

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031706.D
 Acq On : 30 May 2024 03:49
 Operator : MA/JU
 Sample : P2569-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6A7

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: BN031706.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.599	101	104	118	rBV	522823	853238	3.03%	0.257%
2	6.852	648	657	673	rVB	918011	1547801	5.50%	0.467%
3	7.022	680	686	698	rVB	754023	1215415	4.32%	0.367%
4	7.216	712	719	728	rVV	912944	1428817	5.08%	0.431%
5	7.687	791	799	806	rBV	1669175	2771426	9.85%	0.836%
6	8.381	909	917	925	rBV	1064166	1727166	6.14%	0.521%
7	8.840	987	995	1003	rBV	860167	1429097	5.08%	0.431%
8	9.552	1105	1116	1125	rBV	624572	1074668	3.82%	0.324%
9	10.087	1199	1207	1217	rVB	1190622	1936172	6.88%	0.584%
10	10.469	1262	1272	1278	rBV	2523628	4385570	15.59%	1.323%
11	10.604	1287	1295	1305	rBV	840653	1475059	5.24%	0.445%
12	13.498	1777	1787	1794	rBV2	204049	555213	1.97%	0.167%
13	13.645	1802	1812	1817	rBV	439469	770656	2.74%	0.232%
14	13.740	1823	1828	1833	rVB	2207846	3005174	10.68%	0.907%
15	14.016	1863	1875	1879	rBV	2555798	4349507	15.46%	1.312%
16	14.322	1916	1927	1933	rBV	4006363	6166074	21.92%	1.860%
17	14.387	1933	1938	1946	rVV2	445277	778625	2.77%	0.235%
18	14.516	1954	1960	1972	rBV2	774268	1497131	5.32%	0.452%
19	14.722	1990	1995	2003	rVV	756614	1178738	4.19%	0.356%
20	15.316	2090	2096	2101	rVV	3478521	5103009	18.14%	1.539%
21	15.369	2101	2105	2111	rVV	923072	1484244	5.28%	0.448%
22	15.440	2112	2117	2123	rVV	646455	1047028	3.72%	0.316%
23	15.669	2151	2156	2165	rVB	564249	872509	3.10%	0.263%
24	15.816	2173	2181	2189	rVB	566926	1194595	4.25%	0.360%
25	16.375	2266	2276	2281	rBV3	355564	772972	2.75%	0.233%
26	16.604	2307	2315	2319	rBV2	317450	573687	2.04%	0.173%
27	16.645	2319	2322	2325	rVV2	337767	457431	1.63%	0.138%
28	16.722	2330	2335	2343	rVB	935207	1395246	4.96%	0.421%
29	16.804	2343	2349	2351	rBV	355701	593833	2.11%	0.179%
30	16.839	2351	2355	2359	rVV	685191	985243	3.50%	0.297%
31	16.886	2359	2363	2370	rVV	1215651	1693832	6.02%	0.511%
32	17.069	2385	2394	2397	rBV	4465817	6764809	24.05%	2.041%
33	17.116	2397	2402	2407	rVV	15005634	22780796	80.99%	6.872%
34	17.169	2407	2411	2414	rVV	3657649	5468632	19.44%	1.650%
35	17.204	2414	2417	2422	rVV	3438829	4471757	15.90%	1.349%
36	17.475	2455	2463	2466	rBV	372786	592388	2.11%	0.179%

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Integrator: RTE

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	17.592	2478	2483	2488	rVV	531234	736474	2.62%	0.222%
38	17.645	2488	2492	2501	rVB2	596911	973184	3.46%	0.294%
39	17.792	2512	2517	2522	rVB	288946	506538	1.80%	0.153%
40	17.945	2533	2543	2546	rBV	2289902	3742464	13.30%	1.129%
41	17.992	2546	2551	2557	rVB	3238853	5165358	18.36%	1.558%
42	18.069	2558	2564	2569	rBV	899614	1321575	4.70%	0.399%
43	18.139	2569	2576	2580	rBV2	2700115	5220033	18.56%	1.575%
44	18.175	2580	2582	2590	rVB	1570445	1856110	6.60%	0.560%
45	18.451	2624	2629	2632	rVV	2220256	2987096	10.62%	0.901%
46	18.486	2632	2635	2641	rVB	1250933	1732907	6.16%	0.523%
47	18.692	2667	2670	2675	rVV2	474098	689194	2.45%	0.208%
48	18.745	2675	2679	2682	rVV	523949	680831	2.42%	0.205%
49	18.781	2682	2685	2690	rVB	454227	612758	2.18%	0.185%
50	18.863	2694	2699	2704	rVV	1146844	1905771	6.77%	0.575%
51	18.928	2704	2710	2713	rVV4	644318	1415160	5.03%	0.427%
52	18.957	2713	2715	2719	rVV	475969	550272	1.96%	0.166%
53	19.010	2719	2724	2731	rVV	1460303	2384317	8.48%	0.719%
54	19.133	2737	2745	2752	rVB	19199621	28129514	100.00%	8.485%
55	19.198	2752	2756	2759	rBV	371268	494699	1.76%	0.149%
56	19.280	2767	2770	2774	rVB	961896	1119105	3.98%	0.338%
57	19.328	2774	2778	2782	rBV3	341039	522058	1.86%	0.157%
58	19.375	2782	2786	2790	rBV	879005	1088001	3.87%	0.328%
59	19.469	2796	2802	2804	rBV3	6864408	11596003	41.22%	3.498%
60	19.498	2804	2807	2814	rVV	17273700	23763120	84.48%	7.168%
61	19.563	2814	2818	2825	rVB2	991583	1522169	5.41%	0.459%
62	19.675	2831	2837	2842	rBV	1177639	1688630	6.00%	0.509%
63	19.733	2842	2847	2853	rVB2	426559	748429	2.66%	0.226%
64	19.816	2855	2861	2868	rBV2	1481821	3590442	12.76%	1.083%
65	19.951	2879	2884	2887	rBV4	1046393	1943770	6.91%	0.586%
66	19.986	2887	2890	2895	rVB	1944699	2681968	9.53%	0.809%
67	20.086	2904	2907	2911	rBV2	612720	785046	2.79%	0.237%
68	20.145	2911	2917	2922	rVV2	1924285	3172952	11.28%	0.957%
69	20.227	2928	2931	2937	rBV4	334702	548062	1.95%	0.165%
70	20.286	2937	2941	2945	rBV	1009549	1248028	4.44%	0.376%
71	20.333	2945	2949	2953	rBV	1043559	1443402	5.13%	0.435%
72	20.739	3013	3018	3025	rVB	2285259	3245469	11.54%	0.979%
73	20.904	3039	3046	3051	rBV2	1681985	3438965	12.23%	1.037%
74	20.951	3051	3054	3057	rVV	1825731	2304679	8.19%	0.695%
75	20.992	3057	3061	3066	rVV3	2280579	4043379	14.37%	1.220%
76	21.051	3066	3071	3083	rVB2	2125201	3595017	12.78%	1.084%

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77	21.169	3083	3091	3095	rBV	554771	1373402	4.88%	0.414%
78	21.216	3095	3099	3103	rVV	1149533	1540609	5.48%	0.465%
79	21.286	3105	3111	3117	rVV2	10113796	22586819	80.30%	6.813%
80	21.345	3117	3121	3133	rVB	7810733	12514972	44.49%	3.775%
81	21.486	3141	3145	3151	rBV3	593210	1294664	4.60%	0.391%
82	21.545	3151	3155	3161	rVV4	379914	786916	2.80%	0.237%
83	21.674	3171	3177	3183	rBV3	688298	1444624	5.14%	0.436%
84	21.733	3183	3187	3192	rVB4	309358	497533	1.77%	0.150%
85	21.904	3212	3216	3220	rBV2	323659	526951	1.87%	0.159%
86	21.974	3220	3228	3233	rVV	1295177	2535970	9.02%	0.765%
87	22.057	3235	3242	3248	rVB2	1033948	2588191	9.20%	0.781%
88	22.222	3266	3270	3274	rBV2	580304	860822	3.06%	0.260%
89	22.674	3343	3347	3355	rVB4	544589	1257561	4.47%	0.379%
90	23.316	3447	3456	3462	rBV	4084281	12738631	45.29%	3.843%
91	23.421	3470	3474	3480	rVB	1578602	2797235	9.94%	0.844%
92	23.539	3489	3494	3502	rVB	753771	1561651	5.55%	0.471%
93	23.968	3559	3567	3573	rBV	2020791	4977625	17.70%	1.501%
94	24.033	3573	3578	3583	rVV2	1535773	3480076	12.37%	1.050%
95	24.098	3583	3589	3602	rVB	3436512	8553601	30.41%	2.580%
96	24.233	3604	3612	3619	rBV	2203265	5858961	20.83%	1.767%
97	24.745	3695	3699	3709	rVB5	587163	1476833	5.25%	0.445%
98	25.292	3785	3792	3803	rVB2	675114	1909552	6.79%	0.576%
99	27.533	4163	4173	4195	rVB2	1150334	5454455	19.39%	1.645%
100	28.562	4338	4348	4360	rVB2	833514	3304063	11.75%	0.997%

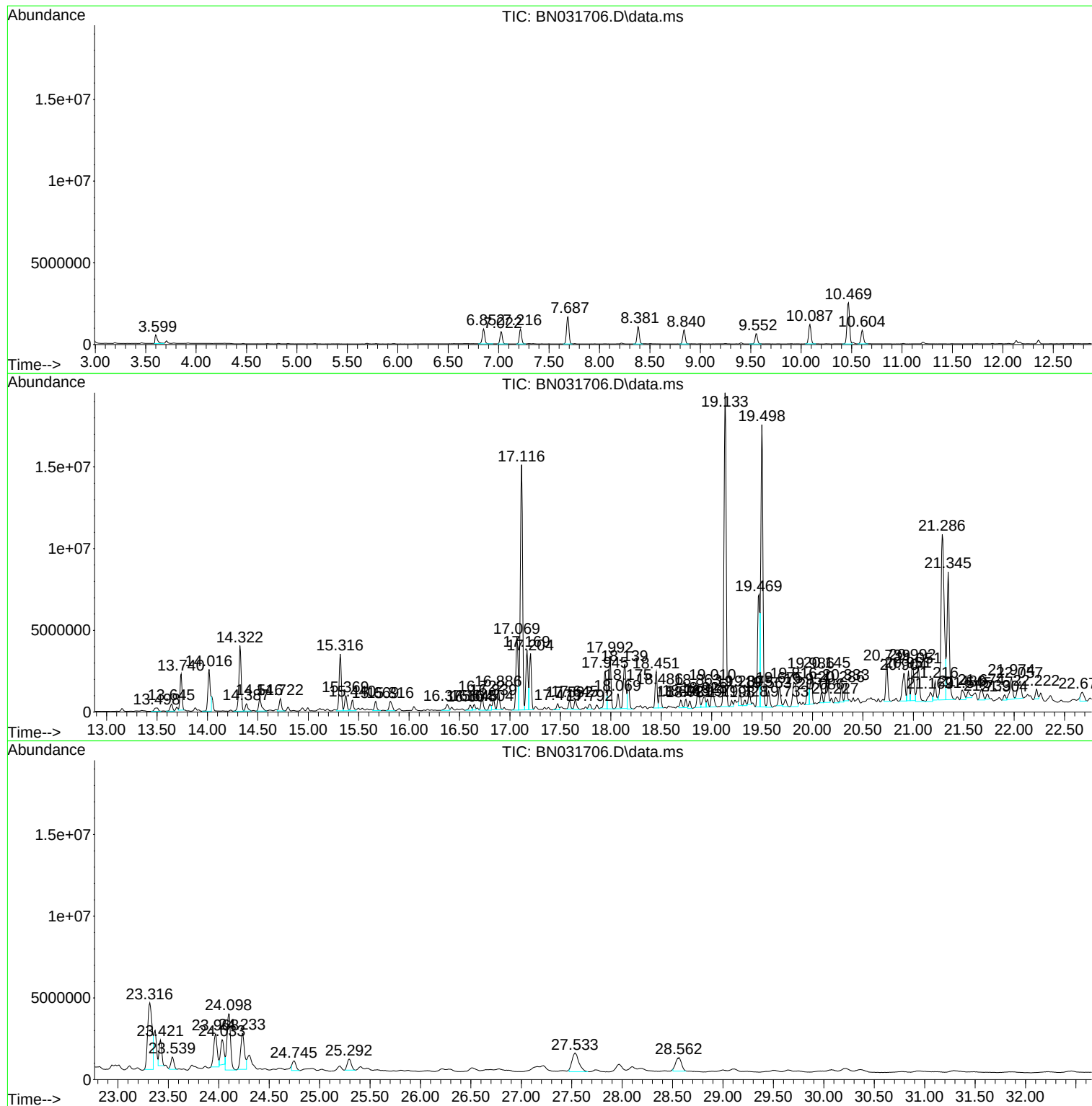
Sum of corrected areas: 331512224

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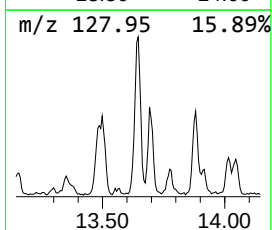
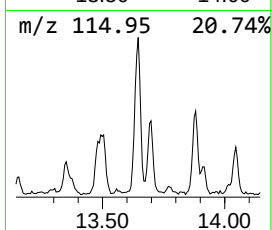
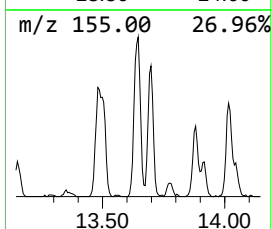
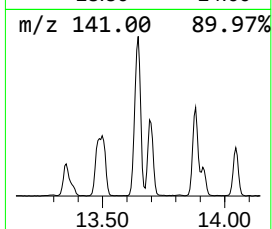
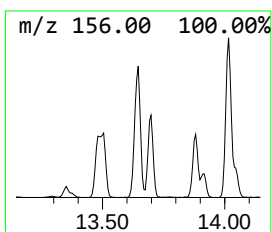
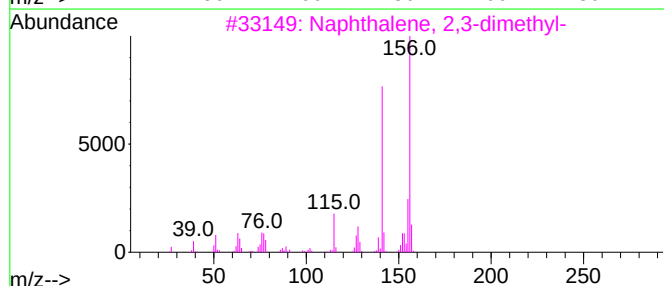
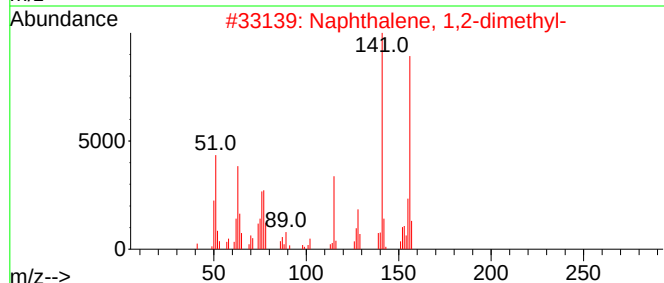
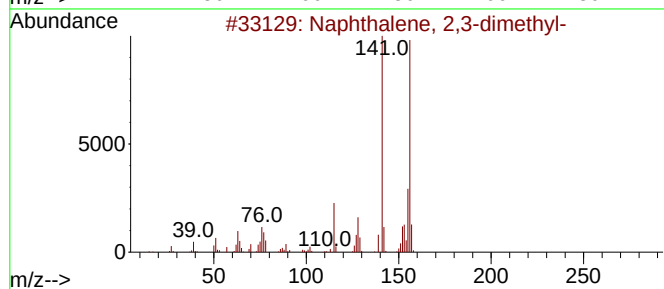
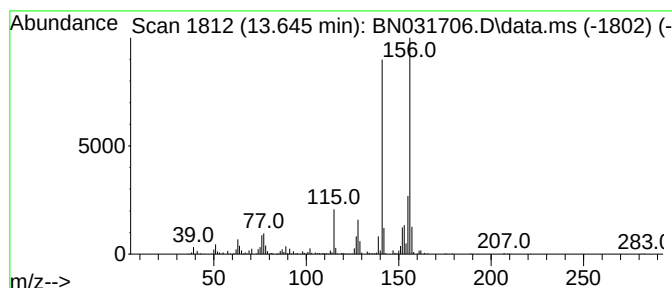
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.646	2.50 ng/ul	770656	Acenaphthene-d10	14.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



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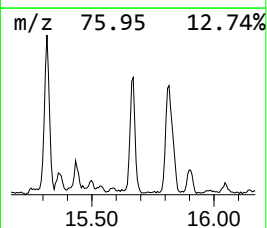
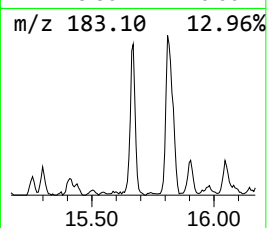
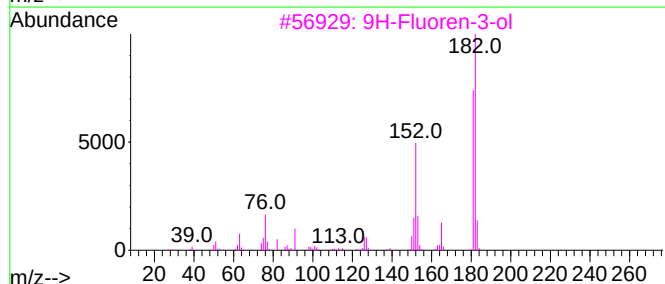
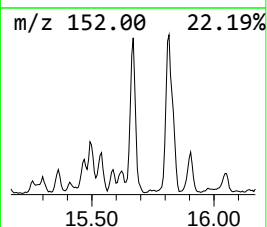
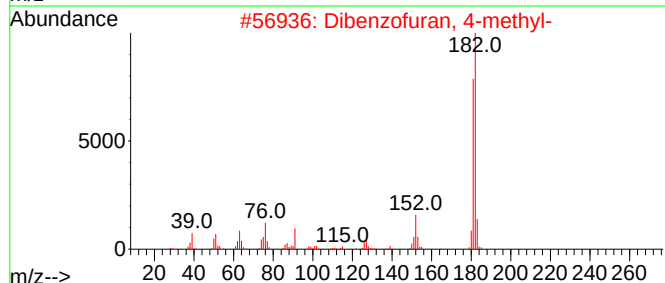
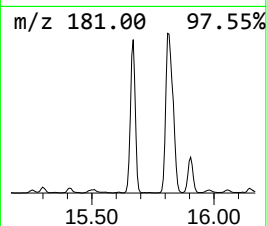
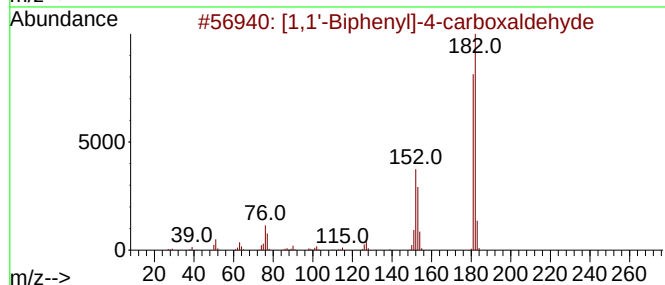
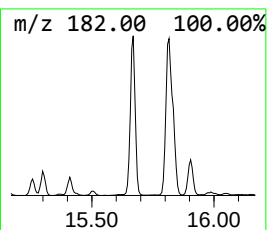
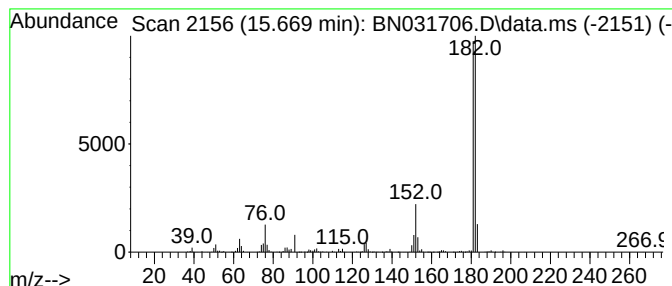
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	2.83 ng/ul	872509	Acenaphthene-d10	14.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3		9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78



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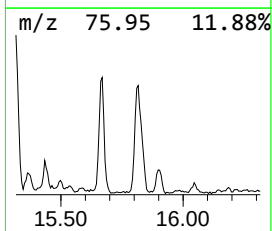
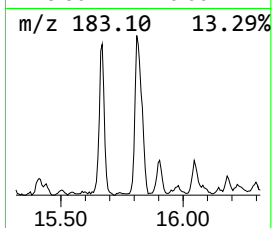
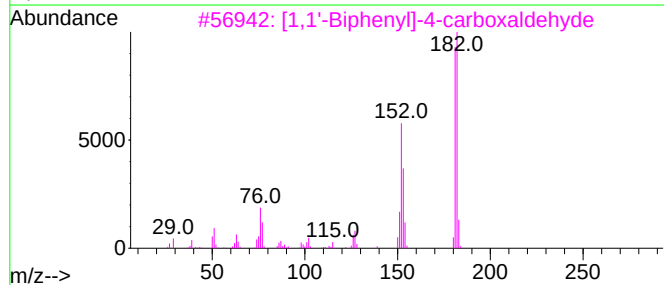
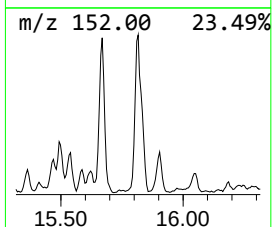
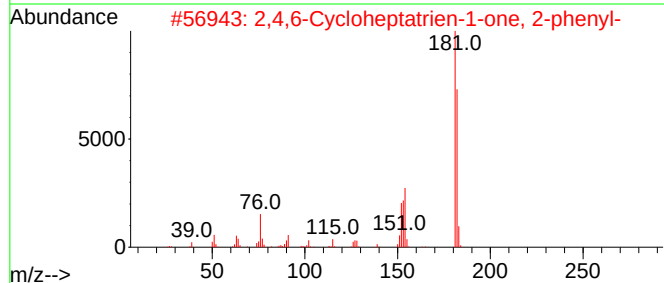
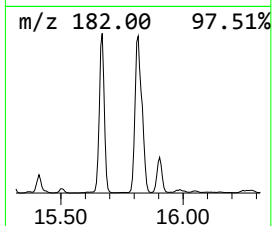
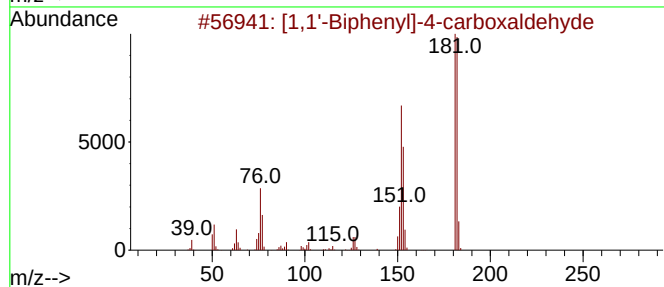
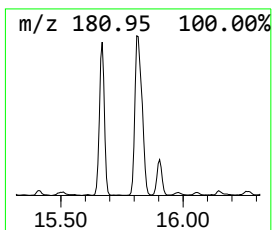
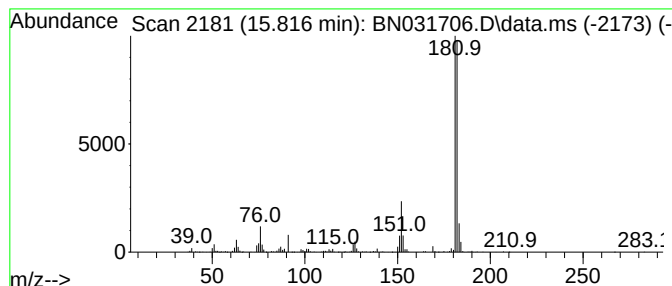
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 2,4,6-Cycloheptatrien-1-one... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.816	3.53 ng/ul	1194600	Phenanthrene-d10		17.069	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...		182	C13H10O	014562-09-5	86
3	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol		182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol		182	C13H10O	001689-64-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

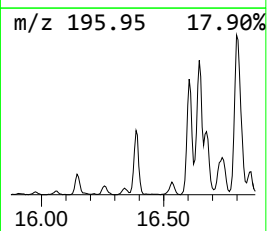
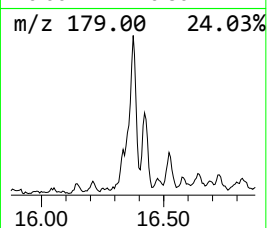
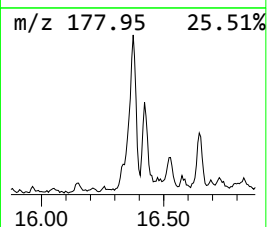
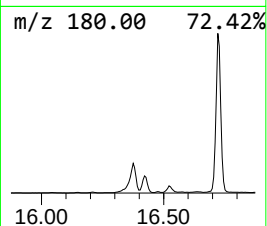
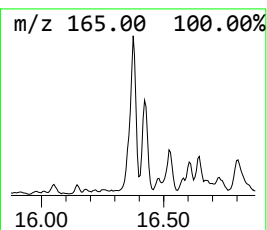
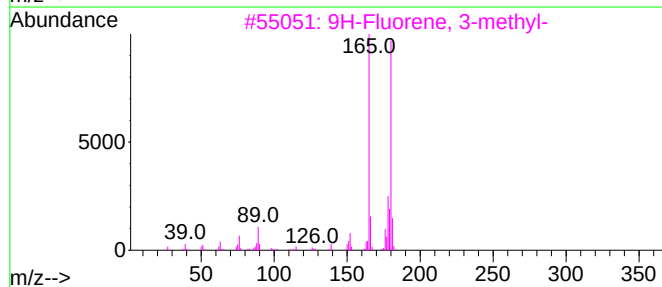
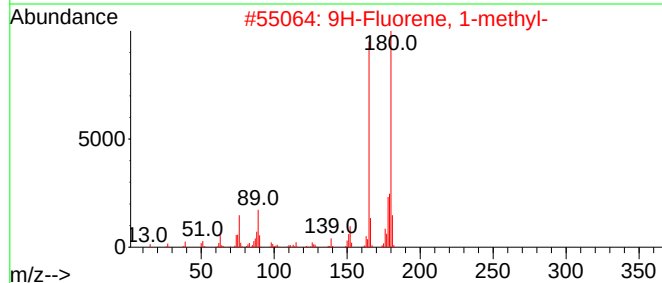
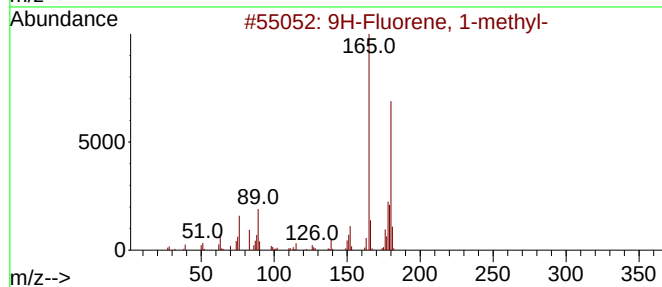
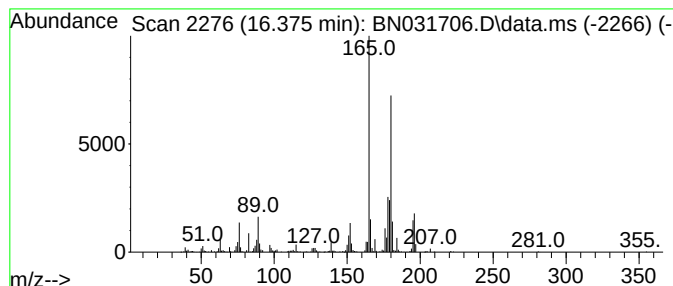
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.375	2.29 ng/ul	772972	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

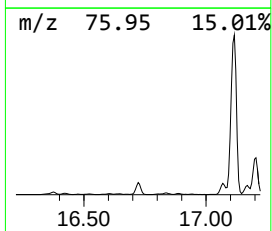
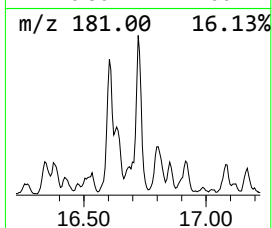
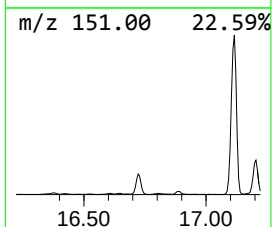
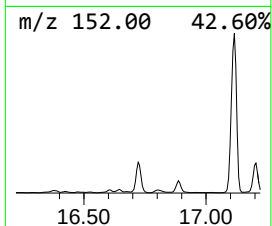
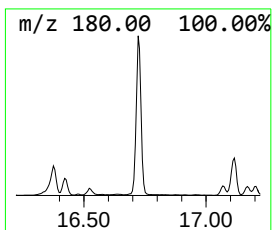
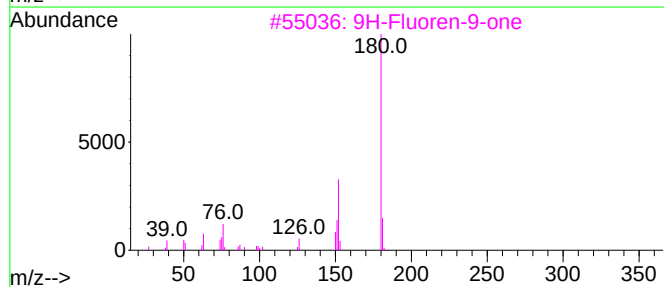
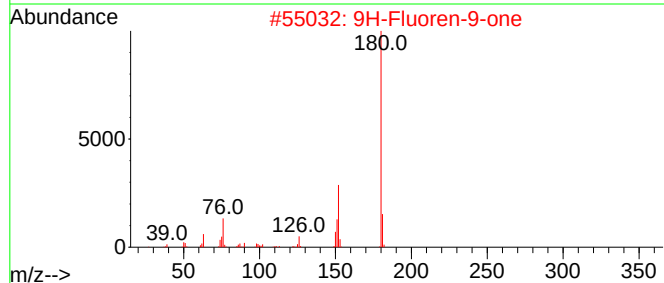
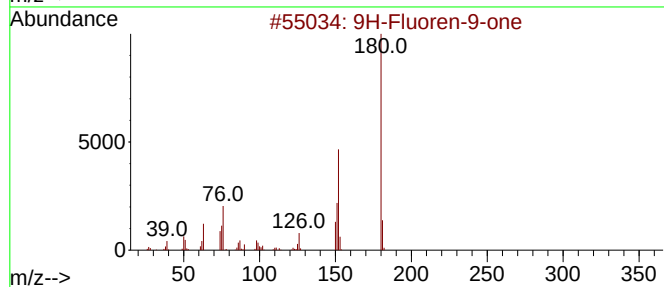
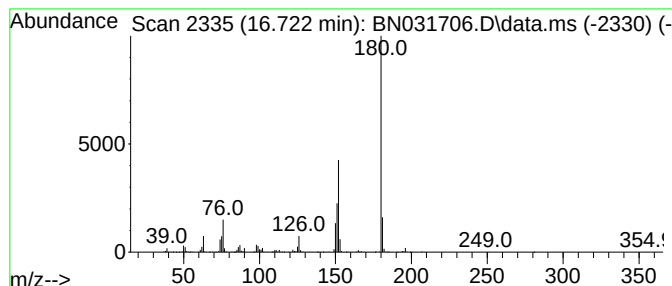
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.722	4.13 ng/ul	1395250	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
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Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

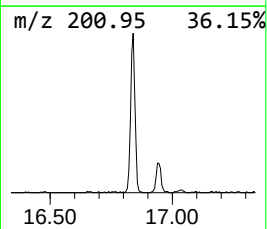
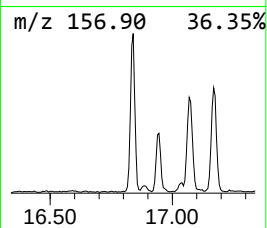
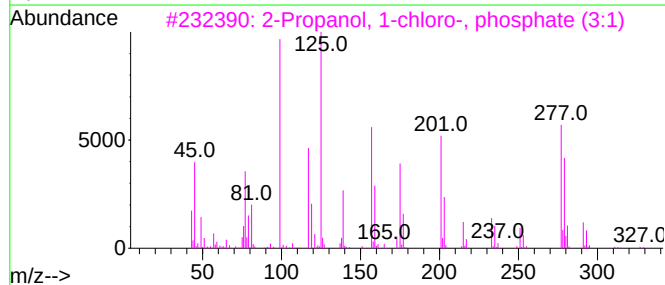
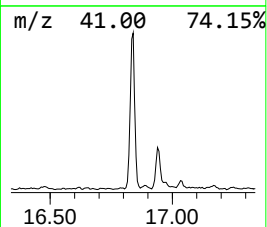
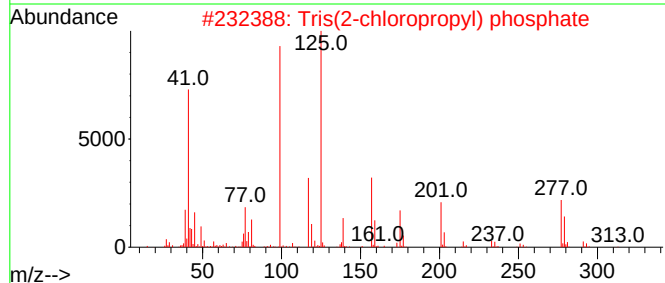
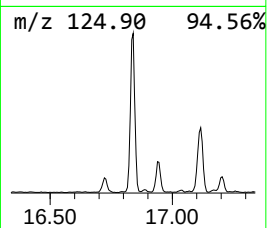
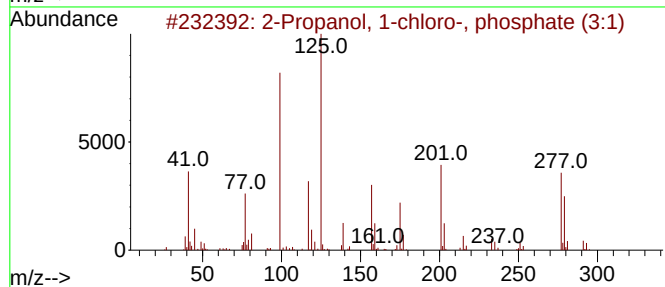
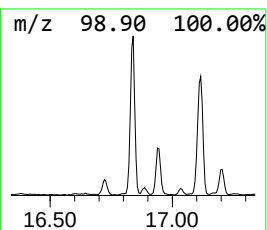
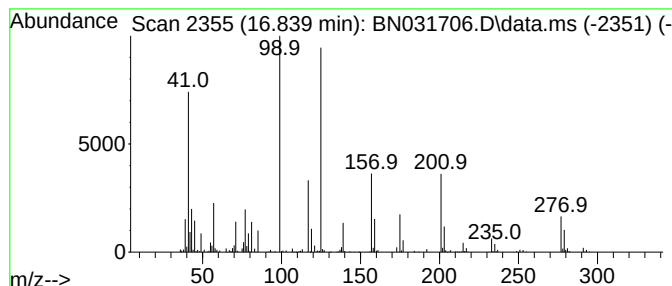
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 2-Propanol, 1-chloro-, phos... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.839	2.91 ng/ul	985243	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	91
2	Tris(2-chloropropyl) phosphate	326	C9H18Cl3O4P	006145-73-9	86
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	53
4	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	43
5	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
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Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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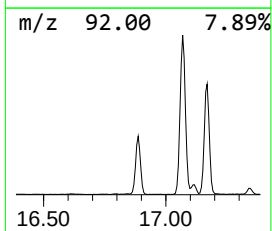
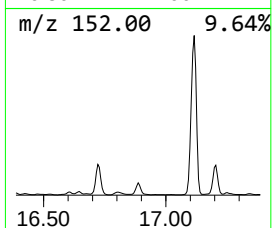
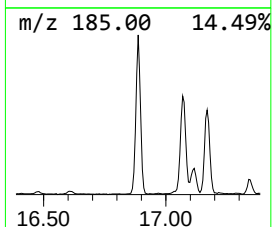
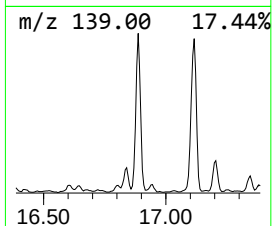
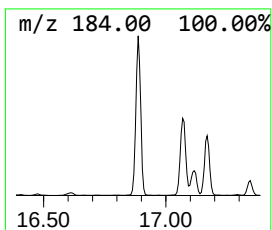
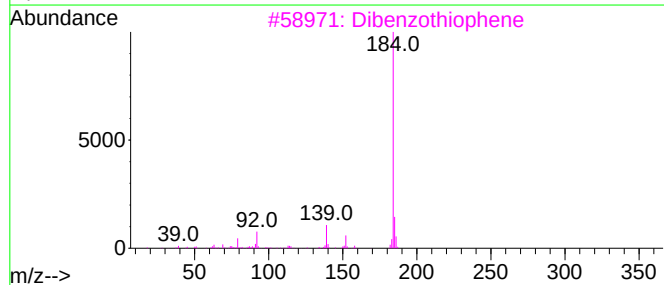
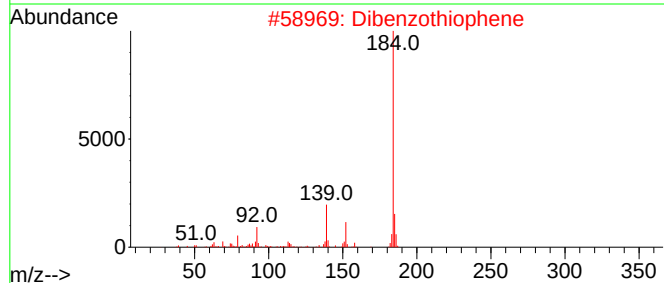
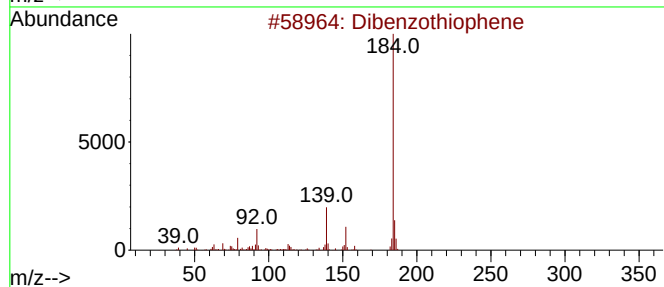
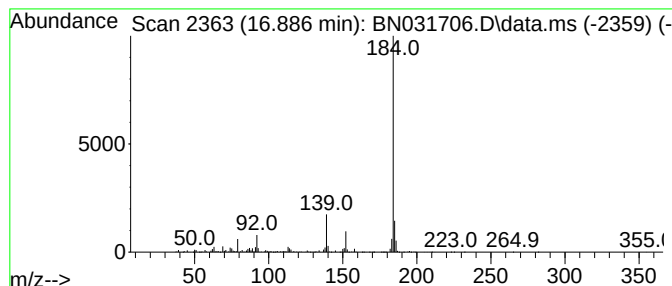
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.887	5.01 ng/ul	1693830	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	97
3			Dibenzothiophene	184	C12H8S	000132-65-0	97
4			Dibenzothiophene	184	C12H8S	000132-65-0	96
5			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
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Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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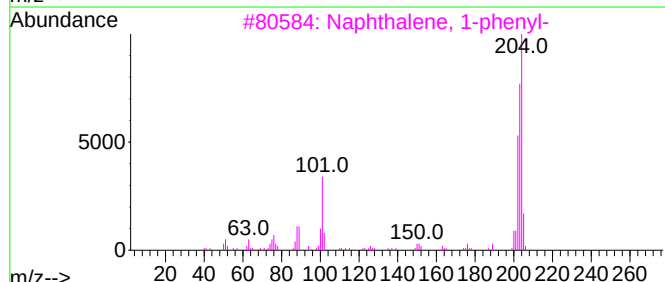
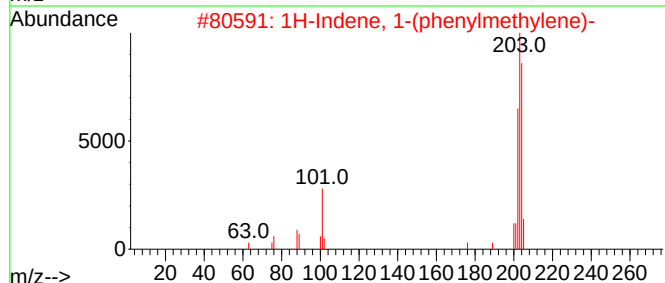
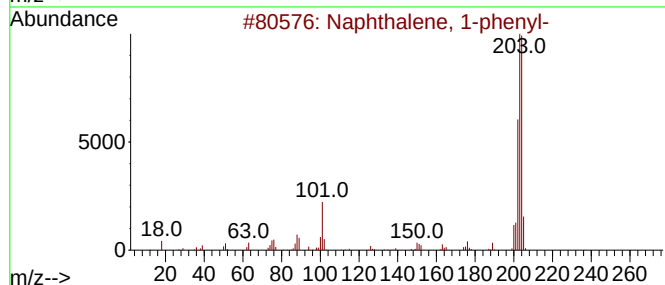
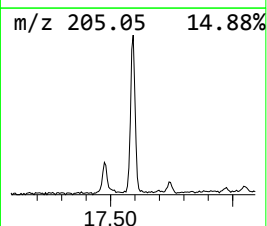
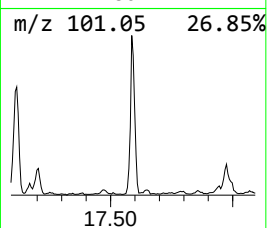
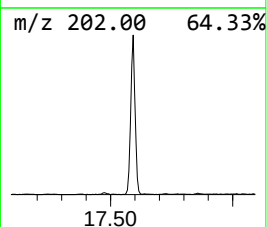
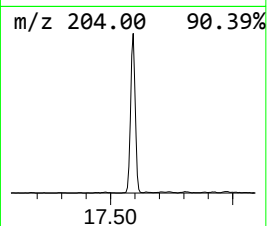
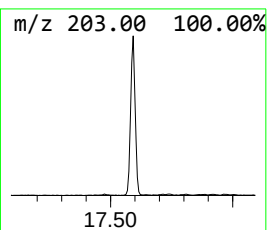
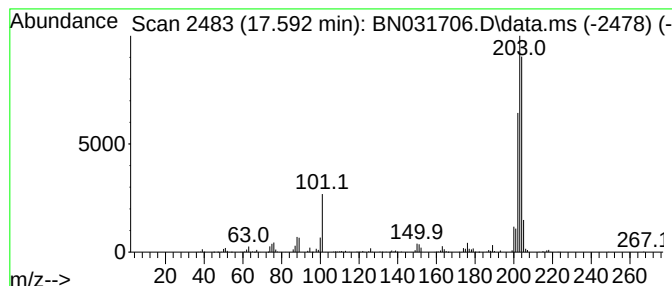
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1-phenyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.592	2.18 ng/ul	736474	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	97
2			1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	94
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
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ALS Vial : 17 Sample Multiplier: 1

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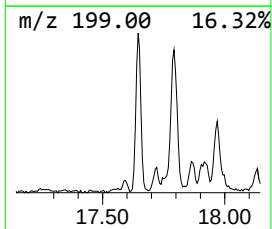
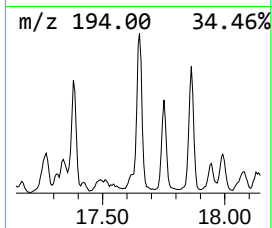
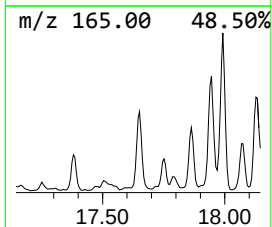
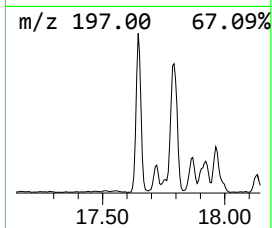
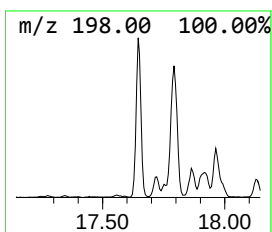
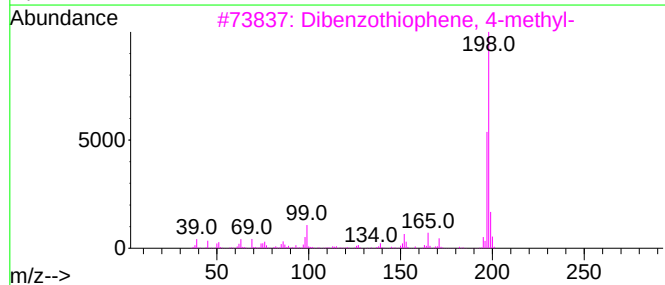
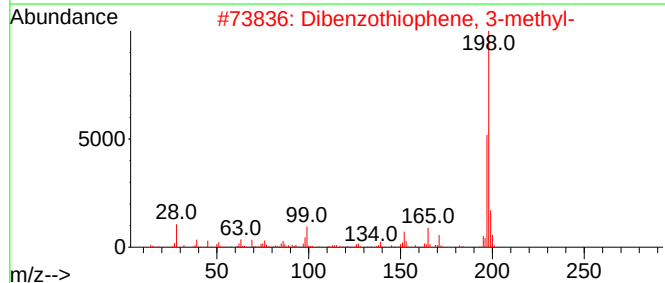
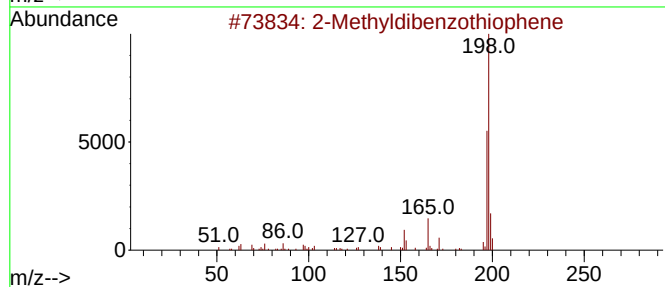
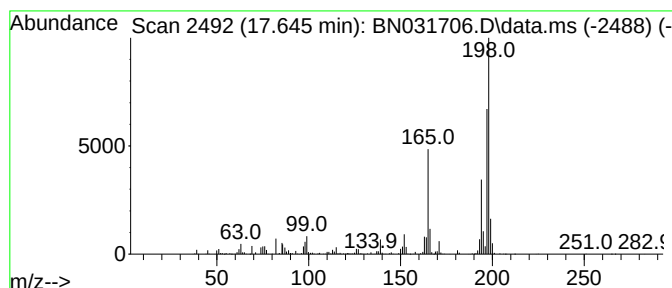
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 2-Methyldibenzothiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.645	2.88 ng/ul	973184	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	87
2			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	70
3			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	70
4			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	52
5			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
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Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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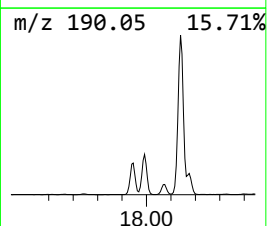
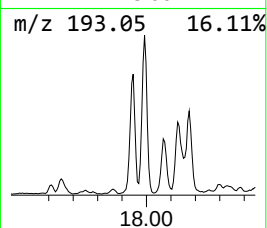
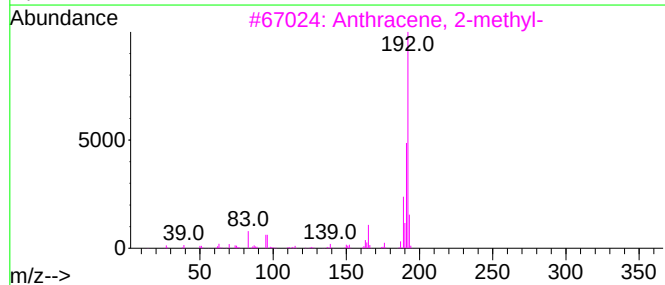
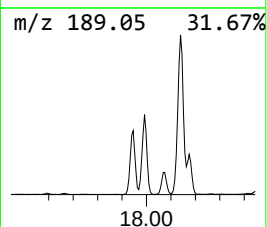
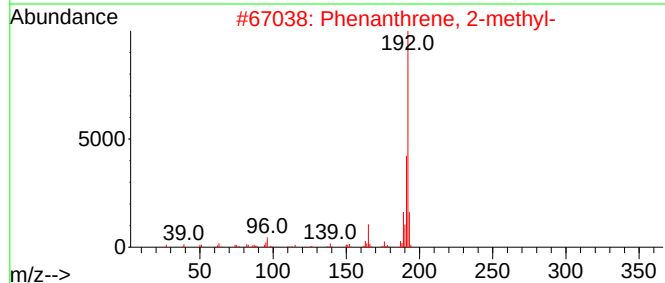
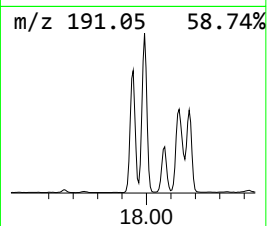
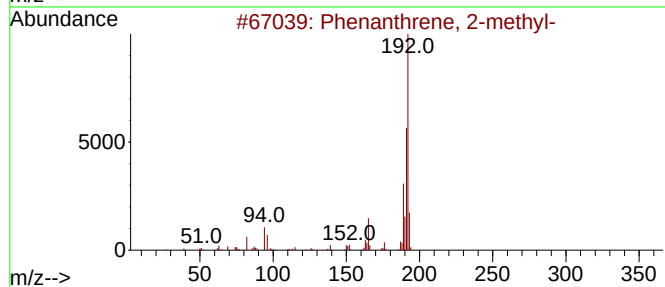
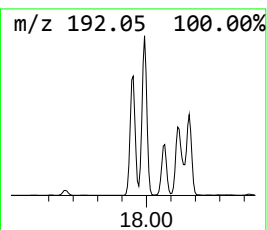
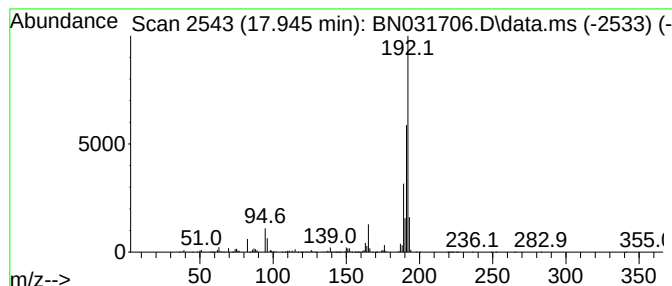
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	11.06 ng/ul	3742460	Phenanthrene-d10	17.069

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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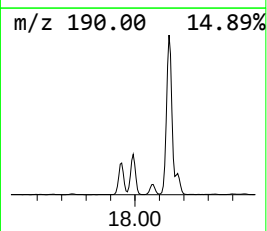
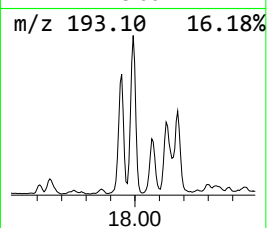
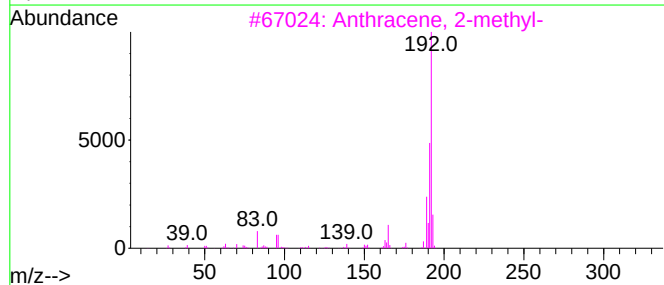
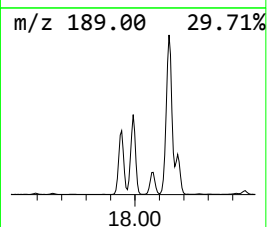
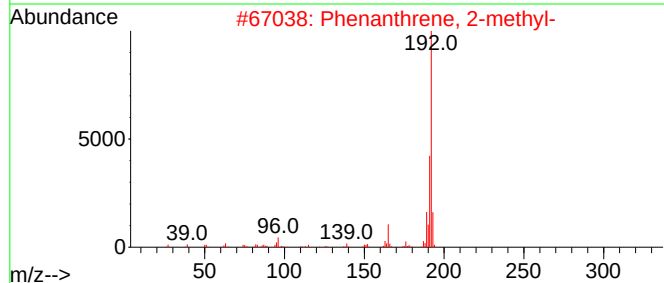
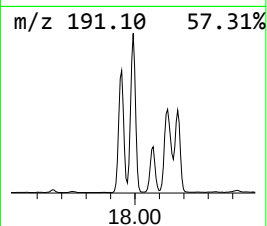
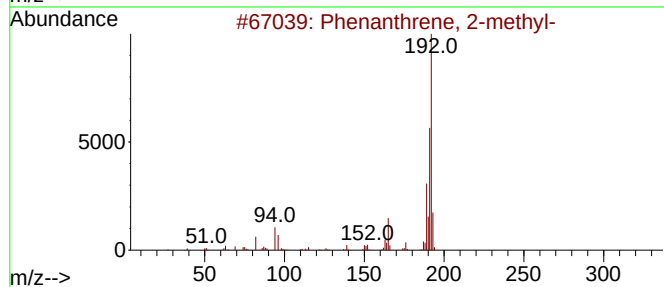
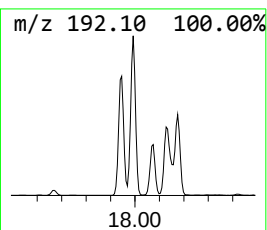
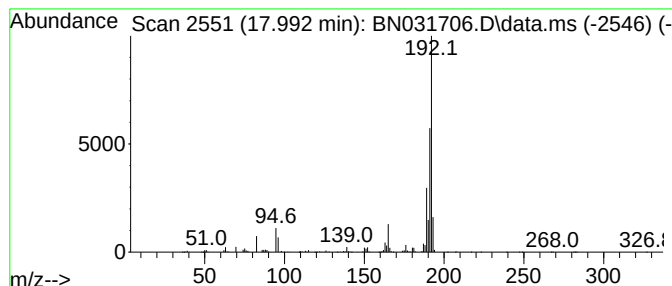
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	15.27 ng/ul	5165360	Phenanthrene-d10	17.069

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
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Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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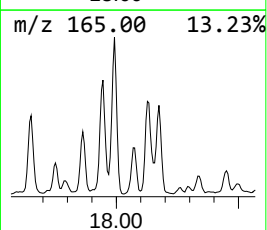
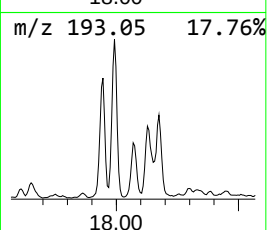
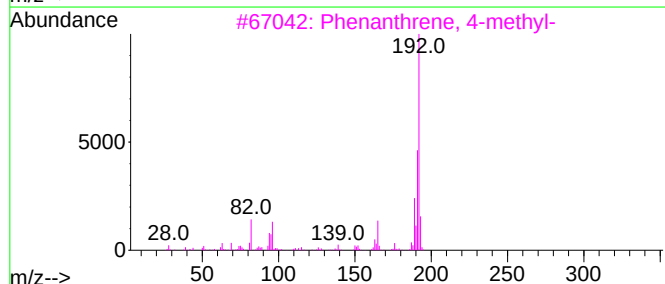
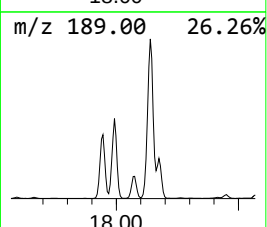
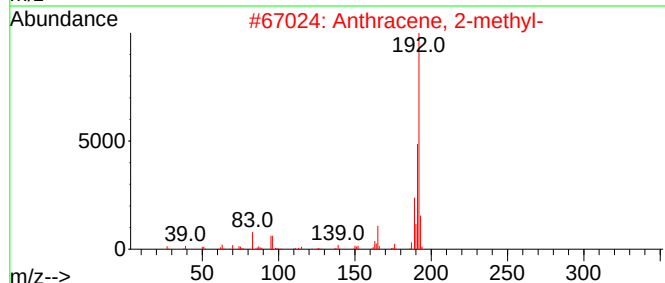
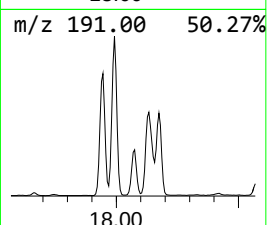
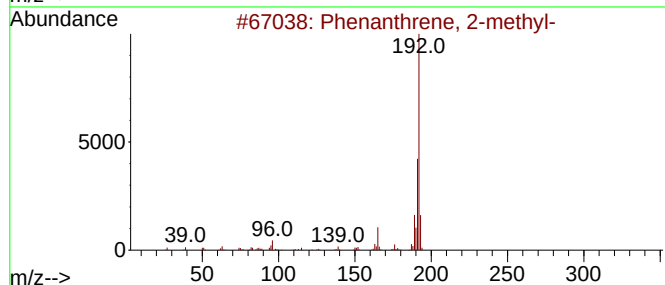
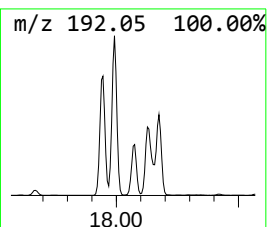
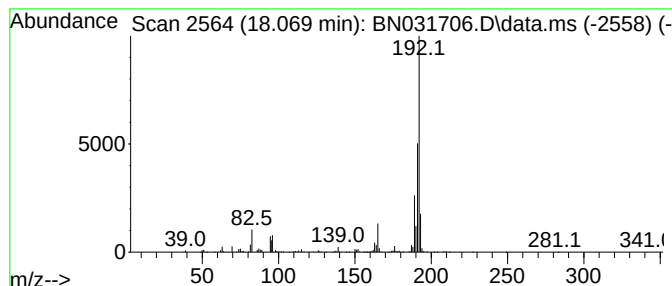
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	3.91 ng/ul	1321580	Phenanthrene-d10	17.069

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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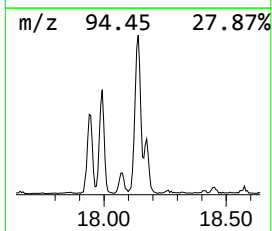
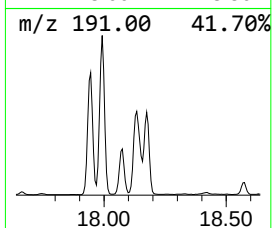
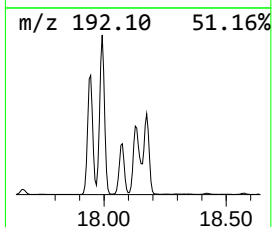
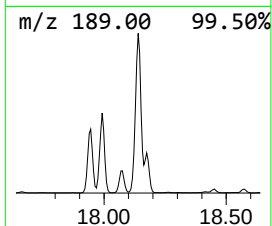
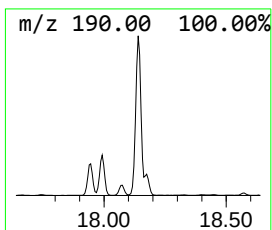
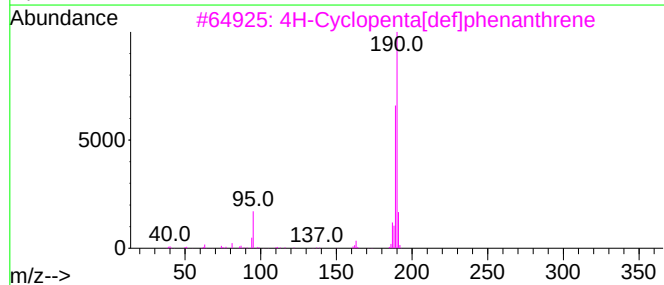
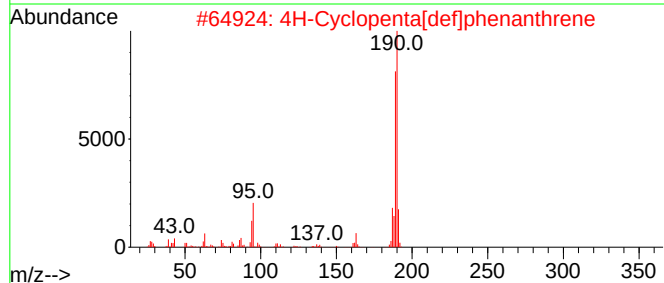
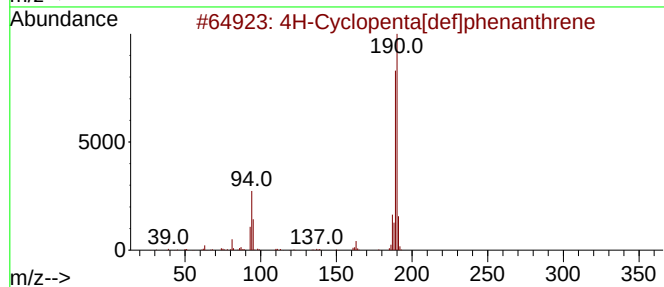
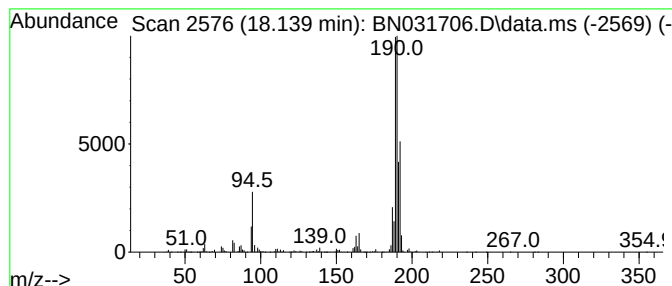
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	15.43 ng/ul	5220030	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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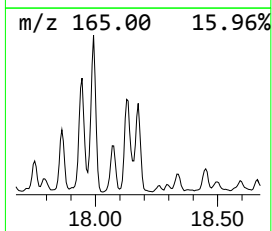
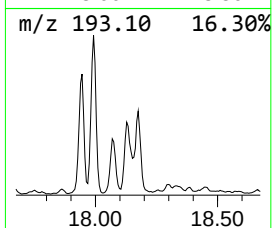
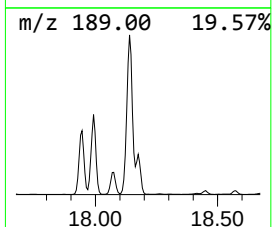
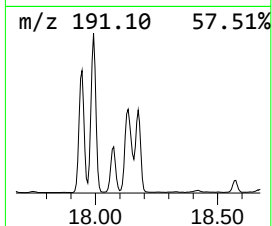
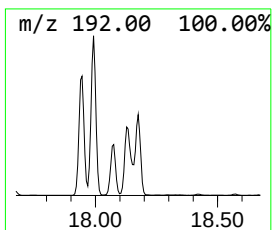
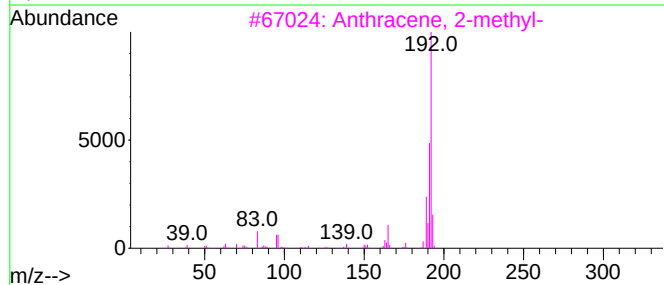
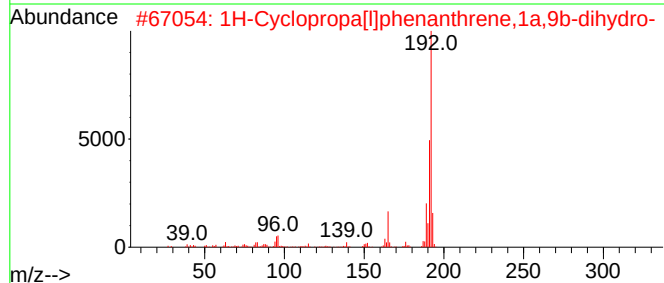
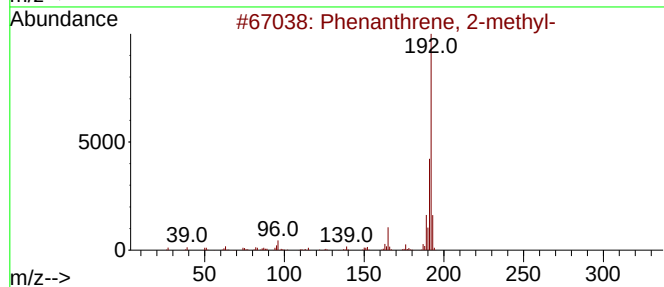
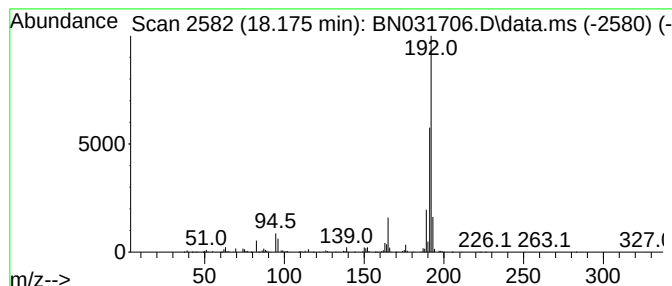
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1H-Cyclopropa[1]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	5.49 ng/ul	1856110	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
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Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

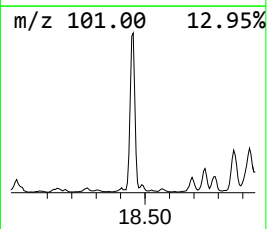
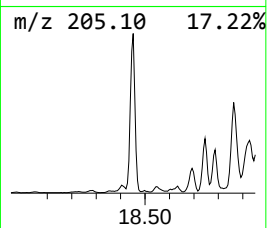
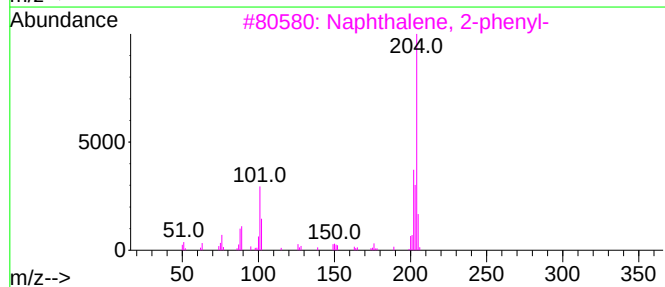
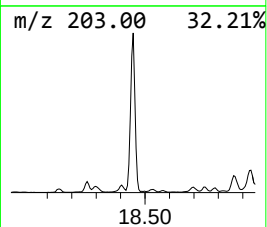
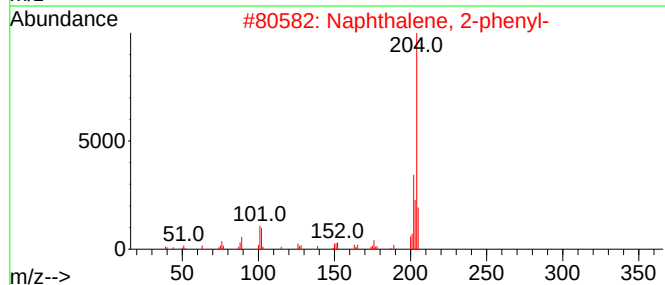
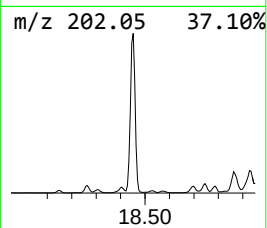
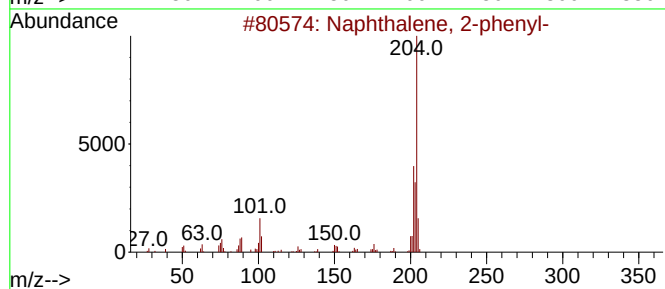
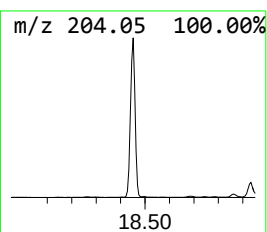
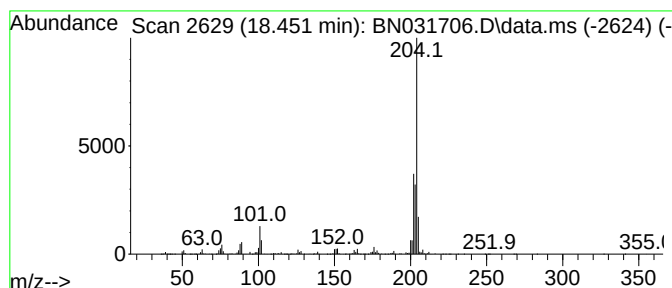
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.451	8.83 ng/ul	2987100	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
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Sample : P2569-21
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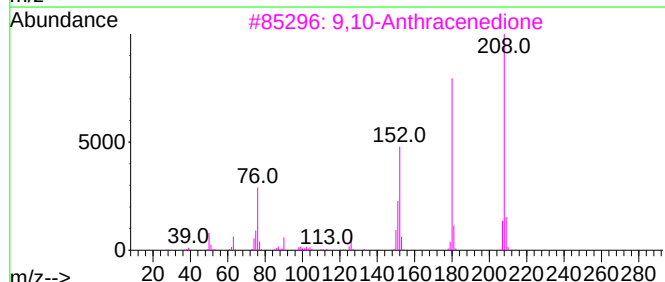
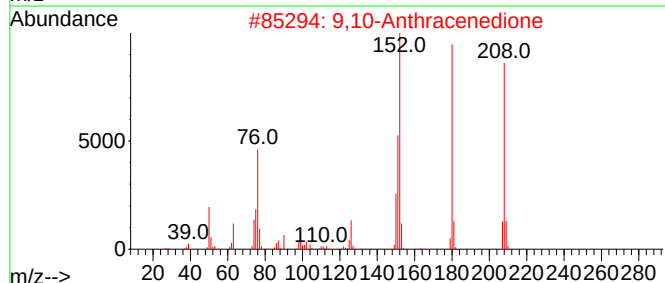
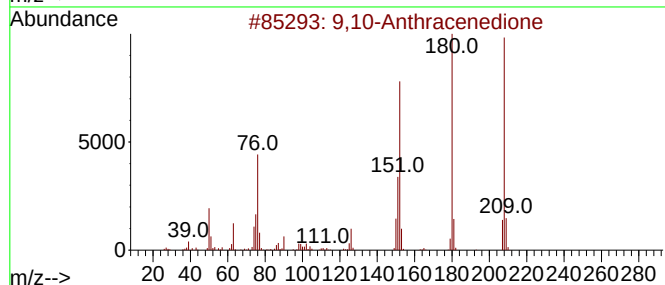
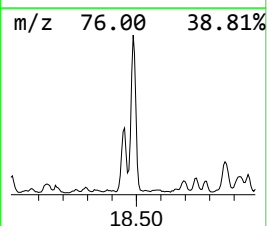
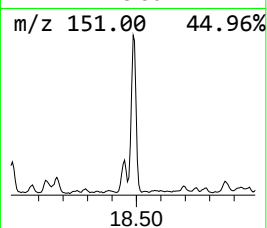
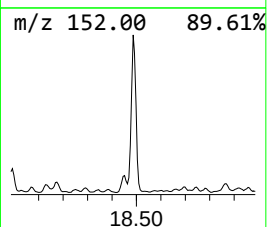
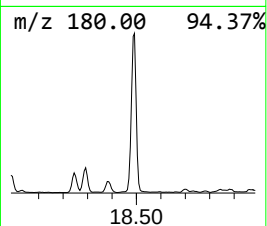
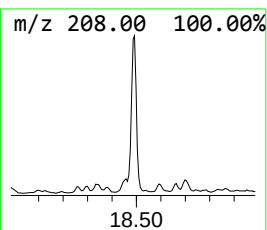
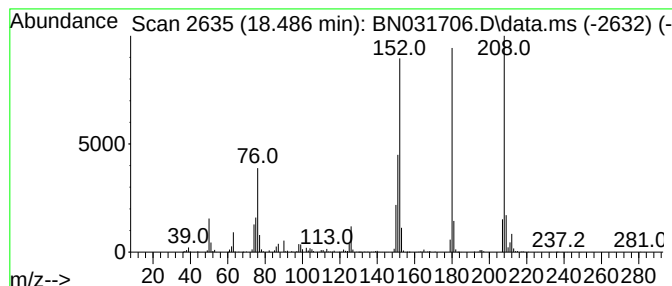
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	5.12 ng/ul	1732910	Phenanthrene-d10	17.069

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4		9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
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Operator : MA/JU
Sample : P2569-21
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ALS Vial : 17 Sample Multiplier: 1

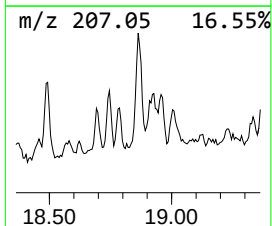
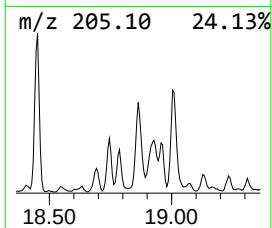
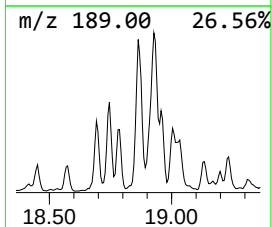
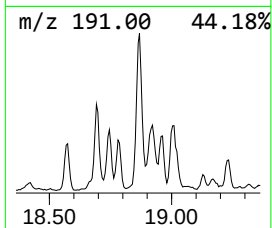
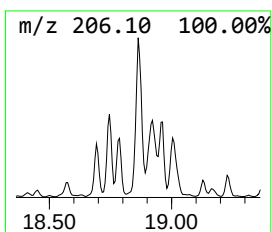
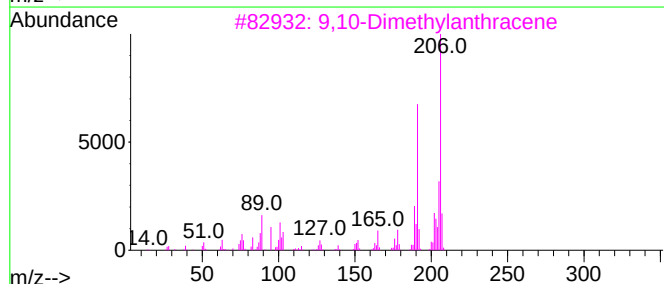
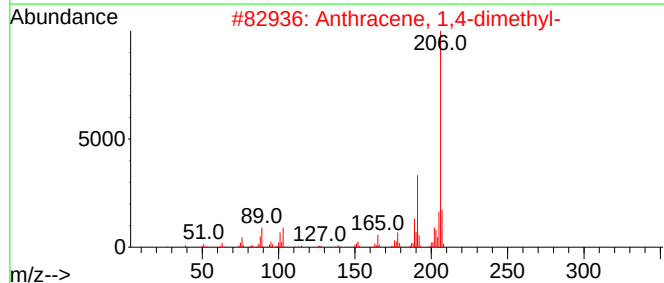
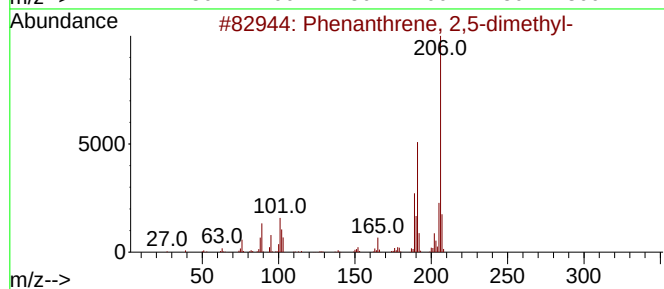
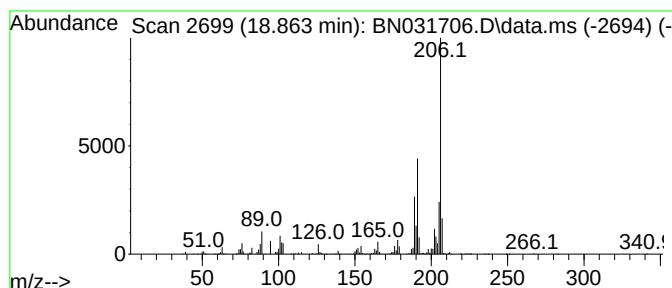
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.863	5.63 ng/ul	1905770	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

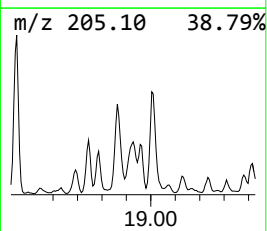
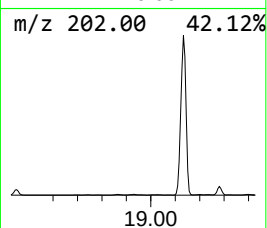
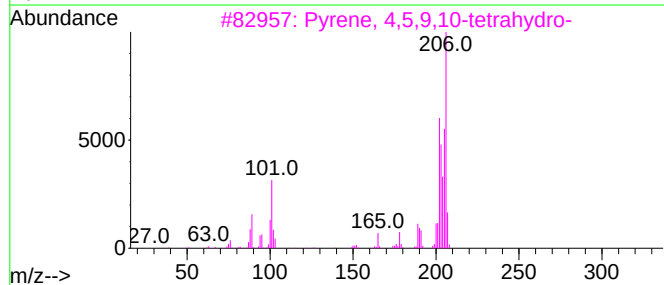
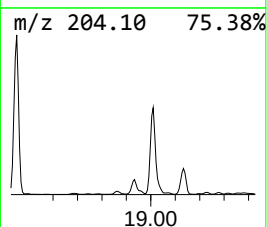
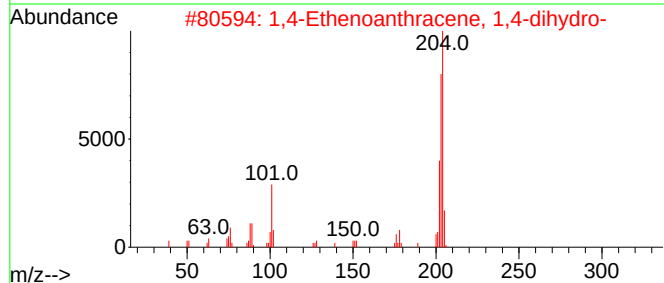
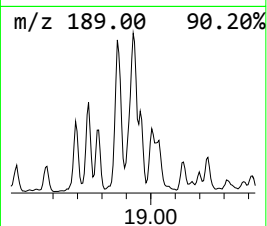
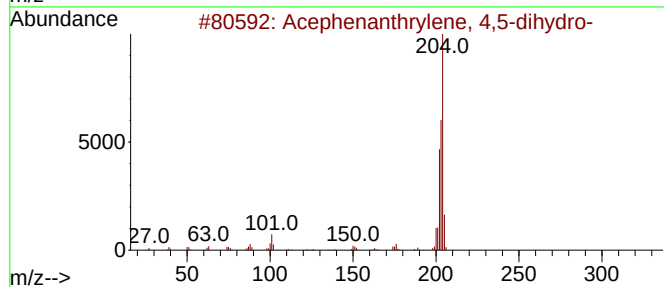
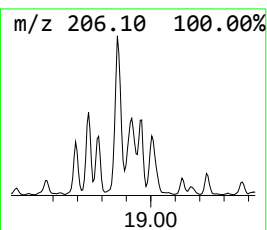
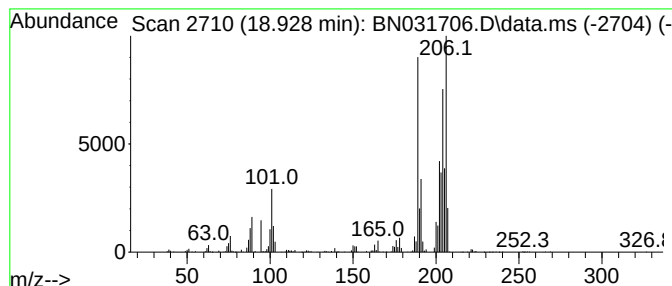
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 Acephenanthrylene, 4,5-dihy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.928	4.18 ng/ul	1415160	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	62
2	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	44
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	38
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

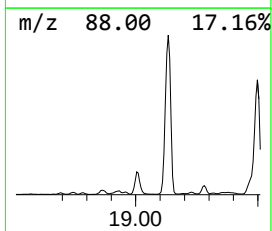
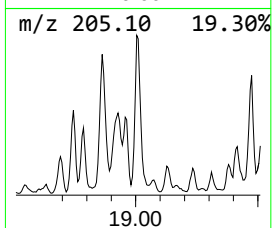
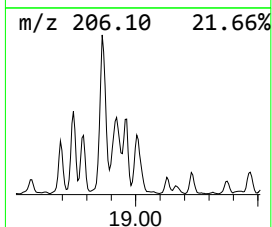
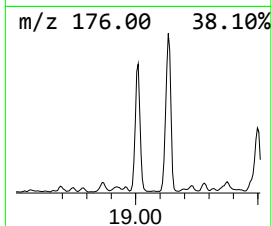
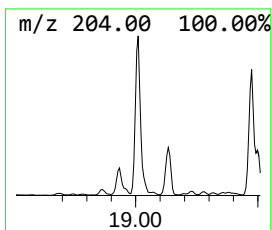
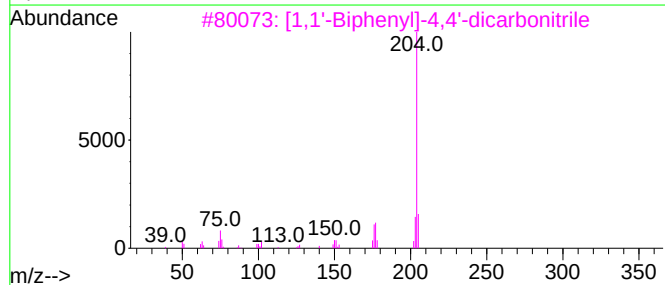
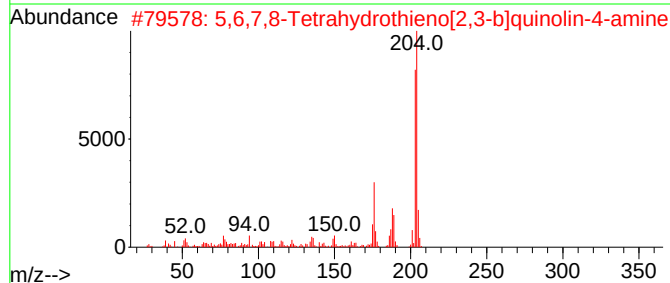
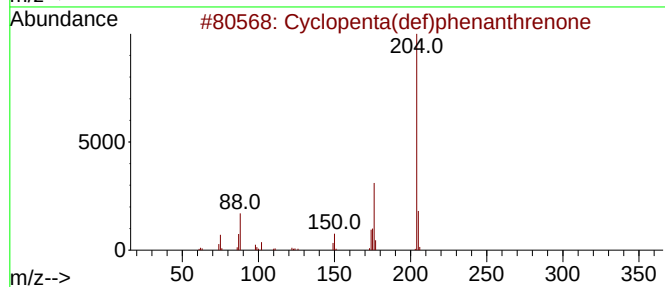
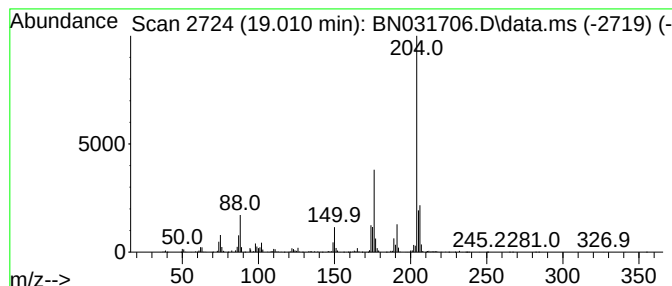
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.010	7.05 ng/ul	2384320	Phenanthrene-d10		17.069	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	98
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...		204	C11H12N2S	122914-50-5	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile		204	C14H8N2	001591-30-6	49
4	4-Hydroxy-3-chlorobiphenyl, acetate		246	C14H11ClO2	1000447-68-2	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...		204	C15H24	137235-51-9	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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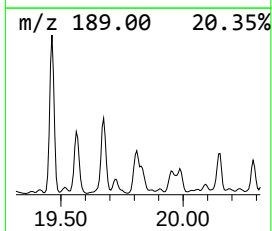
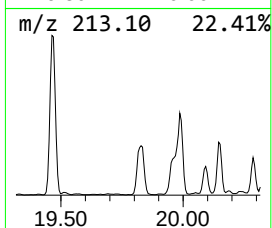
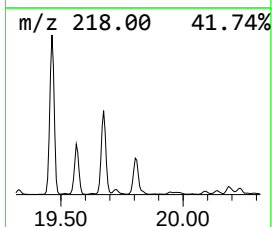
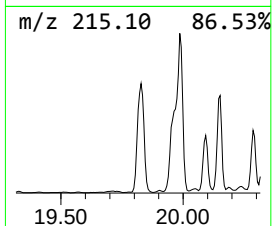
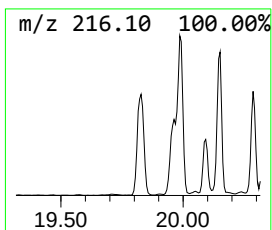
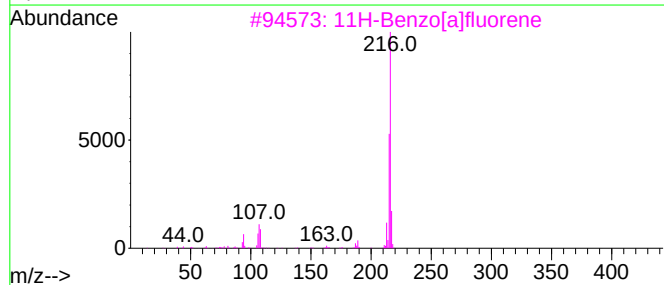
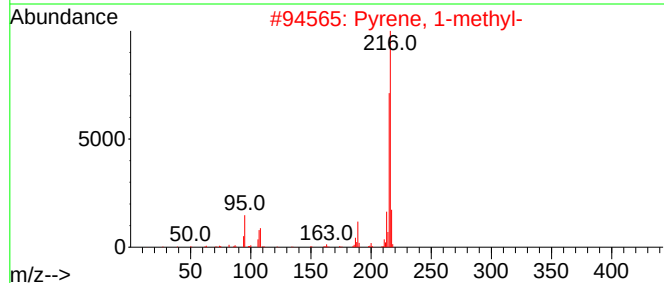
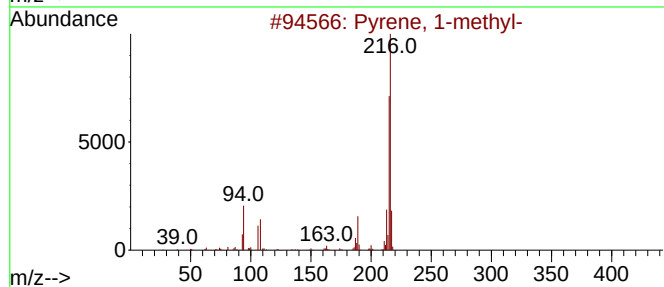
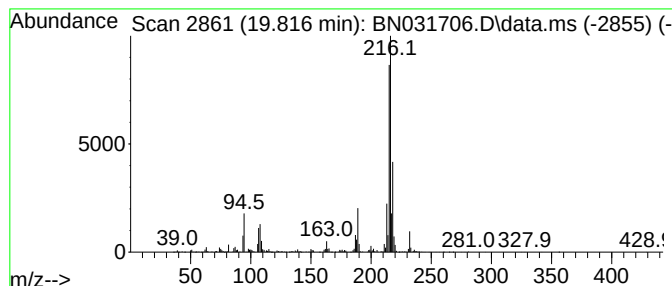
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Pyrene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.816	3.18 ng/ul	3590440	Chrysene-d12	21.304

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	93
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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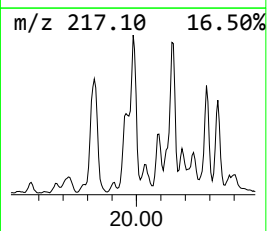
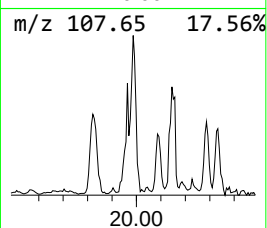
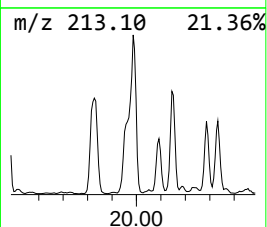
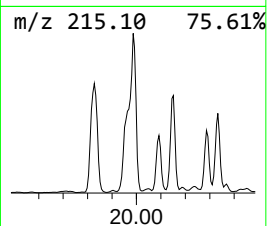
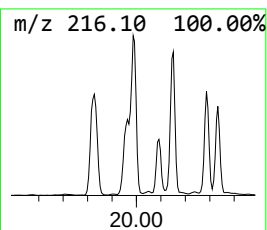
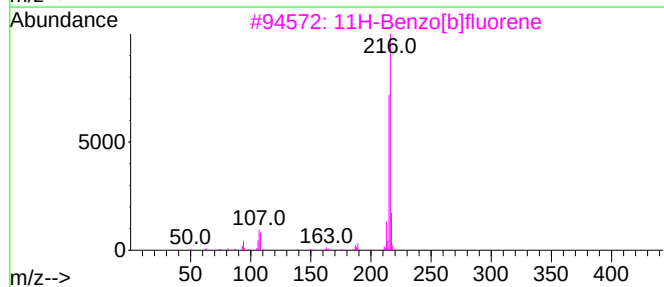
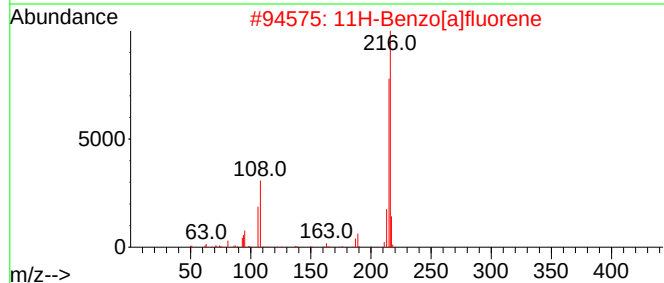
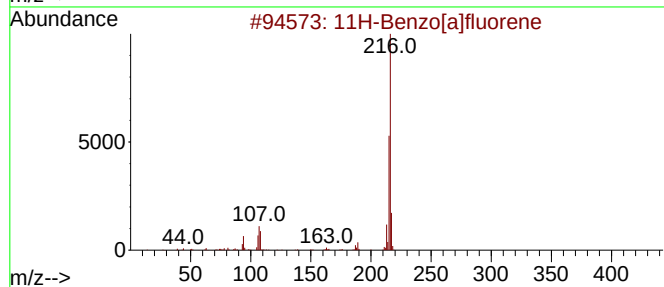
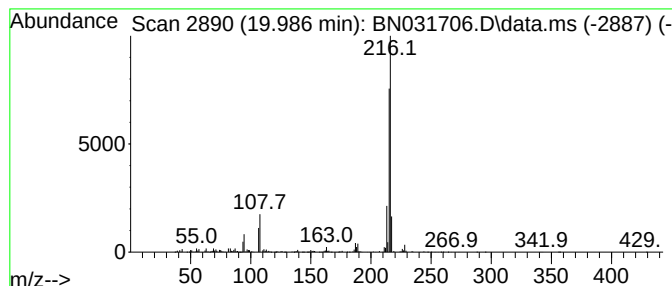
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 11H-Benzo[a]fluorene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.986	2.37 ng/ul	2681970	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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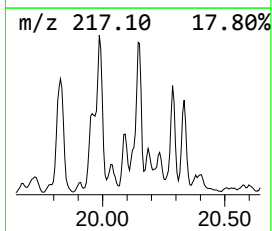
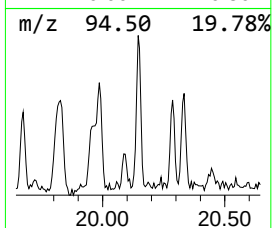
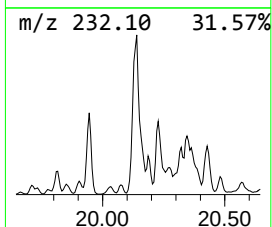
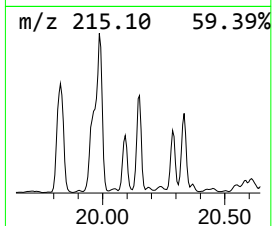
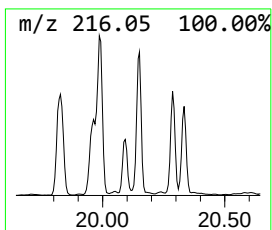
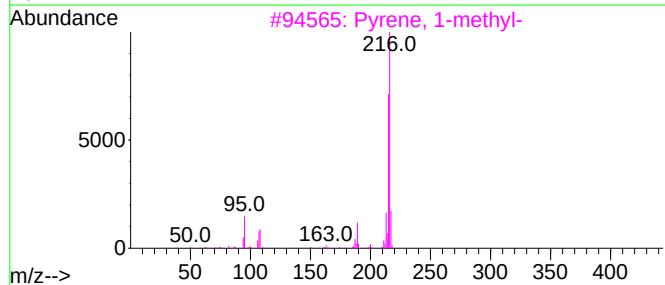
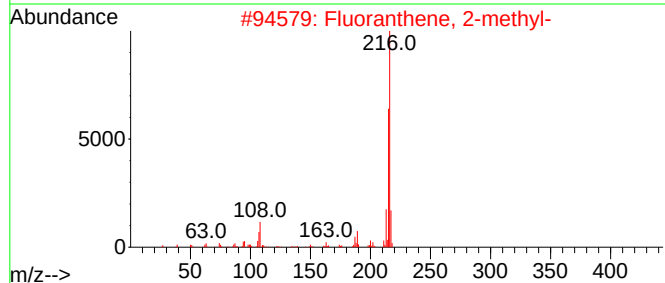
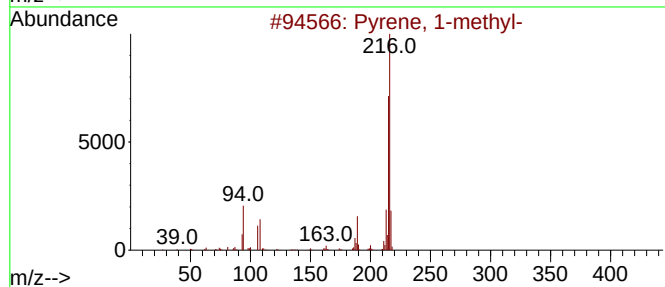
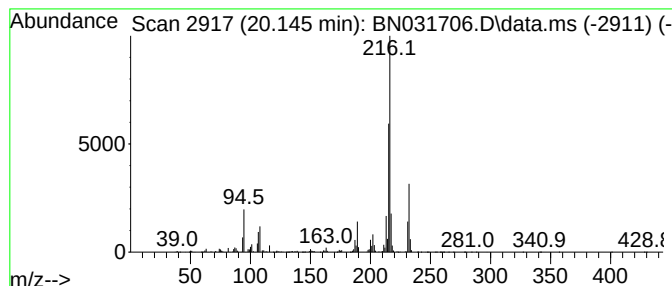
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Fluoranthene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	2.81 ng/ul	3172950	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
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Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

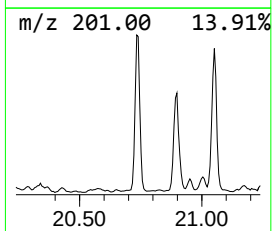
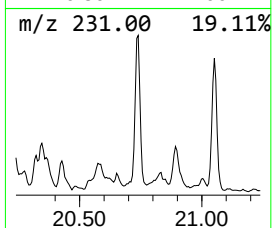
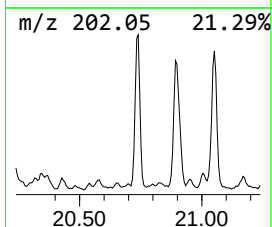
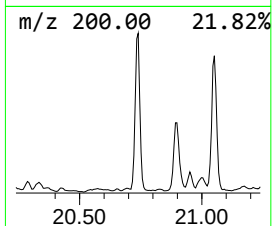
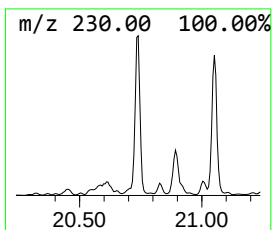
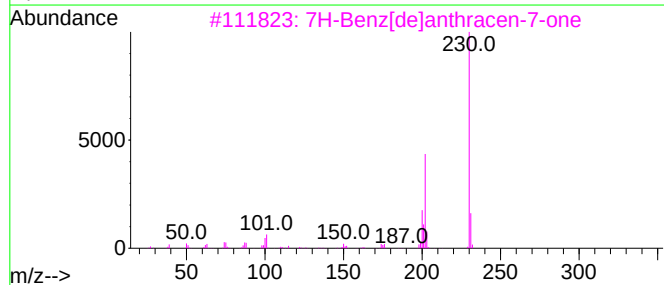
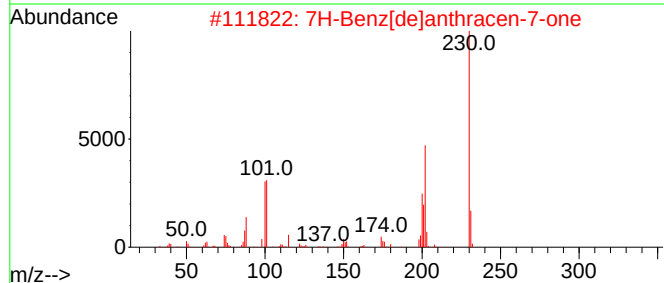
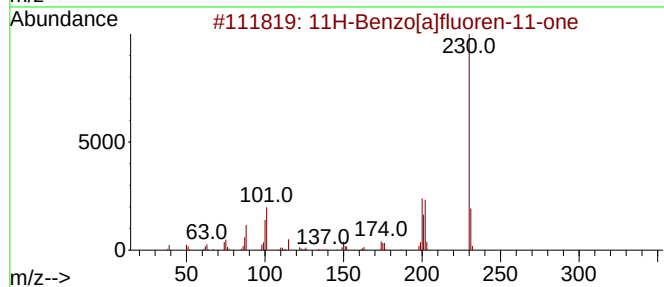
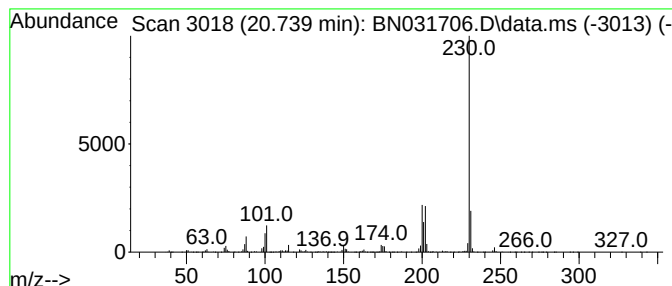
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 11H-Benzo[a]fluoren-11-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.739	2.87 ng/ul	3245470	Chrysene-d12	21.304	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	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	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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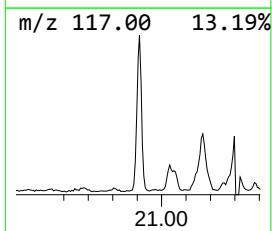
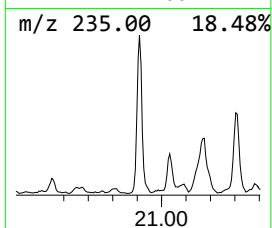
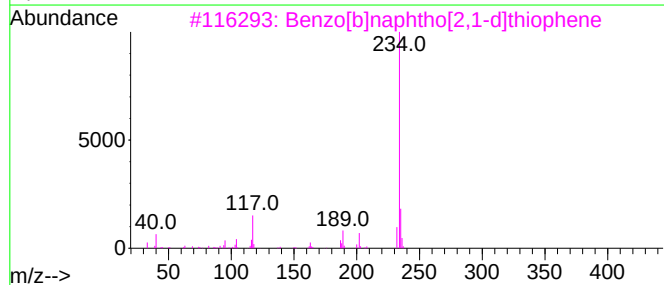
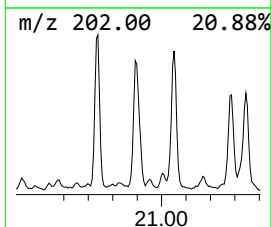
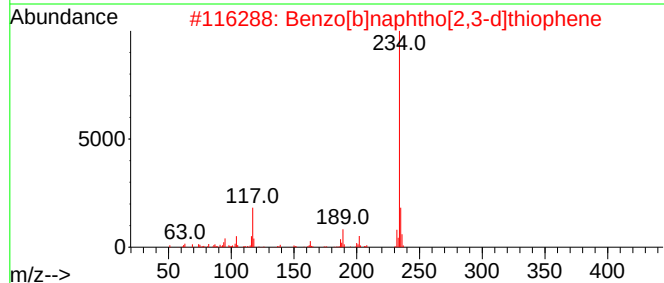
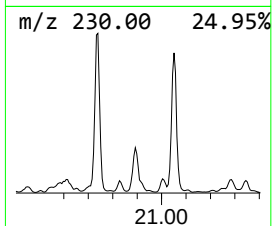
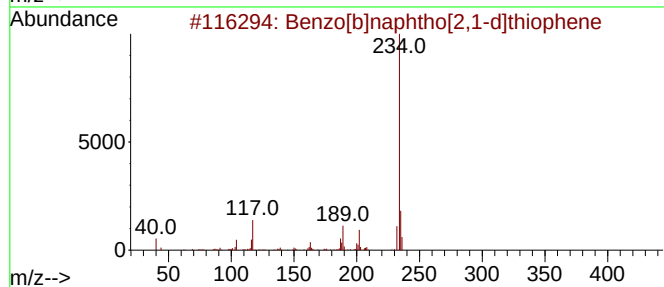
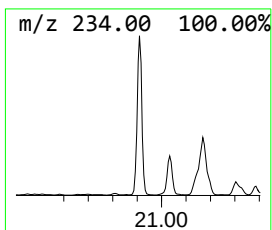
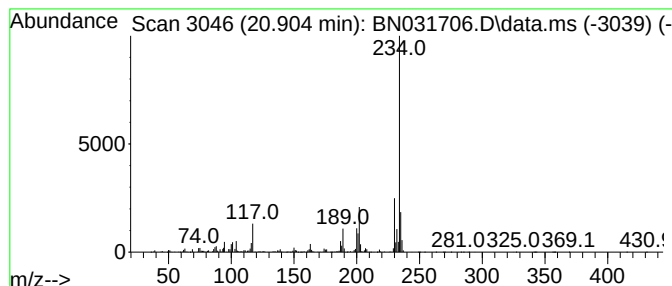
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.904	3.05 ng/ul	3438970	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
5			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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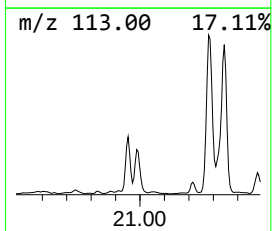
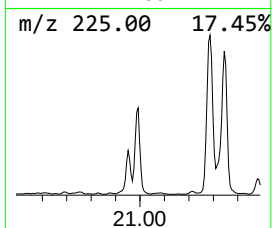
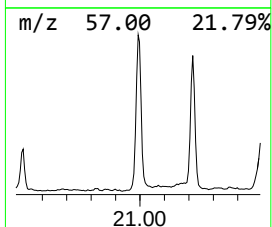
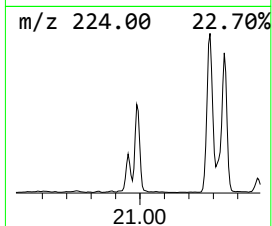
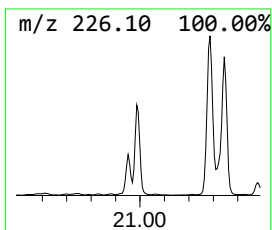
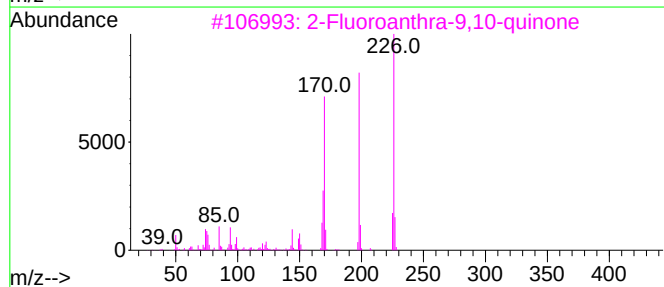
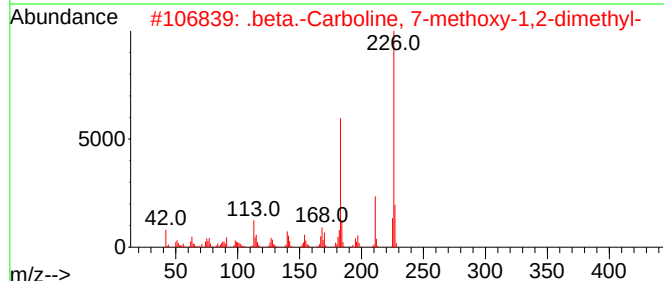
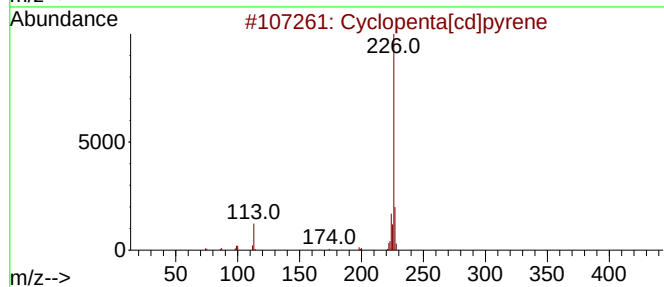
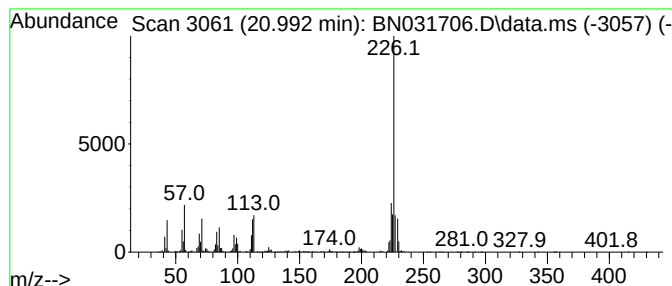
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Cyclopenta[cd]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	3.58 ng/ul	4043380	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	62
2			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
3			2-Fluoroanthra-9,10-quinone	226	C14H7FO2	000572-84-9	50
4			4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	40
5			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

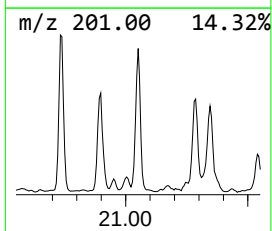
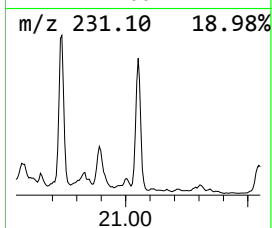
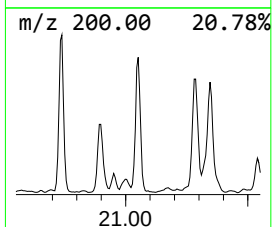
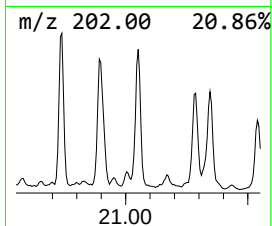
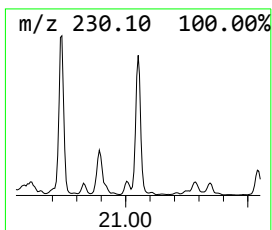
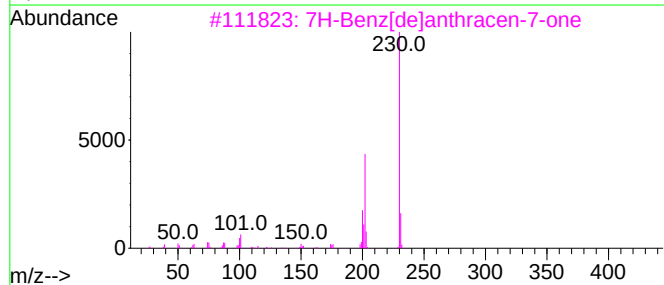
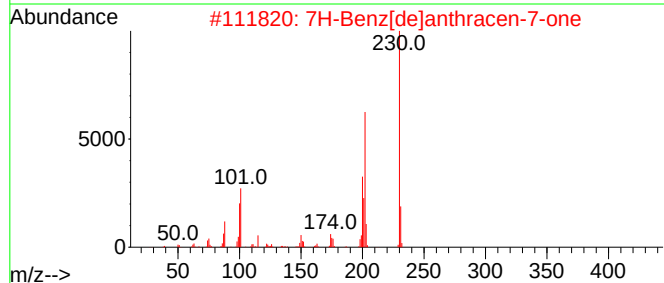
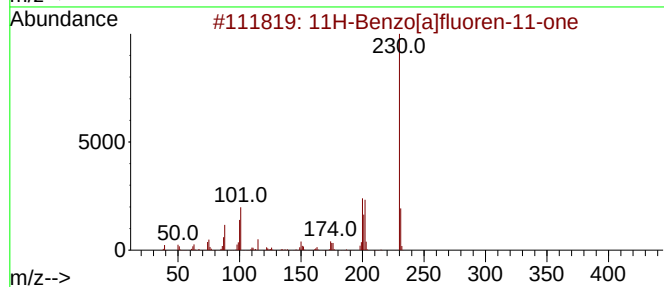
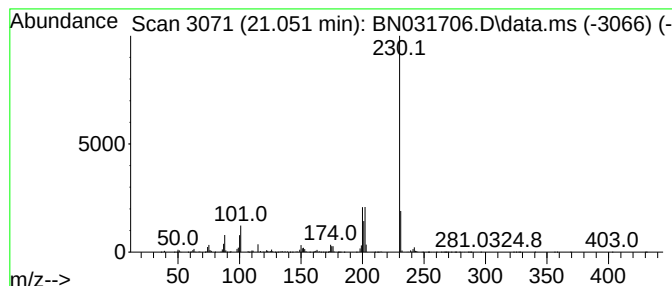
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 7H-Benz[de]anthracen-7-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.051	3.18 ng/ul	3595020	Chrysene-d12		21.304	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one		230	C17H10O	000479-79-8	94
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	87
4	7H-Benz[de]anthracen-7-one		230	C17H10O	000082-05-3	87
5	6H-Benz[de]anthracen-6-one		230	C17H10O	080252-14-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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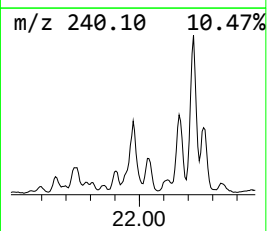
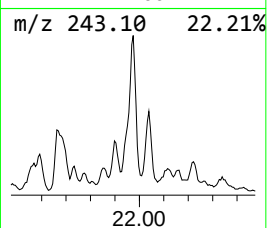
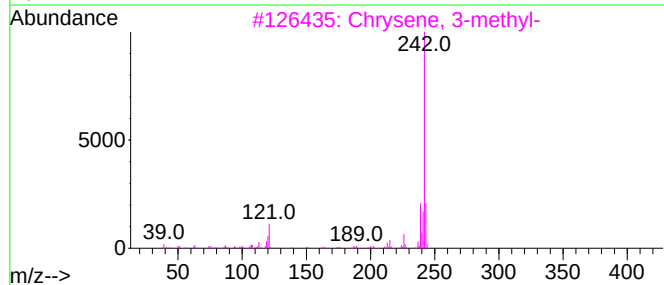
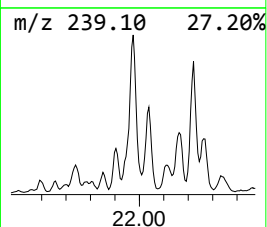
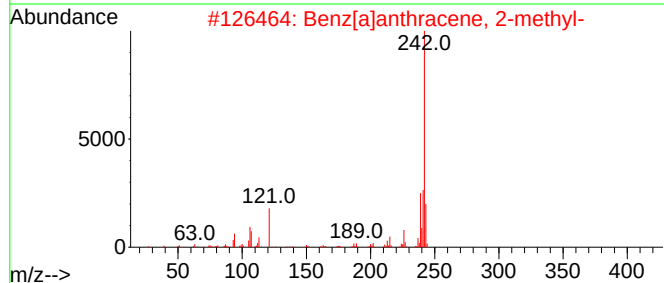
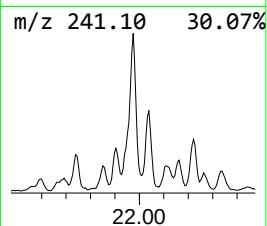
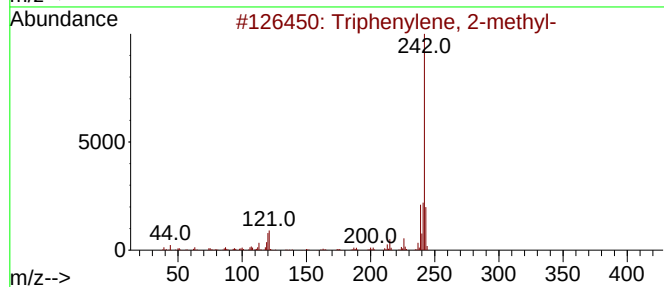
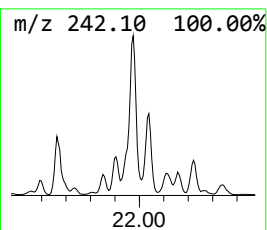
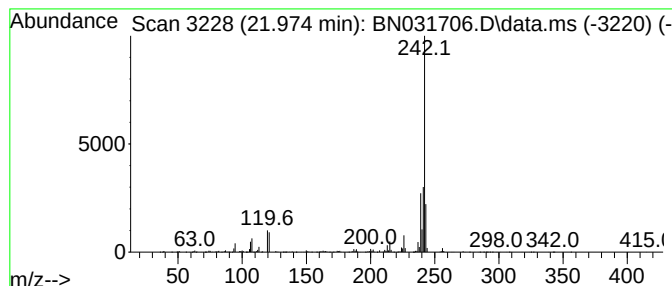
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Triphenylene, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.974	2.25 ng/ul	2535970	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	98
2			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	97
3			Chrysene, 3-methyl-	242	C19H14	003351-31-3	95
4			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
5			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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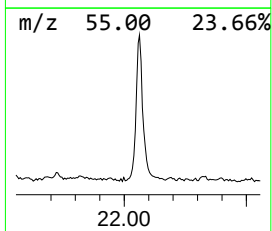
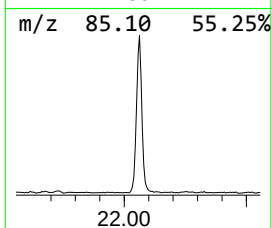
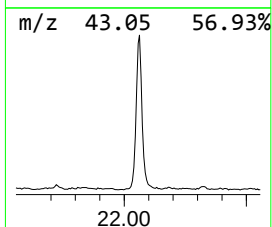
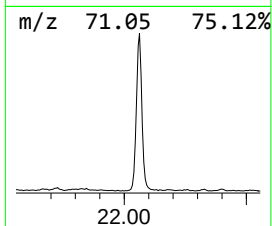
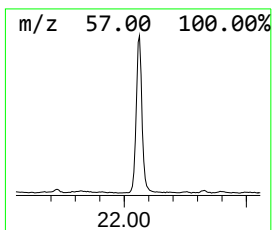
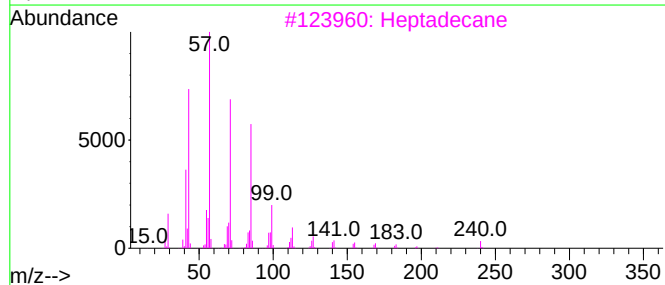
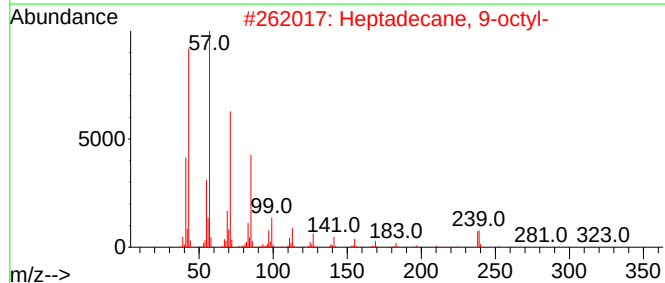
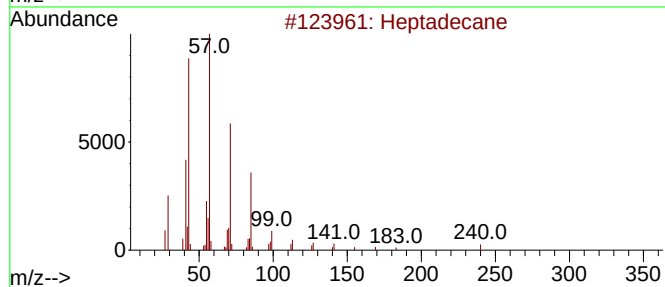
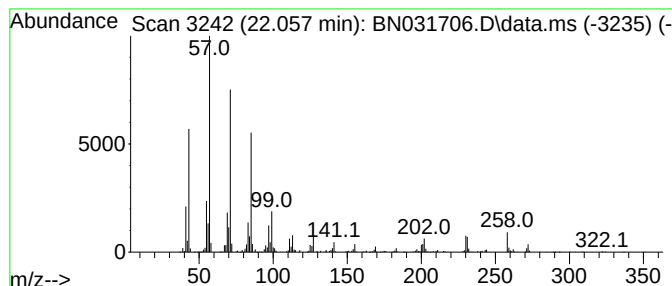
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.057	2.29 ng/ul	2588190	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
3			Heptadecane	240	C17H36	000629-78-7	83
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	81
5			Octadecane	254	C18H38	000593-45-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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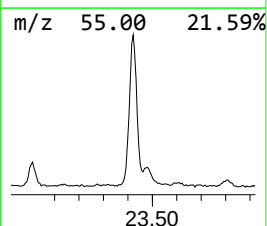
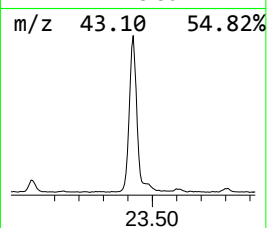
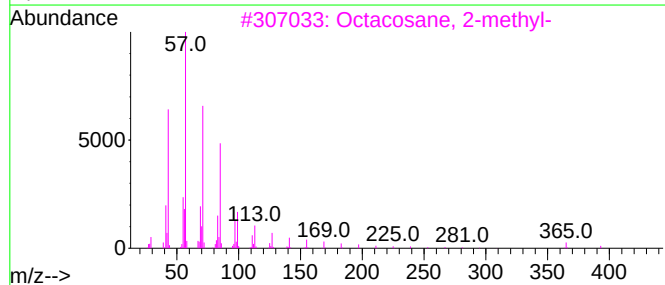
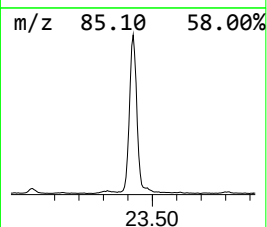
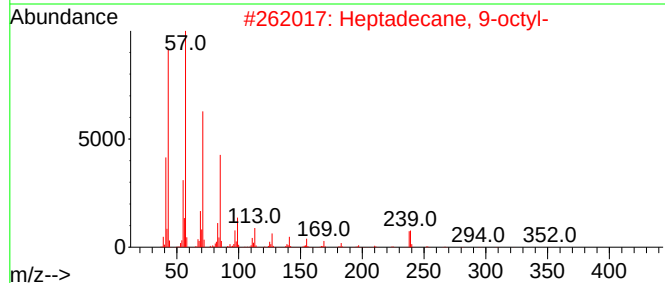
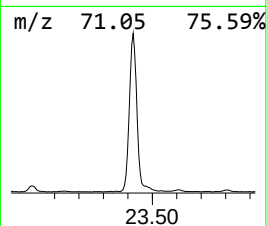
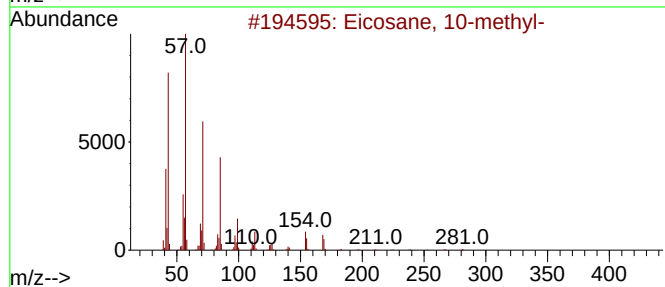
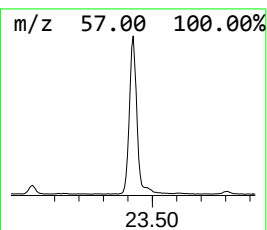
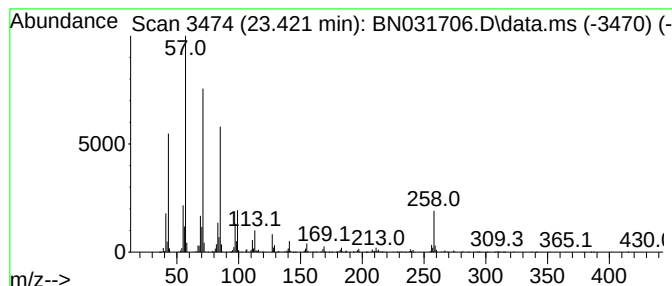
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.421	9.55 ng/ul	2797240	Perylene-d12	24.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
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Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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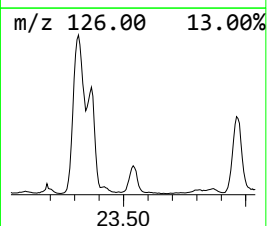
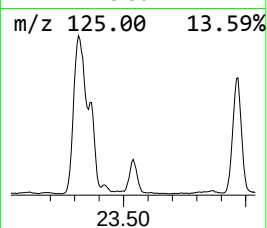
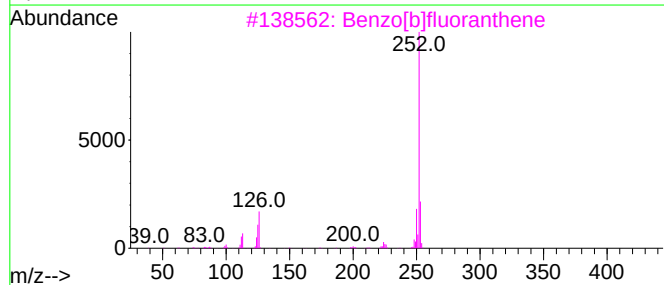
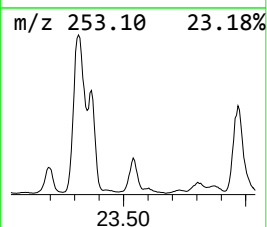
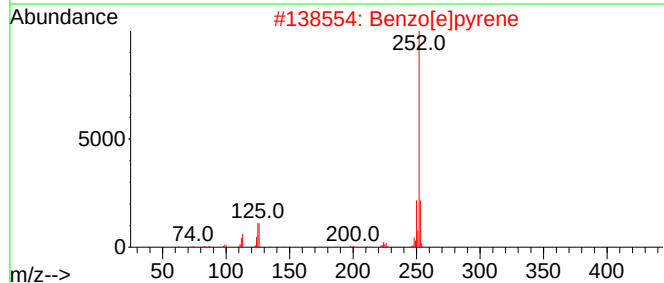
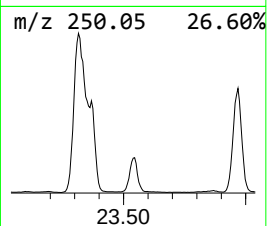
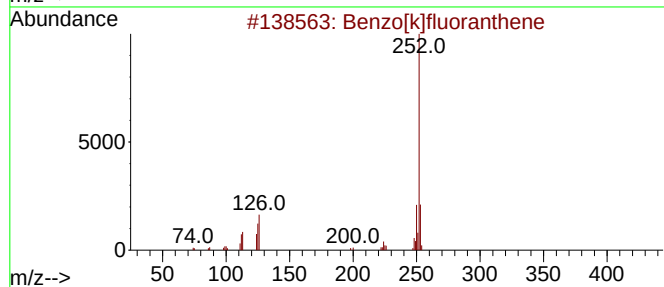
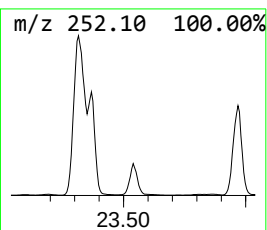
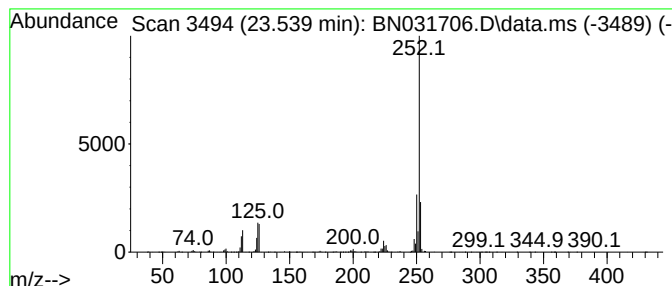
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.539	5.33 ng/ul	1561650	Perylene-d12	24.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2			Benzo[e]pyrene	252	C20H12	000192-97-2	95
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH6A7

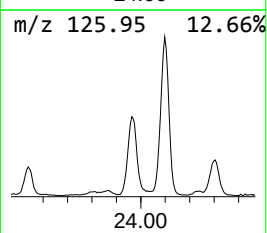
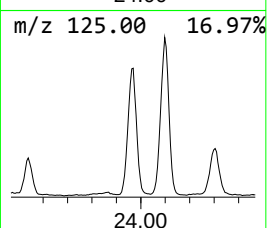
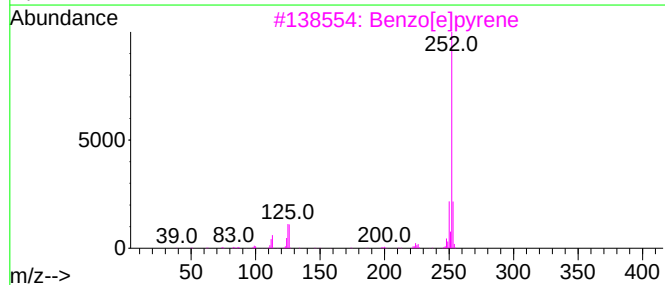
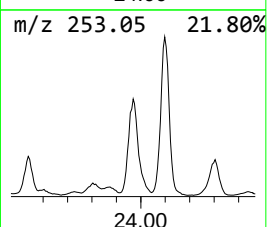
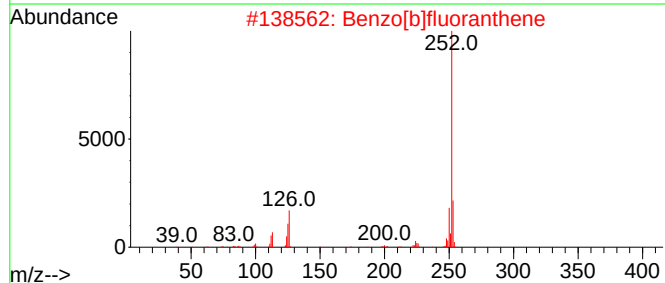
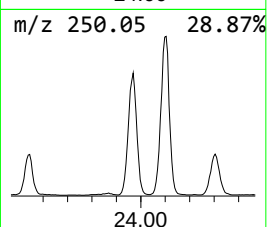
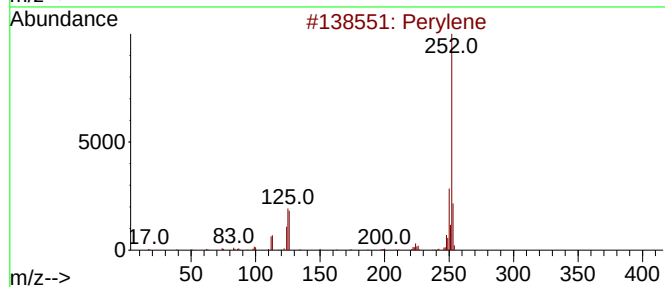
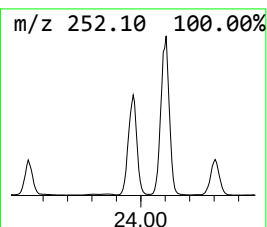
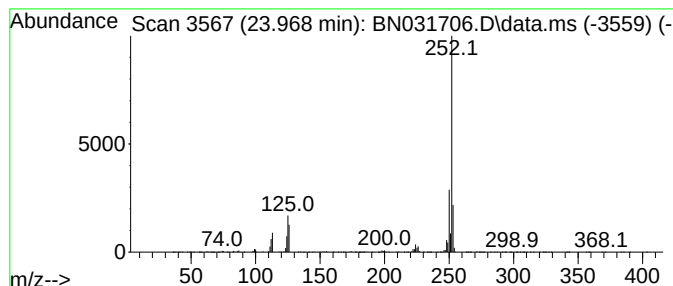
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 34 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.968	16.99 ng/ul	4977630	Perylene-d12	24.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
3			Benzo[e]pyrene	252	C20H12	000192-97-2	98
4			Benzo[a]pyrene	252	C20H12	000050-32-8	96
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

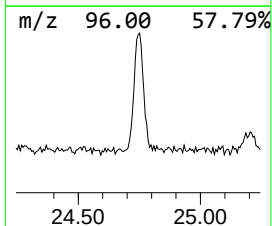
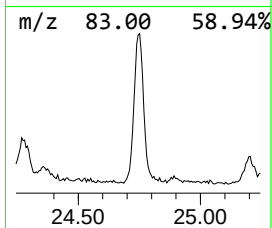
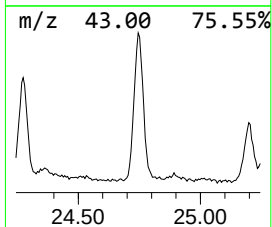
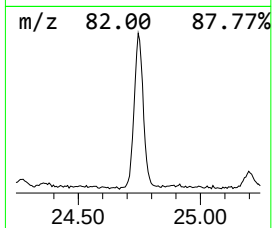
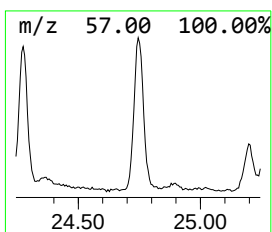
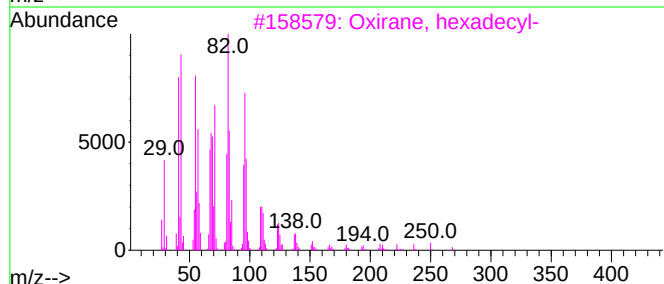
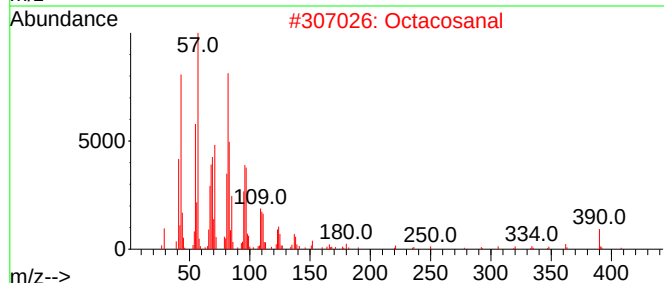
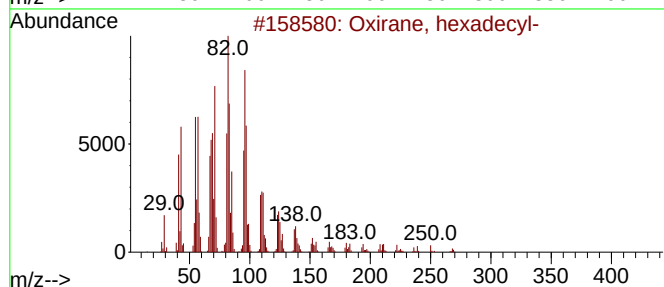
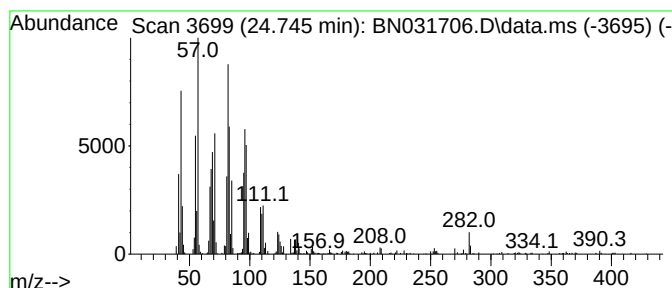
Instrument :
BNA_N
ClientSampleId :
BH6A7

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 35 Oxirane, hexadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.745	5.04 ng/ul	1476830	Perylene-d12	24.239	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2	Octacosanal	408	C28H56O	022725-64-0	74
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	68
4	Octadecanal	268	C18H36O	000638-66-4	64
5	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH6A7

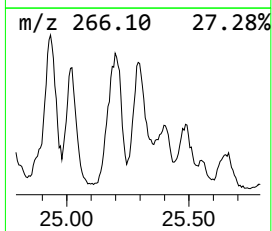
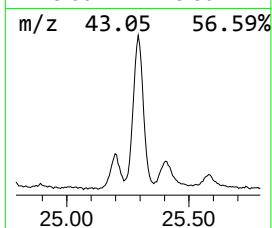
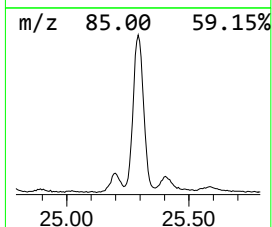
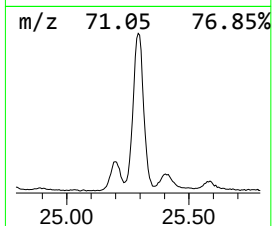
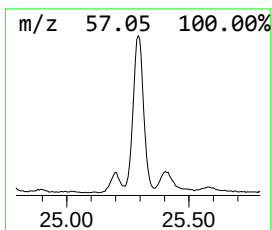
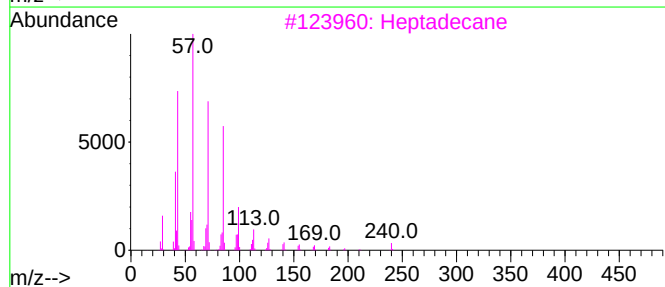
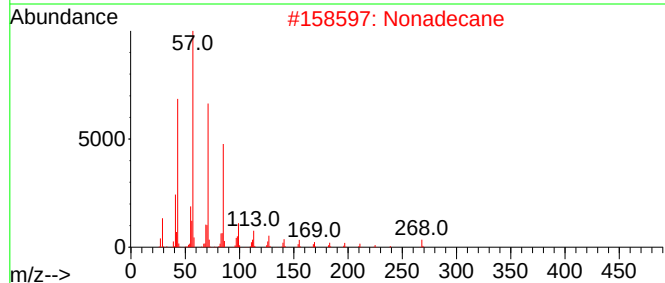
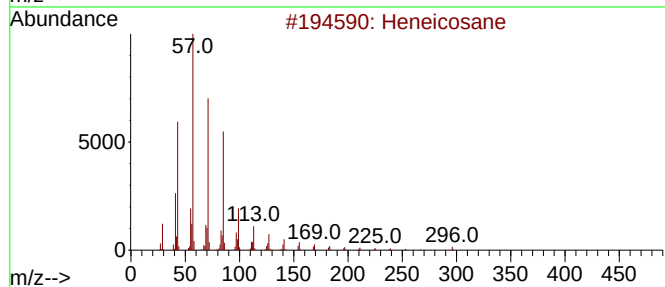
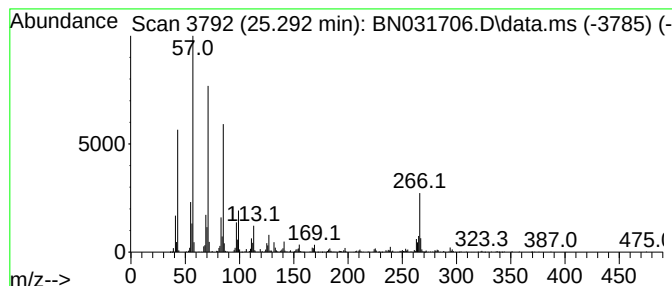
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.292	6.52 ng/ul	1909550	Perylene-d12	24.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	98
2		Nonadecane	268	C19H40	000629-92-5	94
3		Heptadecane	240	C17H36	000629-78-7	94
4		Eicosane	282	C20H42	000112-95-8	93
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031706.D
Acq On : 30 May 2024 03:49
Operator : MA/JU
Sample : P2569-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH6A7

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	13.646	2.5	ng/ul	770656	3	14.322	6166070	20.0
[1,1'-Biphenyl]...	15.669	2.8	ng/ul	872509	3	14.322	6166070	20.0
2,4,6-Cyclohept...	15.816	3.5	ng/ul	1194600	4	17.069	6764810	20.0
9H-Fluorene, 1-...	16.375	2.3	ng/ul	772972	4	17.069	6764810	20.0
9H-Fluoren-9-one	16.722	4.1	ng/ul	1395250	4	17.069	6764810	20.0
2-Propanol, 1-c...	16.839	2.9	ng/ul	985243	4	17.069	6764810	20.0
Dibenzothiophene	16.887	5.0	ng/ul	1693830	4	17.069	6764810	20.0
Naphthalene, 1-...	17.592	2.2	ng/ul	736474	4	17.069	6764810	20.0
2-Methyldibenzo...	17.645	2.9	ng/ul	973184	4	17.069	6764810	20.0
Phenanthrene, 2...	17.945	11.1	ng/ul	3742460	4	17.069	6764810	20.0
Anthracene, 2-m...	17.992	15.3	ng/ul	5165360	4	17.069	6764810	20.0
Phenanthrene, 4...	18.069	3.9	ng/ul	1321580	4	17.069	6764810	20.0
4H-Cyclopenta[d...	18.139	15.4	ng/ul	5220030	4	17.069	6764810	20.0
1H-Cyclopropa[1...	18.175	5.5	ng/ul	1856110	4	17.069	6764810	20.0
Naphthalene, 2-...	18.451	8.8	ng/ul	2987100	4	17.069	6764810	20.0
9,10-Anthracene...	18.486	5.1	ng/ul	1732910	4	17.069	6764810	20.0
Phenanthrene, 2...	18.863	5.6	ng/ul	1905770	4	17.069	6764810	20.0
Acephenanthryle...	18.928	4.2	ng/ul	1415160	4	17.069	6764810	20.0
Cyclopenta(def)...	19.010	7.0	ng/ul	2384320	4	17.069	6764810	20.0
Pyrene, 1-methyl-	19.816	3.2	ng/ul	3590440	5	21.304	22586800	20.0
11H-Benzo[a]flu...	19.986	2.4	ng/ul	2681970	5	21.304	22586800	20.0
Fluoranthene, 2...	20.145	2.8	ng/ul	3172950	5	21.304	22586800	20.0
11H-Benzo[a]flu...	20.739	2.9	ng/ul	3245470	5	21.304	22586800	20.0
Benzo[b]naphtho...	20.904	3.0	ng/ul	3438970	5	21.304	22586800	20.0
Cyclopenta[cd]p...	20.992	3.6	ng/ul	4043380	5	21.304	22586800	20.0
7H-Benz[de]anth...	21.051	3.2	ng/ul	3595020	5	21.304	22586800	20.0
Triphenylene, 2...	21.974	2.3	ng/ul	2535970	5	21.304	22586800	20.0
(DEL) Alkane: S...	22.057	2.3	ng/ul	2588190	5	21.304	22586800	20.0
(DEL) Alkane: S...	23.421	9.6	ng/ul	2797240	6	24.239	5858960	20.0
Benzo[e]pyrene	23.539	5.3	ng/ul	1561650	6	24.239	5858960	20.0
Perylene	23.968	17.0	ng/ul	4977630	6	24.239	5858960	20.0
Oxirane, hexade...	24.745	5.0	ng/ul	1476830	6	24.239	5858960	20.0
(DEL) Alkane: S...	25.292	6.5	ng/ul	1909550	6	24.239	5858960	20.0