

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
 Data File : BN023734.D
 Acq On : 20 Jan 2023 19:21
 Operator : CG/JU
 Sample : 01146-14ME
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4462ME

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_N\Methods\SFAM-EPA-BN010523.M
 Title : SVOA CALIBRATION

Signal : TIC: BN023734.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.699	101	104	131	rBV	360772	586351	1.13%	0.352%
2	7.052	668	674	688	rBV	546239	841079	1.61%	0.505%
3	7.222	697	703	712	rBV	436030	668086	1.28%	0.401%
4	7.416	730	736	746	rBV	539549	847060	1.63%	0.509%
5	7.893	810	817	825	rBV	747323	1145770	2.20%	0.688%
6	8.605	930	938	951	rBV	678353	1050920	2.02%	0.631%
7	9.058	1008	1015	1026	rBV	498422	816258	1.57%	0.490%
8	9.787	1131	1139	1150	rBV	411978	670776	1.29%	0.403%
9	10.322	1223	1230	1242	rBV	658517	1063301	2.04%	0.638%
10	10.705	1286	1295	1303	rBV	1042097	1685388	3.24%	1.012%
11	10.846	1311	1319	1334	rBV	671072	1137792	2.18%	0.683%
12	13.951	1841	1847	1861	rVB	1215085	1599875	3.07%	0.961%
13	14.234	1889	1895	1907	rVB	1359738	1900411	3.65%	1.141%
14	14.540	1940	1947	1958	rVB	1611462	2387339	4.58%	1.434%
15	14.663	1963	1968	1974	rVB	83002	111981	0.22%	0.067%
16	14.734	1974	1980	1997	rBV	493048	752959	1.45%	0.452%
17	15.369	2084	2088	2094	rVB	58971	81377	0.16%	0.049%
18	15.487	2103	2108	2111	rBV	76456	112967	0.22%	0.068%
19	15.534	2111	2116	2121	rVV	1764003	2440992	4.69%	1.466%
20	15.581	2121	2124	2131	rVV2	125816	173893	0.33%	0.104%
21	15.651	2131	2136	2143	rVV	349773	456863	0.88%	0.274%
22	15.745	2147	2152	2155	rVV	118002	168021	0.32%	0.101%
23	15.798	2155	2161	2162	rVV	2405950	3568241	6.85%	2.143%
24	15.822	2162	2165	2171	rVV	7008719	8758733	16.82%	5.259%
25	15.898	2172	2178	2189	rVB	371286	482644	0.93%	0.290%
26	16.128	2211	2217	2222	rBV	4655742	5836198	11.21%	3.504%
27	16.181	2222	2226	2230	rVV	61754	79998	0.15%	0.048%
28	16.234	2230	2235	2240	rVB	116639	151153	0.29%	0.091%
29	16.351	2250	2255	2259	rBV	57450	74655	0.14%	0.045%
30	16.398	2259	2263	2273	rVB	465810	665098	1.28%	0.399%
31	16.516	2277	2283	2290	rBV	1109926	1582004	3.04%	0.950%
32	16.816	2327	2334	2340	rBV	805732	1049194	2.01%	0.630%
33	17.163	2387	2393	2397	rBV	2806356	4152990	7.97%	2.494%
34	17.198	2397	2399	2405	rVV	2230419	2730808	5.24%	1.640%
35	17.281	2405	2413	2425	rVV2	2327552	5129249	9.85%	3.080%
36	17.387	2425	2431	2438	rVV	1877167	2585765	4.96%	1.553%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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37	17.463	2438	2444	2452	rVB	2400525	3555063	6.83%	2.135%
38	17.651	2473	2476	2485	rVB3	52216	85049	0.16%	0.051%
39	17.739	2485	2491	2494	rBV	877800	1156647	2.22%	0.695%
40	17.769	2494	2496	2502	rVB	431510	486478	0.93%	0.292%
41	17.892	2509	2517	2523	rBV	5704500	11041170	21.20%	6.630%
42	18.016	2530	2538	2544	rBV2	1702964	2631042	5.05%	1.580%
43	18.081	2544	2549	2554	rBV	191290	260421	0.50%	0.156%
44	18.139	2554	2559	2563	rVV	1995007	2566477	4.93%	1.541%
45	18.192	2563	2568	2576	rVB	667714	934437	1.79%	0.561%
46	18.304	2582	2587	2591	rBV	246245	323682	0.62%	0.194%
47	18.357	2591	2596	2602	rVV	2272051	3063467	5.88%	1.840%
48	18.422	2602	2607	2610	rVV	1669434	2267940	4.35%	1.362%
49	18.463	2610	2614	2620	rVB	1608565	2002480	3.84%	1.202%
50	18.645	2639	2645	2649	rBV	2115894	2927261	5.62%	1.758%
51	18.692	2649	2653	2657	rVB	802496	1084799	2.08%	0.651%
52	18.745	2657	2662	2665	rBV	1033605	1340546	2.57%	0.805%
53	18.781	2665	2668	2671	rVV	744505	956404	1.84%	0.574%
54	18.822	2671	2675	2680	rVB	1640124	2102774	4.04%	1.263%
55	18.916	2687	2691	2697	rVB	450988	586289	1.13%	0.352%
56	18.992	2699	2704	2709	rBV	71490	94247	0.18%	0.057%
57	19.063	2712	2716	2721	rVB	65634	85607	0.16%	0.051%
58	19.128	2721	2727	2731	rBV	570850	708451	1.36%	0.425%
59	19.181	2731	2736	2738	rVV	860915	1136541	2.18%	0.682%
60	19.216	2738	2742	2750	rVB2	838768	1225839	2.35%	0.736%
61	19.286	2750	2754	2757	rBV	78545	102467	0.20%	0.062%
62	19.428	2772	2778	2784	rBV	229441	479017	0.92%	0.288%
63	19.486	2784	2788	2795	rVV	156510	225499	0.43%	0.135%
64	19.551	2795	2799	2803	rVB2	50069	63934	0.12%	0.038%
65	19.681	2815	2821	2826	rBV	2244616	2933863	5.63%	1.762%
66	19.745	2830	2832	2838	rVV6	40121	62701	0.12%	0.038%
67	19.828	2842	2846	2850	rVV4	52008	68562	0.13%	0.041%
68	19.933	2860	2864	2867	rVV2	77464	103093	0.20%	0.062%
69	20.251	2915	2918	2922	rVB2	61118	65055	0.12%	0.039%
70	21.180	3072	3076	3088	rBV	791013	959520	1.84%	0.576%
71	21.416	3108	3116	3120	rBV2	24312868	52083835	100.00%	31.275%
72	21.480	3123	3127	3136	rVB	2208960	2804867	5.39%	1.684%
73	23.751	3506	3513	3528	rVB2	1646818	3320396	6.38%	1.994%
74	23.910	3533	3540	3549	rVB2	1405896	3094048	5.94%	1.858%

Sum of corrected areas: 166536157

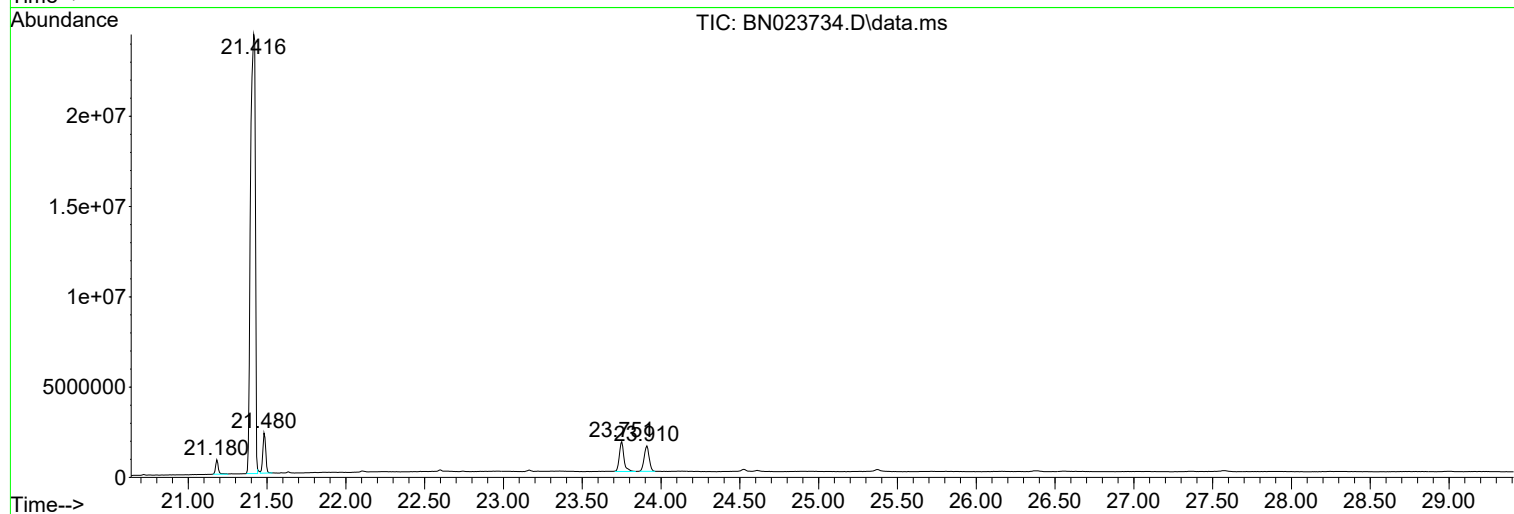
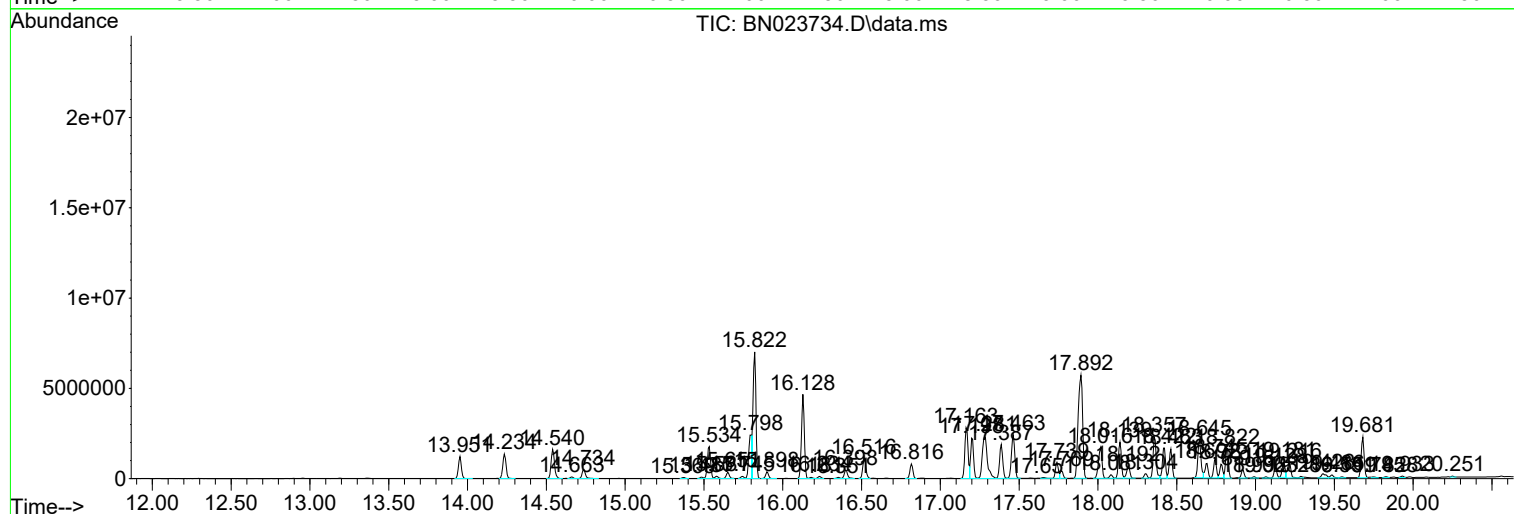
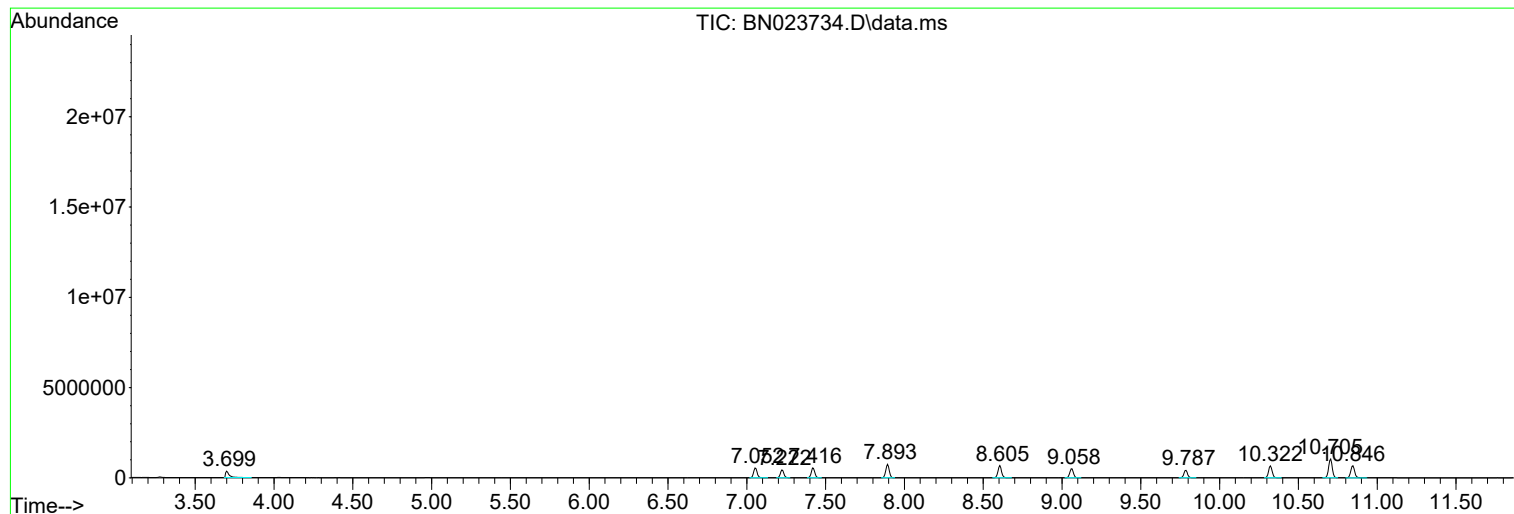
Instrument :
BNA_N
ClientSampleId :
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

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



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Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4462ME

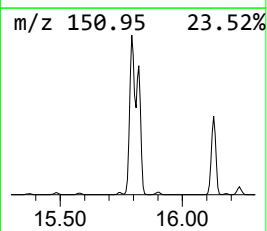
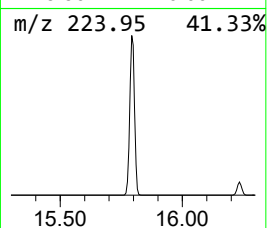
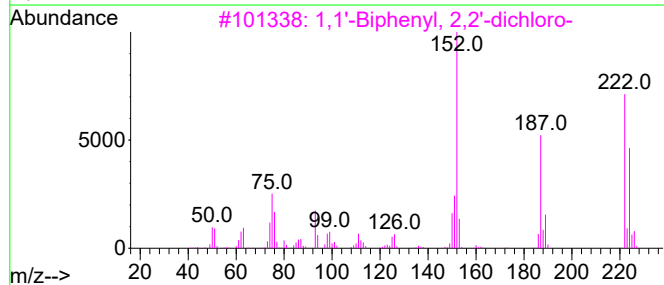
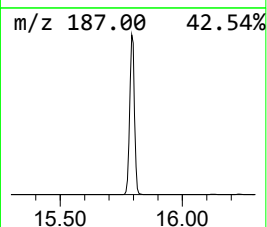
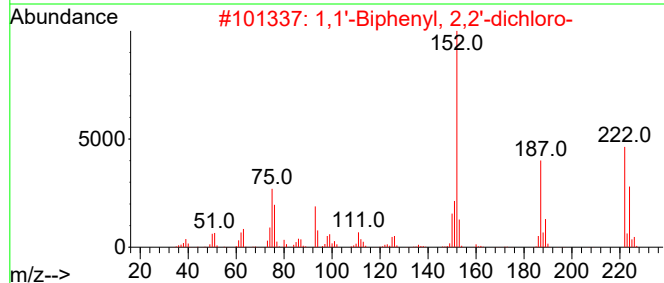
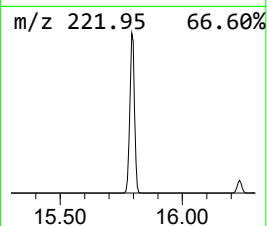
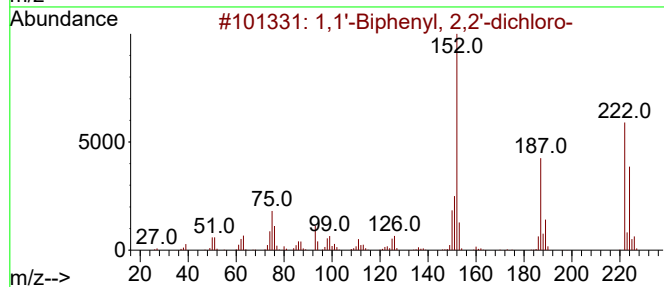
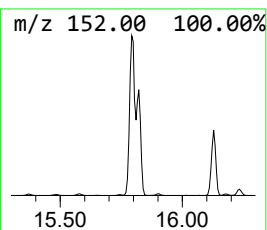
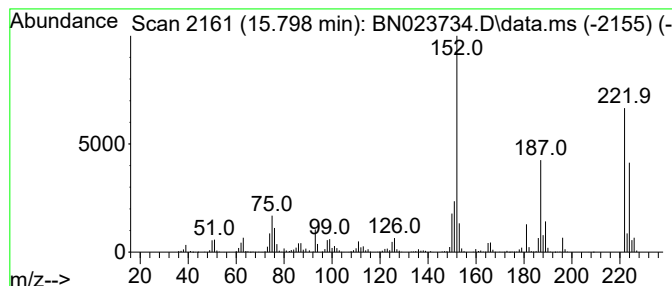
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.798	29.89 ng/ul	3568240	Acenaphthene-d10	14.540

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99		
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98		
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98		
4	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98		
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98		



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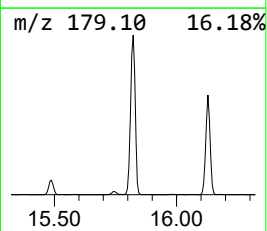
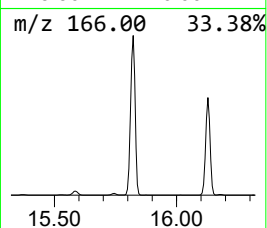
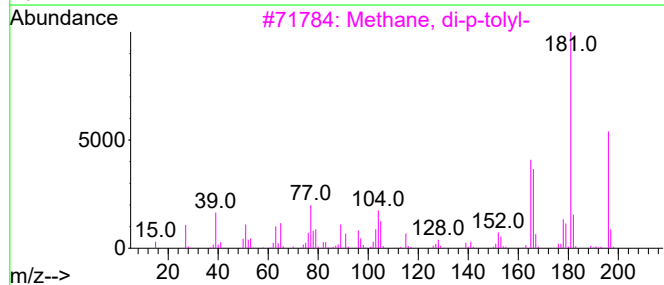
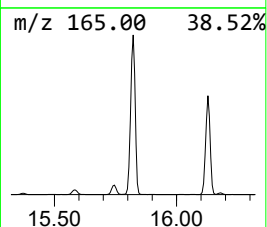
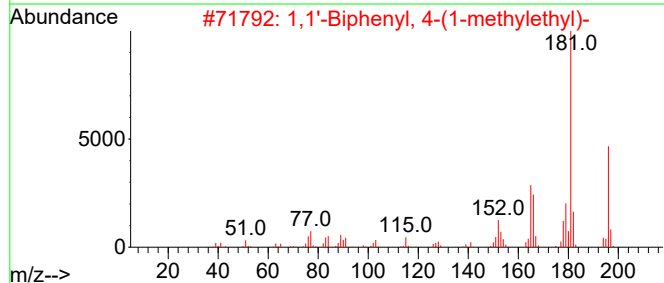
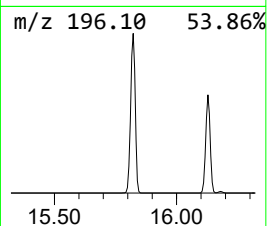
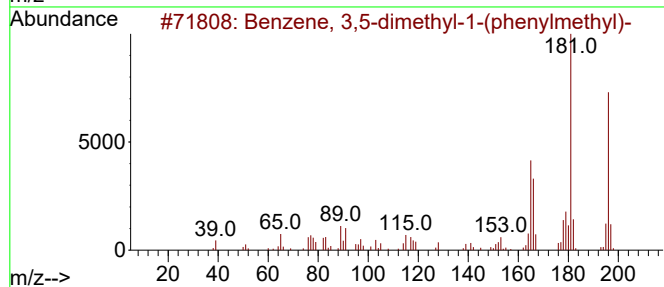
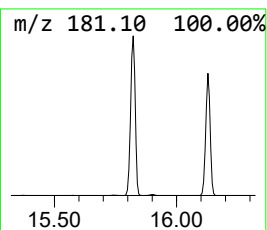
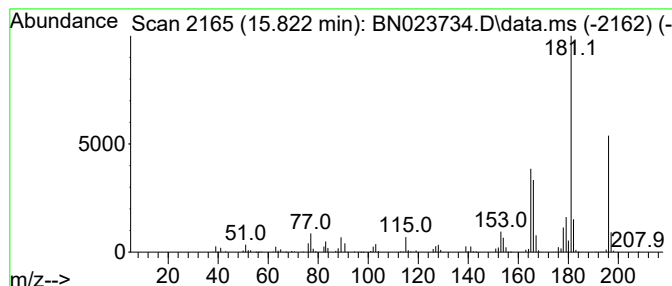
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 3,5-dimethyl-1-(ph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.822	73.38 ng/ul	8758730	Acenaphthene-d10	14.540

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	94
2			1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	93
3			Methane, di-p-tolyl-	196	C15H16	004957-14-6	91
4			1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	90
5			Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	90



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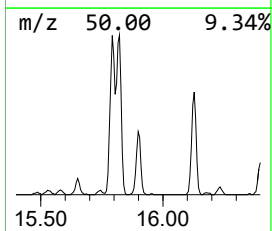
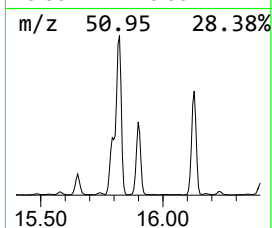
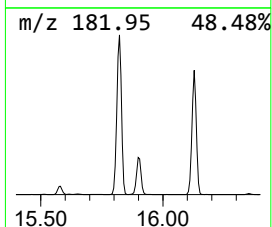
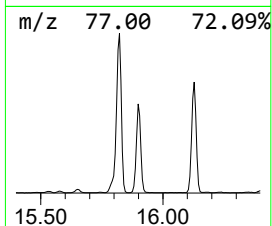
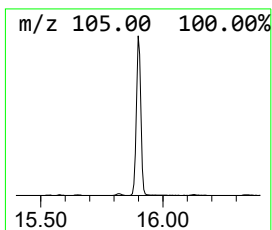
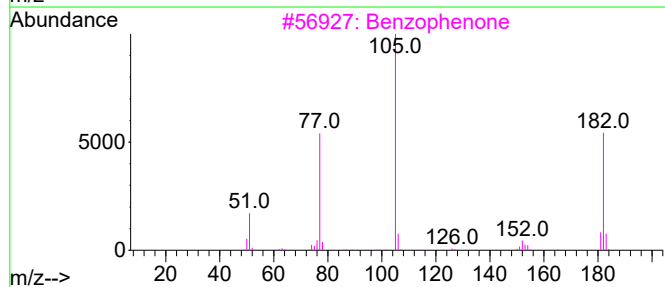
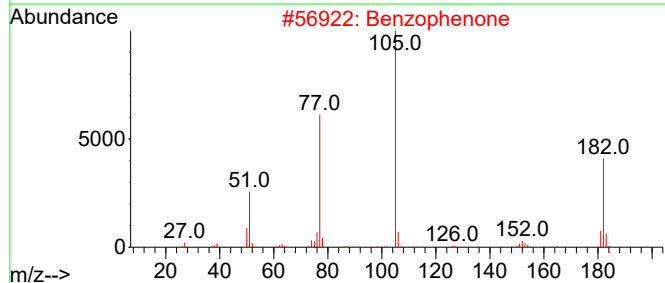
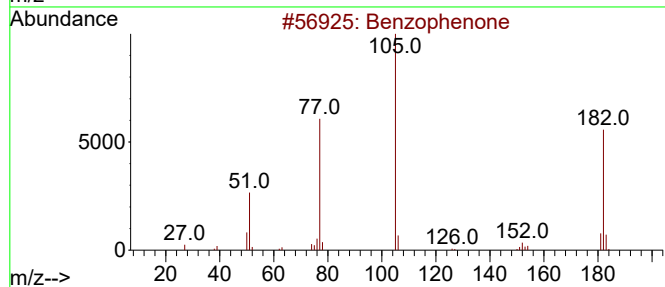
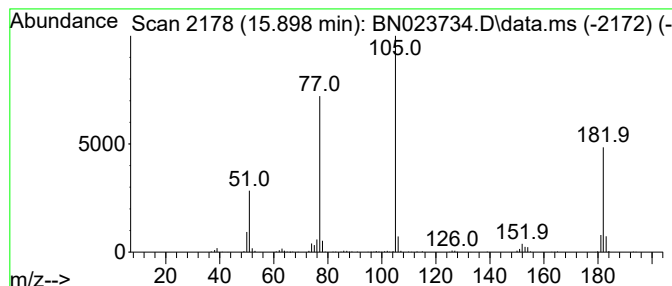
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.898	4.04 ng/ul	482644	Acenaphthene-d10	14.540

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzophenone	182	C13H10O	000119-61-9	96
3			Benzophenone	182	C13H10O	000119-61-9	95
4			Benzophenone	182	C13H10O	000119-61-9	91
5			Benzophenone	182	C13H10O	000119-61-9	91



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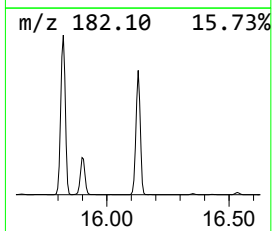
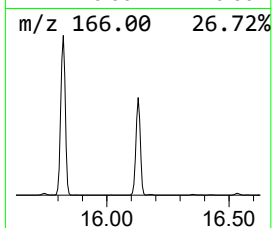
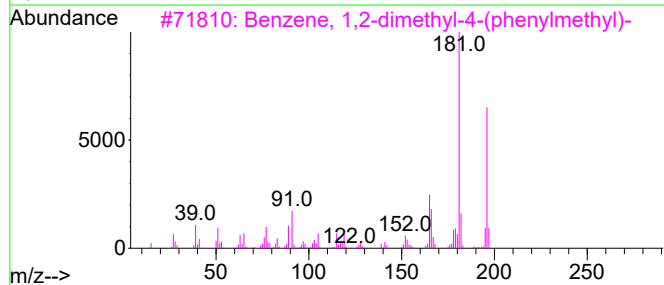
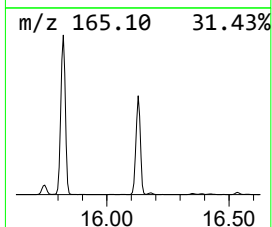
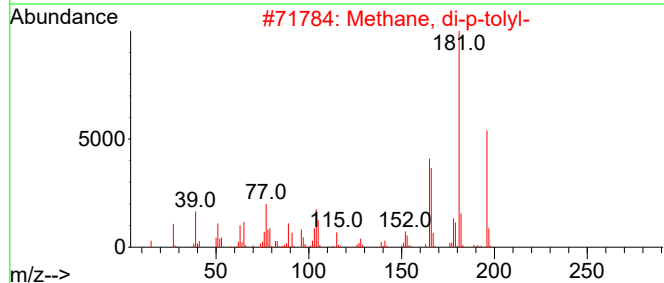
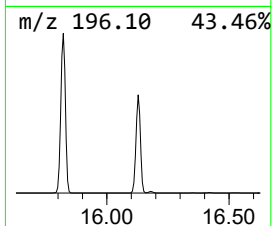
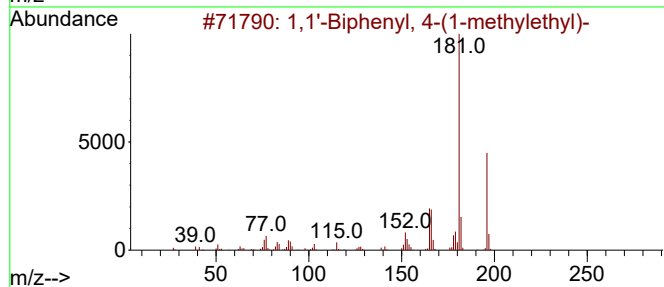
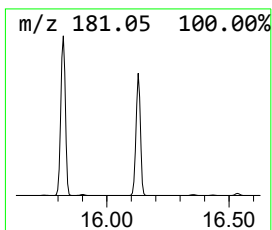
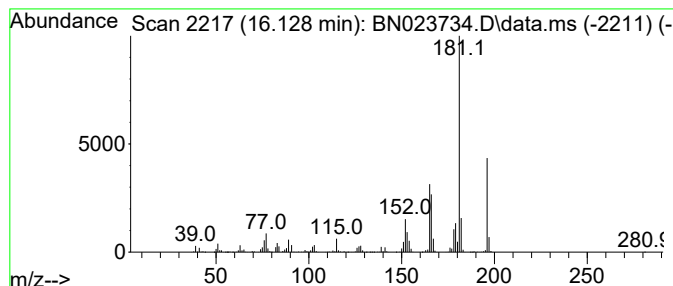
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.128	22.76 ng/ul	5836200	Phenanthrene-d10	17.287

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	96
2			Methane, di-p-tolyl-	196	C15H16	004957-14-6	94
3			Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	94
4			Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	91
5			Methane, di-p-tolyl-	196	C15H16	004957-14-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4462ME

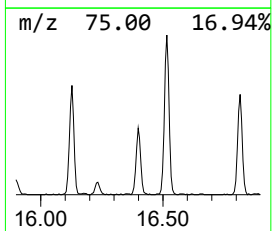
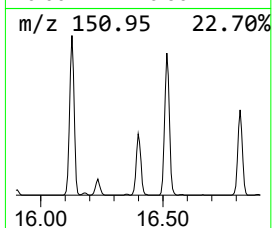
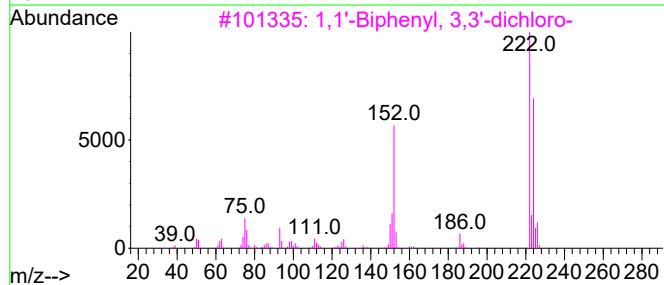
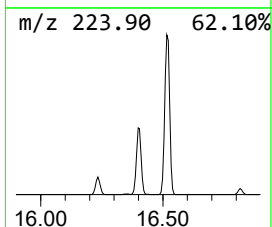
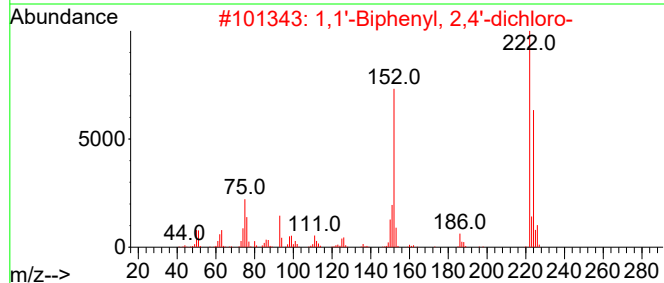
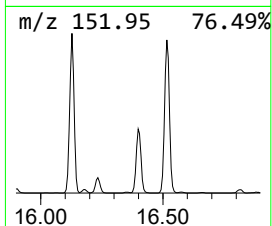
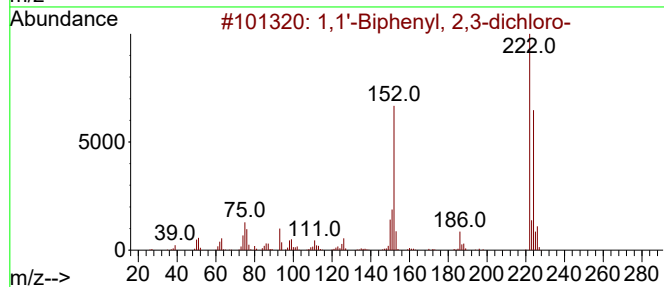
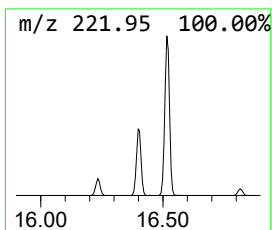
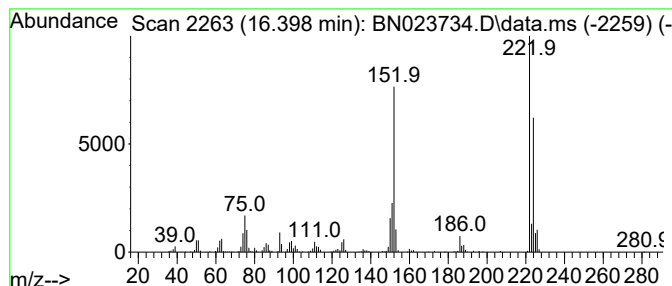
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.398	2.59 ng/ul	665098	Phenanthrene-d10	17.287

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99		
2	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	99		
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99		
4	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	98		
5	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	98		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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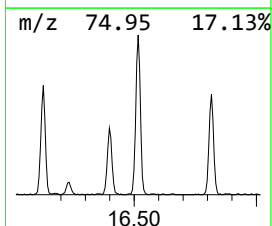
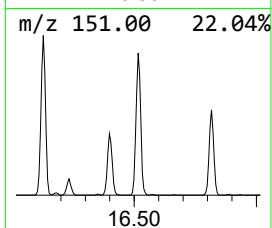
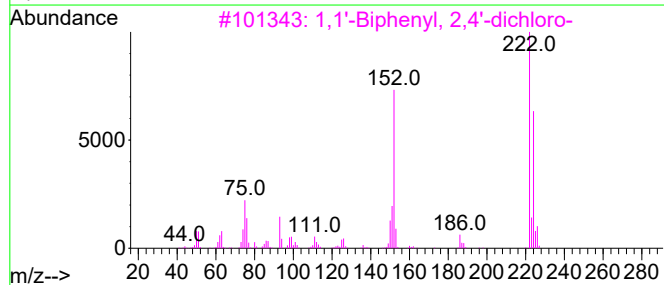
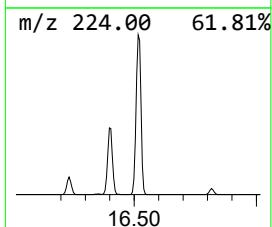
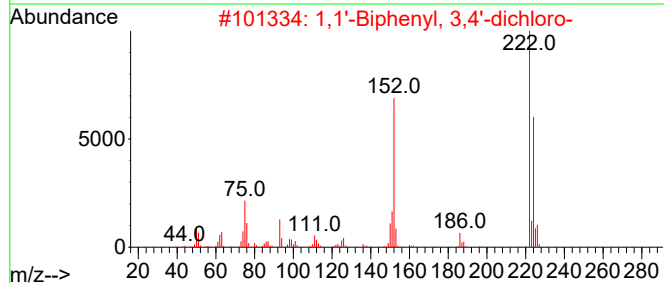
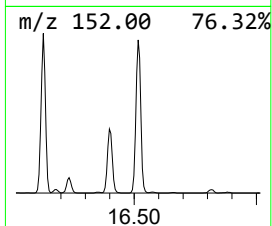
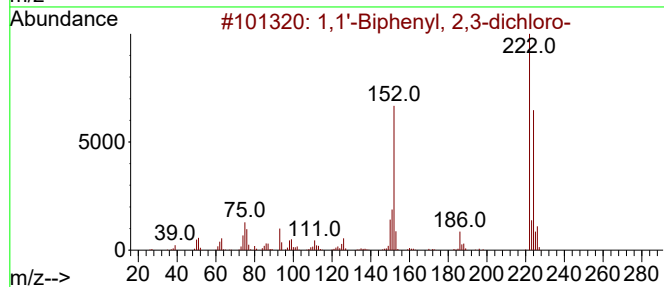
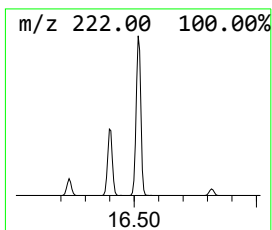
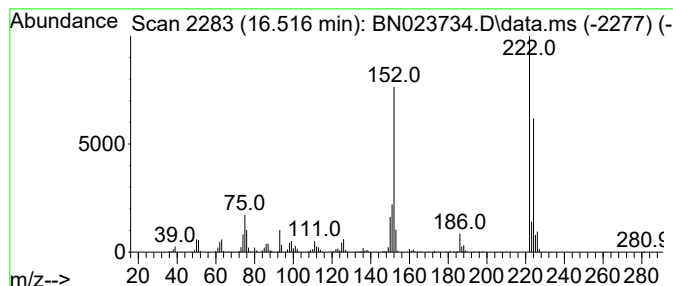
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 3,4'-dichloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.516	6.17 ng/ul	1582000	Phenanthrene-d10	17.287

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-			222	C12H8Cl2	016605-91-7	99
2	1,1'-Biphenyl, 3,4'-dichloro-			222	C12H8Cl2	002974-90-5	99
3	1,1'-Biphenyl, 2,4'-dichloro-			222	C12H8Cl2	034883-43-7	99
4	1,1'-Biphenyl 2,3'-dichloro-			222	C12H8Cl2	025569-80-6	99
5	1,1'-Biphenyl, 3,3'-dichloro-			222	C12H8Cl2	002050-67-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

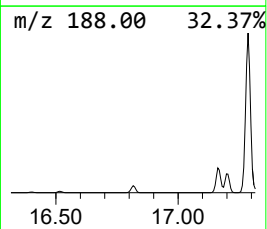
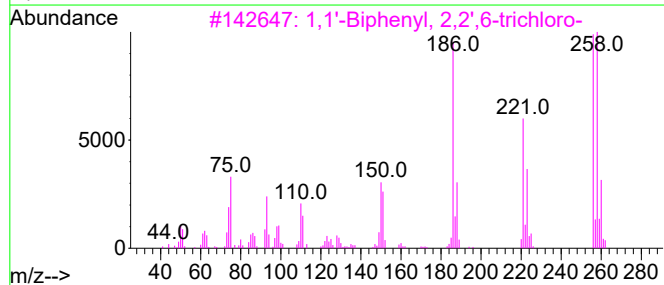
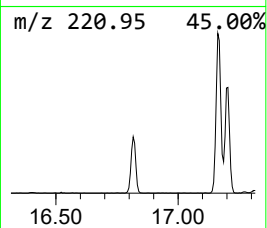
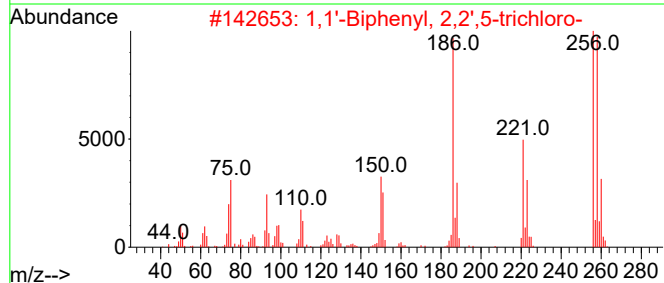
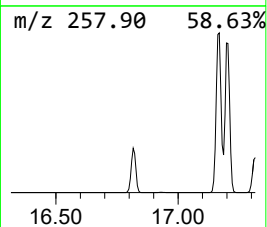
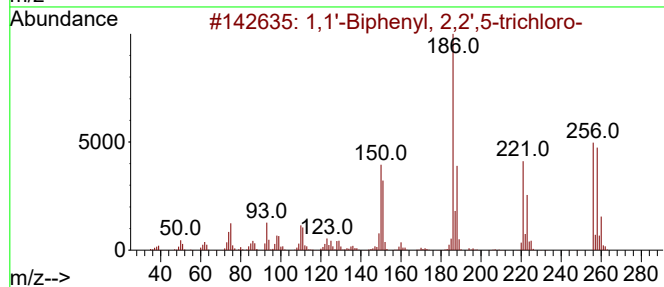
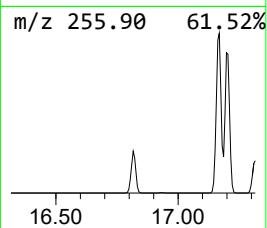
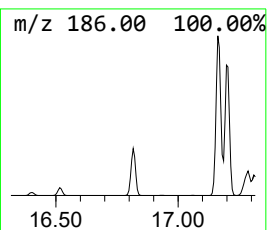
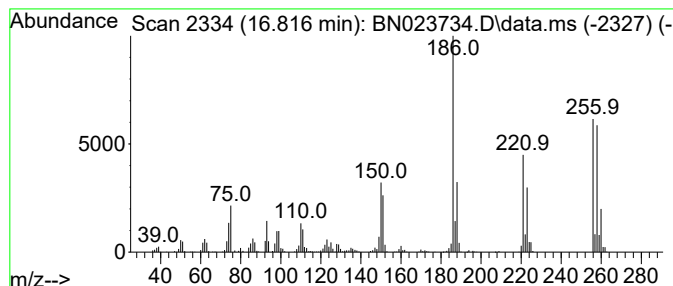
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.816	4.09 ng/ul	1049190	Phenanthrene-d10	17.287	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

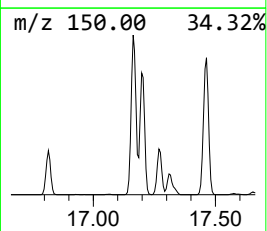
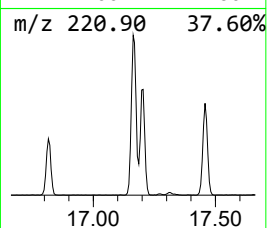
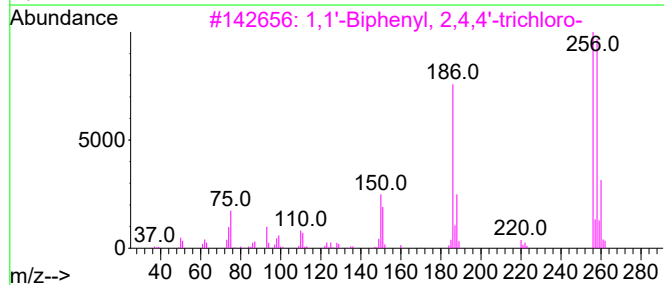
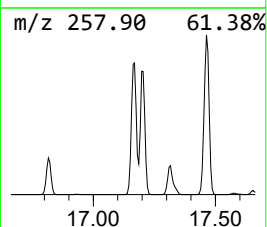
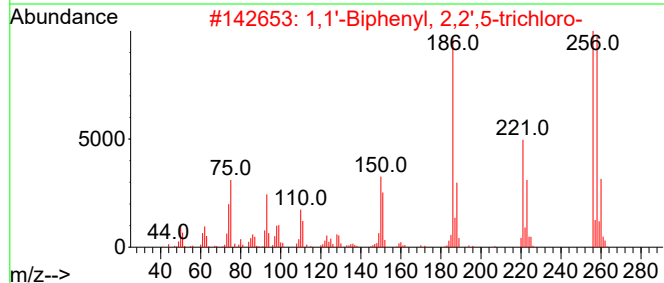
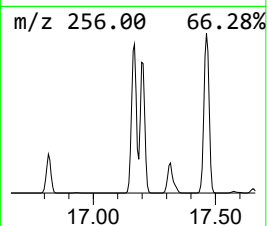
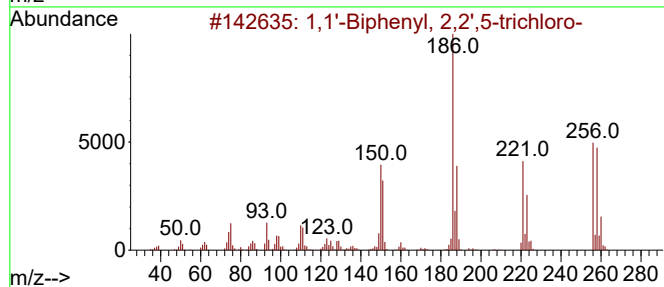
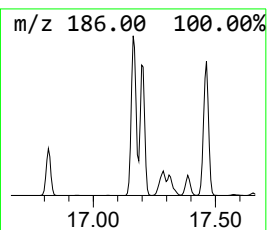
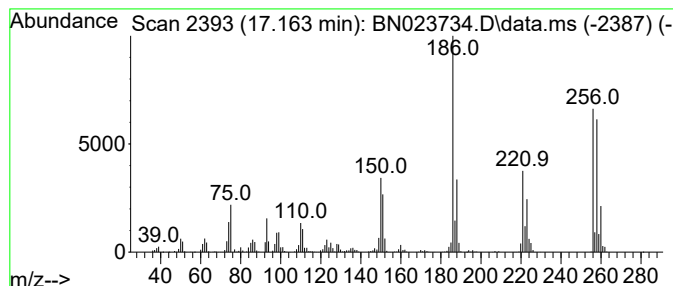
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.163	16.19 ng/ul	4152990	Phenanthrene-d10	17.287	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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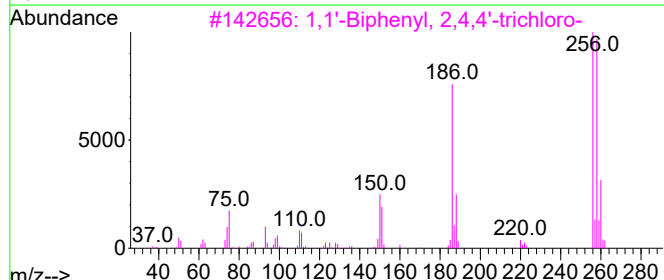
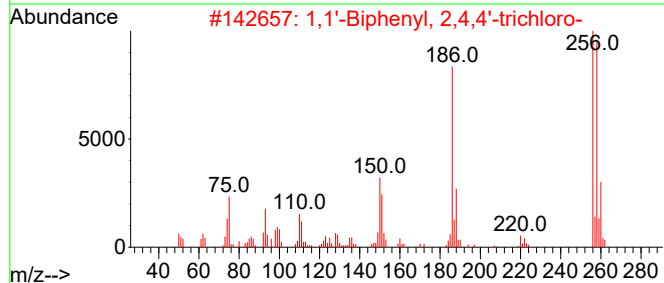
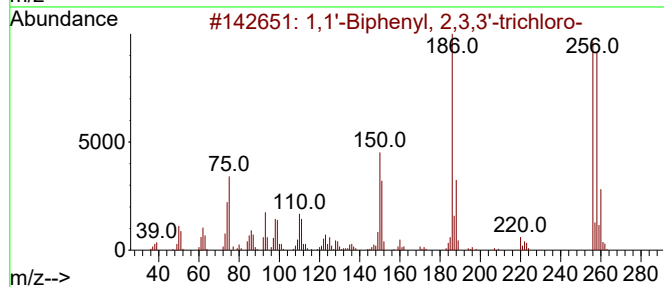
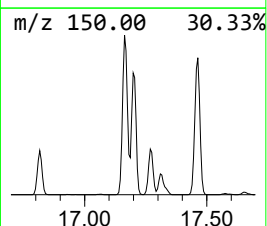
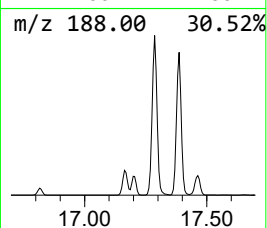
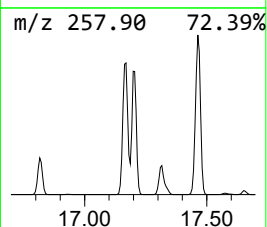
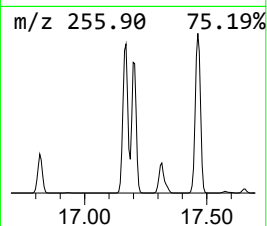
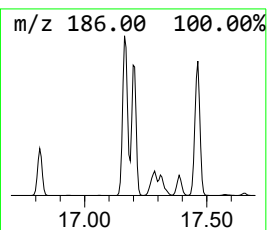
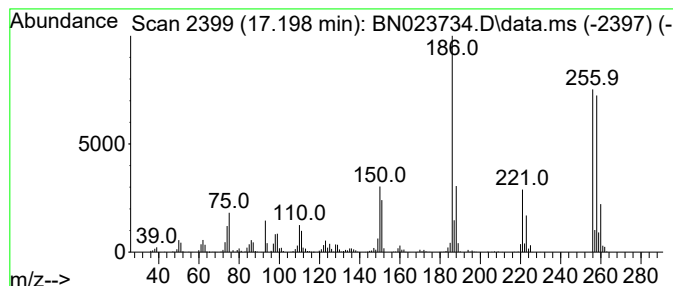
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	10.65 ng/ul	2730810	Phenanthrene-d10	17.287

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99		
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
4	2,2',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	99		
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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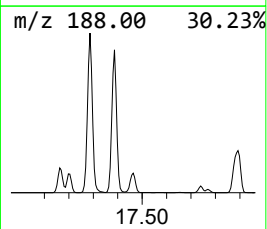
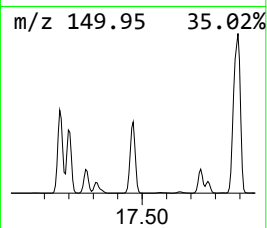
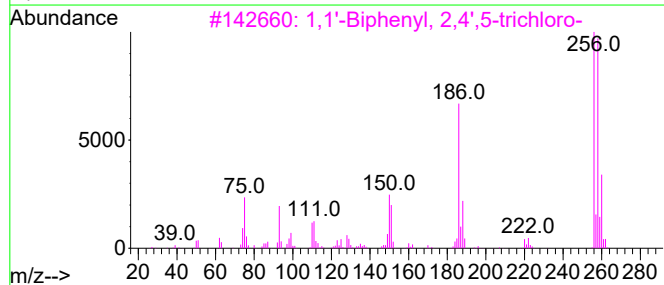
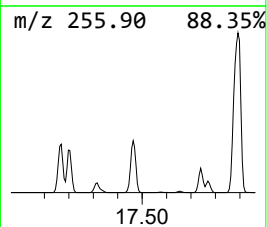
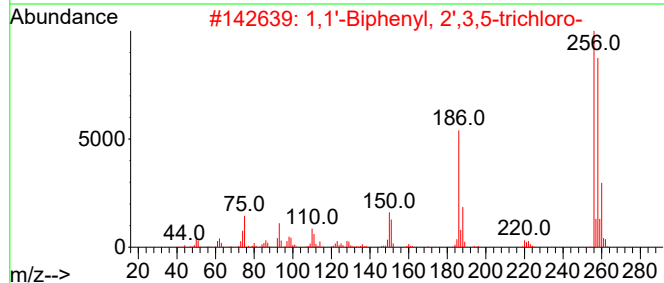
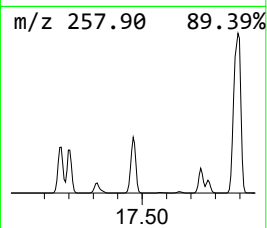
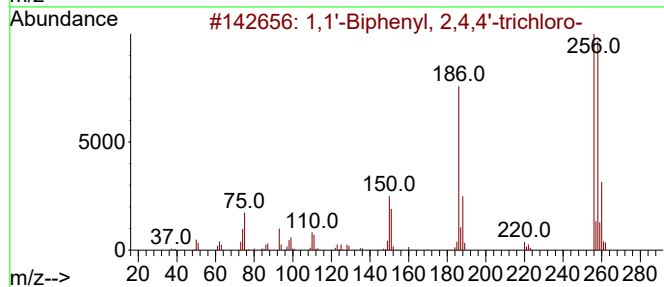
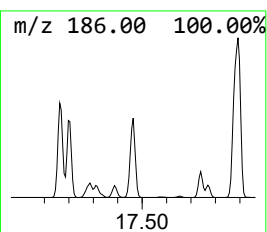
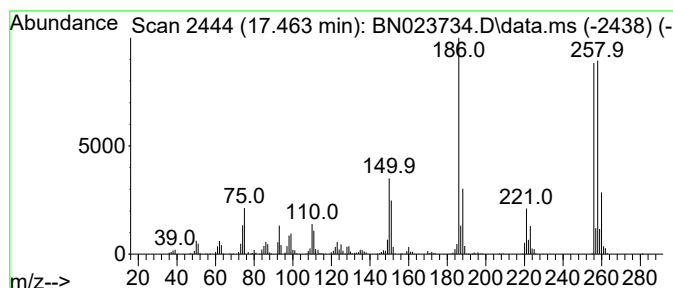
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2',3,5-trich... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.463	13.86 ng/ul	3555060	Phenanthrene-d10	17.287

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',3,5-trichloro-	256	C12H7Cl3	037680-68-5	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	99	
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4462ME

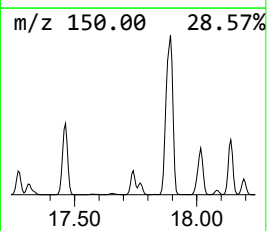
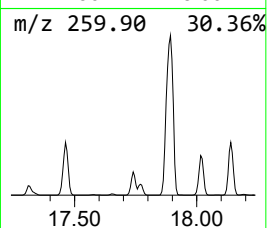
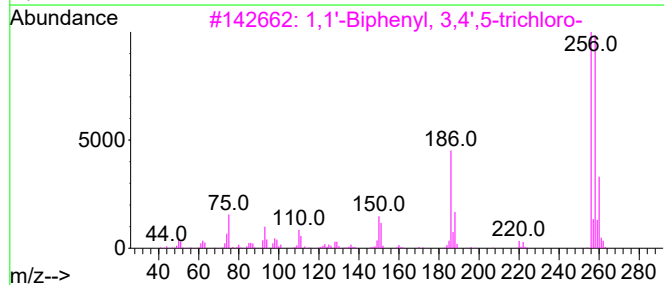
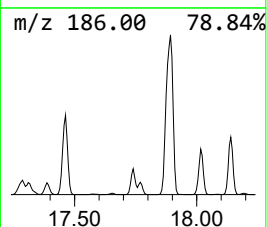
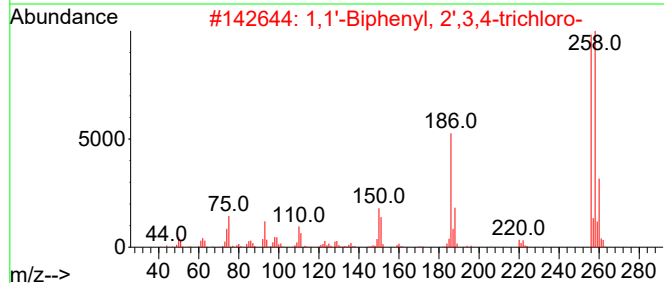
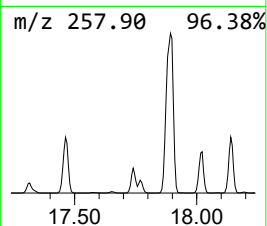
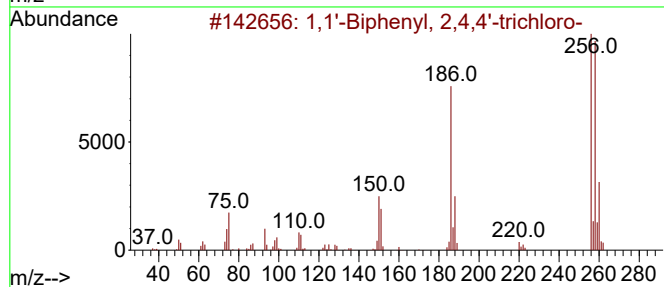
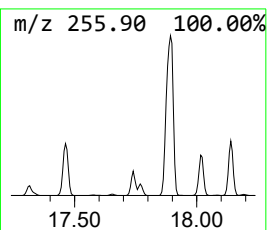
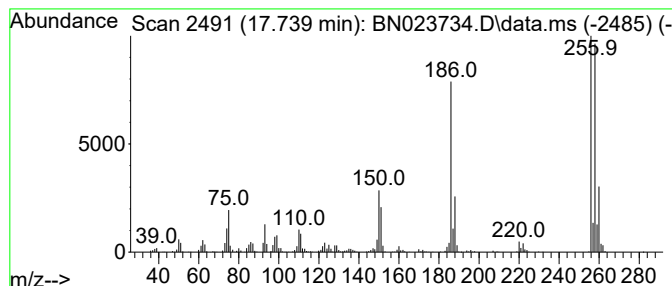
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.740	4.51 ng/ul	1156650	Phenanthrene-d10	17.287

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',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99	
3	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99	
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99	
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4462ME

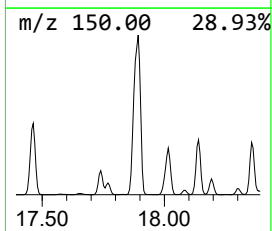
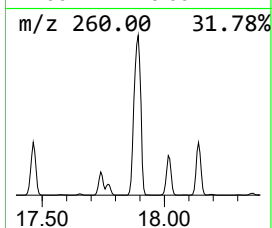
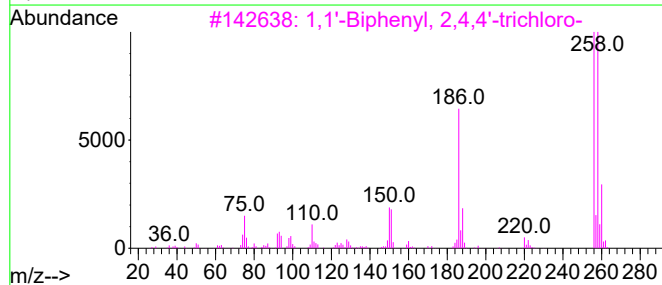
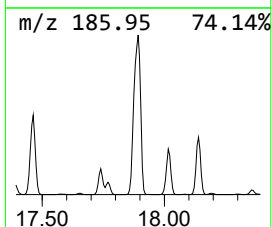
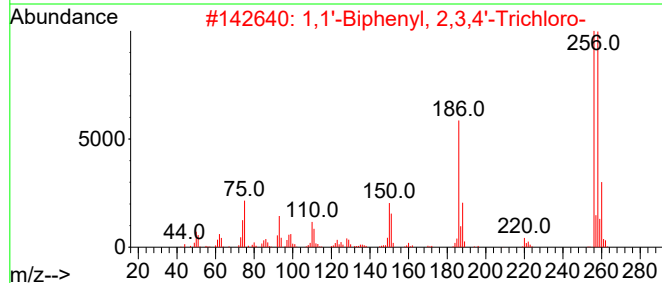
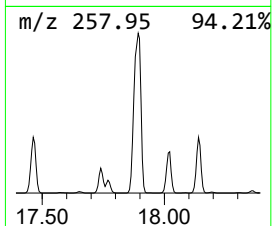
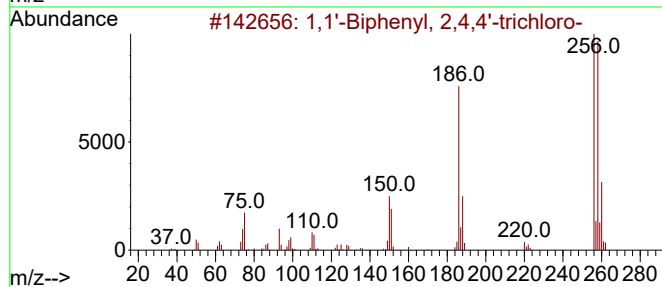
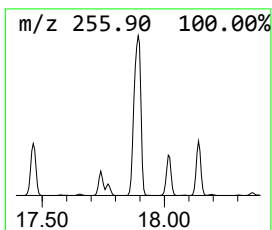
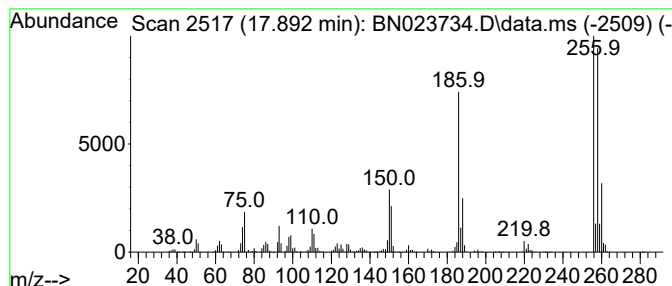
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	43.05 ng/ul	11041200	Phenanthrene-d10	17.287

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, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99		
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99		
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4462ME

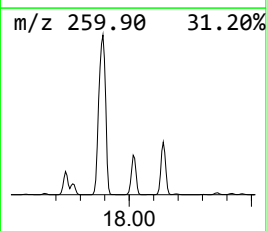
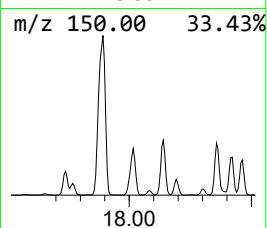
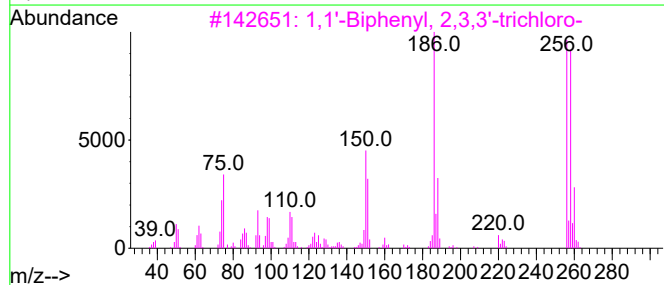
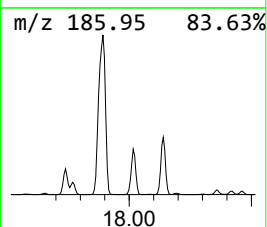
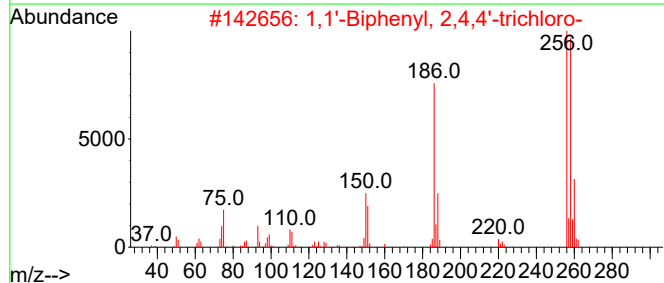
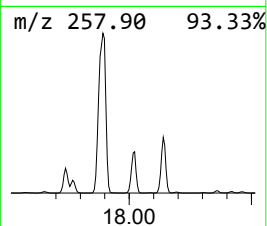
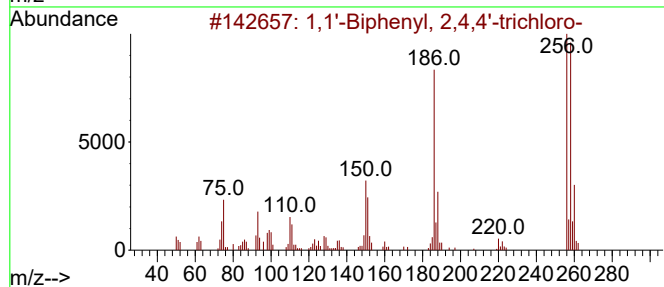
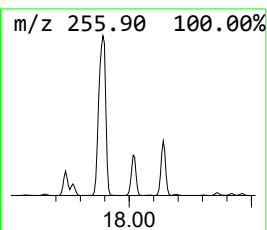
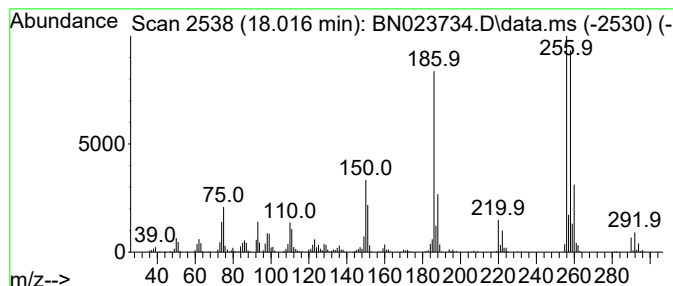
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	10.26 ng/ul	2631040	Phenanthrene-d10	17.287

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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99		
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99		
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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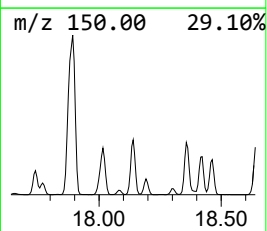
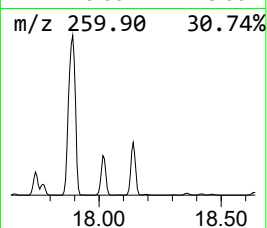
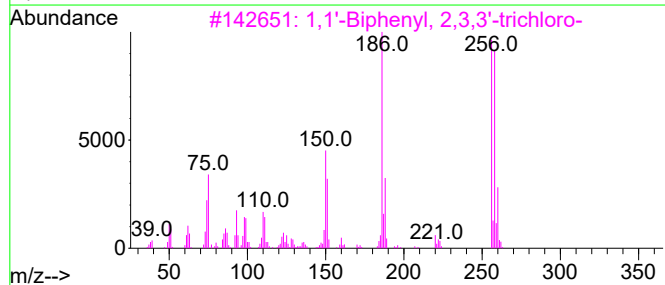
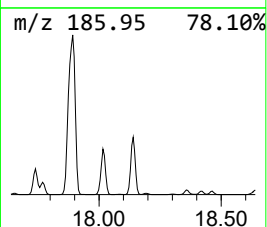
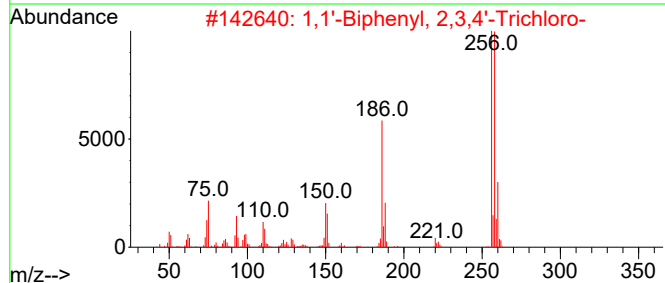
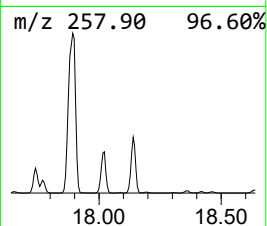
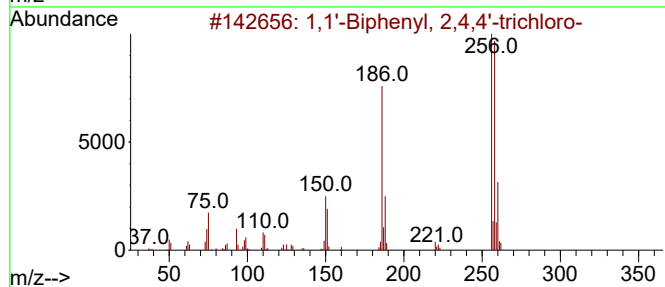
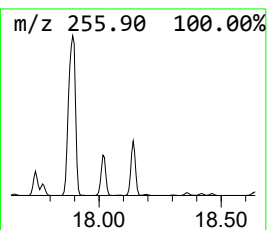
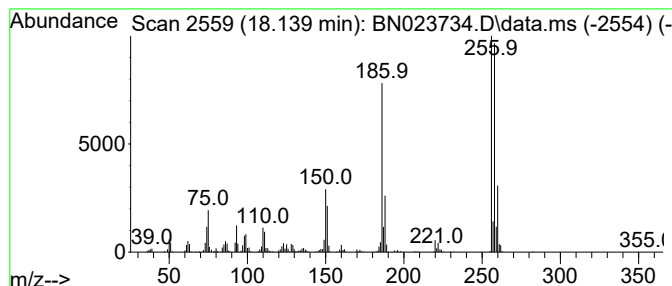
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	10.01 ng/ul	2566480	Phenanthrene-d10	17.287

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, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99		
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99		
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99		
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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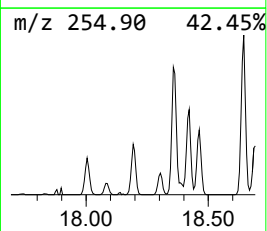
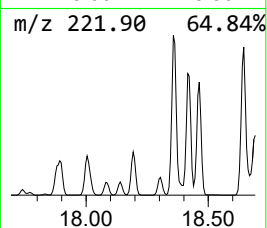
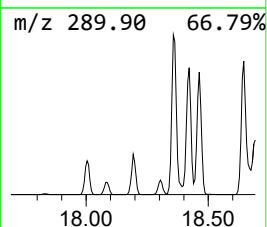
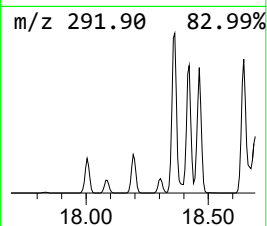
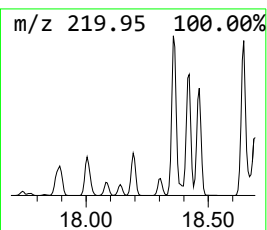
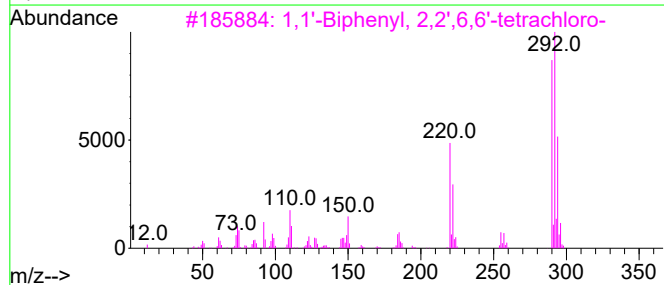
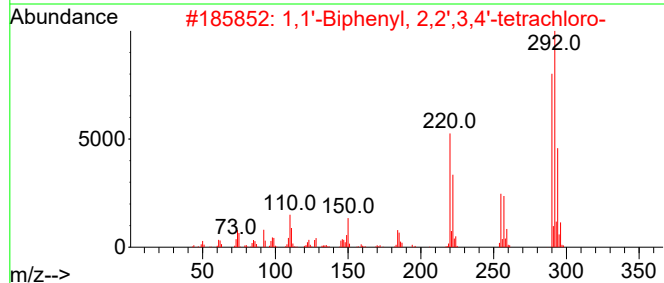
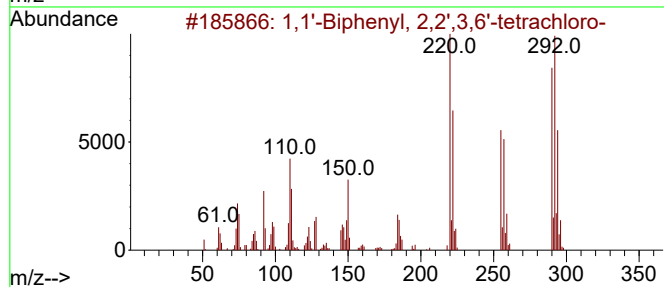
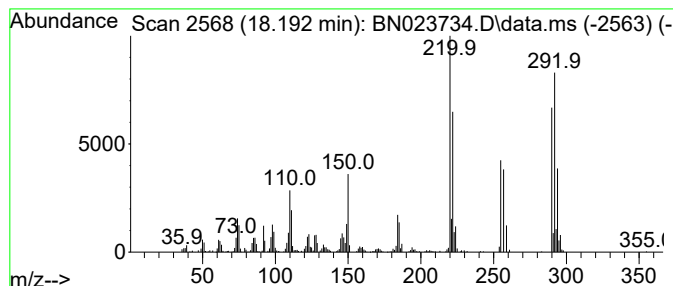
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2,2',3,6'-te... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	3.64 ng/ul	934437	Phenanthrene-d10	17.287

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	99		
2	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99		
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99		
4	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99		
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

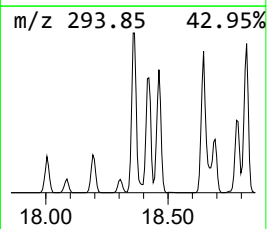
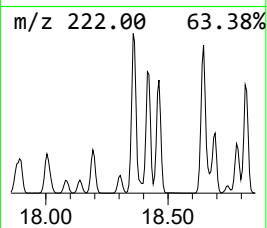
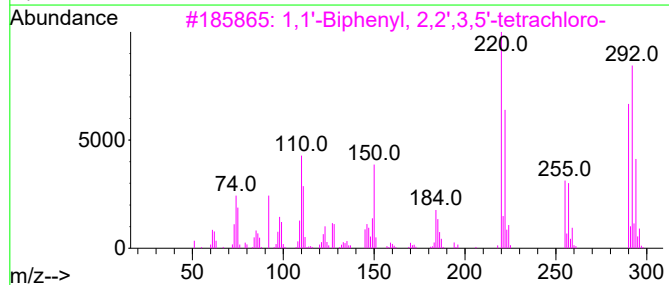
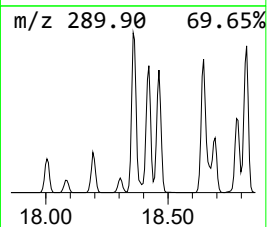
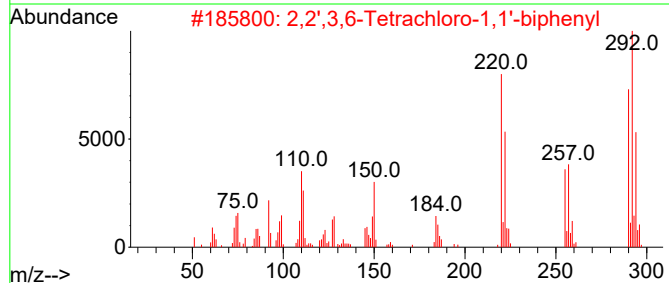
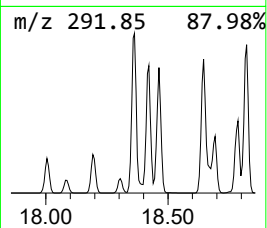
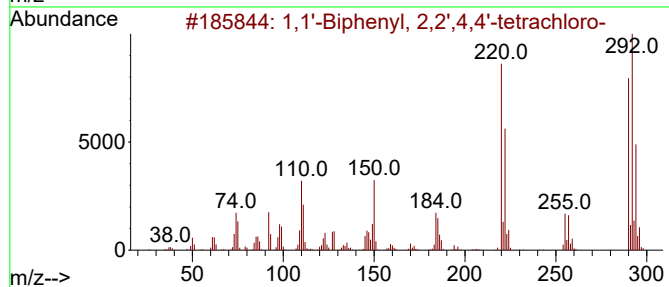
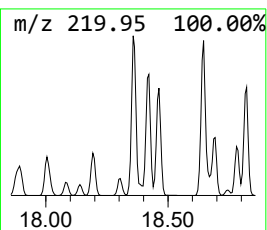
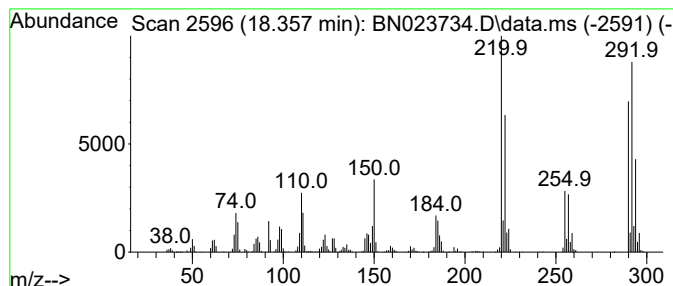
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.357	11.95 ng/ul	3063470	Phenanthrene-d10	17.287		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99	
2	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99	
3	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99	
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99	
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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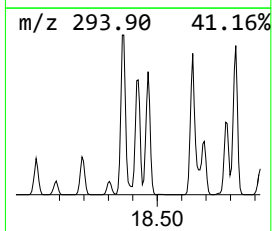
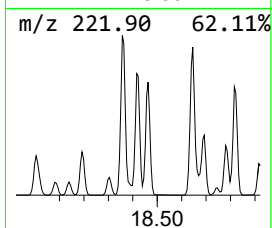
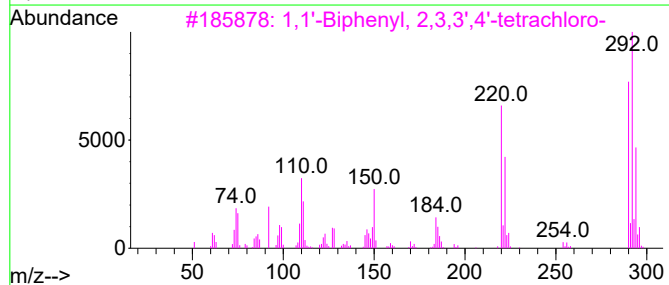
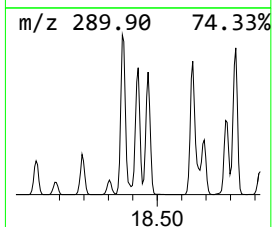
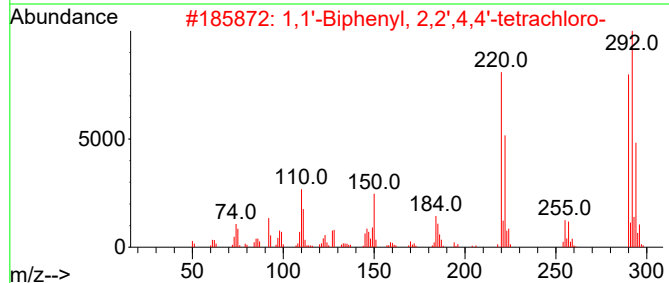
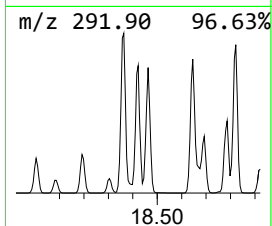
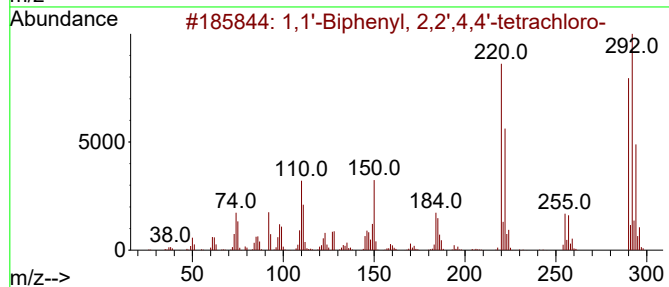
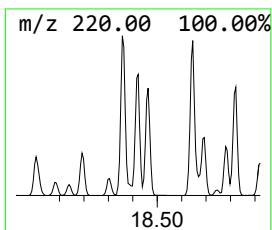
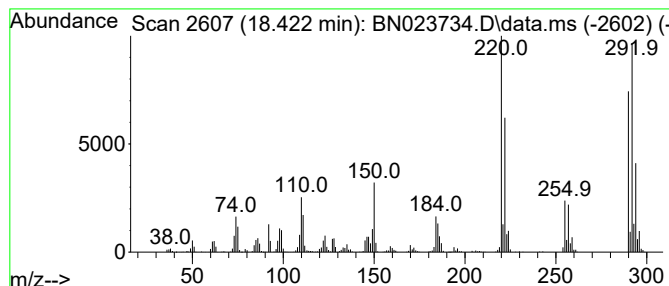
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	8.84 ng/ul	2267940	Phenanthrene-d10	17.287

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99		
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99		
3	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99		
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99		
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4462ME

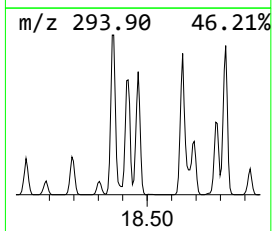
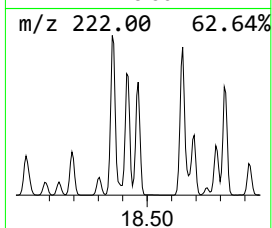
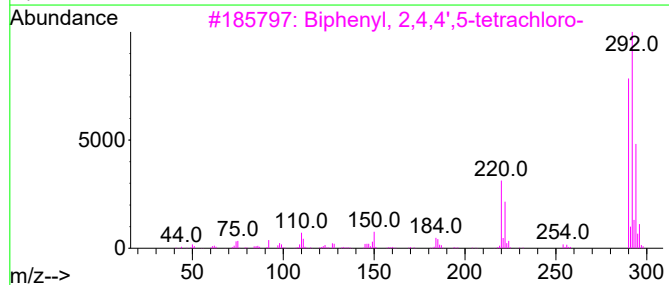
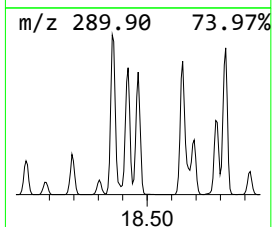
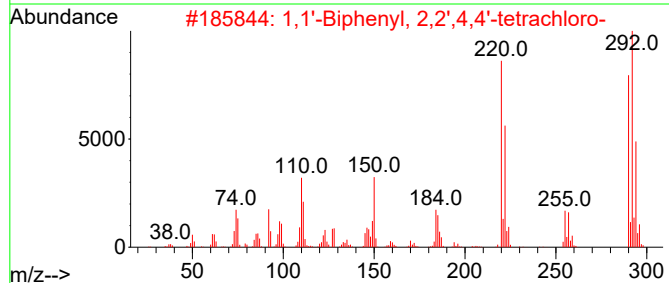
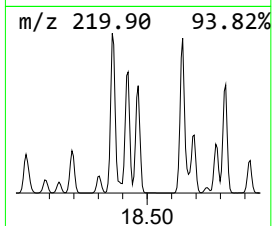
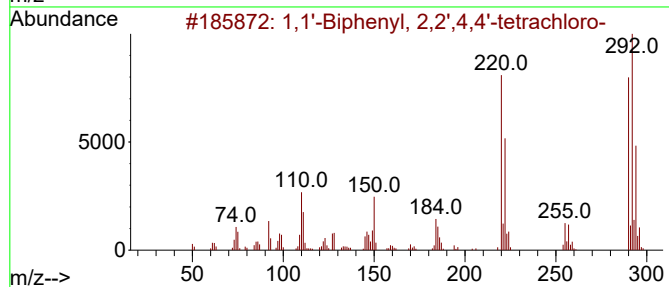
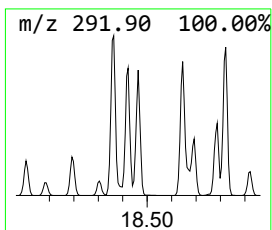
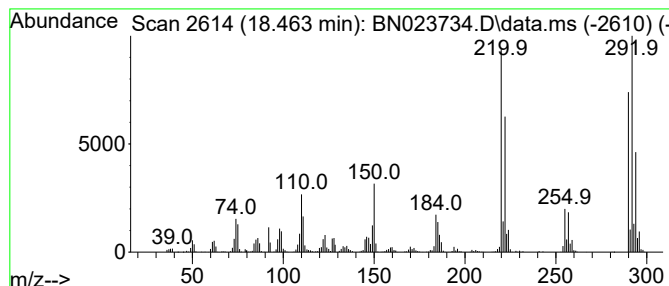
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	7.81 ng/ul	2002480	Phenanthrene-d10	17.287

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99		
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99		
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99		
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99		
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

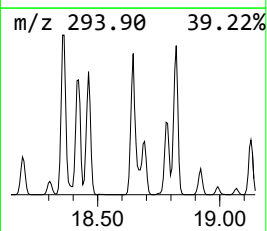
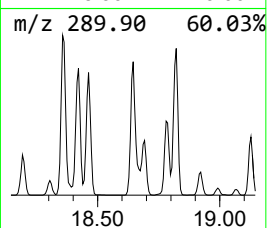
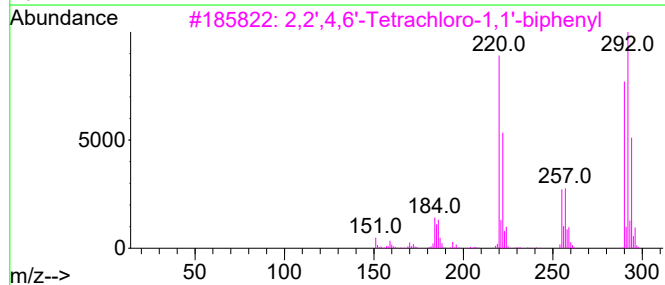
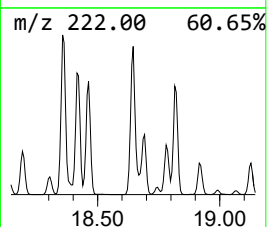
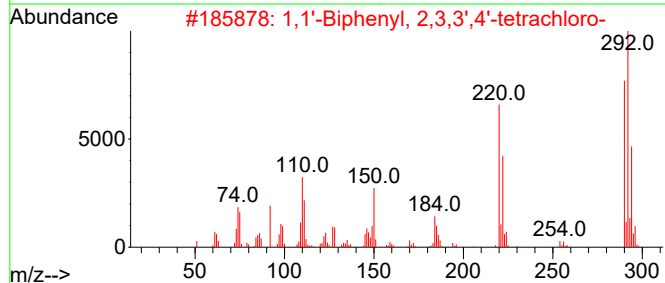
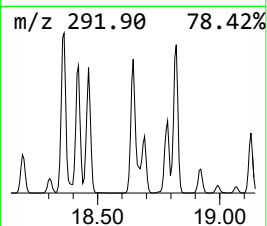
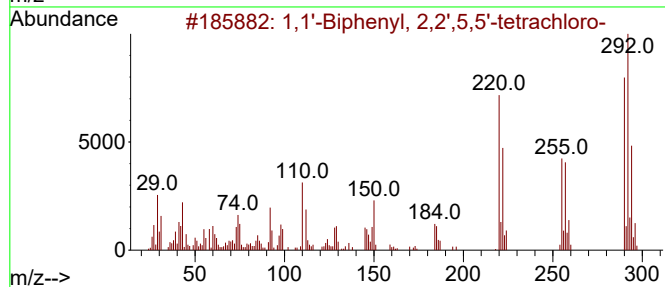
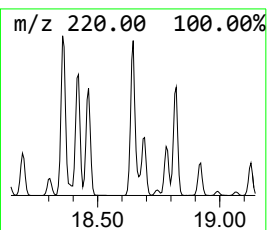
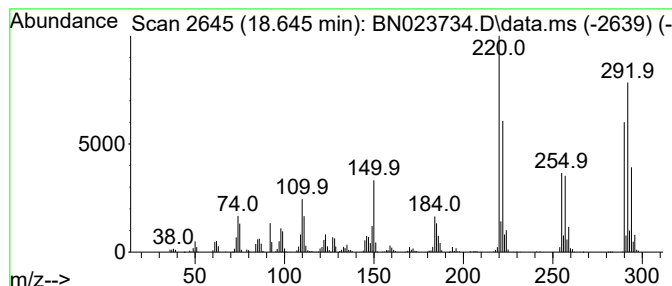
Instrument :
BNA_N
ClientSampleId :
A4462ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.645	11.41 ng/ul	2927260	Phenanthrene-d10	17.287	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4462ME

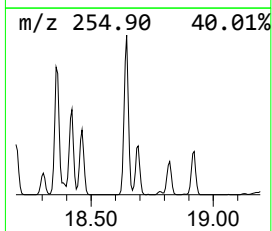
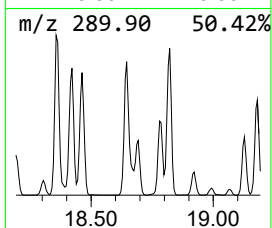
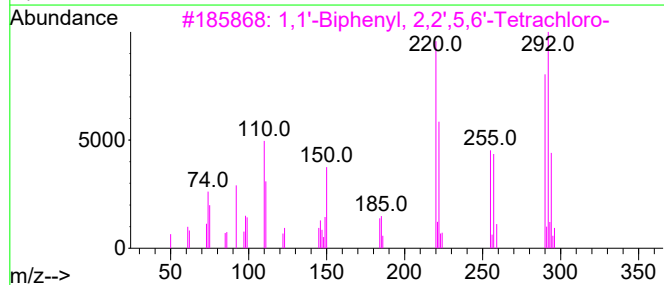
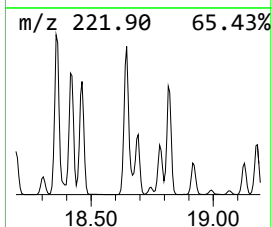
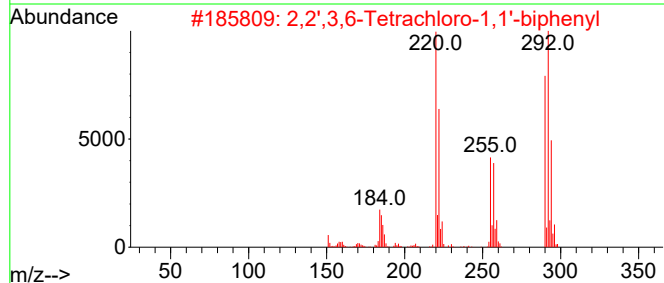
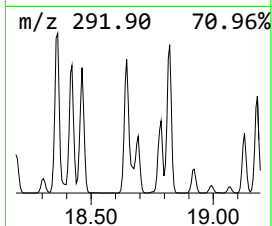
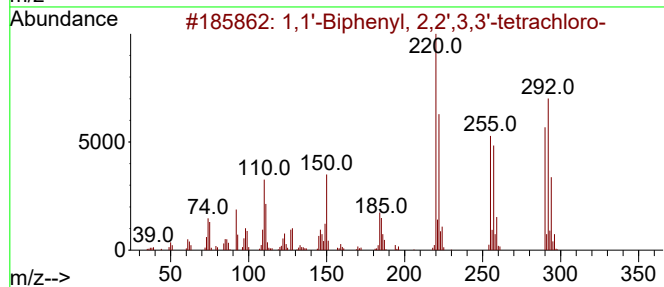
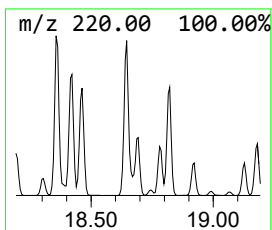
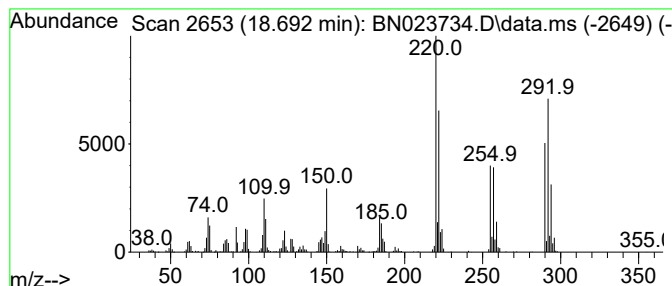
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 1,1'-Biphenyl, 2,2',3,3'-te... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	4.23 ng/ul	1084800	Phenanthrene-d10	17.287

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99		
2	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99		
3	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99		
4	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99		
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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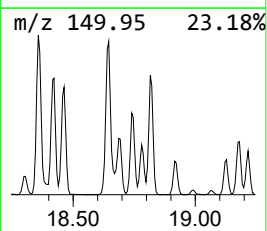
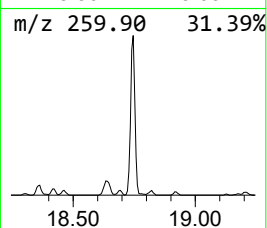
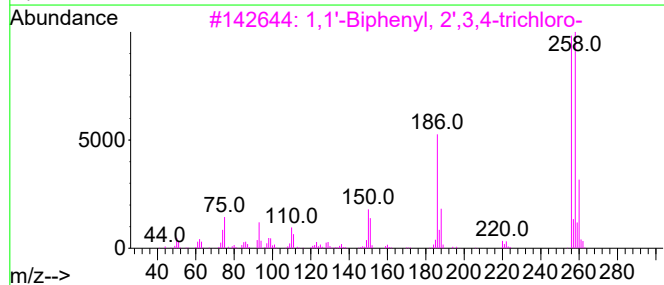
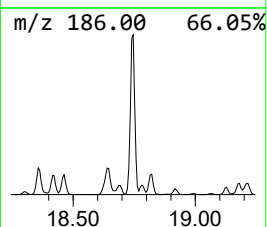
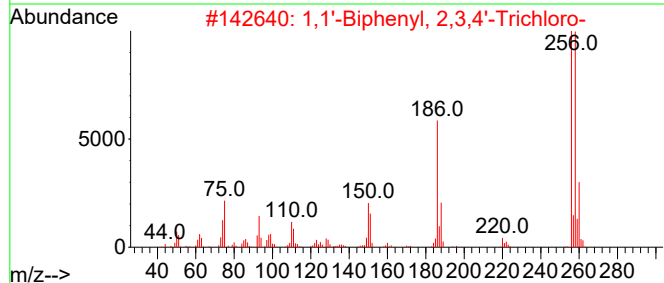
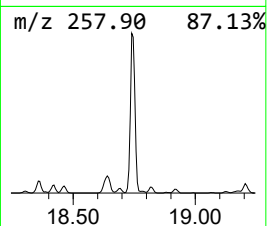
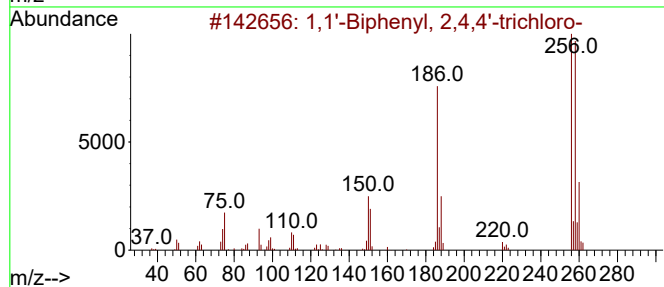
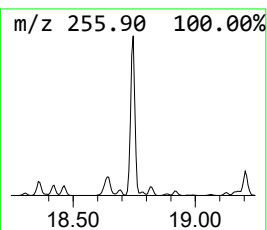
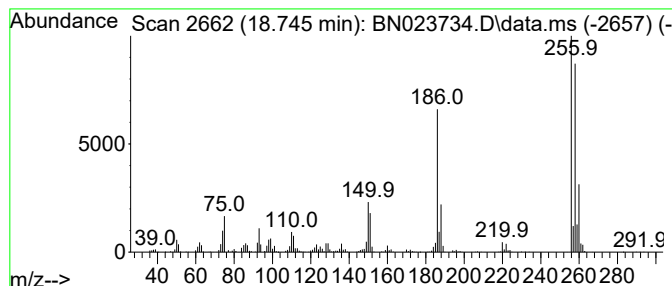
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 unknown-03 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.745	5.23 ng/ul	1340550	Phenanthrene-d10	17.287

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, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99		
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99		
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99		
5	1,1'-Biphenyl, 2,3',4-trichloro-	256	C12H7Cl3	055712-37-3	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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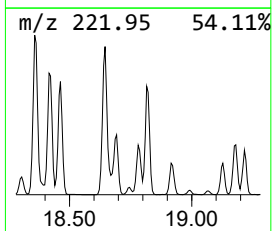
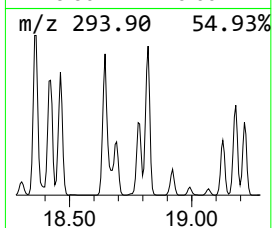
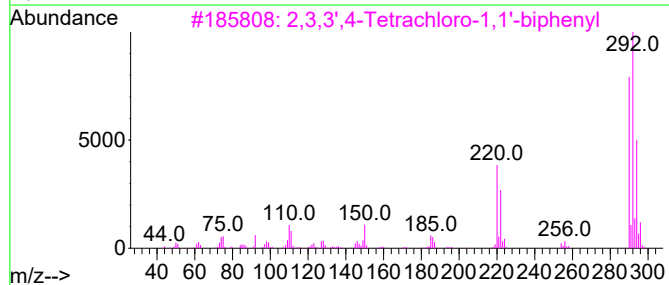
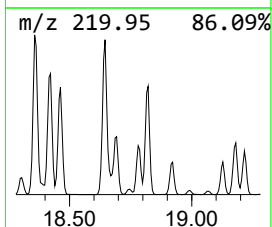
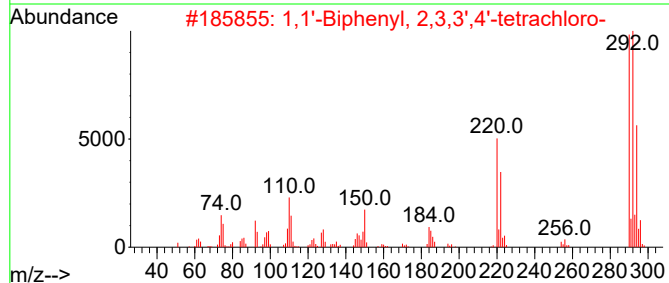
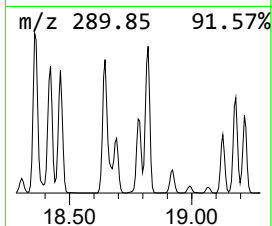
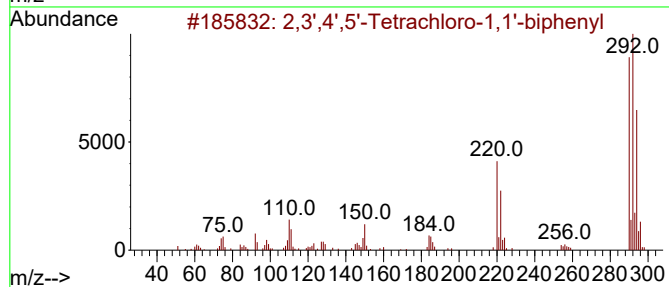
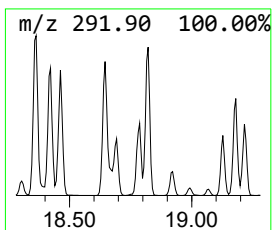
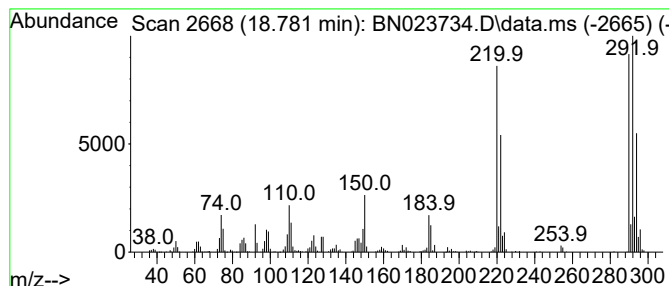
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 2,3',4',5'-Tetrachloro-1,1'... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.781	3.73 ng/ul	956404	Phenanthrene-d10	17.287

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	99		
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99		
3	2,3,3',4'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99		
4	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99		
5	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

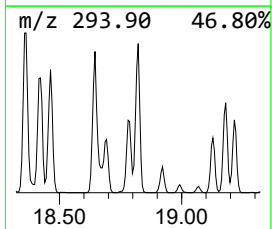
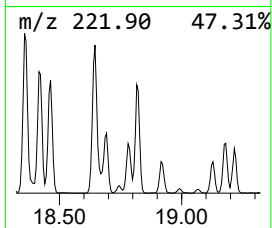
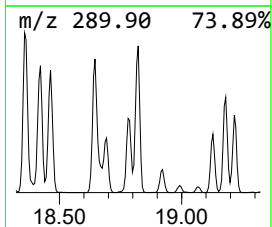
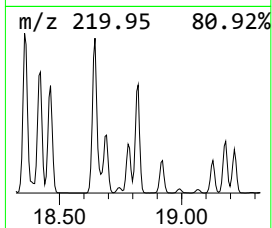
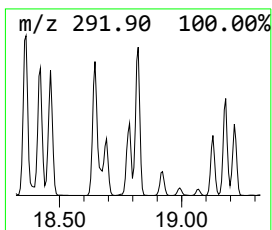
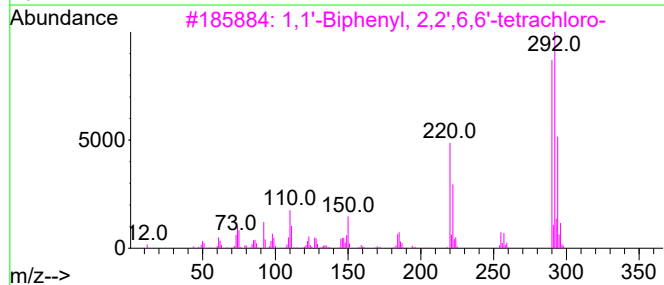
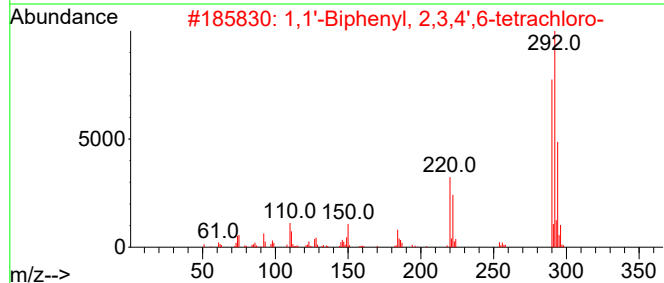
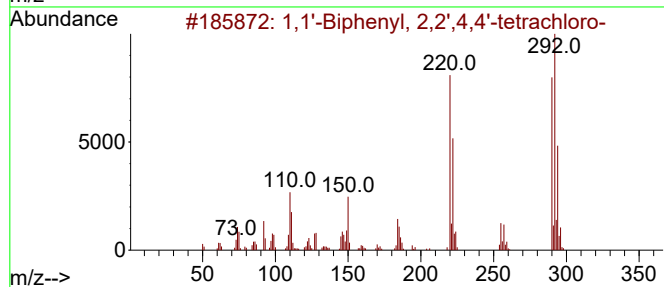
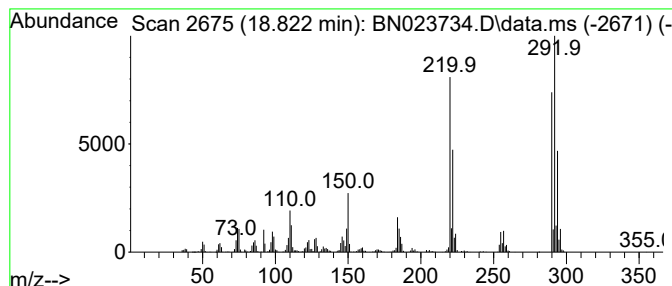
Instrument :
BNA_N
ClientSampleId :
A4462ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.822	8.20 ng/ul	2102770	Phenanthrene-d10	17.287	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4462ME

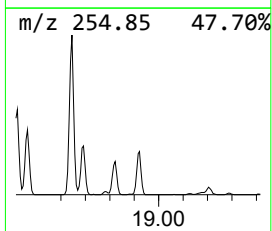
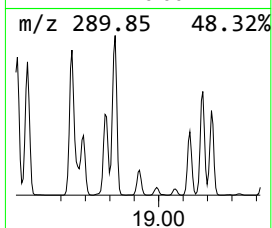
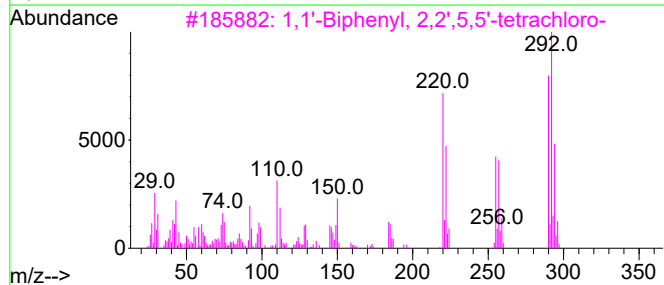
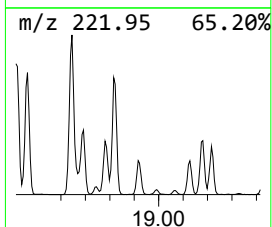
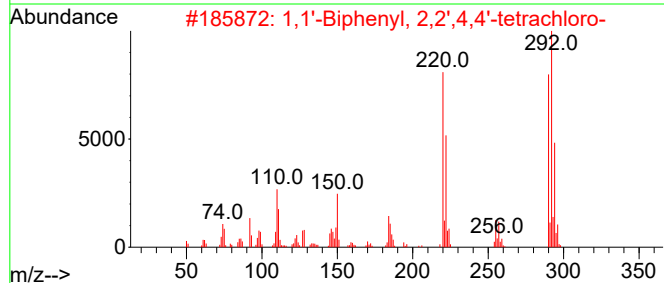
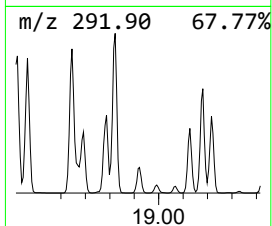
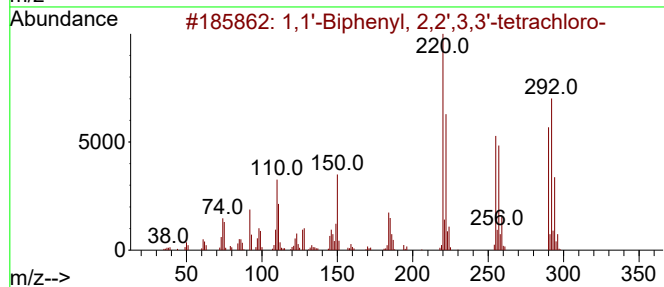
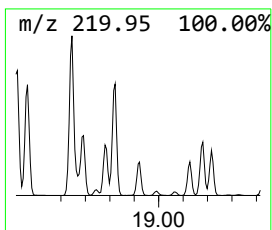
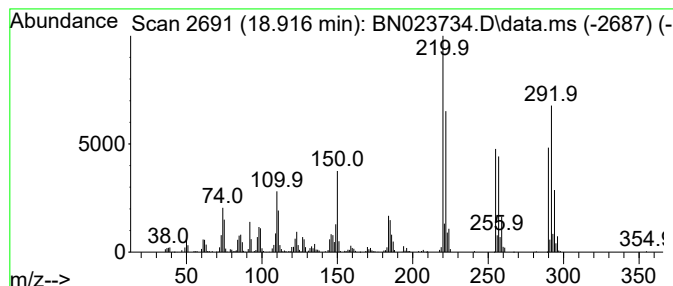
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.916	2.29 ng/ul	586289	Phenanthrene-d10	17.287

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99		
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99		
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99		
4	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99		
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4462ME

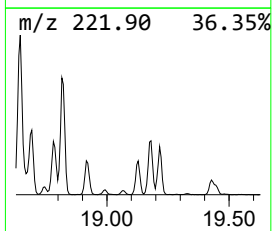
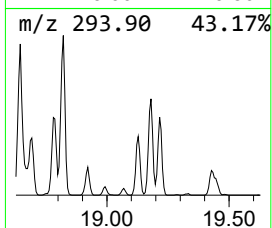
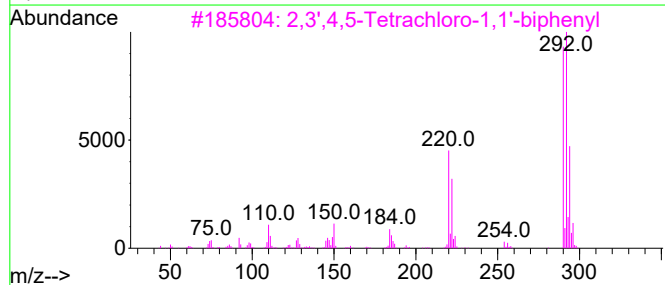
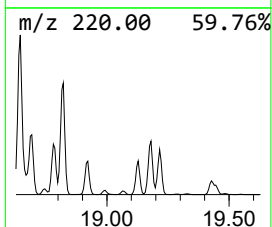
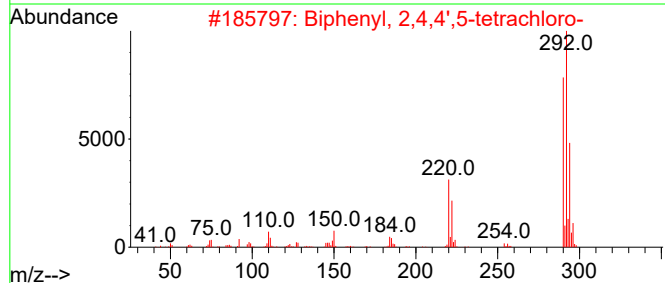
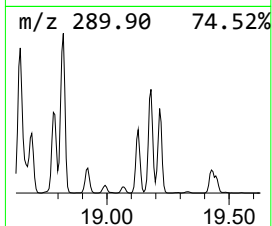
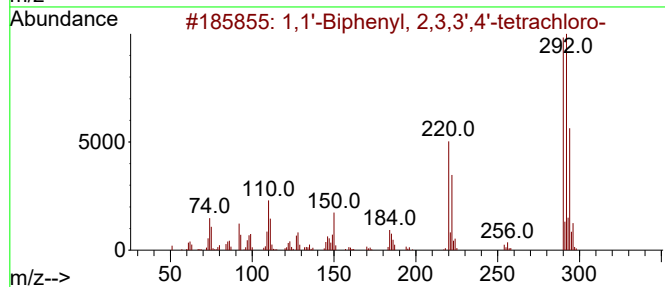
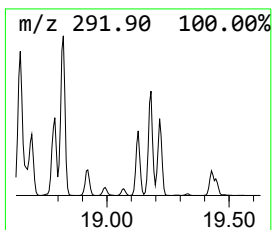
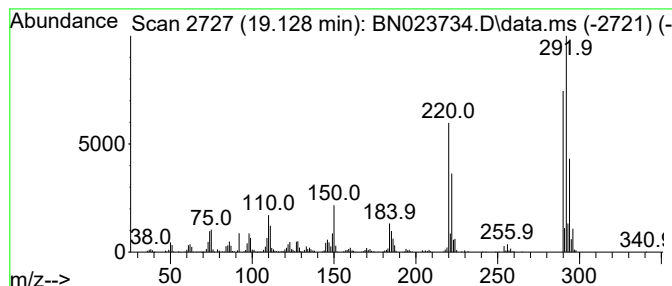
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 unknown-04 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.128	2.76 ng/ul	708451	Phenanthrene-d10	17.287

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99		
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99		
3	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99		
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99		
5	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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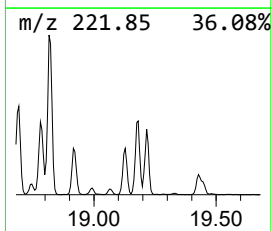
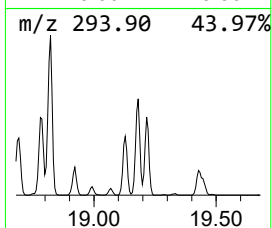
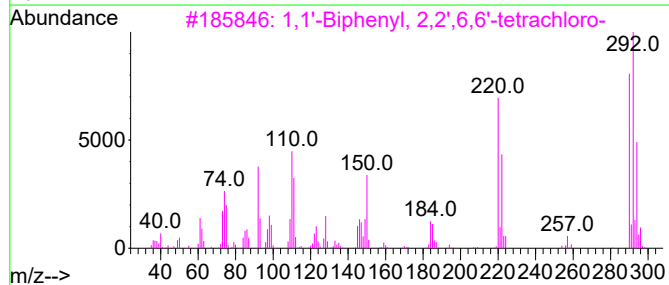
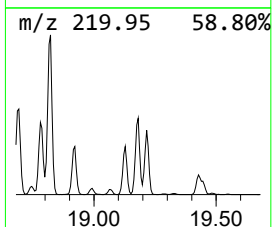
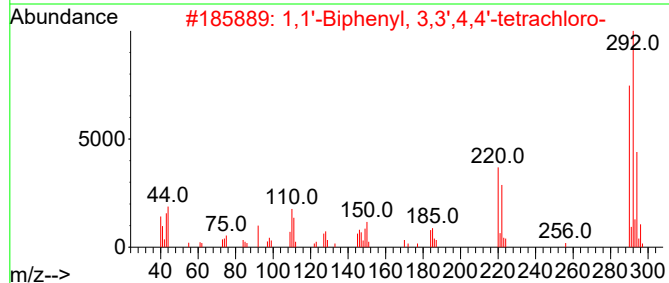
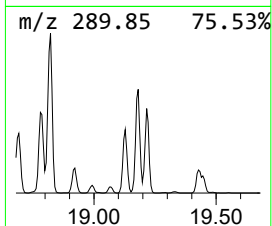
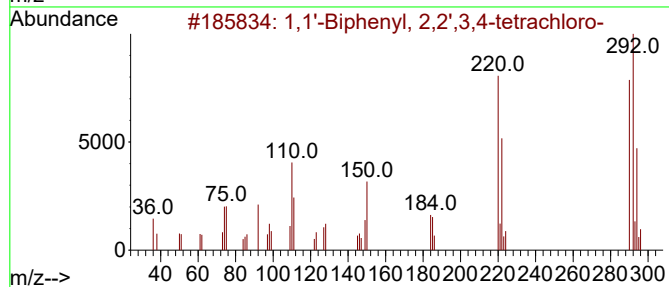
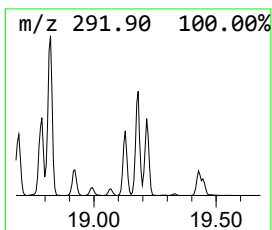
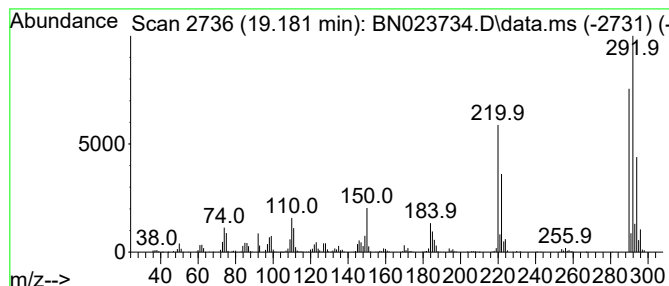
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.181	4.43 ng/ul	1136540	Phenanthrene-d10	17.287

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, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99		
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99		
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99		
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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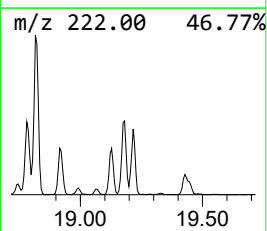
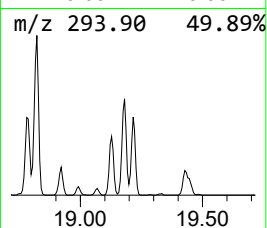
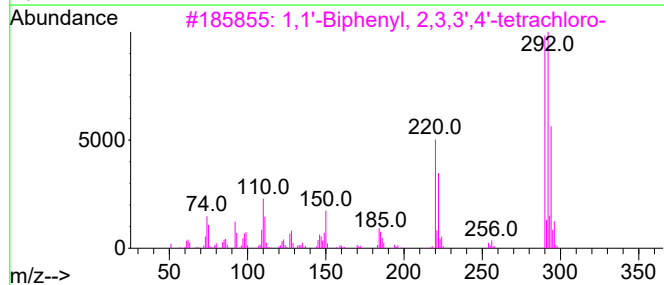
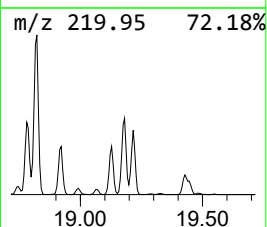
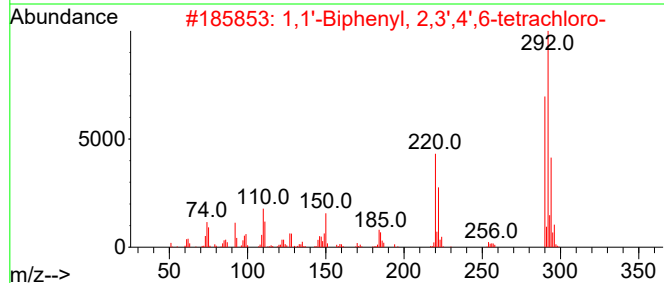
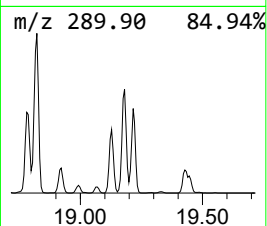
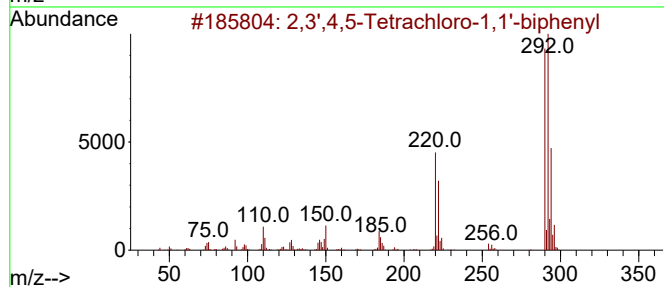
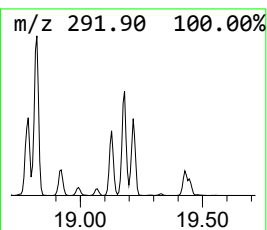
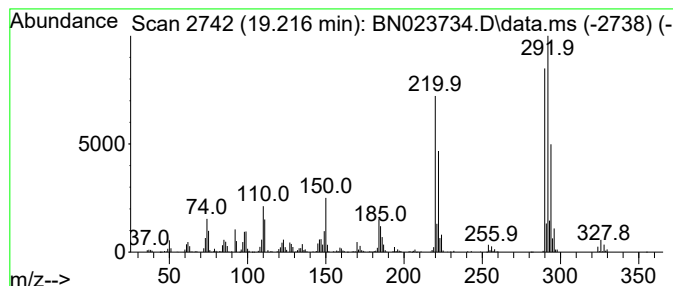
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.216	4.78 ng/ul	1225840	Phenanthrene-d10	17.287

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99	
2	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99	
3	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99	
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99	
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

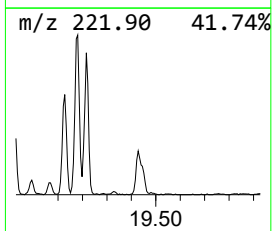
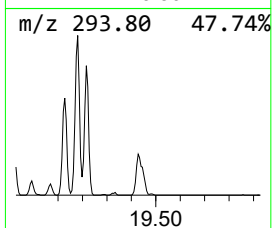
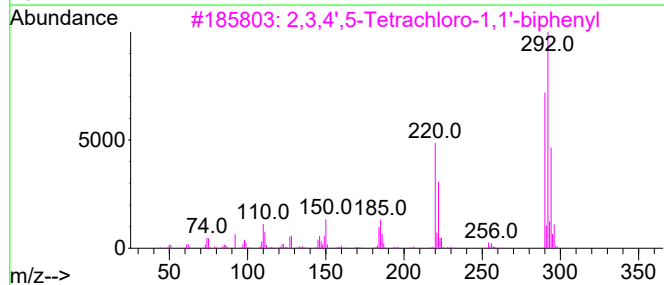
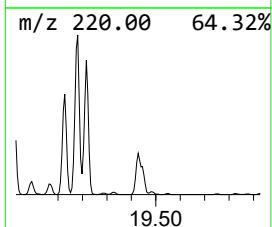
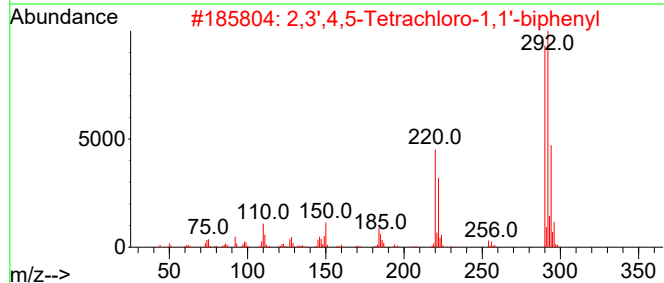
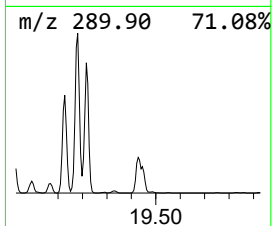
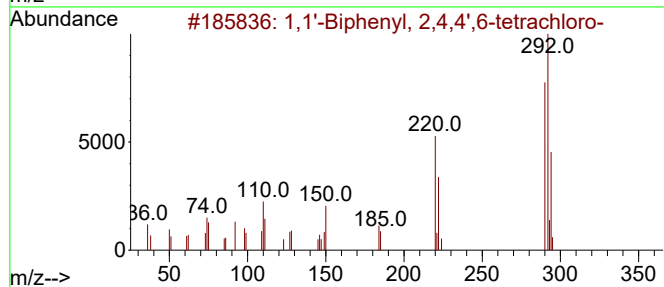
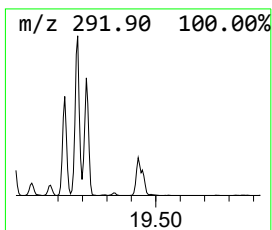
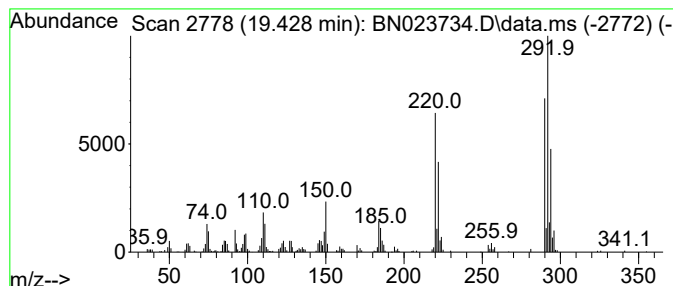
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 1,1'-Biphenyl, 2,4,4',6-tet... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.428	3.42 ng/ul	479017	Chrysene-d12	21.480	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
2	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
3	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
5	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023734.D
Acq On : 20 Jan 2023 19:21
Operator : CG/JU
Sample : 01146-14ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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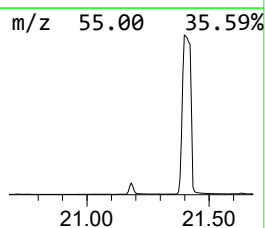
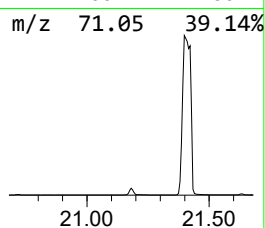
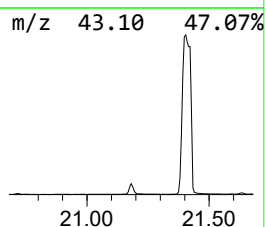
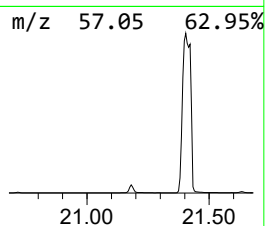
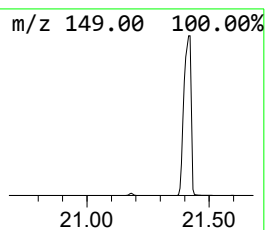
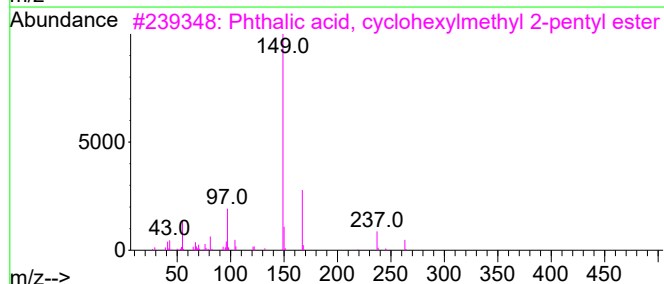
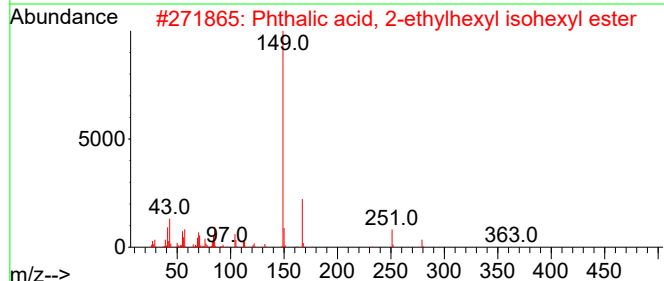
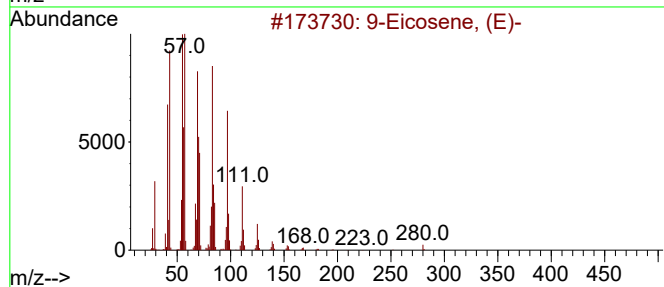
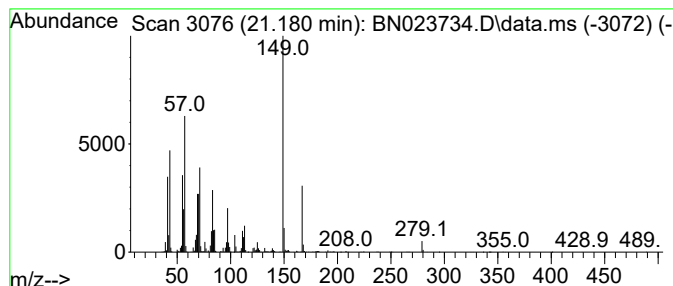
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	6.84 ng/ul	959520	Chrysene-d12	21.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-			280	C20H40	074685-29-3	55
2	Phthalic acid, 2-ethylhexyl isoh...			362	C22H34O4	1000308-98-5	52
3	Phthalic acid, cyclohexylmethyl ...			332	C20H28O4	1000315-55-5	49
4	Dicyclohexyl phthalate			330	C20H26O4	000084-61-7	43
5	Dicyclohexyl phthalate			330	C20H26O4	000084-61-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
 Data File : BN023734.D
 Acq On : 20 Jan 2023 19:21
 Operator : CG/JU
 Sample : 01146-14ME
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4462ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.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
1,1'-Biphenyl, ...	15.798	29.9	ng/ul	3568240	3	14.540	2387340	20.0
Benzene, 3,5-di...	15.822	73.4	ng/ul	8758730	3	14.540	2387340	20.0
Benzophenone	15.898	4.0	ng/ul	482644	3	14.540	2387340	20.0
1,1'-Biphenyl, ...	16.128	22.8	ng/ul	5836200	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	16.398	2.6	ng/ul	665098	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	16.516	6.2	ng/ul	1582000	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	16.816	4.1	ng/ul	1049190	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	17.163	16.2	ng/ul	4152990	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	17.198	10.7	ng/ul	2730810	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	17.463	13.9	ng/ul	3555060	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	17.740	4.5	ng/ul	1156650	4	17.287	5129250	20.0
unknown-01	17.892	43.0	ng/ul	11041200	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	18.016	10.3	ng/ul	2631040	4	17.287	5129250	20.0
unknown-02	18.140	10.0	ng/ul	2566480	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	18.192	3.6	ng/ul	934437	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	18.357	11.9	ng/ul	3063470	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	18.422	8.8	ng/ul	2267940	4	17.287	5129250	20.0
Biphenyl, 2,4,4...	18.463	7.8	ng/ul	2002480	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	18.645	11.4	ng/ul	2927260	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	18.692	4.2	ng/ul	1084800	4	17.287	5129250	20.0
unknown-03	18.745	5.2	ng/ul	1340550	4	17.287	5129250	20.0
2,3',4',5'-Tetr...	18.781	3.7	ng/ul	956404	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	18.822	8.2	ng/ul	2102770	4	17.287	5129250	20.0
2,2',3,6-Tetrac...	18.916	2.3	ng/ul	586289	4	17.287	5129250	20.0
unknown-04	19.128	2.8	ng/ul	708451	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	19.181	4.4	ng/ul	1136540	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	19.216	4.8	ng/ul	1225840	4	17.287	5129250	20.0
1,1'-Biphenyl, ...	19.428	3.4	ng/ul	479017	5	21.480	2804870	20.0
(DEL) Alkane: S...	21.180	6.8	ng/ul	959520	5	21.480	2804870	20.0