

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014954.D
 Acq On : 04 May 2023 16:07
 Operator : CG/JU
 Sample : 02447-07 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW912

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: BP014954.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.017	103	107	114	rVB	57738	72952	1.06%	0.096%
2	4.246	142	146	156	rVB	29806	47400	0.69%	0.063%
3	5.622	375	380	386	rBV	72008	102504	1.50%	0.135%
4	6.111	458	463	472	rVB	201063	309658	4.52%	0.408%
5	7.305	658	666	680	rVB3	74328	167204	2.44%	0.221%
6	7.481	690	696	702	rBV	70277	109132	1.59%	0.144%
7	7.687	726	731	741	rBV	76826	126406	1.85%	0.167%
8	8.164	803	812	819	rBV	972708	1591294	23.23%	2.099%
9	8.875	927	933	941	rBV	65207	111035	1.62%	0.146%
10	8.999	949	954	963	rVB2	56876	104660	1.53%	0.138%
11	9.340	1007	1012	1020	rBV	62753	111614	1.63%	0.147%
12	10.075	1129	1137	1148	rBV	40657	76813	1.12%	0.101%
13	10.616	1222	1229	1237	rBV	61745	108767	1.59%	0.143%
14	11.005	1283	1295	1300	rBV	1151748	2007844	29.31%	2.648%
15	11.052	1300	1303	1310	rVB	62105	99131	1.45%	0.131%
16	12.646	1567	1574	1582	rVB	40802	72806	1.06%	0.096%
17	12.863	1605	1611	1619	rVB	41942	66833	0.98%	0.088%
18	13.975	1794	1800	1809	rBV3	20965	54729	0.80%	0.072%
19	14.128	1820	1826	1831	rBV2	45499	76440	1.12%	0.101%
20	14.204	1831	1839	1845	rBV	127887	223375	3.26%	0.295%
21	14.504	1884	1890	1893	rBV	165929	269080	3.93%	0.355%
22	14.534	1893	1895	1906	rVB	132731	185161	2.70%	0.244%
23	14.810	1931	1942	1948	rBV	1572032	2305434	33.65%	3.041%
24	14.875	1948	1953	1959	rVV	120862	190755	2.78%	0.252%
25	15.204	2004	2009	2016	rVB2	86456	129990	1.90%	0.171%
26	15.422	2040	2046	2051	rBV4	28532	53466	0.78%	0.071%
27	15.593	2068	2075	2078	rBV6	24110	49743	0.73%	0.066%
28	15.798	2106	2110	2115	rVV	209376	285493	4.17%	0.377%
29	15.857	2115	2120	2126	rVB	133905	202935	2.96%	0.268%
30	16.057	2151	2154	2159	rVB2	46493	65711	0.96%	0.087%
31	16.151	2165	2170	2176	rVB2	50727	89101	1.30%	0.118%
32	16.298	2187	2195	2201	rBV	44854	101454	1.48%	0.134%
33	16.504	2226	2230	2232	rBV3	32473	48644	0.71%	0.064%
34	16.528	2232	2234	2241	rVB3	46974	61593	0.90%	0.081%
35	16.787	2274	2278	2282	rVV	56384	74246	1.08%	0.098%
36	16.904	2294	2298	2304	rVB2	86676	133442	1.95%	0.176%

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37	17.045	2318	2322	2326	rVV	195520	235203	3.43%	0.310%
38	17.157	2339	2341	2346	rVB	67639	79323	1.16%	0.105%
39	17.216	2346	2351	2357	rBV	88832	129728	1.89%	0.171%
40	17.304	2360	2366	2371	rBV6	50524	103038	1.50%	0.136%
41	17.381	2375	2379	2384	rVB	84423	114829	1.68%	0.151%
42	17.434	2384	2388	2392	rBV	105135	133162	1.94%	0.176%
43	17.475	2392	2395	2399	rVB2	52080	64774	0.95%	0.085%
44	17.563	2403	2410	2414	rBV	1825079	2693592	39.32%	3.553%
45	17.610	2414	2418	2423	rVV	2032643	2842085	41.48%	3.748%
46	17.663	2423	2427	2429	rVV2	242561	326406	4.76%	0.430%
47	17.698	2429	2433	2437	rVV	495991	714164	10.42%	0.942%
48	17.734	2437	2439	2448	rVB4	145546	228282	3.33%	0.301%
49	17.957	2472	2477	2481	rBV2	141481	217730	3.18%	0.287%
50	18.075	2494	2497	2502	rBV	57664	69459	1.01%	0.092%
51	18.145	2503	2509	2516	rVB2	440538	922472	13.46%	1.217%
52	18.275	2526	2531	2536	rBV4	127672	204812	2.99%	0.270%
53	18.392	2547	2551	2552	rBV	130787	140989	2.06%	0.186%
54	18.422	2552	2556	2560	rVV	360134	557795	8.14%	0.736%
55	18.469	2560	2564	2572	rVB2	408673	594837	8.68%	0.785%
56	18.545	2573	2577	2582	rVV	146931	213501	3.12%	0.282%
57	18.604	2582	2587	2591	rVV2	683399	1167037	17.03%	1.539%
58	18.645	2591	2594	2600	rVB2	253930	484070	7.07%	0.638%
59	18.698	2600	2603	2609	rVB3	130737	183110	2.67%	0.242%
60	18.875	2629	2633	2635	rBV	219452	294853	4.30%	0.389%
61	18.898	2635	2637	2640	rVV	258704	295780	4.32%	0.390%
62	18.939	2641	2644	2647	rVV	166438	241937	3.53%	0.319%
63	18.969	2647	2649	2653	rVV2	107174	130526	1.91%	0.172%
64	19.010	2654	2656	2659	rVV2	74906	90467	1.32%	0.119%
65	19.045	2659	2662	2668	rVB2	136725	168059	2.45%	0.222%
66	19.134	2674	2677	2682	rVB2	109602	144938	2.12%	0.191%
67	19.181	2683	2685	2688	rVV	65763	71526	1.04%	0.094%
68	19.298	2701	2705	2709	rBV	211823	340279	4.97%	0.449%
69	19.339	2709	2712	2717	rVV4	141572	296059	4.32%	0.390%
70	19.386	2717	2720	2723	rVV	293693	377385	5.51%	0.498%
71	19.428	2723	2727	2736	rVB4	317949	682445	9.96%	0.900%
72	19.557	2744	2749	2755	rBV	4905195	6066059	88.54%	8.000%
73	19.686	2768	2771	2777	rVB3	212306	268381	3.92%	0.354%
74	19.881	2799	2804	2805	rBV2	974826	1270305	18.54%	1.675%
75	19.910	2805	2809	2816	rVV	4448979	5963151	87.04%	7.865%
76	19.975	2817	2820	2824	rVB2	170082	231460	3.38%	0.305%

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77	20.122	2842	2845	2847	rBV2	150562	196098	2.86%	0.259%
78	20.222	2857	2862	2868	rBV4	264768	623869	9.11%	0.823%
79	20.386	2887	2890	2893	rVB	476145	602058	8.79%	0.794%
80	20.422	2894	2896	2900	rVB3	151507	161553	2.36%	0.213%
81	20.486	2903	2907	2910	rBV	285348	368474	5.38%	0.486%
82	20.539	2914	2916	2920	rVB	296931	369299	5.39%	0.487%
83	20.681	2937	2940	2943	rBV	253096	324752	4.74%	0.428%
84	20.722	2944	2947	2950	rVV	322098	395194	5.77%	0.521%
85	20.763	2950	2954	2958	rVB	796553	871771	12.72%	1.150%
86	21.116	3011	3014	3019	rVB	435060	570120	8.32%	0.752%
87	21.316	3045	3048	3052	rVB	1169813	1363472	19.90%	1.798%
88	21.363	3052	3056	3060	rVV2	400475	566805	8.27%	0.748%
89	21.410	3061	3064	3071	rVB2	477389	692624	10.11%	0.913%
90	21.528	3080	3084	3089	rVB	3201038	3745468	54.67%	4.940%
91	21.633	3097	3102	3108	rBV3	2961642	6851166	100.00%	9.036%
92	21.686	3108	3111	3120	rVB	2406191	3349944	48.90%	4.418%
93	21.763	3121	3124	3126	rBV	624829	772996	11.28%	1.019%
94	21.822	3131	3134	3139	rVB3	735989	1033128	15.08%	1.363%
95	21.875	3140	3143	3148	rBV2	616887	835076	12.19%	1.101%
96	22.075	3175	3177	3180	rVB	387986	403051	5.88%	0.532%
97	23.445	3404	3410	3416	rBV	1742853	4439258	64.80%	5.855%
98	24.016	3502	3507	3513	rVB	1006815	1908233	27.85%	2.517%
99	24.127	3521	3526	3536	rVB	1613073	3309463	48.31%	4.365%
100	24.251	3541	3547	3552	rVV2	1392166	2826502	41.26%	3.728%

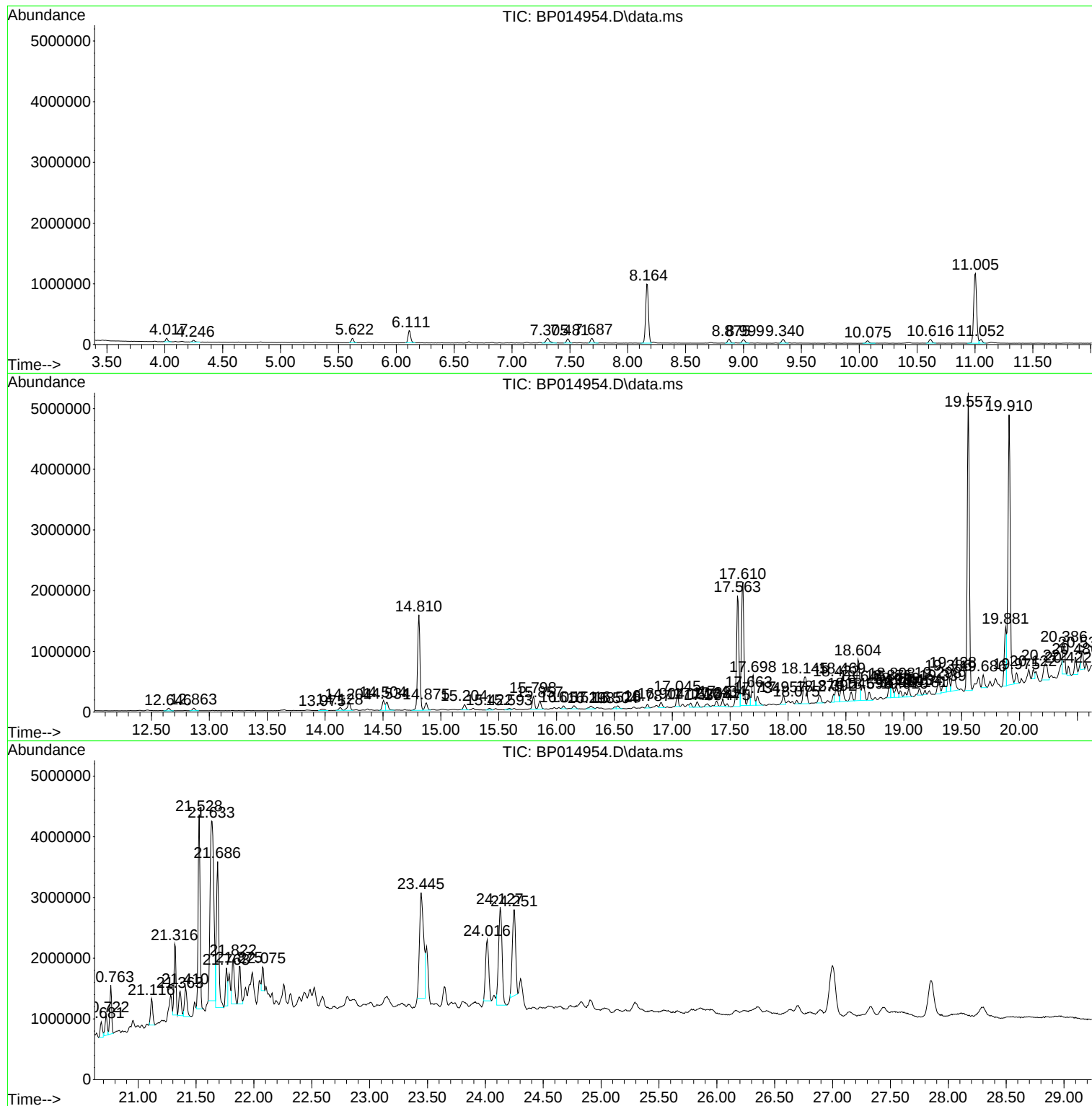
Sum of corrected areas: 75821227

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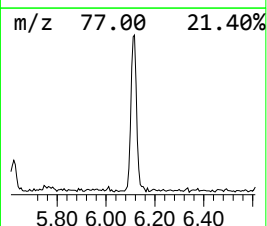
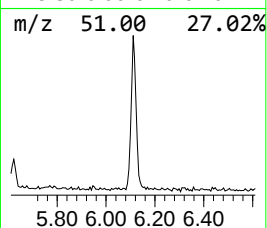
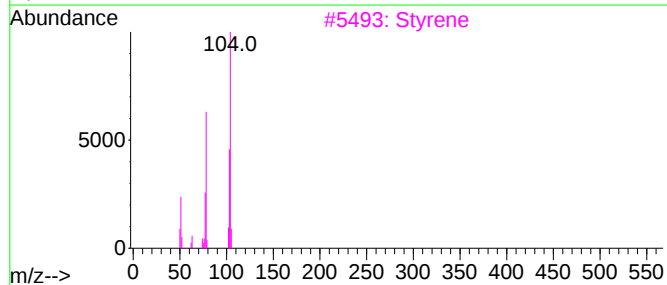
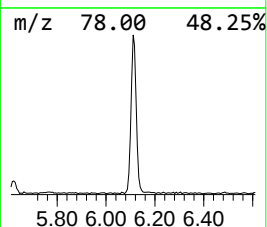
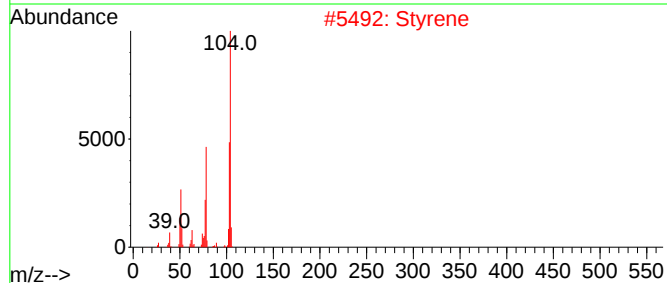
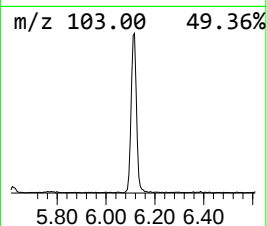
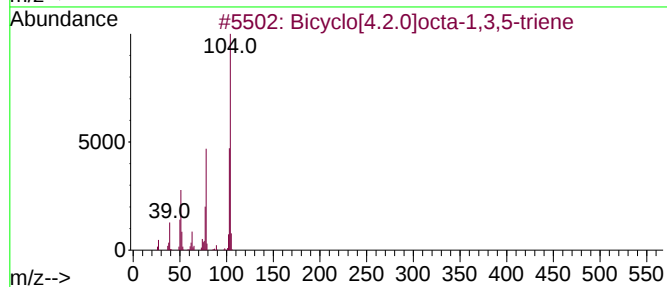
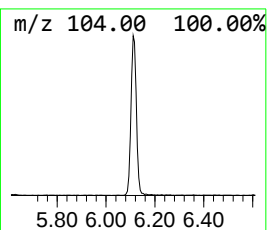
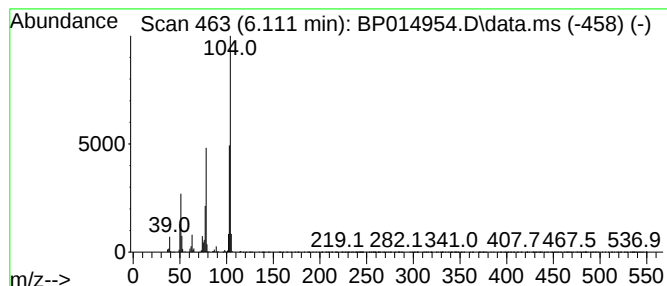
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.111	3.89 ng/ul	309658	1,4-Dichlorobenzene-d4	8.169

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
2			Styrene	104	C8H8	000100-42-5	96
3			Styrene	104	C8H8	000100-42-5	95
4			Styrene	104	C8H8	000100-42-5	95
5			Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	91



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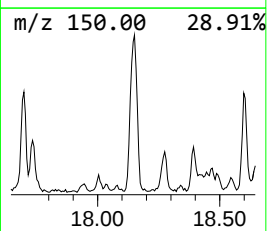
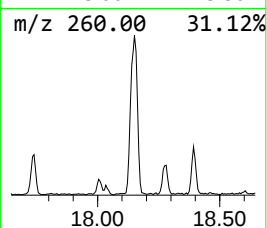
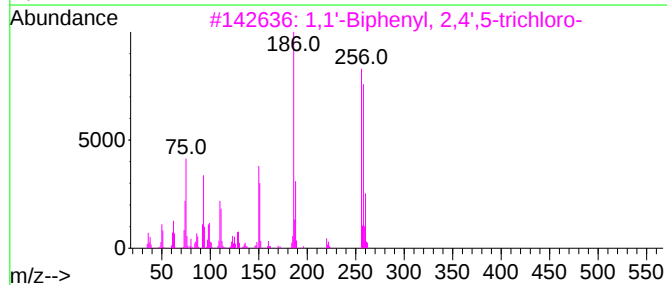
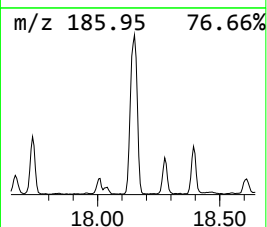
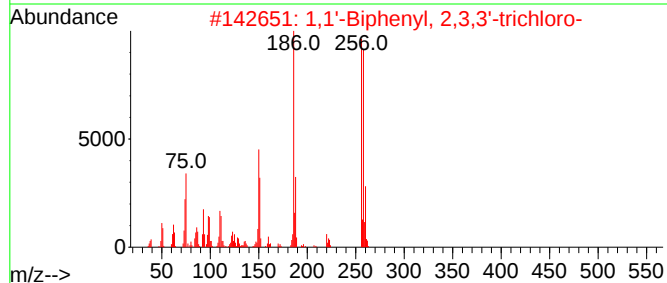
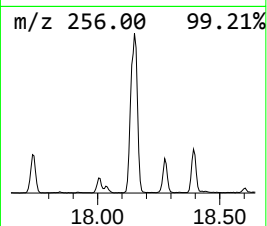
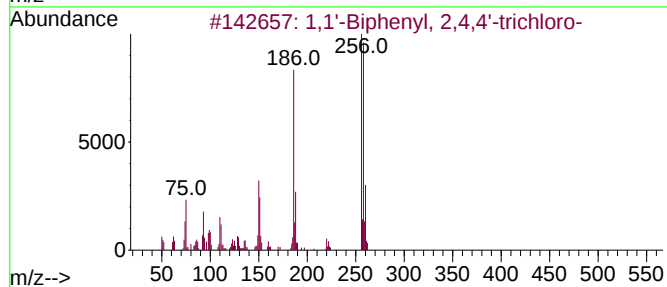
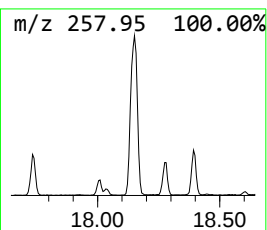
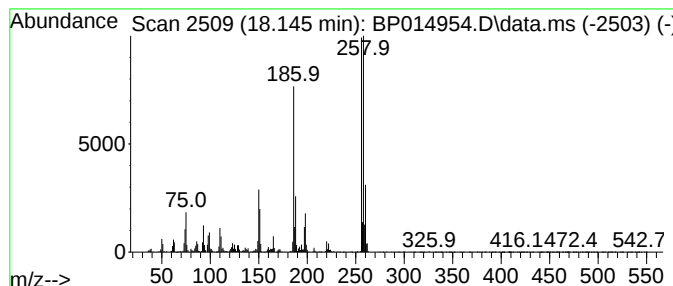
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	6.85 ng/ul	922472	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
2	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99		
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99		
4	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98		
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98		



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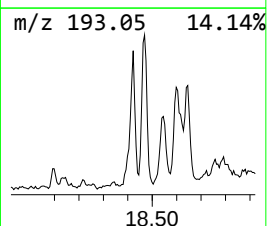
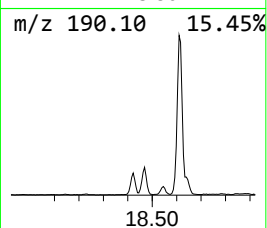
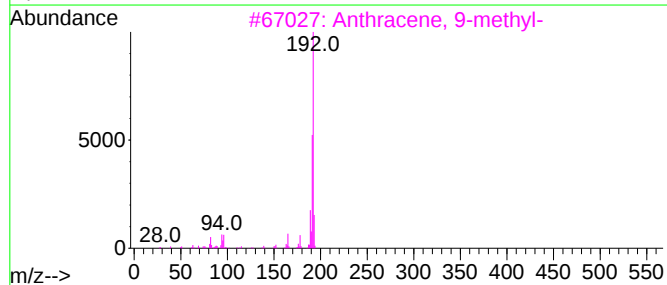
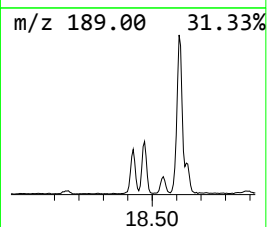
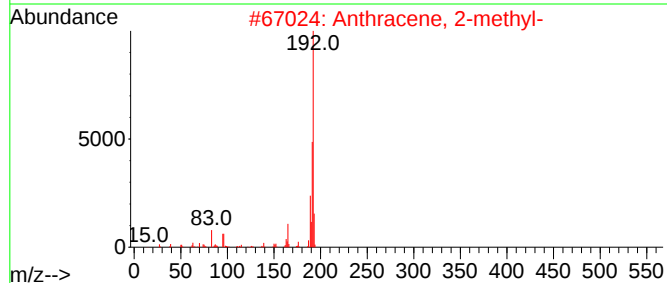
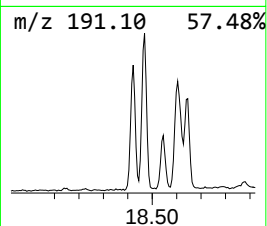
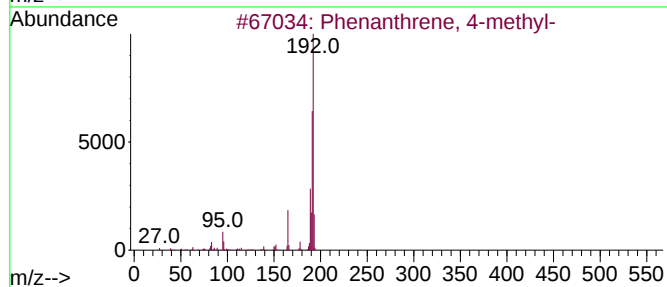
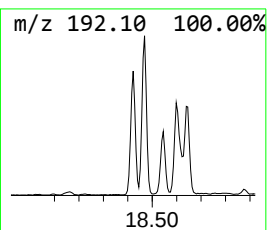
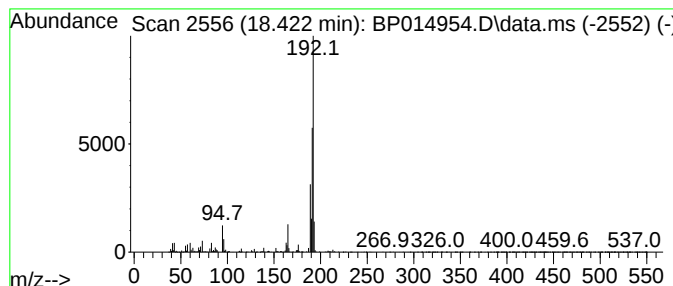
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Phenanthrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	4.14 ng/ul	557795	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014954.D
Acq On : 04 May 2023 16:07
Operator : CG/JU
Sample : 02447-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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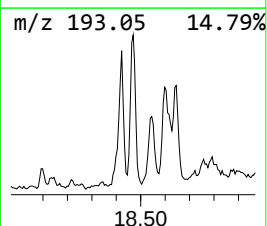
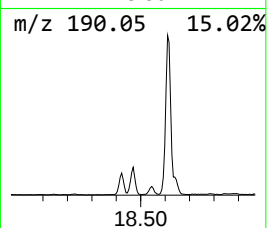
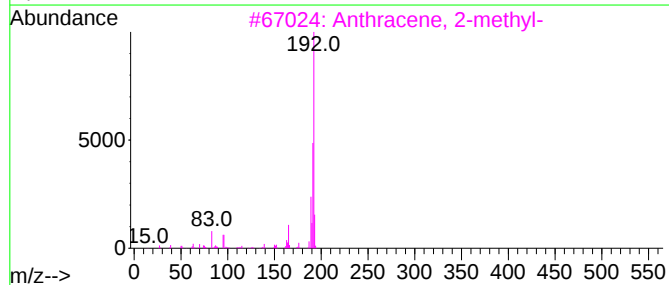
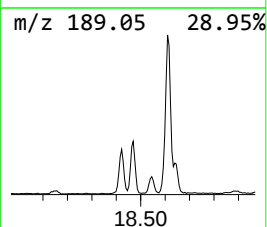
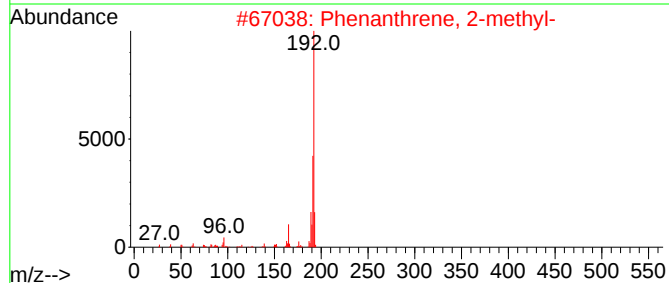
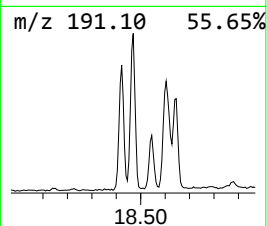
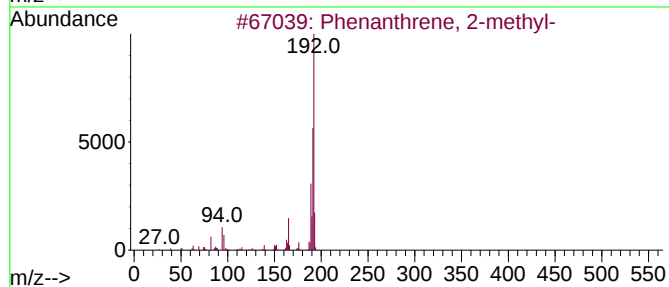
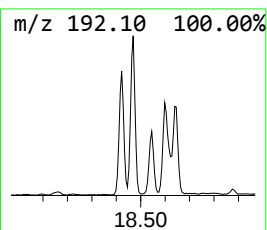
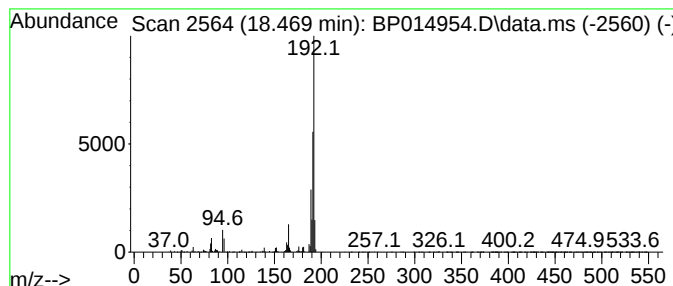
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.469	4.42 ng/ul	594837	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014954.D
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Sample : 02447-07 5X
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Instrument :
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ClientSampleId :
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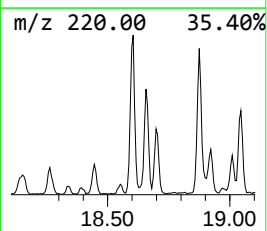
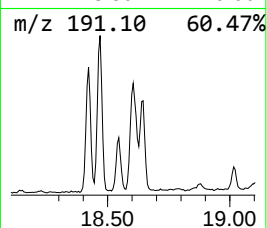
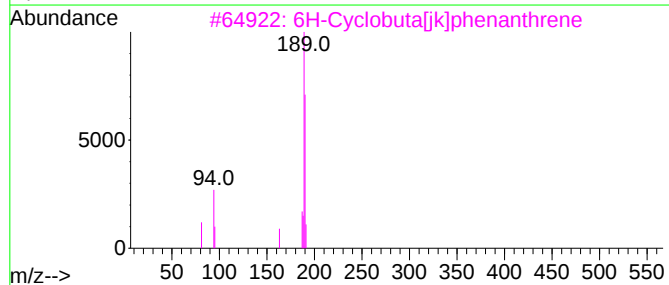
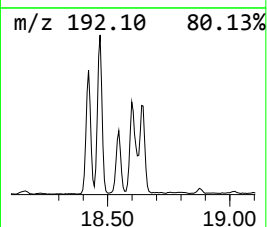
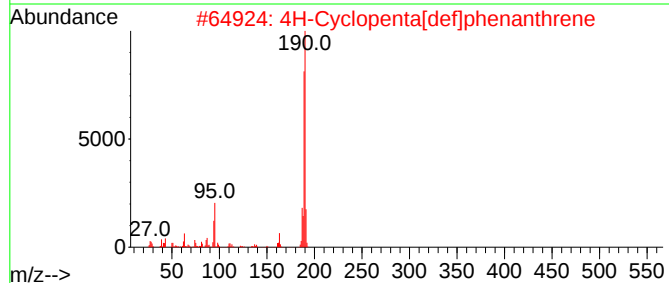
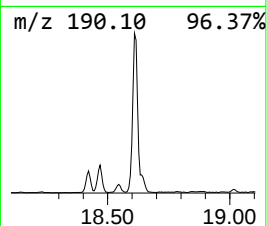
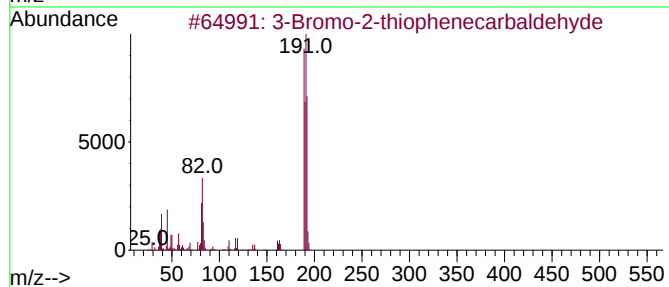
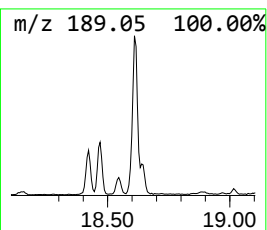
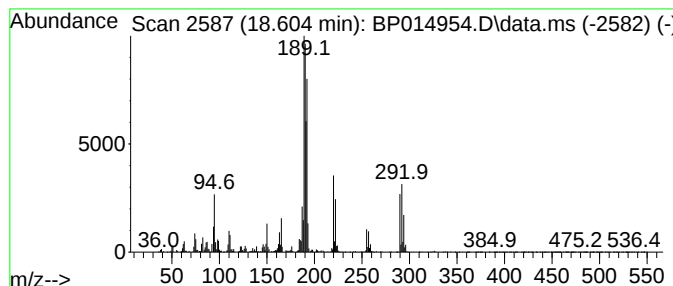
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	8.67 ng/ul	1167040	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Bromo-2-thiophenecarbaldehyde	190	C5H3BrOS	000930-96-1	46
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5			8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014954.D
Acq On : 04 May 2023 16:07
Operator : CG/JU
Sample : 02447-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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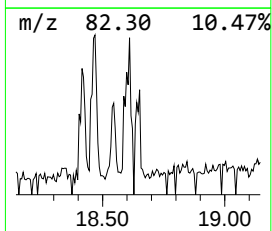
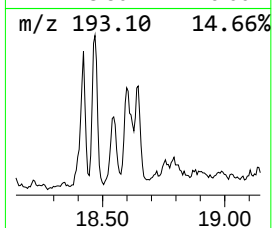
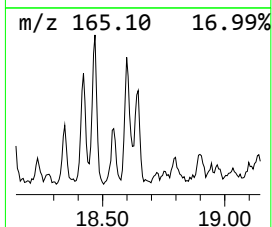
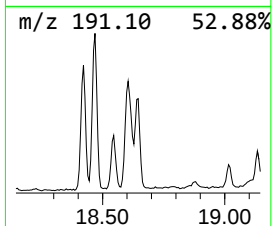
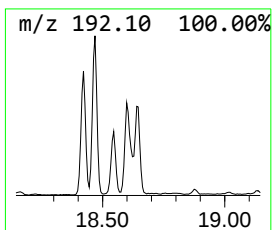
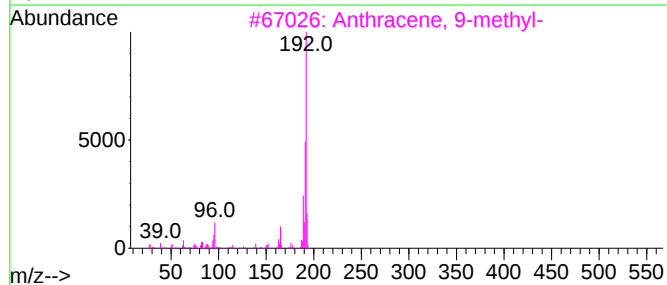
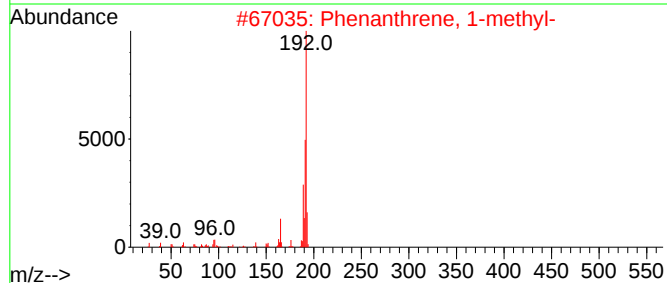
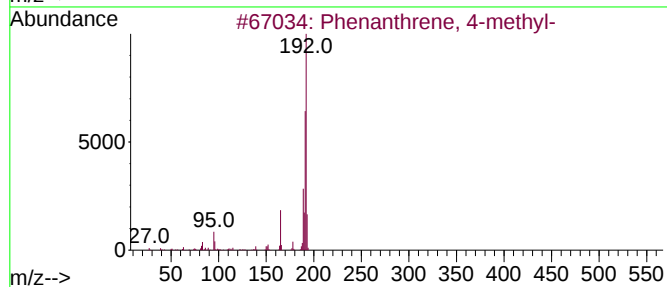
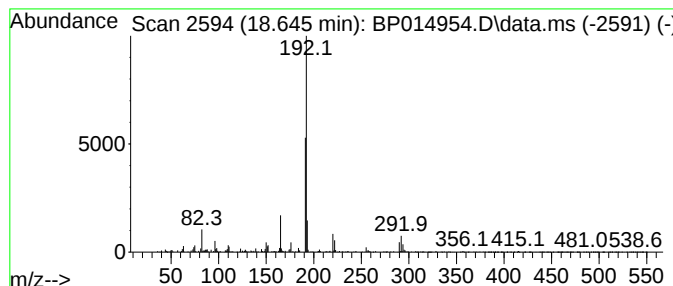
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	3.59 ng/ul	484070	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
4			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	74
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014954.D
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Operator : CG/JU
Sample : 02447-07 5X
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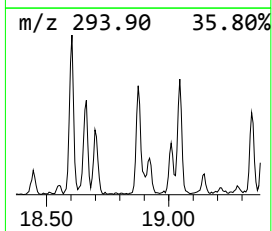
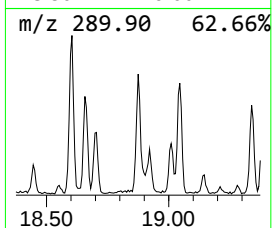
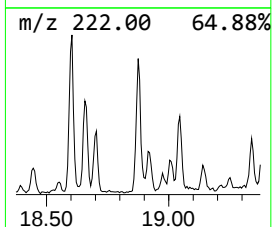
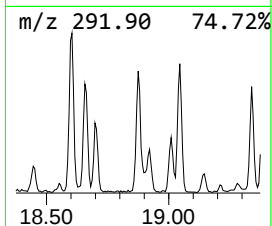
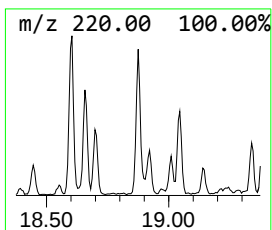
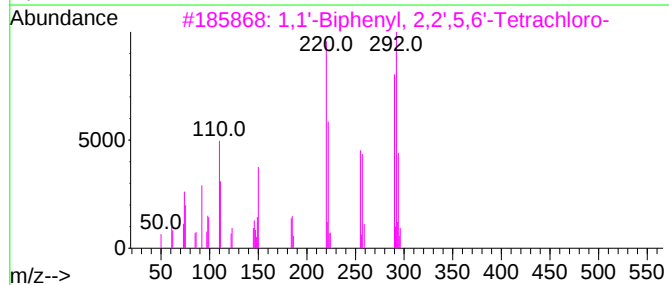
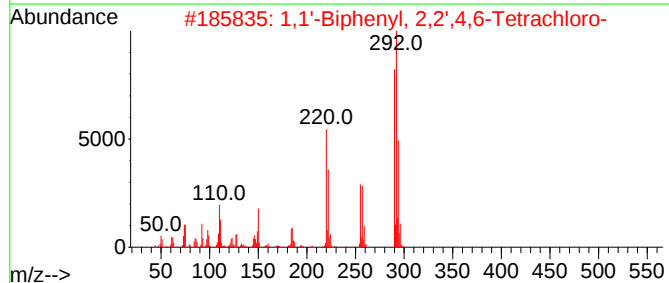
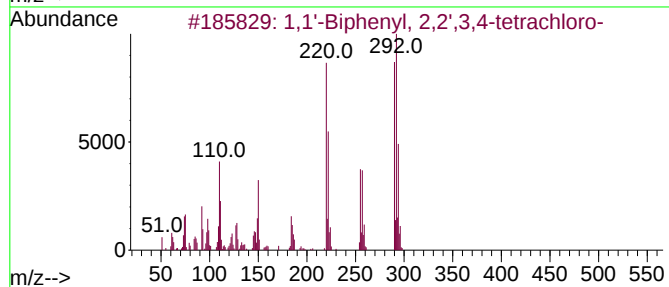
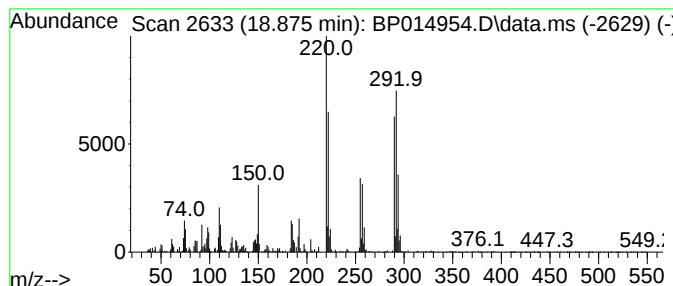
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.875	2.19 ng/ul	294853	Phenanthrene-d10	17.563	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014954.D
Acq On : 04 May 2023 16:07
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Sample : 02447-07 5X
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ClientSampleId :
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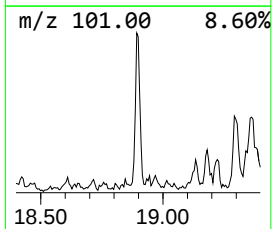
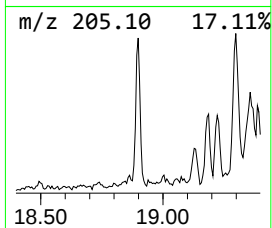
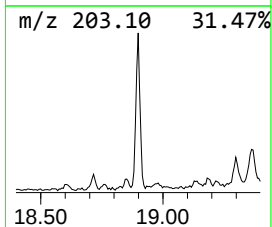
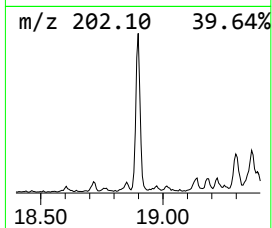
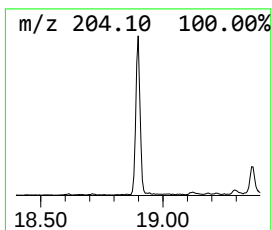
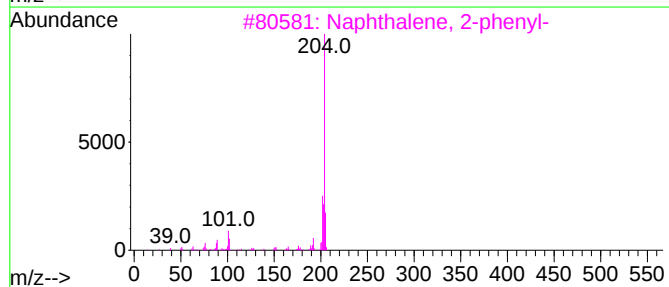
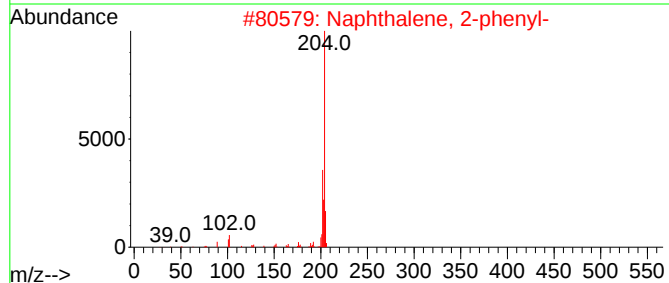
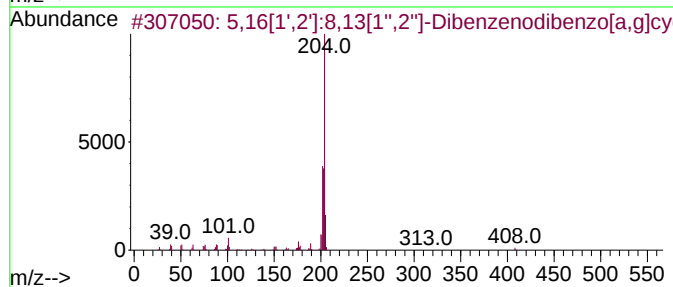
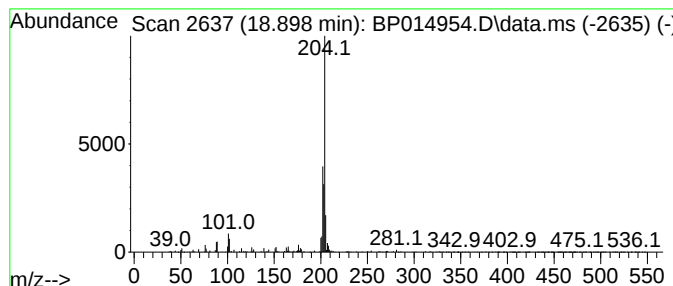
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.898	2.20 ng/ul	295780	Phenanthrene-d10	17.563

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90	
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86	
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70	
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64	
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014954.D
Acq On : 04 May 2023 16:07
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Sample : 02447-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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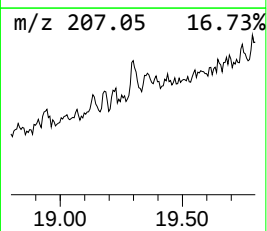
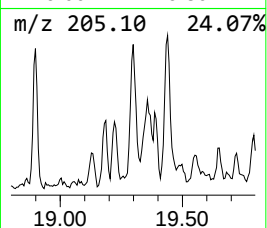
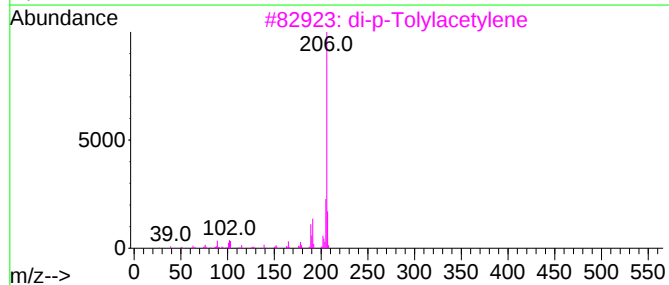
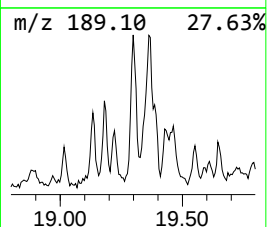
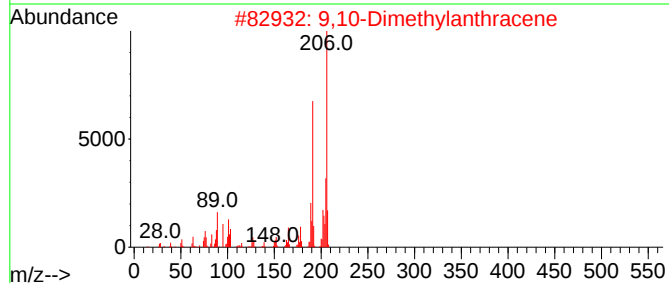
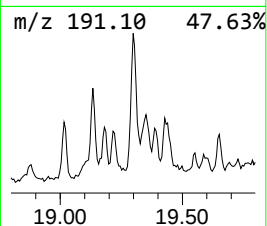
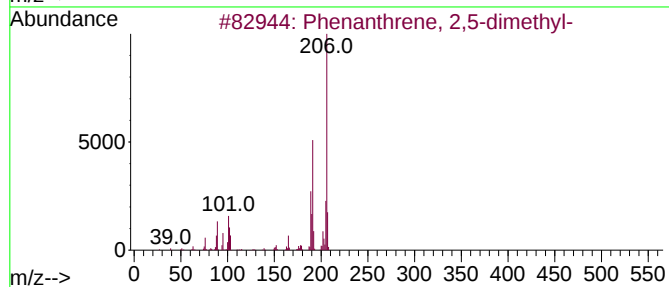
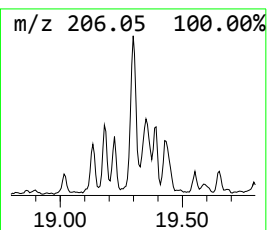
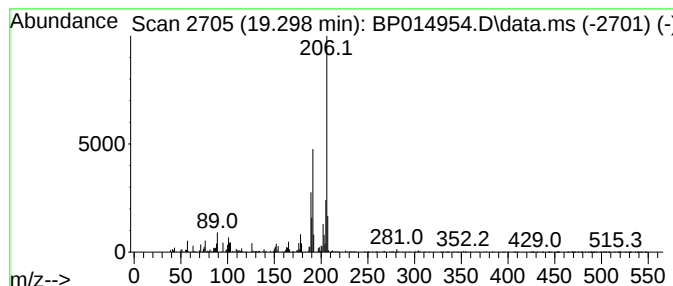
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.298	2.53 ng/ul	340279	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014954.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

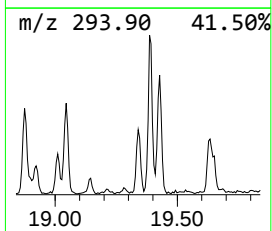
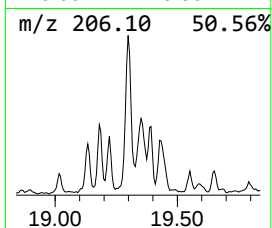
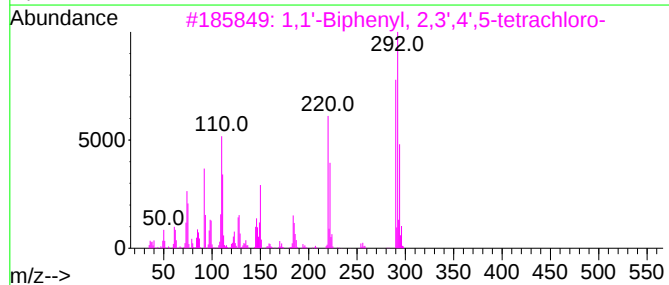
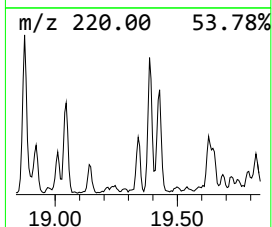
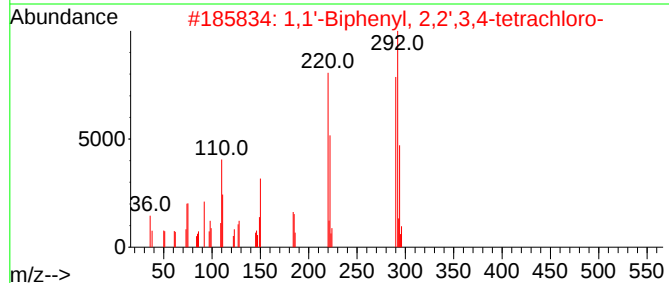
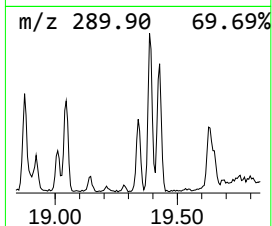
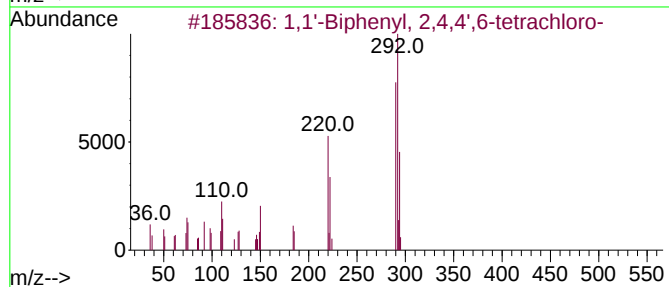
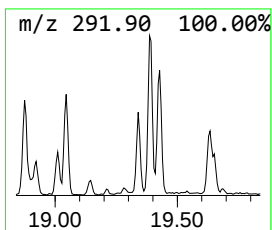
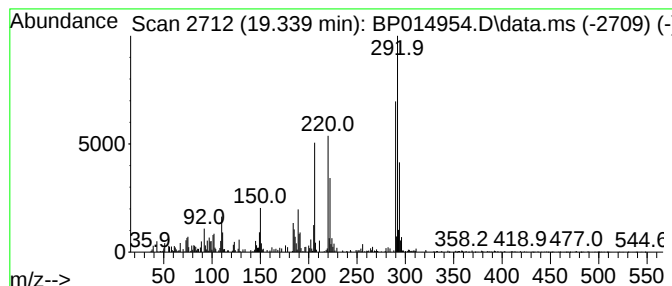
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ClientSampleId :
EW912

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 10 1,1'-Biphenyl, 2,4,4',6-tet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.339	2.20 ng/ul	296059	Phenanthrene-d10	17.563	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	95
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	95
3	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	95
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	95
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014954.D
Acq On : 04 May 2023 16:07
Operator : CG/JU
Sample : 02447-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW912

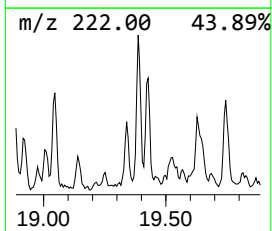
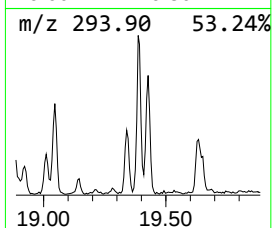
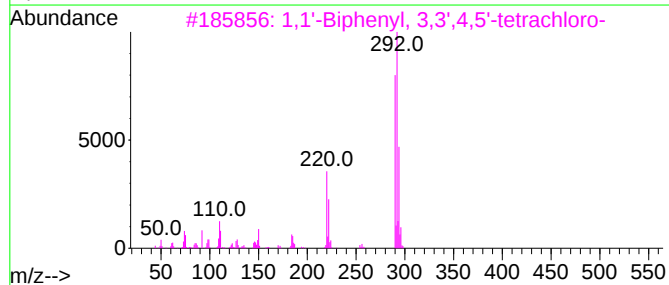
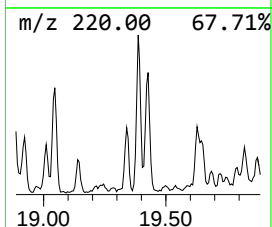
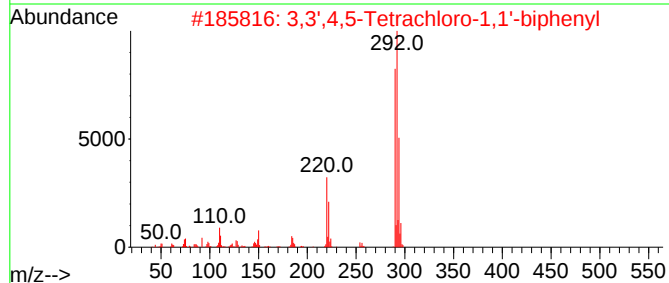
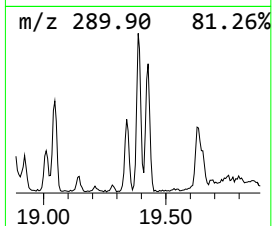
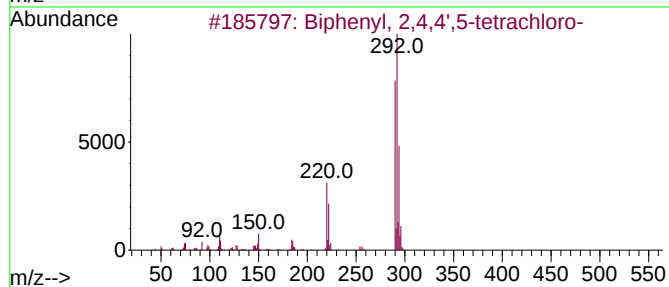
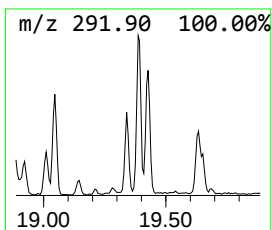
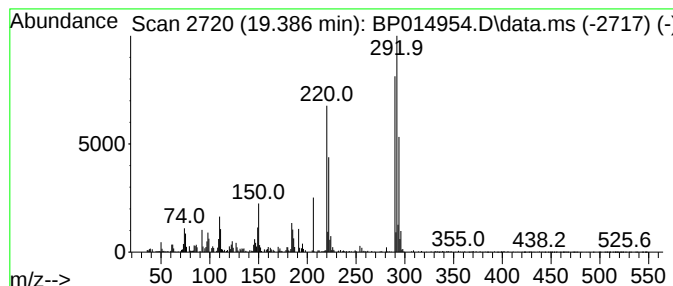
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.387	2.80 ng/ul	377385	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2			3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
3			1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
4			1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
5			1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014954.D
Acq On : 04 May 2023 16:07
Operator : CG/JU
Sample : 02447-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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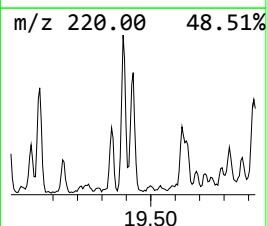
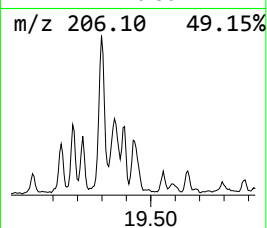
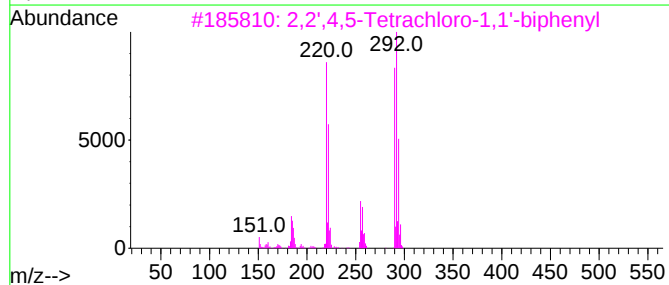
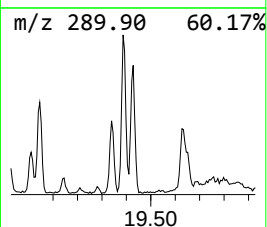
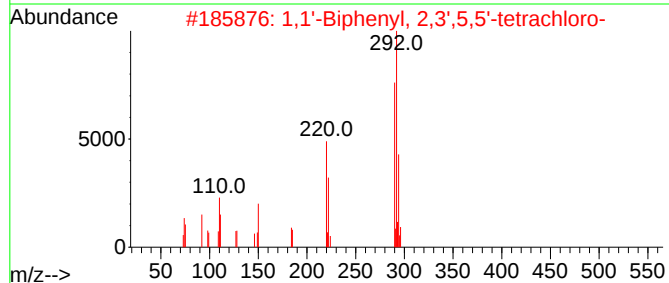
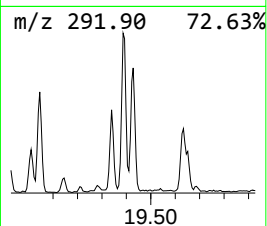
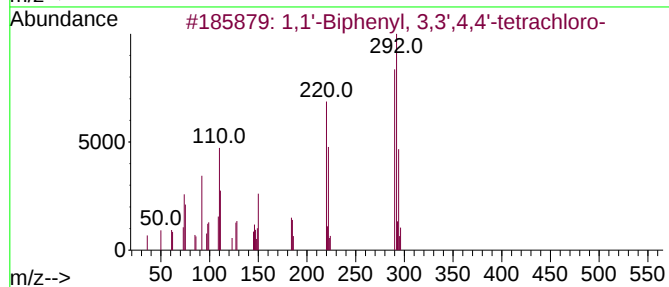
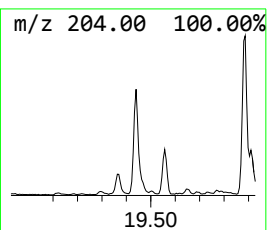
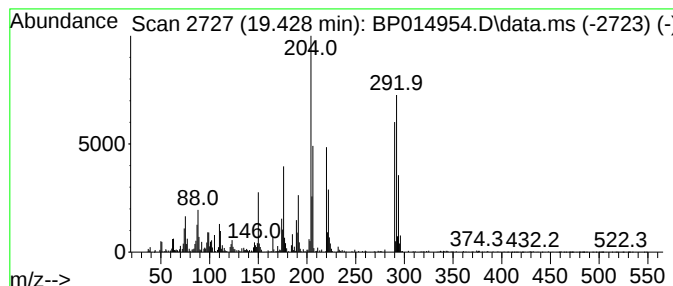
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.428	5.07 ng/ul	682445	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	86		
2	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	84		
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	84		
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	83		
5	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	70		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014954.D
Acq On : 04 May 2023 16:07
Operator : CG/JU
Sample : 02447-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW912

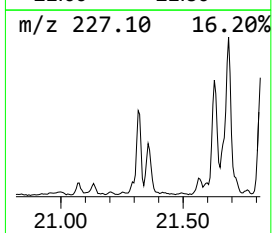
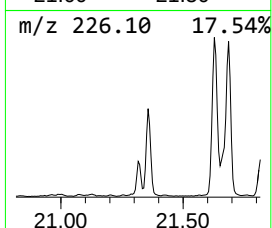
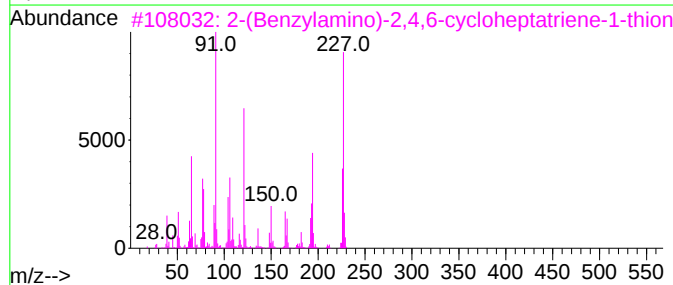
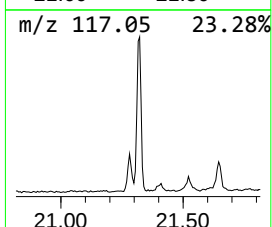
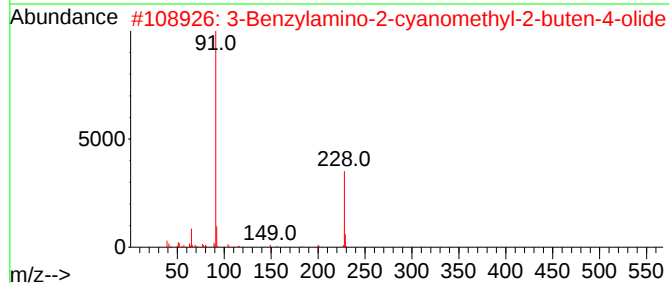
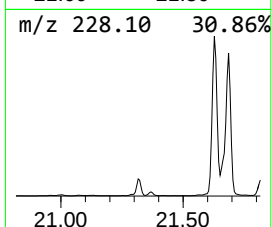
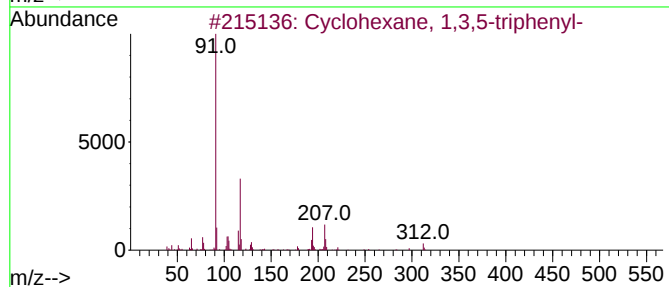
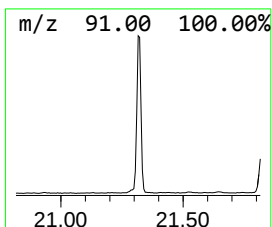
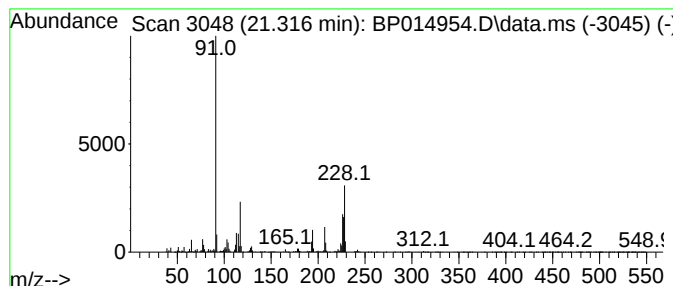
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.316	3.98 ng/ul	1363470	Chrysene-d12	21.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-triphenyl-	312	C24H24	028336-57-4	41
2			3-Benzylamino-2-cyanomethyl-2-bu...	228	C13H12N2O2	1000430-46-9	27
3			2-(Benzylamino)-2,4,6-cyclohepta...	227	C14H13NS	003336-61-6	14
4			Perhydroisoquinoline-3-acetaldeh...	315	C19H25NO3	1000195-70-1	12
5			3,4-Dibenzylloxybenzaldehyde	318	C21H18O3	005447-02-9	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014954.D
Acq On : 04 May 2023 16:07
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Sample : 02447-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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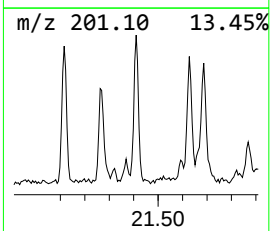
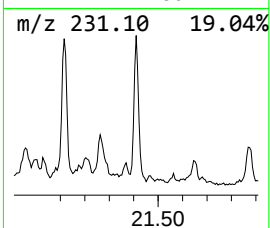
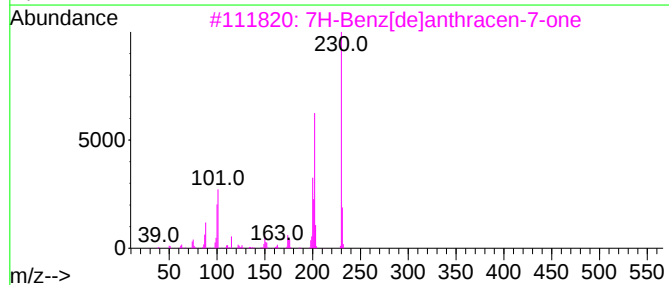
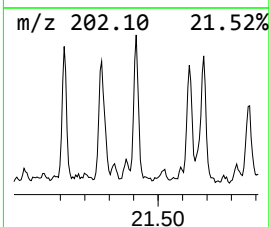
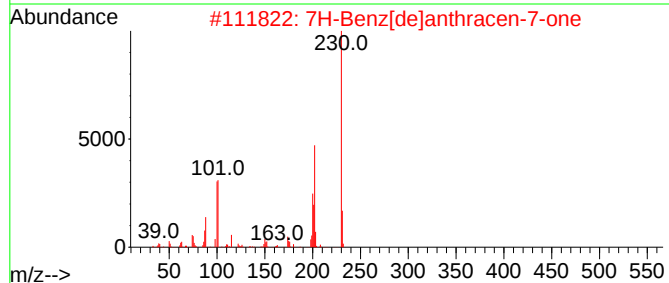
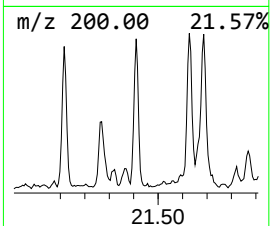
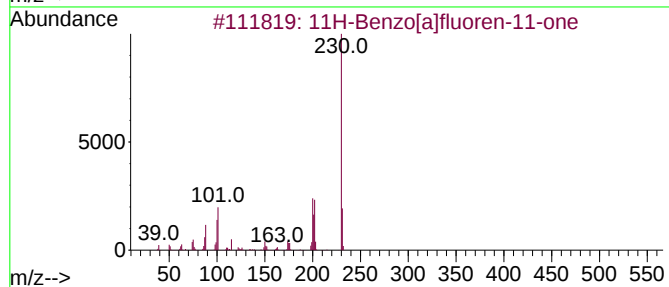
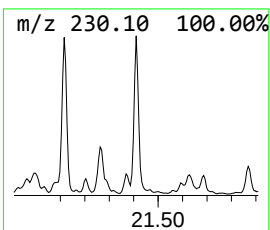
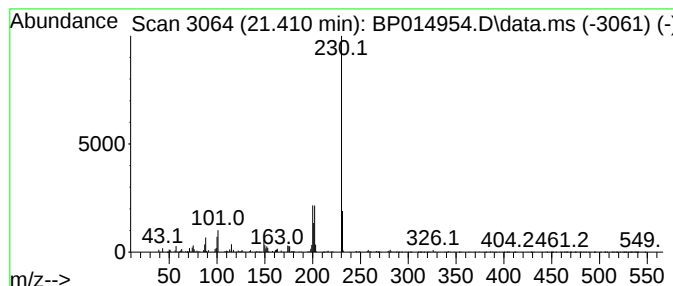
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.410	2.02 ng/ul	692624	Chrysene-d12	21.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014954.D
Acq On : 04 May 2023 16:07
Operator : CG/JU
Sample : 02447-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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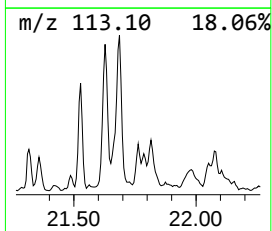
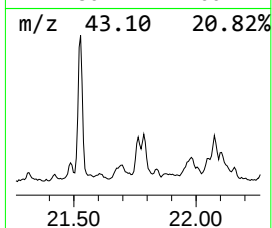
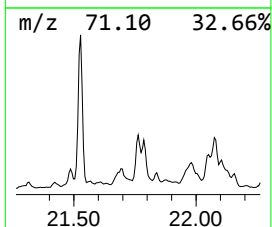
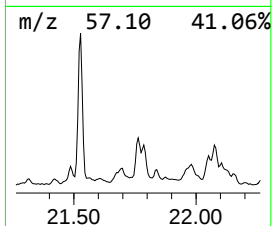
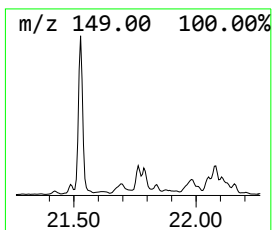
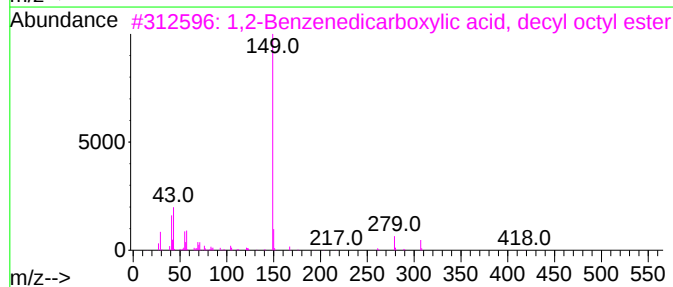
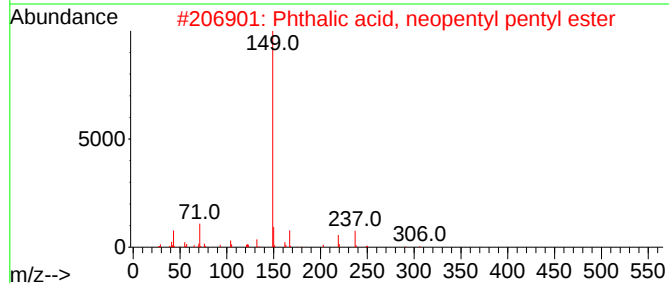
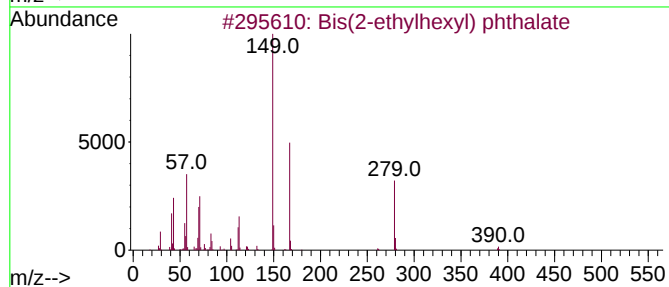
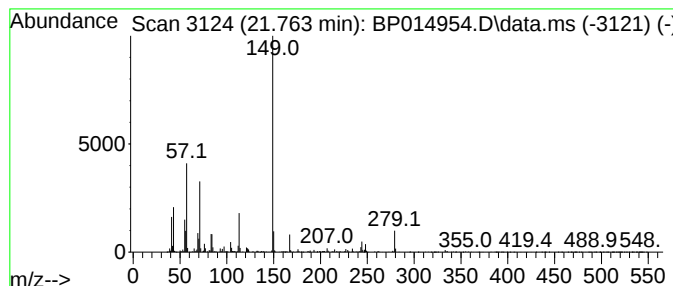
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Phthalic acid, neopentyl pe... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.763	2.26 ng/ul	772996	Chrysene-d12	21.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	86
2			Phthalic acid, neopentyl pentyl ...	306	C18H26O4	1000315-29-8	68
3			1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	62
4			Phthalic acid, 5-ethyl-1,3-dioxa...	406	C23H34O6	1010415-48-4	53
5			Phthalic acid, isohexyl 3-methyl...	320	C19H28O4	1000356-80-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014954.D
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Operator : CG/JU
Sample : 02447-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

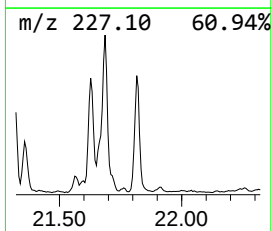
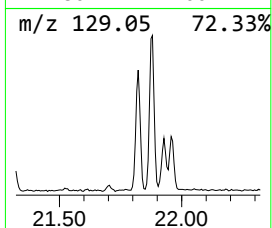
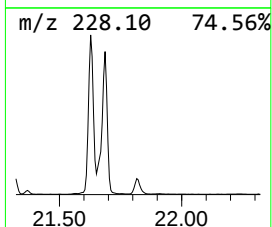
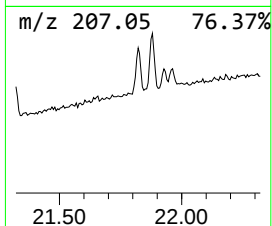
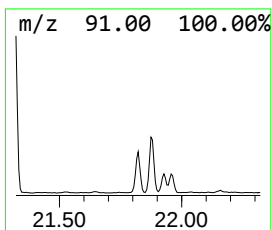
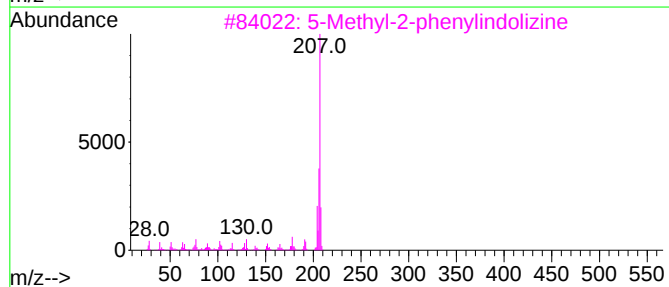
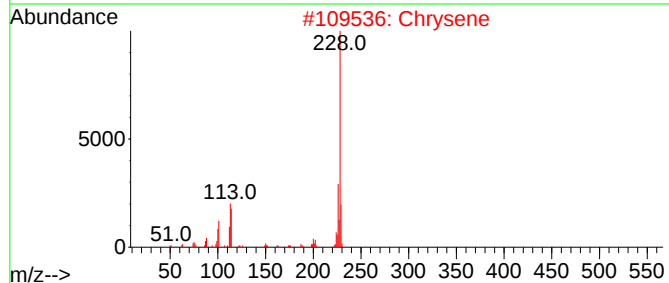
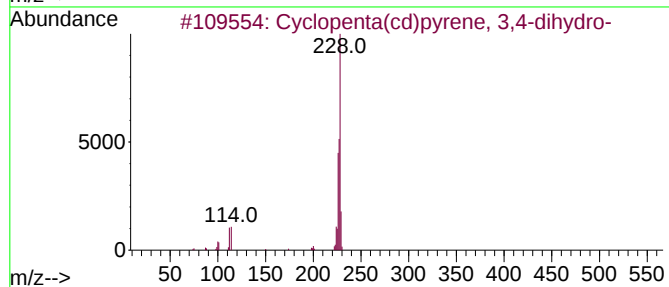
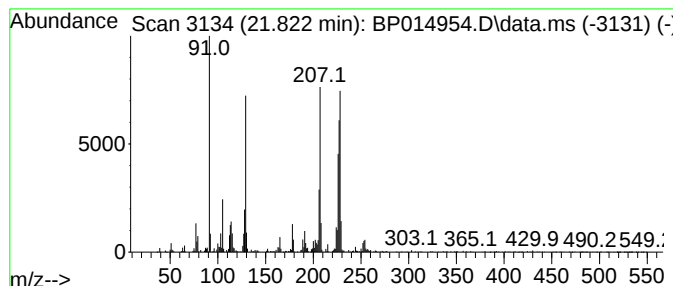
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.822	3.02 ng/ul	1033130	Chrysene-d12	21.645	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	64
2	Chrysene	228	C18H12	000218-01-9	53
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	35
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	25
5	Chrysene	228	C18H12	000218-01-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014954.D
Acq On : 04 May 2023 16:07
Operator : CG/JU
Sample : 02447-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

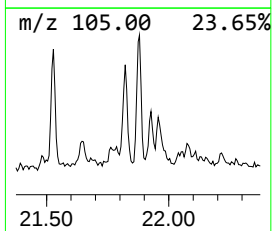
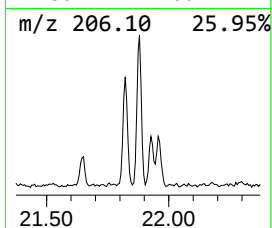
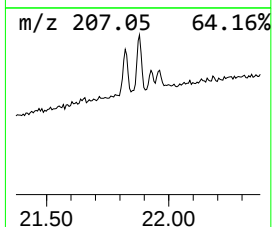
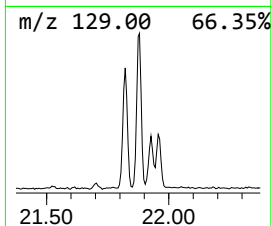
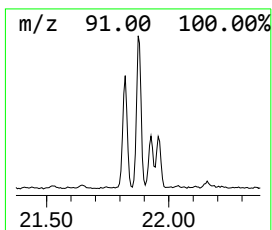
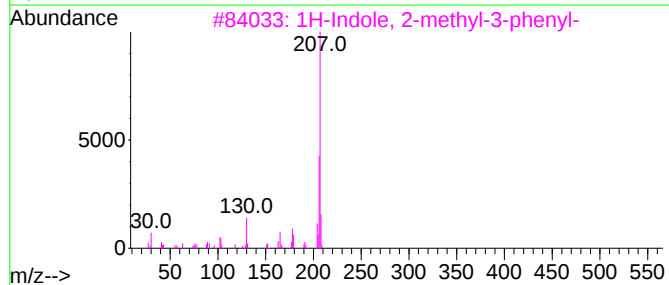
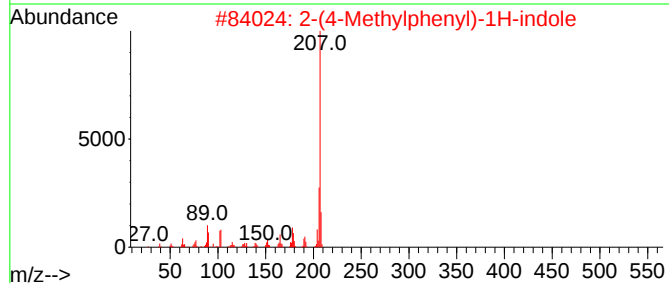
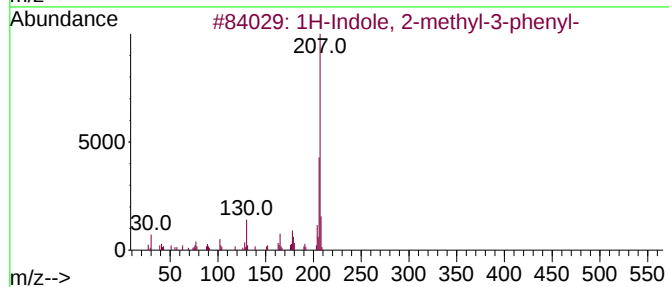
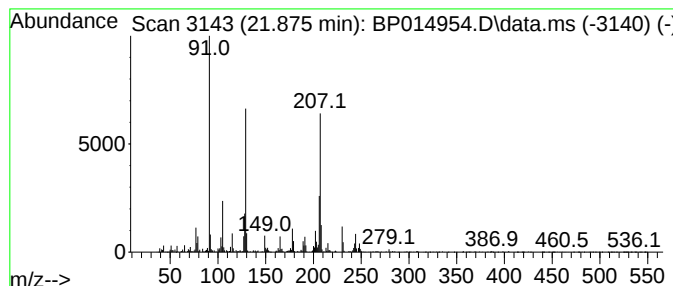
Instrument :
BNA_P
ClientSampleId :
EW912

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 17 1H-Indole, 2-methyl-3-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.875	2.44 ng/ul	835076	Chrysene-d12		21.645	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Indole, 2-methyl-3-phenyl-		207	C15H13N	004757-69-1	50
2	2-(4-Methylphenyl)-1H-indole		207	C15H13N	055577-25-8	50
3	1H-Indole, 2-methyl-3-phenyl-		207	C15H13N	004757-69-1	50
4	1H-Indole, 1-methyl-2-phenyl-		207	C15H13N	003558-24-5	46
5	1-Propene, 3-(2-cyclopentenyl)-2...		274	C21H22	1010154-23-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014954.D
Acq On : 04 May 2023 16:07
Operator : CG/JU
Sample : 02447-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW912

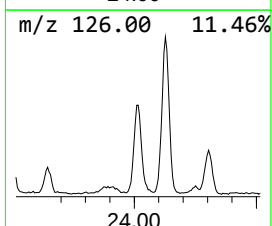
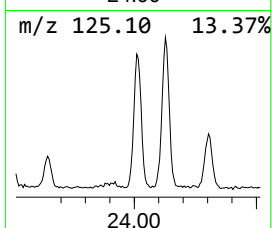
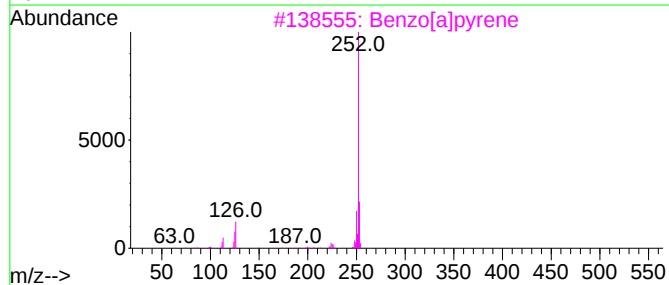
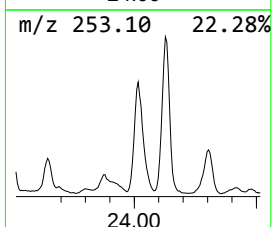
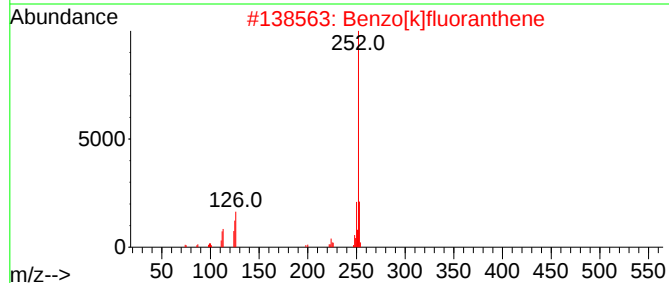
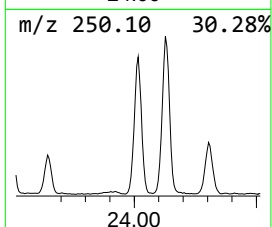
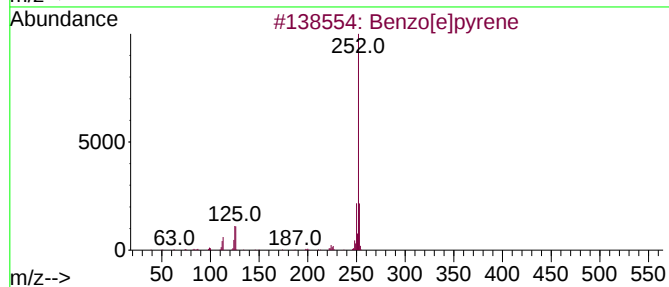
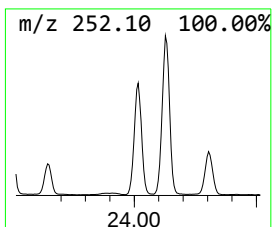
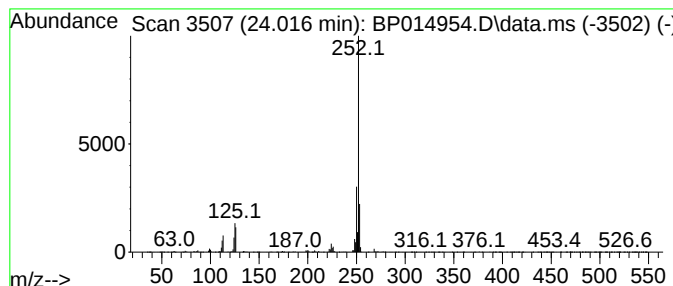
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Quant Title : SVOA CALIBRATION

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.
24.016	13.50 ng/ul	1908230	Perylene-d12	24.251

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014954.D
 Acq On : 04 May 2023 16:07
 Operator : CG/JU
 Sample : 02447-07 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW912

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
Bicyclo[4.2.0]o...	6.111	3.9	ng/ul	309658	1	8.169	1591290	20.0
1,1'-Biphenyl, ...	18.145	6.8	ng/ul	922472	4	17.563	2693590	20.0
Phenanthrene, 4...	18.422	4.1	ng/ul	557795	4	17.563	2693590	20.0
Phenanthrene, 2...	18.469	4.4	ng/ul	594837	4	17.563	2693590	20.0
unknown-01	18.604	8.7	ng/ul	1167040	4	17.563	2693590	20.0
Phenanthrene, 1...	18.645	3.6	ng/ul	484070	4	17.563	2693590	20.0
1,1'-Biphenyl, ...	18.875	2.2	ng/ul	294853	4	17.563	2693590	20.0
5,16[1',2']:8,1...	18.898	2.2	ng/ul	295780	4	17.563	2693590	20.0
Phenanthrene, 2...	19.298	2.5	ng/ul	340279	4	17.563	2693590	20.0
1,1'-Biphenyl, ...	19.339	2.2	ng/ul	296059	4	17.563	2693590	20.0
Biphenyl, 2,4,4...	19.387	2.8	ng/ul	377385	4	17.563	2693590	20.0
1,1'-Biphenyl, ...	19.428	5.1	ng/ul	682445	4	17.563	2693590	20.0
unknown-02	21.316	4.0	ng/ul	1363470	5	21.645	6851170	20.0
11H-Benzo[a]flu...	21.410	2.0	ng/ul	692624	5	21.645	6851170	20.0
Phthalic acid, ...	21.763	2.3	ng/ul	772996	5	21.645	6851170	20.0
Cyclopenta(cd)p...	21.822	3.0	ng/ul	1033130	5	21.645	6851170	20.0
1H-Indole, 2-me...	21.875	2.4	ng/ul	835076	5	21.645	6851170	20.0
Benzo[e]pyrene	24.016	13.5	ng/ul	1908230	6	24.251	2826500	20.0