

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
 Data File : BN023959.D
 Acq On : 06 Feb 2023 19:02
 Operator : CG/JU
 Sample : 01362-05MEDL 20X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4443MEDL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

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-BN020623.M
 Title : SVOA CALIBRATION

Signal : TIC: BN023959.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.693	100	103	112	rBV4	7998	18605	0.77%	0.072%
2	3.981	148	152	159	rVB	10715	16457	0.68%	0.064%
3	4.628	261	262	266	rVB3	1868	2433	0.10%	0.009%
4	4.705	271	275	278	rBV4	1712	2596	0.11%	0.010%
5	7.011	662	667	673	rVB	26734	41173	1.71%	0.160%
6	7.175	690	695	701	rVB	24532	36889	1.53%	0.144%
7	7.369	722	728	734	rBV	29184	45428	1.89%	0.177%
8	7.722	784	788	791	rVB5	1414	2427	0.10%	0.009%
9	7.840	801	808	816	rBV	545677	821971	34.13%	3.200%
10	8.558	925	930	940	rVB	31074	49926	2.07%	0.194%
11	9.005	1000	1006	1014	rBV	25360	43763	1.82%	0.170%
12	9.728	1125	1129	1137	rBV3	18778	30772	1.28%	0.120%
13	10.269	1216	1221	1228	rVB2	30478	47387	1.97%	0.184%
14	10.646	1278	1285	1294	rBV	724576	1167264	48.47%	4.545%
15	10.793	1305	1310	1321	rVB	32782	60857	2.53%	0.237%
16	12.840	1655	1658	1663	rBV4	2454	4358	0.18%	0.017%
17	13.387	1747	1751	1757	rVB4	5965	8836	0.37%	0.034%
18	13.763	1811	1815	1819	rBV4	2793	4005	0.17%	0.016%
19	13.904	1834	1839	1847	rBV	67154	92227	3.83%	0.359%
20	14.187	1882	1887	1894	rBV	60529	85975	3.57%	0.335%
21	14.493	1932	1939	1950	rBV	1136836	1627509	67.57%	6.336%
22	14.616	1952	1960	1965	rVB2	31301	44111	1.83%	0.172%
23	14.704	1970	1975	1985	rBV3	11845	20295	0.84%	0.079%
24	14.945	2011	2016	2019	rBV3	3681	5492	0.23%	0.021%
25	15.087	2036	2040	2041	rBV4	2450	2497	0.10%	0.010%
26	15.187	2053	2057	2063	rVB6	2913	4739	0.20%	0.018%
27	15.269	2068	2071	2076	rBV6	2873	4254	0.18%	0.017%
28	15.434	2096	2099	2103	rVB4	6470	7344	0.30%	0.029%
29	15.487	2103	2108	2114	rBV	97410	135606	5.63%	0.528%
30	15.610	2125	2129	2133	rBV2	18198	24070	1.00%	0.094%
31	15.751	2147	2153	2156	rBV	387132	579839	24.08%	2.258%
32	15.857	2166	2171	2173	rBV5	2446	2957	0.12%	0.012%
33	16.081	2205	2209	2214	rVB	75969	97841	4.06%	0.381%
34	16.187	2221	2227	2234	rVB	84195	111348	4.62%	0.434%
35	16.357	2251	2256	2261	rBV	160404	207249	8.61%	0.807%
36	16.475	2270	2276	2281	rBV	631249	829853	34.46%	3.231%

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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-BN020623.M
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37	16.663	2304	2308	2310	rBV5	1757	2660	0.11%	0.010%
38	16.775	2322	2327	2332	rBV	112933	149457	6.21%	0.582%
39	17.022	2366	2369	2373	rVB5	3454	3981	0.17%	0.015%
40	17.122	2380	2386	2389	rBV	1059797	1368905	56.84%	5.330%
41	17.157	2389	2392	2398	rVV	402162	503520	20.91%	1.960%
42	17.239	2398	2406	2418	rVV	1425062	2298506	95.44%	8.949%
43	17.339	2418	2423	2430	rVV2	91901	131525	5.46%	0.512%
44	17.416	2430	2436	2444	rVB2	583933	837270	34.76%	3.260%
45	17.534	2453	2456	2458	rBV3	3387	4100	0.17%	0.016%
46	17.610	2466	2469	2477	rVB7	9655	14170	0.59%	0.055%
47	17.692	2479	2483	2487	rVV	160837	232716	9.66%	0.906%
48	17.728	2487	2489	2496	rVB	77100	81440	3.38%	0.317%
49	17.845	2501	2509	2519	rBV	1201256	2370030	98.40%	9.227%
50	17.975	2524	2531	2537	rBV2	654987	963484	40.00%	3.751%
51	18.039	2538	2542	2546	rVB3	33025	42601	1.77%	0.166%
52	18.098	2546	2552	2556	rBV	349605	464477	19.29%	1.808%
53	18.151	2556	2561	2568	rVB2	133624	186146	7.73%	0.725%
54	18.263	2575	2580	2584	rBV2	45404	59515	2.47%	0.232%
55	18.316	2584	2589	2595	rVV	482270	622063	25.83%	2.422%
56	18.375	2595	2599	2603	rVV	344476	442760	18.38%	1.724%
57	18.422	2603	2607	2612	rVB	281850	366420	15.21%	1.427%
58	18.598	2632	2637	2642	rBV	424890	603985	25.08%	2.352%
59	18.645	2642	2645	2650	rVV	154994	206065	8.56%	0.802%
60	18.704	2650	2655	2658	rVV	160287	213148	8.85%	0.830%
61	18.739	2658	2661	2664	rVV	138176	172874	7.18%	0.673%
62	18.775	2664	2667	2674	rVV	305123	384100	15.95%	1.495%
63	18.845	2675	2679	2680	rVV4	3817	4907	0.20%	0.019%
64	18.875	2680	2684	2690	rVV	83837	108696	4.51%	0.423%
65	18.945	2694	2696	2700	rVB4	8773	10767	0.45%	0.042%
66	19.028	2707	2710	2715	rVB6	7229	9238	0.38%	0.036%
67	19.086	2715	2720	2724	rBV2	62066	80599	3.35%	0.314%
68	19.139	2724	2729	2731	rVV	106749	146796	6.10%	0.572%
69	19.169	2731	2734	2740	rVB3	87952	134915	5.60%	0.525%
70	19.245	2744	2747	2751	rBV4	12134	14483	0.60%	0.056%
71	19.386	2769	2771	2773	rBV3	7239	6296	0.26%	0.025%
72	19.422	2774	2777	2778	rBV3	7897	8086	0.34%	0.031%
73	19.633	2809	2813	2820	rBV2	112417	153321	6.37%	0.597%
74	21.345	3100	3104	3109	rBV	2216655	2408451	100.00%	9.377%
75	21.433	3114	3119	3124	rVV	1490422	1809460	75.13%	7.045%
76	23.816	3518	3524	3537	rVB2	906969	1774708	73.69%	6.910%

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ClientSampleId :
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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-BN020623.M
Title : SVOA CALIBRATION

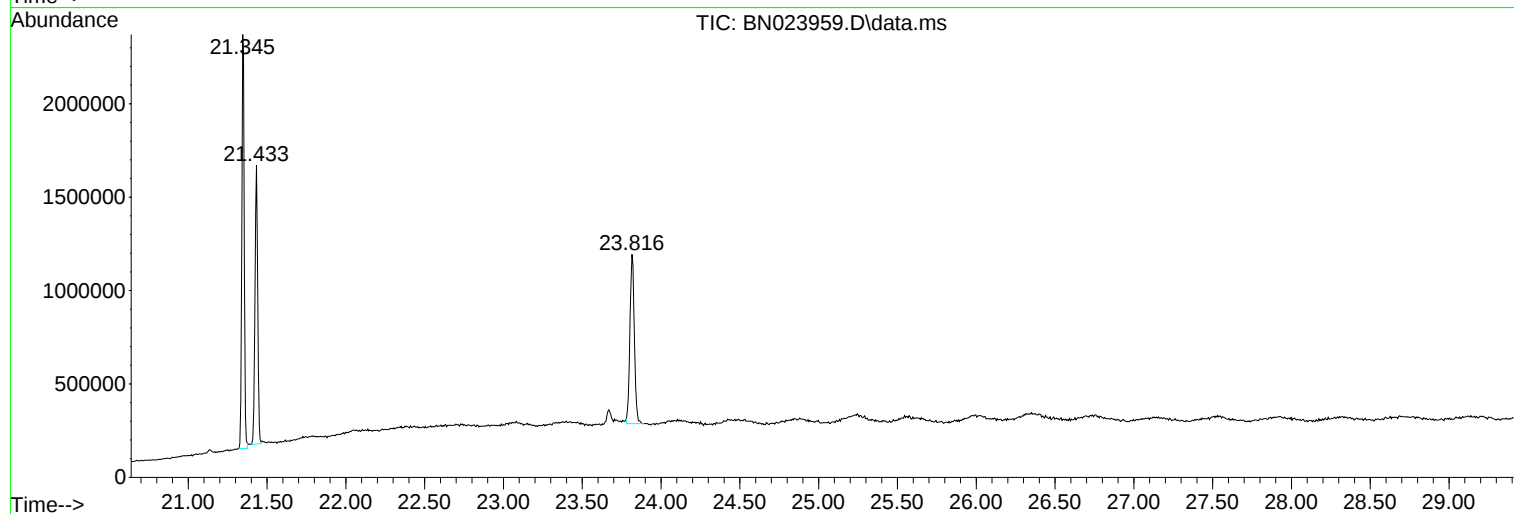
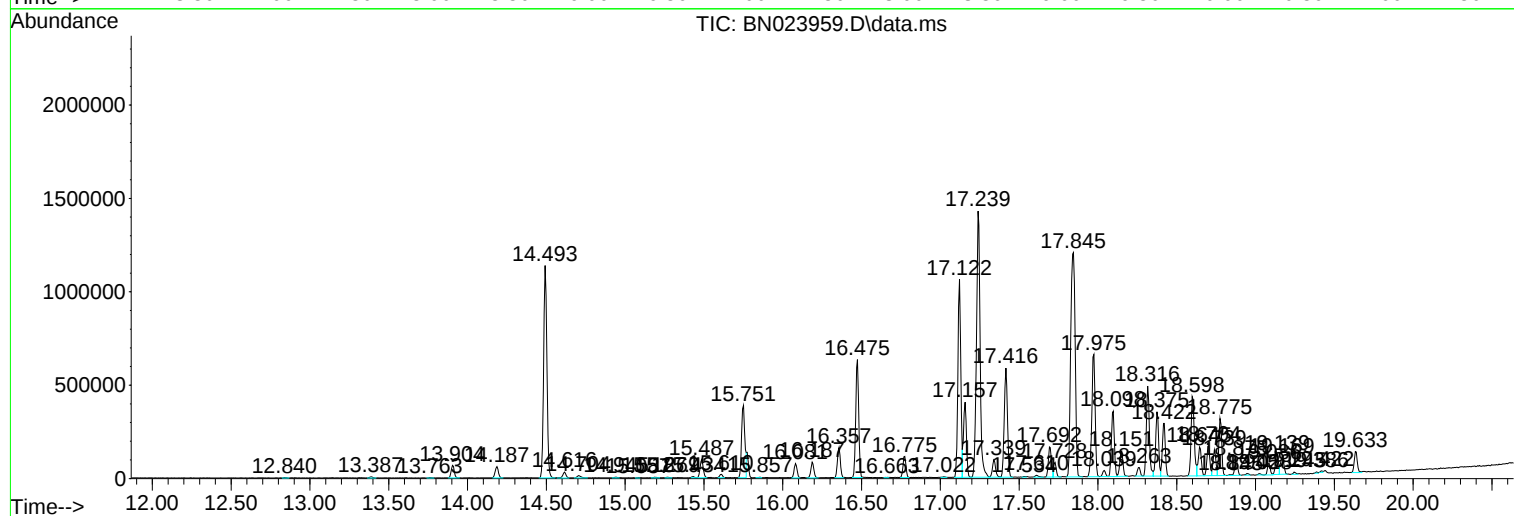
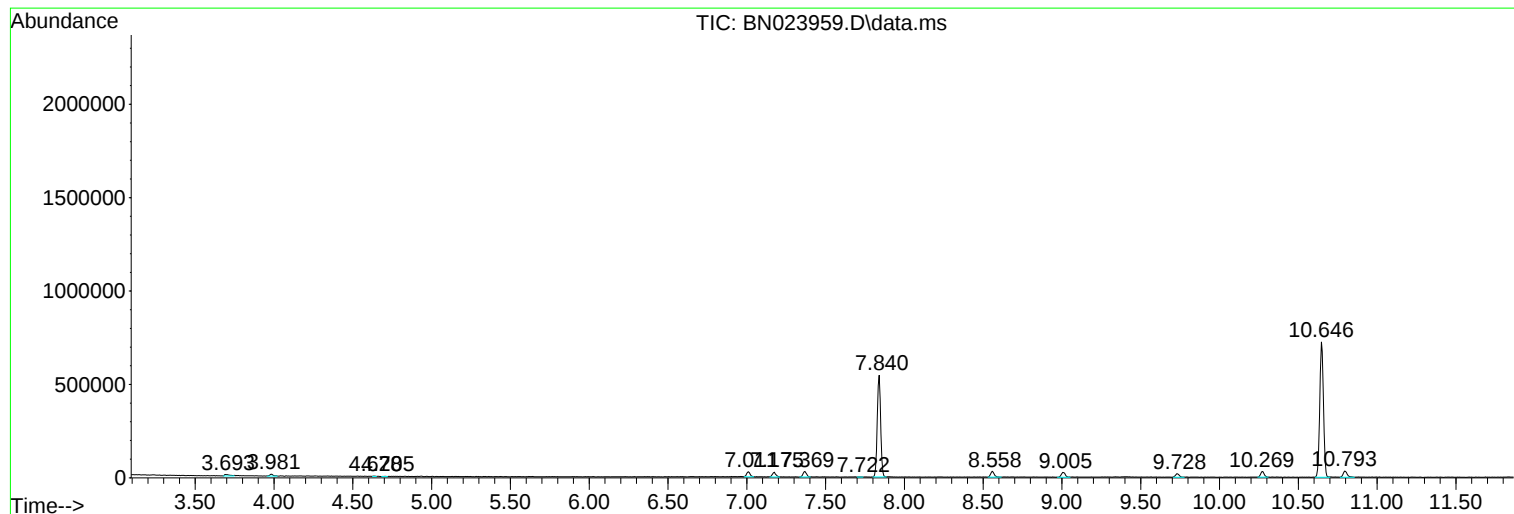
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

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



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Operator : CG/JU
Sample : 01362-05MEDL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

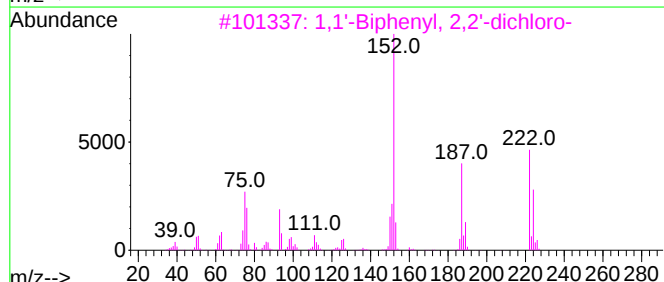
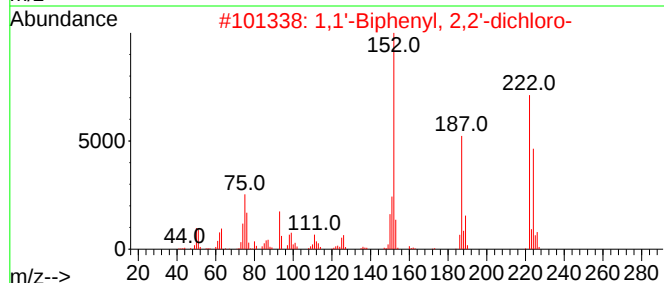
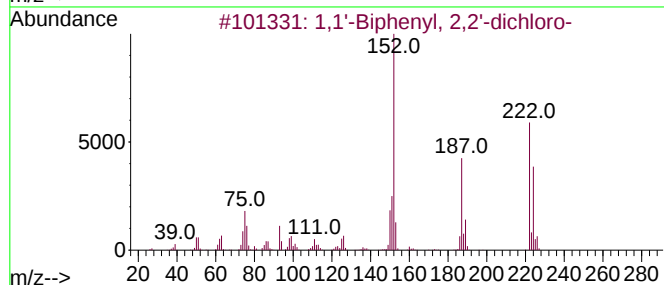
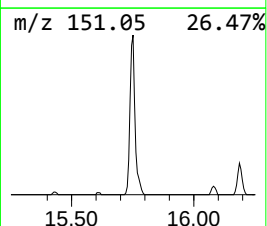
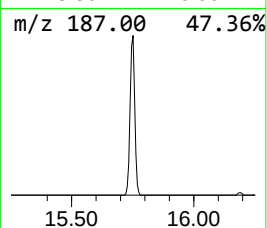
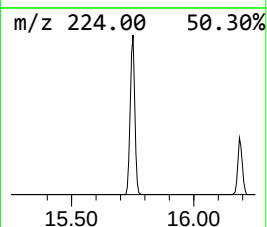
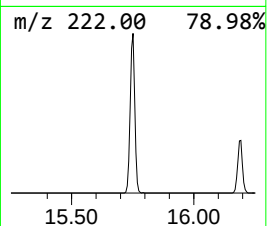
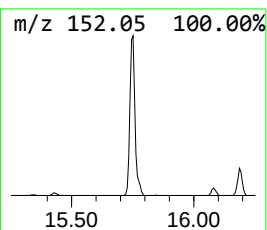
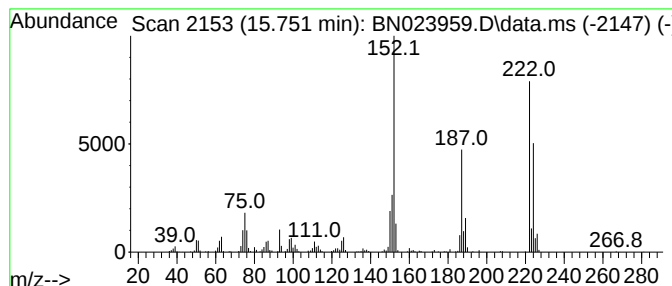
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.751	7.13 ng/ul	579839	Acenaphthene-d10		14.493	
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, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97
5		1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	96



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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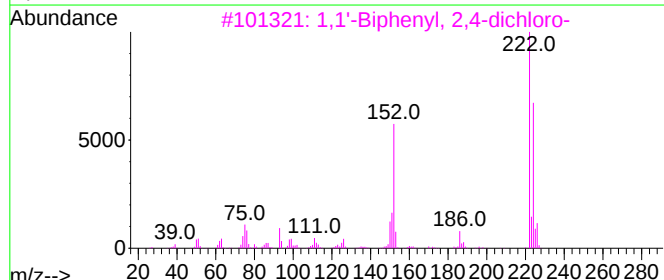
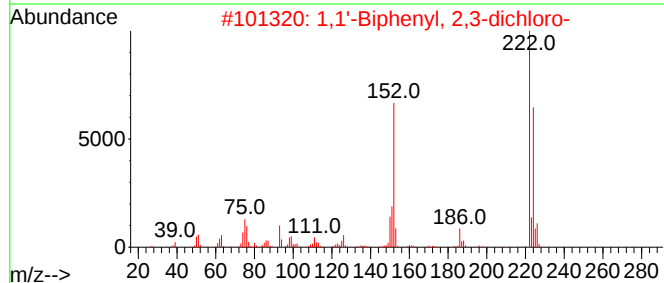
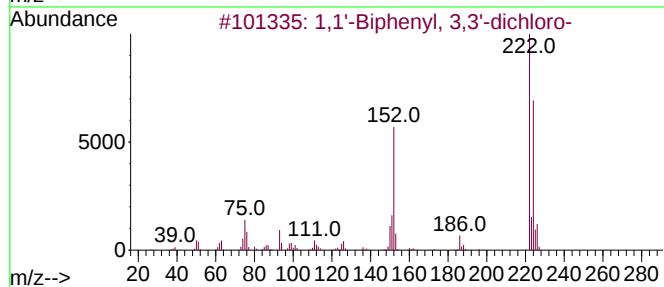
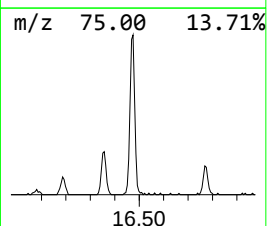
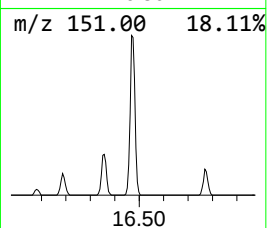
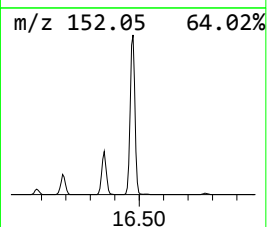
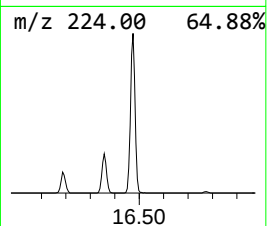
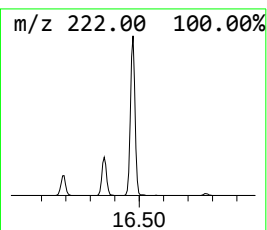
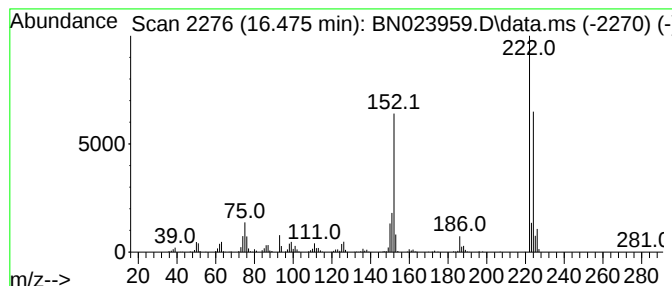
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.475	7.22 ng/ul	829853	Phenanthrene-d10	17.239

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, 2,4-dichloro-			222	C12H8Cl2	033284-50-3	98



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Misc :
ALS Vial : 14 Sample Multiplier: 1

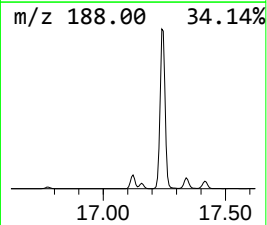
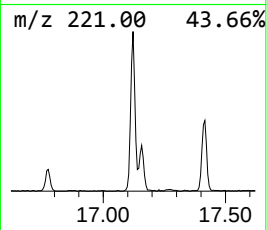
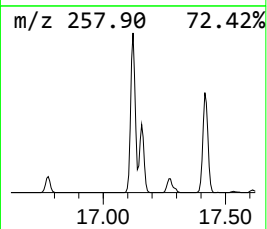
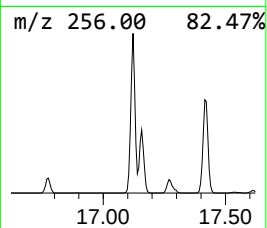
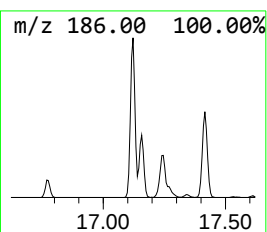
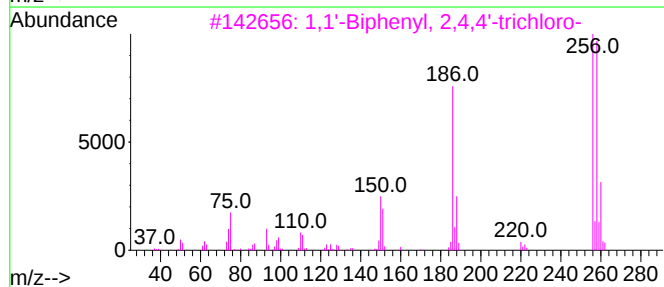
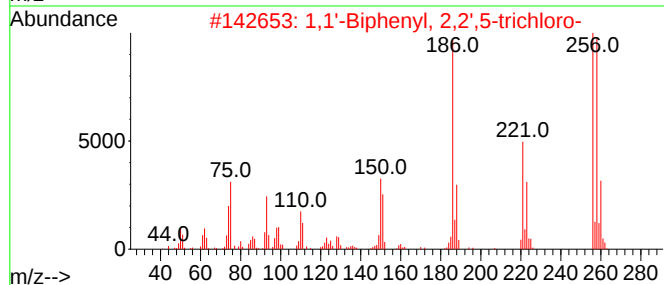
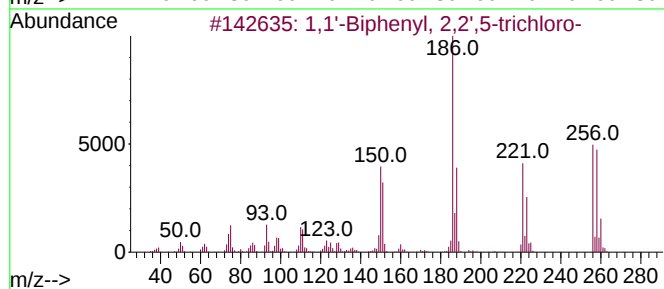
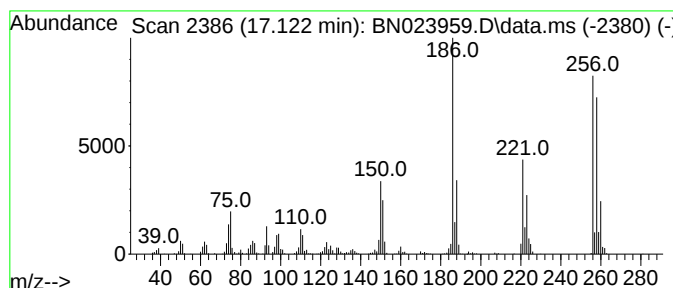
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.122	11.91 ng/ul	1368910	Phenanthrene-d10	17.239	
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	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99



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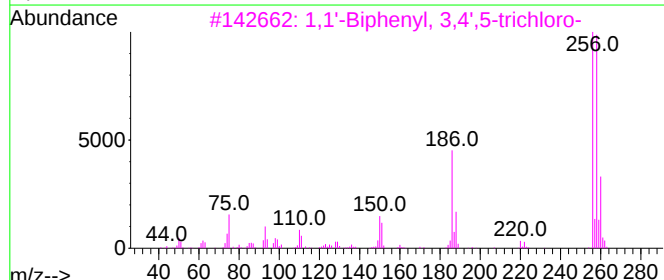
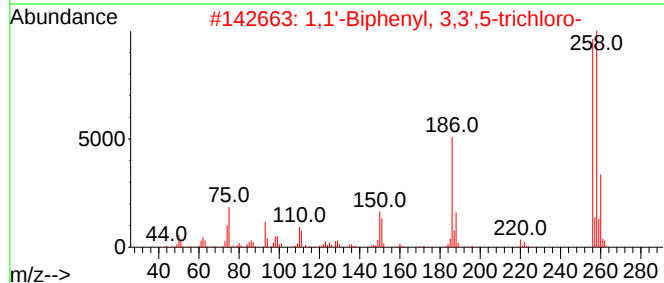
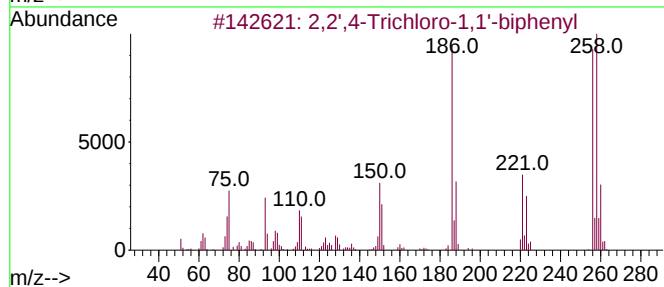
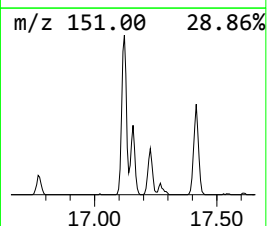
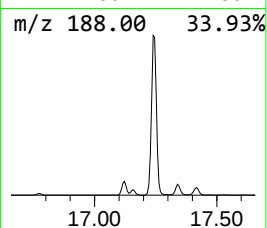
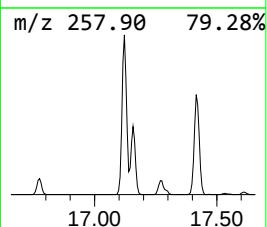
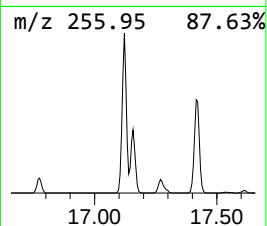
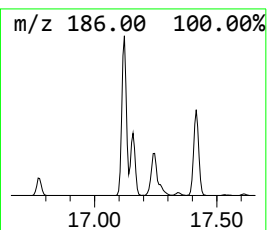
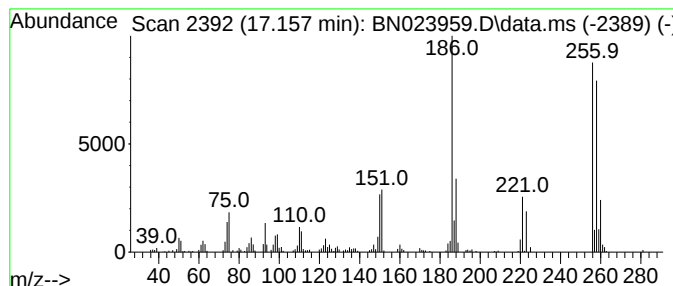
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 2,2',4-Trichloro-1,1'-biphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.157	4.38 ng/ul	503520	Phenanthrene-d10	17.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	97		
2	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	96		
3	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	96		
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96		
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
Data File : BN023959.D
Acq On : 06 Feb 2023 19:02
Operator : CG/JU
Sample : 01362-05MEDL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4443MEDL

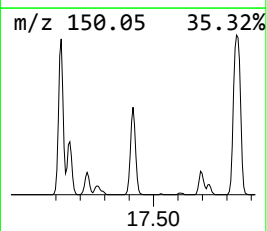
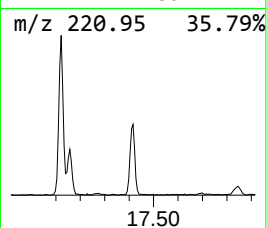
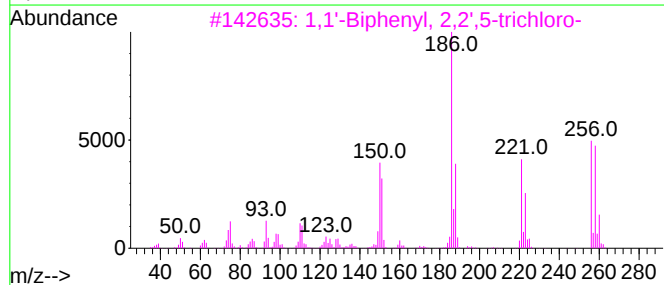
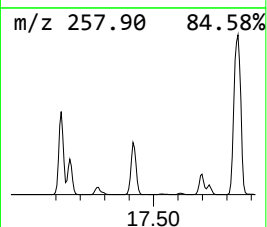
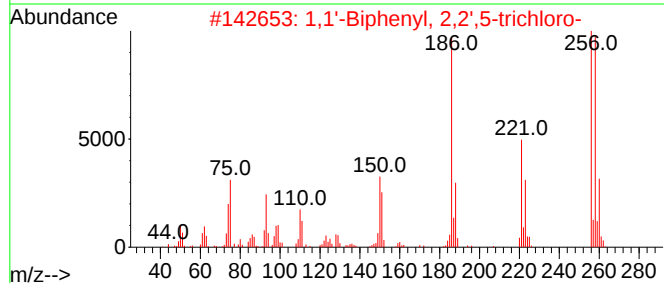
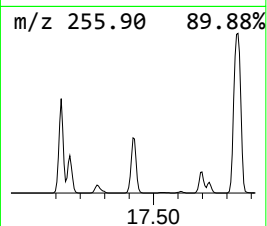
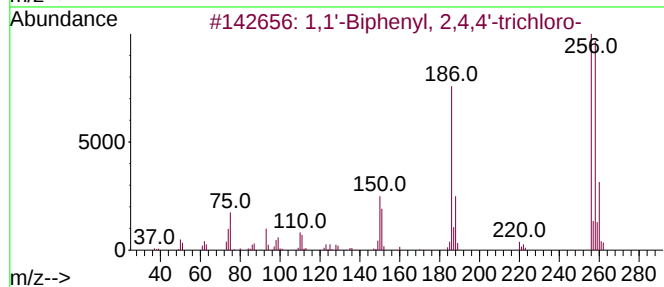
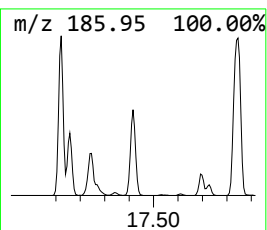
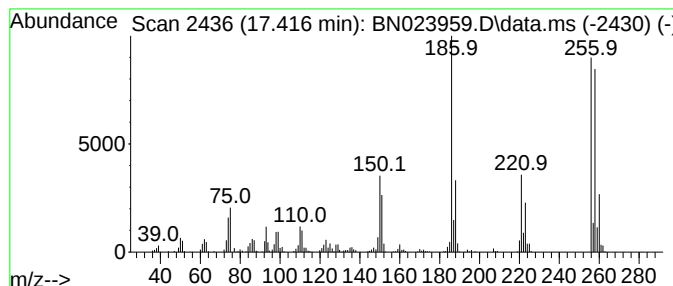
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.416	7.29 ng/ul	837270	Phenanthrene-d10	17.239

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, 2,2',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, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99		
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
Data File : BN023959.D
Acq On : 06 Feb 2023 19:02
Operator : CG/JU
Sample : 01362-05MEDL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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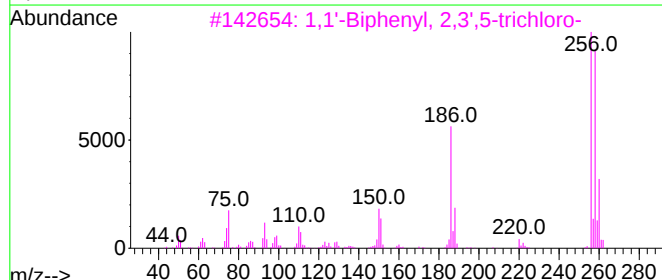
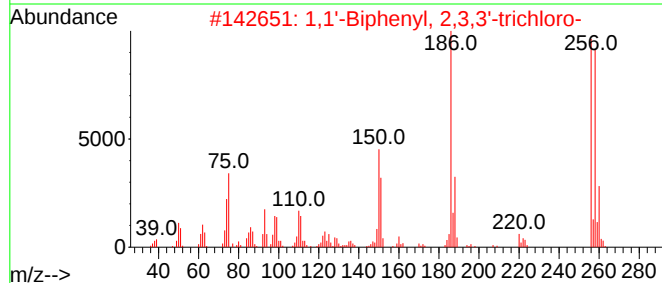
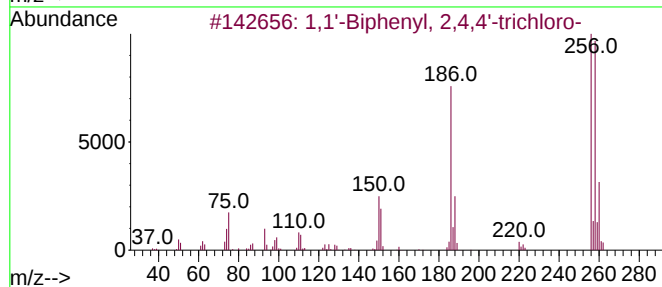
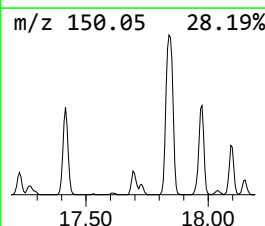
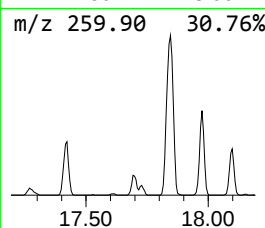
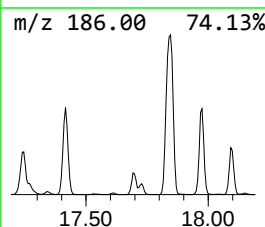
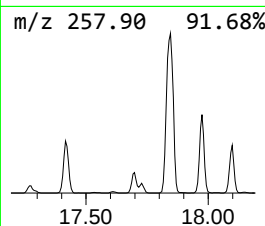
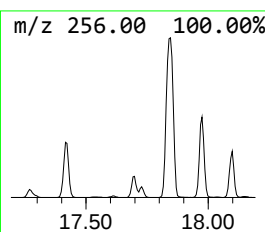
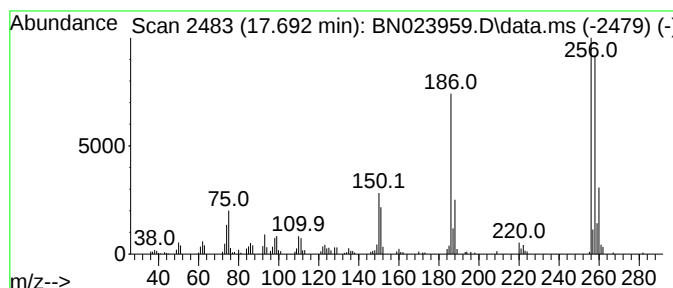
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.692	2.02 ng/ul	232716	Phenanthrene-d10	17.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
2	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99		
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98		
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	98		
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
Data File : BN023959.D
Acq On : 06 Feb 2023 19:02
Operator : CG/JU
Sample : 01362-05MEDL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

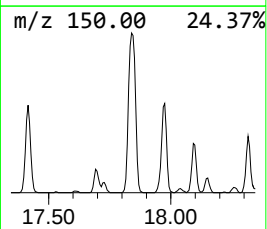
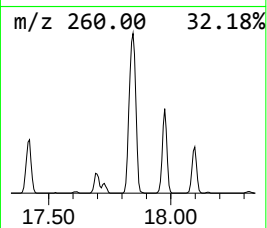
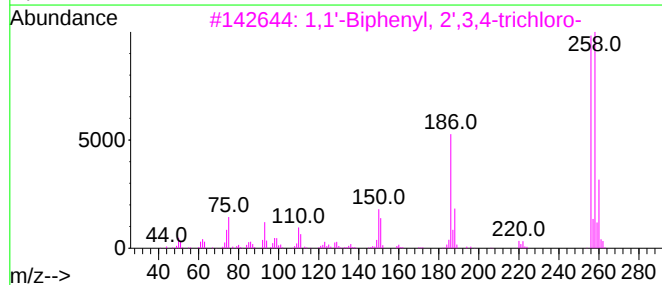
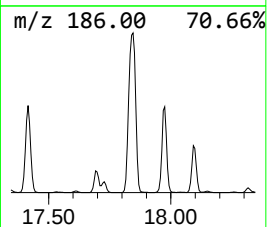
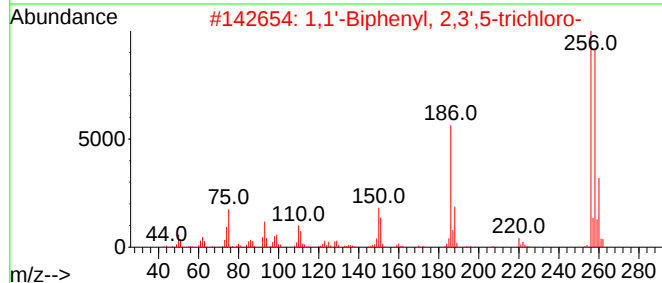
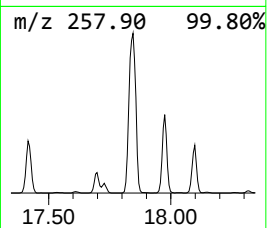
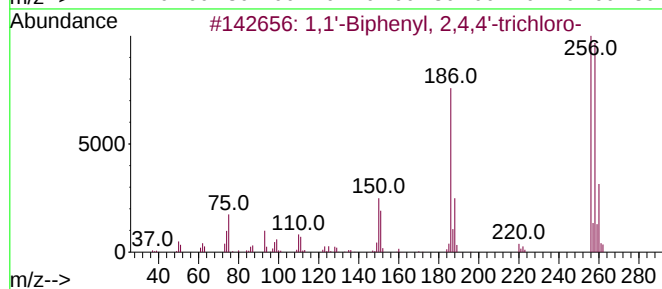
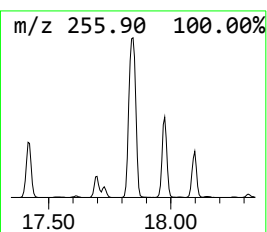
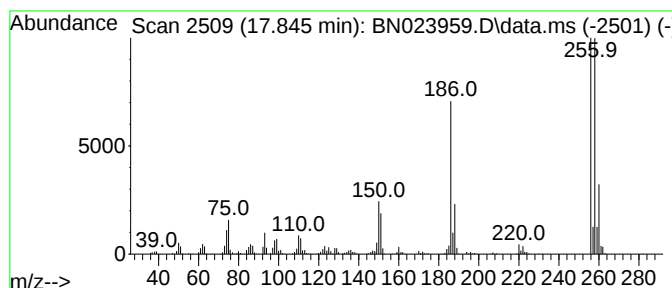
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.845	20.62 ng/ul	2370030	Phenanthrene-d10	17.239	
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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
Data File : BN023959.D
Acq On : 06 Feb 2023 19:02
Operator : CG/JU
Sample : 01362-05MEDL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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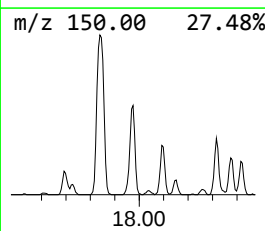
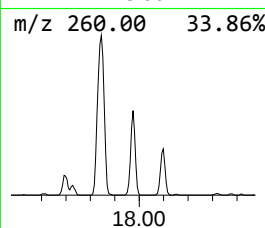
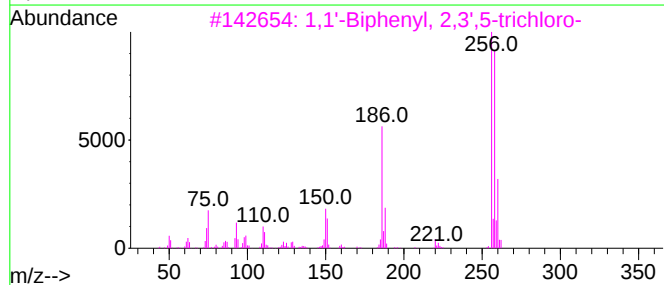
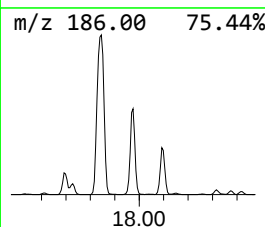
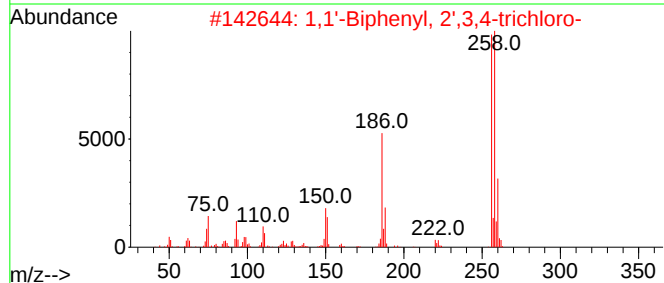
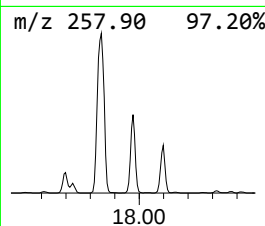
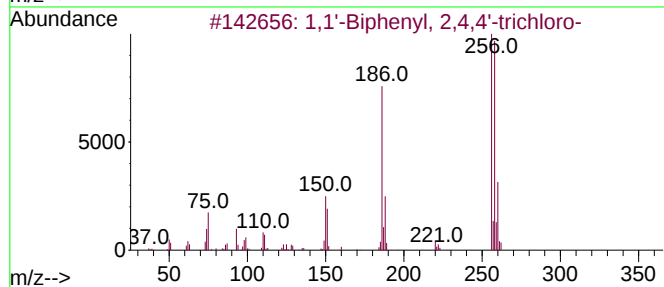
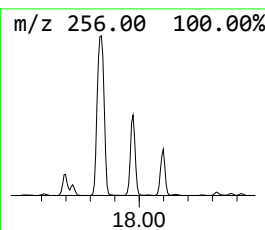
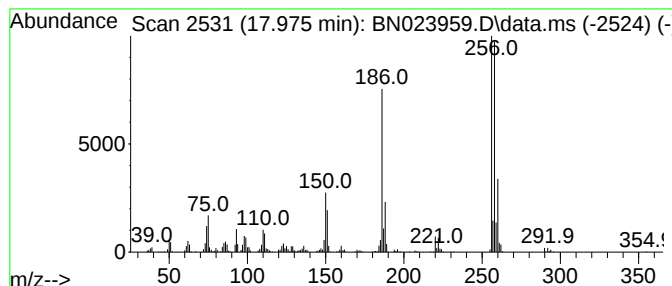
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.975	8.38 ng/ul	963484	Phenanthrene-d10	17.239

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\BN020623\
Data File : BN023959.D
Acq On : 06 Feb 2023 19:02
Operator : CG/JU
Sample : 01362-05MEDL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

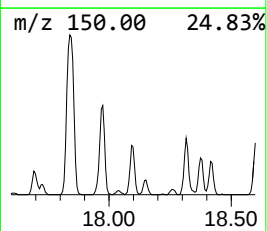
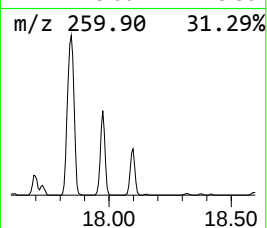
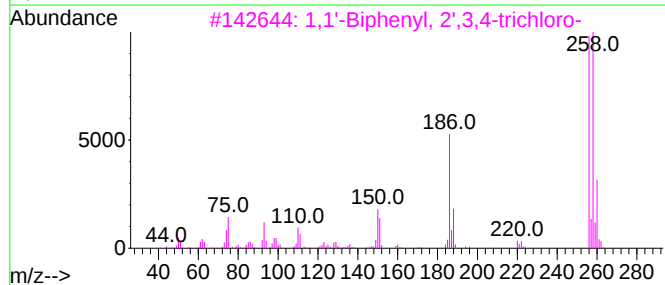
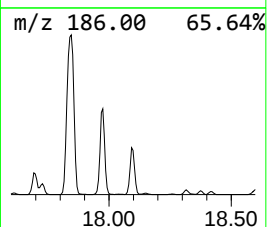
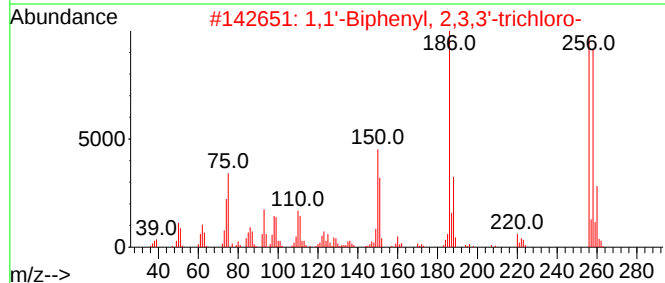
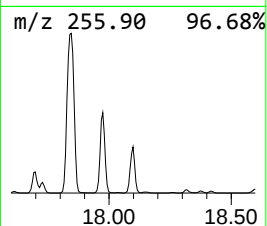
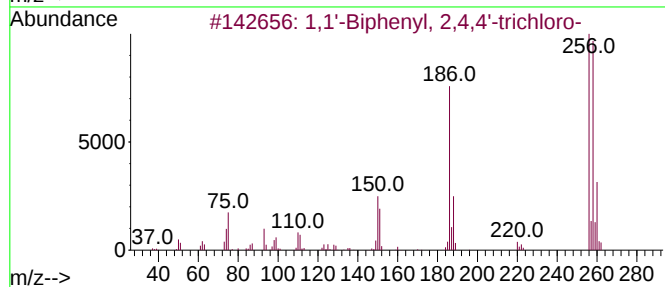
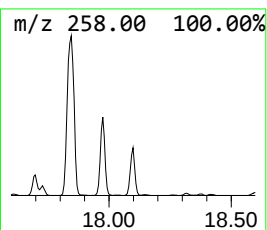
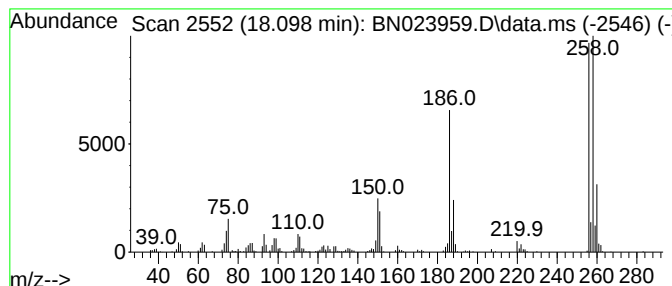
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.098	4.04 ng/ul	464477	Phenanthrene-d10	17.239	
Hit# of 5	Tentative ID		MW MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-		256 C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3,3'-trichloro-		256 C12H7Cl3	038444-84-7	99
3	1,1'-Biphenyl, 2',3,4-trichloro-		256 C12H7Cl3	038444-86-9	99
4	1,1'-Biphenyl, 3,3',5-trichloro-		256 C12H7Cl3	038444-87-0	99
5	1,1'-Biphenyl, 3,4',5-trichloro-		256 C12H7Cl3	038444-88-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
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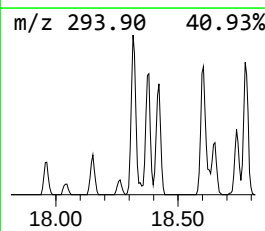
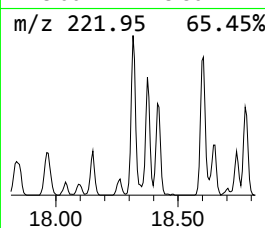
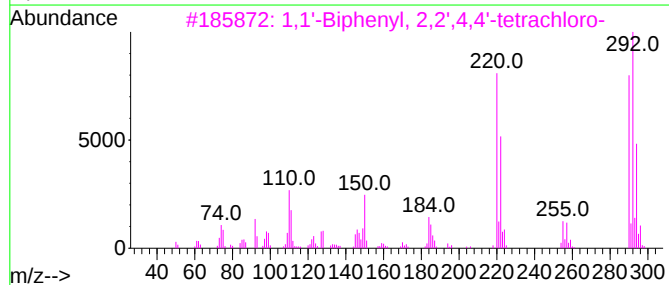
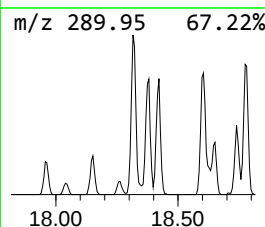
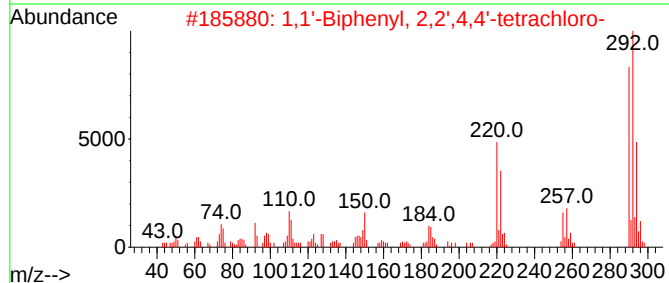
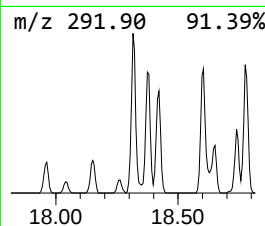
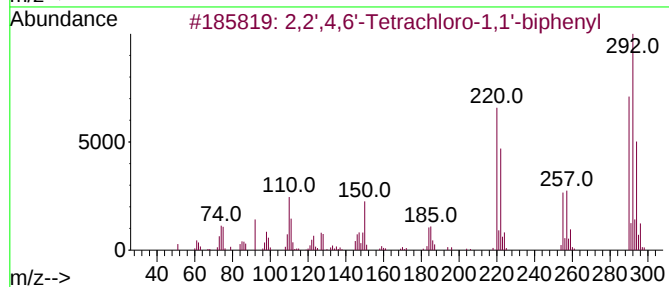
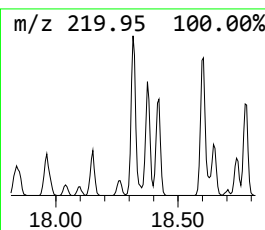
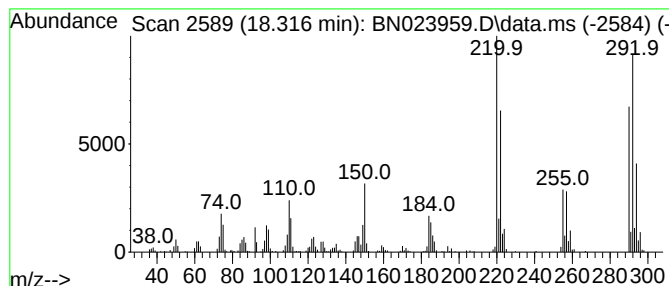
Instrument :
BNA_N
ClientSampleId :
A4443MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	5.41 ng/ul	622063	Phenanthrene-d10	17.239
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',4,4'-tetrach...	290	C12H6Cl4	002437-79-8 99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8 99
4	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5 99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9 99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
Data File : BN023959.D
Acq On : 06 Feb 2023 19:02
Operator : CG/JU
Sample : 01362-05MEDL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4443MEDL

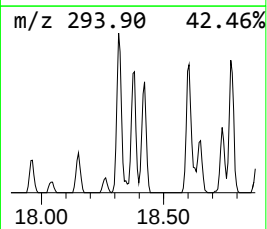
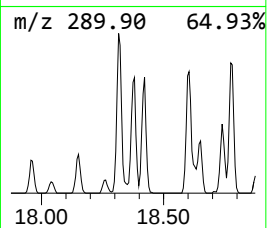
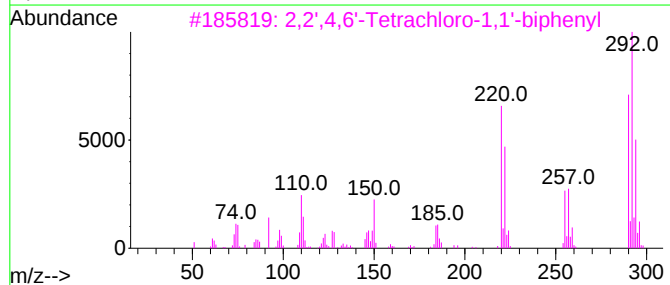
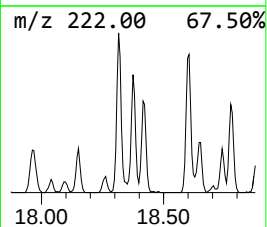
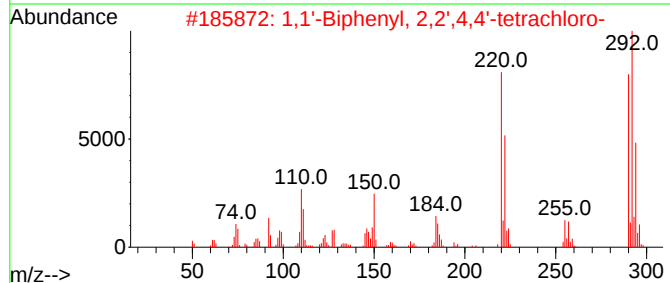
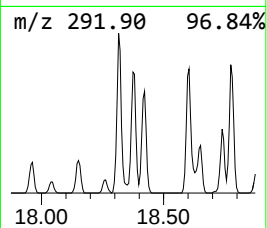
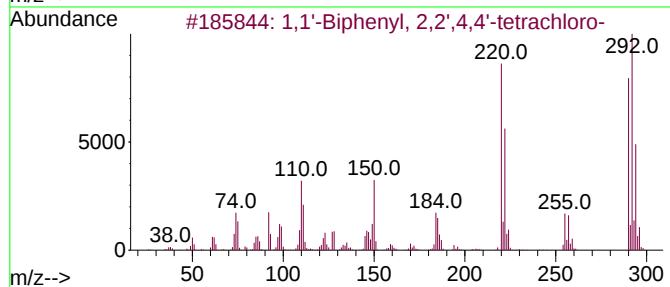
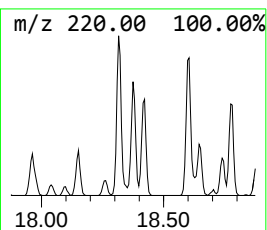
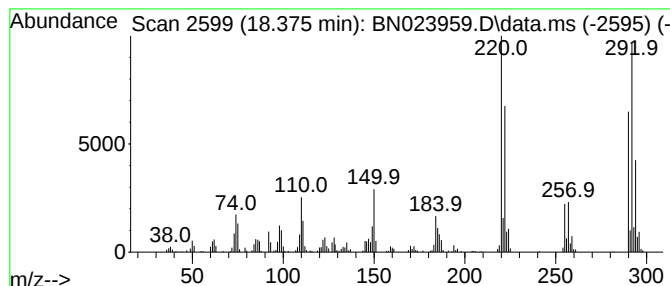
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	3.85 ng/ul	442760	Phenanthrene-d10	17.239

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	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99		
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99		
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
Data File : BN023959.D
Acq On : 06 Feb 2023 19:02
Operator : CG/JU
Sample : 01362-05MEDL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4443MEDL

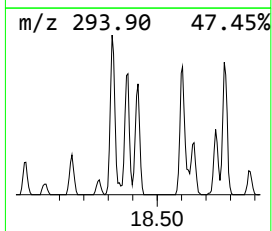
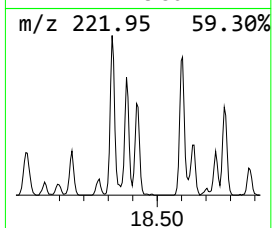
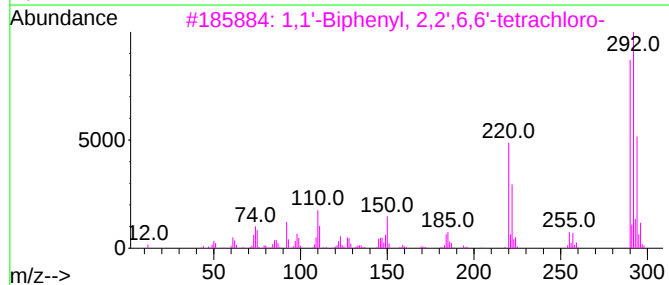
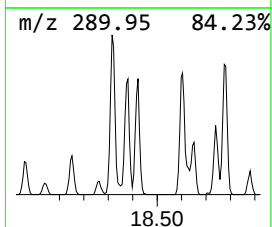
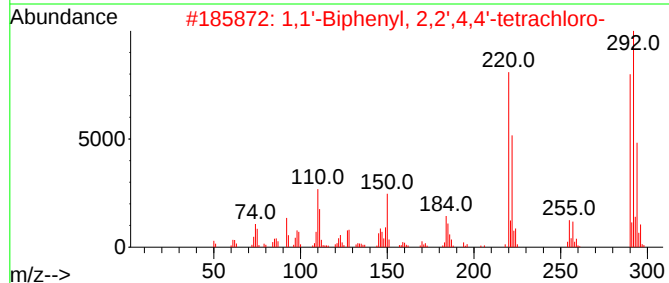
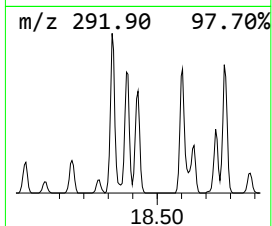
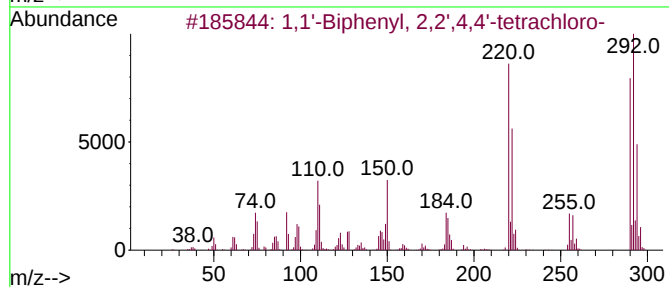
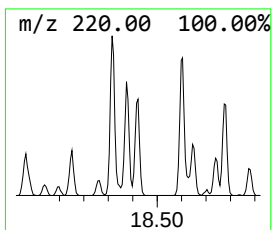
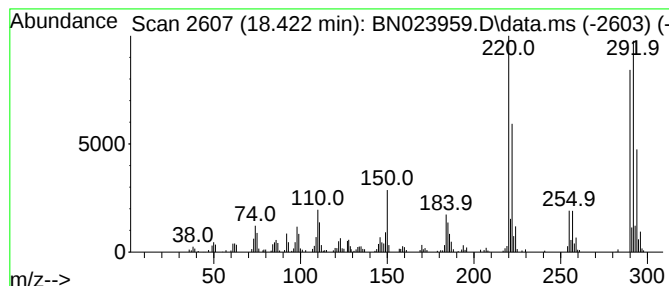
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	3.19 ng/ul	366420	Phenanthrene-d10	17.239

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, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	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\BN020623\
Data File : BN023959.D
Acq On : 06 Feb 2023 19:02
Operator : CG/JU
Sample : 01362-05MEDL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

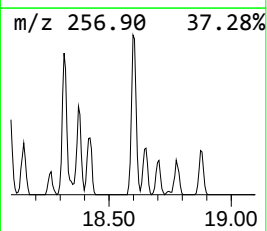
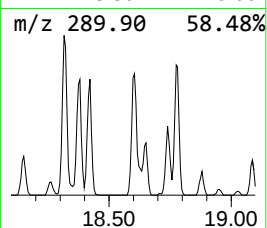
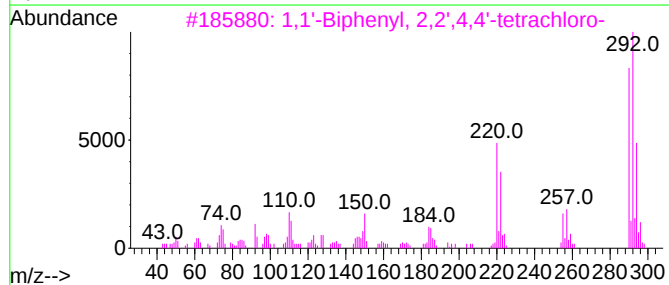
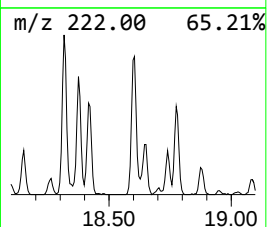
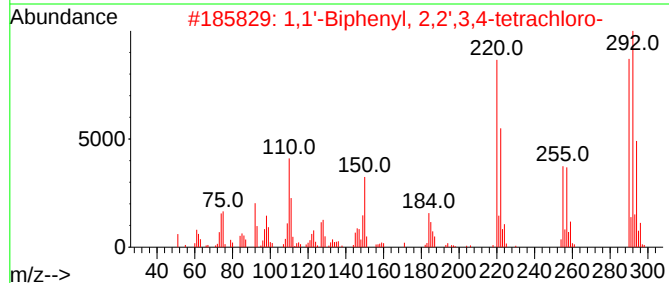
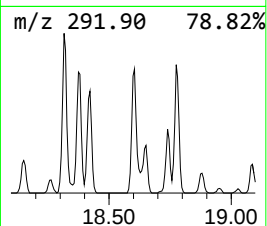
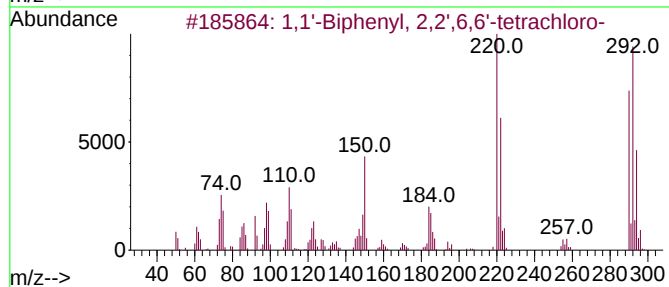
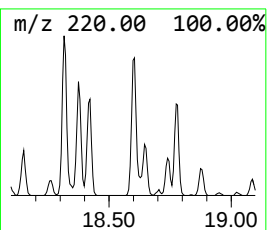
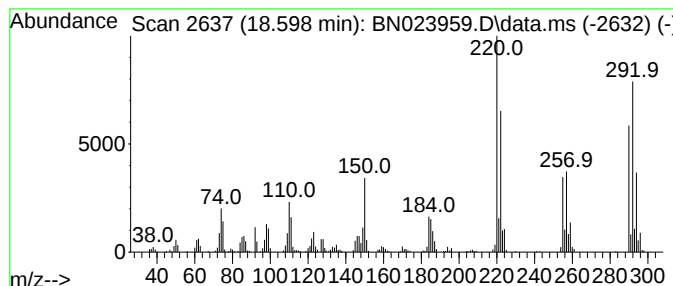
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.598	5.26 ng/ul	603985	Phenanthrene-d10	17.239	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
Data File : BN023959.D
Acq On : 06 Feb 2023 19:02
Operator : CG/JU
Sample : 01362-05MEDL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

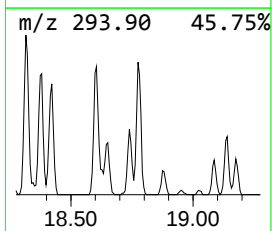
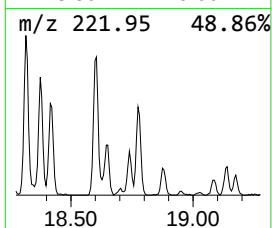
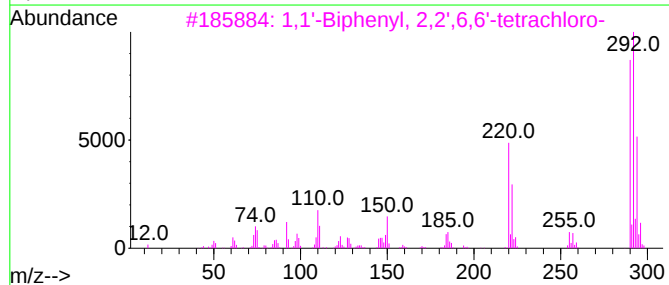
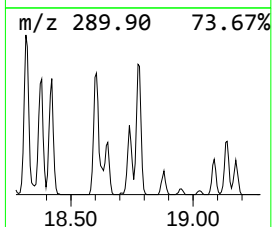
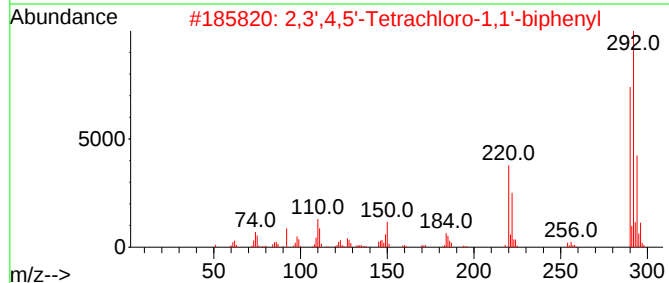
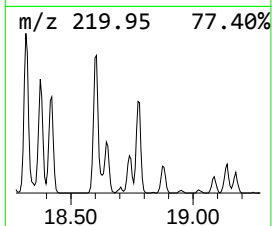
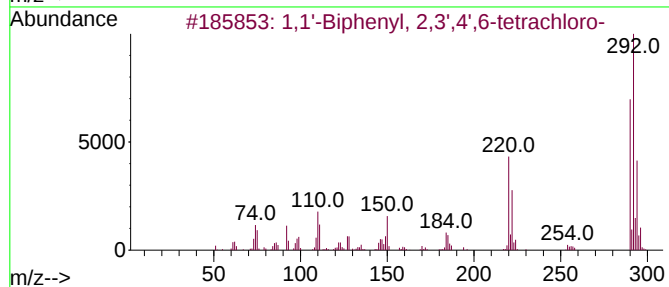
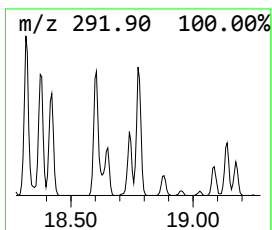
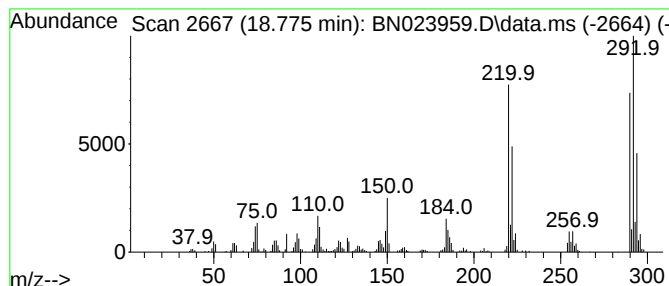
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,3',4',6-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.775	3.34 ng/ul	384100	Phenanthrene-d10		17.239	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
2		2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
3		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4		1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
5		1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
Data File : BN023959.D
Acq On : 06 Feb 2023 19:02
Operator : CG/JU
Sample : 01362-05MEDL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.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, ...	15.751	7.1	ng/ul	579839	3	14.493	1627510	20.0
1,1'-Biphenyl, ...	16.475	7.2	ng/ul	829853	4	17.239	2298510	20.0
1,1'-Biphenyl, ...	17.122	11.9	ng/ul	1368910	4	17.239	2298510	20.0
2,2',4-Trichlor...	17.157	4.4	ng/ul	503520	4	17.239	2298510	20.0
1,1'-Biphenyl, ...	17.416	7.3	ng/ul	837270	4	17.239	2298510	20.0
1,1'-Biphenyl, ...	17.692	2.0	ng/ul	232716	4	17.239	2298510	20.0
1,1'-Biphenyl, ...	17.845	20.6	ng/ul	2370030	4	17.239	2298510	20.0
1,1'-Biphenyl, ...	17.975	8.4	ng/ul	963484	4	17.239	2298510	20.0
1,1'-Biphenyl, ...	18.098	4.0	ng/ul	464477	4	17.239	2298510	20.0
2,2',4,6'-Tetra...	18.316	5.4	ng/ul	622063	4	17.239	2298510	20.0
1,1'-Biphenyl, ...	18.375	3.9	ng/ul	442760	4	17.239	2298510	20.0
1,1'-Biphenyl, ...	18.422	3.2	ng/ul	366420	4	17.239	2298510	20.0
1,1'-Biphenyl, ...	18.598	5.3	ng/ul	603985	4	17.239	2298510	20.0
1,1'-Biphenyl, ...	18.775	3.3	ng/ul	384100	4	17.239	2298510	20.0