

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014969.D
 Acq On : 05 May 2023 00:28
 Operator : CG/JU
 Sample : 02479-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW974

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: BP014969.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.016	102	107	116	rVB	183213	238666	1.34%	0.134%
2	7.316	659	668	683	rVB	439293	770421	4.34%	0.432%
3	7.487	688	697	703	rBV	403457	644473	3.63%	0.361%
4	7.693	724	732	740	rBV	484378	777416	4.38%	0.436%
5	8.169	804	813	820	rBV	895437	1411373	7.95%	0.791%
6	8.875	927	933	941	rBV	478096	777597	4.38%	0.436%
7	9.345	1006	1013	1019	rVV	424784	713605	4.02%	0.400%
8	10.075	1126	1137	1148	rBV	321135	550326	3.10%	0.308%
9	10.616	1221	1229	1238	rBV	499860	833274	4.69%	0.467%
10	11.004	1289	1295	1300	rVV	1130342	1880217	10.59%	1.053%
11	11.057	1300	1304	1311	rVV	132073	220851	1.24%	0.124%
12	11.139	1311	1318	1335	rVV	296339	599832	3.38%	0.336%
13	12.651	1569	1575	1581	rVB	108215	165871	0.93%	0.093%
14	12.869	1605	1612	1618	rBV	100765	156195	0.88%	0.088%
15	13.622	1735	1740	1742	rBV	51447	73021	0.41%	0.041%
16	13.986	1795	1802	1810	rVB4	38832	109379	0.62%	0.061%
17	14.133	1821	1827	1832	rBV	80469	136786	0.77%	0.077%
18	14.210	1832	1840	1846	rVV	929927	1322755	7.45%	0.741%
19	14.275	1847	1851	1855	rVV3	48262	66441	0.37%	0.037%
20	14.369	1863	1867	1870	rVV	46716	69511	0.39%	0.039%
21	14.504	1884	1890	1904	rBV	1103004	1880586	10.59%	1.054%
22	14.686	1917	1921	1925	rBV	50709	62288	0.35%	0.035%
23	14.810	1932	1942	1948	rBV2	1581050	2366128	13.32%	1.326%
24	14.875	1948	1953	1959	rVV	733338	1066756	6.01%	0.598%
25	14.998	1969	1974	1985	rBV4	85970	175339	0.99%	0.098%
26	15.204	2003	2009	2017	rBV	406181	631234	3.55%	0.354%
27	15.592	2069	2075	2078	rBV3	39188	78154	0.44%	0.044%
28	15.633	2078	2082	2087	rVB2	64564	93402	0.53%	0.052%
29	15.804	2105	2111	2115	rBV	1377018	1979901	11.15%	1.109%
30	15.857	2115	2120	2127	rVB	780731	1068399	6.02%	0.599%
31	16.022	2144	2148	2154	rBV2	65508	113403	0.64%	0.064%
32	16.157	2166	2171	2179	rVB3	329002	551171	3.10%	0.309%
33	16.298	2190	2195	2203	rVB	160625	315899	1.78%	0.177%
34	16.392	2203	2211	2215	rVB2	38201	84699	0.48%	0.047%
35	16.527	2226	2234	2241	rBV2	232960	440633	2.48%	0.247%
36	16.833	2280	2286	2288	rBV3	76589	137828	0.78%	0.077%

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37	16.863	2288	2291	2296	rVV2	106197	165713	0.93%	0.093%
38	16.910	2296	2299	2305	rVB2	54783	82044	0.46%	0.046%
39	17.092	2323	2330	2334	rBV3	83944	173896	0.98%	0.097%
40	17.133	2334	2337	2341	rVB2	56348	74089	0.42%	0.042%
41	17.216	2346	2351	2357	rVV	396367	573587	3.23%	0.321%
42	17.298	2360	2365	2371	rVV4	120219	318903	1.80%	0.179%
43	17.386	2375	2380	2386	rVB	362123	560986	3.16%	0.314%
44	17.569	2405	2411	2414	rBV	1928934	2865018	16.13%	1.605%
45	17.616	2414	2419	2423	rVV	8143914	11954842	67.31%	6.698%
46	17.669	2423	2428	2430	rVV2	1660240	2415047	13.60%	1.353%
47	17.704	2430	2434	2438	rVV	2068322	2854156	16.07%	1.599%
48	17.757	2439	2443	2448	rVB	114272	179816	1.01%	0.101%
49	17.839	2453	2457	2460	rBV2	53673	92361	0.52%	0.052%
50	17.963	2470	2478	2487	rBV2	981912	1674218	9.43%	0.938%
51	18.033	2487	2490	2493	rVV2	95931	124779	0.70%	0.070%
52	18.074	2494	2497	2502	rVV2	157289	235706	1.33%	0.132%
53	18.139	2505	2508	2516	rVB3	125958	205326	1.16%	0.115%
54	18.421	2551	2556	2560	rBV	879661	1186276	6.68%	0.665%
55	18.468	2560	2564	2570	rVB	980739	1313749	7.40%	0.736%
56	18.545	2573	2577	2582	rVB	347352	467512	2.63%	0.262%
57	18.616	2582	2589	2592	rBV3	1477716	2468691	13.90%	1.383%
58	18.645	2592	2594	2599	rVB	478270	525757	2.96%	0.295%
59	18.704	2601	2604	2609	rBV3	138360	174842	0.98%	0.098%
60	18.751	2609	2612	2616	rBV2	106561	134543	0.76%	0.075%
61	18.898	2633	2637	2641	rBV	650450	814104	4.58%	0.456%
62	18.939	2641	2644	2650	rVB	699287	927928	5.22%	0.520%
63	19.139	2674	2678	2682	rVB3	151439	190308	1.07%	0.107%
64	19.186	2683	2686	2689	rVV	104329	126895	0.71%	0.071%
65	19.221	2689	2692	2696	rVB2	161369	197608	1.11%	0.111%
66	19.304	2702	2706	2711	rBV3	372060	586153	3.30%	0.328%
67	19.445	2726	2730	2736	rVB2	406598	631854	3.56%	0.354%
68	19.563	2744	2750	2756	rVB	11994563	17760798	100.00%	9.950%
69	19.651	2762	2765	2769	rVB	311758	383268	2.16%	0.215%
70	19.798	2787	2790	2797	rVB	341013	490838	2.76%	0.275%
71	19.886	2799	2805	2807	rVV3	3845614	6313124	35.55%	3.537%
72	19.915	2807	2810	2816	rVV	10780059	14369901	80.91%	8.051%
73	19.974	2817	2820	2826	rVB2	461627	632928	3.56%	0.355%
74	20.080	2835	2838	2843	rVB	560815	677470	3.81%	0.380%
75	20.145	2846	2849	2854	rVB	554836	734075	4.13%	0.411%
76	20.215	2857	2861	2868	rBV3	532668	1274269	7.17%	0.714%

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77	20.274	2868	2871	2875	rBV	263009	345275	1.94%	0.193%
78	20.386	2886	2890	2895	rVB	1365885	2031656	11.44%	1.138%
79	20.486	2903	2907	2910	rBV	984429	1221073	6.88%	0.684%
80	20.545	2911	2917	2920	rVV2	703238	1212858	6.83%	0.679%
81	20.580	2920	2923	2927	rVB	332845	406641	2.29%	0.228%
82	20.680	2937	2940	2943	rBV	490225	577997	3.25%	0.324%
83	20.727	2945	2948	2952	rVB	364899	479098	2.70%	0.268%
84	21.121	3011	3015	3021	rBV	894724	1151887	6.49%	0.645%
85	21.280	3039	3042	3045	rBV2	765479	997901	5.62%	0.559%
86	21.315	3045	3048	3052	rVB2	1564039	1957440	11.02%	1.097%
87	21.362	3052	3056	3060	rBV2	1161495	1604829	9.04%	0.899%
88	21.410	3061	3064	3071	rVB2	1026823	1499373	8.44%	0.840%
89	21.633	3097	3102	3108	rBV3	6850542	12753750	71.81%	7.145%
90	21.692	3108	3112	3121	rVB	5553632	8257119	46.49%	4.626%
91	21.821	3130	3134	3139	rBV	1297411	1823710	10.27%	1.022%
92	21.992	3159	3163	3168	rVB2	872184	1266701	7.13%	0.710%
93	23.456	3406	3412	3418	rBV	4092266	10791260	60.76%	6.046%
94	23.651	3442	3445	3453	rVB	914675	1580831	8.90%	0.886%
95	24.027	3503	3509	3514	rBV	2682771	5334487	30.04%	2.989%
96	24.086	3515	3519	3523	rVV	1093868	2197723	12.37%	1.231%
97	24.145	3523	3529	3536	rVB	4180156	8687770	48.92%	4.867%
98	24.256	3543	3548	3553	rBV2	1183112	2459287	13.85%	1.378%
99	24.315	3554	3558	3567	rVB	1448574	3016731	16.99%	1.690%
100	27.027	4012	4019	4031	rVB2	2273107	7342890	41.34%	4.114%

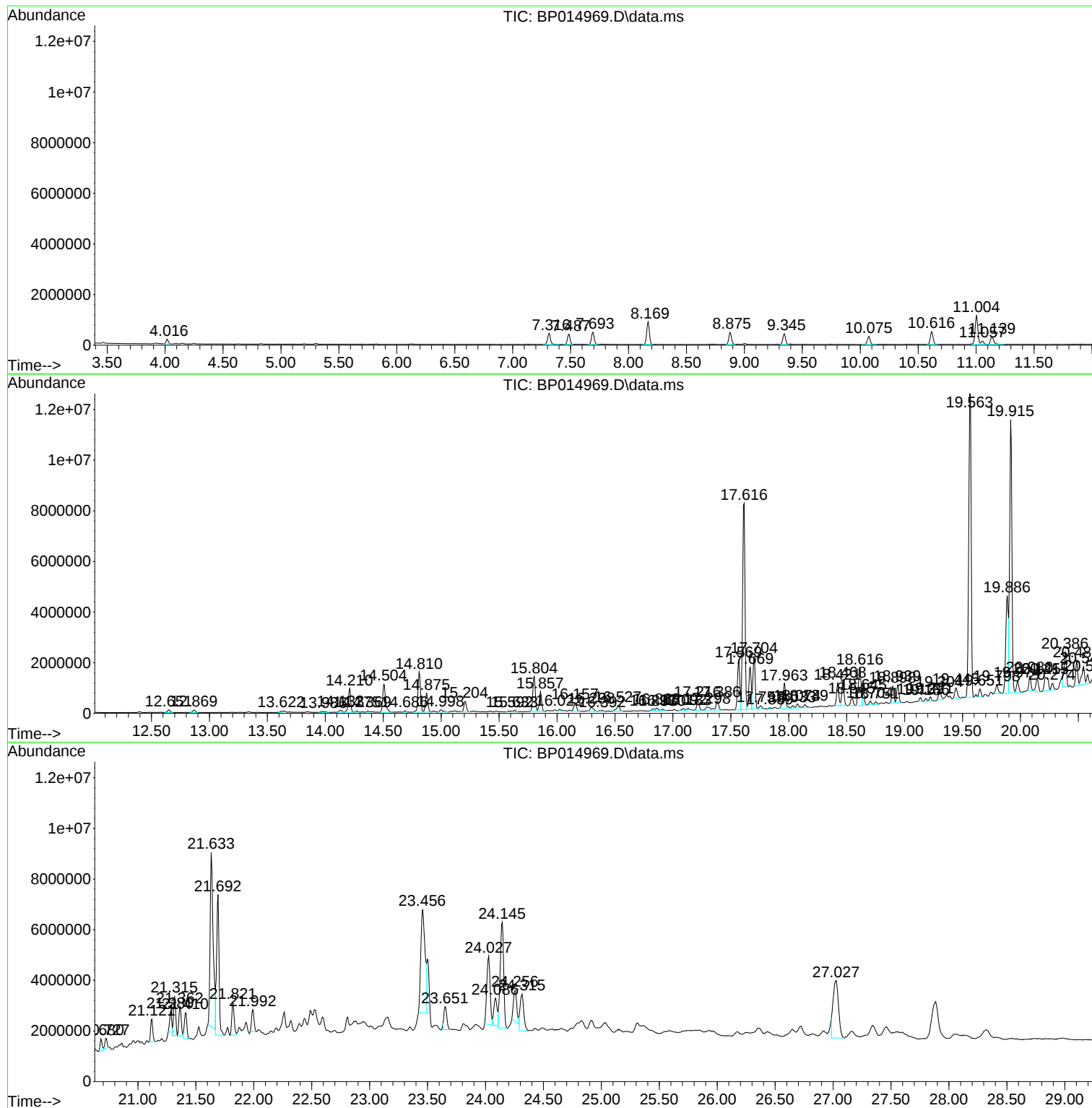
Sum of corrected areas: 178495495

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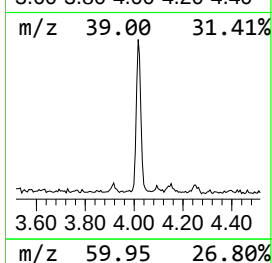
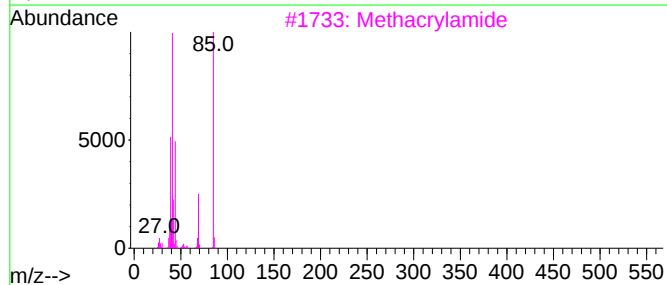
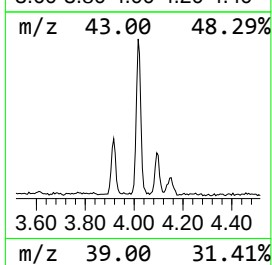
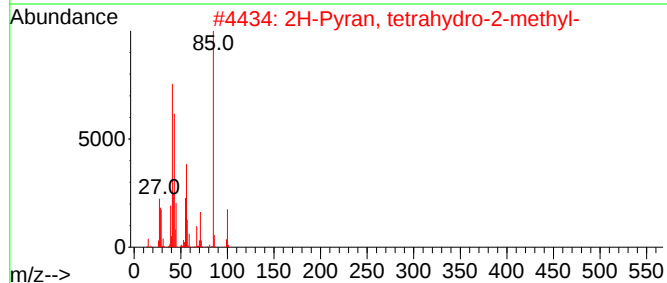
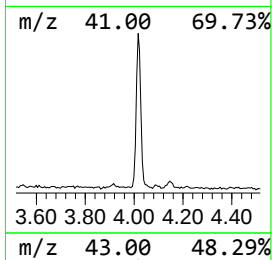
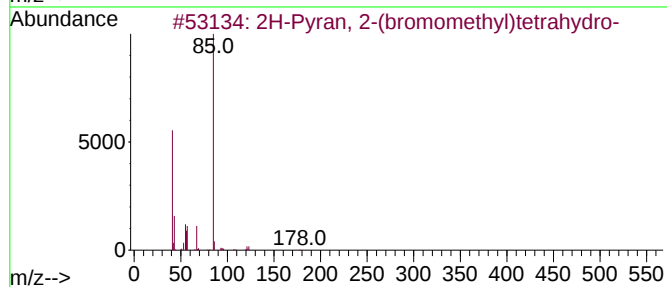
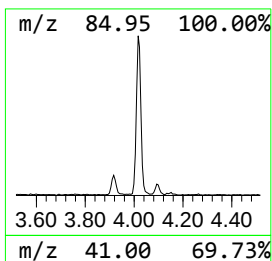
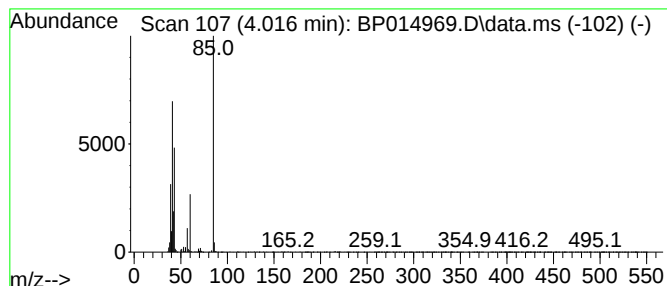
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.016	3.38 ng/ul	238666	1,4-Dichlorobenzene-d4	8.169

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	42		
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38		
3	Methacrylamide	85	C4H7NO	000079-39-0	33		
4	n-Butyl nitrite	103	C4H9NO2	000544-16-1	10		
5	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	9		



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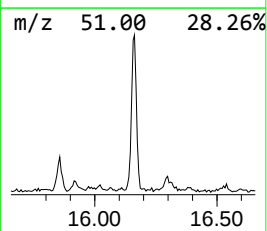
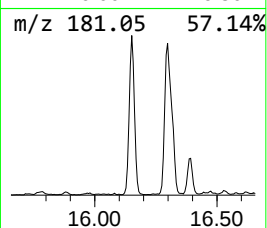
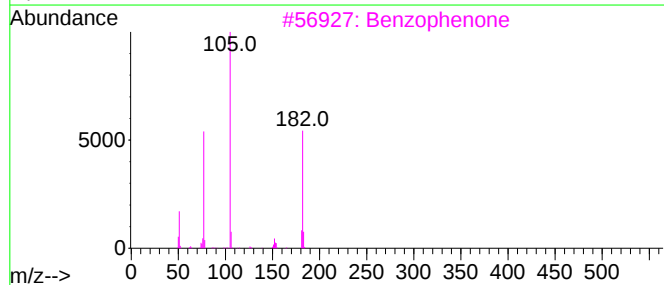
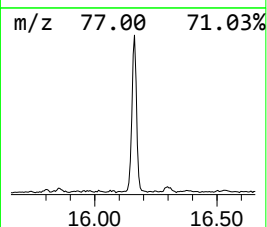
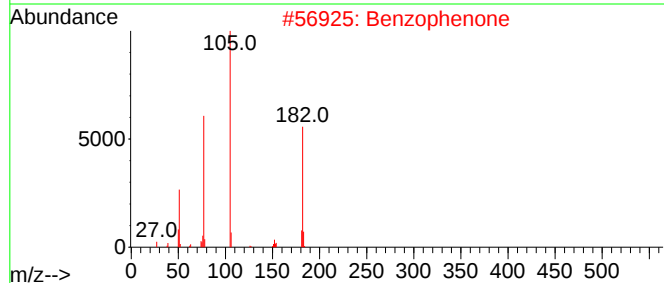
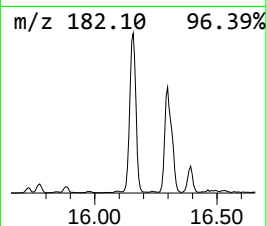
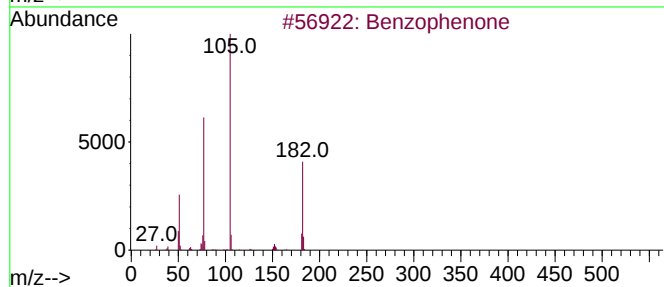
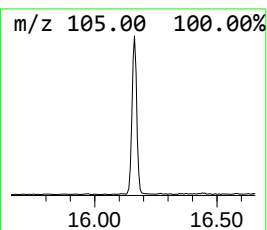
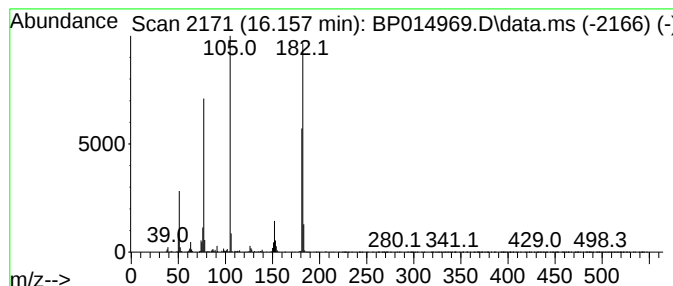
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.157	4.66 ng/ul	551171	Acenaphthene-d10	14.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	87
2			Benzophenone	182	C13H10O	000119-61-9	81
3			Benzophenone	182	C13H10O	000119-61-9	81
4			Benzophenone	182	C13H10O	000119-61-9	58
5			2-Hydroxyfluorene	182	C13H10O	002443-58-5	58



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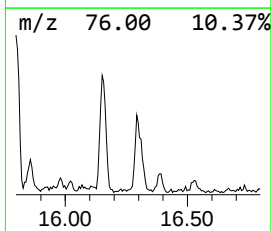
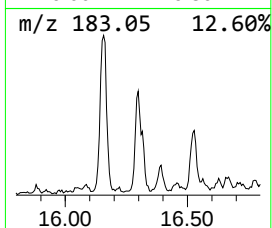
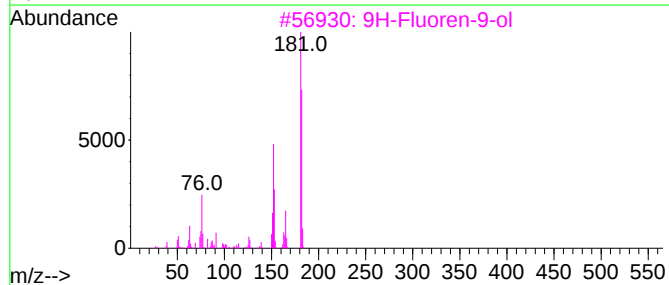
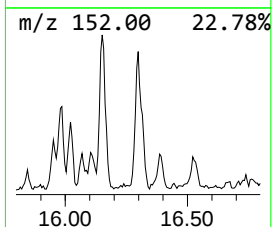
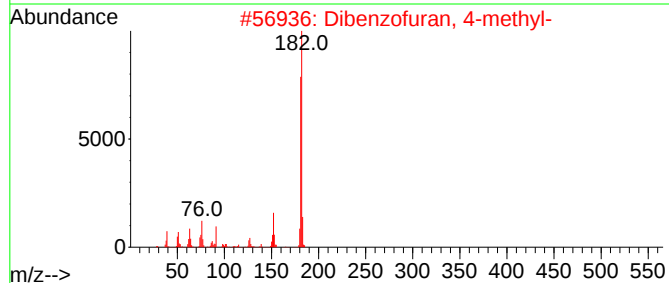
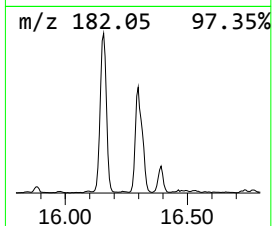
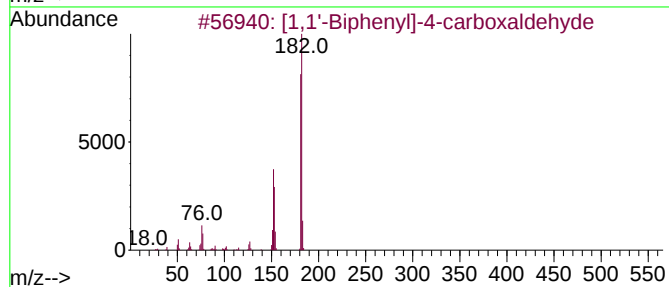
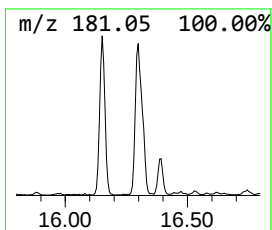
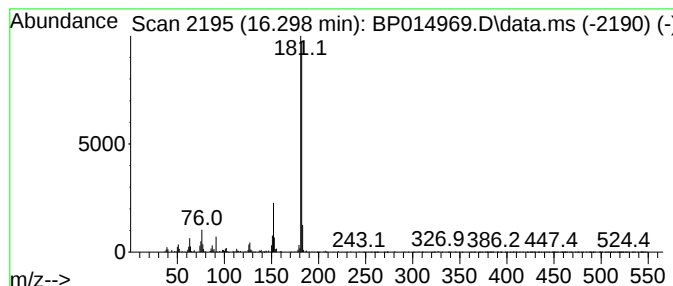
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.298	2.21 ng/ul	315899	Phenanthrene-d10	17.569

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
Operator : CG/JU
Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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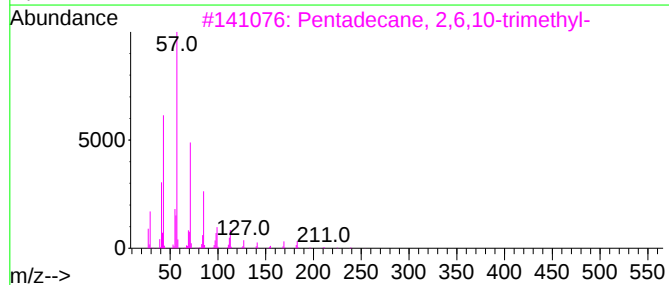
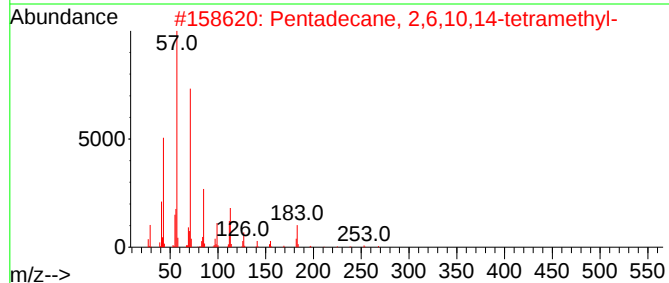
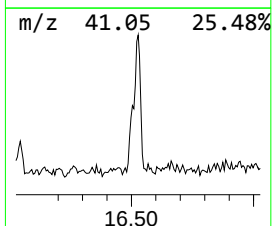
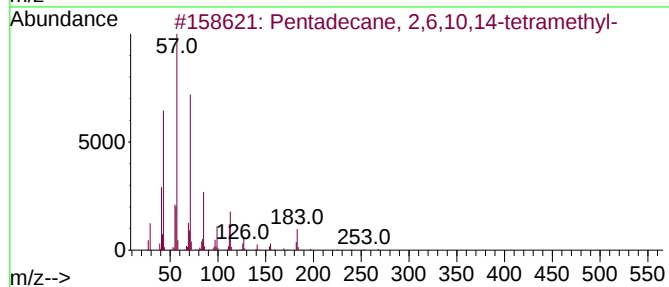
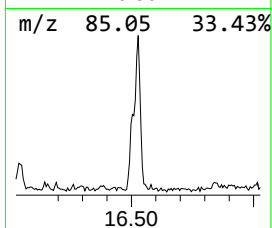
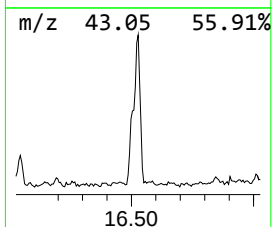
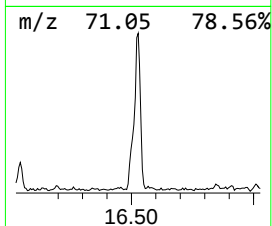
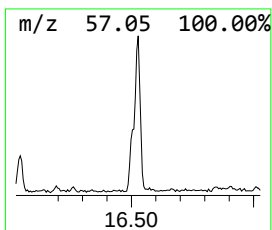
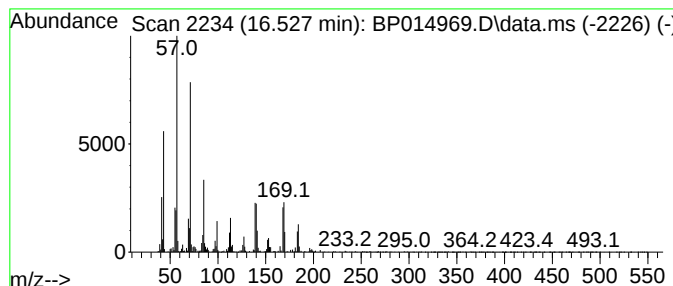
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.527	3.08 ng/ul	440633	Phenanthrene-d10	17.569

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	89
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	50
4		Dodecane	170	C12H26	000112-40-3	50
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
Operator : CG/JU
Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

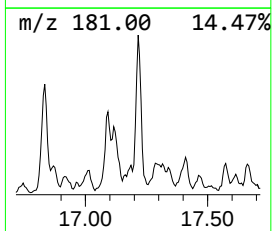
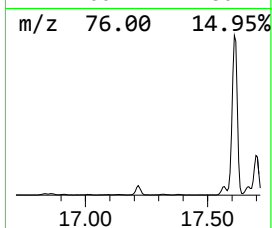
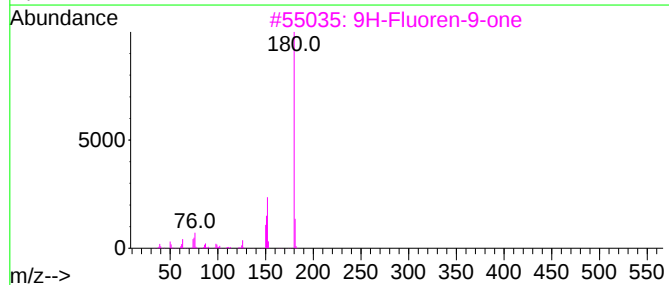
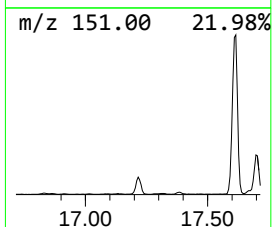
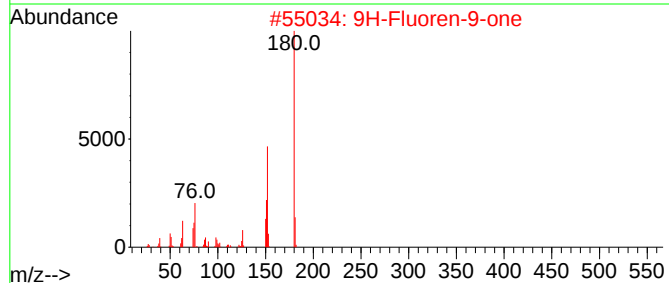
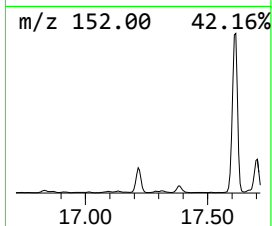
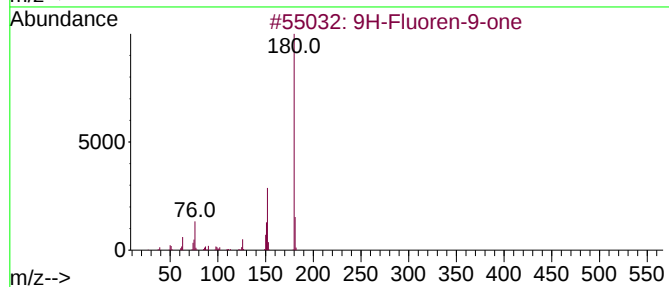
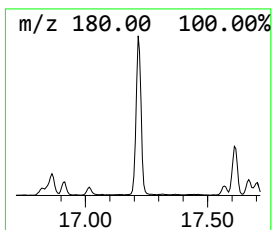
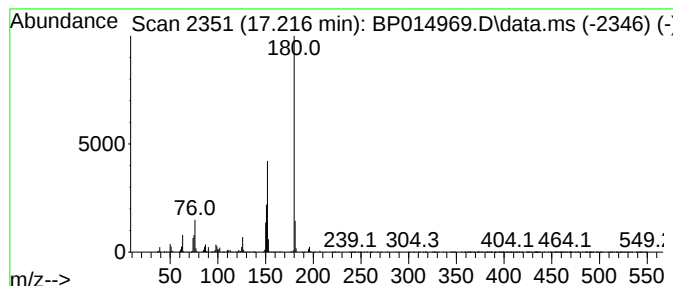
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.216	4.00 ng/ul	573587	Phenanthrene-d10	17.569	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
Operator : CG/JU
Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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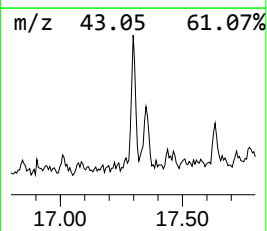
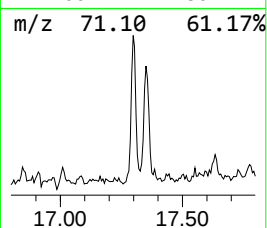
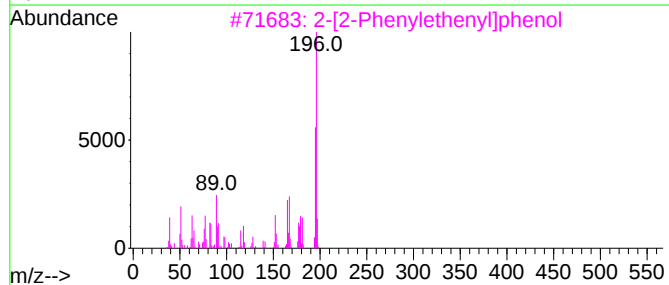
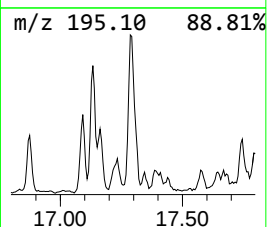
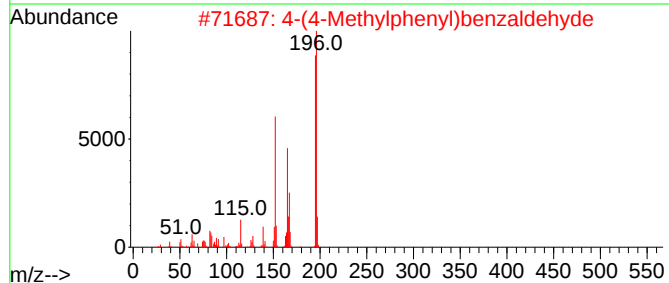
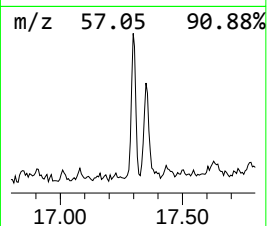
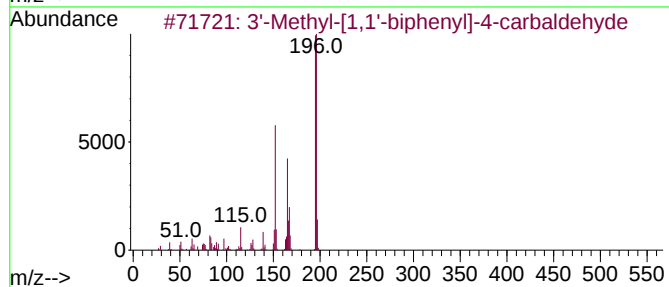
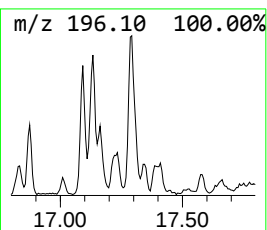
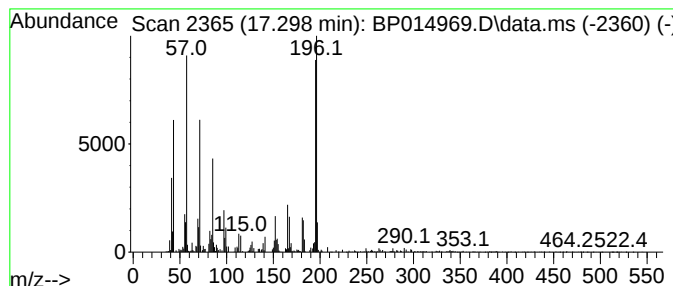
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.298	2.23 ng/ul	318903	Phenanthrene-d10	17.569

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	60
2		4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	55
3		2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	43
4		4-{Pyrazolo[1,5-a]pyrimidin-7-yl...}	196	C11H8N4	1000443-78-9	38
5		Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
Operator : CG/JU
Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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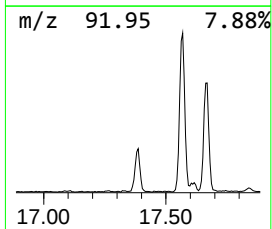
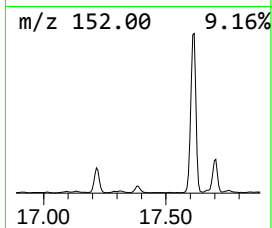
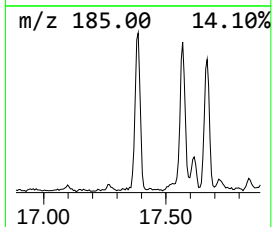
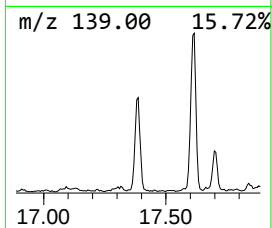
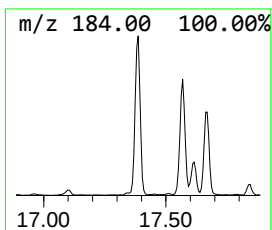
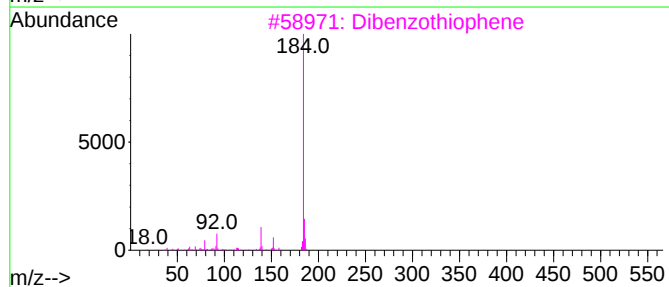
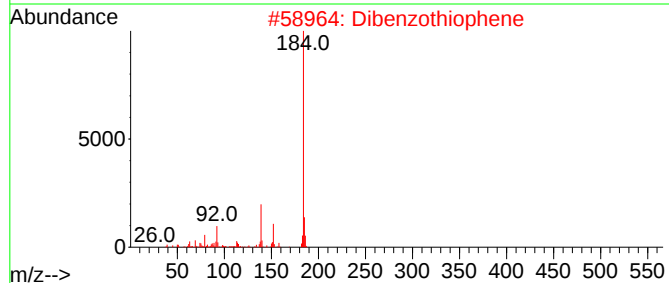
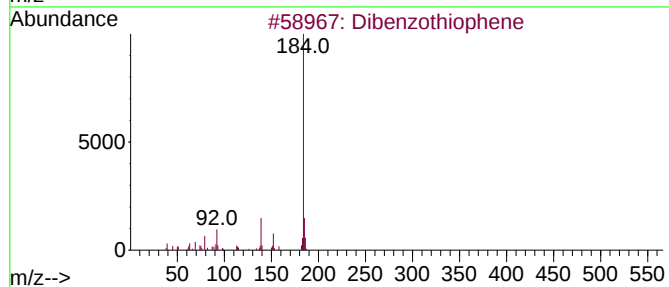
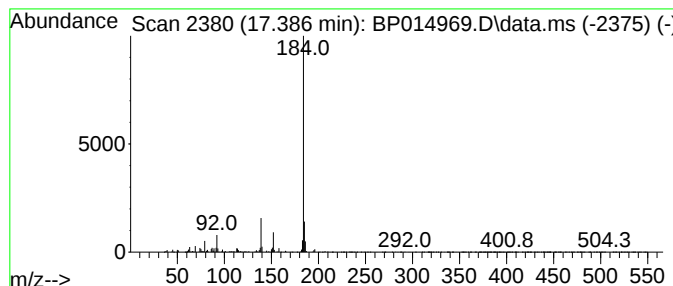
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.386	3.92 ng/ul	560986	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	96
2			Dibenzothiophene	184	C12H8S	000132-65-0	96
3			Dibenzothiophene	184	C12H8S	000132-65-0	95
4			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5			Dibenzothiophene	184	C12H8S	000132-65-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
Operator : CG/JU
Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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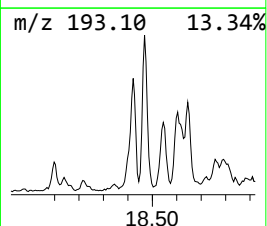
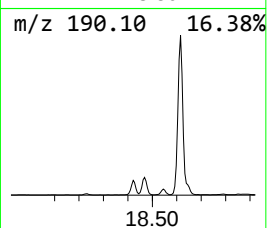
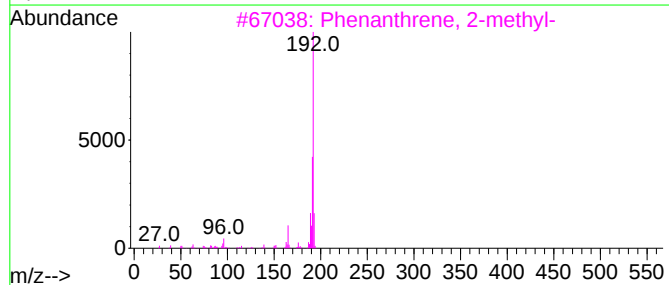
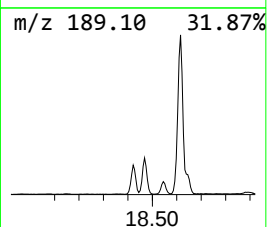
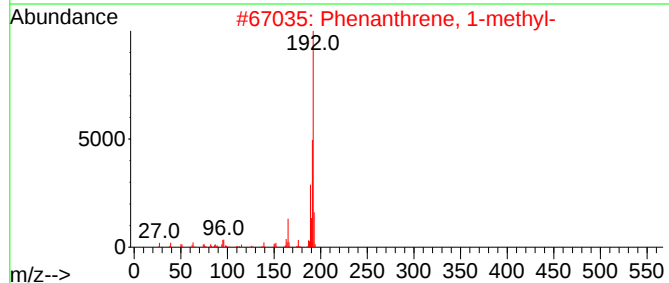
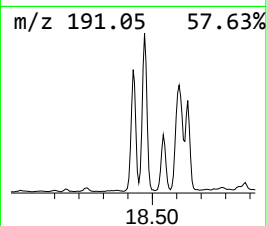
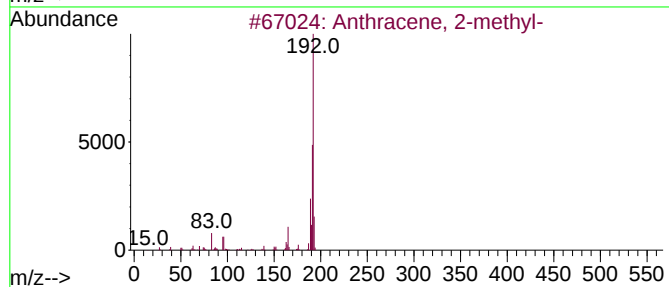
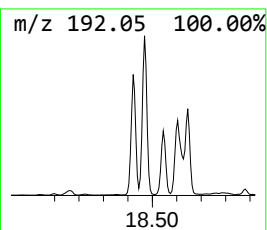
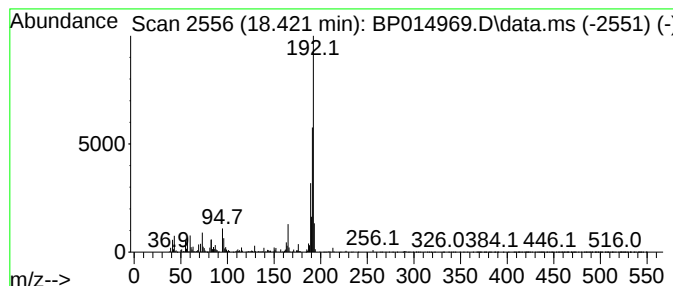
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.421	8.28 ng/ul	1186280	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
Operator : CG/JU
Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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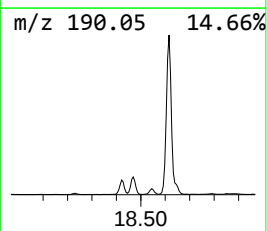
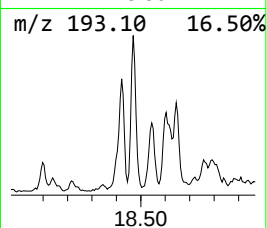
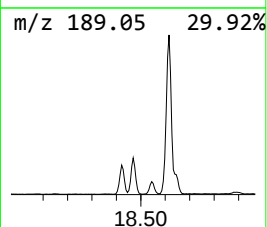
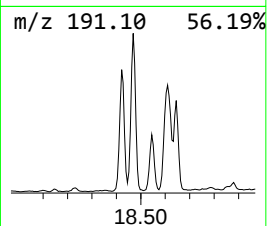
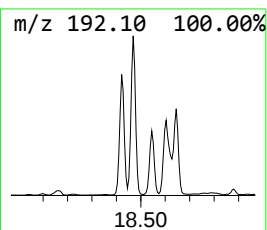
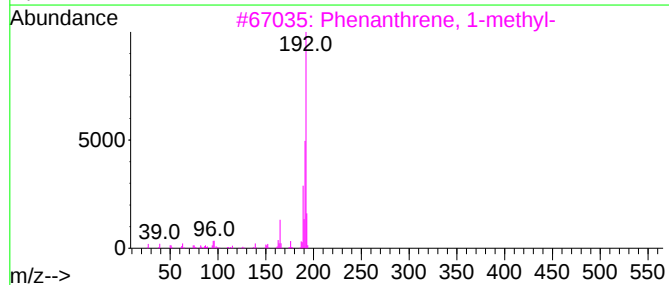
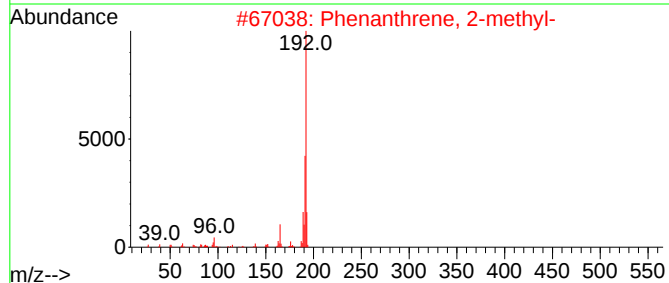
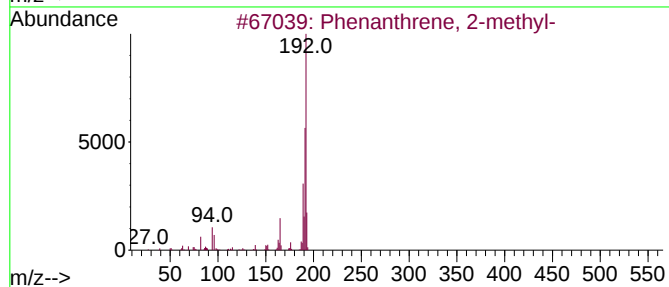
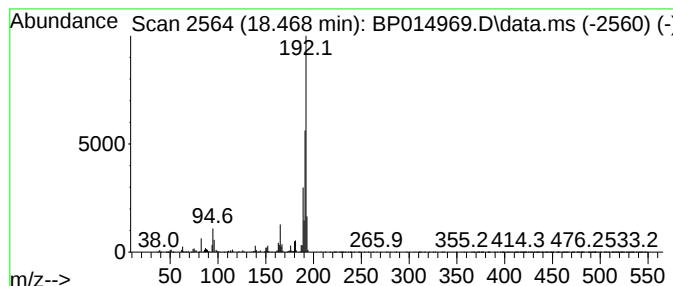
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.468	9.17 ng/ul	1313750	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	97
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
Operator : CG/JU
Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
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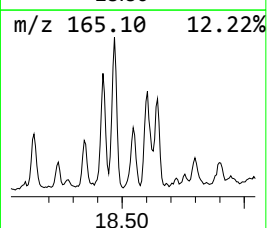
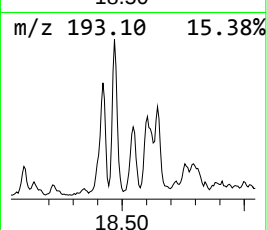
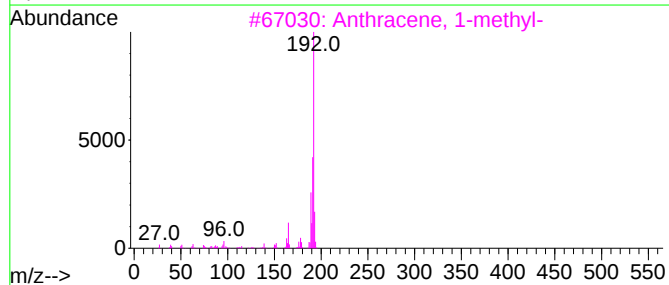
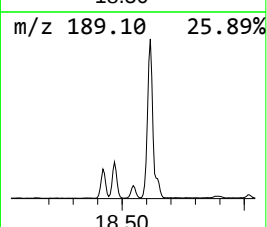
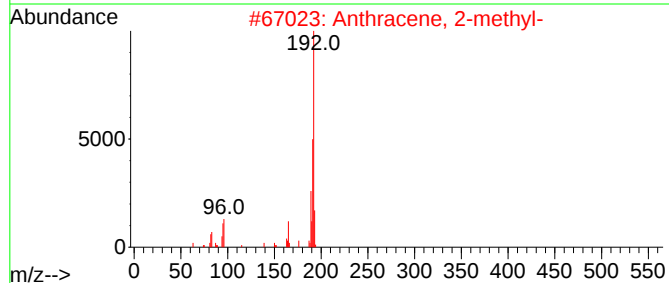
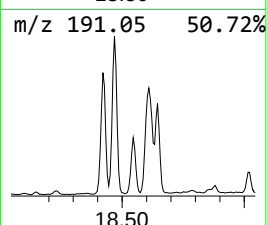
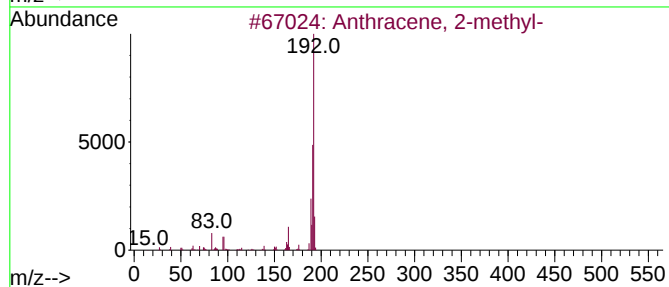
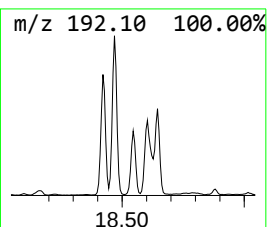
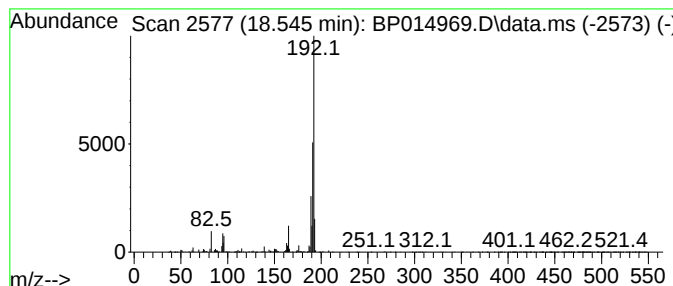
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	3.26 ng/ul	467512	Phenanthrene-d10	17.569

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
Operator : CG/JU
Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW974

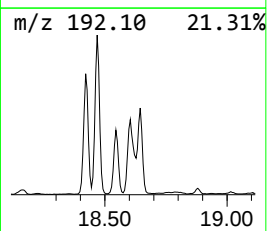
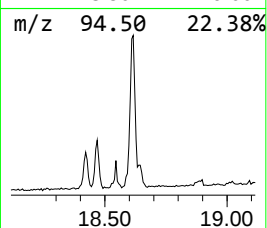
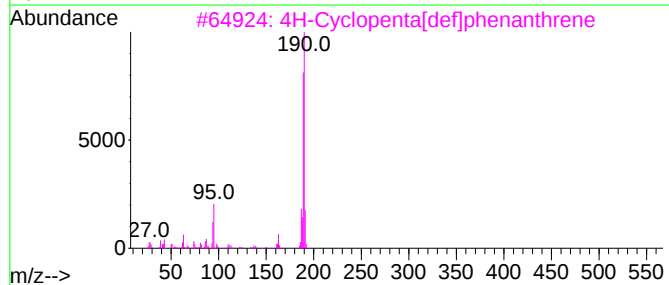
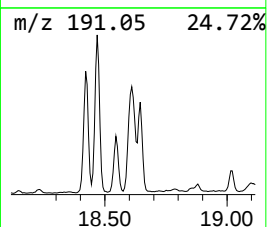
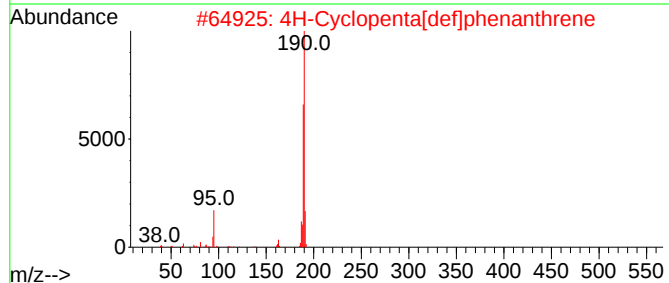
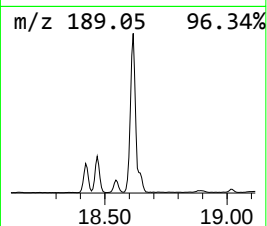
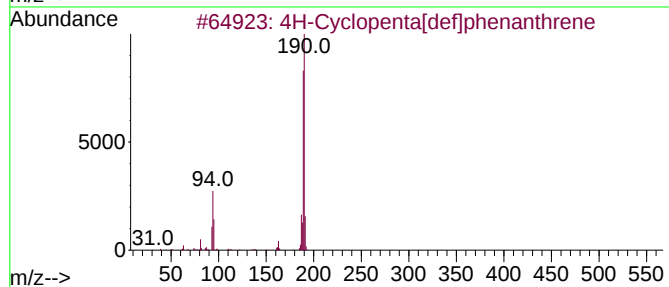
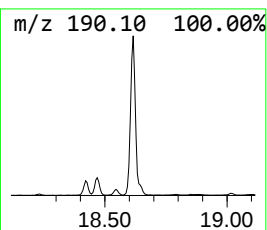
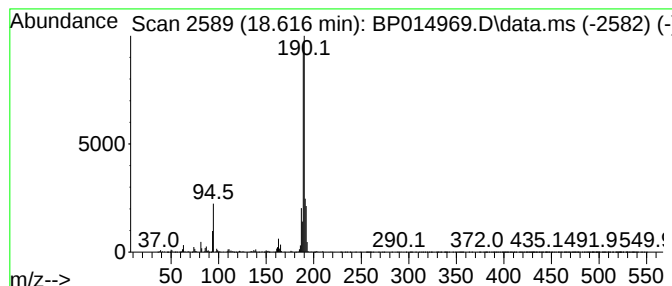
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	17.23 ng/ul	2468690	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
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Sample : 02479-15
Misc :
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Instrument :
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ClientSampleId :
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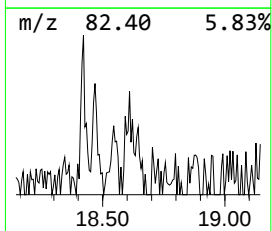
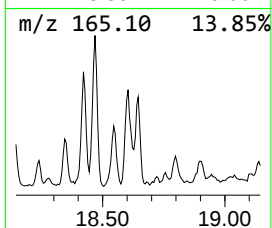
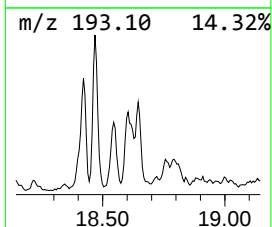
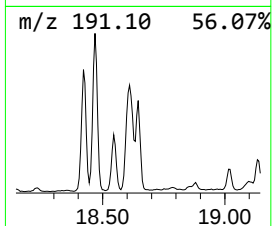
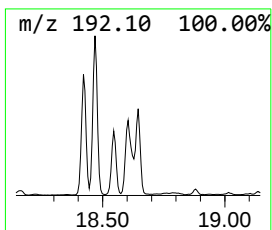
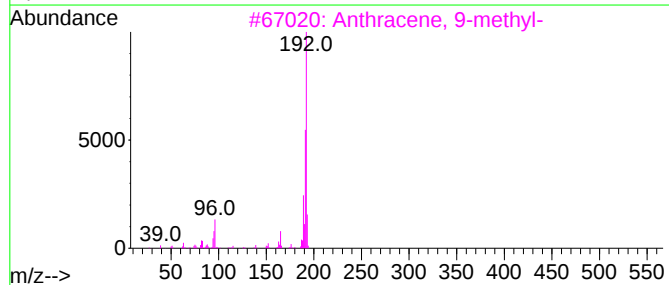
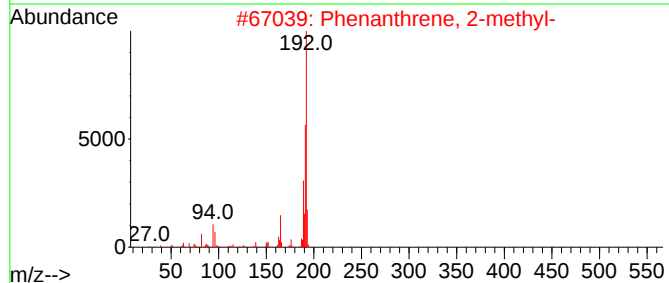
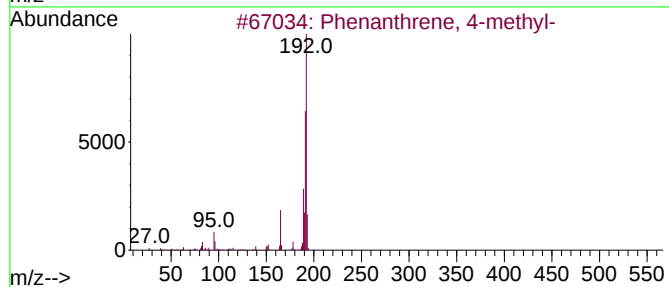
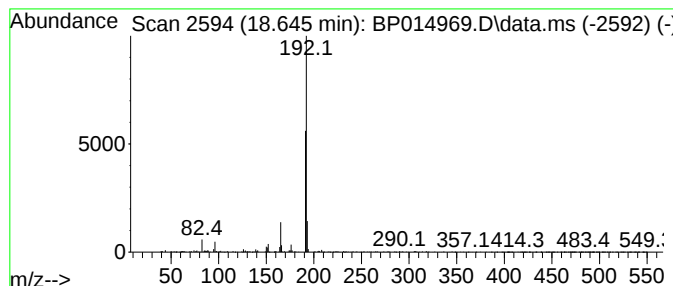
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	3.67 ng/ul	525757	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
Operator : CG/JU
Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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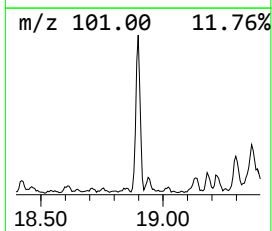
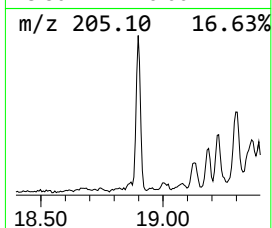
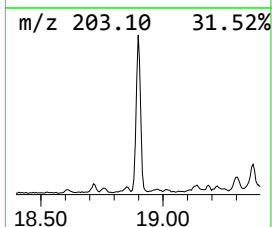
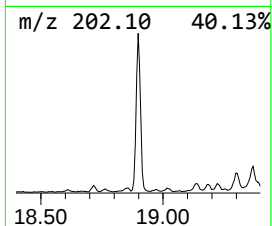
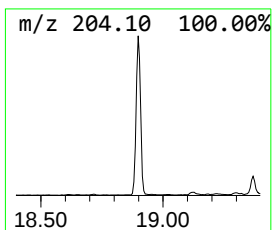
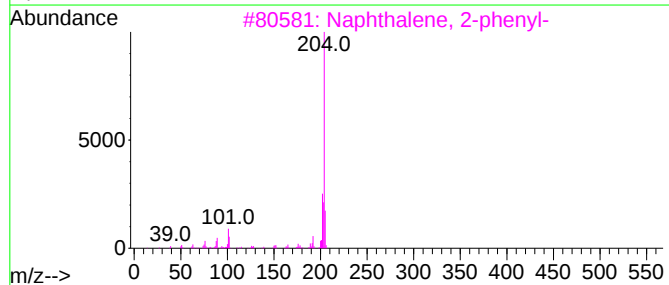
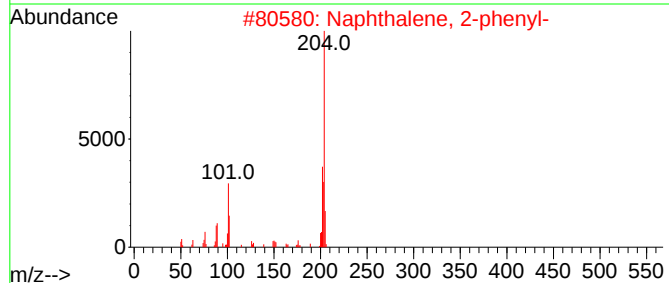
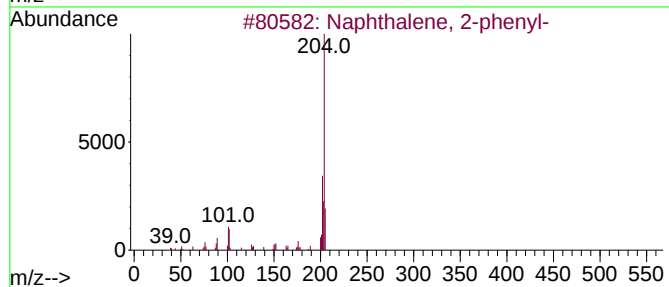
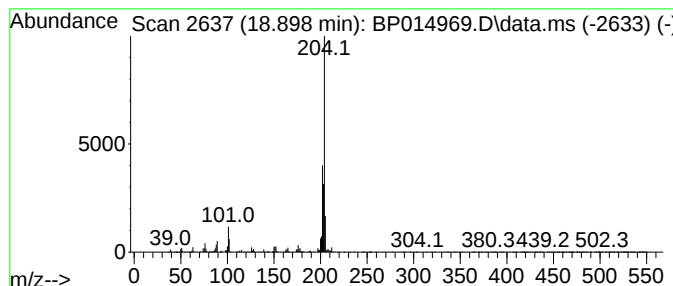
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.898	5.68 ng/ul	814104	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
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			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
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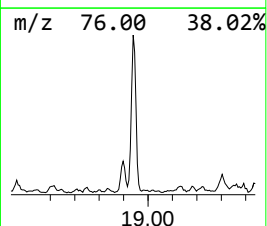
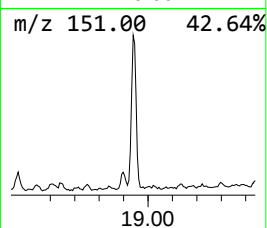
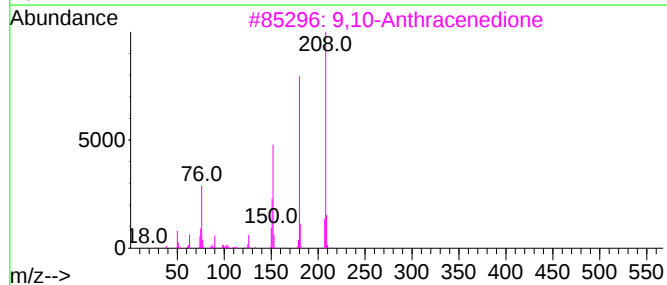
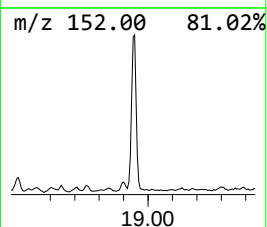
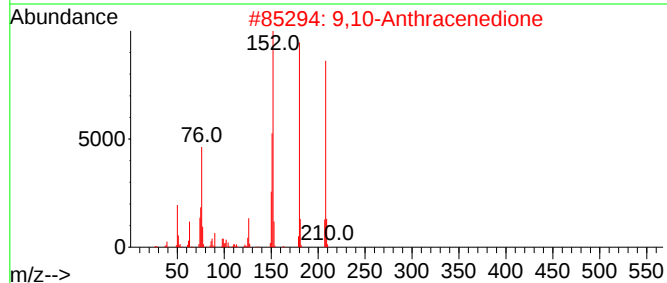
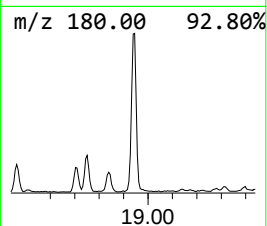
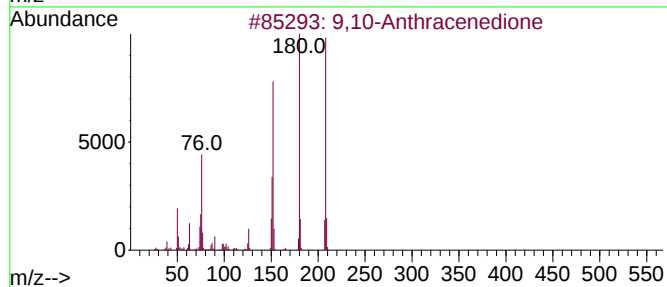
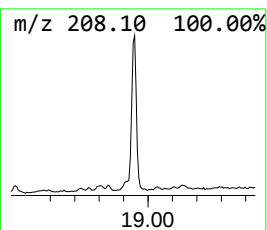
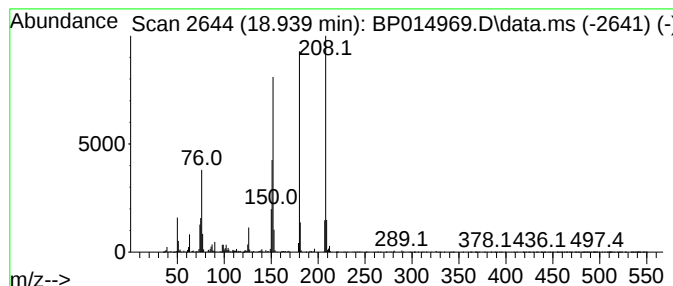
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.939	6.48 ng/ul	927928	Phenanthrene-d10		17.569

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97	
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96	
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93	
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86	
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
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Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

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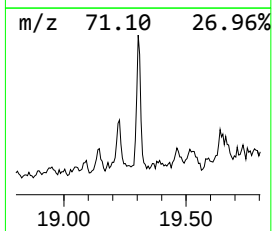
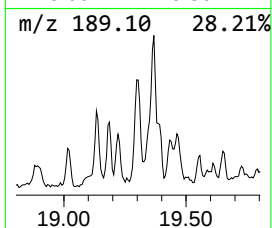
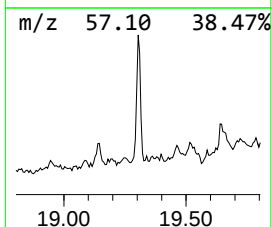
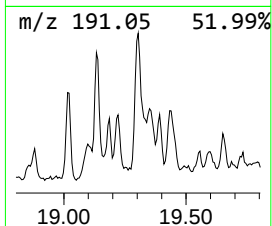
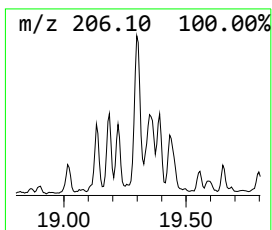
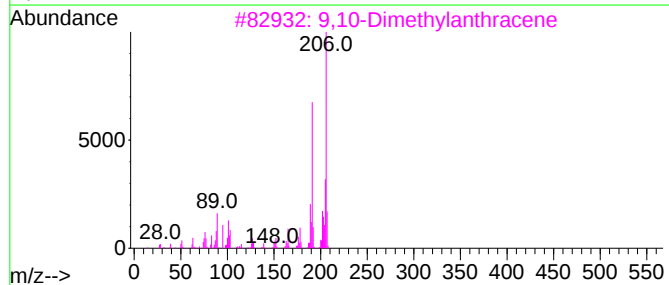
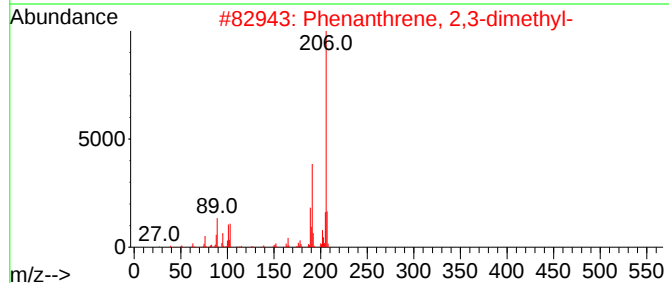
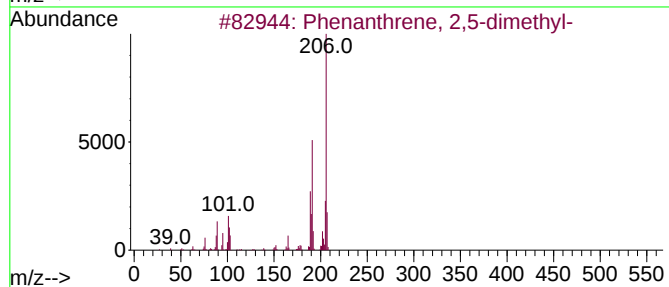
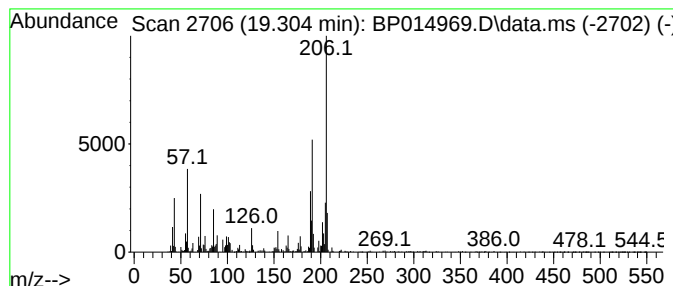
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.304	4.09 ng/ul	586153	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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Acq On : 05 May 2023 00:28
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Sample : 02479-15
Misc :
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ClientSampleId :
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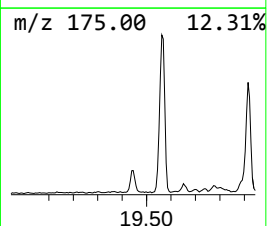
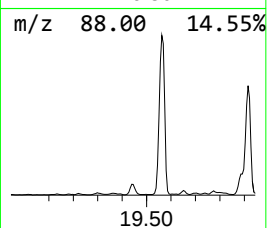
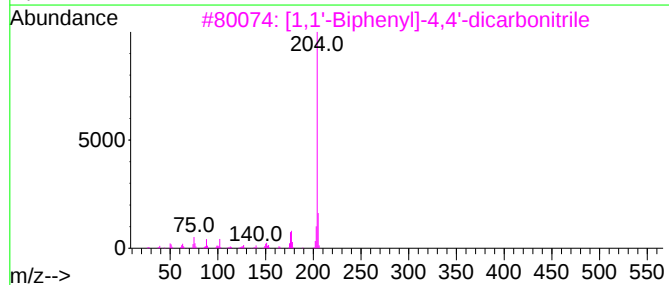
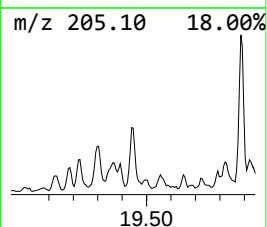
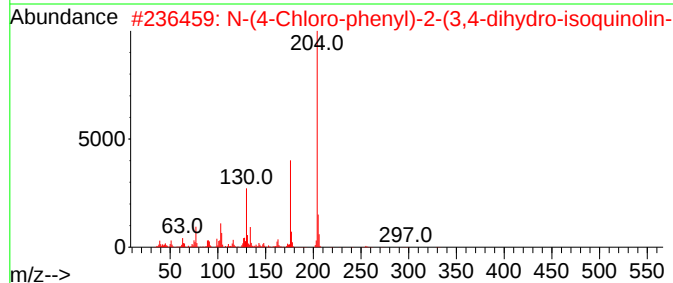
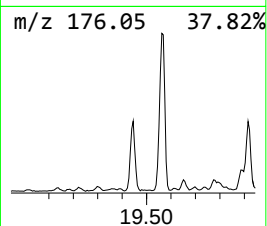
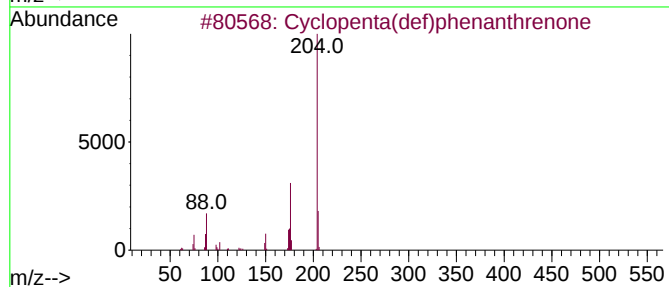
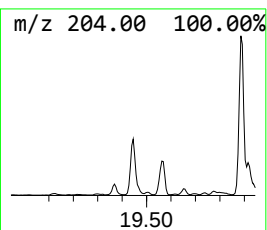
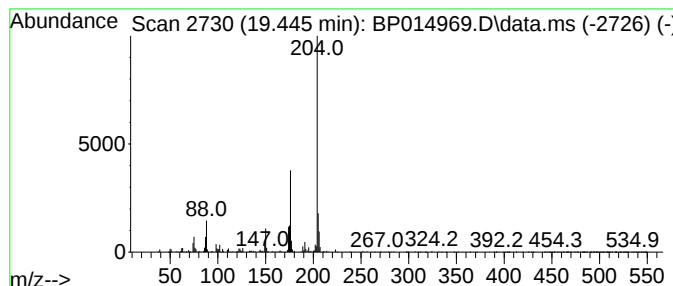
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	4.41 ng/ul	631854	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2			N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	53
3			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
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Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
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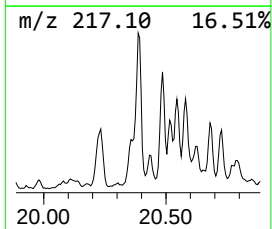
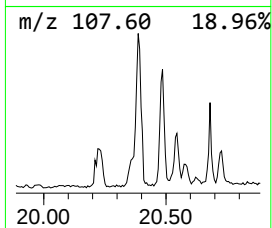
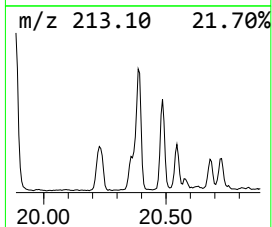
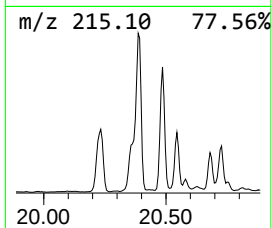
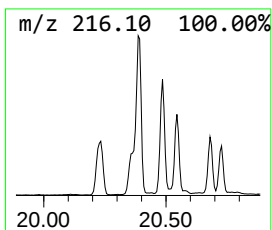
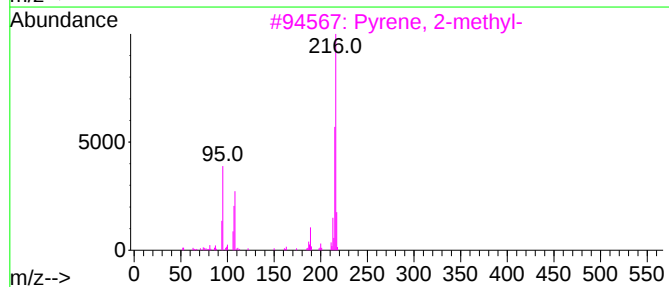
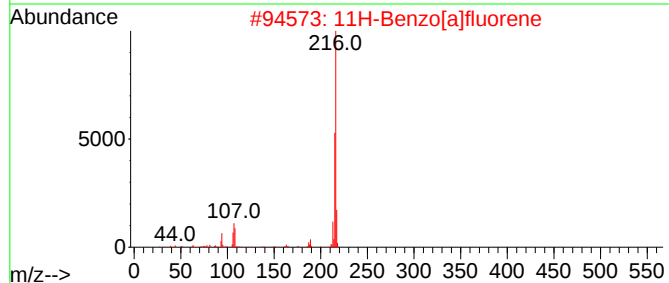
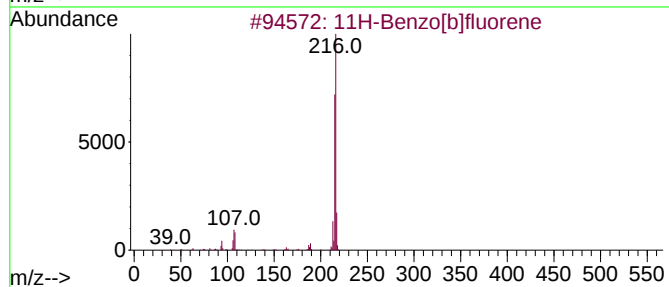
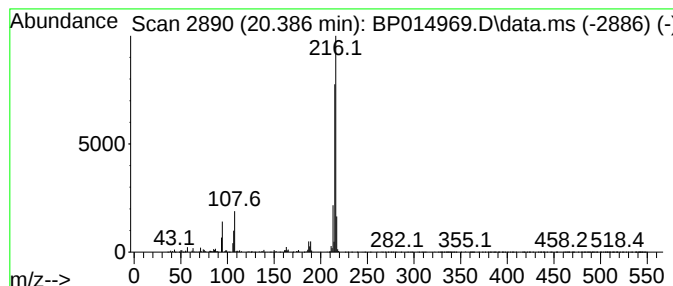
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.386	3.19 ng/ul	2031660	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[a]fluorene	216	C17H12	000238-84-6	90
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
Operator : CG/JU
Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW974

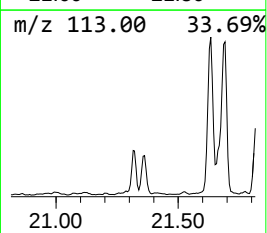
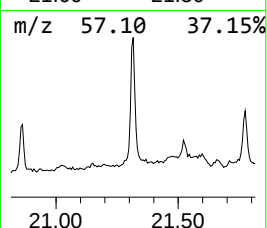
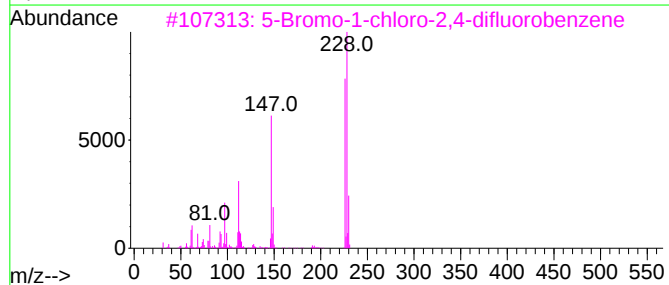
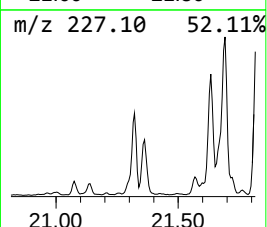
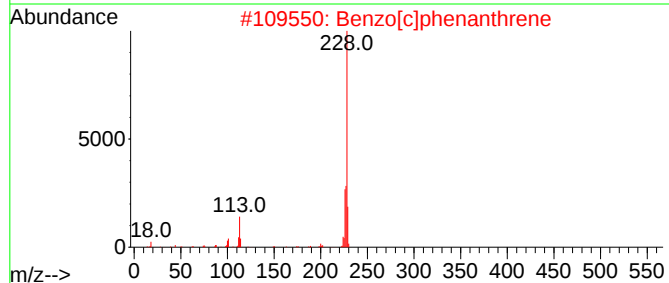
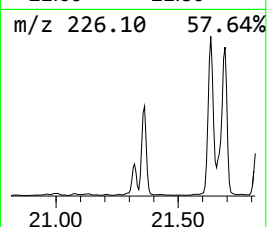
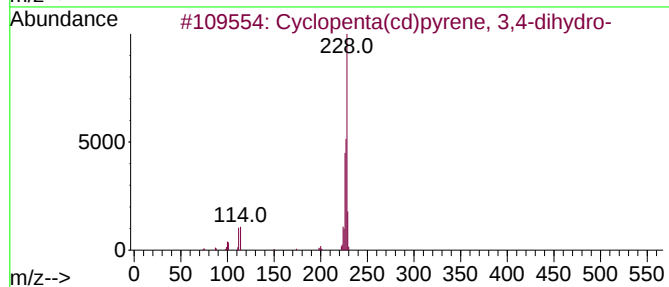
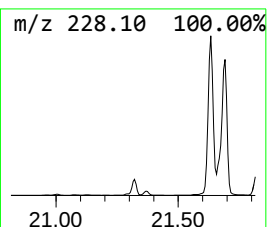
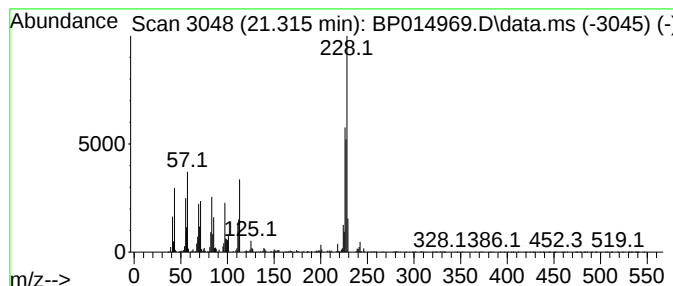
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.315	3.07 ng/ul	1957440	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	53
2			Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
3			5-Bromo-1-chloro-2,4-difluoroben...	226	C6H2BrClF2	914636-89-8	47
4			Triphenylene	228	C18H12	000217-59-4	43
5			Triphenylene	228	C18H12	000217-59-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
Operator : CG/JU
Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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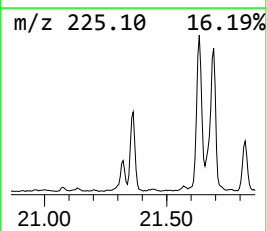
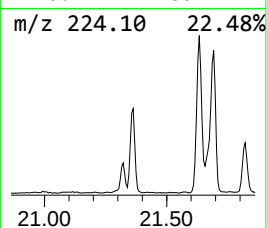
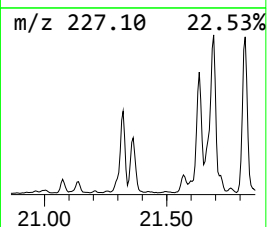
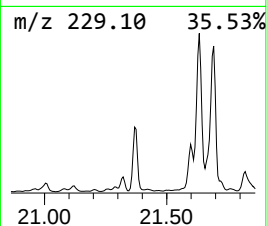
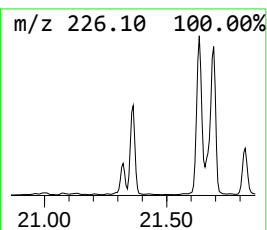
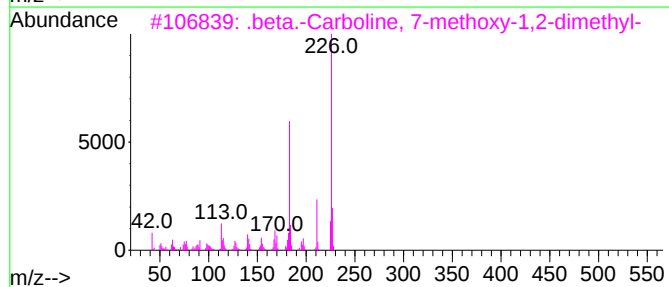
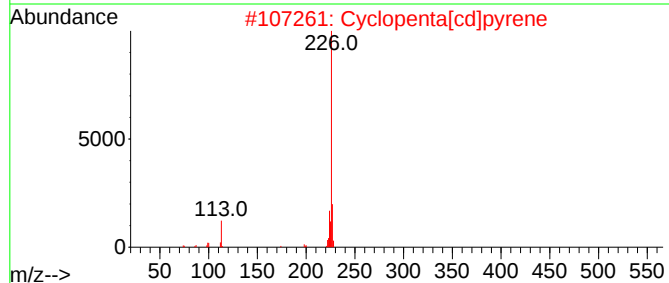
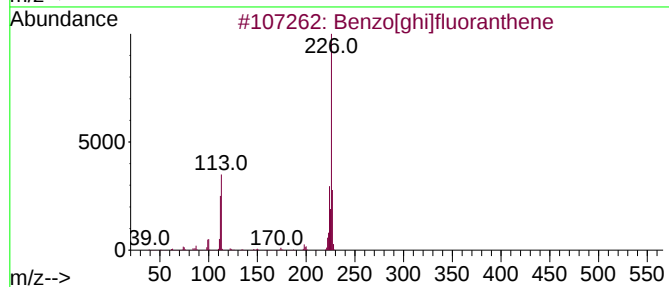
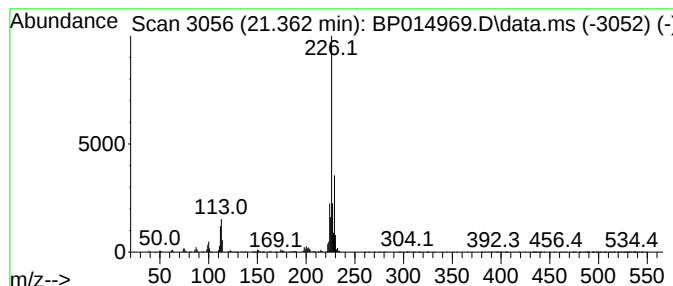
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Benzo[ghi]fluoranthene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.363	2.52 ng/ul	1604830	Chrysene-d12	21.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	70
2			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
3			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
4			3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	50
5			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
Operator : CG/JU
Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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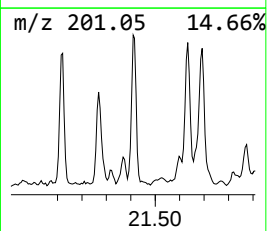
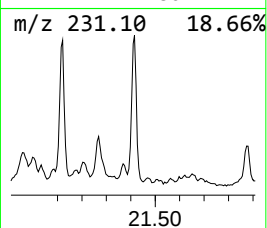
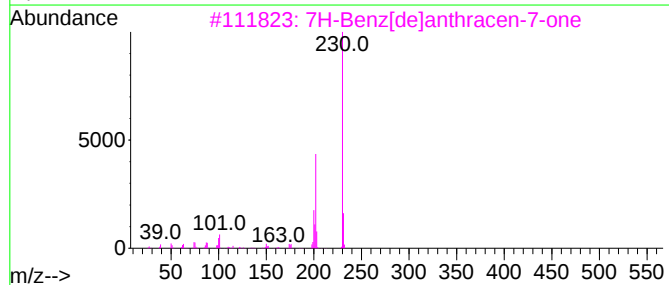
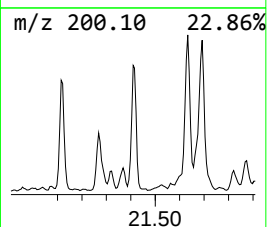
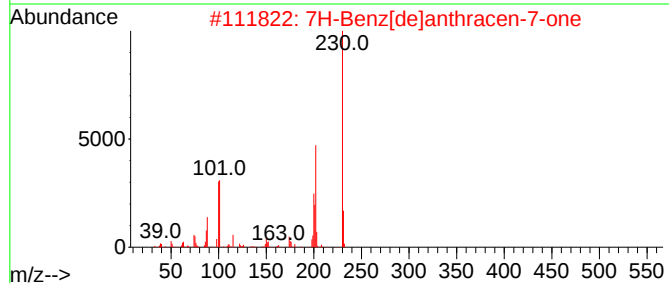
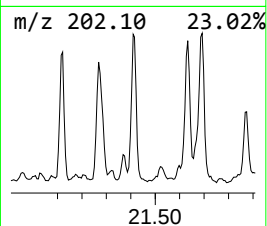
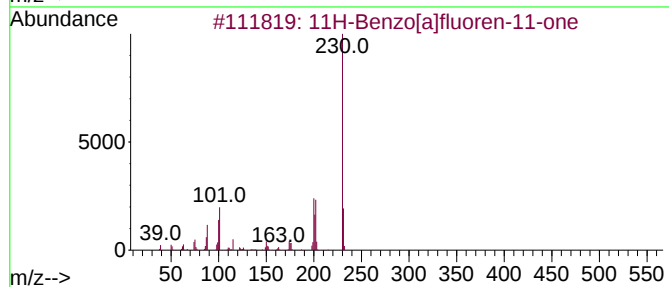
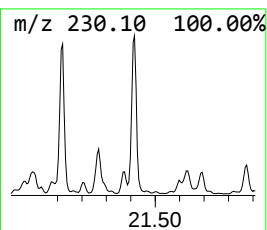
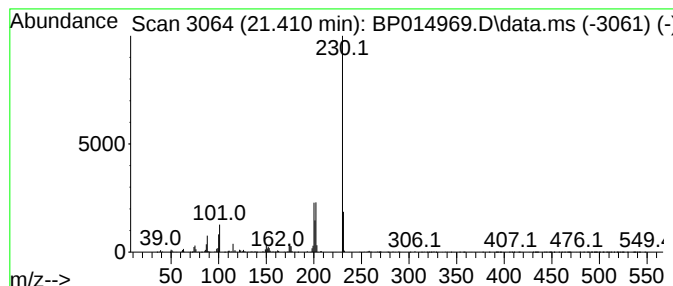
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 11H-Benzo[a]fluoren-11-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.410	2.35 ng/ul	1499370	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	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	74
5		Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
Operator : CG/JU
Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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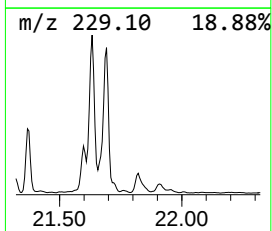
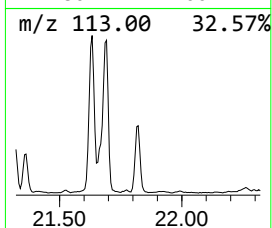
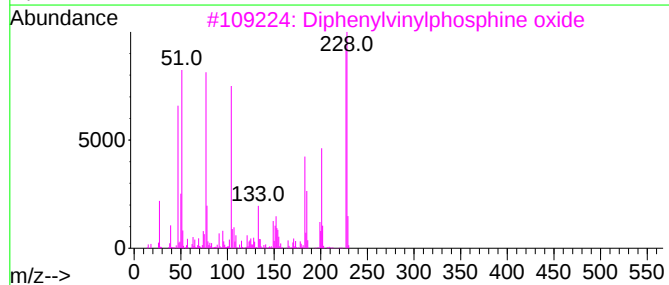
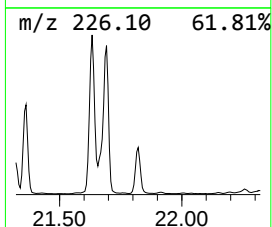
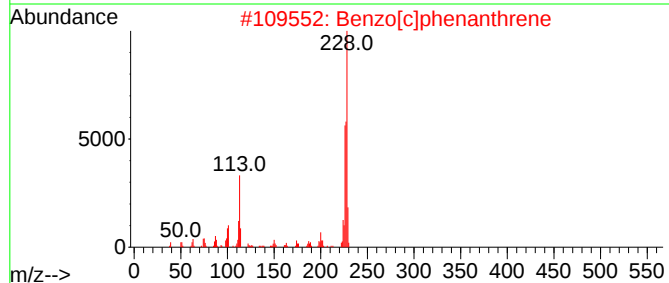
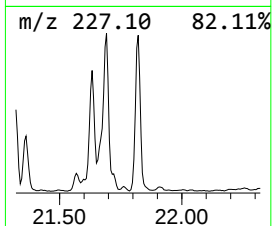
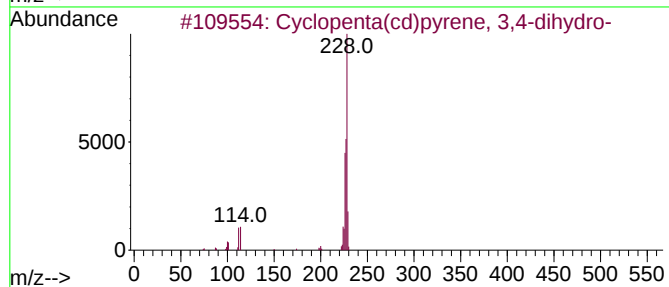
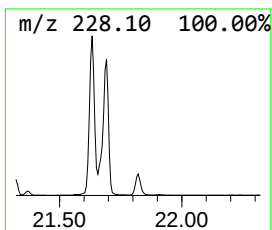
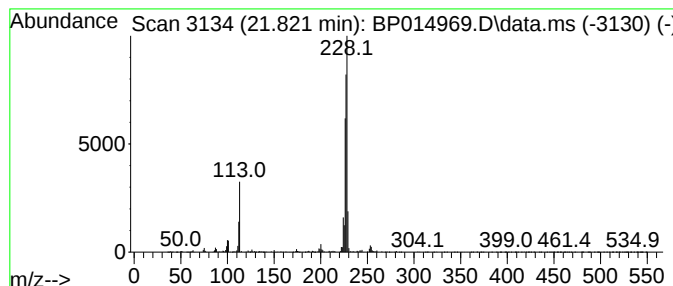
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Benzo[c]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.821	2.86 ng/ul	1823710	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	91
2			Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
3			Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
4			Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
5			Triphenylene	228	C18H12	000217-59-4	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
Operator : CG/JU
Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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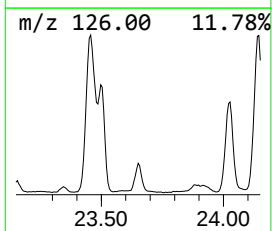
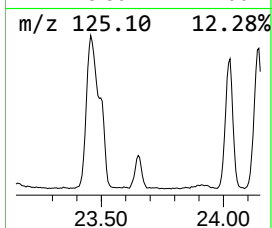
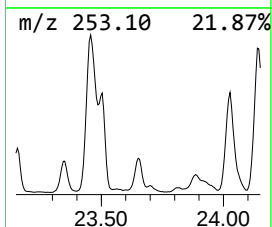
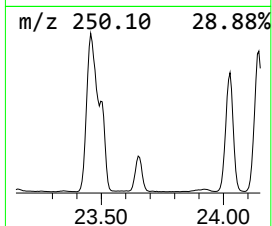
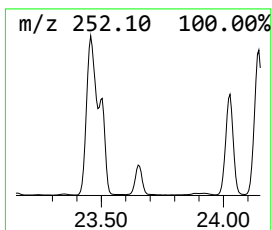
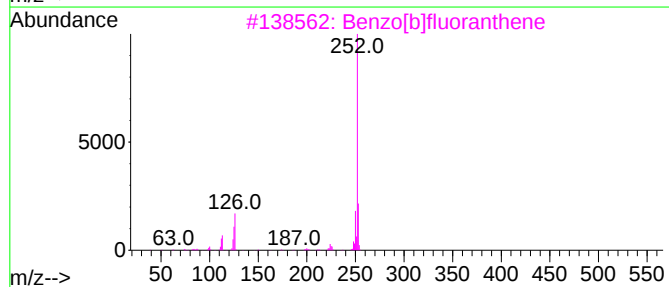
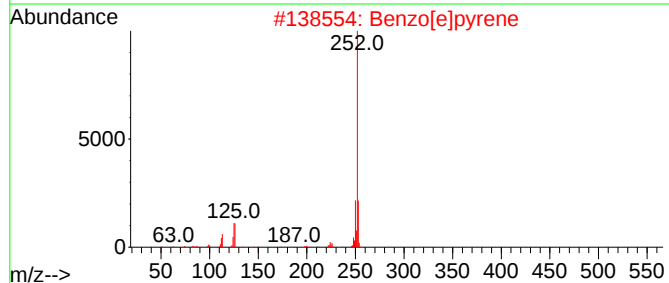
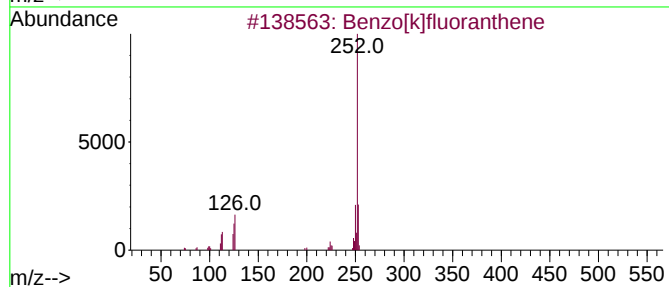
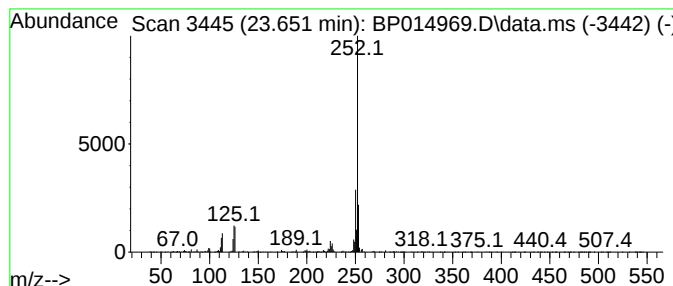
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.651	12.86 ng/ul	1580830	Perylene-d12	24.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
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Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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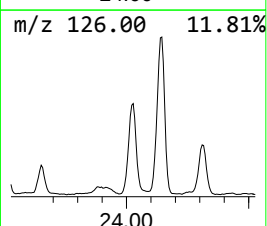
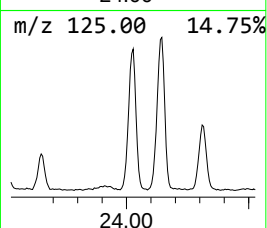
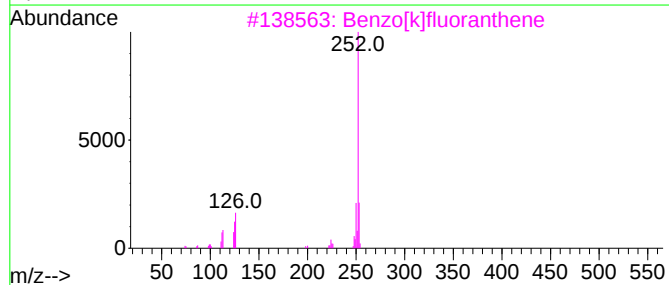
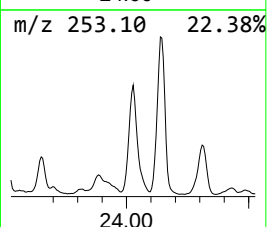
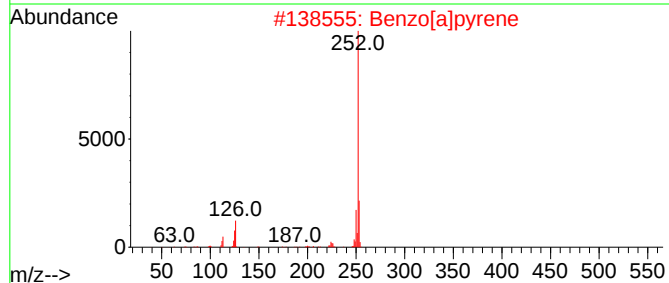
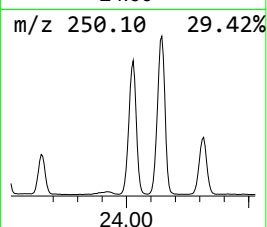
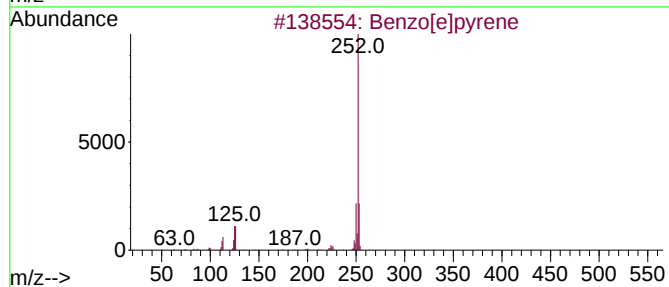
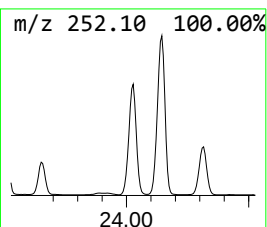
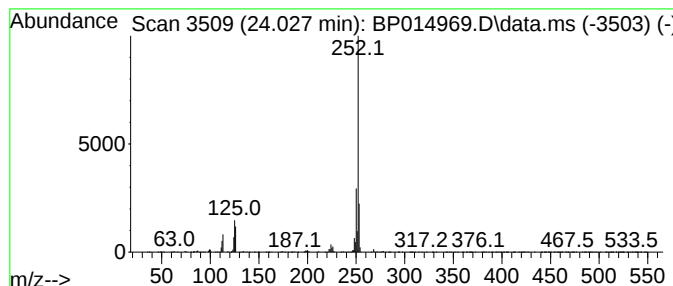
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.027	43.38 ng/ul	5334490	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[k]fluoranthene	252	C20H12	000207-08-9	97
4		Perylene	252	C20H12	000198-55-0	97
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014969.D
Acq On : 05 May 2023 00:28
Operator : CG/JU
Sample : 02479-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW974

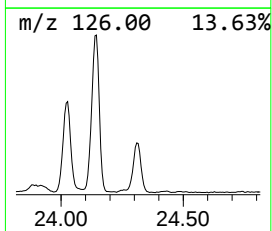
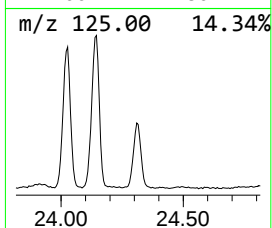
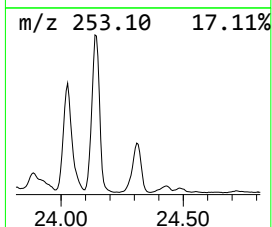
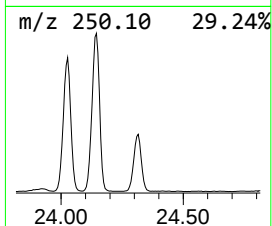
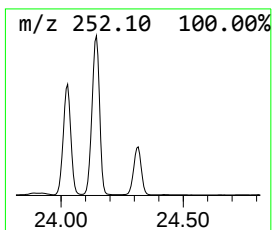
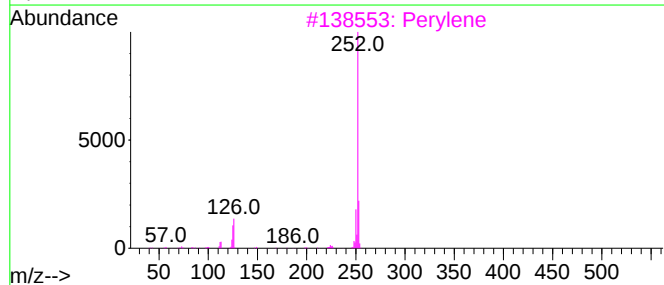
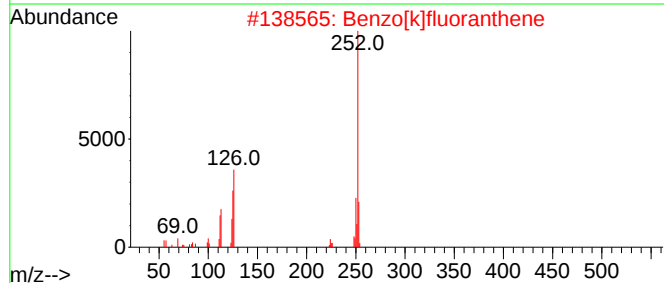
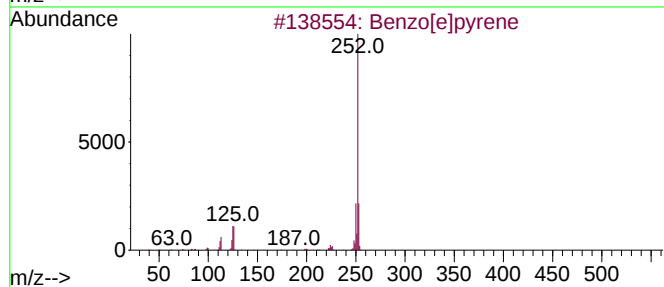
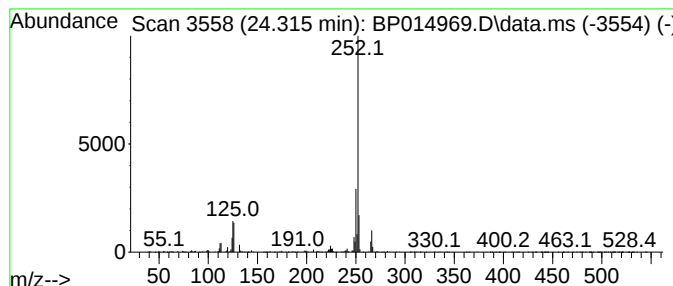
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.315	24.53 ng/ul	3016730	Perylene-d12	24.256

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			Perylene	252	C20H12	000198-55-0	92
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014969.D
 Acq On : 05 May 2023 00:28
 Operator : CG/JU
 Sample : 02479-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW974

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	4.016	3.4	ng/ul	238666	1	8.169	1411370	20.0
Benzophenone	16.157	4.7	ng/ul	551171	3	14.810	2366130	20.0
[1,1'-Biphenyl]...	16.298	2.2	ng/ul	315899	4	17.569	2865020	20.0
(DEL) Alkane: S...	16.527	3.1	ng/ul	440633	4	17.569	2865020	20.0
9H-Fluoren-9-one	17.216	4.0	ng/ul	573587	4	17.569	2865020	20.0
3'-Methyl-[1,1'...	17.298	2.2	ng/ul	318903	4	17.569	2865020	20.0
Dibenzothiophene	17.386	3.9	ng/ul	560986	4	17.569	2865020	20.0
Anthracene, 2-m...	18.421	8.3	ng/ul	1186280	4	17.569	2865020	20.0
Phenanthrene, 2...	18.468	9.2	ng/ul	1313750	4	17.569	2865020	20.0
Anthracene, 1-m...	18.545	3.3	ng/ul	467512	4	17.569	2865020	20.0
4H-Cyclopenta[d...	18.616	17.2	ng/ul	2468690	4	17.569	2865020	20.0
Phenanthrene, 4...	18.645	3.7	ng/ul	525757	4	17.569	2865020	20.0
Naphthalene, 2-...	18.898	5.7	ng/ul	814104	4	17.569	2865020	20.0
9,10-Anthracene...	18.939	6.5	ng/ul	927928	4	17.569	2865020	20.0
Phenanthrene, 2...	19.304	4.1	ng/ul	586153	4	17.569	2865020	20.0
Cyclopenta(def)...	19.445	4.4	ng/ul	631854	4	17.569	2865020	20.0
11H-Benzo[b]flu...	20.386	3.2	ng/ul	2031660	5	21.651	12753800	20.0
Cyclopenta(cd)p...	21.315	3.1	ng/ul	1957440	5	21.651	12753800	20.0
Benzo[ghi]fluor...	21.363	2.5	ng/ul	1604830	5	21.651	12753800	20.0
11H-Benzo[a]flu...	21.410	2.4	ng/ul	1499370	5	21.651	12753800	20.0
Benzo[c]phenant...	21.821	2.9	ng/ul	1823710	5	21.651	12753800	20.0
Benzo[e]pyrene	23.651	12.9	ng/ul	1580830	6	24.256	2459290	20.0
Perylene	24.027	43.4	ng/ul	5334490	6	24.256	2459290	20.0
unknown-02	24.315	24.5	ng/ul	3016730	6	24.256	2459290	20.0