

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
 Data File : BP014275.D
 Acq On : 24 Mar 2023 01:33
 Operator : CG/JU
 Sample : 01989-02
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E0238

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_P\Methods\SFAM-EPA-BP030723.M
 Title : SVOA CALIBRATION

Signal : TIC: BP014275.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	3	5	7	rVB	23884	20260	0.70%	0.105%
2	3.240	7	9	12	rVV4	8455	9659	0.34%	0.050%
3	3.270	12	14	16	rVV	15968	13686	0.48%	0.071%
4	3.311	16	21	35	rVB	714831	998418	34.74%	5.161%
5	3.634	73	76	77	rBV3	3259	3282	0.11%	0.017%
6	3.664	77	81	87	rVB	22890	33582	1.17%	0.174%
7	3.893	115	120	121	rBV5	3691	4397	0.15%	0.023%
8	4.158	161	165	167	rVB4	5537	6000	0.21%	0.031%
9	4.893	287	290	295	rVB7	1657	3008	0.10%	0.016%
10	5.311	352	361	371	rBV	109882	189053	6.58%	0.977%
11	7.240	685	689	693	rVB6	1929	3523	0.12%	0.018%
12	7.781	778	781	787	rBV8	2836	4780	0.17%	0.025%
13	8.034	815	824	842	rBV	207172	381219	13.26%	1.971%
14	9.563	1077	1084	1092	rBV	7417	17898	0.62%	0.093%
15	9.781	1118	1121	1123	rBV3	2342	3345	0.12%	0.017%
16	9.869	1130	1136	1142	rBV4	12097	24457	0.85%	0.126%
17	10.857	1294	1304	1321	rBV	270232	533509	18.56%	2.758%
18	12.581	1590	1597	1605	rBV2	28385	42794	1.49%	0.221%
19	12.746	1617	1625	1632	rVB	13114	21299	0.74%	0.110%
20	12.881	1645	1648	1652	rVB4	3446	4831	0.17%	0.025%
21	13.498	1747	1753	1755	rBV7	2579	4624	0.16%	0.024%
22	14.681	1946	1954	1969	rBV	559092	925199	32.19%	4.783%
23	15.175	2035	2038	2045	rVB9	3956	6575	0.23%	0.034%
24	15.510	2093	2095	2099	rBV5	2954	3643	0.13%	0.019%
25	15.934	2165	2167	2168	rBV2	3297	3193	0.11%	0.017%
26	16.139	2196	2202	2207	rBV5	25162	47311	1.65%	0.245%
27	16.192	2208	2211	2219	rVV9	9261	19998	0.70%	0.103%
28	16.257	2219	2222	2227	rVV7	3341	4207	0.15%	0.022%
29	16.375	2238	2242	2244	rBV5	4549	7025	0.24%	0.036%
30	16.663	2286	2291	2297	rBV	18770	29364	1.02%	0.152%
31	16.928	2333	2336	2338	rBV3	4304	5252	0.18%	0.027%
32	16.957	2338	2341	2347	rVB4	12262	17158	0.60%	0.089%
33	17.116	2365	2368	2374	rBV8	6723	11040	0.38%	0.057%
34	17.304	2395	2400	2404	rBV	256558	368072	12.81%	1.903%
35	17.345	2404	2407	2413	rVB	69968	92446	3.22%	0.478%
36	17.439	2416	2423	2428	rBV	938217	1442509	50.19%	7.457%

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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_P\Methods\SFAM-EPA-BP030723.M
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37	17.604	2446	2451	2458	rVB2	128471	193892	6.75%	1.002%
38	17.881	2492	2498	2502	rBV5	32086	53172	1.85%	0.275%
39	18.016	2515	2521	2535	rBV	427025	865179	30.10%	4.472%
40	18.151	2537	2544	2550	rVV3	193641	341060	11.87%	1.763%
41	18.216	2551	2555	2560	rVB3	24070	29905	1.04%	0.155%
42	18.269	2560	2564	2569	rBV	110503	144182	5.02%	0.745%
43	18.322	2569	2573	2578	rVB	81080	106488	3.71%	0.550%
44	18.422	2587	2590	2594	rBV2	35996	46873	1.63%	0.242%
45	18.475	2594	2599	2604	rVV	470994	609737	21.22%	3.152%
46	18.533	2605	2609	2613	rVV	290168	381236	13.27%	1.971%
47	18.575	2613	2616	2623	rVB	235497	285058	9.92%	1.474%
48	18.751	2641	2646	2650	rBV	443088	566558	19.71%	2.929%
49	18.798	2650	2654	2659	rVV	133208	180592	6.28%	0.934%
50	18.857	2659	2664	2666	rVV	49274	71289	2.48%	0.369%
51	18.886	2666	2669	2672	rVV	131838	177515	6.18%	0.918%
52	18.922	2672	2675	2681	rVB	278975	338720	11.79%	1.751%
53	19.022	2688	2692	2699	rVB2	95047	192335	6.69%	0.994%
54	19.163	2713	2716	2720	rBV5	13443	14629	0.51%	0.076%
55	19.216	2721	2725	2729	rBV	218213	270635	9.42%	1.399%
56	19.269	2729	2734	2737	rVV	477876	672235	23.39%	3.475%
57	19.304	2737	2740	2746	rVV2	429148	556172	19.35%	2.875%
58	19.375	2749	2752	2756	rVB5	31816	36761	1.28%	0.190%
59	19.439	2759	2763	2768	rVV	67036	86177	3.00%	0.445%
60	19.510	2768	2775	2781	rVV	225989	489730	17.04%	2.532%
61	19.563	2781	2784	2790	rVV	191732	250480	8.72%	1.295%
62	19.628	2791	2795	2799	rVB3	74264	95308	3.32%	0.493%
63	19.816	2825	2827	2833	rVB3	53979	69145	2.41%	0.357%
64	19.892	2834	2840	2845	rBV3	107380	180404	6.28%	0.933%
65	19.939	2846	2848	2852	rVV2	37596	41064	1.43%	0.212%
66	19.998	2852	2858	2862	rBV2	148649	220879	7.69%	1.142%
67	20.251	2898	2901	2906	rBV5	59501	76157	2.65%	0.394%
68	20.304	2906	2910	2916	rVB	90400	109241	3.80%	0.565%
69	20.380	2920	2923	2927	rVV2	56958	68668	2.39%	0.355%
70	20.522	2944	2947	2953	rBV5	59844	68778	2.39%	0.356%
71	20.604	2959	2961	2968	rVB5	59415	69178	2.41%	0.358%
72	20.804	2992	2995	2999	rBV	172689	223603	7.78%	1.156%
73	21.516	3111	3116	3120	rBV	1687377	2442333	84.98%	12.625%
74	21.551	3120	3122	3127	rVB4	413913	539164	18.76%	2.787%
75	24.033	3538	3544	3559	rVB	1350311	2873887	100.00%	14.856%

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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_P\Methods\SFAM-EPA-BP030723.M
Title : SVOA CALIBRATION

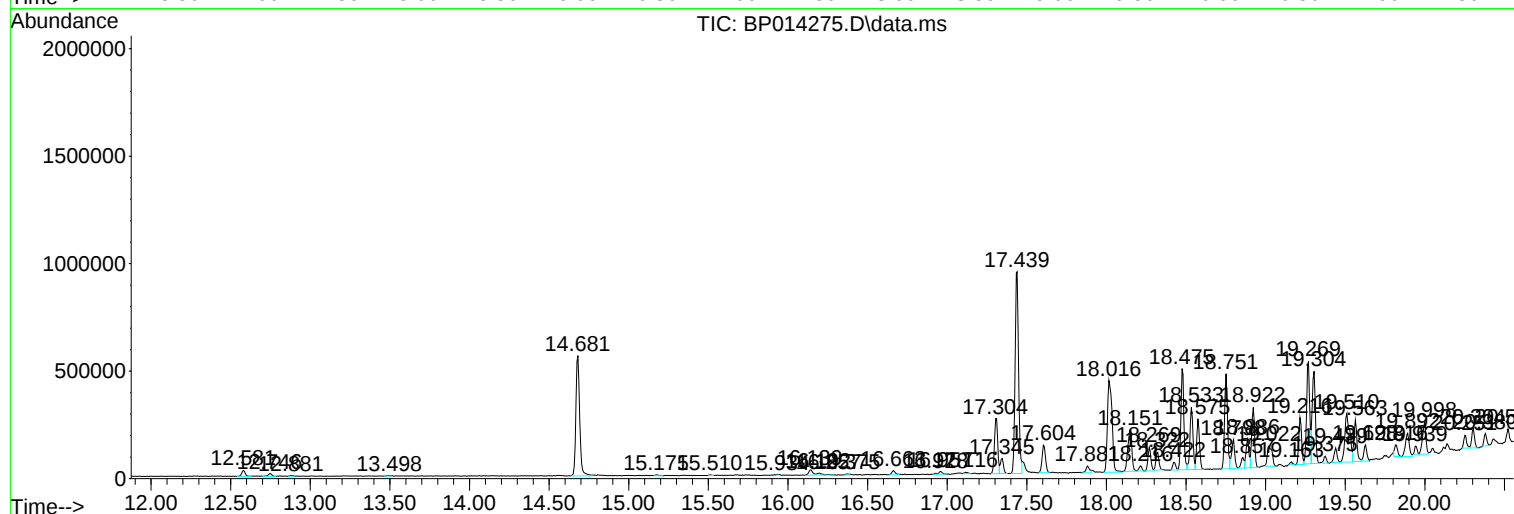
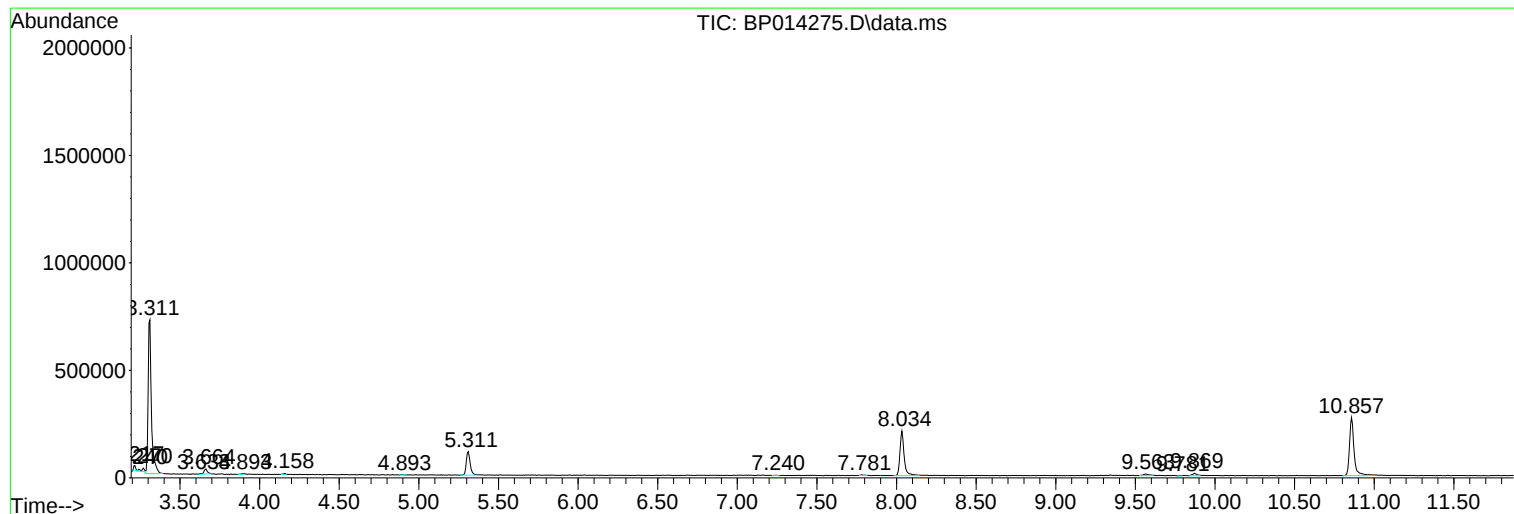
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
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Acq On : 24 Mar 2023 01:33
Operator : CG/JU
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Instrument :
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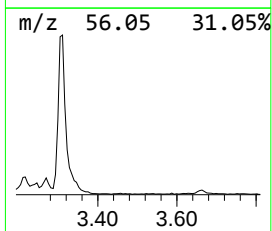
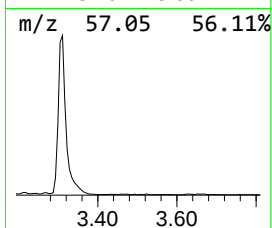
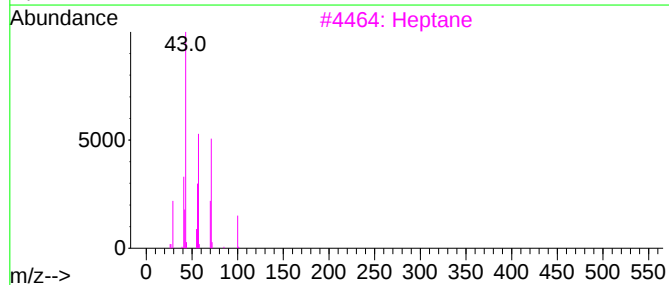
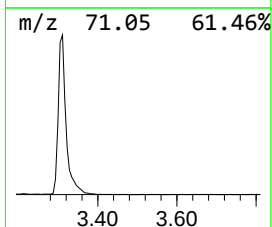
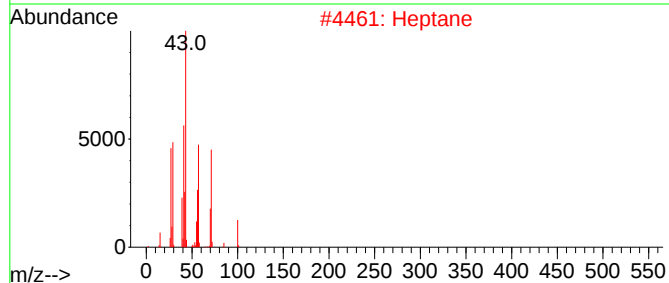
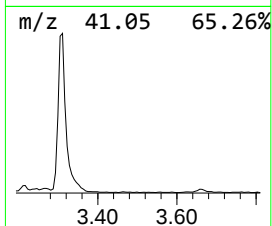
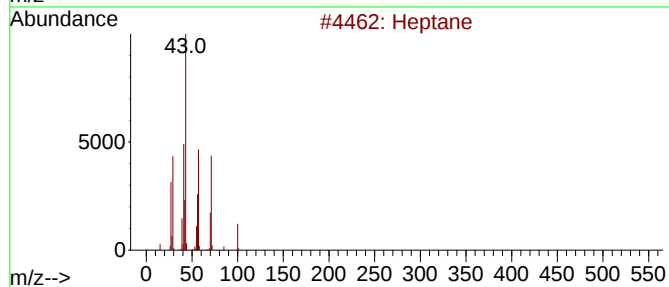
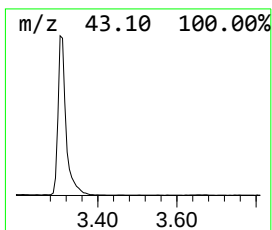
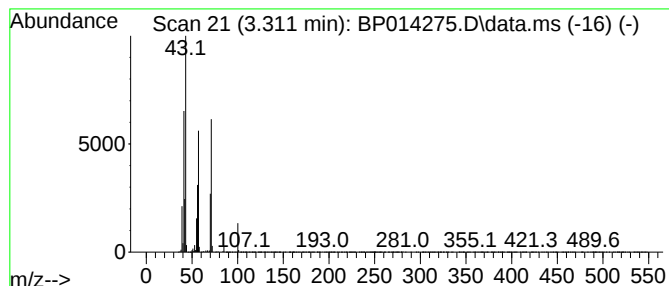
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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.
3.311	52.38 ng/ul	998418	1,4-Dichlorobenzene-d4	8.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	90
2			Heptane	100	C7H16	000142-82-5	87
3			Heptane	100	C7H16	000142-82-5	87
4			Heptane	100	C7H16	000142-82-5	87
5			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	40



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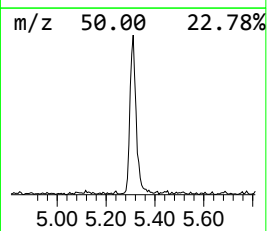
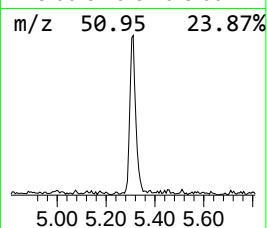
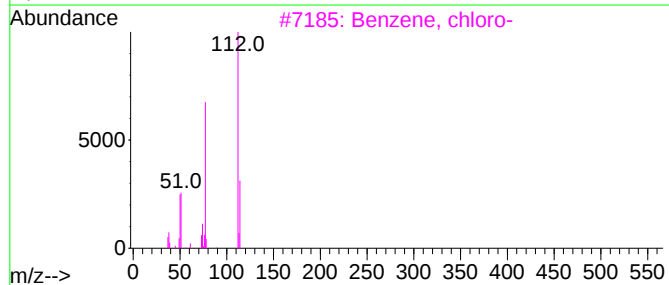
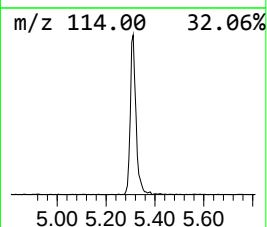
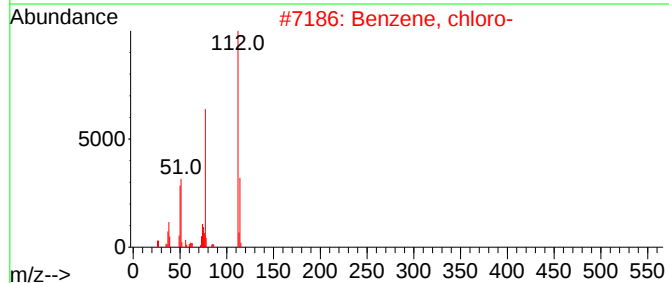
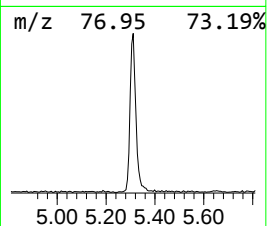
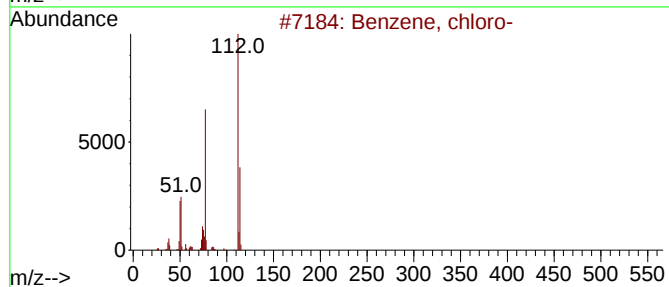
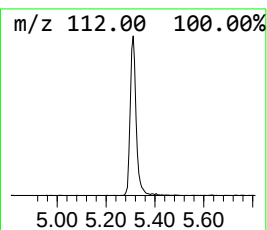
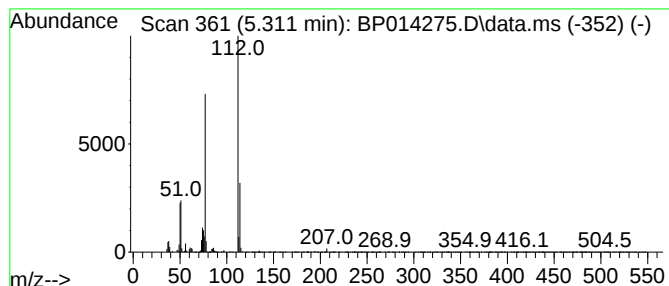
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.311	9.92 ng/ul	189053	1,4-Dichlorobenzene-d4	8.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2			Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3			Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4			Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5			Benzene, chloro-	112	C6H5Cl	000108-90-7	94



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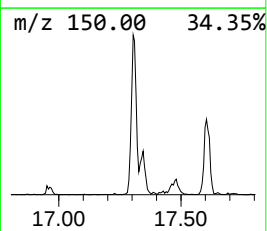
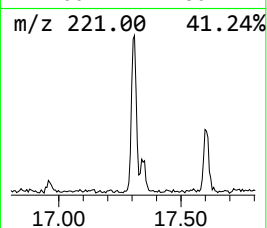
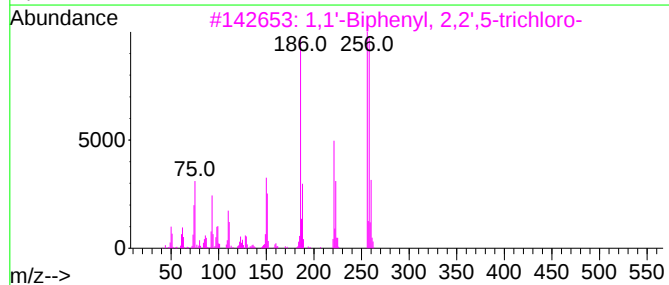
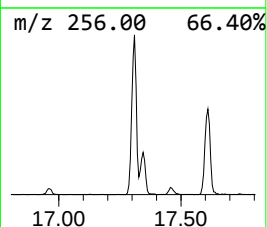
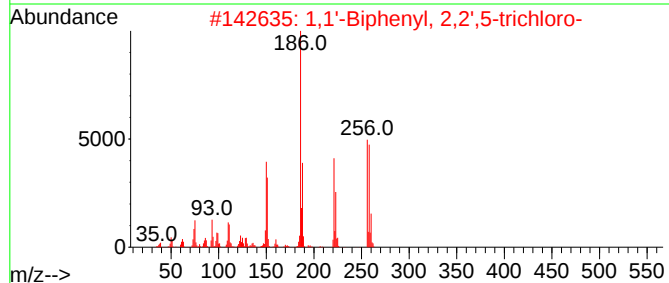
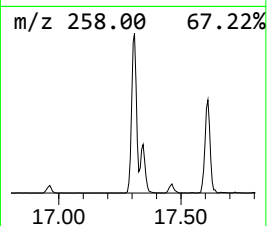
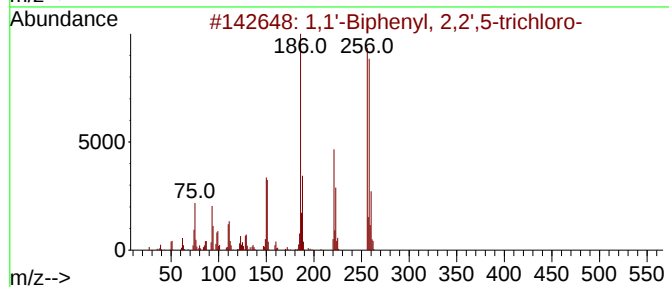
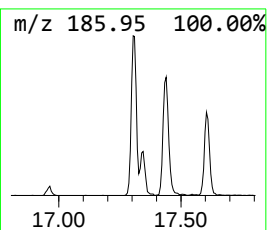
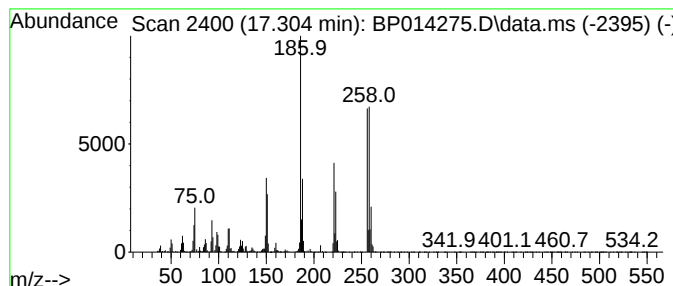
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.304	5.10 ng/ul	368072	Phenanthrene-d10	17.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99		
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99		
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99		
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
5	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	99		



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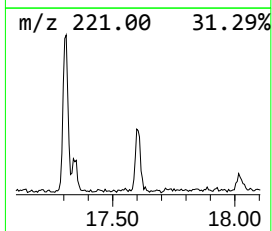
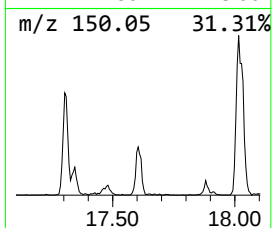
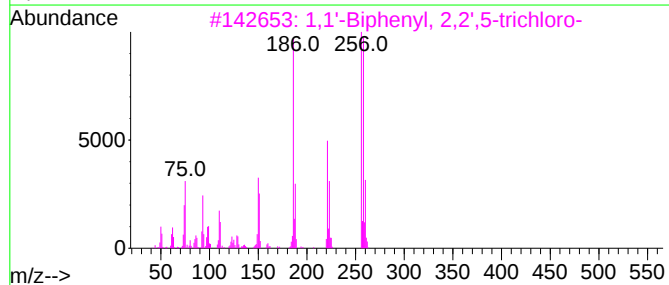
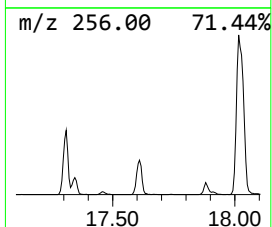
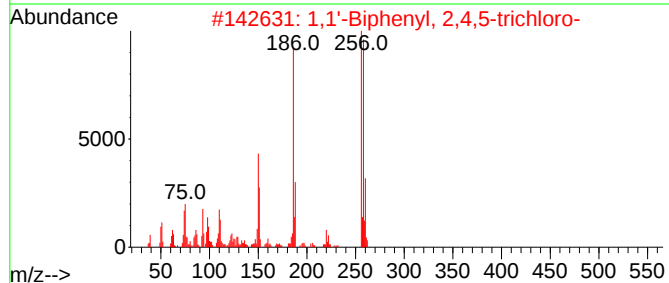
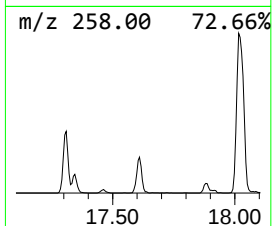
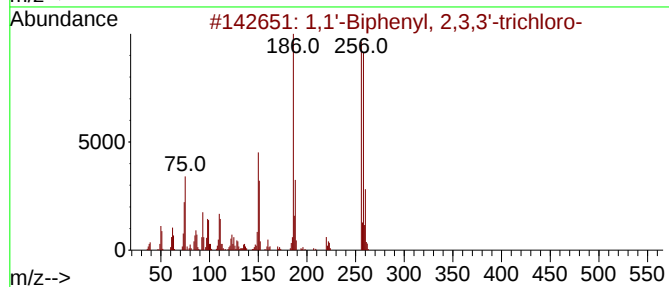
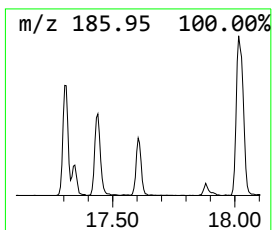
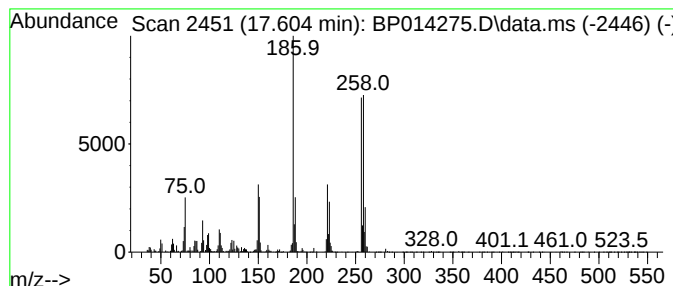
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BNA_P
ClientSampleId :
E0238

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.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 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.604	2.69 ng/ul	193892	Phenanthrene-d10	17.439	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
2	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014275.D
Acq On : 24 Mar 2023 01:33
Operator : CG/JU
Sample : 01989-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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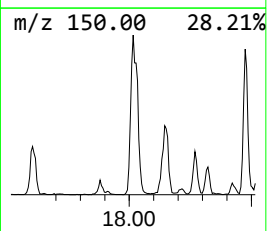
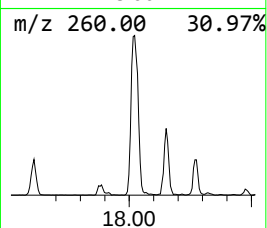
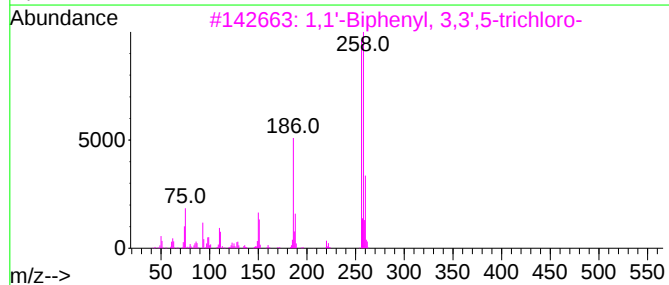
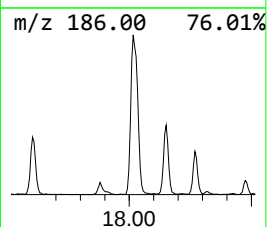
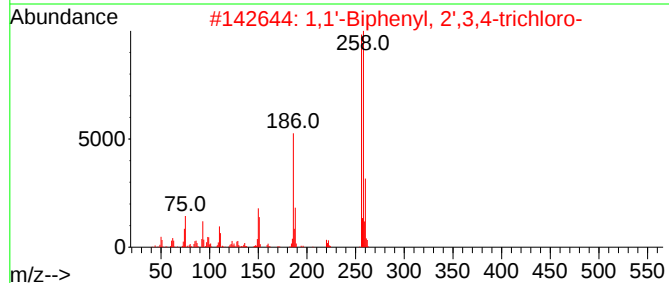
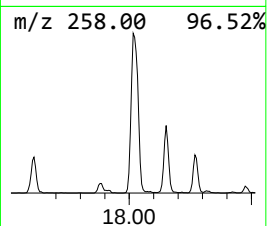
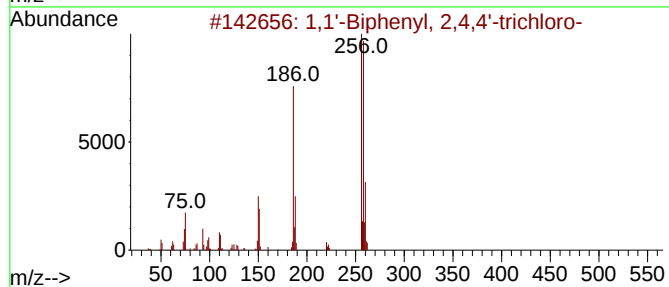
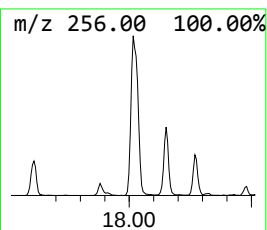
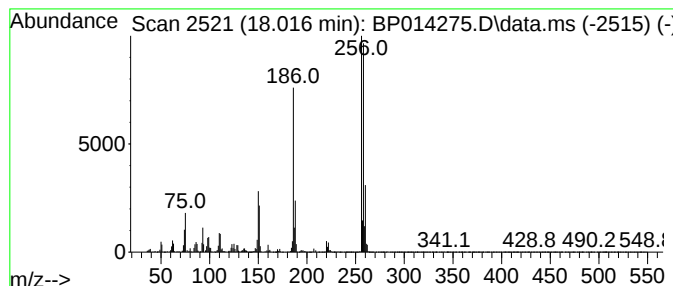
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	12.00 ng/ul	865179	Phenanthrene-d10	17.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99		
3	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99		
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99		
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014275.D
Acq On : 24 Mar 2023 01:33
Operator : CG/JU
Sample : 01989-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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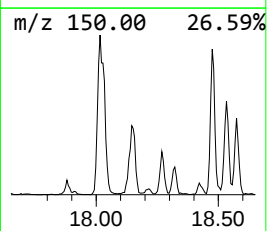
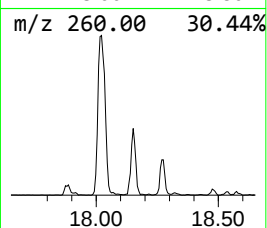
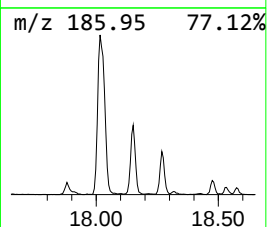
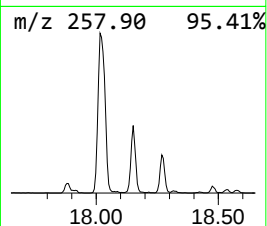
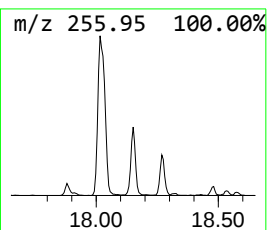
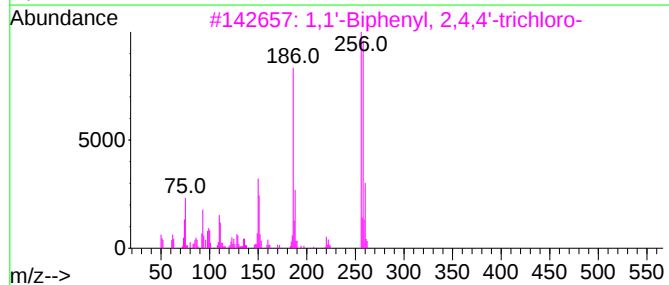
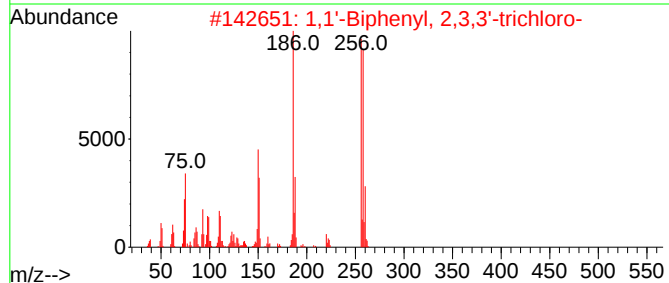
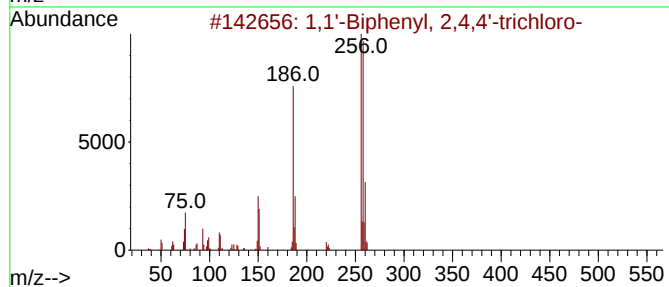
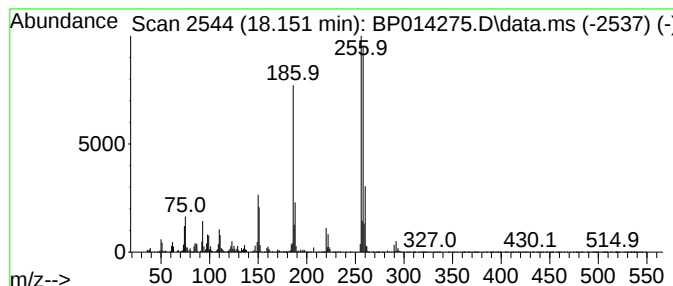
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,3,4-trichl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	4.73 ng/ul	341060	Phenanthrene-d10	17.439

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, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99		
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014275.D
Acq On : 24 Mar 2023 01:33
Operator : CG/JU
Sample : 01989-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

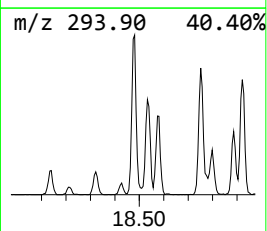
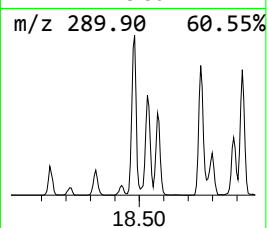
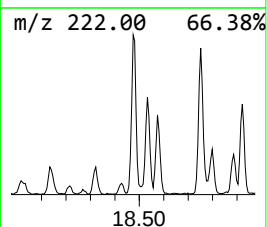
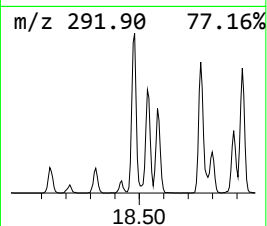
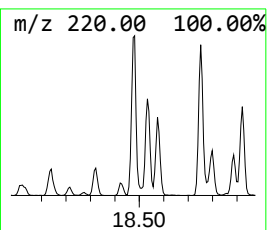
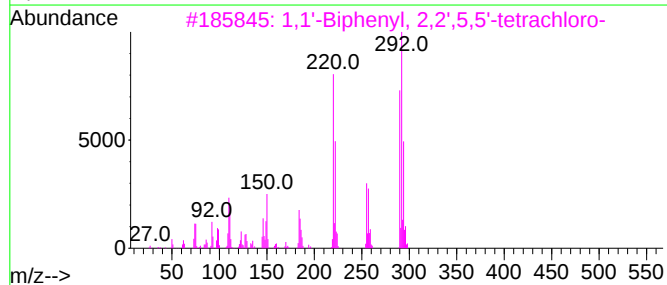
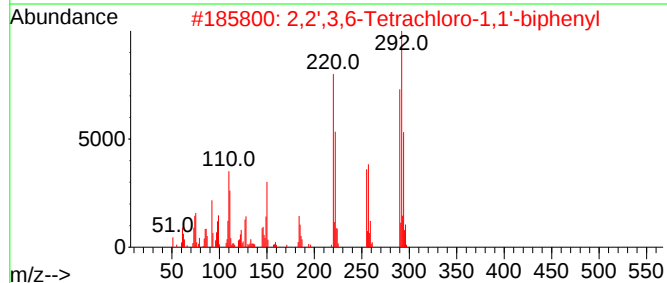
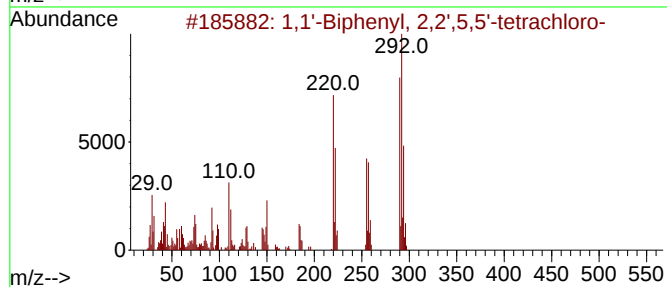
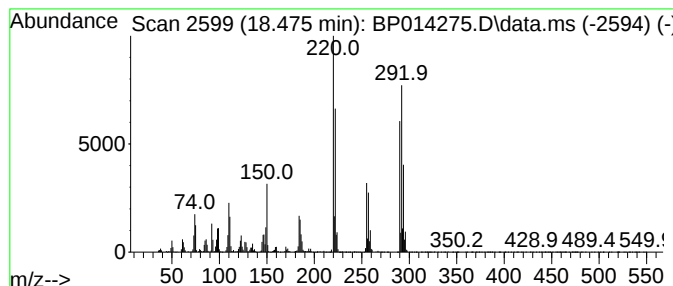
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.475	8.45 ng/ul	609737	Phenanthrene-d10	17.439	
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',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014275.D
Acq On : 24 Mar 2023 01:33
Operator : CG/JU
Sample : 01989-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0238

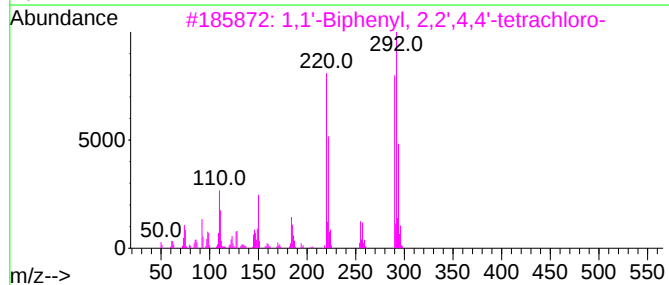
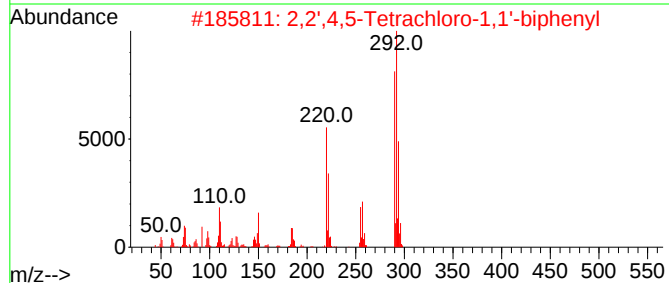
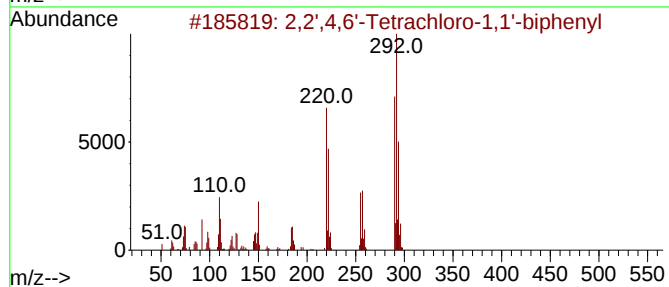
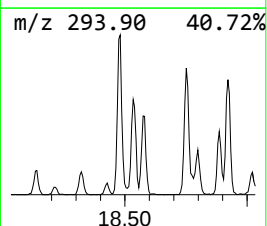
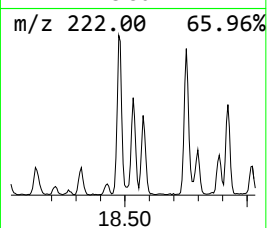
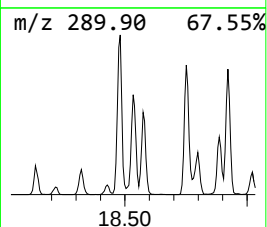
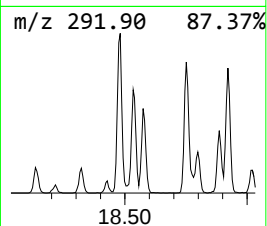
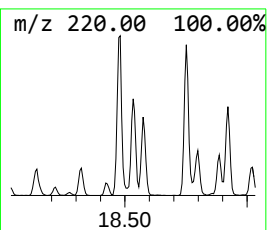
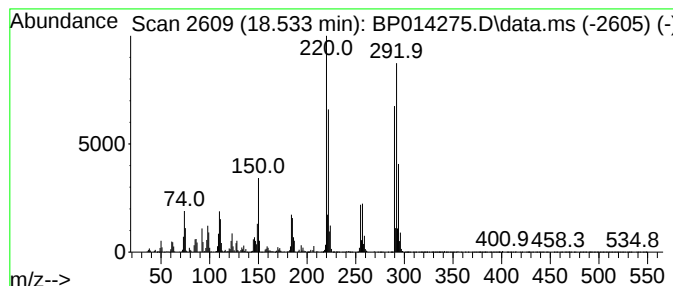
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.534	5.29 ng/ul	381236	Phenanthrene-d10	17.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99		
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99		
3	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	290	C12H6Cl4	002437-79-8	99		
4	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	290	C12H6Cl4	002437-79-8	99		
5	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	290	C12H6Cl4	041464-40-8	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014275.D
Acq On : 24 Mar 2023 01:33
Operator : CG/JU
Sample : 01989-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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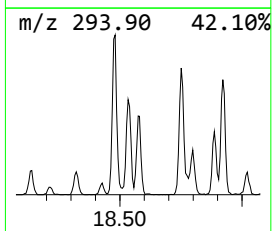
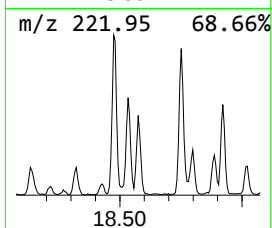
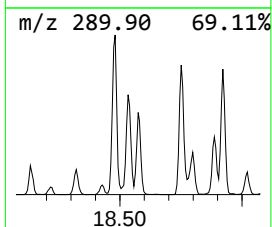
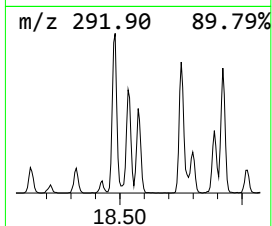
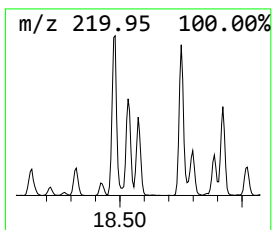
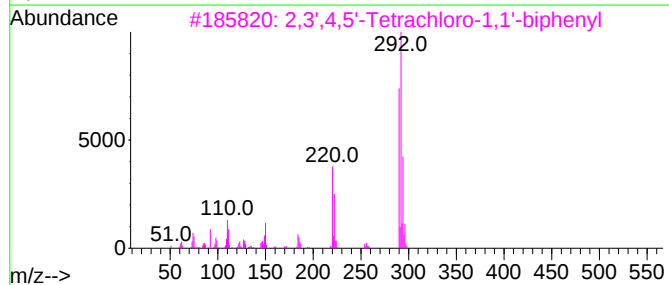
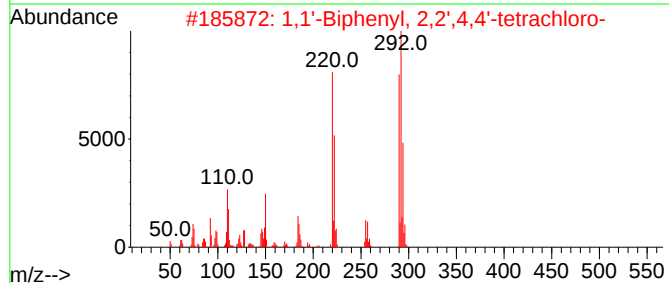
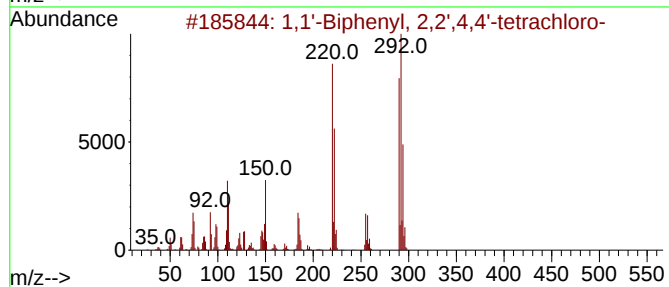
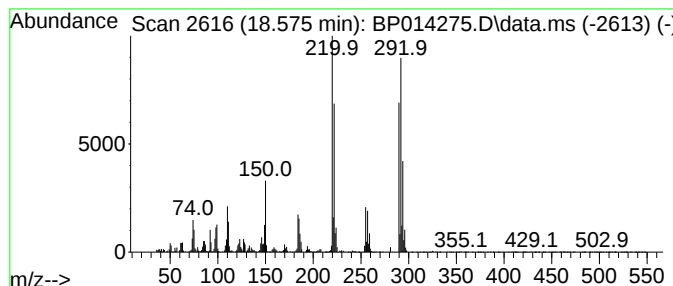
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.575	3.95 ng/ul	285058	Phenanthrene-d10		17.439

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4		002437-79-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4		002437-79-8	99
3	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4		073575-52-7	99
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4		041464-48-6	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4		015968-05-5	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
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Acq On : 24 Mar 2023 01:33
Operator : CG/JU
Sample : 01989-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

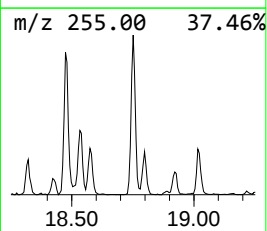
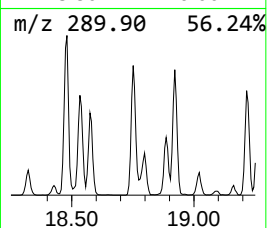
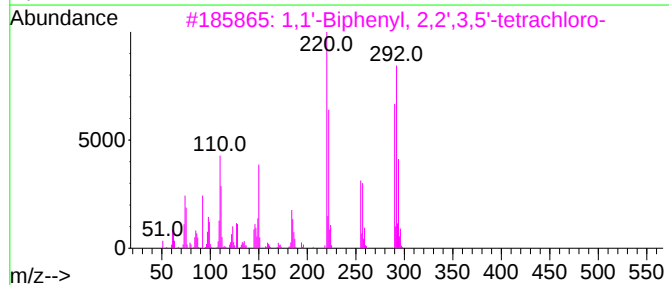
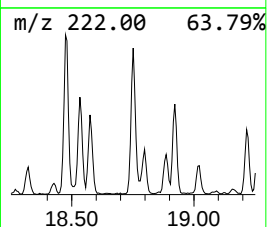
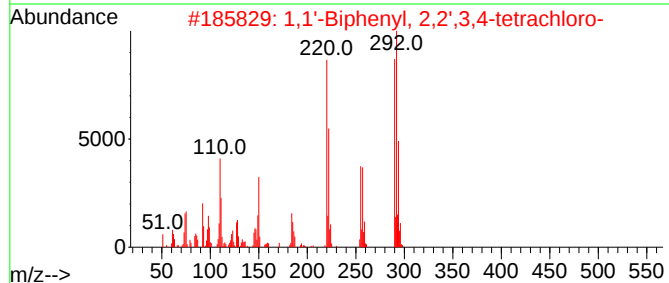
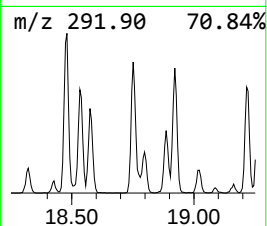
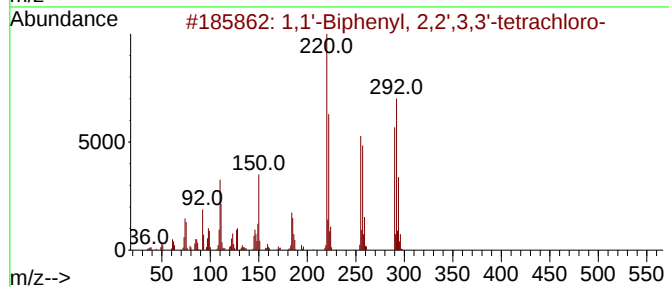
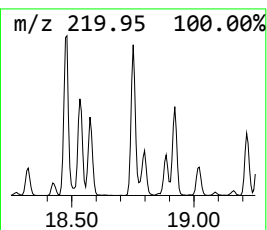
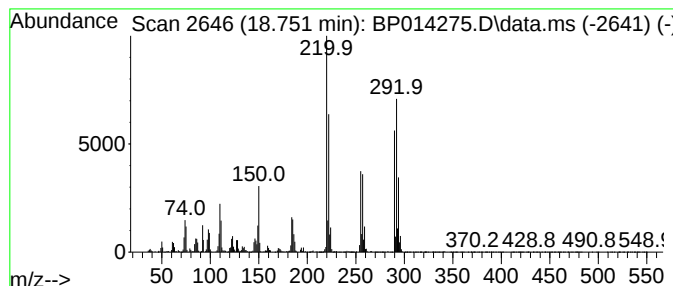
Instrument :
BNA_P
ClientSampleId :
E0238

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.751	7.86 ng/ul	566558	Phenanthrene-d10	17.439		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3'-tetrachl...	290	C12H6Cl4	038444-93-8	99	
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99	
3	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99	
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99	
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014275.D
Acq On : 24 Mar 2023 01:33
Operator : CG/JU
Sample : 01989-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

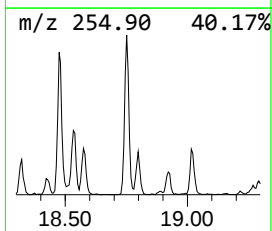
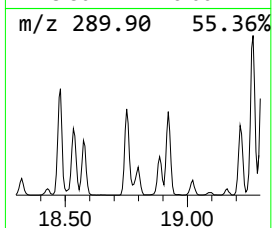
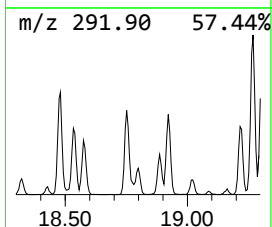
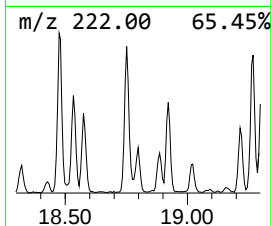
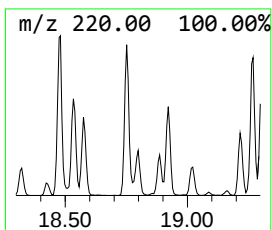
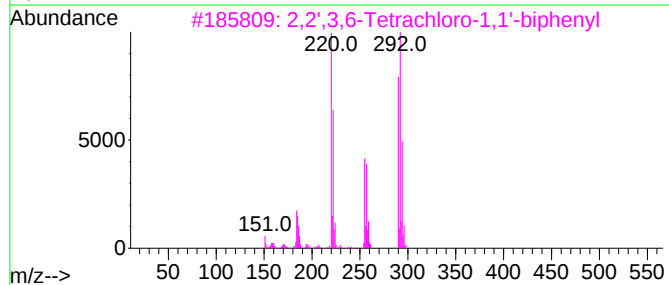
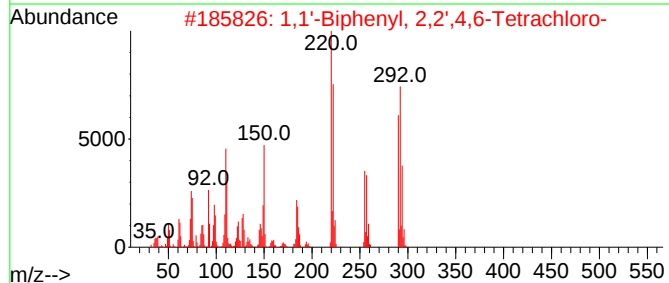
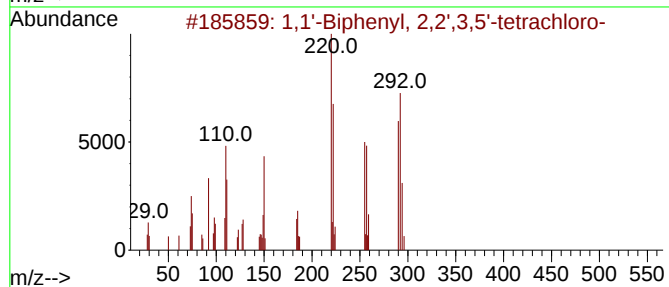
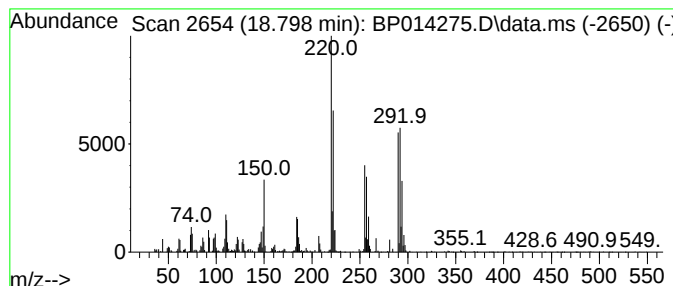
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BNA_P
ClientSampleId :
E0238

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,2',3,5'-te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.798	2.50 ng/ul	180592	Phenanthrene-d10	17.439	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	98
4	1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	96
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014275.D
Acq On : 24 Mar 2023 01:33
Operator : CG/JU
Sample : 01989-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0238

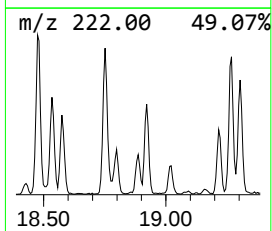
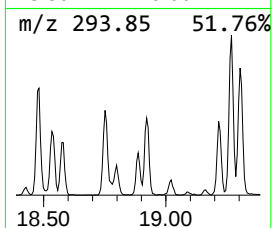
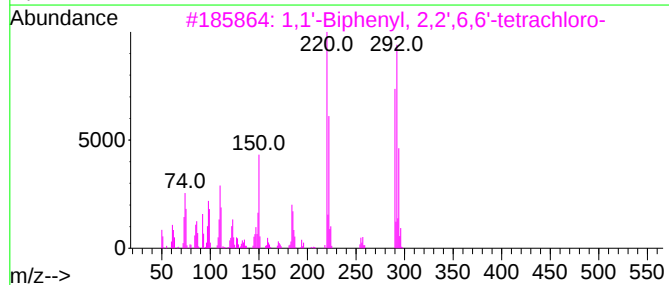
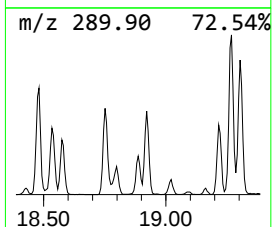
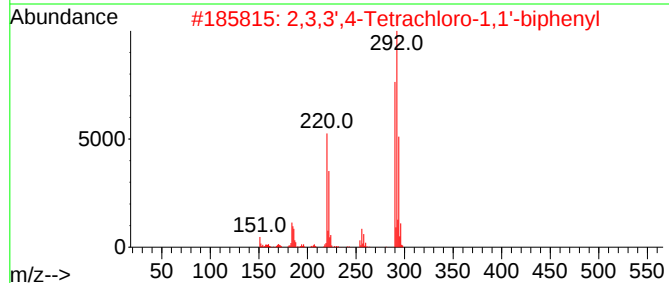
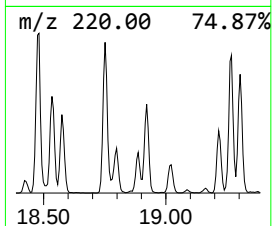
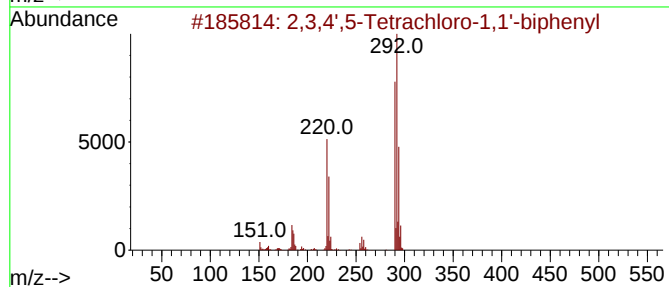
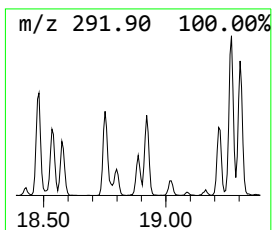
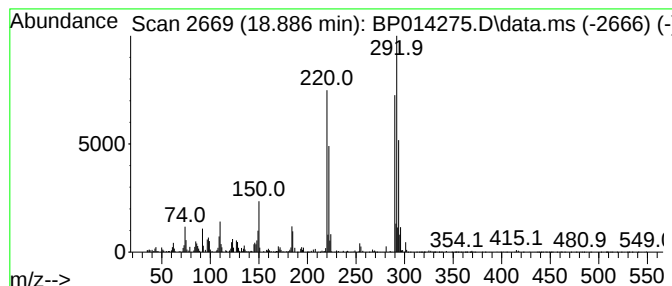
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 2,3,4',5-Tetrachloro-1,1'-b... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.886	2.46 ng/ul	177515	Phenanthrene-d10	17.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99		
2	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	98		
3	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	290	C12H6Cl4	015968-05-5	98		
4	1,1'-Biphenyl, 3,3',4,5'-tetrachloro-	290	C12H6Cl4	041464-48-6	98		
5	1,1'-Biphenyl, 2,3,4,4'-tetrachloro-	290	C12H6Cl4	033025-41-1	98		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014275.D
Acq On : 24 Mar 2023 01:33
Operator : CG/JU
Sample : 01989-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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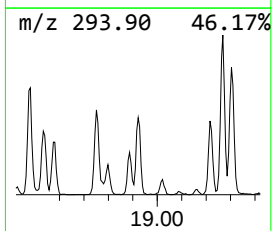
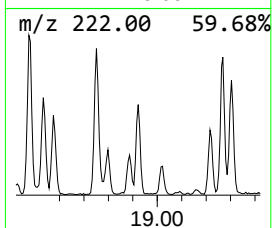
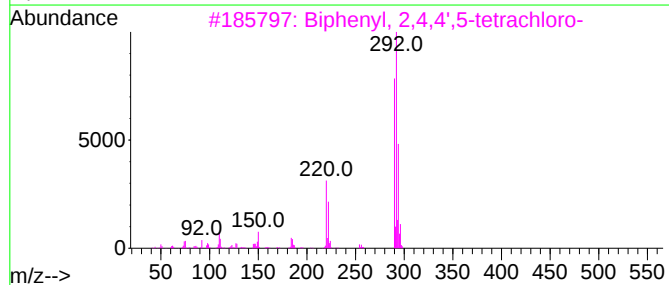
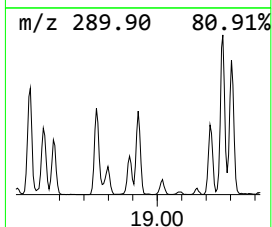
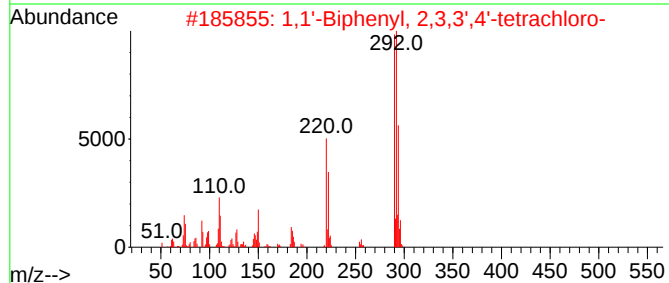
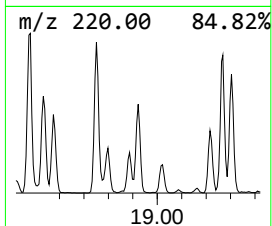
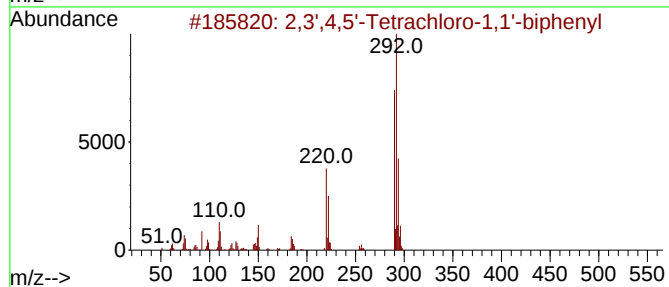
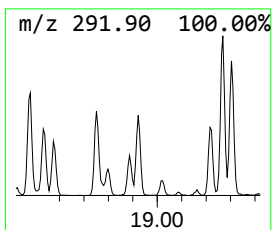
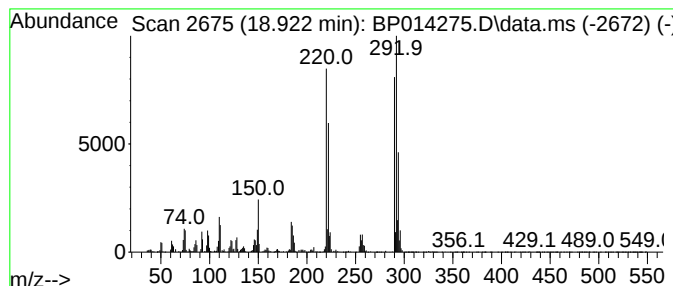
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.922	4.70 ng/ul	338720	Phenanthrene-d10	17.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99		
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99		
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99		
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99		
5	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014275.D
Acq On : 24 Mar 2023 01:33
Operator : CG/JU
Sample : 01989-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

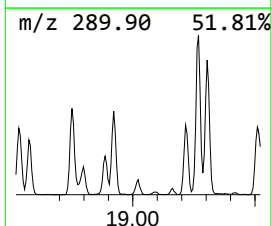
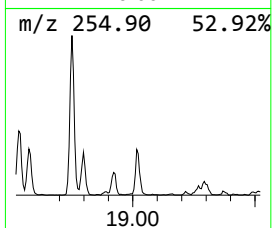
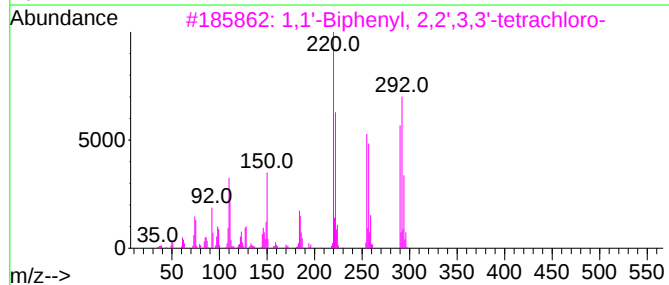
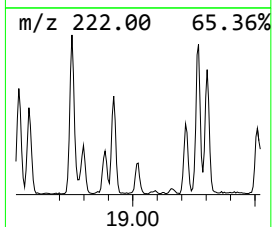
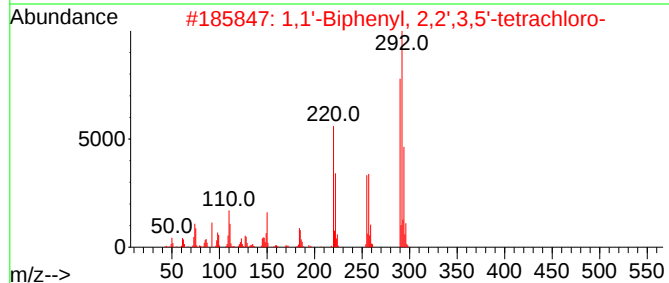
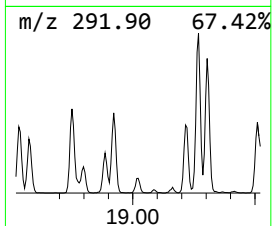
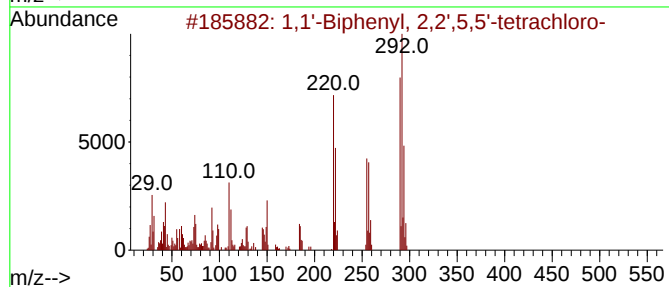
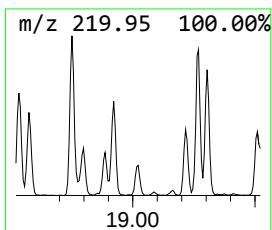
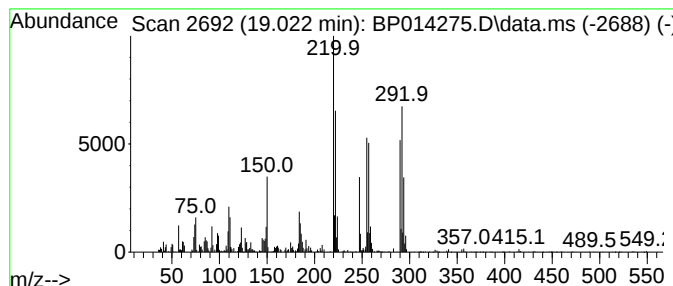
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.022	2.67 ng/ul	192335	Phenanthrene-d10	17.439	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,2',3,5'-tetrachloro-	290	C12H6Cl4	041464-39-5	99
3	1,1'-Biphenyl, 2,2',3,3'-tetrachloro-	290	C12H6Cl4	038444-93-8	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	1,1'-Biphenyl, 2,2',3,6'-tetrachloro-	290	C12H6Cl4	041464-47-5	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014275.D
Acq On : 24 Mar 2023 01:33
Operator : CG/JU
Sample : 01989-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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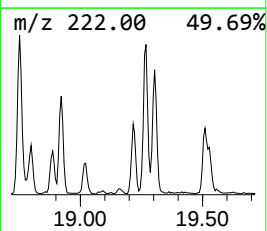
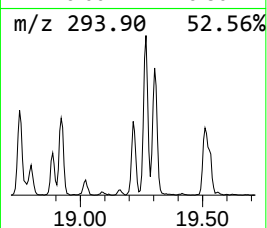
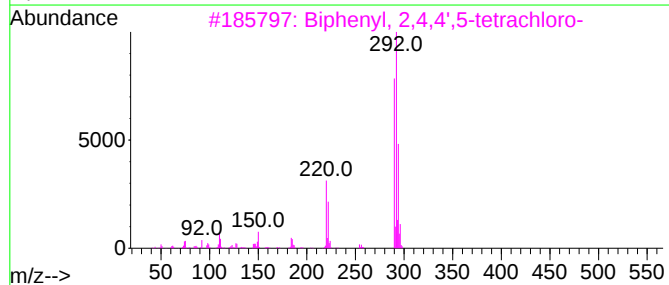
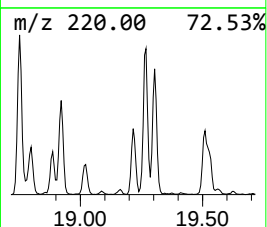
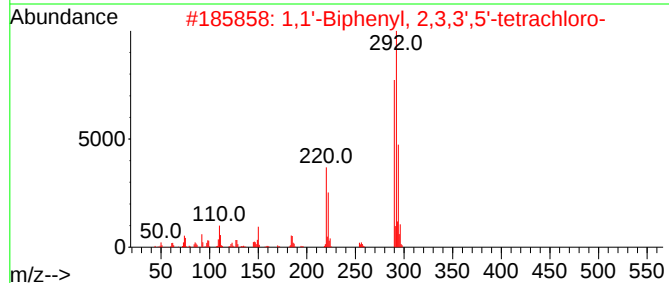
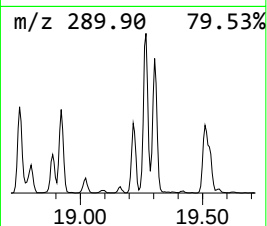
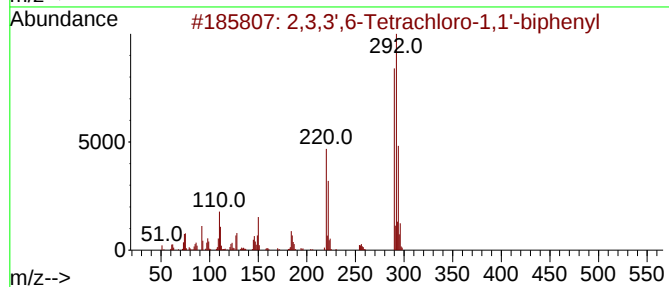
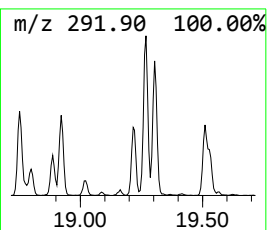
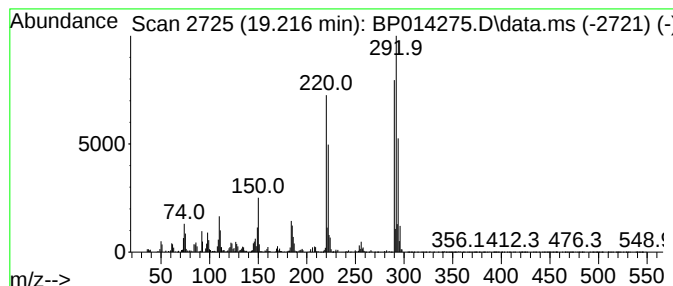
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.216	3.75 ng/ul	270635	Phenanthrene-d10	17.439

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99	
2	1,1'-Biphenyl, 2,3,3',5'-tetrachloro-	290	C12H6Cl4	041464-49-7	99	
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99	
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99	
5	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
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Acq On : 24 Mar 2023 01:33
Operator : CG/JU
Sample : 01989-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

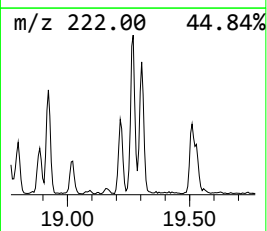
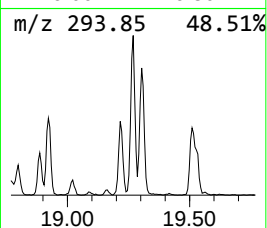
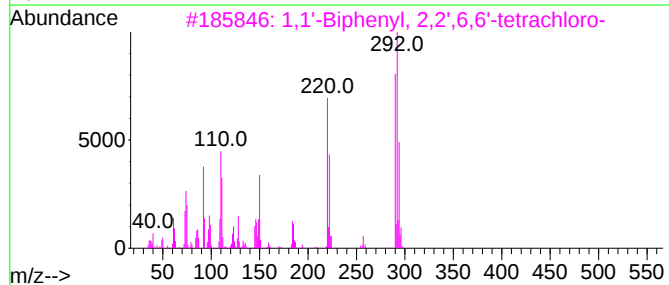
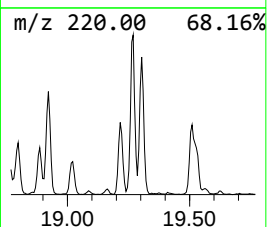
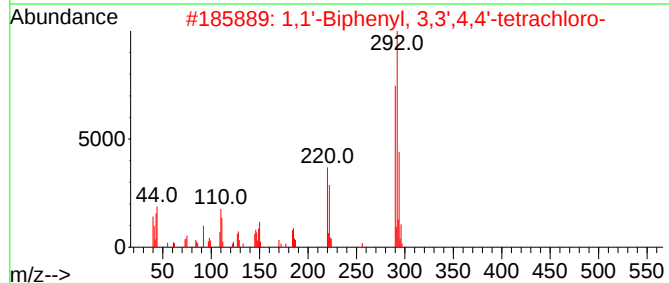
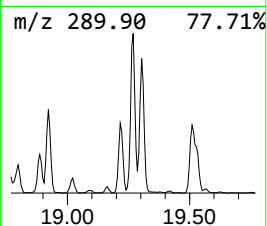
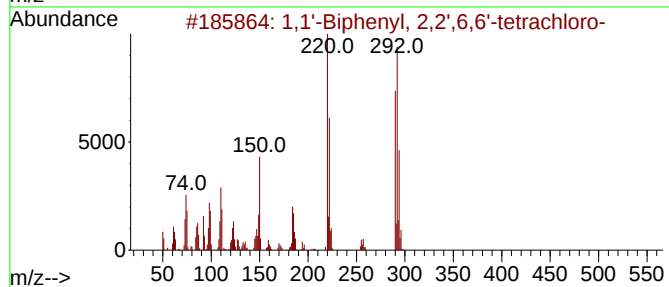
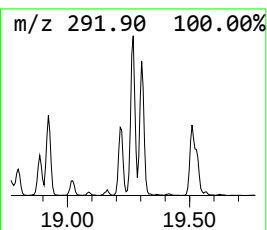
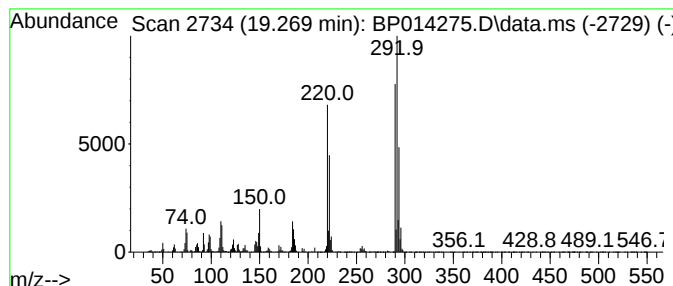
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.269	9.32 ng/ul	672235	Phenanthrene-d10	17.439	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014275.D
Acq On : 24 Mar 2023 01:33
Operator : CG/JU
Sample : 01989-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0238

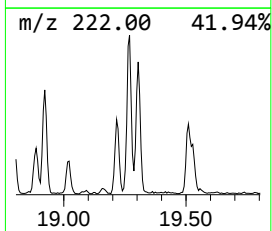
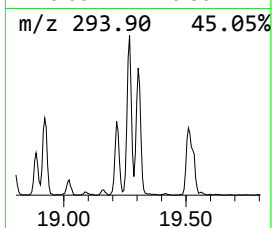
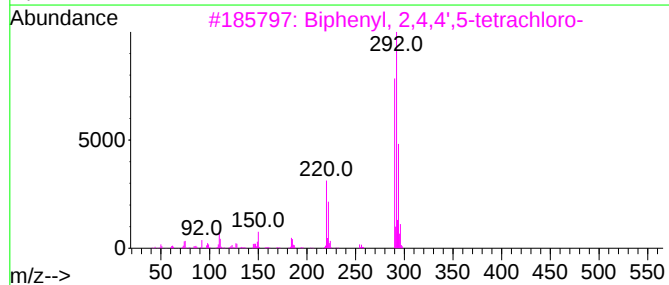
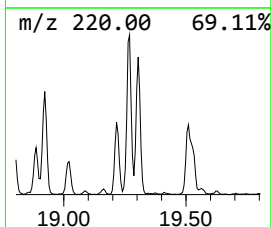
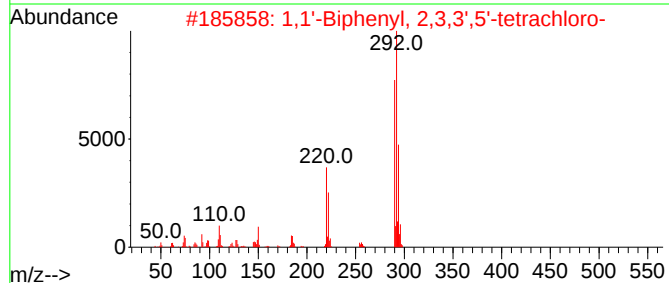
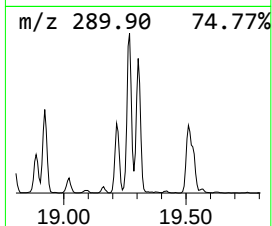
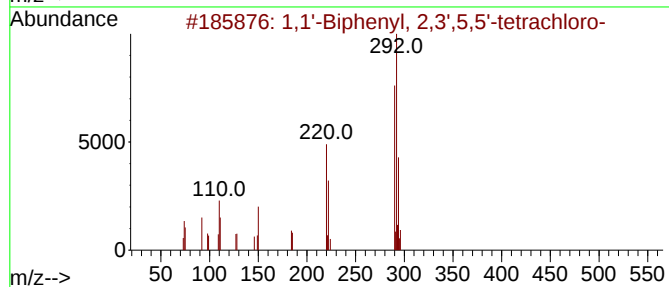
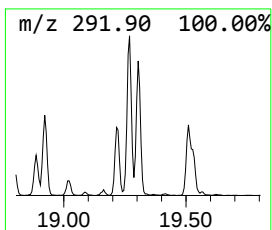
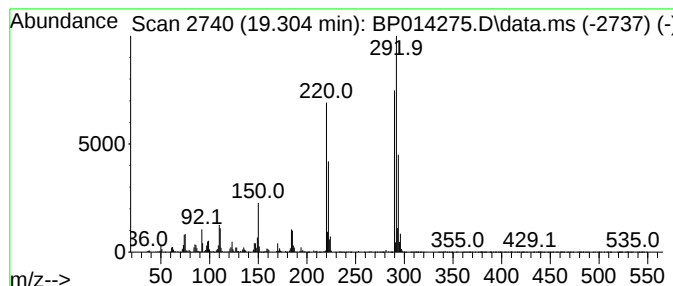
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.304	7.71 ng/ul	556172	Phenanthrene-d10	17.439

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	96	
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	96	
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	96	
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	96	
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	95	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014275.D
Acq On : 24 Mar 2023 01:33
Operator : CG/JU
Sample : 01989-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

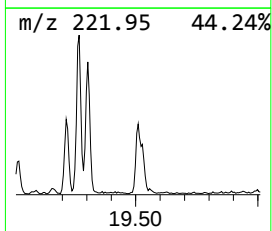
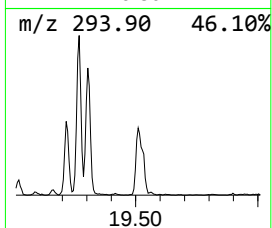
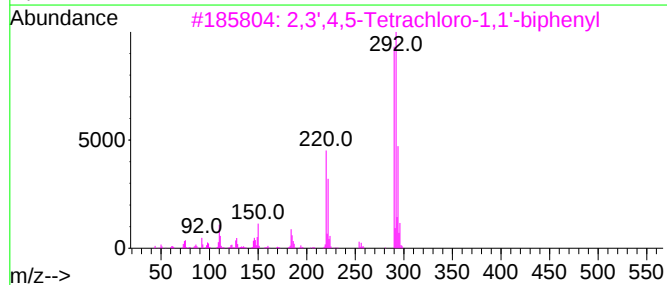
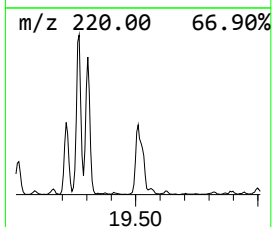
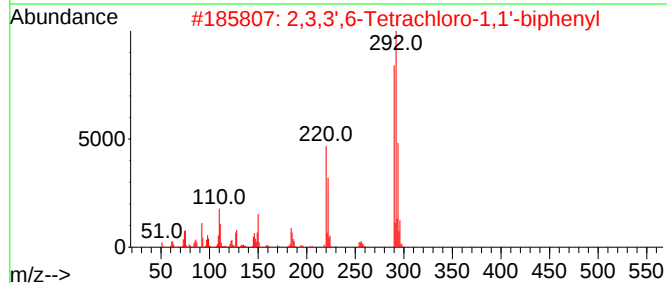
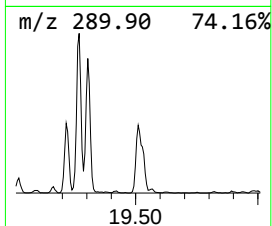
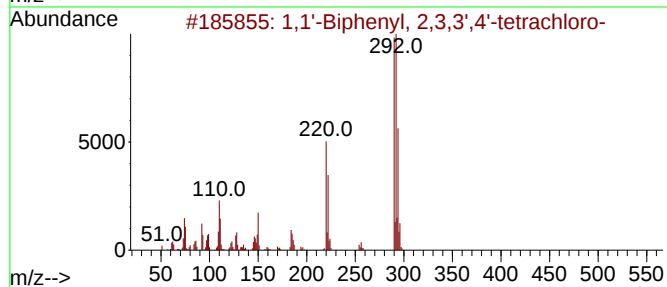
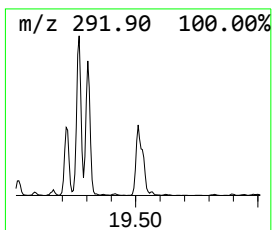
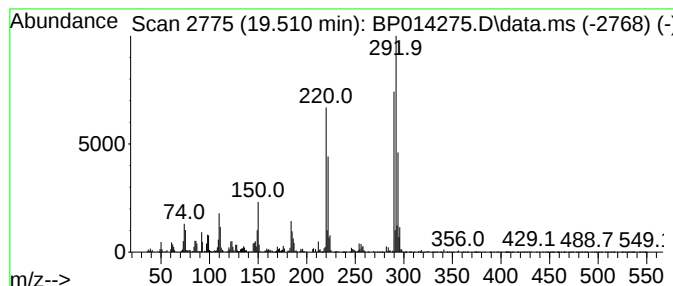
Instrument :
BNA_P
ClientSampleId :
E0238

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.510	4.01 ng/ul	489730	Chrysene-d12	21.516	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
2	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
3	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014275.D
Acq On : 24 Mar 2023 01:33
Operator : CG/JU
Sample : 01989-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E0238

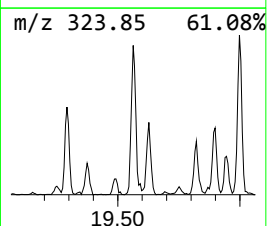
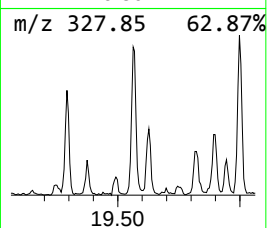
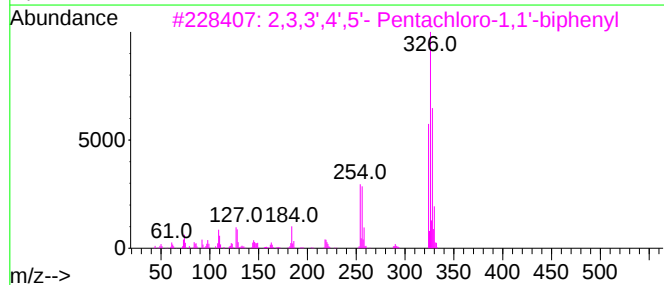
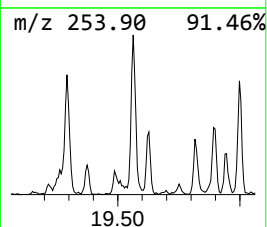
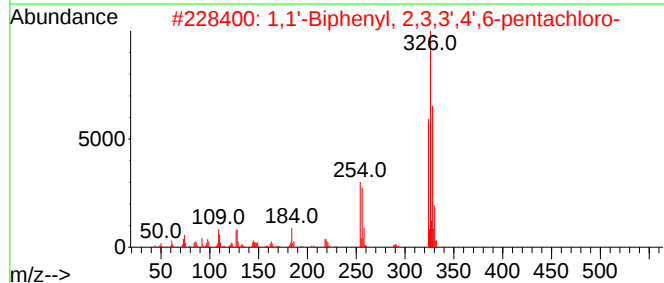
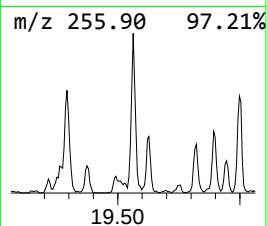
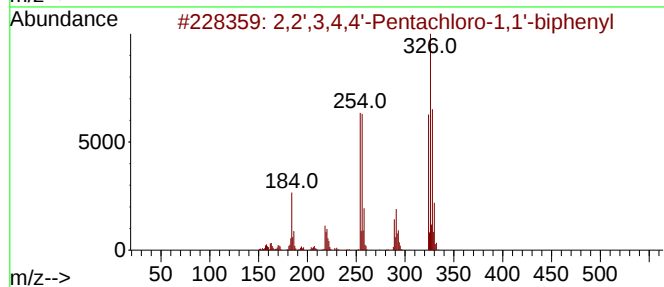
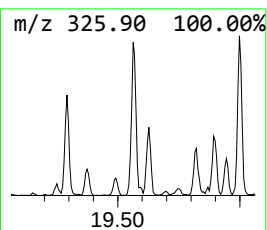
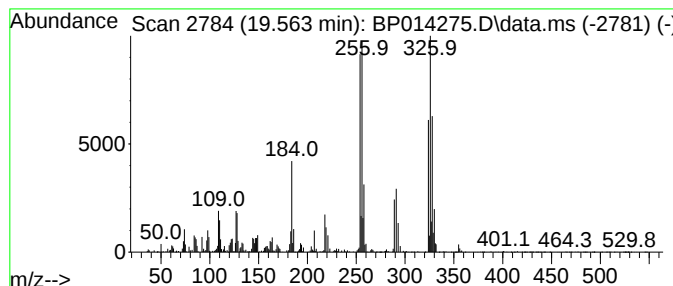
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 2,2',3,4,4'-Pentachloro-1,1... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.563	2.05 ng/ul	250480	Chrysene-d12	21.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99		
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99		
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99		
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99		
5	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
 Data File : BP014275.D
 Acq On : 24 Mar 2023 01:33
 Operator : CG/JU
 Sample : 01989-02
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E0238

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.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...	3.311	52.4	ng/ul	998418	1	8.034	381219	20.0
Benzene, chloro-	5.311	9.9	ng/ul	189053	1	8.034	381219	20.0
1,1'-Biphenyl, ...	17.304	5.1	ng/ul	368072	4	17.439	1442510	20.0
1,1'-Biphenyl, ...	17.604	2.7	ng/ul	193892	4	17.439	1442510	20.0
1,1'-Biphenyl, ...	18.016	12.0	ng/ul	865179	4	17.439	1442510	20.0
1,1'-Biphenyl, ...	18.151	4.7	ng/ul	341060	4	17.439	1442510	20.0
1,1'-Biphenyl, ...	18.475	8.4	ng/ul	609737	4	17.439	1442510	20.0
2,2',4,6'-Tetra...	18.534	5.3	ng/ul	381236	4	17.439	1442510	20.0
1,1'-Biphenyl, ...	18.575	4.0	ng/ul	285058	4	17.439	1442510	20.0
1,1'-Biphenyl, ...	18.751	7.9	ng/ul	566558	4	17.439	1442510	20.0
1,1'-Biphenyl, ...	18.798	2.5	ng/ul	180592	4	17.439	1442510	20.0
2,3,4',5-Tetrac...	18.886	2.5	ng/ul	177515	4	17.439	1442510	20.0
1,1'-Biphenyl, ...	18.922	4.7	ng/ul	338720	4	17.439	1442510	20.0
2,2',4,5-Tetrac...	19.022	2.7	ng/ul	192335	4	17.439	1442510	20.0
2,3,3',6-Tetrac...	19.216	3.8	ng/ul	270635	4	17.439	1442510	20.0
1,1'-Biphenyl, ...	19.269	9.3	ng/ul	672235	4	17.439	1442510	20.0
1,1'-Biphenyl, ...	19.304	7.7	ng/ul	556172	4	17.439	1442510	20.0
1,1'-Biphenyl, ...	19.510	4.0	ng/ul	489730	5	21.516	2442330	20.0
2,2',3,4,4'-Pen...	19.563	2.0	ng/ul	250480	5	21.516	2442330	20.0