

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031804.D
 Acq On : 05 Jun 2024 17:45
 Operator : MA/JU
 Sample : P2591-13DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ4DL

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: BN031804.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	116	rBV	88117	149112	1.04%	0.110%
2	6.846	646	656	672	rVB	290111	495508	3.45%	0.365%
3	7.016	678	685	694	rVB	230971	373305	2.60%	0.275%
4	7.204	708	717	725	rBV	277314	468980	3.27%	0.346%
5	7.675	789	797	804	rBV	1026521	1689328	11.76%	1.246%
6	8.375	908	916	924	rBV	350699	611353	4.26%	0.451%
7	8.828	986	993	1001	rBV	274857	459722	3.20%	0.339%
8	9.546	1108	1115	1127	rVB	211252	363196	2.53%	0.268%
9	10.081	1198	1206	1217	rBV	364661	652491	4.54%	0.481%
10	10.457	1260	1270	1275	rBV	1616550	2774818	19.32%	2.046%
11	10.504	1275	1278	1285	rVV	186916	300851	2.10%	0.222%
12	10.598	1285	1294	1308	rVV	254100	484234	3.37%	0.357%
13	12.122	1546	1553	1562	rBV	92571	161140	1.12%	0.119%
14	12.345	1581	1591	1603	rVB	78512	137688	0.96%	0.102%
15	13.492	1778	1786	1794	rVB3	35630	96504	0.67%	0.071%
16	13.634	1799	1810	1815	rBV	64437	128740	0.90%	0.095%
17	13.728	1822	1826	1837	rVB	672398	985811	6.87%	0.727%
18	14.010	1860	1874	1884	rBV	802481	1373444	9.56%	1.013%
19	14.316	1918	1926	1932	rBV	2745260	4044056	28.16%	2.982%
20	14.381	1932	1937	1945	rVB	240875	361934	2.52%	0.267%
21	14.528	1955	1962	1971	rBV	321492	543265	3.78%	0.401%
22	14.716	1989	1994	2003	rVV	296555	476348	3.32%	0.351%
23	15.310	2089	2095	2100	rVV	1107835	1610215	11.21%	1.187%
24	15.369	2100	2105	2112	rVV2	285275	460595	3.21%	0.340%
25	15.439	2112	2117	2123	rVV	252568	389467	2.71%	0.287%
26	15.663	2150	2155	2164	rVB	129204	203727	1.42%	0.150%
27	15.810	2171	2180	2188	rVV	149687	300678	2.09%	0.222%
28	16.045	2212	2220	2225	rBV6	52515	102417	0.71%	0.076%
29	16.345	2265	2271	2273	rBV3	45563	84331	0.59%	0.062%
30	16.375	2273	2276	2280	rVV2	58285	93140	0.65%	0.069%
31	16.598	2306	2314	2318	rBV2	70833	133406	0.93%	0.098%
32	16.639	2318	2321	2325	rVV3	71972	113252	0.79%	0.084%
33	16.722	2329	2335	2342	rVV	613050	870243	6.06%	0.642%
34	16.798	2342	2348	2354	rVV	75392	165465	1.15%	0.122%
35	16.880	2358	2362	2371	rVB	286366	449474	3.13%	0.331%
36	17.069	2384	2394	2397	rBV	3310721	5112687	35.61%	3.770%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

37	17.110	2397	2401	2406	rVV	5421368	7778422	54.17%	5.735%
38	17.163	2406	2410	2413	rVV2	1314196	1898559	13.22%	1.400%
39	17.198	2413	2416	2421	rVV	1086626	1453297	10.12%	1.072%
40	17.257	2421	2426	2432	rVV3	99365	176310	1.23%	0.130%
41	17.380	2443	2447	2452	rVB	51794	79425	0.55%	0.059%
42	17.469	2453	2462	2476	rBV2	761875	1389811	9.68%	1.025%
43	17.586	2478	2482	2487	rVV2	90584	141490	0.99%	0.104%
44	17.645	2487	2492	2501	rVB3	142802	260935	1.82%	0.192%
45	17.745	2501	2509	2512	rBV4	49770	102560	0.71%	0.076%
46	17.863	2525	2529	2533	rBV2	59841	85215	0.59%	0.063%
47	17.939	2533	2542	2546	rBV	561622	944997	6.58%	0.697%
48	17.986	2546	2550	2556	rVB	868002	1290016	8.98%	0.951%
49	18.069	2559	2564	2569	rVB	227749	312738	2.18%	0.231%
50	18.133	2569	2575	2579	rBV2	681139	1254539	8.74%	0.925%
51	18.169	2579	2581	2587	rVB	355831	443590	3.09%	0.327%
52	18.245	2591	2594	2598	rBV	72754	113320	0.79%	0.084%
53	18.292	2598	2602	2606	rVV2	115344	158655	1.10%	0.117%
54	18.380	2614	2617	2623	rVB5	49019	83866	0.58%	0.062%
55	18.445	2623	2628	2631	rBV	493851	644953	4.49%	0.476%
56	18.486	2631	2635	2641	rVB	659578	865110	6.02%	0.638%
57	18.692	2666	2670	2674	rBV2	105854	148832	1.04%	0.110%
58	18.739	2674	2678	2682	rBV	113940	142724	0.99%	0.105%
59	18.780	2682	2685	2690	rVB2	132765	170331	1.19%	0.126%
60	18.869	2694	2700	2705	rBV2	324922	623290	4.34%	0.460%
61	18.927	2705	2710	2713	rVV4	121744	244439	1.70%	0.180%
62	18.957	2713	2715	2718	rVV	105626	103836	0.72%	0.077%
63	19.004	2718	2723	2733	rVV	643404	982921	6.85%	0.725%
64	19.127	2738	2744	2751	rVB	8773363	12205449	85.00%	8.999%
65	19.192	2752	2755	2758	rBV	94100	126677	0.88%	0.093%
66	19.227	2758	2761	2764	rBV2	168837	199568	1.39%	0.147%
67	19.327	2773	2778	2780	rBV4	141584	228783	1.59%	0.169%
68	19.369	2783	2785	2789	rVB	186163	245344	1.71%	0.181%
69	19.463	2795	2801	2803	rBV2	2772399	3997094	27.84%	2.947%
70	19.492	2803	2806	2814	rVV	6350235	8674716	60.41%	6.396%
71	19.563	2814	2818	2825	rVB2	367908	528280	3.68%	0.389%
72	19.674	2832	2837	2842	rBV	473720	624704	4.35%	0.461%
73	19.733	2842	2847	2853	rVB	465876	723902	5.04%	0.534%
74	19.816	2855	2861	2868	rBV2	461594	1247321	8.69%	0.920%
75	19.951	2878	2884	2888	rBV5	373273	855970	5.96%	0.631%
76	19.986	2888	2890	2895	rVB	412166	495148	3.45%	0.365%

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Integration Parameters: LSCINT.P

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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77	20.092	2904	2908	2911	rBV2	128809	183648	1.28%	0.135%
78	20.145	2911	2917	2921	rVV2	662970	1185230	8.25%	0.874%
79	20.186	2921	2924	2927	rVV	183667	211748	1.47%	0.156%
80	20.227	2928	2931	2935	rVV	163708	274943	1.91%	0.203%
81	20.286	2938	2941	2945	rVV	302652	437446	3.05%	0.323%
82	20.333	2945	2949	2953	rVB3	300292	458309	3.19%	0.338%
83	20.739	3013	3018	3024	rBV	1593297	2280189	15.88%	1.681%
84	20.904	3041	3046	3050	rBV2	791224	1451095	10.11%	1.070%
85	20.951	3050	3054	3057	rVV	653579	902584	6.29%	0.665%
86	20.992	3057	3061	3067	rVV2	811681	1688008	11.76%	1.245%
87	21.051	3067	3071	3082	rVB	1412185	2159150	15.04%	1.592%
88	21.251	3102	3105	3106	rBV2	242227	278104	1.94%	0.205%
89	21.292	3106	3112	3118	rVV3	6079211	14359304	100.00%	10.587%
90	21.345	3118	3121	3132	rVB	3786612	5580048	38.86%	4.114%
91	21.486	3141	3145	3151	rBV3	256634	481932	3.36%	0.355%
92	21.974	3224	3228	3233	rVB	615046	977198	6.81%	0.720%
93	22.045	3236	3240	3248	rVB3	365630	654431	4.56%	0.483%
94	22.221	3267	3270	3274	rVB4	225291	285546	1.99%	0.211%
95	23.315	3448	3456	3462	rBV2	2942368	8508752	59.26%	6.273%
96	23.545	3491	3495	3504	rVB	487406	953134	6.64%	0.703%
97	23.968	3562	3567	3573	rBV2	563115	1226569	8.54%	0.904%
98	24.039	3575	3579	3583	rVV2	548768	1048882	7.30%	0.773%
99	24.098	3584	3589	3602	rVB	1497497	3644909	25.38%	2.687%
100	24.239	3605	3613	3622	rBV2	2667729	7131187	49.66%	5.258%

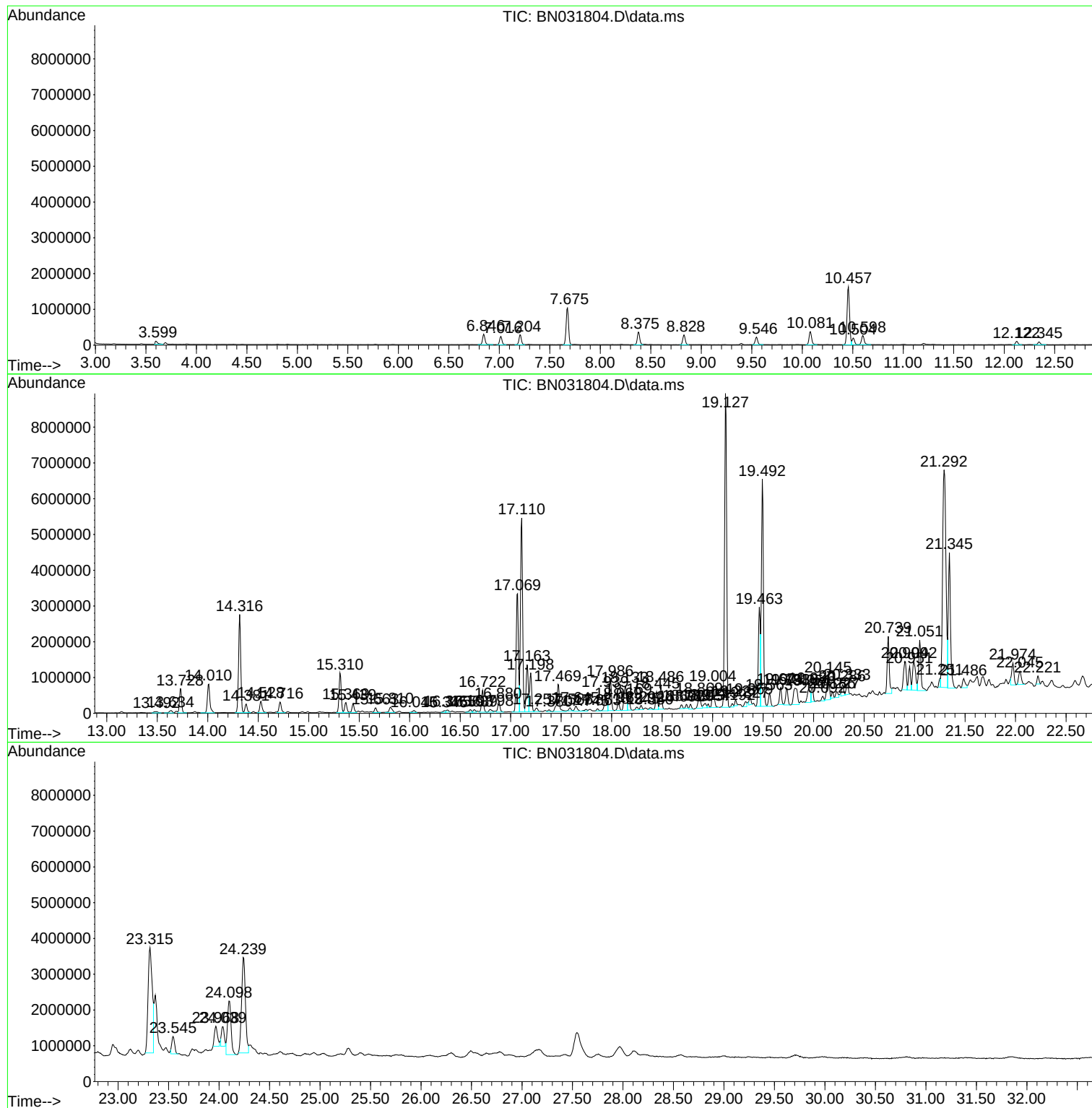
Sum of corrected areas: 135630408

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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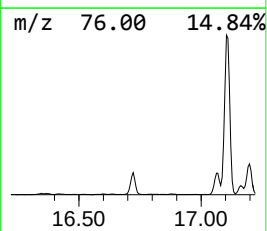
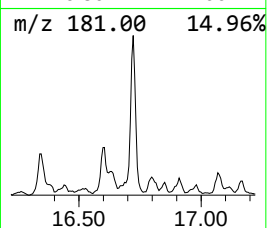
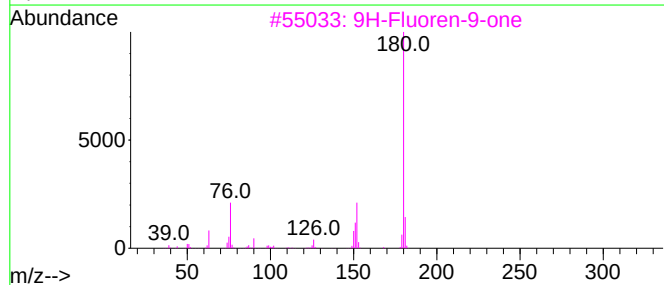
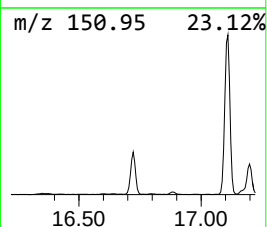
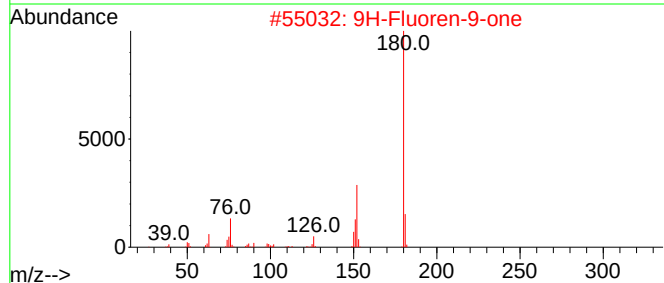
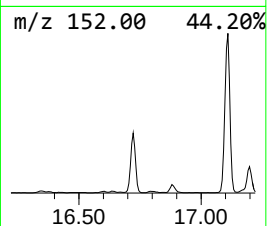
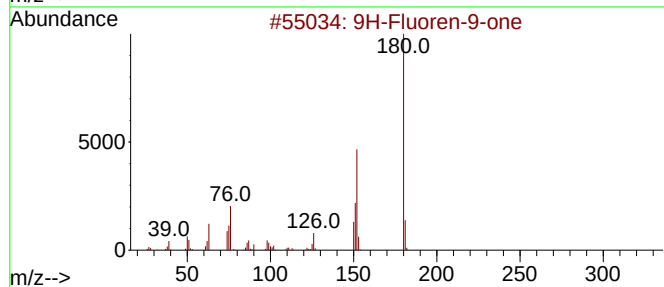
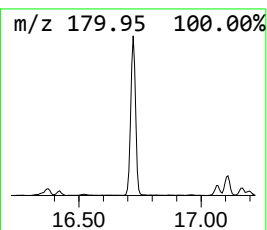
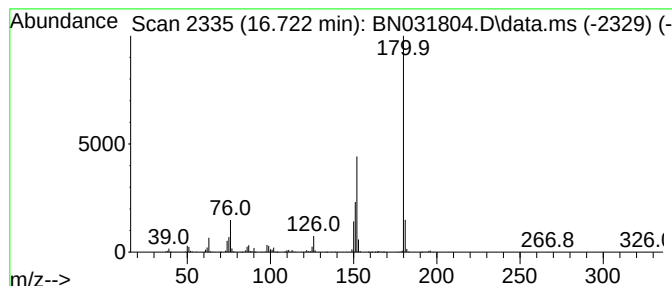
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 9H-Fluoren-9-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.722	3.40 ng/ul	870243	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	93



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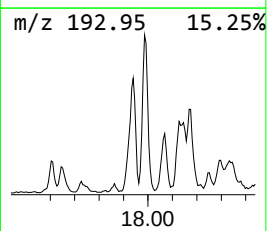
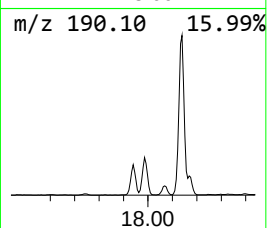
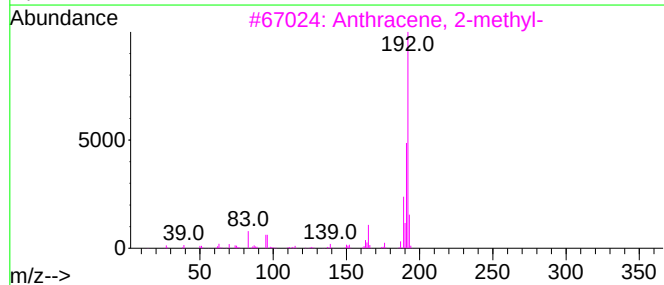
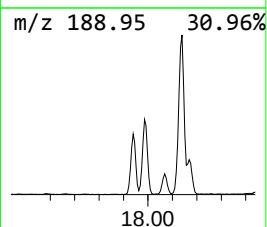
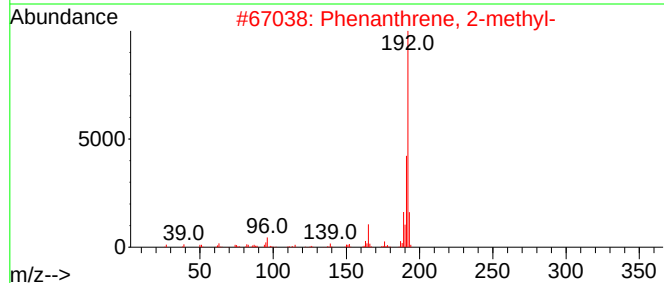
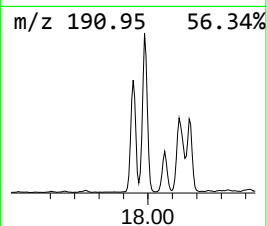
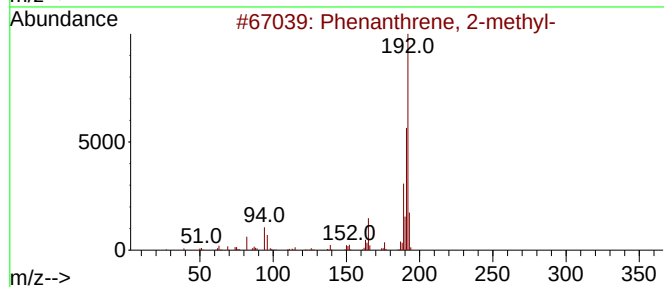
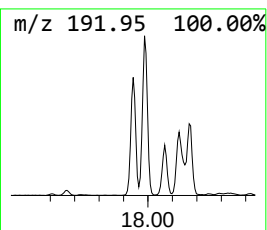
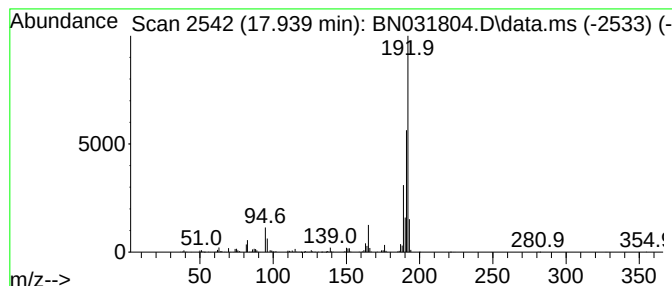
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	3.70 ng/ul	944997	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



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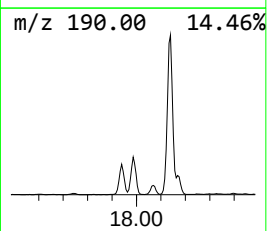
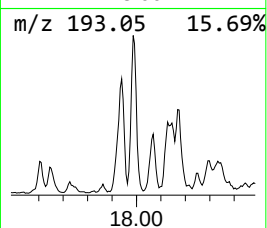
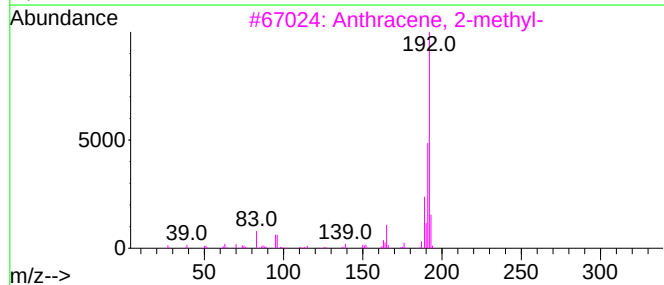
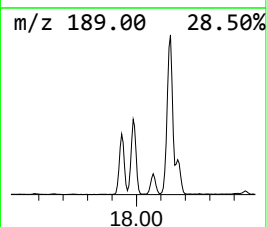
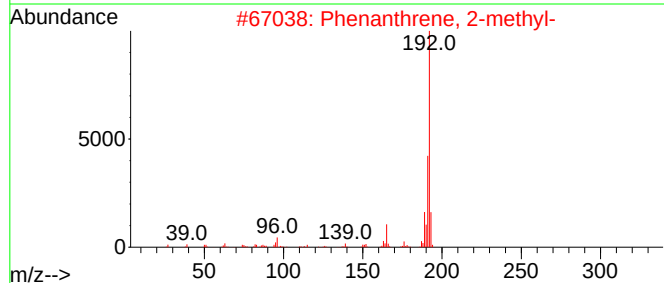
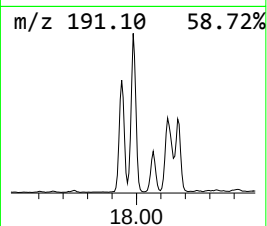
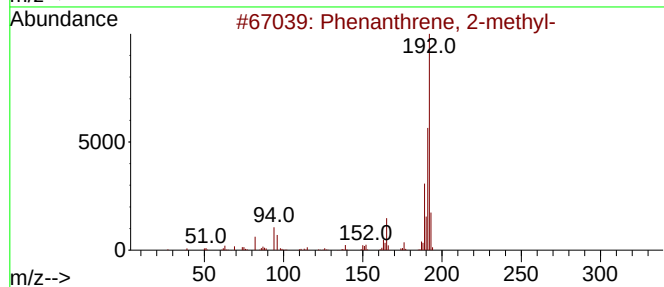
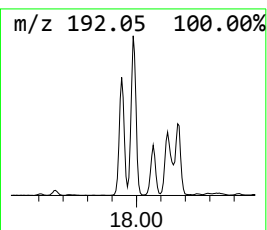
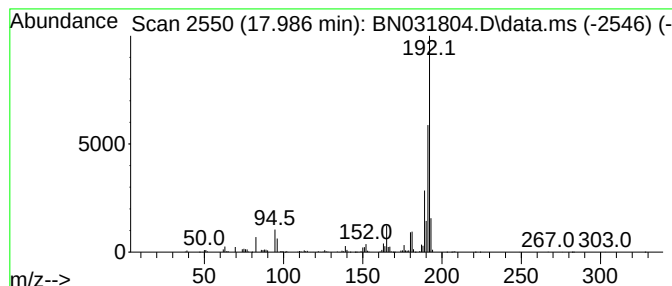
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	5.05 ng/ul	1290020	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			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



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Acq On : 05 Jun 2024 17:45
Operator : MA/JU
Sample : P2591-13DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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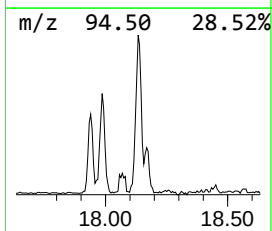
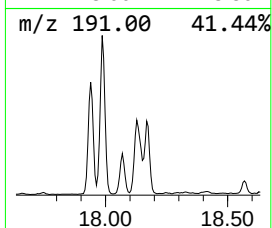
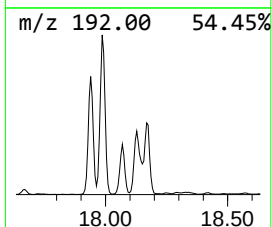
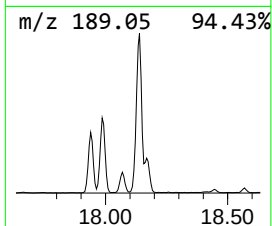
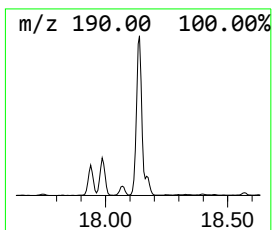
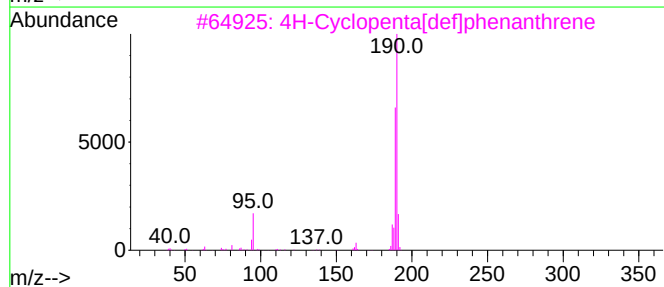
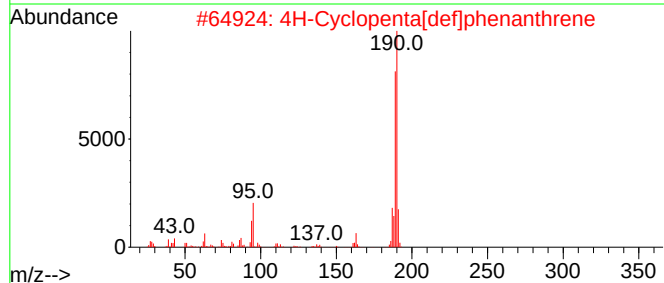
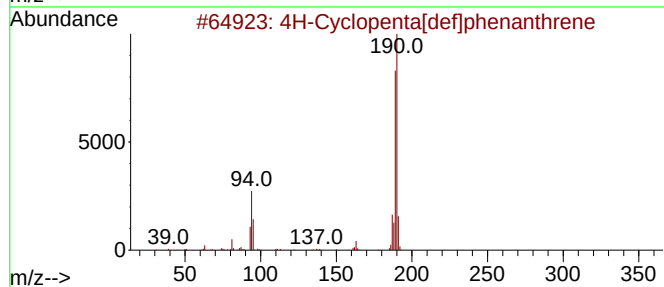
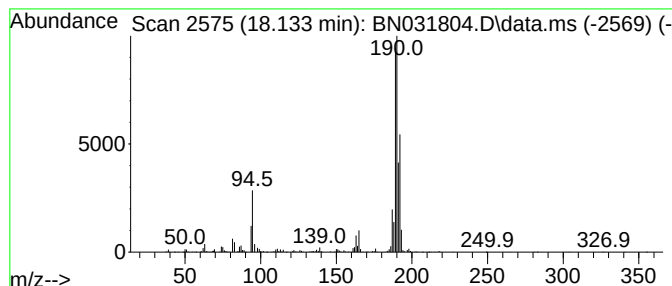
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	4.91 ng/ul	1254540	Phenanthrene-d10	17.069

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			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031804.D
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Sample : P2591-13DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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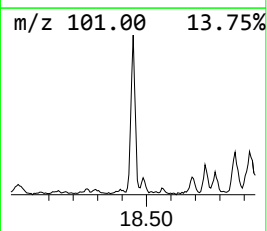
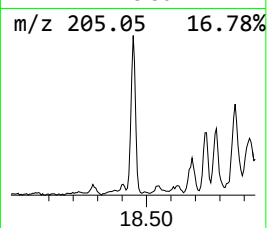
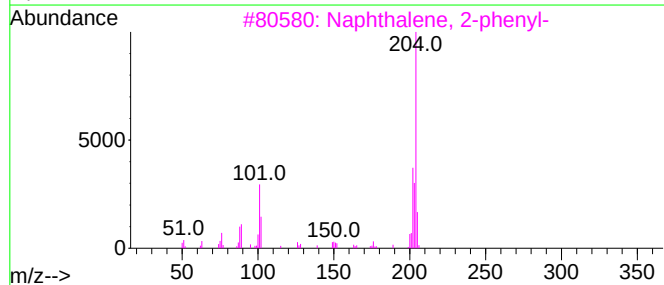
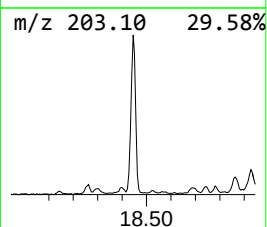
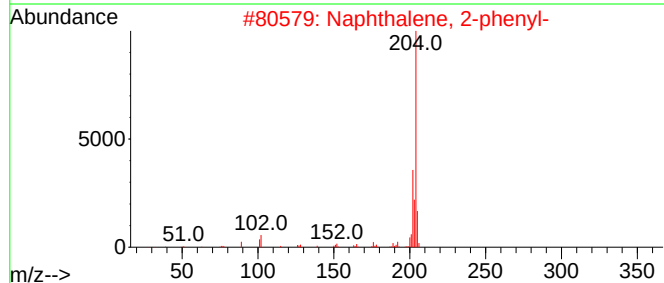
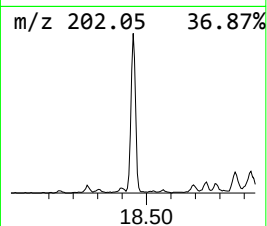
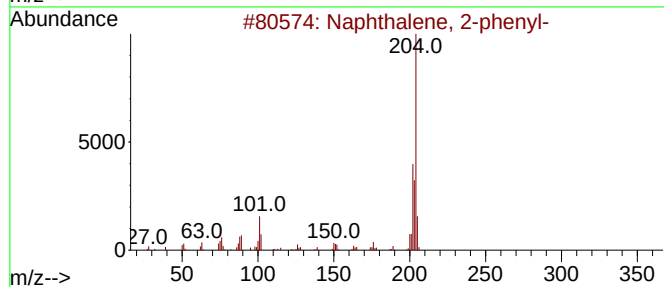
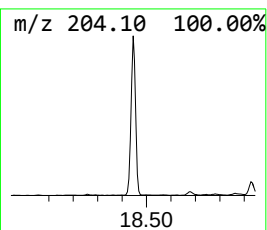
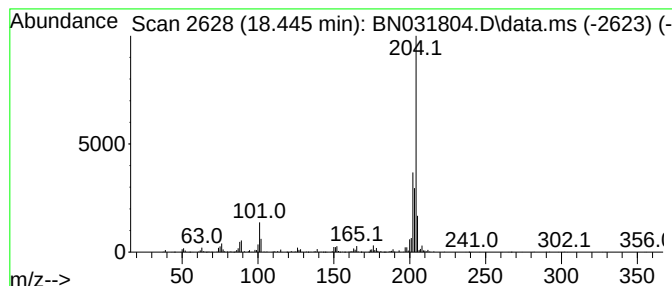
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	2.52 ng/ul	644953	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
5			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031804.D
Acq On : 05 Jun 2024 17:45
Operator : MA/JU
Sample : P2591-13DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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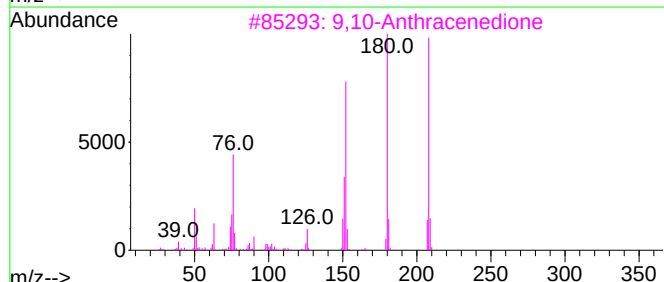
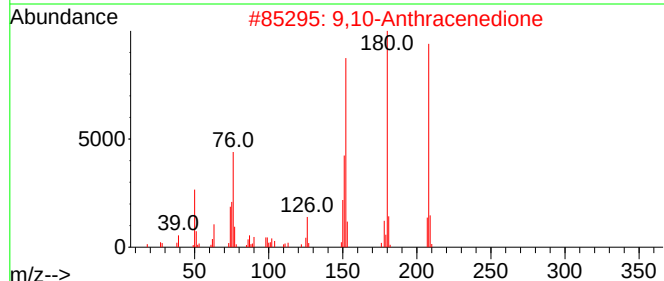
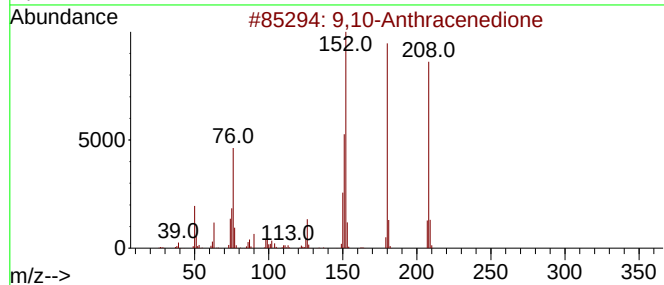
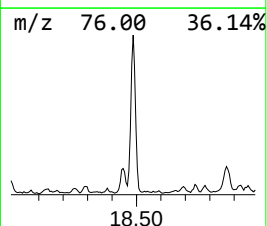
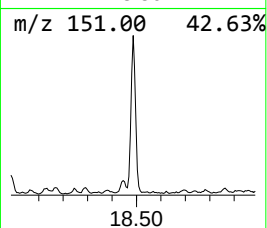
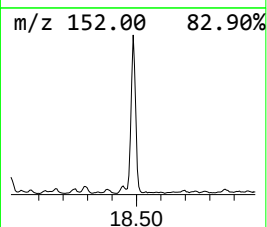
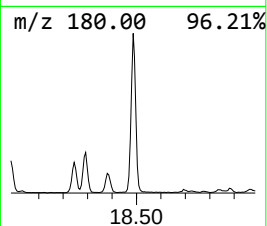
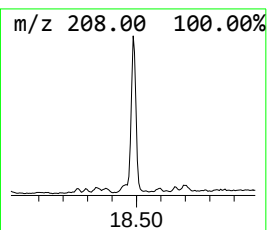
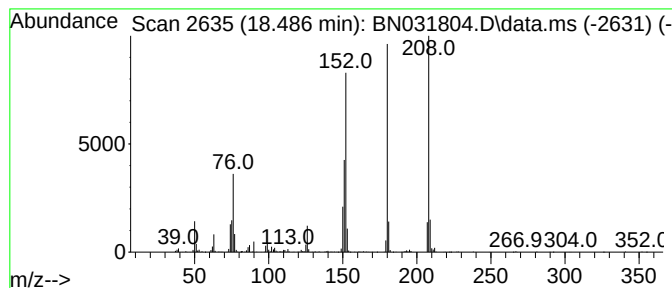
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	3.38 ng/ul	865110	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	97
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031804.D
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Sample : P2591-13DL 5X
Misc :
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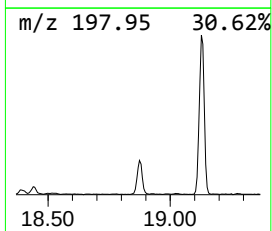
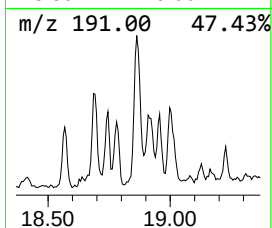
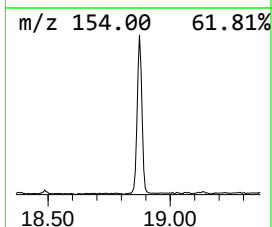
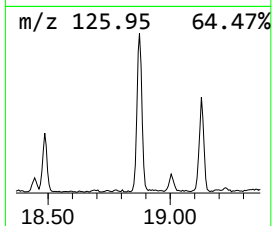
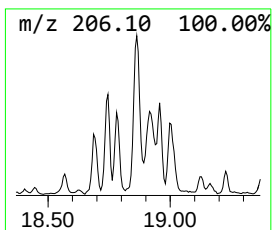
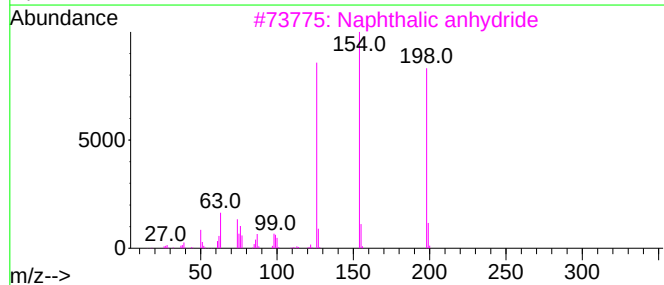
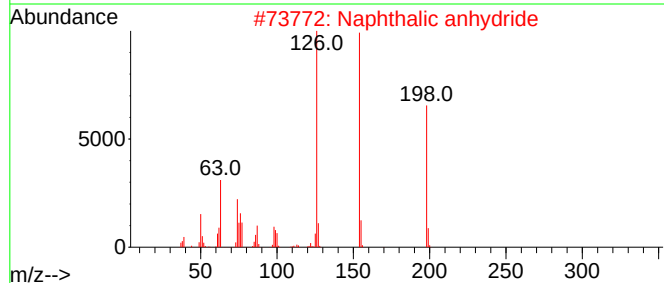
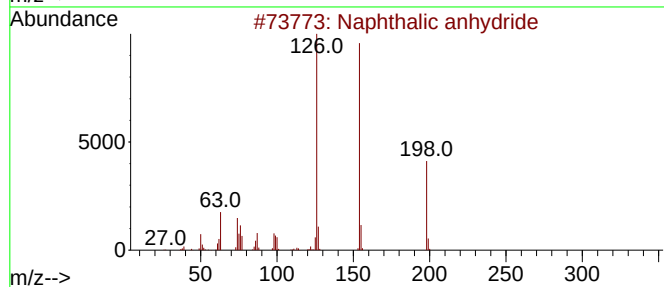
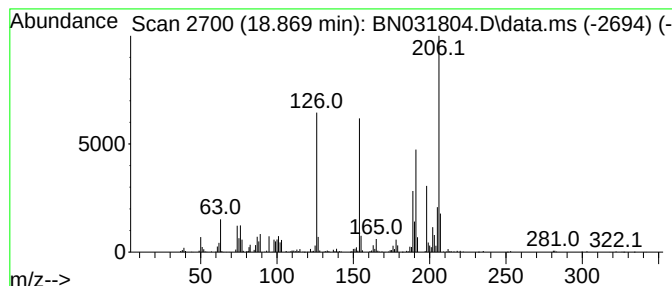
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalic anhydride Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.869	2.44 ng/ul	623290	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	93
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	93
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	93
4	Naphthalic anhydride	198	C12H6O3	000081-84-5	93
5	Naphthalic anhydride	198	C12H6O3	000081-84-5	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031804.D
Acq On : 05 Jun 2024 17:45
Operator : MA/JU
Sample : P2591-13DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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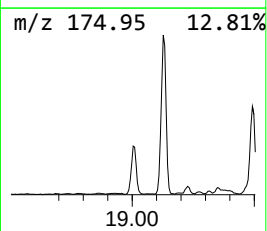
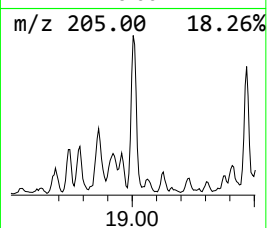
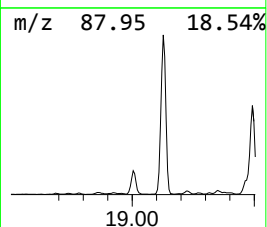
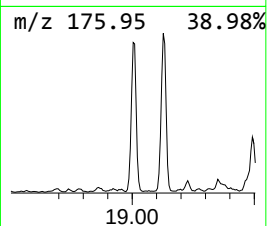
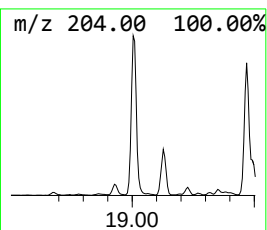
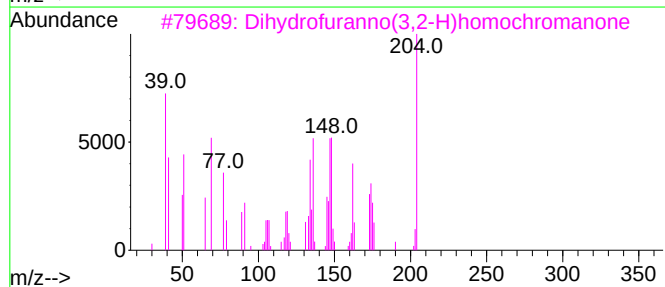
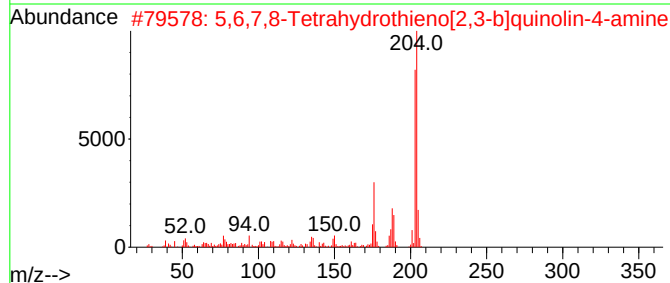
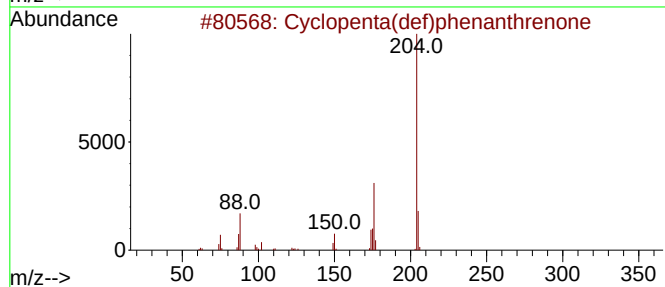
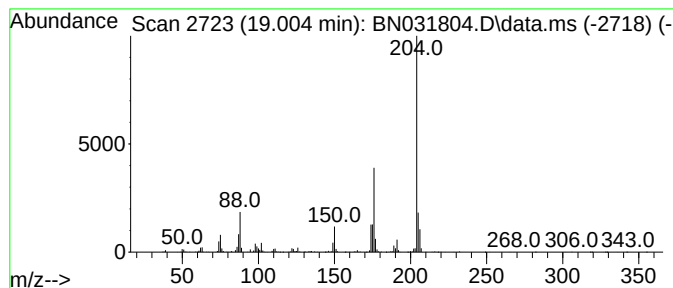
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.004	3.85 ng/ul	982921	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	53
3			Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	43
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
5			2,3,4,5,6-Pentahydroxyhexanal, 5TMS	540	C21H52O6Si5	1000498-35-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Acq On : 05 Jun 2024 17:45
Operator : MA/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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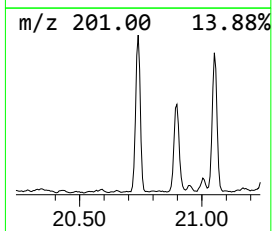
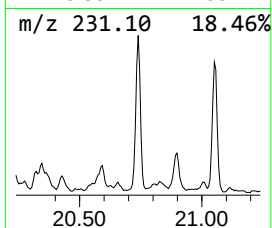
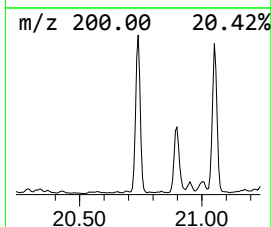
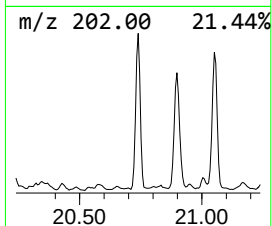
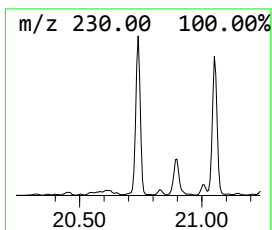
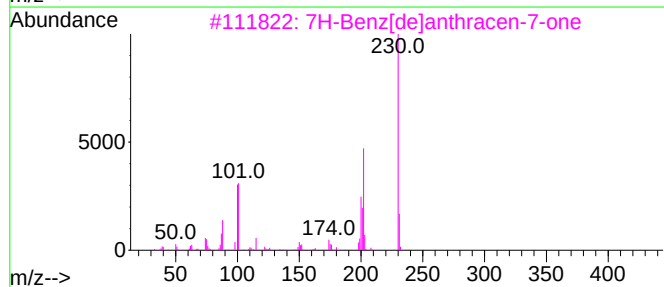
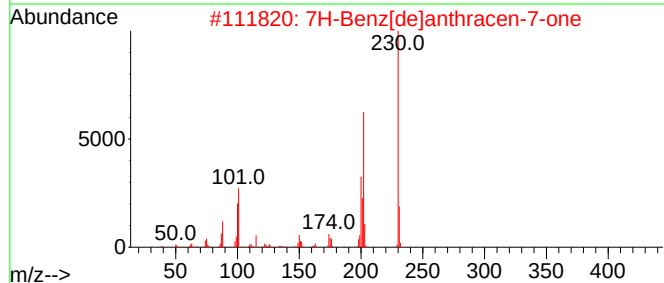
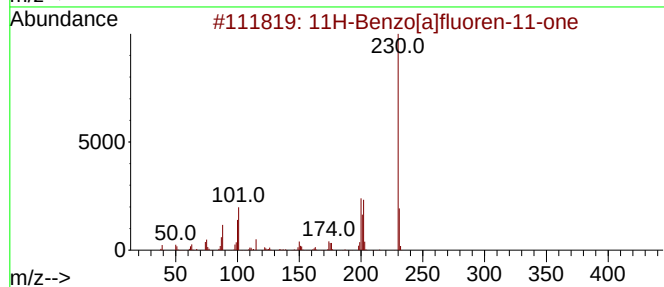
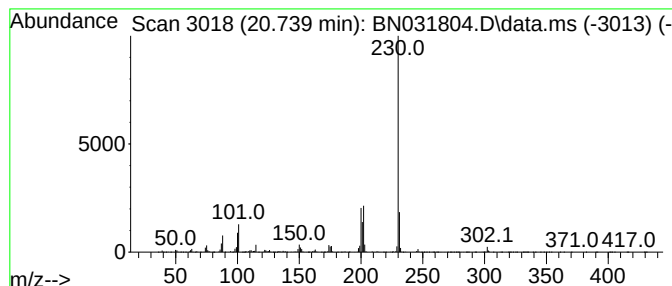
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.739	3.18 ng/ul	2280190	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	90
5			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031804.D
Acq On : 05 Jun 2024 17:45
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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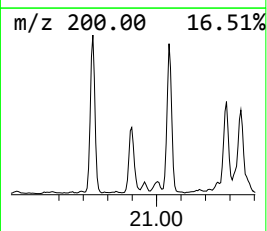
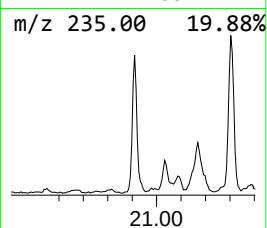
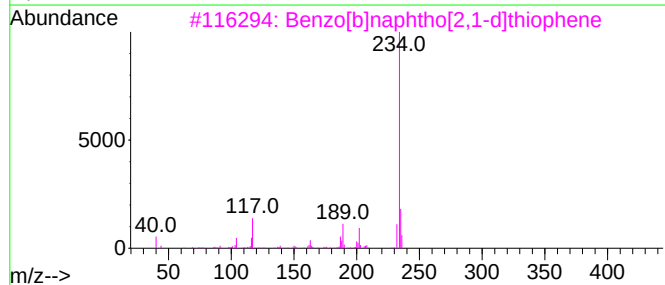
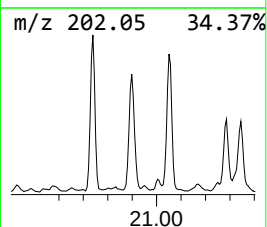
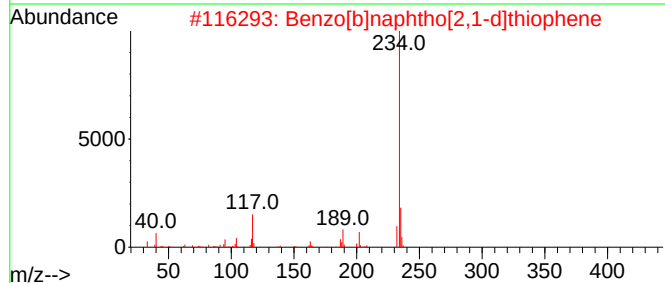
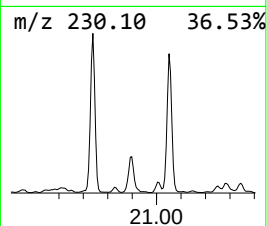
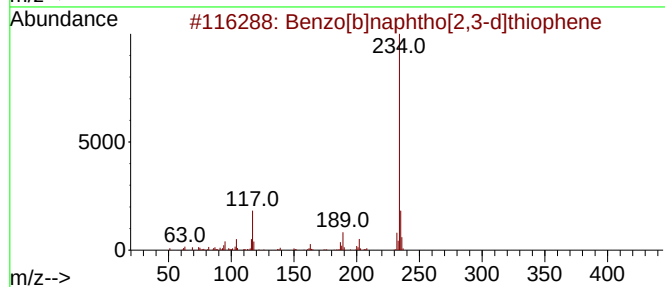
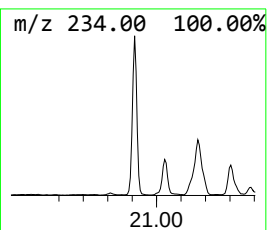
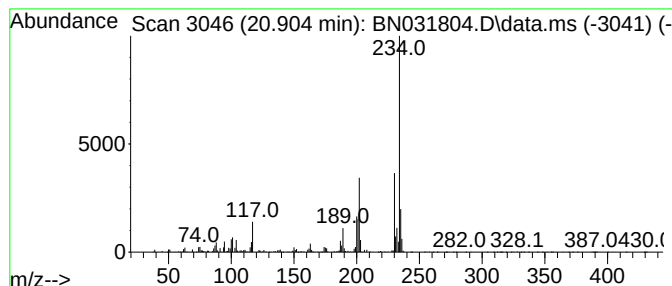
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.904	2.02 ng/ul	1451100	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
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[2,1-d]thiophene	234	C16H10S	000239-35-0	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031804.D
Acq On : 05 Jun 2024 17:45
Operator : MA/JU
Sample : P2591-13DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ4DL

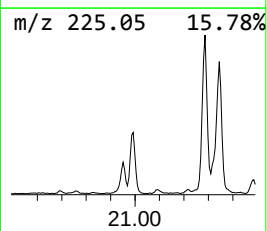
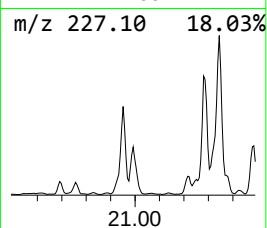
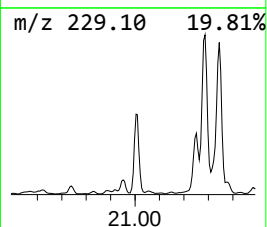
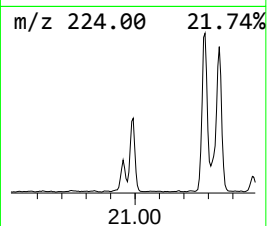
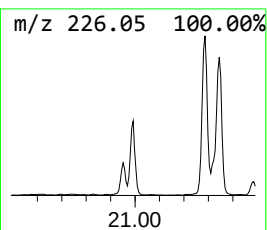
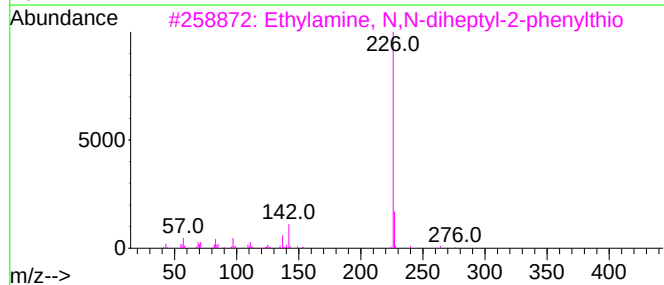
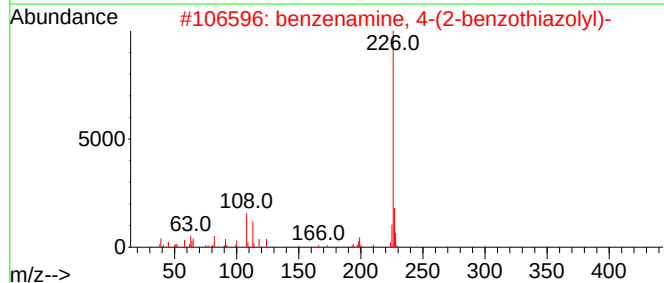
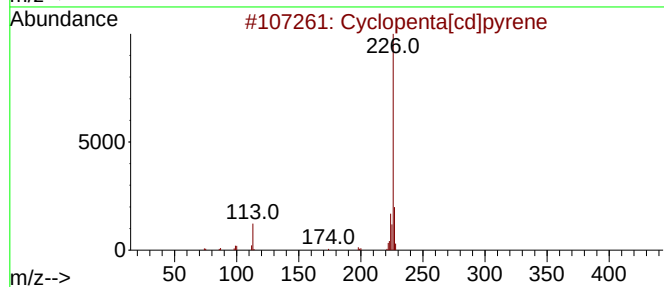
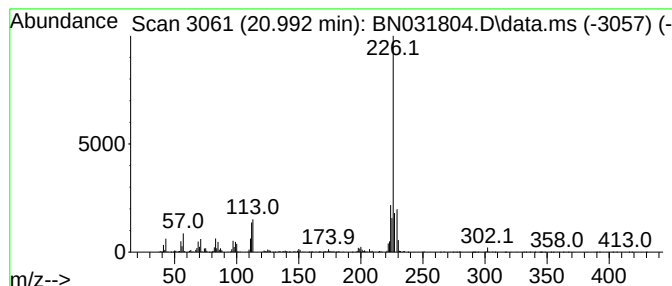
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Cyclopenta[cd]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	2.35 ng/ul	1688010	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	40
3			Ethylamine, N,N-diheptyl-2-pheny...	349	C22H39NS	1010310-32-6	38
4			4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	38
5			3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031804.D
Acq On : 05 Jun 2024 17:45
Operator : MA/JU
Sample : P2591-13DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ4DL

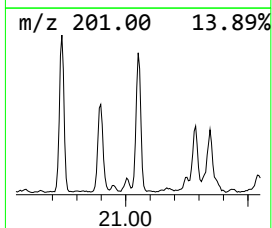
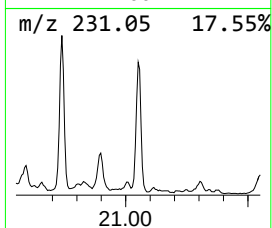
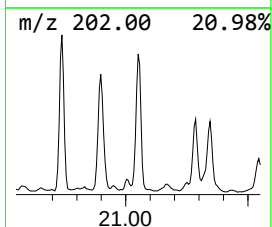
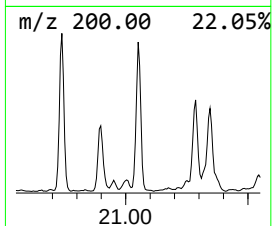
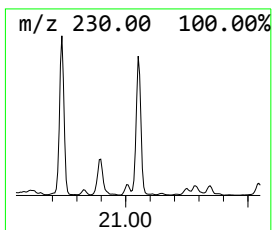
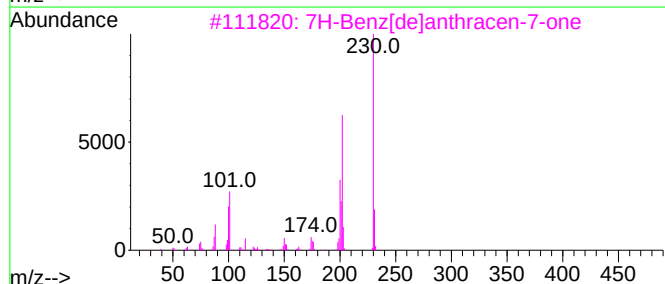
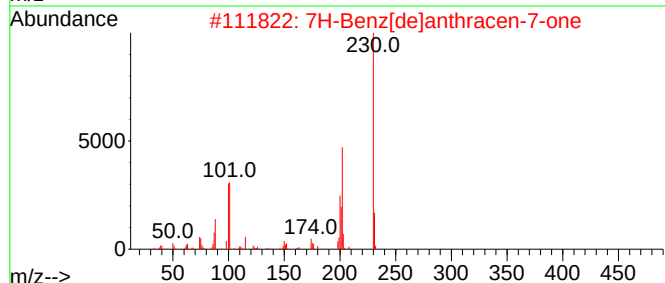
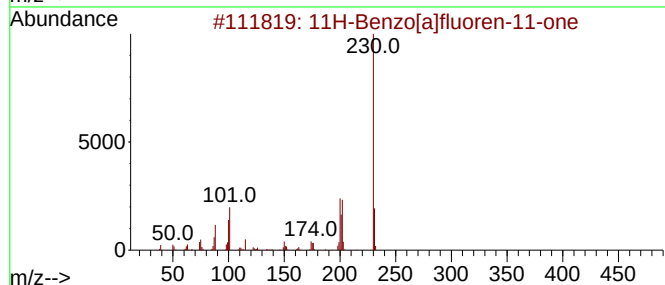
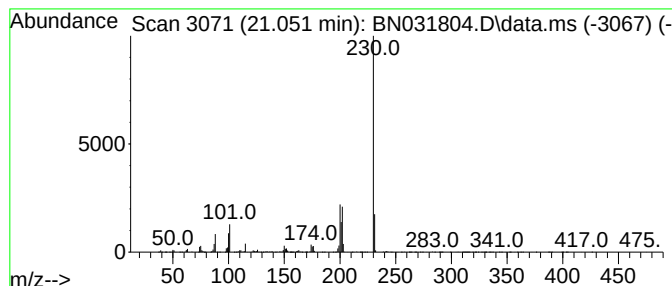
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 7H-Benz[de]anthracen-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.051	3.01 ng/ul	2159150	Chrysene-d12		21.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	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	87
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031804.D
Acq On : 05 Jun 2024 17:45
Operator : MA/JU
Sample : P2591-13DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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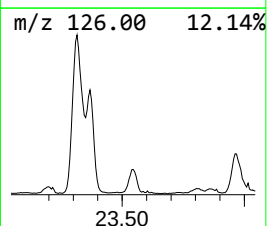
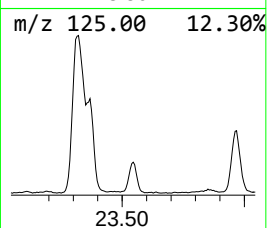
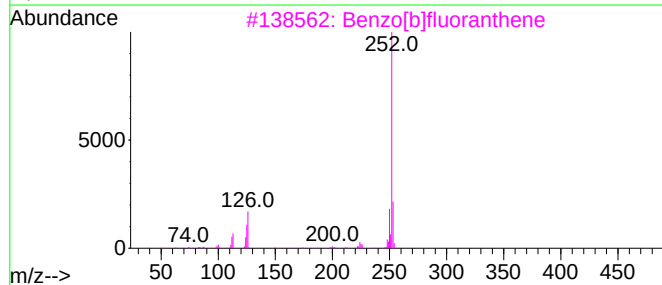
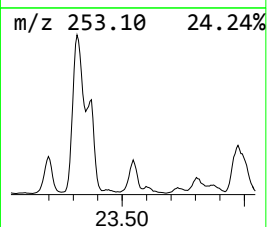
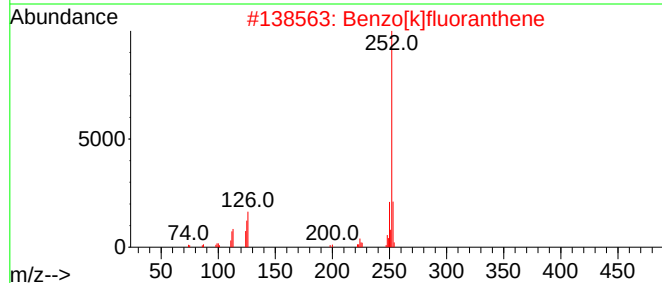
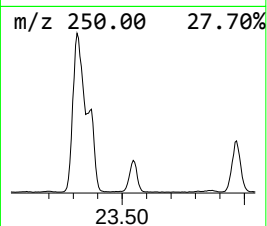
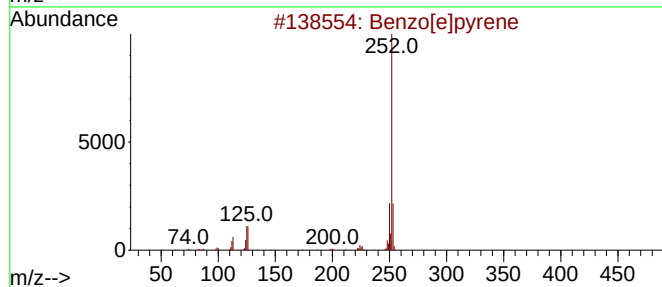
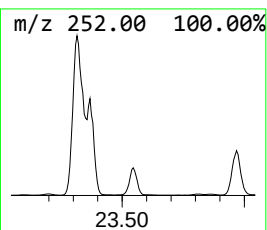
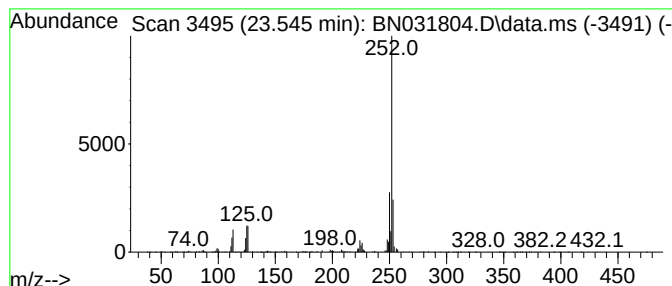
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.545	2.67 ng/ul	953134	Perylene-d12	24.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4			Benzo[a]pyrene	252	C20H12	000050-32-8	94
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031804.D
Acq On : 05 Jun 2024 17:45
Operator : MA/JU
Sample : P2591-13DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ4DL

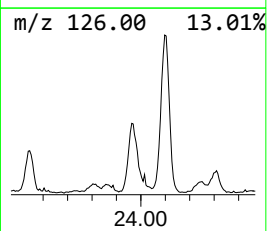
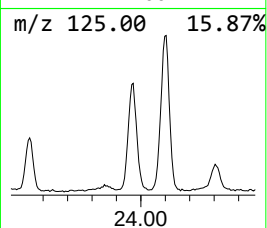
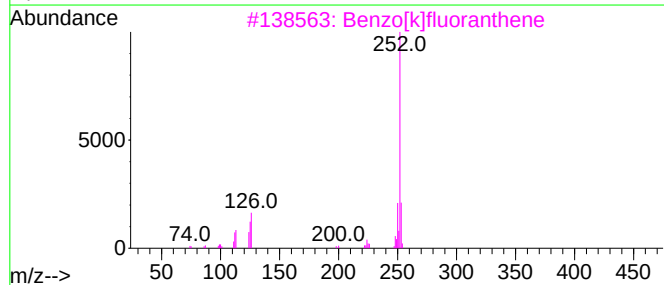
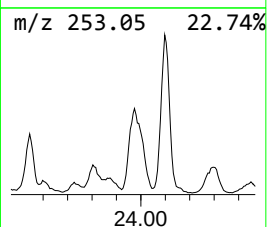
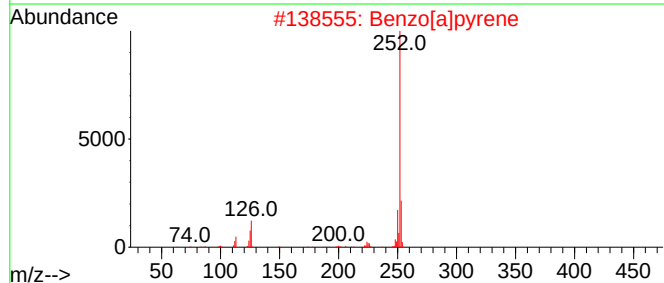
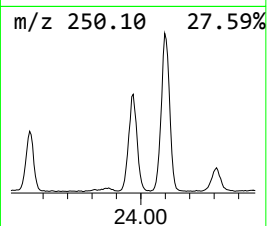
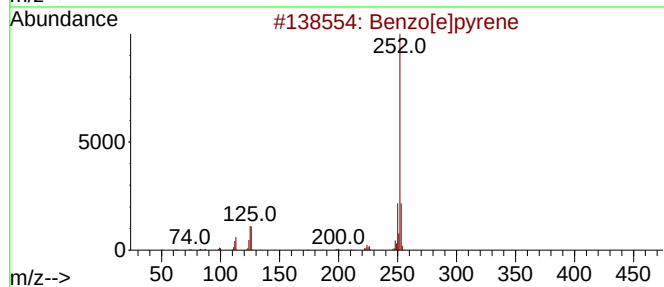
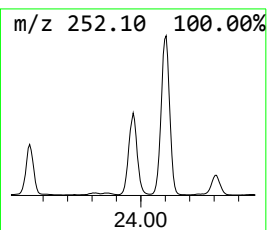
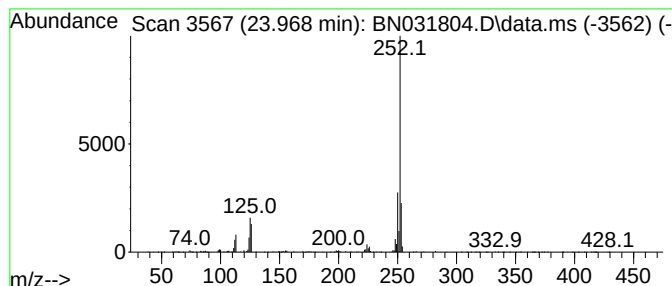
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.968	3.44 ng/ul	1226570	Perylene-d12	24.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	98
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4			Perylene	252	C20H12	000198-55-0	94
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031804.D
Acq On : 05 Jun 2024 17:45
Operator : MA/JU
Sample : P2591-13DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ4DL

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
9H-Fluoren-9-one	16.722	3.4	ng/ul	870243	4	17.069	5112690	20.0
Phenanthrene, 2...	17.939	3.7	ng/ul	944997	4	17.069	5112690	20.0
Anthracene, 2-m...	17.986	5.0	ng/ul	1290020	4	17.069	5112690	20.0
4H-Cyclopenta[d...	18.133	4.9	ng/ul	1254540	4	17.069	5112690	20.0
Naphthalene, 2-...	18.445	2.5	ng/ul	644953	4	17.069	5112690	20.0
9,10-Anthracene...	18.486	3.4	ng/ul	865110	4	17.069	5112690	20.0
Naphthalic anhy...	18.869	2.4	ng/ul	623290	4	17.069	5112690	20.0
Cyclopenta(def)...	19.004	3.9	ng/ul	982921	4	17.069	5112690	20.0
11H-Benzo[a]flu...	20.739	3.2	ng/ul	2280190	5	21.304	14359300	20.0
Benzo[b]naphtho...	20.904	2.0	ng/ul	1451100	5	21.304	14359300	20.0
Cyclopenta[cd]p...	20.992	2.4	ng/ul	1688010	5	21.304	14359300	20.0
7H-Benz[de]anth...	21.051	3.0	ng/ul	2159150	5	21.304	14359300	20.0
Benzo[e]pyrene	23.545	2.7	ng/ul	953134	6	24.239	7131190	20.0
Perylene	23.968	3.4	ng/ul	1226570	6	24.239	7131190	20.0