

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
 Data File : BM039668.D
 Acq On : 26 Apr 2023 08:18
 Operator : CG/JU
 Sample : 02419-36
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW931

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_M\Methods\SFAM-EPA-BM041823.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM039668.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.084	5	8	10	rVB	65185	61483	2.10%	0.175%
2	3.119	10	14	23	rVB	1380688	1397859	47.83%	3.979%
3	3.437	64	68	69	rBV2	17445	18118	0.62%	0.052%
4	3.460	69	72	77	rVB	67579	81925	2.80%	0.233%
5	3.848	134	138	144	rVB2	34666	50831	1.74%	0.145%
6	3.948	151	155	161	rVB	42547	58239	1.99%	0.166%
7	4.054	171	173	178	rVB3	6693	7534	0.26%	0.021%
8	4.395	227	231	237	rVB	11425	17240	0.59%	0.049%
9	4.501	244	249	253	rVB3	8374	12694	0.43%	0.036%
10	4.701	280	283	290	rVB5	7984	12132	0.42%	0.035%
11	4.801	295	300	306	rVB	16960	24233	0.83%	0.069%
12	4.866	306	311	315	rBV8	3498	6118	0.21%	0.017%
13	4.913	315	319	323	rVB6	4841	6212	0.21%	0.018%
14	5.131	353	356	359	rVB4	2679	3325	0.11%	0.009%
15	5.225	369	372	373	rVV3	3592	3673	0.13%	0.010%
16	5.295	380	384	391	rVB2	10062	16616	0.57%	0.047%
17	5.354	391	394	398	rVB5	2697	3596	0.12%	0.010%
18	5.689	447	451	454	rBV6	2879	4250	0.15%	0.012%
19	5.795	466	469	472	rBV4	3227	3831	0.13%	0.011%
20	6.042	505	511	516	rBV6	5445	10409	0.36%	0.030%
21	6.278	543	551	556	rBV	16390	32140	1.10%	0.091%
22	6.742	626	630	634	rBV6	4103	5867	0.20%	0.017%
23	6.878	649	653	657	rBV7	2219	4128	0.14%	0.012%
24	7.166	699	702	706	rVV5	1901	3352	0.11%	0.010%
25	7.260	713	718	725	rVB9	2066	4493	0.15%	0.013%
26	7.801	801	810	834	rBV	673963	1338328	45.79%	3.810%
27	8.936	998	1003	1007	rBV7	1991	3463	0.12%	0.010%
28	9.095	1029	1030	1036	rVB5	2278	3761	0.13%	0.011%
29	10.548	1273	1277	1280	rBV4	2868	3783	0.13%	0.011%
30	10.613	1280	1288	1312	rBV	945203	1874343	64.13%	5.335%
31	11.001	1352	1354	1361	rBV7	2619	4356	0.15%	0.012%
32	11.066	1361	1365	1371	rVB7	5467	8302	0.28%	0.024%
33	11.289	1399	1403	1410	rVV7	3393	6762	0.23%	0.019%
34	12.048	1527	1532	1533	rBV5	3543	5469	0.19%	0.016%
35	12.889	1673	1675	1680	rVB5	3477	3721	0.13%	0.011%
36	12.989	1687	1692	1697	rVB6	5255	8588	0.29%	0.024%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
 Data File : BM039668.D
 Acq On : 26 Apr 2023 08:18
 Operator : CG/JU
 Sample : 02419-36
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW931

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_M\Methods\SFAM-EPA-BM041823.MA.M
 Title : SVOA CALIBRATION

37	13.218	1726	1731	1735	rBV7	4718	9659	0.33%	0.027%
38	13.283	1738	1742	1748	rVB5	7165	13866	0.47%	0.039%
39	13.665	1803	1807	1810	rBV6	4327	4414	0.15%	0.013%
40	13.795	1826	1829	1833	rVB6	6171	8132	0.28%	0.023%
41	13.865	1833	1841	1845	rBV8	10145	18644	0.64%	0.053%
42	13.936	1849	1853	1857	rVB2	8700	11651	0.40%	0.033%
43	14.048	1870	1872	1877	rVB5	3945	6034	0.21%	0.017%
44	14.195	1892	1897	1903	rBV10	7548	19338	0.66%	0.055%
45	14.283	1908	1912	1916	rVB7	10262	15686	0.54%	0.045%
46	14.354	1919	1924	1929	rBV3	15019	24938	0.85%	0.071%
47	14.465	1936	1943	1962	rBV	1481543	2405791	82.31%	6.848%
48	14.771	1990	1995	1996	rBV5	5263	8105	0.28%	0.023%
49	14.971	2027	2029	2035	rVB7	8800	11881	0.41%	0.034%
50	15.148	2057	2059	2060	rBV2	5505	3979	0.14%	0.011%
51	15.242	2071	2075	2078	rBV5	13364	21930	0.75%	0.062%
52	15.307	2083	2086	2094	rVV3	18077	32259	1.10%	0.092%
53	15.718	2152	2156	2164	rVB2	52287	90567	3.10%	0.258%
54	16.189	2229	2236	2248	rBV3	60640	182431	6.24%	0.519%
55	16.406	2271	2273	2276	rBV3	16445	17663	0.60%	0.050%
56	16.448	2277	2280	2287	rVB2	59279	87974	3.01%	0.250%
57	16.742	2326	2330	2334	rBV	72075	106286	3.64%	0.303%
58	16.965	2365	2368	2371	rBV	32343	34433	1.18%	0.098%
59	17.018	2374	2377	2381	rVV	49951	63160	2.16%	0.180%
60	17.089	2385	2389	2393	rBV	201777	287268	9.83%	0.818%
61	17.130	2393	2396	2404	rVB	122805	170848	5.85%	0.486%
62	17.218	2405	2411	2425	rBV	1661114	2922859	100.00%	8.320%
63	17.389	2435	2440	2452	rBV2	317495	524072	17.93%	1.492%
64	17.671	2484	2488	2490	rBV	101242	128497	4.40%	0.366%
65	17.818	2506	2513	2527	rBV	1120454	2327338	79.63%	6.625%
66	17.942	2528	2534	2540	rBV3	211365	410902	14.06%	1.170%
67	18.071	2551	2556	2560	rBV	296909	418124	14.31%	1.190%
68	18.118	2561	2564	2568	rVB	124567	159699	5.46%	0.455%
69	18.230	2580	2583	2588	rBV5	58762	93949	3.21%	0.267%
70	18.289	2588	2593	2599	rVV	970474	1303027	44.58%	3.709%
71	18.347	2599	2603	2607	rVV	472934	617814	21.14%	1.759%
72	18.389	2607	2610	2618	rVB2	272982	372584	12.75%	1.061%
73	18.571	2637	2641	2646	rBV	649953	907948	31.06%	2.584%
74	18.618	2646	2649	2656	rVV	182157	286894	9.82%	0.817%
75	18.683	2656	2660	2663	rVV	212283	314259	10.75%	0.895%
76	18.712	2663	2665	2668	rVV	192214	227893	7.80%	0.649%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
 Data File : BM039668.D
 Acq On : 26 Apr 2023 08:18
 Operator : CG/JU
 Sample : 02419-36
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW931

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_M\Methods\SFAM-EPA-BM041823.MA.M
 Title : SVOA CALIBRATION

77	18.747	2668	2671	2679	rVB	357233	498470	17.05%	1.419%
78	18.853	2686	2689	2695	rVB3	111679	158038	5.41%	0.450%
79	19.059	2721	2724	2728	rVB	245489	285192	9.76%	0.812%
80	19.112	2729	2733	2735	rVV	707033	923012	31.58%	2.627%
81	19.142	2735	2738	2745	rVB4	767909	1327948	45.43%	3.780%
82	19.224	2749	2752	2756	rVB3	124281	151106	5.17%	0.430%
83	19.283	2758	2762	2767	rBV	216574	307339	10.52%	0.875%
84	19.359	2769	2775	2781	rVV2	213523	568555	19.45%	1.618%
85	19.418	2781	2785	2791	rVV	992815	1339120	45.82%	3.812%
86	19.483	2793	2796	2801	rVV	324299	390876	13.37%	1.113%
87	19.542	2802	2806	2814	rVB	263789	340366	11.64%	0.969%
88	19.683	2827	2830	2835	rVB2	245548	310715	10.63%	0.884%
89	19.765	2840	2844	2848	rVV	365696	484821	16.59%	1.380%
90	19.812	2849	2852	2855	rVV	141699	175456	6.00%	0.499%
91	19.871	2858	2862	2868	rVB	820503	1075165	36.78%	3.060%
92	20.130	2902	2906	2912	rBV5	394228	626447	21.43%	1.783%
93	20.183	2912	2915	2923	rVB	674971	835491	28.58%	2.378%
94	20.406	2950	2953	2957	rVB	345173	412160	14.10%	1.173%
95	20.465	2960	2963	2965	rVV	179309	211597	7.24%	0.602%
96	20.494	2965	2968	2973	rVB	278902	346213	11.85%	0.985%
97	20.589	2982	2984	2989	rVB	160786	157120	5.38%	0.447%
98	20.730	3005	3008	3018	rVB	440072	608373	20.81%	1.732%
99	21.412	3120	3124	3134	rVB	1338744	2024496	69.26%	5.763%
100	23.777	3520	3526	3541	rVB2	819821	1789172	61.21%	5.093%

Sum of corrected areas: 35131218

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW931

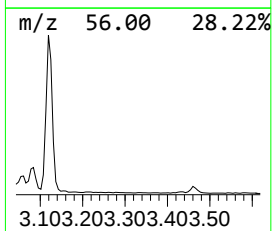
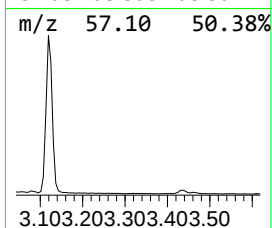
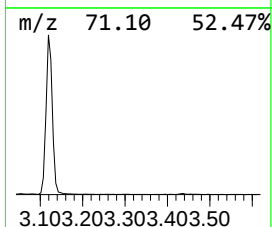
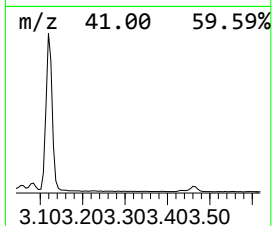
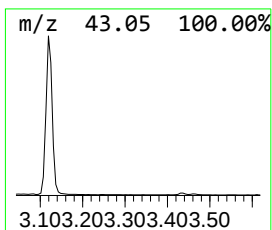
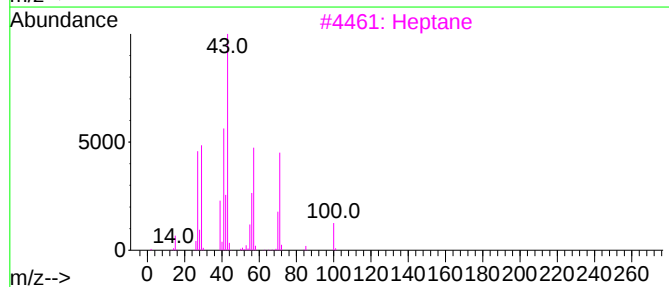
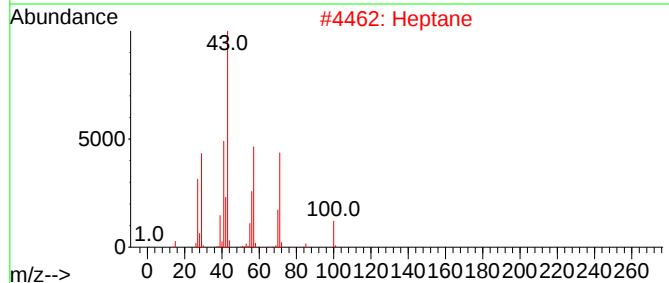
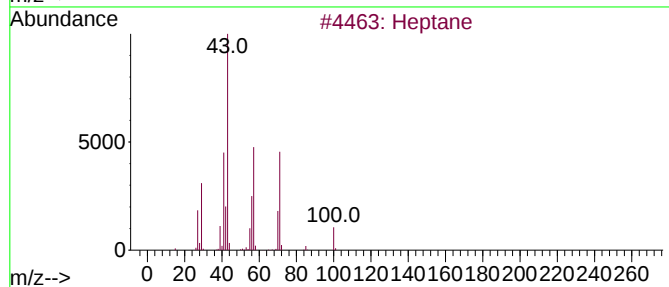
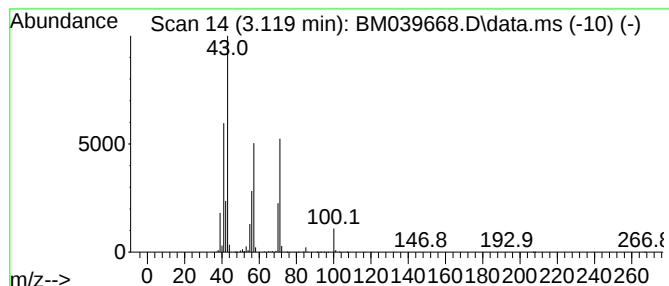
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.119	20.89 ng/ul	1397860	1,4-Dichlorobenzene-d4	7.801

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	95
2			Heptane	100	C7H16	000142-82-5	94
3			Heptane	100	C7H16	000142-82-5	91
4			Heptane	100	C7H16	000142-82-5	87
5			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW931

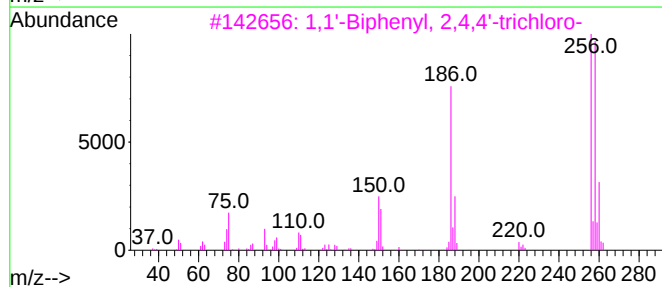
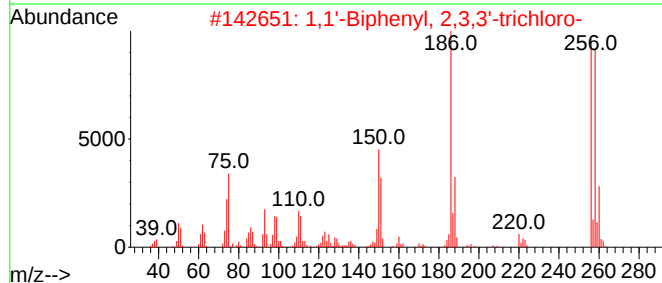
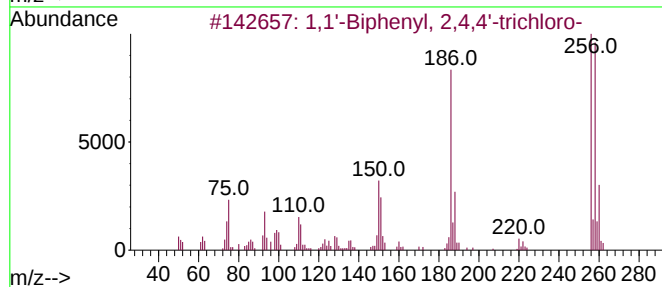
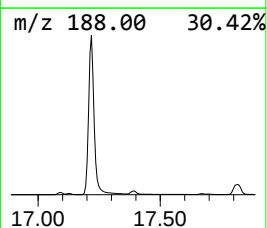
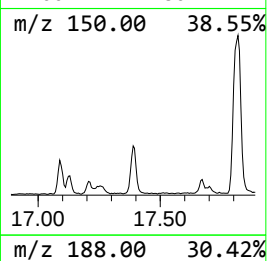
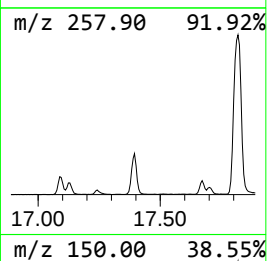
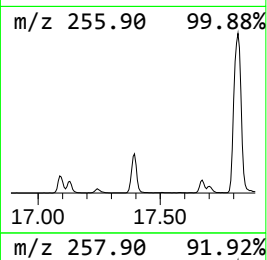
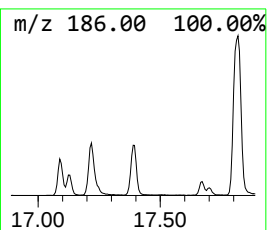
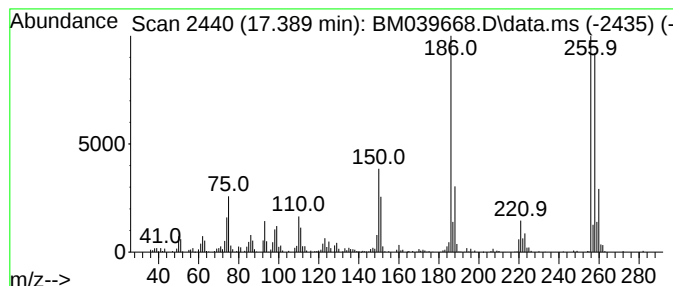
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.389	3.59 ng/ul	524072	Phenanthrene-d10	17.218

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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99		
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW931

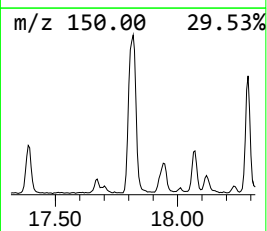
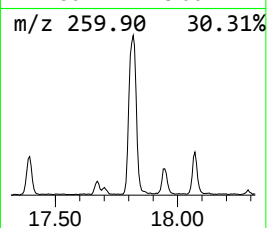
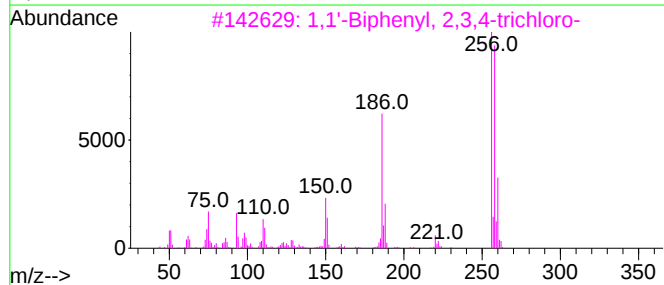
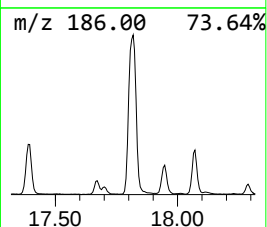
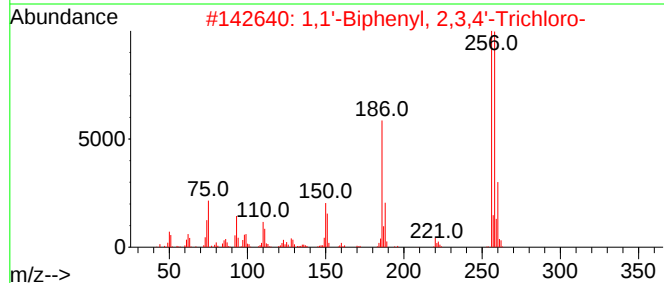
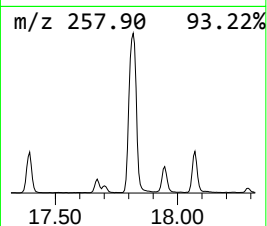
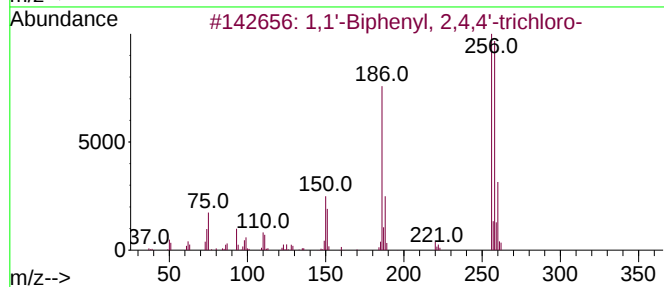
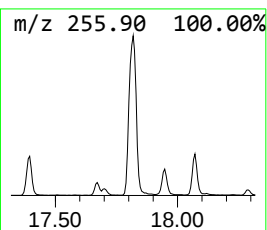
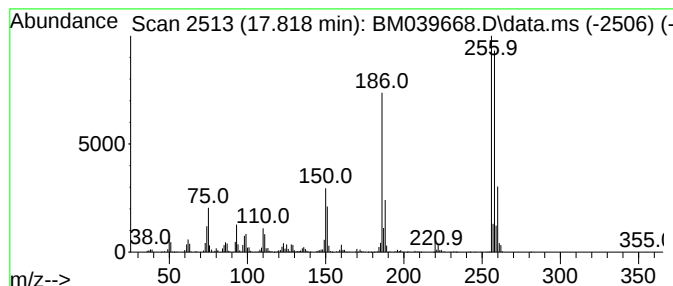
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.818	15.93 ng/ul	2327340	Phenanthrene-d10	17.218

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
2	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99		
3	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99		
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99		
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW931

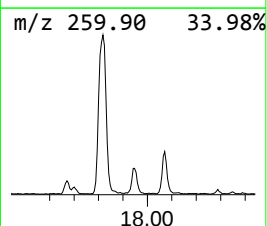
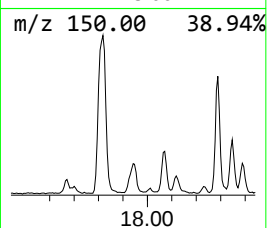
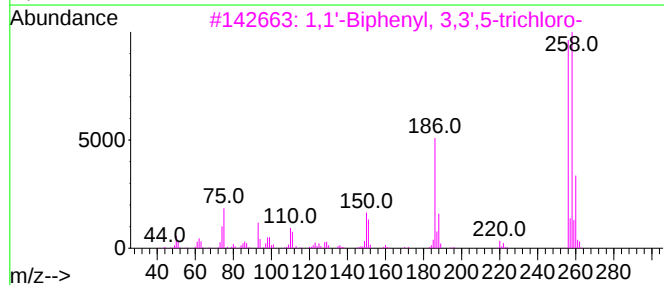
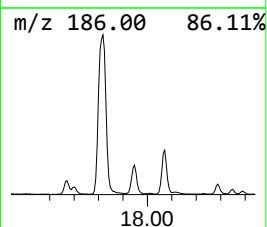
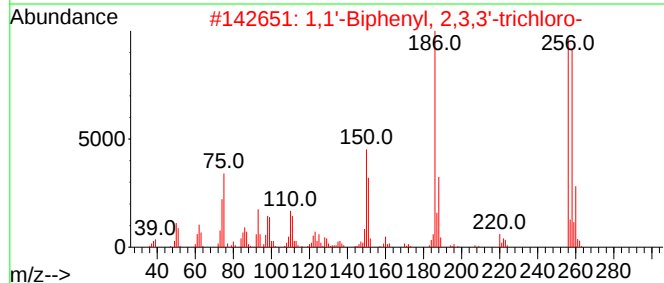
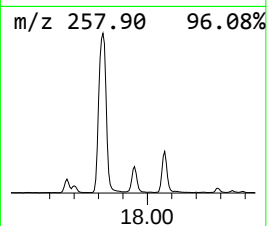
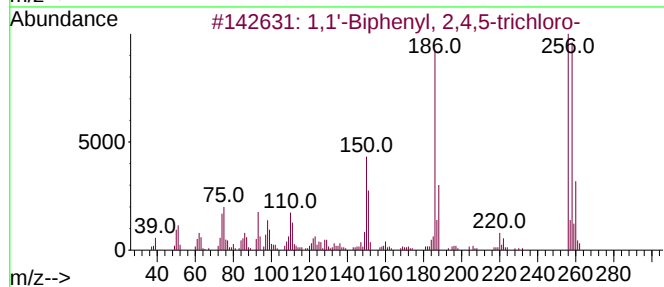
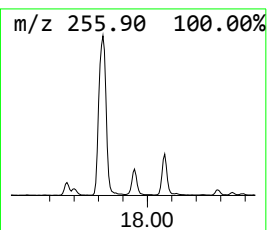
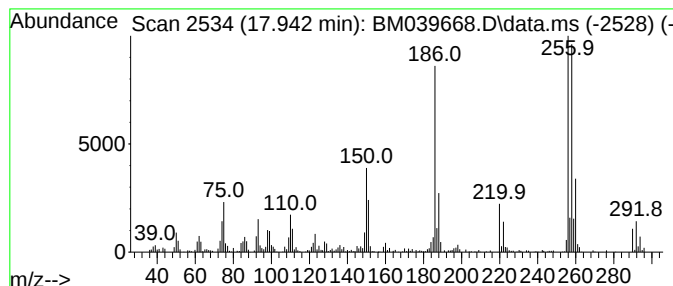
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,1'-Biphenyl, 2,4,5-trichl... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.942	2.81 ng/ul	410902	Phenanthrene-d10	17.218

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99		
2	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	98		
3	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	97		
4	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	97		
5	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW931

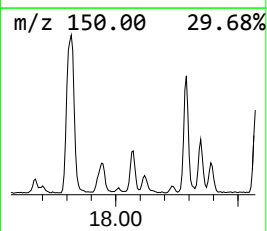
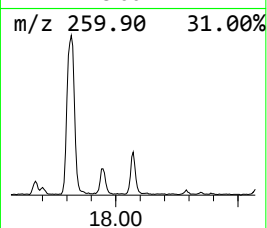
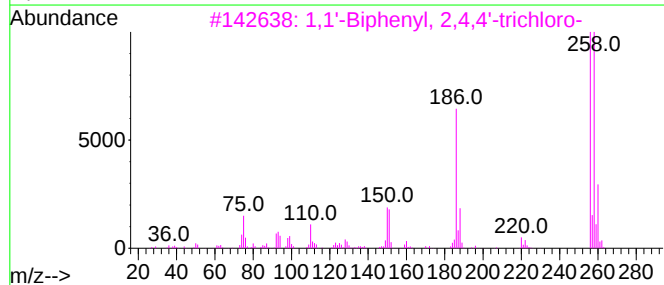
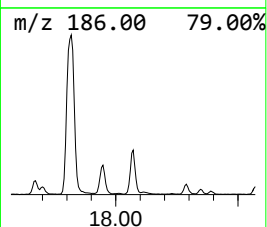
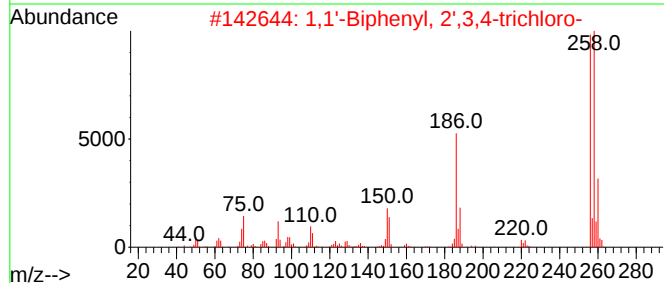
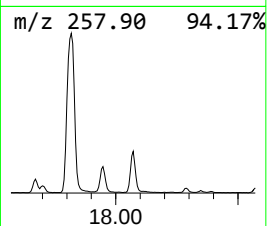
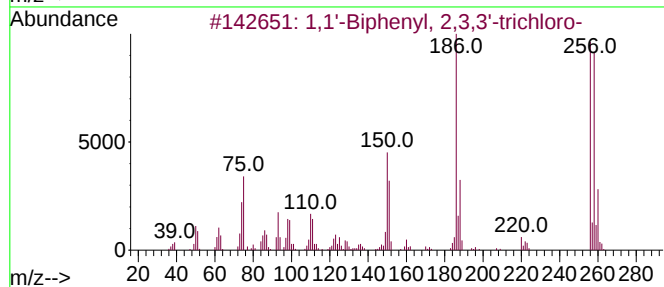
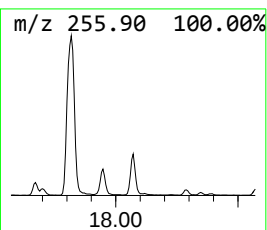
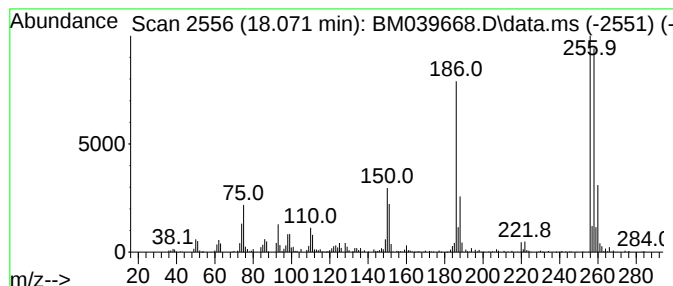
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.071	2.86 ng/ul	418124	Phenanthrene-d10	17.218

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',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99		
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

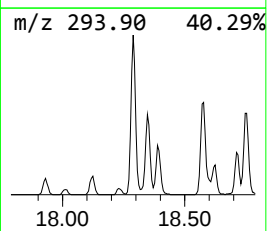
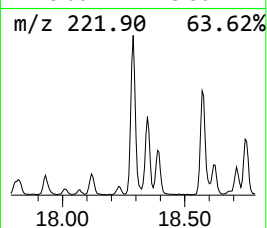
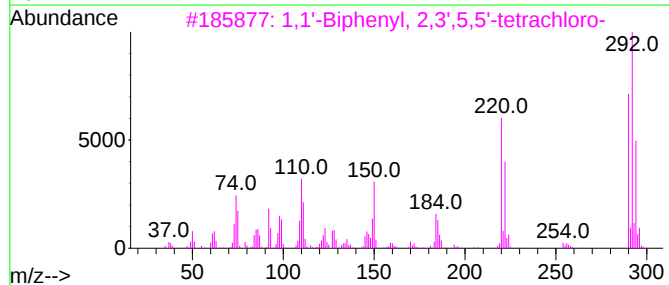
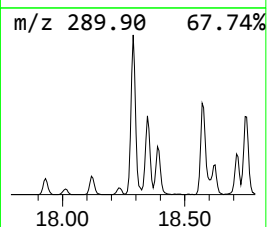
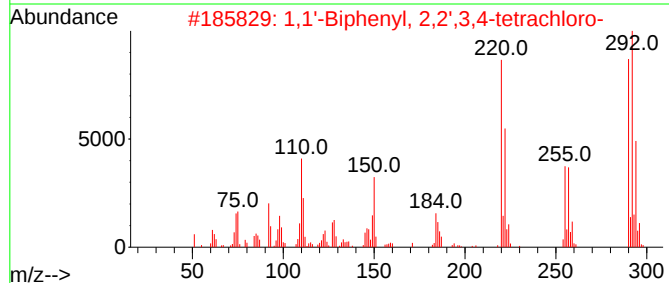
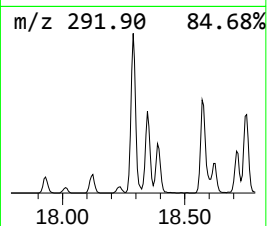
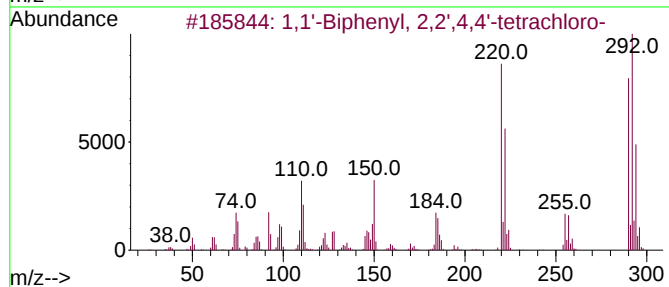
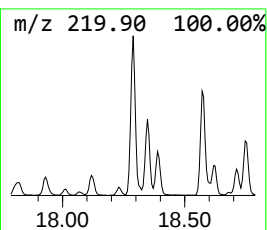
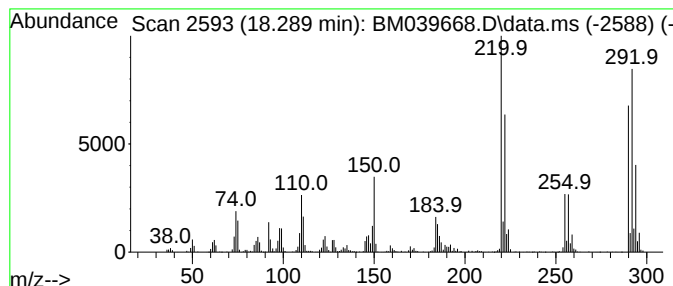
Instrument :
BNA_M
ClientSampleId :
EW931

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.289	8.92 ng/ul	1303030	Phenanthrene-d10	17.218	
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'-tetrachl...	290	C12H6Cl4	052663-59-9	99
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

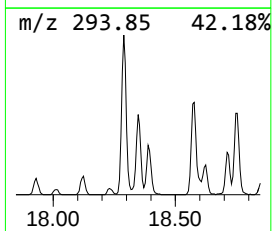
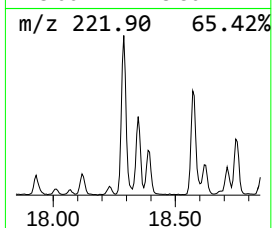
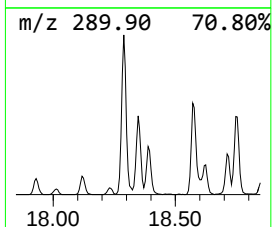
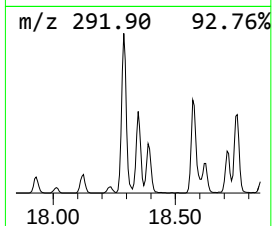
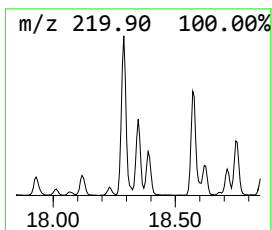
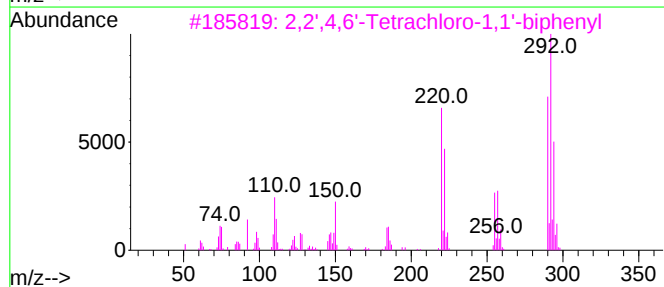
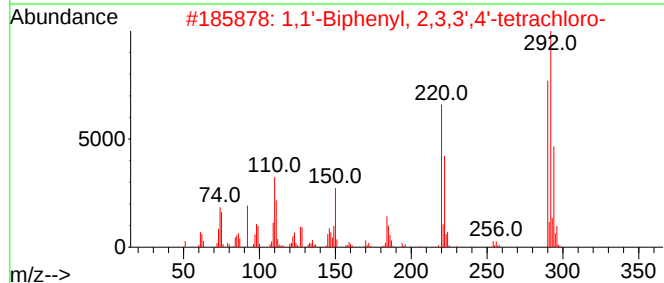
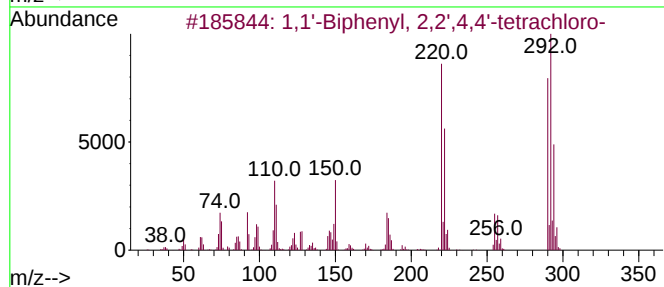
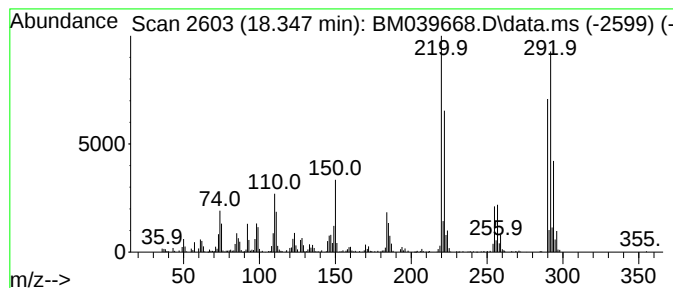
Instrument :
BNA_M
ClientSampleId :
EW931

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.348	4.23 ng/ul	617814	Phenanthrene-d10	17.218	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
4	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

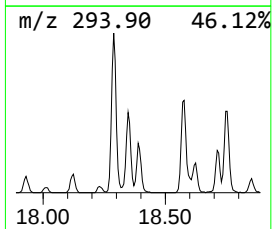
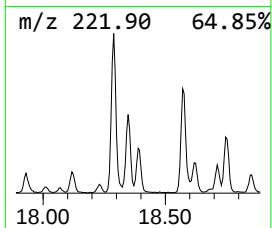
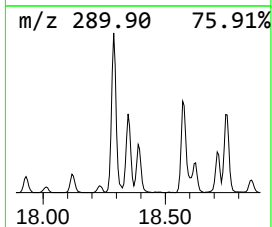
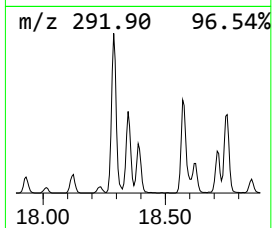
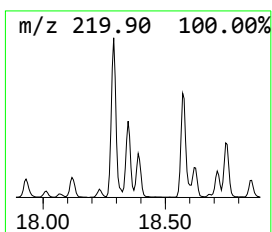
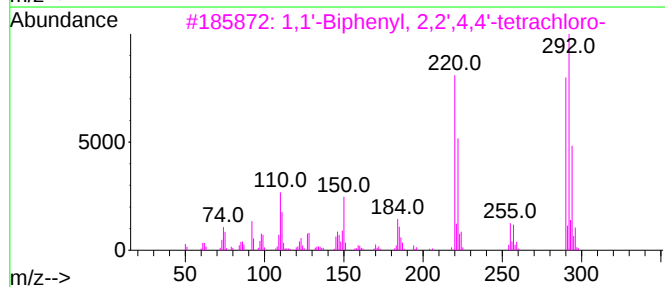
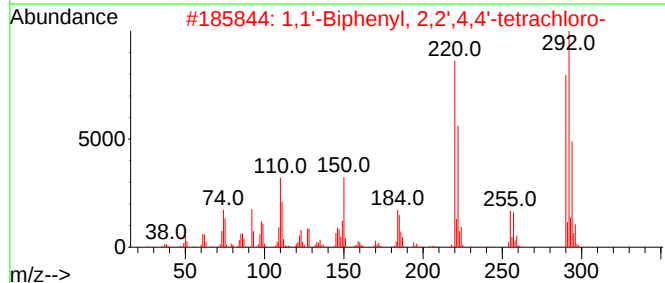
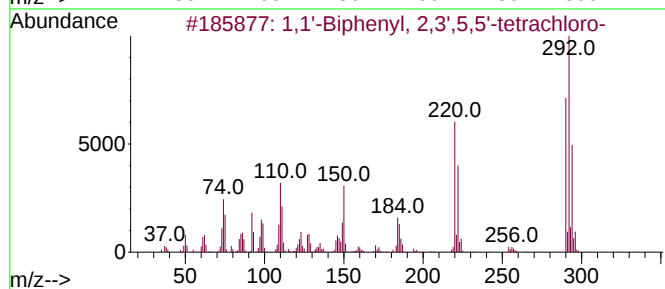
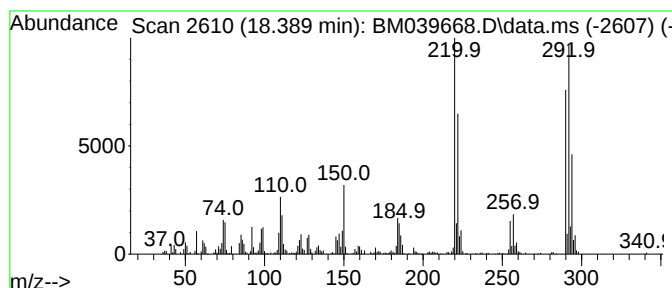
Instrument :
BNA_M
ClientSampleId :
EW931

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.389	2.55 ng/ul	372584	Phenanthrene-d10	17.218	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	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',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW931

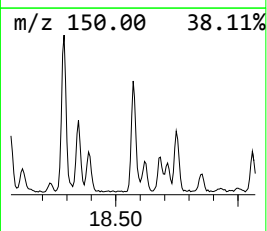
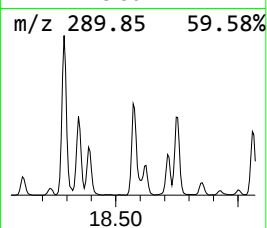
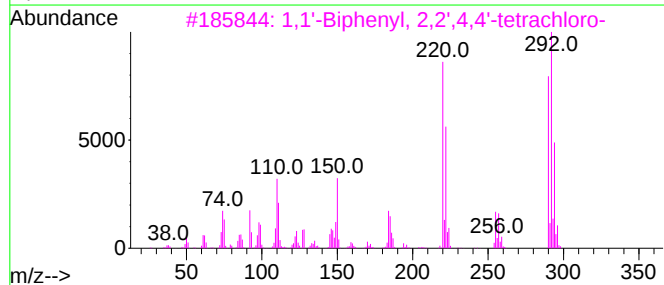
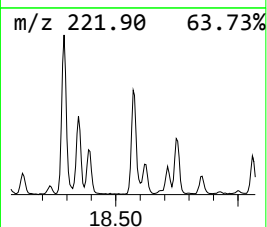
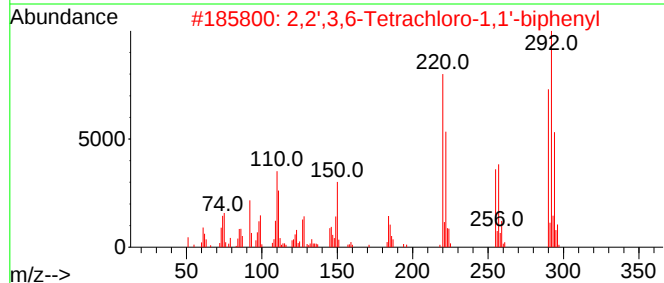
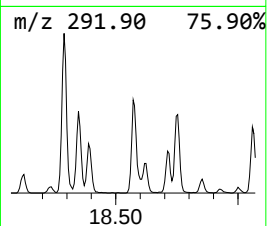
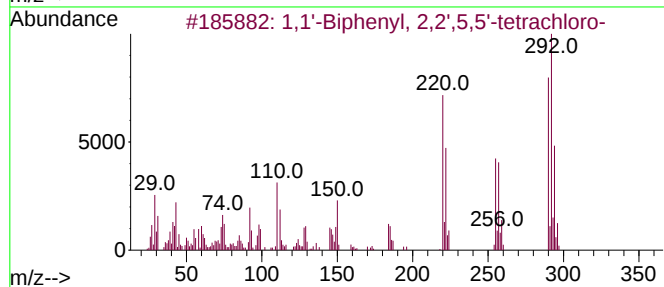
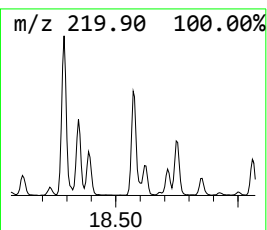
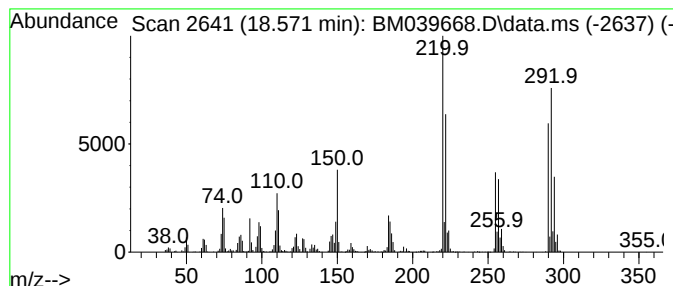
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.571	6.21 ng/ul	907948	Phenanthrene-d10	17.218

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99		
2	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	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	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

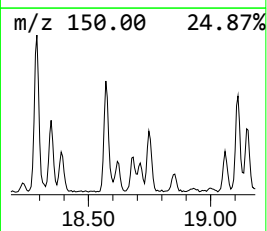
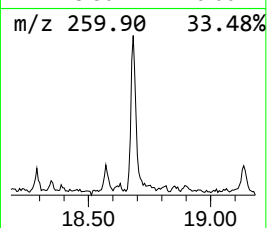
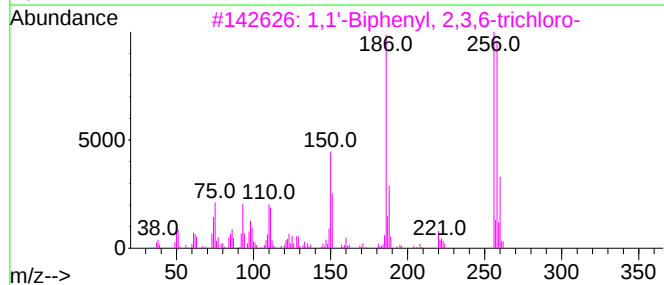
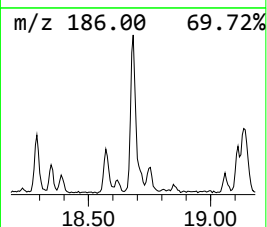
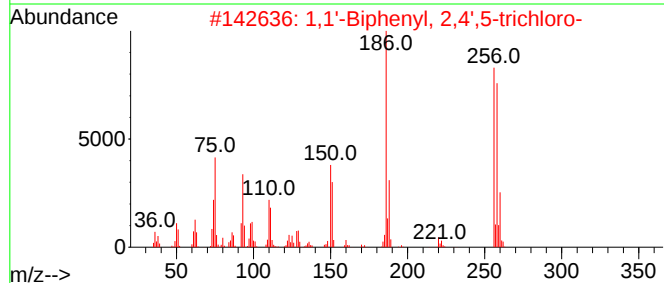
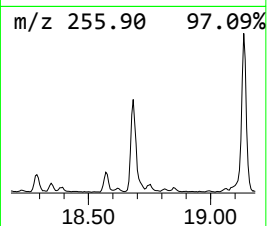
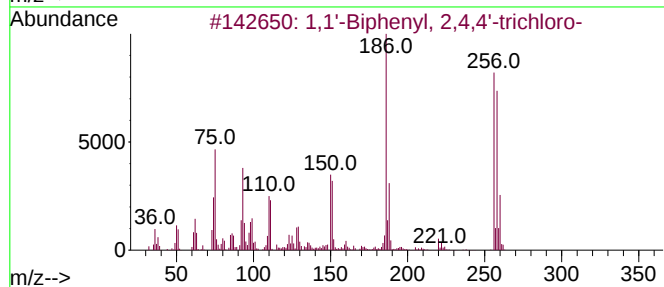
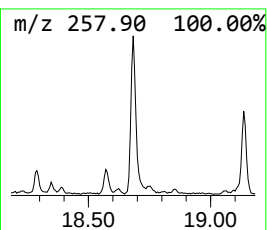
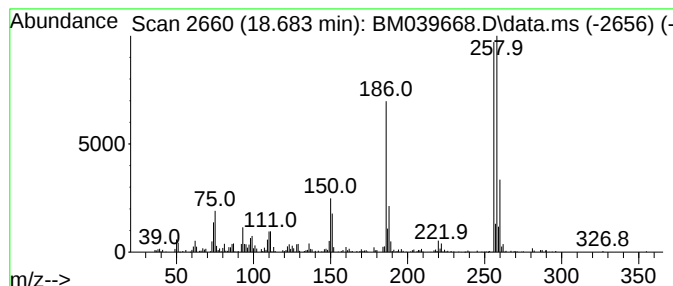
Instrument :
BNA_M
ClientSampleId :
EW931

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.683	2.15 ng/ul	314259	Phenanthrene-d10	17.218	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
3	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
4	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	97
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

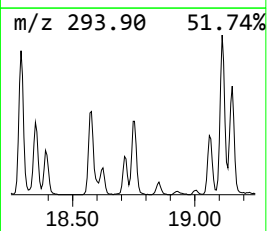
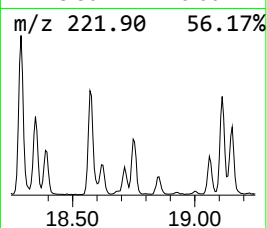
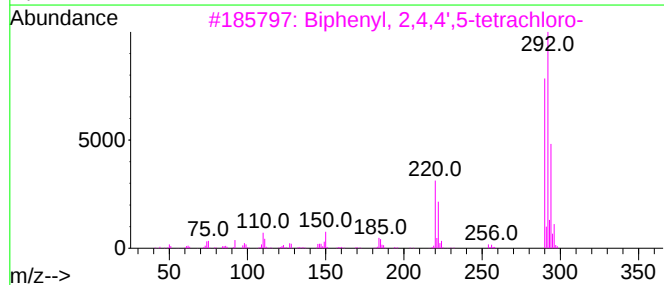
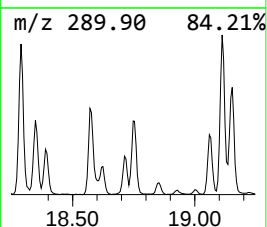
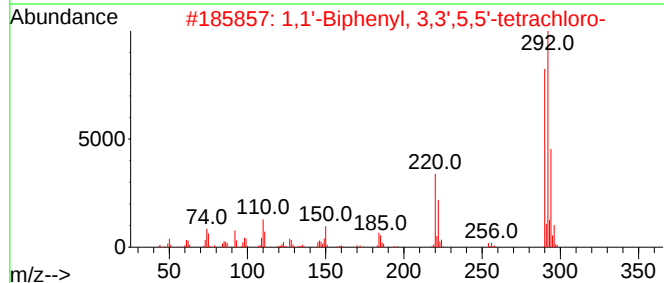
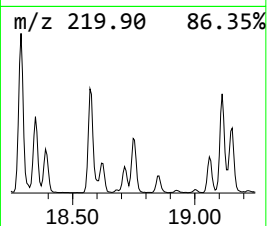
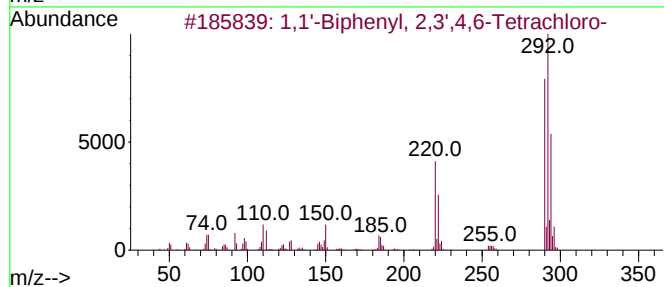
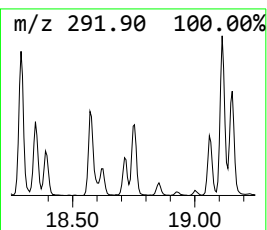
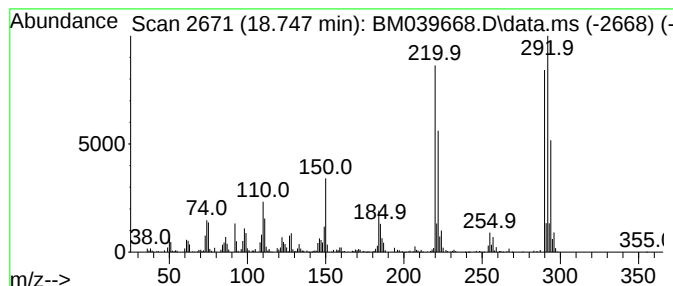
Instrument :
BNA_M
ClientSampleId :
EW931

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,3',4,6-Tet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.747	3.41 ng/ul	498470	Phenanthrene-d10	17.218	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
2	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	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	073575-52-7	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

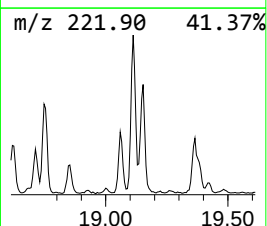
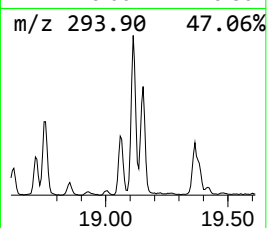
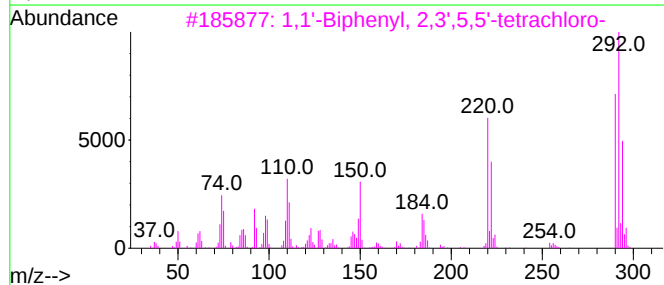
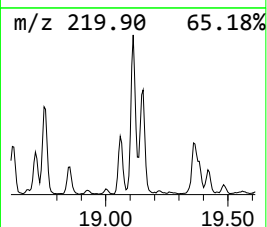
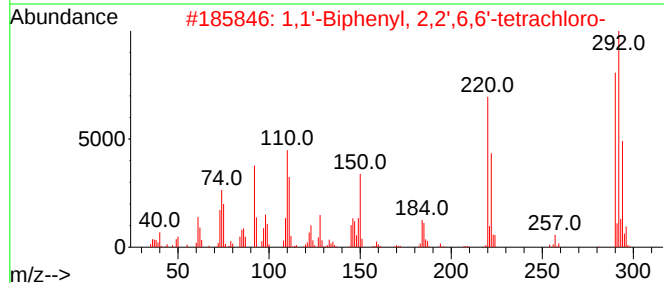
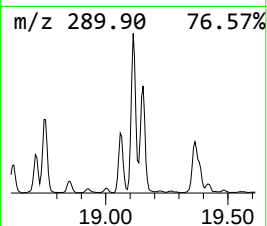
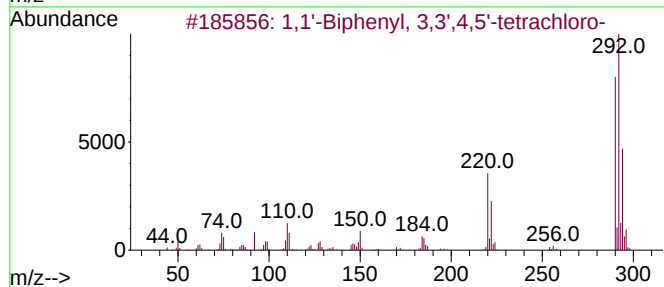
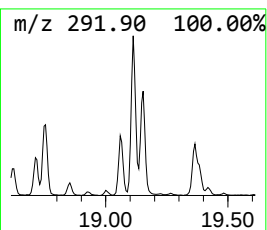
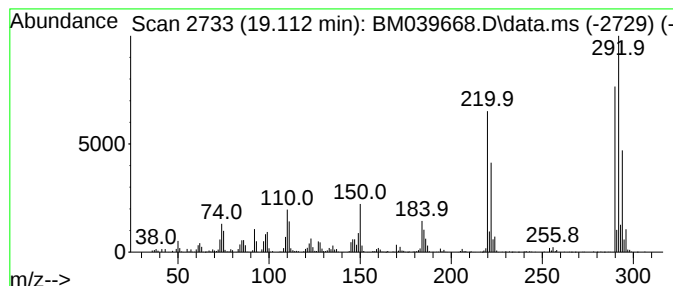
Instrument :
BNA_M
ClientSampleId :
EW931

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 3,3',4,5'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.112	6.32 ng/ul	923012	Phenanthrene-d10	17.218	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

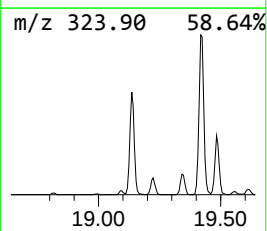
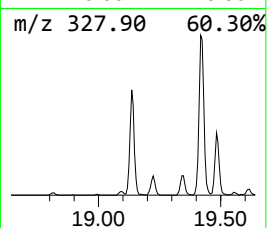
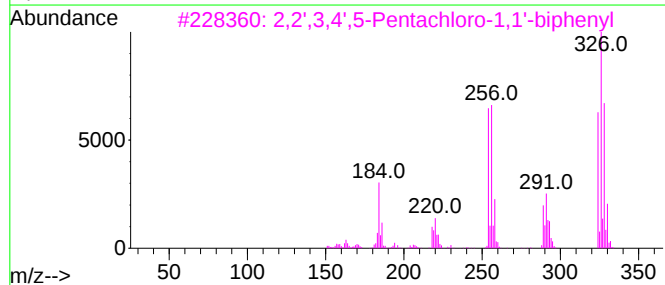
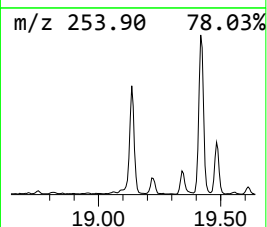
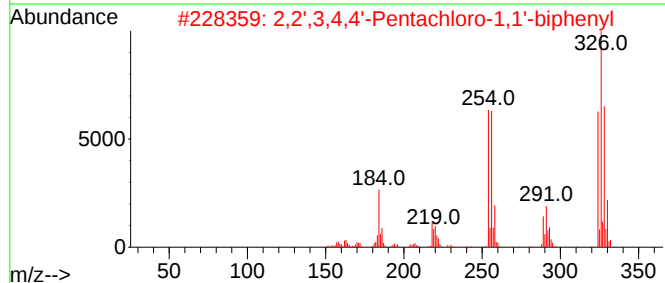
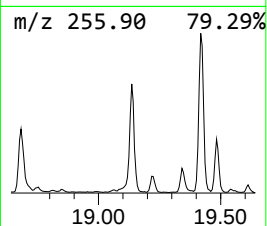
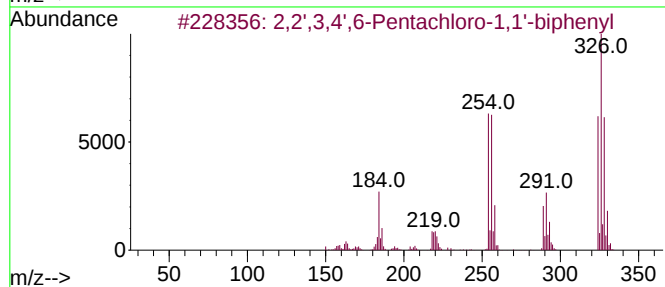
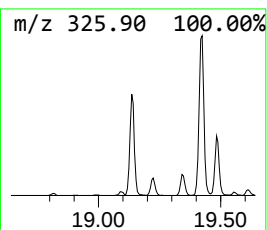
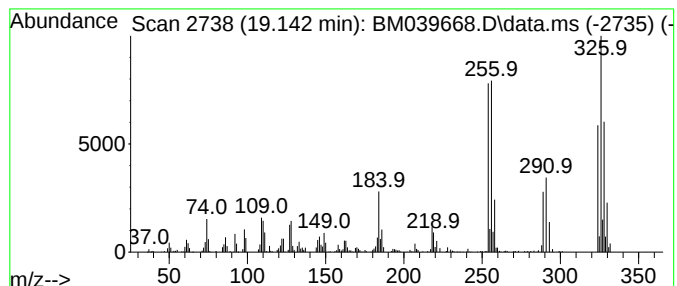
Instrument :
BNA_M
ClientSampleId :
EW931

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 2,2',3,4',6-Pentachloro-1,1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.142	9.09 ng/ul	1327950	Phenanthrene-d10	17.218	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	97
2	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	96
3	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	96
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	96
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

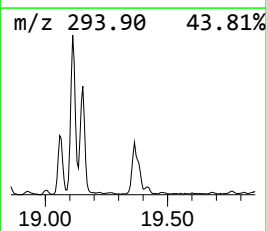
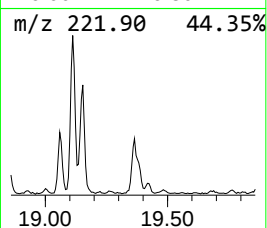
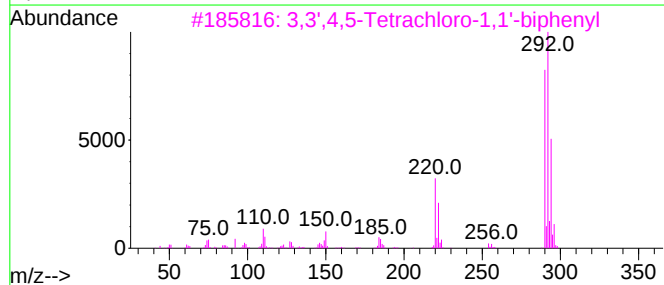
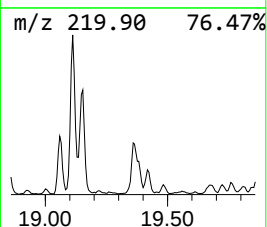
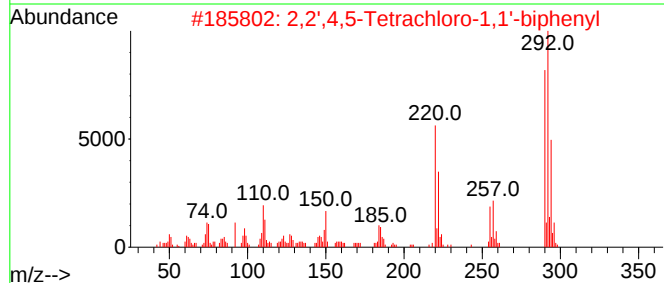
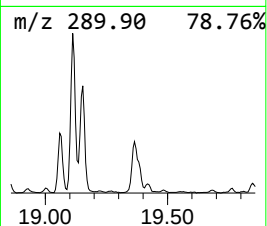
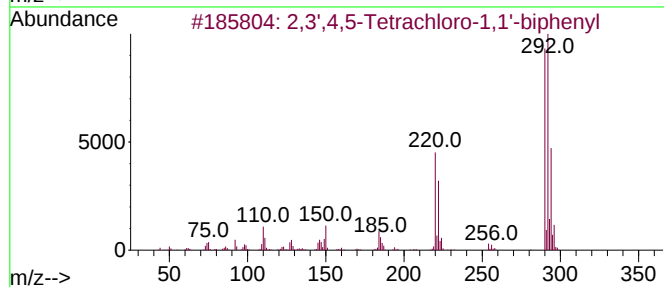
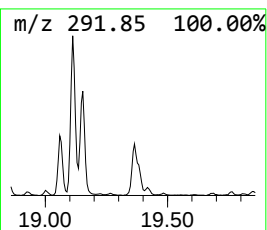
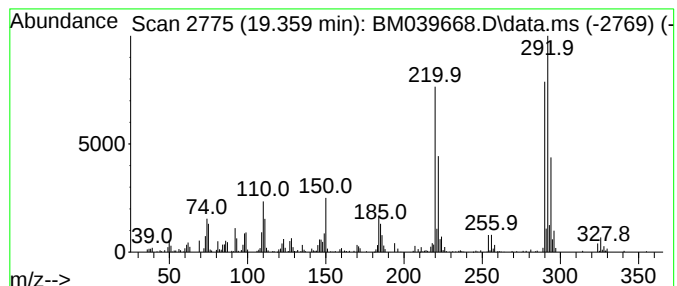
Instrument :
BNA_M
ClientSampleId :
EW931

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.359	5.62 ng/ul	568555	Chrysene-d12	21.412	
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	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
5	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW931

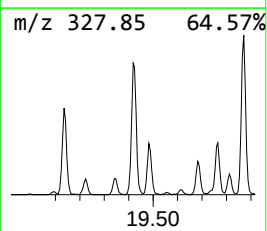
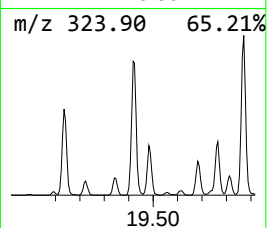
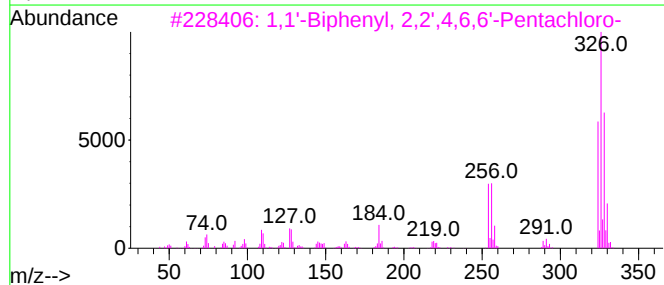
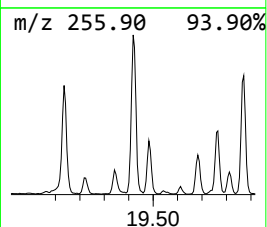
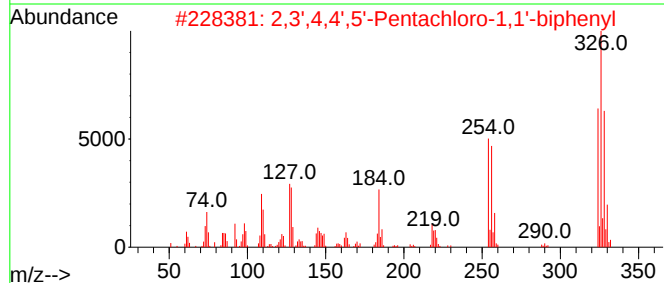
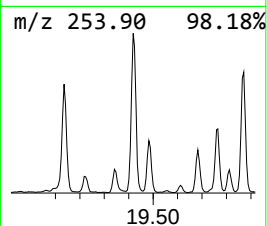
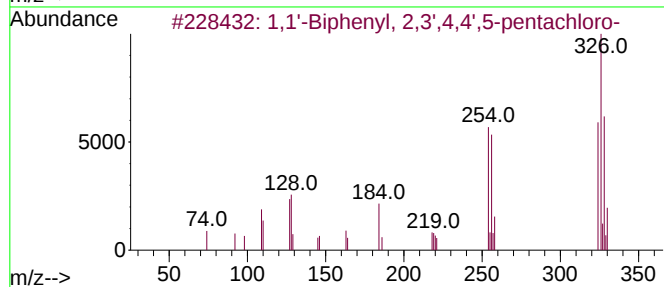
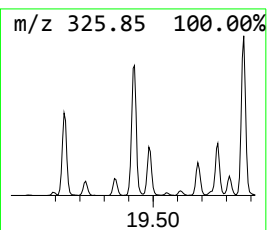
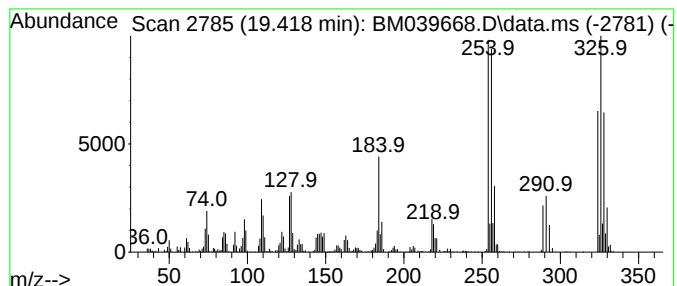
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.418	13.23 ng/ul	1339120	Chrysene-d12	21.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99		
2	2,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	065510-44-3	99		
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99		
4	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99		
5	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

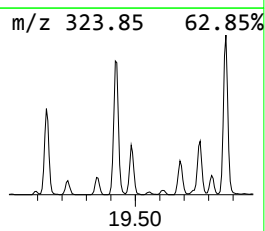
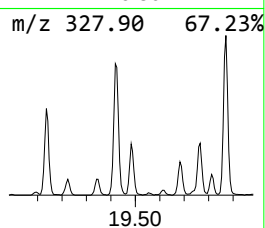
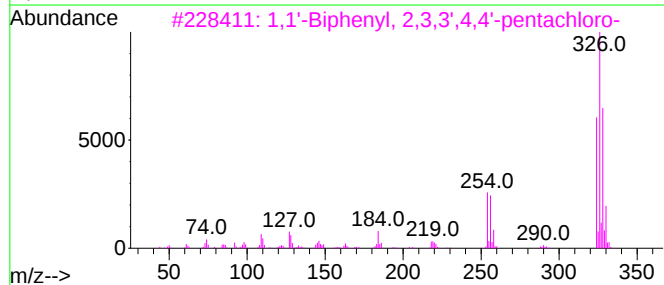
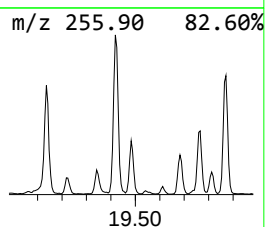
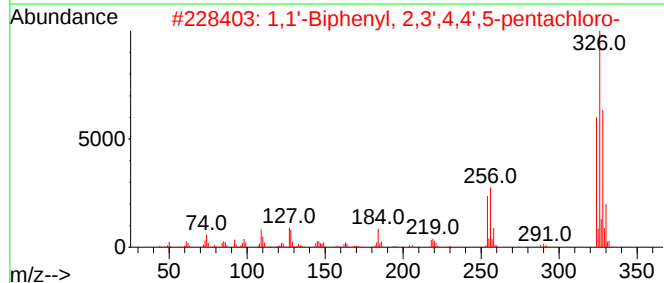
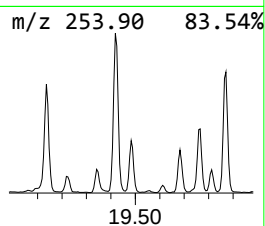
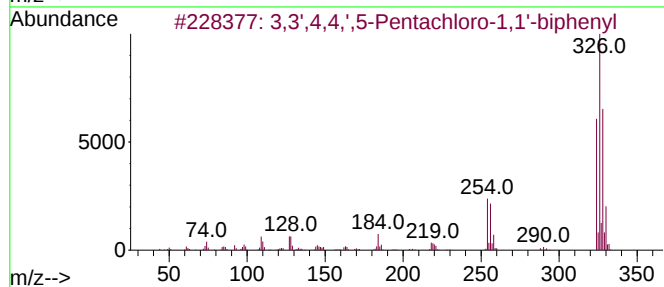
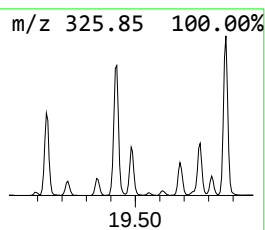
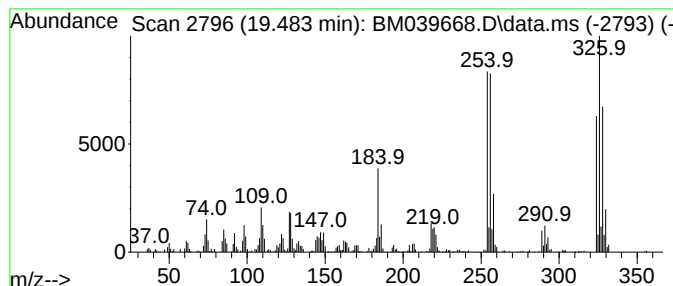
Instrument :
BNA_M
ClientSampleId :
EW931

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 3,3',4,4',5-Pentachloro-1,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.483	3.86 ng/ul	390876	Chrysene-d12	21.412	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW931

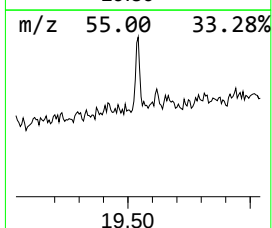
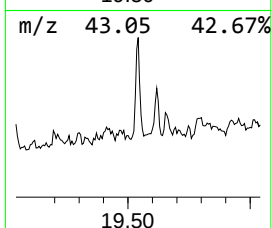
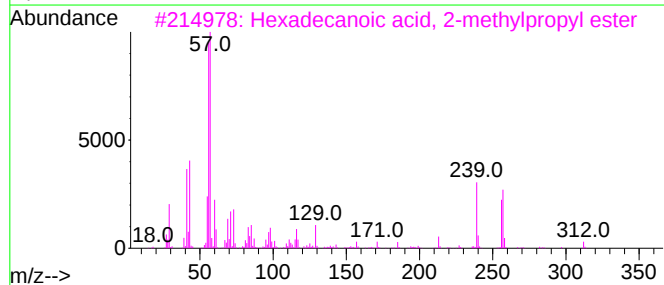
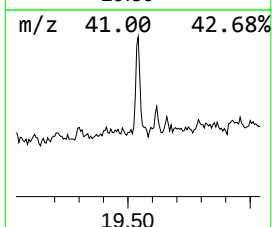
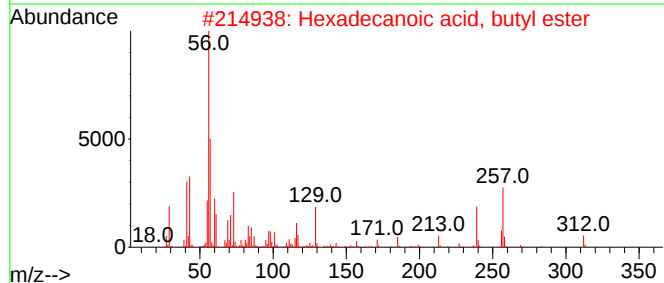
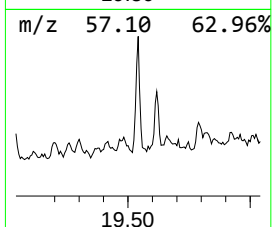
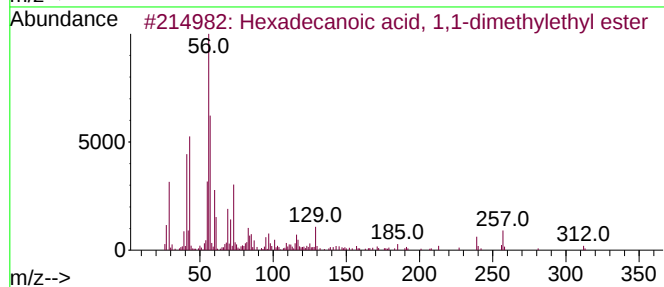
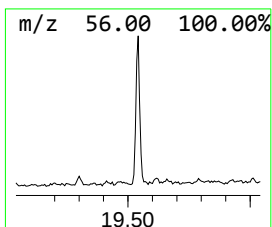
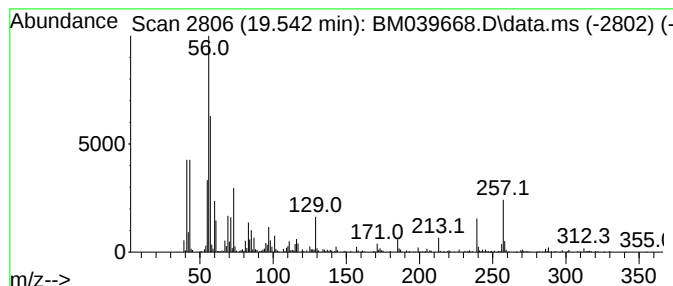
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 Hexadecanoic acid, 1,1-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.541	3.36 ng/ul	340366	Chrysene-d12	21.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	98
2			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3			Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	80
4			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	76
5			Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW931

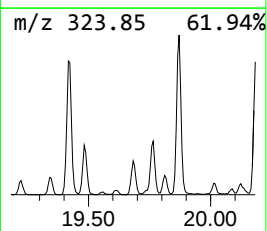
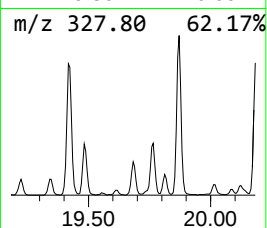
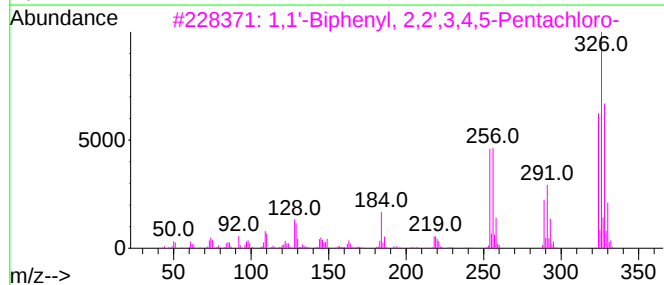
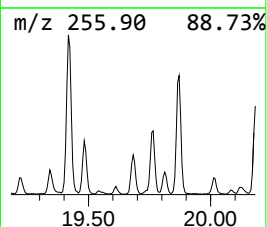
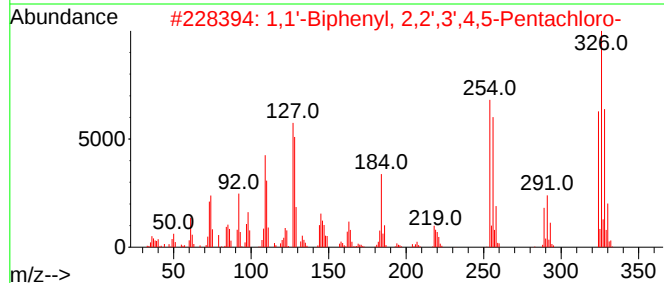
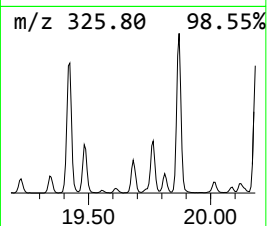
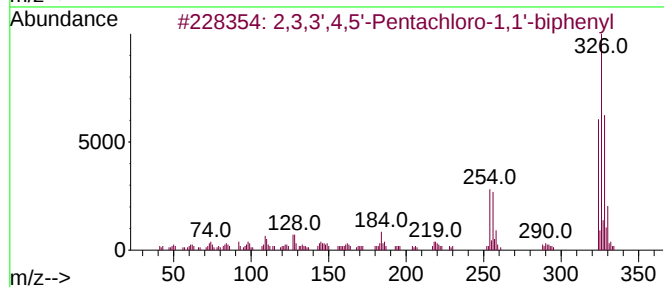
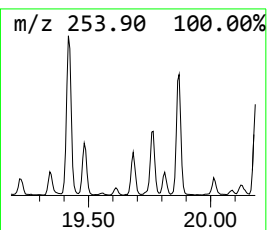
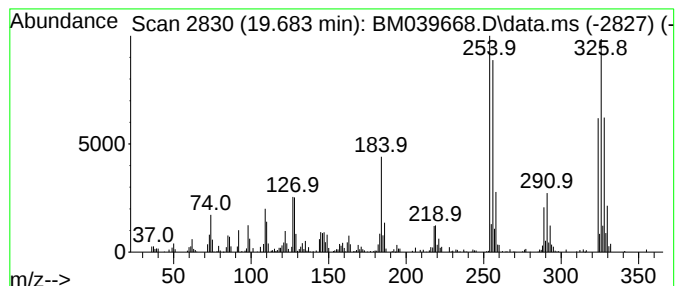
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 2,3,3',4,5'-Pentachloro-1,1... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.683	3.07 ng/ul	310715	Chrysene-d12	21.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	98		
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98		
3	1,1'-Biphenyl, 2,2',3,4,5-Pentac...	324	C12H5Cl5	055312-69-1	97		
4	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	97		
5	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	97		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

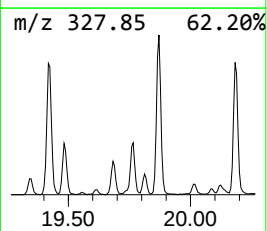
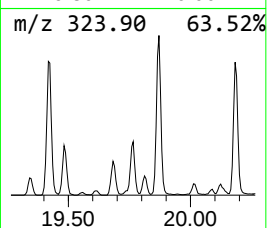
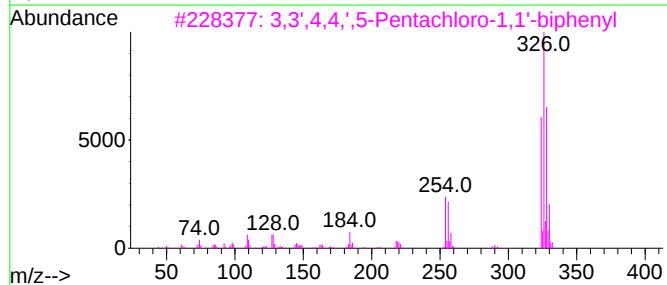
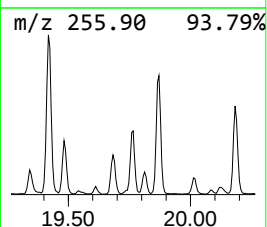
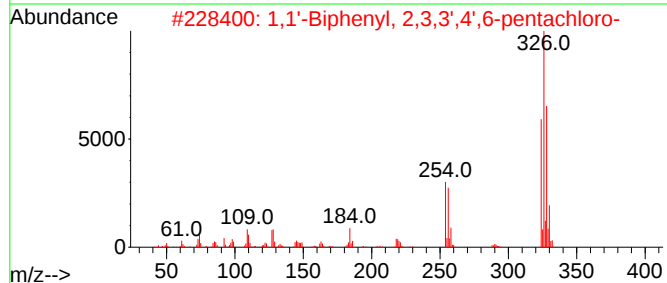
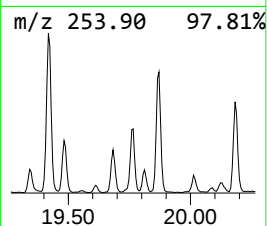
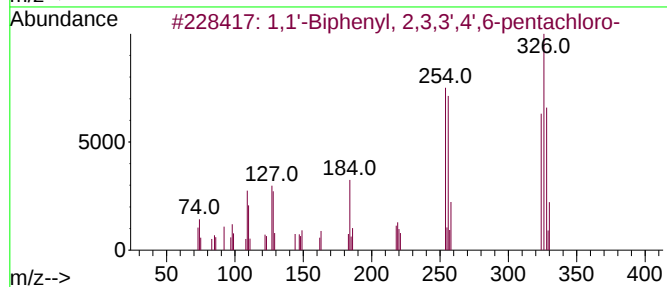
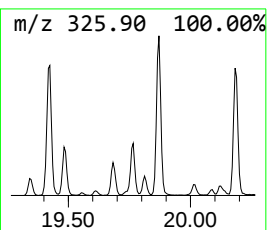
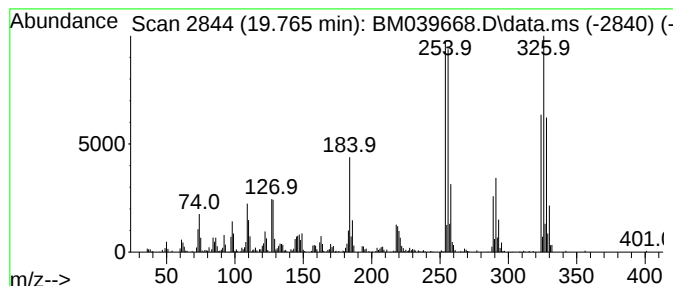
Instrument :
BNA_M
ClientSampleId :
EW931

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.765	4.79 ng/ul	484821	Chrysene-d12	21.412		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl,	2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	3,3',4,4',5-Pentachloro-	1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4	1,1'-Biphenyl,	2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
5	1,1'-Biphenyl,	2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

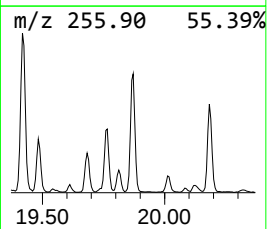
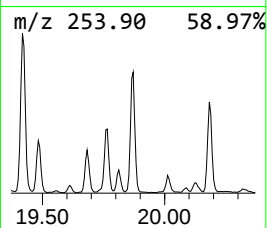
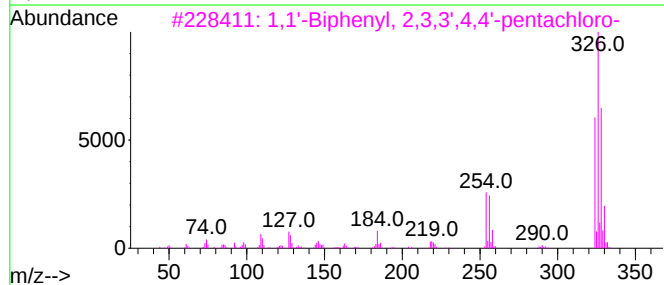
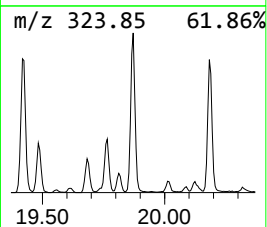
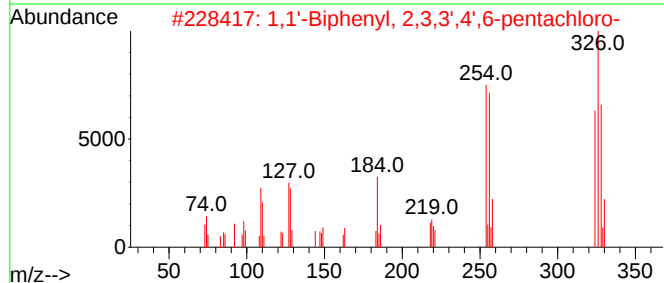
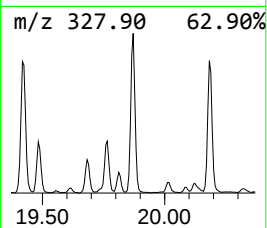
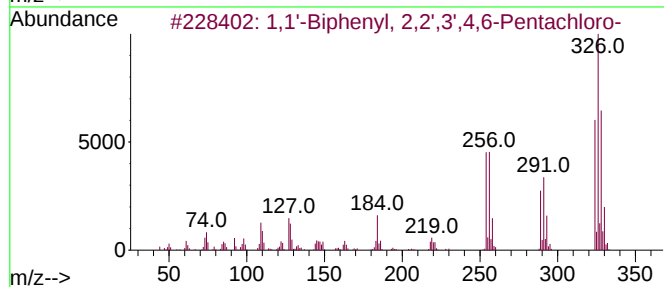
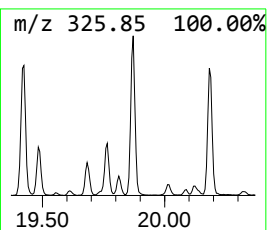
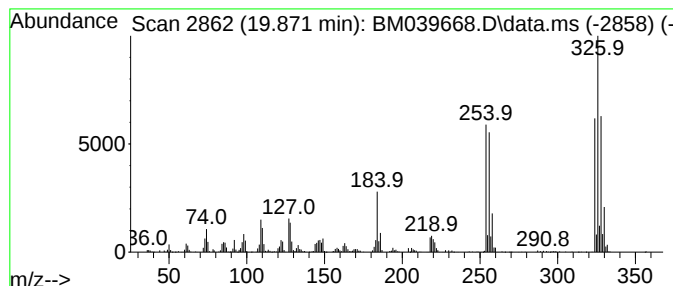
Instrument :
BNA_M
ClientSampleId :
EW931

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 1,1'-Biphenyl, 2,2',3',4,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.871	10.62 ng/ul	1075170	Chrysene-d12	21.412		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99	
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99	
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99	
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99	
5	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW931

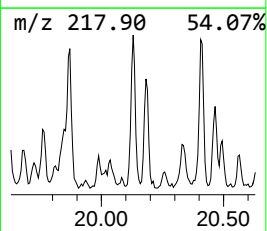
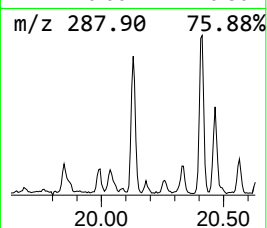
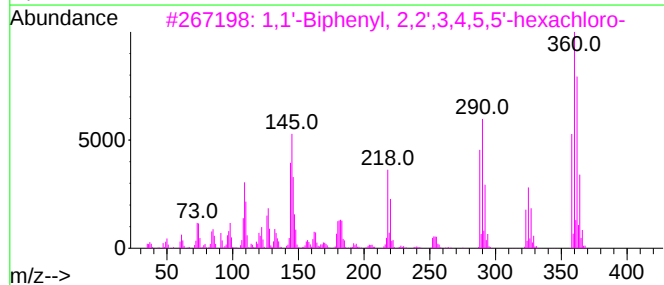
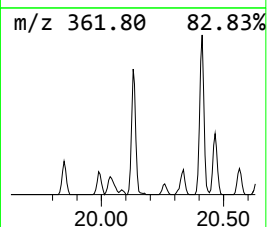
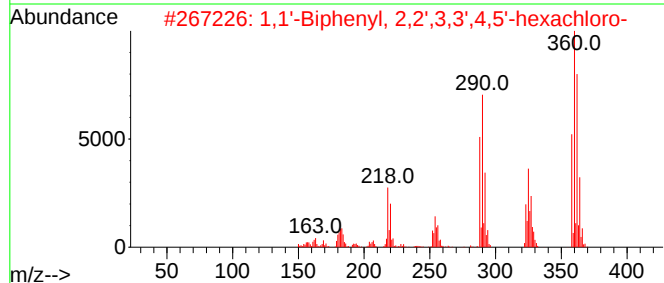
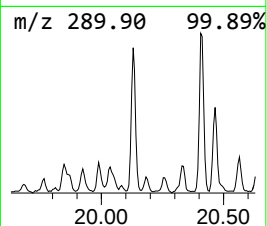
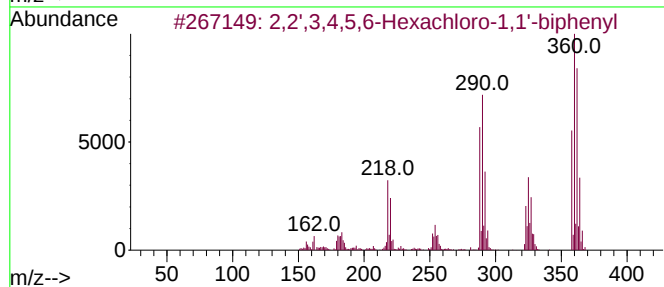
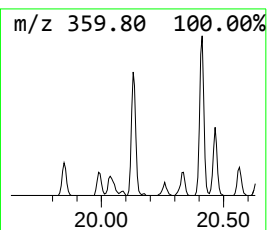
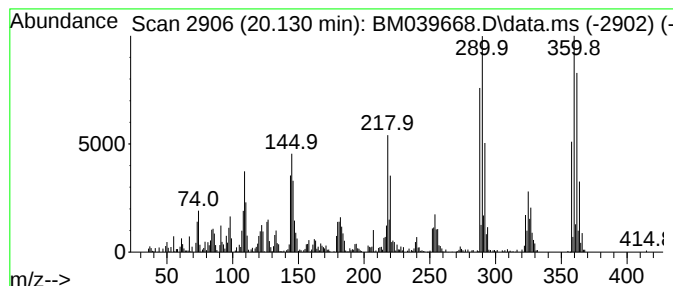
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.130	6.19 ng/ul	626447	Chrysene-d12	21.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99		
2	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99		
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99		
4	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99		
5	2,2',3,4,5',6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-14-9	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

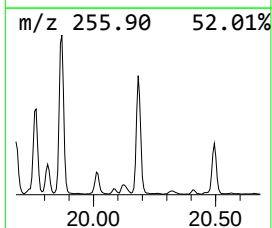
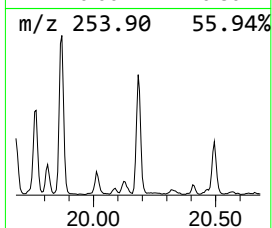
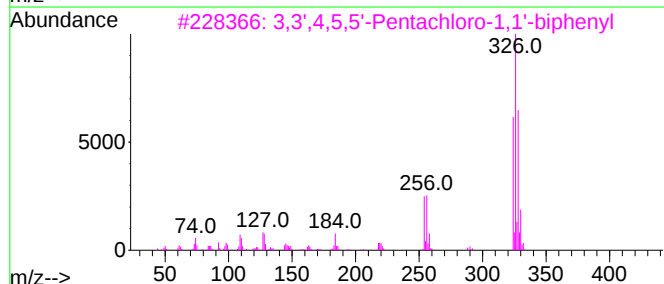
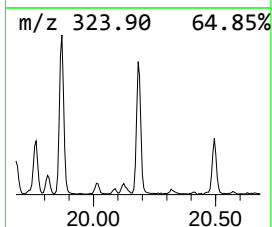
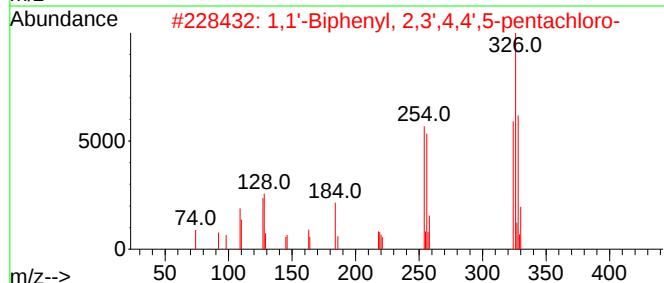
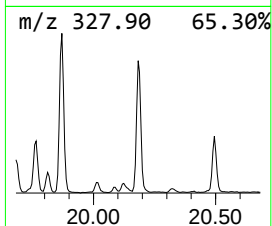
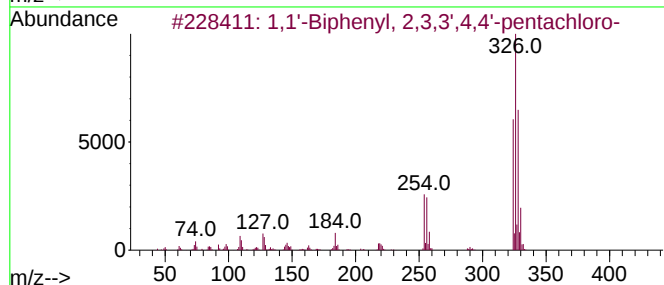
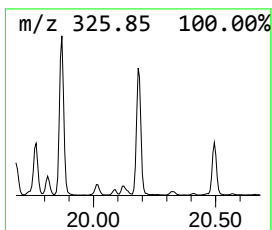
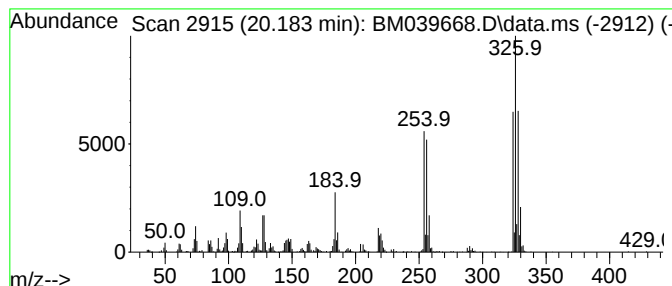
Instrument :
BNA_M
ClientSampleId :
EW931

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.183	8.25 ng/ul	835491	Chrysene-d12	21.412	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
4	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

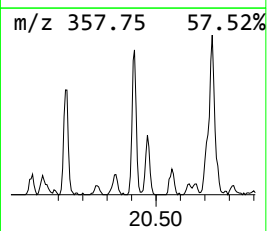
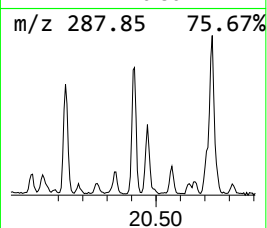
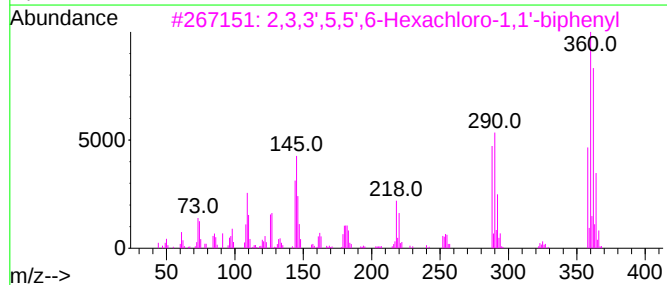
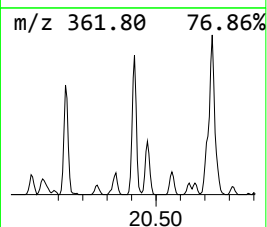
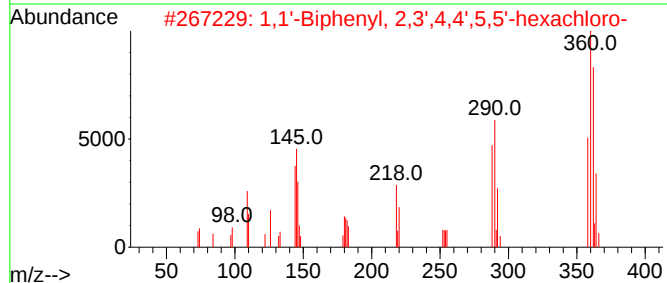
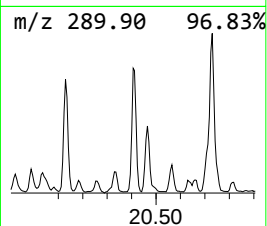
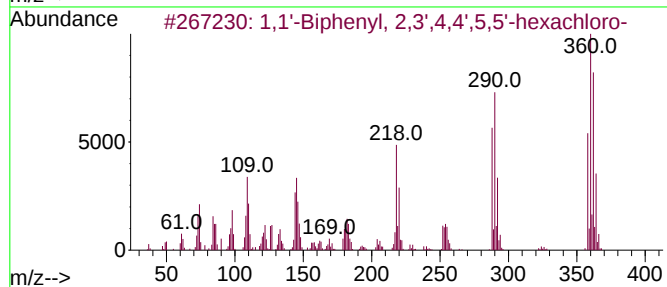
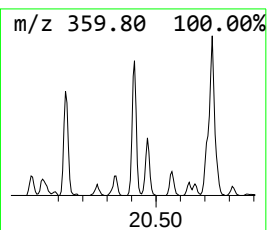
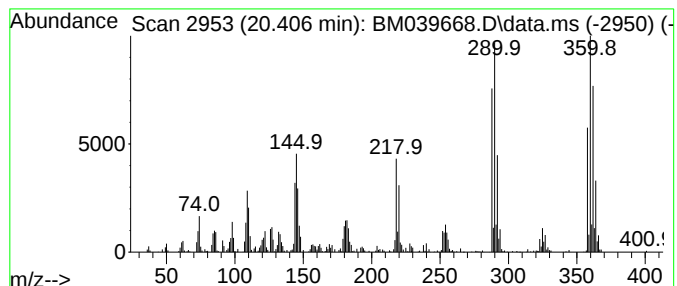
Instrument :
BNA_M
ClientSampleId :
EW931

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.406	4.07 ng/ul	412160	Chrysene-d12	21.412	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
4	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

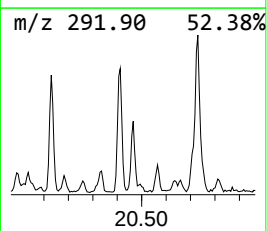
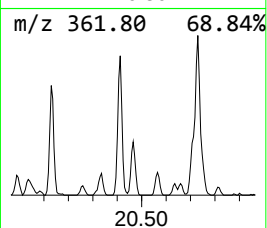
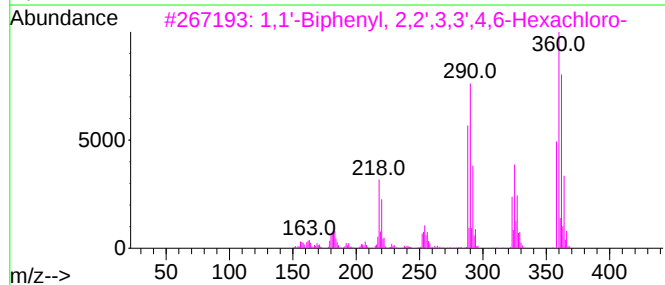
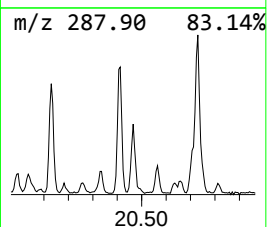
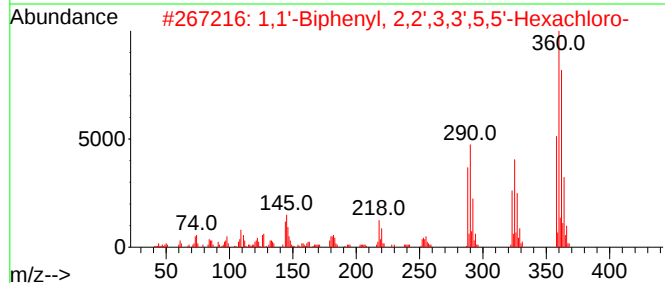
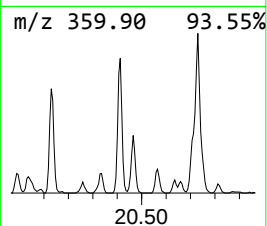
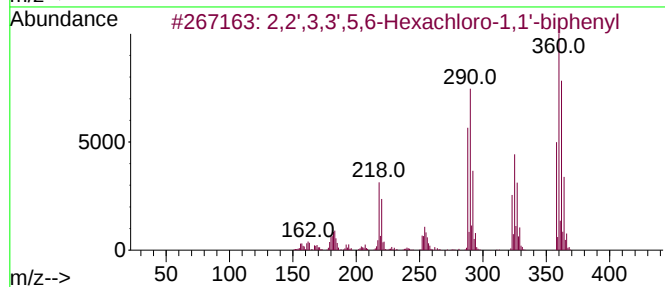
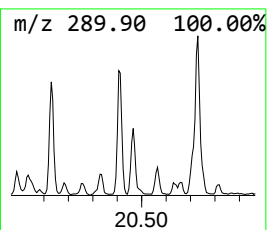
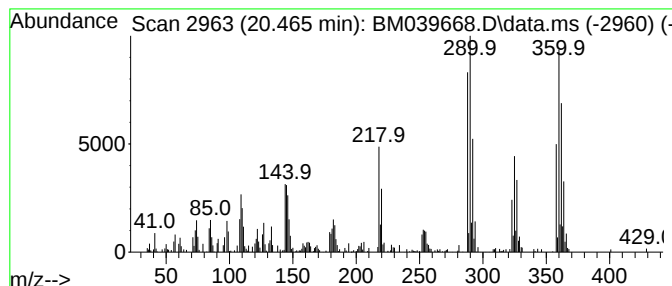
Instrument :
BNA_M
ClientSampleId :
EW931

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.465	2.09 ng/ul	211597	Chrysene-d12	21.412		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99	
2	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99	
3	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99	
4	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99	
5	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW931

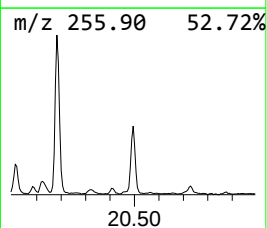
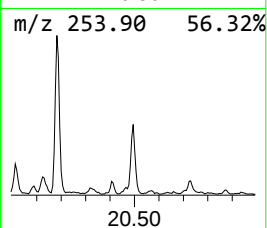
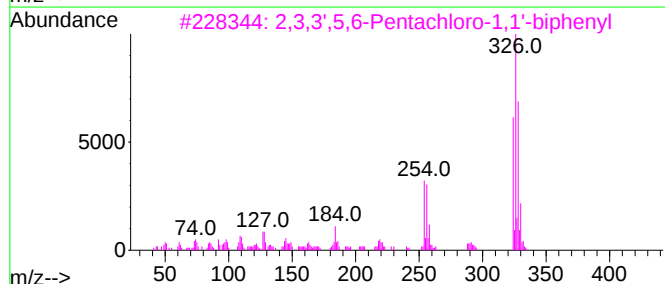
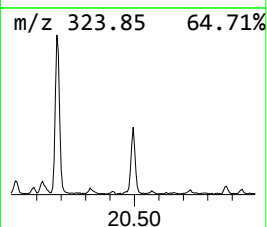
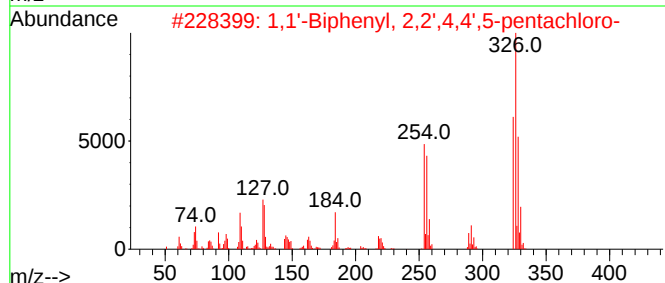
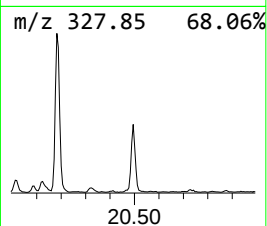
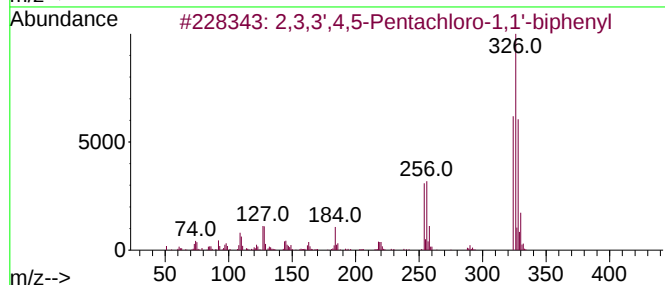
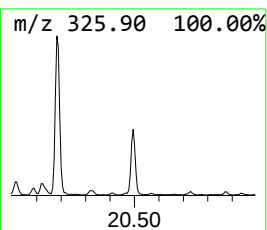
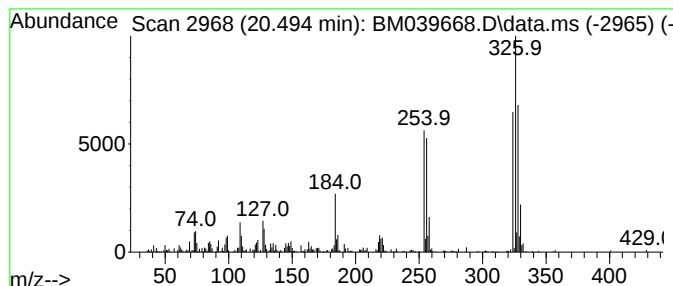
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.494	3.42 ng/ul	346213	Chrysene-d12	21.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	98		
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	97		
3	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	95		
4	2,3,3',5,6-Pentachloro-1,1'-bi...	324	C12H5Cl5	068194-10-5	95		
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	95		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039668.D
Acq On : 26 Apr 2023 08:18
Operator : CG/JU
Sample : 02419-36
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW931

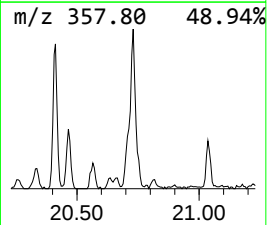
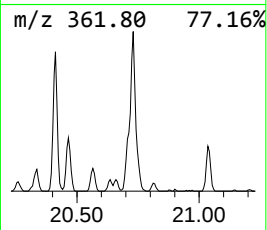
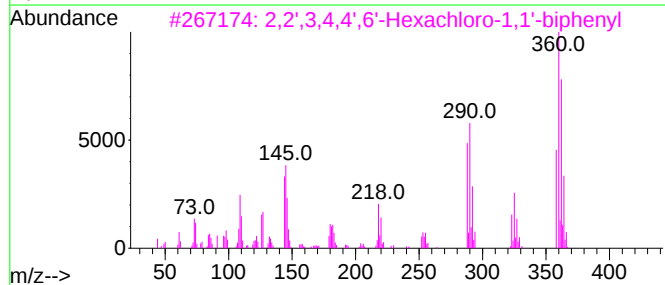
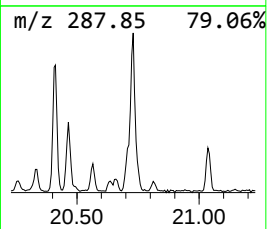
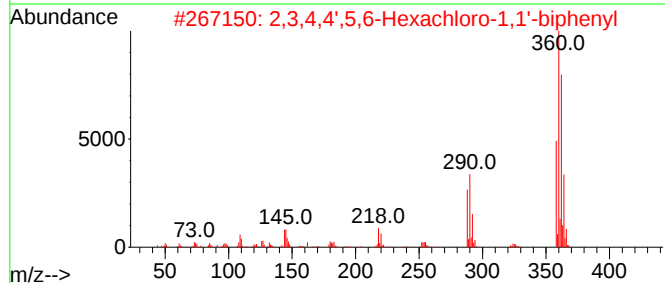
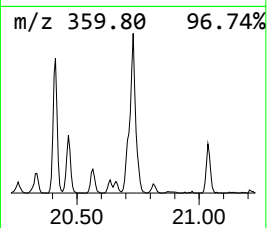
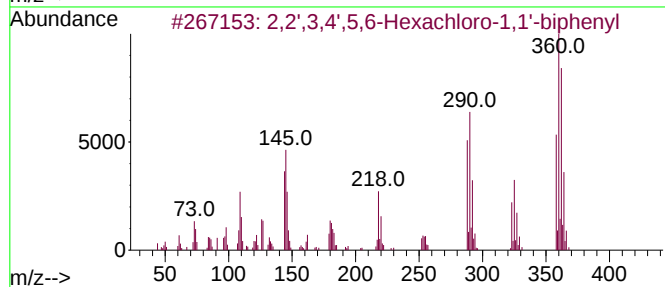
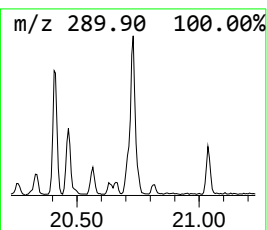
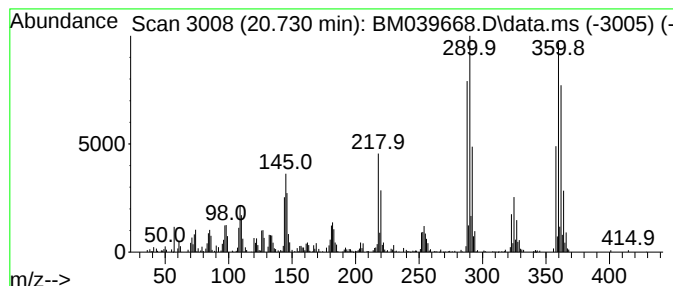
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 2,2',3,4',5,6-Hexachloro-1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.730	6.01 ng/ul	608373	Chrysene-d12	21.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99		
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99		
3	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99		
4	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99		
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
 Data File : BM039668.D
 Acq On : 26 Apr 2023 08:18
 Operator : CG/JU
 Sample : 02419-36
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW931

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	3.119	20.9	ng/ul	1397860	1	7.801	1338330	20.0
1,1'-Biphenyl, ...	17.389	3.6	ng/ul	524072	4	17.218	2922860	20.0
1,1'-Biphenyl, ...	17.818	15.9	ng/ul	2327340	4	17.218	2922860	20.0
1,1'-Biphenyl, ...	17.942	2.8	ng/ul	410902	4	17.218	2922860	20.0
1,1'-Biphenyl, ...	18.071	2.9	ng/ul	418124	4	17.218	2922860	20.0
1,1'-Biphenyl, ...	18.289	8.9	ng/ul	1303030	4	17.218	2922860	20.0
1,1'-Biphenyl, ...	18.348	4.2	ng/ul	617814	4	17.218	2922860	20.0
1,1'-Biphenyl, ...	18.389	2.5	ng/ul	372584	4	17.218	2922860	20.0
1,1'-Biphenyl, ...	18.571	6.2	ng/ul	907948	4	17.218	2922860	20.0
1,1'-Biphenyl, ...	18.683	2.1	ng/ul	314259	4	17.218	2922860	20.0
1,1'-Biphenyl, ...	18.747	3.4	ng/ul	498470	4	17.218	2922860	20.0
1,1'-Biphenyl, ...	19.112	6.3	ng/ul	923012	4	17.218	2922860	20.0
2,2',3,4',6-Pen...	19.142	9.1	ng/ul	1327950	4	17.218	2922860	20.0
2,3',4,5-Tetrac...	19.359	5.6	ng/ul	568555	5	21.412	2024500	20.0
1,1'-Biphenyl, ...	19.418	13.2	ng/ul	1339120	5	21.412	2024500	20.0
3,3',4,4',5-Pe...	19.483	3.9	ng/ul	390876	5	21.412	2024500	20.0
Hexadecanoic ac...	19.541	3.4	ng/ul	340366	5	21.412	2024500	20.0
2,3,3',4,5'-Pen...	19.683	3.1	ng/ul	310715	5	21.412	2024500	20.0
1,1'-Biphenyl, ...	19.765	4.8	ng/ul	484821	5	21.412	2024500	20.0
1,1'-Biphenyl, ...	19.871	10.6	ng/ul	1075170	5	21.412	2024500	20.0
2,2',3,4,5,6-He...	20.130	6.2	ng/ul	626447	5	21.412	2024500	20.0
1,1'-Biphenyl, ...	20.183	8.3	ng/ul	835491	5	21.412	2024500	20.0
1,1'-Biphenyl, ...	20.406	4.1	ng/ul	412160	5	21.412	2024500	20.0
2,2',3,3',5,6-H...	20.465	2.1	ng/ul	211597	5	21.412	2024500	20.0
2,3,3',4,5-Pent...	20.494	3.4	ng/ul	346213	5	21.412	2024500	20.0
2,2',3,4',5,6-H...	20.730	6.0	ng/ul	608373	5	21.412	2024500	20.0