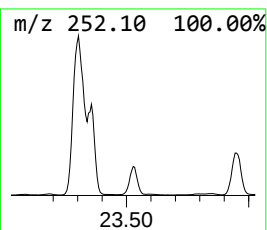
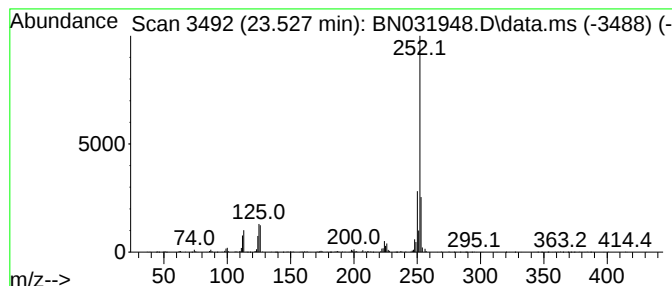
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.527	4.25 ng/ul	1010440	Perylene-d12	24.221

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
Acq On : 12 Jun 2024 19:20
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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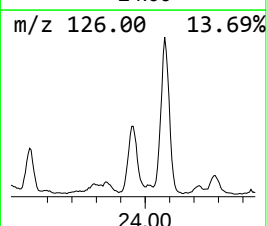
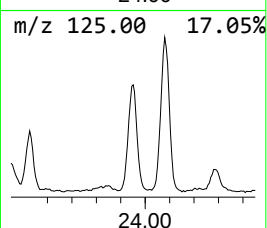
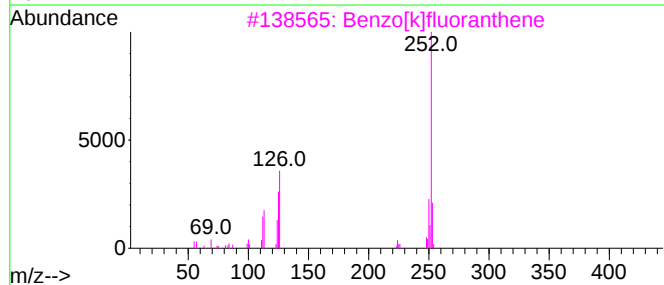
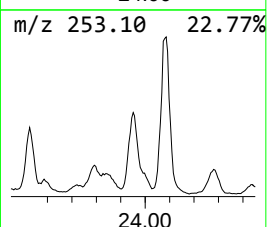
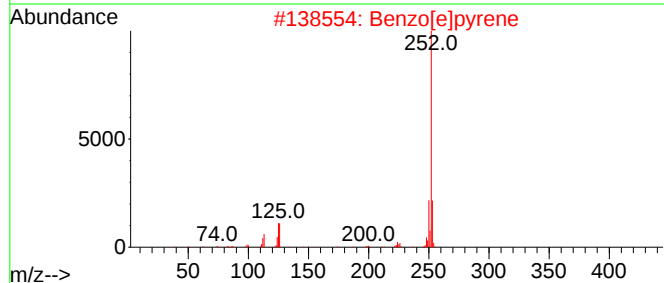
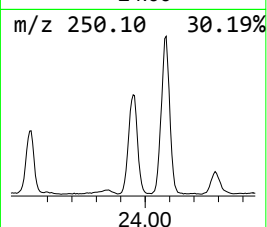
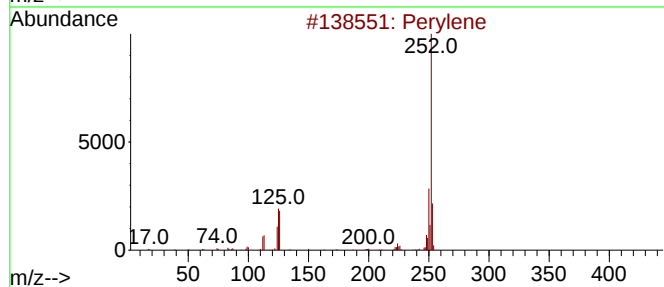
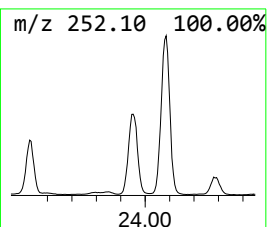
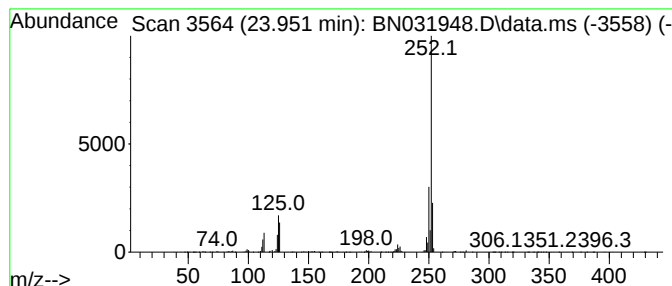
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.951	6.60 ng/ul	1566320	Perylene-d12	24.221

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	99
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031948.D
Acq On : 12 Jun 2024 19:20
Operator : MA/JU
Sample : P2678-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH682

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
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1-Phenoxypropan...	11.181	3.4	ng/ul	712178	2	10.440	4204560	20.0
Phenanthrene, 2...	17.927	4.8	ng/ul	1481510	4	17.051	6173880	20.0
1H-Cyclopropa[1...	17.968	13.5	ng/ul	4153910	4	17.051	6173880	20.0
4H-Cyclopenta[d...	18.116	8.0	ng/ul	2473600	4	17.051	6173880	20.0
Anthracene, 2-m...	18.157	3.1	ng/ul	943780	4	17.051	6173880	20.0
Naphthalene, 2-...	18.433	3.1	ng/ul	945923	4	17.051	6173880	20.0
9,10-Anthracene...	18.474	3.8	ng/ul	1184470	4	17.051	6173880	20.0
Phenanthrene, 2...	18.851	4.9	ng/ul	1520110	4	17.051	6173880	20.0
Cyclopenta(def)...	18.992	4.4	ng/ul	1362810	4	17.051	6173880	20.0
11H-Benzo[b]flu...	19.804	3.0	ng/ul	1849750	5	21.292	12214500	20.0
11H-Benzo[a]flu...	19.980	3.2	ng/ul	1931590	5	21.292	12214500	20.0
Pyrene, 1-methyl-	20.133	2.8	ng/ul	1706790	5	21.292	12214500	20.0
11H-Benzo[a]flu...	20.727	2.7	ng/ul	1672650	5	21.292	12214500	20.0
Benzo[b]naphtho...	20.898	2.7	ng/ul	1656780	5	21.292	12214500	20.0
unknown-02	20.980	5.0	ng/ul	3083900	5	21.292	12214500	20.0
7H-Benz[de]anth...	21.045	3.2	ng/ul	1935290	5	21.292	12214500	20.0
Triphenylene, 2...	21.962	2.1	ng/ul	1307260	5	21.292	12214500	20.0
Benz[a]anthrace...	22.033	3.0	ng/ul	1829460	5	21.292	12214500	20.0
(DEL) Alkane: S...	23.451	5.1	ng/ul	1202330	6	24.221	4749680	20.0
Benzo[e]pyrene	23.527	4.3	ng/ul	1010440	6	24.221	4749680	20.0
Perylene	23.951	6.6	ng/ul	1566320	6	24.221	4749680	20.0