

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031641.D
 Acq On : 23 May 2024 20:52
 Operator : MA/JU
 Sample : P2547-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5X4

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-BN052124.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN031641.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.605	102	105	118	rBV	635198	912507	3.82%	0.293%
2	6.852	649	657	668	rBV	927461	1550840	6.50%	0.498%
3	7.028	680	687	697	rBV	794145	1279652	5.36%	0.411%
4	7.222	710	720	728	rBV	977687	1595125	6.69%	0.512%
5	7.687	790	799	808	rBV	1401181	2296646	9.63%	0.737%
6	8.387	911	918	926	rBV	1068572	1693996	7.10%	0.544%
7	8.846	989	996	1004	rBV	825949	1384839	5.80%	0.444%
8	9.558	1104	1117	1127	rBV	600090	1014934	4.25%	0.326%
9	10.093	1199	1208	1219	rBV	1062724	1764095	7.39%	0.566%
10	10.475	1264	1273	1278	rBV	1748986	3024514	12.68%	0.971%
11	10.522	1278	1281	1288	rVV	276700	429433	1.80%	0.138%
12	10.610	1288	1296	1311	rVV	835356	1484085	6.22%	0.476%
13	12.140	1549	1556	1564	rVB	202439	332552	1.39%	0.107%
14	13.646	1803	1812	1817	rBV	199499	362460	1.52%	0.116%
15	13.740	1824	1828	1834	rVB	1580145	2168329	9.09%	0.696%
16	14.016	1869	1875	1893	rVB3	1961615	3578886	15.00%	1.149%
17	14.328	1918	1928	1934	rVV	2262454	3478917	14.58%	1.117%
18	14.393	1934	1939	1946	rVV	959254	1477929	6.19%	0.474%
19	14.522	1955	1961	1972	rVV2	661985	1234938	5.18%	0.396%
20	14.728	1990	1996	2004	rVV	738573	1139862	4.78%	0.366%
21	15.322	2090	2097	2102	rVV	2504819	3626305	15.20%	1.164%
22	15.375	2102	2106	2112	rVV	1017823	1495116	6.27%	0.480%
23	15.440	2112	2117	2121	rVV	399425	632450	2.65%	0.203%
24	15.669	2152	2156	2166	rVB	351357	551123	2.31%	0.177%
25	15.816	2176	2181	2189	rVB	365910	754437	3.16%	0.242%
26	16.381	2265	2277	2281	rVV4	272953	771325	3.23%	0.248%
27	16.610	2307	2316	2319	rVV3	200549	412217	1.73%	0.132%
28	16.651	2319	2323	2326	rVV2	232368	372321	1.56%	0.120%
29	16.728	2331	2336	2343	rVB	774541	1188257	4.98%	0.381%
30	16.828	2351	2353	2359	rVV3	297154	485632	2.04%	0.156%
31	16.892	2359	2364	2374	rVB	704106	1085087	4.55%	0.348%
32	17.075	2389	2395	2398	rBV	2565046	3979657	16.68%	1.277%
33	17.116	2398	2402	2407	rVV	12312591	18032072	75.58%	5.788%
34	17.169	2407	2411	2414	rVV	2772824	4120858	17.27%	1.323%
35	17.204	2414	2417	2423	rVV	2914231	4036810	16.92%	1.296%
36	17.263	2423	2427	2433	rVB2	315757	492076	2.06%	0.158%

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Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Title : SVOA CALIBRATION

37	17.475	2453	2463	2468	rBV2	1407920	2491819	10.44%	0.800%
38	17.592	2479	2483	2489	rBV2	224267	349616	1.47%	0.112%
39	17.651	2489	2493	2503	rVB4	272151	433054	1.82%	0.139%
40	17.945	2534	2543	2547	rBV	1589675	2628995	11.02%	0.844%
41	17.992	2547	2551	2558	rVB	2376649	3555744	14.90%	1.141%
42	18.075	2558	2565	2570	rBV2	799716	1170947	4.91%	0.376%
43	18.139	2570	2576	2580	rBV3	2131304	3963332	16.61%	1.272%
44	18.175	2580	2582	2589	rVB	1061862	1397153	5.86%	0.448%
45	18.451	2624	2629	2632	rVV	1270471	1679637	7.04%	0.539%
46	18.492	2632	2636	2641	rVB	1178795	1656500	6.94%	0.532%
47	18.698	2667	2671	2675	rVV2	469874	709186	2.97%	0.228%
48	18.745	2675	2679	2682	rVV	400951	535659	2.25%	0.172%
49	18.786	2682	2686	2690	rVB	392558	496756	2.08%	0.159%
50	18.869	2695	2700	2705	rVV2	981275	1650535	6.92%	0.530%
51	18.933	2705	2711	2714	rVV3	516987	1139491	4.78%	0.366%
52	18.963	2714	2716	2719	rVV	366042	393448	1.65%	0.126%
53	19.010	2719	2724	2732	rVB	975650	1656322	6.94%	0.532%
54	19.133	2739	2745	2752	rVB	16162143	23856870	100.00%	7.657%
55	19.333	2774	2779	2782	rBV2	351531	624904	2.62%	0.201%
56	19.375	2782	2786	2790	rVB	549915	774070	3.24%	0.248%
57	19.469	2796	2802	2804	rBV3	6063179	9414072	39.46%	3.022%
58	19.498	2804	2807	2815	rVV	14052675	20151848	84.47%	6.468%
59	19.569	2815	2819	2823	rVV2	806984	1165644	4.89%	0.374%
60	19.616	2823	2827	2831	rVV	797518	975211	4.09%	0.313%
61	19.675	2833	2837	2842	rVV	946887	1341529	5.62%	0.431%
62	19.733	2843	2847	2853	rVB	910498	1376329	5.77%	0.442%
63	19.822	2856	2862	2868	rBV3	1136807	2810742	11.78%	0.902%
64	19.957	2880	2885	2887	rBV5	819037	1380650	5.79%	0.443%
65	19.992	2887	2891	2895	rVB	1993562	2958040	12.40%	0.949%
66	20.092	2904	2908	2911	rBV	1081052	1383932	5.80%	0.444%
67	20.145	2911	2917	2922	rVV2	1592729	3045488	12.77%	0.978%
68	20.192	2922	2925	2928	rVV	499596	649053	2.72%	0.208%
69	20.233	2928	2932	2937	rVV4	419478	730309	3.06%	0.234%
70	20.292	2938	2942	2945	rVV	947049	1340093	5.62%	0.430%
71	20.333	2945	2949	2954	rVV2	1047424	1752325	7.35%	0.562%
72	20.404	2958	2961	2965	rVB	598197	644361	2.70%	0.207%
73	20.563	2983	2988	2991	rBV	724417	1248232	5.23%	0.401%
74	20.739	3014	3018	3025	rVB	1972233	2881016	12.08%	0.925%
75	20.910	3040	3047	3051	rBV2	1551085	3093549	12.97%	0.993%
76	20.951	3051	3054	3058	rVV	1611568	2395777	10.04%	0.769%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF Filtering: 5
 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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 Peak separation: 5

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77	20.998	3058	3062	3067	rVV2	1822216	3679214	15.42%	1.181%
78	21.051	3067	3071	3083	rVB	2085900	3606263	15.12%	1.158%
79	21.222	3097	3100	3103	rBV2	453509	548608	2.30%	0.176%
80	21.292	3103	3112	3118	rVV3	9830716	20784555	87.12%	6.671%
81	21.351	3118	3122	3133	rVB	7752910	12273144	51.44%	3.939%
82	21.486	3141	3145	3152	rBV	991007	1703613	7.14%	0.547%
83	21.680	3172	3178	3184	rBV3	1063704	2109119	8.84%	0.677%
84	21.733	3185	3187	3192	rVB4	315365	458286	1.92%	0.147%
85	21.910	3214	3217	3220	rBV	282032	349384	1.46%	0.112%
86	21.974	3221	3228	3234	rVV	1379552	2694126	11.29%	0.865%
87	22.045	3235	3240	3247	rVB	871185	1537334	6.44%	0.493%
88	22.227	3267	3271	3275	rBV	589749	1012391	4.24%	0.325%
89	22.269	3275	3278	3286	rVB3	672120	1088926	4.56%	0.350%
90	22.363	3288	3294	3304	rVB4	494020	1306611	5.48%	0.419%
91	23.321	3448	3457	3464	rBV2	5545933	18101809	75.88%	5.810%
92	23.551	3490	3496	3503	rVB	1116563	2257784	9.46%	0.725%
93	23.739	3524	3528	3531	rBV2	306432	597765	2.51%	0.192%
94	23.974	3561	3568	3575	rBV	3012863	7510583	31.48%	2.411%
95	24.045	3575	3580	3584	rVV	1715860	3916361	16.42%	1.257%
96	24.110	3584	3591	3604	rVB	5297532	13019260	54.57%	4.179%
97	24.239	3606	3613	3620	rBV	1962381	5010329	21.00%	1.608%
98	24.316	3620	3626	3640	rVB2	1486991	4459546	18.69%	1.431%
99	27.557	4165	4177	4199	rVB3	2156921	10521428	44.10%	3.377%
100	28.580	4340	4351	4364	rVB	1657243	6861585	28.76%	2.202%

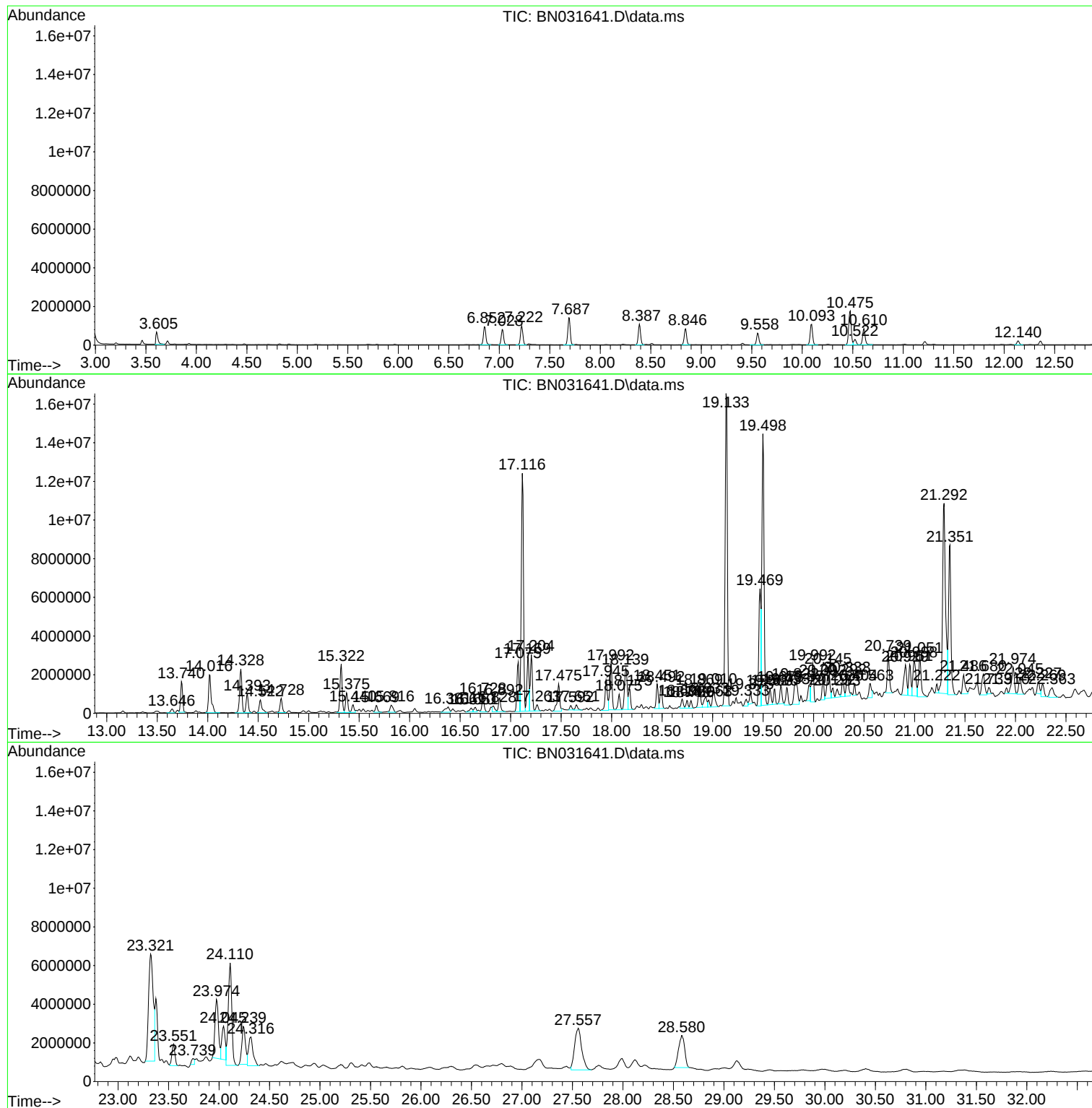
Sum of corrected areas: 311550544

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BNA_N
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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



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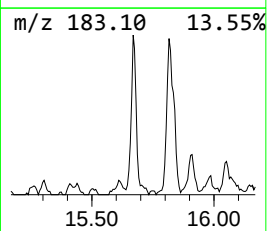
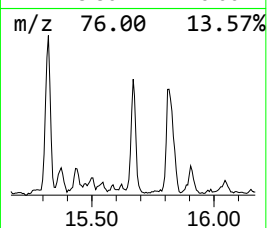
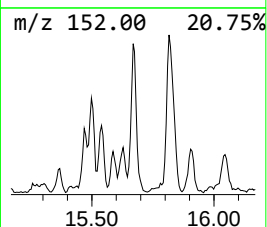
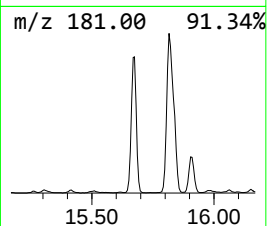
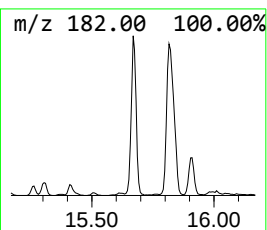
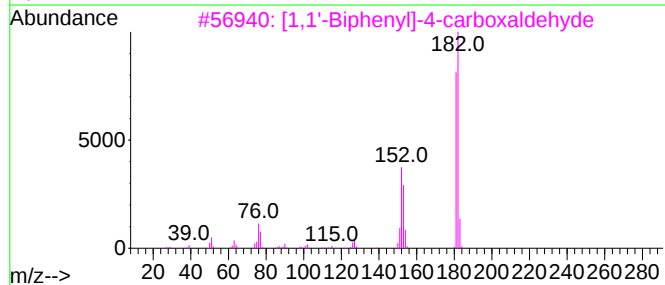
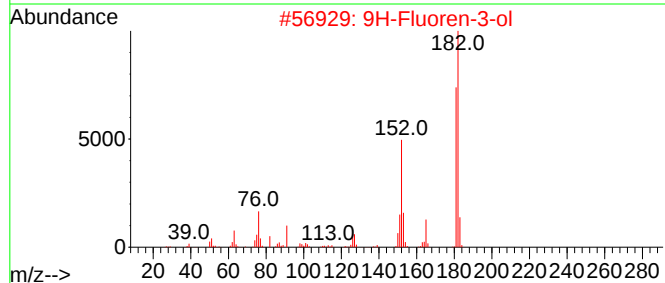
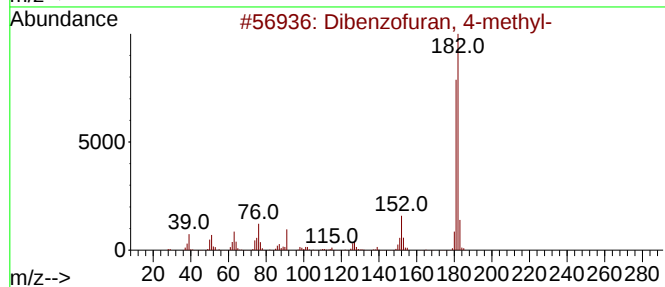
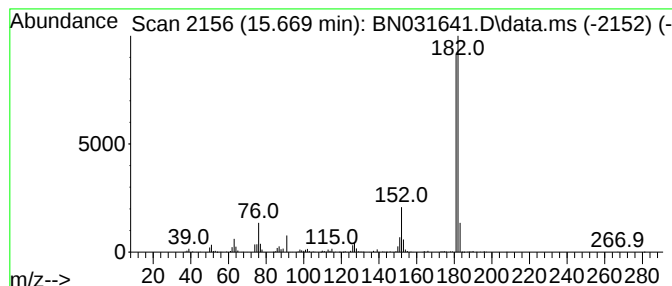
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	3.17 ng/ul	551123	Acenaphthene-d10	14.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78



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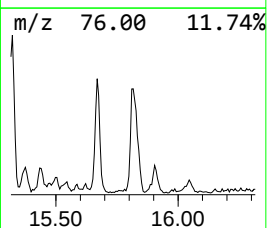
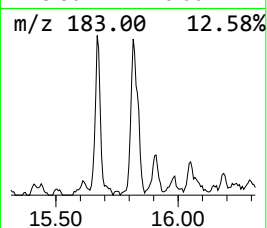
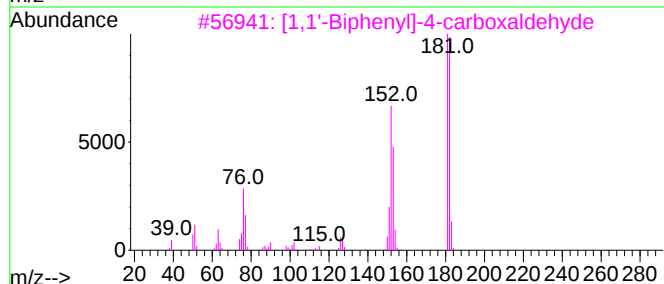
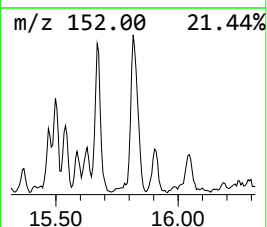
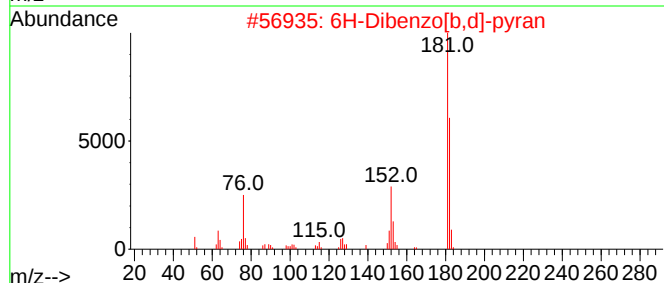
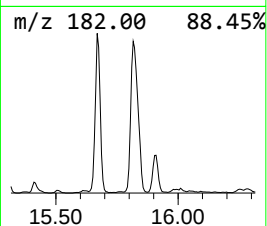
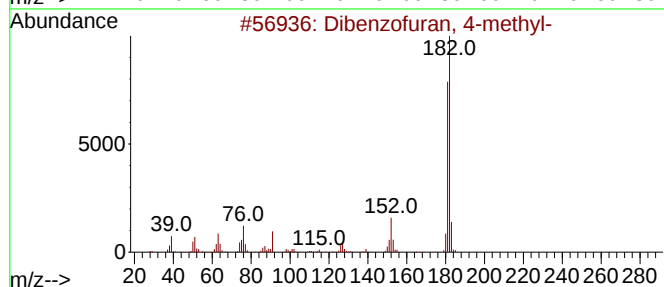
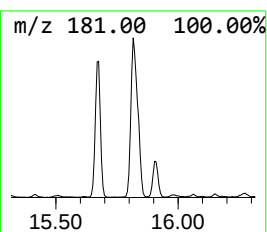
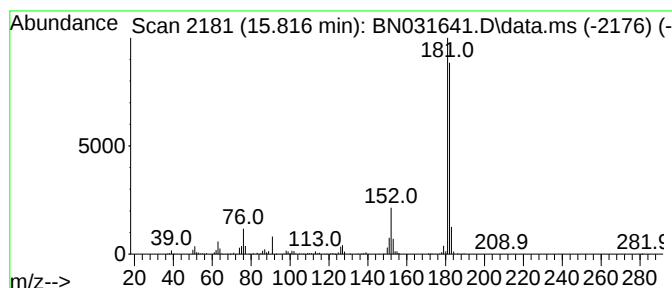
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 6H-Dibenzo[b,d]-pyran Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	3.79 ng/ul	754437	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2			6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
5			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78



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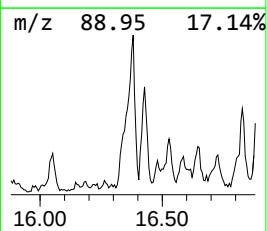
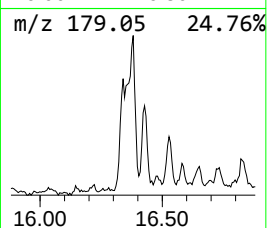
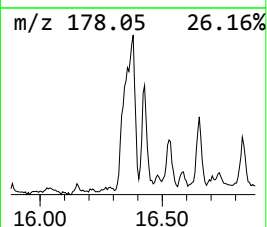
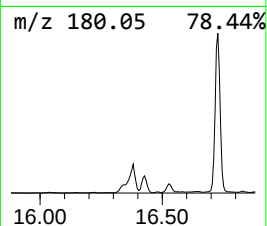
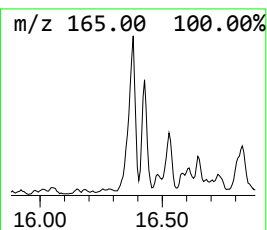
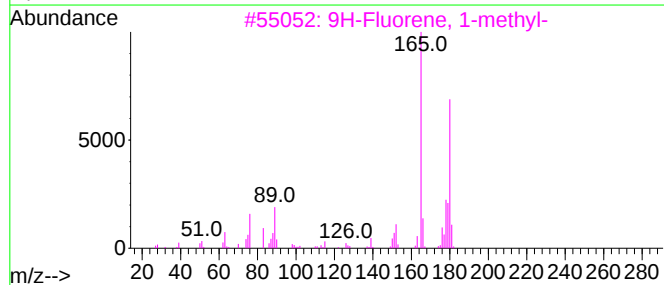
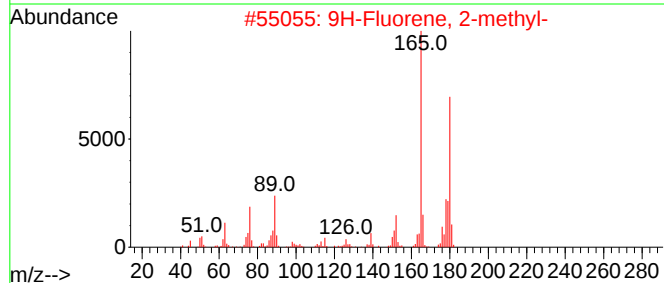
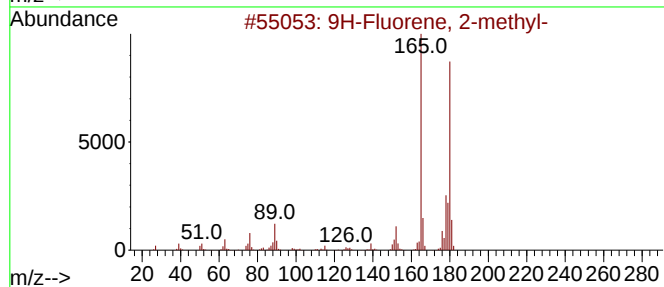
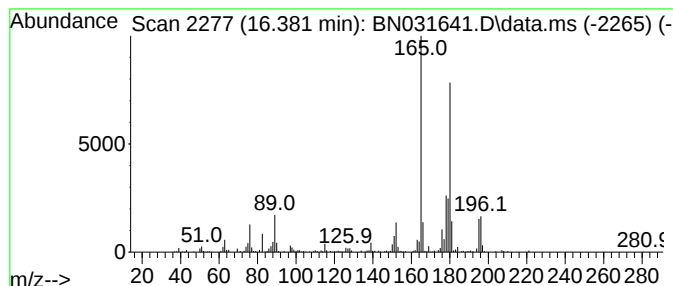
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.381	3.88 ng/ul	771325	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-			180	C14H12	001430-97-3	96
2	9H-Fluorene, 2-methyl-			180	C14H12	001430-97-3	96
3	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	95
4	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	95
5	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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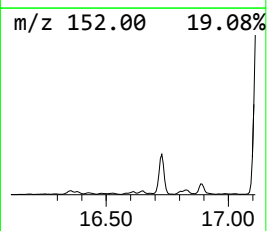
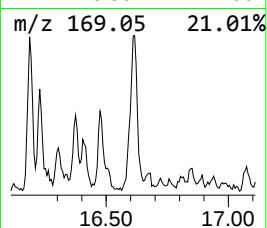
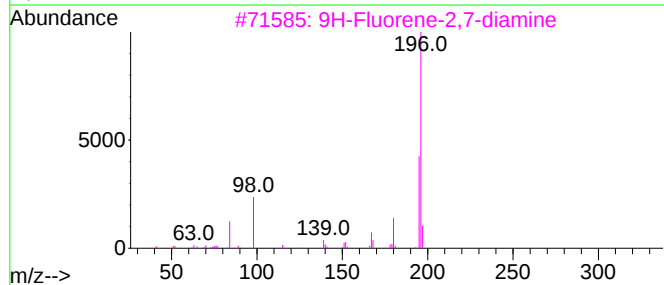
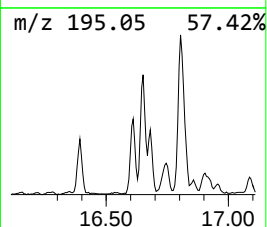
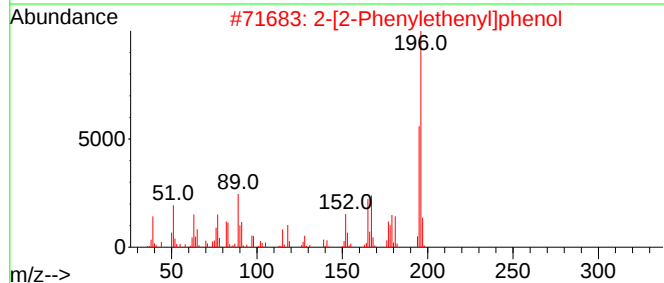
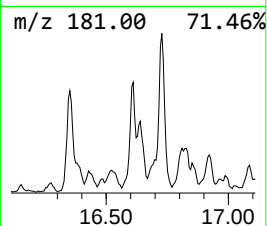
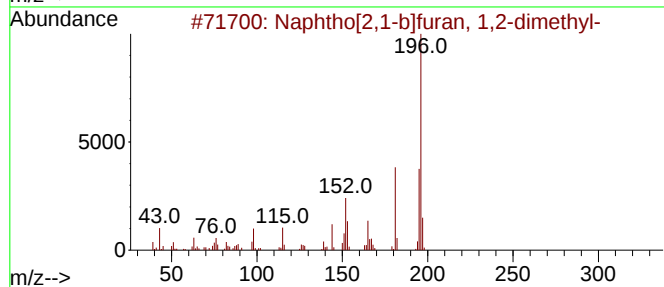
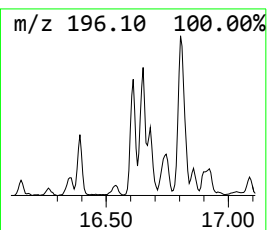
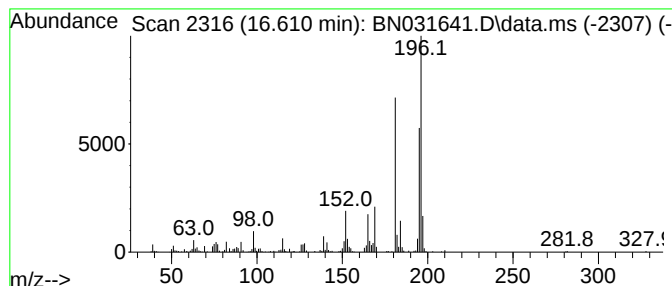
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.610	2.07 ng/ul	412217	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	60
2			2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
3			9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	49
4			Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
5			phenol, 2-[(ethylamino)methyl]-4...	196	C9H12N2O3	1000400-09-7	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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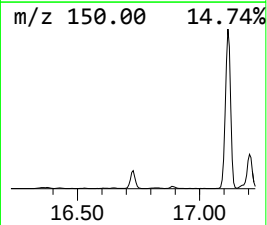
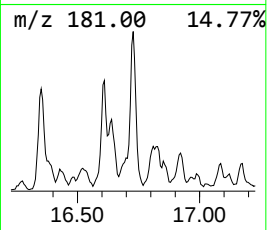
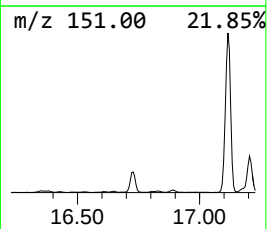
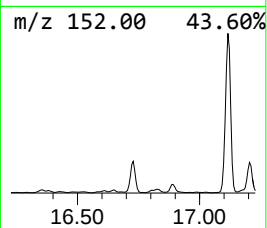
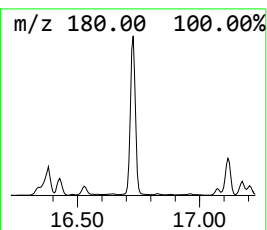
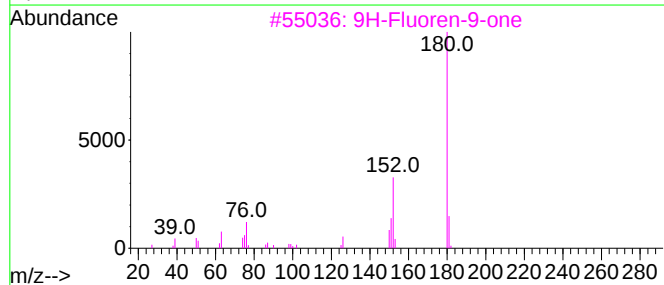
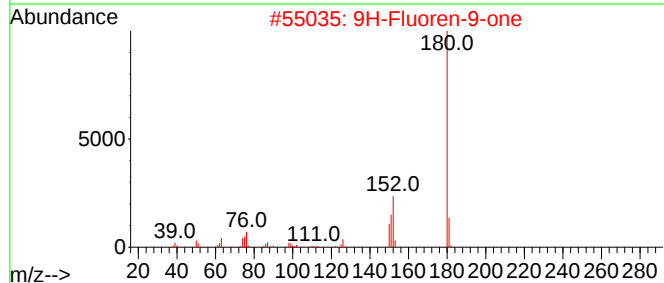
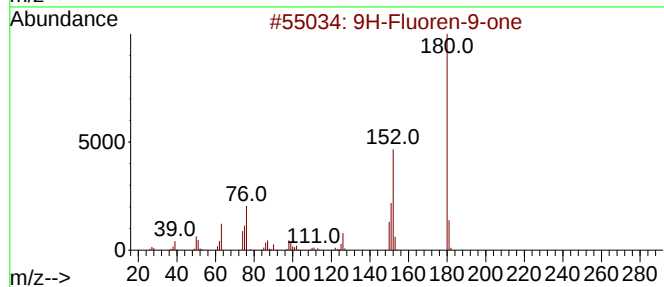
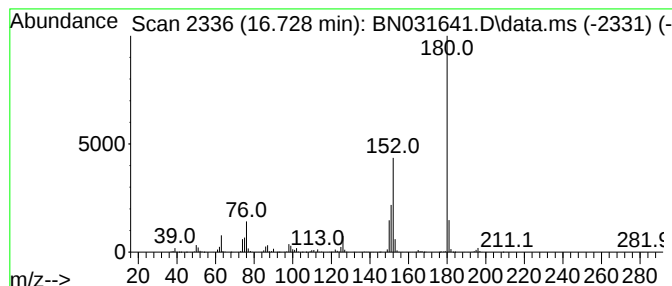
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.728	5.97 ng/ul	1188260	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	94
5	Benzo[h]cinnoline			180	C12H8N2	000230-31-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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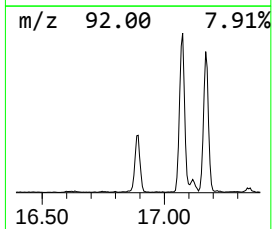
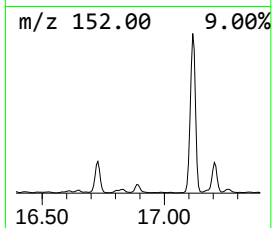
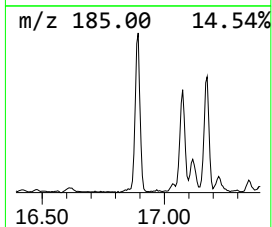
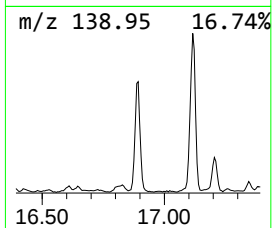
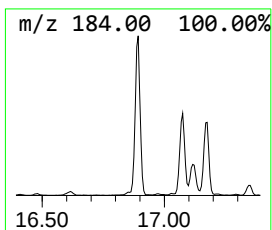
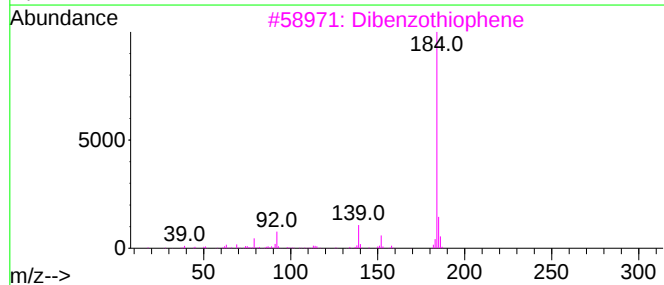
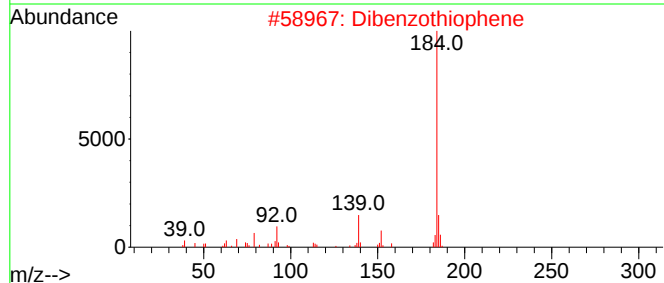
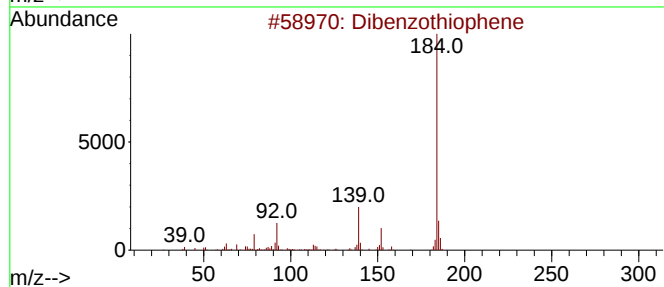
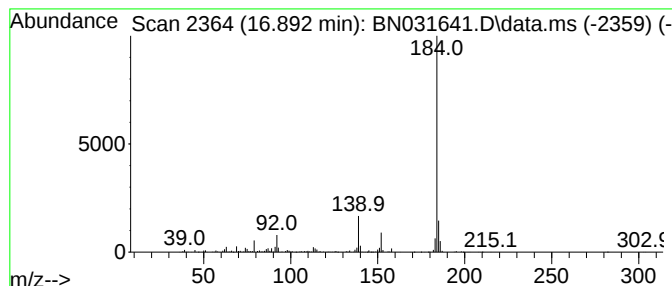
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.892	5.45 ng/ul	1085090	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	96
2			Dibenzothiophene	184	C12H8S	000132-65-0	96
3			Dibenzothiophene	184	C12H8S	000132-65-0	95
4			Dibenzothiophene	184	C12H8S	000132-65-0	94
5			Dibenzothiophene	184	C12H8S	000132-65-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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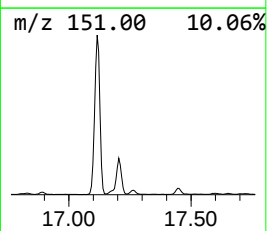
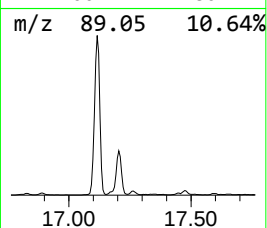
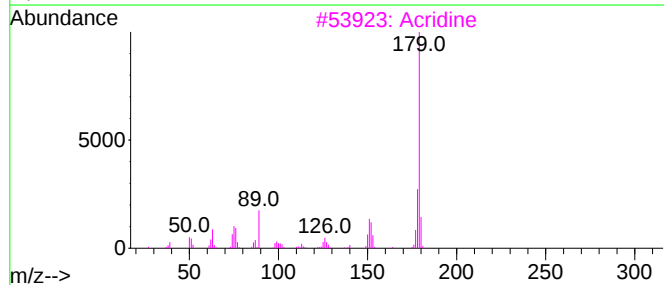
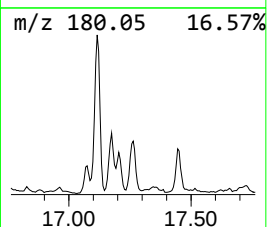
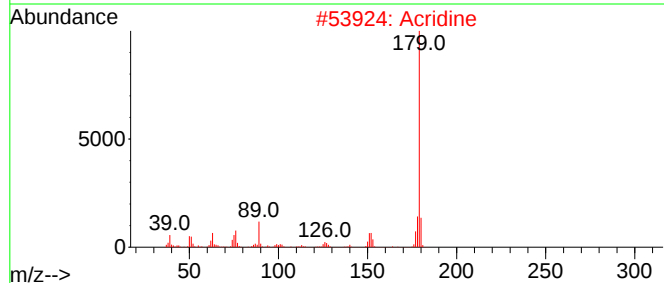
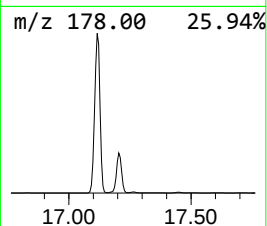
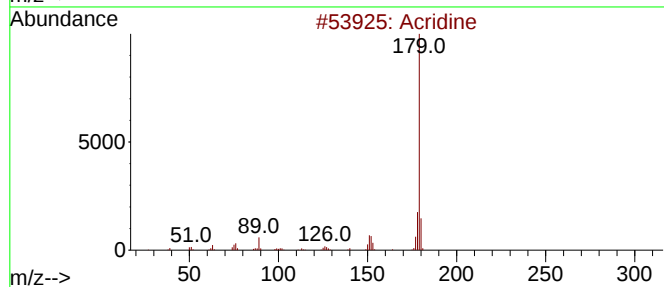
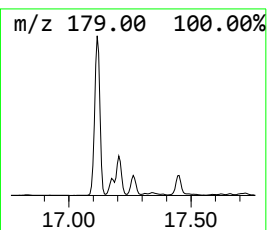
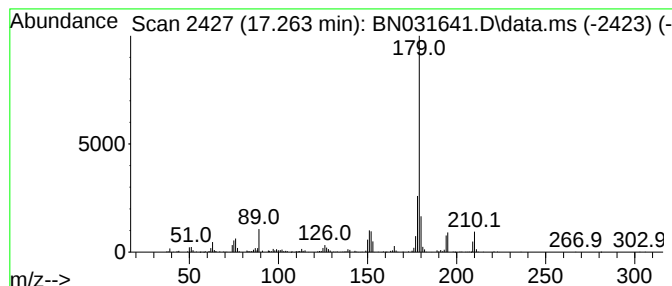
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Acridine Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.263	2.47 ng/ul	492076	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine			179	C13H9N	000260-94-6	94
2	Acridine			179	C13H9N	000260-94-6	94
3	Acridine			179	C13H9N	000260-94-6	93
4	Acridine			179	C13H9N	000260-94-6	93
5	Benzo[h]quinoline			179	C13H9N	000230-27-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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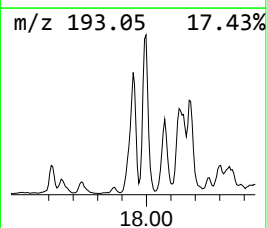
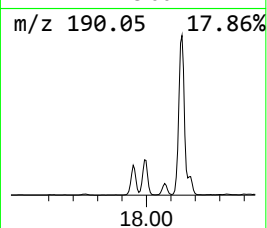
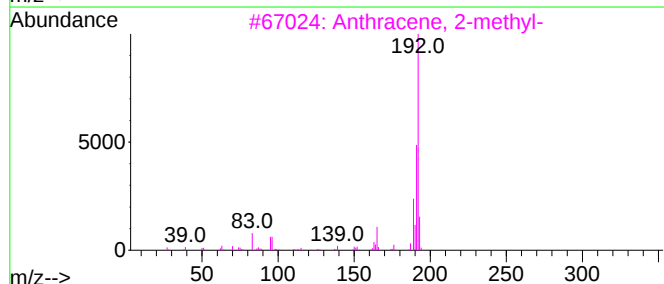
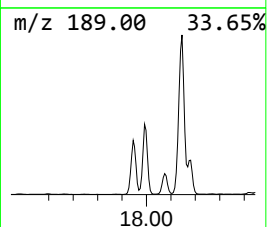
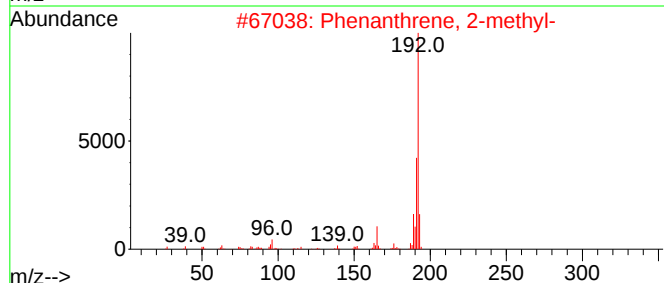
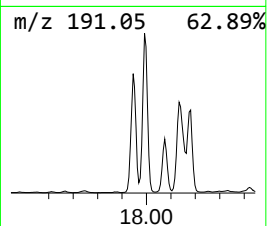
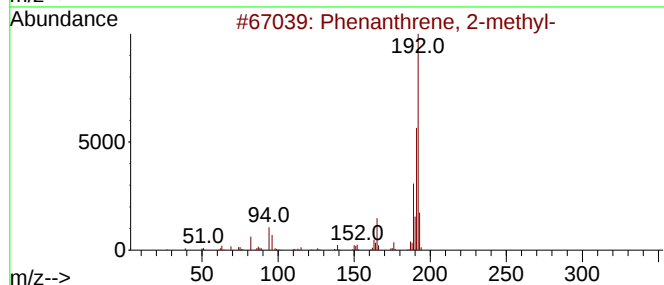
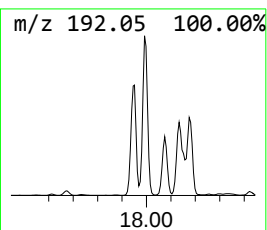
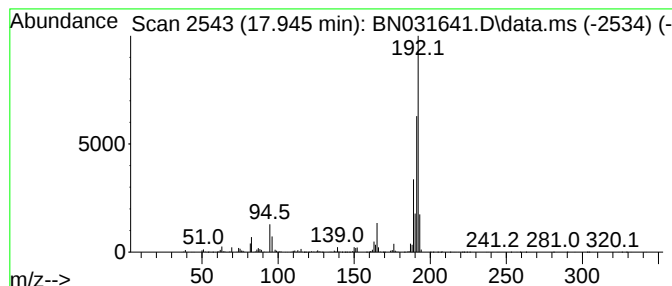
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	13.21 ng/ul	2629000	Phenanthrene-d10	17.075

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			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
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Sample : P2547-17
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ClientSampleId :
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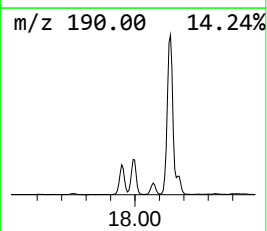
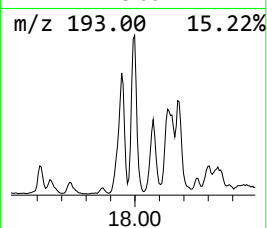
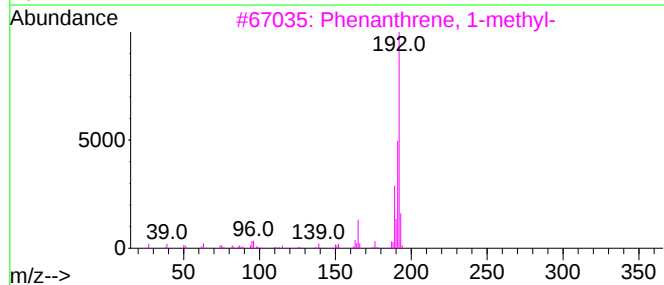
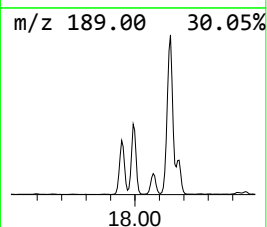
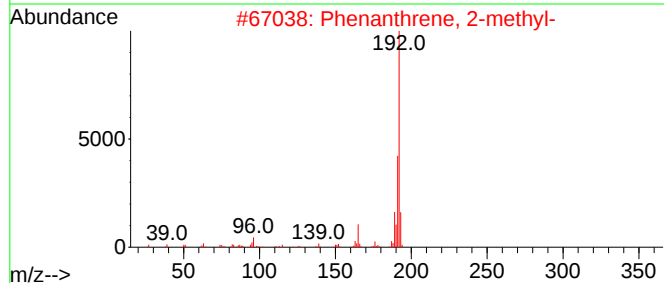
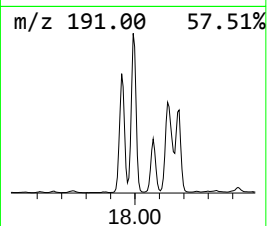
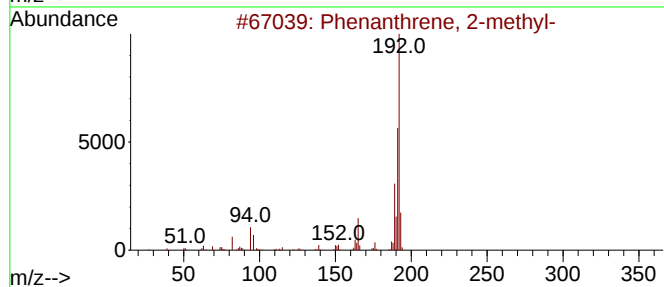
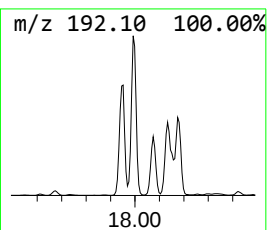
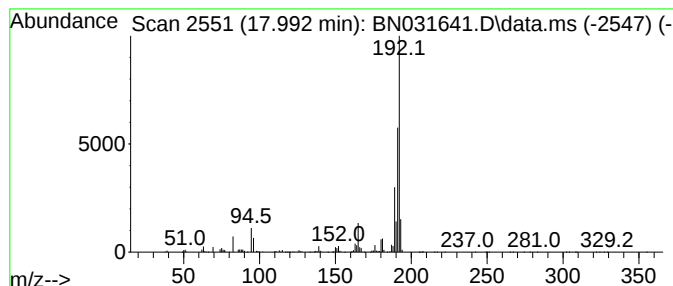
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	17.87 ng/ul	3555740	Phenanthrene-d10	17.075

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
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Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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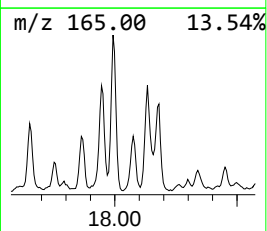
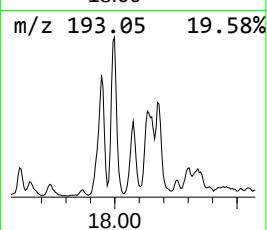
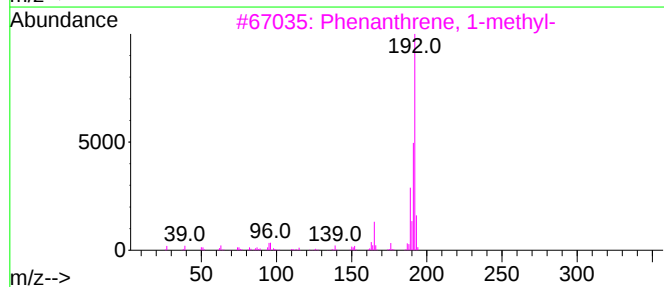
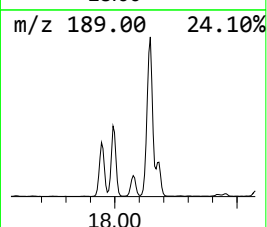
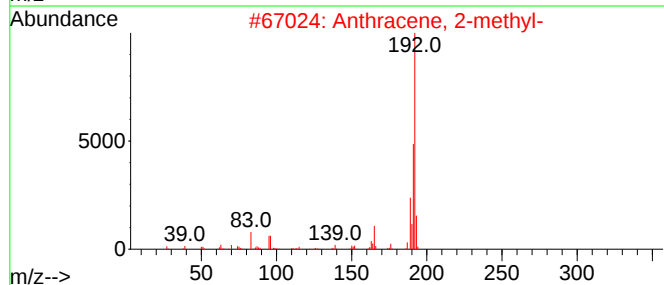
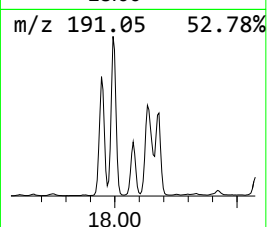
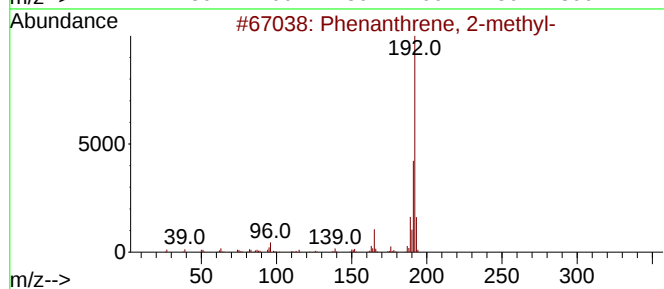
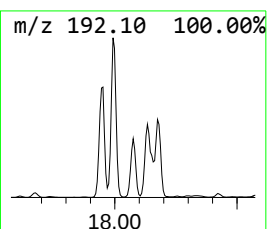
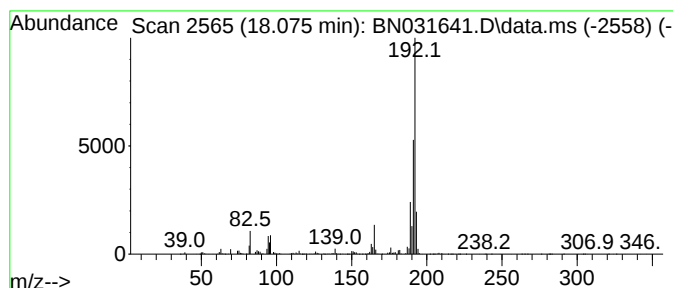
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	5.88 ng/ul	1170950	Phenanthrene-d10	17.075

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5X4

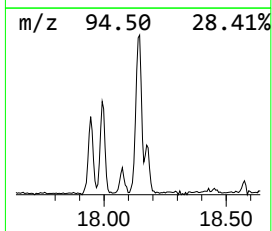
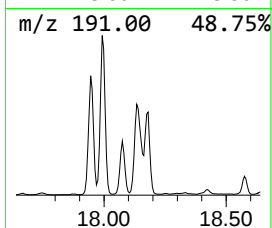
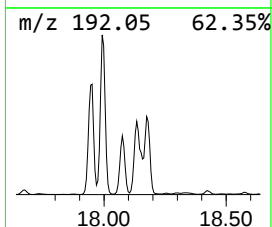
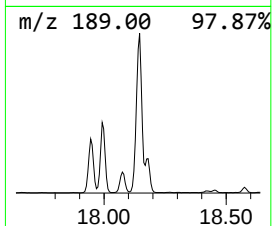
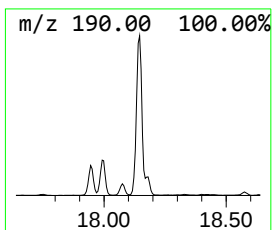
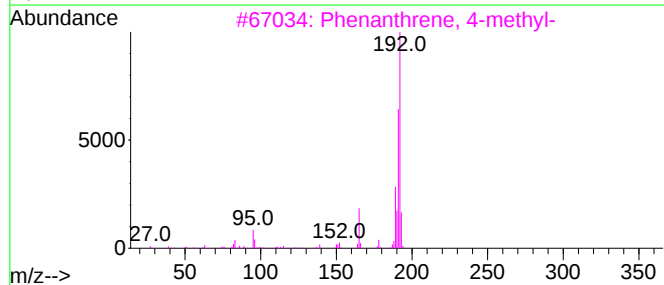
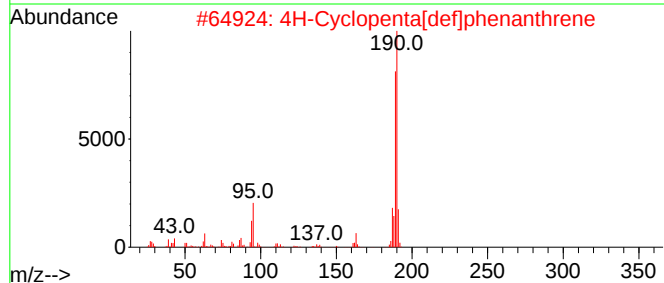
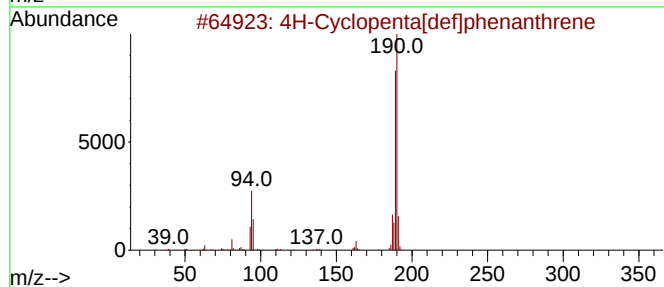
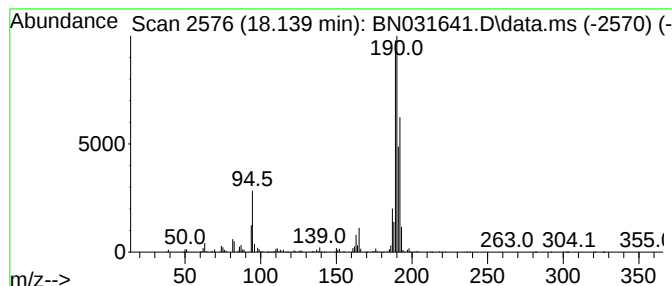
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	19.92 ng/ul	3963330	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
5			Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
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Acq On : 23 May 2024 20:52
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Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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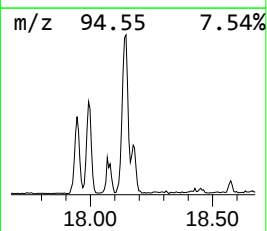
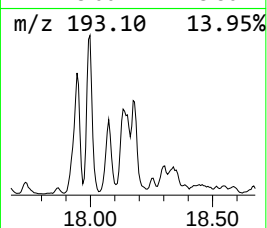
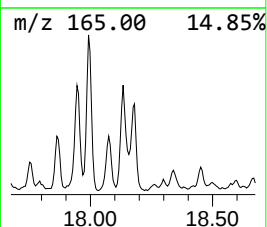
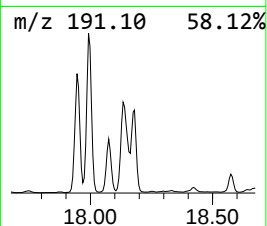
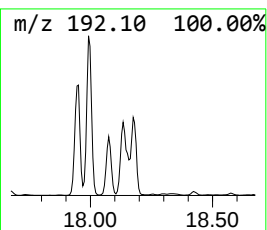
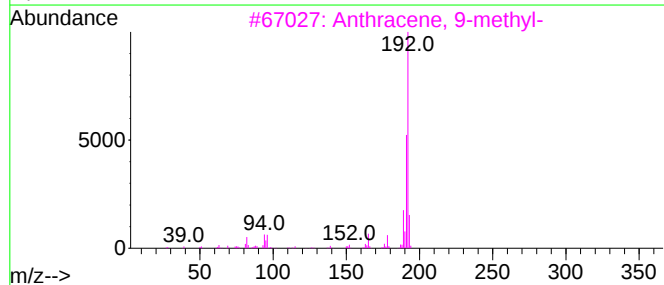
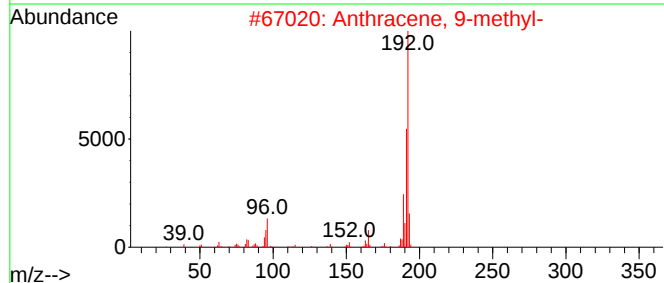
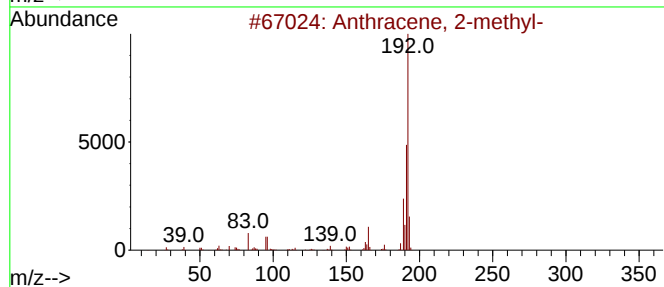
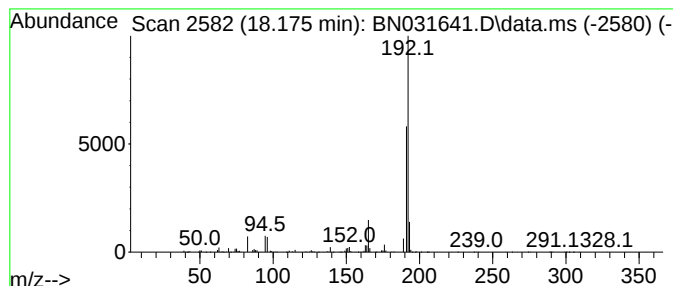
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	7.02 ng/ul	1397150	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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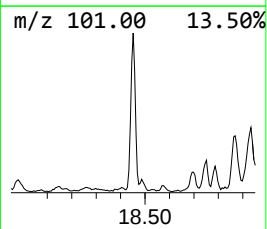
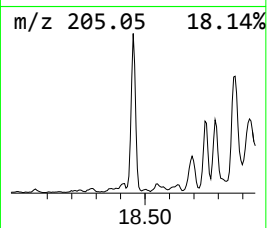
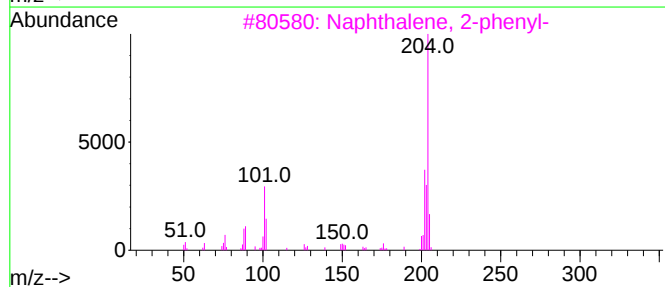
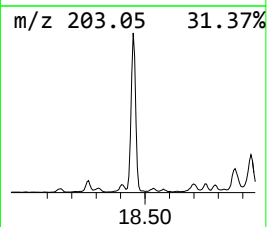
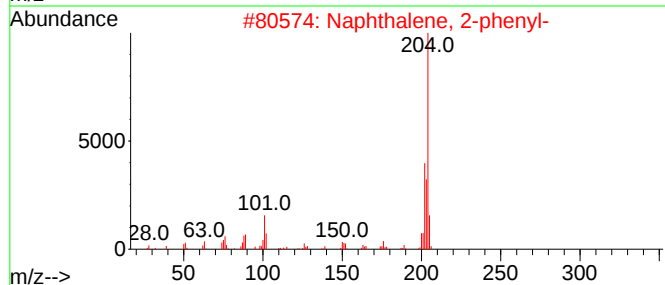
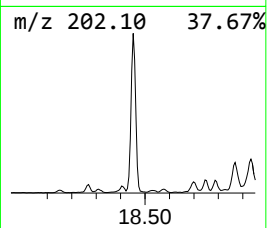
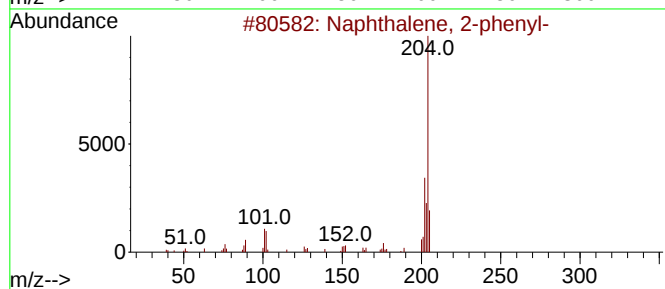
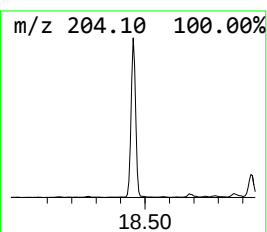
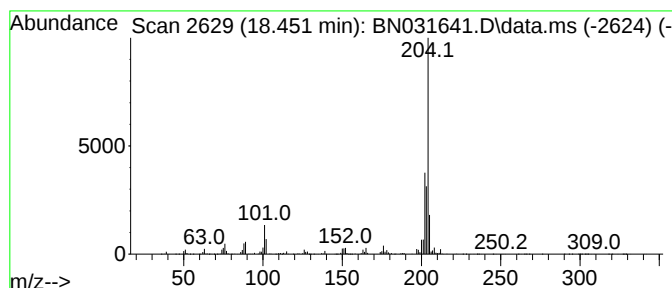
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	8.44 ng/ul	1679640	Phenanthrene-d10	17.075

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	95
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
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\BN052324\
Data File : BN031641.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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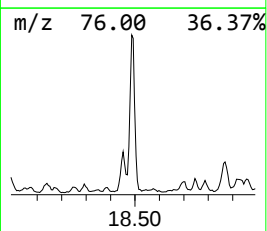
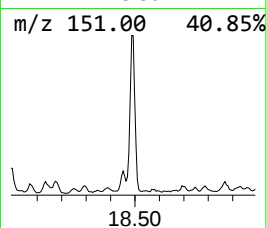
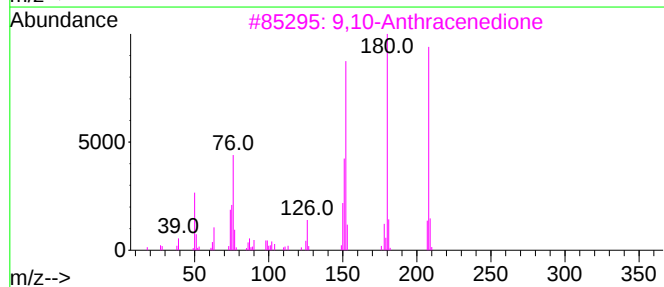
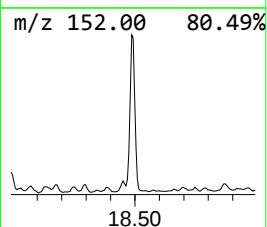
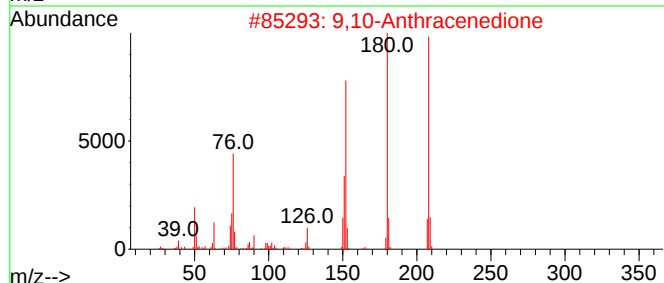
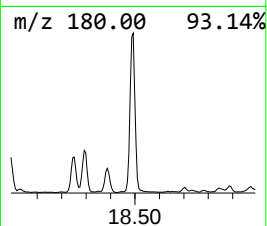
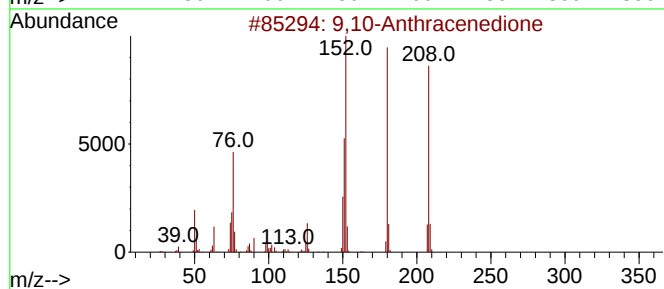
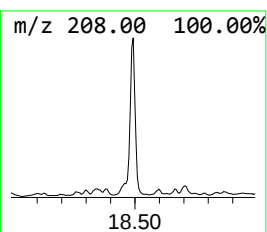
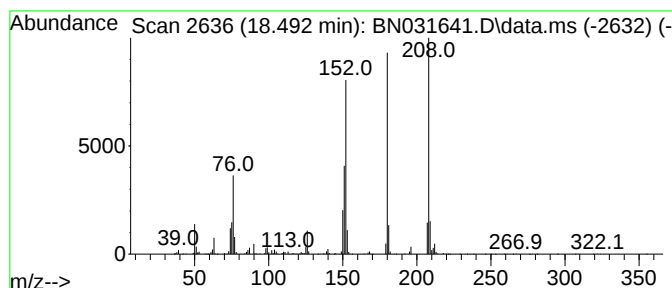
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	8.32 ng/ul	1656500	Phenanthrene-d10	17.075

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	93
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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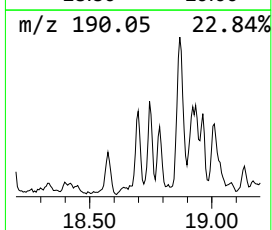
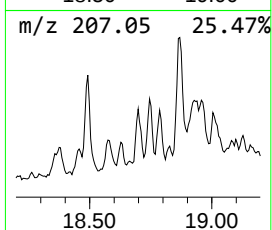
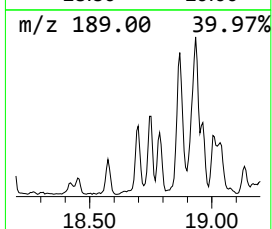
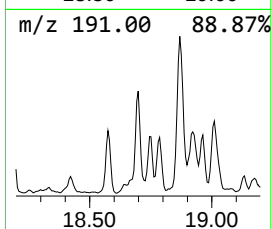
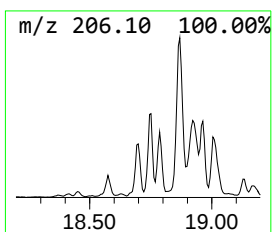
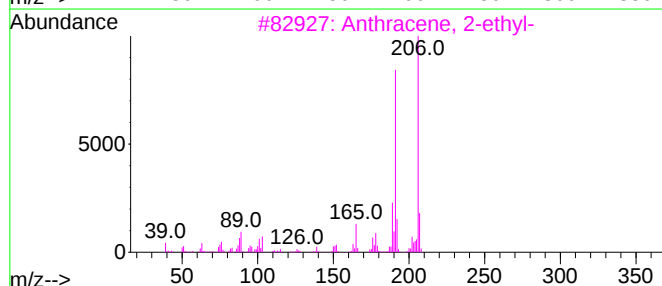
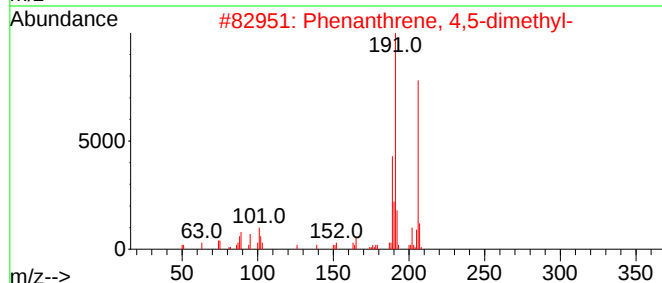
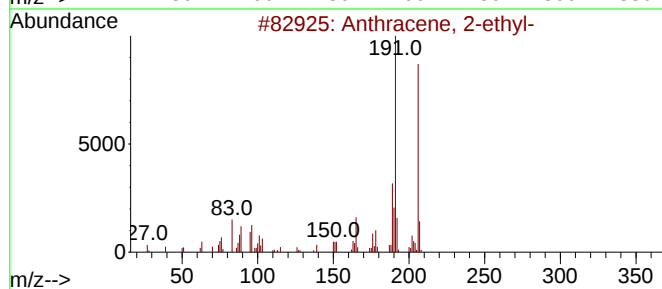
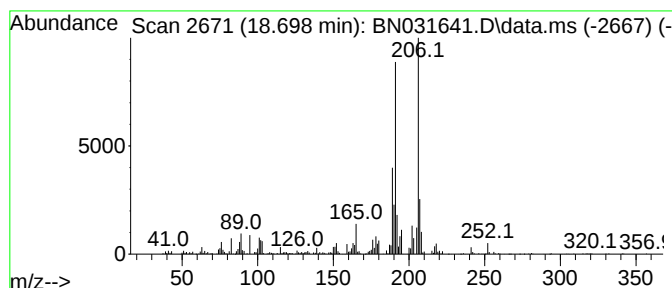
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Anthracene, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	3.56 ng/ul	709186	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	96
2			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
3			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
4			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
5			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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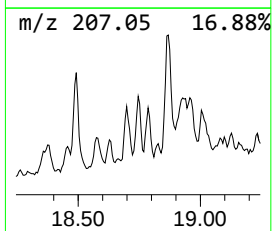
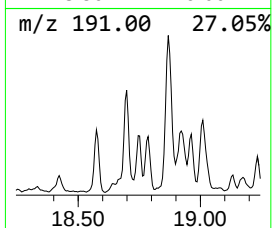
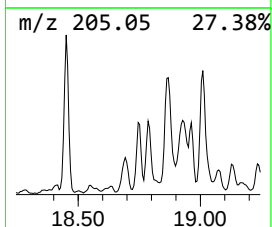
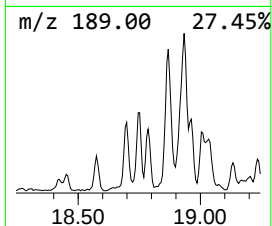
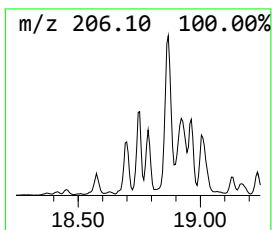
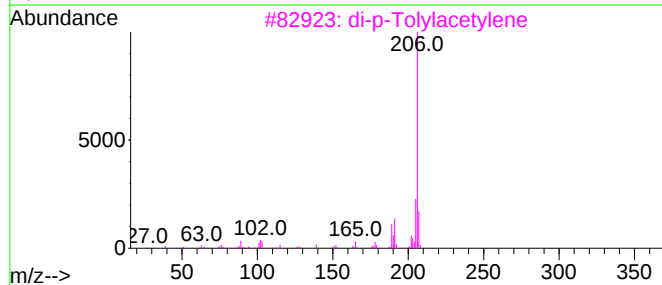
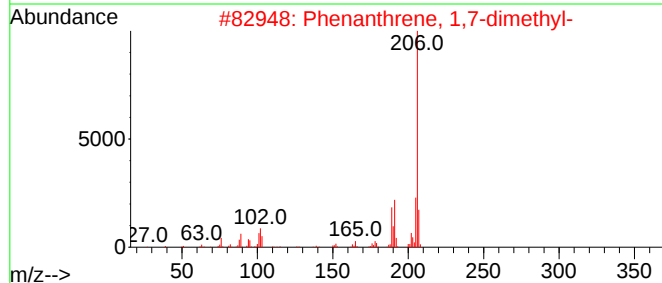
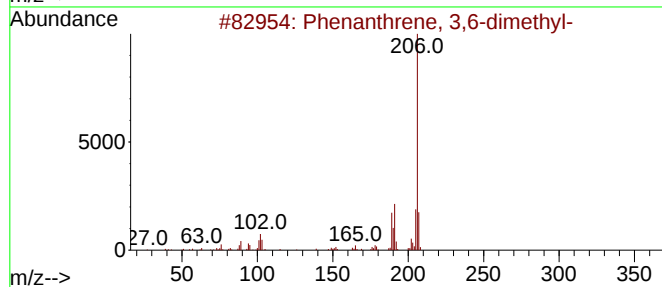
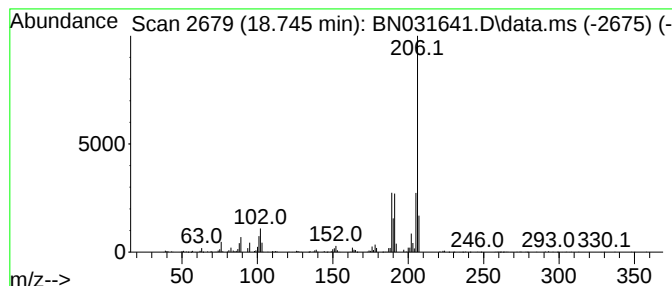
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.745	2.69 ng/ul	535659	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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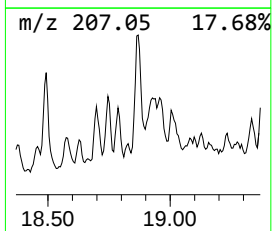
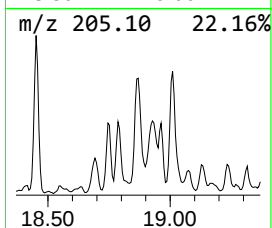
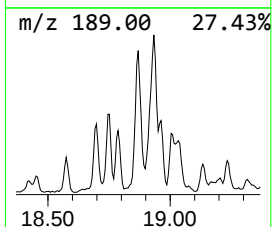
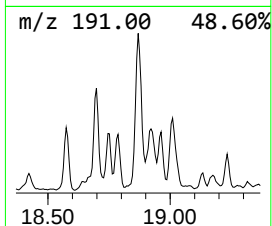
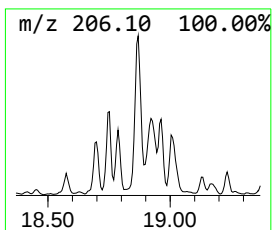
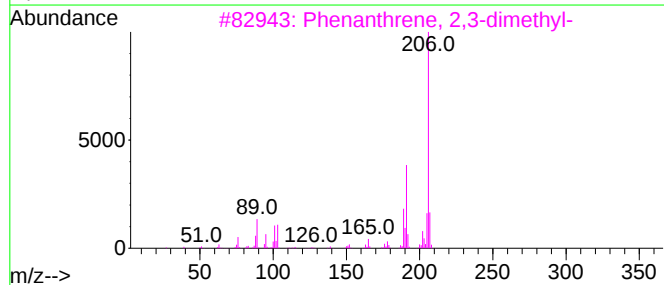
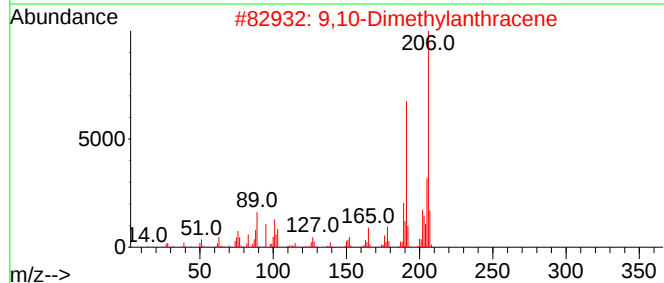
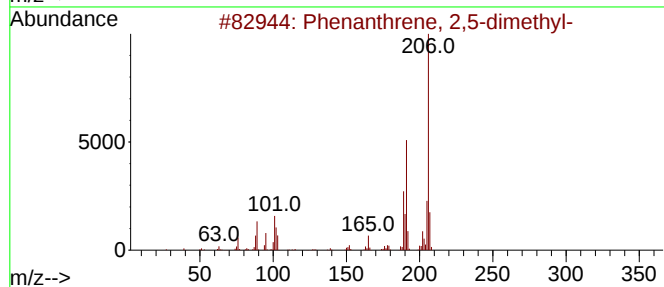
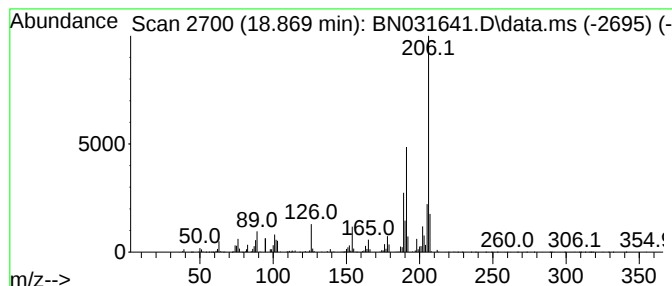
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	8.29 ng/ul	1650540	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5X4

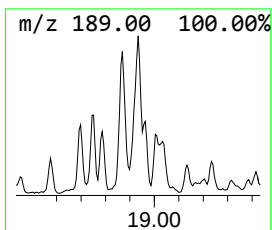
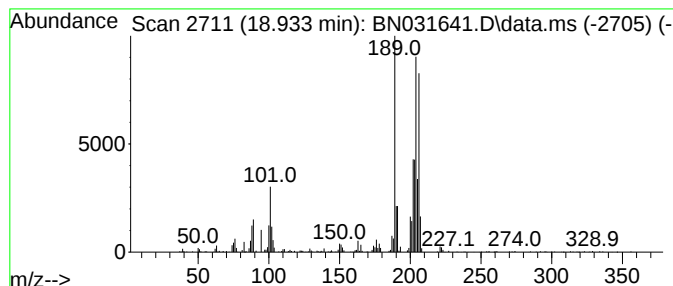
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Acephenanthrylene, 4,5-dihy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	5.73 ng/ul	1139490	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	78
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
3			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
4			5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
5			9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

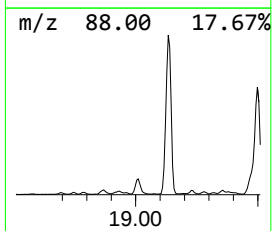
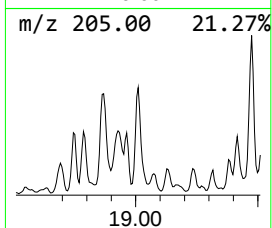
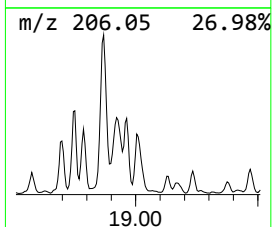
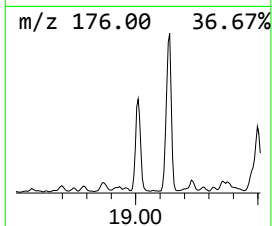
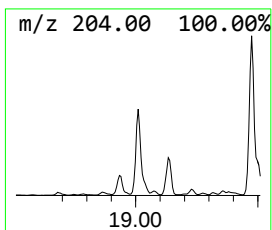
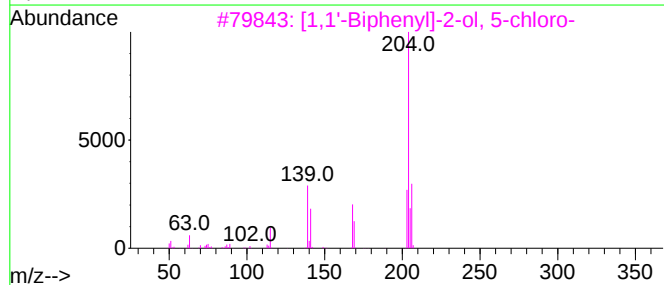
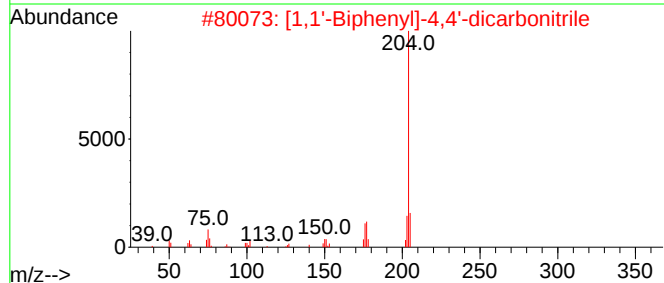
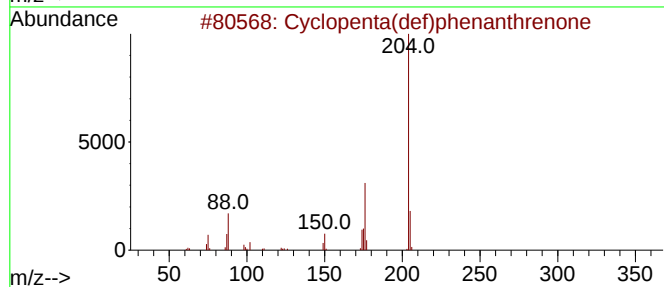
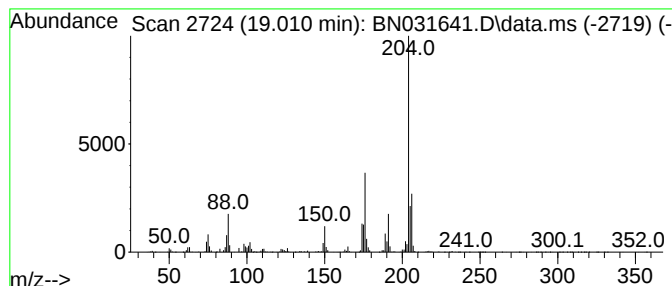
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.010	8.32 ng/ul	1656320	Phenanthrene-d10	17.075	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43



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Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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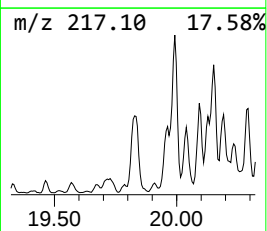
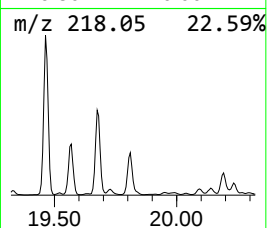
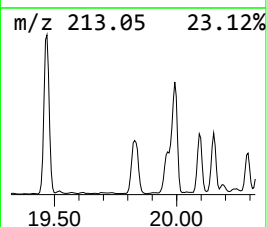
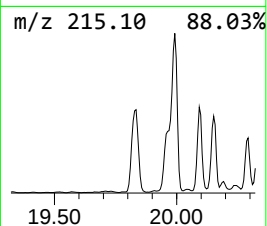
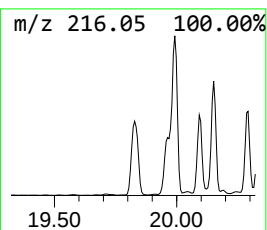
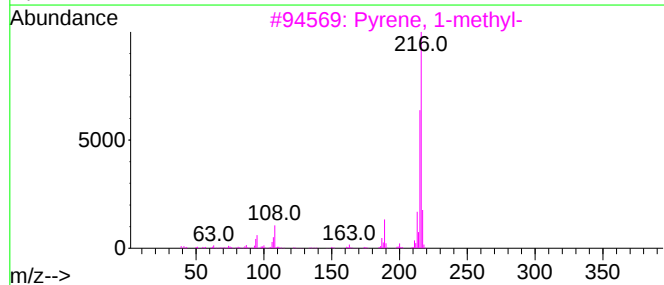
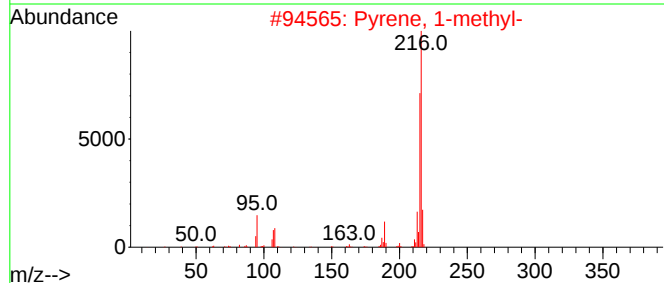
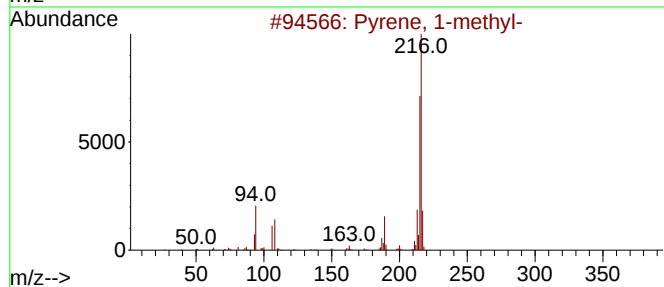
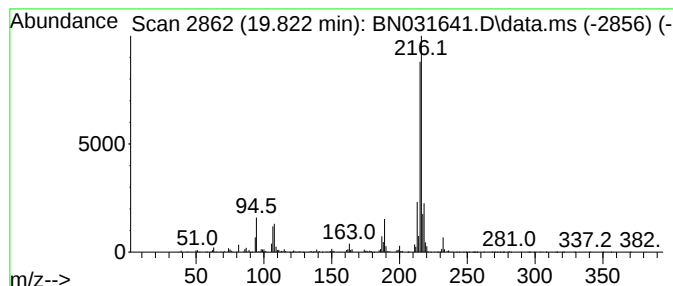
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Pyrene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.822	2.70 ng/ul	2810740	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12		002381-21-7	97
2	Pyrene, 1-methyl-		216	C17H12		002381-21-7	96
3	Pyrene, 1-methyl-		216	C17H12		002381-21-7	95
4	11H-Benzo[b]fluorene		216	C17H12		000243-17-4	95
5	Fluoranthene, 2-methyl-		216	C17H12		033543-31-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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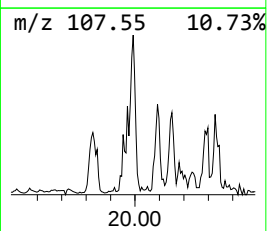
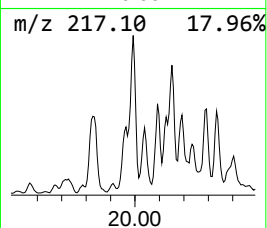
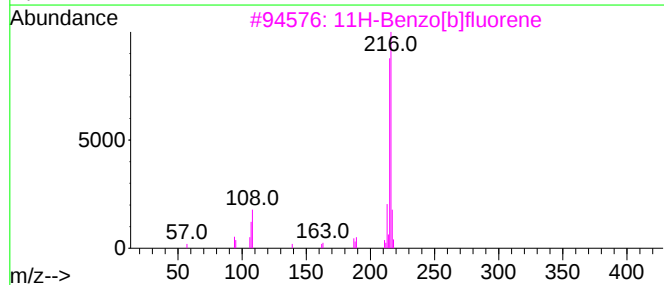
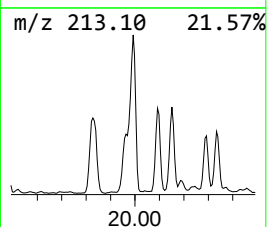
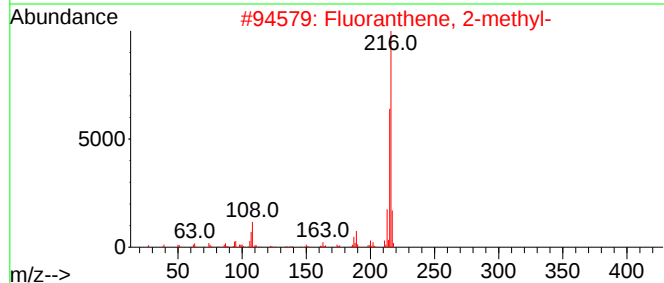
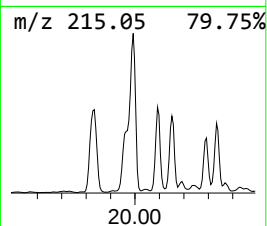
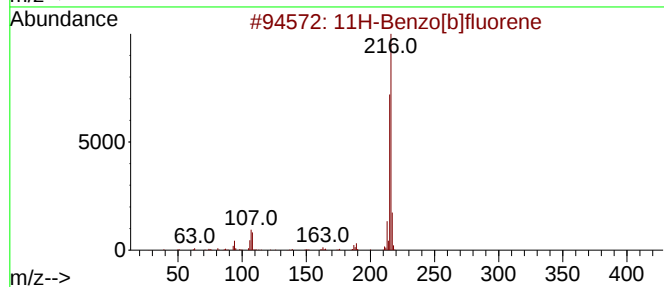
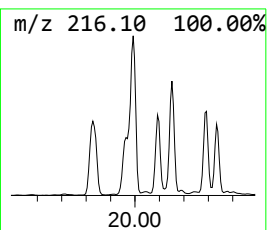
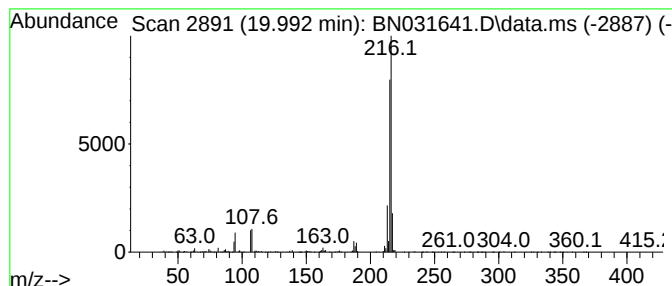
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 11H-Benzo[b]fluorene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.992	2.85 ng/ul	2958040	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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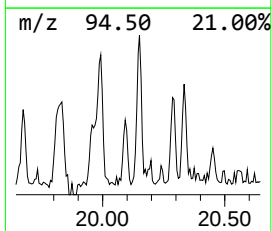
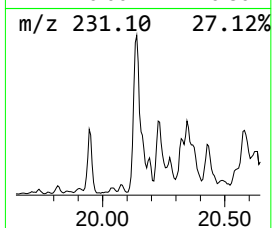
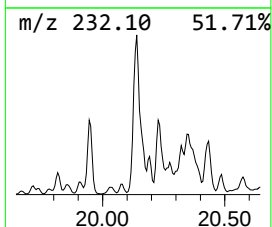
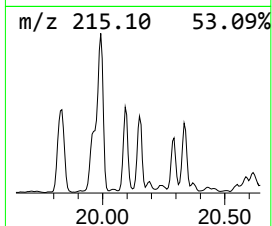
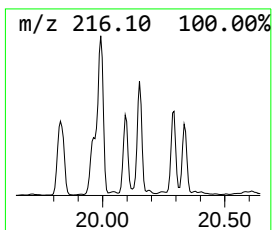
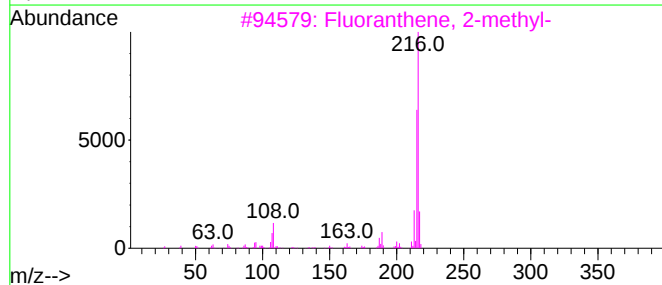
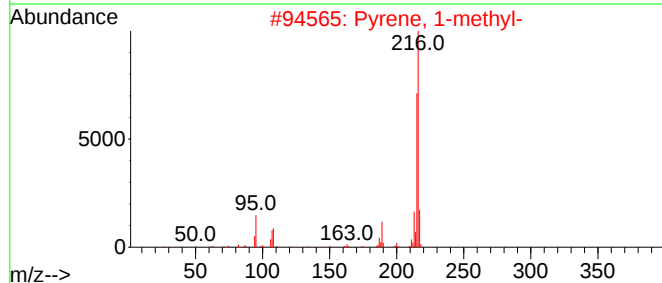
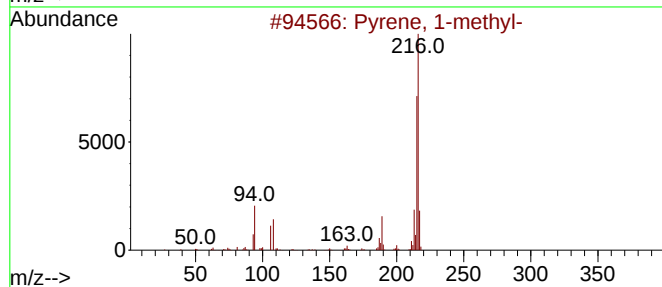
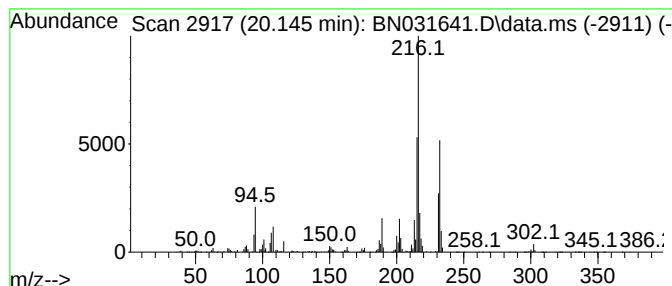
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Fluoranthene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	2.93 ng/ul	3045490	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	92
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
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Acq On : 23 May 2024 20:52
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Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

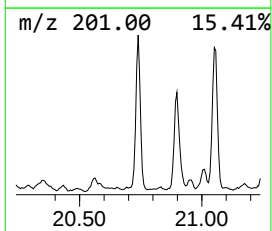
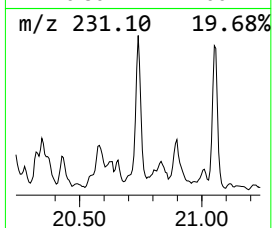
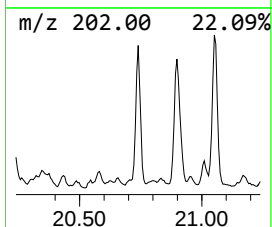
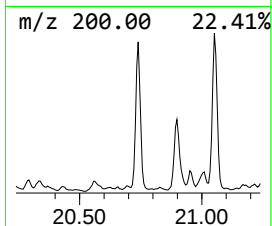
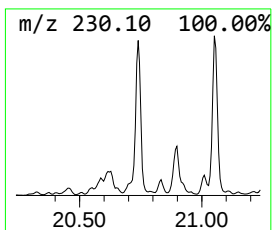
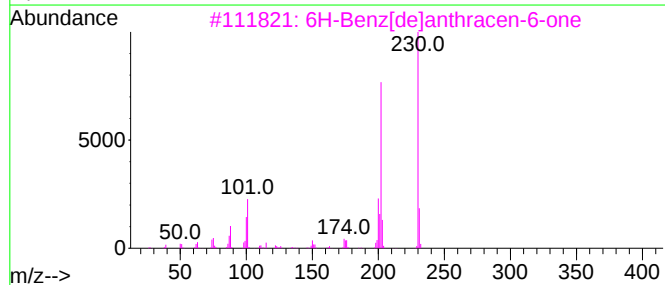
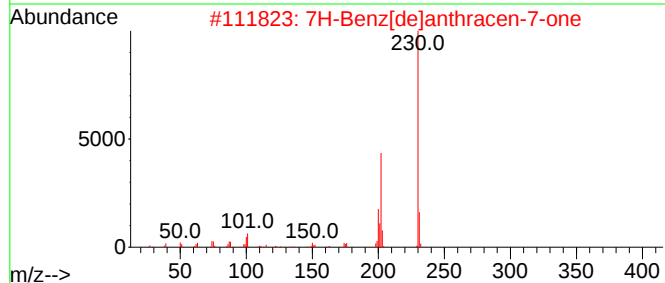
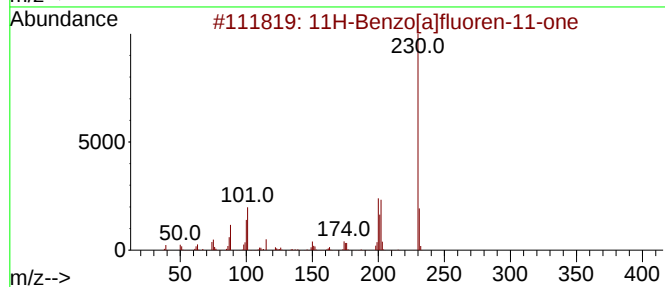
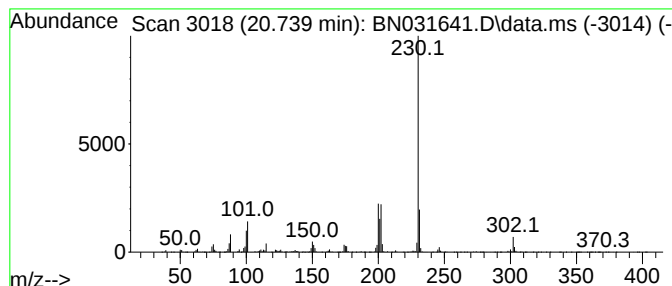
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 11H-Benzo[a]fluoren-11-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.739	2.77 ng/ul	2881020	Chrysene-d12	21.304	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	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	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
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Acq On : 23 May 2024 20:52
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Misc :
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ClientSampleId :
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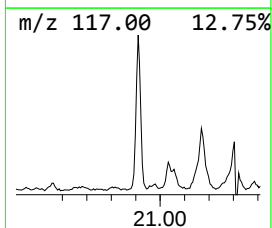
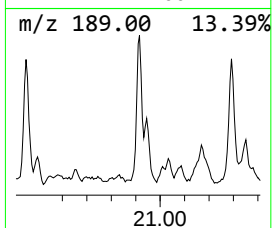
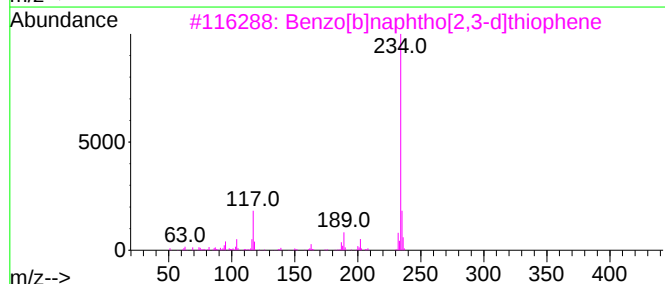
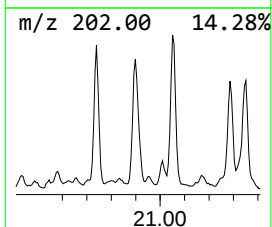
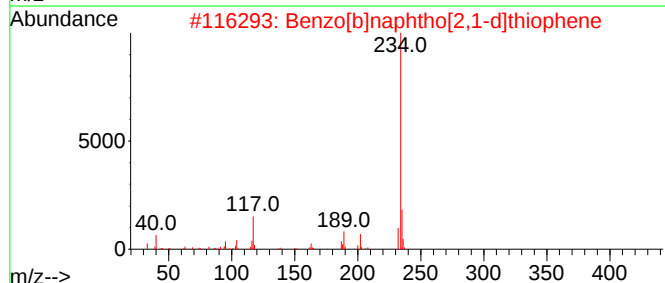
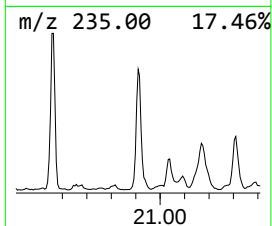
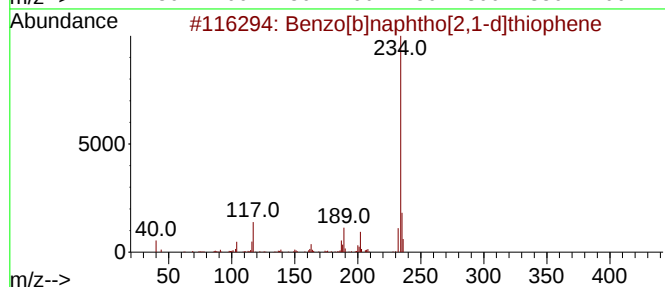
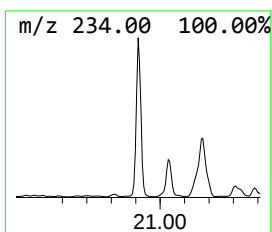
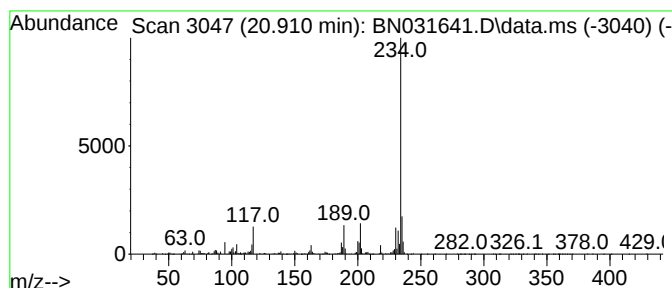
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.910	2.98 ng/ul	3093550	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	97
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5X4

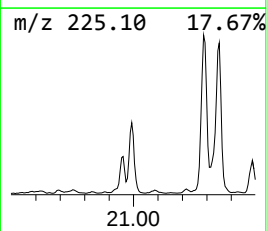
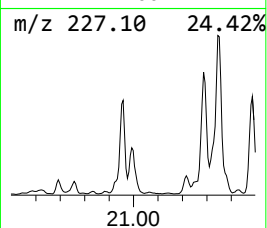
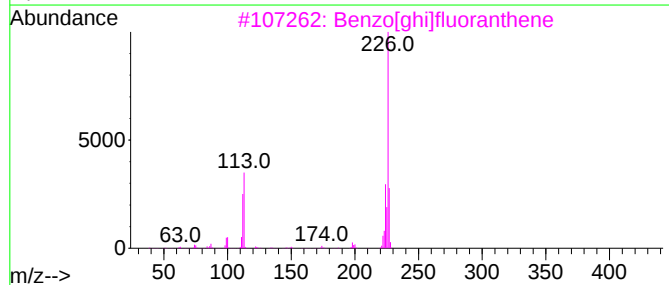
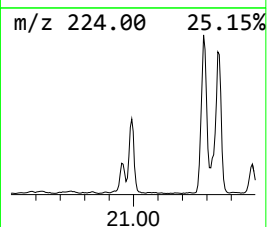
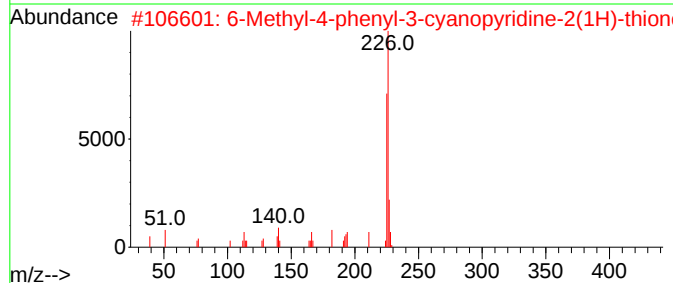
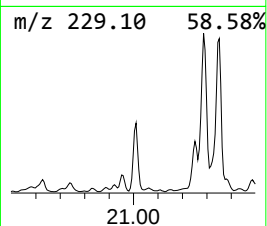
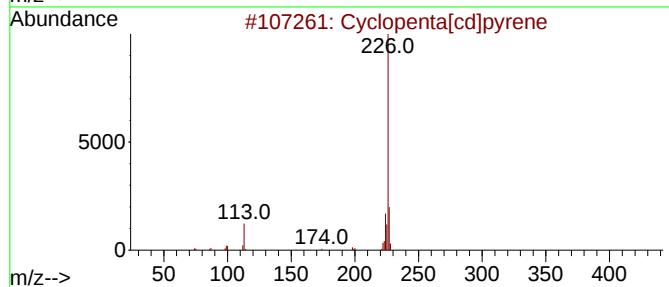
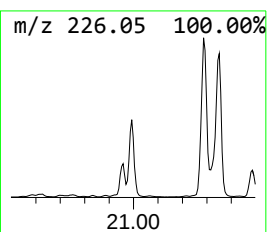
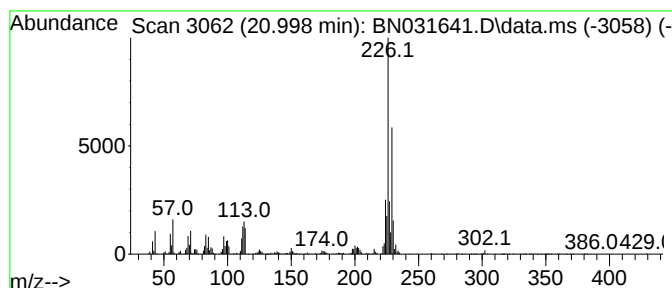
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.998	3.54 ng/ul	3679210	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
2			6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	43
3			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
4			Pentanedioic acid, 1-(6-bromo-9-...	625	C35H48BrNO4	049646-95-9	38
5			Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5X4

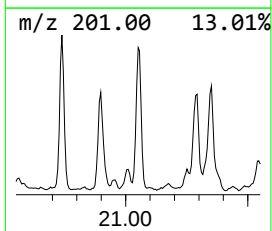
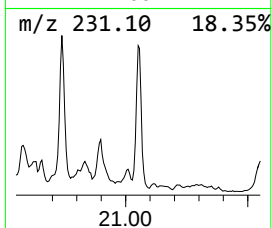
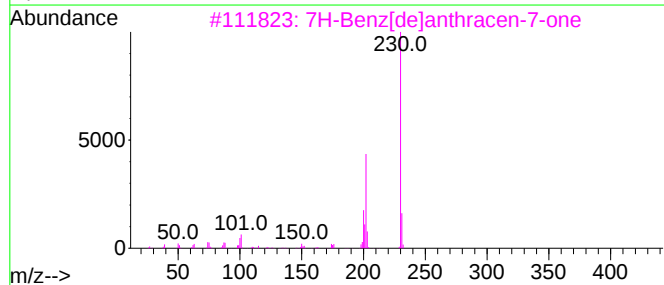
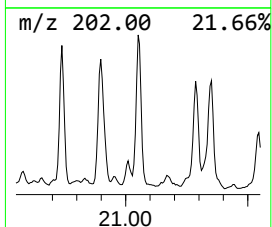
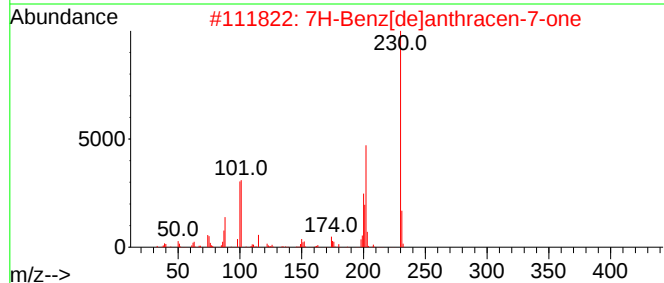
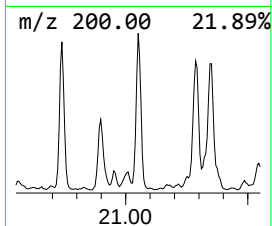
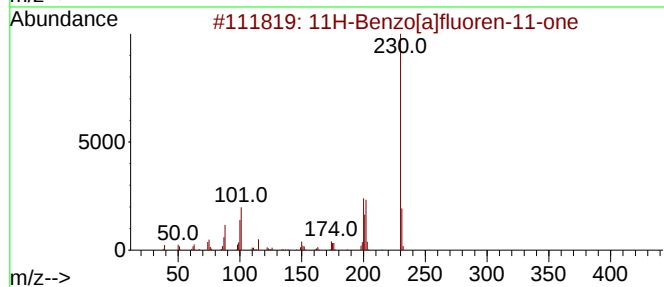
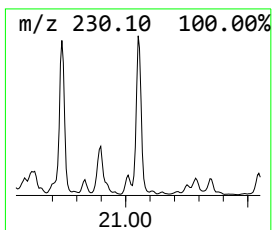
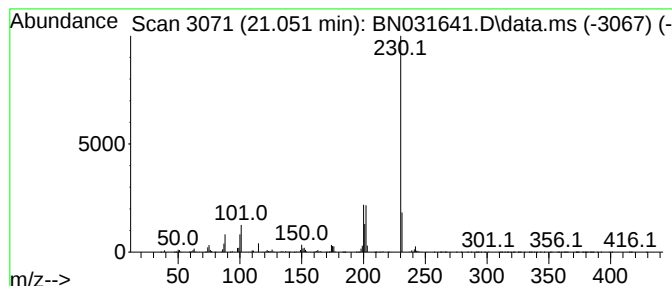
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 7H-Benz[de]anthracen-7-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	3.47 ng/ul	3606260	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one		230	C17H10O	000479-79-8	98	
2	7H-Benz[de]anthracen-7-one		230	C17H10O	000082-05-3	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	74	
5	o-Terphenyl		230	C18H14	000084-15-1	64	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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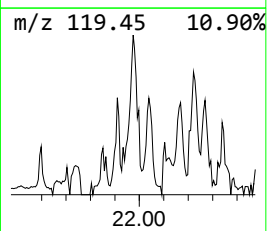
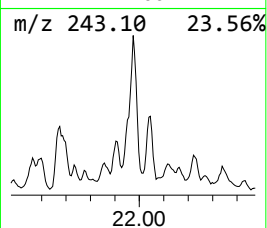
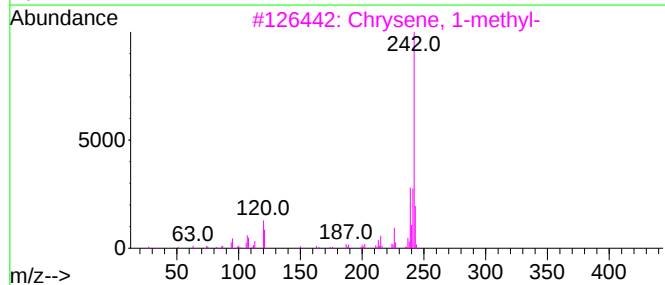
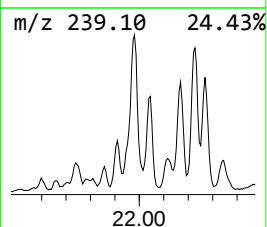
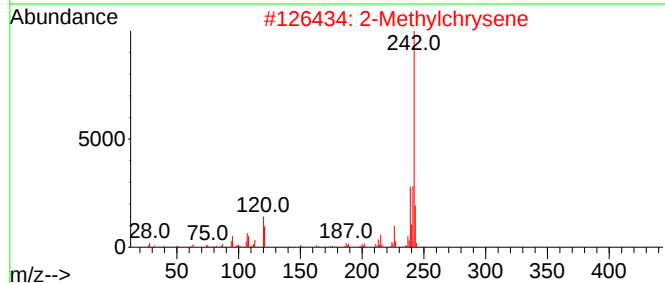
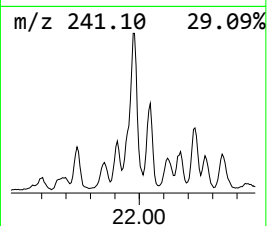
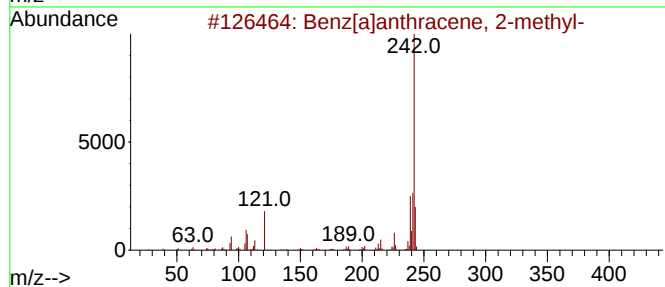
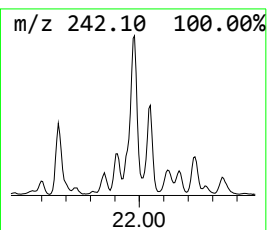
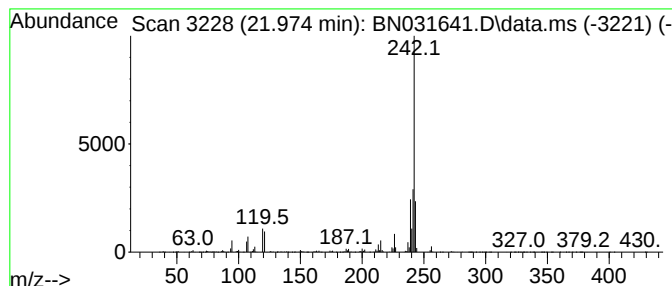
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Benz[a]anthracene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.974	2.59 ng/ul	2694130	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	97
2			2-Methylchrysene	242	C19H14	003351-32-4	96
3			Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
4			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
5			Chrysene, 5-methyl-	242	C19H14	003697-24-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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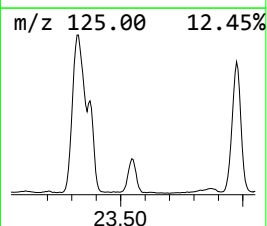
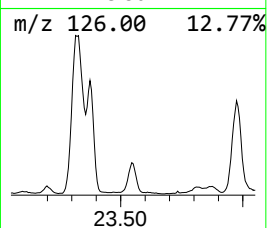
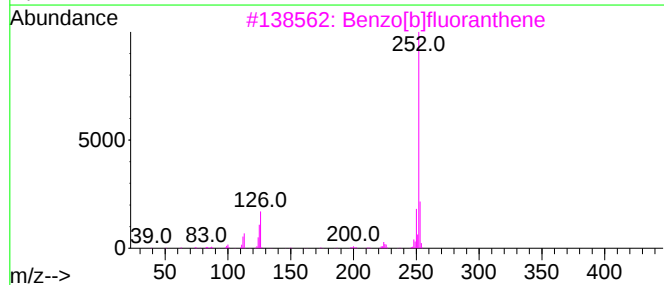
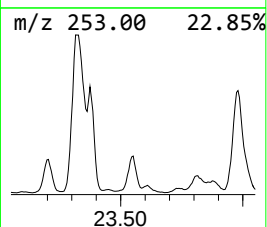
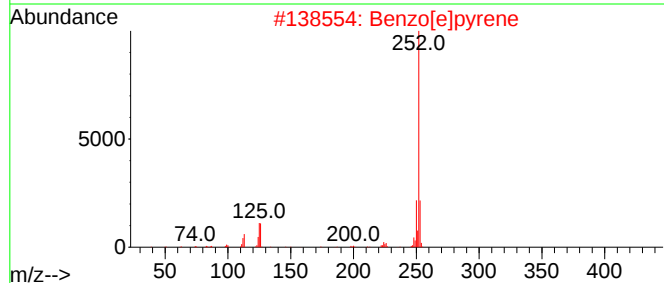
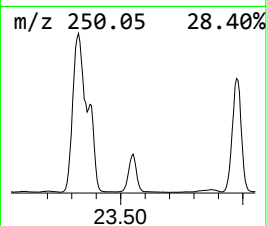
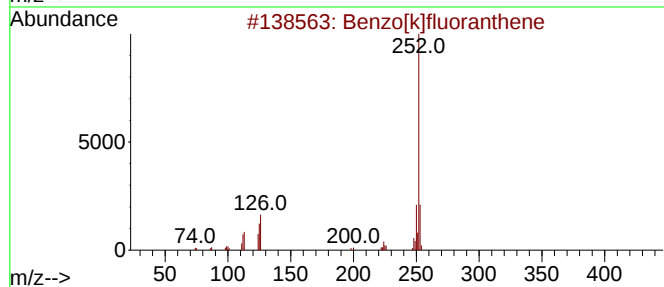
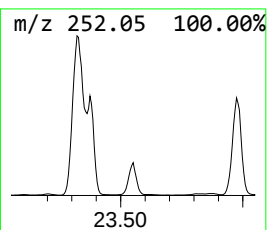
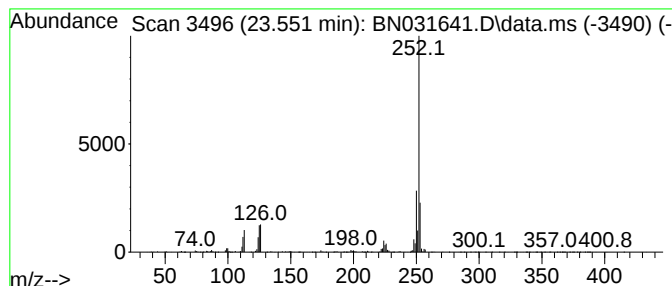
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.551	9.01 ng/ul	2257780	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	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5X4

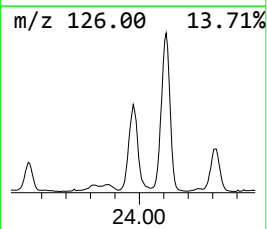
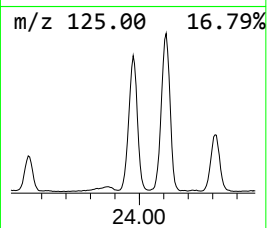
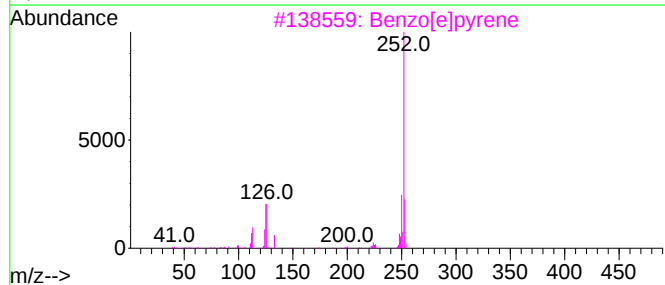
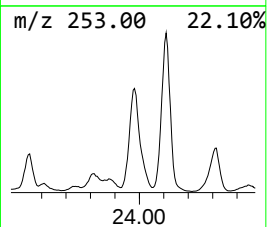
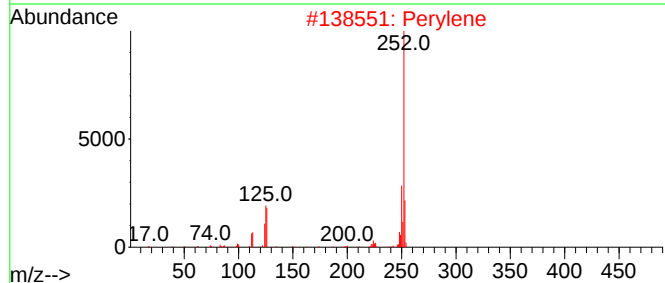
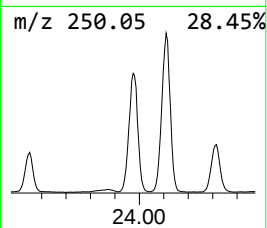
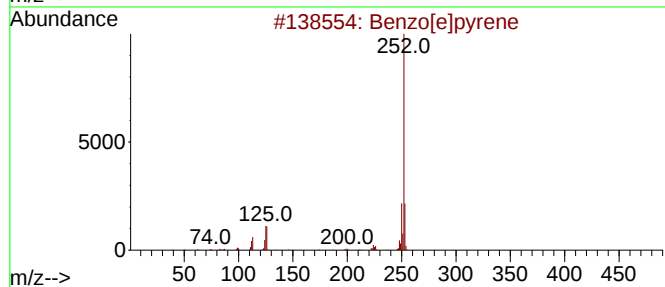
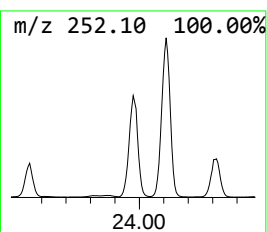
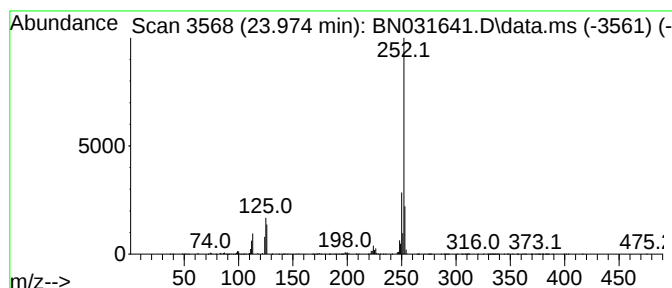
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.974	29.98 ng/ul	7510580	Perylene-d12	24.239

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031641.D
Acq On : 23 May 2024 20:52
Operator : MA/JU
Sample : P2547-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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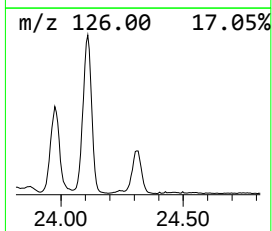
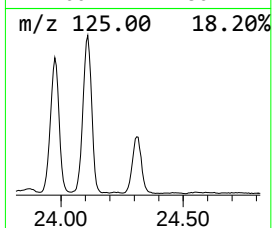
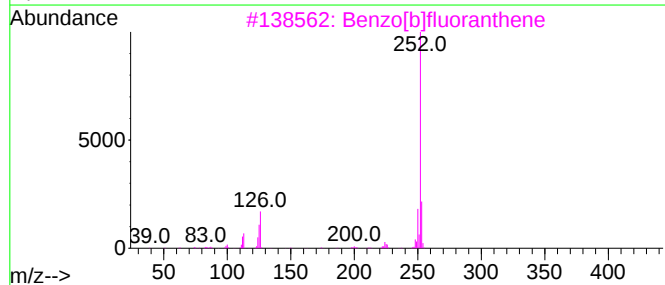
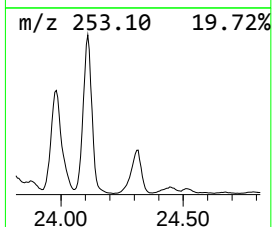
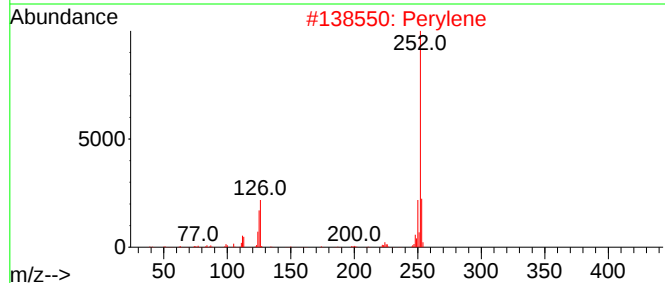
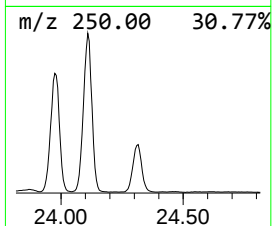
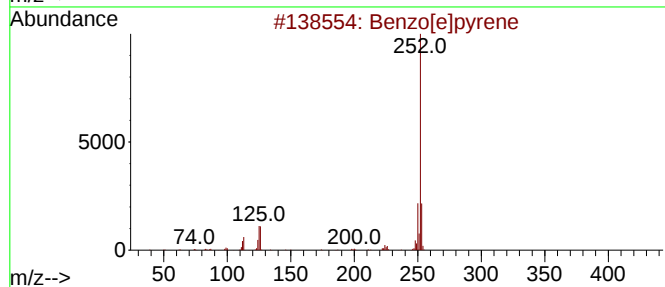
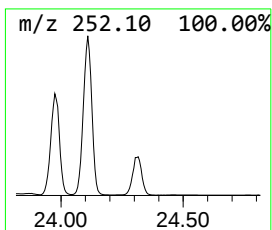
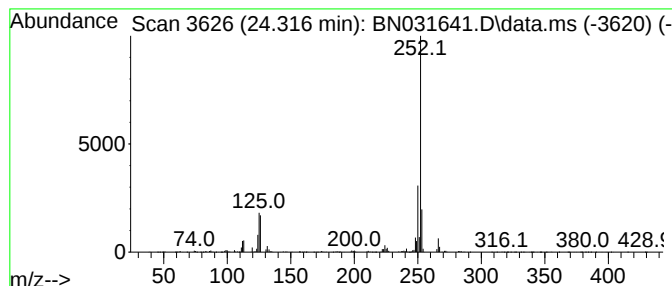
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.316	17.80 ng/ul	4459550	Perylene-d12	24.239

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031641.D
 Acq On : 23 May 2024 20:52
 Operator : MA/JU
 Sample : P2547-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5X4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dibenzofuran, 4...	15.669	3.2	ng/ul	551123	3	14.328	3478920	20.0
6H-Dibenzo[b,d]...	15.816	3.8	ng/ul	754437	4	17.075	3979660	20.0
9H-Fluorene, 2-...	16.381	3.9	ng/ul	771325	4	17.075	3979660	20.0
Naphtho[2,1-b]f...	16.610	2.1	ng/ul	412217	4	17.075	3979660	20.0
9H-Fluoren-9-one	16.728	6.0	ng/ul	1188260	4	17.075	3979660	20.0
Dibenzothiophene	16.892	5.5	ng/ul	1085090	4	17.075	3979660	20.0
Acridine	17.263	2.5	ng/ul	492076	4	17.075	3979660	20.0
Phenanthrene, 2...	17.945	13.2	ng/ul	2629000	4	17.075	3979660	20.0
Phenanthrene, 1...	17.992	17.9	ng/ul	3555740	4	17.075	3979660	20.0
Anthracene, 2-m...	18.075	5.9	ng/ul	1170950	4	17.075	3979660	20.0
4H-Cyclopenta[d...	18.139	19.9	ng/ul	3963330	4	17.075	3979660	20.0
Anthracene, 9-m...	18.175	7.0	ng/ul	1397150	4	17.075	3979660	20.0
Naphthalene, 2-...	18.451	8.4	ng/ul	1679640	4	17.075	3979660	20.0
9,10-Anthracene...	18.492	8.3	ng/ul	1656500	4	17.075	3979660	20.0
Anthracene, 2-e...	18.698	3.6	ng/ul	709186	4	17.075	3979660	20.0
Phenanthrene, 3...	18.745	2.7	ng/ul	535659	4	17.075	3979660	20.0
Phenanthrene, 2...	18.869	8.3	ng/ul	1650540	4	17.075	3979660	20.0
Acephenanthryle...	18.933	5.7	ng/ul	1139490	4	17.075	3979660	20.0
Cyclopenta(def)...	19.010	8.3	ng/ul	1656320	4	17.075	3979660	20.0
Pyrene, 1-methyl-	19.822	2.7	ng/ul	2810740	5	21.304	20784600	20.0
11H-Benzo[b]flu...	19.992	2.9	ng/ul	2958040	5	21.304	20784600	20.0
Fluoranthene, 2...	20.145	2.9	ng/ul	3045490	5	21.304	20784600	20.0
11H-Benzo[a]flu...	20.739	2.8	ng/ul	2881020	5	21.304	20784600	20.0
Benzo[b]naphtho...	20.910	3.0	ng/ul	3093550	5	21.304	20784600	20.0
unknown-01	20.998	3.5	ng/ul	3679210	5	21.304	20784600	20.0
7H-Benz[de]anth...	21.051	3.5	ng/ul	3606260	5	21.304	20784600	20.0
Benz[a]anthrace...	21.974	2.6	ng/ul	2694130	5	21.304	20784600	20.0
Benzo[e]pyrene	23.551	9.0	ng/ul	2257780	6	24.239	5010330	20.0
Perylene	23.974	30.0	ng/ul	7510580	6	24.239	5010330	20.0
unknown-02	24.316	17.8	ng/ul	4459550	6	24.239	5010330	20.0