

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014964.D
 Acq On : 04 May 2023 21:41
 Operator : CG/JU
 Sample : 02447-21 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW939

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_P\Methods\SFAM-EPA-BP050323.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP014964.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.310	659	667	675	rBV	49609	97630	0.64%	0.063%
2	7.481	691	696	703	rBV	44795	70524	0.46%	0.045%
3	7.687	724	731	739	rBV	53896	92162	0.60%	0.059%
4	8.163	804	812	825	rBV	1255575	2023015	13.16%	1.301%
5	8.716	899	906	912	rBV	28198	57215	0.37%	0.037%
6	8.875	926	933	941	rBV2	51333	91531	0.60%	0.059%
7	9.340	1005	1012	1018	rBV	41937	72314	0.47%	0.046%
8	10.069	1129	1136	1142	rBV2	31671	54795	0.36%	0.035%
9	10.610	1220	1228	1239	rBV2	50862	95043	0.62%	0.061%
10	10.998	1282	1294	1300	rBV	1523009	2683686	17.46%	1.725%
11	11.051	1300	1303	1310	rVV	134657	211739	1.38%	0.136%
12	12.645	1568	1574	1581	rBV	76863	116981	0.76%	0.075%
13	12.863	1605	1611	1621	rVB	69571	115726	0.75%	0.074%
14	13.645	1735	1744	1749	rBV2	25545	50793	0.33%	0.033%
15	13.986	1793	1802	1809	rBV3	32672	83715	0.54%	0.054%
16	14.128	1819	1826	1831	rBV2	62014	110914	0.72%	0.071%
17	14.204	1831	1839	1845	rVV2	100917	198493	1.29%	0.128%
18	14.504	1884	1890	1891	rBV	115854	151278	0.98%	0.097%
19	14.533	1891	1895	1906	rVB	233515	384297	2.50%	0.247%
20	14.810	1931	1942	1948	rBV	1914679	2912157	18.95%	1.872%
21	14.869	1948	1952	1960	rVV	501169	759925	4.94%	0.489%
22	15.004	1969	1975	1985	rVV6	19801	59543	0.39%	0.038%
23	15.116	1986	1994	1999	rVV3	24653	50285	0.33%	0.032%
24	15.204	2003	2009	2016	rVV	269689	402131	2.62%	0.259%
25	15.422	2040	2046	2051	rBV2	29812	54121	0.35%	0.035%
26	15.798	2105	2110	2114	rVB	136296	169854	1.11%	0.109%
27	15.857	2114	2120	2127	rVB	488707	726611	4.73%	0.467%
28	15.980	2137	2141	2144	rVV	40026	54628	0.36%	0.035%
29	16.016	2144	2147	2151	rVV	52999	68199	0.44%	0.044%
30	16.151	2165	2170	2176	rVB2	113047	193578	1.26%	0.124%
31	16.292	2186	2194	2202	rVV	100292	211577	1.38%	0.136%
32	16.527	2231	2234	2240	rVB2	67677	99086	0.64%	0.064%
33	16.863	2280	2291	2295	rBV3	80157	196824	1.28%	0.127%
34	16.910	2295	2299	2304	rVV2	43495	68082	0.44%	0.044%
35	17.010	2313	2316	2321	rVB3	33899	45463	0.30%	0.029%
36	17.086	2322	2329	2332	rBV2	42560	79774	0.52%	0.051%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
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37	17.133	2333	2337	2344	rVV3	54813	97285	0.63%	0.063%
38	17.216	2346	2351	2356	rVV	151897	228633	1.49%	0.147%
39	17.310	2359	2367	2372	rVV3	63933	179233	1.17%	0.115%
40	17.380	2374	2379	2387	rVB	310670	435750	2.83%	0.280%
41	17.563	2404	2410	2413	rBV	1886335	2719872	17.70%	1.749%
42	17.610	2413	2418	2423	rVV	5917787	8658996	56.33%	5.567%
43	17.663	2423	2427	2428	rVV2	197869	243623	1.58%	0.157%
44	17.698	2428	2433	2438	rVV	1568579	2266087	14.74%	1.457%
45	17.751	2438	2442	2447	rVB2	89764	147603	0.96%	0.095%
46	17.839	2452	2457	2460	rBV3	26591	48559	0.32%	0.031%
47	17.957	2469	2477	2488	rBV2	511585	884584	5.75%	0.569%
48	18.074	2493	2497	2503	rVV2	105740	162749	1.06%	0.105%
49	18.133	2504	2507	2515	rVB2	93873	157497	1.02%	0.101%
50	18.268	2527	2530	2538	rVB	49100	85929	0.56%	0.055%
51	18.416	2551	2555	2559	rBV	421551	583009	3.79%	0.375%
52	18.463	2559	2563	2570	rVB	638719	848964	5.52%	0.546%
53	18.539	2572	2576	2581	rVB	208709	300363	1.95%	0.193%
54	18.610	2581	2588	2592	rBV2	1106713	1862624	12.12%	1.198%
55	18.639	2592	2593	2600	rVB	319075	296521	1.93%	0.191%
56	18.704	2600	2604	2608	rBV3	56271	92143	0.60%	0.059%
57	18.745	2608	2611	2615	rBV2	56722	75640	0.49%	0.049%
58	18.892	2631	2636	2640	rBV	400942	564878	3.68%	0.363%
59	18.939	2640	2644	2649	rVB	395795	520903	3.39%	0.335%
60	19.127	2674	2676	2681	rVB	108610	128980	0.84%	0.083%
61	19.180	2682	2685	2688	rVV	91807	110740	0.72%	0.071%
62	19.215	2688	2691	2695	rVB	104326	120052	0.78%	0.077%
63	19.298	2700	2705	2710	rBV2	260043	474605	3.09%	0.305%
64	19.439	2724	2729	2737	rBV2	423170	719243	4.68%	0.462%
65	19.557	2743	2749	2755	rBV	10757320	15370730	100.00%	9.882%
66	19.610	2755	2758	2761	rVV	108336	137943	0.90%	0.089%
67	19.645	2761	2764	2768	rVB	214871	267061	1.74%	0.172%
68	19.733	2777	2779	2783	rBV3	60337	83326	0.54%	0.054%
69	19.792	2783	2789	2797	rVB2	356020	685858	4.46%	0.441%
70	19.880	2798	2804	2805	rVV	1806796	2555709	16.63%	1.643%
71	19.910	2805	2809	2816	rVV	9462139	13597713	88.46%	8.742%
72	19.968	2816	2819	2825	rVB2	342889	490313	3.19%	0.315%
73	20.074	2834	2837	2842	rVB	447779	591922	3.85%	0.381%
74	20.139	2844	2848	2854	rVB	549883	794330	5.17%	0.511%
75	20.215	2856	2861	2862	rBV2	426338	635584	4.14%	0.409%
76	20.268	2867	2870	2875	rVV	180314	228652	1.49%	0.147%

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77	20.386	2886	2890	2894	rVB	1015254	1431234	9.31%	0.920%
78	20.480	2902	2906	2910	rBV	795528	997581	6.49%	0.641%
79	20.539	2910	2916	2919	rVV2	607310	1034852	6.73%	0.665%
80	20.574	2919	2922	2926	rVB	344446	378672	2.46%	0.243%
81	20.674	2936	2939	2943	rBV	417108	569576	3.71%	0.366%
82	20.721	2944	2947	2951	rVB	354829	414834	2.70%	0.267%
83	21.115	3010	3014	3020	rVB	798069	1062266	6.91%	0.683%
84	21.280	3036	3042	3045	rBV2	1134631	1741964	11.33%	1.120%
85	21.315	3045	3048	3051	rVV	880289	1112146	7.24%	0.715%
86	21.357	3051	3055	3059	rVV2	1129956	1762243	11.46%	1.133%
87	21.409	3059	3064	3075	rVB2	936747	1613465	10.50%	1.037%
88	21.633	3092	3102	3107	rBV2	6545376	13567890	88.27%	8.723%
89	21.686	3107	3111	3121	rVB	5680903	8157390	53.07%	5.245%
90	21.815	3129	3133	3139	rBV	1152266	1724785	11.22%	1.109%
91	21.986	3158	3162	3168	rVB2	820750	1165668	7.58%	0.749%
92	22.486	3243	3247	3250	rBV	370132	606971	3.95%	0.390%
93	23.451	3403	3411	3416	rBV	4639207	12278268	79.88%	7.894%
94	23.645	3439	3444	3451	rVB	829024	1487424	9.68%	0.956%
95	24.015	3500	3507	3517	rBV	2822760	6077509	39.54%	3.907%
96	24.133	3519	3527	3534	rVB	3863245	8087359	52.62%	5.200%
97	24.245	3540	3546	3551	rBV	1486832	3223943	20.97%	2.073%
98	24.303	3552	3556	3566	rVB	1351639	2863028	18.63%	1.841%
99	27.003	4006	4015	4032	rVB2	2126840	7258613	47.22%	4.667%
100	27.856	4151	4160	4181	rVB	1497275	5551666	36.12%	3.569%

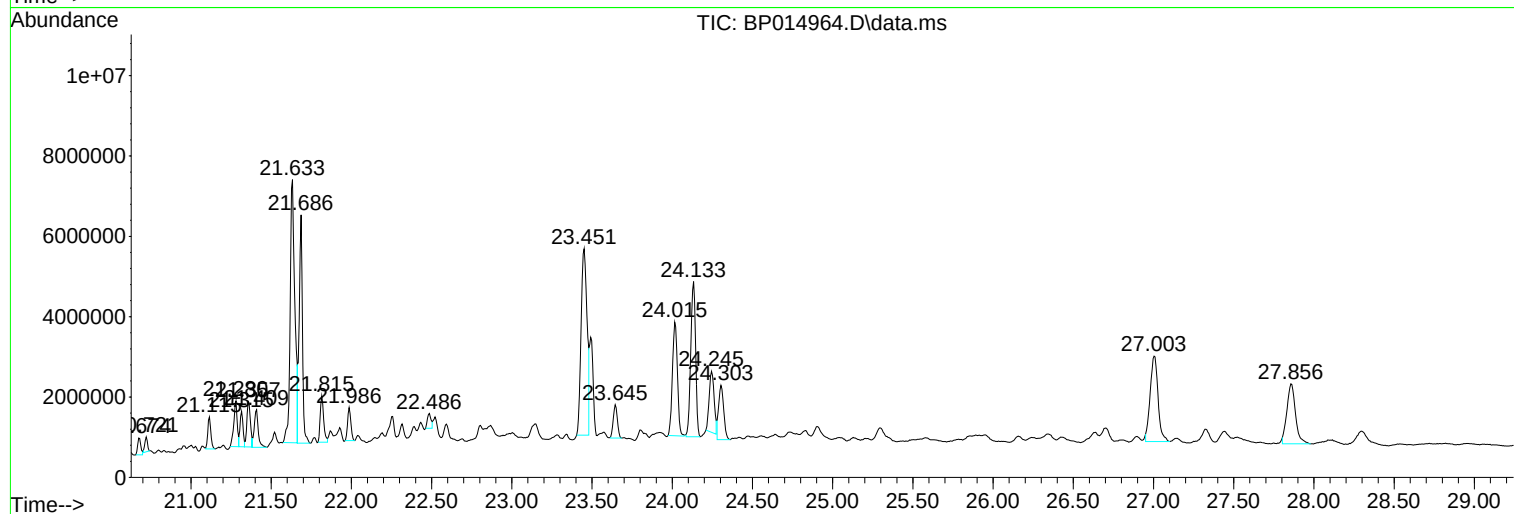
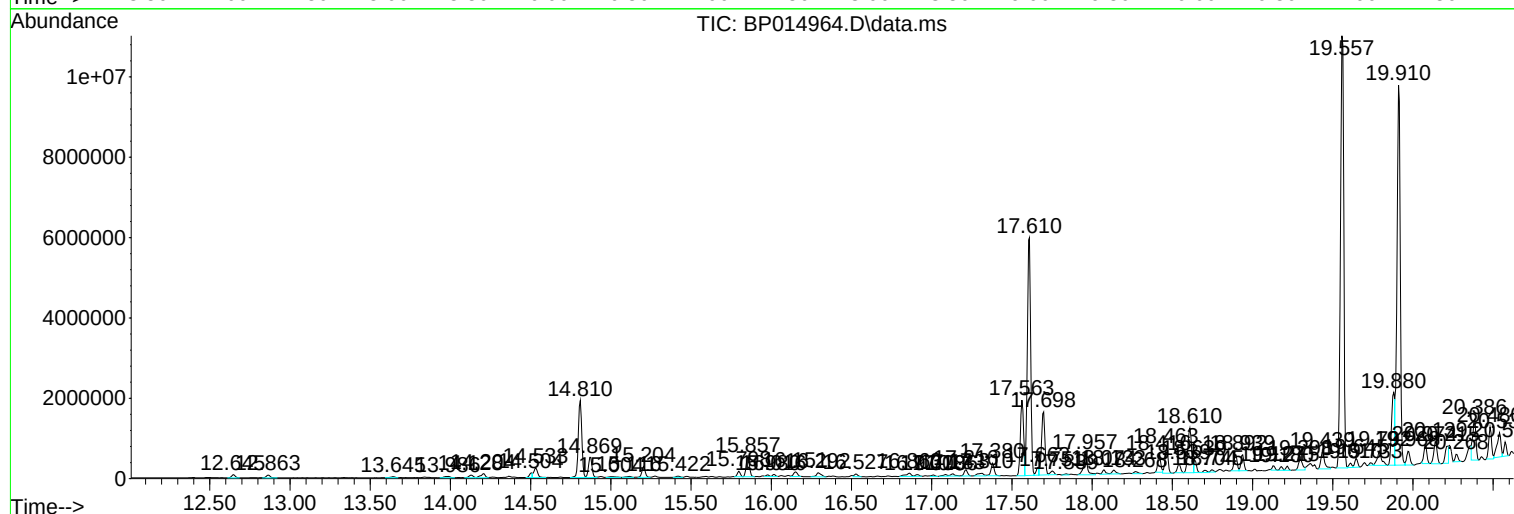
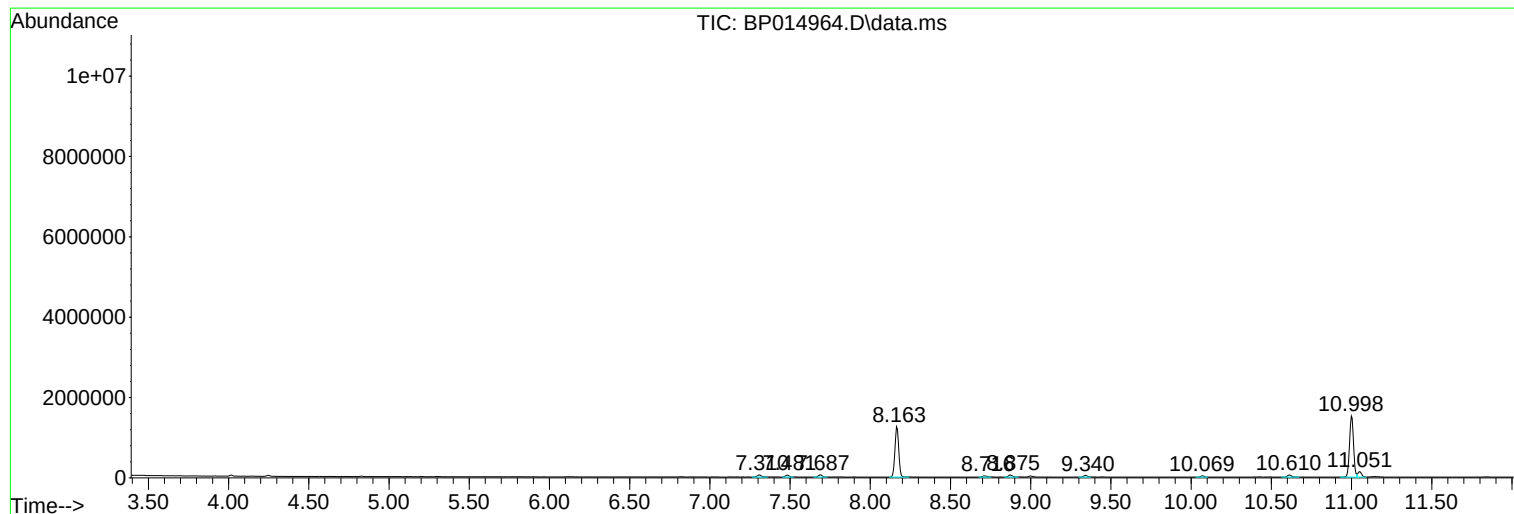
Sum of corrected areas: 155537242

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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



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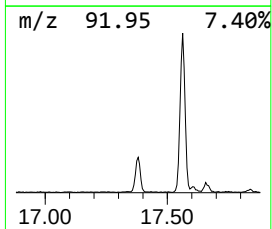
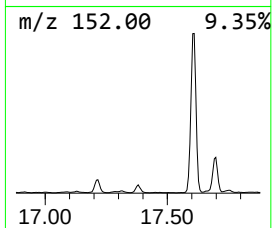
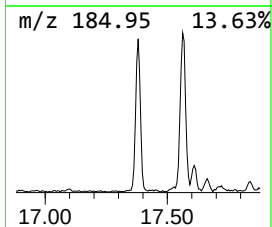
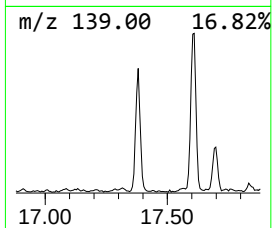
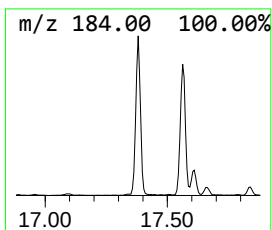
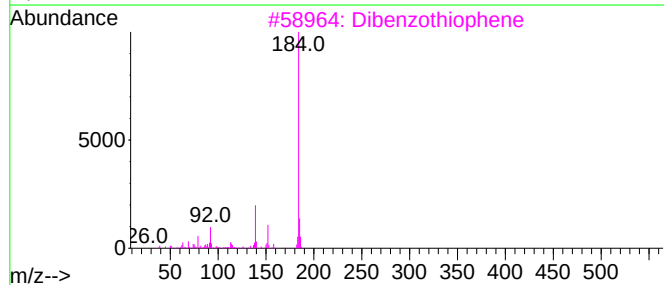
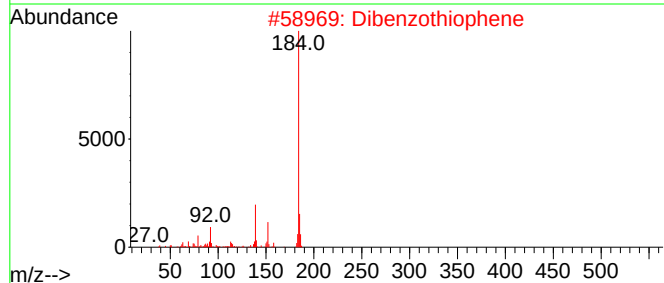
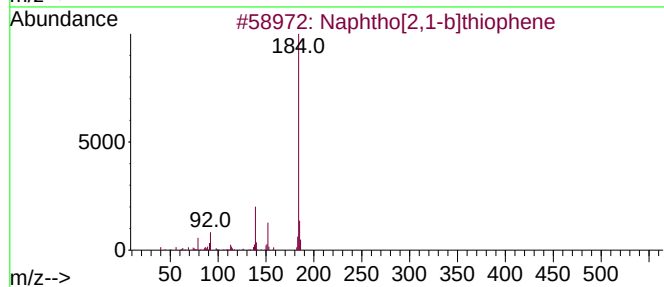
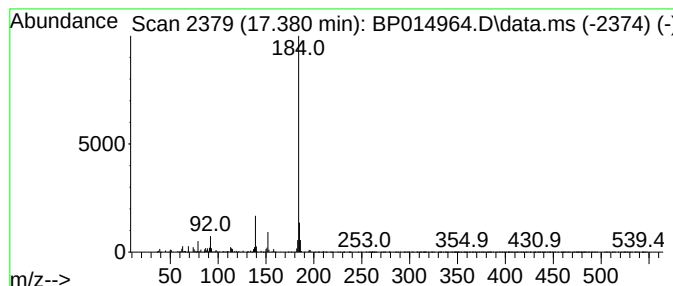
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.380	3.20 ng/ul	435750	Phenanthrene-d10	17.563

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



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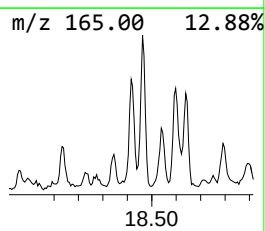
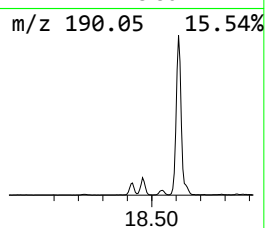
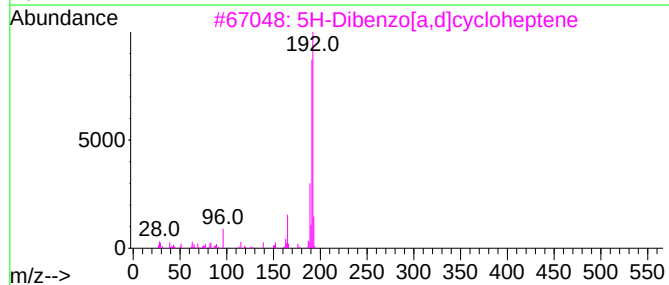
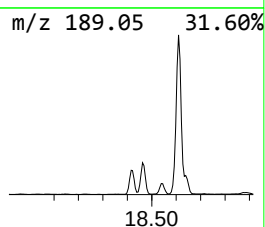
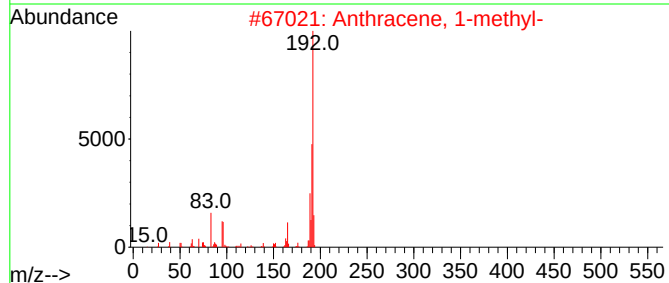
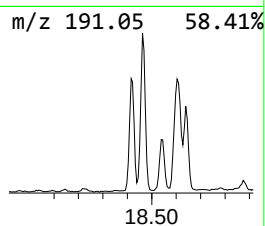
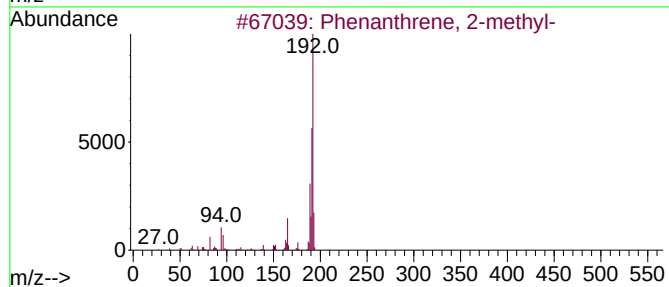
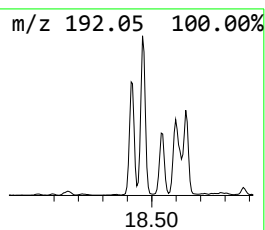
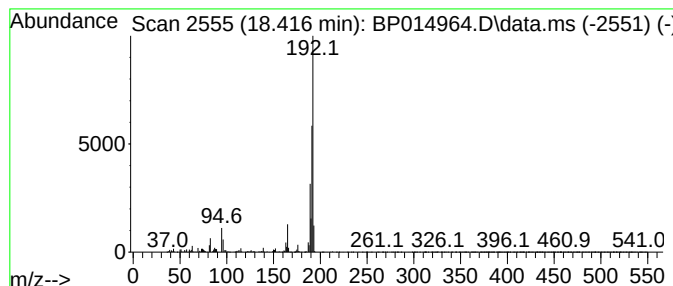
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.416	4.29 ng/ul	583009	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



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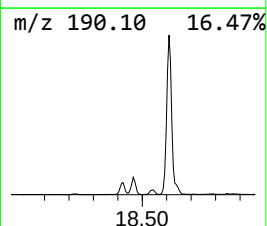
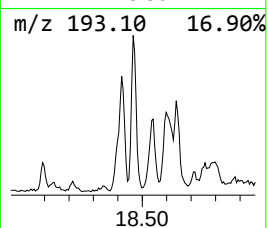
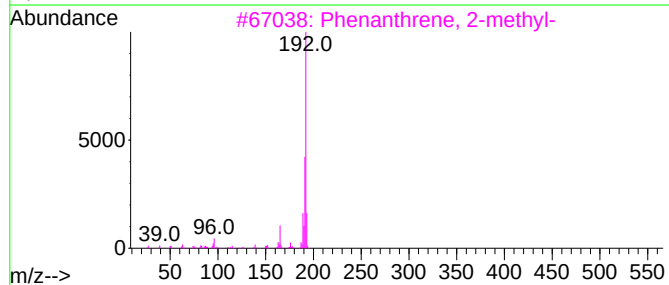
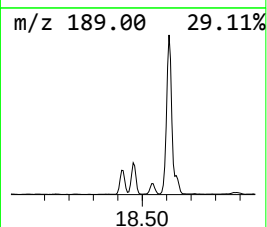
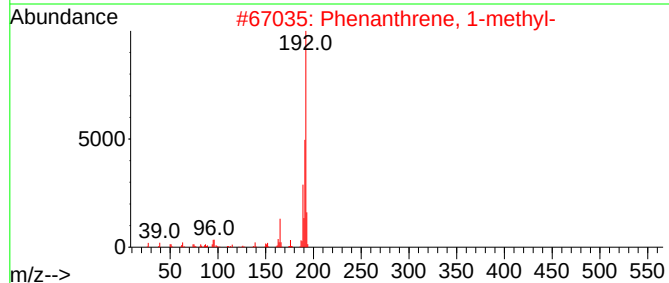
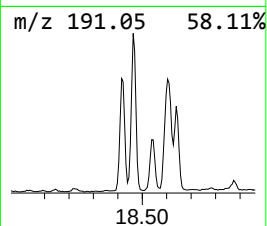
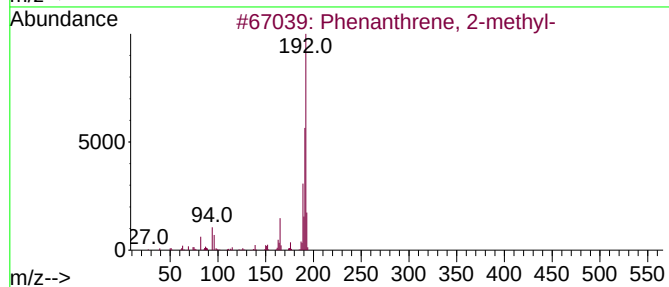
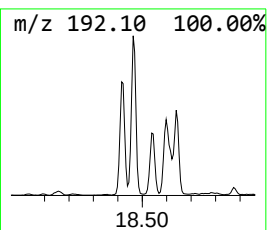
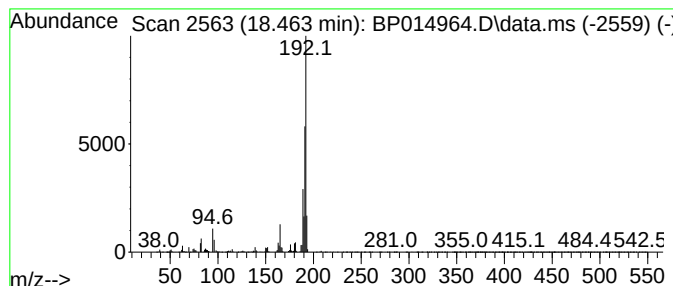
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	6.24 ng/ul	848964	Phenanthrene-d10	17.563

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	97
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014964.D
Acq On : 04 May 2023 21:41
Operator : CG/JU
Sample : 02447-21 10X
Misc :
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Instrument :
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ClientSampleId :
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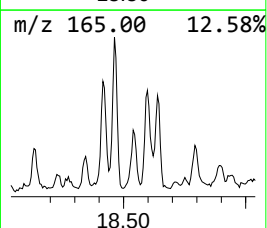
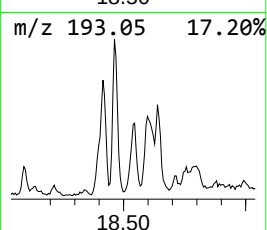
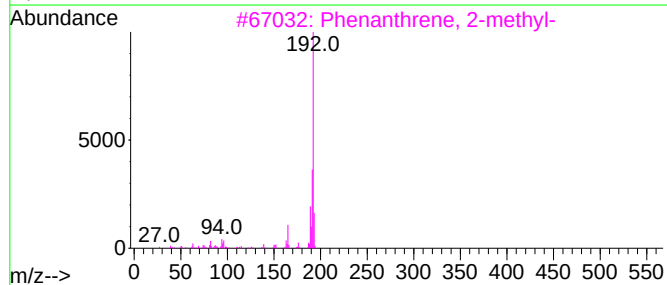
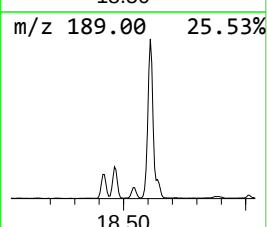
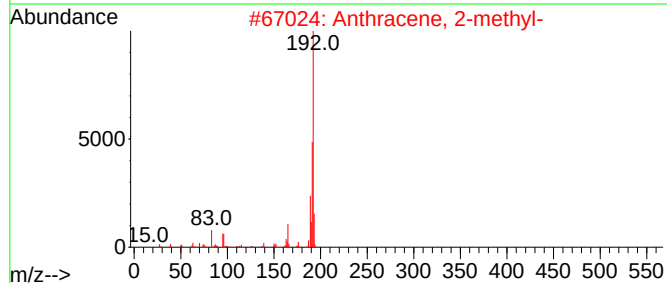
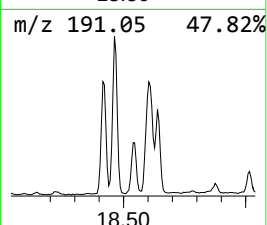
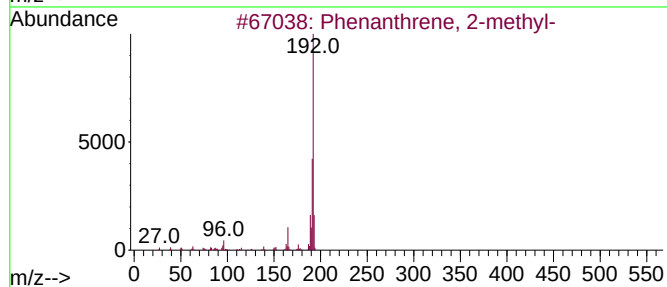
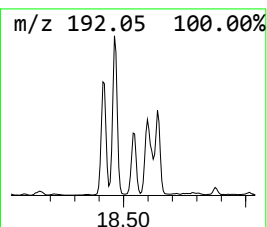
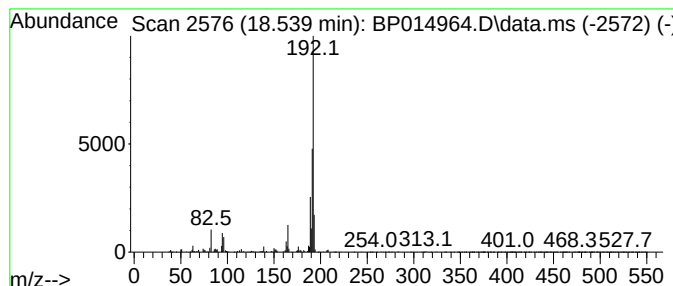
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	2.21 ng/ul	300363	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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ClientSampleId :
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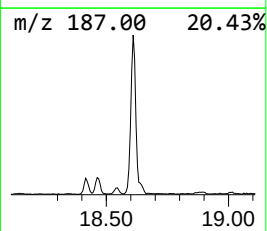
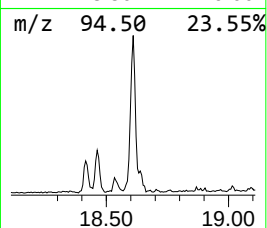
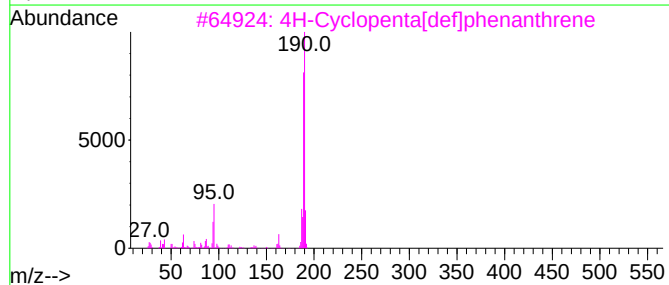
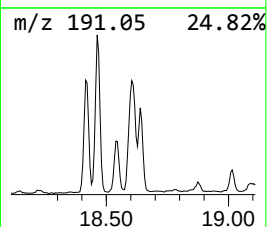
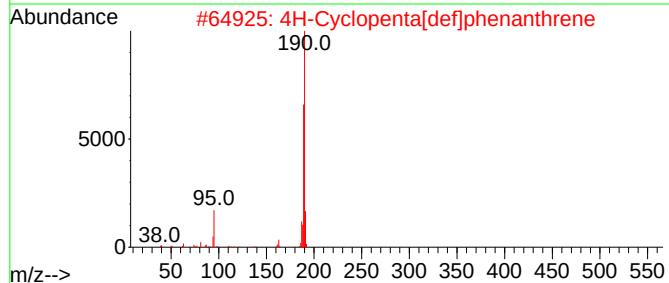
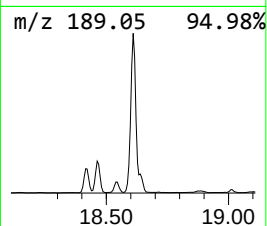
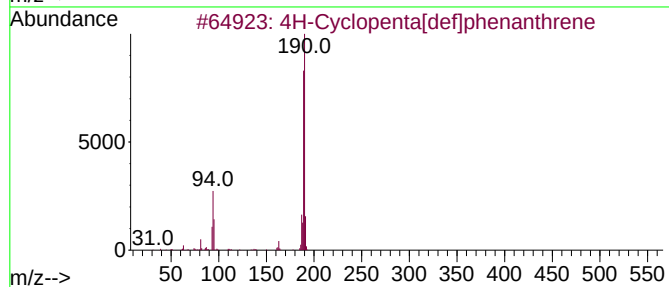
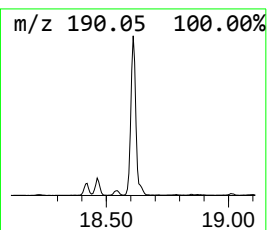
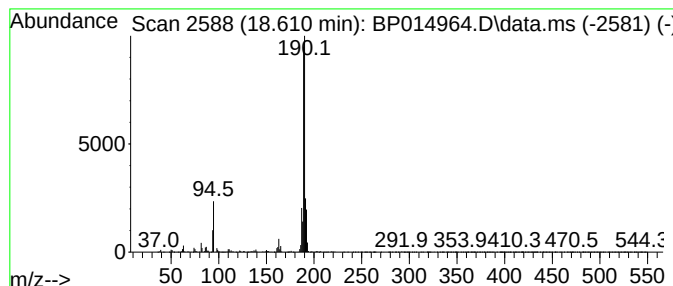
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	13.70 ng/ul	1862620	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014964.D
Acq On : 04 May 2023 21:41
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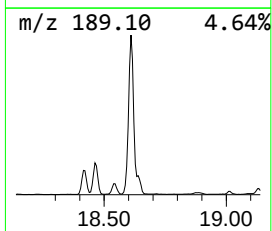
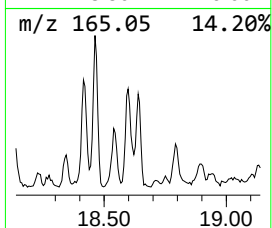
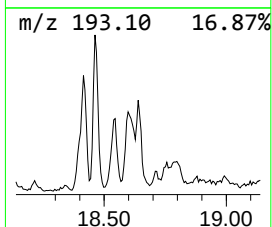
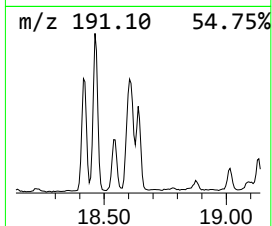
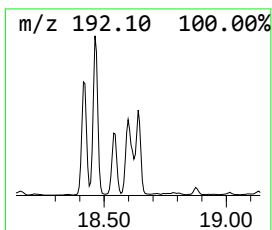
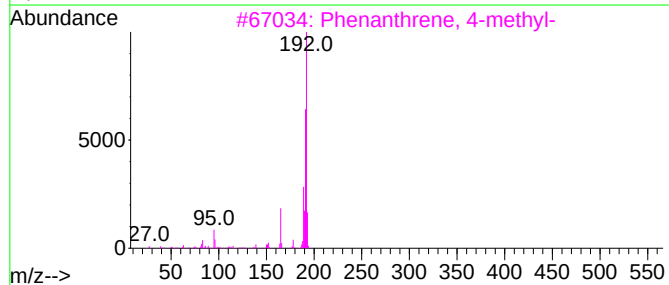
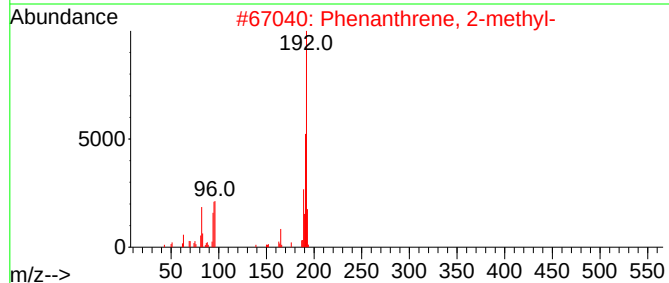
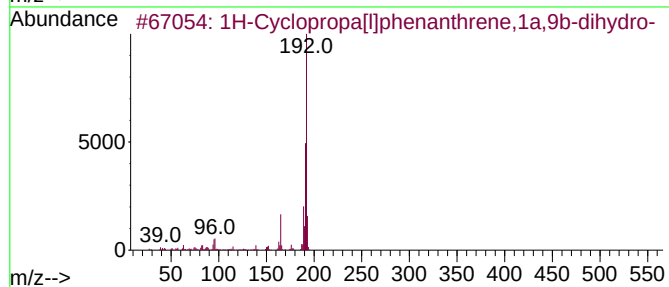
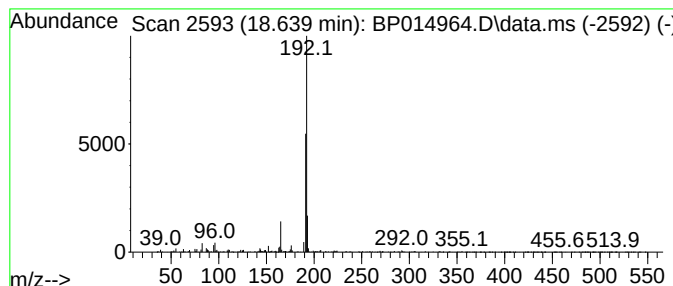
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	2.18 ng/ul	296521	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014964.D
Acq On : 04 May 2023 21:41
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ClientSampleId :
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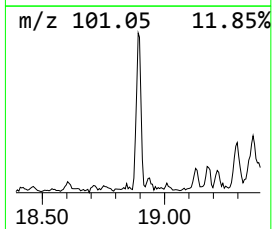
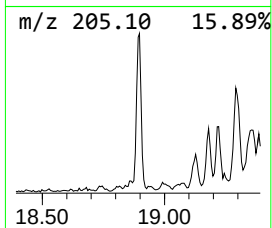
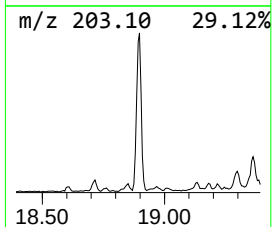
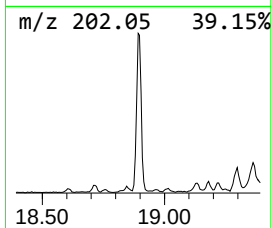
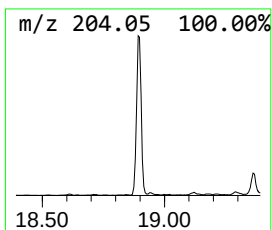
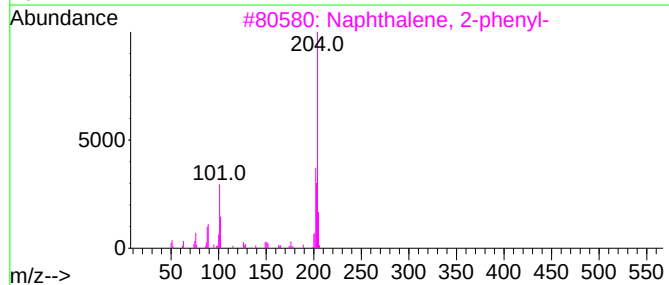
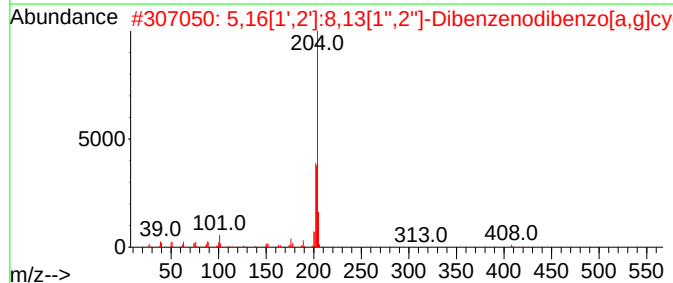
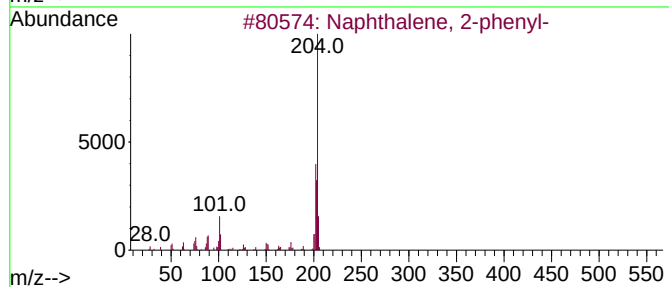
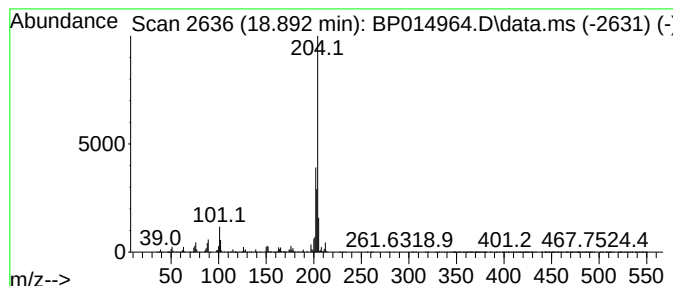
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.892	4.15 ng/ul	564878	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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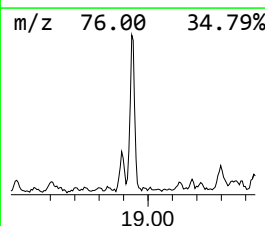
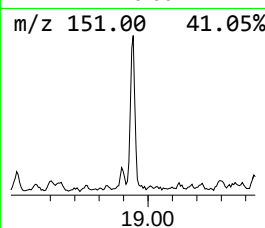
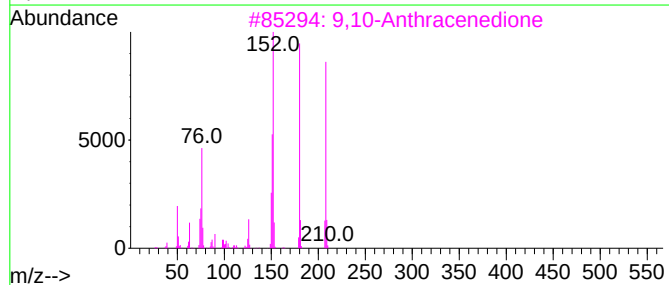
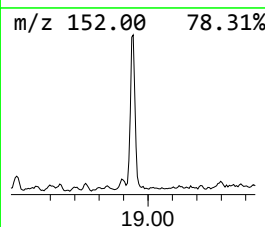
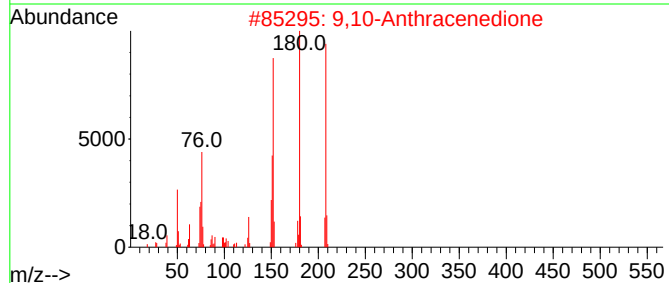
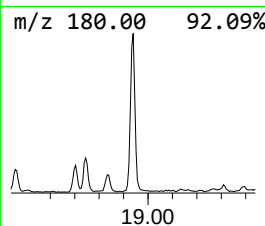
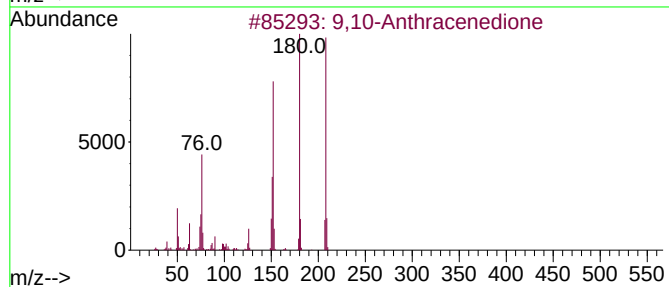
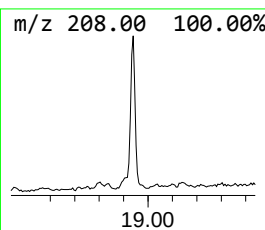
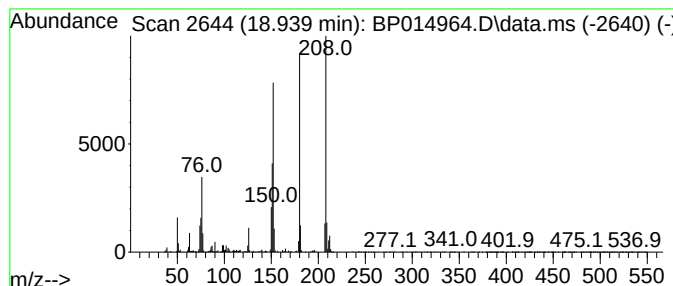
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	3.83 ng/ul	520903	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	99
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
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_P\Data\BP050423\
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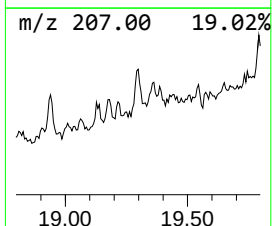
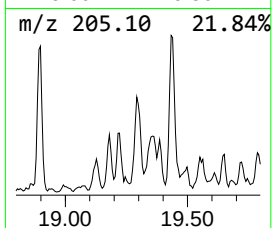
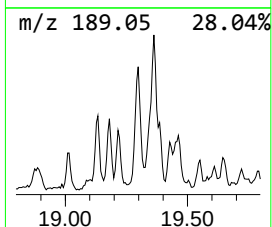
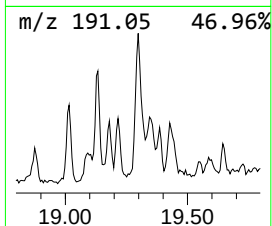
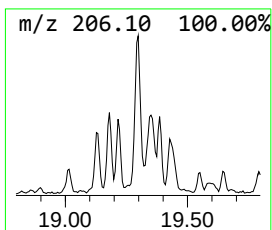
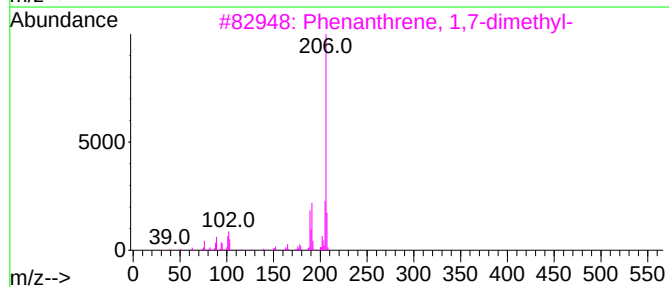
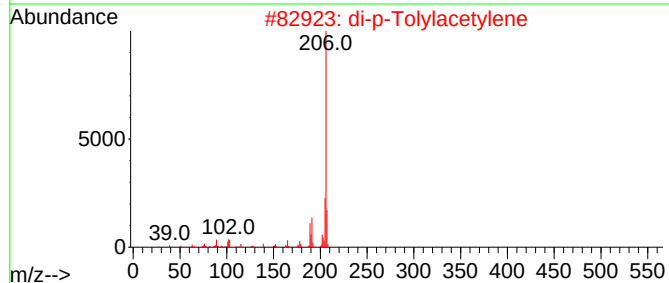
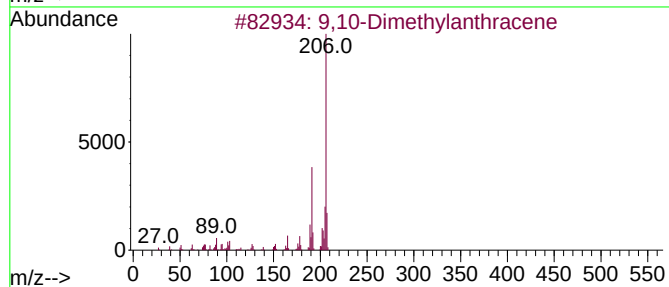
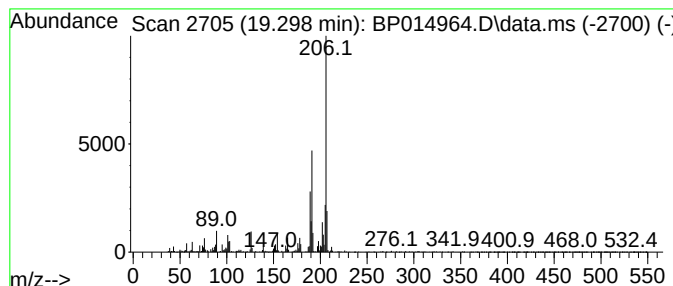
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 9,10-Dimethylantracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.298	3.49 ng/ul	474605	Phenanthrene-d10	17.563

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene	206	C16H14	000781-43-1	90	
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	90	
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89	
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87	
5	9,10-Dimethylantracene	206	C16H14	000781-43-1	86	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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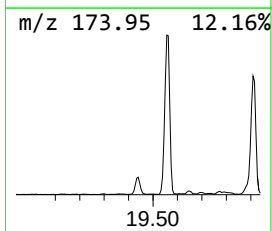
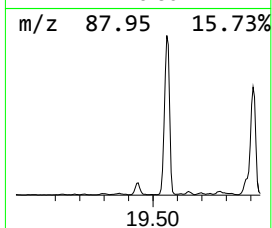
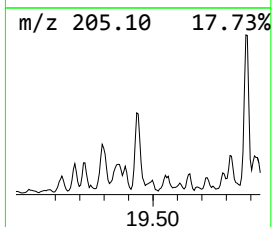
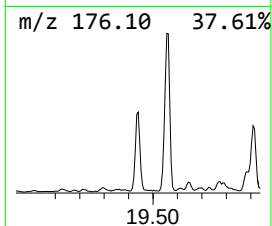
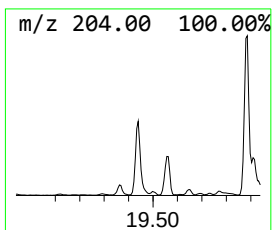
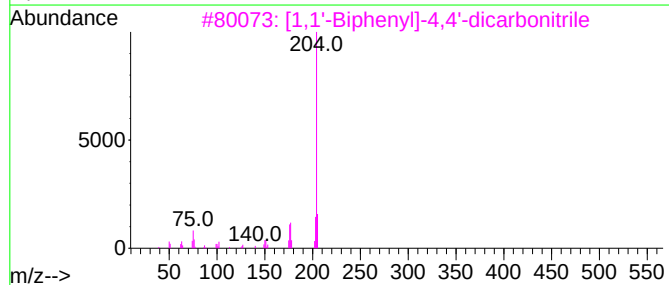
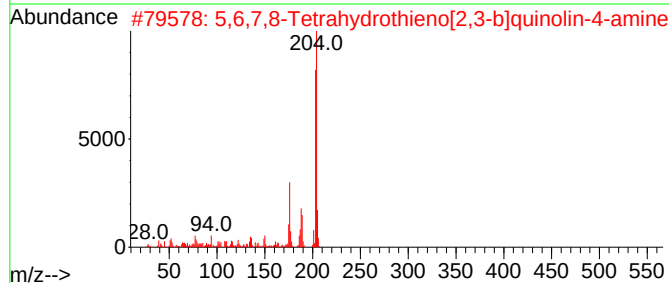
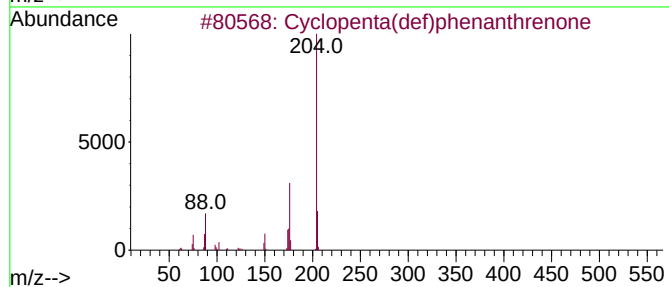
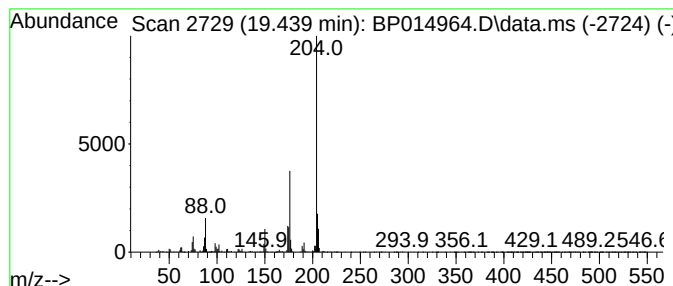
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.439	5.29 ng/ul	719243	Phenanthrene-d10	17.563	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014964.D
Acq On : 04 May 2023 21:41
Operator : CG/JU
Sample : 02447-21 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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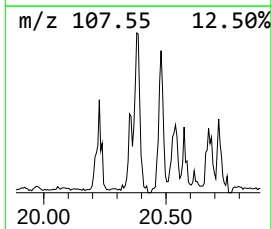
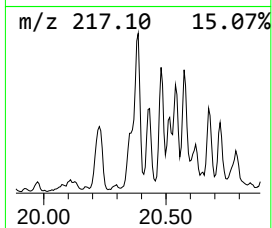
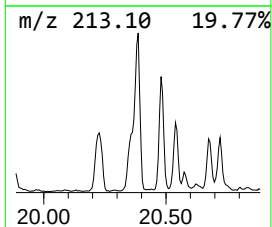
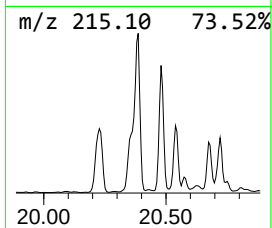
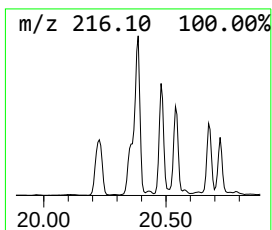
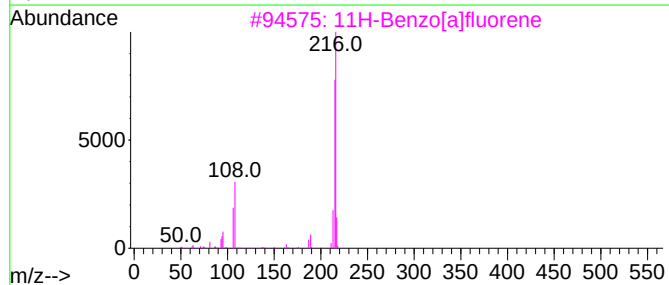
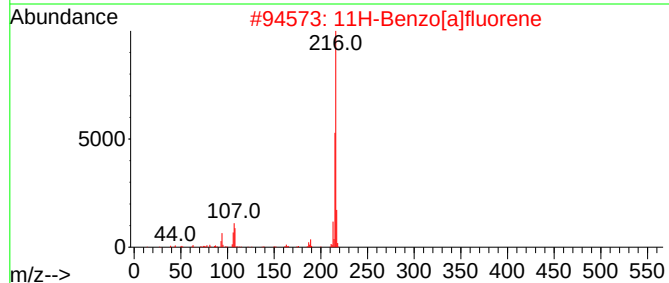
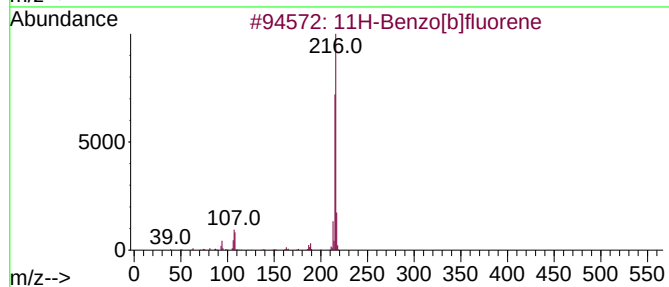
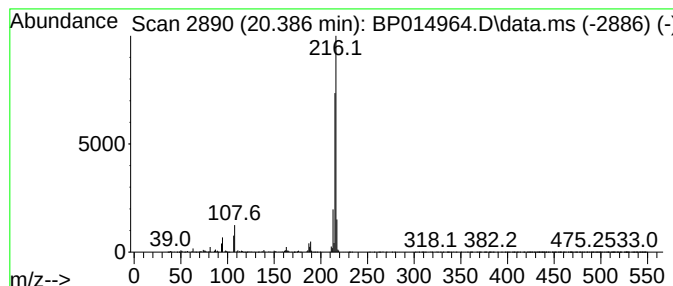
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.386	2.11 ng/ul	1431230	Chrysene-d12	21.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014964.D
Acq On : 04 May 2023 21:41
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Sample : 02447-21 10X
Misc :
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Instrument :
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ClientSampleId :
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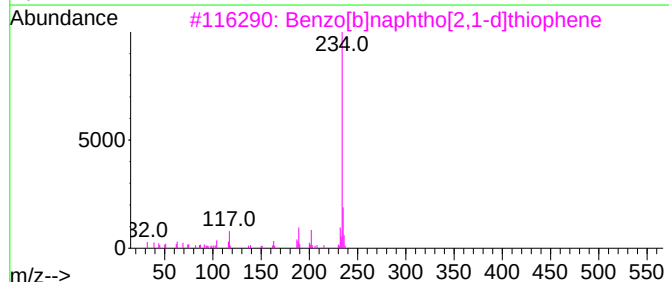
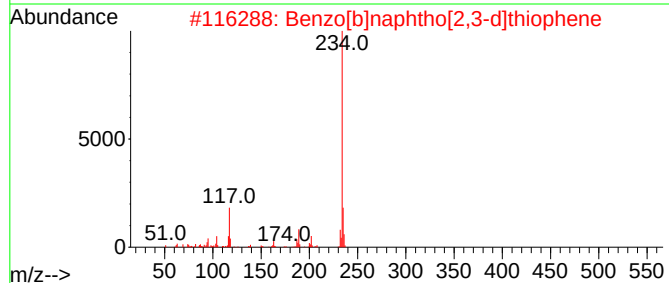
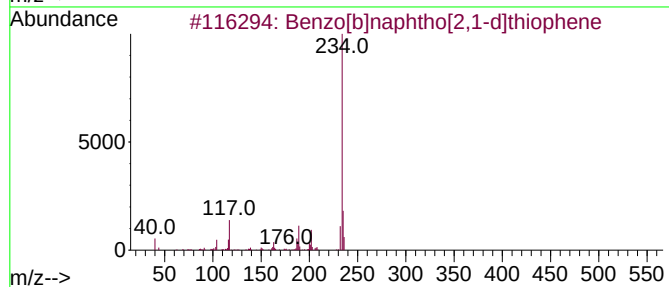
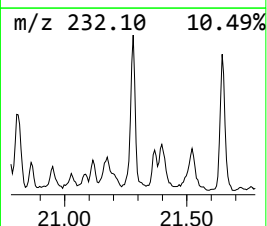
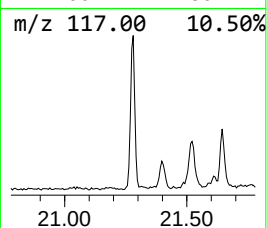
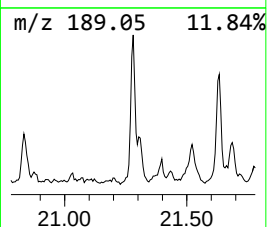
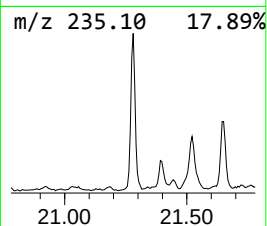
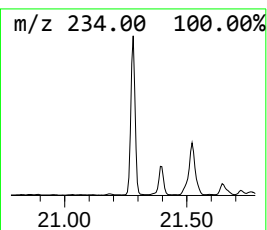
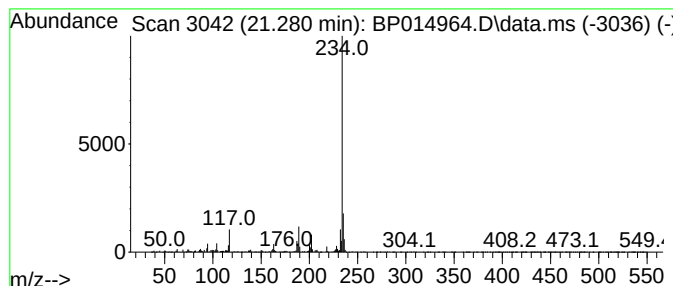
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.280	2.57 ng/ul	1741960	Chrysene-d12	21.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
5			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014964.D
Acq On : 04 May 2023 21:41
Operator : CG/JU
Sample : 02447-21 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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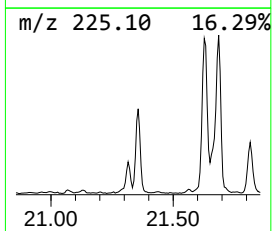
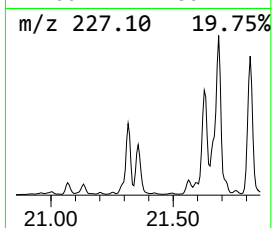
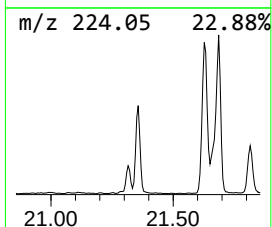
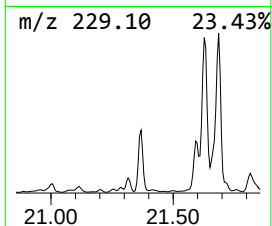
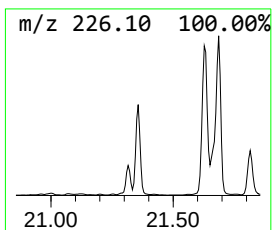
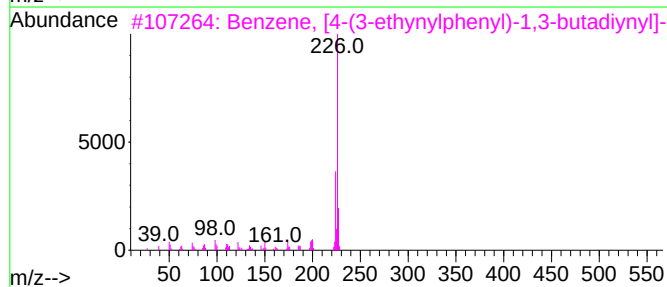
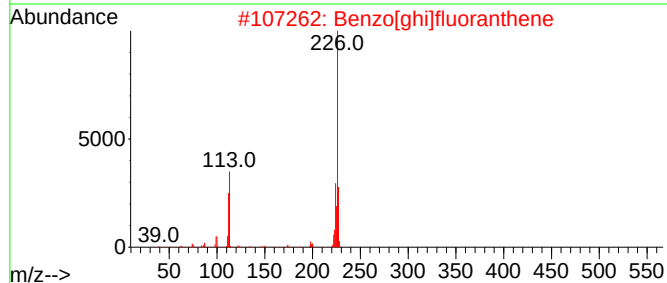
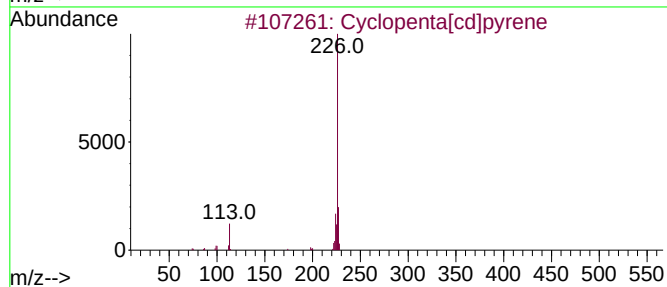
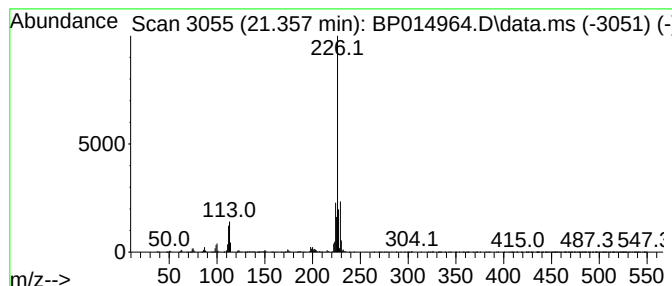
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.357	2.60 ng/ul	1762240	Chrysene-d12	21.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	60
3			Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	53
4			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
5			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014964.D
Acq On : 04 May 2023 21:41
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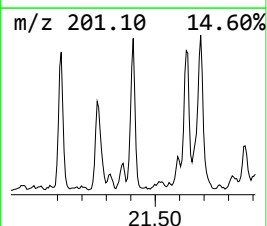
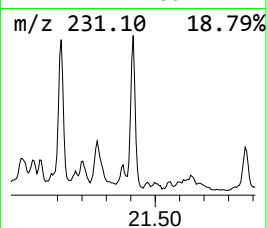
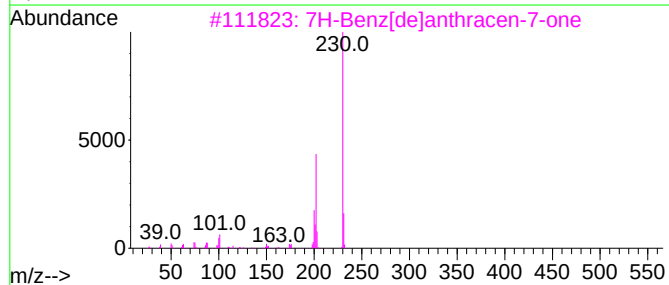
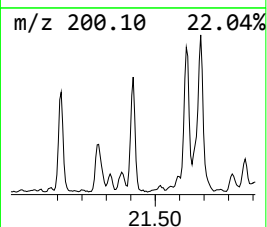
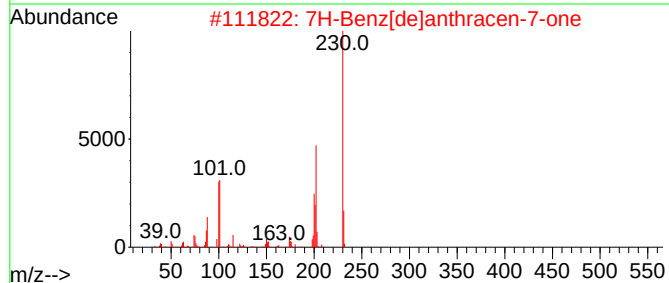
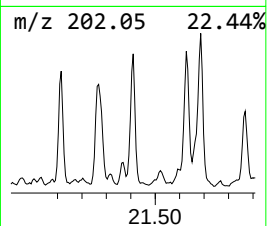
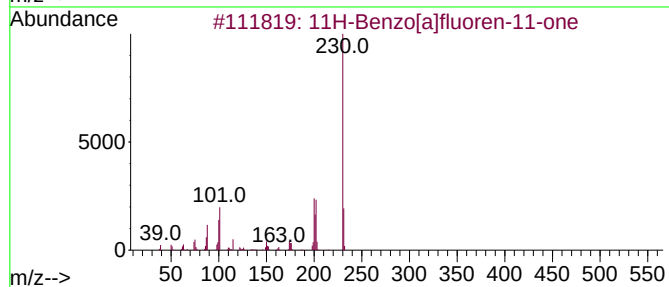
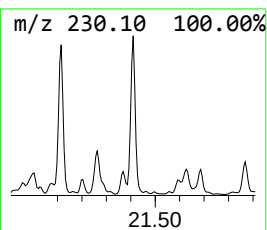
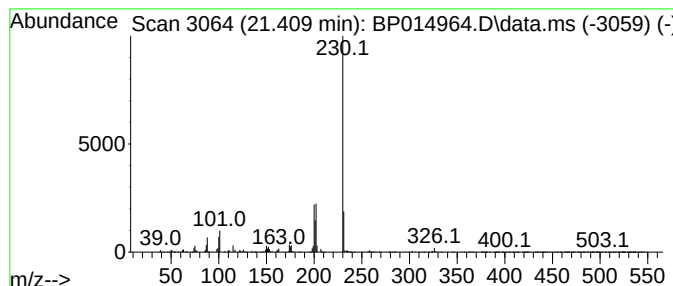
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.410	2.38 ng/ul	1613470	Chrysene-d12	21.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014964.D
Acq On : 04 May 2023 21:41
Operator : CG/JU
Sample : 02447-21 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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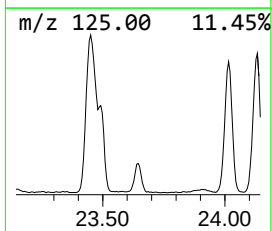
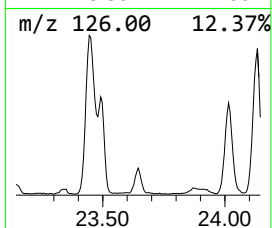
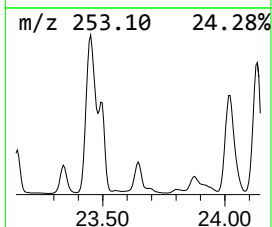
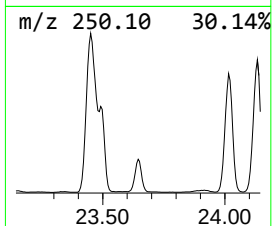
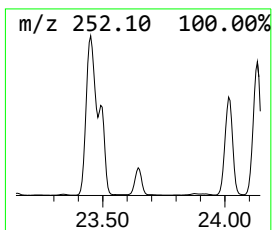
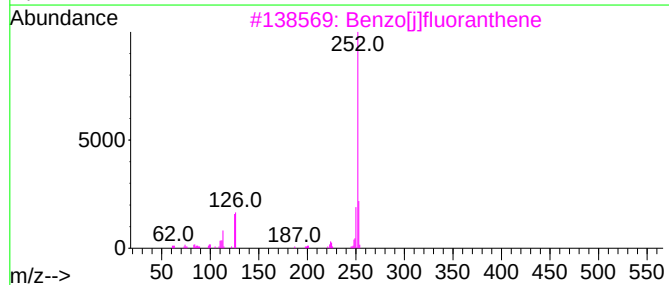
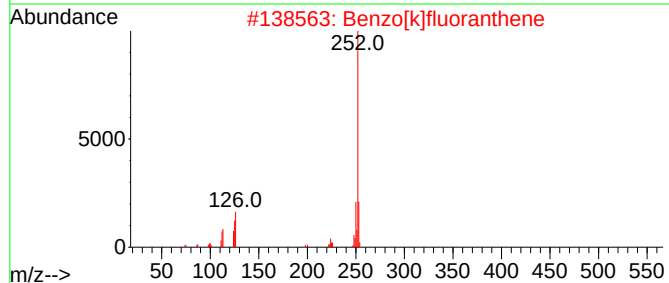
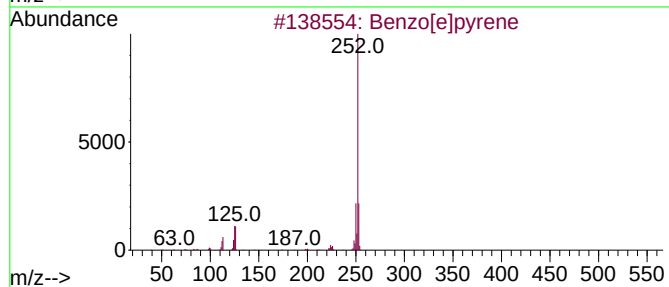
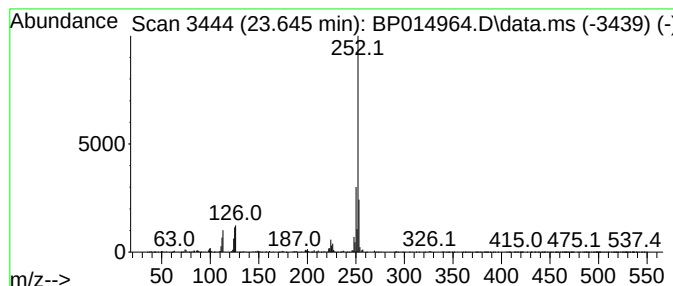
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.645	9.23 ng/ul	1487420	Perylene-d12	24.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014964.D
Acq On : 04 May 2023 21:41
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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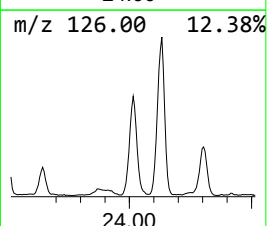
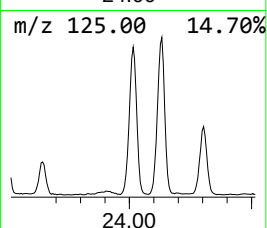
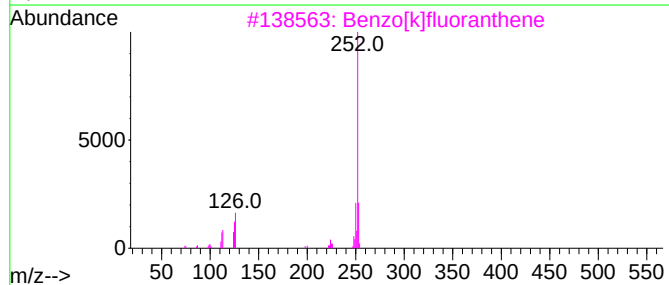
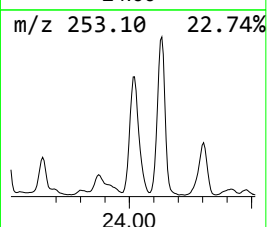
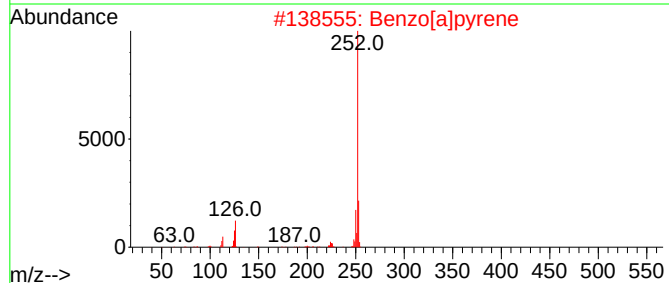
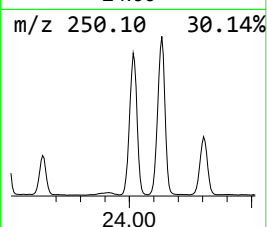
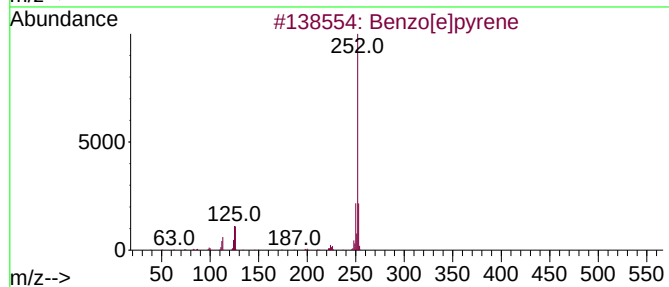
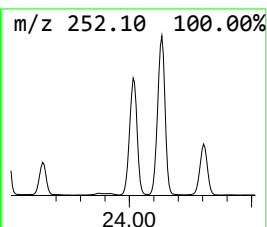
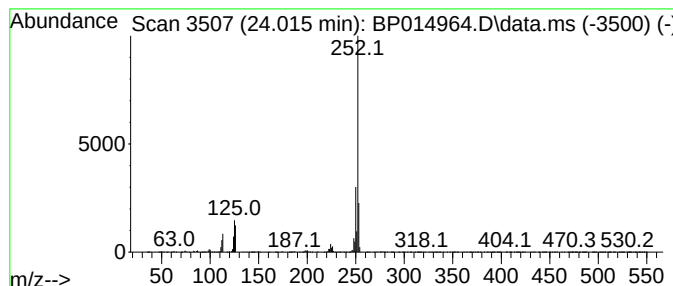
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.015	37.70 ng/ul	6077510	Perylene-d12	24.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	98
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4			Perylene	252	C20H12	000198-55-0	95
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014964.D
Acq On : 04 May 2023 21:41
Operator : CG/JU
Sample : 02447-21 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW939

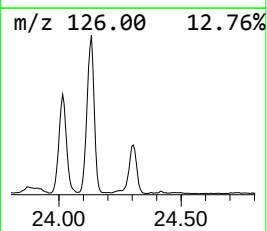
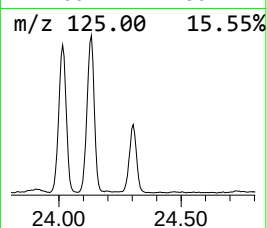
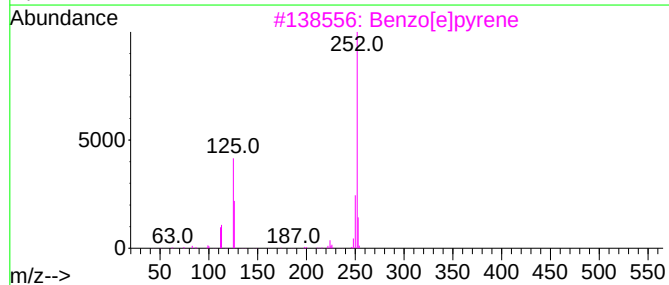
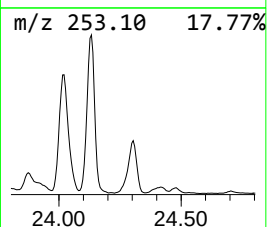
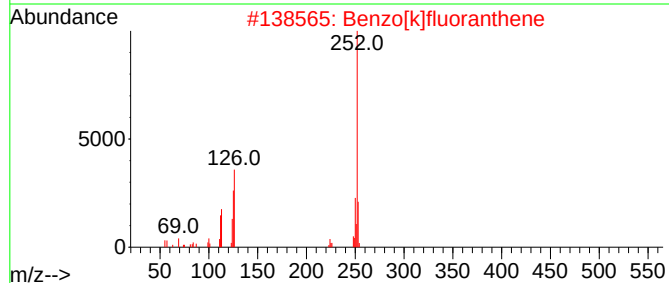
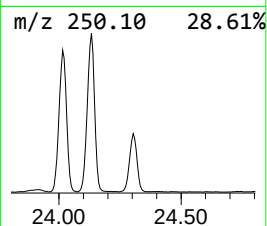
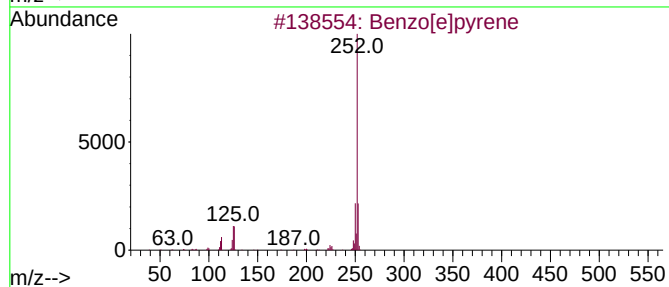
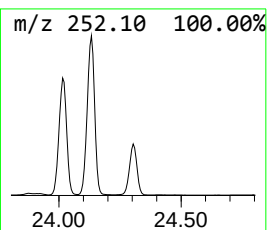
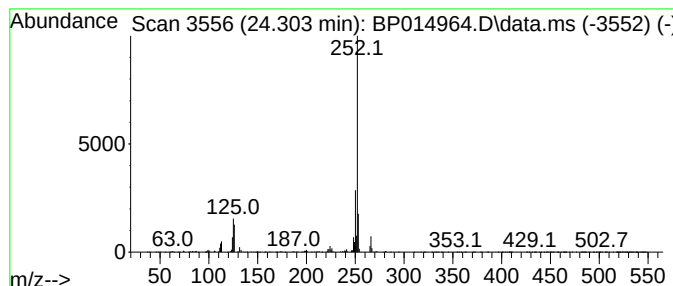
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.304	17.76 ng/ul	2863030	Perylene-d12	24.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3			Benzo[e]pyrene	252	C20H12	000192-97-2	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	89
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014964.D
 Acq On : 04 May 2023 21:41
 Operator : CG/JU
 Sample : 02447-21 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.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
Naphtho[2,1-b]t...	17.380	3.2	ng/ul	435750	4	17.563	2719870	20.0
Phenanthrene, 2...	18.416	4.3	ng/ul	583009	4	17.563	2719870	20.0
Phenanthrene, 1...	18.463	6.2	ng/ul	848964	4	17.563	2719870	20.0
Anthracene, 2-m...	18.539	2.2	ng/ul	300363	4	17.563	2719870	20.0
4H-Cyclopenta[d...	18.610	13.7	ng/ul	1862620	4	17.563	2719870	20.0
1H-Cyclopropa[1...	18.639	2.2	ng/ul	296521	4	17.563	2719870	20.0
Naphthalene, 2-...	18.892	4.2	ng/ul	564878	4	17.563	2719870	20.0
9,10-Anthracene...	18.939	3.8	ng/ul	520903	4	17.563	2719870	20.0
9,10-Dimethylan...	19.298	3.5	ng/ul	474605	4	17.563	2719870	20.0
Cyclopenta(def)...	19.439	5.3	ng/ul	719243	4	17.563	2719870	20.0
11H-Benzo[b]flu...	20.386	2.1	ng/ul	1431230	5	21.645	13567900	20.0
Benzo[b]naphtho...	21.280	2.6	ng/ul	1741960	5	21.645	13567900	20.0
Cyclopenta[cd]p...	21.357	2.6	ng/ul	1762240	5	21.645	13567900	20.0
11H-Benzo[a]flu...	21.410	2.4	ng/ul	1613470	5	21.645	13567900	20.0
Cyclopenta(cd)p...	21.815	2.5	ng/ul	1724790	5	21.645	13567900	20.0
Benzo[e]pyrene	23.645	9.2	ng/ul	1487420	6	24.245	3223940	20.0
Perylene	24.015	37.7	ng/ul	6077510	6	24.245	3223940	20.0
unknown-01	24.304	17.8	ng/ul	2863030	6	24.245	3223940	20.0