

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031784.D
 Acq On : 04 Jun 2024 20:11
 Operator : MA/JU
 Sample : P2591-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBW3

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: BN031784.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.852	646	657	671	rVB	1500273	2404149	9.24%	0.806%
2	7.022	678	686	699	rBV	1252030	1976355	7.60%	0.663%
3	7.211	711	718	727	rVB	1508530	2445059	9.40%	0.820%
4	7.681	790	798	805	rBV	1599569	2656795	10.21%	0.891%
5	8.381	910	917	925	rBV	1805919	2947043	11.33%	0.988%
6	8.834	987	994	1002	rBV	1451081	2425886	9.33%	0.814%
7	9.552	1107	1116	1128	rBV	1093450	1846993	7.10%	0.619%
8	10.087	1196	1207	1216	rBV	1841174	3166599	12.17%	1.062%
9	10.463	1262	1271	1276	rBV	2369673	4051475	15.58%	1.359%
10	10.510	1276	1279	1286	rVV	362768	576096	2.21%	0.193%
11	10.604	1287	1295	1313	rVB	1379691	2372508	9.12%	0.796%
12	11.204	1391	1397	1403	rBV	189988	355136	1.37%	0.119%
13	12.128	1548	1554	1563	rVB	244428	392082	1.51%	0.131%
14	12.351	1583	1592	1600	rVV	219381	360816	1.39%	0.121%
15	13.493	1778	1786	1793	rBV3	102388	277908	1.07%	0.093%
16	13.640	1805	1811	1816	rBV	215035	374568	1.44%	0.126%
17	13.740	1823	1828	1834	rVB	3092766	4388812	16.87%	1.472%
18	14.016	1868	1875	1886	rVB	3748299	6087092	23.40%	2.041%
19	14.322	1917	1927	1933	rBV	3410041	5190748	19.96%	1.741%
20	14.387	1933	1938	1946	rVB	1023165	1480842	5.69%	0.497%
21	14.528	1956	1962	1969	rBV	915758	1540468	5.92%	0.517%
22	14.722	1990	1995	2004	rVV	853061	1356612	5.22%	0.455%
23	15.316	2089	2096	2101	rVV	4699297	6937221	26.67%	2.326%
24	15.375	2101	2106	2113	rVV	1058151	1656486	6.37%	0.556%
25	15.445	2113	2118	2123	rVV2	425718	699418	2.69%	0.235%
26	15.534	2130	2133	2138	rVV2	169598	284356	1.09%	0.095%
27	15.669	2151	2156	2164	rVB	439482	664952	2.56%	0.223%
28	15.810	2175	2180	2189	rVB	452364	892965	3.43%	0.299%
29	16.045	2213	2220	2227	rVB3	233178	472591	1.82%	0.158%
30	16.351	2265	2272	2273	rBV3	173649	277088	1.07%	0.093%
31	16.375	2273	2276	2281	rVV2	243266	414976	1.60%	0.139%
32	16.604	2307	2315	2318	rBV2	234910	429346	1.65%	0.144%
33	16.645	2318	2322	2325	rVV2	247692	400578	1.54%	0.134%
34	16.728	2331	2336	2343	rVV	1443630	2089629	8.03%	0.701%
35	16.798	2343	2348	2358	rVV3	259994	694264	2.67%	0.233%
36	16.886	2358	2363	2372	rVB	908328	1405035	5.40%	0.471%

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Smoothing : OFF

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	17.069	2388	2394	2397	rVV	3322810	5025135	19.32%	1.685%
38	17.116	2397	2402	2407	rVV	14048029	21663021	83.29%	7.265%
39	17.169	2407	2411	2414	rVV2	4683590	6841190	26.30%	2.294%
40	17.204	2414	2417	2422	rVV	3393219	4449398	17.11%	1.492%
41	17.257	2422	2426	2432	rVB4	228054	390916	1.50%	0.131%
42	17.475	2454	2463	2476	rVV	1851388	3327910	12.80%	1.116%
43	17.592	2479	2483	2488	rVV2	327327	559000	2.15%	0.187%
44	17.651	2488	2493	2501	rVB4	375060	701940	2.70%	0.235%
45	17.945	2534	2543	2546	rBV	1712330	2674431	10.28%	0.897%
46	17.992	2546	2551	2556	rVV	2598306	4241819	16.31%	1.423%
47	18.045	2556	2560	2561	rVV	269317	300612	1.16%	0.101%
48	18.075	2561	2565	2570	rVB	672852	961047	3.70%	0.322%
49	18.139	2570	2576	2580	rBV2	2148025	3931863	15.12%	1.319%
50	18.175	2580	2582	2589	rVB	1044000	1298835	4.99%	0.436%
51	18.257	2591	2596	2599	rBV2	196998	344110	1.32%	0.115%
52	18.298	2599	2603	2606	rVV2	261752	361123	1.39%	0.121%
53	18.451	2624	2629	2632	rVV	1368028	1834094	7.05%	0.615%
54	18.492	2632	2636	2642	rVB	1677380	2197136	8.45%	0.737%
55	18.692	2667	2670	2675	rVV3	328856	443763	1.71%	0.149%
56	18.745	2675	2679	2682	rVV	362786	474119	1.82%	0.159%
57	18.786	2682	2686	2690	rVB	377962	490952	1.89%	0.165%
58	18.869	2695	2700	2705	rBV2	745489	1409151	5.42%	0.473%
59	18.963	2714	2716	2719	rVB	284240	275956	1.06%	0.093%
60	19.010	2719	2724	2729	rBV	1369569	2104190	8.09%	0.706%
61	19.139	2739	2746	2752	rVB	17281443	26009096	100.00%	8.722%
62	19.198	2753	2756	2759	rBV	263119	345243	1.33%	0.116%
63	19.233	2759	2762	2765	rBV2	368356	458352	1.76%	0.154%
64	19.333	2774	2779	2782	rBV2	355499	618481	2.38%	0.207%
65	19.380	2783	2787	2790	rVB	416182	617835	2.38%	0.207%
66	19.469	2796	2802	2804	rBV2	6848358	10014185	38.50%	3.358%
67	19.498	2804	2807	2815	rVV	12422271	17837385	68.58%	5.982%
68	19.569	2815	2819	2824	rVB2	866917	1192490	4.58%	0.400%
69	19.675	2833	2837	2842	rVB	1019505	1409258	5.42%	0.473%
70	19.739	2843	2848	2853	rVB	644410	1081438	4.16%	0.363%
71	19.816	2856	2861	2863	rBV2	1083530	1799117	6.92%	0.603%
72	19.957	2880	2885	2887	rBV4	836381	1427926	5.49%	0.479%
73	19.992	2888	2891	2898	rVB	1336030	1800638	6.92%	0.604%
74	20.092	2904	2908	2911	rBV	556002	739253	2.84%	0.248%
75	20.151	2911	2918	2922	rVV2	1463446	2580887	9.92%	0.866%
76	20.186	2922	2924	2928	rVB	413385	480287	1.85%	0.161%

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77	20.233	2929	2932	2936	rBV2	304530	401964	1.55%	0.135%
78	20.292	2938	2942	2945	rBV	568476	720678	2.77%	0.242%
79	20.333	2946	2949	2954	rVV4	603483	915634	3.52%	0.307%
80	20.557	2983	2987	2989	rBV4	301441	458728	1.76%	0.154%
81	20.739	3014	3018	3025	rBV	2683229	3710903	14.27%	1.244%
82	20.910	3041	3047	3051	rBV2	1604848	3150839	12.11%	1.057%
83	20.951	3051	3054	3058	rVV	1448328	2186541	8.41%	0.733%
84	20.992	3058	3061	3067	rVV3	2032921	3797960	14.60%	1.274%
85	21.057	3067	3072	3084	rVB	2425672	3869487	14.88%	1.298%
86	21.216	3095	3099	3103	rVB	1274682	1468230	5.65%	0.492%
87	21.292	3106	3112	3118	rVV3	8955096	18618226	71.58%	6.244%
88	21.351	3118	3122	3133	rVB	7173936	11549929	44.41%	3.873%
89	21.486	3142	3145	3152	rBV3	525768	1017039	3.91%	0.341%
90	21.680	3173	3178	3184	rBV3	490894	1101135	4.23%	0.369%
91	21.980	3225	3229	3234	rVB2	1102247	1806071	6.94%	0.606%
92	22.045	3236	3240	3249	rVB3	725365	1384871	5.32%	0.464%
93	22.227	3267	3271	3275	rBV	513724	798906	3.07%	0.268%
94	23.327	3449	3458	3464	rBV2	5226425	15993214	61.49%	5.364%
95	23.551	3492	3496	3503	rVB	904414	1806702	6.95%	0.606%
96	23.974	3563	3568	3574	rBV	983473	2216243	8.52%	0.743%
97	24.051	3575	3581	3585	rVV2	1221321	2698819	10.38%	0.905%
98	24.110	3586	3591	3604	rVB	2778534	6427679	24.71%	2.156%
99	24.245	3607	3614	3622	rBV2	1588515	4274428	16.43%	1.433%
100	27.562	4171	4178	4200	rVB4	1506908	7104520	27.32%	2.383%

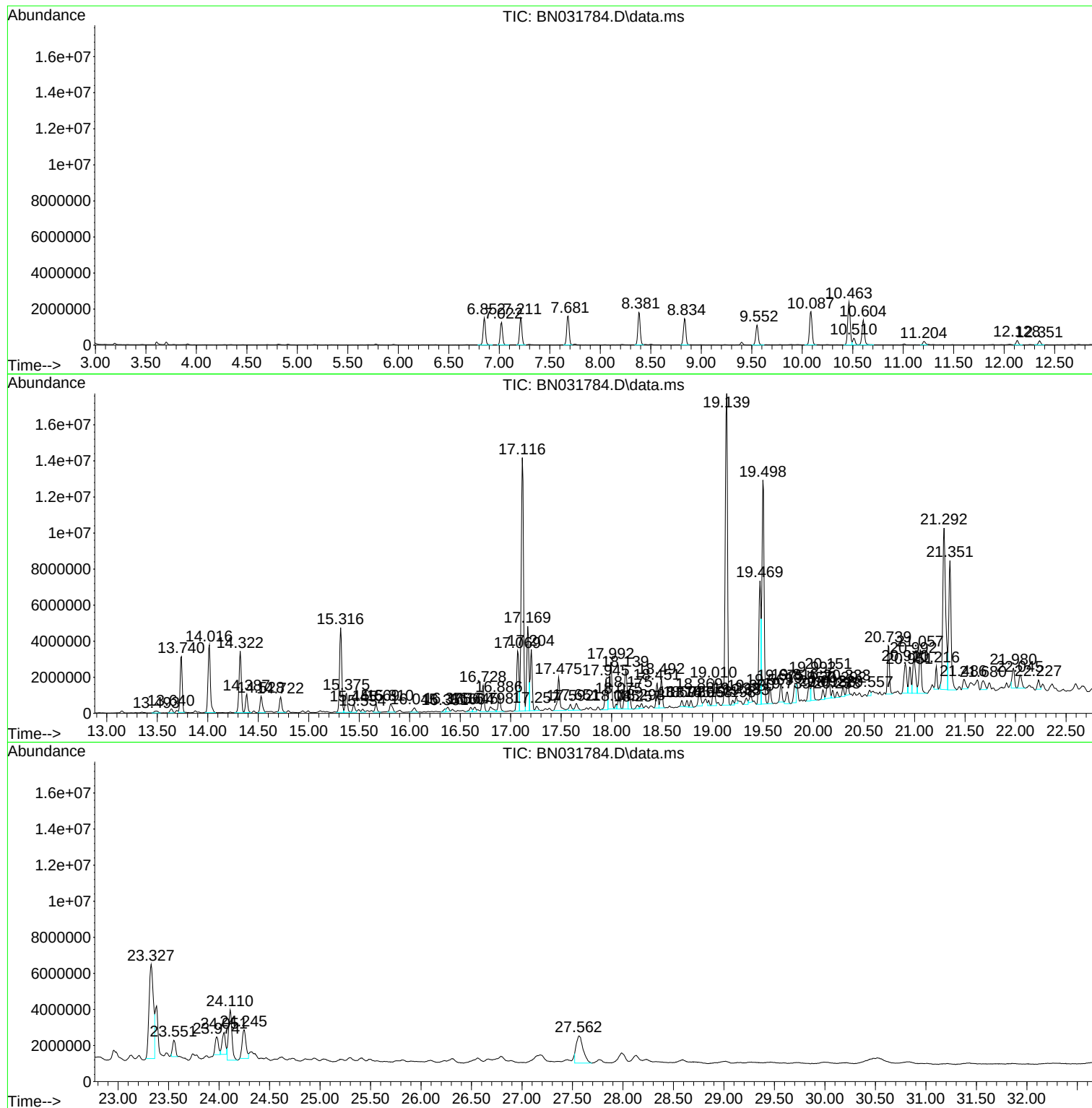
Sum of corrected areas: 298185275

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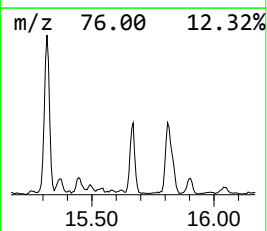
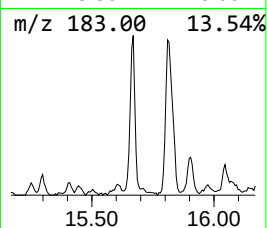
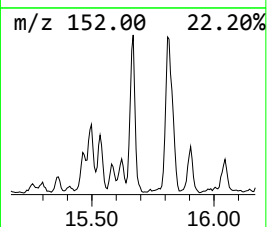
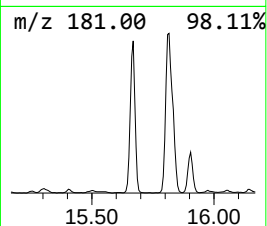
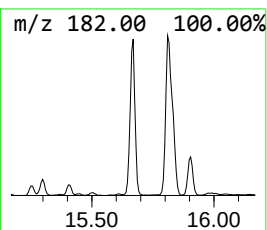
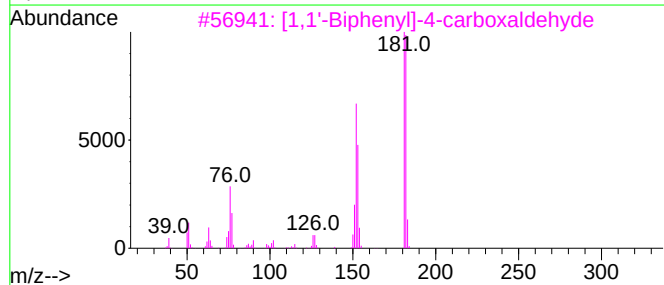
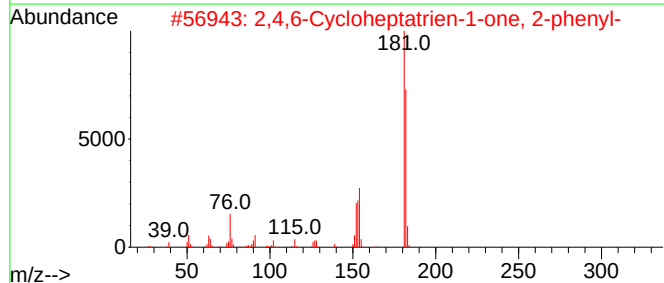
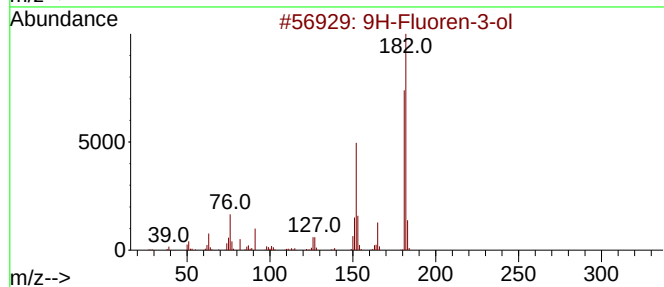
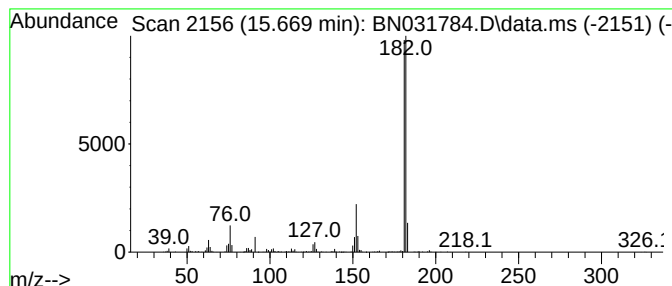
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 9H-Fluoren-3-ol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	2.56 ng/ul	664952	Acenaphthene-d10	14.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
2			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78



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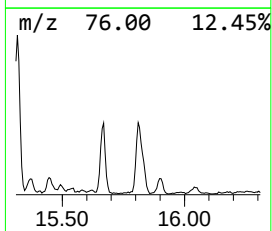
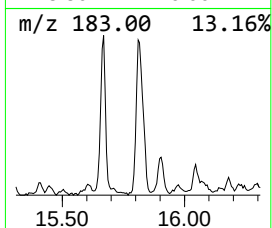
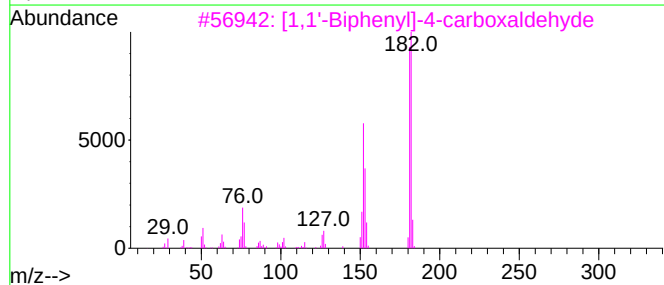
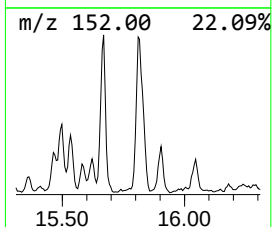
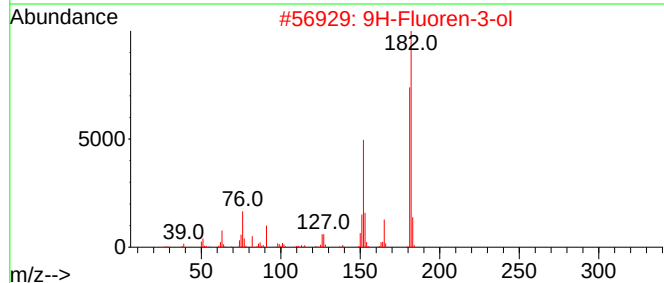
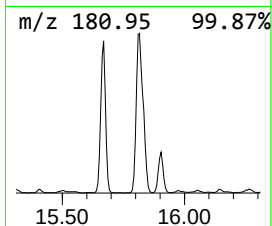
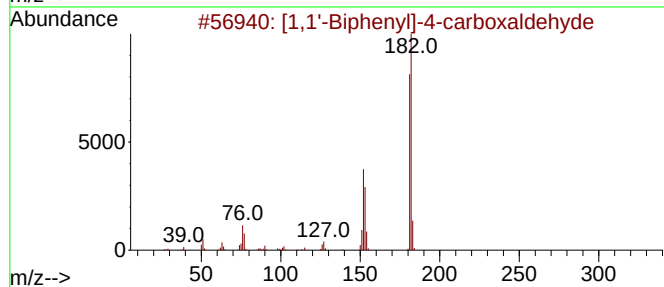
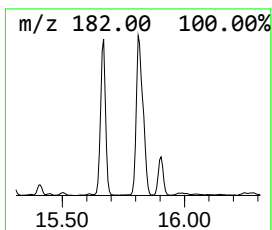
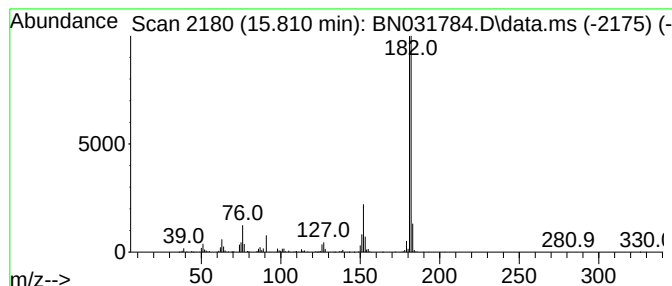
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.810	3.55 ng/ul	892965	Phenanthrene-d10		17.069	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	91
2	9H-Fluoren-3-ol		182	C13H10O	006344-67-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	78
4	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	78
5	9H-Fluoren-9-ol		182	C13H10O	001689-64-1	78



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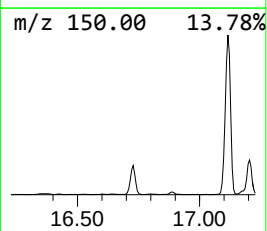
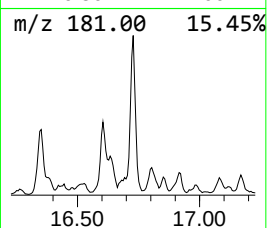
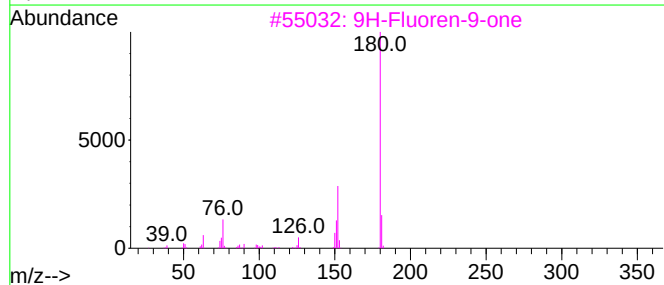
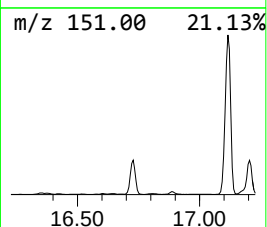
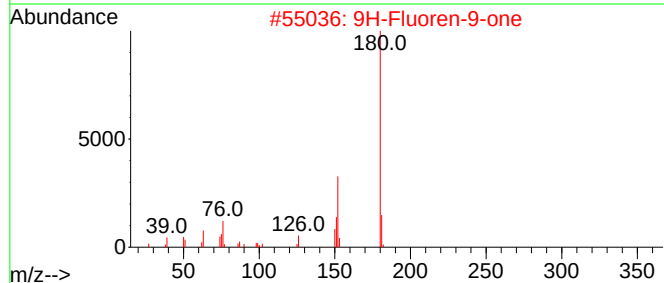
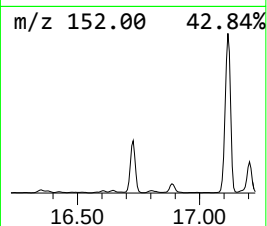
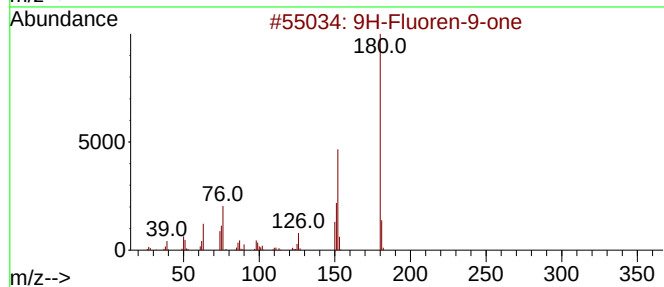
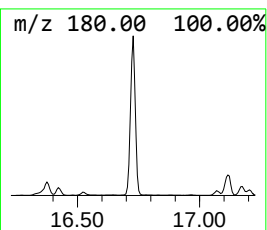
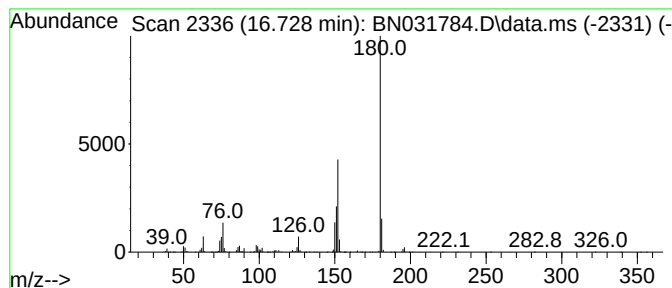
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 9H-Fluoren-9-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.728	8.32 ng/ul	2089630	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	95



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Data File : BN031784.D
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Operator : MA/JU
Sample : P2591-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

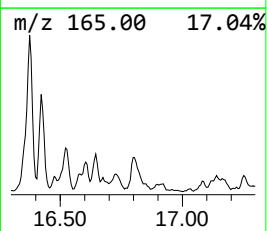
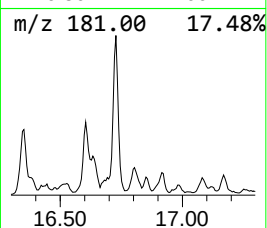
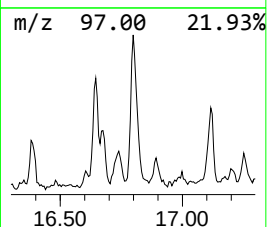
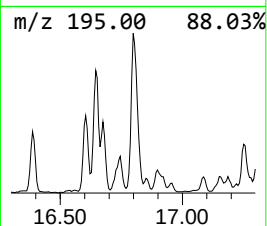
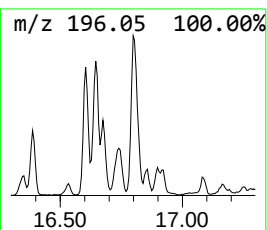
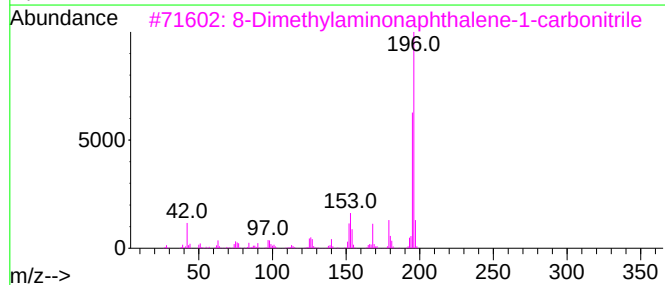
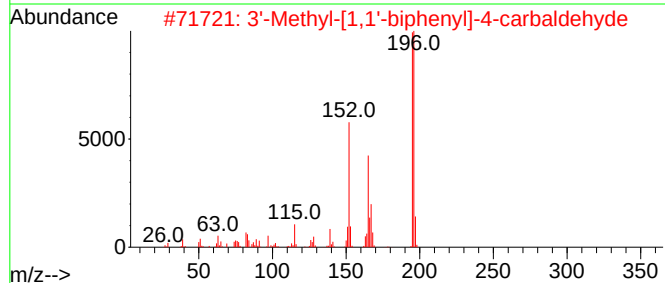
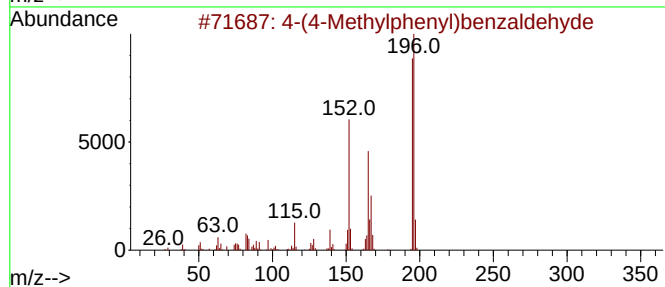
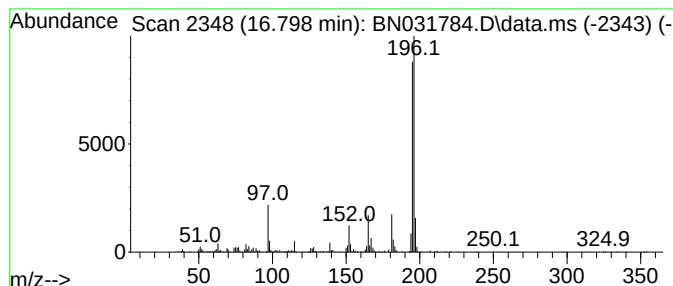
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 4-(4-Methylphenyl)benzaldehyde Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.798	2.76 ng/ul	694264	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	81
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	81
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
4	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	59
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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ClientSampleId :
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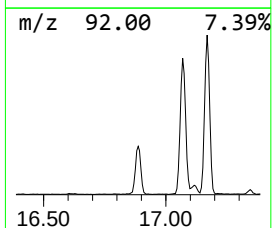
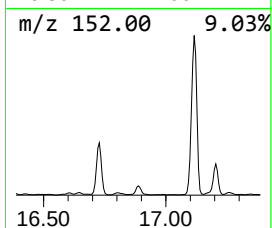
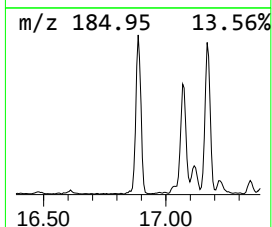
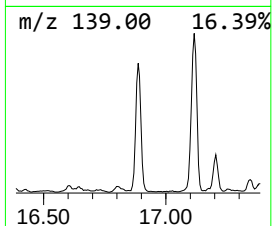
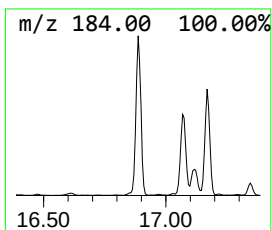
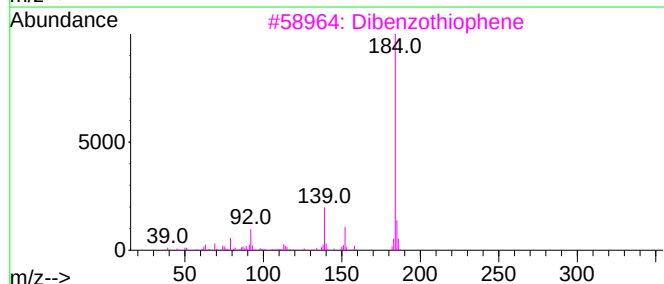
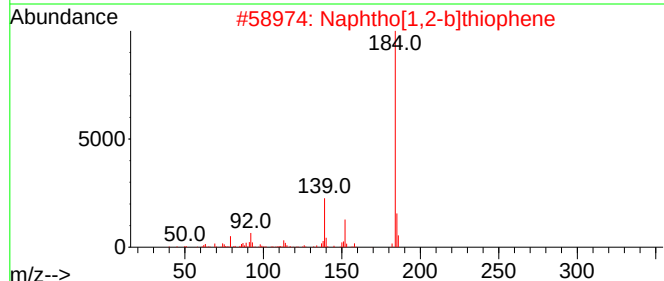
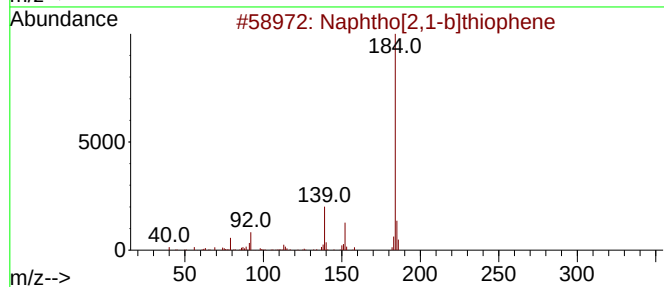
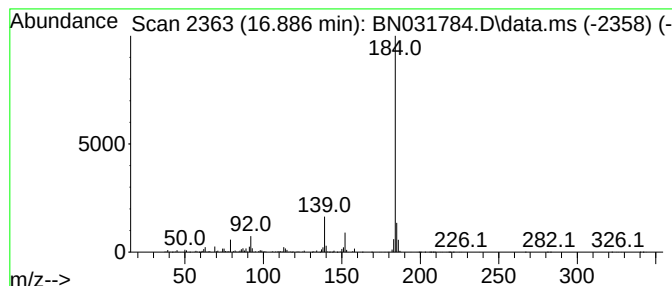
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.887	5.59 ng/ul	1405040	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
3			Dibenzothiophene	184	C12H8S	000132-65-0	97
4			Dibenzothiophene	184	C12H8S	000132-65-0	95
5			Dibenzothiophene	184	C12H8S	000132-65-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031784.D
Acq On : 04 Jun 2024 20:11
Operator : MA/JU
Sample : P2591-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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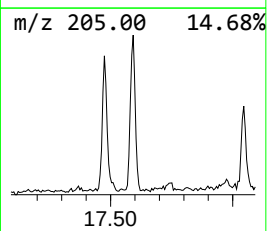
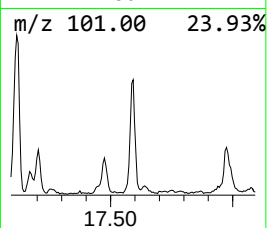
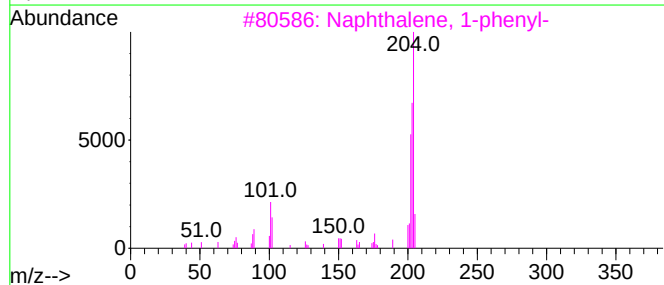
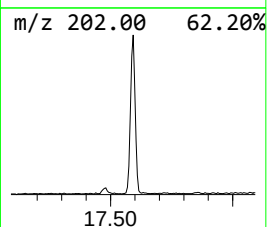
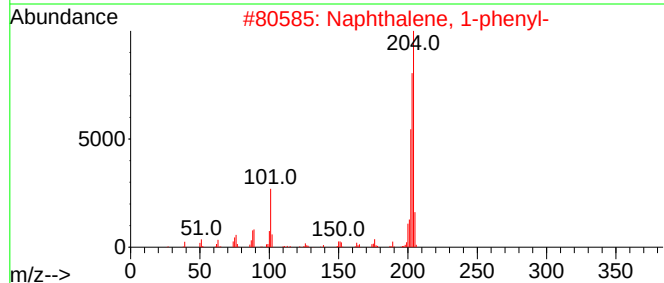
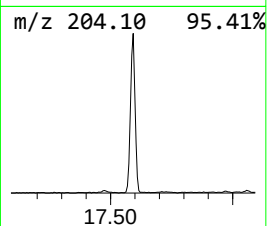
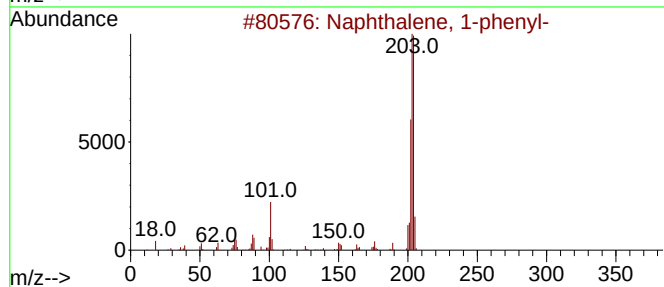
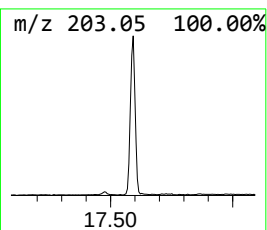
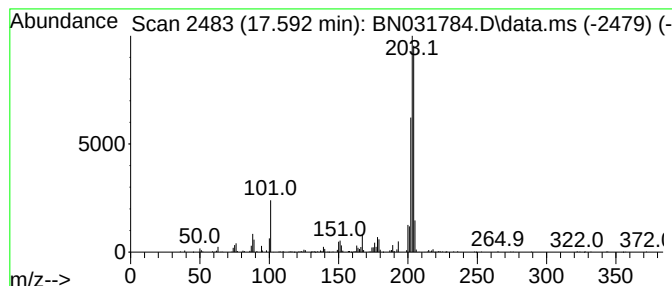
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1-phenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.592	2.22 ng/ul	559000	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	97
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
4			Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
5			Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Sample : P2591-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

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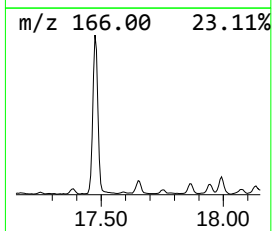
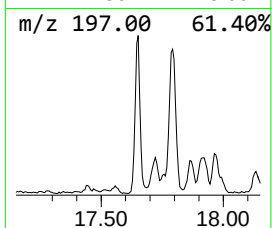
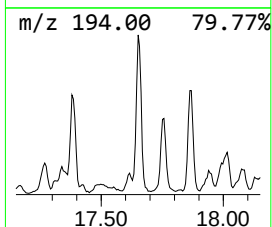
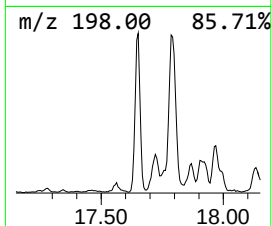
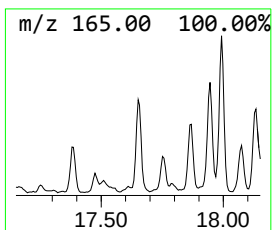
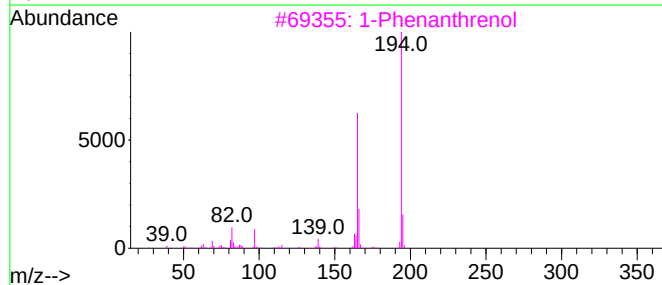
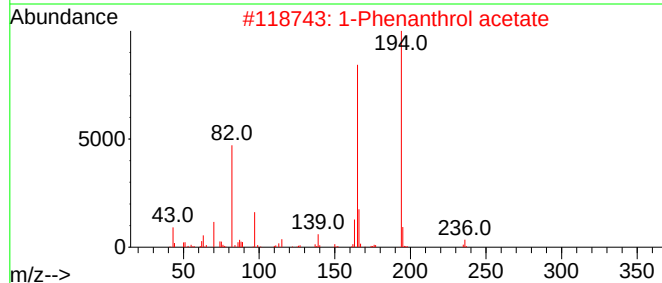
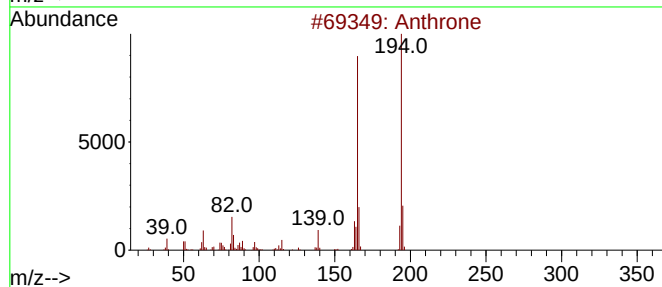
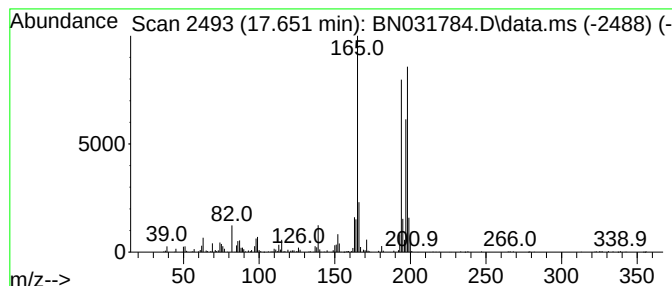
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Anthrone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	2.79 ng/ul	701940	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthrone	194	C14H10O	000090-44-8	78
2			1-Phenanthrol acetate	236	C16H12O2	118621-70-8	70
3			1-Phenanthrenol	194	C14H10O	002433-56-9	60
4			Anthrone	194	C14H10O	000090-44-8	60
5			9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031784.D
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Sample : P2591-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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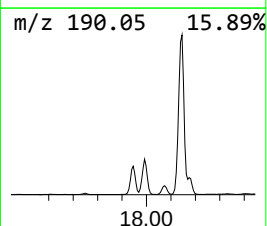
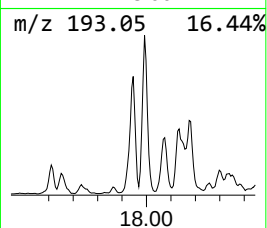
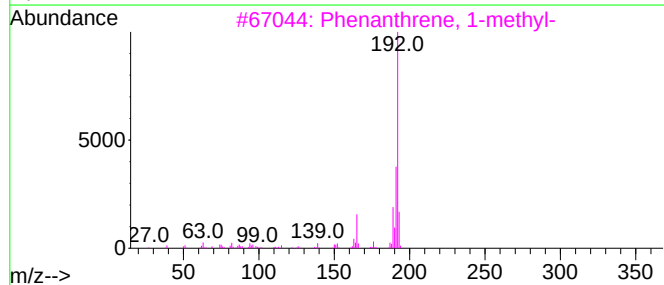
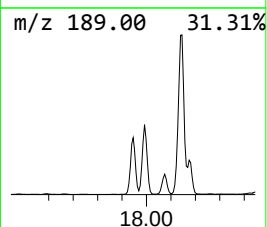
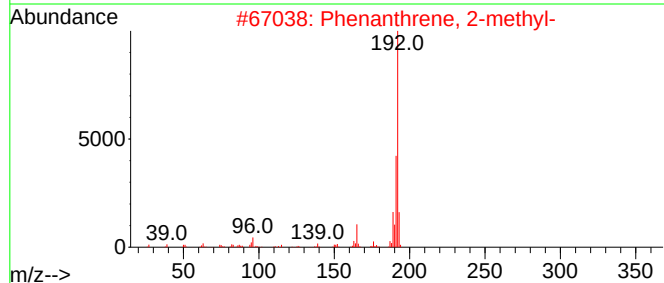
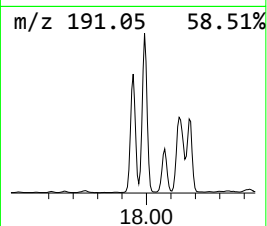
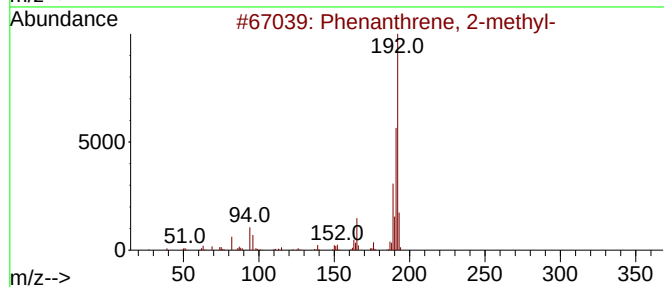
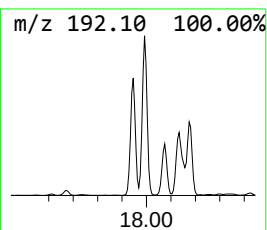
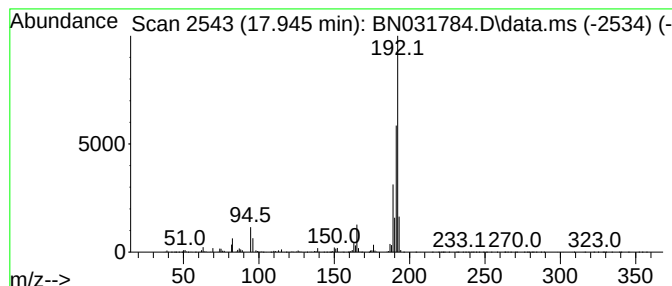
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	10.64 ng/ul	2674430	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			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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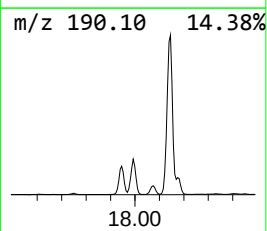
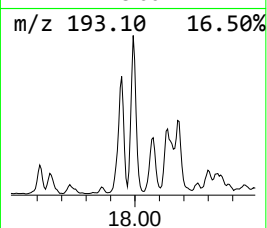
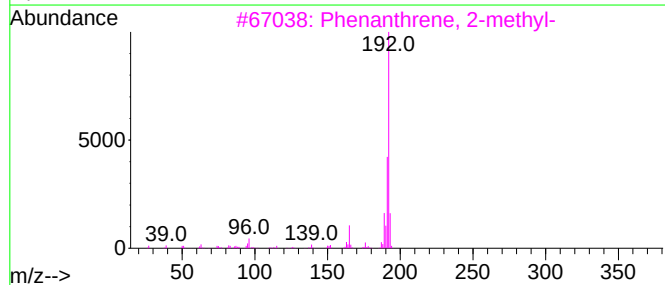
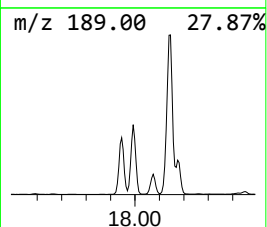
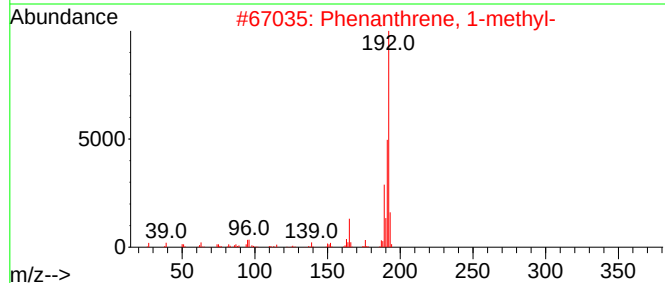
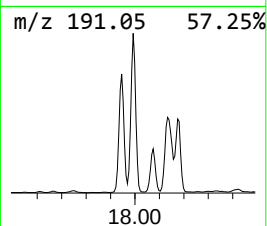
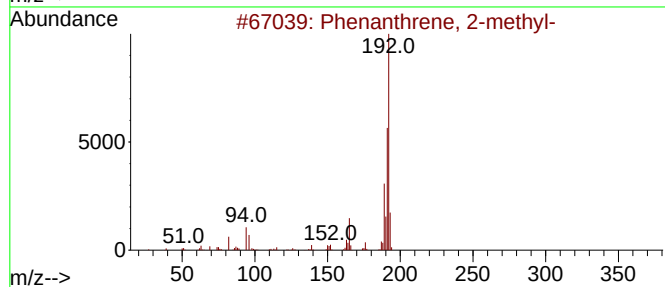
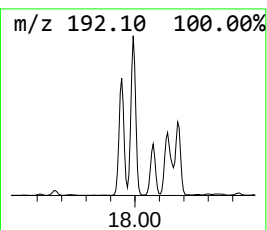
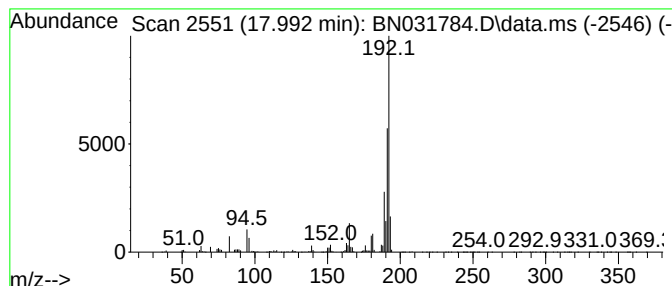
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	16.88 ng/ul	4241820	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, 1-methyl-	192	C15H12	000832-69-9	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Sample : P2591-17
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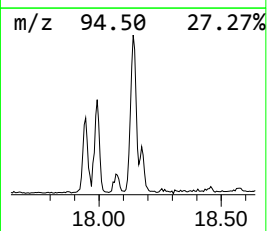
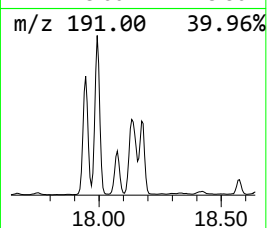
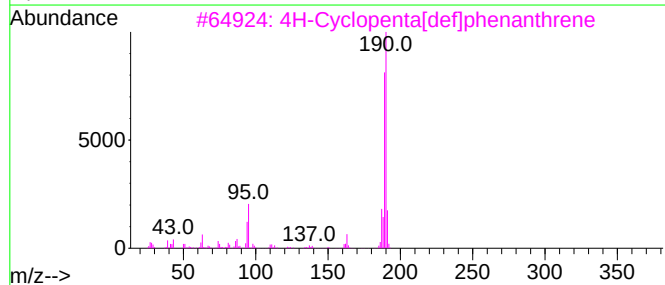
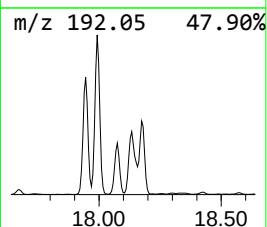
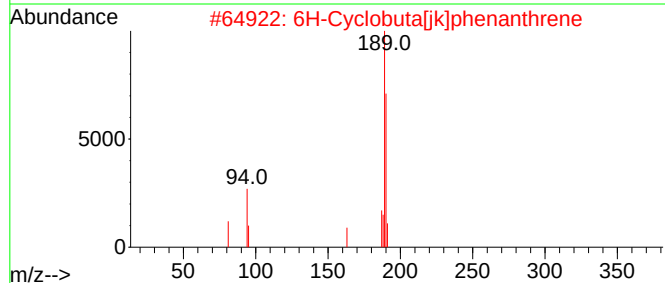
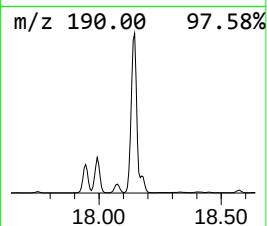
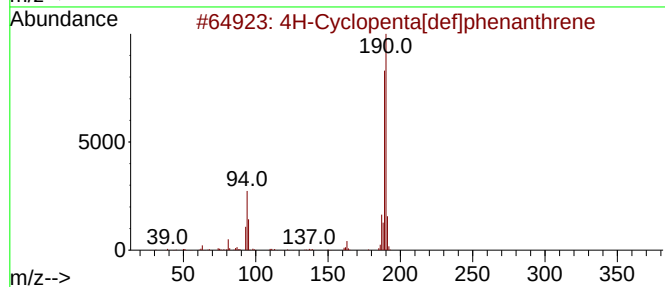
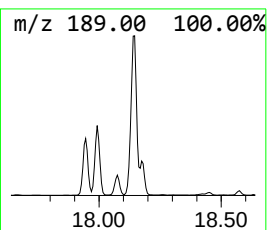
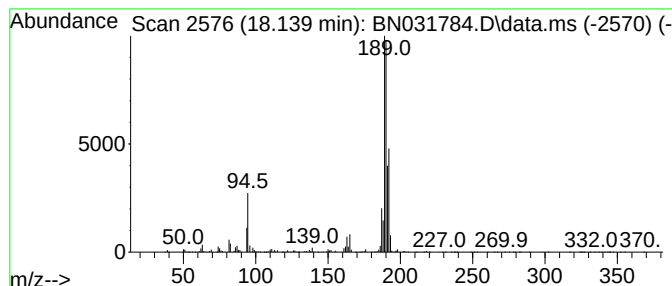
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.139	15.65 ng/ul	3931860	Phenanthrene-d10			17.069
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	59
3	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	53
4	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	50
5	Carbonic acid, ethyl 2-formyl-4,...		262	C10H8Cl2O4	1000331-34-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031784.D
Acq On : 04 Jun 2024 20:11
Operator : MA/JU
Sample : P2591-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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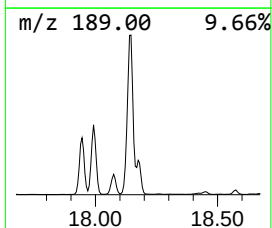
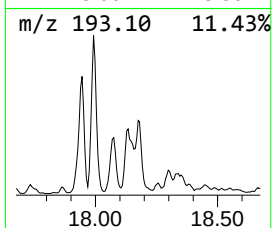
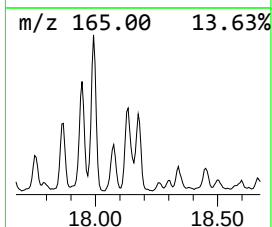
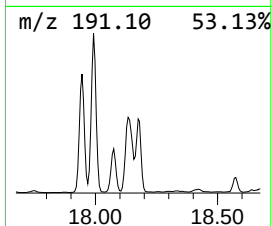
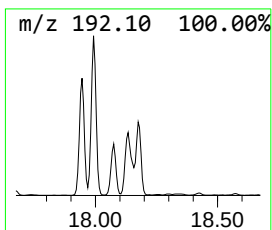
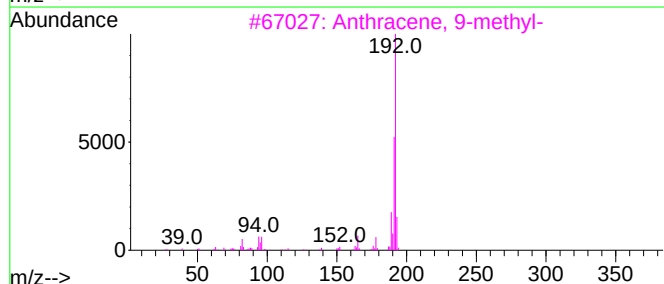
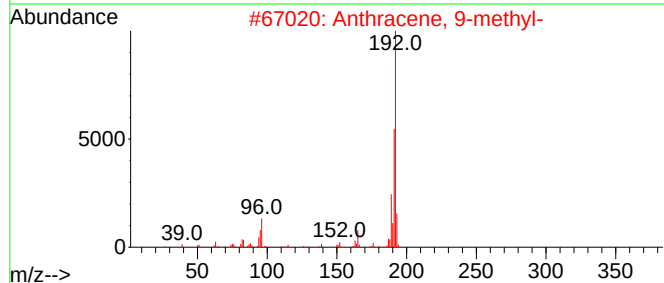
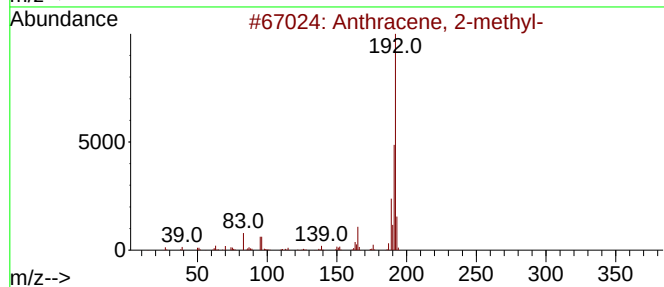
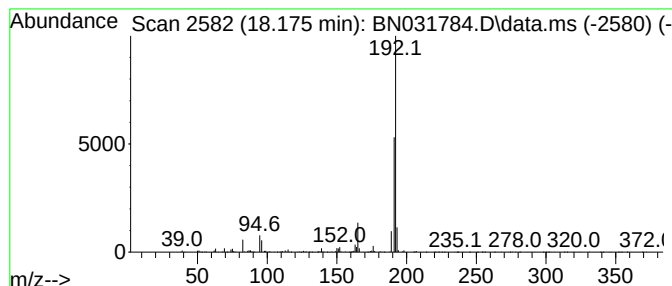
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	5.17 ng/ul	1298840	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031784.D
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Sample : P2591-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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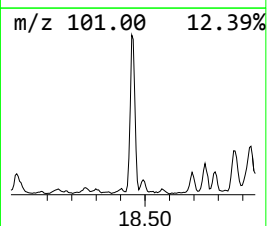
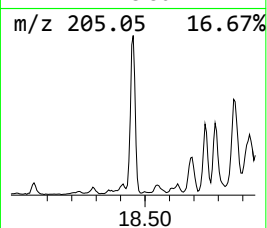
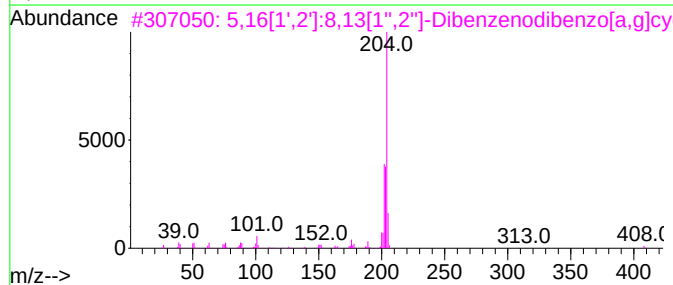
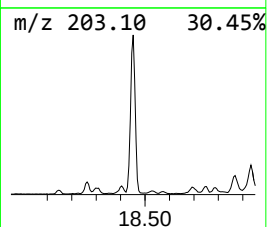
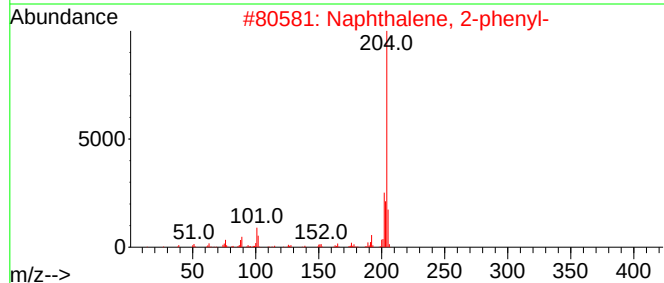
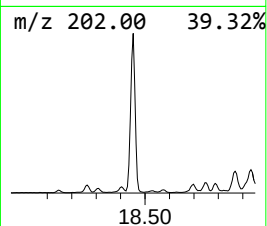
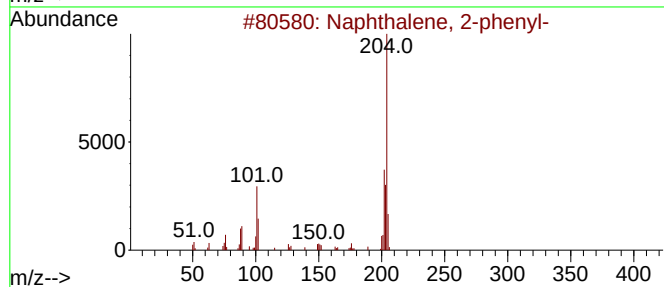
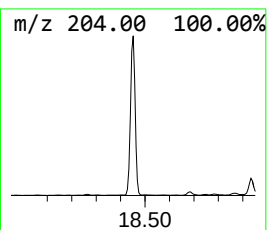
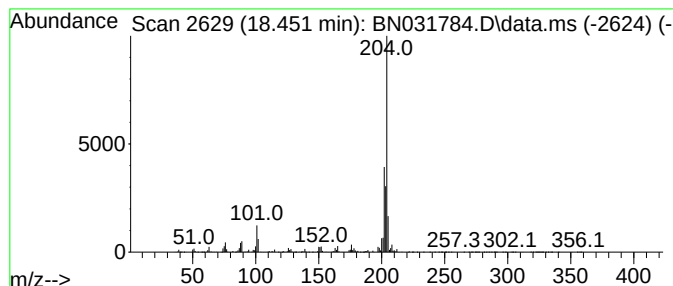
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	7.30 ng/ul	1834090	Phenanthrene-d10	17.069

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Operator : MA/JU
Sample : P2591-17
Misc :
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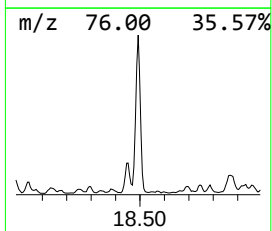
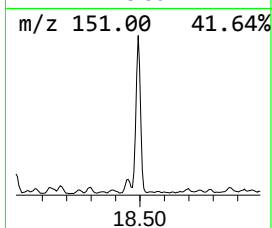
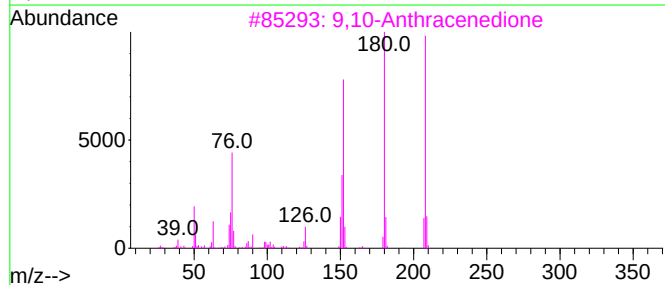
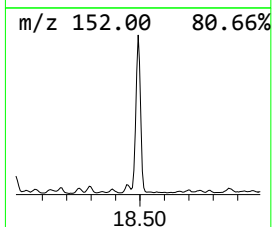
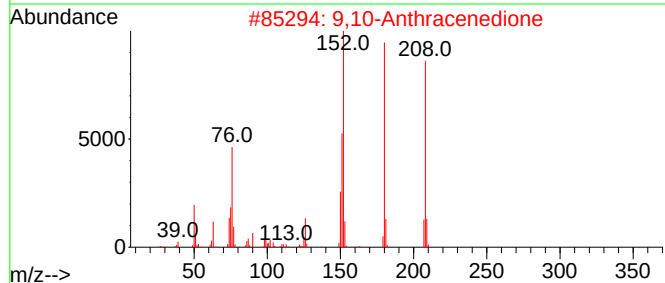
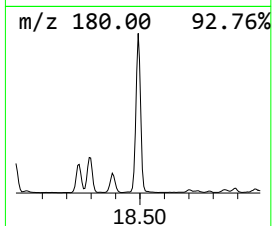
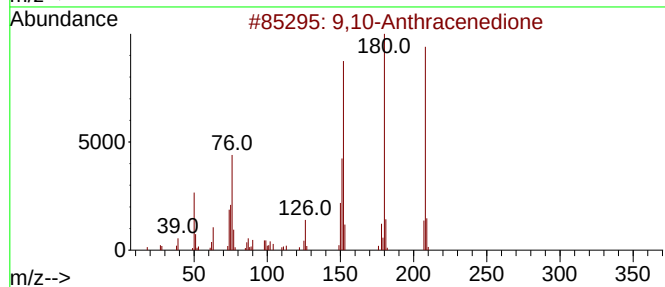
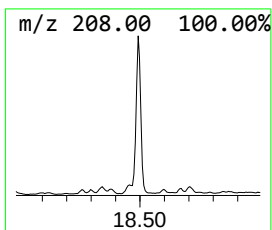
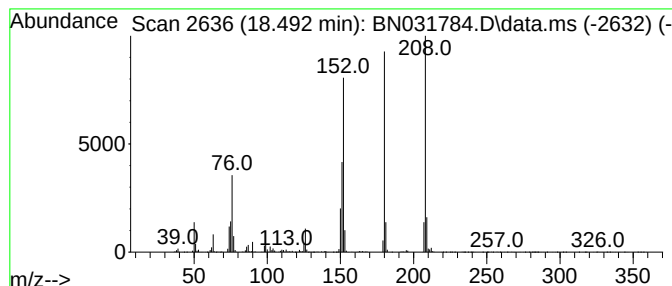
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.492	8.74 ng/ul	2197140	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	94
5	9H-Fluoren-9-one		180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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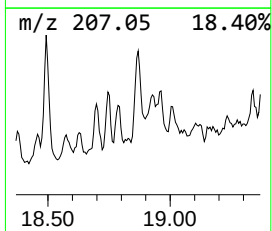
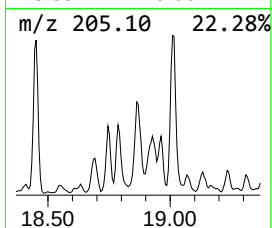
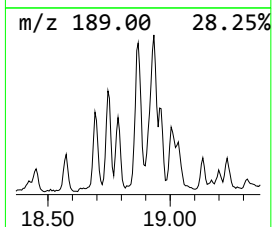
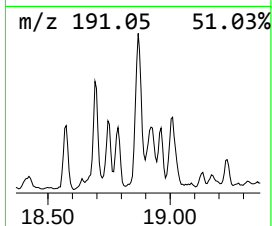
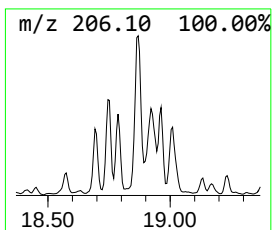
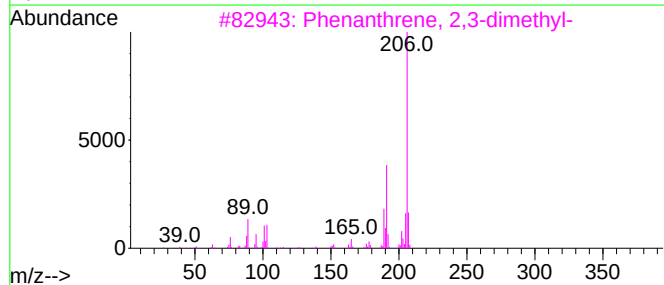
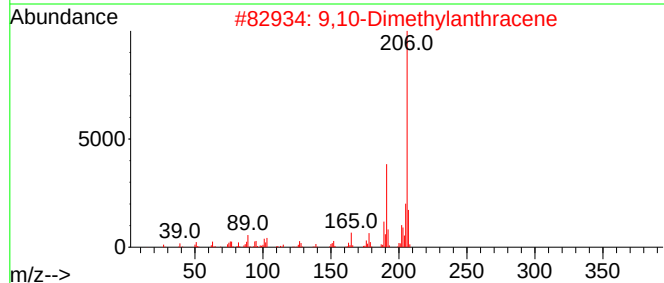
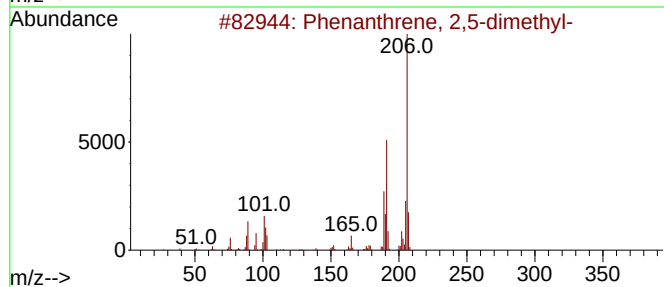
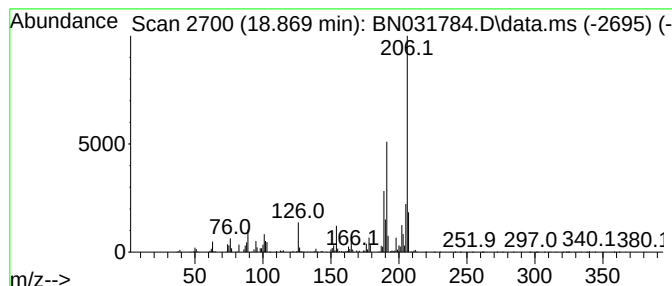
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.869	5.61 ng/ul	1409150	Phenanthrene-d10		17.069	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene		206	C16H14	000781-43-1	90
3	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	90
4	9,10-Dimethylanthracene		206	C16H14	000781-43-1	90
5	9,10-Dimethylanthracene		206	C16H14	000781-43-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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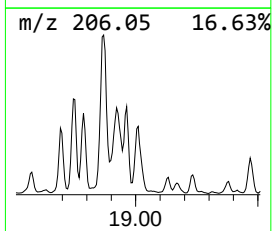
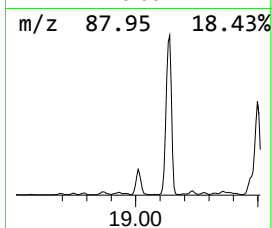
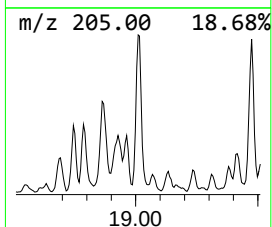
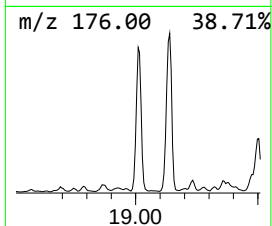
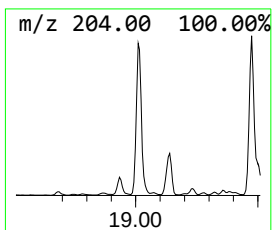
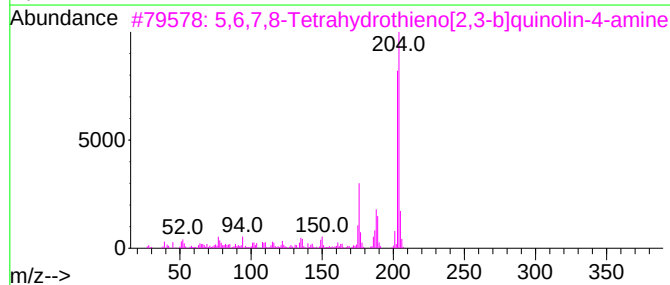
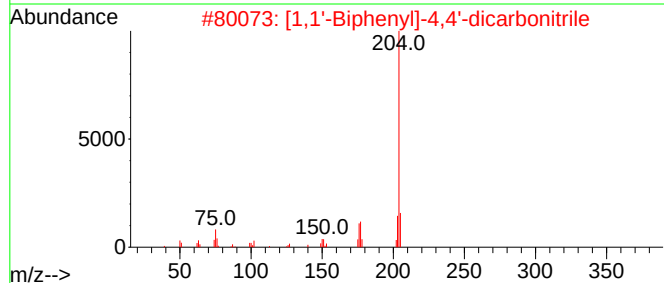
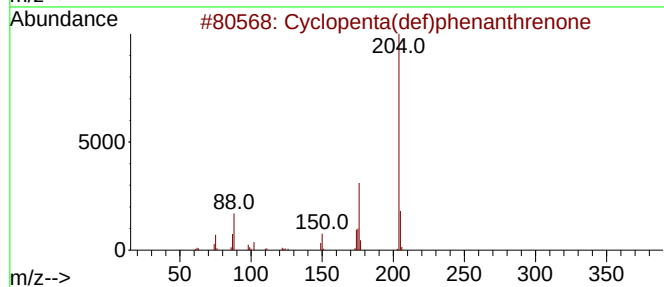
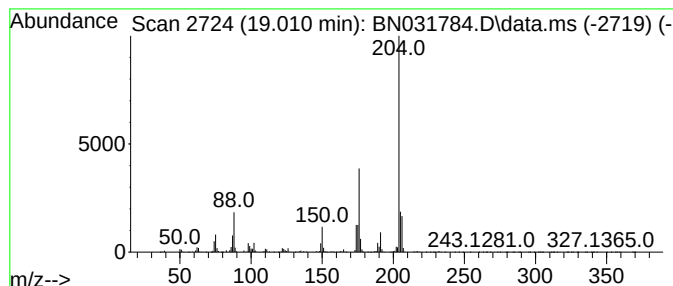
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.010	8.37 ng/ul	2104190	Phenanthrene-d10	17.069	
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	50
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45



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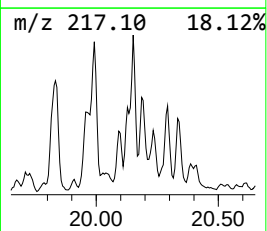
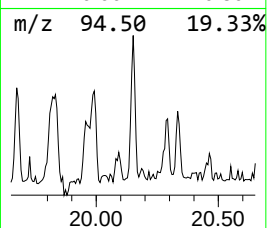
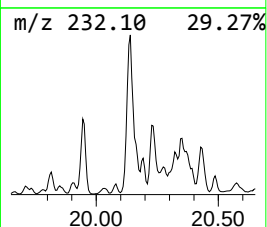
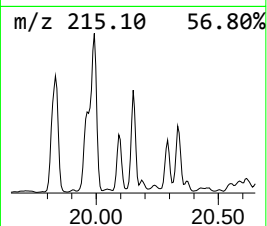
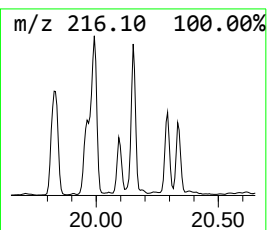
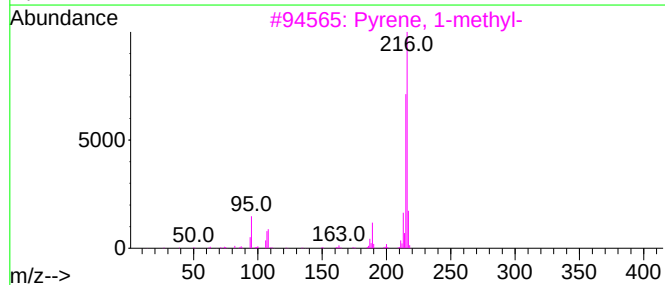
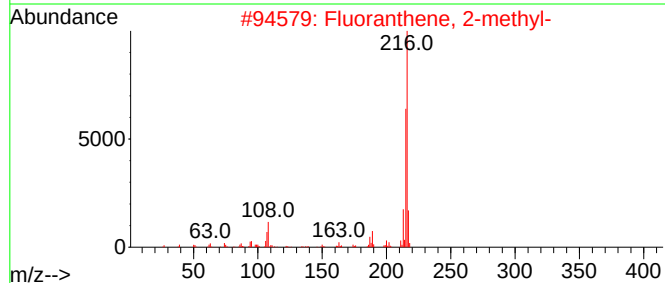
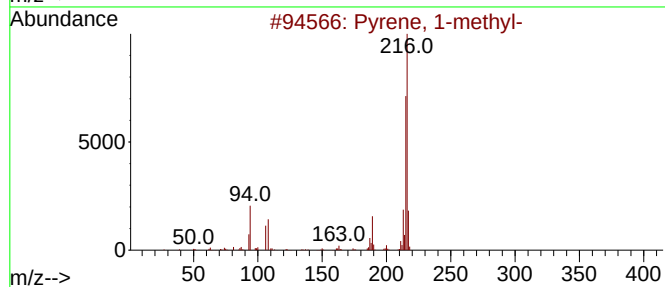
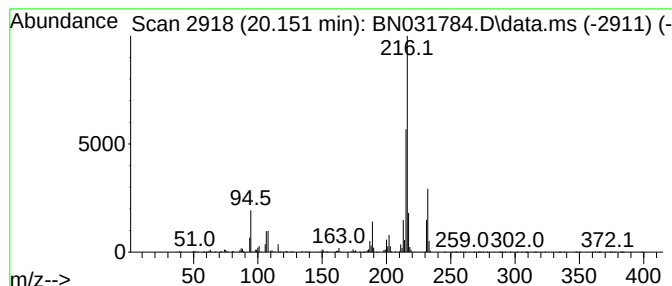
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.151	2.77 ng/ul	2580890	Chrysene-d12	21.310

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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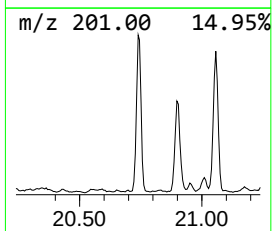
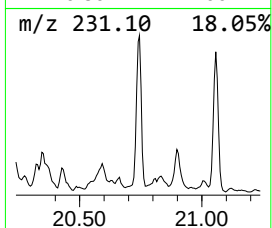
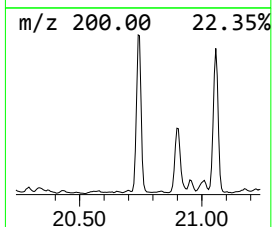
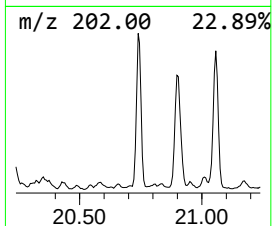
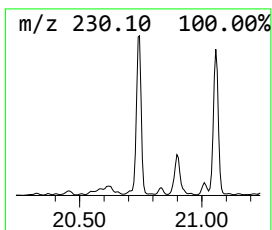
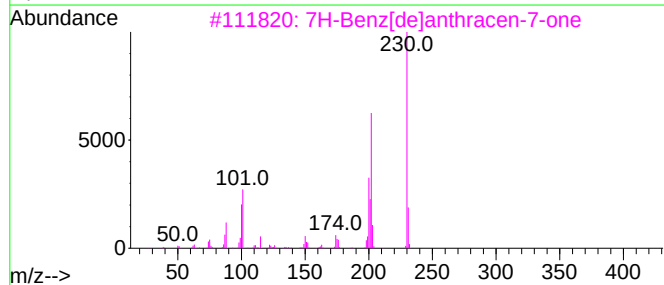
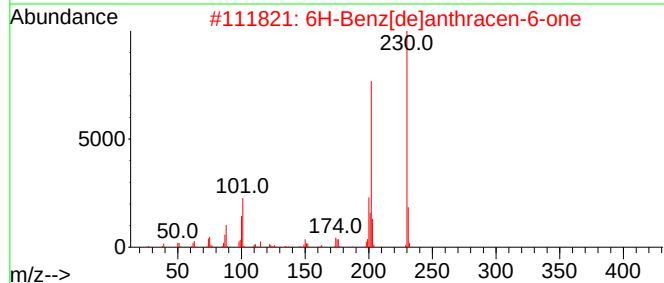
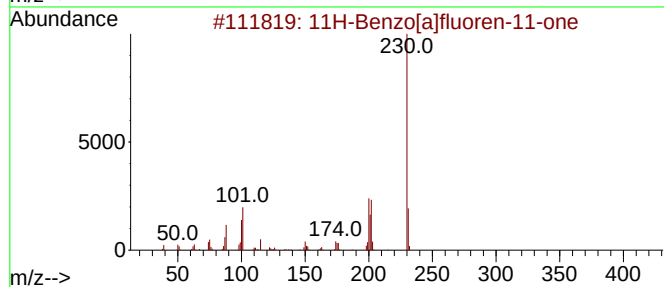
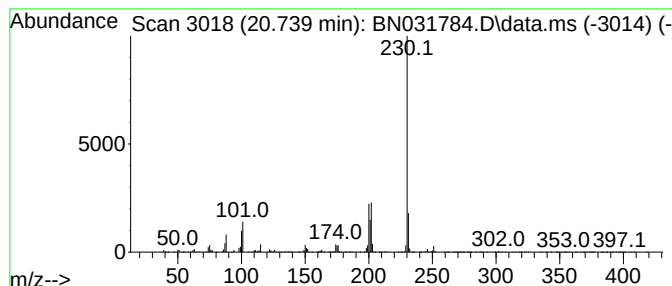
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.739	3.99 ng/ul	3710900	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	99
2			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	91
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031784.D
Acq On : 04 Jun 2024 20:11
Operator : MA/JU
Sample : P2591-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBW3

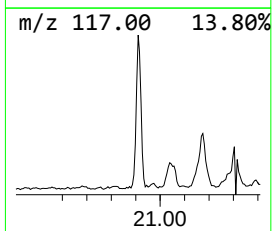
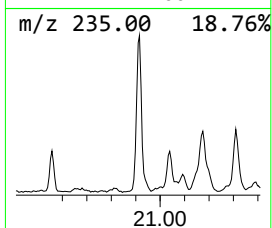
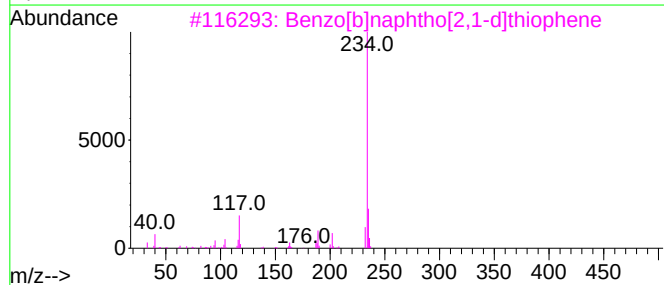
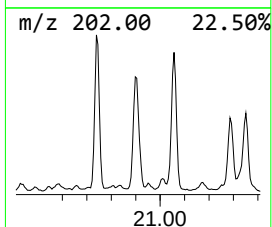
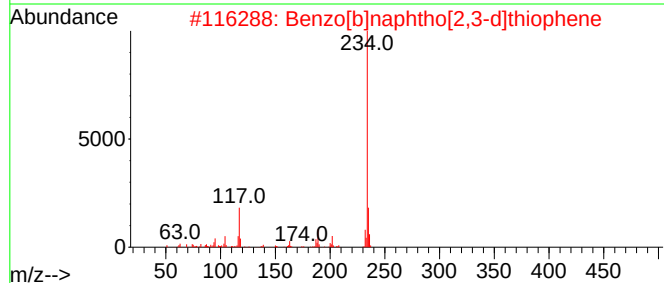
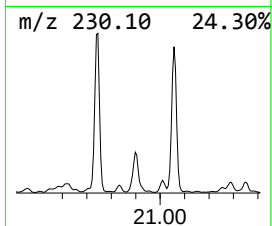
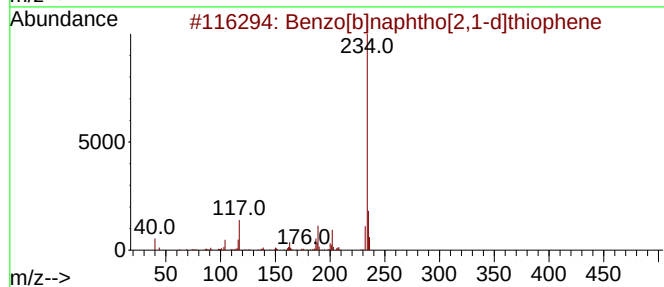
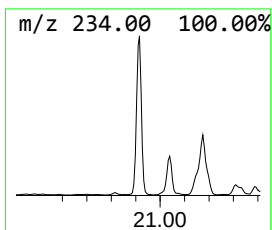
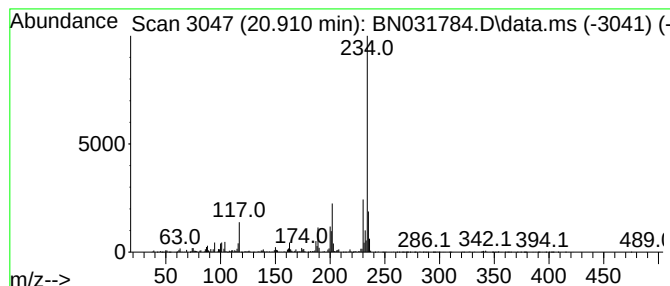
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.910	3.38 ng/ul	3150840	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
5			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031784.D
Acq On : 04 Jun 2024 20:11
Operator : MA/JU
Sample : P2591-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBW3

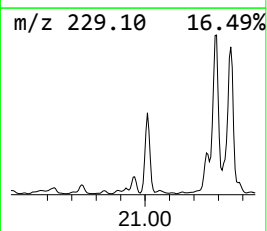
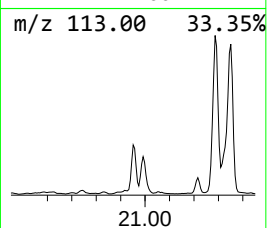
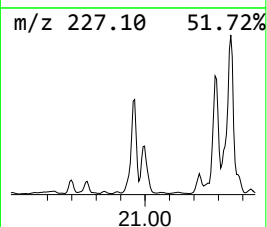
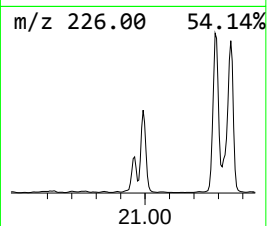
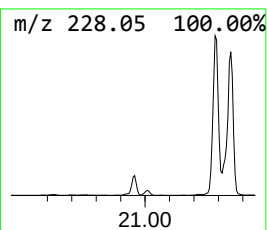
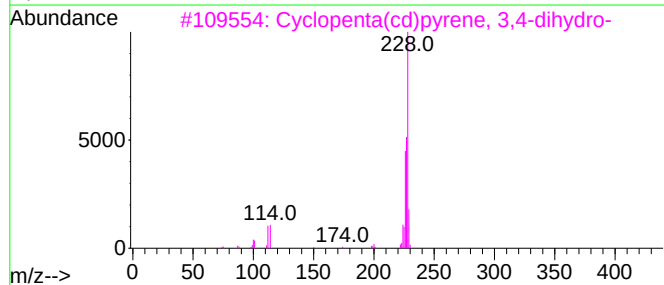
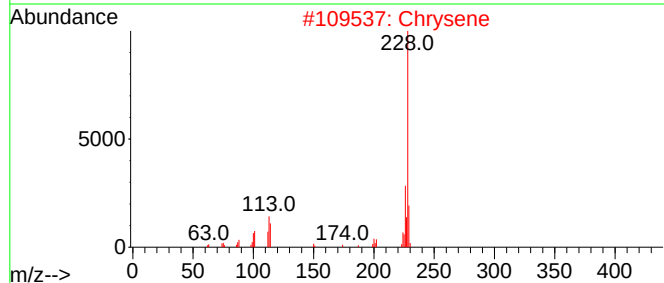
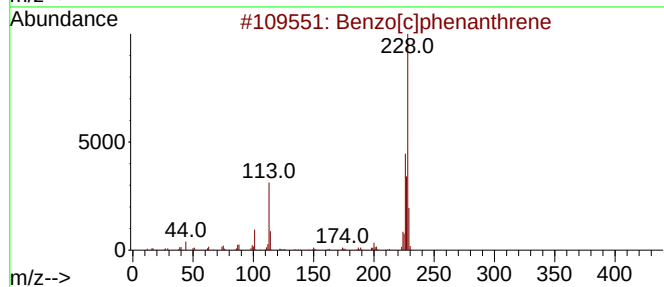
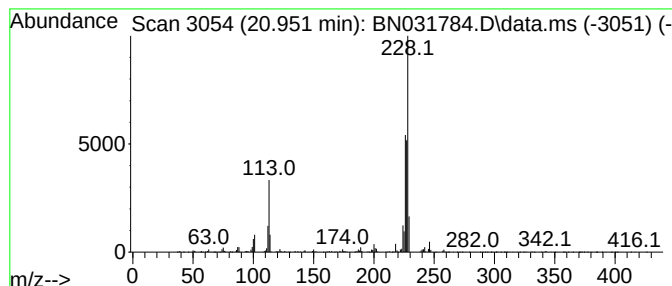
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Benzo[c]phenanthrene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.951	2.35 ng/ul	2186540	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]phenanthrene	228	C18H12	000195-19-7	93
2			Chrysene	228	C18H12	000218-01-9	70
3			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	64
4			Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
5			Triphenylene	228	C18H12	000217-59-4	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031784.D
Acq On : 04 Jun 2024 20:11
Operator : MA/JU
Sample : P2591-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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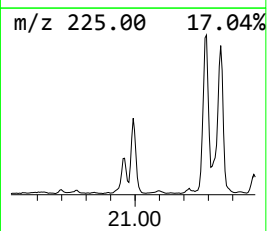
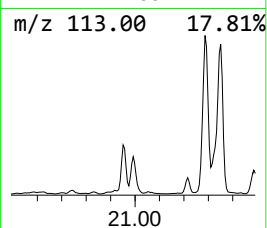
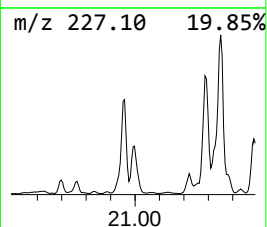
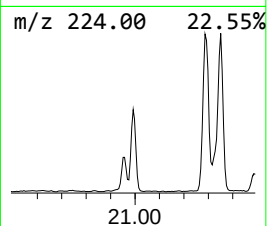
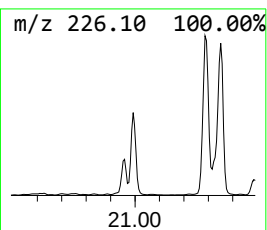
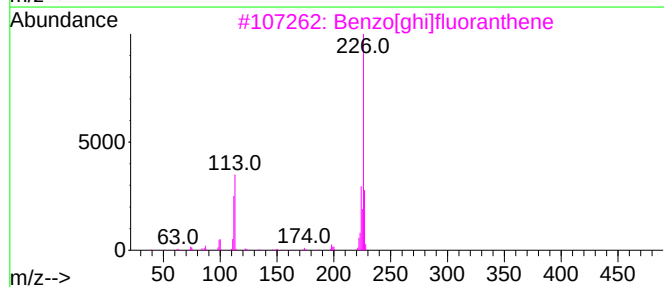
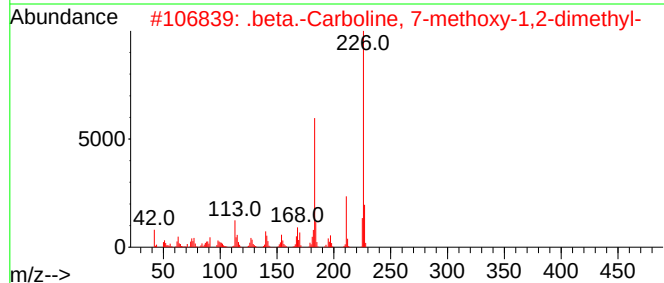
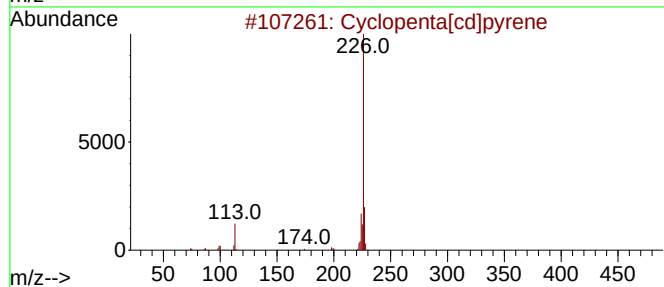
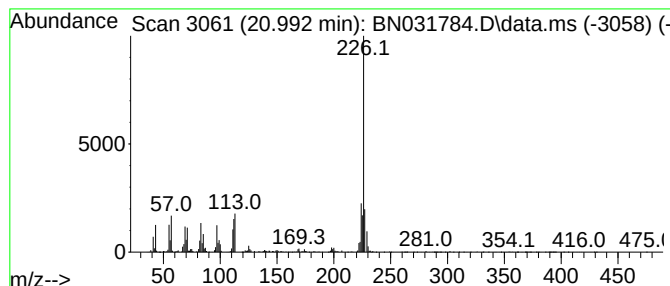
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Cyclopenta[cd]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	4.08 ng/ul	3797960	Chrysene-d12	21.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
3		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	52
4		3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	50
5		4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031784.D
Acq On : 04 Jun 2024 20:11
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Sample : P2591-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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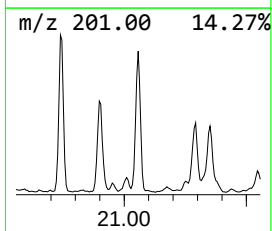
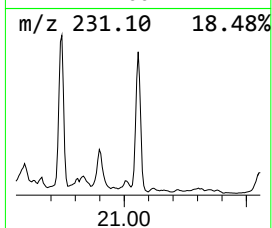
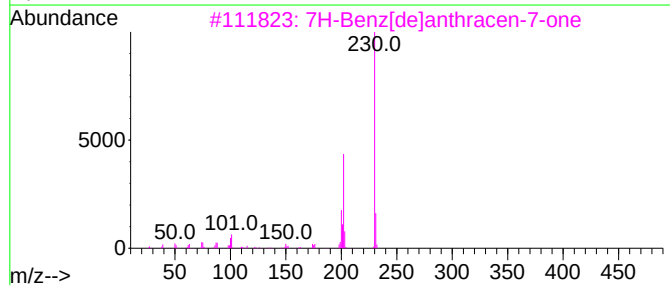
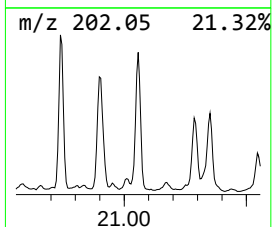
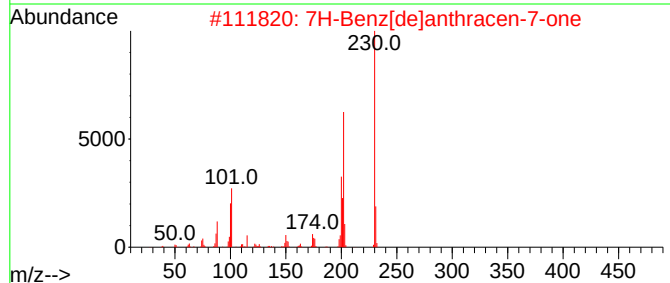
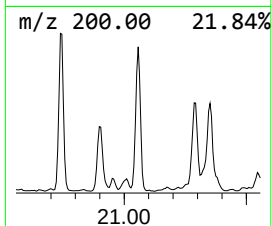
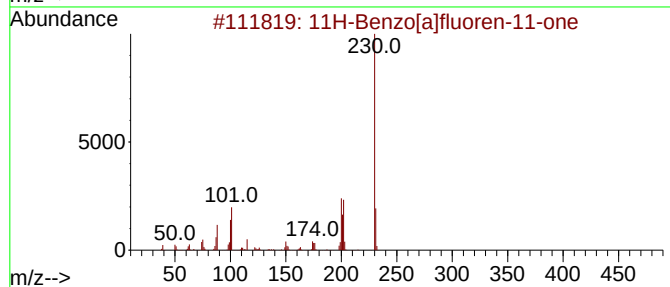
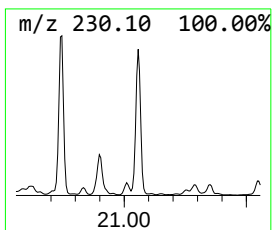
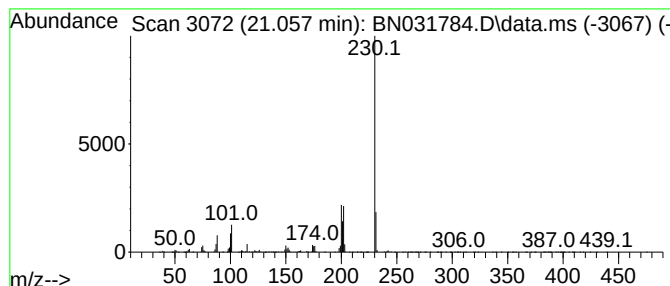
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	4.16 ng/ul	3869490	Chrysene-d12	21.310

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	87
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031784.D
Acq On : 04 Jun 2024 20:11
Operator : MA/JU
Sample : P2591-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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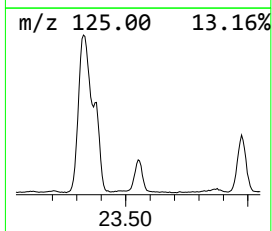
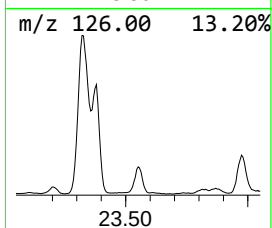
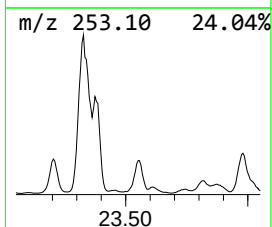
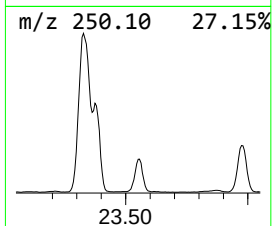
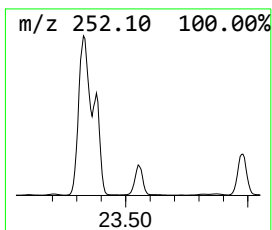
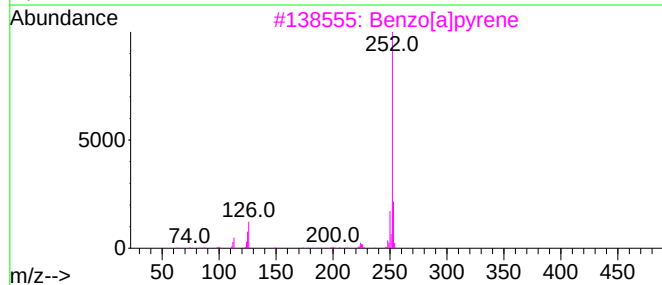
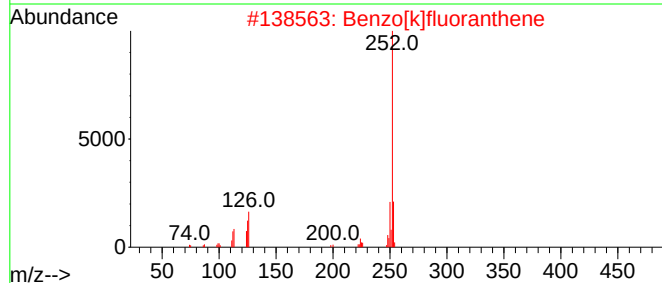
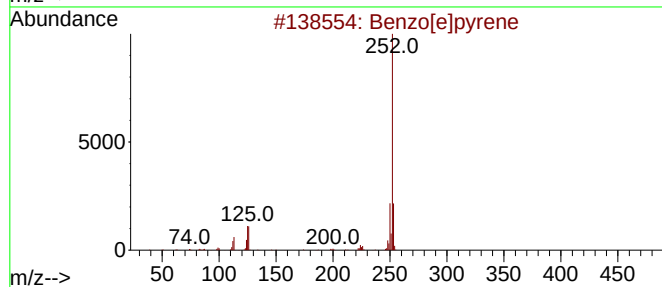
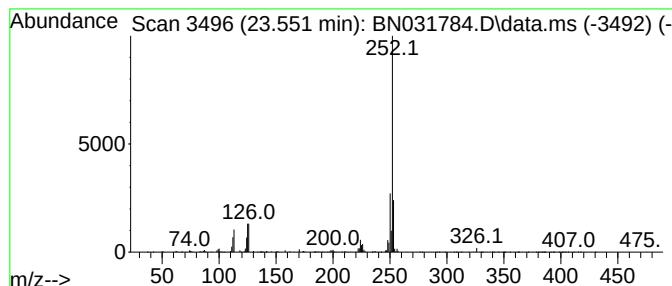
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.551	8.45 ng/ul	1806700	Perylene-d12	24.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[a]pyrene	252	C20H12	000050-32-8	91
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Acq On : 04 Jun 2024 20:11
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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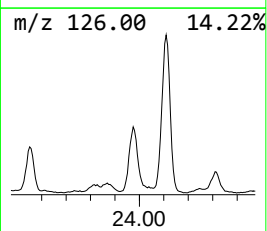
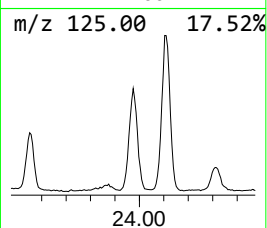
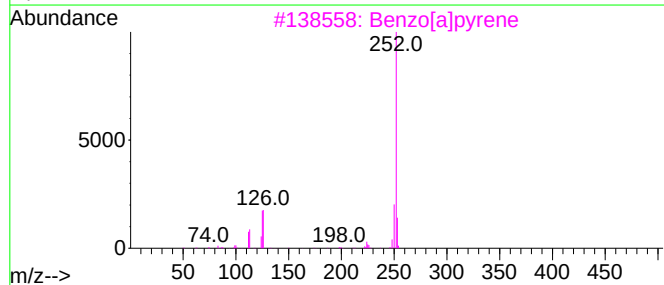
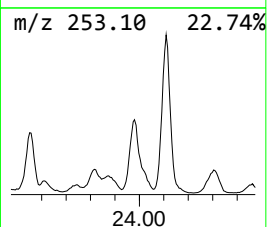
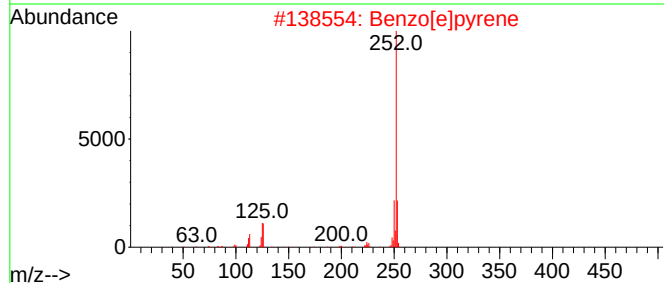
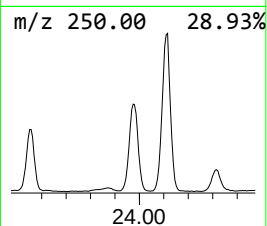
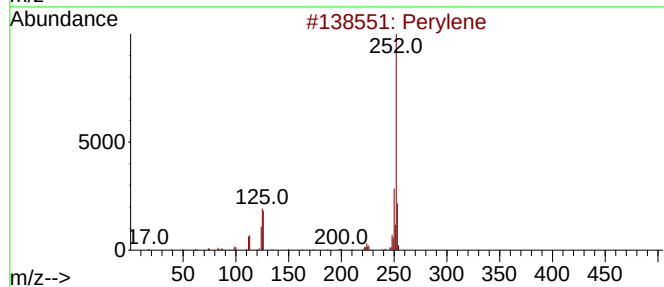
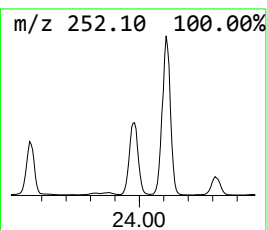
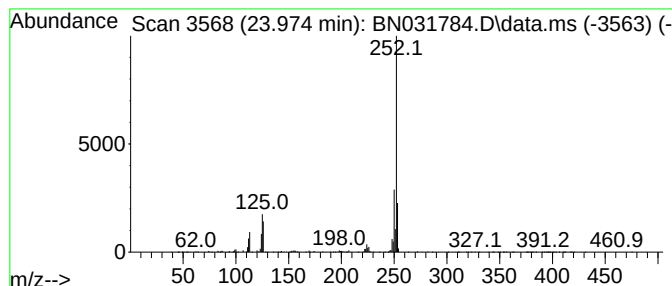
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.974	10.37 ng/ul	2216240	Perylene-d12	24.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	98
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[a]pyrene	252	C20H12	000050-32-8	96
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031784.D
Acq On : 04 Jun 2024 20:11
Operator : MA/JU
Sample : P2591-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBW3

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
9H-Fluoren-3-ol	15.669	2.6	ng/ul	664952	3	14.322	5190750	20.0
[1,1'-Biphenyl]...	15.810	3.5	ng/ul	892965	4	17.069	5025140	20.0
9H-Fluoren-9-one	16.728	8.3	ng/ul	2089630	4	17.069	5025140	20.0
4-(4-Methylphen...	16.798	2.8	ng/ul	694264	4	17.069	5025140	20.0
Naphtho[2,1-b]t...	16.887	5.6	ng/ul	1405040	4	17.069	5025140	20.0
Naphthalene, 1-...	17.592	2.2	ng/ul	559000	4	17.069	5025140	20.0
Anthrone	17.651	2.8	ng/ul	701940	4	17.069	5025140	20.0
Phenanthrene, 2...	17.945	10.6	ng/ul	2674430	4	17.069	5025140	20.0
Phenanthrene, 1...	17.992	16.9	ng/ul	4241820	4	17.069	5025140	20.0
4H-Cyclopenta[d...	18.139	15.7	ng/ul	3931860	4	17.069	5025140	20.0
Anthracene, 2-m...	18.175	5.2	ng/ul	1298840	4	17.069	5025140	20.0
Naphthalene, 2-...	18.451	7.3	ng/ul	1834090	4	17.069	5025140	20.0
9,10-Anthracene...	18.492	8.7	ng/ul	2197140	4	17.069	5025140	20.0
Phenanthrene, 2...	18.869	5.6	ng/ul	1409150	4	17.069	5025140	20.0
Cyclopenta(def)...	19.010	8.4	ng/ul	2104190	4	17.069	5025140	20.0
Pyrene, 1-methyl-	20.151	2.8	ng/ul	2580890	5	21.310	18618200	20.0
11H-Benzo[a]flu...	20.739	4.0	ng/ul	3710900	5	21.310	18618200	20.0
Benzo[b]naphtho...	20.910	3.4	ng/ul	3150840	5	21.310	18618200	20.0
Benzo[c]phenant...	20.951	2.4	ng/ul	2186540	5	21.310	18618200	20.0
Cyclopenta[cd]p...	20.992	4.1	ng/ul	3797960	5	21.310	18618200	20.0
7H-Benz[de]anth...	21.057	4.2	ng/ul	3869490	5	21.310	18618200	20.0
Benzo[e]pyrene	23.551	8.4	ng/ul	1806700	6	24.251	4274430	20.0
Perylene	23.974	10.4	ng/ul	2216240	6	24.251	4274430	20.0