

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
 Data File : BN023904.D
 Acq On : 02 Feb 2023 14:36
 Operator : CG/JU
 Sample : 01362-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4443

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: BN023904.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	656	669	682	rBV	317816	576899	0.40%	0.035%
2	7.187	691	697	705	rBV	250165	388599	0.27%	0.024%
3	7.381	723	730	740	rBV	335012	509383	0.36%	0.031%
4	7.852	801	810	815	rBV	639050	1004421	0.70%	0.061%
5	8.569	926	932	942	rVB	409394	640270	0.45%	0.039%
6	8.681	944	951	957	rBV	135668	212566	0.15%	0.013%
7	9.022	1002	1009	1016	rBV	335425	534563	0.37%	0.032%
8	9.740	1122	1131	1141	rBV	291689	495244	0.35%	0.030%
9	10.281	1217	1223	1235	rVB	448843	743426	0.52%	0.045%
10	10.522	1258	1264	1271	rVB	150597	238858	0.17%	0.014%
11	10.663	1276	1288	1295	rBV	838068	1415202	0.99%	0.086%
12	10.804	1306	1312	1327	rBV	334481	605643	0.42%	0.037%
13	12.910	1666	1670	1678	rVB	180920	248986	0.17%	0.015%
14	13.151	1705	1711	1715	rBV	192461	259484	0.18%	0.016%
15	13.234	1720	1725	1734	rVV	337559	459412	0.32%	0.028%
16	13.328	1734	1741	1746	rVV2	237451	473402	0.33%	0.029%
17	13.916	1835	1841	1847	rBV	810706	1099331	0.77%	0.067%
18	14.157	1874	1882	1884	rBV	188291	247554	0.17%	0.015%
19	14.198	1884	1889	1893	rVV	943984	1372052	0.96%	0.083%
20	14.234	1893	1895	1901	rVB	285554	337233	0.24%	0.020%
21	14.534	1930	1946	1952	rBV2	4604285	8105071	5.68%	0.491%
22	14.634	1952	1963	1972	rVV	6919496	9961536	6.98%	0.603%
23	14.716	1972	1977	1987	rVV	312748	444888	0.31%	0.027%
24	15.351	2078	2085	2092	rVB2	496757	843744	0.59%	0.051%
25	15.439	2092	2100	2105	rBV2	1916145	2741892	1.92%	0.166%
26	15.498	2105	2110	2115	rVV	1209103	1662541	1.16%	0.101%
27	15.551	2115	2119	2124	rVB2	419412	620448	0.43%	0.038%
28	15.645	2129	2135	2140	rBV	232864	343345	0.24%	0.021%
29	15.710	2140	2146	2149	rBV	312970	452042	0.32%	0.027%
30	15.798	2149	2161	2166	rVB4	29719799	76610083	53.65%	4.638%
31	16.104	2205	2213	2219	rBV	12582798	19058614	13.35%	1.154%
32	16.157	2219	2222	2225	rVV	187432	226664	0.16%	0.014%
33	16.216	2225	2232	2237	rVB	15082812	21899502	15.34%	1.326%
34	16.392	2249	2262	2272	rBV	20797461	37596272	26.33%	2.276%
35	16.539	2272	2287	2291	rBV3	29061817	90338545	63.27%	5.469%
36	16.804	2323	2332	2337	rBV	18276668	28641820	20.06%	1.734%

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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

37	16.904	2344	2349	2356	rVB2	197060	319714	0.22%	0.019%
38	17.057	2366	2375	2382	rBV2	276989	792077	0.55%	0.048%
39	17.198	2382	2399	2403	rBV6	30196352	142789278	100.00%	8.644%
40	17.234	2403	2405	2409	rVB	27935562	32194709	22.55%	1.949%
41	17.298	2409	2416	2418	rBV	25221352	45800839	32.08%	2.773%
42	17.322	2418	2420	2430	rVB	14123473	19248482	13.48%	1.165%
43	17.410	2430	2435	2437	rBV	1158144	1550368	1.09%	0.094%
44	17.481	2437	2447	2452	rVB3	29127806	88357428	61.88%	5.349%
45	17.557	2456	2460	2468	rBV	895394	1603338	1.12%	0.097%
46	17.639	2468	2474	2482	rVB2	2624341	4405435	3.09%	0.267%
47	17.739	2482	2491	2507	rBV	17873392	60753923	42.55%	3.678%
48	17.910	2507	2520	2522	rBV3	29929924	98691110	69.12%	5.975%
49	18.063	2532	2546	2550	rBV5	29874517	102677442	71.91%	6.216%
50	18.104	2550	2553	2556	rVV	8086715	8804642	6.17%	0.533%
51	18.175	2556	2565	2568	rVV	28123260	61990983	43.41%	3.753%
52	18.216	2568	2572	2576	rVB	20775323	26894416	18.84%	1.628%
53	18.304	2580	2587	2590	rBV	10365743	13845350	9.70%	0.838%
54	18.381	2590	2600	2604	rVV2	29276424	79855698	55.93%	4.834%
55	18.439	2604	2610	2614	rVV	27639547	61850274	43.32%	3.744%
56	18.486	2614	2618	2622	rVB	27747852	46113817	32.30%	2.792%
57	18.663	2637	2648	2652	rBV2	28771759	80529699	56.40%	4.875%
58	18.710	2652	2656	2659	rVV	22734181	31534222	22.08%	1.909%
59	18.763	2659	2665	2668	rVV	20493140	39583547	27.72%	2.396%
60	18.798	2668	2671	2673	rVV	18557255	26074031	18.26%	1.578%
61	18.839	2673	2678	2682	rVV2	28984633	51269712	35.91%	3.104%
62	18.886	2682	2686	2687	rVV	1240409	1383911	0.97%	0.084%
63	18.922	2687	2692	2697	rVV	16042193	21361219	14.96%	1.293%
64	18.980	2697	2702	2708	rVV	2595767	3401241	2.38%	0.206%
65	19.051	2708	2714	2719	rVV2	2187605	3003963	2.10%	0.182%
66	19.116	2719	2725	2729	rVV	12135927	17293485	12.11%	1.047%
67	19.175	2729	2735	2738	rVV	16316378	32435167	22.72%	1.964%
68	19.210	2739	2741	2746	rVV	15068251	18676813	13.08%	1.131%
69	19.275	2748	2752	2756	rVV	2803664	3331018	2.33%	0.202%
70	19.310	2756	2758	2763	rVV	288431	345297	0.24%	0.021%
71	19.410	2767	2775	2781	rBV	2561470	5364735	3.76%	0.325%
72	19.463	2781	2784	2792	rVV	3217856	4060174	2.84%	0.246%
73	19.528	2792	2795	2799	rVV	429170	498652	0.35%	0.030%
74	19.663	2813	2818	2823	rBV	1336295	1690546	1.18%	0.102%
75	19.722	2825	2828	2835	rVB3	140106	201282	0.14%	0.012%
76	19.798	2838	2841	2846	rVV2	118022	160702	0.11%	0.010%

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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-BN020123.M
 Title : SVOA CALIBRATION

77	19.904	2856	2859	2864	rVV	215707	288441	0.20%	0.017%
78	19.951	2864	2867	2872	rVV	130275	184205	0.13%	0.011%
79	20.522	2960	2964	2968	rBV2	208846	279377	0.20%	0.017%
80	21.145	3066	3070	3075	rBV	1669462	1915622	1.34%	0.116%
81	21.404	3101	3114	3115	rBV3	28247655	90749570	63.55%	5.494%
82	21.445	3120	3121	3136	rVB	1530649	1455601	1.02%	0.088%
83	22.574	3309	3313	3323	rVB	901408	1526695	1.07%	0.092%
84	23.680	3496	3501	3518	rVB	769074	1598933	1.12%	0.097%
85	23.839	3522	3528	3536	rVB	894653	1713376	1.20%	0.104%

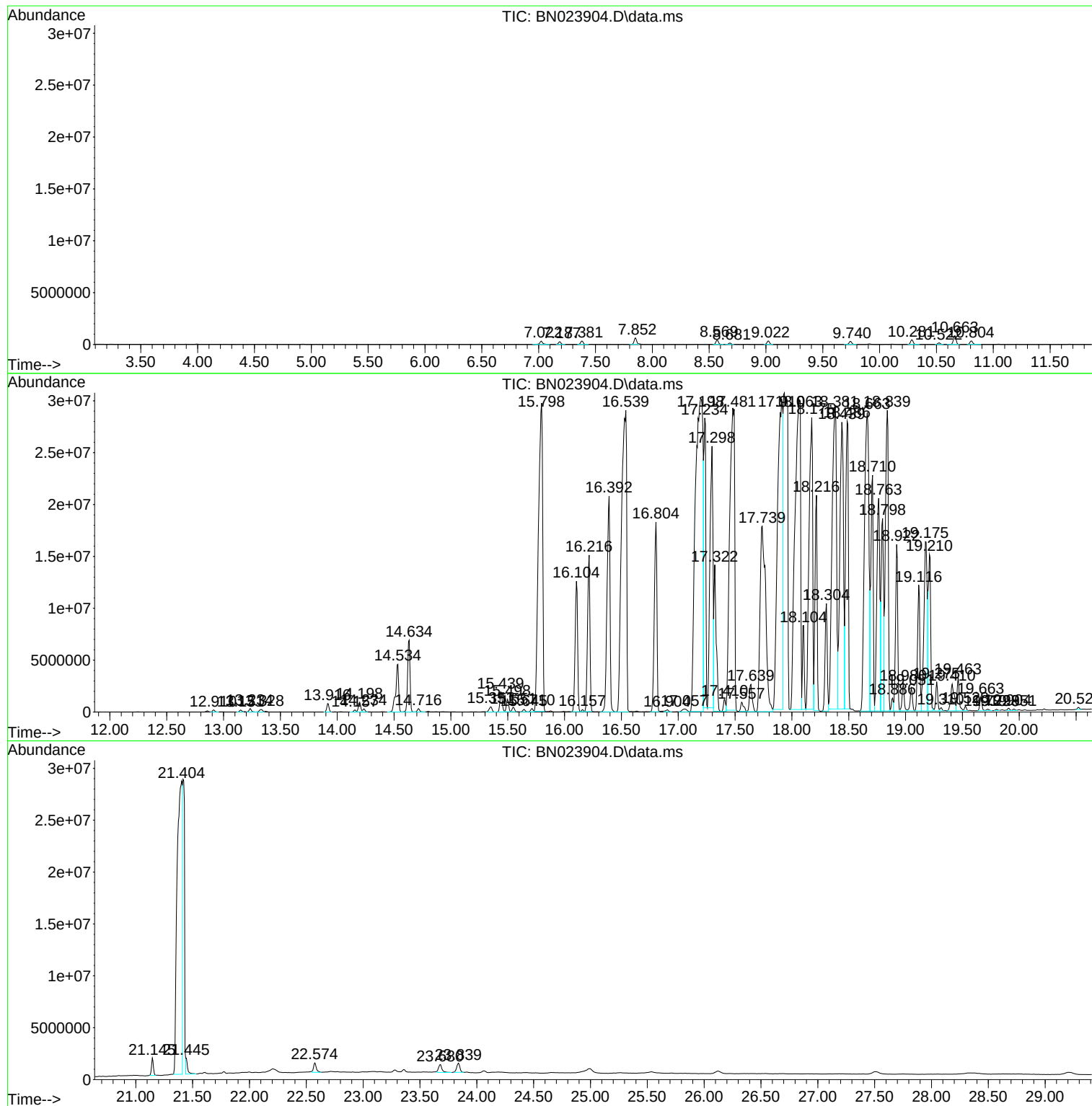
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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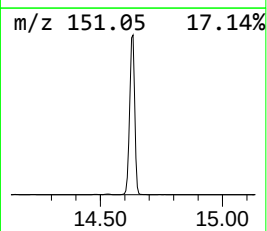
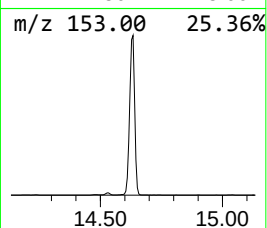
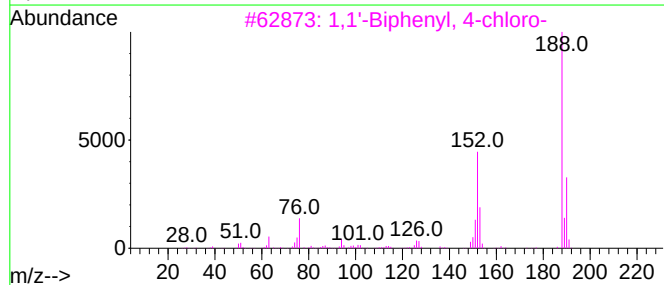
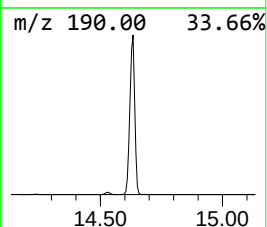
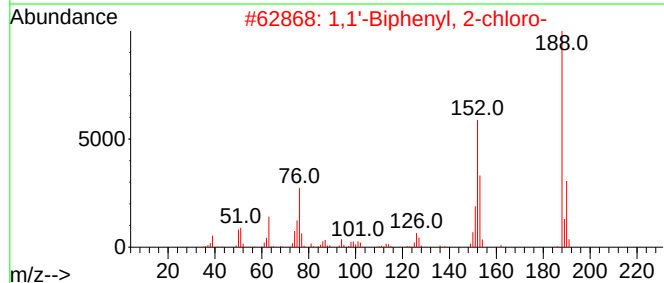
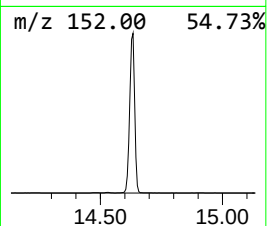
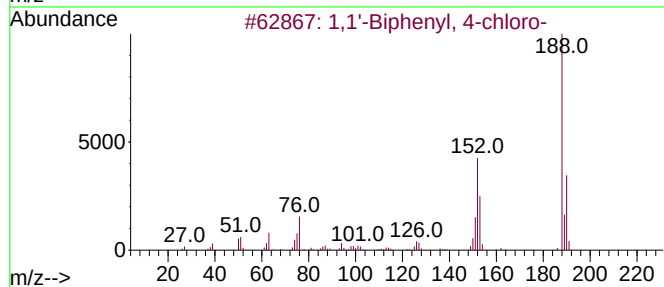
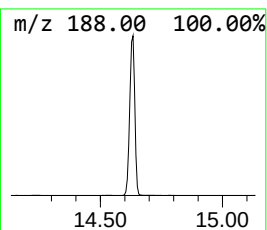
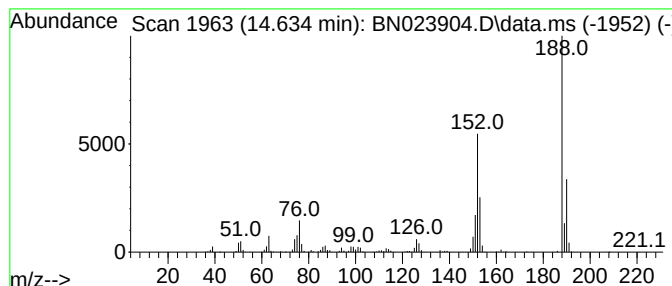
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1,1'-Biphenyl, 4-chloro- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.634	24.58 ng/ul	9961540	Acenaphthene-d10	14.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	97
2	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	96
3	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	95
4	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	94
5	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	94



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ALS Vial : 10 Sample Multiplier: 1

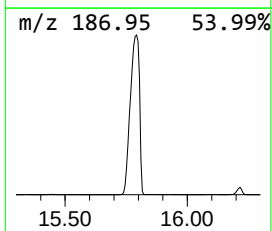
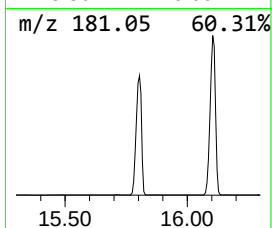
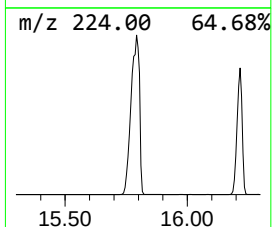
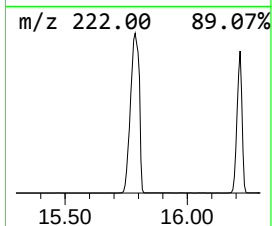
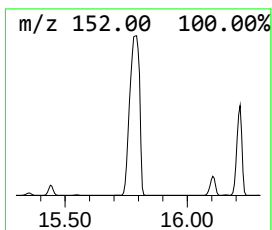
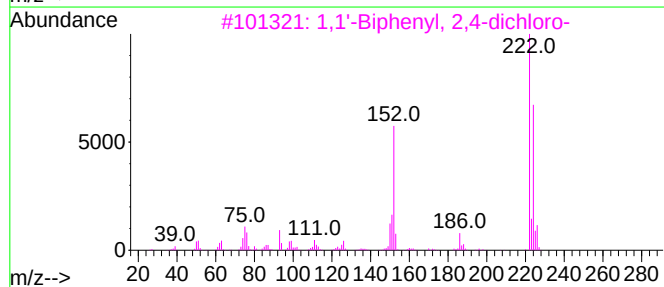
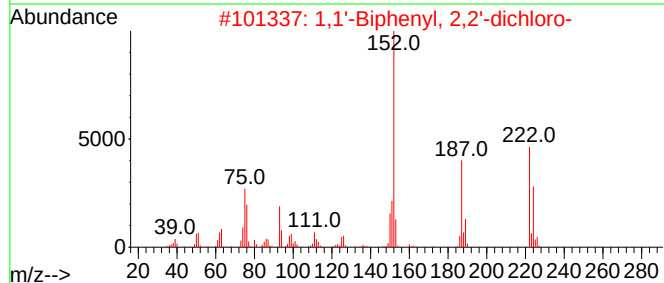
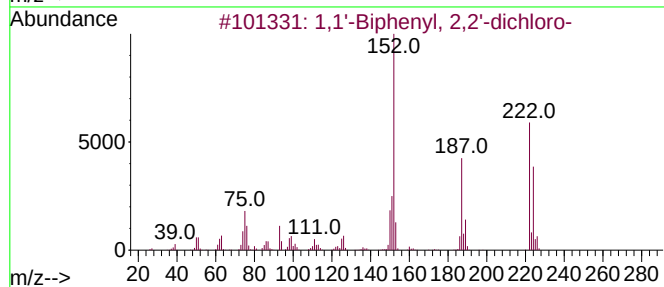
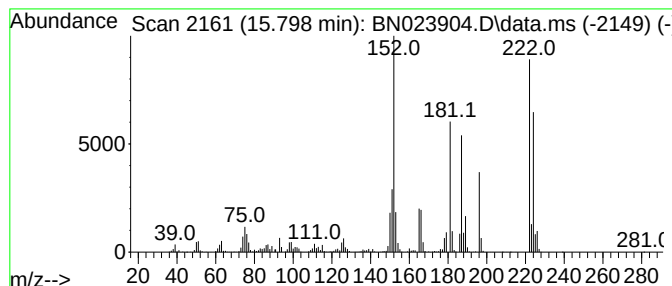
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.798	189.04 ng/ul	76610100	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, 2,2'-dichloro-		222	C12H8Cl2	013029-08-8	95
3	1,1'-Biphenyl, 2,4-dichloro-		222	C12H8Cl2	033284-50-3	94
4	1,1'-Biphenyl, 2,2'-dichloro-		222	C12H8Cl2	013029-08-8	93
5	1,1'-Biphenyl, 2,2'-dichloro-		222	C12H8Cl2	013029-08-8	91



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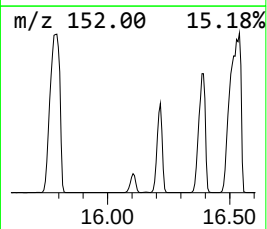
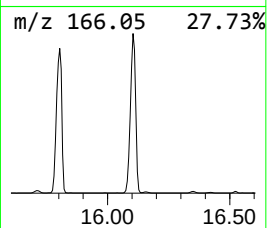
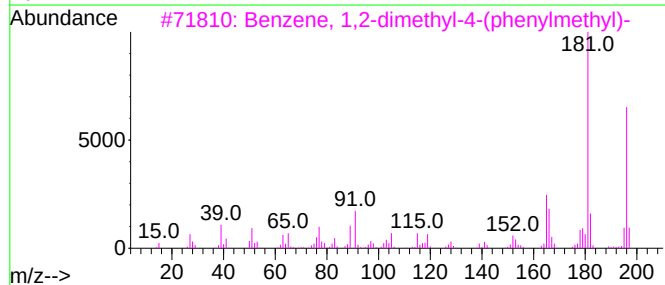
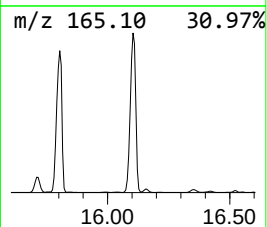
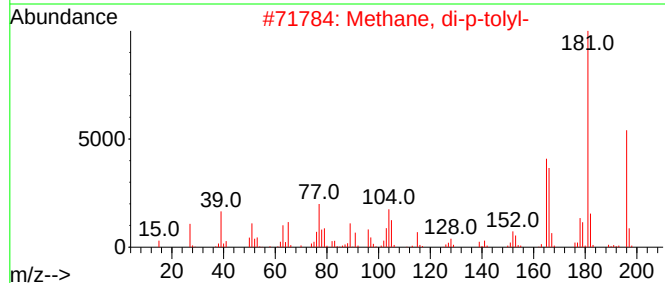
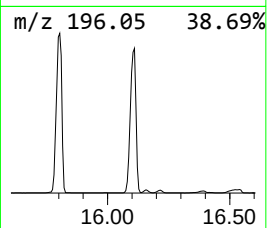
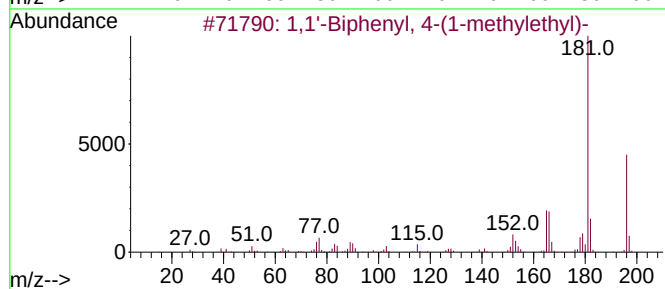
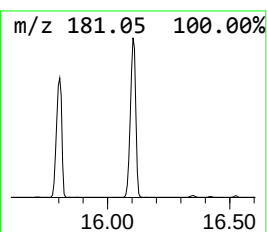
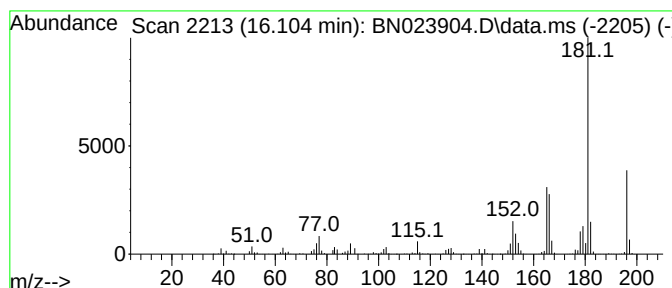
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.104	19.80 ng/ul	19058600	Phenanthrene-d10	17.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	96
2			Methane, di-p-tolyl-	196	C15H16	004957-14-6	94
3			Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	94
4			Methane, di-p-tolyl-	196	C15H16	004957-14-6	90
5			Methane, di-p-tolyl-	196	C15H16	004957-14-6	87



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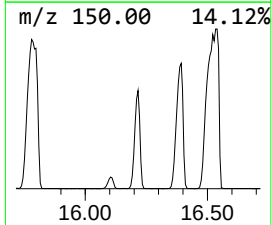
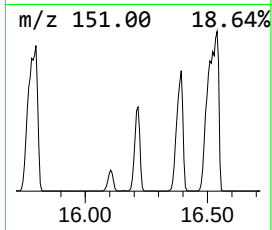
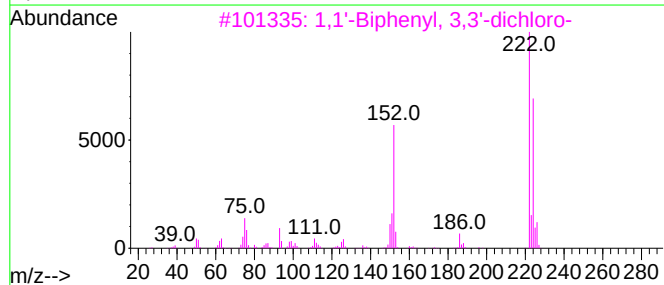
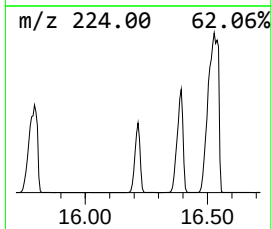
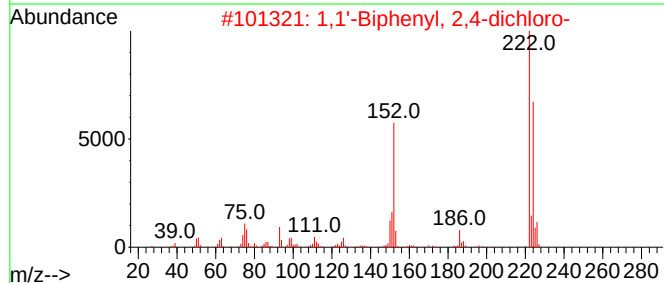
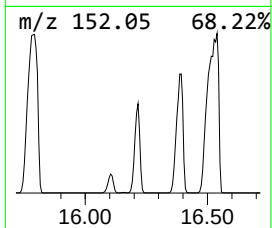
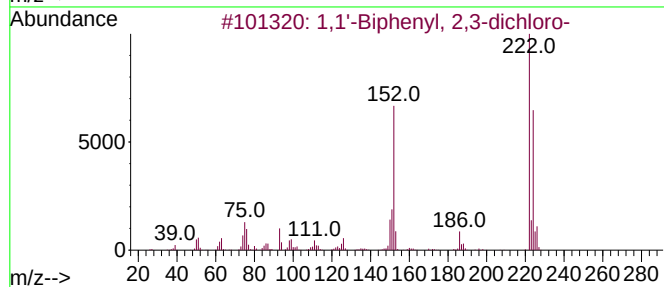
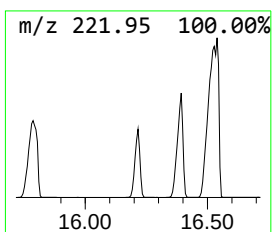
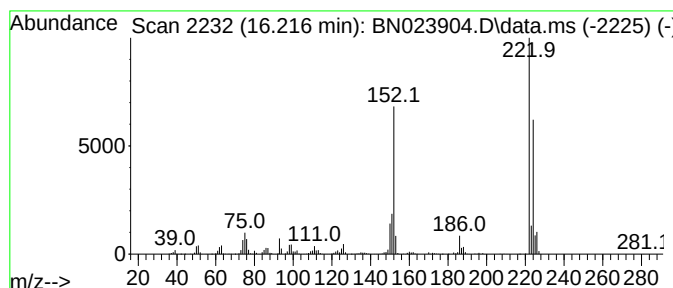
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.216	22.75 ng/ul	21899500	Phenanthrene-d10		17.322	
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	98
4	1,1'-Biphenyl, 2,3-dichloro-		222	C12H8Cl2	016605-91-7	97
5	1,1'-Biphenyl, 2,4-dichloro-		222	C12H8Cl2	033284-50-3	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

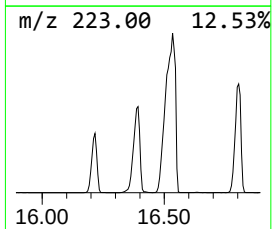
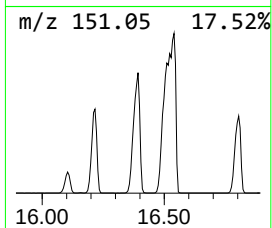
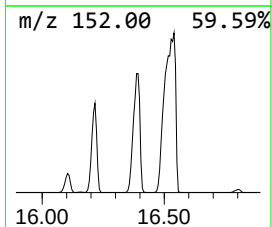
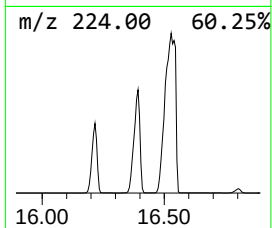
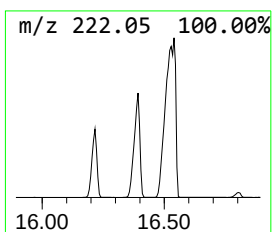
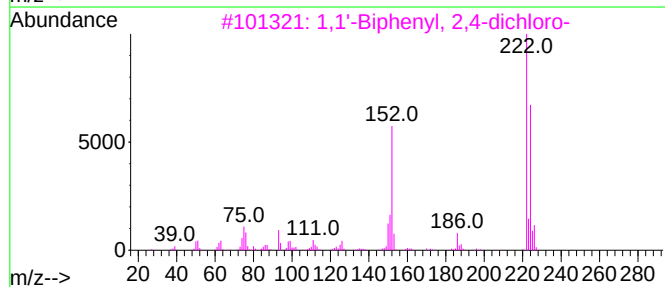
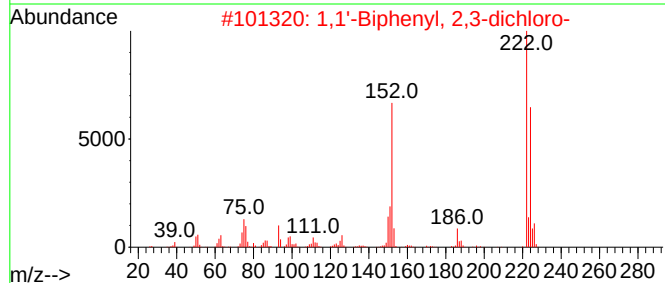
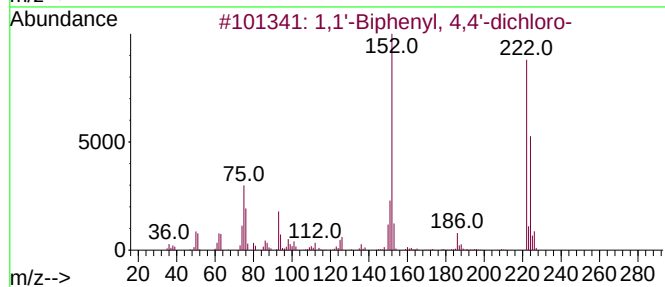
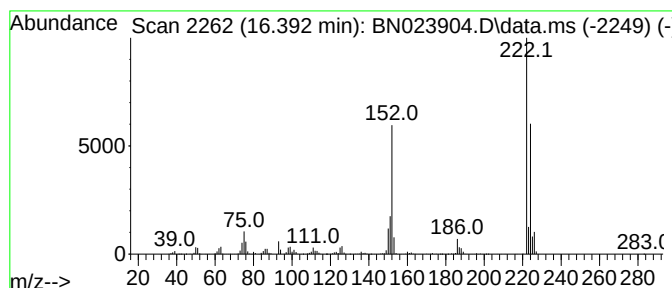
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 4,4'-dichloro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.392	39.06 ng/ul	37596300	Phenanthrene-d10	17.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97
2	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	97
3	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	97
4	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97
5	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

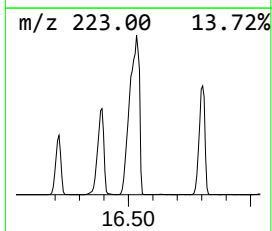
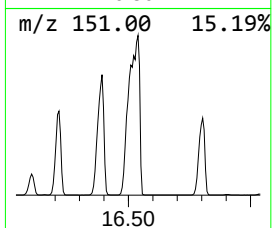
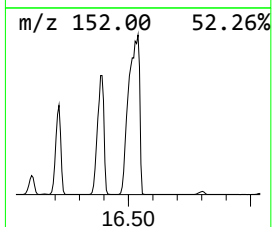
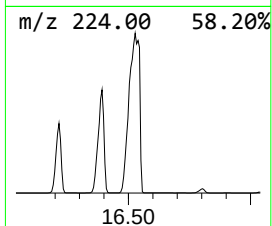
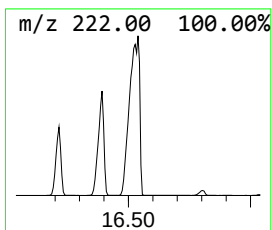
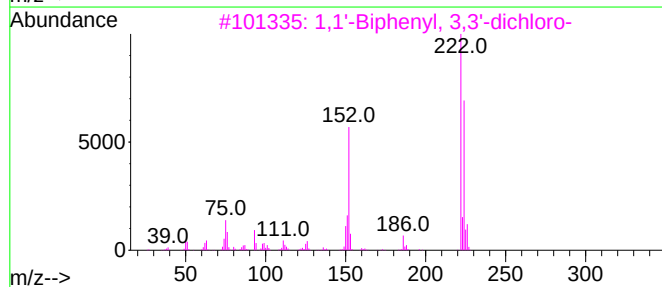
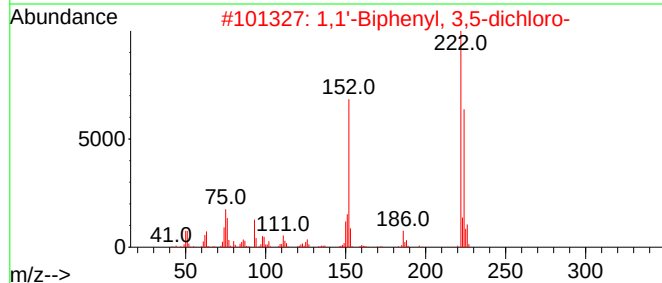
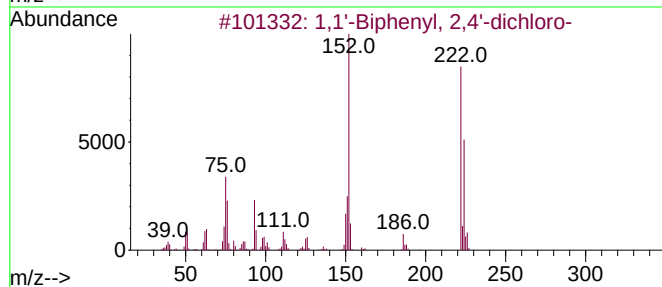
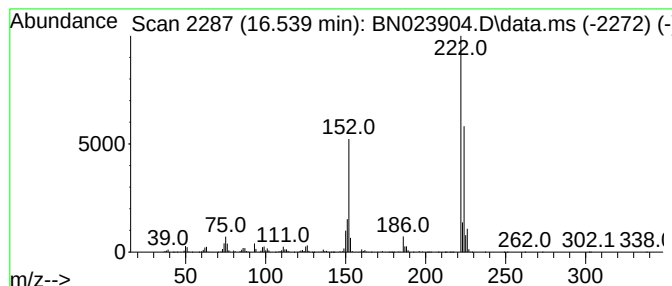
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1,1'-Biphenyl, 2,4'-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.539	93.87 ng/ul	90338500	Phenanthrene-d10	17.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97
2	1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	97
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	96
4	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	96
5	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
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Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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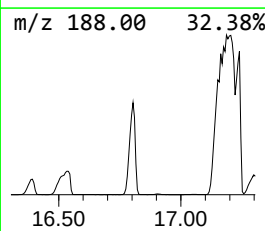
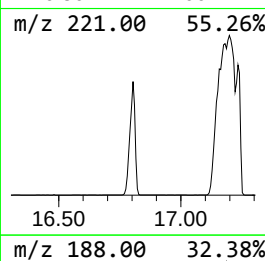
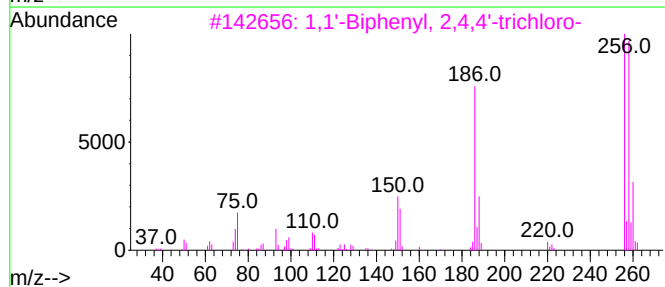
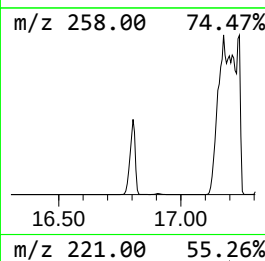
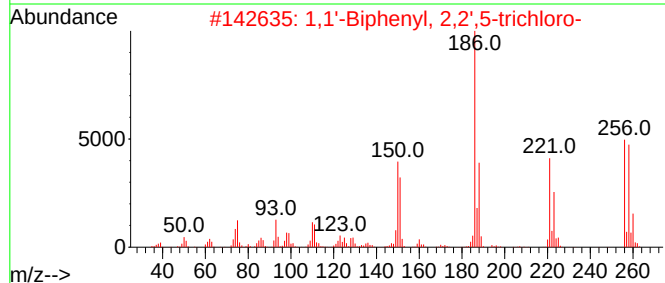
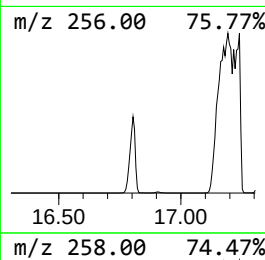
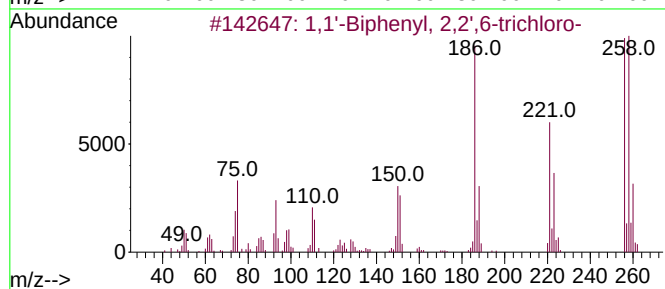
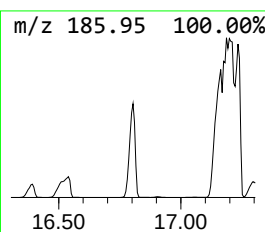
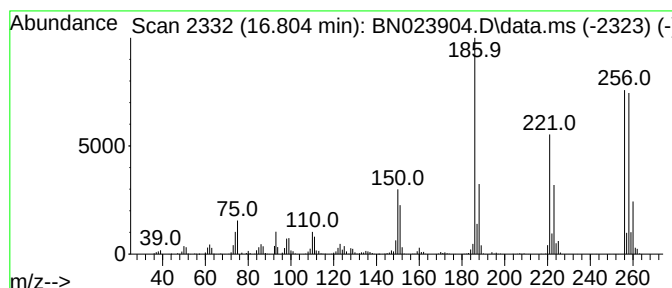
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,2',6-trich... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.804	29.76 ng/ul	28641800	Phenanthrene-d10	17.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

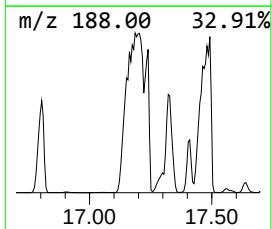
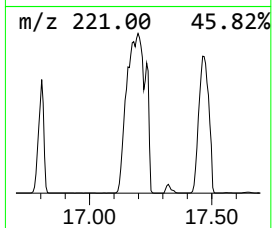
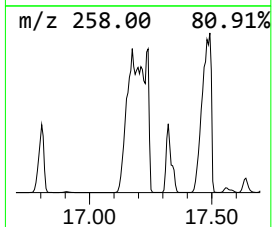
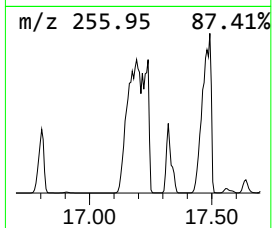
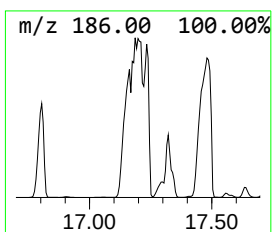
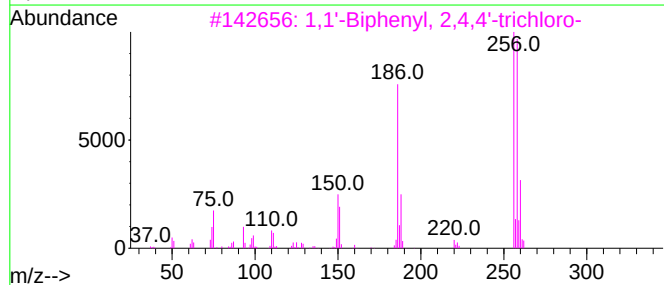
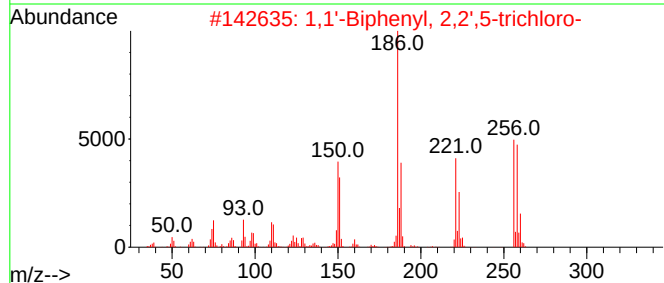
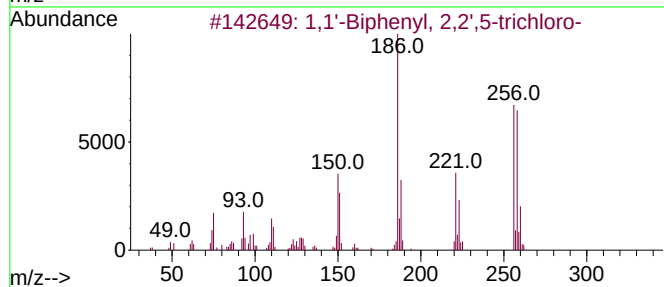
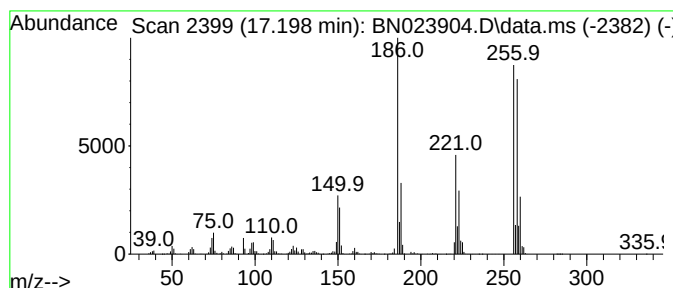
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.198	148.36 ng/ul	142789000	Phenanthrene-d10		17.322	
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, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	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 : BN023904.D
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Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

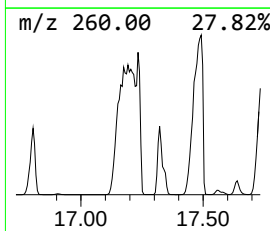
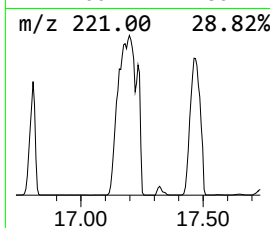
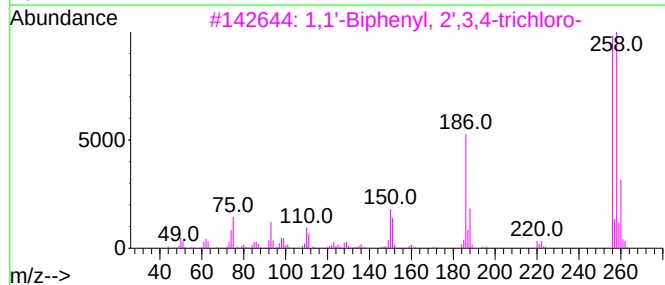
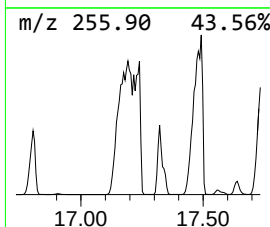
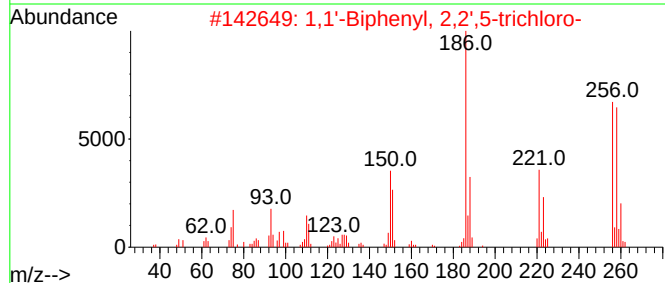
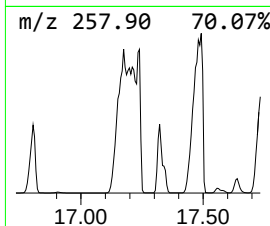
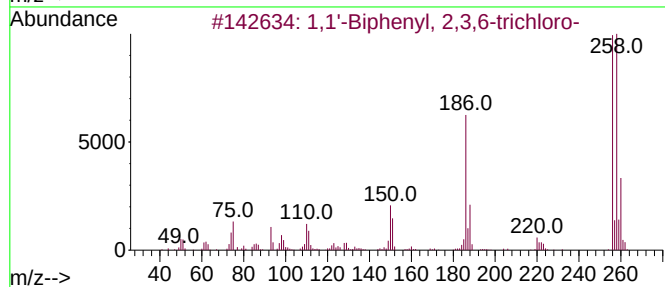
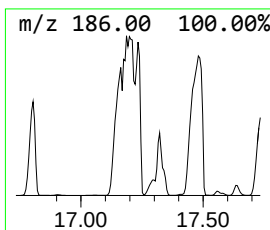
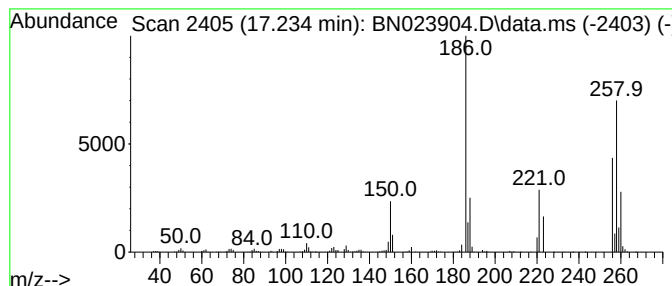
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.233	33.45 ng/ul	32194700	Phenanthrene-d10	17.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	68
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	64
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	58
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	53
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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Acq On : 02 Feb 2023 14:36
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Sample : 01362-05
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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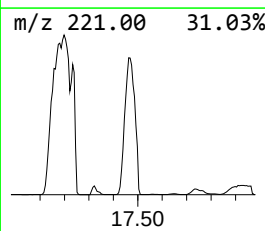
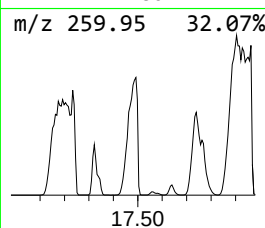
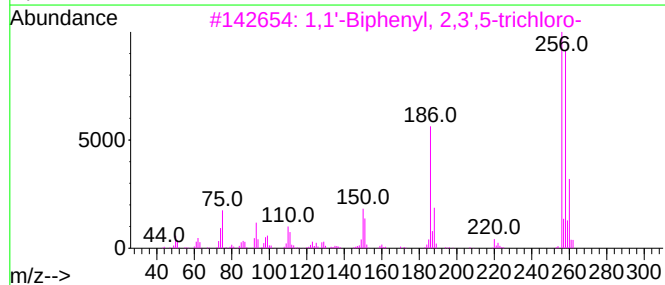
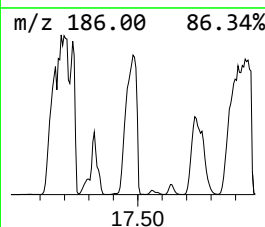
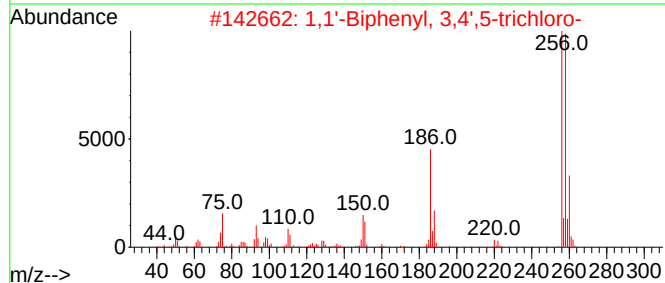
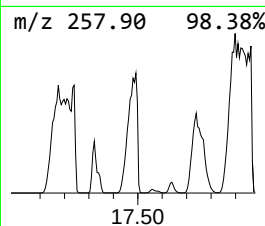
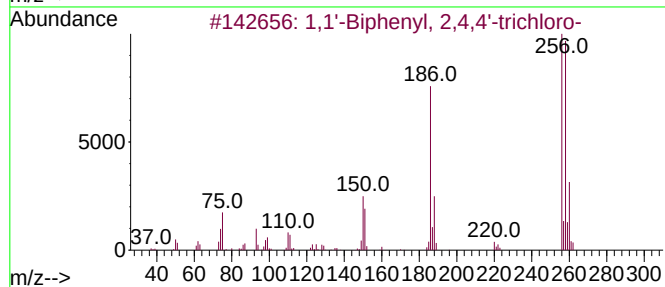
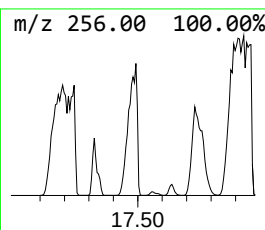
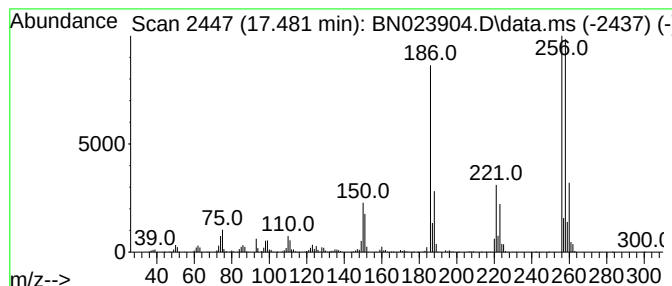
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.481	91.81 ng/ul	88357400	Phenanthrene-d10	17.322

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, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	98	
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98	
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98	
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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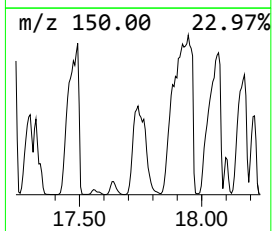
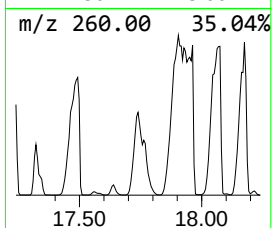
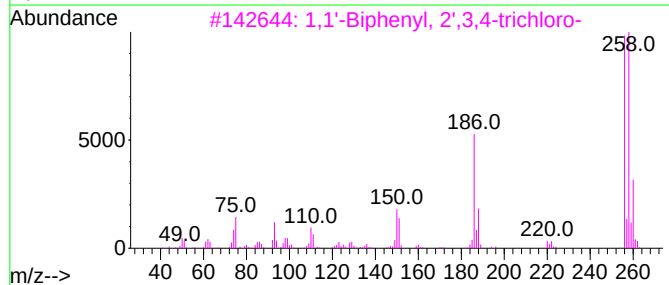
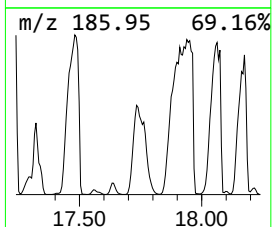
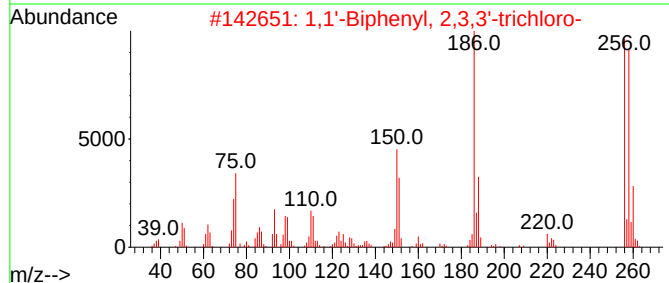
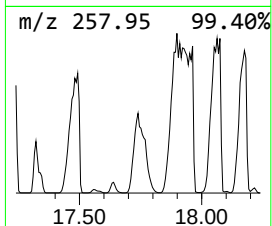
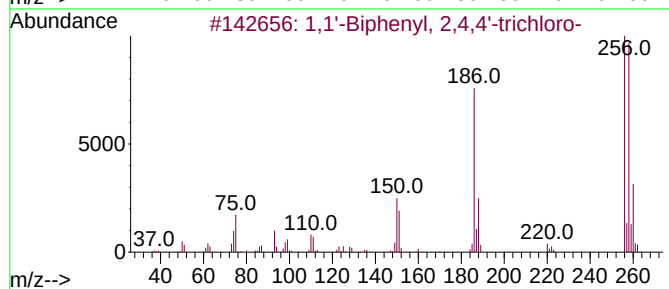
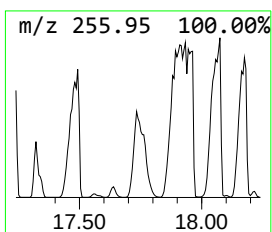
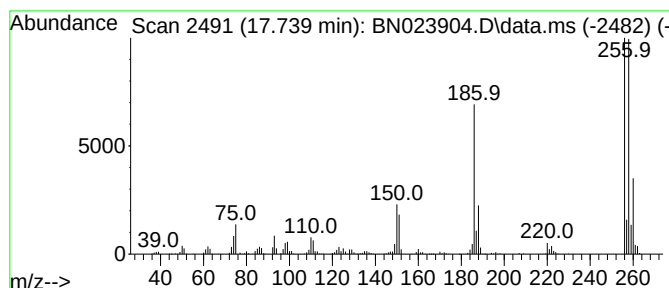
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.739	63.13 ng/ul	60753900	Phenanthrene-d10	17.322

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, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99	
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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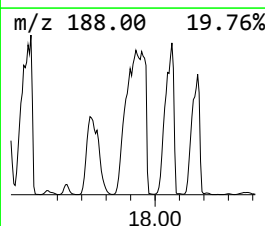
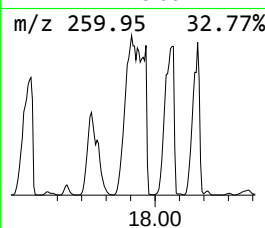
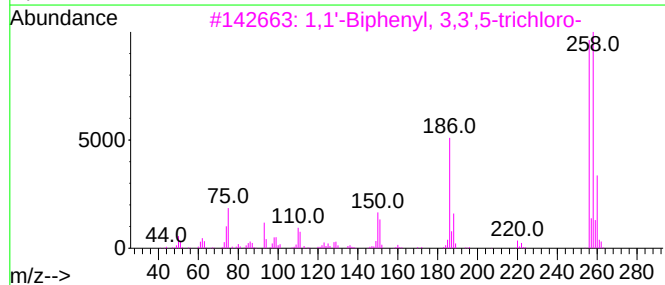
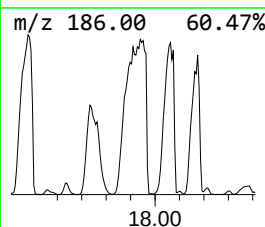
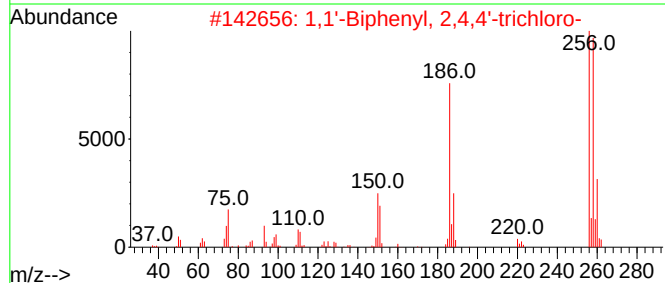
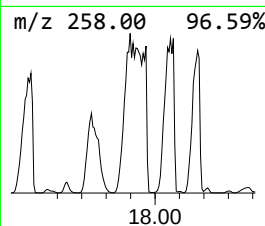
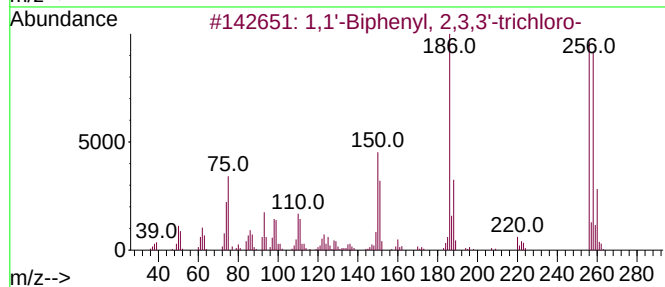
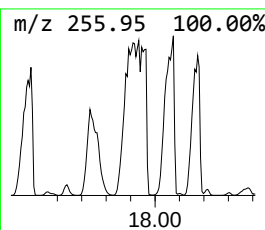
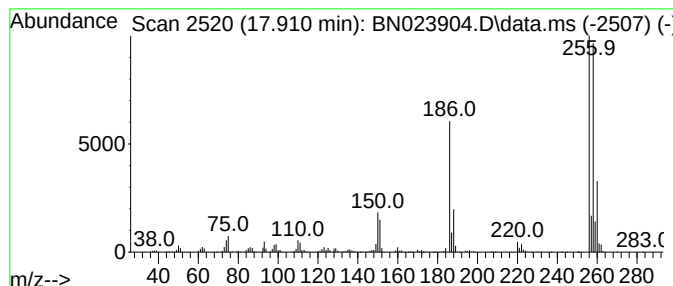
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.910	102.54 ng/ul	98691100	Phenanthrene-d10	17.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99	
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99	
3	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	98	
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	98	
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

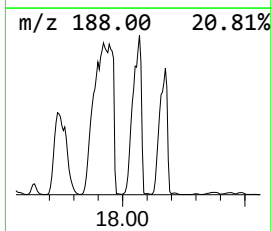
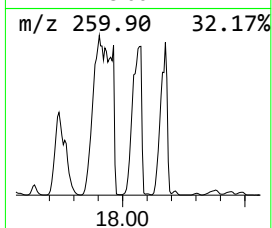
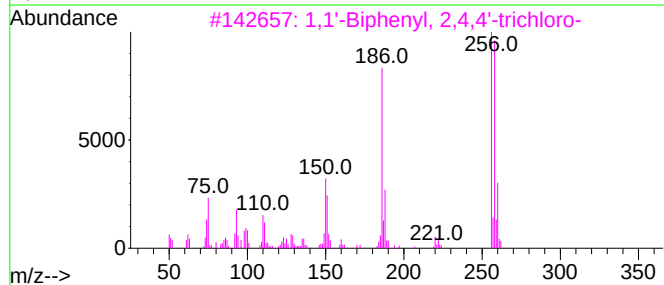
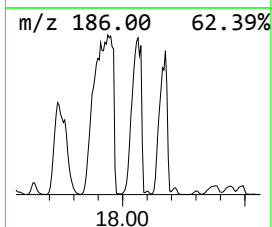
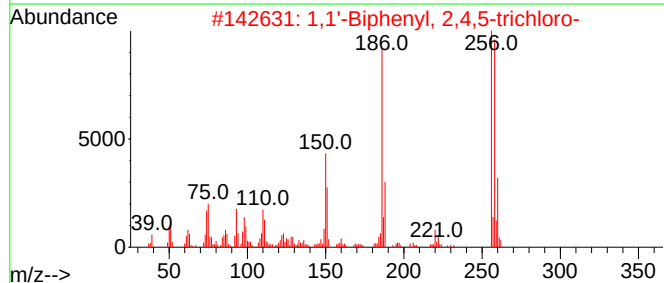
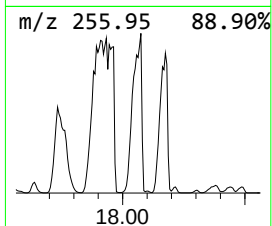
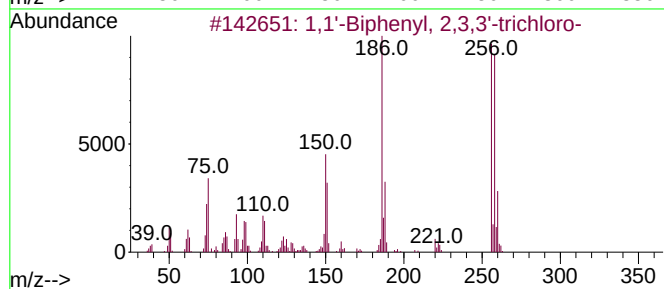
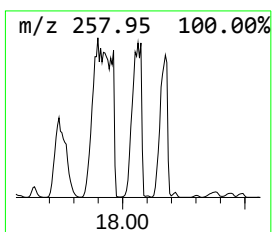
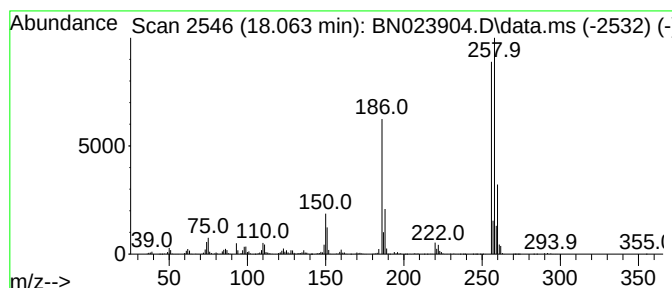
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2,4,5-trichl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.063	106.69 ng/ul	102677000	Phenanthrene-d10	17.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
2	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	98
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

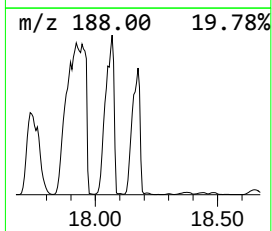
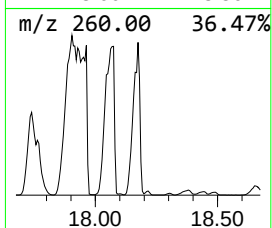
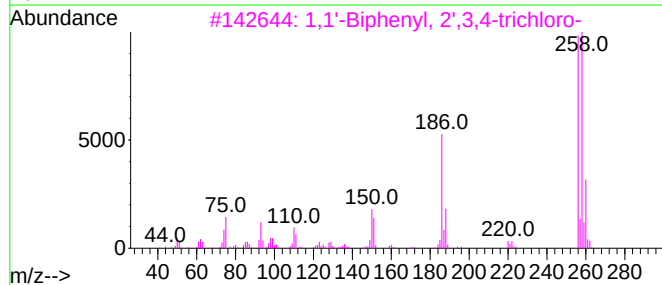
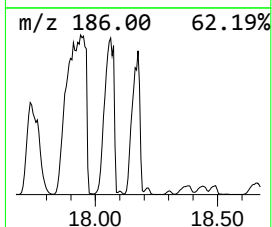
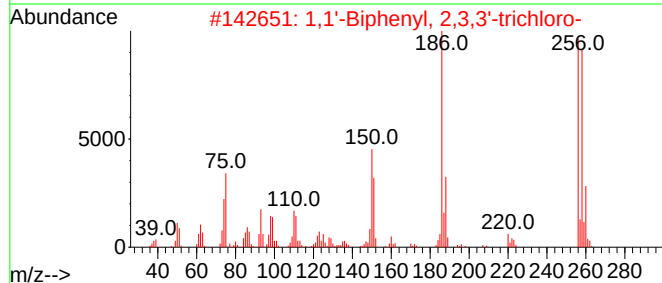
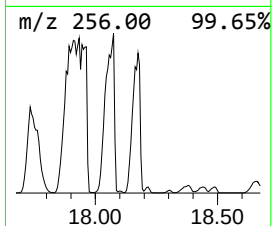
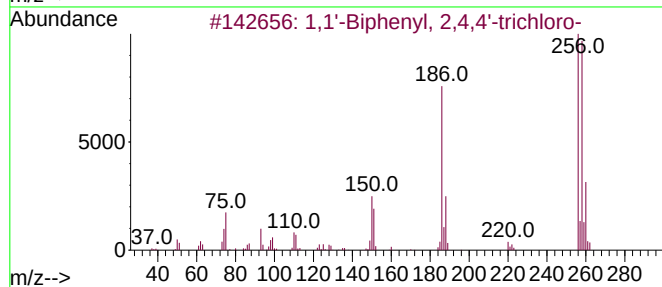
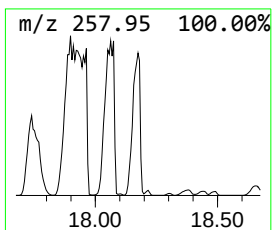
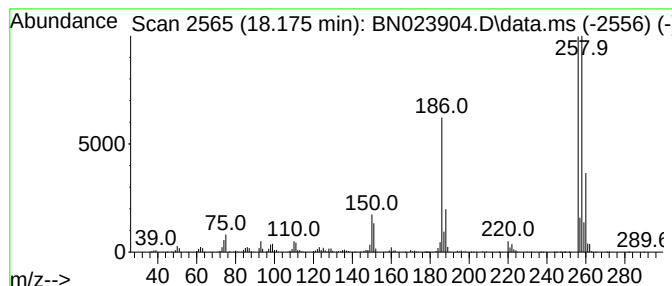
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.175	64.41 ng/ul	61991000	Phenanthrene-d10	17.322	
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, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

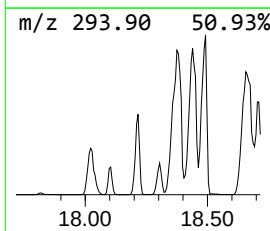
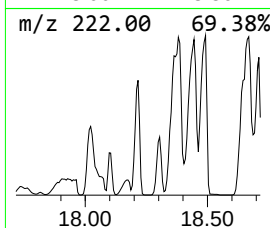
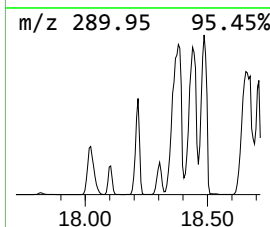
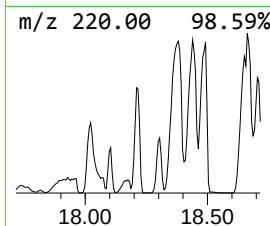
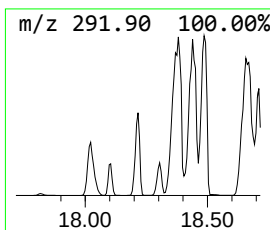
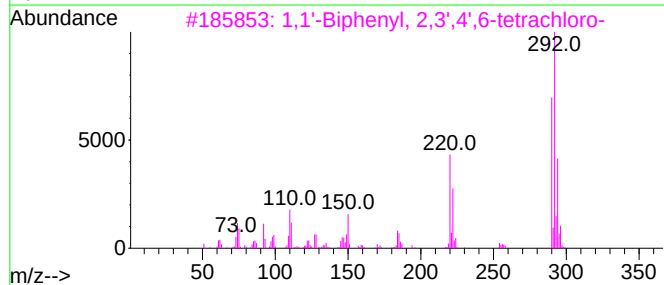
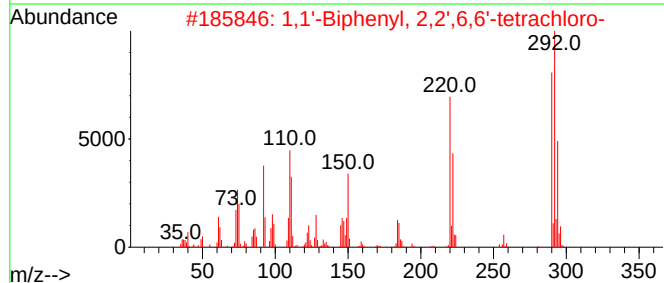
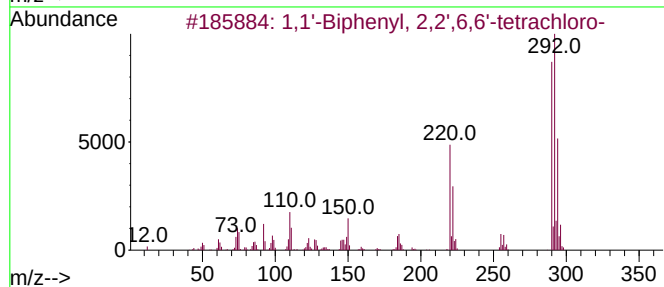
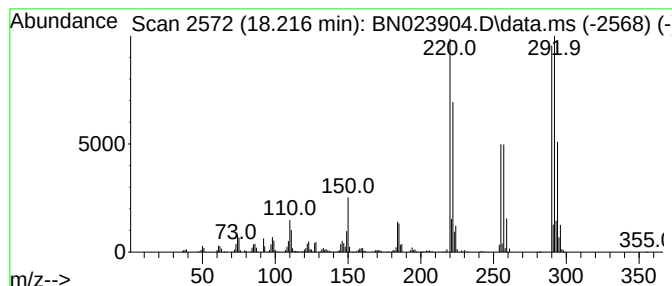
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.216	27.94 ng/ul	26894400	Phenanthrene-d10	17.322		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	290	C12H6Cl4	015968-05-5	99	
2	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	290	C12H6Cl4	015968-05-5	98	
3	1,1'-Biphenyl, 2,3',4',6-tetrachloro-	290	C12H6Cl4	041464-46-4	98	
4	1,1'-Biphenyl, 2,3,4,4'-tetrachloro-	290	C12H6Cl4	033025-41-1	98	
5	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	97	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

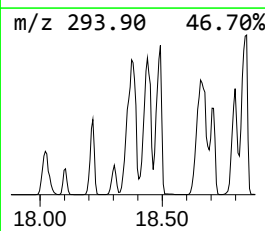
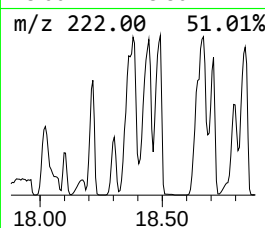
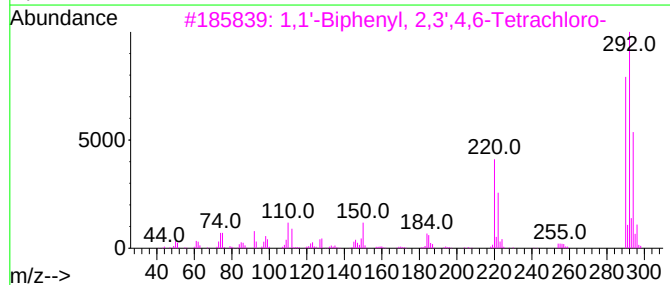
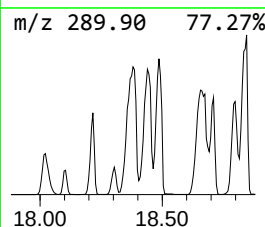
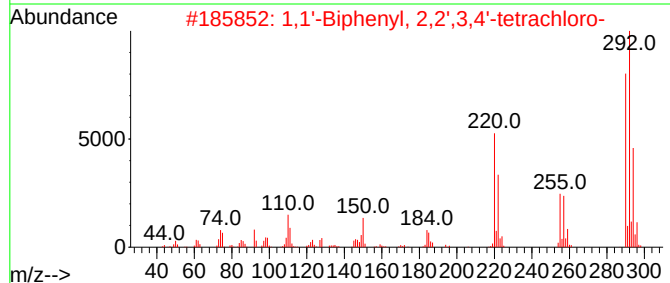
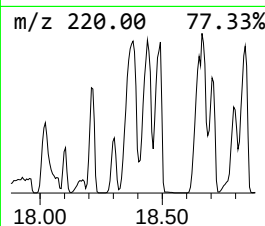
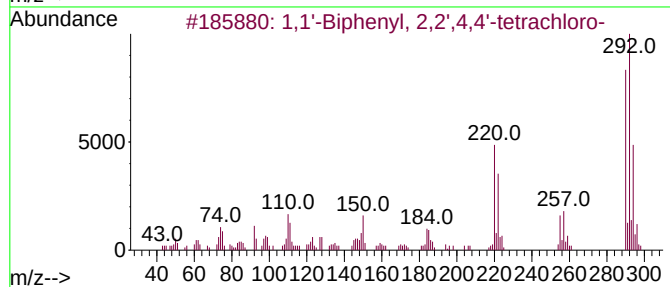
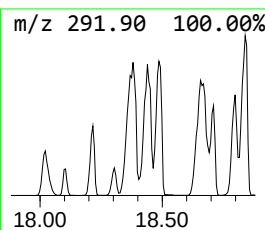
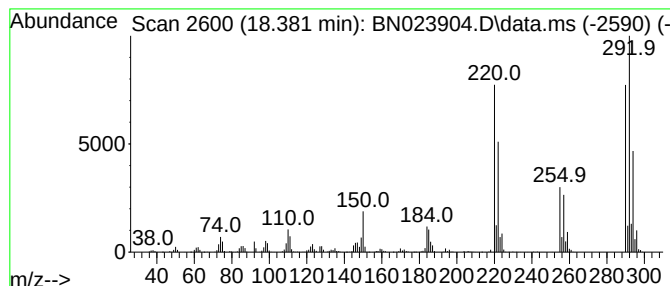
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.381	82.97 ng/ul	79855700	Phenanthrene-d10	17.322		
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',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99	
3	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99	
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99	
5	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

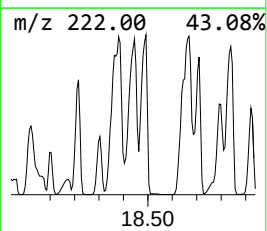
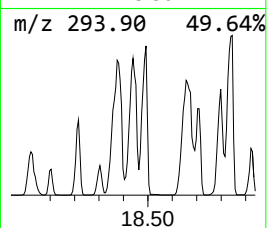
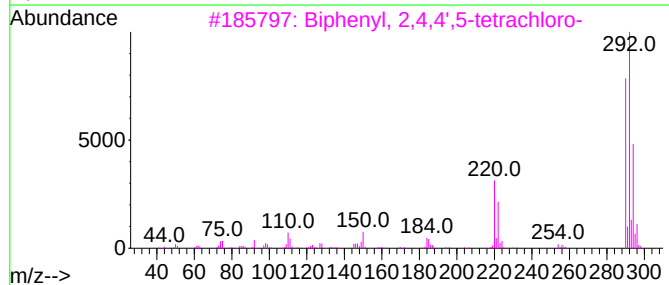
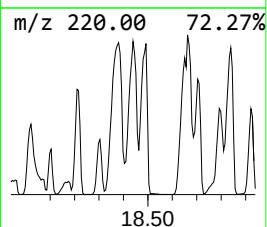
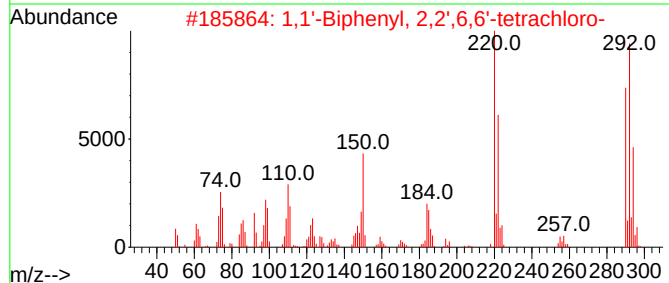
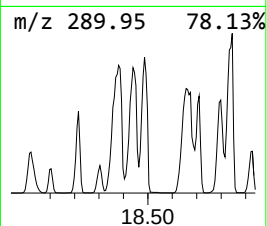
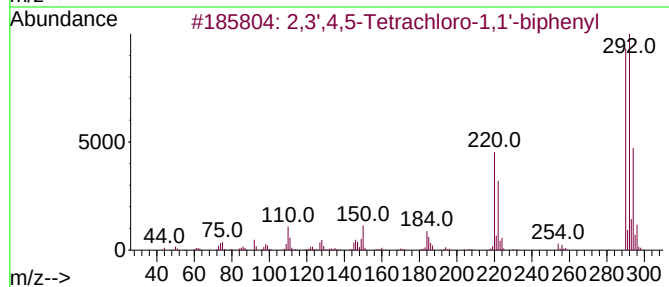
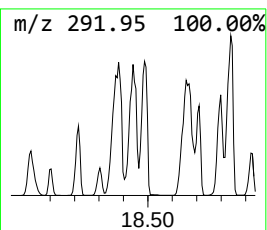
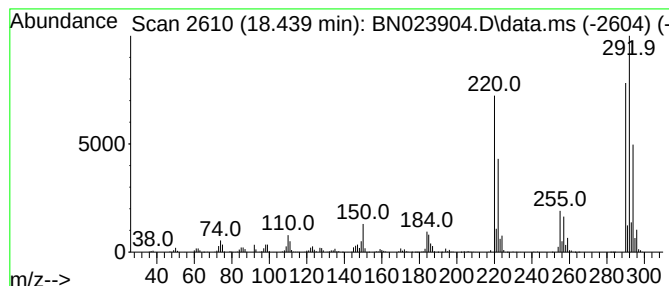
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.439	64.27 ng/ul	61850300	Phenanthrene-d10		17.322	
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, 2,2',6,6'-tetrach...		290	C12H6Cl4	015968-05-5	99
3	Biphenyl, 2,4,4',5-tetrachloro-		290	C12H6Cl4	032690-93-0	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...		290	C12H6Cl4	015968-05-5	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 : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

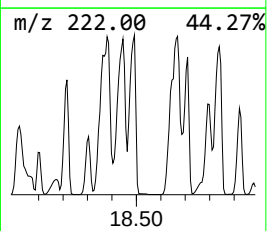
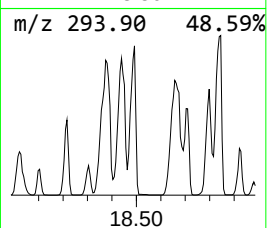
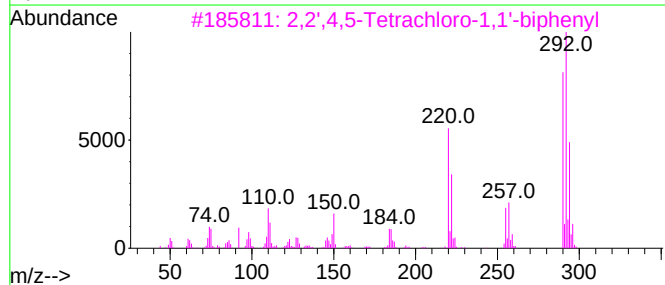
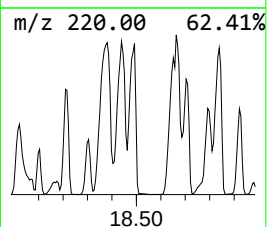
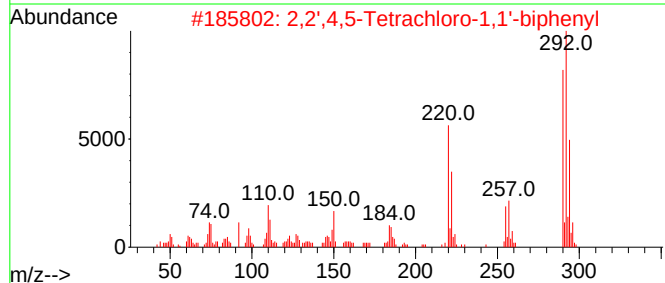
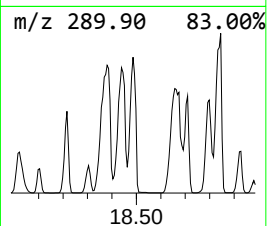
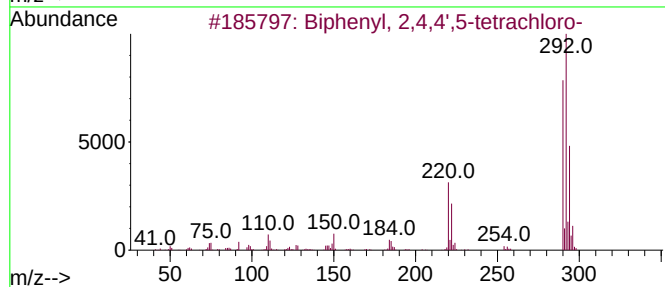
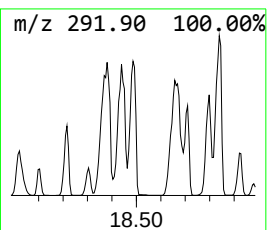
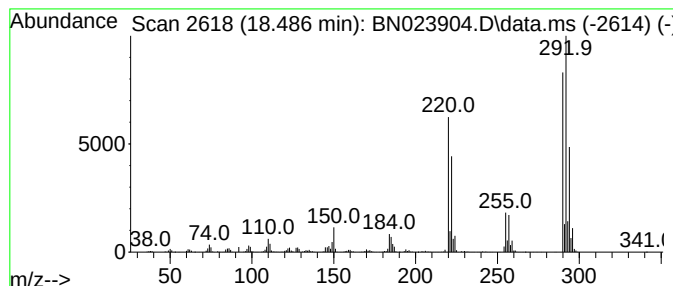
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.486	47.91 ng/ul	46113800	Phenanthrene-d10	17.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	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, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
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Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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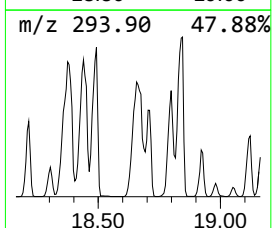
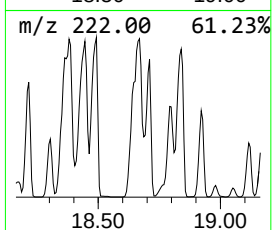
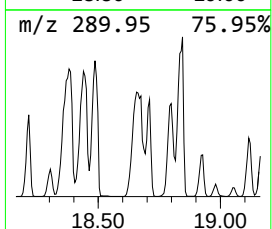
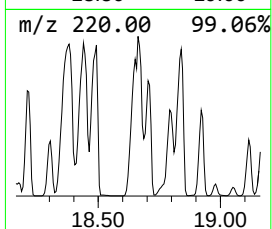
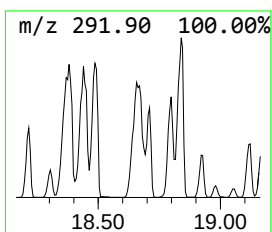
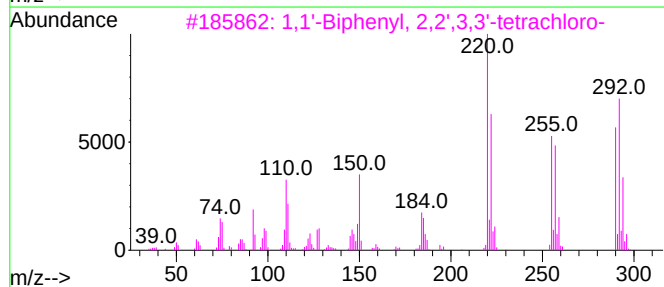
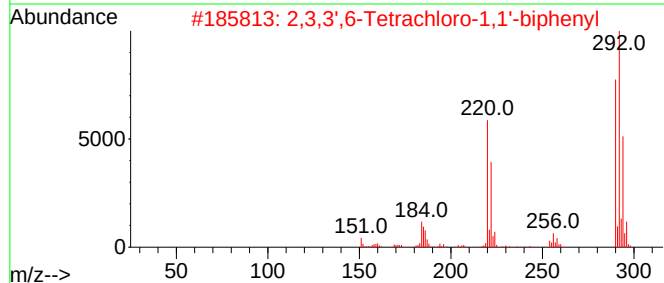
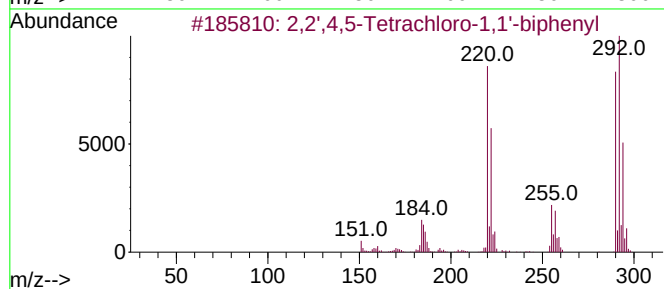
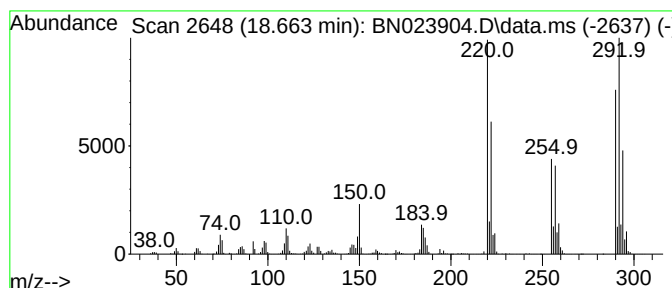
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.663	83.67 ng/ul	80529700	Phenanthrene-d10	17.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99		
2	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99		
3	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99		
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99		
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

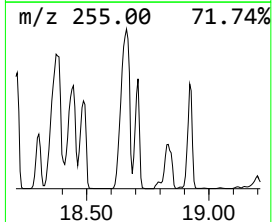
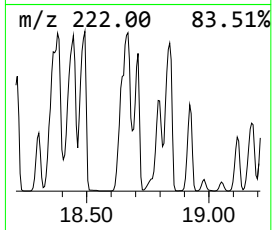
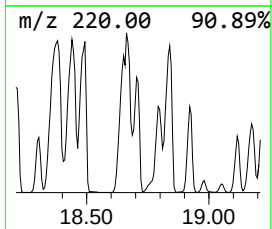
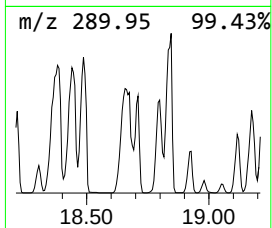
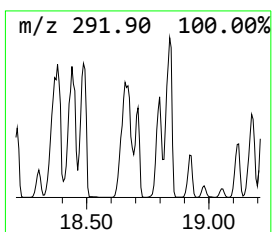
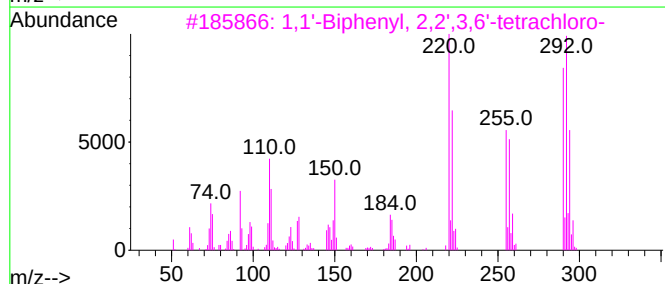
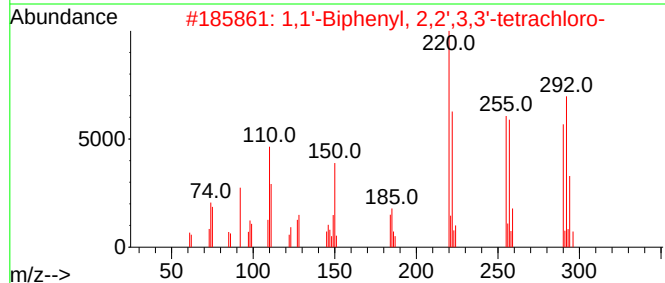
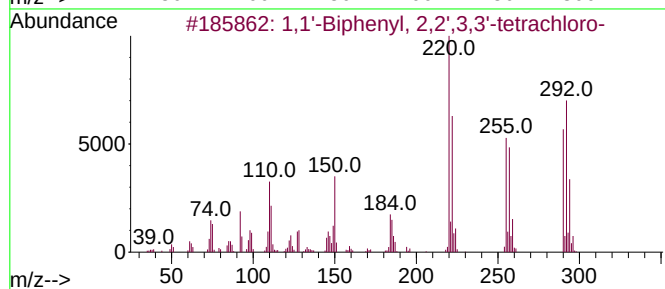
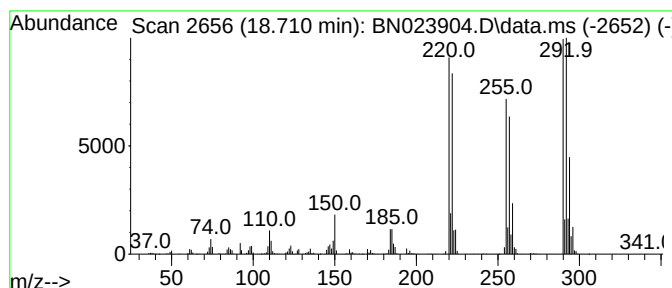
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 1,1'-Biphenyl, 2,2',3,3'-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.710	32.77 ng/ul	31534200	Phenanthrene-d10	17.322	
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',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99
3	1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	98
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	98
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

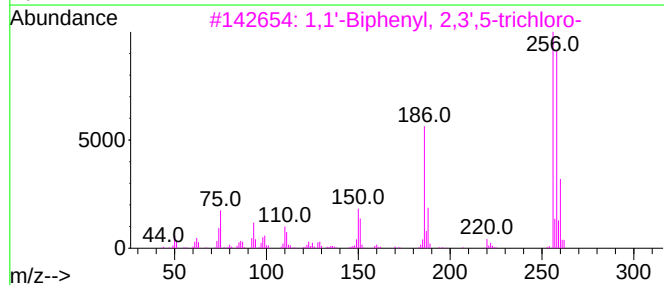
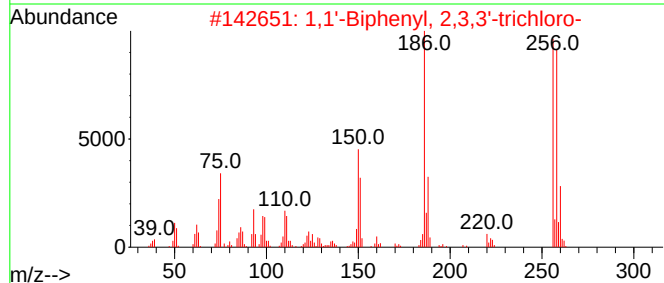
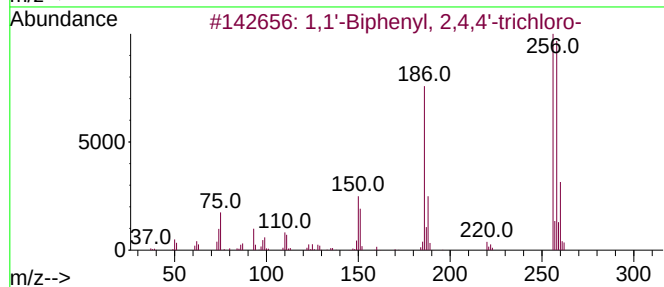
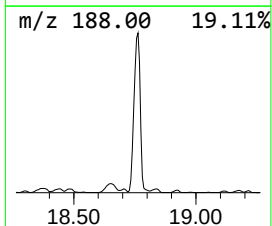
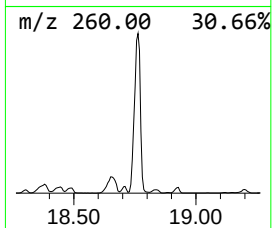
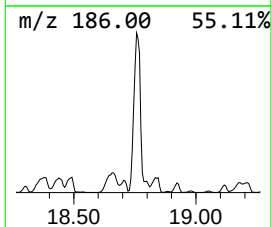
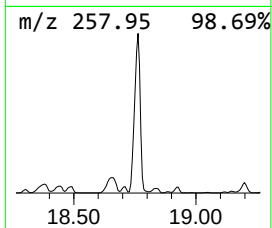
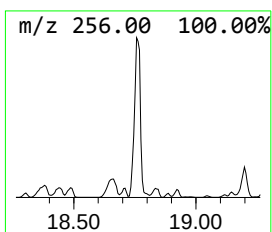
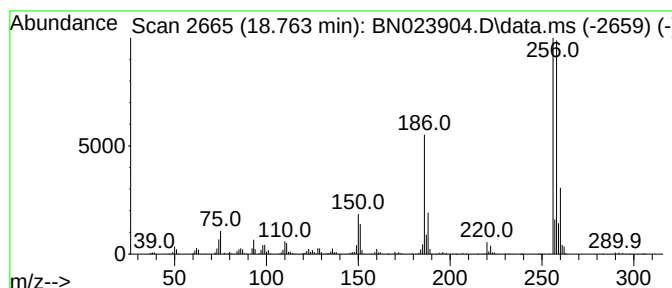
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.763	41.13 ng/ul	39583500	Phenanthrene-d10	17.322	
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	99
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	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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Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

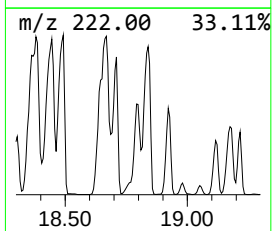
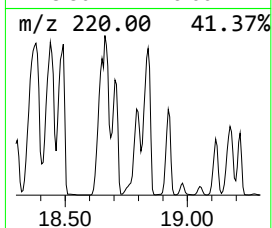
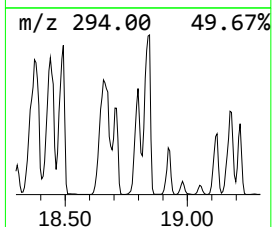
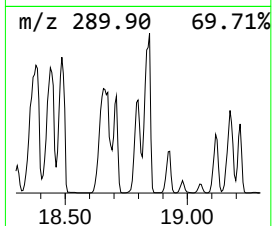
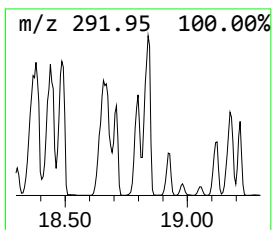
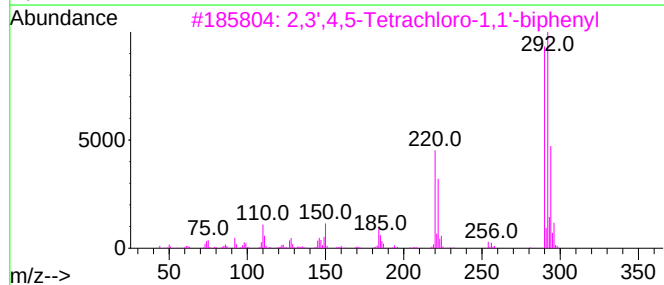
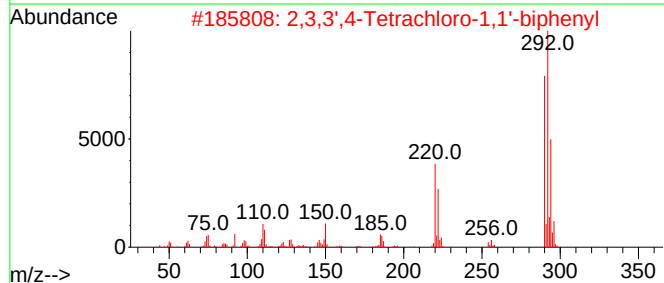
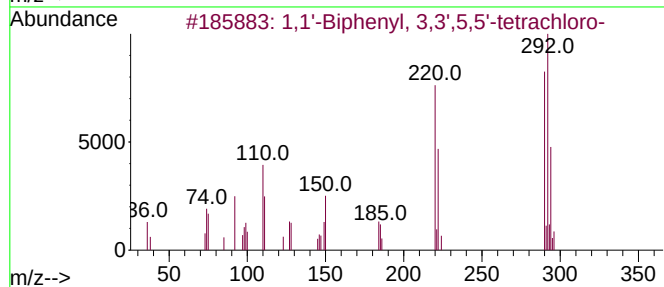
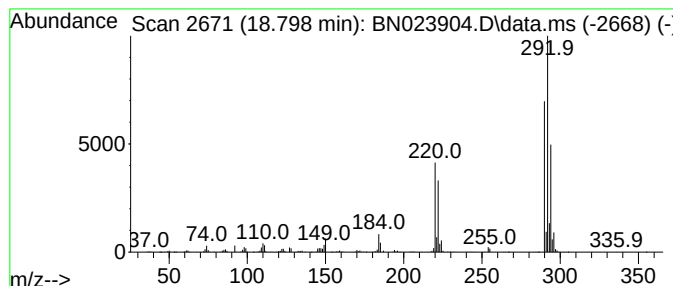
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 1,1'-Biphenyl, 3,3',5,5'-te... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.798	27.09 ng/ul	26074000	Phenanthrene-d10	17.322
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5 99
2	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2 98
3	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8 98
4	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1 98
5	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9 98



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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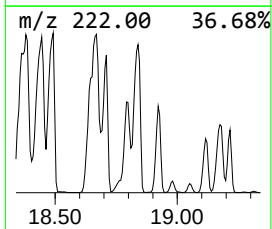
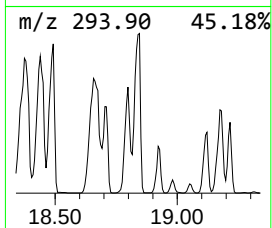
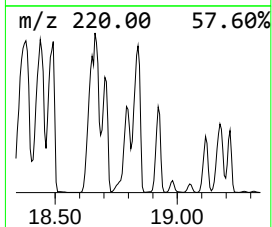
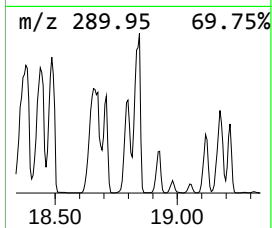
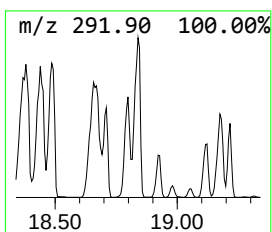
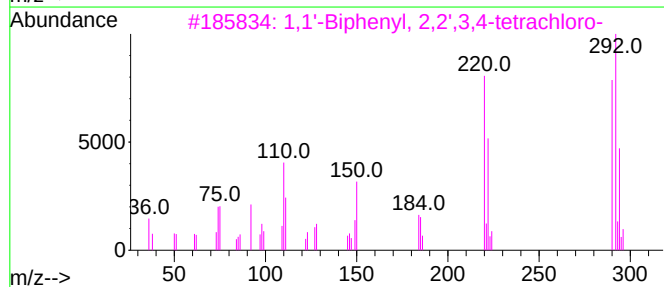
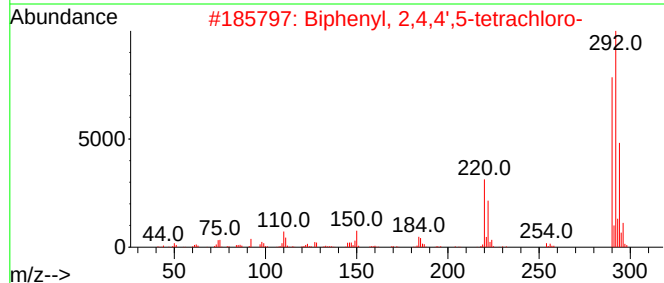
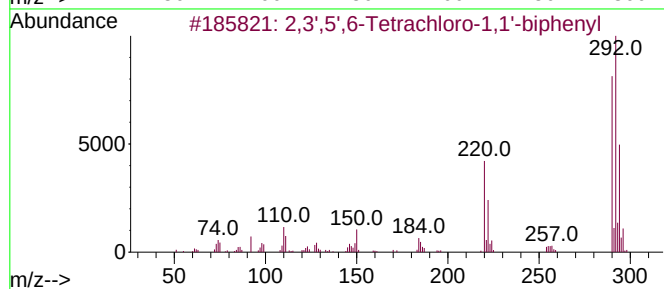
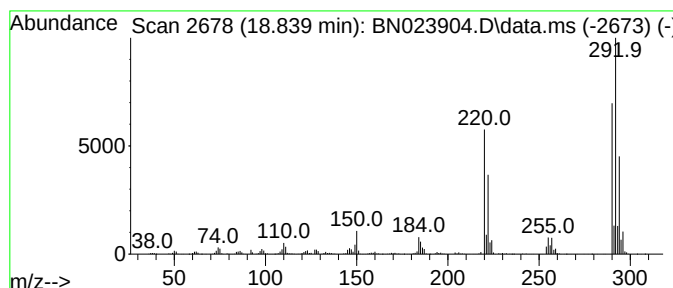
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BNA_N
ClientSampleId :
A4443

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 30 2,3',5',6-Tetrachloro-1,1'-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.839	53.27 ng/ul	51269700	Phenanthrene-d10	17.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
5	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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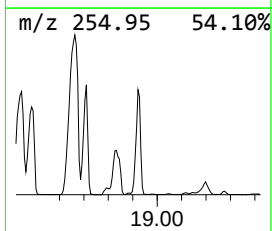
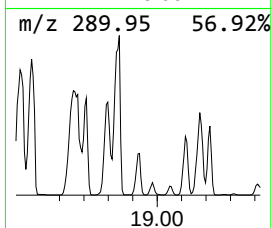
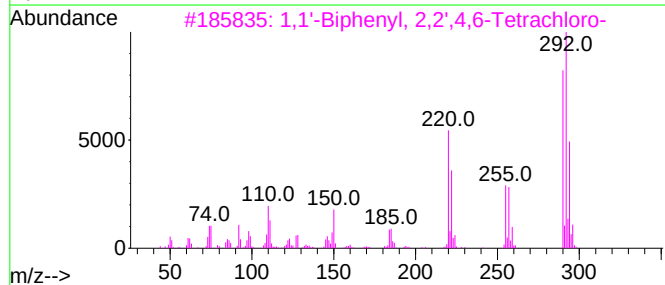
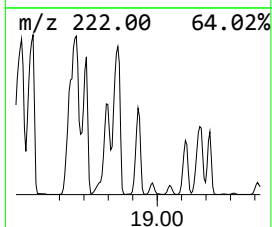
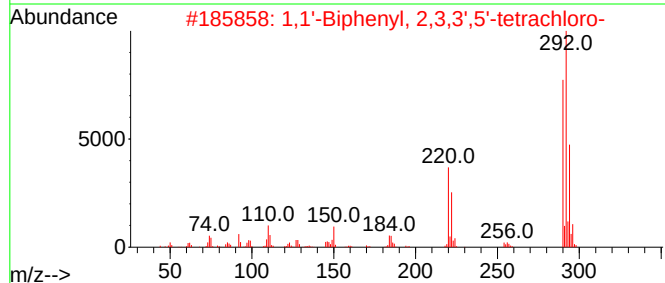
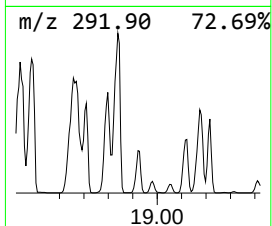
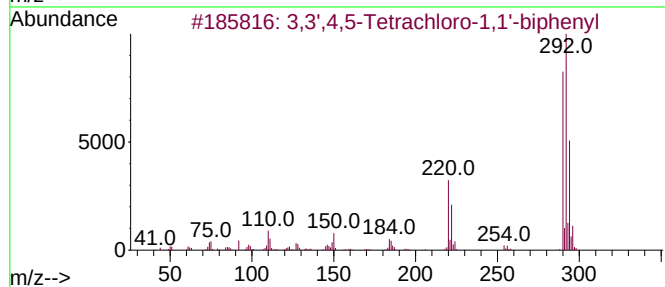
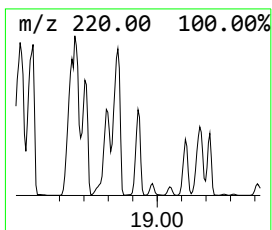
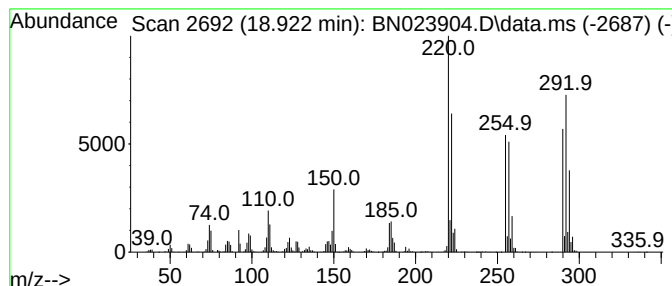
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.922	22.20 ng/ul	21361200	Phenanthrene-d10	17.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99		
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99		
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99		
4	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99		
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

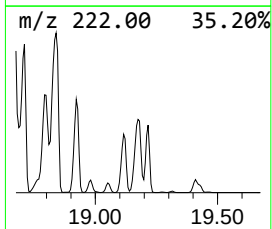
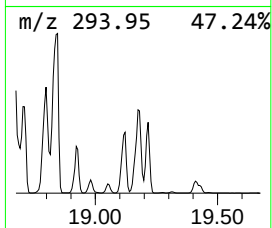
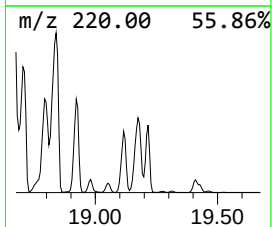
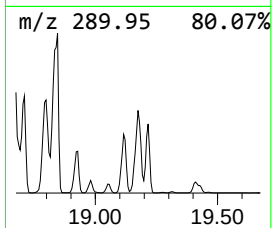
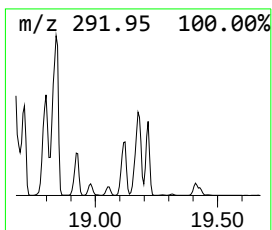
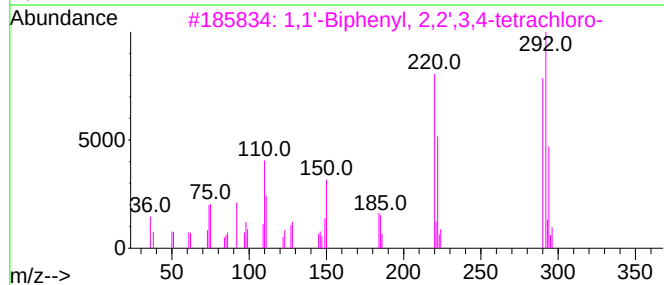
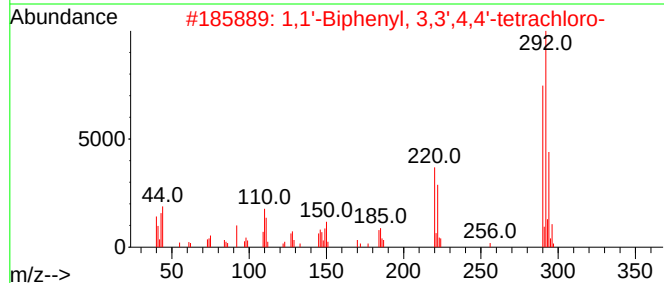
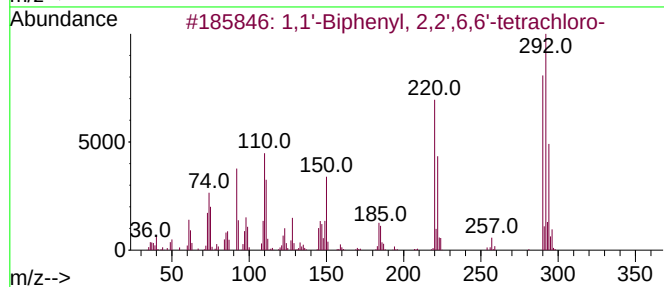
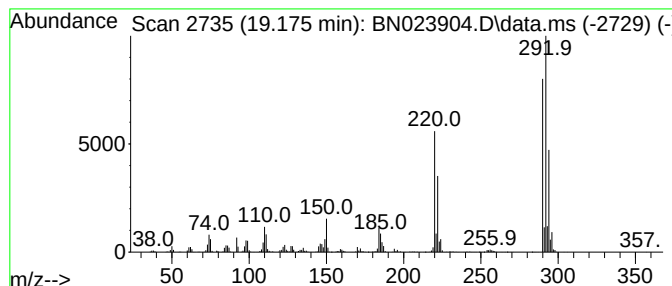
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 35 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.175	33.70 ng/ul	32435200	Phenanthrene-d10	17.322		
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, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	98	
3	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	96	
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	96	
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	96	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

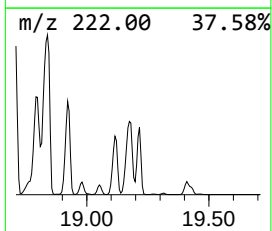
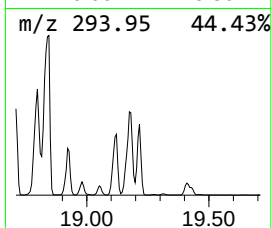
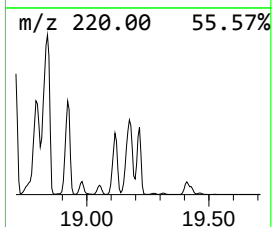
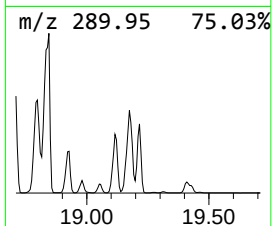
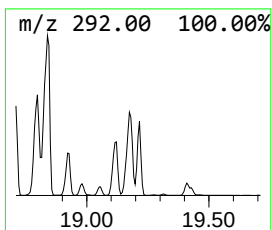
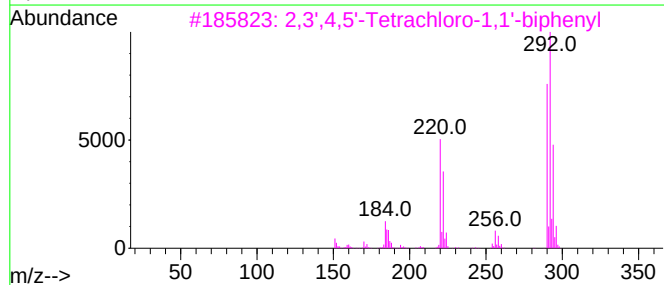
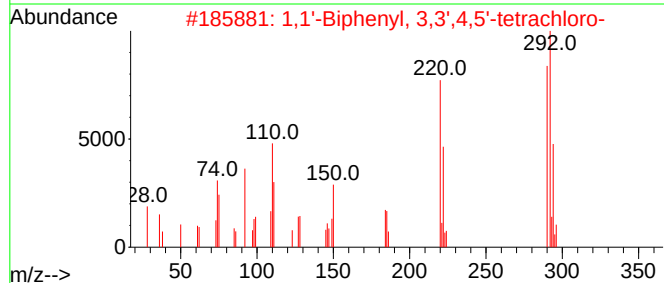
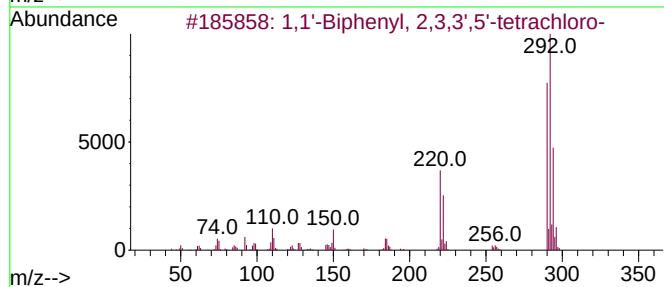
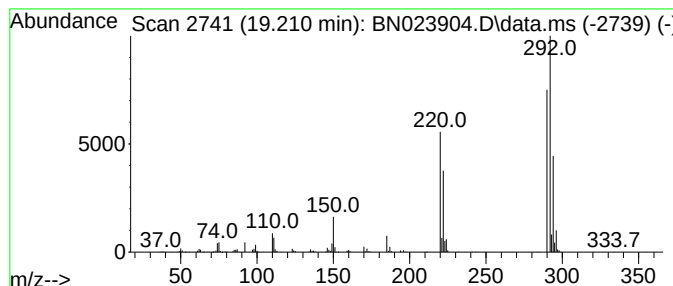
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 36 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.210	19.41 ng/ul	18676800	Phenanthrene-d10	17.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrachloro-	290	C12H6Cl4	041464-49-7	95
2	1,1'-Biphenyl, 3,3',4,5'-tetrachloro-	290	C12H6Cl4	041464-48-6	94
3	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	94
4	1,1'-Biphenyl, 2,3,5,6-tetrachloro-	290	C12H6Cl4	033284-54-7	94
5	1,1'-Biphenyl, 2,3,5,6-tetrachloro-	290	C12H6Cl4	033284-54-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

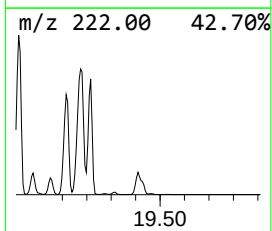
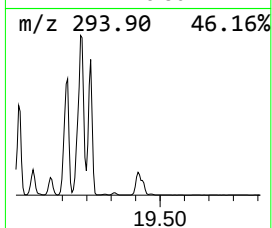
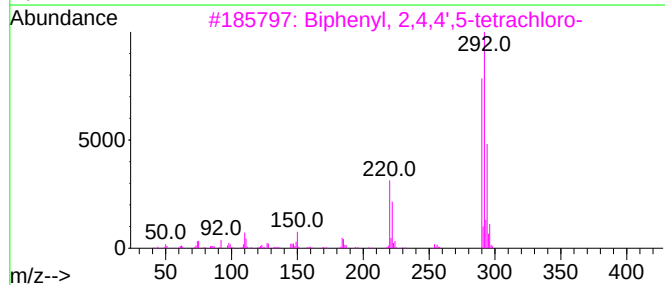
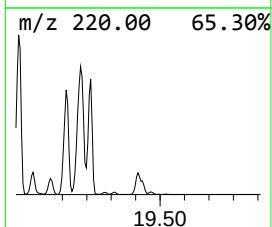
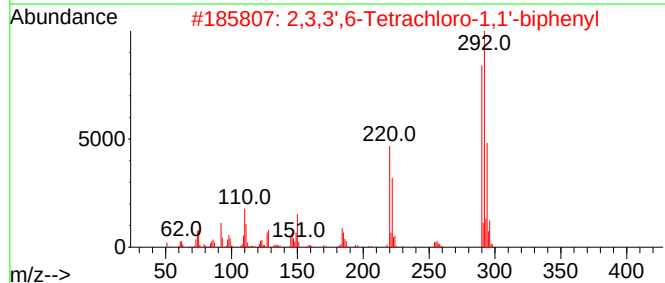
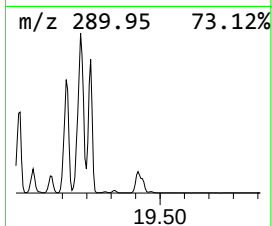
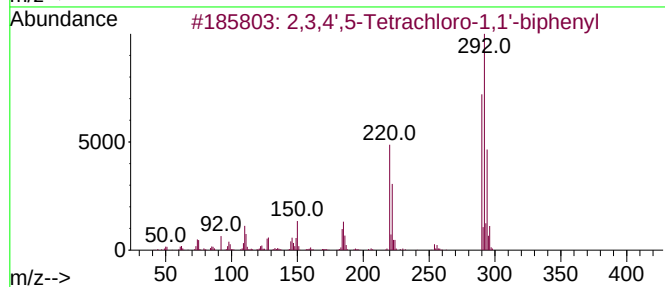
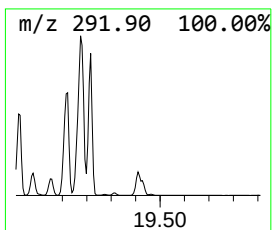
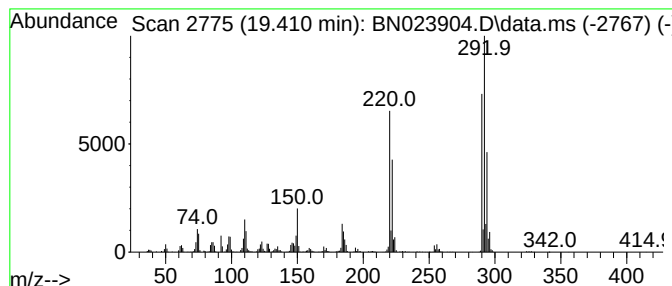
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 38 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.410	73.71 ng/ul	5364740	Chrysene-d12		21.445	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,3,4',5-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	074472-34-7	99
2	2,3,3',6-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	074472-33-6	99
3	Biphenyl, 2,4,4',5-tetrachloro-		290	C12H6Cl4	032690-93-0	99
4	2,3',4,5-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	073575-53-8	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 : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

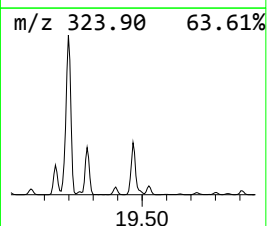
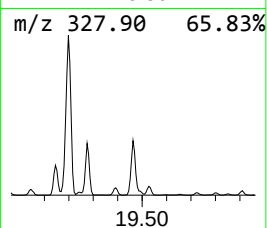
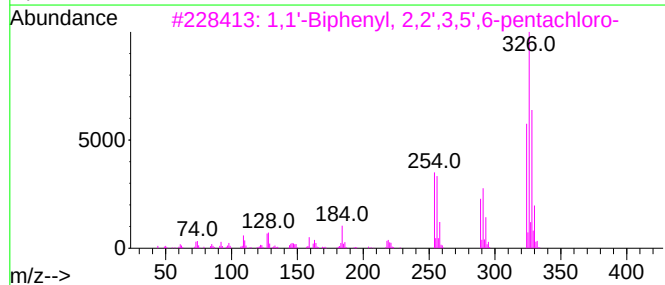
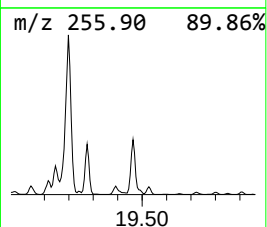
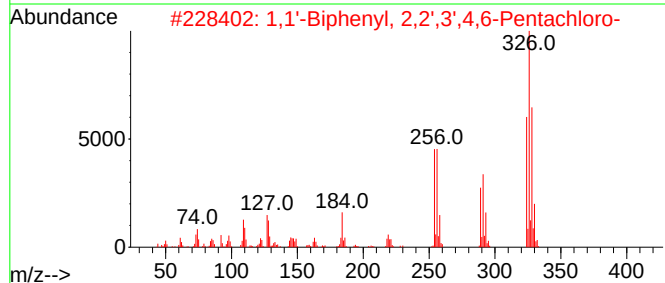
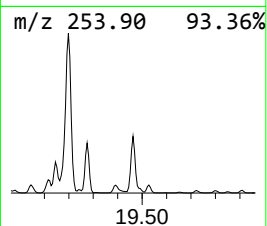
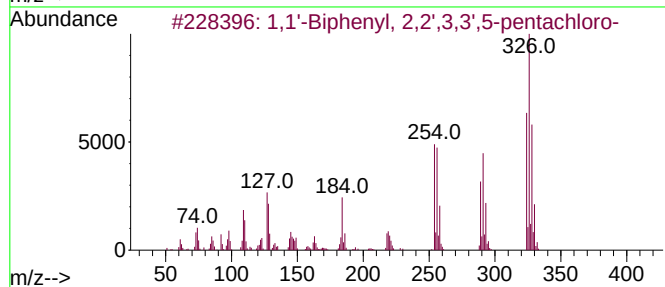
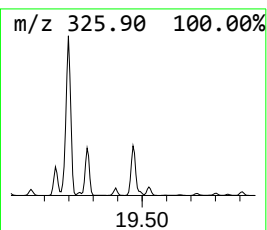
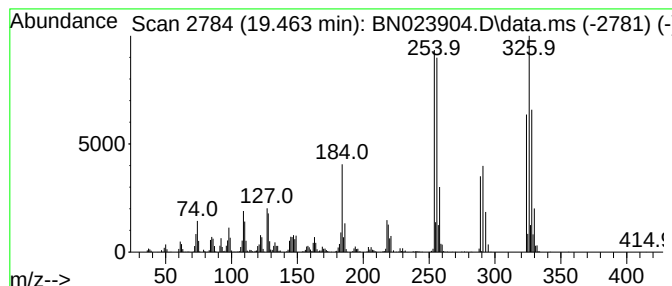
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 39 1,1'-Biphenyl, 2,2',3,3',5-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.463	55.79 ng/ul	4060170	Chrysene-d12	21.445		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99	
2	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99	
3	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99	
4	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99	
5	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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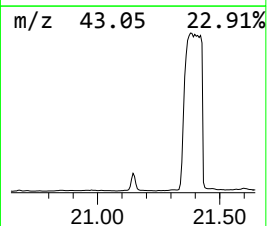
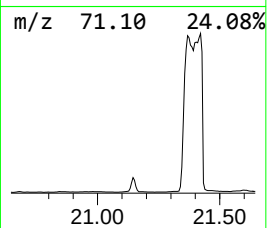
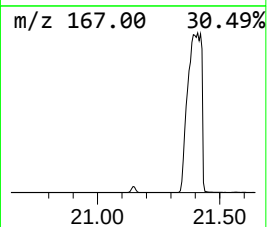
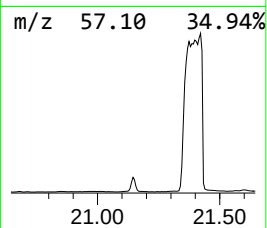
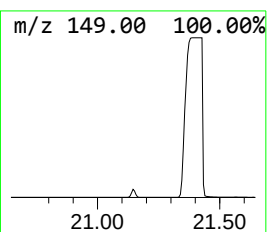
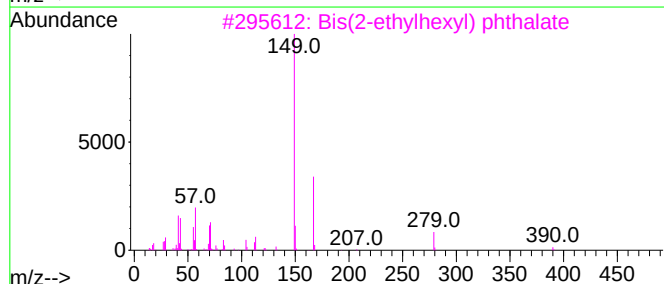
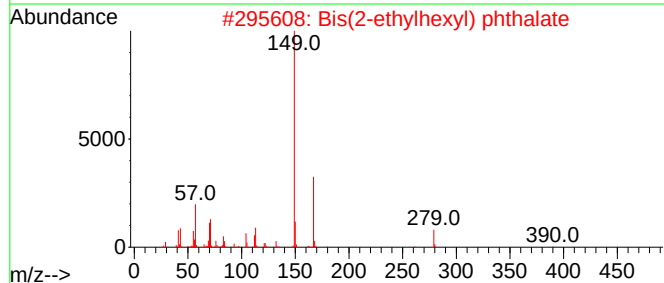
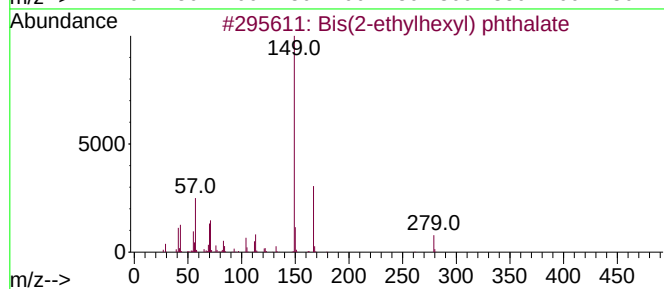
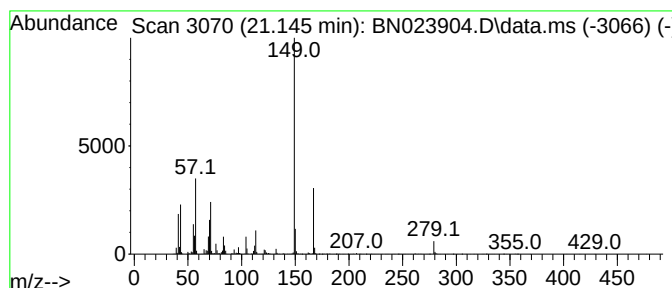
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 Phthalic acid, di(oct-3-yl)... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.145	26.32 ng/ul	1915620	Chrysene-d12	21.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
2			Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	87
3			Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	86
4			Phthalic acid, di(oct-3-yl) ester	390	C24H38O4	1000377-72-3	72
5			Phthalic acid, 2-ethylhexyl isoh...	362	C22H34O4	1000308-98-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

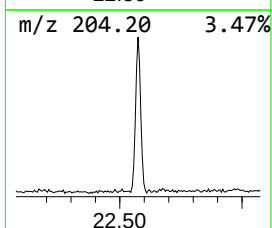
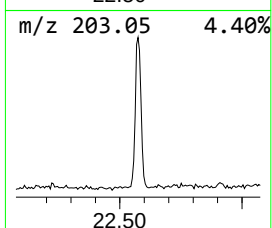
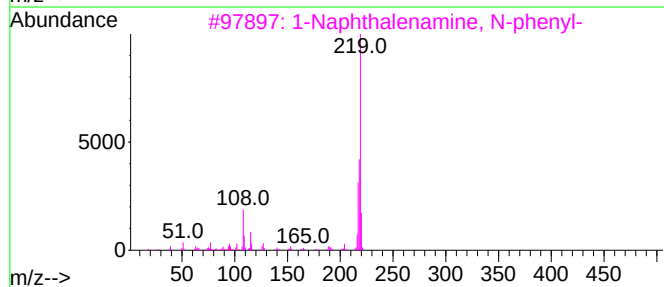
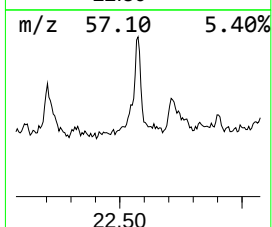
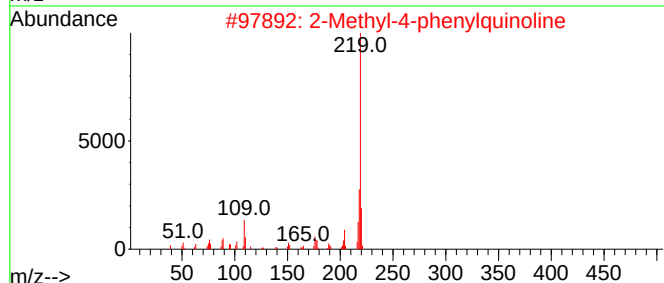
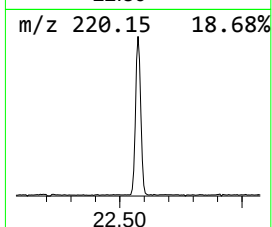
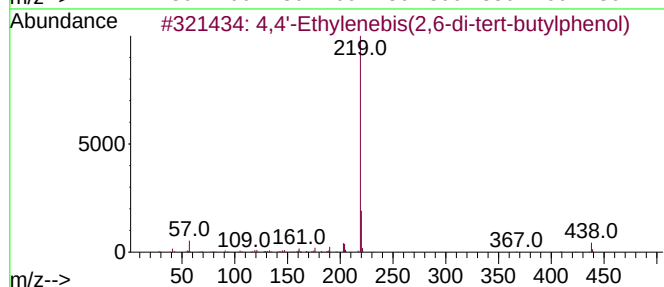
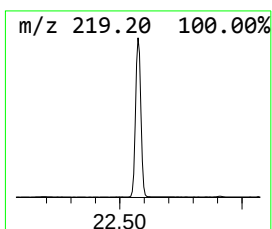
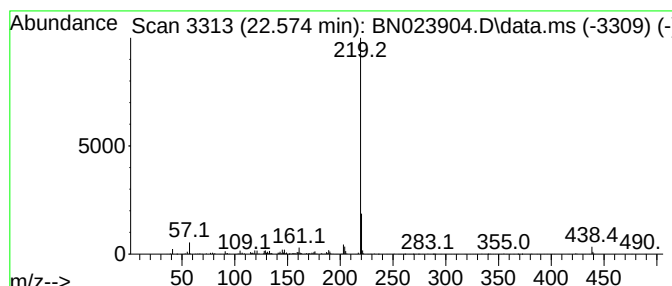
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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

Peak Number 47 4,4'-Ethylenebis(2,6-di-ter... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.574	20.98 ng/ul	1526700	Chrysene-d12	21.445	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Ethylenebis(2,6-di-tert-but...	438	C30H46O2	001516-94-5	94
2	2-Methyl-4-phenylquinoline	219	C16H13N	001721-92-2	72
3	1-Naphthalenamine, N-phenyl-	219	C16H13N	000090-30-2	72
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	64
5	5,8-Methano-1H-[1,2,4]triazolo[1...	395	C25H21N3O2	1000142-91-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023904.D
Acq On : 02 Feb 2023 14:36
Operator : CG/JU
Sample : 01362-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4443

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, ...	14.634	24.6	ng/ul	9961540	3	14.504	8105070	20.0
1,1'-Biphenyl, ...	15.798	189.0	ng/ul	76610100	3	14.504	8105070	20.0
1,1'-Biphenyl, ...	16.104	19.8	ng/ul	19058600	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	16.216	22.8	ng/ul	21899500	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	16.392	39.1	ng/ul	37596300	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	16.539	93.9	ng/ul	90338500	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	16.804	29.8	ng/ul	28641800	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	17.198	148.4	ng/ul	142789000	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	17.233	33.5	ng/ul	32194700	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	17.481	91.8	ng/ul	88357400	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	17.739	63.1	ng/ul	60753900	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	17.910	102.5	ng/ul	98691100	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	18.063	106.7	ng/ul	102677000	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	18.175	64.4	ng/ul	61991000	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	18.216	27.9	ng/ul	26894400	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	18.381	83.0	ng/ul	79855700	4	17.322	19248500	20.0
2,3',4,5-Tetrac...	18.439	64.3	ng/ul	61850300	4	17.322	19248500	20.0
Biphenyl, 2,4,4...	18.486	47.9	ng/ul	46113800	4	17.322	19248500	20.0
2,2',4,5-Tetrac...	18.663	83.7	ng/ul	80529700	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	18.710	32.8	ng/ul	31534200	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	18.763	41.1	ng/ul	39583500	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	18.798	27.1	ng/ul	26074000	4	17.322	19248500	20.0
2,3',5',6-Tetra...	18.839	53.3	ng/ul	51269700	4	17.322	19248500	20.0
3,3',4,5-Tetrac...	18.922	22.2	ng/ul	21361200	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	19.175	33.7	ng/ul	32435200	4	17.322	19248500	20.0
1,1'-Biphenyl, ...	19.210	19.4	ng/ul	18676800	4	17.322	19248500	20.0
2,3,3',6-Tetrac...	19.410	73.7	ng/ul	5364740	5	21.445	1455600	20.0
1,1'-Biphenyl, ...	19.463	55.8	ng/ul	4060170	5	21.445	1455600	20.0
Phthalic acid, ...	21.145	26.3	ng/ul	1915620	5	21.445	1455600	20.0
4,4'-Ethylenebi...	22.574	21.0	ng/ul	1526700	5	21.445	1455600	20.0