

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015726.D
 Acq On : 26 Jun 2023 21:50
 Operator : MA/JU
 Sample : 03083-12DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL0DL

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-BP062623.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP015726.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.670	80	82	83	rBV2	3449	2841	0.10%	0.010%
2	3.858	112	114	123	rBV2	26656	52676	1.86%	0.180%
3	3.934	124	127	133	rVB2	27020	37351	1.32%	0.128%
4	4.052	145	147	154	rVB5	6818	10816	0.38%	0.037%
5	4.152	162	164	169	rVB	6888	8856	0.31%	0.030%
6	4.393	203	205	213	rVB4	9423	13992	0.49%	0.048%
7	4.587	235	238	243	rVB6	3772	4813	0.17%	0.016%
8	4.740	262	264	267	rVB4	3529	2855	0.10%	0.010%
9	5.105	322	326	329	rBV6	2960	5257	0.19%	0.018%
10	5.234	344	348	354	rBV9	2860	5379	0.19%	0.018%
11	5.899	457	461	467	rVB9	2079	3731	0.13%	0.013%
12	5.987	474	476	481	rBV6	2021	3063	0.11%	0.010%
13	6.452	550	555	558	rVB7	2633	3981	0.14%	0.014%
14	7.246	683	690	703	rBV3	45205	147394	5.19%	0.503%
15	7.393	709	715	727	rBV	60354	117266	4.13%	0.401%
16	7.599	743	750	770	rVB	82007	177045	6.24%	0.605%
17	8.063	822	829	842	rBV	484447	896140	31.56%	3.061%
18	8.810	949	956	976	rBV2	52941	181131	6.38%	0.619%
19	9.263	1025	1033	1046	rBV	58815	153536	5.41%	0.524%
20	9.604	1089	1091	1097	rVB7	3191	4601	0.16%	0.016%
21	9.993	1150	1157	1171	rBV4	40383	130351	4.59%	0.445%
22	10.575	1248	1256	1267	rBV2	44316	155523	5.48%	0.531%
23	10.893	1301	1310	1331	rBV	602213	1304623	45.95%	4.456%
24	11.099	1337	1345	1357	rBV3	17511	60716	2.14%	0.207%
25	11.310	1379	1381	1387	rVB7	2729	3601	0.13%	0.012%
26	11.634	1428	1436	1439	rBV9	5329	11897	0.42%	0.041%
27	12.575	1590	1596	1605	rBV5	9425	22550	0.79%	0.077%
28	12.781	1624	1631	1638	rBV3	11442	27053	0.95%	0.092%
29	13.516	1754	1756	1759	rBV4	2146	3006	0.11%	0.010%
30	13.598	1761	1770	1779	rVB5	17292	38872	1.37%	0.133%
31	13.769	1795	1799	1804	rVB8	3002	5832	0.21%	0.020%
32	13.898	1813	1821	1829	rBV8	7598	25590	0.90%	0.087%
33	14.040	1840	1845	1850	rBV4	13488	26764	0.94%	0.091%
34	14.087	1850	1853	1854	rVV3	7397	7413	0.26%	0.025%
35	14.128	1854	1860	1872	rVB	175448	303837	10.70%	1.038%
36	14.281	1881	1886	1887	rBV5	4650	6857	0.24%	0.023%

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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-BP062623.MA.M
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37	14.410	1902	1908	1922	rBV	219617	392243	13.81%	1.340%
38	14.716	1953	1960	1966	rBV	929082	1482106	52.20%	5.062%
39	14.781	1966	1971	1979	rVB	112804	191426	6.74%	0.654%
40	14.881	1985	1988	1990	rBV4	2839	3645	0.13%	0.012%
41	15.028	2009	2013	2016	rBV6	10370	17303	0.61%	0.059%
42	15.128	2025	2030	2038	rBV	38627	68694	2.42%	0.235%
43	15.192	2038	2041	2050	rVB10	9429	19071	0.67%	0.065%
44	15.716	2124	2130	2136	rBV	251512	414934	14.61%	1.417%
45	15.775	2136	2140	2149	rVB	82287	140896	4.96%	0.481%
46	15.887	2154	2159	2164	rBV5	26454	56950	2.01%	0.195%
47	16.081	2186	2192	2202	rBV2	85183	159167	5.61%	0.544%
48	16.216	2211	2215	2223	rBV3	21558	44059	1.55%	0.150%
49	16.639	2285	2287	2292	rVB3	14066	17147	0.60%	0.059%
50	17.145	2367	2373	2379	rBV	58778	102645	3.62%	0.351%
51	17.198	2379	2382	2389	rVV5	19643	42549	1.50%	0.145%
52	17.292	2394	2398	2405	rVB	55569	81611	2.87%	0.279%
53	17.475	2423	2429	2433	rBV	968836	1501673	52.89%	5.129%
54	17.516	2433	2436	2442	rVV	1166521	1708426	60.17%	5.835%
55	17.581	2442	2447	2450	rVV	245361	423066	14.90%	1.445%
56	17.616	2450	2453	2459	rVV	227337	335585	11.82%	1.146%
57	17.686	2462	2465	2470	rVB3	18873	31924	1.12%	0.109%
58	17.886	2493	2499	2510	rBV	156947	324620	11.43%	1.109%
59	17.986	2514	2516	2519	rBV2	13509	15670	0.55%	0.054%
60	18.333	2570	2575	2580	rBV2	239374	379989	13.38%	1.298%
61	18.386	2580	2584	2590	rVV2	147596	231652	8.16%	0.791%
62	18.463	2595	2597	2603	rVV2	48550	75831	2.67%	0.259%
63	18.528	2603	2608	2612	rBV2	165681	272420	9.59%	0.930%
64	18.816	2653	2657	2663	rBV	106301	203132	7.15%	0.694%
65	18.875	2664	2667	2675	rVB	89318	128560	4.53%	0.439%
66	19.216	2722	2725	2728	rVB2	69191	71210	2.51%	0.243%
67	19.475	2764	2769	2777	rBV	1999961	2666392	93.91%	9.107%
68	19.804	2820	2825	2826	rBV2	600104	795818	28.03%	2.718%
69	19.827	2826	2829	2835	rVB	1366505	1924831	67.79%	6.575%
70	21.051	3033	3037	3043	rBV	235664	335973	11.83%	1.148%
71	21.204	3060	3063	3066	rBV2	234295	335263	11.81%	1.145%
72	21.345	3084	3087	3091	rVB	227251	276840	9.75%	0.946%
73	21.563	3117	3124	3128	rBV3	1311647	2833003	99.78%	9.677%
74	21.604	3128	3131	3140	rVB	837079	1137275	40.05%	3.885%
75	23.333	3419	3425	3439	rVB	879702	2839369	100.00%	9.698%
76	23.886	3515	3519	3524	rBV	354618	569146	20.04%	1.944%

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Title : SVOA CALIBRATION

77	23.998	3534	3538	3547	rVB	649115	1291034	45.47%	4.410%
78	24.115	3552	3558	3563	rBV	663304	1366743	48.14%	4.668%

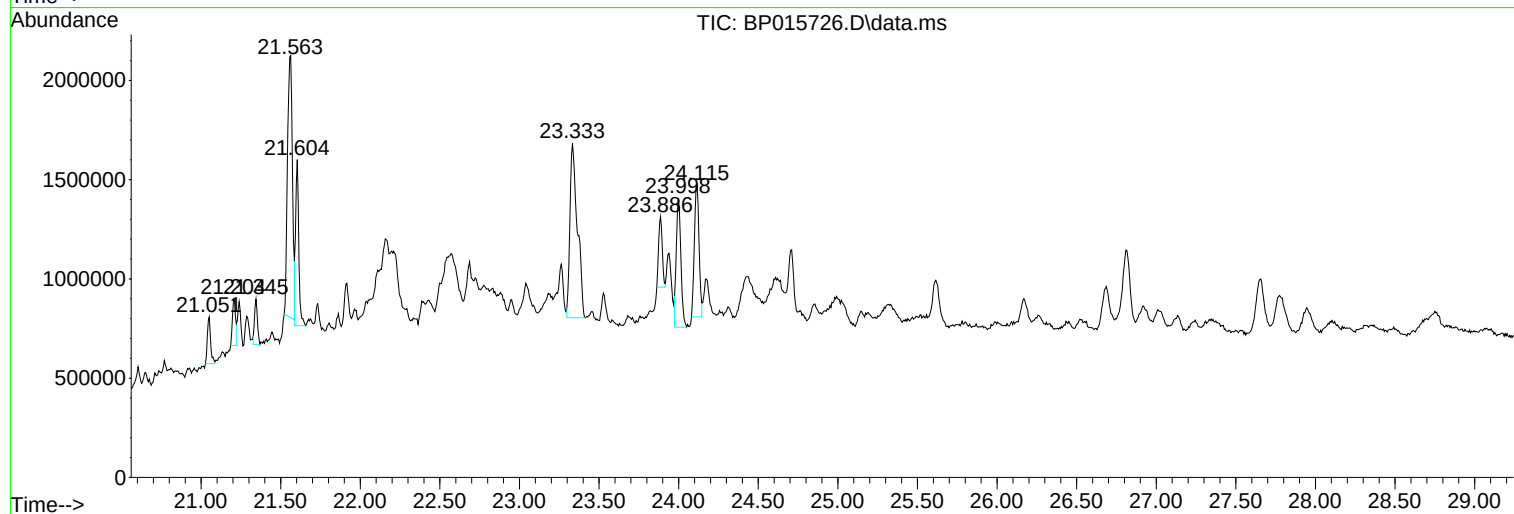
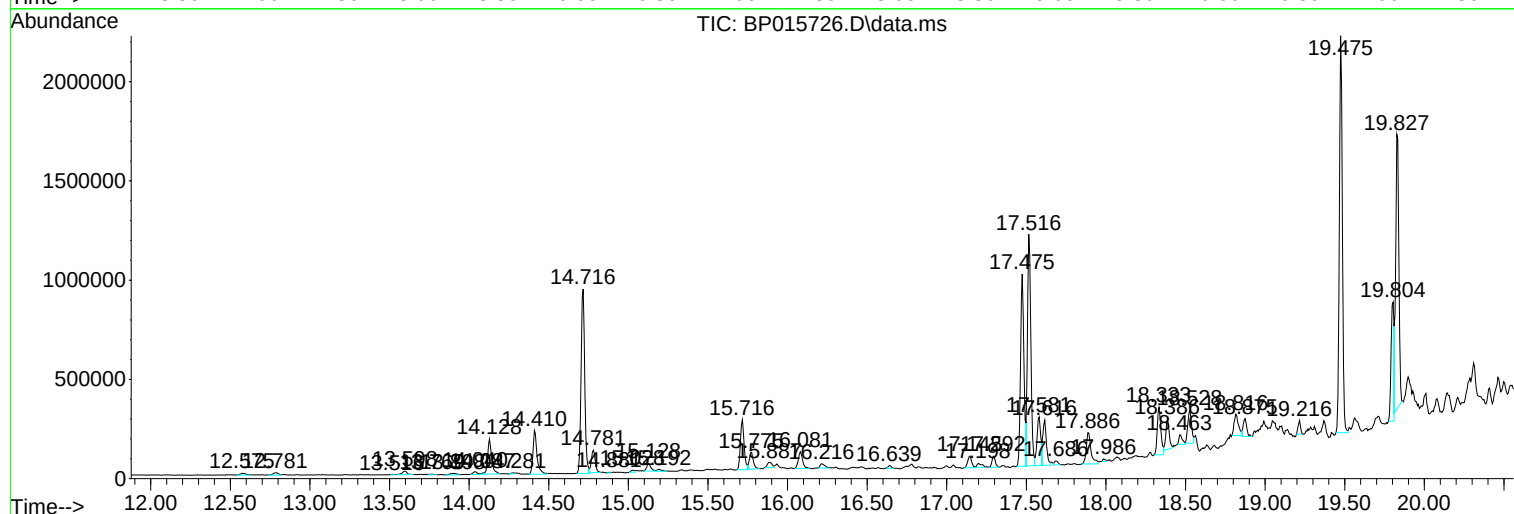
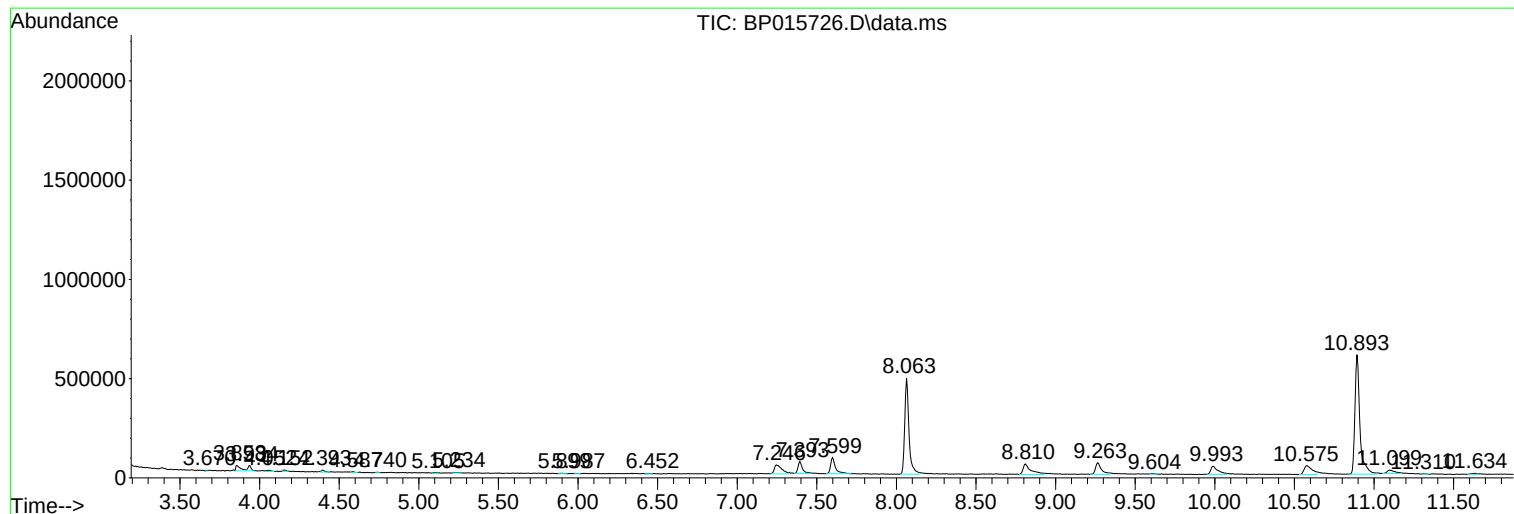
Sum of corrected areas: 29277100

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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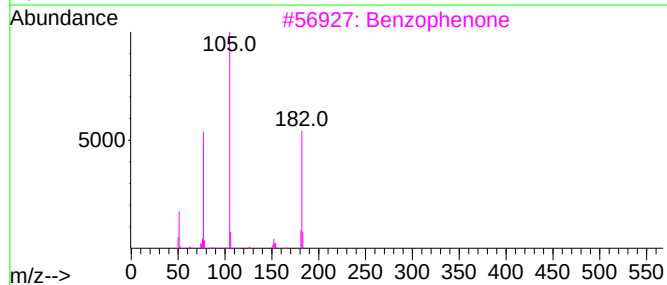
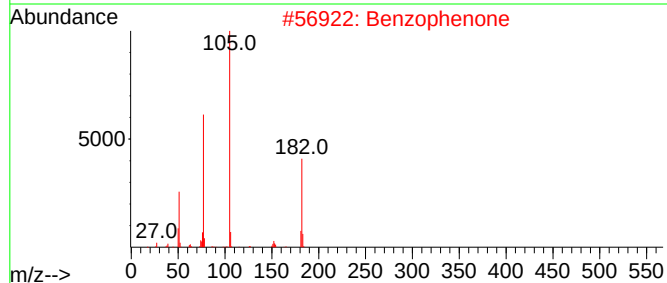
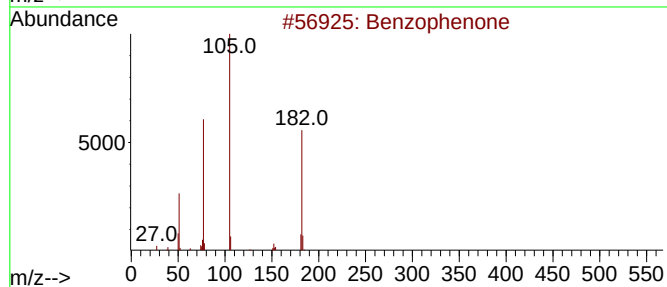
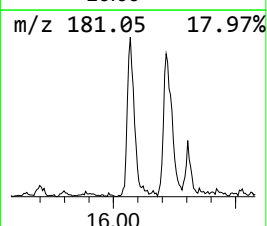
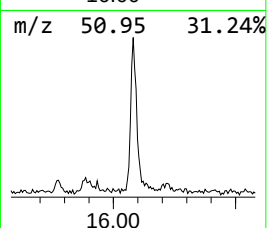
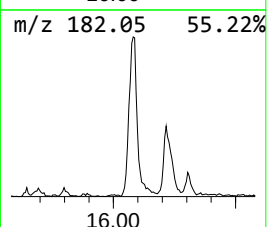
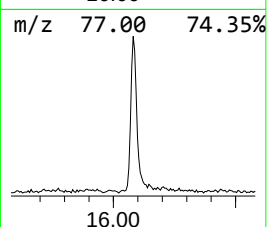
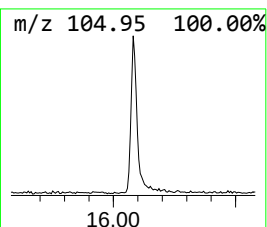
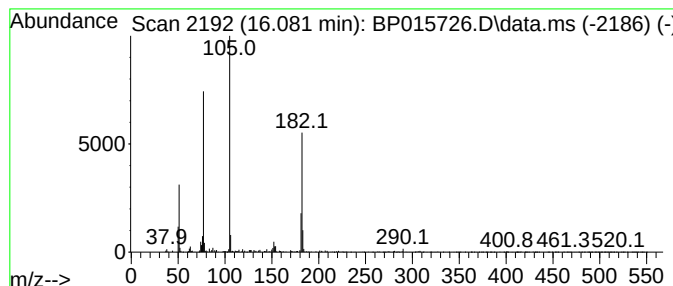
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.081	2.15 ng/ul	159167	Acenaphthene-d10	14.716

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Benzophenone	182	C13H10O	000119-61-9	94
3			Benzophenone	182	C13H10O	000119-61-9	93
4			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	83
5			Benzophenone	182	C13H10O	000119-61-9	78



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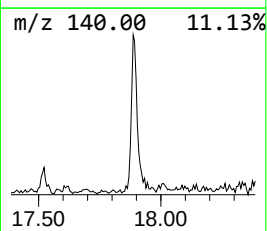
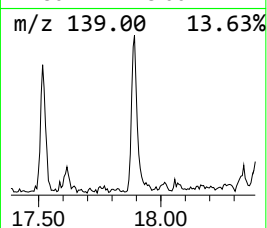
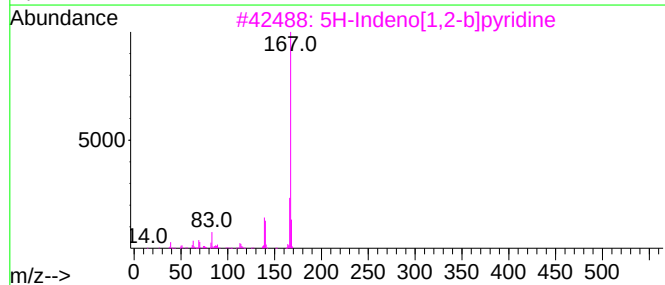
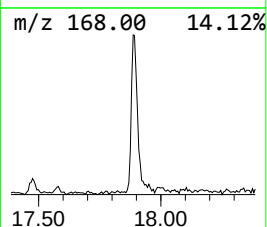
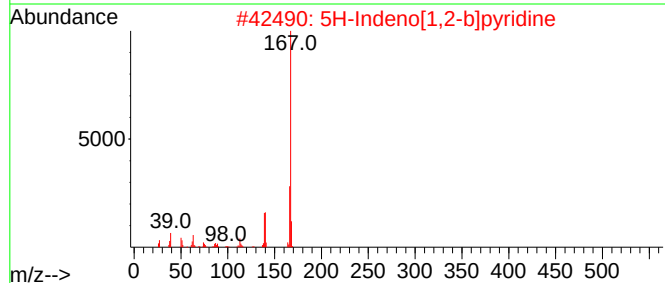
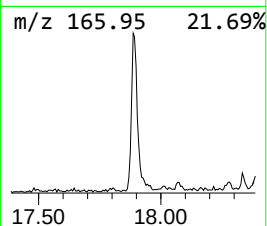
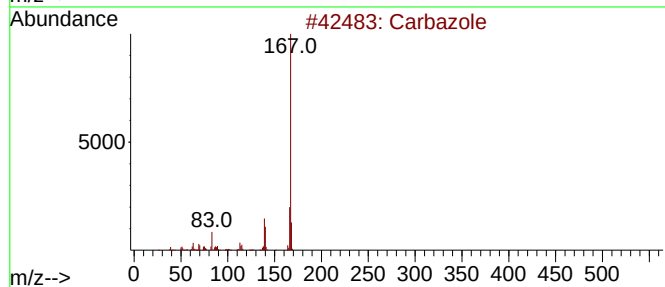
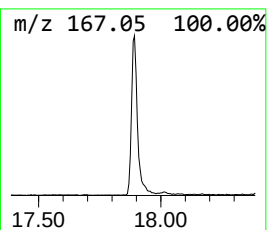
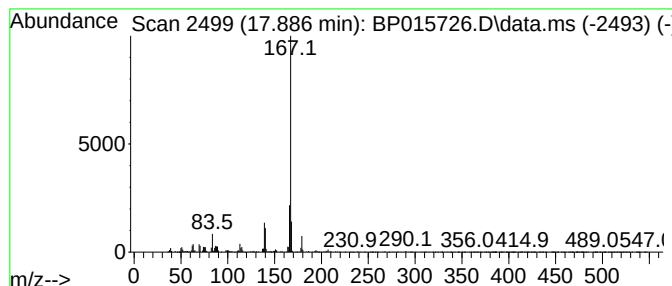
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Carba zole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	4.32 ng/ul	324620	Phenanthrene-d10	17.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbazole	167	C12H9N	000086-74-8	95
2			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
3			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
4			Carbazole	167	C12H9N	000086-74-8	90
5			9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87



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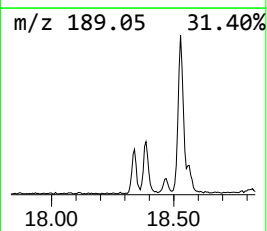
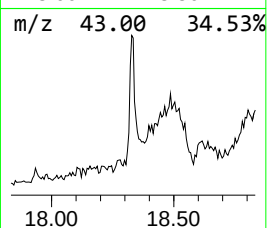
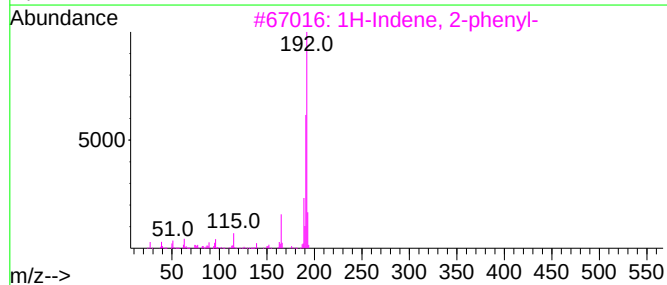
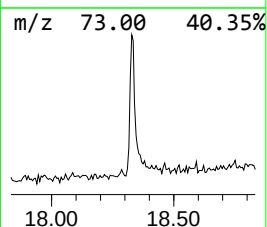
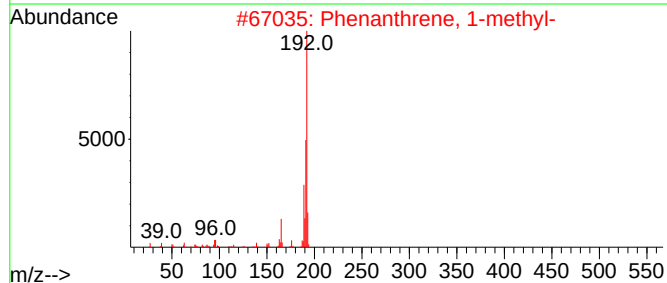
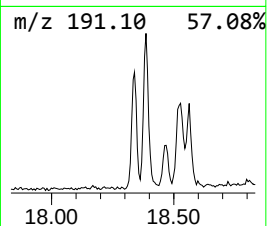
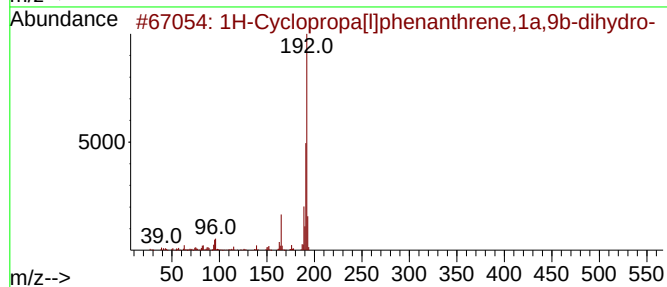
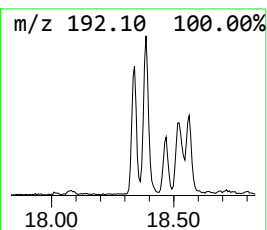
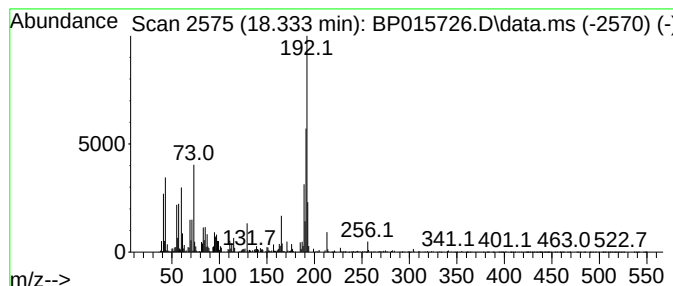
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.333	5.06 ng/ul	379989	Phenanthrene-d10	17.475	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92



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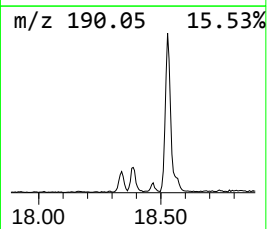
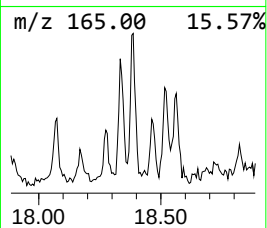
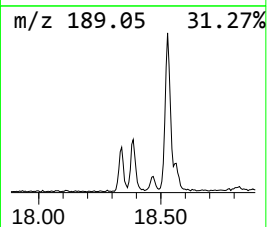
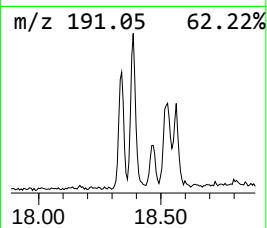
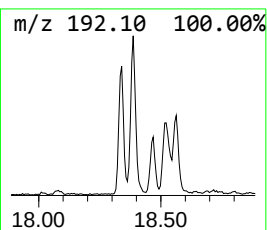
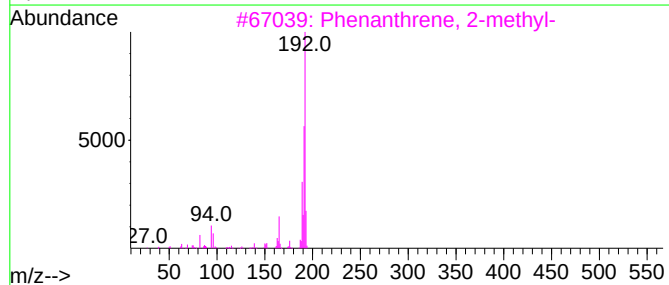
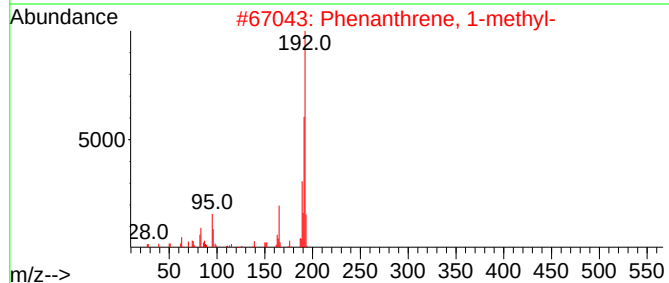
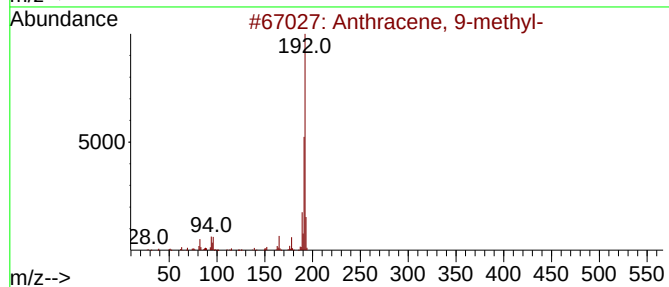
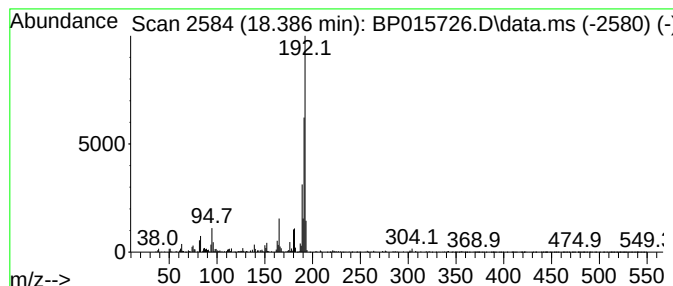
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	3.09 ng/ul	231652	Phenanthrene-d10	17.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015726.D
Acq On : 26 Jun 2023 21:50
Operator : MA/JU
Sample : 03083-12DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

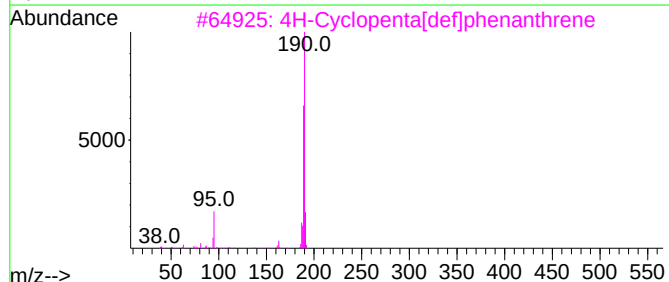
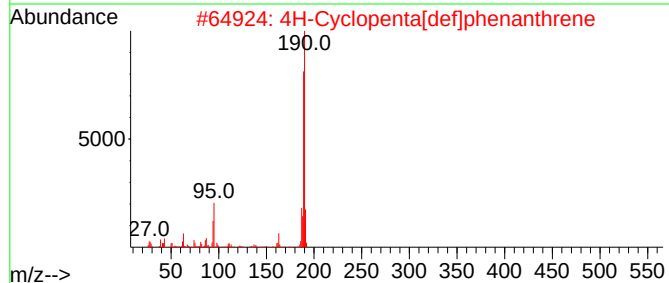
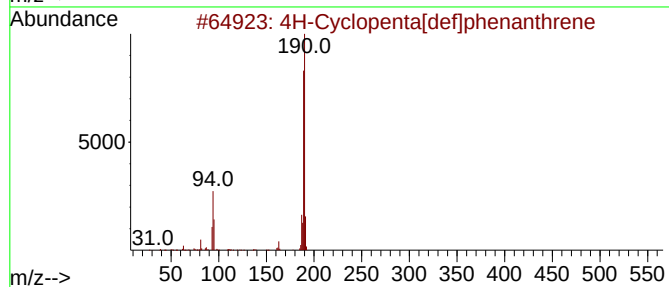
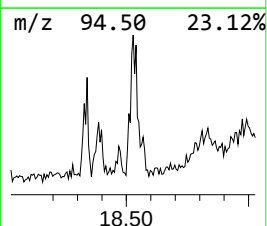
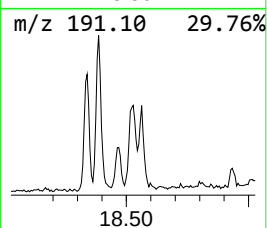
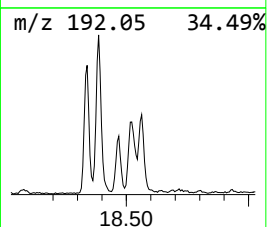
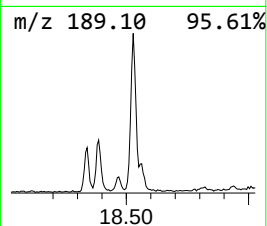
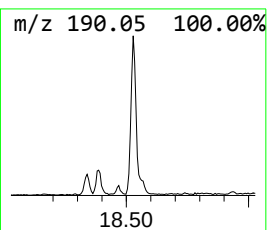
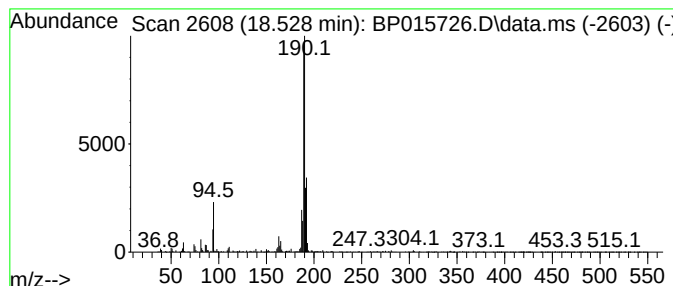
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.528	3.63 ng/ul	272420	Phenanthrene-d10	17.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4			Methyl diselenide	190	C2H6Se2	007101-31-7	49
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015726.D
Acq On : 26 Jun 2023 21:50
Operator : MA/JU
Sample : 03083-12DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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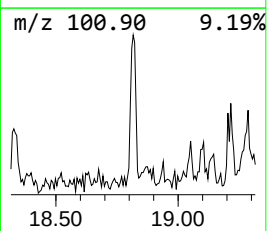
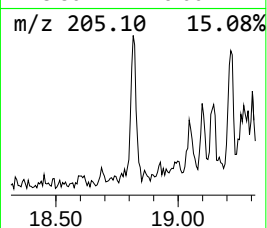
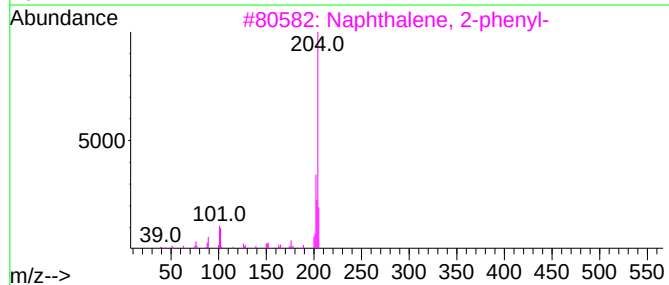
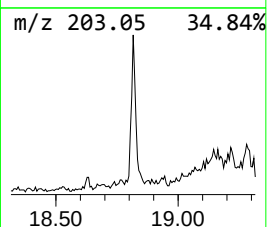
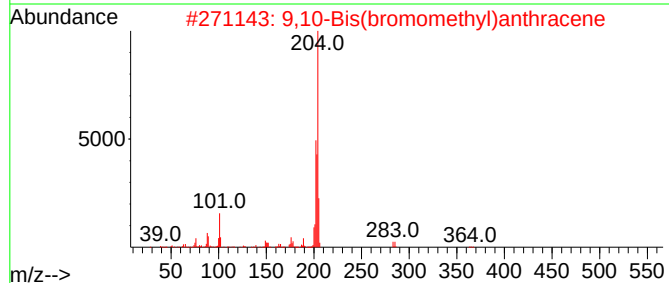
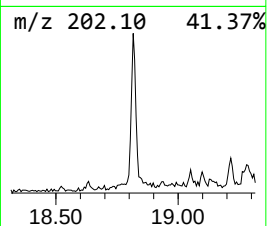
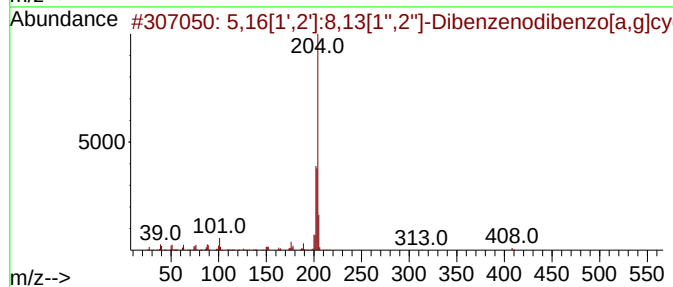
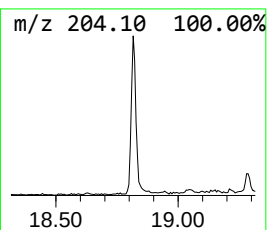
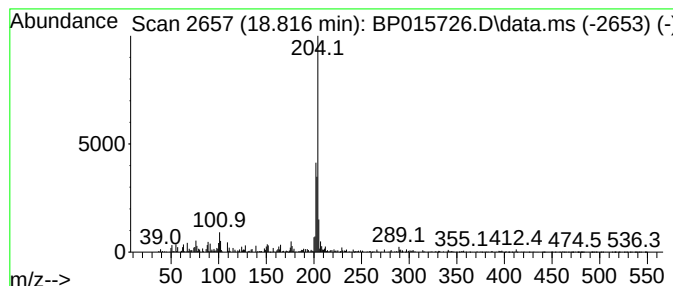
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.816	2.71 ng/ul	203132	Phenanthrene-d10	17.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87		
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78		
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70		
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015726.D
Acq On : 26 Jun 2023 21:50
Operator : MA/JU
Sample : 03083-12DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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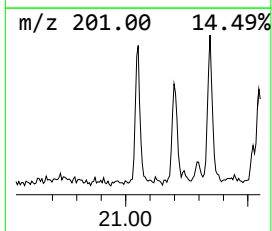
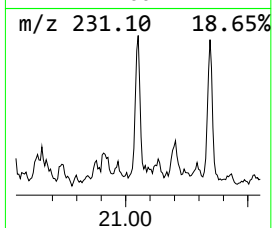
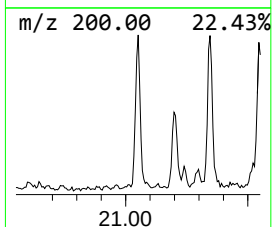
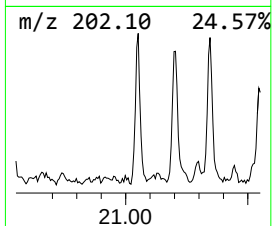
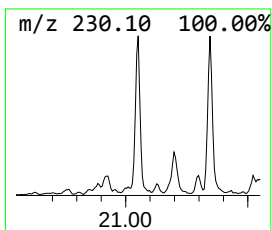
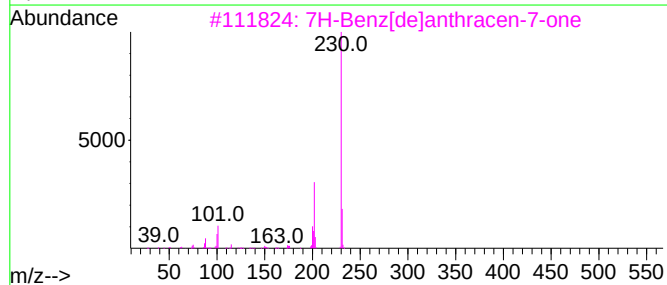
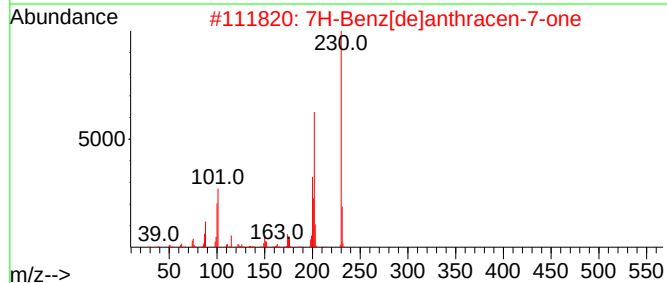
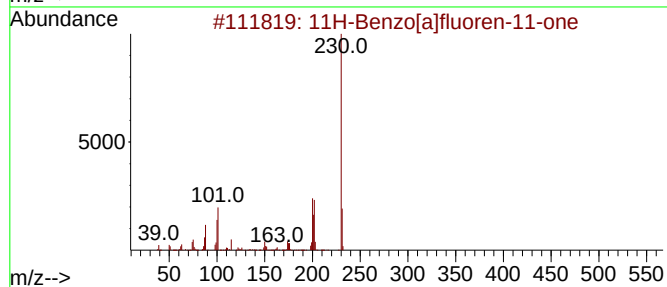
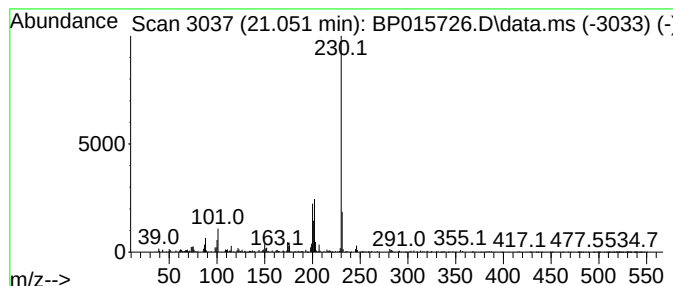
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.37 ng/ul	335973	Chrysene-d12	21.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015726.D
Acq On : 26 Jun 2023 21:50
Operator : MA/JU
Sample : 03083-12DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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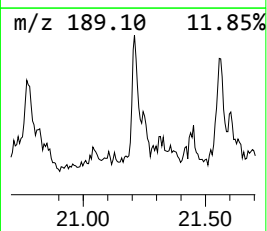
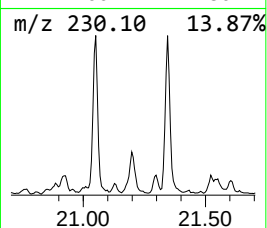
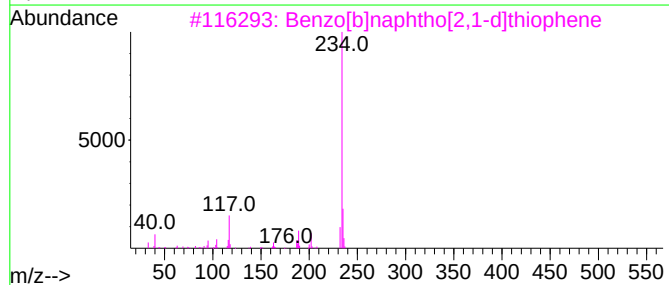
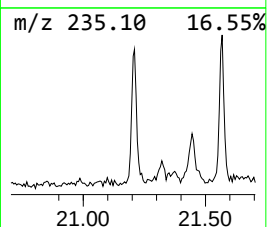
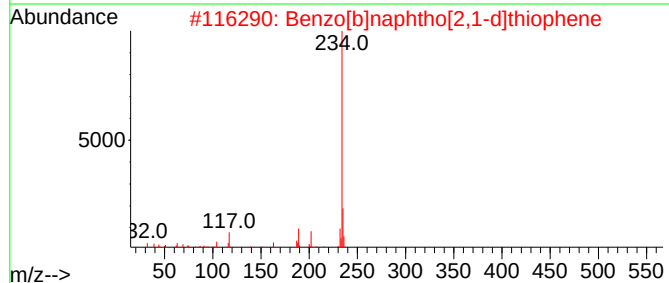
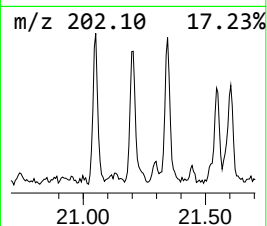
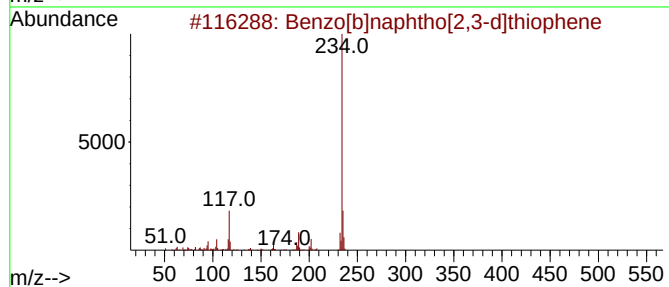
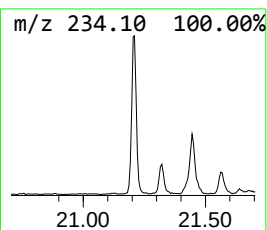
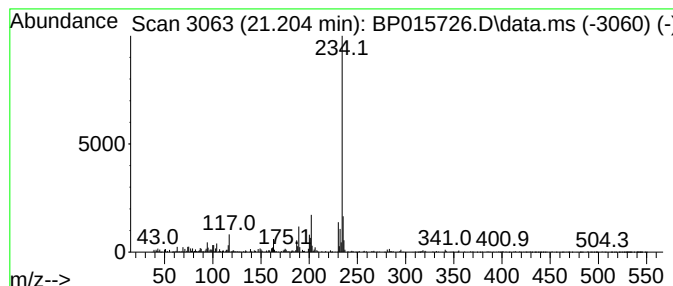
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.204	2.37 ng/ul	335263	Chrysene-d12	21.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
4			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015726.D
Acq On : 26 Jun 2023 21:50
Operator : MA/JU
Sample : 03083-12DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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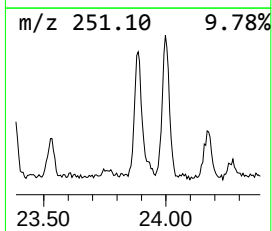
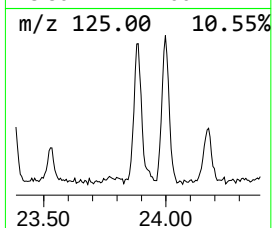
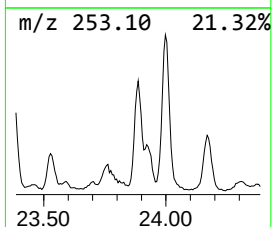
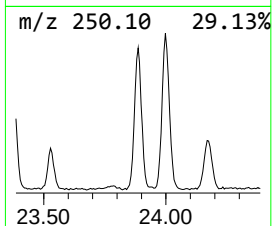
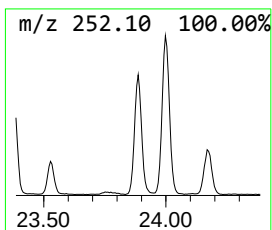
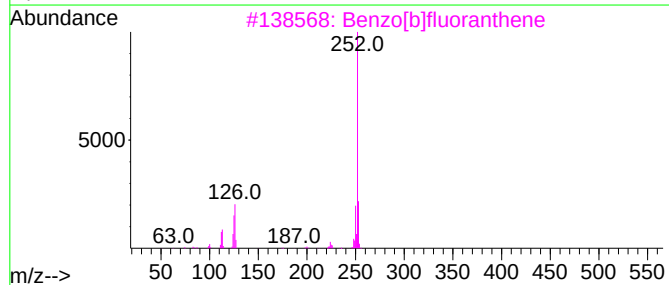
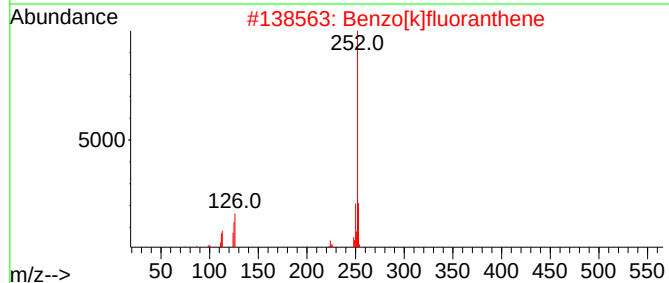
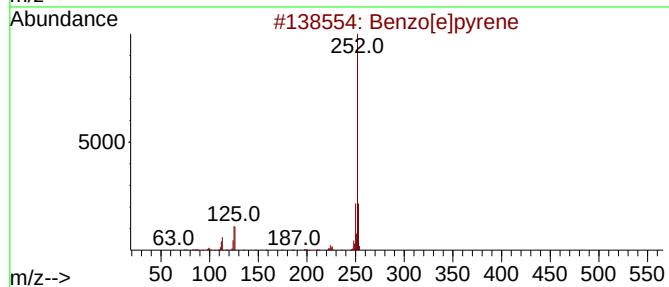
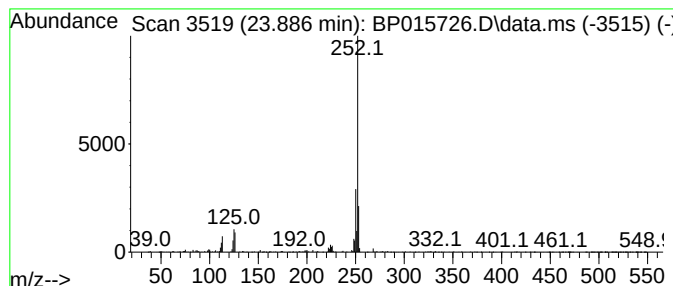
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.886	8.33 ng/ul	569146	Perylene-d12	24.116

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	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015726.D
Acq On : 26 Jun 2023 21:50
Operator : MA/JU
Sample : 03083-12DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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
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Carba zole	17.886	4.3	ng/ul	324620	4	17.475	1501670	20.0
1H-Cyclopropa[1...	18.333	5.1	ng/ul	379989	4	17.475	1501670	20.0
Anthracene, 9-m...	18.386	3.1	ng/ul	231652	4	17.475	1501670	20.0
4H-Cyclopenta[d...	18.528	3.6	ng/ul	272420	4	17.475	1501670	20.0
5,16[1',2']:8,1...	18.816	2.7	ng/ul	203132	4	17.475	1501670	20.0
11H-Benzo[a]flu...	21.051	2.4	ng/ul	335973	5	21.563	2833000	20.0
Benzo[b]naphtho...	21.204	2.4	ng/ul	335263	5	21.563	2833000	20.0
Benzo[e]pyrene	23.886	8.3	ng/ul	569146	6	24.116	1366740	20.0