

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014987.D
 Acq On : 05 May 2023 17:03
 Operator : CG/JU
 Sample : 02447-17DL 20X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW937DL

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: BP014987.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	658	667	675	rBV	52026	95495	0.68%	0.077%
2	7.687	726	731	738	rVB	51973	87973	0.63%	0.071%
3	8.169	801	813	824	rBV	1241299	2041948	14.57%	1.649%
4	8.875	927	933	941	rBV	57276	102445	0.73%	0.083%
5	9.345	1006	1013	1019	rBV	47607	86795	0.62%	0.070%
6	10.616	1223	1229	1240	rBV	62402	114819	0.82%	0.093%
7	11.004	1285	1295	1301	rBV	1878770	3200215	22.83%	2.585%
8	11.051	1301	1303	1312	rVV	90069	129341	0.92%	0.104%
9	12.651	1569	1575	1584	rBV	64030	101248	0.72%	0.082%
10	12.869	1605	1612	1621	rBV	68019	107087	0.76%	0.086%
11	13.992	1794	1803	1811	rBV4	38569	100679	0.72%	0.081%
12	14.133	1820	1827	1832	rBV	88404	149062	1.06%	0.120%
13	14.210	1832	1840	1846	rVV2	143817	264926	1.89%	0.214%
14	14.369	1863	1867	1870	rVV	49466	72094	0.51%	0.058%
15	14.504	1884	1890	1893	rBV2	155495	256273	1.83%	0.207%
16	14.533	1893	1895	1904	rVB	145531	201653	1.44%	0.163%
17	14.810	1931	1942	1948	rBV	2865946	4295622	30.64%	3.469%
18	14.875	1948	1953	1960	rVV	380797	576138	4.11%	0.465%
19	15.010	1969	1976	1985	rVV3	33899	86131	0.61%	0.070%
20	15.210	2003	2010	2017	rVV2	229923	362714	2.59%	0.293%
21	15.280	2017	2022	2030	rVV	63740	90524	0.65%	0.073%
22	15.422	2040	2046	2051	rBV2	55678	97679	0.70%	0.079%
23	15.475	2051	2055	2065	rVB	50443	79477	0.57%	0.064%
24	15.592	2068	2075	2078	rBV3	42739	80763	0.58%	0.065%
25	15.804	2106	2111	2115	rVV	209811	308733	2.20%	0.249%
26	15.857	2115	2120	2128	rVV	422420	639100	4.56%	0.516%
27	15.980	2138	2141	2144	rVV	74398	107250	0.77%	0.087%
28	16.022	2144	2148	2152	rVV	82381	126577	0.90%	0.102%
29	16.151	2165	2170	2180	rVB2	171423	316481	2.26%	0.256%
30	16.298	2186	2195	2202	rVV	150071	313629	2.24%	0.253%
31	16.504	2225	2230	2232	rBV2	56490	83298	0.59%	0.067%
32	16.527	2232	2234	2240	rVB3	73030	105188	0.75%	0.085%
33	16.863	2280	2291	2296	rBV4	139698	341224	2.43%	0.276%
34	16.916	2296	2300	2305	rVB2	76936	114240	0.81%	0.092%
35	17.092	2322	2330	2333	rBV3	110835	214597	1.53%	0.173%
36	17.133	2333	2337	2340	rVB2	95320	111661	0.80%	0.090%

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Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
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37	17.216	2346	2351	2358	rVB	276638	411230	2.93%	0.332%
38	17.292	2358	2364	2366	rBV2	125809	208778	1.49%	0.169%
39	17.386	2375	2380	2387	rVB	284875	416710	2.97%	0.337%
40	17.569	2404	2411	2414	rBV	3340253	4722043	33.69%	3.814%
41	17.610	2414	2418	2424	rVV	5835308	8502951	60.66%	6.867%
42	17.669	2424	2428	2429	rVV2	282663	366765	2.62%	0.296%
43	17.698	2429	2433	2438	rVV	1435485	1978537	14.11%	1.598%
44	17.757	2438	2443	2447	rVB2	97904	194862	1.39%	0.157%
45	17.839	2453	2457	2460	rBV2	40074	71252	0.51%	0.058%
46	17.963	2470	2478	2487	rBV2	441648	834124	5.95%	0.674%
47	18.074	2493	2497	2504	rBV2	174848	233855	1.67%	0.189%
48	18.139	2504	2508	2516	rVB2	156243	255780	1.82%	0.207%
49	18.274	2527	2531	2539	rVB2	81028	150776	1.08%	0.122%
50	18.351	2539	2544	2547	rBV	74103	109985	0.78%	0.089%
51	18.421	2551	2556	2560	rVV	915546	1220268	8.71%	0.985%
52	18.468	2560	2564	2570	rVB	1136782	1541519	11.00%	1.245%
53	18.545	2572	2577	2582	rBV	419656	570770	4.07%	0.461%
54	18.616	2582	2589	2592	rBV2	1341809	2389684	17.05%	1.930%
55	18.645	2592	2594	2599	rVB	628798	708235	5.05%	0.572%
56	18.710	2601	2605	2609	rBV4	79682	121000	0.86%	0.098%
57	18.751	2609	2612	2616	rBV2	85740	113329	0.81%	0.092%
58	18.898	2632	2637	2641	rBV	754581	954595	6.81%	0.771%
59	18.945	2641	2645	2654	rVB	457577	640278	4.57%	0.517%
60	19.021	2654	2658	2663	rBV	89367	122914	0.88%	0.099%
61	19.133	2674	2677	2682	rVB	197016	239813	1.71%	0.194%
62	19.186	2682	2686	2689	rBV	164583	178002	1.27%	0.144%
63	19.221	2689	2692	2696	rVB	170823	206691	1.47%	0.167%
64	19.304	2700	2706	2711	rBV	480341	856644	6.11%	0.692%
65	19.363	2711	2716	2719	rBV3	182733	327102	2.33%	0.264%
66	19.445	2725	2730	2737	rBV2	607571	963662	6.87%	0.778%
67	19.563	2744	2750	2756	rBV	10076638	14017992	100.00%	11.321%
68	19.615	2756	2759	2762	rVV	156220	191504	1.37%	0.155%
69	19.651	2762	2765	2769	rVB	263794	339193	2.42%	0.274%
70	19.745	2777	2781	2784	rBV4	128497	189595	1.35%	0.153%
71	19.792	2784	2789	2798	rVB3	387497	827313	5.90%	0.668%
72	19.880	2799	2804	2806	rVV2	1887502	2728449	19.46%	2.204%
73	19.915	2806	2810	2816	rVV	8565579	11976997	85.44%	9.673%
74	19.974	2816	2820	2826	rVB2	449218	661633	4.72%	0.534%
75	20.080	2834	2838	2844	rVV	482637	652372	4.65%	0.527%
76	20.145	2844	2849	2854	rVB	421718	654596	4.67%	0.529%

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77	20.280	2869	2872	2875	rBV	102255	122557	0.87%	0.099%
78	20.357	2879	2885	2886	rVV3	404183	641138	4.57%	0.518%
79	20.386	2887	2890	2895	rVB	960177	1396598	9.96%	1.128%
80	20.486	2903	2907	2911	rBV2	543332	720746	5.14%	0.582%
81	20.545	2911	2917	2921	rVV3	681244	1242797	8.87%	1.004%
82	20.580	2921	2923	2926	rVV	307941	292819	2.09%	0.236%
83	20.621	2927	2930	2934	rVB2	184974	236491	1.69%	0.191%
84	20.680	2937	2940	2944	rBV	418285	563110	4.02%	0.455%
85	20.727	2945	2948	2952	rVB	418552	458940	3.27%	0.371%
86	20.798	2958	2960	2964	rBV3	138990	183675	1.31%	0.148%
87	21.121	3011	3015	3020	rBV	875900	1093457	7.80%	0.883%
88	21.286	3037	3043	3046	rBV2	695967	1244143	8.88%	1.005%
89	21.321	3046	3049	3053	rVV	782734	948430	6.77%	0.766%
90	21.362	3053	3056	3060	rVV2	722089	1091160	7.78%	0.881%
91	21.415	3061	3065	3075	rVB2	799956	1225707	8.74%	0.990%
92	21.639	3097	3103	3108	rBV2	4355480	8986382	64.11%	7.257%
93	21.692	3108	3112	3122	rVB	3368306	5073568	36.19%	4.097%
94	21.821	3130	3134	3140	rBV	612101	904825	6.45%	0.731%
95	21.992	3159	3163	3169	rBV	477949	757356	5.40%	0.612%
96	23.451	3405	3411	3417	rBV	2307395	5860363	41.81%	4.733%
97	24.021	3502	3508	3516	rVB	1389336	2893177	20.64%	2.337%
98	24.139	3522	3528	3535	rVB	2142199	4390631	31.32%	3.546%
99	24.256	3542	3548	3553	rBV2	1214567	2361416	16.85%	1.907%
100	27.015	4010	4017	4032	rVB2	1082500	3718021	26.52%	3.003%

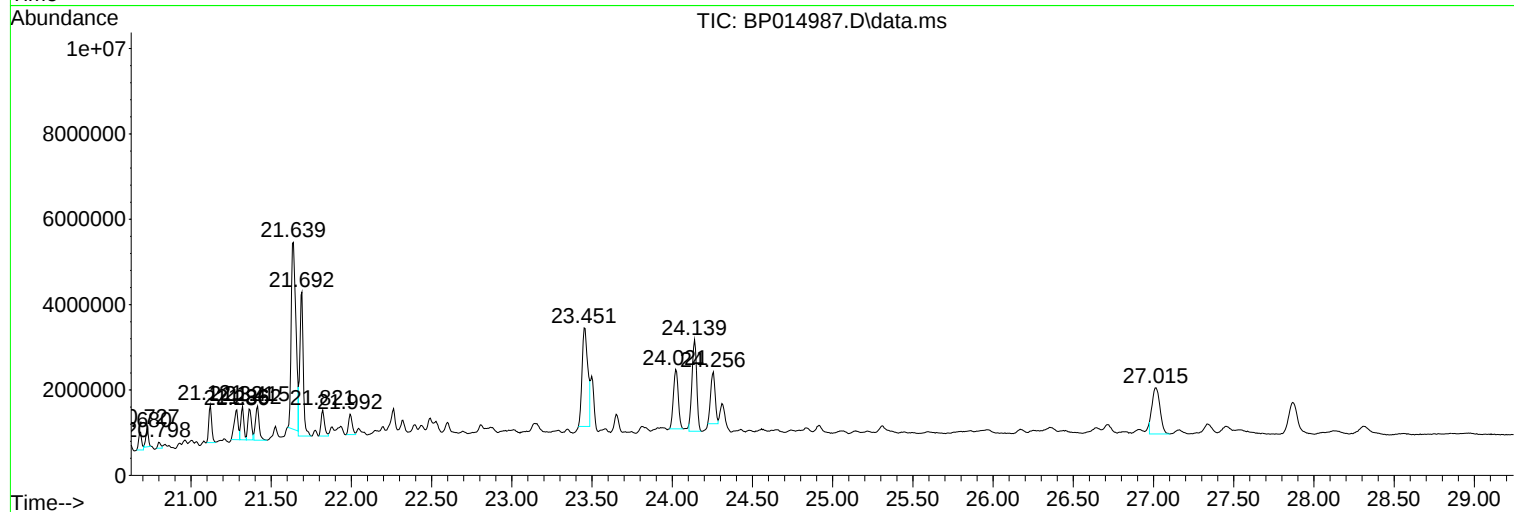
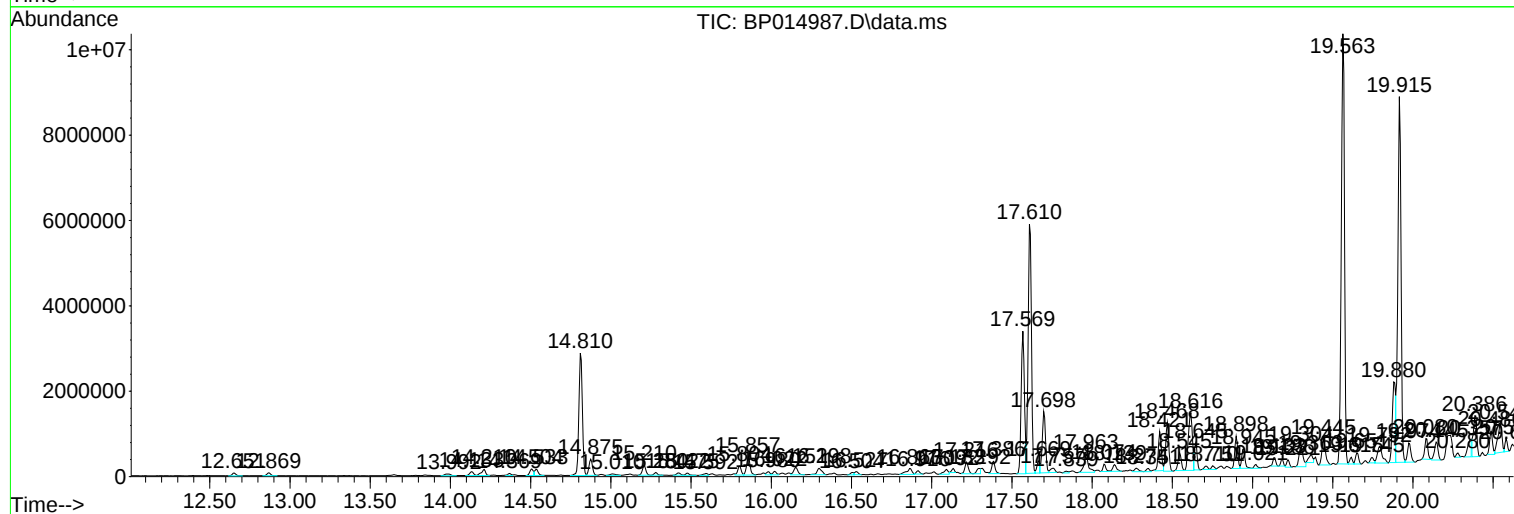
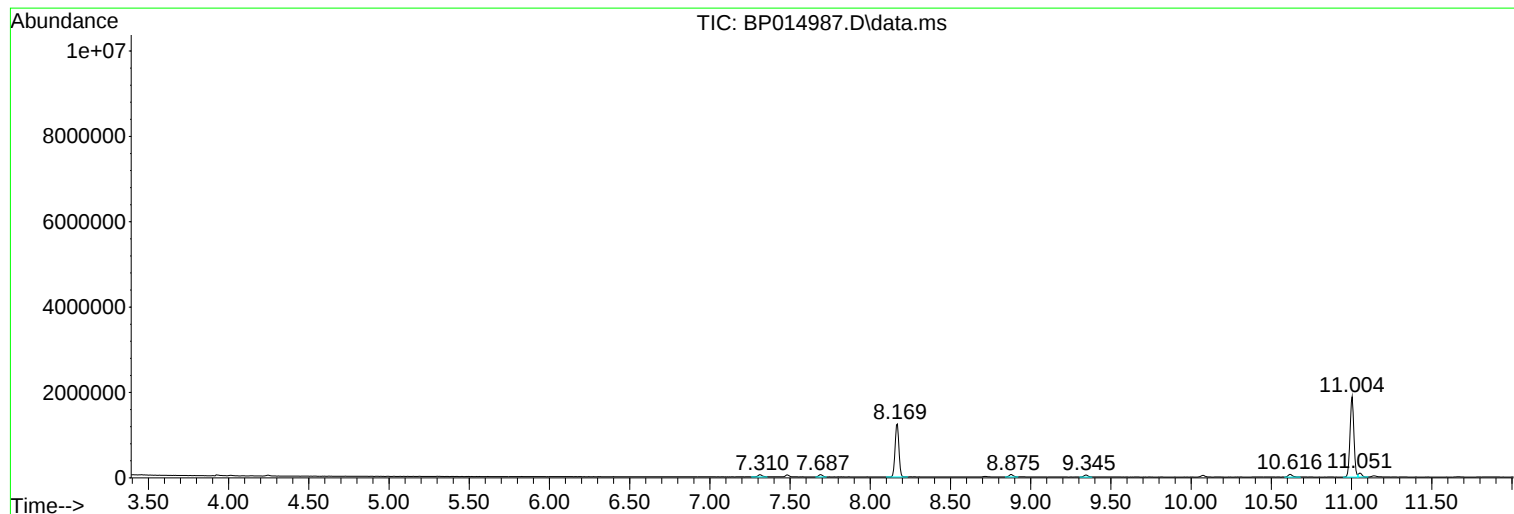
Sum of corrected areas: 123822384

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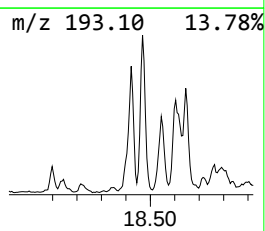
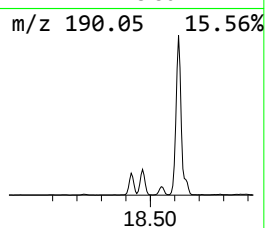
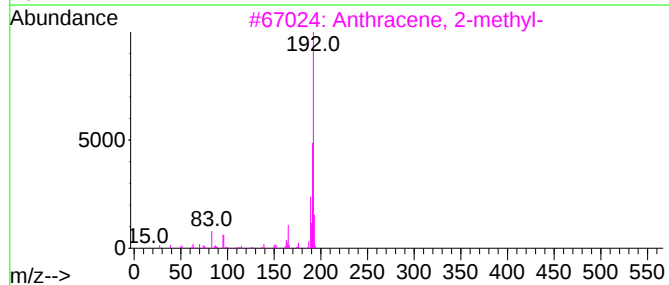
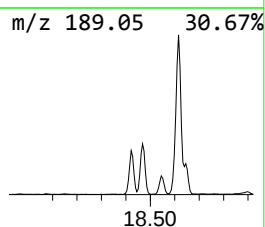
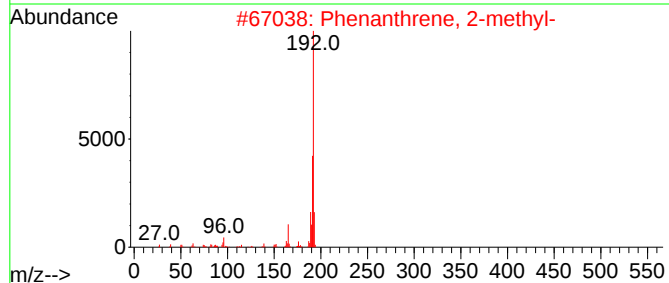
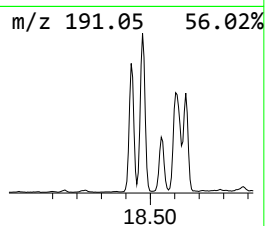
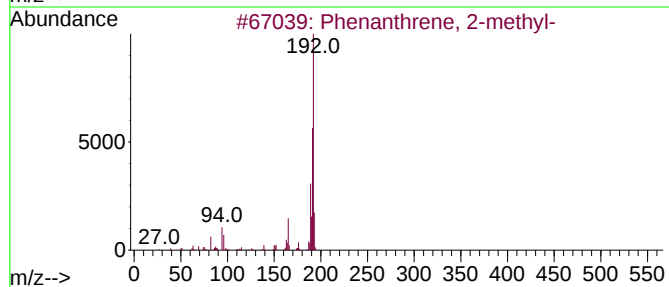
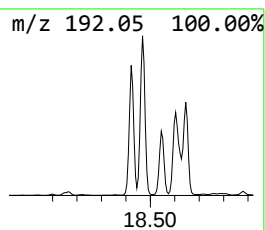
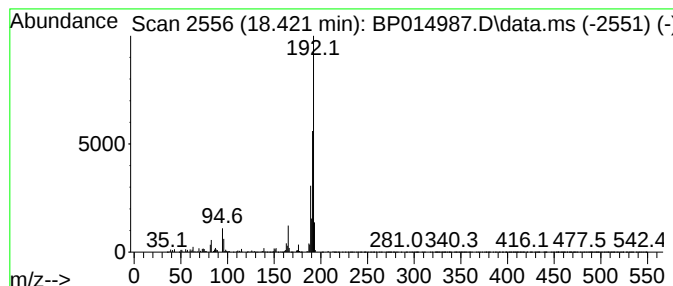
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.421	5.17 ng/ul	1220270	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



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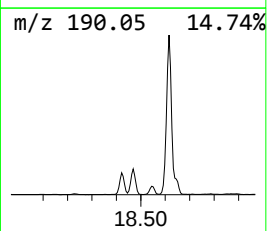
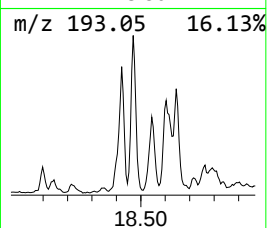
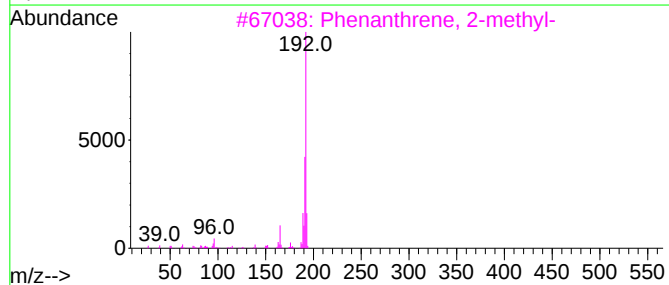
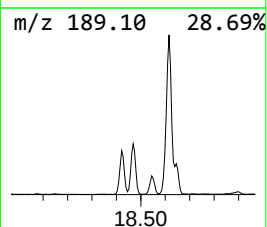
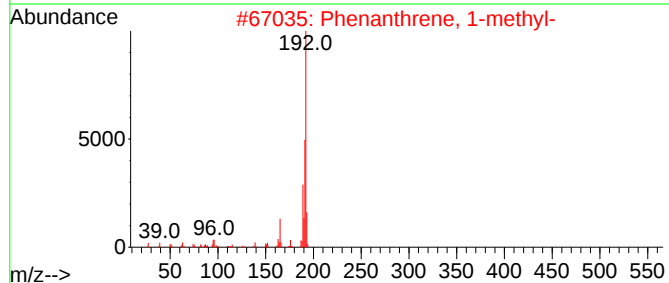
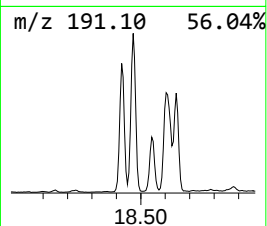
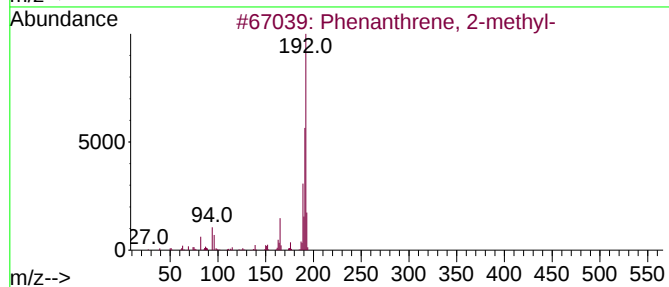
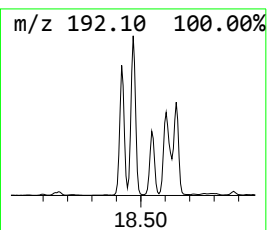
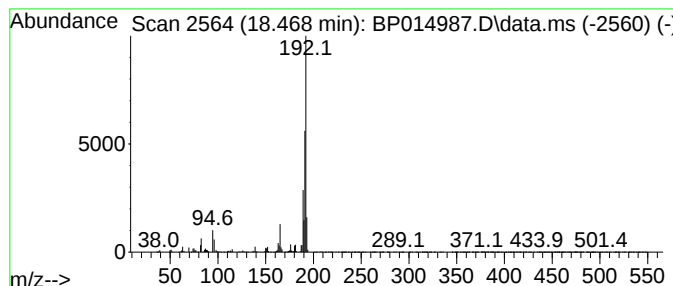
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.468	6.53 ng/ul	1541520	Phenanthrene-d10	17.569

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	97
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



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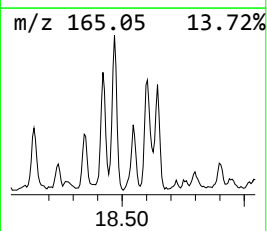
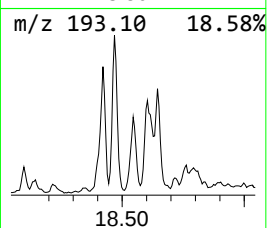
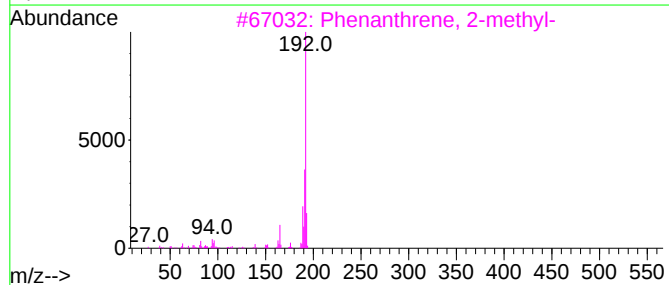
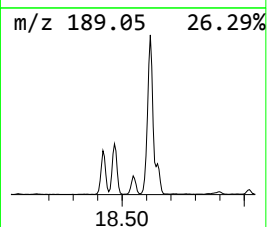
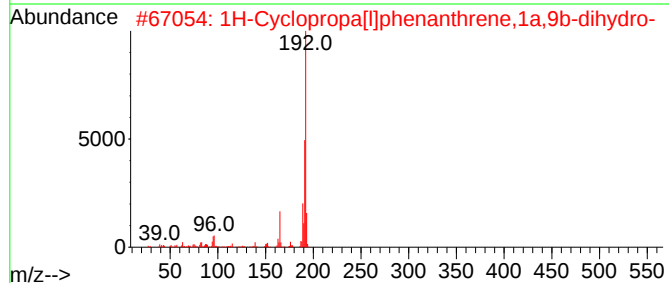
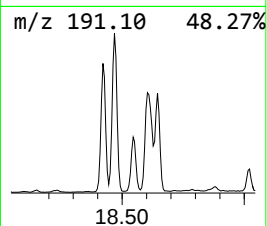
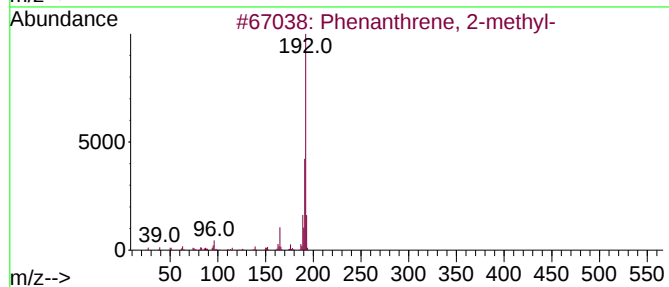
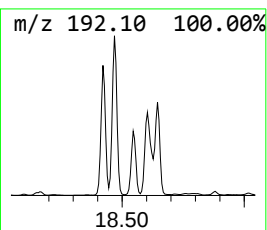
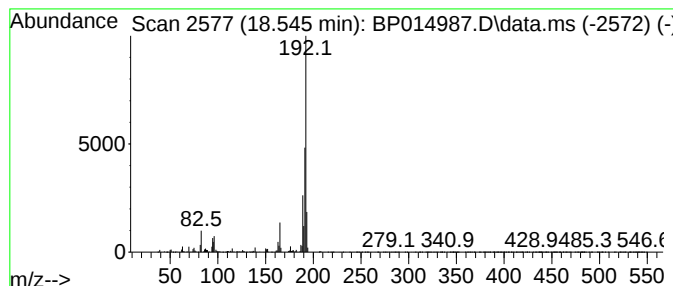
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	2.42 ng/ul	570770	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014987.D
Acq On : 05 May 2023 17:03
Operator : CG/JU
Sample : 02447-17DL 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

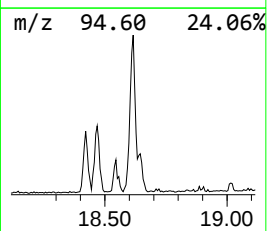
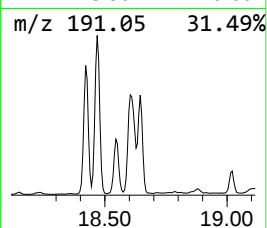
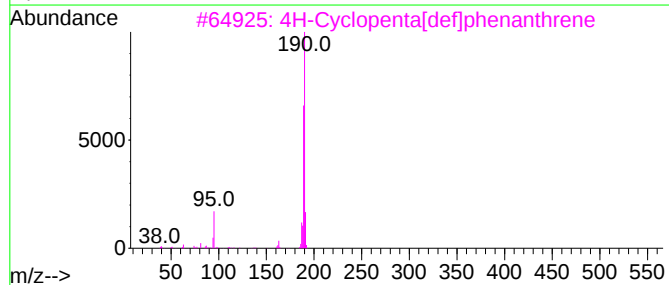
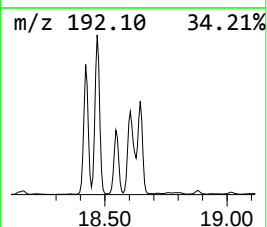
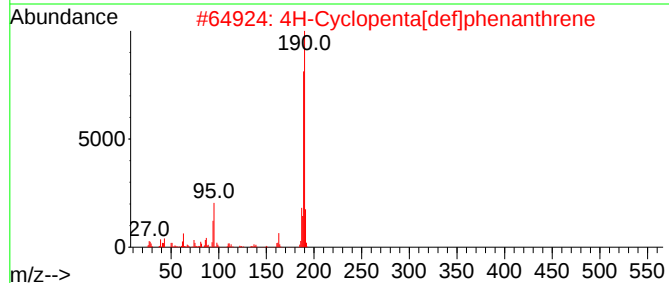
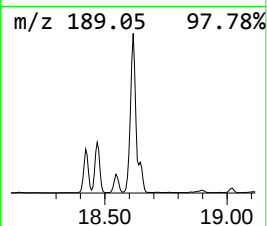
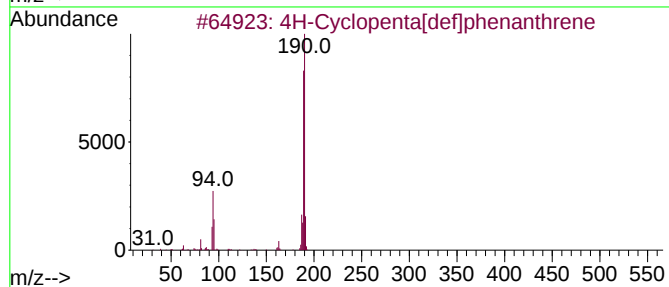
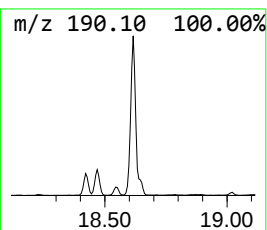
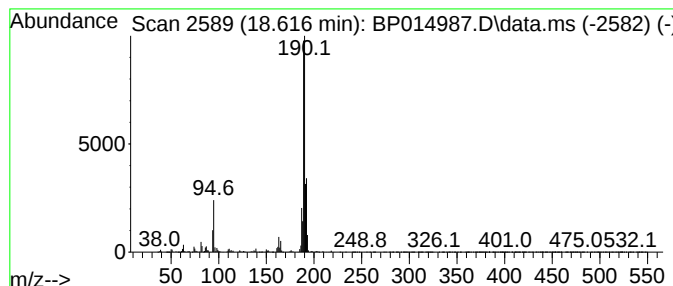
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.616	10.12 ng/ul	2389680	Phenanthrene-d10		17.569	
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	70
3	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	64
4	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	52
5	2,3,5,6-Tetramethylterephthalald...		190	C12H14O2	007072-01-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014987.D
Acq On : 05 May 2023 17:03
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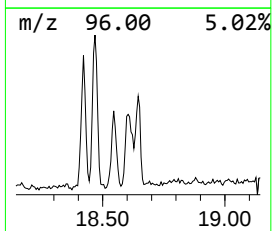
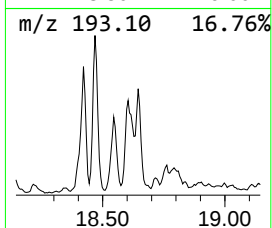
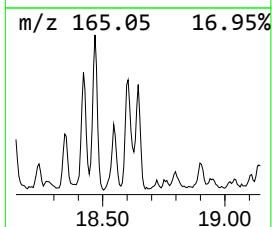
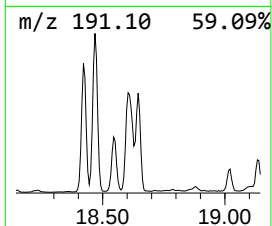
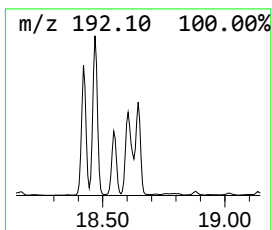
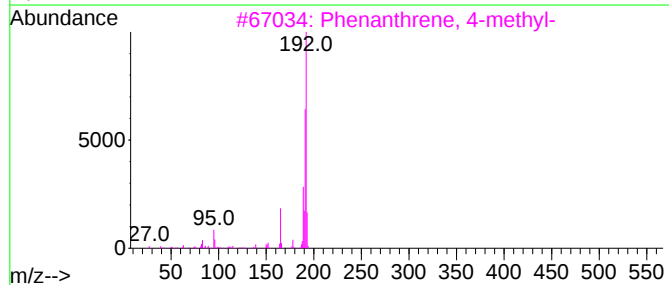
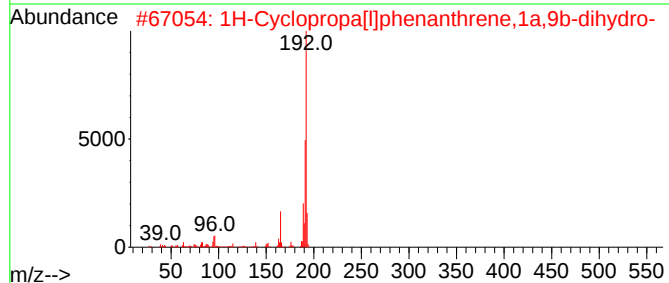
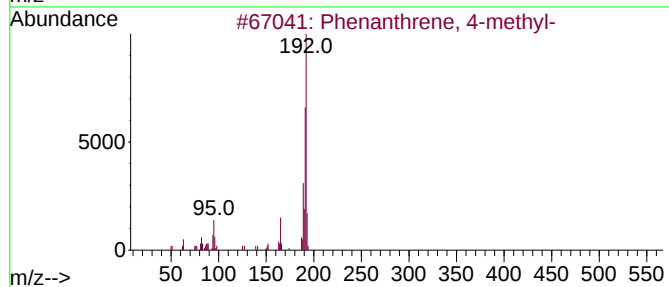
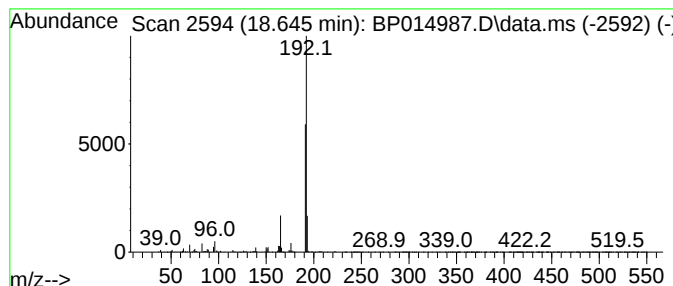
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	3.00 ng/ul	708235	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014987.D
Acq On : 05 May 2023 17:03
Operator : CG/JU
Sample : 02447-17DL 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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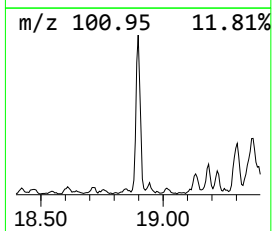
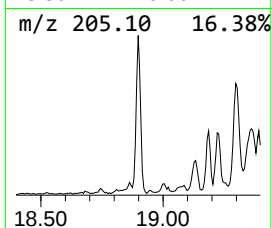
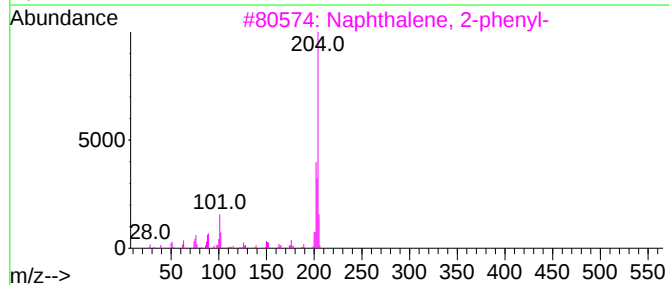
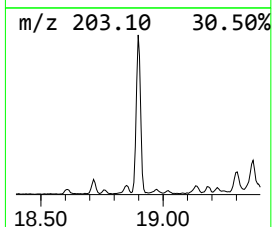
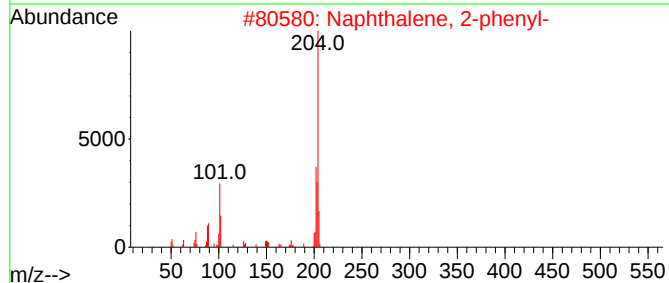
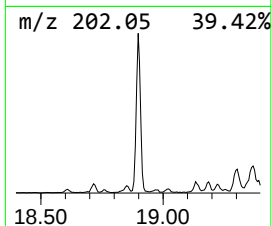
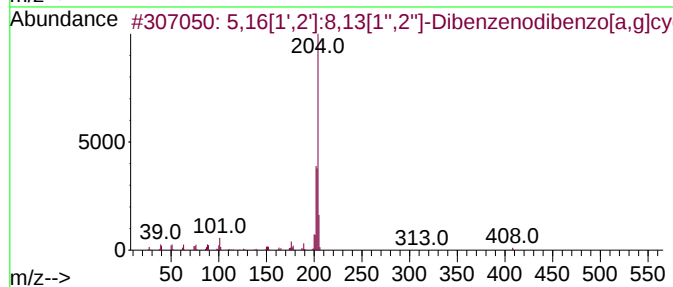
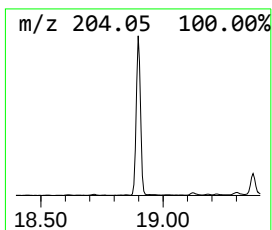
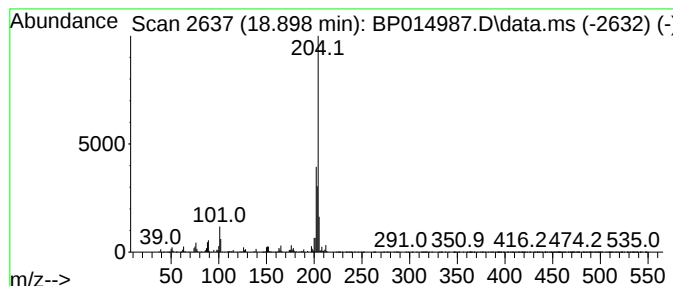
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.898	4.04 ng/ul	954595	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87		
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014987.D
Acq On : 05 May 2023 17:03
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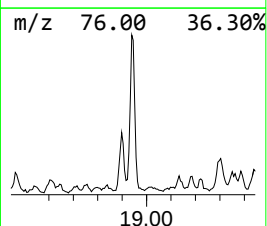
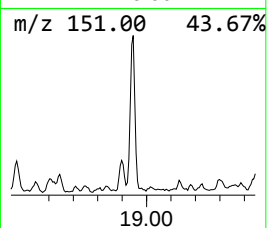
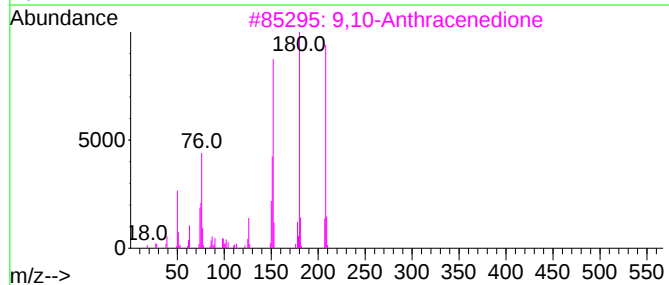
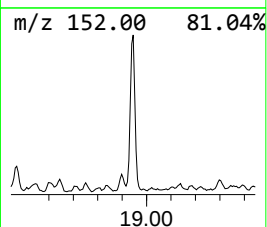
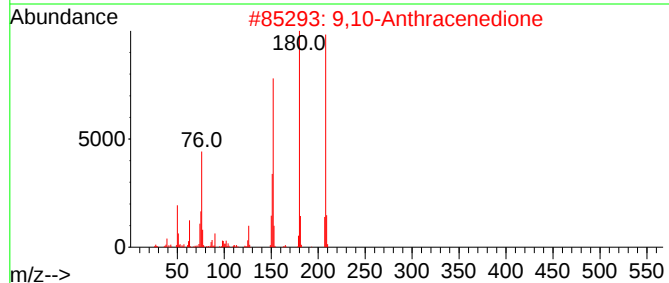
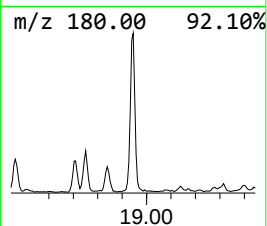
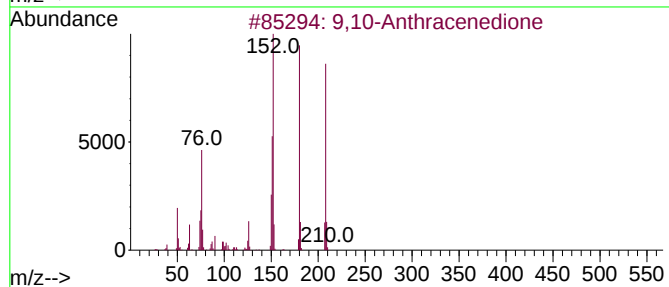
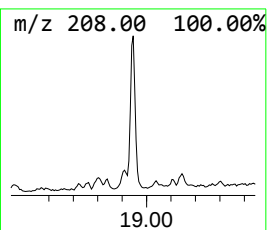
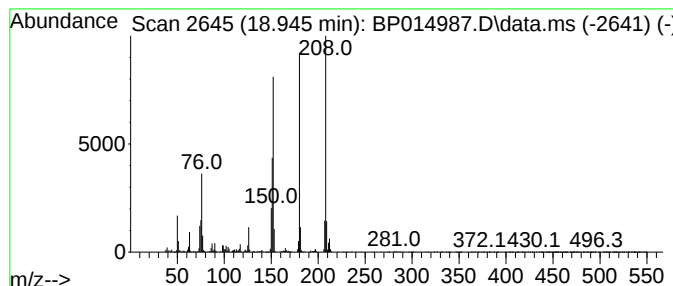
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.945	2.71 ng/ul	640278	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014987.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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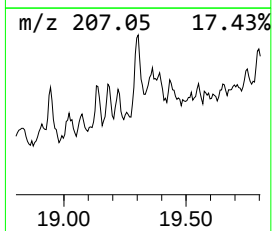
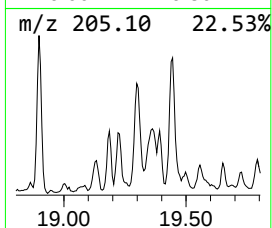
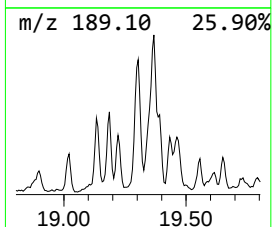
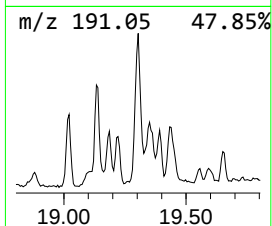
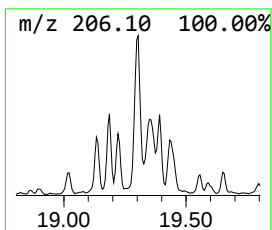
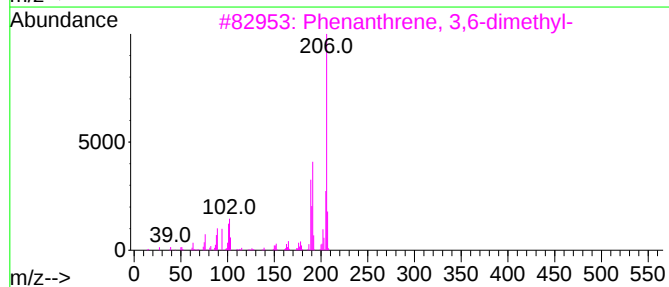
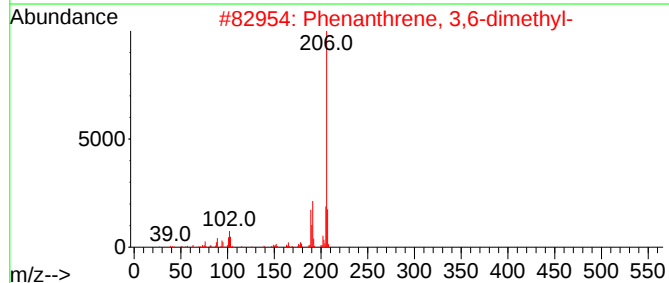
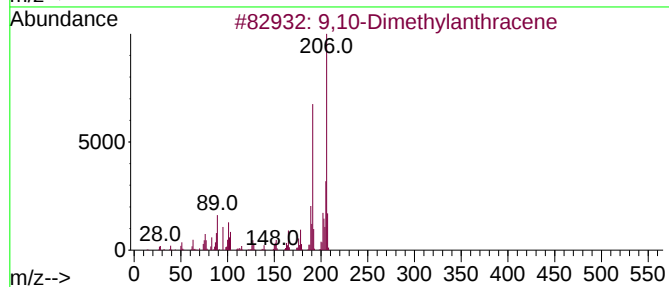
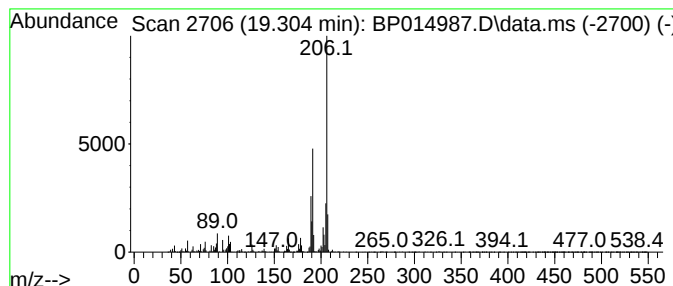
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 9,10-Dimethylantracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.304	3.63 ng/ul	856644	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014987.D
Acq On : 05 May 2023 17:03
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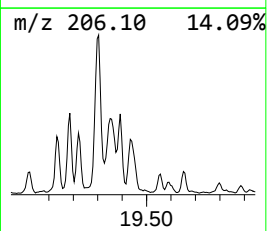
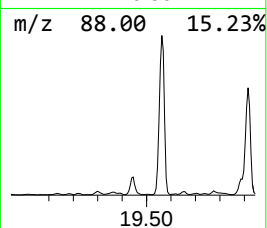
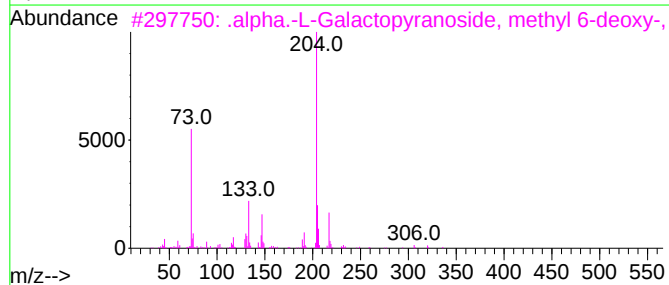
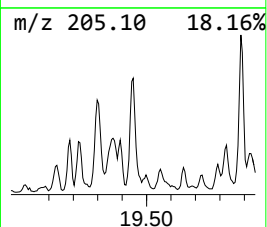
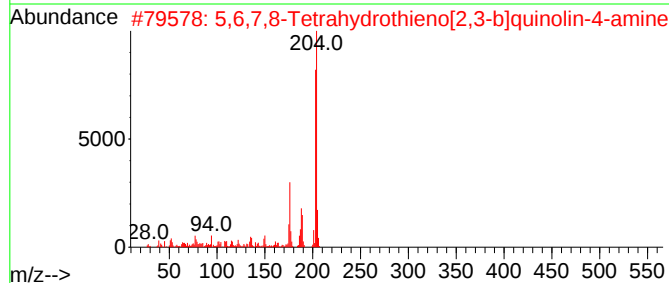
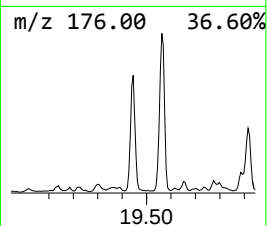
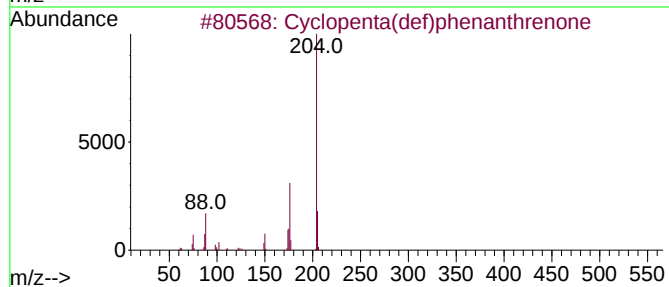
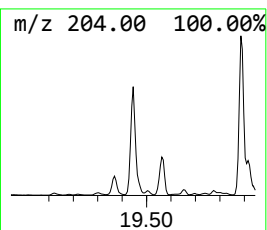
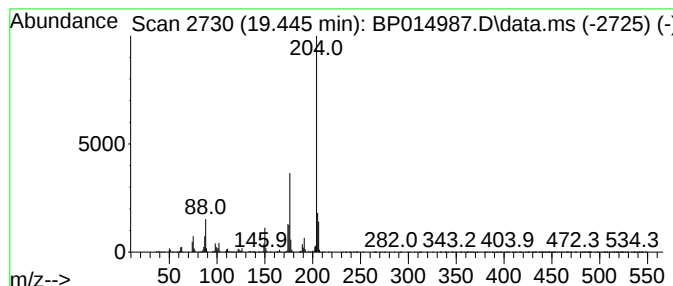
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	4.08 ng/ul	963662	Phenanthrene-d10	17.569

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			.alpha.-L-Galactopyranoside, met...	394	C16H38O5Si3	056271-60-4	50
4			Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	49
5			Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
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Acq On : 05 May 2023 17:03
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ALS Vial : 12 Sample Multiplier: 1

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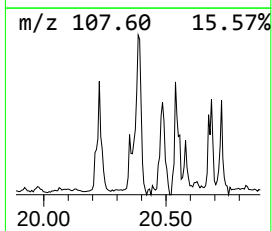
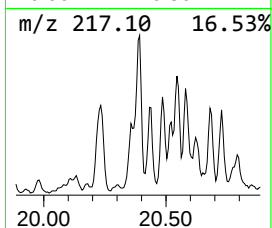
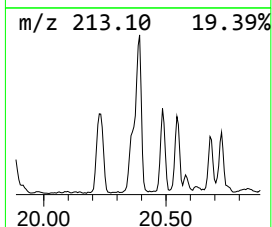
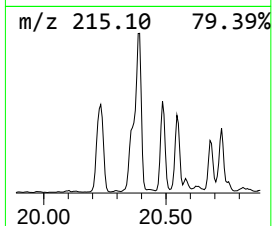
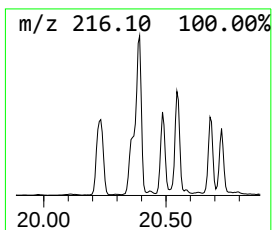
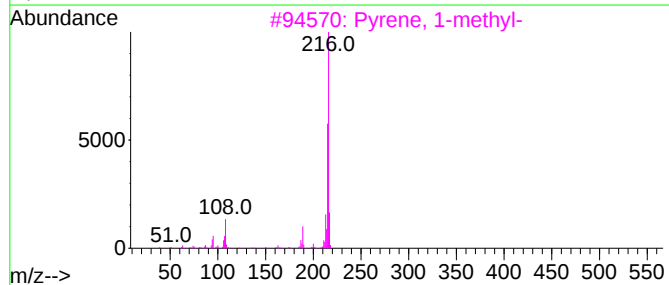
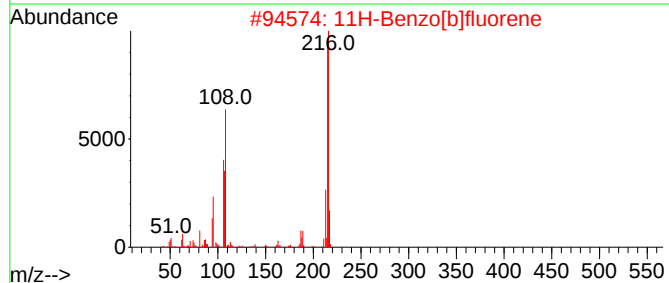
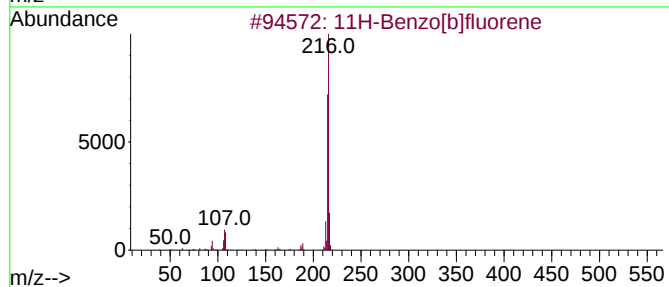
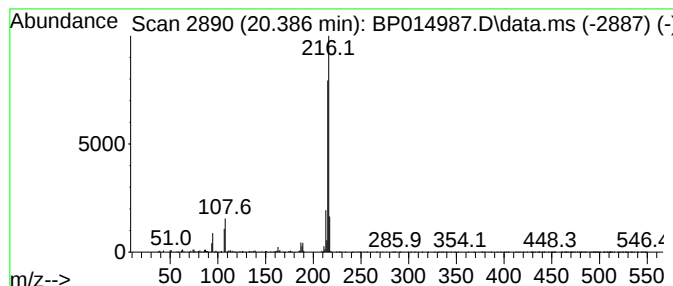
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.386	3.11 ng/ul	1396600	Chrysene-d12	21.651

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014987.D
Acq On : 05 May 2023 17:03
Operator : CG/JU
Sample : 02447-17DL 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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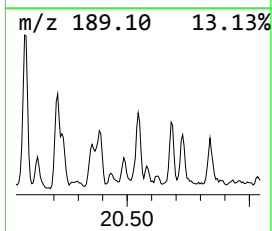
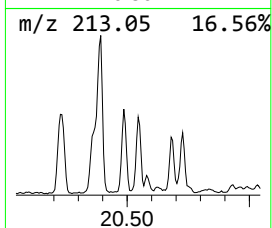
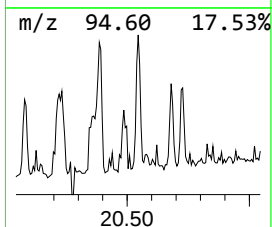
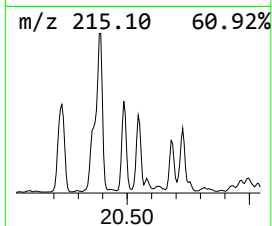
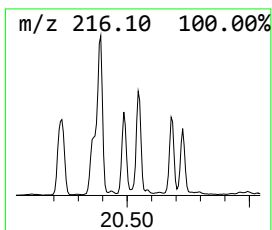
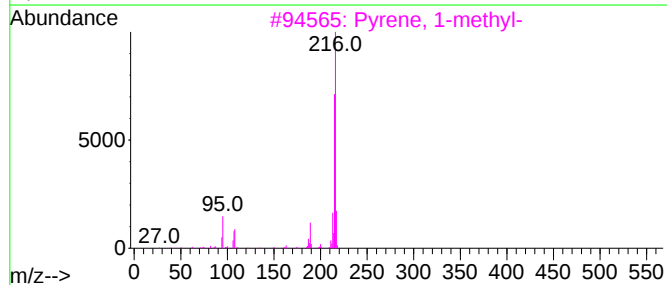
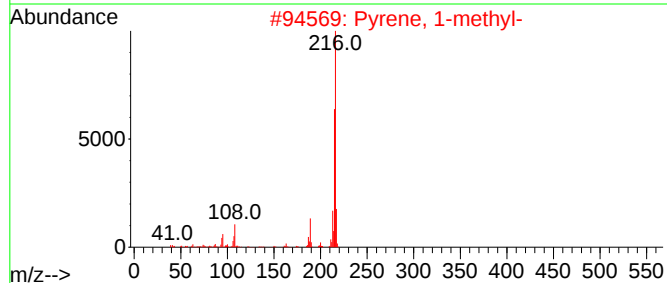
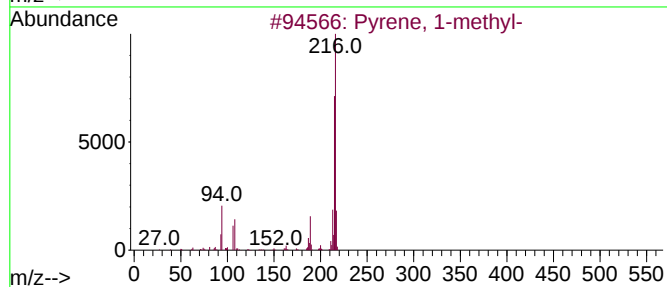
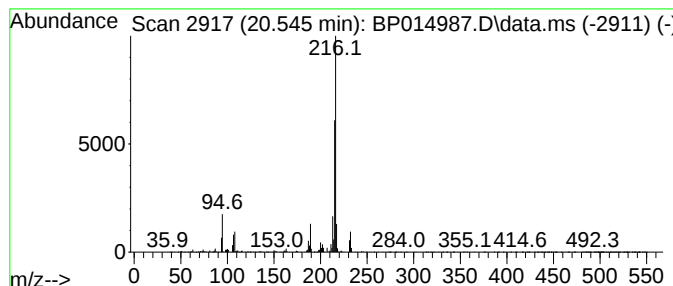
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.545	2.77 ng/ul	1242800	Chrysene-d12	21.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014987.D
Acq On : 05 May 2023 17:03
Operator : CG/JU
Sample : 02447-17DL 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW937DL

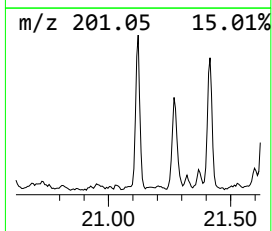
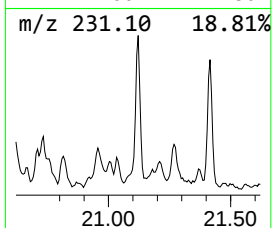
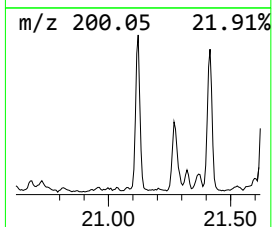
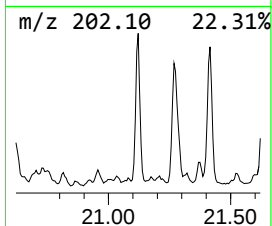
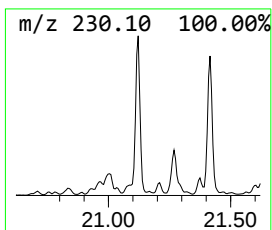
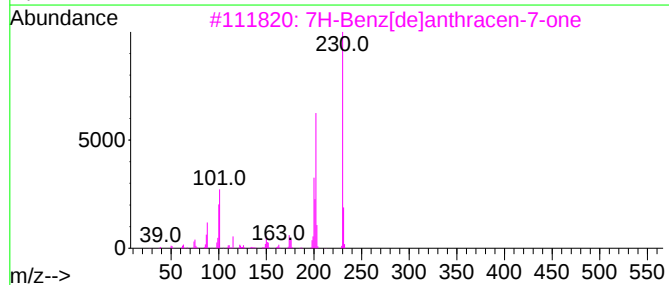
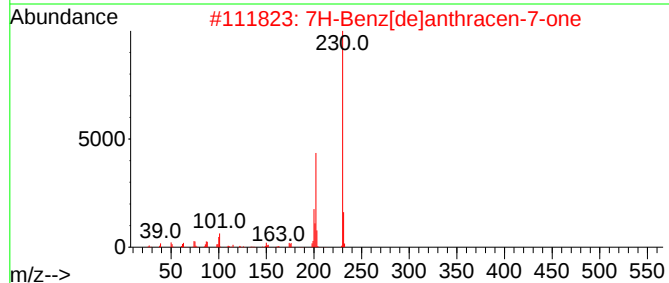
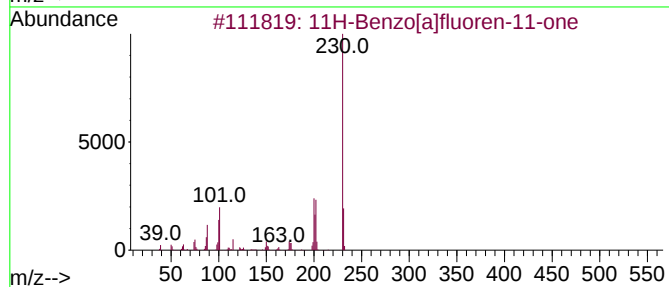
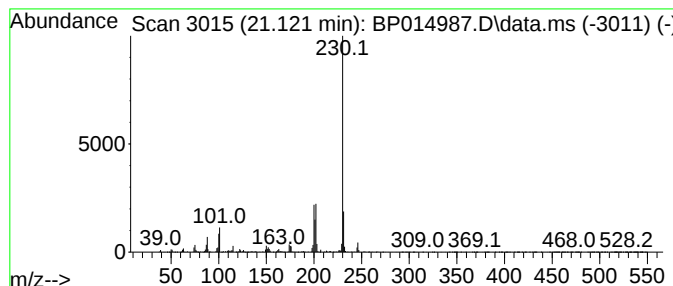
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.121	2.43 ng/ul	1093460	Chrysene-d12	21.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	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\BP050523\
Data File : BP014987.D
Acq On : 05 May 2023 17:03
Operator : CG/JU
Sample : 02447-17DL 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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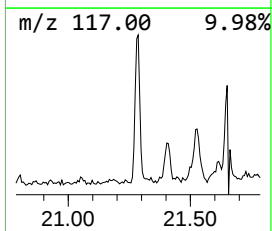
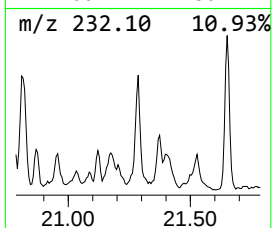
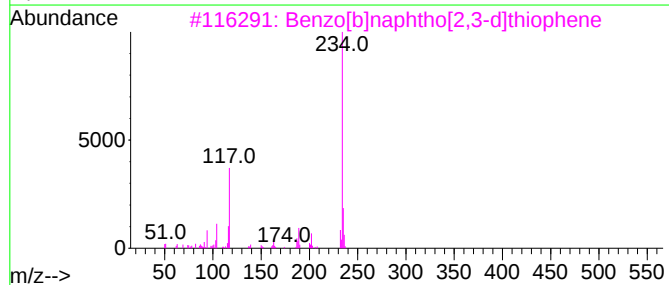
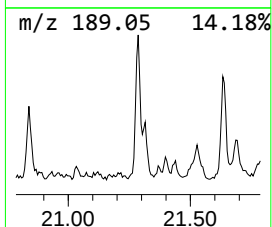
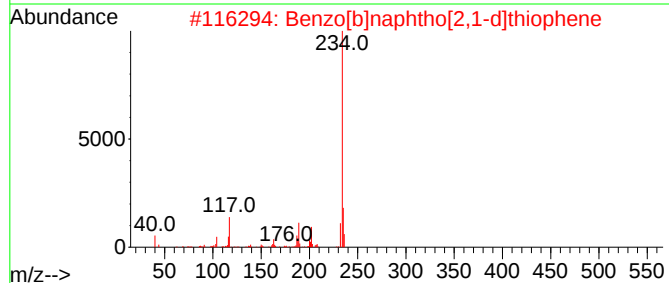
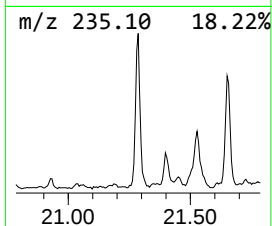
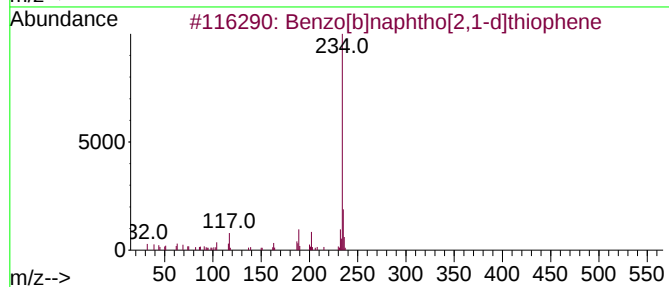
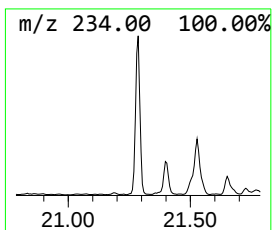
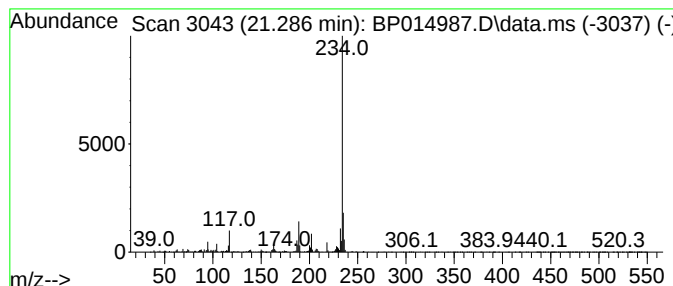
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.286	2.77 ng/ul	1244140	Chrysene-d12	21.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
4			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014987.D
Acq On : 05 May 2023 17:03
Operator : CG/JU
Sample : 02447-17DL 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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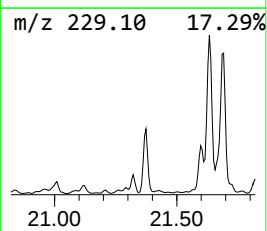
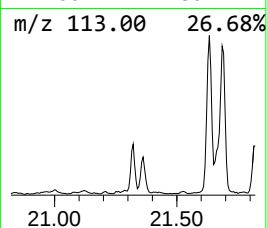
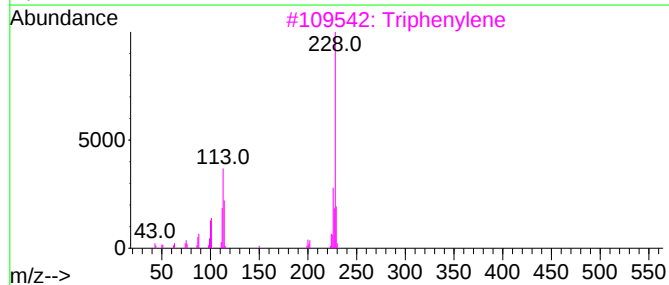
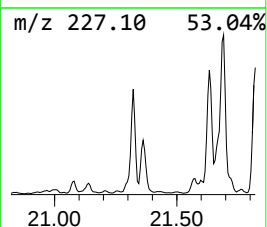
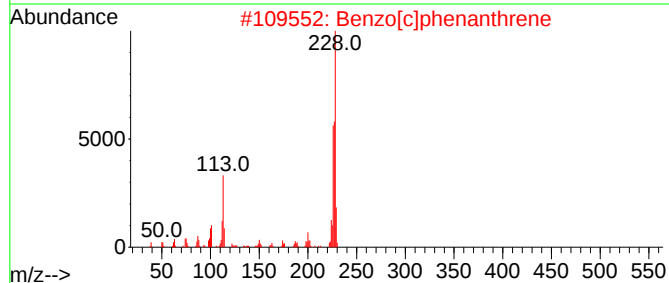
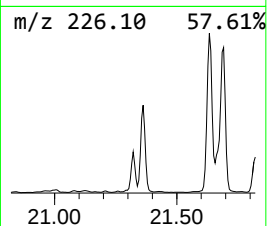
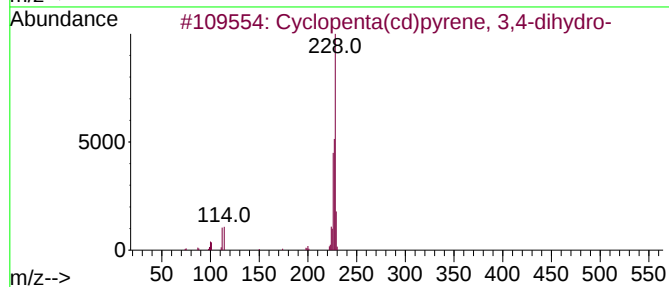
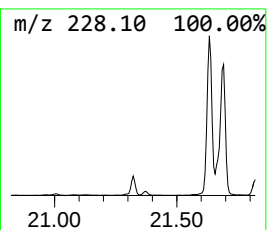
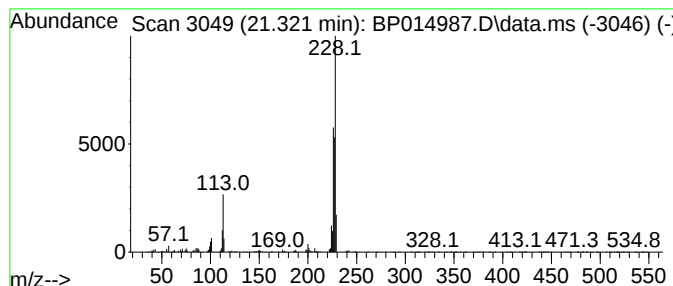
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.321	2.11 ng/ul	948430	Chrysene-d12	21.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	83
2			Benzo[c]phenanthrene	228	C18H12	000195-19-7	59
3			Triphenylene	228	C18H12	000217-59-4	55
4			5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	49
5			Benz[a]anthracene	228	C18H12	000056-55-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014987.D
Acq On : 05 May 2023 17:03
Operator : CG/JU
Sample : 02447-17DL 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW937DL

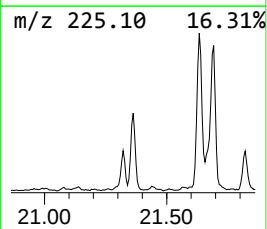
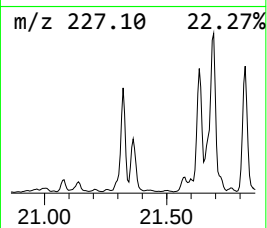
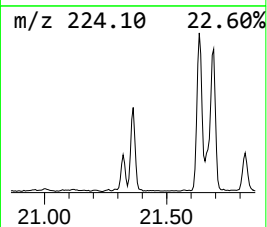
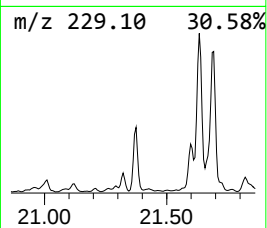
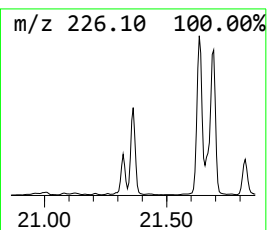
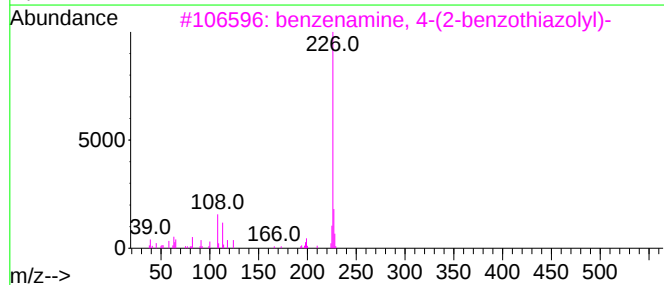
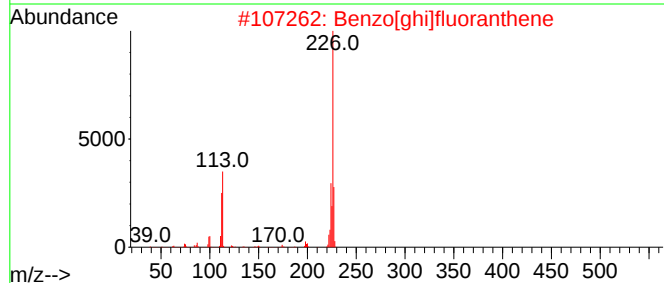
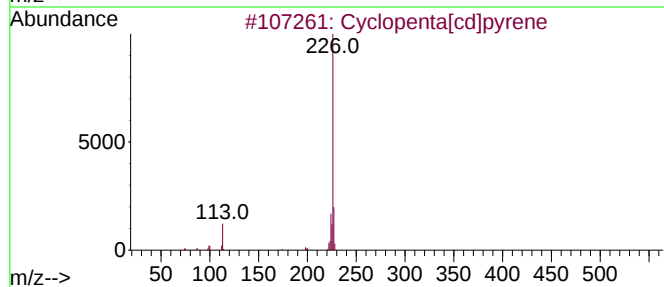
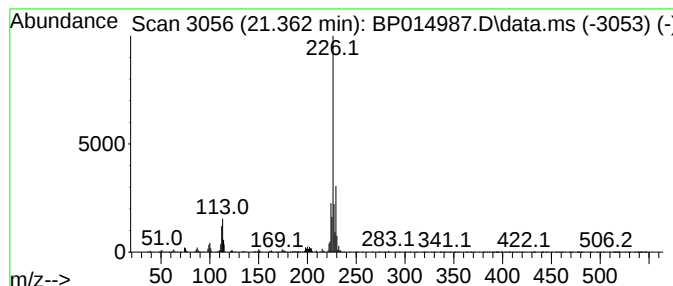
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.362	2.43 ng/ul	1091160	Chrysene-d12	21.651

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			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	53
4			4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	47
5			9H-Thioxanthen-9-one, 2-methyl-	226	C14H10O5	015774-82-0	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014987.D
Acq On : 05 May 2023 17:03
Operator : CG/JU
Sample : 02447-17DL 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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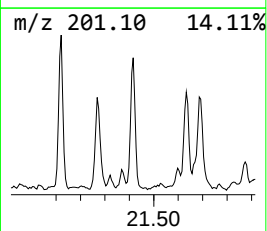
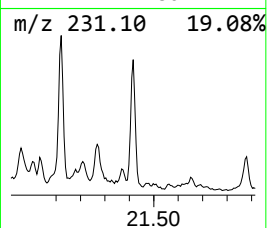
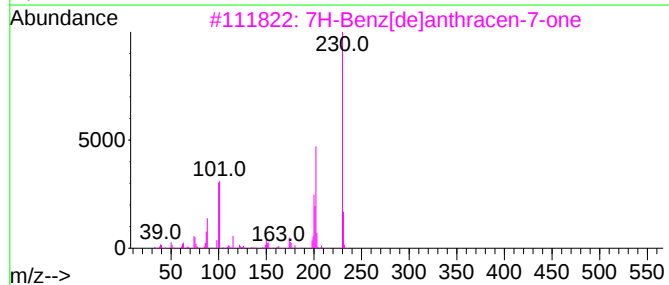
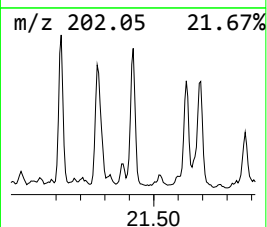
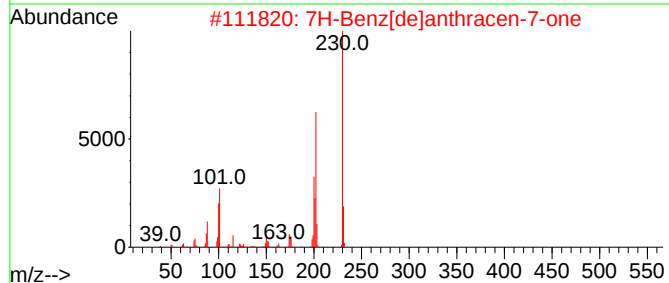
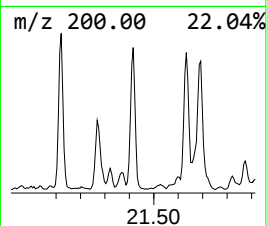
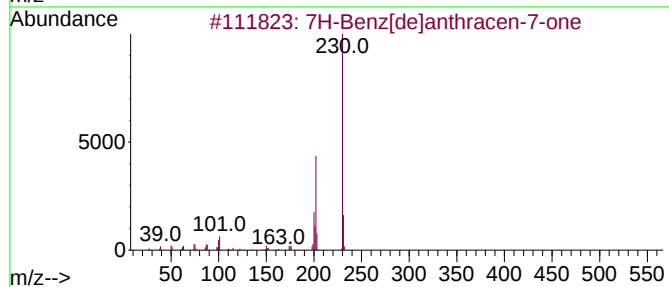
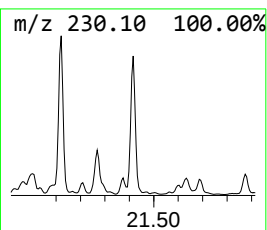
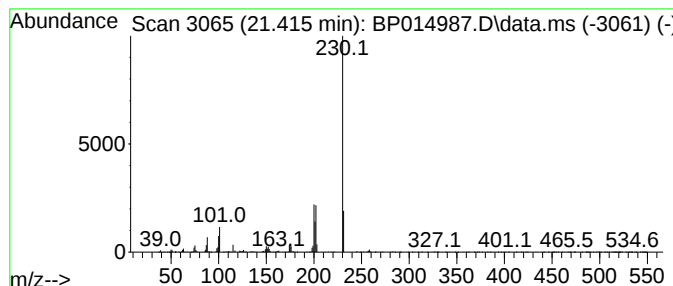
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.415	2.73 ng/ul	1225710	Chrysene-d12	21.651

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014987.D
Acq On : 05 May 2023 17:03
Operator : CG/JU
Sample : 02447-17DL 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW937DL

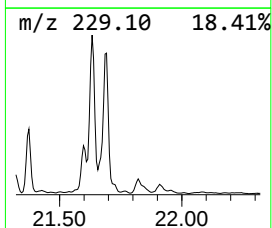
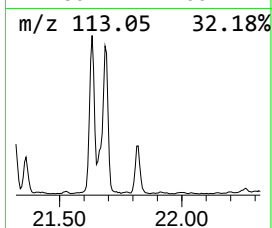
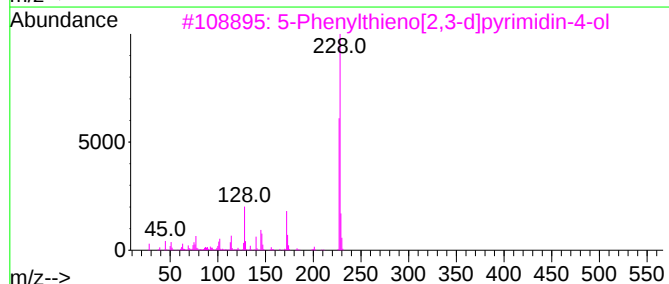
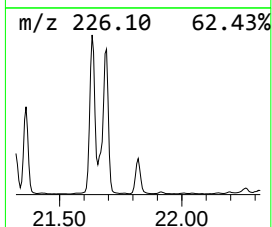
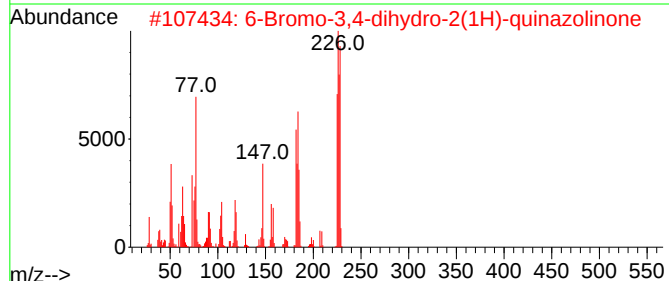
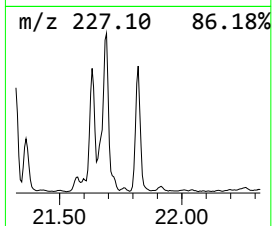
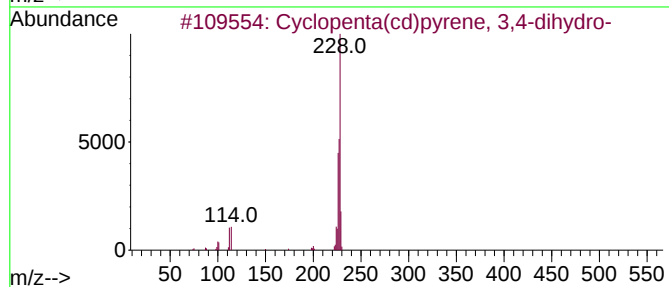
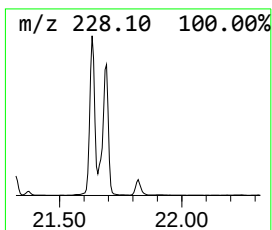
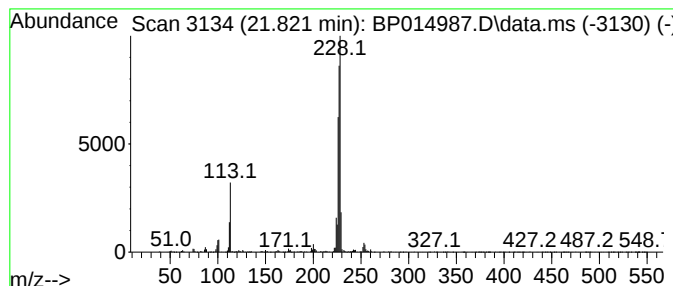
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 6-Bromo-3,4-dihydro-2(1H)-q... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.821	2.01 ng/ul	904825	Chrysene-d12	21.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	70
2			6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	59
3			5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	50
4			Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	47
5			Benzo[c]phenanthrene	228	C18H12	000195-19-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014987.D
Acq On : 05 May 2023 17:03
Operator : CG/JU
Sample : 02447-17DL 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

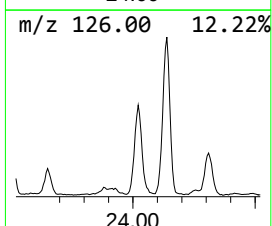
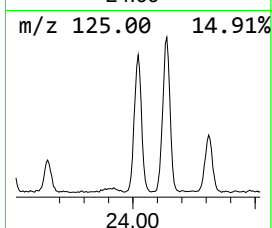
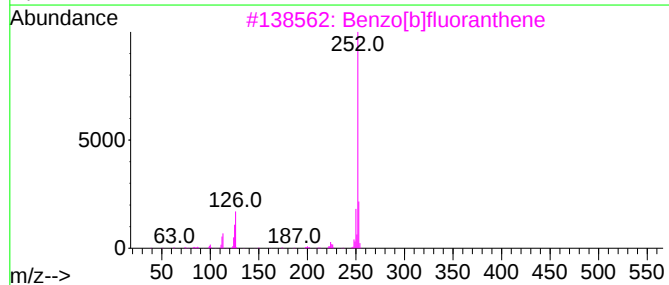
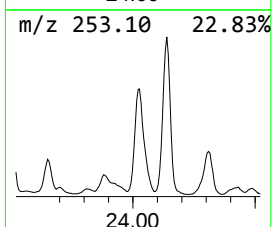
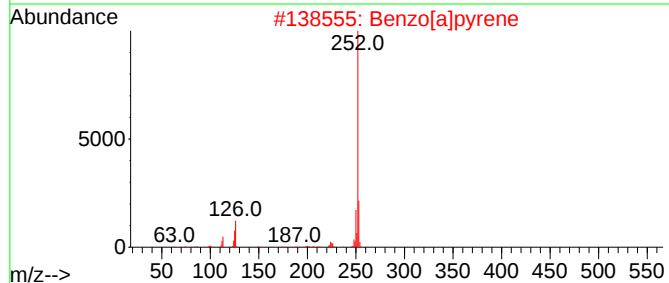
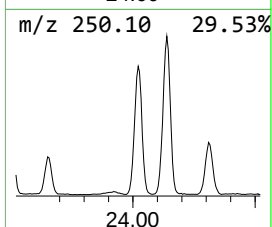
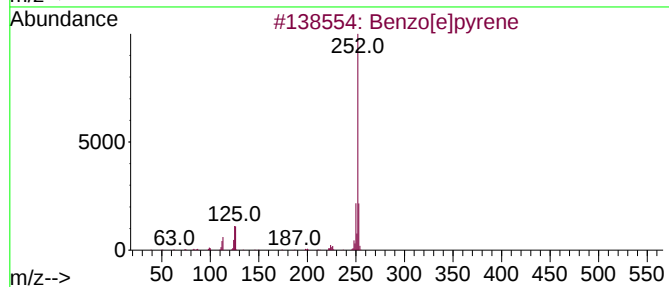
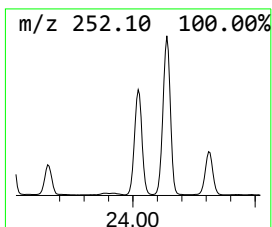
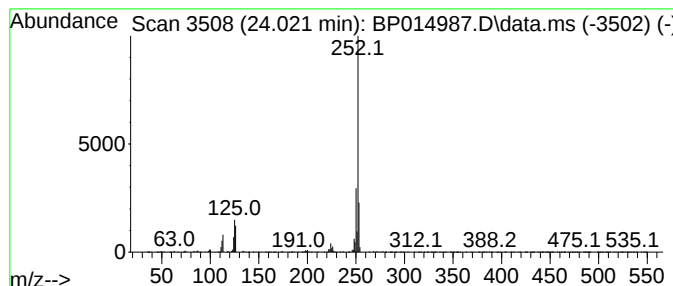
Instrument :
BNA_P
ClientSampleId :
EW937DL

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 18 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.021	24.50 ng/ul	2893180	Perylene-d12	24.256	
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[b]fluoranthene	252	C20H12	000205-99-2	98
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
5	Perylene	252	C20H12	000198-55-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014987.D
 Acq On : 05 May 2023 17:03
 Operator : CG/JU
 Sample : 02447-17DL 20X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW937DL

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
Phenanthrene, 2...	18.421	5.2	ng/ul	1220270	4	17.569	4722040	20.0
Phenanthrene, 1...	18.468	6.5	ng/ul	1541520	4	17.569	4722040	20.0
1H-Cyclopropa[l...	18.545	2.4	ng/ul	570770	4	17.569	4722040	20.0
4H-Cyclopenta[d...	18.616	10.1	ng/ul	2389680	4	17.569	4722040	20.0
Phenanthrene, 4...	18.645	3.0	ng/ul	708235	4	17.569	4722040	20.0
5,16[1',2']:8,1...	18.898	4.0	ng/ul	954595	4	17.569	4722040	20.0
9,10-Anthracene...	18.945	2.7	ng/ul	640278	4	17.569	4722040	20.0
9,10-Dimethylan...	19.304	3.6	ng/ul	856644	4	17.569	4722040	20.0
Cyclopenta(def)...	19.445	4.1	ng/ul	963662	4	17.569	4722040	20.0
11H-Benzo[b]flu...	20.386	3.1	ng/ul	1396600	5	21.651	8986380	20.0
Pyrene, 1-methyl-	20.545	2.8	ng/ul	1242800	5	21.651	8986380	20.0
11H-Benzo[a]flu...	21.121	2.4	ng/ul	1093460	5	21.651	8986380	20.0
Benzo[b]naphtho...	21.286	2.8	ng/ul	1244140	5	21.651	8986380	20.0
Cyclopenta(cd)p...	21.321	2.1	ng/ul	948430	5	21.651	8986380	20.0
Cyclopenta[cd]p...	21.362	2.4	ng/ul	1091160	5	21.651	8986380	20.0
7H-Benz[de]anth...	21.415	2.7	ng/ul	1225710	5	21.651	8986380	20.0
6-Bromo-3,4-dih...	21.821	2.0	ng/ul	904825	5	21.651	8986380	20.0
Benzo[e]pyrene	24.021	24.5	ng/ul	2893180	6	24.256	2361420	20.0