

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM-2023\BM-APR-23\BM042523\
 Data File : BM039655.D
 Acq On : 26 Apr 2023 00:29
 Operator : CG/JU
 Sample : AR1242-50PPM
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AR1242-50PPM

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: BM039655.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	42995	39094	1.26%	0.202%
2	3.125	11	15	23	rVB	625177	663825	21.45%	3.436%
3	3.466	69	73	78	rVB	21619	27126	0.88%	0.140%
4	3.954	152	156	163	rVB	17948	29011	0.94%	0.150%
5	4.396	229	231	235	rVB4	5722	5953	0.19%	0.031%
6	4.537	253	255	262	rVB7	2603	4597	0.15%	0.024%
7	6.613	604	608	609	rBV3	2962	3551	0.11%	0.018%
8	7.807	804	811	838	rBV	768660	1547364	49.99%	8.009%
9	8.237	881	884	887	rBV5	2519	3236	0.10%	0.017%
10	8.966	1004	1008	1011	rBV3	3093	5098	0.16%	0.026%
11	9.636	1120	1122	1125	rBV4	2718	4170	0.13%	0.022%
12	10.307	1233	1236	1241	rBV5	1954	3469	0.11%	0.018%
13	10.613	1280	1288	1316	rBV	1068205	2156937	69.68%	11.164%
14	10.948	1341	1345	1349	rVB7	1921	3392	0.11%	0.018%
15	14.466	1936	1943	1962	rBV	1686291	2745973	88.71%	14.212%
16	14.613	1964	1968	1974	rVB4	12242	25191	0.81%	0.130%
17	15.024	2033	2038	2043	rBV8	2330	4431	0.14%	0.023%
18	15.724	2152	2157	2170	rBV	121527	192947	6.23%	0.999%
19	16.171	2228	2233	2239	rBV2	27114	41618	1.34%	0.215%
20	16.336	2256	2261	2271	rBV	53563	83351	2.69%	0.431%
21	16.448	2275	2280	2293	rVV	253633	405007	13.08%	2.096%
22	16.748	2326	2331	2337	rVB	33296	45544	1.47%	0.236%
23	17.095	2384	2390	2393	rBV	329860	472588	15.27%	2.446%
24	17.130	2393	2396	2404	rVV	141365	191878	6.20%	0.993%
25	17.218	2405	2411	2433	rVV	1917135	3095401	100.00%	16.021%
26	17.389	2435	2440	2451	rVB	185867	308769	9.98%	1.598%
27	17.589	2470	2474	2481	rVB9	4298	8120	0.26%	0.042%
28	17.671	2481	2488	2491	rBV	47612	68973	2.23%	0.357%
29	17.707	2491	2494	2503	rVB3	24128	37201	1.20%	0.193%
30	17.818	2506	2513	2524	rBV	349617	768997	24.84%	3.980%
31	17.948	2528	2535	2543	rVV2	207294	347834	11.24%	1.800%
32	18.012	2543	2546	2551	rVV7	11236	18602	0.60%	0.096%
33	18.077	2551	2557	2561	rVV	93806	144573	4.67%	0.748%
34	18.124	2561	2565	2572	rVB4	38523	58374	1.89%	0.302%
35	18.230	2580	2583	2588	rBV4	14125	18757	0.61%	0.097%
36	18.289	2588	2593	2600	rBV2	143031	204650	6.61%	1.059%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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37	18.354	2600	2604	2607	rVV	96894	133246	4.30%	0.690%
38	18.395	2607	2611	2617	rVB	82734	116099	3.75%	0.601%
39	18.577	2637	2642	2647	rBV	133215	201300	6.50%	1.042%
40	18.624	2647	2650	2657	rVB3	48306	67133	2.17%	0.347%
41	18.712	2657	2665	2669	rBV3	53527	138414	4.47%	0.716%
42	18.754	2669	2672	2681	rVV2	94246	135964	4.39%	0.704%
43	18.854	2685	2689	2695	rBV4	28840	43044	1.39%	0.223%
44	19.065	2721	2725	2729	rBV	66924	92463	2.99%	0.479%
45	19.118	2729	2734	2737	rVV	127742	201173	6.50%	1.041%
46	19.153	2737	2740	2748	rVV	115117	185656	6.00%	0.961%
47	19.224	2749	2752	2757	rVB6	10553	16516	0.53%	0.085%
48	19.371	2771	2777	2783	rBV2	55175	137800	4.45%	0.713%
49	19.418	2783	2785	2793	rVV5	42093	64769	2.09%	0.335%
50	19.489	2793	2797	2803	rVB5	18265	28636	0.93%	0.148%
51	19.689	2828	2831	2835	rVB5	13201	15460	0.50%	0.080%
52	19.765	2841	2844	2849	rBV6	17335	26198	0.85%	0.136%
53	19.877	2859	2863	2867	rBV	30034	38525	1.24%	0.199%
54	20.189	2914	2916	2923	rVB6	21941	26711	0.86%	0.138%
55	21.418	3119	3125	3141	rBV	1243540	2150478	69.47%	11.130%
56	23.777	3520	3526	3543	rVB2	736358	1715982	55.44%	8.881%

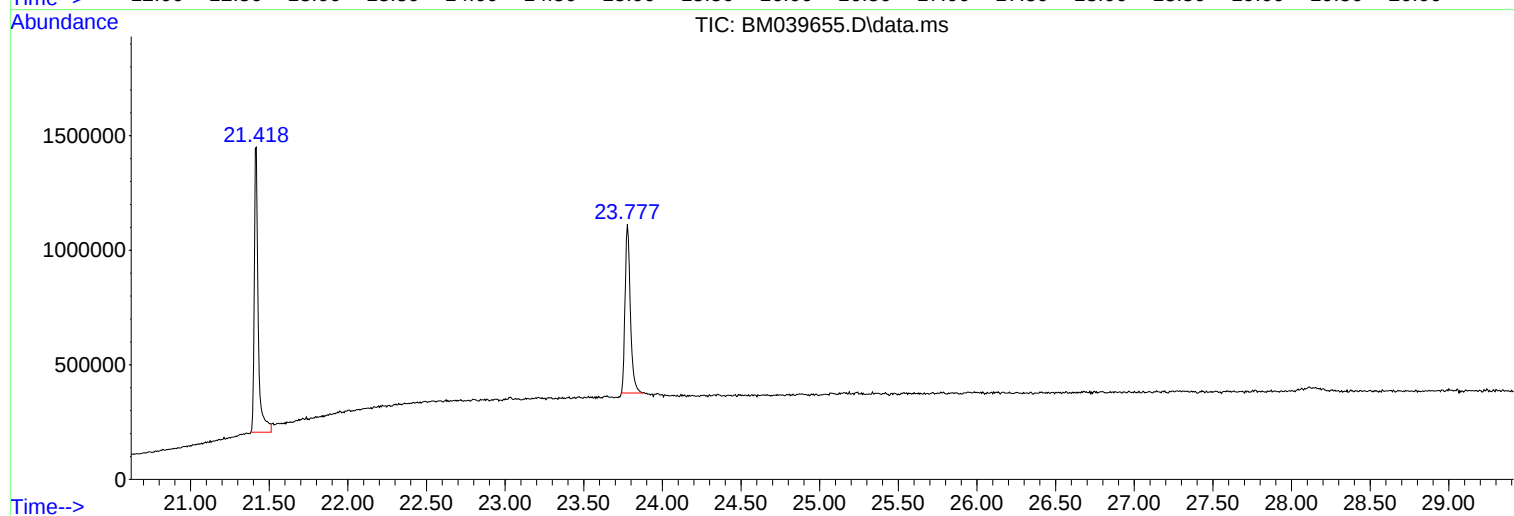
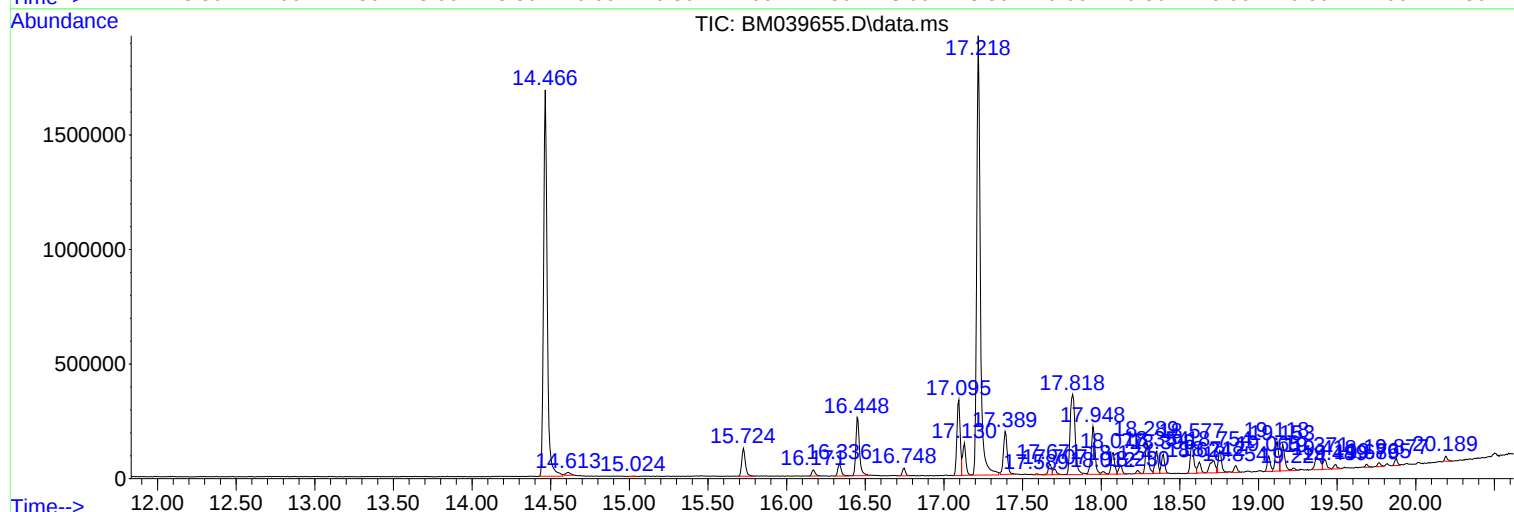
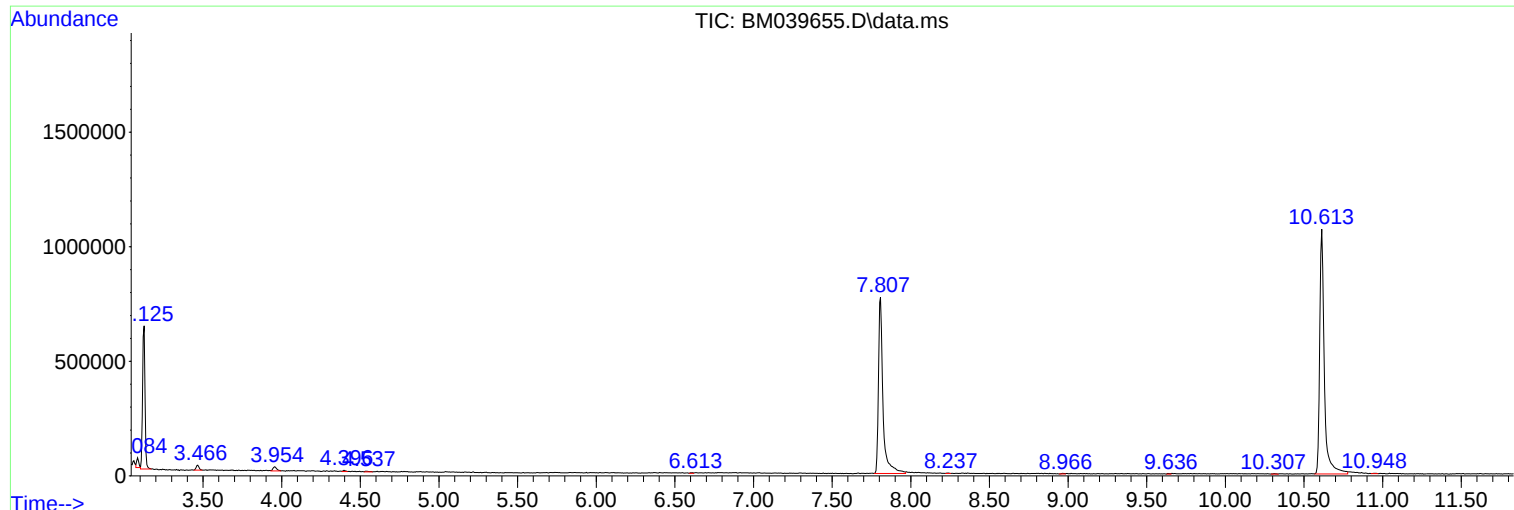
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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



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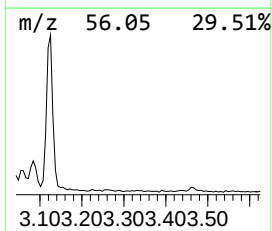
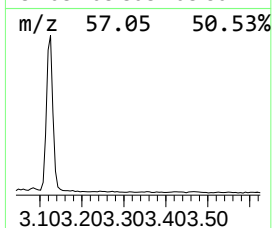
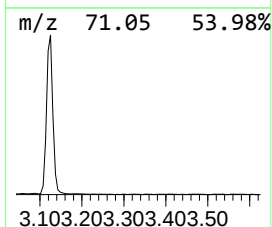
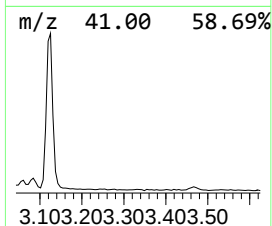
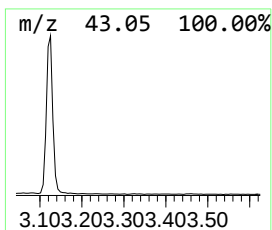
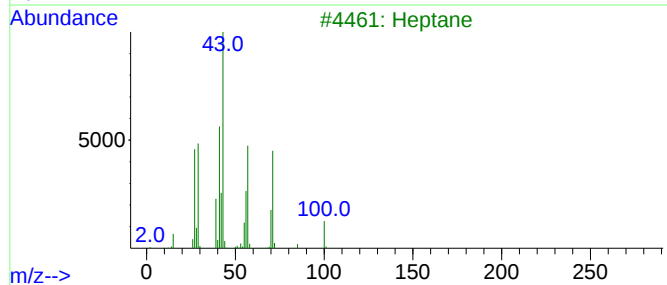
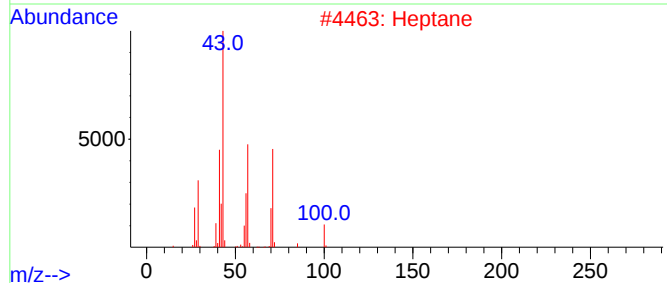
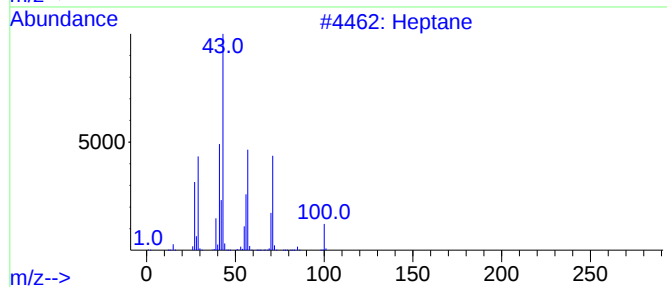
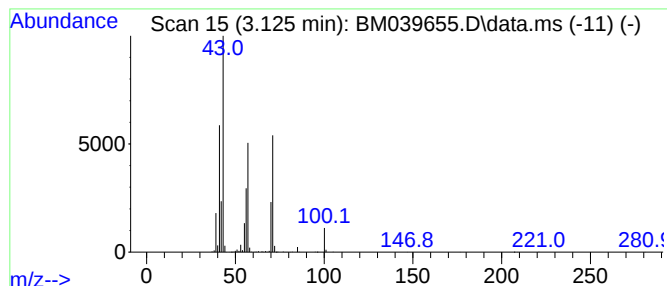
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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.
3.125	8.58 ng/ul	663825	1,4-Dichlorobenzene-d4	7.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	94
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	45



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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
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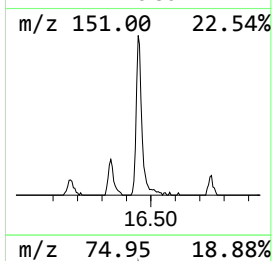
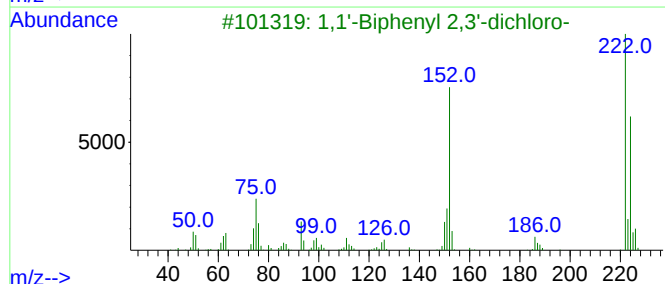
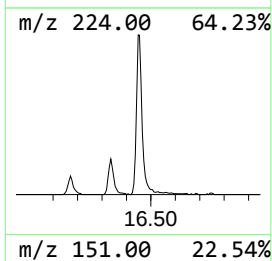
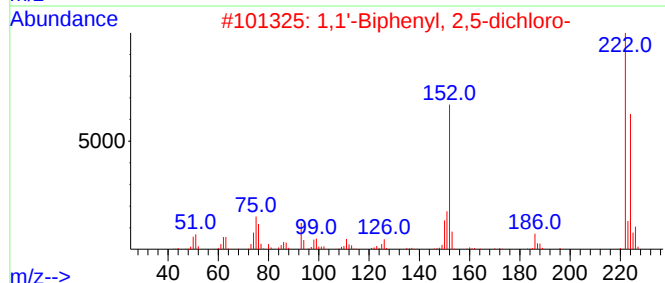
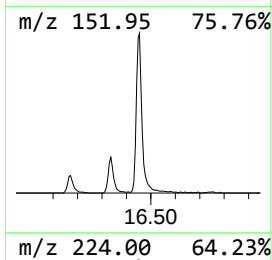
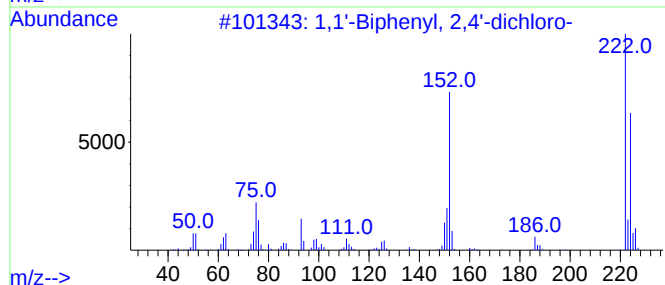
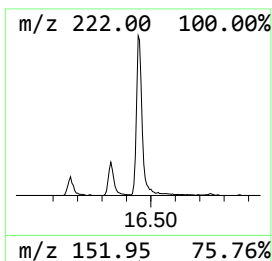
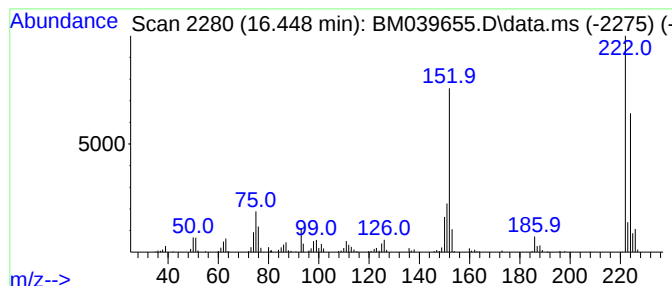
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.448	2.62 ng/ul	405007	Phenanthrene-d10	17.218

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4'-dichloro-			222	C12H8Cl2	034883-43-7	99
2	1,1'-Biphenyl, 2,5-dichloro-			222	C12H8Cl2	034883-39-1	99
3	1,1'-Biphenyl 2,3'-dichloro-			222	C12H8Cl2	025569-80-6	99
4	1,1'-Biphenyl, 3,4-dichloro-			222	C12H8Cl2	002974-92-7	99
5	1,1'-Biphenyl, 4,4'-dichloro-			222	C12H8Cl2	002050-68-2	99



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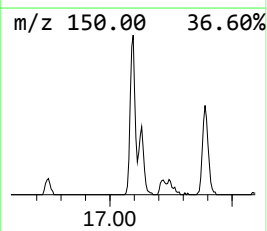
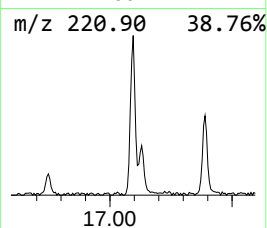
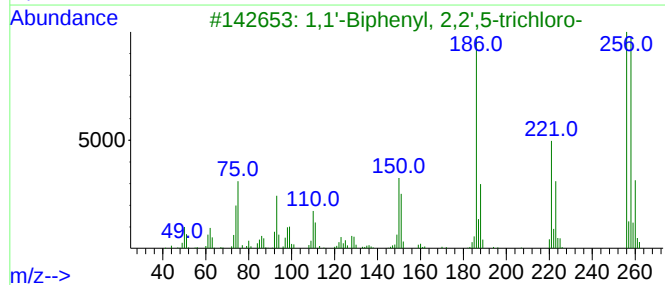
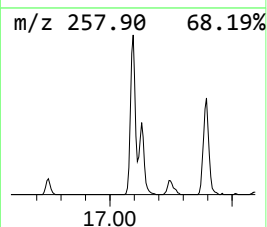
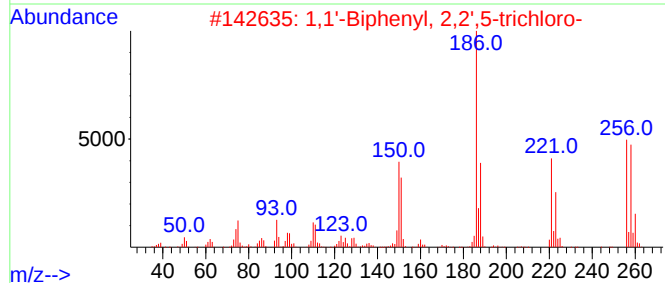
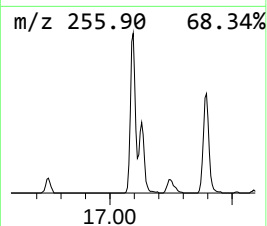
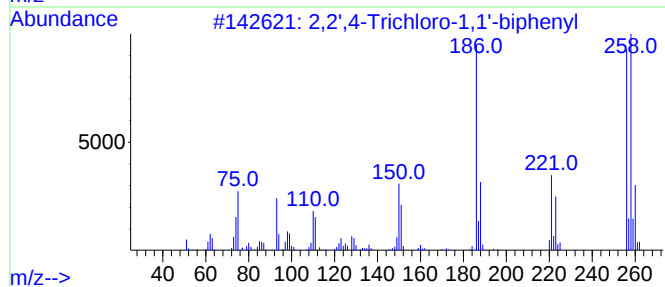
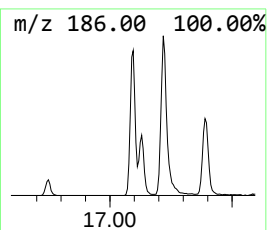
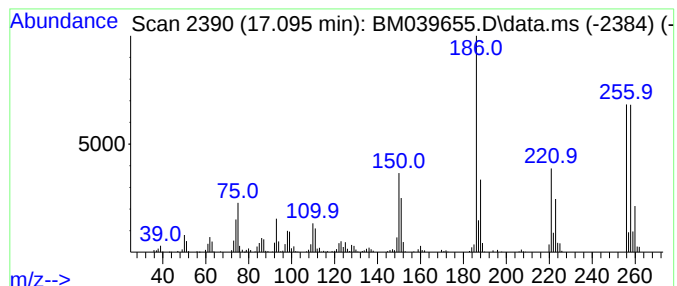
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 2,2',4-Trichloro-1,1'-biphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.095	3.05 ng/ul	472588	Phenanthrene-d10	17.218

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	99		
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99		
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99		
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99		
5	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	99		



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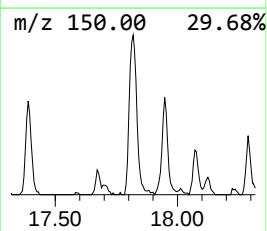
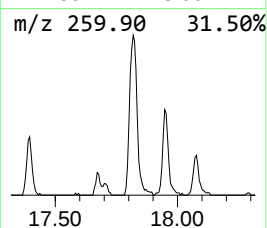
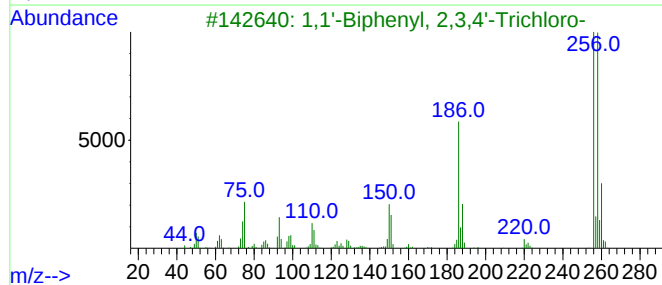
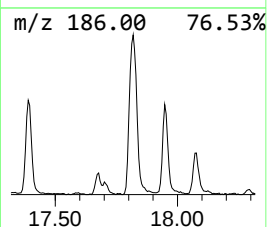
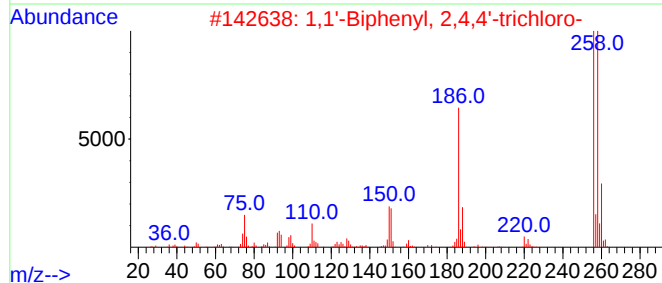
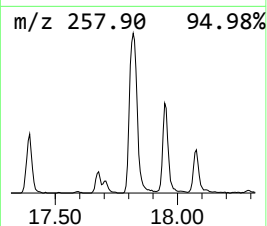
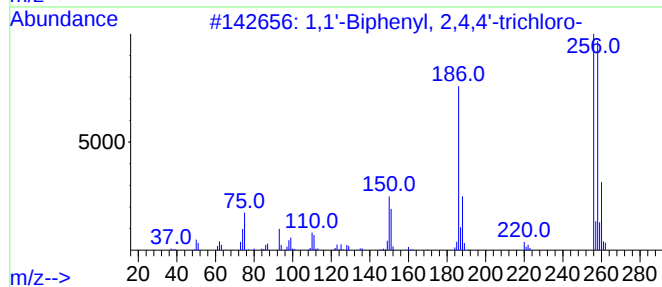
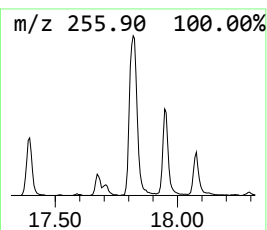
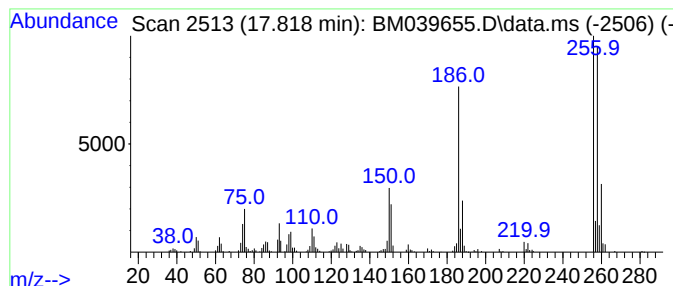
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.818	4.97 ng/ul	768997	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, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
5	1,1'-Biphenyl, 2,3,5-trichloro-	256	C12H7Cl3	038444-81-4	99		



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ClientSampleId :
AR1242-50PPM

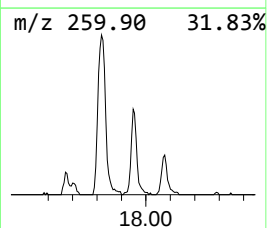
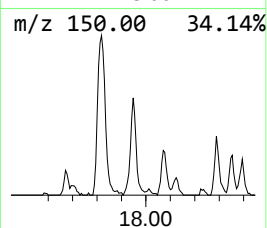
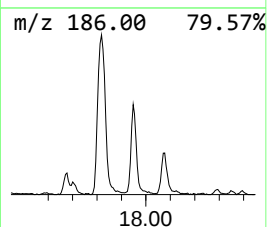
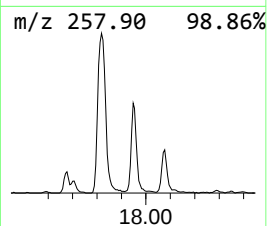
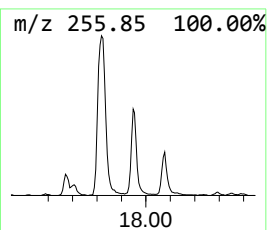
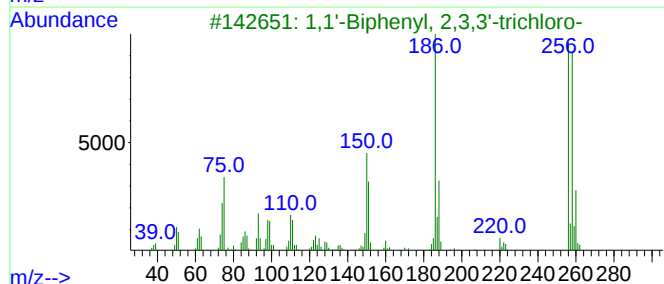
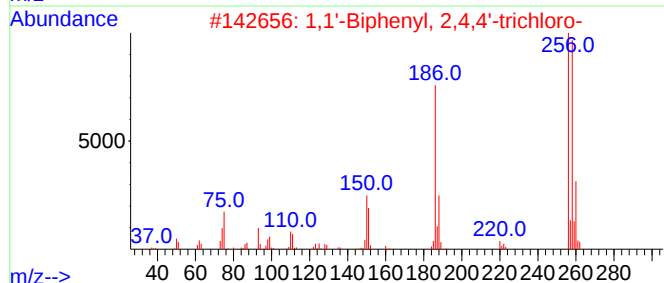
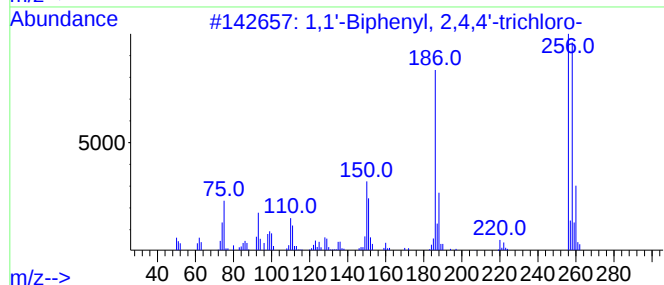
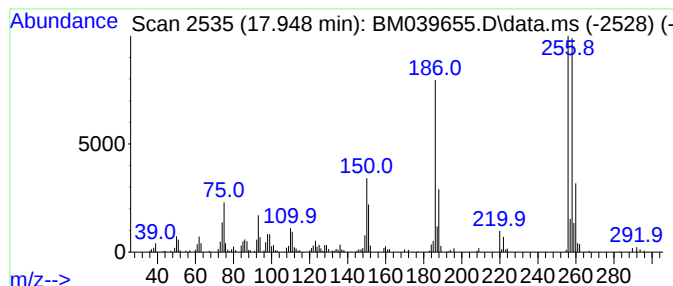
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.948	2.25 ng/ul	347834	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, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM-2023\BM-APR-23\BM042523\
Data File : BM039655.D
Acq On : 26 Apr 2023 00:29
Operator : CG/JU
Sample : AR1242-50PPM
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
AR1242-50PPM

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...	3.125	8.6	ng/ul	663825	1	7.807	1547360	20.0
1,1'-Biphenyl, ...	16.448	2.6	ng/ul	405007	4	17.218	3095400	20.0
2,2',4-Trichlor...	17.095	3.0	ng/ul	472588	4	17.218	3095400	20.0
1,1'-Biphenyl, ...	17.818	5.0	ng/ul	768997	4	17.218	3095400	20.0
1,1'-Biphenyl, ...	17.948	2.3	ng/ul	347834	4	17.218	3095400	20.0