

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
 Data File : BM039662.D
 Acq On : 26 Apr 2023 04:42
 Operator : CG/JU
 Sample : 02419-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW921

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: BM039662.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	6	8	11	rVB	70374	59790	2.56%	0.255%
2	3.119	11	14	24	rVB	1238329	1306343	55.99%	5.564%
3	3.437	65	68	69	rBV2	10036	9373	0.40%	0.040%
4	3.466	69	73	77	rVB	47245	56516	2.42%	0.241%
5	3.849	134	138	149	rVB2	32882	51455	2.21%	0.219%
6	3.949	152	155	164	rVB2	41332	56612	2.43%	0.241%
7	4.396	227	231	235	rVB	44496	54937	2.35%	0.234%
8	4.484	244	246	247	rBV2	4021	3254	0.14%	0.014%
9	4.708	280	284	289	rBV7	5566	8511	0.36%	0.036%
10	4.802	296	300	304	rVV2	9320	13015	0.56%	0.055%
11	4.855	307	309	314	rBV6	3349	4701	0.20%	0.020%
12	4.960	325	327	331	rBV5	2801	3202	0.14%	0.014%
13	5.296	379	384	388	rBV	7846	12562	0.54%	0.053%
14	5.349	390	393	400	rVB8	1900	3687	0.16%	0.016%
15	5.731	455	458	461	rBV5	2044	3295	0.14%	0.014%
16	5.802	466	470	473	rVB4	2317	3251	0.14%	0.014%
17	6.278	547	551	557	rBV4	6834	14875	0.64%	0.063%
18	6.331	558	560	564	rVB5	3410	4177	0.18%	0.018%
19	6.419	572	575	578	rBV5	2887	3173	0.14%	0.014%
20	6.784	633	637	641	rVB6	3109	5434	0.23%	0.023%
21	6.913	655	659	663	rVB4	8415	13034	0.56%	0.056%
22	7.278	715	721	726	rBV7	3430	7709	0.33%	0.033%
23	7.349	730	733	737	rVB5	2696	3353	0.14%	0.014%
24	7.413	740	744	748	rVV6	3650	5116	0.22%	0.022%
25	7.807	800	811	834	rBV	671459	1341351	57.49%	5.713%
26	8.343	898	902	907	rVB8	3914	7712	0.33%	0.033%
27	8.660	953	956	958	rBV3	2569	3119	0.13%	0.013%
28	9.043	1013	1021	1026	rBV3	7070	13586	0.58%	0.058%
29	9.513	1098	1101	1107	rVB7	3162	4024	0.17%	0.017%
30	10.025	1182	1188	1191	rVB7	2433	4773	0.20%	0.020%
31	10.384	1243	1249	1252	rBV7	3561	6203	0.27%	0.026%
32	10.472	1258	1264	1268	rBV8	4626	10425	0.45%	0.044%
33	10.554	1271	1278	1280	rBV6	3875	6526	0.28%	0.028%
34	10.613	1280	1288	1312	rBV	905192	1798309	77.08%	7.659%
35	11.013	1354	1356	1360	rVB5	3257	3717	0.16%	0.016%
36	11.072	1362	1366	1367	rBV4	3897	4645	0.20%	0.020%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
 Data File : BM039662.D
 Acq On : 26 Apr 2023 04:42
 Operator : CG/JU
 Sample : 02419-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW921

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	11.631	1456	1461	1464	rBV5	4736	7701	0.33%	0.033%
38	12.036	1525	1530	1532	rBV5	5873	8605	0.37%	0.037%
39	12.254	1566	1567	1571	rVB4	2704	3065	0.13%	0.013%
40	12.336	1576	1581	1586	rVB8	2978	5948	0.25%	0.025%
41	12.419	1591	1595	1601	rVB9	2975	5733	0.25%	0.024%
42	12.519	1606	1612	1617	rBV8	4039	9259	0.40%	0.039%
43	12.936	1679	1683	1686	rBV5	3341	4785	0.21%	0.020%
44	12.989	1687	1692	1696	rVB4	8756	13785	0.59%	0.059%
45	13.283	1734	1742	1748	rBV4	13444	28658	1.23%	0.122%
46	13.519	1778	1782	1785	rBV5	4214	6485	0.28%	0.028%
47	13.554	1785	1788	1793	rVB4	6480	8669	0.37%	0.037%
48	13.654	1802	1805	1808	rBV4	3166	4380	0.19%	0.019%
49	13.795	1826	1829	1833	rVB5	6991	8262	0.35%	0.035%
50	13.854	1835	1839	1841	rBV4	6754	8981	0.38%	0.038%
51	13.936	1849	1853	1856	rVB3	12669	15770	0.68%	0.067%
52	13.983	1859	1861	1865	rVB5	3301	3986	0.17%	0.017%
53	14.189	1892	1896	1897	rBV4	6222	7302	0.31%	0.031%
54	14.283	1908	1912	1919	rVB10	9859	14925	0.64%	0.064%
55	14.354	1920	1924	1931	rBV	18974	31105	1.33%	0.132%
56	14.419	1932	1935	1936	rBV2	4712	5043	0.22%	0.021%
57	14.466	1936	1943	1961	rVV	1368397	2247877	96.35%	9.573%
58	14.948	2021	2025	2026	rBV4	5621	6791	0.29%	0.029%
59	15.160	2058	2061	2062	rBV3	6149	6892	0.30%	0.029%
60	15.236	2071	2074	2081	rBV7	14371	28782	1.23%	0.123%
61	15.307	2082	2086	2096	rVV2	24045	47862	2.05%	0.204%
62	15.719	2152	2156	2165	rVB3	54215	100853	4.32%	0.430%
63	16.189	2229	2236	2242	rBV2	66732	165209	7.08%	0.704%
64	16.336	2258	2261	2265	rBV6	13898	16951	0.73%	0.072%
65	16.448	2277	2280	2287	rBV	53326	80837	3.46%	0.344%
66	16.748	2327	2331	2334	rBV2	49675	67915	2.91%	0.289%
67	16.966	2365	2368	2372	rBV	32032	39052	1.67%	0.166%
68	17.018	2373	2377	2385	rVB2	51898	83106	3.56%	0.354%
69	17.095	2385	2390	2393	rBV	133774	193385	8.29%	0.824%
70	17.130	2393	2396	2401	rVB	70897	98256	4.21%	0.418%
71	17.218	2405	2411	2416	rBV	1506877	2333065	100.00%	9.936%
72	17.395	2436	2441	2451	rVB	227089	355546	15.24%	1.514%
73	17.671	2485	2488	2491	rBV	68071	90520	3.88%	0.386%
74	17.701	2491	2493	2499	rVB2	69220	88069	3.77%	0.375%
75	17.818	2506	2513	2528	rBV	776516	1654852	70.93%	7.048%
76	17.948	2529	2535	2540	rBV4	139616	263697	11.30%	1.123%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
 Data File : BM039662.D
 Acq On : 26 Apr 2023 04:42
 Operator : CG/JU
 Sample : 02419-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW921

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	18.071	2552	2556	2560	rBV	196955	276995	11.87%	1.180%
78	18.118	2560	2564	2569	rVV2	125665	188901	8.10%	0.805%
79	18.289	2589	2593	2599	rBV	471638	610236	26.16%	2.599%
80	18.348	2599	2603	2607	rVV	323387	422366	18.10%	1.799%
81	18.395	2607	2611	2616	rVB2	173632	254289	10.90%	1.083%
82	18.577	2637	2642	2646	rBV	363240	543002	23.27%	2.313%
83	18.624	2647	2650	2656	rVV2	127246	182902	7.84%	0.779%
84	18.683	2656	2660	2663	rVV2	152470	221940	9.51%	0.945%
85	18.712	2663	2665	2668	rVV	128161	157792	6.76%	0.672%
86	18.754	2668	2672	2678	rVB	248442	326573	14.00%	1.391%
87	18.854	2686	2689	2694	rVB4	86874	119293	5.11%	0.508%
88	19.060	2721	2724	2729	rVB	155965	190908	8.18%	0.813%
89	19.112	2729	2733	2736	rBV	390246	564582	24.20%	2.404%
90	19.283	2758	2762	2767	rBV	238094	338911	14.53%	1.443%
91	19.365	2773	2776	2781	rBV	91287	181156	7.76%	0.772%
92	19.418	2782	2785	2792	rVB	362871	492556	21.11%	2.098%
93	19.483	2793	2796	2801	rBV2	110118	143151	6.14%	0.610%
94	19.759	2841	2843	2848	rVB2	110287	115280	4.94%	0.491%
95	19.871	2858	2862	2867	rVB	306568	381485	16.35%	1.625%
96	20.130	2903	2906	2912	rBV4	128187	208437	8.93%	0.888%
97	20.183	2912	2915	2923	rVB	226207	303688	13.02%	1.293%
98	20.406	2951	2953	2957	rVB2	125937	134068	5.75%	0.571%
99	21.412	3119	3124	3129	rBV	1460936	2129057	91.26%	9.067%
100	23.771	3520	3525	3539	rVB2	887659	1909220	81.83%	8.131%

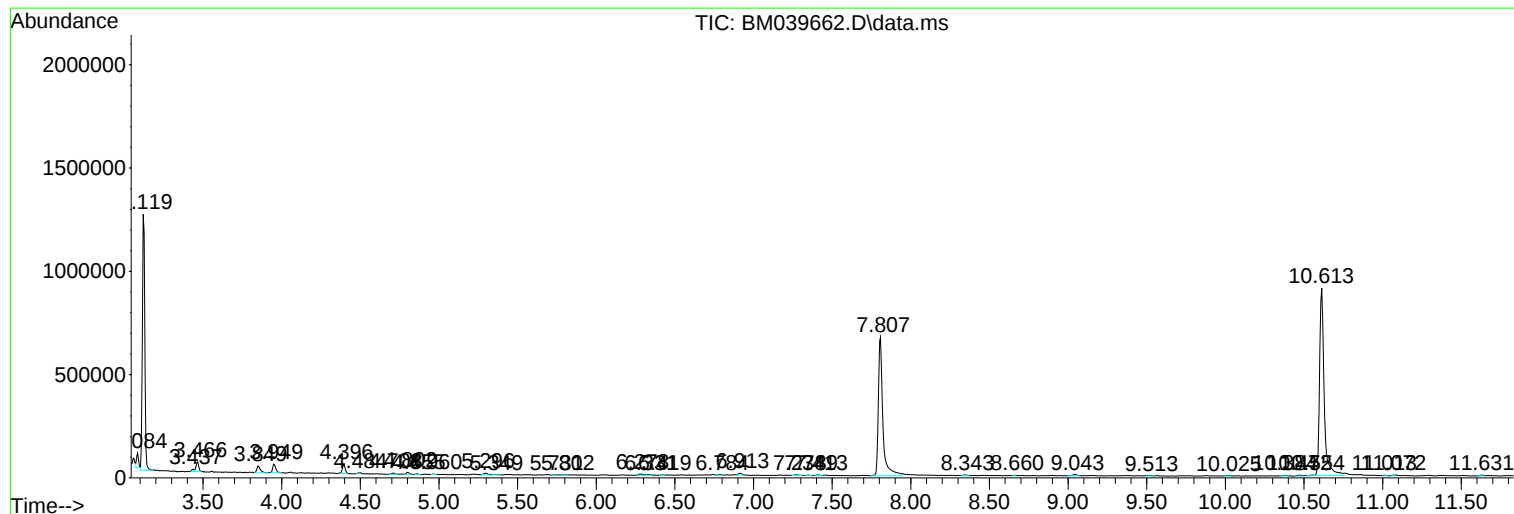
Sum of corrected areas: 23480517

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039662.D
Acq On : 26 Apr 2023 04:42
Operator : CG/JU
Sample : 02419-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW921

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039662.D
Acq On : 26 Apr 2023 04:42
Operator : CG/JU
Sample : 02419-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW921

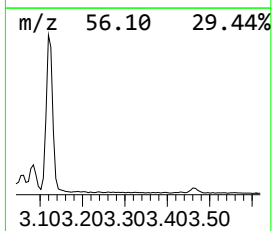
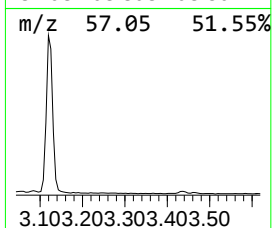
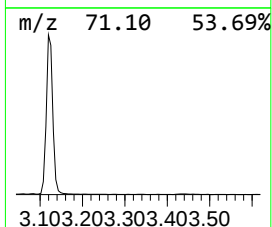
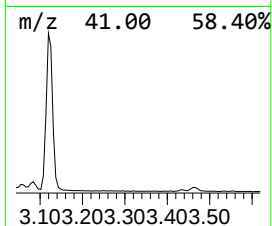
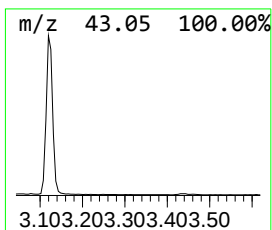
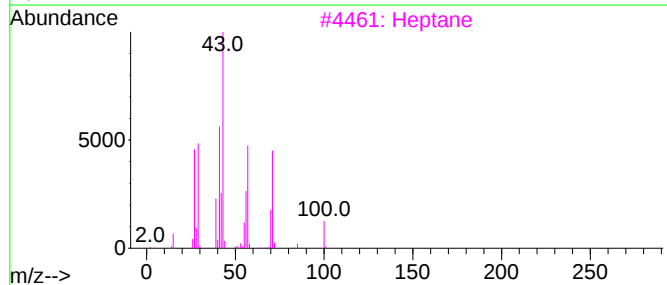
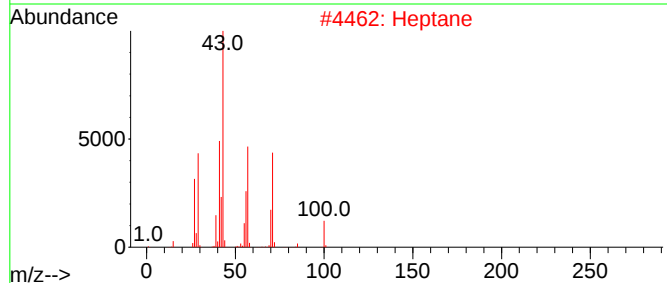
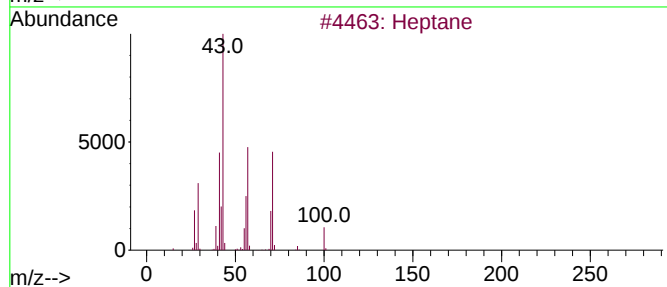
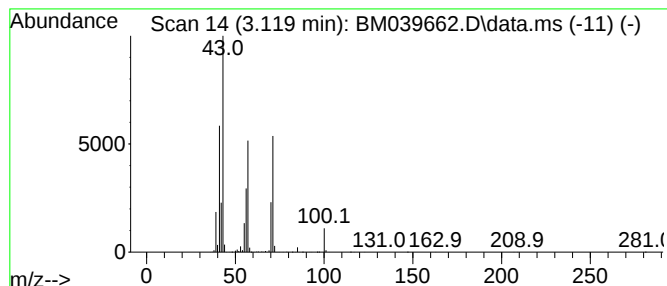
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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	19.48 ng/ul	1306340	1,4-Dichlorobenzene-d4	7.807

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 : BM039662.D
Acq On : 26 Apr 2023 04:42
Operator : CG/JU
Sample : 02419-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW921

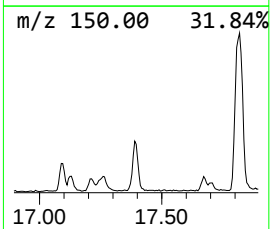
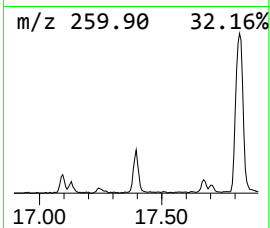
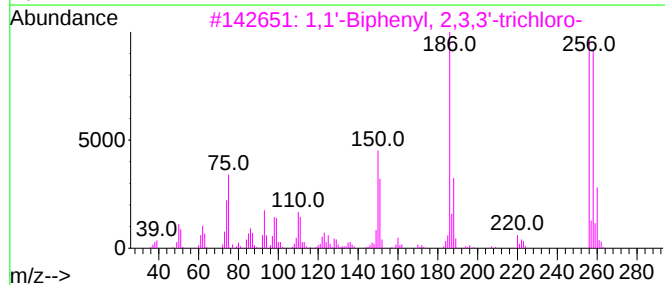
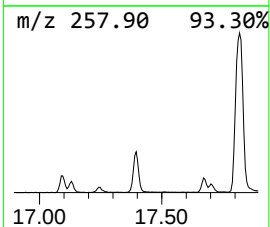
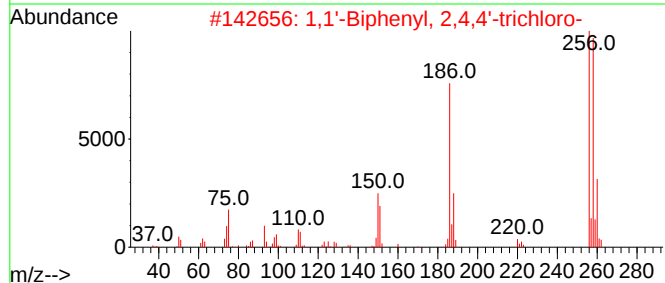
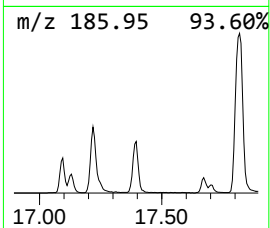
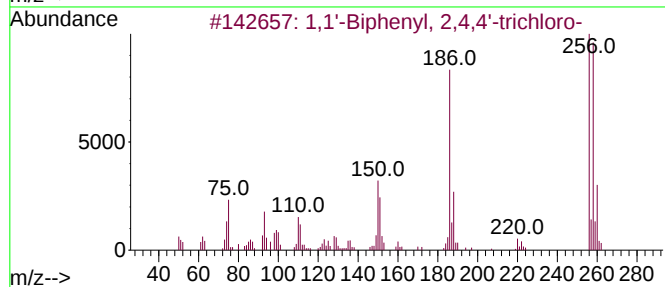
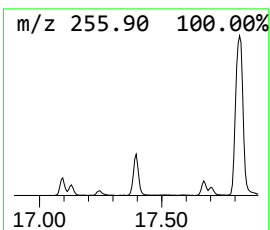
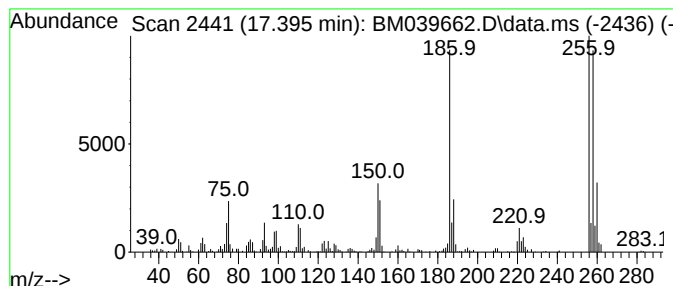
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.395	3.05 ng/ul	355546	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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99		
4	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99		
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039662.D
Acq On : 26 Apr 2023 04:42
Operator : CG/JU
Sample : 02419-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW921

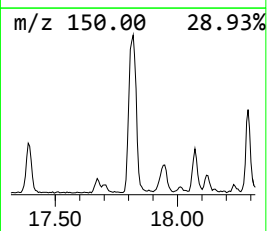
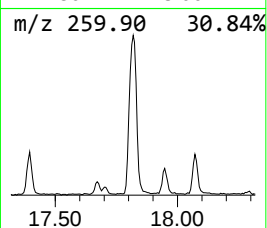
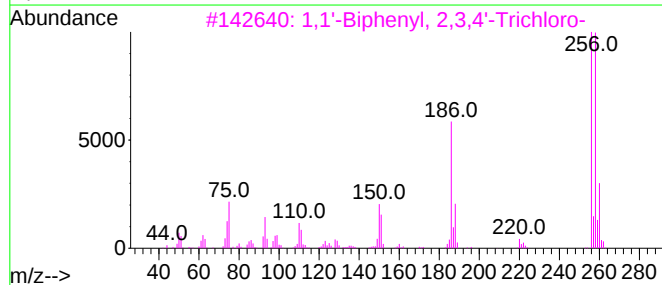
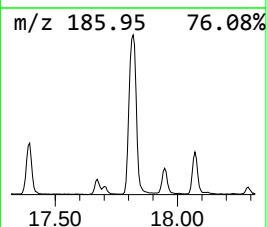
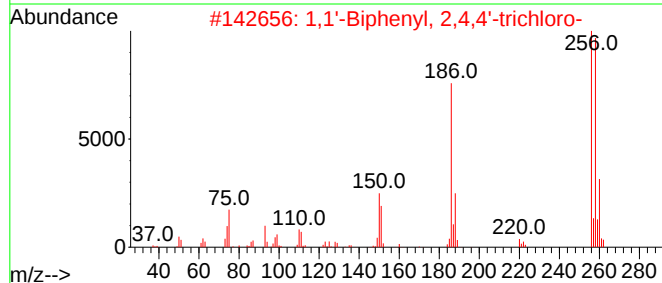
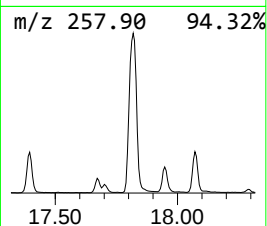
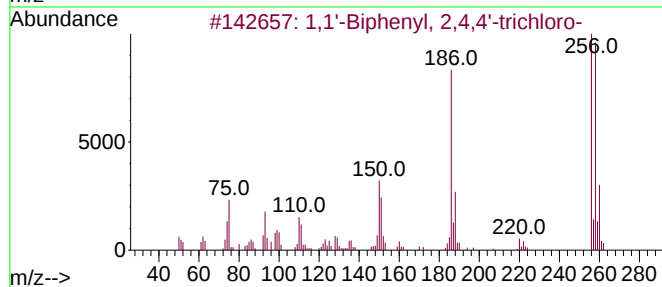
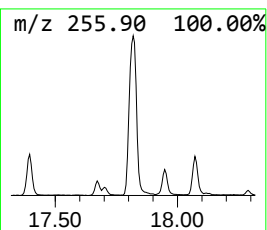
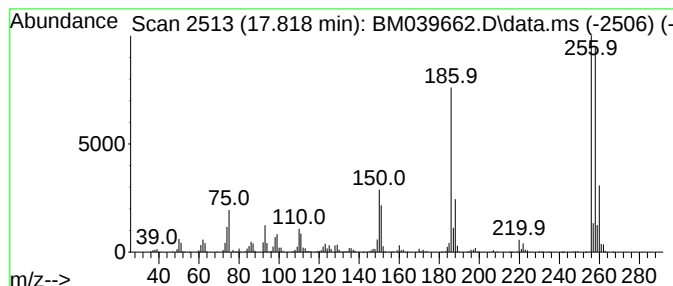
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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	14.19 ng/ul	1654850	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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
3	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99		
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99		
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039662.D
Acq On : 26 Apr 2023 04:42
Operator : CG/JU
Sample : 02419-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW921

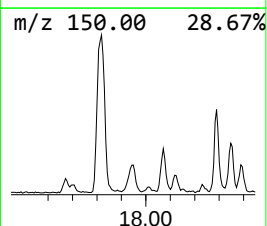
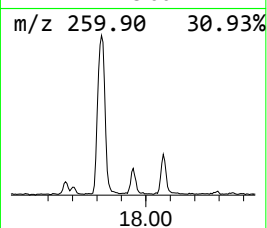
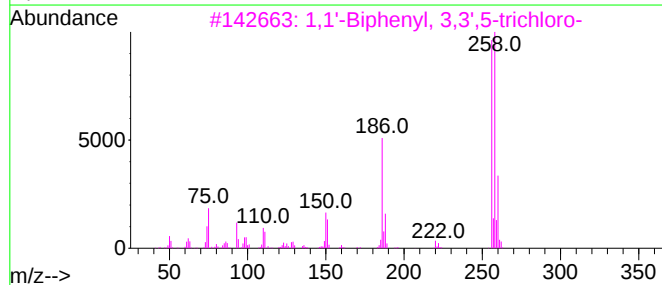
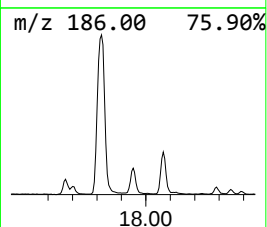
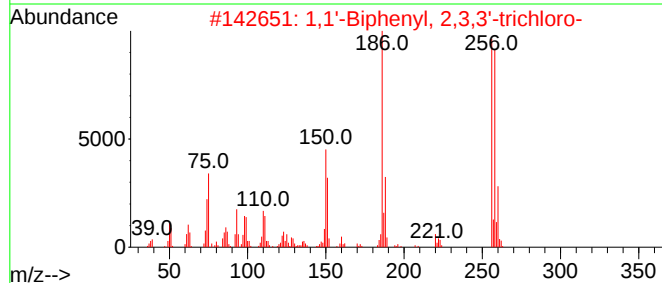
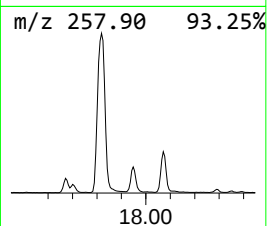
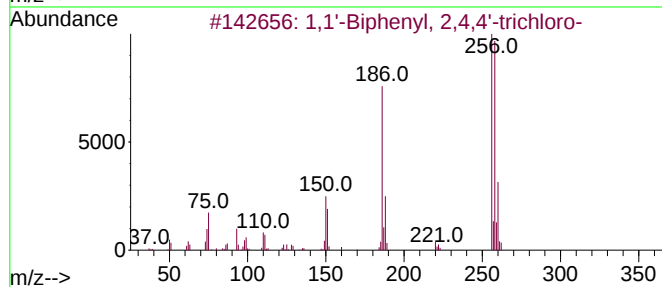
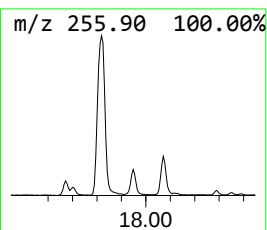
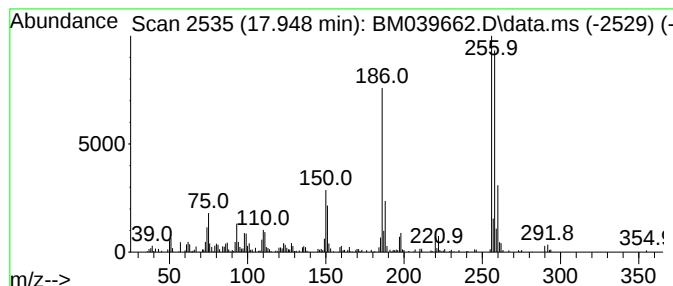
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.948	2.26 ng/ul	263697	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, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99		
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99		
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039662.D
Acq On : 26 Apr 2023 04:42
Operator : CG/JU
Sample : 02419-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW921

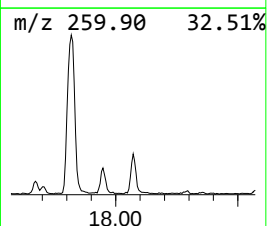
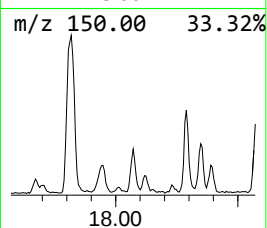
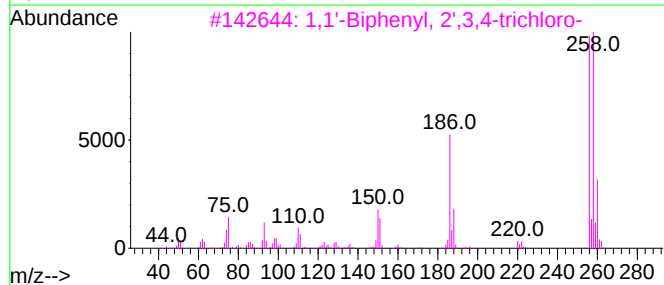
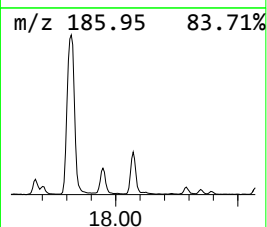
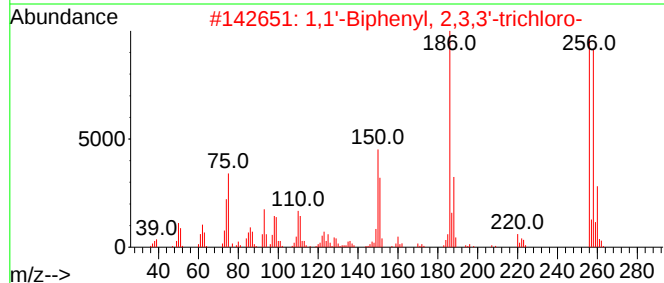
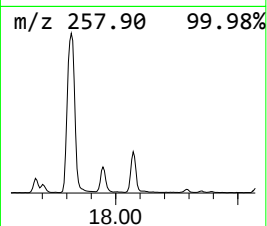
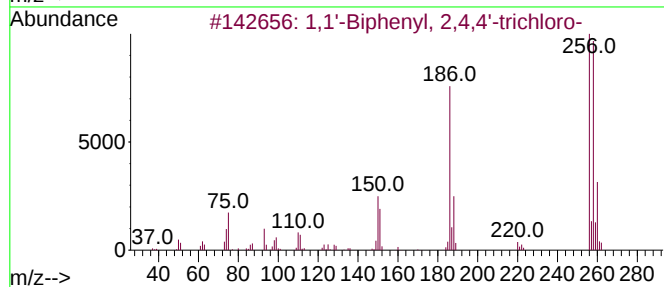
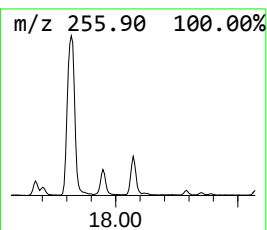
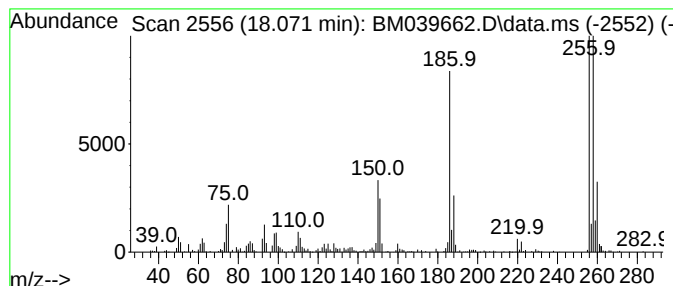
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.071	2.37 ng/ul	276995	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	98	
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98	
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98	
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98	



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039662.D
Acq On : 26 Apr 2023 04:42
Operator : CG/JU
Sample : 02419-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

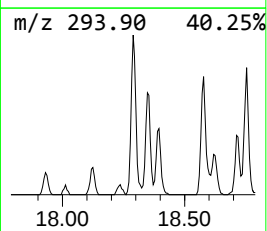
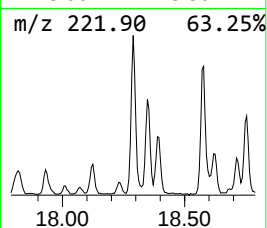
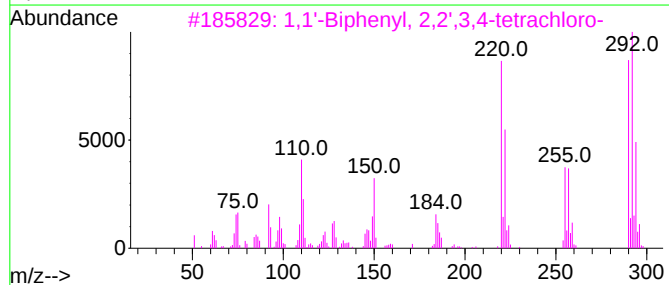
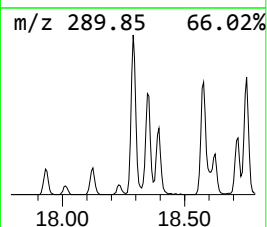
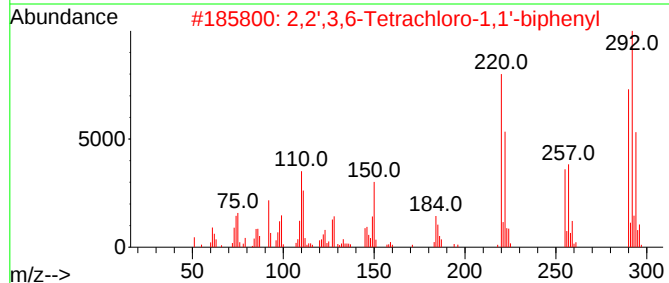
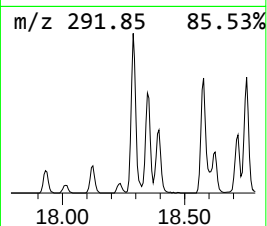
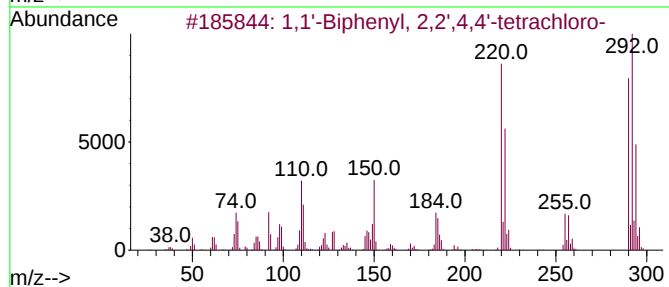
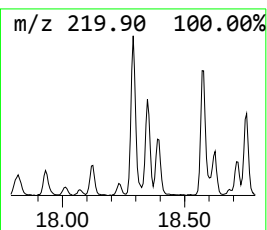
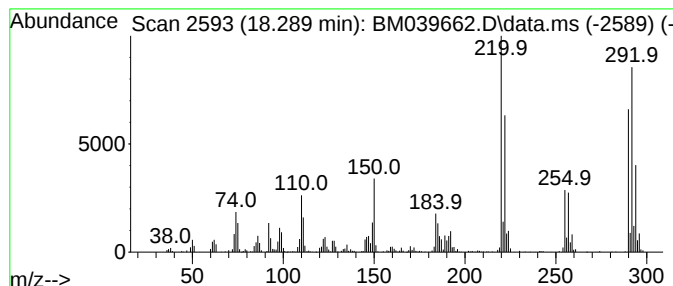
Instrument :
BNA_M
ClientSampleId :
EW921

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.289	5.23 ng/ul	610236	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	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
3	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039662.D
Acq On : 26 Apr 2023 04:42
Operator : CG/JU
Sample : 02419-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW921

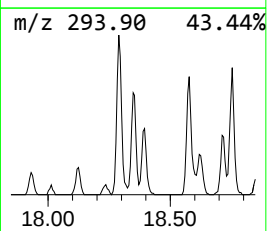
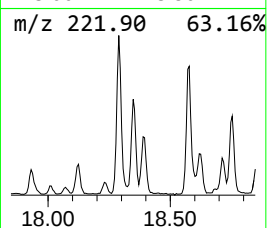
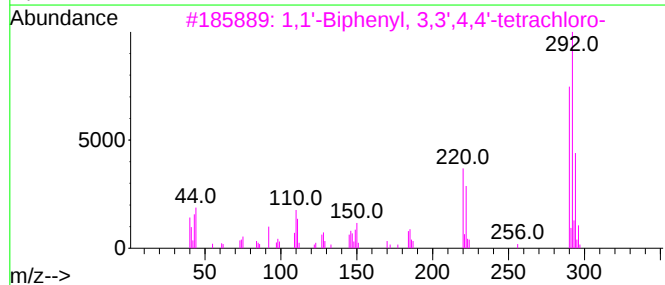
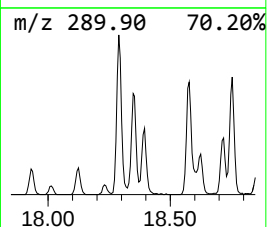
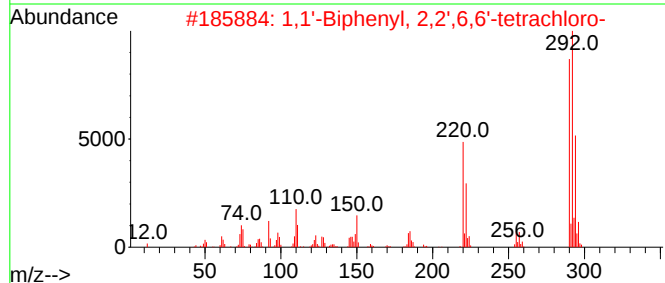
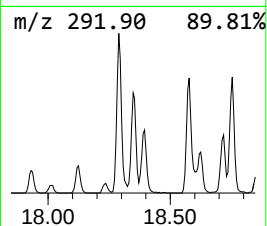
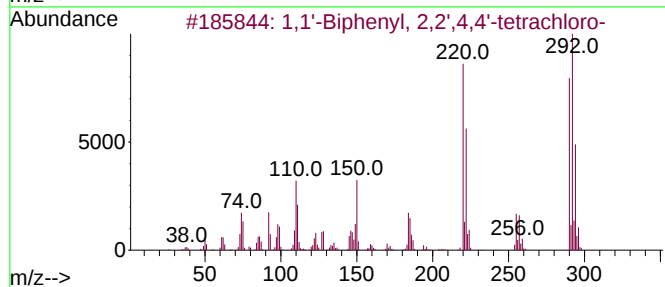
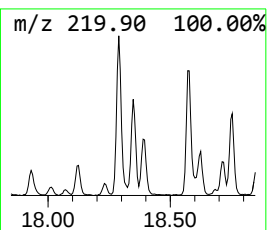
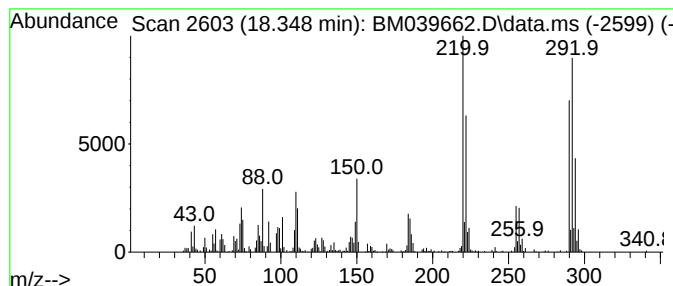
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.348	3.62 ng/ul	422366	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',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99		
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99		
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99		
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039662.D
Acq On : 26 Apr 2023 04:42
Operator : CG/JU
Sample : 02419-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW921

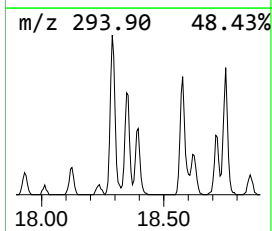
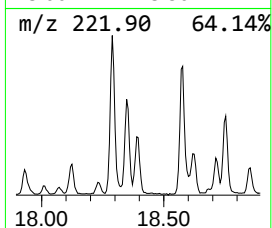
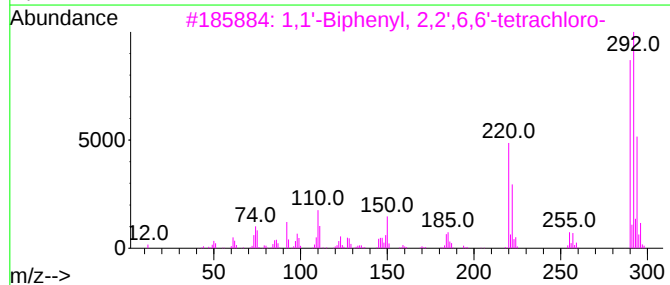
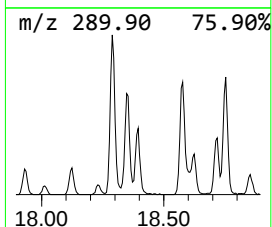
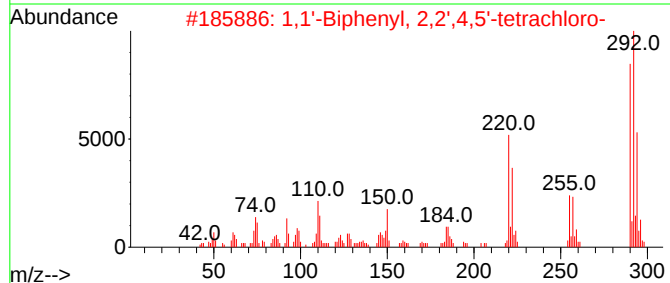
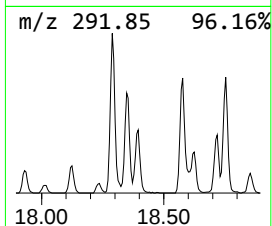
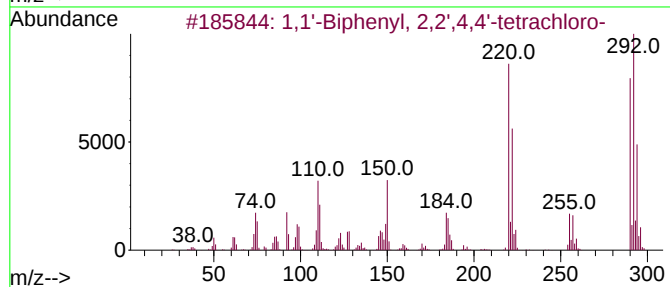
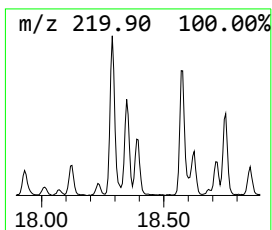
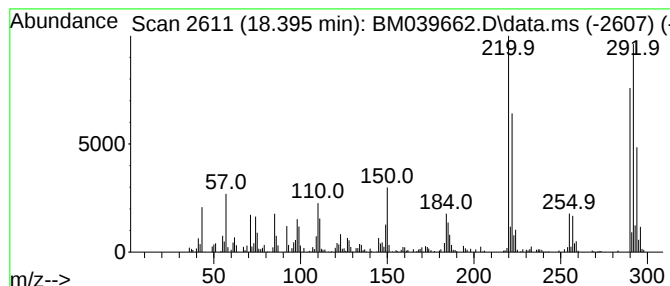
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.395	2.18 ng/ul	254289	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',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99		
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99		
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99		
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039662.D
Acq On : 26 Apr 2023 04:42
Operator : CG/JU
Sample : 02419-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW921

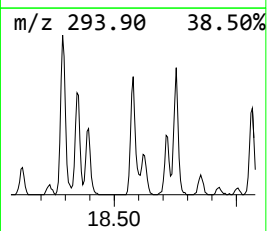
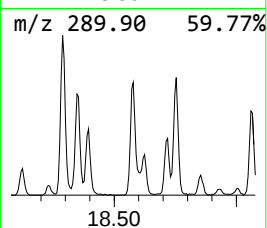
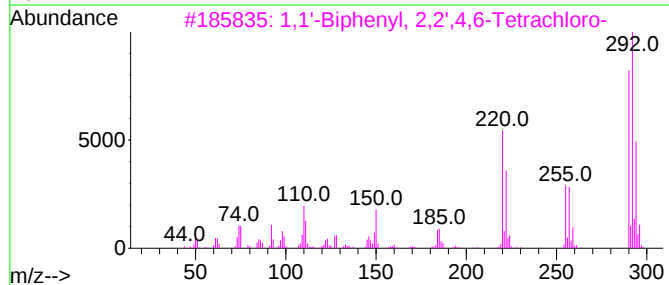
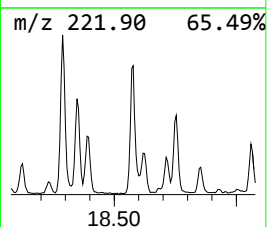
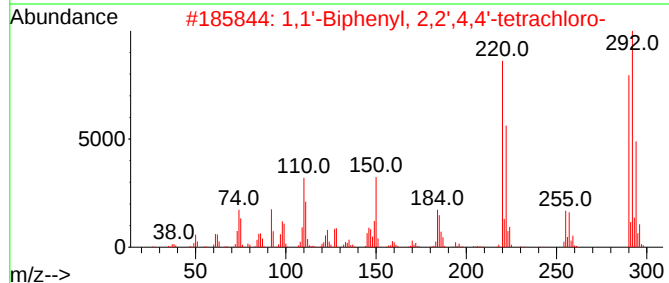
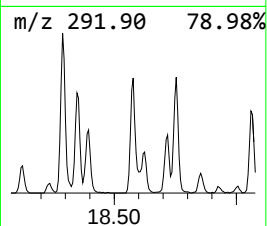
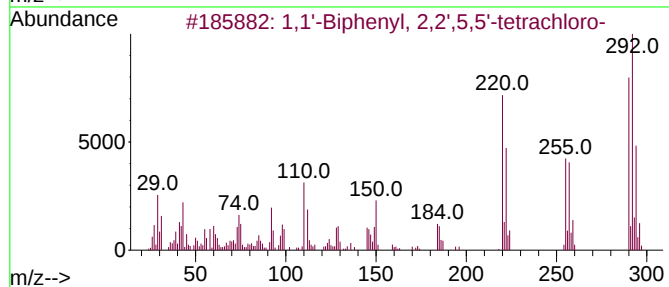
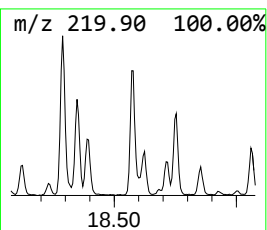
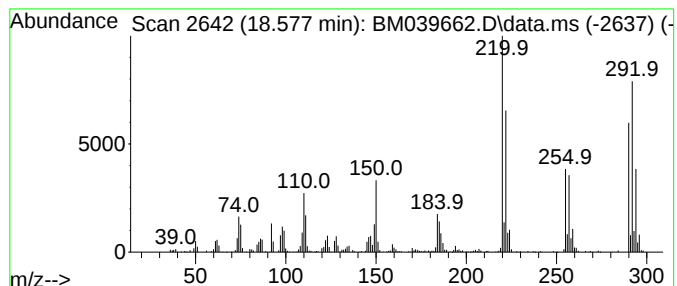
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.577	4.65 ng/ul	543002	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	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99		
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99		
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	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 : BM039662.D
Acq On : 26 Apr 2023 04:42
Operator : CG/JU
Sample : 02419-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW921

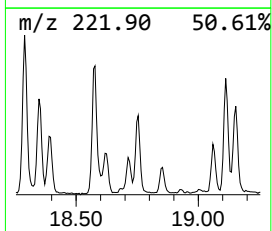
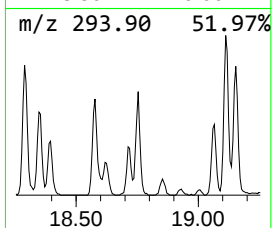
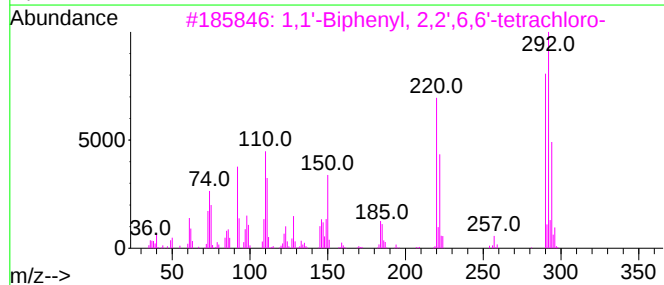
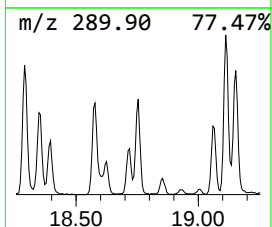
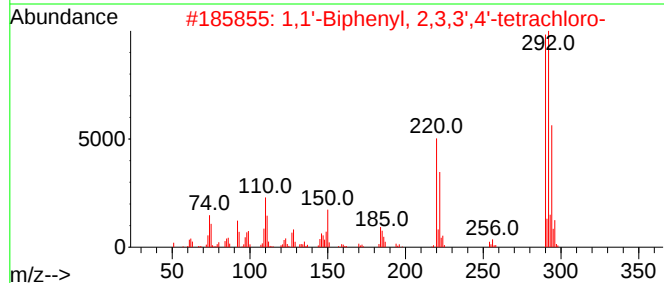
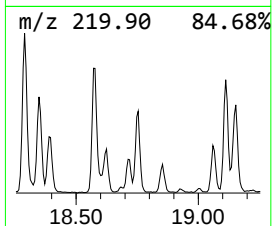
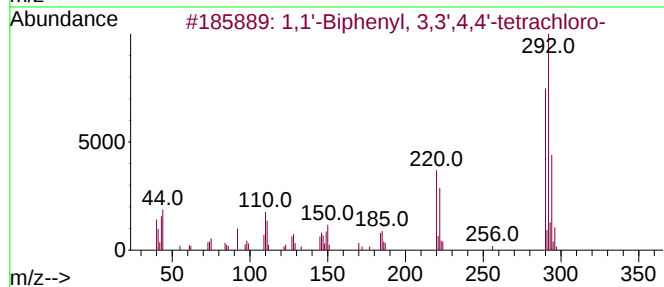
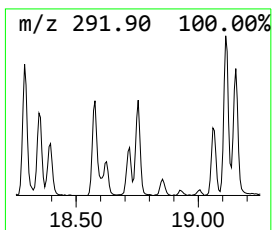
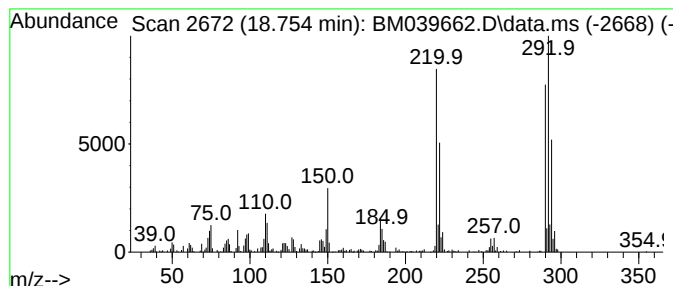
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.754	2.80 ng/ul	326573	Phenanthrene-d10	17.218

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99		
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99		
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99		
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99		
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	98		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039662.D
Acq On : 26 Apr 2023 04:42
Operator : CG/JU
Sample : 02419-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW921

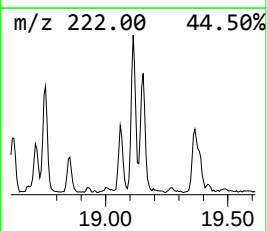
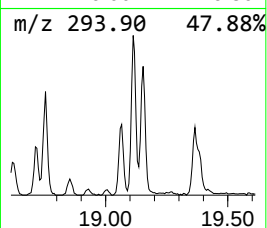
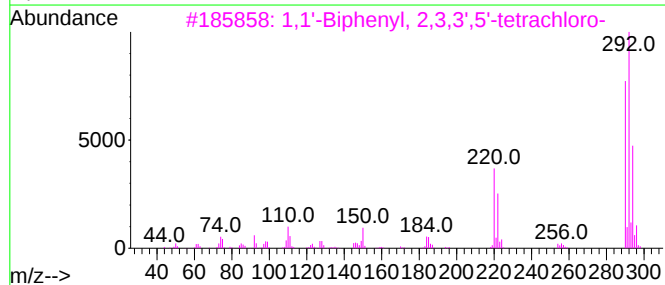
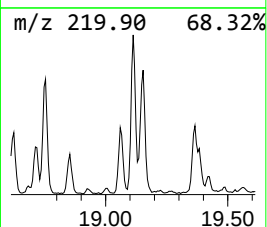
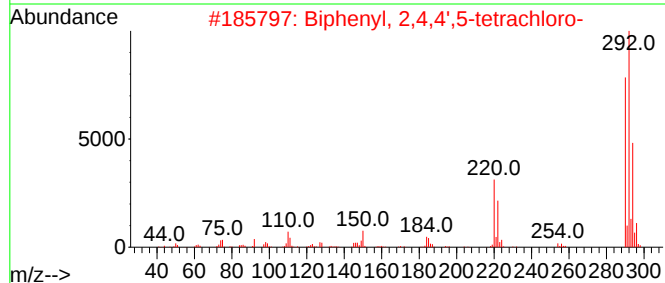
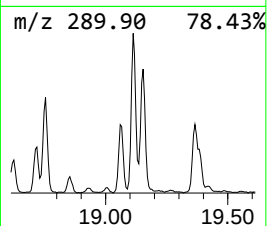
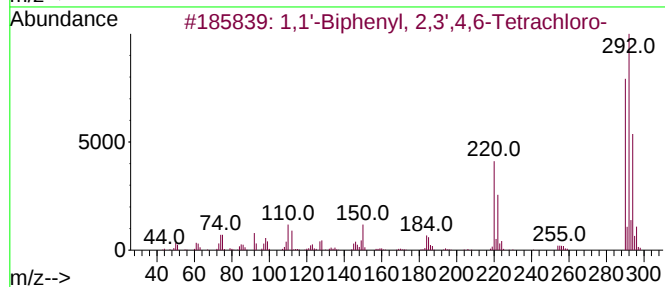
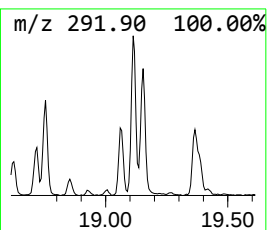
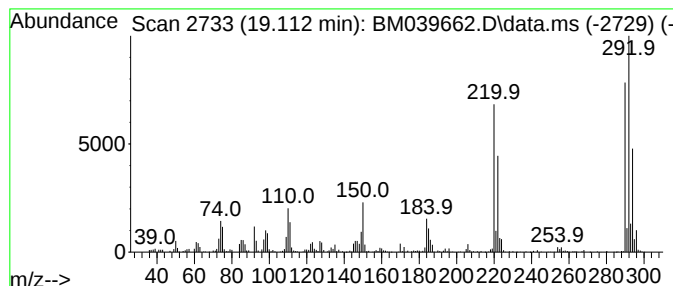
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.113	4.84 ng/ul	564582	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	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99		
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99		
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99		
5	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039662.D
Acq On : 26 Apr 2023 04:42
Operator : CG/JU
Sample : 02419-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

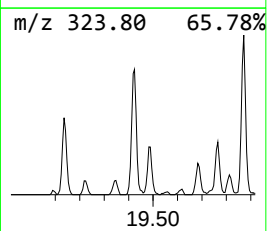
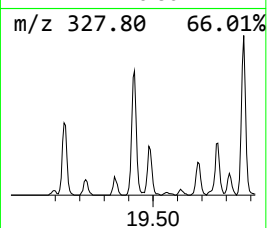
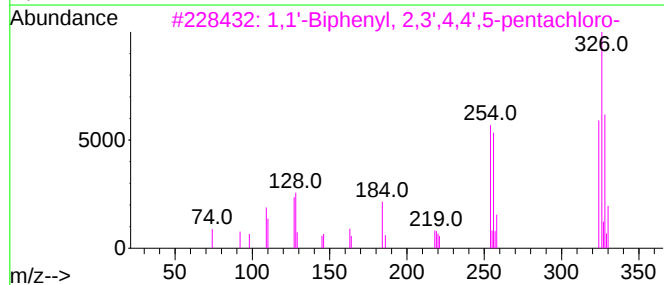
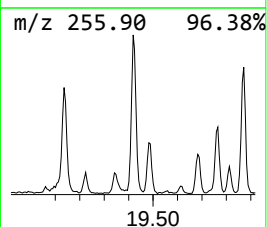
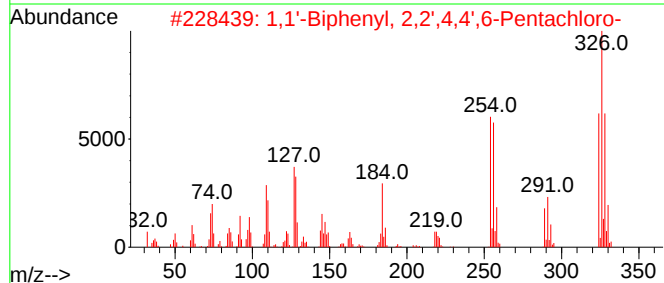
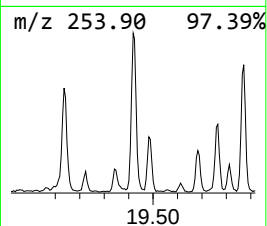
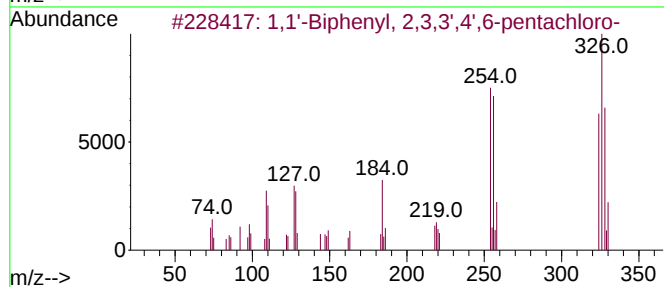
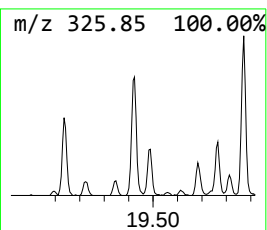
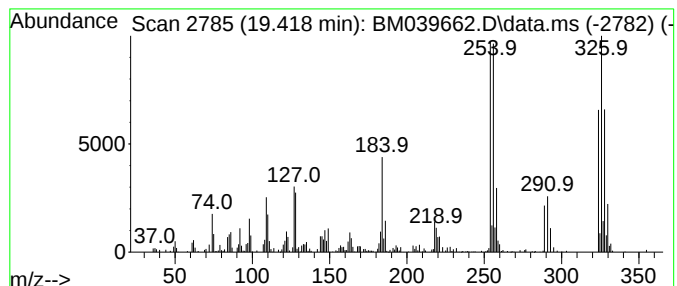
Instrument :
BNA_M
ClientSampleId :
EW921

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, 2,3,3',4',6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.418	4.63 ng/ul	492556	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, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039662.D
Acq On : 26 Apr 2023 04:42
Operator : CG/JU
Sample : 02419-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

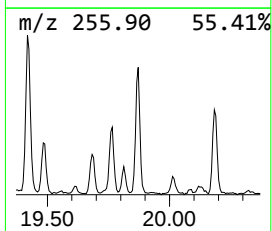
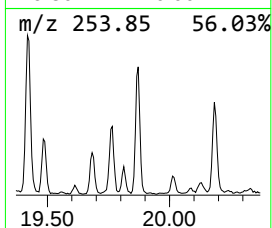
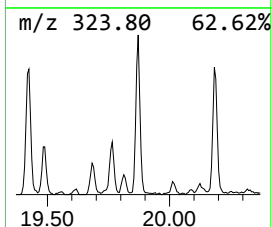
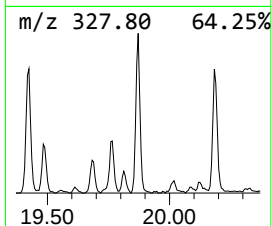
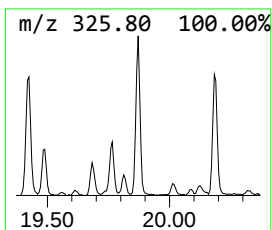
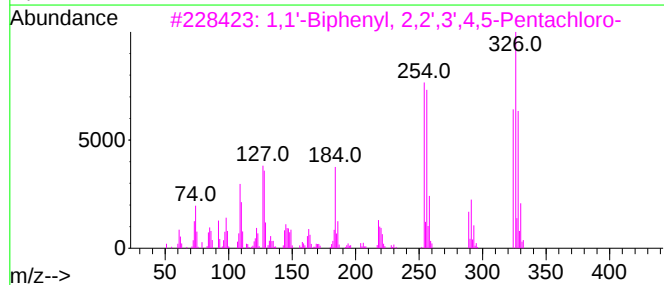
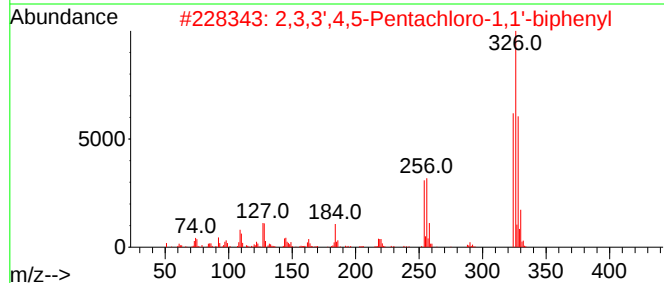
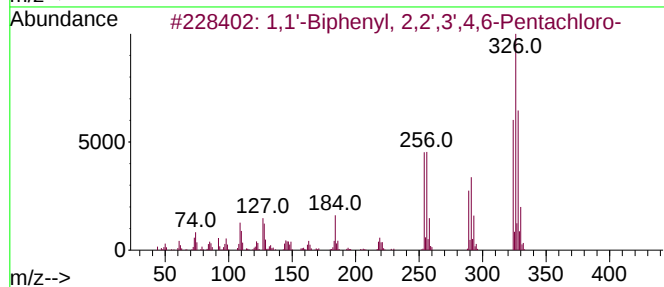
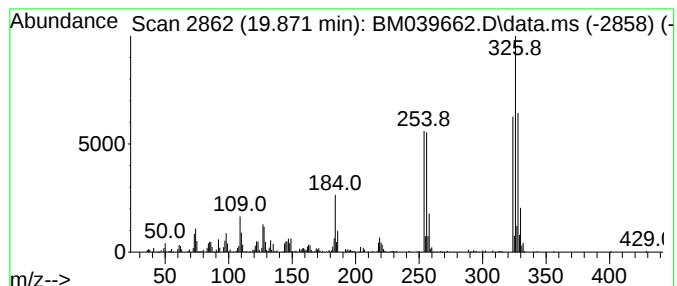
Instrument :
BNA_M
ClientSampleId :
EW921

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 1,1'-Biphenyl, 2,2',3',4,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.871	3.58 ng/ul	381485	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	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	98	
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98	
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	98	
5	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	98	



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
Data File : BM039662.D
Acq On : 26 Apr 2023 04:42
Operator : CG/JU
Sample : 02419-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW921

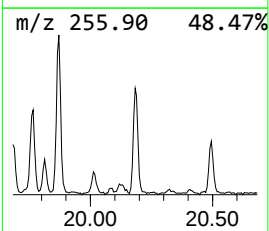
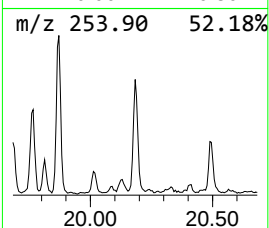
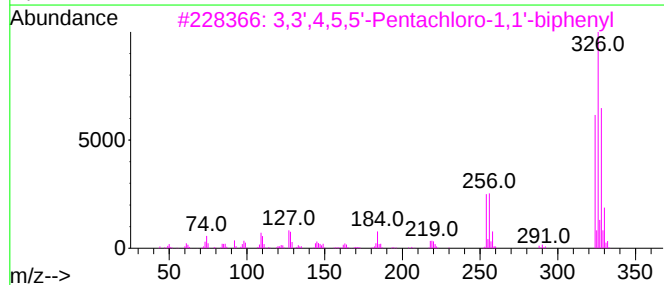
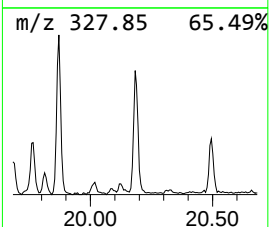
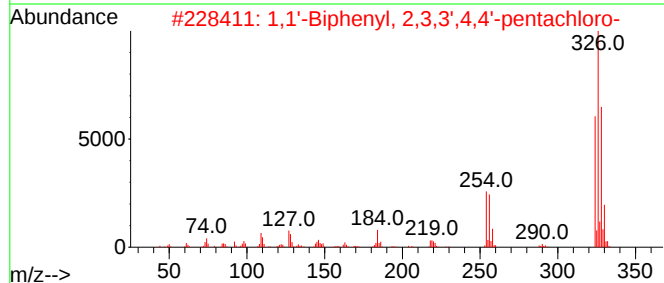
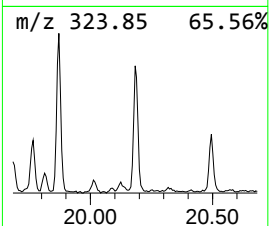
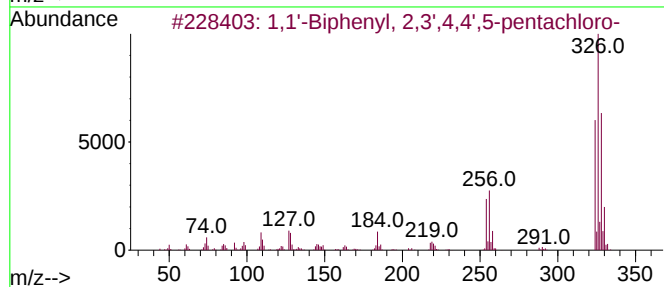
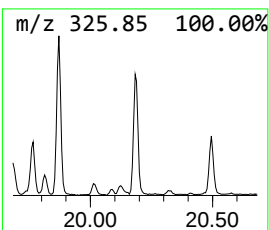
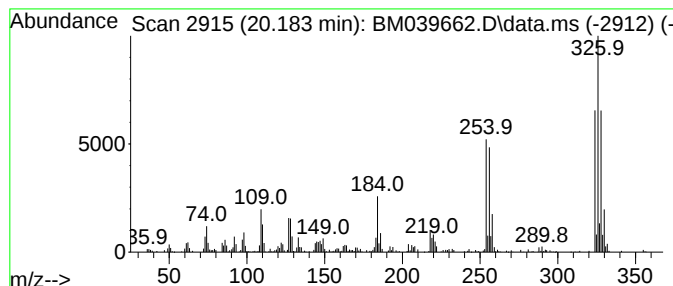
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.183	2.85 ng/ul	303688	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	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99	
3	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99	
4	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99	
5	1,1'-Biphenyl, 2,3,3',4,6-penta...	324	C12H5Cl5	038380-03-9	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
 Data File : BM039662.D
 Acq On : 26 Apr 2023 04:42
 Operator : CG/JU
 Sample : 02419-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW921

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.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
(DEL) Alkane: S...	3.119	19.5	ng/ul	1306340	1	7.807	1341350	20.0
1,1'-Biphenyl, ...	17.395	3.0	ng/ul	355546	4	17.218	2333070	20.0
1,1'-Biphenyl, ...	17.818	14.2	ng/ul	1654850	4	17.218	2333070	20.0
1,1'-Biphenyl, ...	17.948	2.3	ng/ul	263697	4	17.218	2333070	20.0
1,1'-Biphenyl, ...	18.071	2.4	ng/ul	276995	4	17.218	2333070	20.0
1,1'-Biphenyl, ...	18.289	5.2	ng/ul	610236	4	17.218	2333070	20.0
1,1'-Biphenyl, ...	18.348	3.6	ng/ul	422366	4	17.218	2333070	20.0
1,1'-Biphenyl, ...	18.395	2.2	ng/ul	254289	4	17.218	2333070	20.0
1,1'-Biphenyl, ...	18.577	4.7	ng/ul	543002	4	17.218	2333070	20.0
1,1'-Biphenyl, ...	18.754	2.8	ng/ul	326573	4	17.218	2333070	20.0
1,1'-Biphenyl, ...	19.113	4.8	ng/ul	564582	4	17.218	2333070	20.0
1,1'-Biphenyl, ...	19.418	4.6	ng/ul	492556	5	21.412	2129060	20.0
1,1'-Biphenyl, ...	19.871	3.6	ng/ul	381485	5	21.412	2129060	20.0
1,1'-Biphenyl, ...	20.183	2.9	ng/ul	303688	5	21.412	2129060	20.0