

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
 Data File : BN023905.D
 Acq On : 02 Feb 2023 15:12
 Operator : CG/JU
 Sample : 01362-04DL 30X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4442DL

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-BN020123.M
 Title : SVOA CALIBRATION

Signal : TIC: BN023905.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.022	664	669	676	rVB2	14056	24766	0.16%	0.021%
2	7.187	691	697	705	rBV	13633	21564	0.14%	0.018%
3	7.381	724	730	737	rVB	16478	28712	0.18%	0.024%
4	7.852	804	810	820	rVB	580224	869925	5.51%	0.737%
5	8.569	928	932	938	rBV2	14129	24219	0.15%	0.021%
6	9.022	1003	1009	1015	rVB	12451	21954	0.14%	0.019%
7	9.740	1125	1131	1137	rBV4	9883	17228	0.11%	0.015%
8	10.287	1218	1224	1234	rVB	18526	32151	0.20%	0.027%
9	10.522	1258	1264	1270	rVB2	21993	35001	0.22%	0.030%
10	10.663	1280	1288	1297	rBV	792235	1309439	8.29%	1.109%
11	10.804	1309	1312	1322	rVB	16114	31125	0.20%	0.026%
12	13.916	1836	1841	1847	rBV	40024	55254	0.35%	0.047%
13	14.198	1884	1889	1893	rBV2	35690	47560	0.30%	0.040%
14	14.504	1934	1941	1951	rBV	1307711	1940872	12.28%	1.644%
15	14.628	1956	1962	1967	rVV	298757	409054	2.59%	0.346%
16	15.351	2080	2085	2090	rVV	17480	25652	0.16%	0.022%
17	15.439	2094	2100	2105	rVV	87241	118033	0.75%	0.100%
18	15.498	2105	2110	2115	rVB	59062	82061	0.52%	0.069%
19	15.763	2148	2155	2171	rBV	2488535	3614807	22.88%	3.061%
20	16.092	2205	2211	2218	rBV	135676	177225	1.12%	0.150%
21	16.198	2223	2229	2237	rVB	621567	807205	5.11%	0.684%
22	16.369	2252	2258	2270	rVB	1140206	1492625	9.45%	1.264%
23	16.486	2271	2278	2292	rBV	4837309	6514294	41.23%	5.517%
24	16.786	2321	2329	2336	rBV	826920	1131707	7.16%	0.958%
25	17.033	2366	2371	2375	rVB2	18450	25688	0.16%	0.022%
26	17.133	2381	2388	2392	rBV	6508445	9478215	59.99%	8.027%
27	17.169	2392	2394	2400	rVV	2842967	3113141	19.70%	2.636%
28	17.245	2400	2407	2421	rVV2	2464050	5347350	33.85%	4.528%
29	17.351	2421	2425	2431	rVB2	62787	85441	0.54%	0.072%
30	17.428	2431	2438	2446	rBV2	4087392	6037282	38.21%	5.113%
31	17.539	2453	2457	2465	rBV2	28428	51879	0.33%	0.044%
32	17.622	2466	2471	2477	rBV2	86944	127384	0.81%	0.108%
33	17.710	2480	2486	2489	rBV	1248007	1776842	11.25%	1.505%
34	17.739	2489	2491	2496	rVB	563786	588064	3.72%	0.498%
35	17.798	2497	2501	2503	rBV4	16593	17584	0.11%	0.015%
36	17.857	2503	2511	2520	rVB	7849528	15799150	100.00%	13.380%

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Integrator: RTE

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Stop Thrs : 0

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	17.986	2525	2533	2539	rVV2	4549285	6799542	43.04%	5.758%
38	18.051	2539	2544	2548	rVV	284410	369785	2.34%	0.313%
39	18.110	2548	2554	2558	rVV	2721454	3490946	22.10%	2.956%
40	18.163	2558	2563	2569	rVB	1011134	1329299	8.41%	1.126%
41	18.269	2576	2581	2586	rBV	415254	539504	3.41%	0.457%
42	18.328	2586	2591	2597	rVV	3653428	4937672	31.25%	4.182%
43	18.392	2597	2602	2605	rVV	2609025	3503145	22.17%	2.967%
44	18.433	2605	2609	2615	rVB	2211850	2871626	18.18%	2.432%
45	18.616	2632	2640	2644	rBV	3386720	4919416	31.14%	4.166%
46	18.657	2644	2647	2652	rVV	1292426	1728265	10.94%	1.464%
47	18.710	2652	2656	2660	rVV	1264314	1709114	10.82%	1.447%
48	18.751	2660	2663	2666	rVV	1143042	1449928	9.18%	1.228%
49	18.786	2666	2669	2676	rVV	2532912	3166345	20.04%	2.681%
50	18.851	2676	2680	2682	rVV2	43628	56468	0.36%	0.048%
51	18.886	2682	2686	2692	rVB	746941	932041	5.90%	0.789%
52	18.963	2694	2699	2706	rVB	94177	125754	0.80%	0.106%
53	19.033	2706	2711	2716	rBV2	91070	120640	0.76%	0.102%
54	19.098	2716	2722	2725	rBV	654719	856245	5.42%	0.725%
55	19.145	2725	2730	2733	rVV	1121880	1553686	9.83%	1.316%
56	19.180	2733	2736	2742	rVV3	1007664	1486598	9.41%	1.259%
57	19.257	2745	2749	2754	rVV	107989	140169	0.89%	0.119%
58	19.298	2754	2756	2759	rVB3	18102	19600	0.12%	0.017%
59	19.398	2767	2773	2779	rBV	225245	492038	3.11%	0.417%
60	19.451	2779	2782	2789	rVV	174514	255406	1.62%	0.216%
61	19.522	2790	2794	2800	rVB2	44519	62203	0.39%	0.053%
62	19.645	2811	2815	2820	rBV	92400	123259	0.78%	0.104%
63	19.716	2821	2827	2832	rVB4	31572	66947	0.42%	0.057%
64	19.798	2837	2841	2844	rVV5	35649	43115	0.27%	0.037%
65	19.904	2855	2859	2862	rBV	55112	64463	0.41%	0.055%
66	19.951	2864	2867	2872	rVB4	26140	33537	0.21%	0.028%
67	20.216	2909	2912	2919	rBV3	43094	55324	0.35%	0.047%
68	20.522	2962	2964	2968	rVB4	30405	30734	0.19%	0.026%
69	21.363	3102	3107	3111	rBV	7122226	8318026	52.65%	7.044%
70	21.445	3116	3121	3126	rVV	2053505	2596563	16.43%	2.199%
71	23.851	3523	3530	3538	rBV	1323818	2555718	16.18%	2.164%

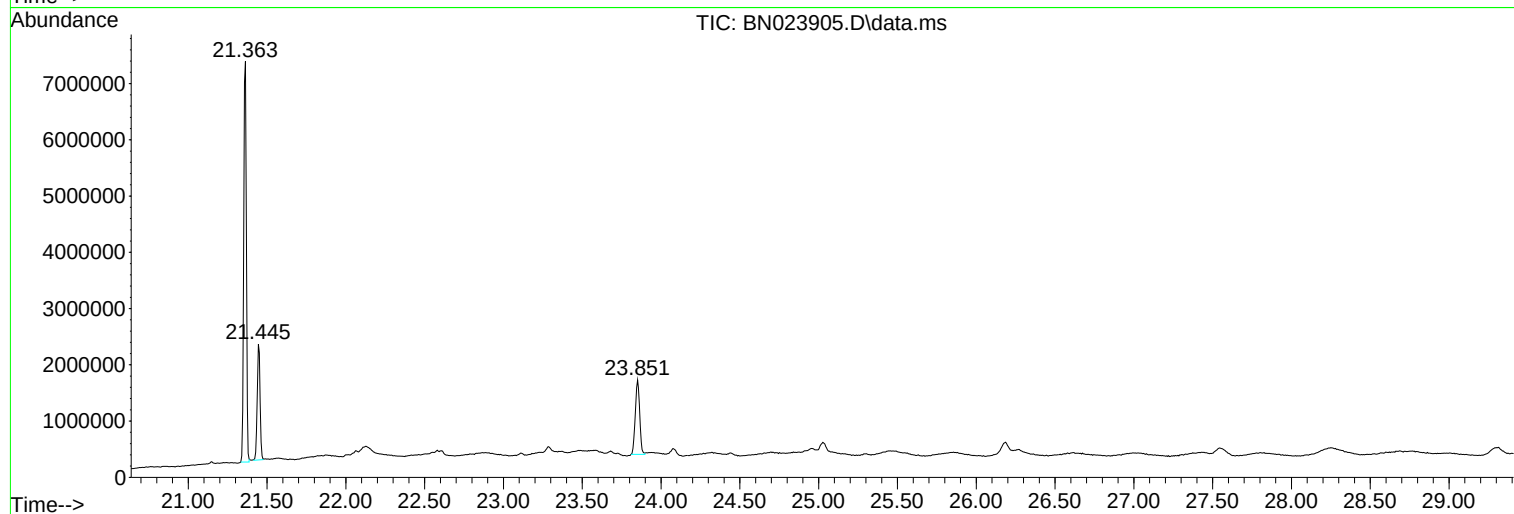
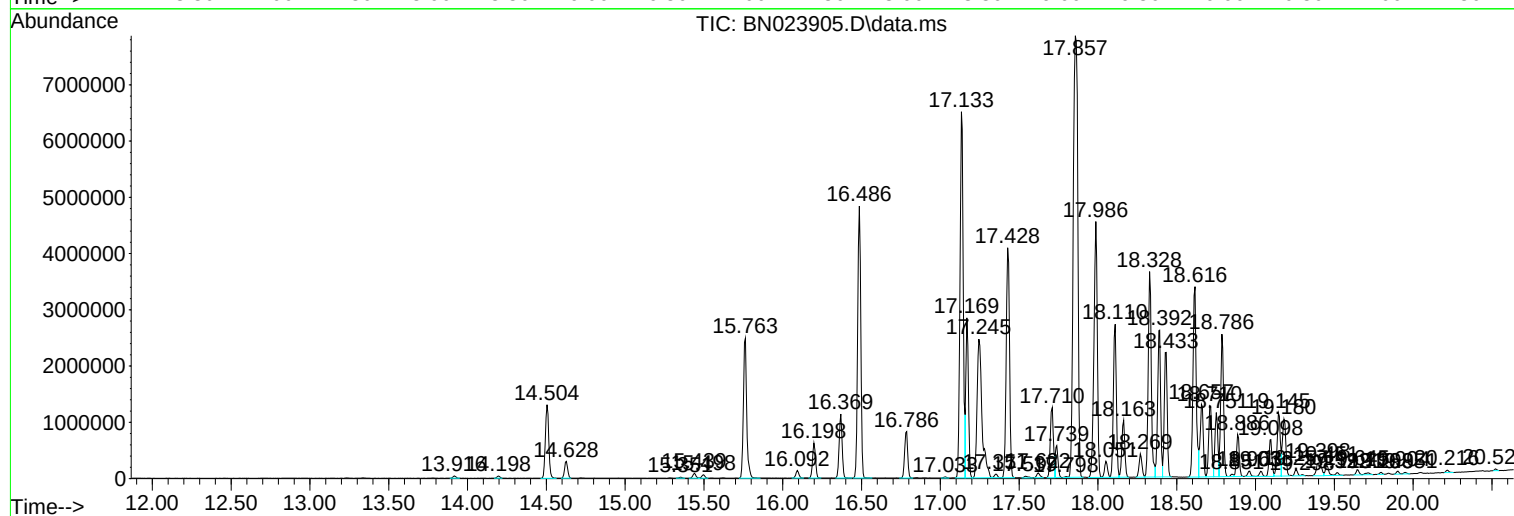
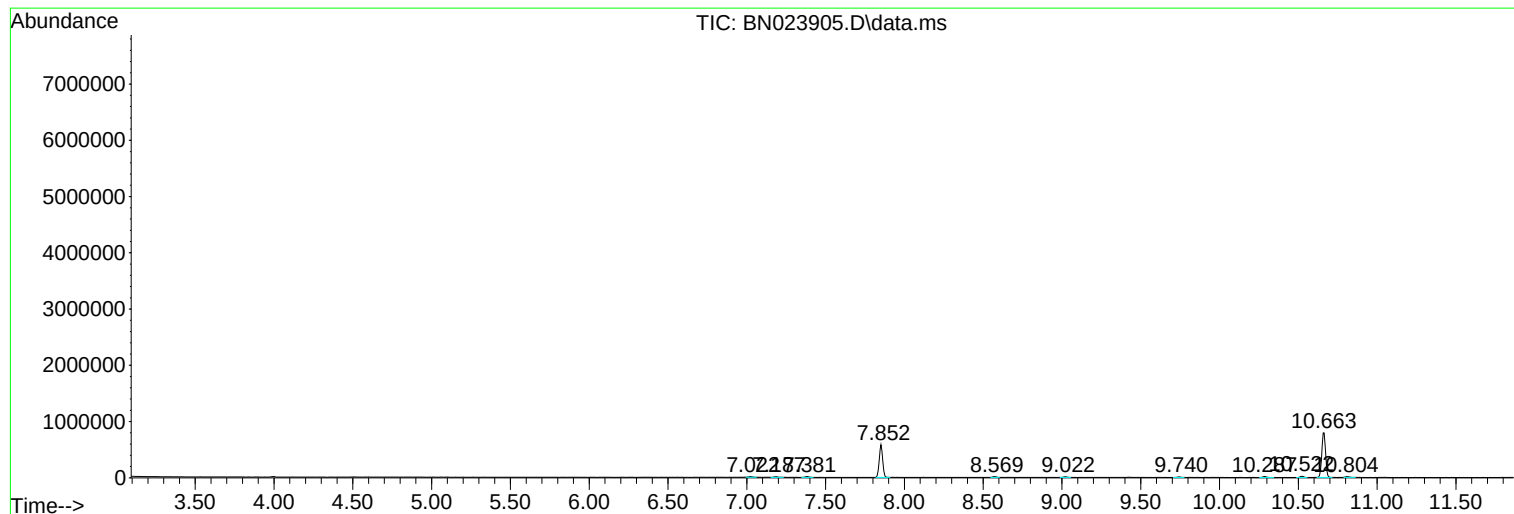
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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



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Operator : CG/JU
Sample : 01362-04DL 30X
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Instrument :
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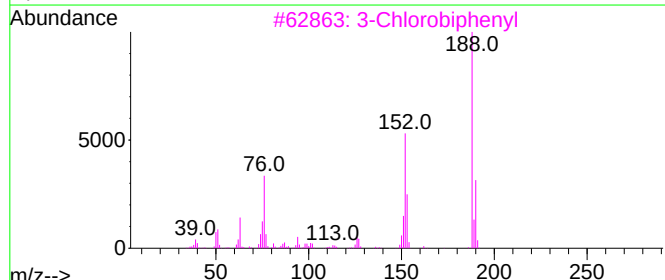
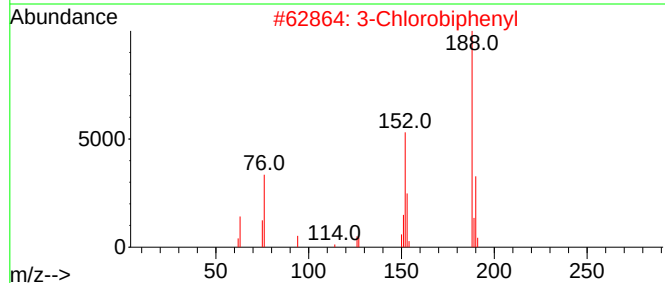
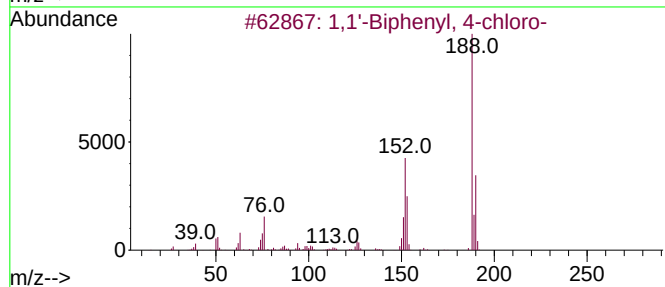
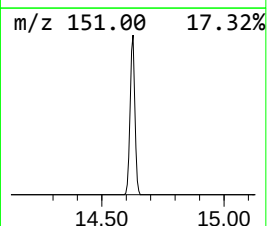
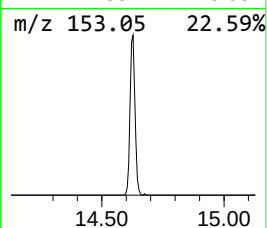
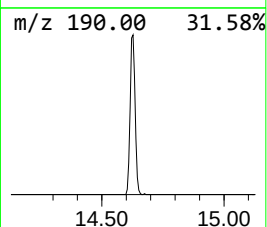
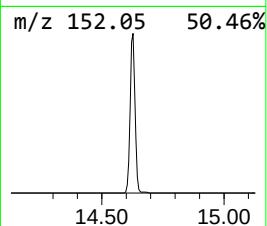
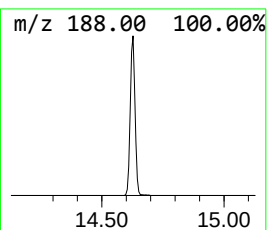
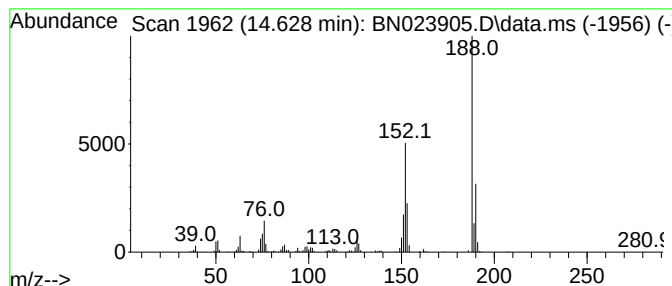
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,1'-Biphenyl, 4-chloro- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.628	4.22 ng/ul	409054	Acenaphthene-d10	14.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	98
2	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	97
3	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	97
4	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	97
5	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	95



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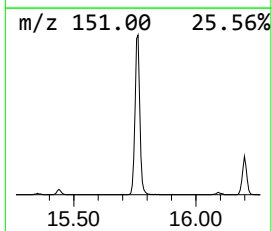
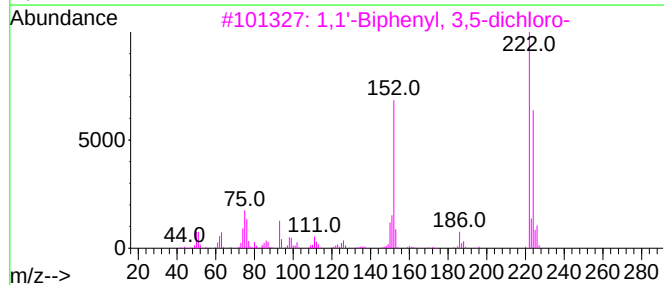
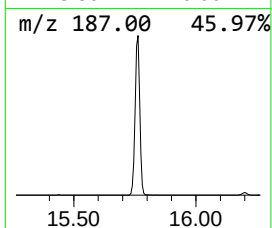
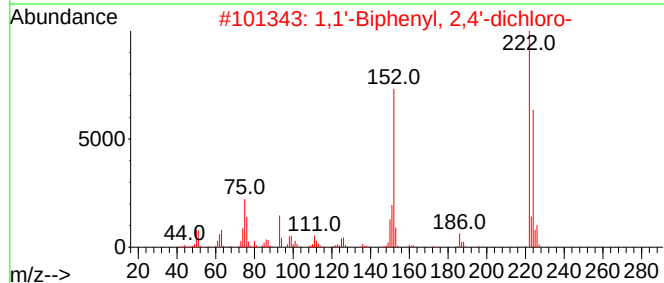
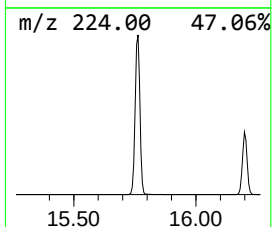
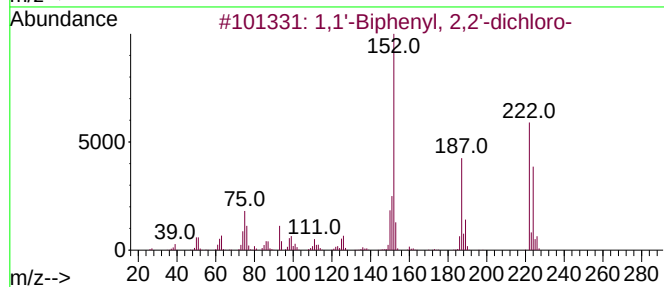
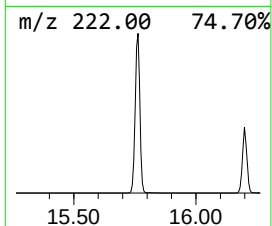
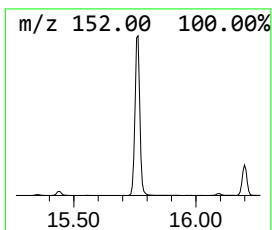
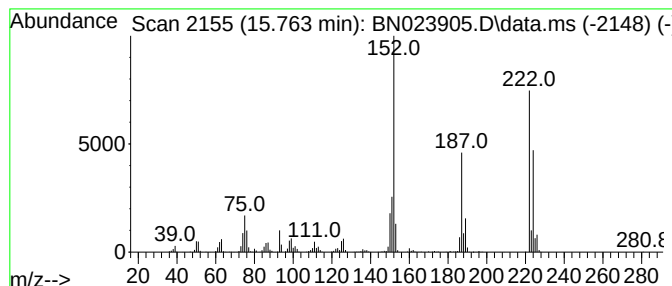
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.763	37.25 ng/ul	3614810	Acenaphthene-d10	14.504	
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, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97
3	1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	97
4	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	97
5	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	96



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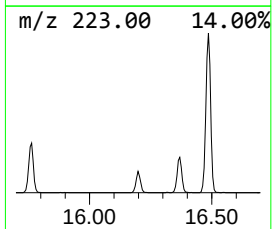
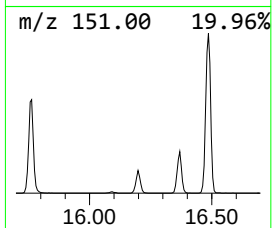
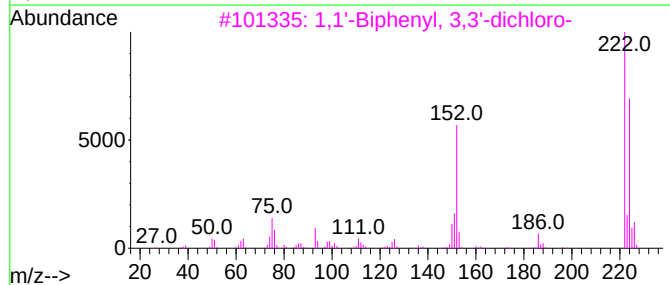
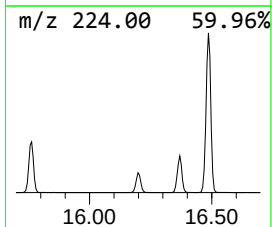
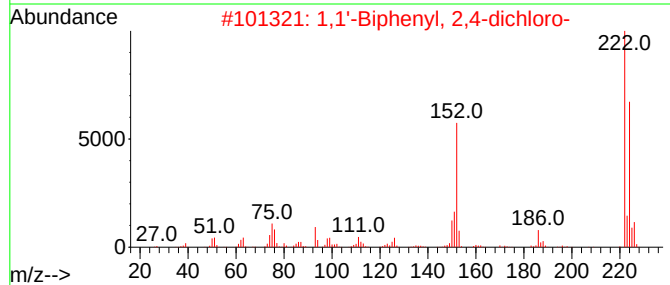
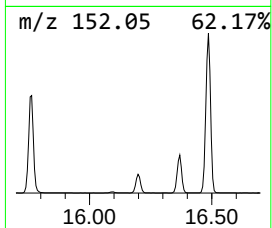
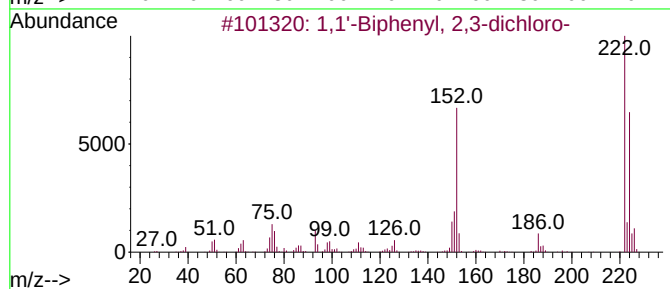
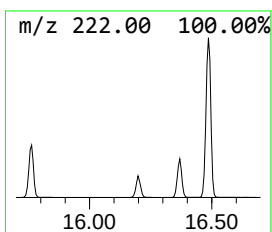
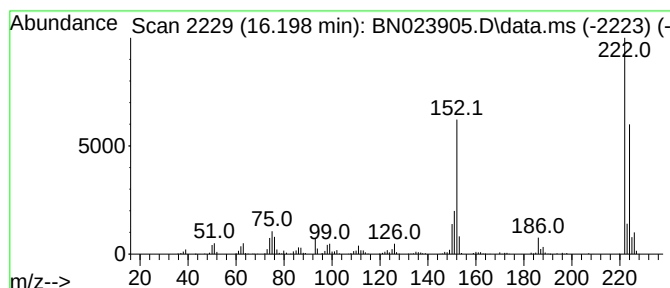
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.198	3.02 ng/ul	807205	Phenanthrene-d10	17.257	
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	033284-50-3	99
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99
4	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	97
5	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	97



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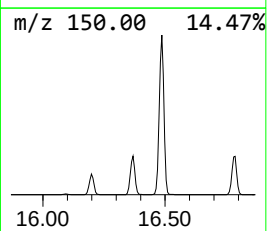
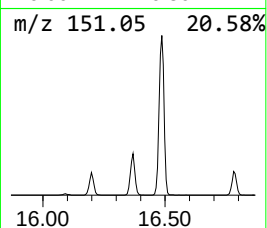
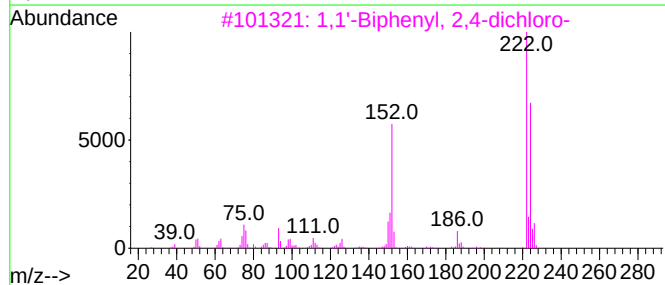
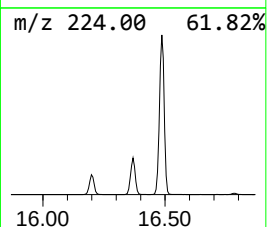
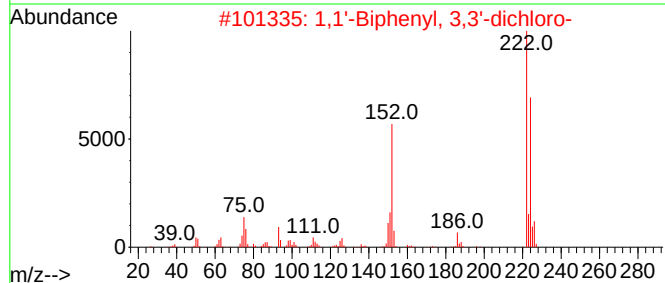
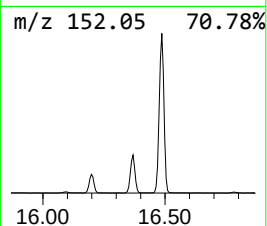
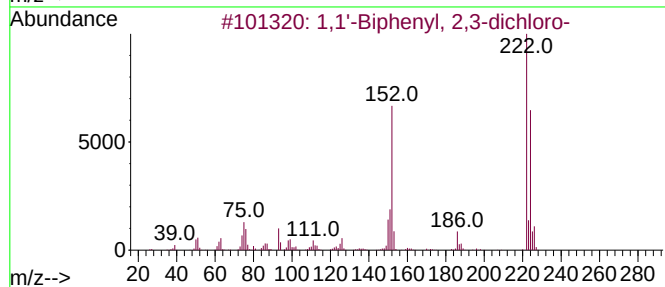
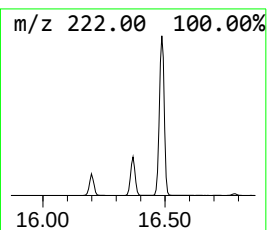
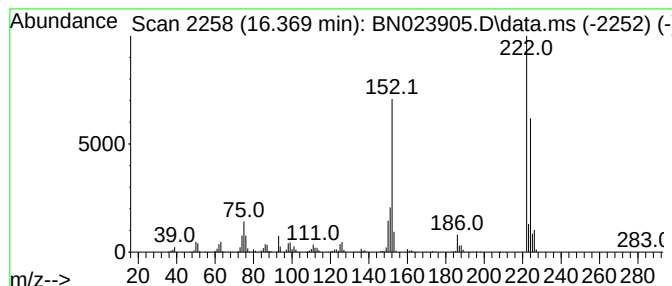
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Biphenyl, 3,3'-dichloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.369	5.58 ng/ul	1492630	Phenanthrene-d10	17.257	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	98
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
3	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	97
4	1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	97
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
Acq On : 02 Feb 2023 15:12
Operator : CG/JU
Sample : 01362-04DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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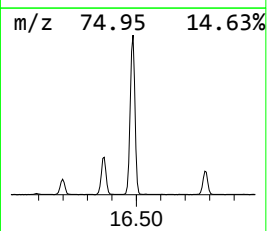
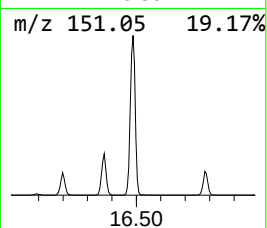
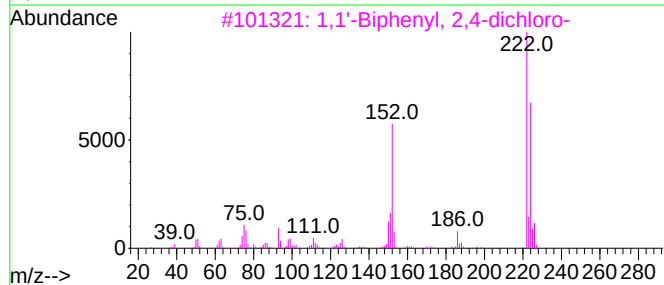
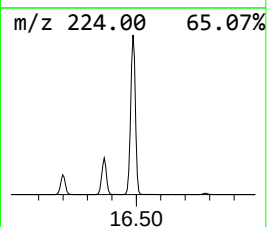
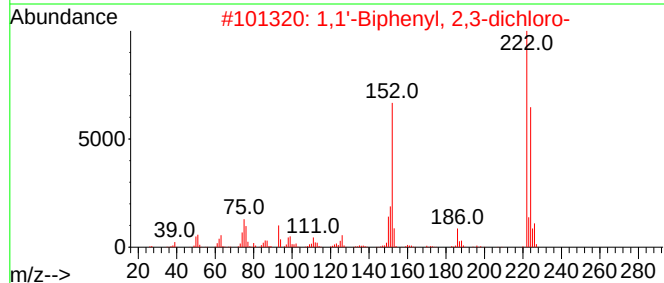
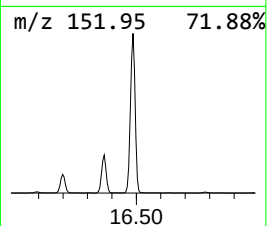
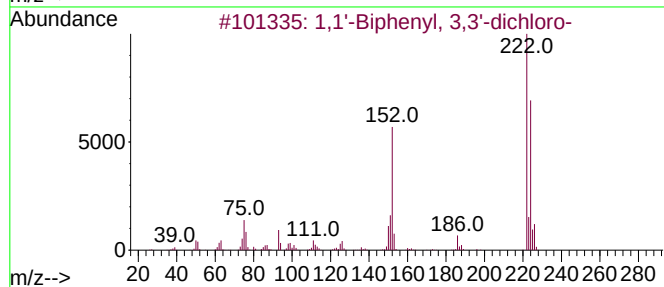
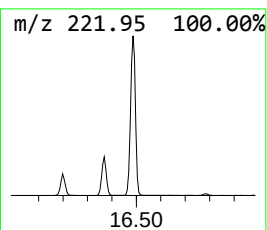
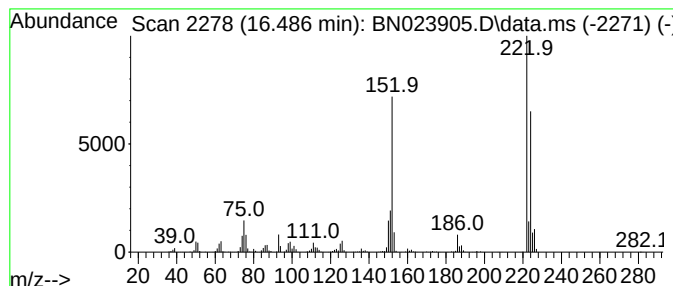
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	24.36 ng/ul	6514290	Phenanthrene-d10	17.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99		
2	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99		
3	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99		
4	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	98		
5	1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	98		



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Sample : 01362-04DL 30X
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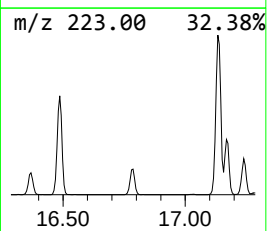
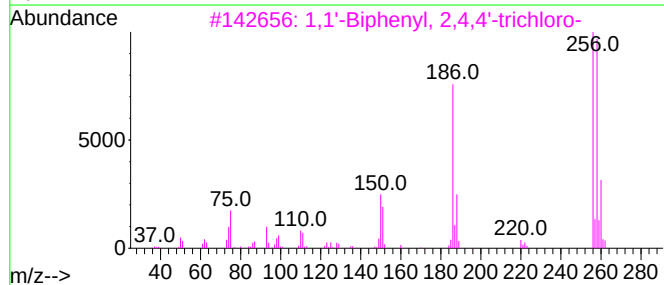
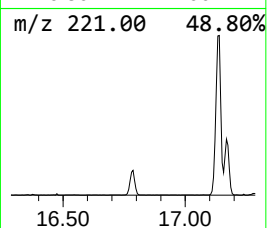
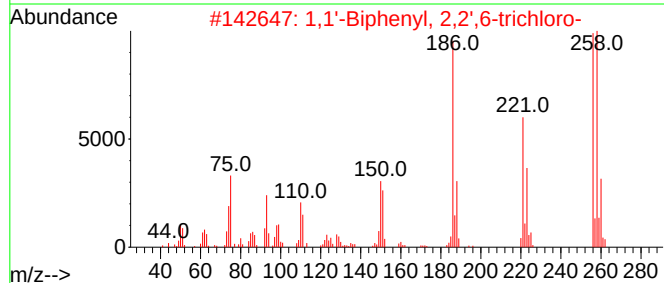
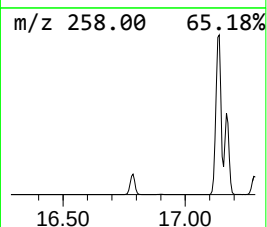
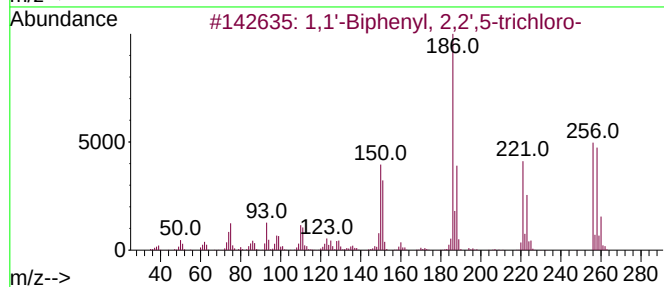
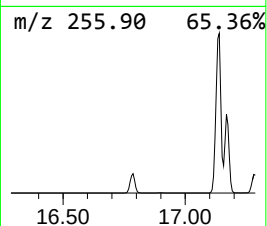
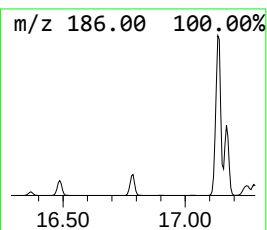
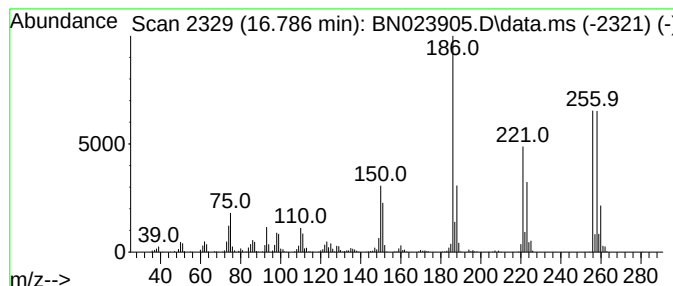
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.786	4.23 ng/ul	1131710	Phenanthrene-d10	17.257	
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',6-trichloro-	256	C12H7Cl3	038444-73-4	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
Acq On : 02 Feb 2023 15:12
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ClientSampleId :
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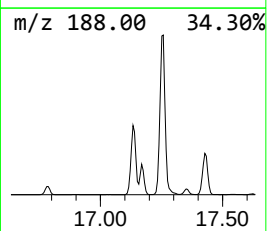
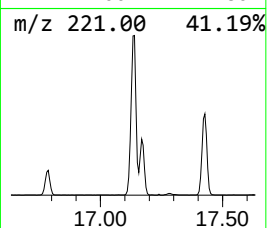
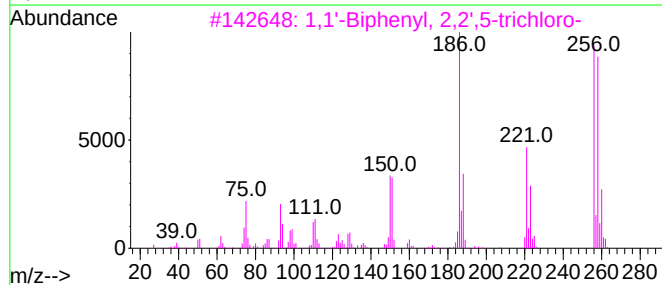
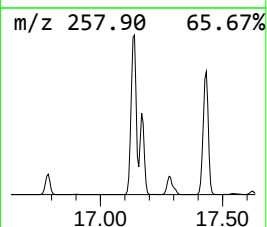
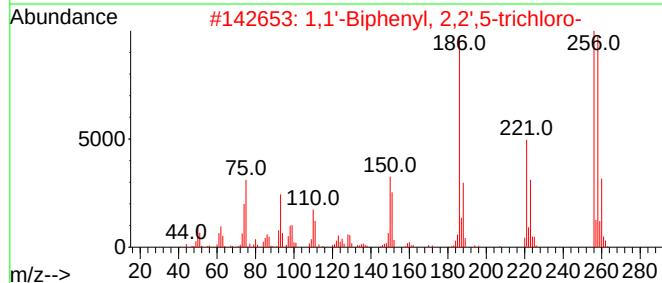
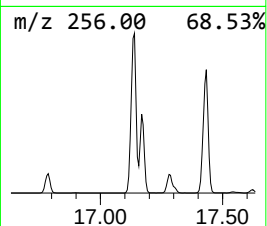
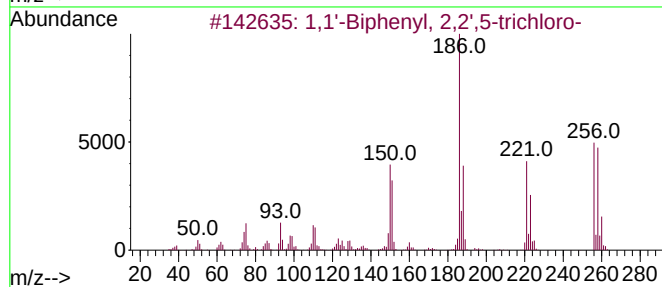
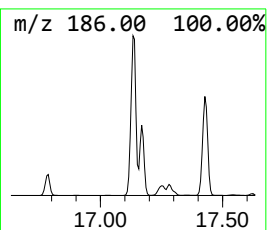
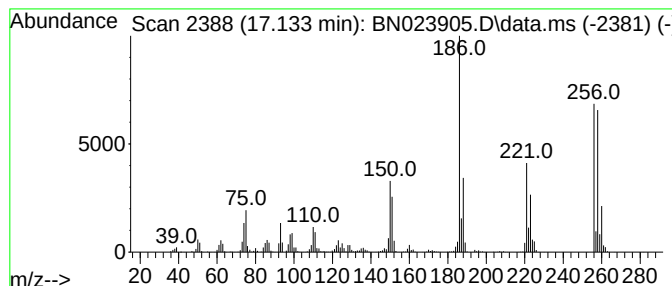
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,2',6-trich... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.133	35.45 ng/ul	9478220	Phenanthrene-d10	17.257

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',5-trichloro-	256	C12H7Cl3	037680-65-2	99		
4	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99		
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
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Sample : 01362-04DL 30X
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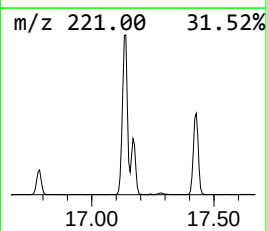
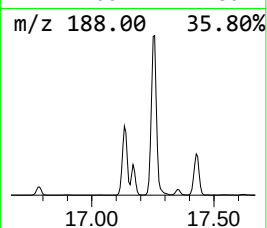
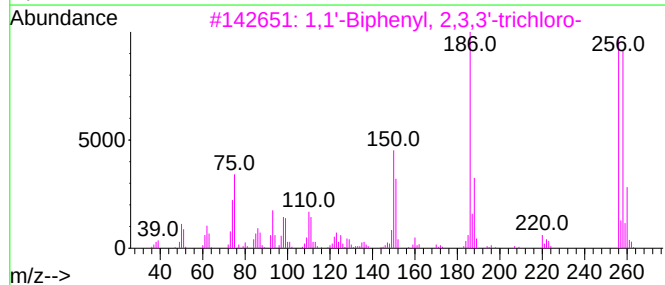
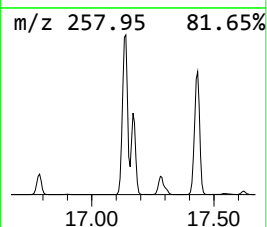
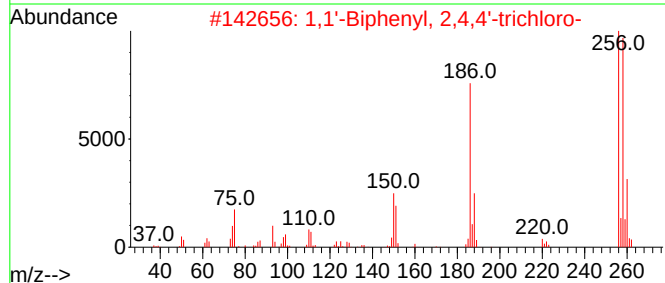
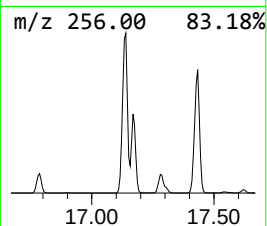
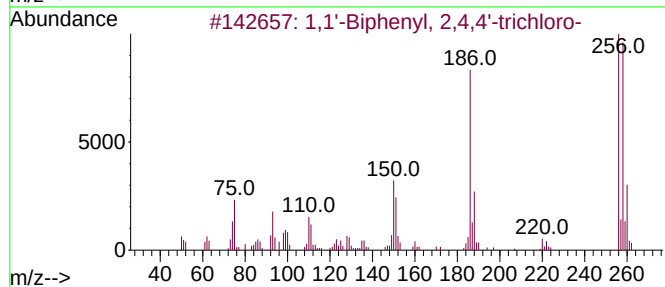
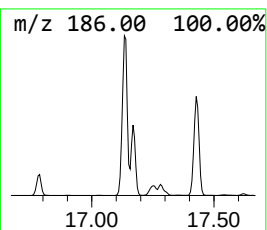
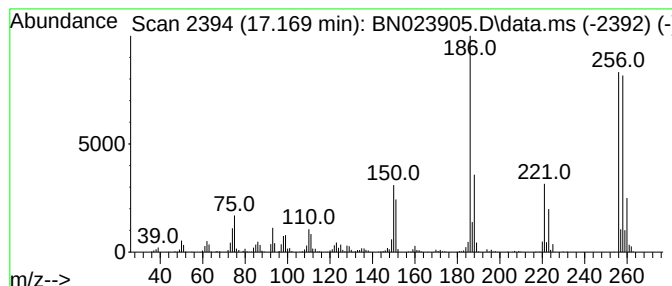
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.169	11.64 ng/ul	3113140	Phenanthrene-d10	17.257	
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',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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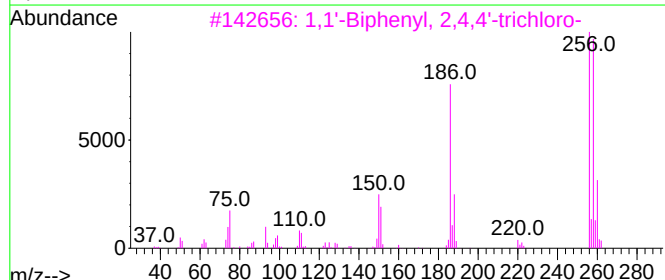
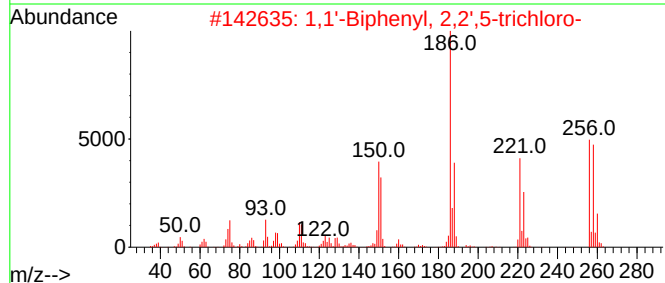
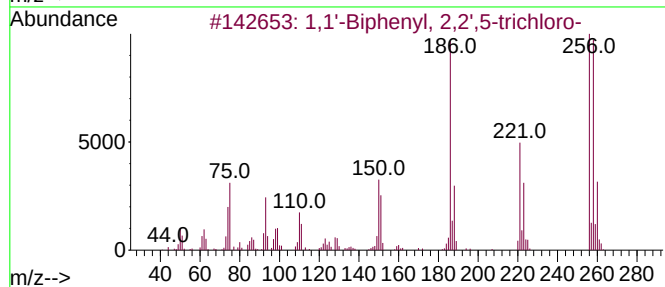
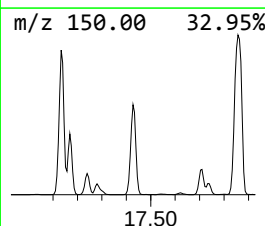
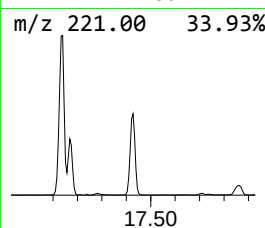
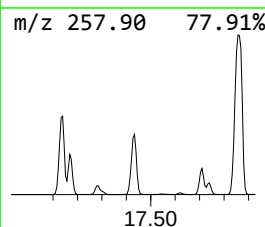
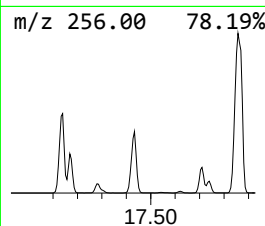
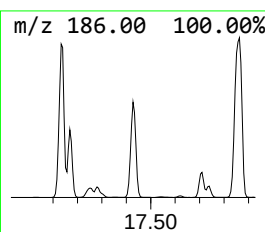
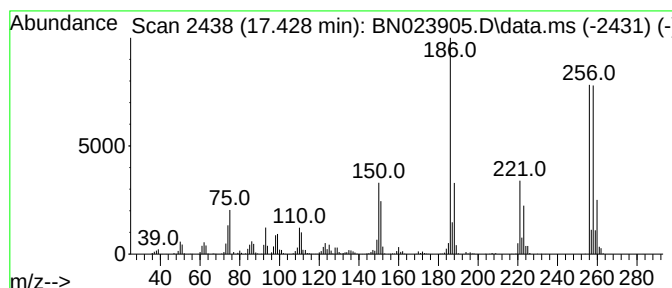
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.428	22.58 ng/ul	6037280	Phenanthrene-d10	17.257

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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
5	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99		



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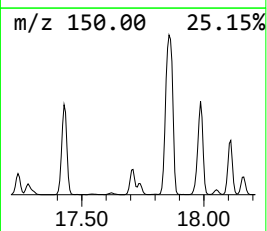
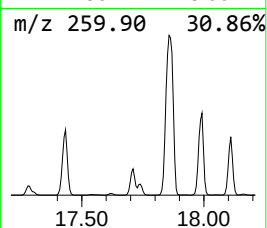
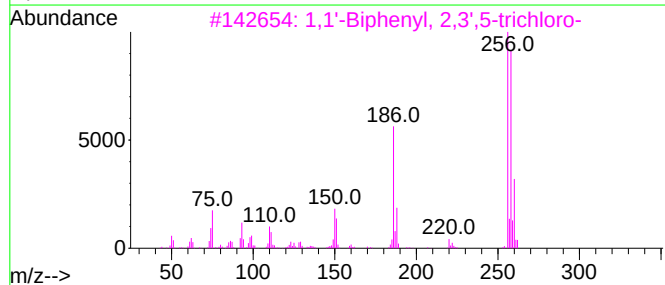
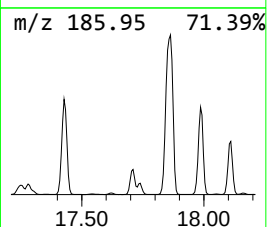
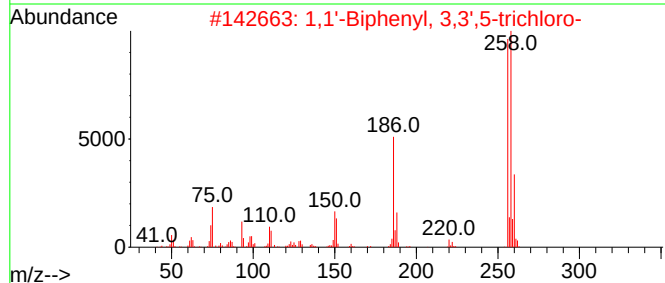
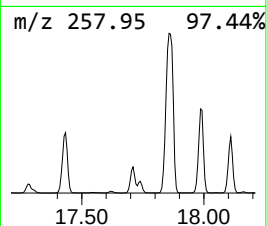
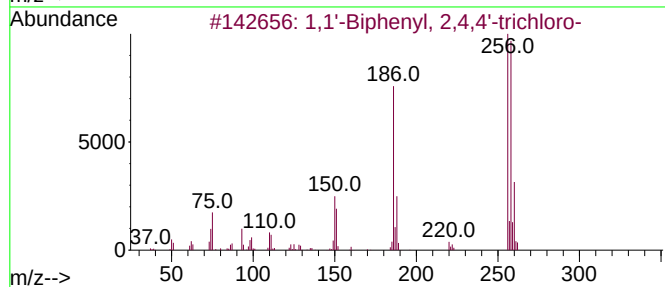
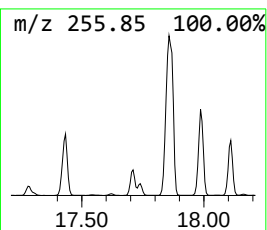
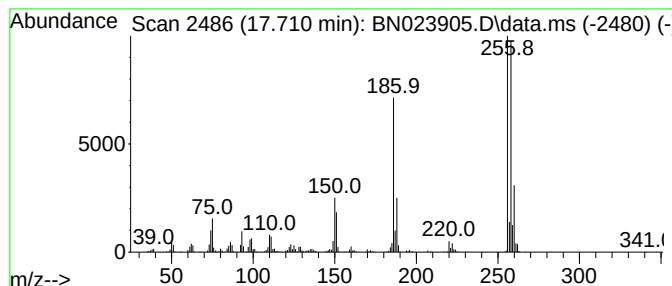
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.710	6.65 ng/ul	1776840	Phenanthrene-d10	17.257	
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, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
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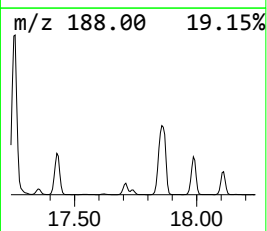
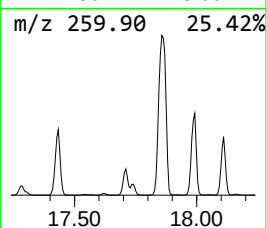
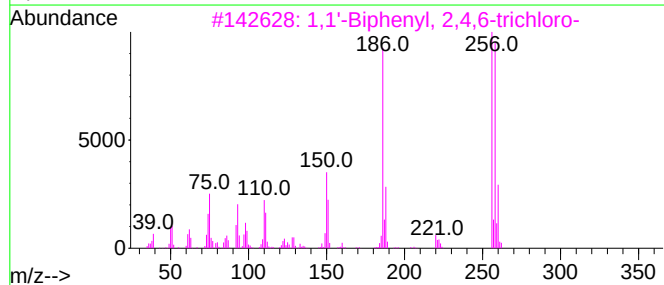
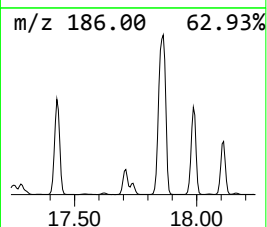
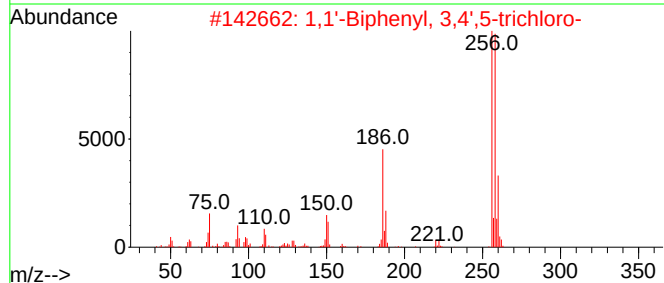
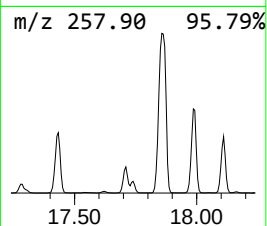
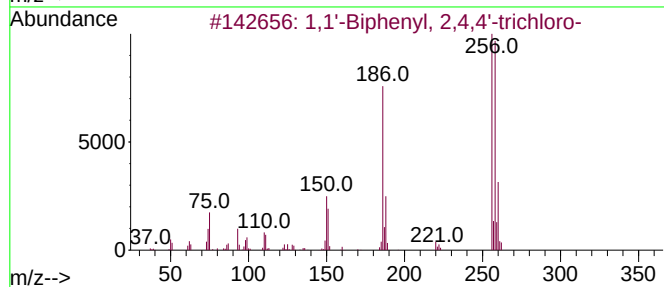
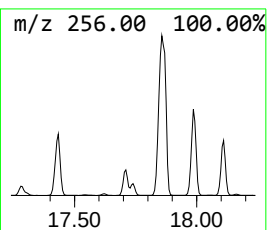
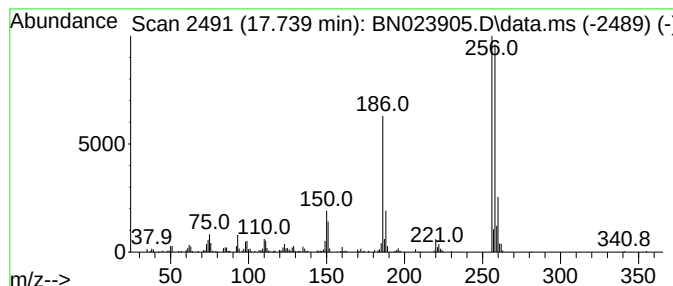
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 3,4',5-trich... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.739	2.20 ng/ul	588064	Phenanthrene-d10	17.257

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98	
2	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	98	
3	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	98	
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	96	
5	2,3,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	055720-44-0	95	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
Acq On : 02 Feb 2023 15:12
Operator : CG/JU
Sample : 01362-04DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4442DL

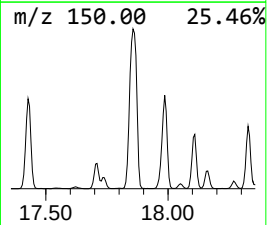
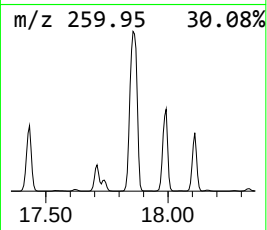
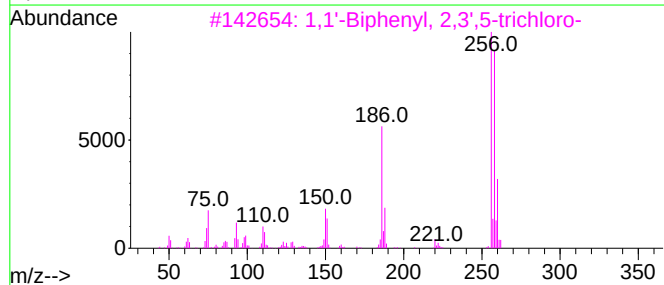
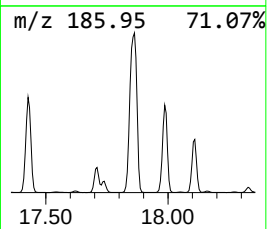
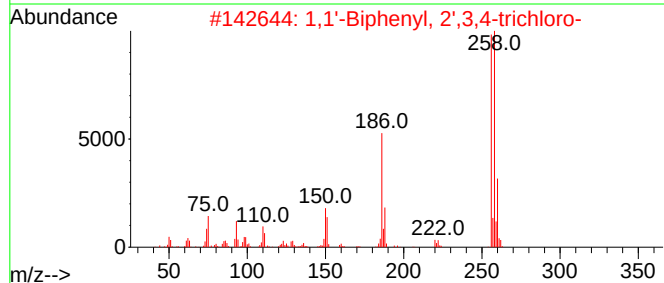
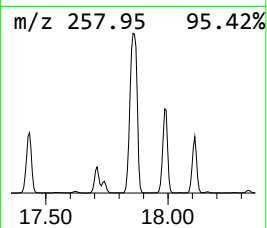
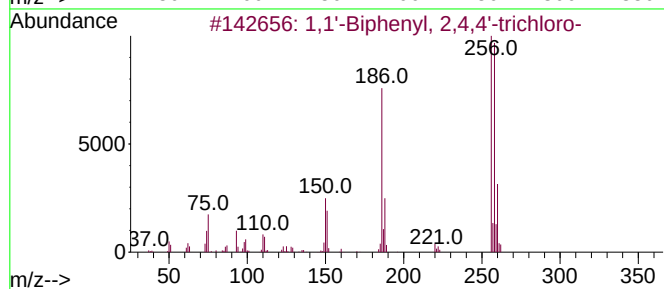
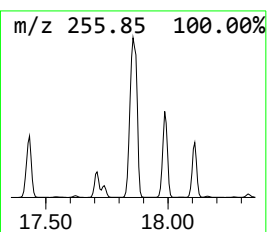
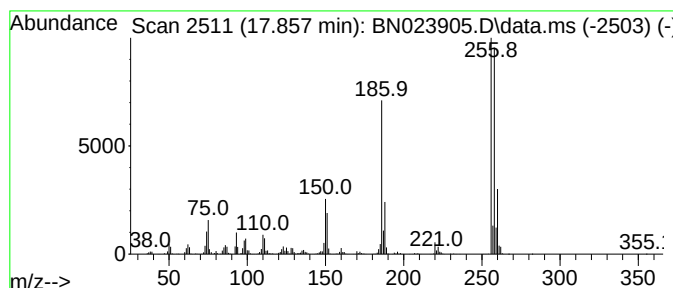
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.857	59.09 ng/ul	15799200	Phenanthrene-d10	17.257

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
Acq On : 02 Feb 2023 15:12
Operator : CG/JU
Sample : 01362-04DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4442DL

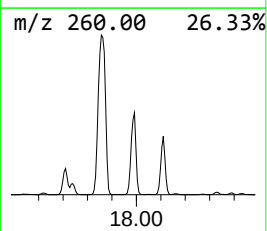
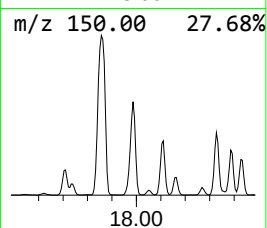
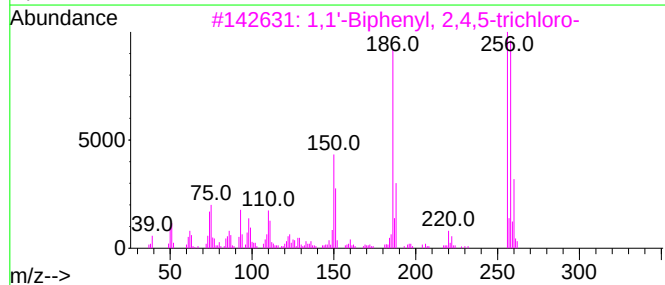
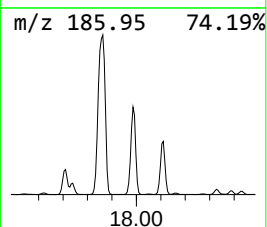
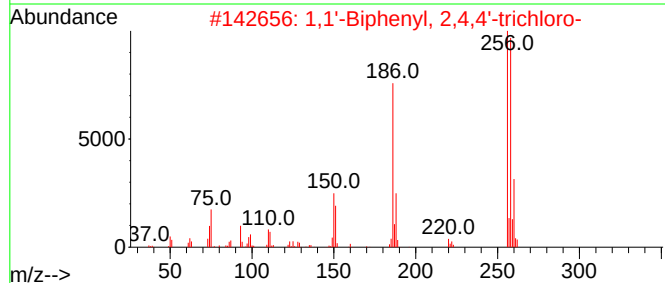
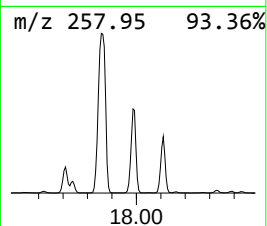
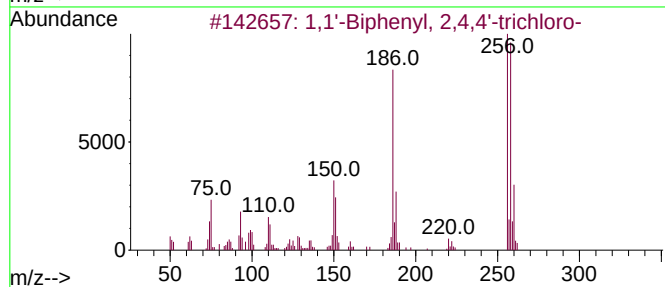
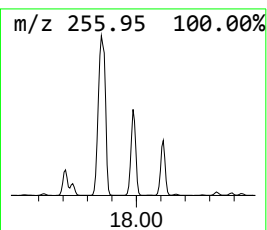
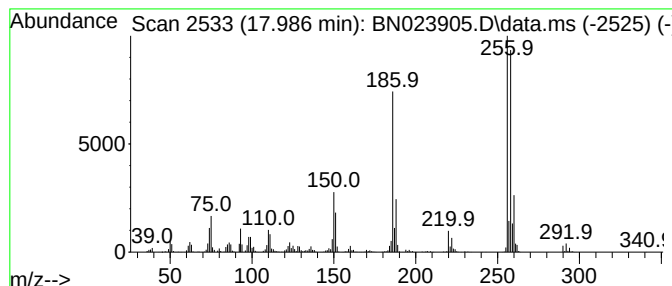
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,4,5-trichl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	25.43 ng/ul	6799540	Phenanthrene-d10	17.257

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, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99	
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99	
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
Acq On : 02 Feb 2023 15:12
Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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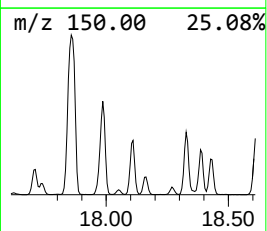
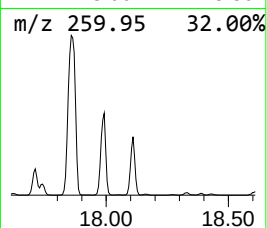
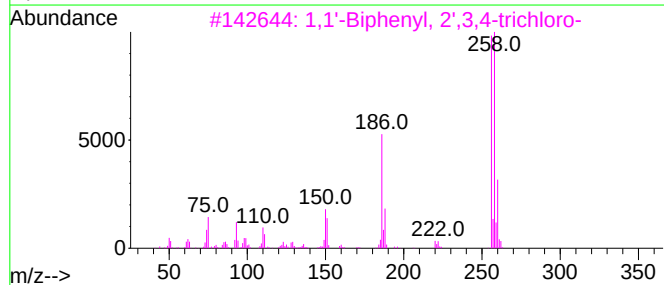
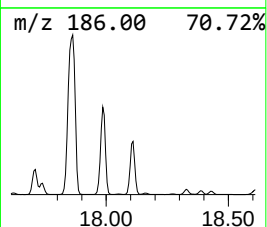
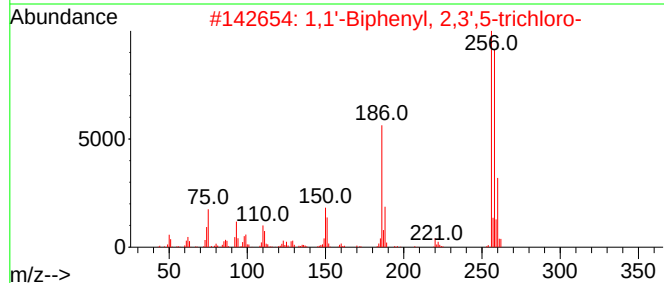
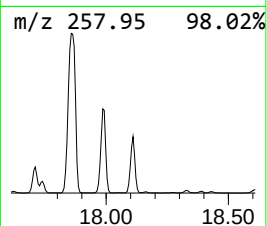
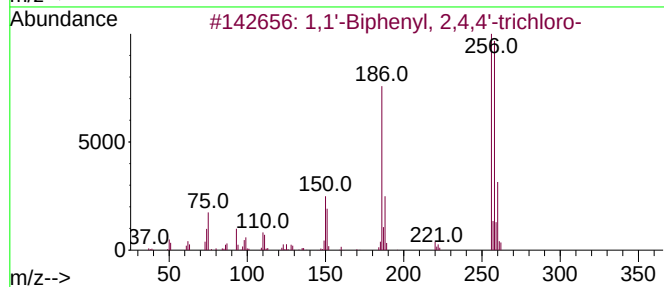
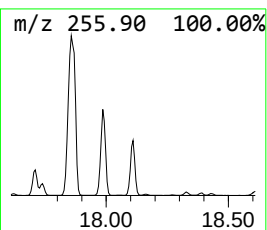
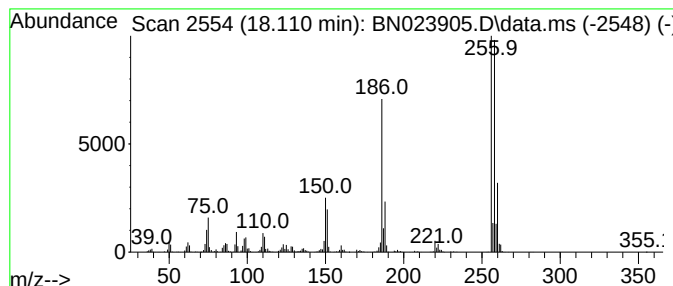
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	13.06 ng/ul	3490950	Phenanthrene-d10	17.257

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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Operator : CG/JU
Sample : 01362-04DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

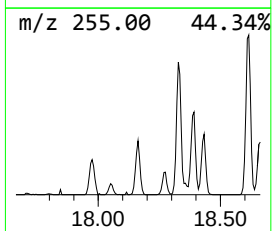
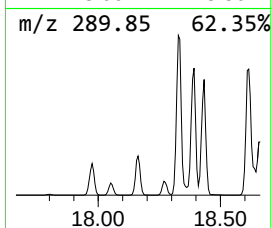
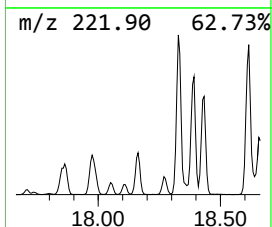
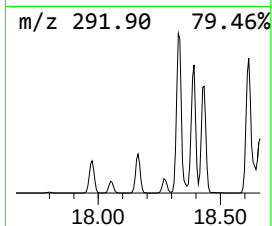
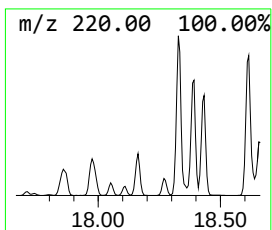
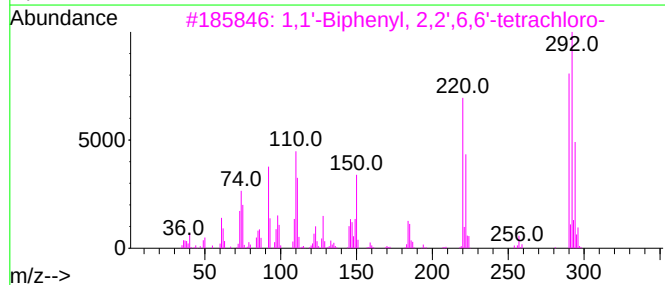
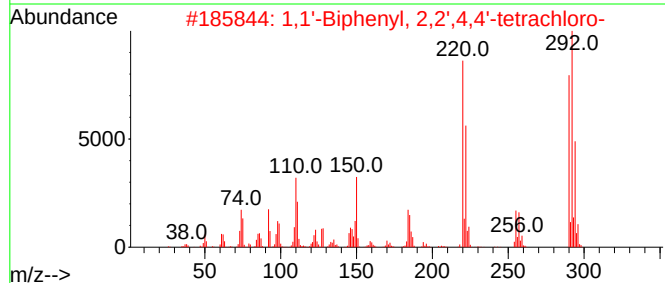
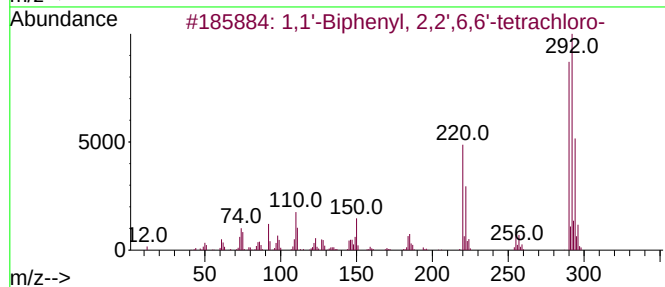
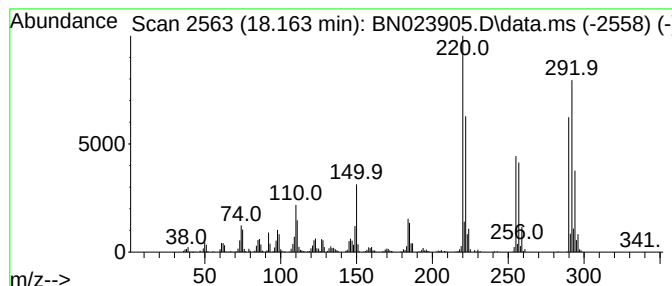
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.163	4.97 ng/ul	1329300	Phenanthrene-d10	17.257	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-1,1'-biphenyl	290	C12H6Cl4	015968-05-5	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-1,1'-biphenyl	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-1,1'-biphenyl	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-1,1'-biphenyl	290	C12H6Cl4	002437-79-8	98
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
Acq On : 02 Feb 2023 15:12
Operator : CG/JU
Sample : 01362-04DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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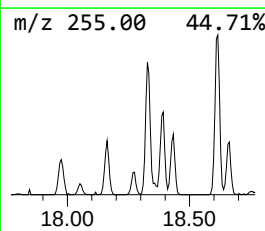
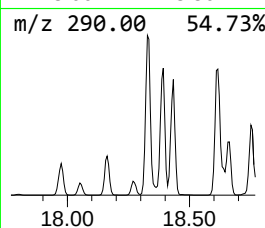
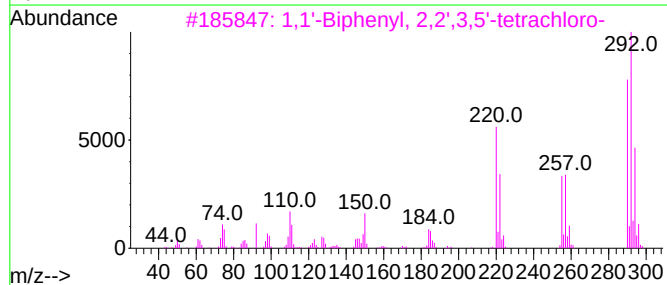
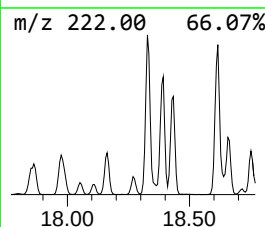
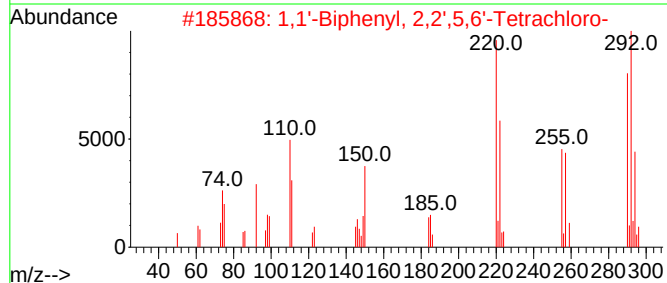
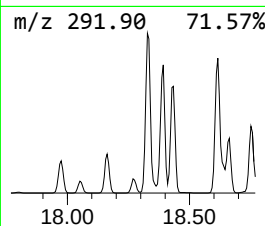
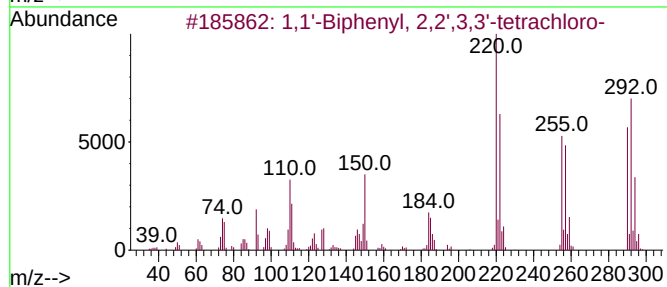
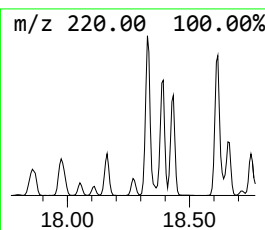
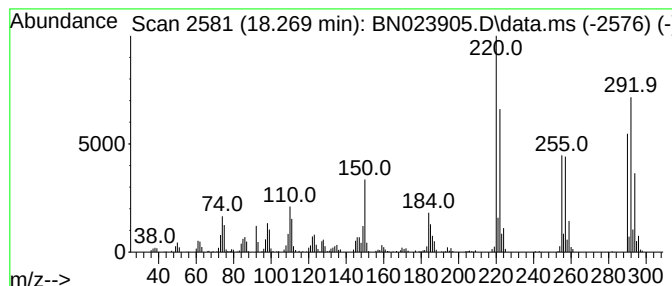
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,2',3,3'-te... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	2.02 ng/ul	539504	Phenanthrene-d10	17.257

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',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99		
3	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99		
4	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99		
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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Operator : CG/JU
Sample : 01362-04DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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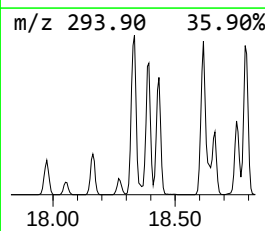
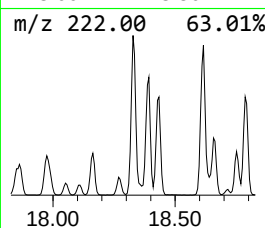
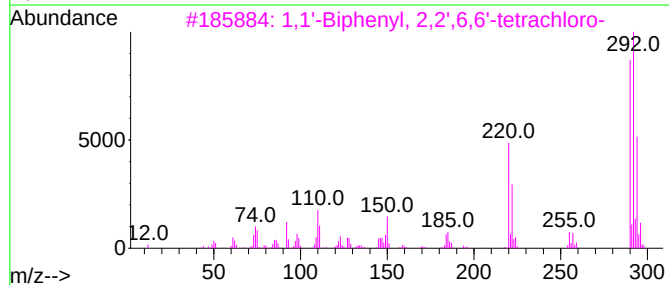
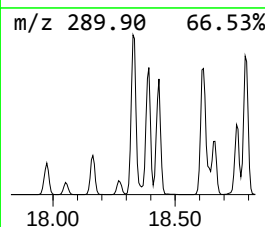
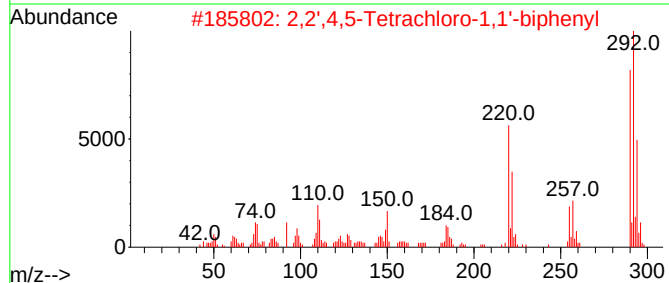
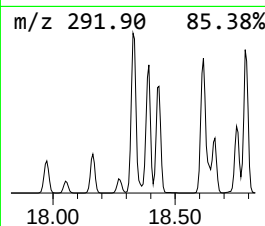
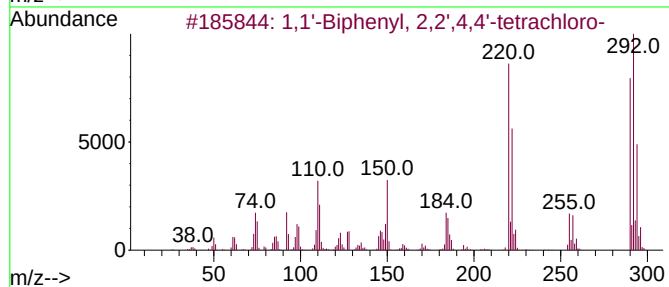
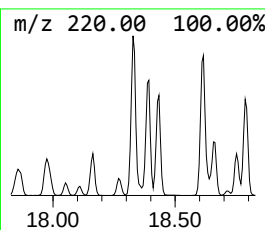
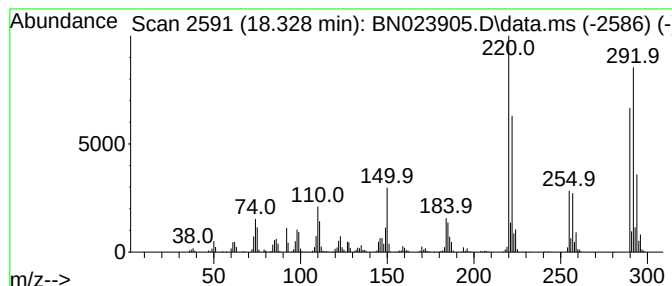
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	18.47 ng/ul	4937670	Phenanthrene-d10	17.257

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',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99		
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99		
4	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99		
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
Acq On : 02 Feb 2023 15:12
Operator : CG/JU
Sample : 01362-04DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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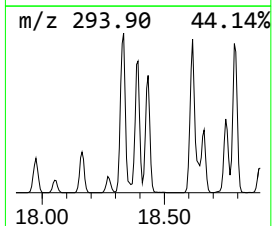
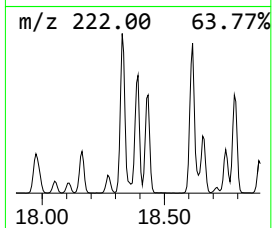
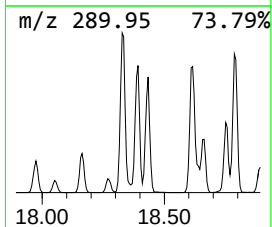
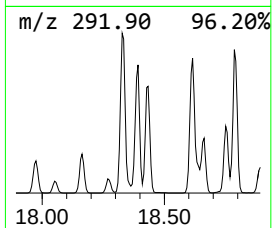
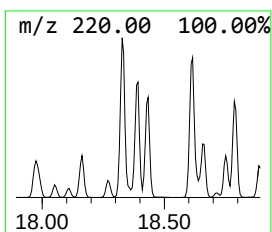
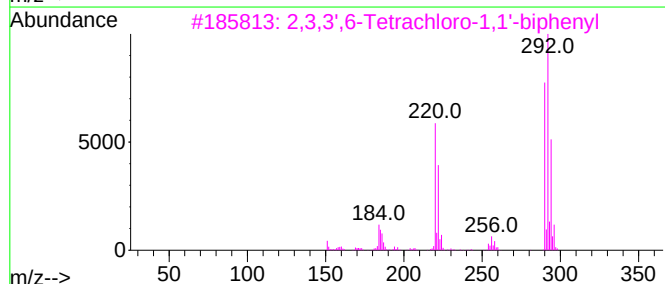
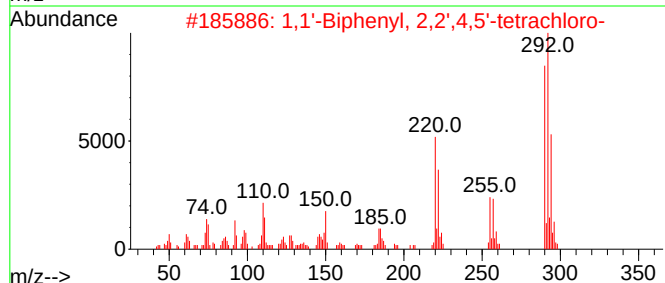
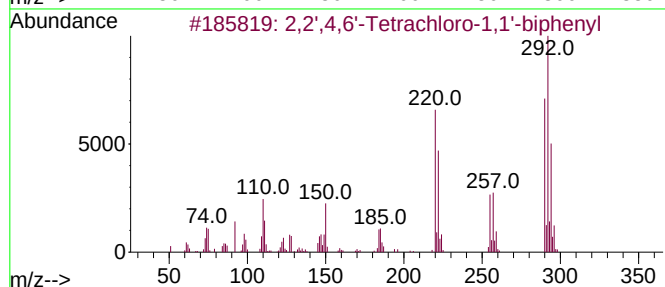
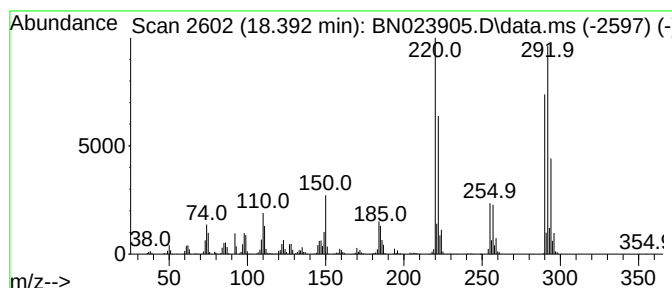
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	13.10 ng/ul	3503150	Phenanthrene-d10	17.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99		
2	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	290	C12H6Cl4	041464-40-8	99		
3	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99		
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99		
5	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	290	C12H6Cl4	015968-05-5	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
Acq On : 02 Feb 2023 15:12
Operator : CG/JU
Sample : 01362-04DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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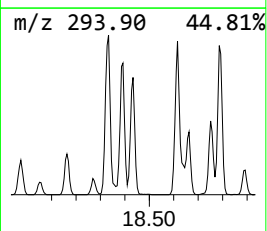
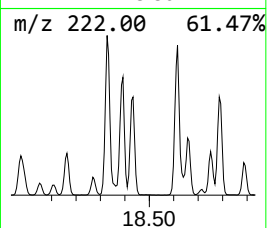
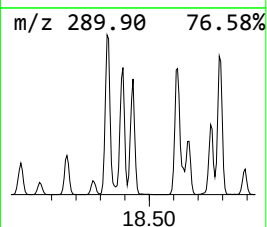
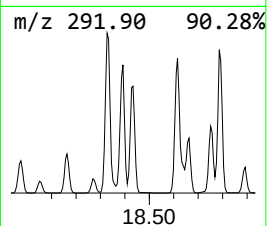
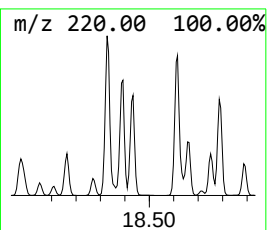
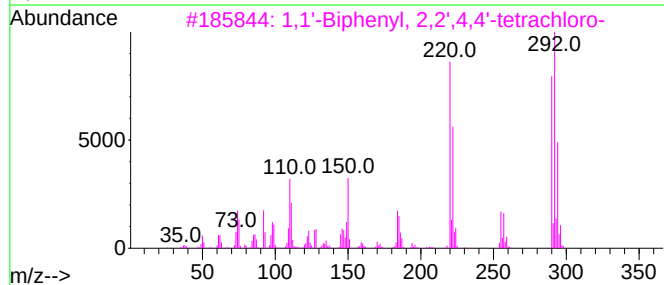
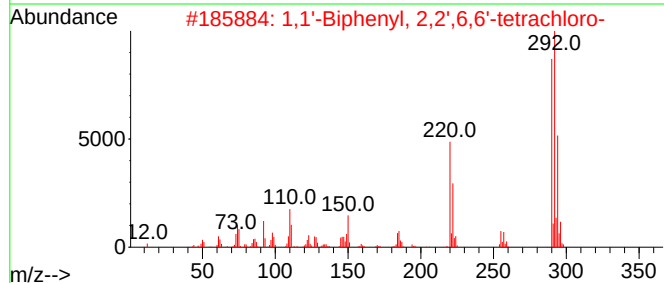
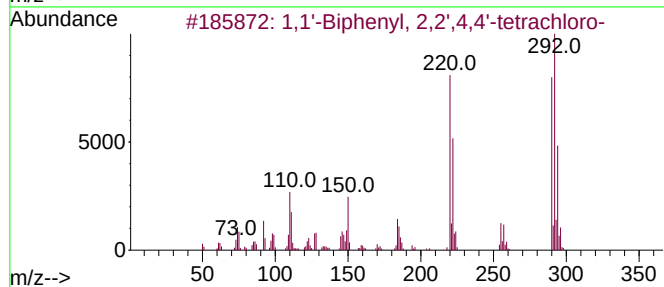
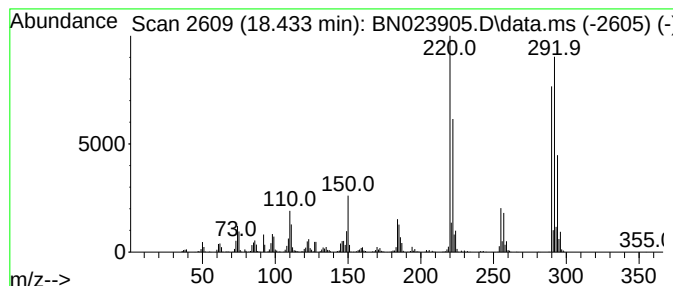
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	10.74 ng/ul	2871630	Phenanthrene-d10	17.257

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',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99	
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99	
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99	
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
Acq On : 02 Feb 2023 15:12
Operator : CG/JU
Sample : 01362-04DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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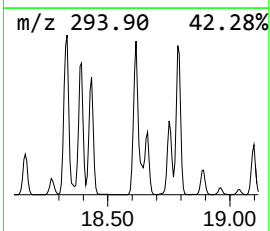
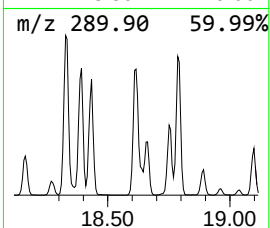
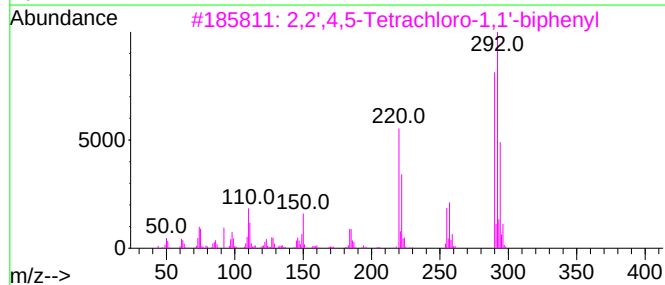
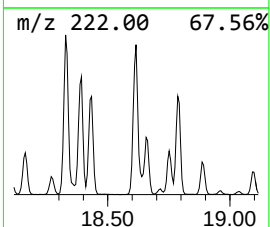
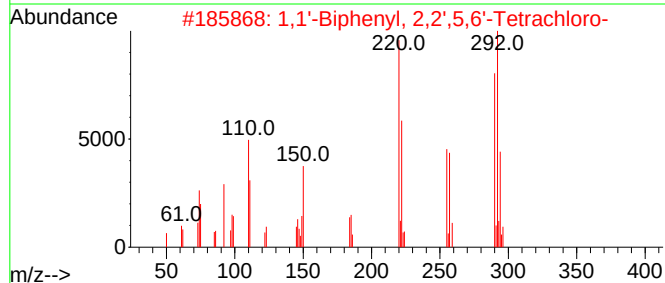
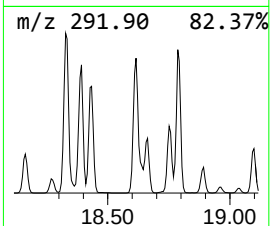
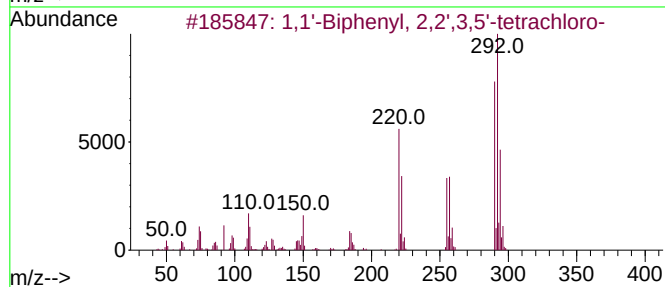
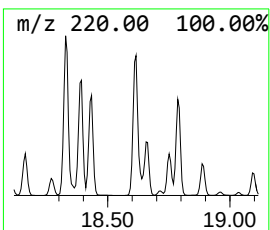
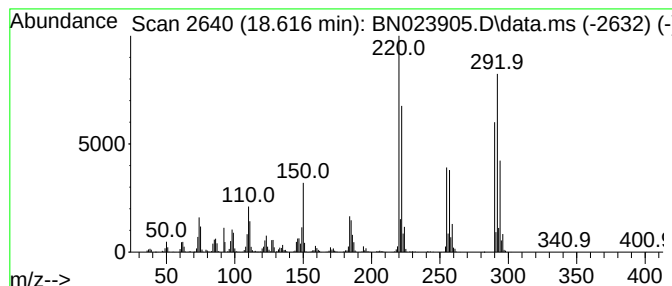
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 1,1'-Biphenyl, 2,2',3,5'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	18.40 ng/ul	4919420	Phenanthrene-d10	17.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99		
2	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99		
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99		
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99		
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
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Operator : CG/JU
Sample : 01362-04DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

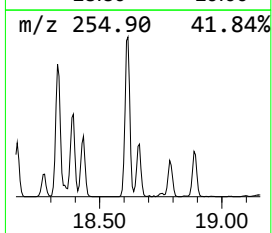
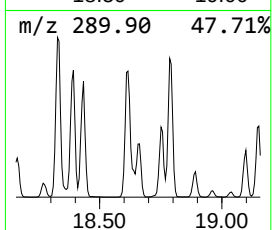
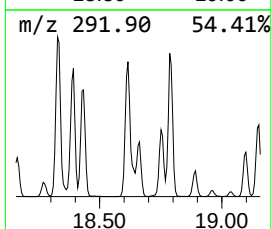
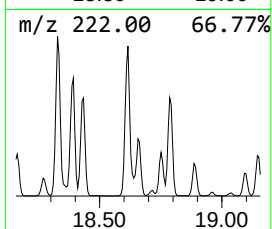
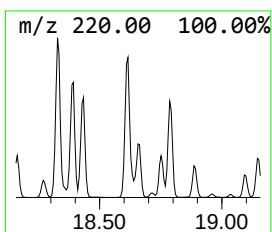
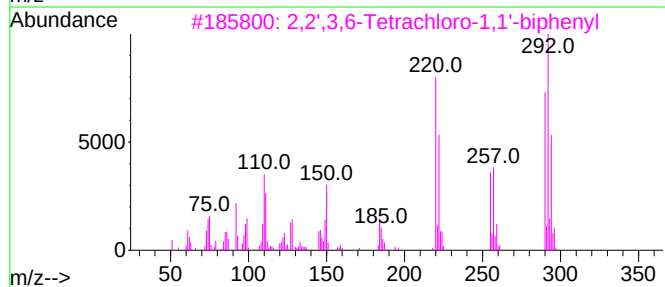
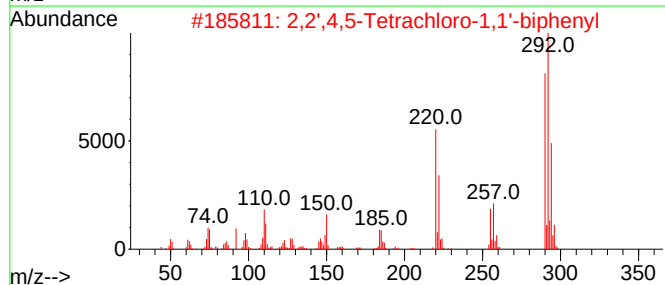
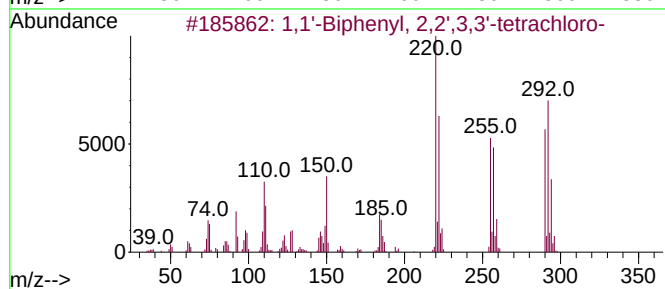
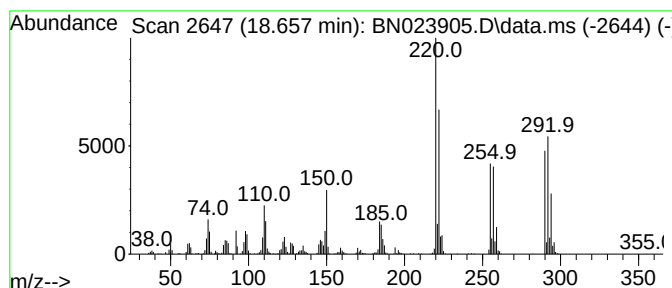
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	6.46 ng/ul	1728270	Phenanthrene-d10	17.257
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',4,5-Tetrachloro-1,1'-biphenyl	290 C12H6Cl4	070362-47-9	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290 C12H6Cl4	070362-45-7	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290 C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290 C12H6Cl4	041464-39-5	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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Sample : 01362-04DL 30X
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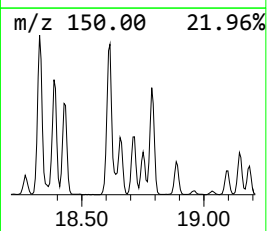
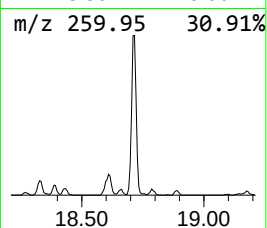
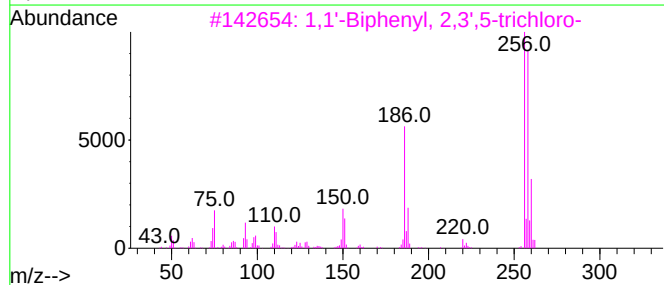
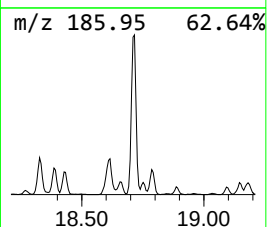
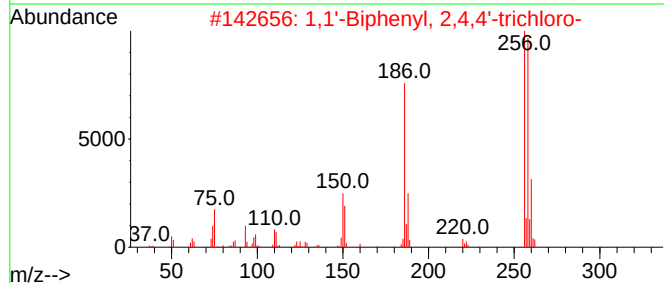
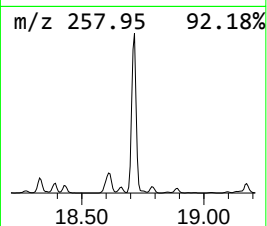
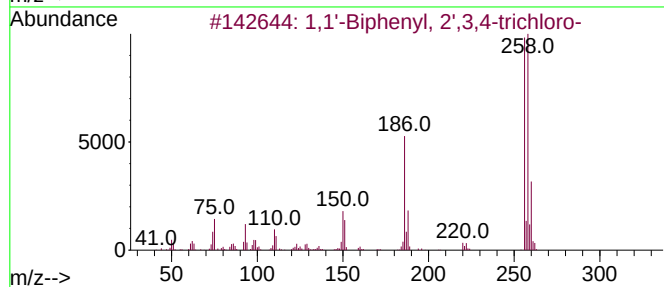
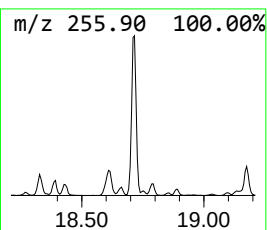
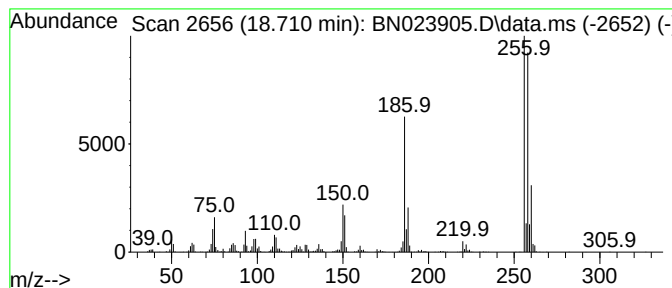
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.710	6.39 ng/ul	1709110	Phenanthrene-d10	17.257	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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Sample : 01362-04DL 30X
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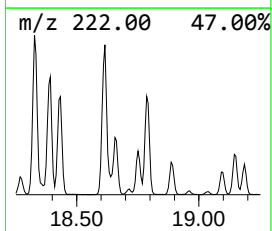
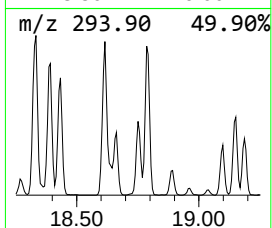
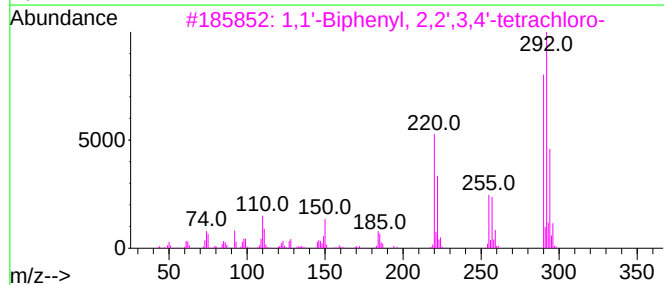
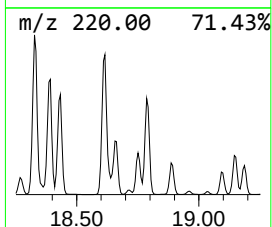
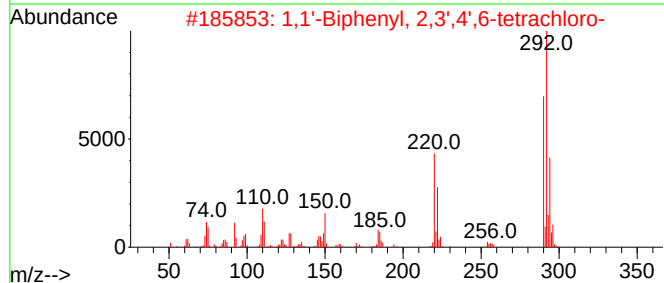
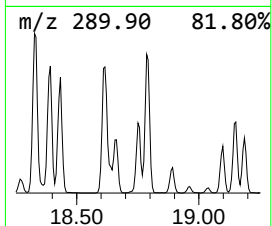
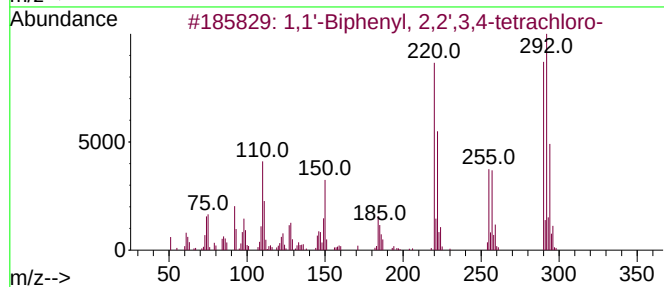
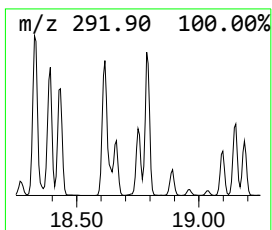
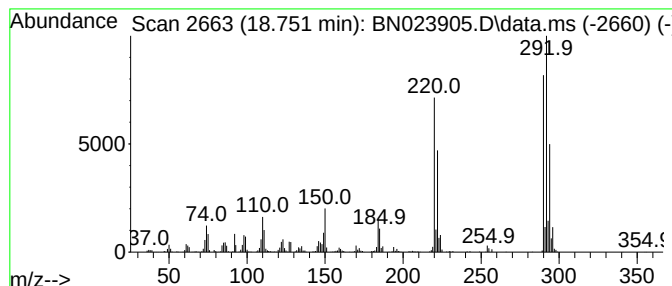
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.751	5.42 ng/ul	1449930	Phenanthrene-d10	17.257	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
3	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	98
5	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
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Operator : CG/JU
Sample : 01362-04DL 30X
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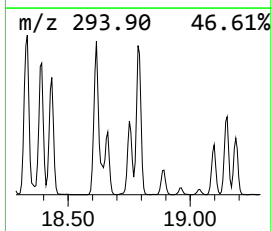
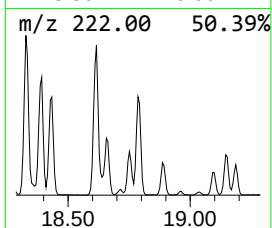
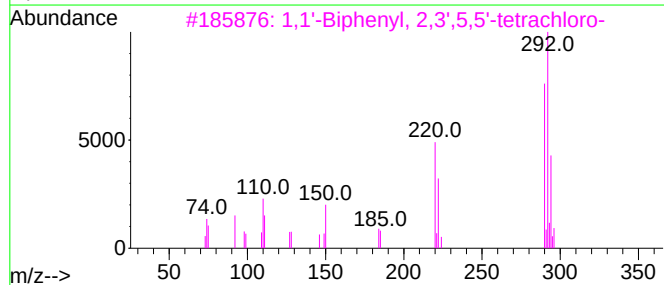
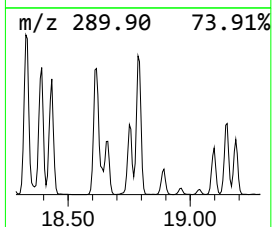
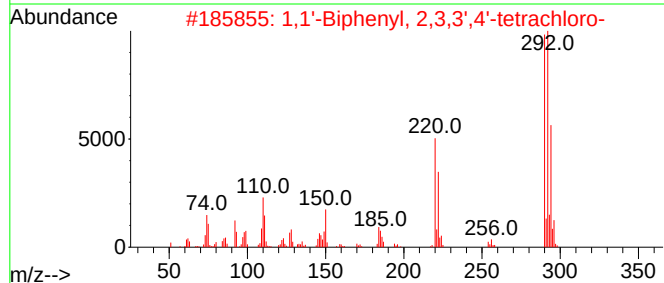
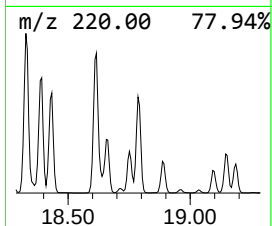
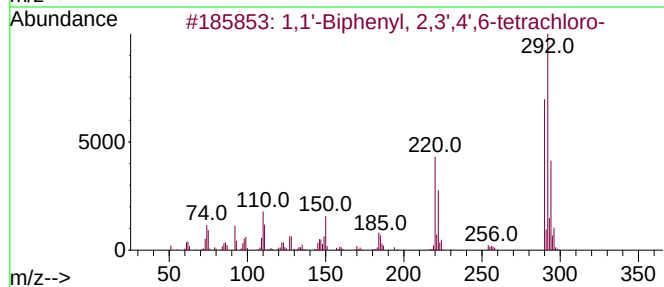
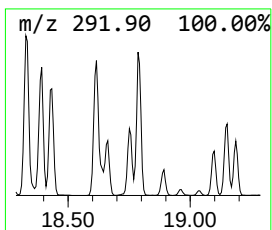
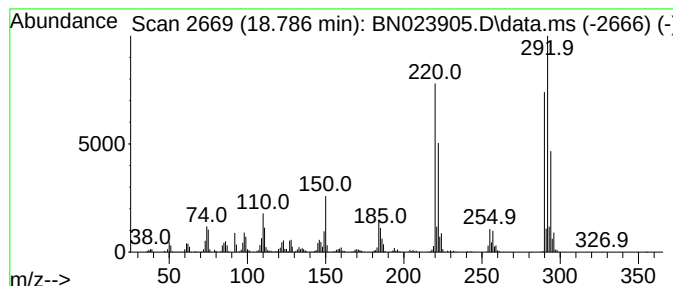
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 1,1'-Biphenyl, 2,3',4',6-te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.786	11.84 ng/ul	3166350	Phenanthrene-d10		17.257	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4',6-tetrachl...		290	C12H6Cl4	041464-46-4	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrachl...		290	C12H6Cl4	041464-43-1	99
3	1,1'-Biphenyl, 2,3',5,5'-tetrachl...		290	C12H6Cl4	041464-42-0	99
4	1,1'-Biphenyl, 2,3,4,4'-tetrachl...		290	C12H6Cl4	033025-41-1	99
5	1,1'-Biphenyl, 2,3,4',6-tetrachl...		290	C12H6Cl4	052663-58-8	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
Acq On : 02 Feb 2023 15:12
Operator : CG/JU
Sample : 01362-04DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4442DL

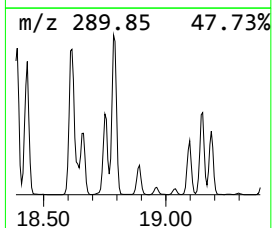
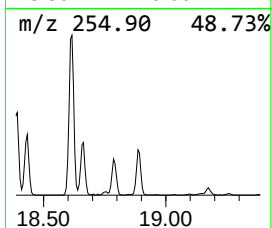
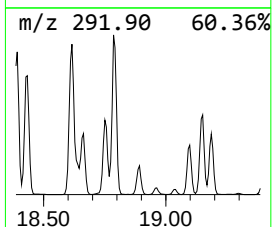
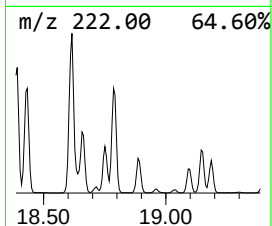
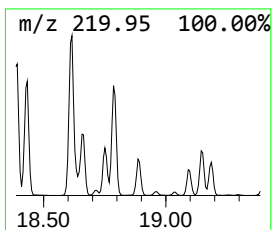
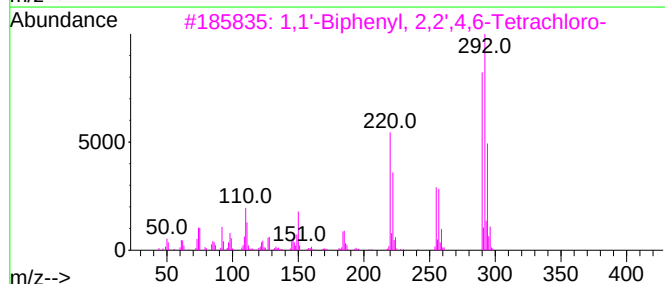
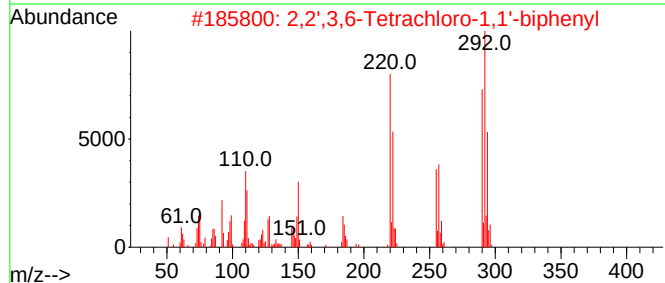
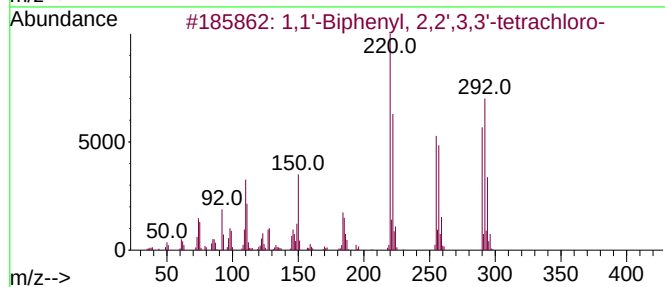
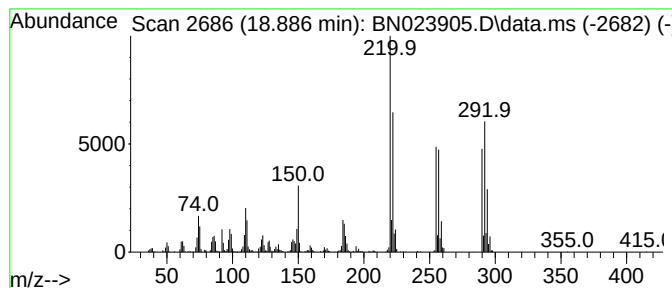
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.886	3.49 ng/ul	932041	Phenanthrene-d10	17.257

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',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99		
4	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99		
5	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
Acq On : 02 Feb 2023 15:12
Operator : CG/JU
Sample : 01362-04DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

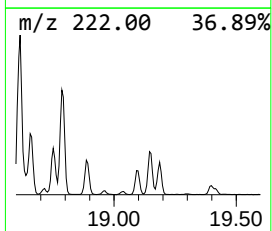
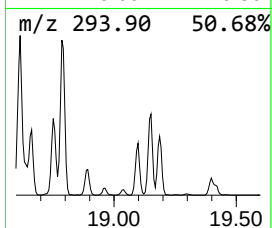
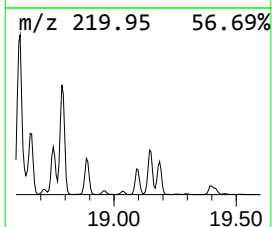
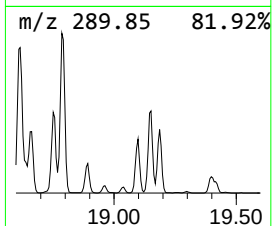
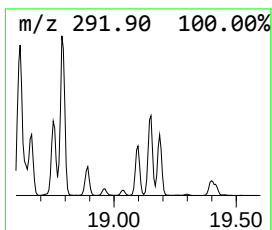
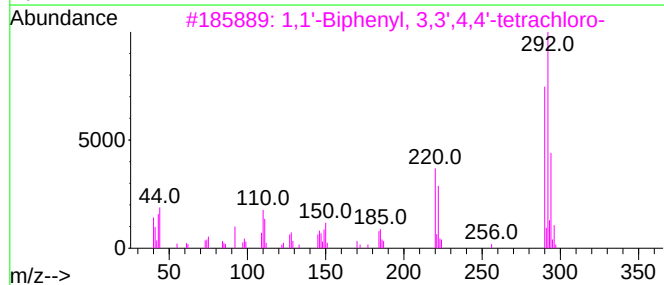
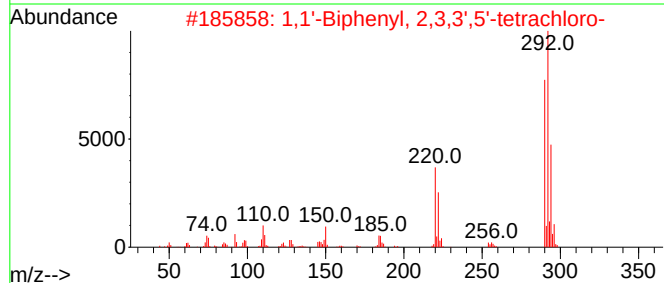
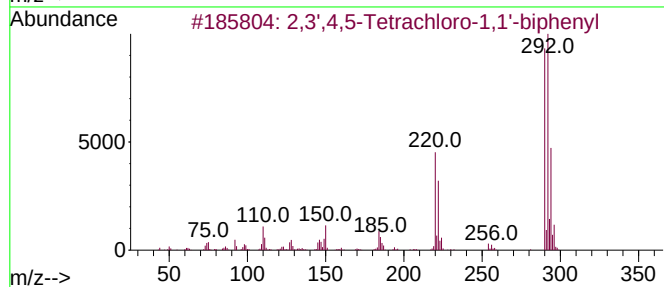
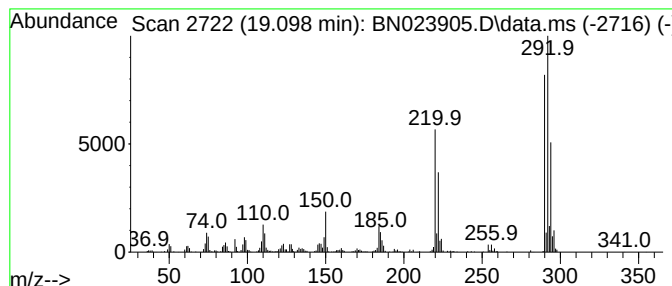
Instrument :
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ClientSampleId :
A4442DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.098	3.20 ng/ul	856245	Phenanthrene-d10	17.257	
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, 2,3,3',5'-tetrachloro-	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	290	C12H6Cl4	032598-13-3	99
4	1,1'-Biphenyl, 2,2',3,4-tetrachloro-	290	C12H6Cl4	052663-59-9	99
5	1,1'-Biphenyl, 2,3,4',6-tetrachloro-	290	C12H6Cl4	052663-58-8	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
Acq On : 02 Feb 2023 15:12
Operator : CG/JU
Sample : 01362-04DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

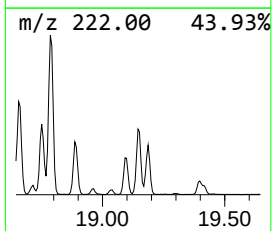
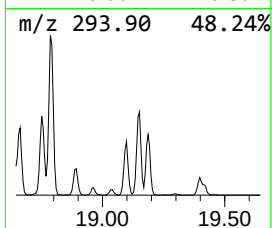
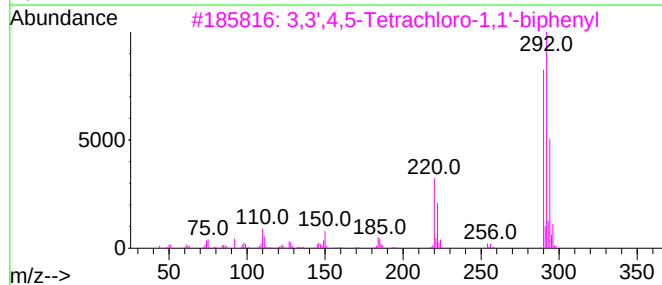
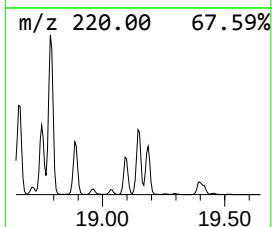
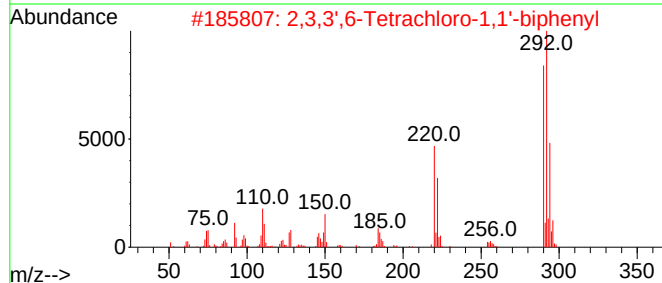
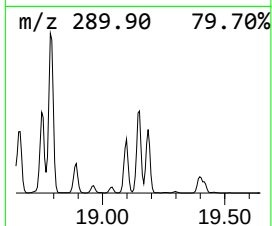
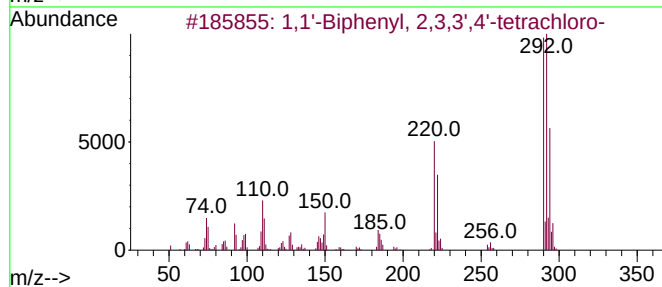
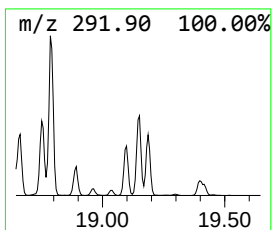
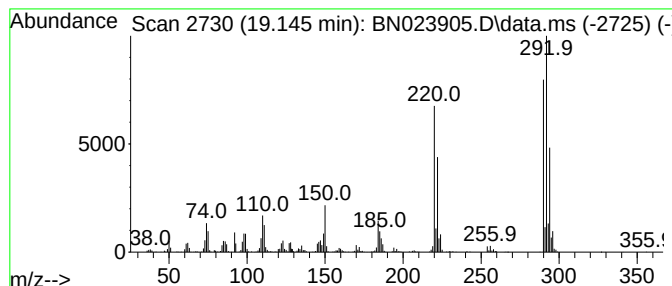
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.145	5.81 ng/ul	1553690	Phenanthrene-d10	17.257	
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	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
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Operator : CG/JU
Sample : 01362-04DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

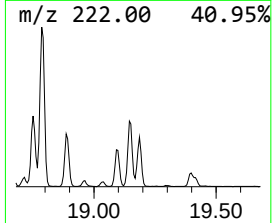
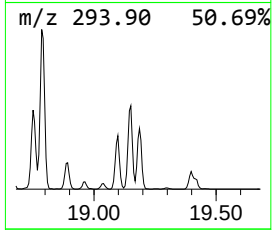
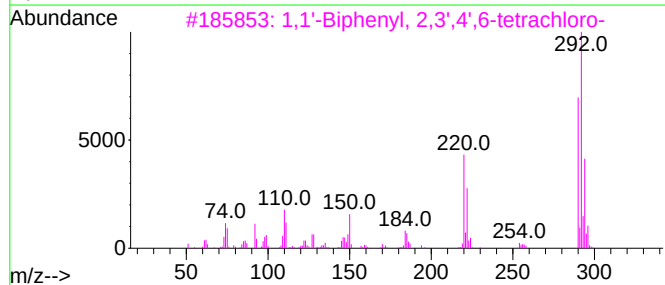
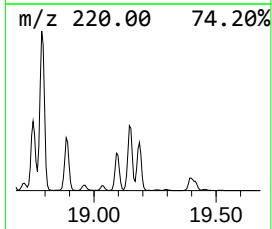
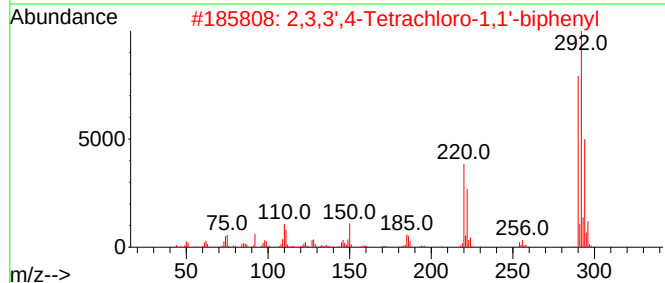
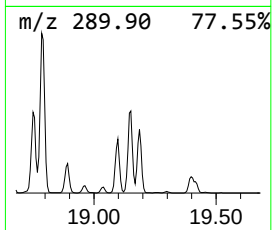
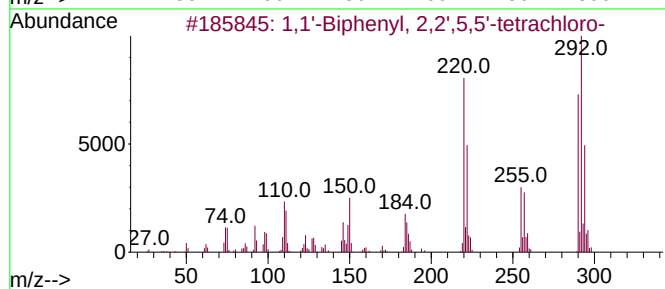
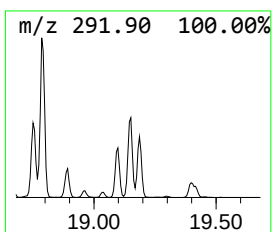
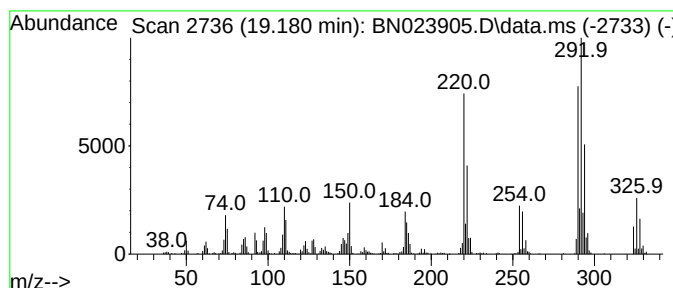
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.180	5.56 ng/ul	1486600	Phenanthrene-d10	17.257		
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	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99	
3	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99	
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99	
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
Acq On : 02 Feb 2023 15:12
Operator : CG/JU
Sample : 01362-04DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

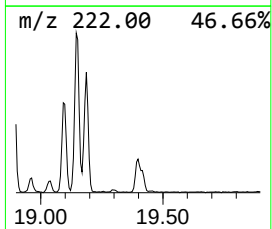
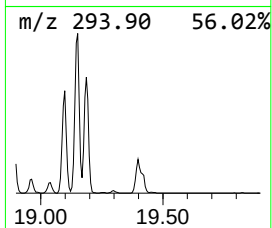
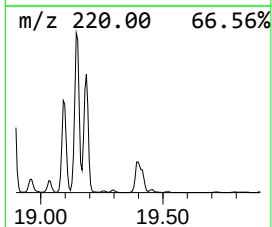
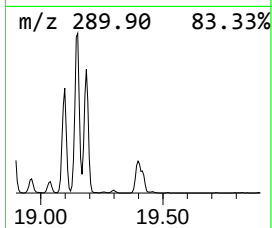
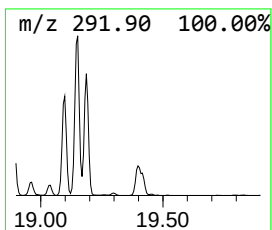
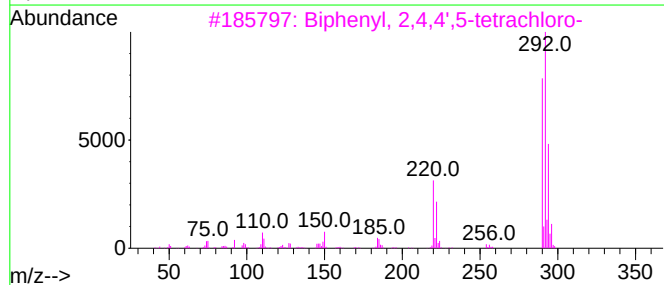
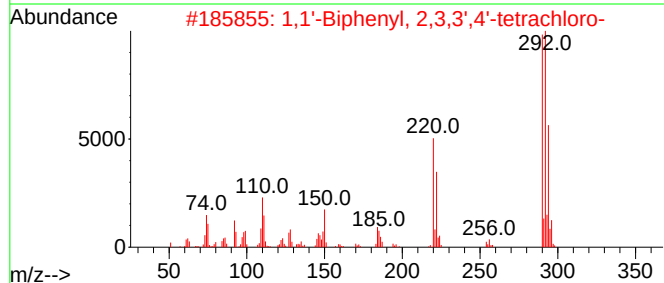
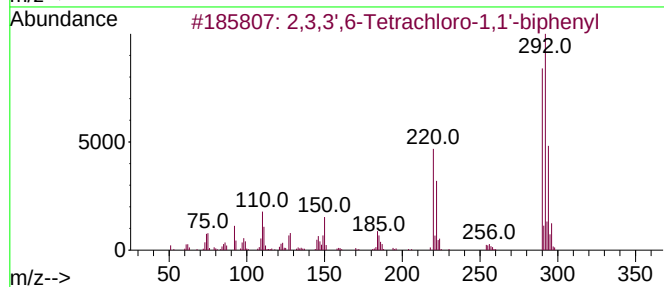
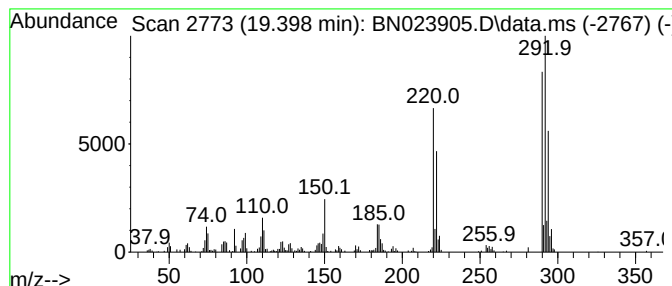
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.398	3.79 ng/ul	492038	Chrysene-d12	21.445	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrachloro-	290	C12H6Cl4	041464-43-1	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	1,1'-Biphenyl, 3,3',4,5'-tetrachloro-	290	C12H6Cl4	041464-48-6	99
5	1,1'-Biphenyl, 2,3',4',6-tetrachloro-	290	C12H6Cl4	041464-46-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023905.D
Acq On : 02 Feb 2023 15:12
Operator : CG/JU
Sample : 01362-04DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.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, ...	14.628	4.2	ng/ul	409054	3	14.504	1940870	20.0
1,1'-Biphenyl, ...	15.763	37.3	ng/ul	3614810	3	14.504	1940870	20.0
1,1'-Biphenyl, ...	16.198	3.0	ng/ul	807205	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	16.369	5.6	ng/ul	1492630	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	16.486	24.4	ng/ul	6514290	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	16.786	4.2	ng/ul	1131710	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	17.133	35.5	ng/ul	9478220	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	17.169	11.6	ng/ul	3113140	4	17.257	5347350	20.0
unknown-01	17.428	22.6	ng/ul	6037280	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	17.710	6.7	ng/ul	1776840	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	17.739	2.2	ng/ul	588064	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	17.857	59.1	ng/ul	15799200	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	17.986	25.4	ng/ul	6799540	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	18.110	13.1	ng/ul	3490950	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	18.163	5.0	ng/ul	1329300	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	18.269	2.0	ng/ul	539504	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	18.328	18.5	ng/ul	4937670	4	17.257	5347350	20.0
2,2',4,6'-Tetra...	18.392	13.1	ng/ul	3503150	4	17.257	5347350	20.0
2,3,3',6-Tetrac...	18.433	10.7	ng/ul	2871630	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	18.616	18.4	ng/ul	4919420	4	17.257	5347350	20.0
2,2',4,5-Tetrac...	18.657	6.5	ng/ul	1728270	4	17.257	5347350	20.0
unknown-02	18.710	6.4	ng/ul	1709110	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	18.751	5.4	ng/ul	1449930	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	18.786	11.8	ng/ul	3166350	4	17.257	5347350	20.0
2,2',3,6-Tetrac...	18.886	3.5	ng/ul	932041	4	17.257	5347350	20.0
2,3',4,5-Tetrac...	19.098	3.2	ng/ul	856245	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	19.145	5.8	ng/ul	1553690	4	17.257	5347350	20.0
1,1'-Biphenyl, ...	19.180	5.6	ng/ul	1486600	4	17.257	5347350	20.0
Biphenyl, 2,4,4...	19.398	3.8	ng/ul	492038	5	21.445	2596560	20.0