

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014950.D
 Acq On : 04 May 2023 13:53
 Operator : CG/JU
 Sample : 02447-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW935

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-BP050323.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP014950.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.464	9	13	14	rBV	50496	56850	0.85%	0.054%
2	3.487	14	17	23	rVB	74598	96500	1.45%	0.092%
3	3.905	85	88	102	rBV	323731	480386	7.20%	0.458%
4	4.017	102	107	117	rVV	115615	159310	2.39%	0.152%
5	4.146	124	129	135	rVB	51099	80442	1.21%	0.077%
6	4.246	142	146	152	rVB	34291	49252	0.74%	0.047%
7	5.299	319	325	334	rBV	41778	66819	1.00%	0.064%
8	5.822	409	414	419	rVB	35476	51214	0.77%	0.049%
9	6.805	573	581	588	rVB2	25493	48730	0.73%	0.046%
10	7.310	658	667	682	rVB	664596	1174095	17.61%	1.120%
11	7.481	690	696	703	rBV	604820	928695	13.93%	0.886%
12	7.687	721	731	740	rBV	685873	1114314	16.71%	1.063%
13	7.775	740	746	750	rBV	38994	54059	0.81%	0.052%
14	8.163	802	812	818	rVV	947343	1596283	23.94%	1.523%
15	8.222	818	822	829	rVB	63642	101387	1.52%	0.097%
16	8.728	896	908	918	rVB6	34011	88441	1.33%	0.084%
17	8.875	926	933	940	rVV	661337	1099587	16.49%	1.049%
18	8.999	949	954	961	rVV2	29948	57992	0.87%	0.055%
19	9.281	992	1002	1006	rBV8	26425	71045	1.07%	0.068%
20	9.340	1006	1012	1019	rVV	585806	984305	14.76%	0.939%
21	9.399	1019	1022	1026	rVV	60103	84200	1.26%	0.080%
22	10.069	1127	1136	1143	rBV	454795	772522	11.59%	0.737%
23	10.410	1187	1194	1199	rBV8	25833	56989	0.85%	0.054%
24	10.610	1216	1228	1237	rBV	649203	1133331	17.00%	1.081%
25	10.963	1282	1288	1289	rBV	76015	105217	1.58%	0.100%
26	11.004	1289	1295	1301	rVV	1116878	1901180	28.51%	1.814%
27	11.134	1310	1317	1327	rBV2	293820	598739	8.98%	0.571%
28	12.010	1461	1466	1469	rBV	49906	74169	1.11%	0.071%
29	12.398	1526	1532	1539	rBV	123331	184748	2.77%	0.176%
30	12.651	1571	1575	1582	rVB	36602	60734	0.91%	0.058%
31	13.340	1685	1692	1700	rVB2	111686	191602	2.87%	0.183%
32	13.622	1735	1740	1749	rVV2	149126	255681	3.83%	0.244%
33	13.728	1754	1758	1766	rVB	46542	77658	1.16%	0.074%
34	13.863	1774	1781	1785	rVB7	25143	51816	0.78%	0.049%
35	13.981	1795	1801	1809	rVB6	22713	70153	1.05%	0.067%
36	14.128	1822	1826	1831	rBV	41127	61485	0.92%	0.059%

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Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
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37	14.210	1832	1840	1845	rVV	1080937	1574180	23.61%	1.502%
38	14.275	1848	1851	1855	rVV	107020	133232	2.00%	0.127%
39	14.504	1884	1890	1908	rBV	1396066	2145162	32.17%	2.047%
40	14.687	1917	1921	1930	rVB	153488	208112	3.12%	0.199%
41	14.810	1931	1942	1949	rBV	1466159	2241879	33.62%	2.139%
42	14.992	1968	1973	1985	rBV	227995	417823	6.27%	0.399%
43	15.204	2004	2009	2014	rBV3	63261	111035	1.67%	0.106%
44	15.639	2079	2083	2087	rVB	145418	188448	2.83%	0.180%
45	15.798	2105	2110	2116	rBV	1658505	2362171	35.43%	2.254%
46	15.851	2116	2119	2124	rVB2	57597	78690	1.18%	0.075%
47	15.910	2125	2129	2139	rVB2	177039	262916	3.94%	0.251%
48	16.057	2148	2154	2162	rVB3	231177	418124	6.27%	0.399%
49	16.163	2166	2172	2179	rBV	627289	861655	12.92%	0.822%
50	16.504	2226	2230	2231	rBV2	212782	255145	3.83%	0.243%
51	16.528	2231	2234	2239	rVB	318390	428109	6.42%	0.408%
52	16.669	2255	2258	2263	rVB	85326	104474	1.57%	0.100%
53	16.786	2273	2278	2282	rBV	324366	453501	6.80%	0.433%
54	17.086	2325	2329	2333	rBV2	213013	311025	4.66%	0.297%
55	17.298	2362	2365	2369	rBV	160953	204417	3.07%	0.195%
56	17.351	2371	2374	2378	rBV	187652	270776	4.06%	0.258%
57	17.433	2384	2388	2392	rBV2	625887	871720	13.07%	0.832%
58	17.469	2392	2394	2399	rVB	320536	401063	6.02%	0.383%
59	17.563	2402	2410	2414	rBV2	1762406	3321905	49.82%	3.169%
60	17.604	2414	2417	2422	rVV	605335	890217	13.35%	0.849%
61	17.663	2422	2427	2431	rVV2	1804987	2563010	38.44%	2.445%
62	17.733	2435	2439	2448	rVB	990569	1464717	21.97%	1.398%
63	17.963	2475	2478	2481	rVB	110400	129707	1.95%	0.124%
64	18.004	2482	2485	2488	rVV	300505	394366	5.91%	0.376%
65	18.033	2488	2490	2495	rVB2	340499	391846	5.88%	0.374%
66	18.151	2503	2510	2516	rBV	3133130	6404674	96.06%	6.111%
67	18.275	2525	2531	2536	rBV2	807150	1340413	20.10%	1.279%
68	18.392	2547	2551	2554	rBV	979563	1292041	19.38%	1.233%
69	18.422	2554	2556	2558	rVV	307871	295795	4.44%	0.282%
70	18.492	2565	2568	2573	rVB	1008023	1133787	17.00%	1.082%
71	18.551	2575	2578	2582	rVV4	185657	250938	3.76%	0.239%
72	18.604	2582	2587	2591	rVV	2206833	2892010	43.37%	2.759%
73	18.657	2592	2596	2600	rVV2	1241086	1680090	25.20%	1.603%
74	18.704	2600	2604	2609	rVB	858984	1099050	16.48%	1.049%
75	18.875	2629	2633	2638	rBV	1805208	2442197	36.63%	2.330%
76	18.922	2639	2641	2645	rVV	513180	573631	8.60%	0.547%

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77	18.975	2646	2650	2653	rVV	806480	1061077	15.91%	1.012%
78	19.010	2653	2656	2659	rVV	455922	585034	8.77%	0.558%
79	19.045	2659	2662	2667	rVB	1118791	1306638	19.60%	1.247%
80	19.139	2675	2678	2683	rVB2	477622	620276	9.30%	0.592%
81	19.339	2709	2712	2716	rBV	816414	914338	13.71%	0.872%
82	19.392	2716	2721	2723	rBV	1811449	2414561	36.21%	2.304%
83	19.422	2723	2726	2731	rVB2	2030648	3013039	45.19%	2.875%
84	19.557	2745	2749	2754	rVB	1513323	1848340	27.72%	1.764%
85	19.645	2759	2764	2767	rVV2	737703	1609810	24.14%	1.536%
86	19.686	2767	2771	2777	rVB	2124615	2555187	38.32%	2.438%
87	19.751	2779	2782	2785	rVB	632876	705843	10.59%	0.673%
88	19.880	2799	2804	2807	rBV	2529046	4061125	60.91%	3.875%
89	19.910	2807	2809	2813	rVB	2662282	2923221	43.84%	2.789%
90	20.016	2824	2827	2832	rVB2	824803	967088	14.50%	0.923%
91	20.122	2841	2845	2849	rVB	1750454	2037345	30.56%	1.944%
92	20.374	2885	2888	2893	rVB4	1008259	1330282	19.95%	1.269%
93	20.427	2893	2897	2904	rBV	1488097	1904410	28.56%	1.817%
94	20.645	2931	2934	2937	rVB	822520	857861	12.87%	0.818%
95	20.727	2945	2948	2951	rVB	651220	733069	10.99%	0.699%
96	20.957	2984	2987	2994	rVB	941510	1219367	18.29%	1.163%
97	21.316	3045	3048	3053	rVB	1182954	1434878	21.52%	1.369%
98	21.527	3080	3084	3093	rVB	5248909	6667554	100.00%	6.362%
99	21.645	3098	3104	3108	rBV3	2267838	4524758	67.86%	4.317%
100	24.080	3514	3518	3523	rBV2	1369664	2610331	39.15%	2.491%

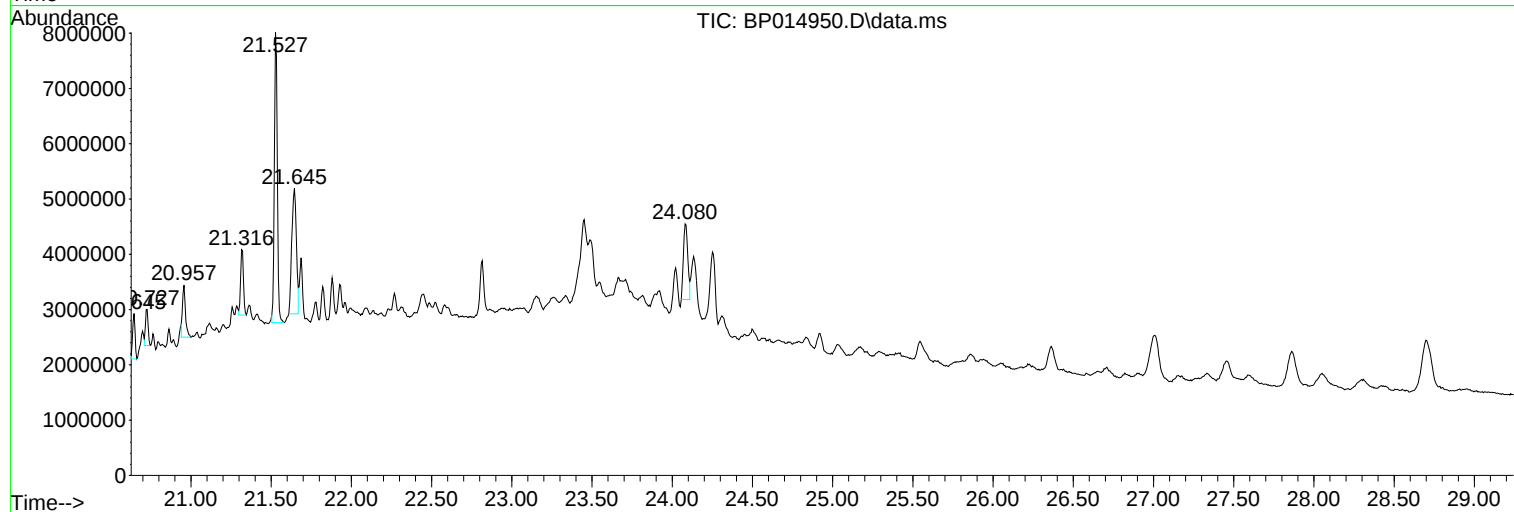
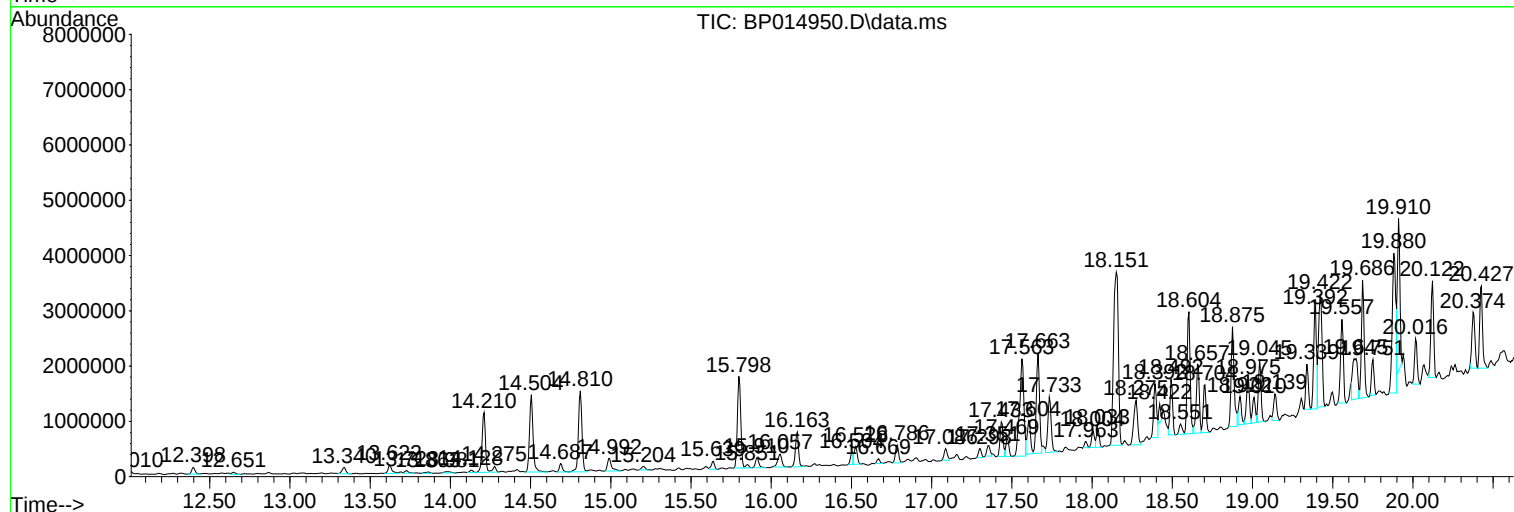
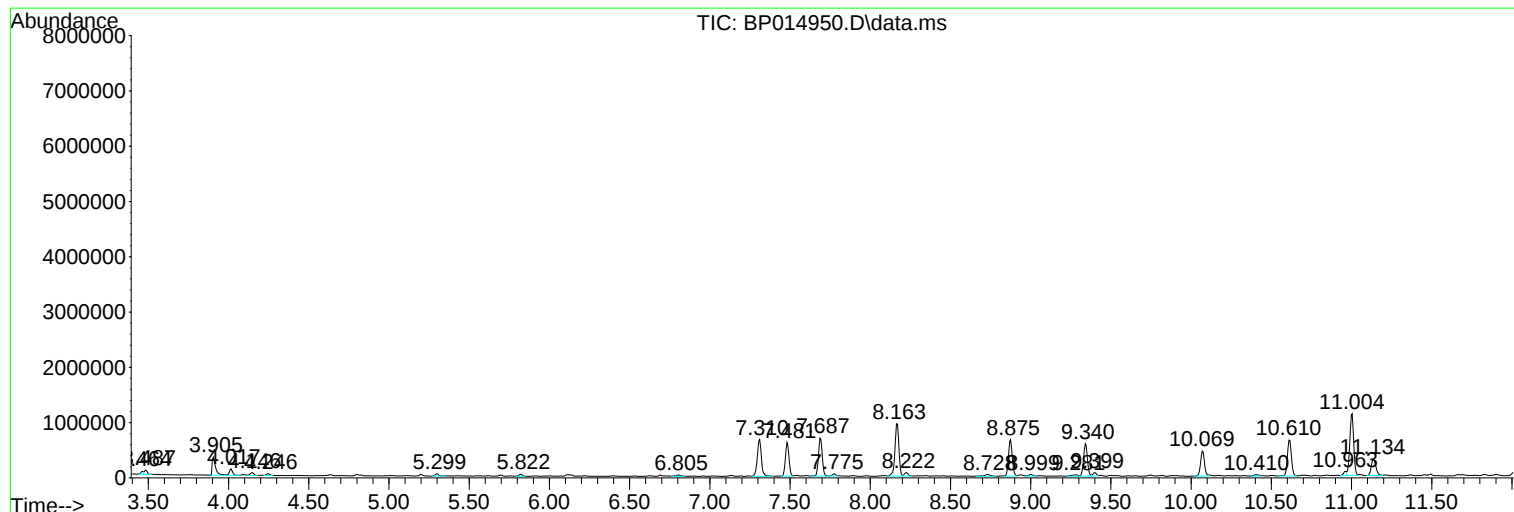
Sum of corrected areas: 104809413

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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



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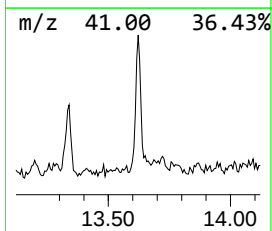
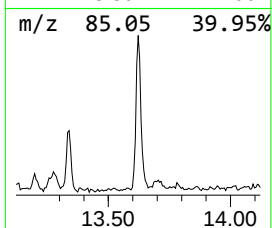
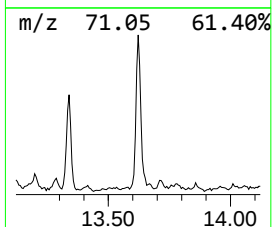
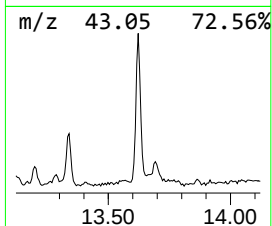
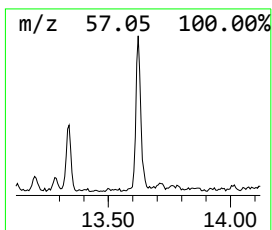
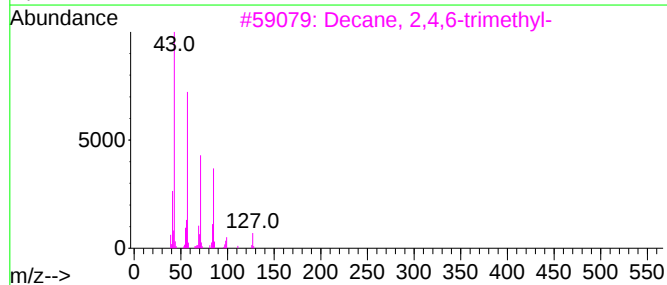
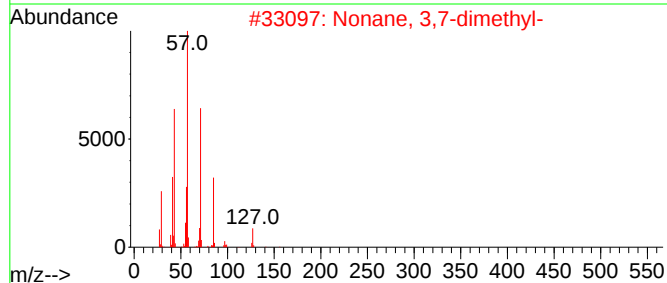
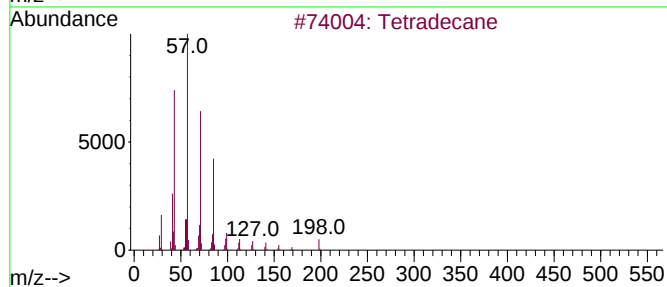
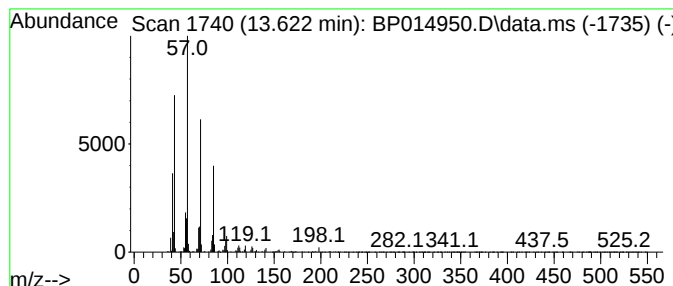
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.622	2.28 ng/ul	255681	Acenaphthene-d10	14.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	93
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	83
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	83



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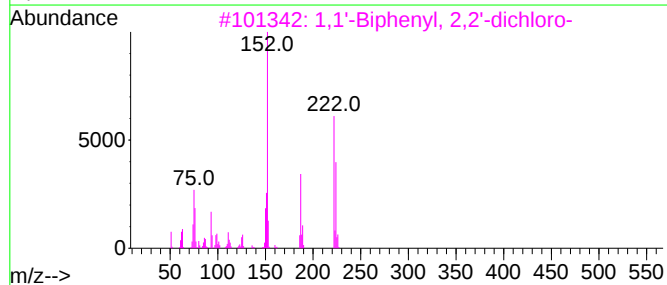
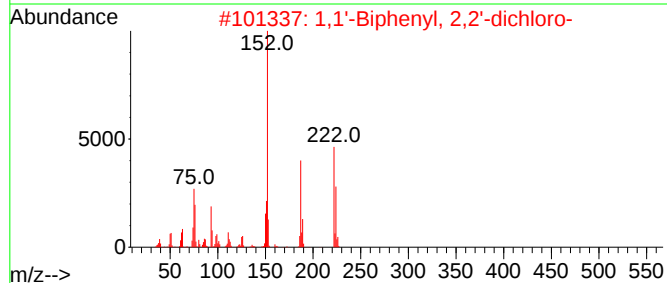
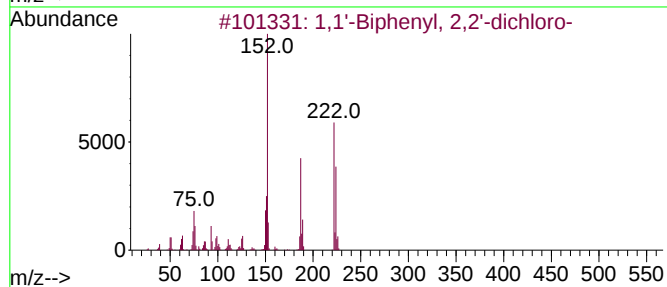
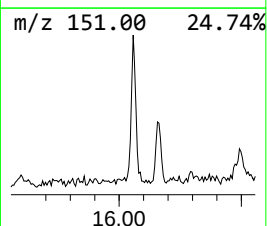
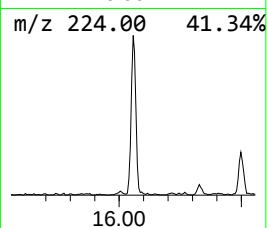
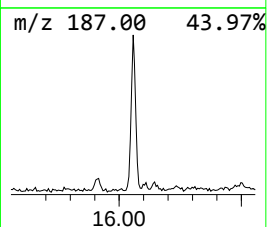
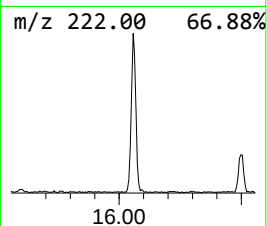
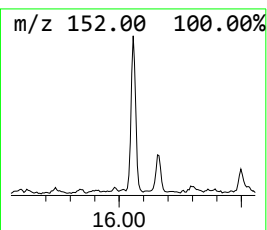
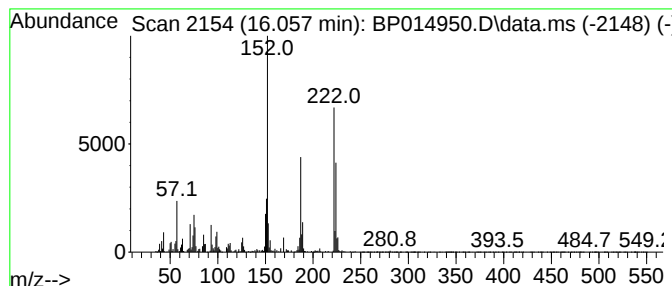
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	3.73 ng/ul	418124	Acenaphthene-d10	14.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99		
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97		
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	95		
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	95		
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	93		



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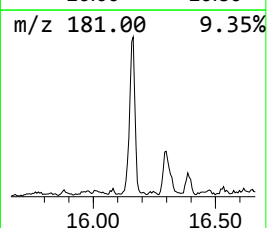
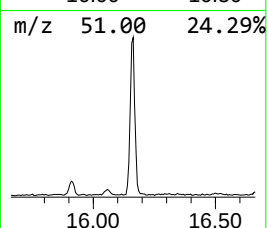
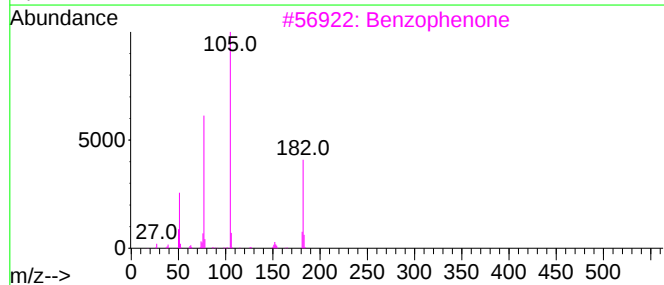
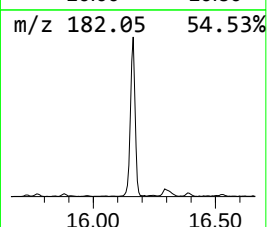
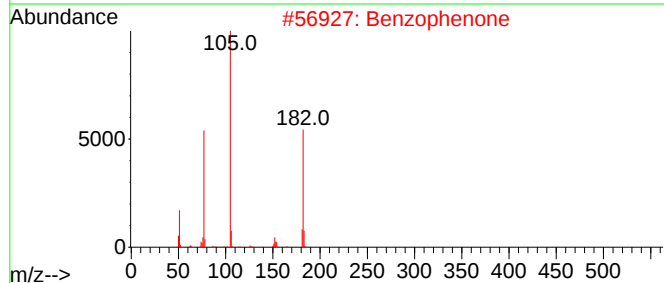
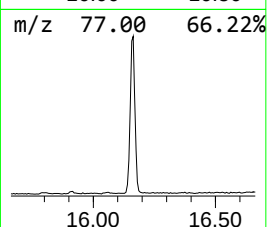
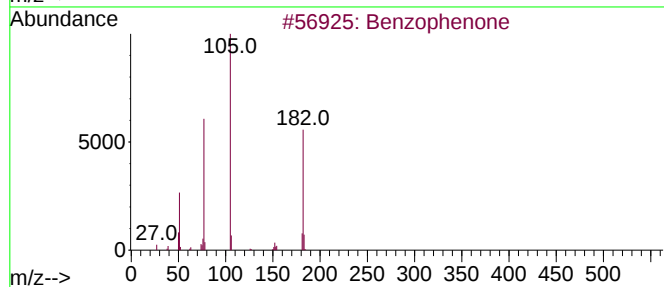
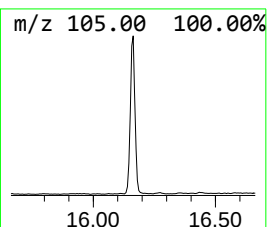
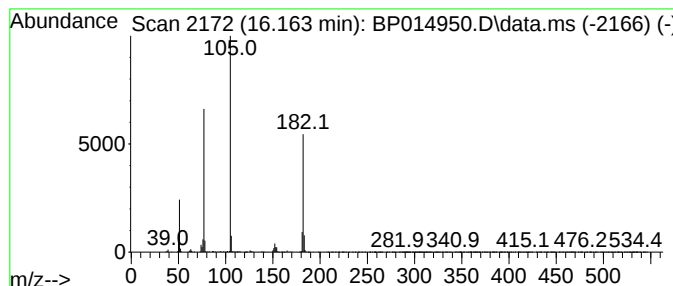
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	7.69 ng/ul	861655	Acenaphthene-d10	14.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzophenone	182	C13H10O	000119-61-9	95
3			Benzophenone	182	C13H10O	000119-61-9	94
4			Benzophenone	182	C13H10O	000119-61-9	91
5			Benzophenone	182	C13H10O	000119-61-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW935

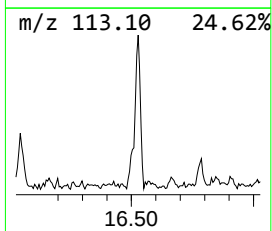
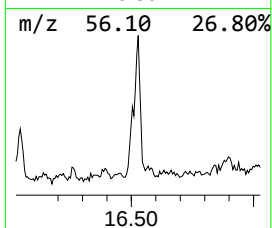
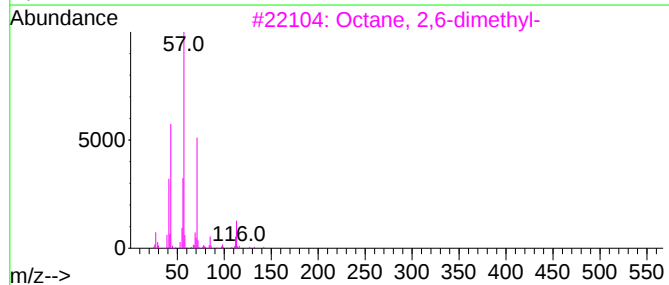
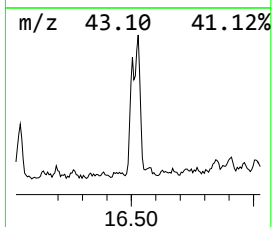
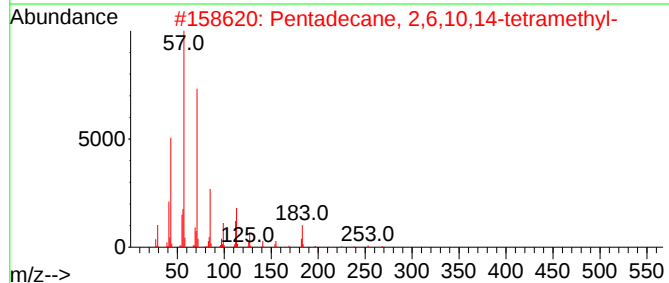
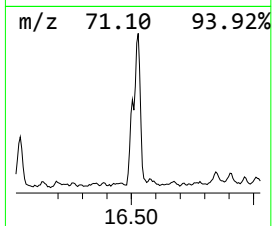
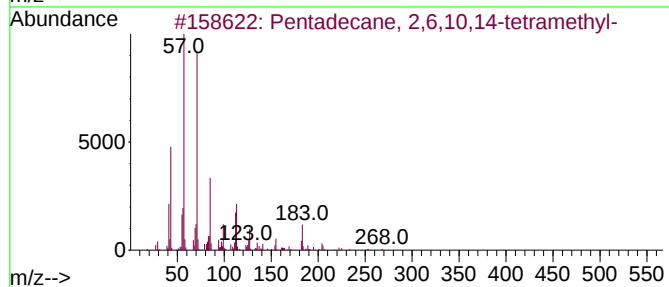
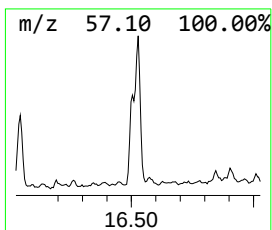
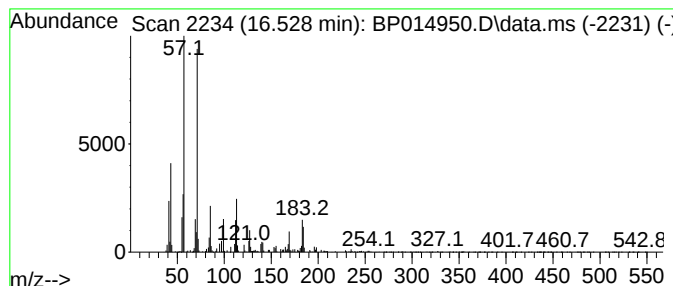
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.528	2.58 ng/ul	428109	Phenanthrene-d10	17.563

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
5		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW935

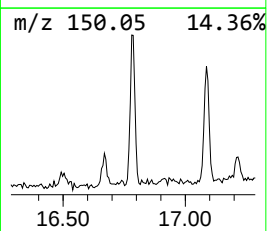
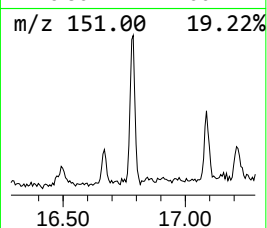
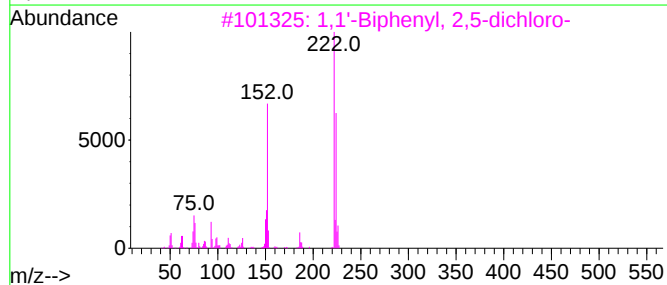
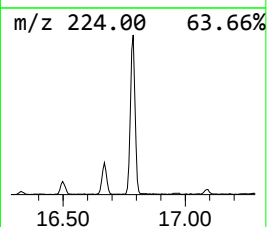
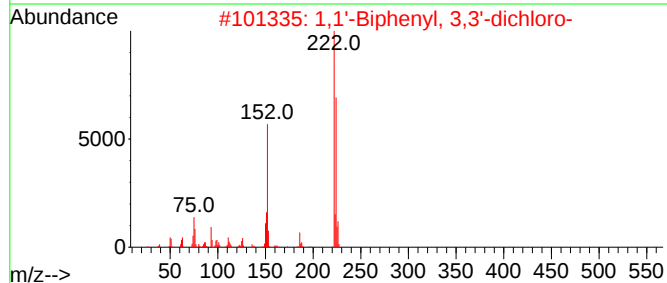
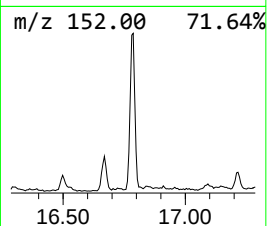
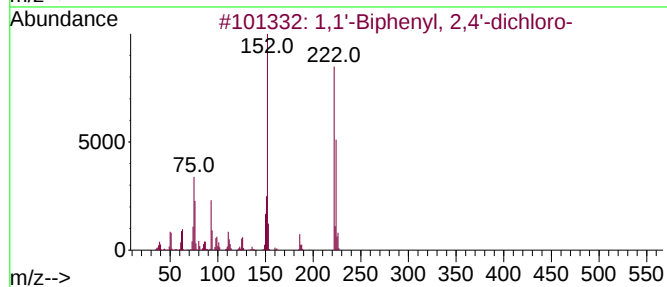
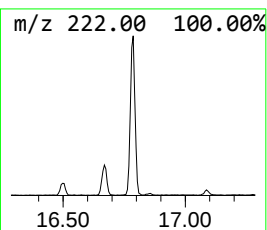
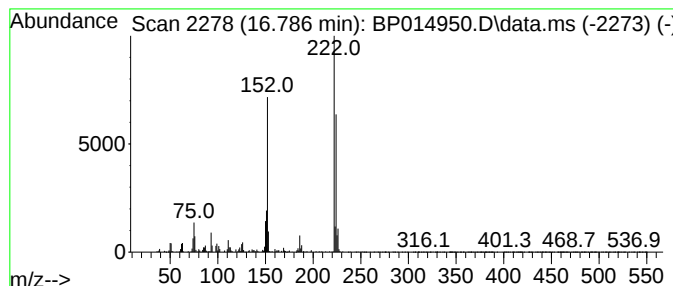
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,4'-dichloro- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.786	2.73 ng/ul	453501	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98		
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98		
3	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	98		
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98		
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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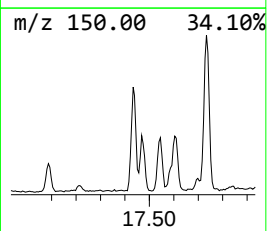
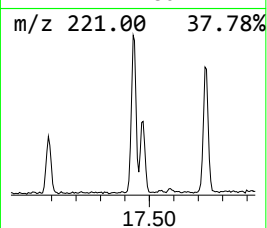
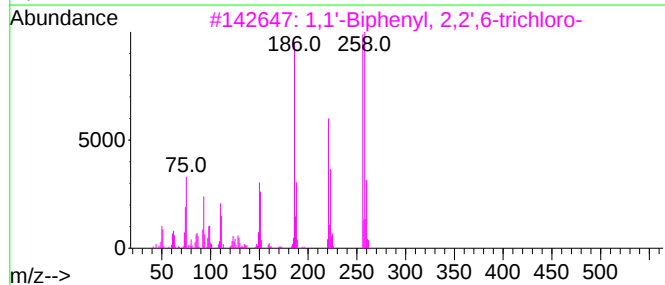
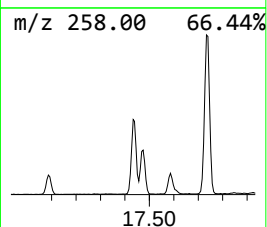
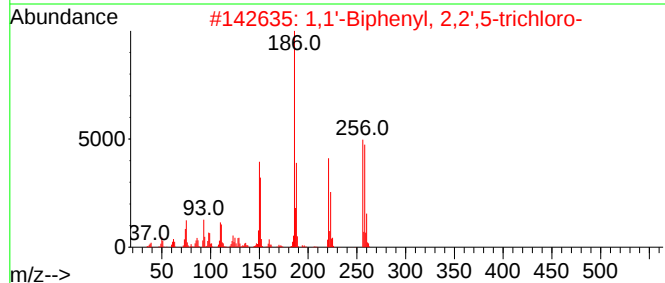
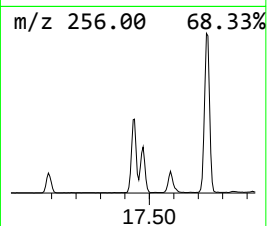
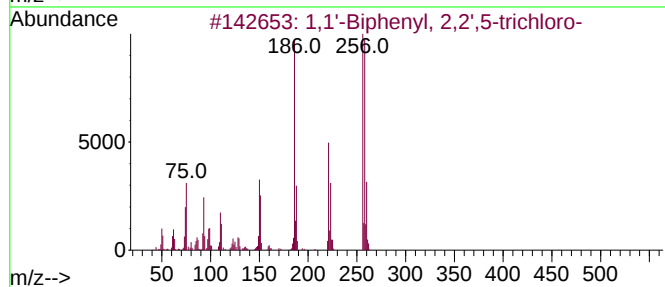
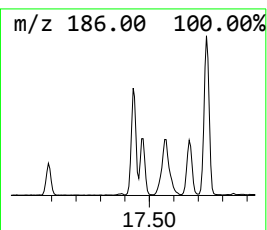
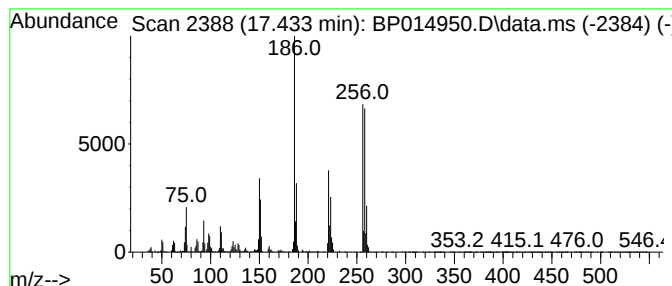
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.433	5.25 ng/ul	871720	Phenanthrene-d10	17.563

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',6-trichloro-	256	C12H7Cl3	038444-73-4	99	
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99	
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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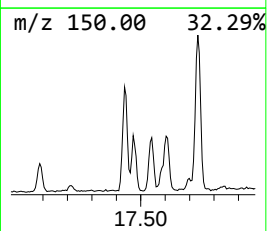
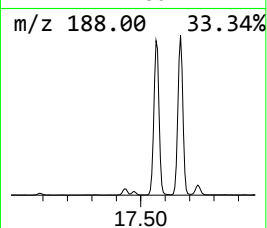
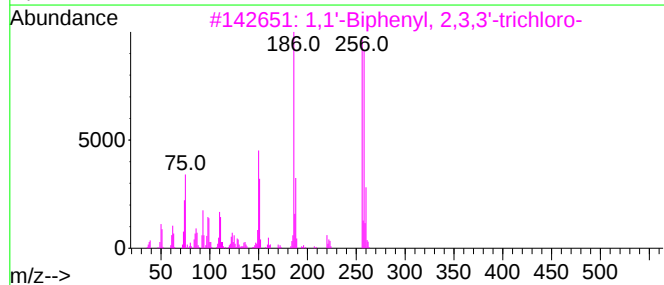
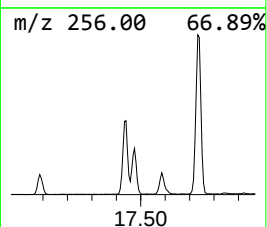
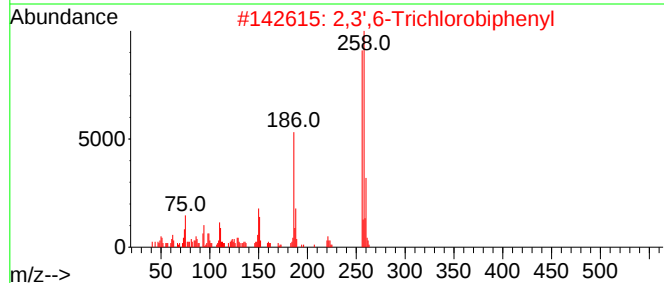
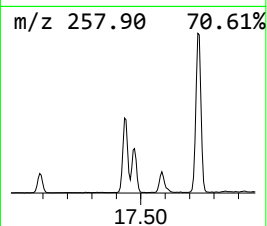
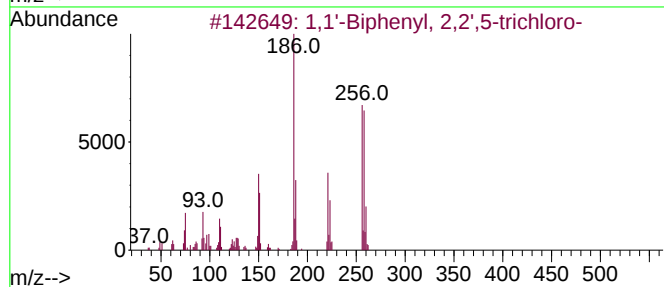
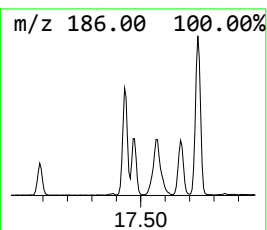
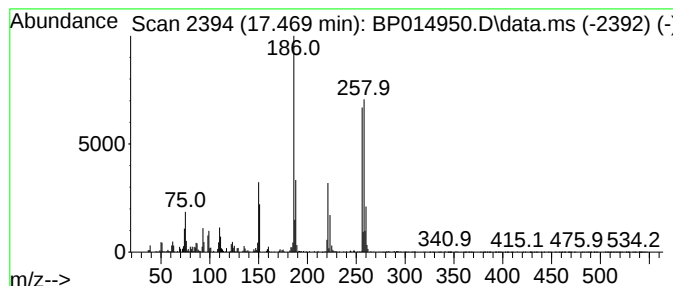
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 2,3',6-Trichlorobiphenyl Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.469	2.41 ng/ul	401063	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	95		
2	2,3',6-Trichlorobiphenyl	256	C12H7Cl3	038444-76-7	94		
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	94		
4	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	94		
5	2,2',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-66-3	94		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW935

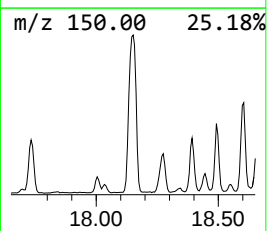
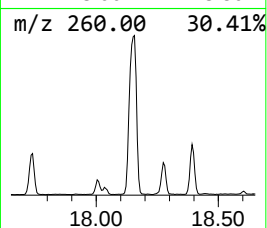
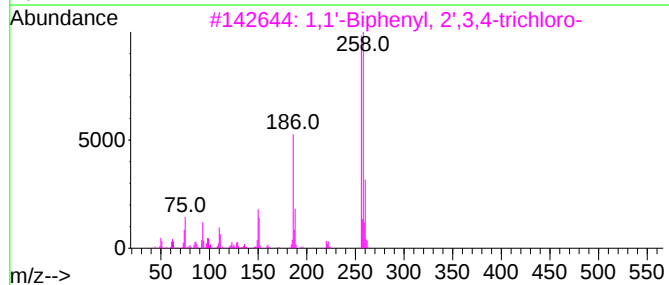
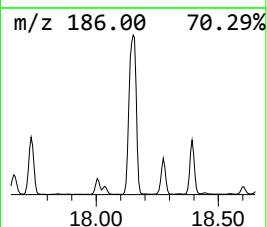
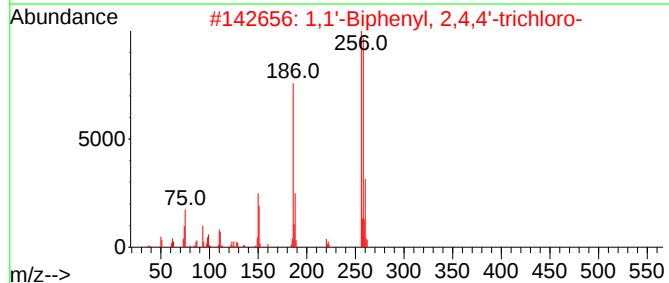
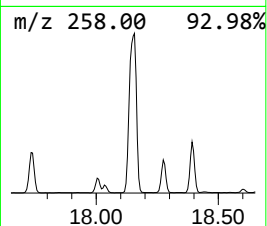
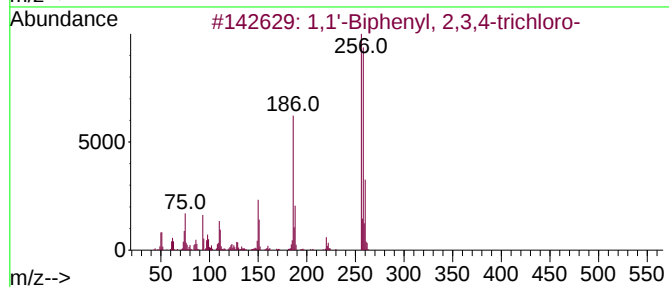
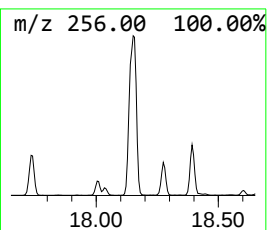
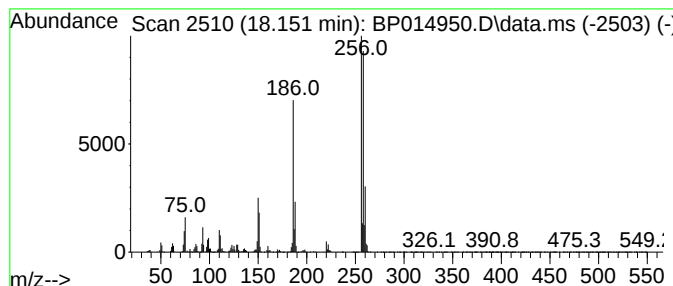
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	38.56 ng/ul	6404670	Phenanthrene-d10	17.563

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	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	038444-86-9	99	
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99	
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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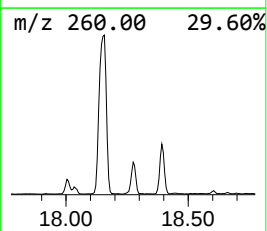
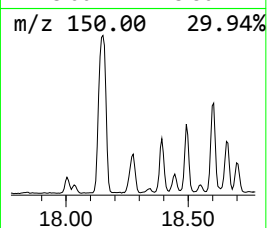
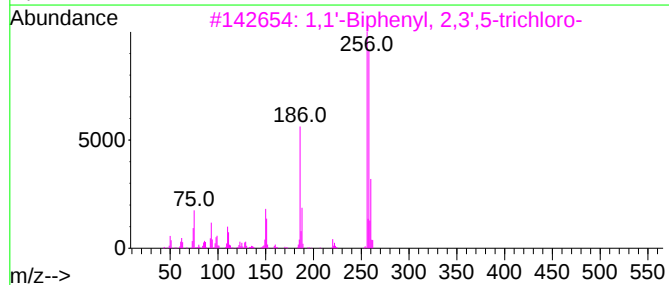
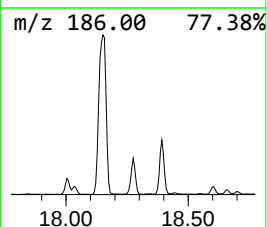
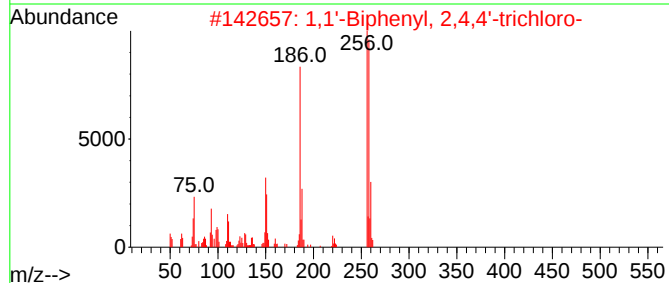
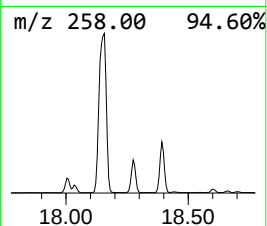
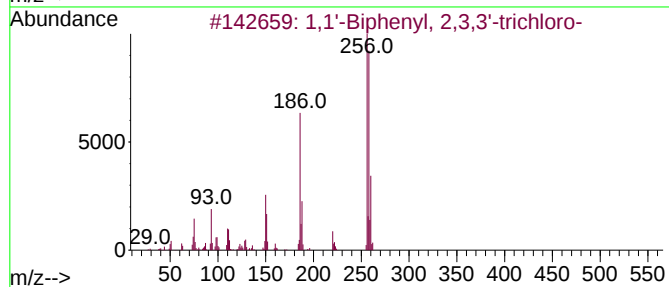
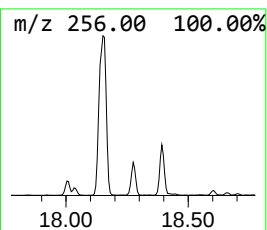
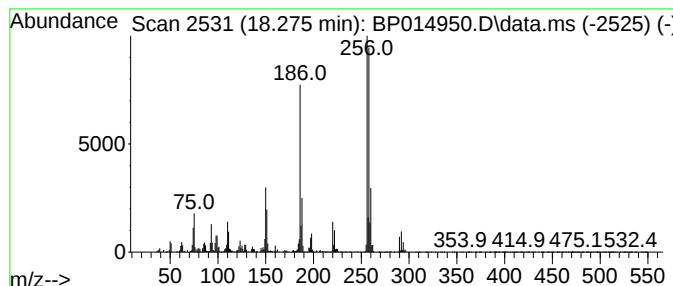
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	8.07 ng/ul	1340410	Phenanthrene-d10	17.563

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW935

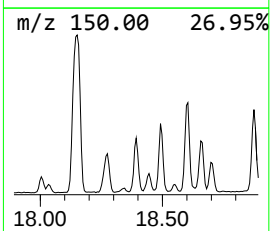
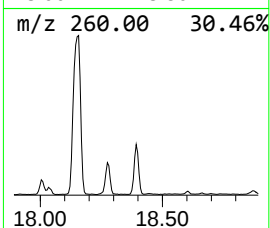
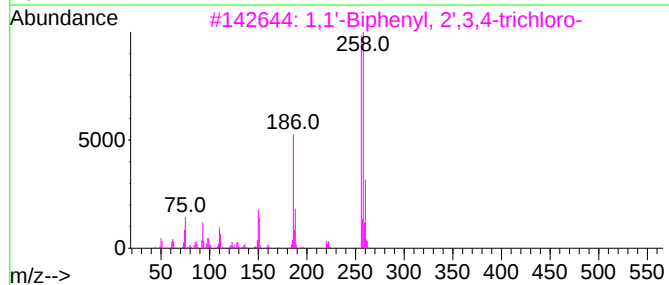
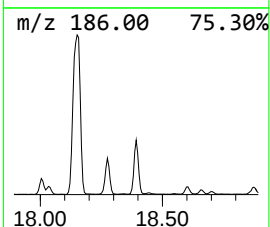
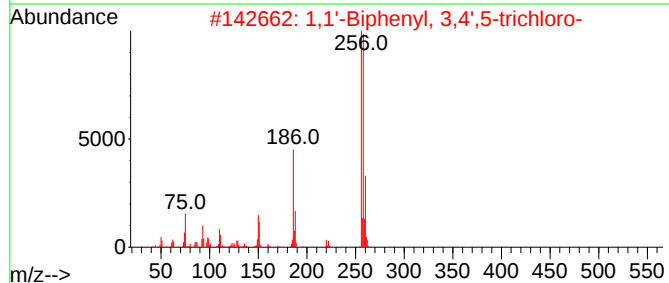
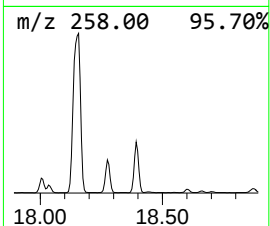
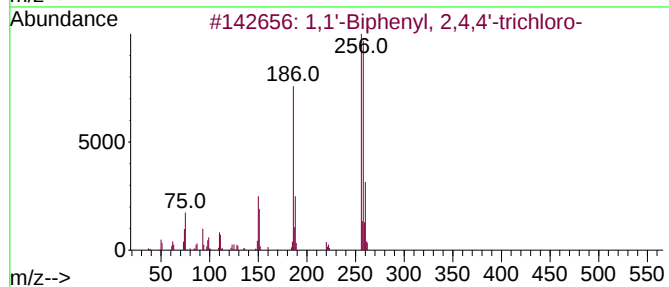
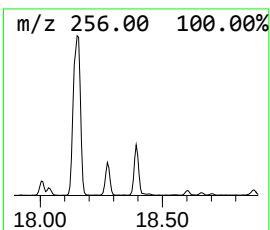
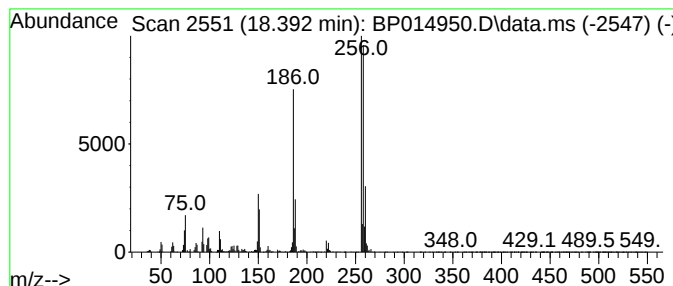
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	7.78 ng/ul	1292040	Phenanthrene-d10	17.563

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99	
2	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99	
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	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	038444-85-8	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

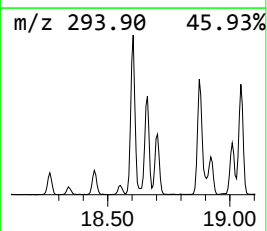
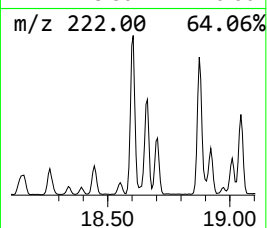
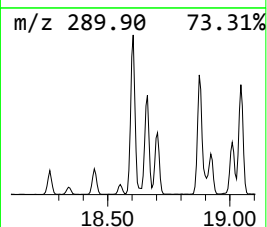
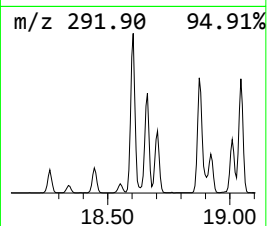
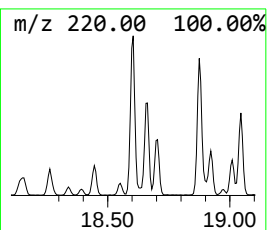
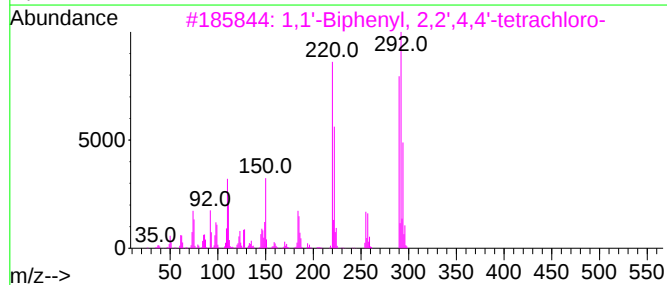
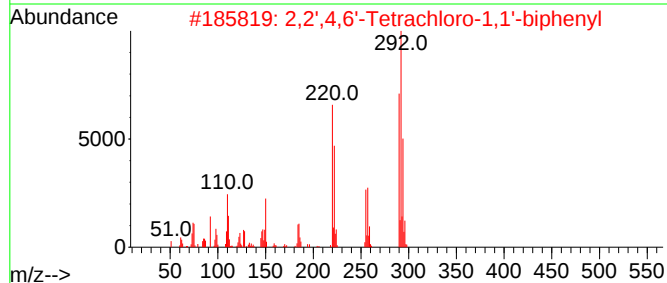
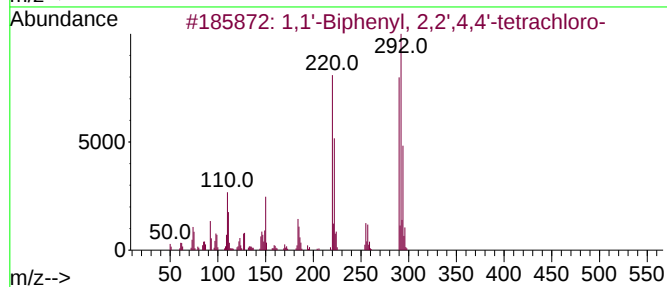
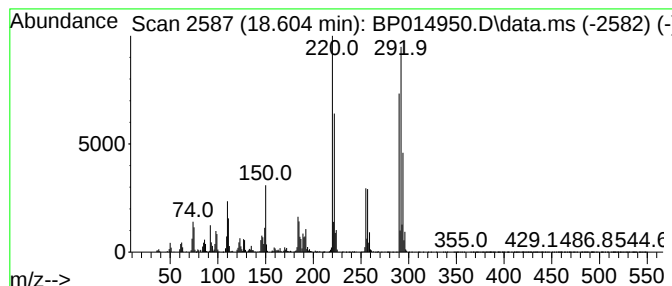
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.604	17.41 ng/ul	2892010	Phenanthrene-d10		17.563	
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',4,6'-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	068194-04-7	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...		290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...		290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...		290	C12H6Cl4	002437-79-8	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW935

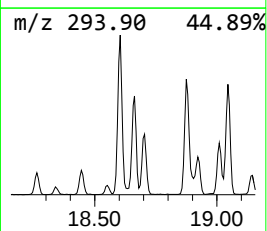
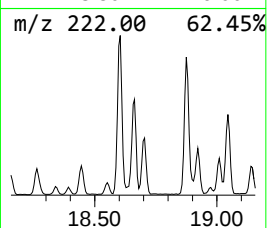
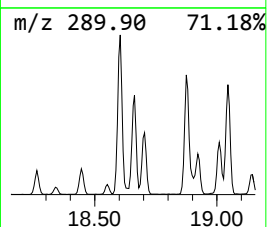
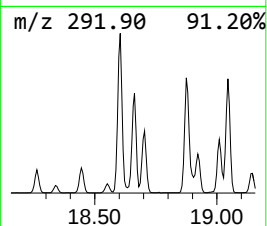
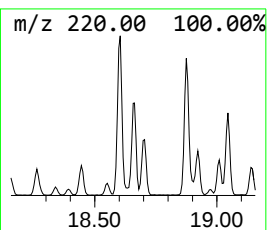
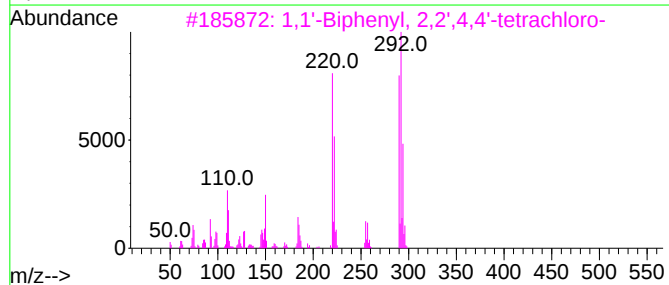
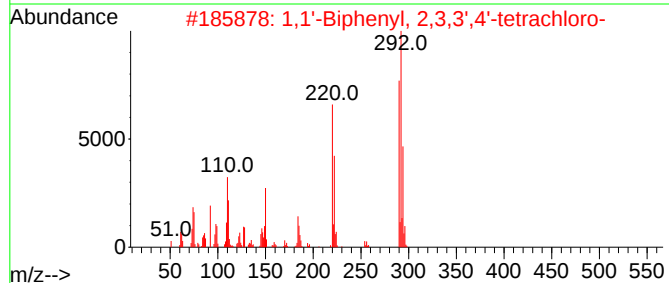
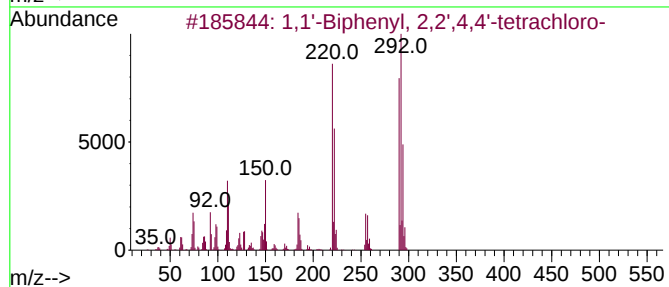
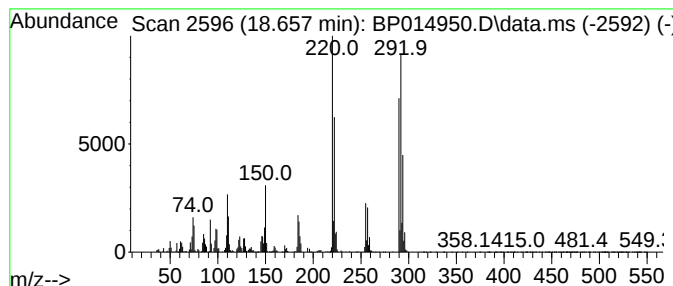
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	10.12 ng/ul	1680090	Phenanthrene-d10	17.563

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99	
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99	
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99	
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99	
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

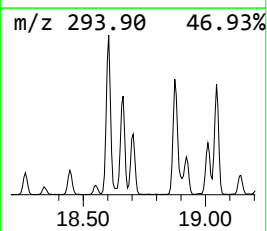
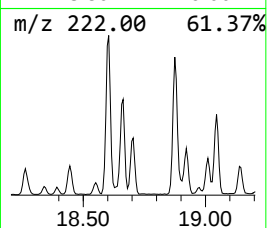
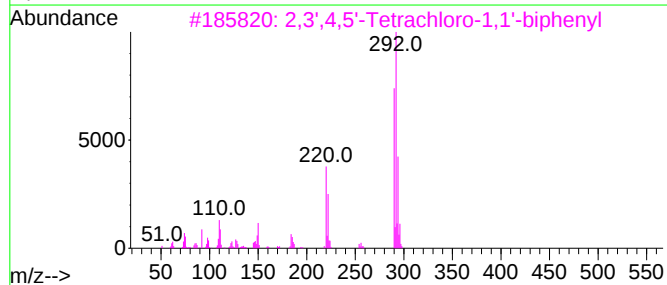
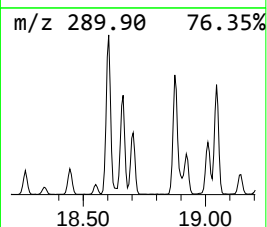
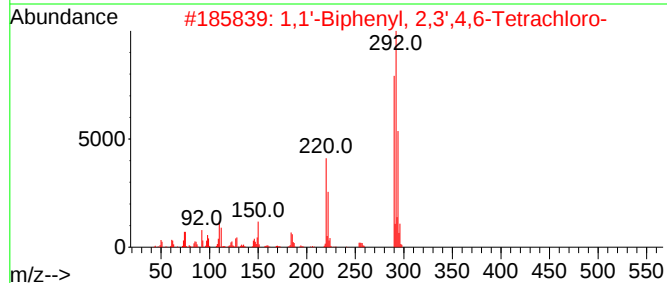
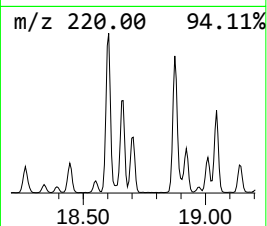
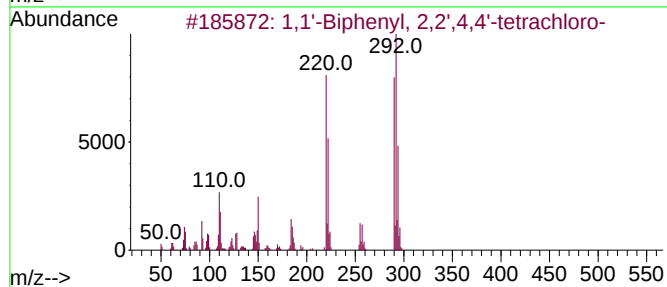
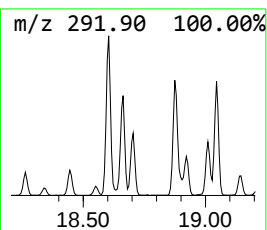
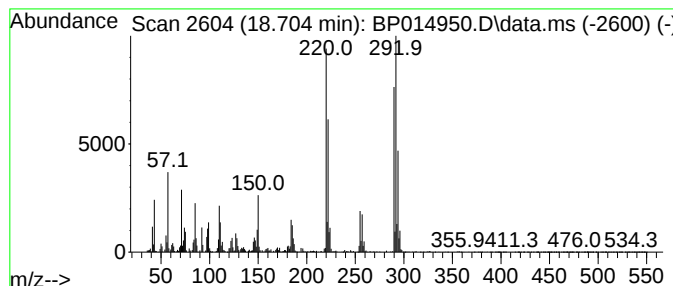
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2,3',4,6-Tet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.704	6.62 ng/ul	1099050	Phenanthrene-d10	17.563	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
3	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

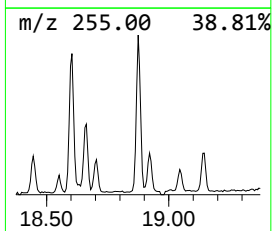
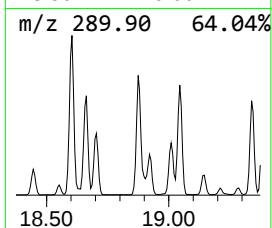
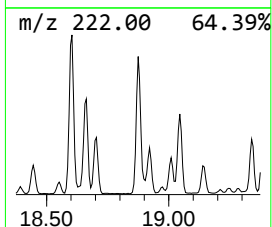
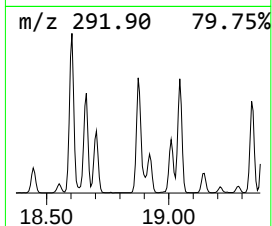
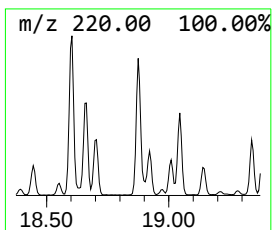
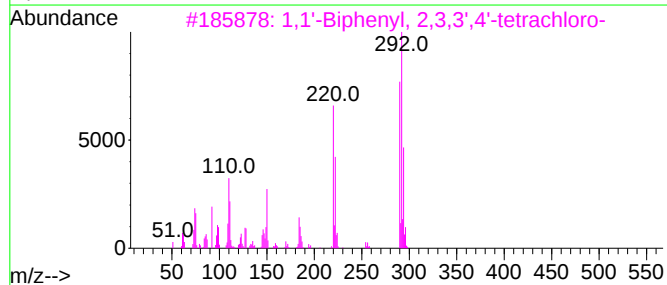
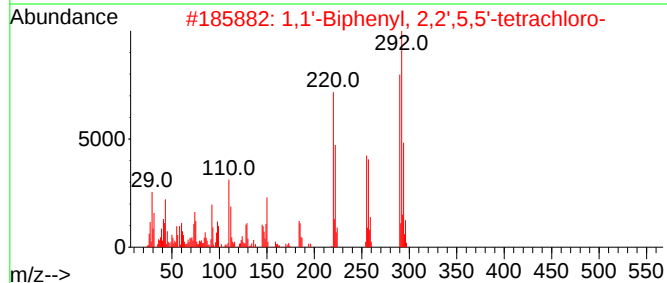
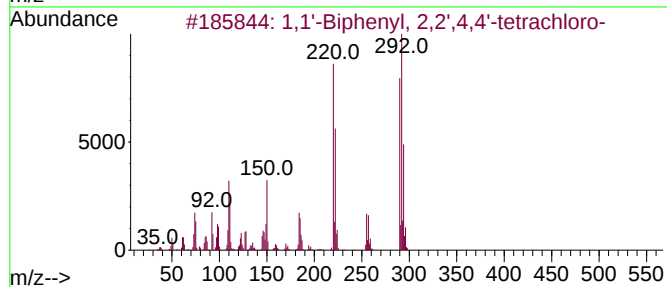
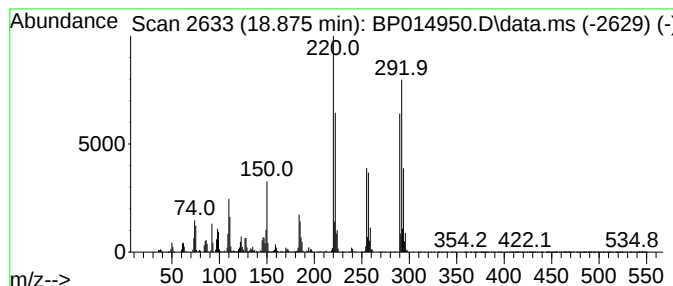
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.875	14.70 ng/ul	2442200	Phenanthrene-d10	17.563		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	290	C12H6Cl4	002437-79-8	99
2		1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	290	C12H6Cl4	035693-99-3	99
3		1,1'-Biphenyl, 2,3,3',4'-tetrachloro-	290	C12H6Cl4	041464-43-1	99
4		2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
5		1,1'-Biphenyl, 2,2',5,6'-Tetrachloro-	290	C12H6Cl4	041464-41-9	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

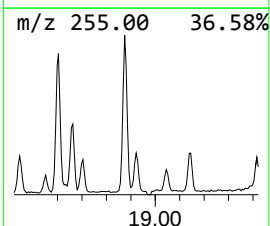
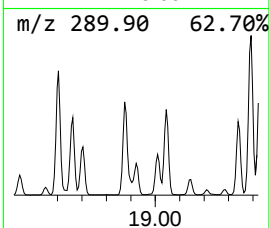
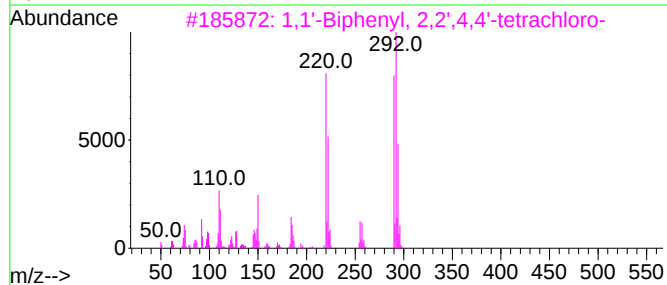
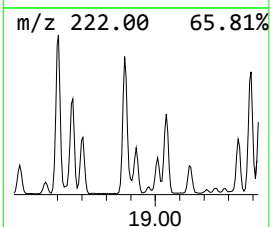
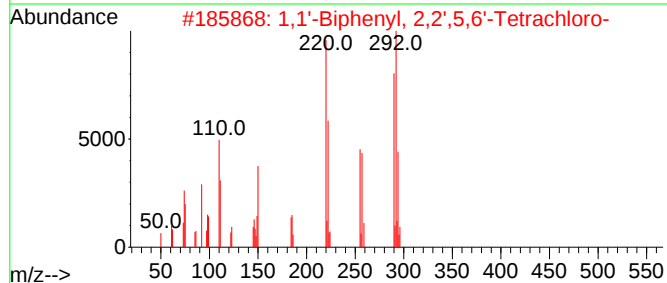
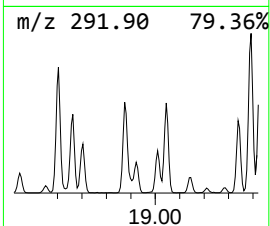
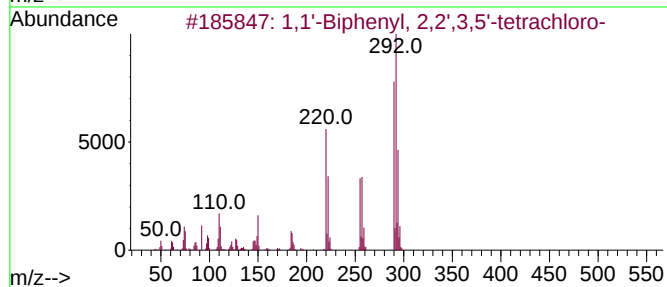
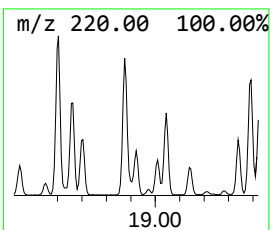
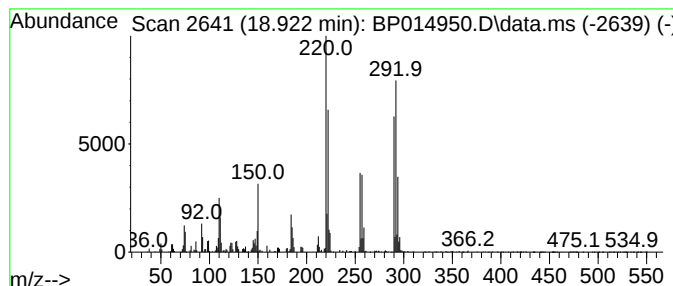
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2,2',3,5'-te... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.922	3.45 ng/ul	573631	Phenanthrene-d10		17.563	
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',5,6'-Tetrach...	290	C12H6Cl4		041464-41-9	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4		002437-79-8	99
4	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4		070362-45-7	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4		015968-05-5	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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Misc :
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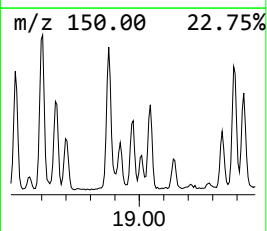
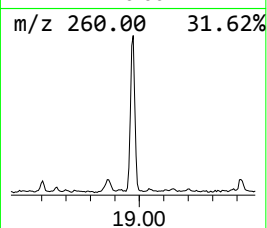
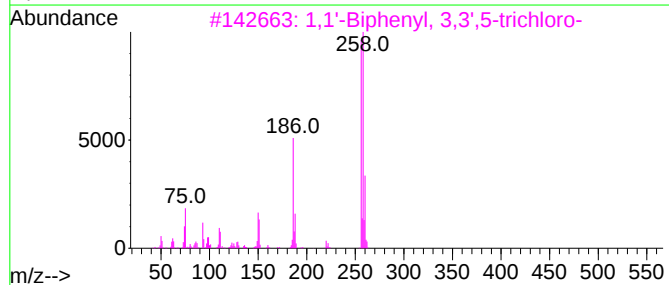
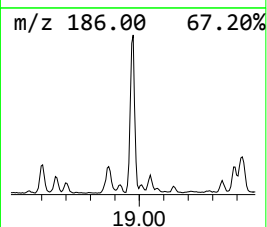
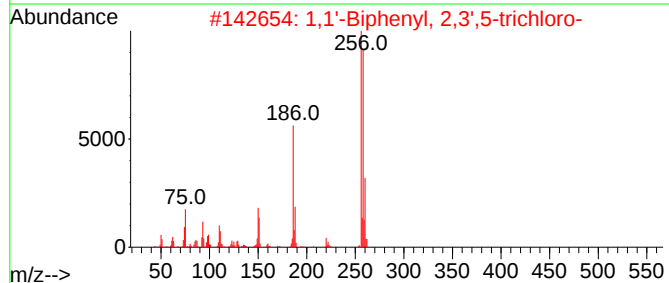
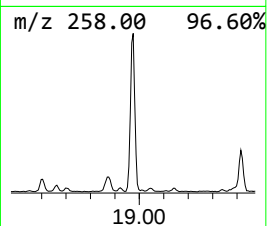
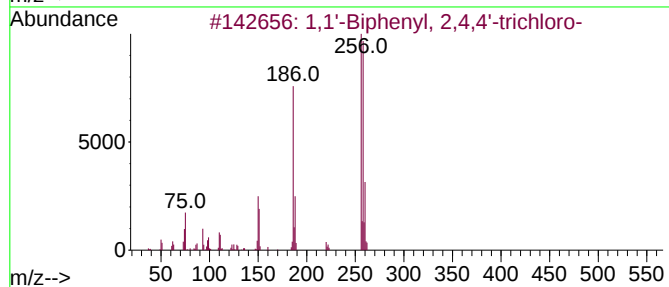
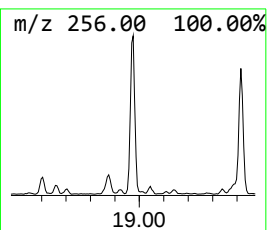
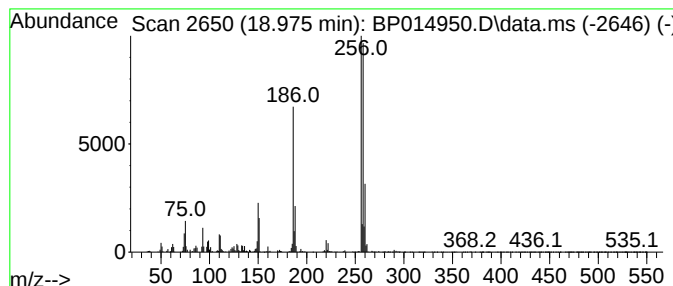
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ClientSampleId :
EW935

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.974	6.39 ng/ul	1061080	Phenanthrene-d10	17.563	
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',5-trichloro-	256	C12H7Cl3	038444-81-4	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',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

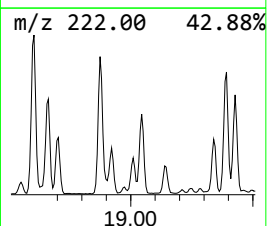
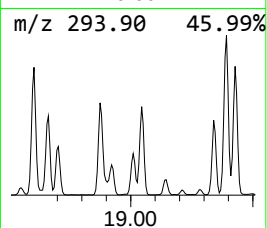
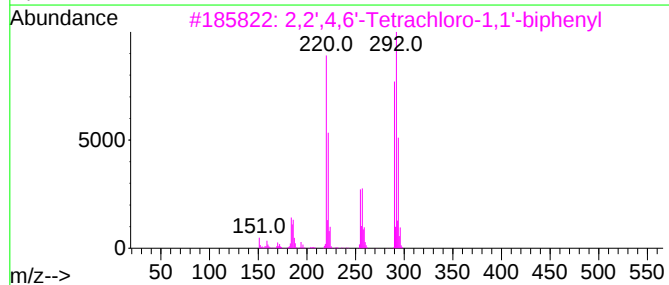
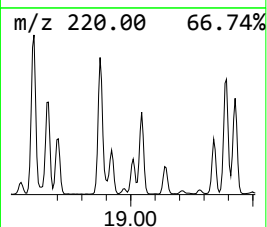
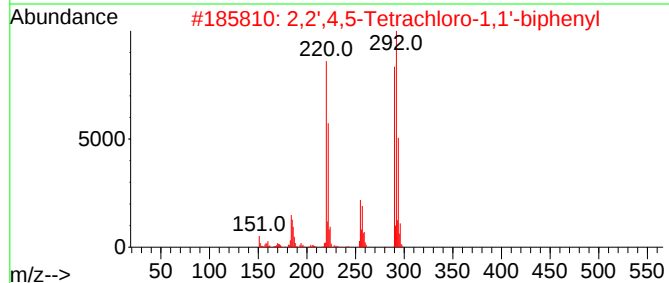
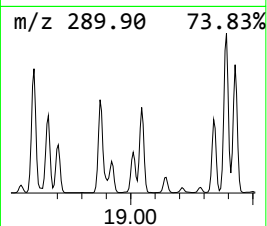
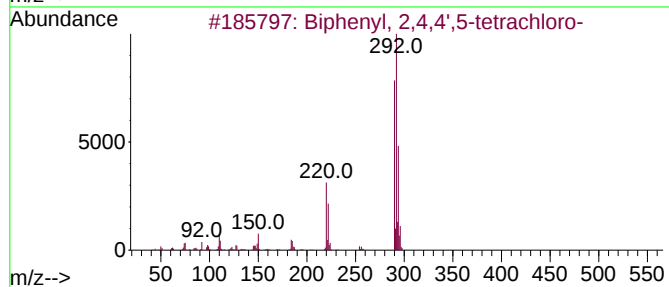
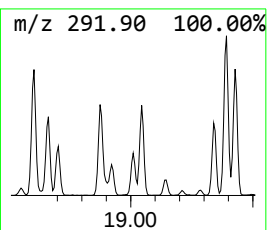
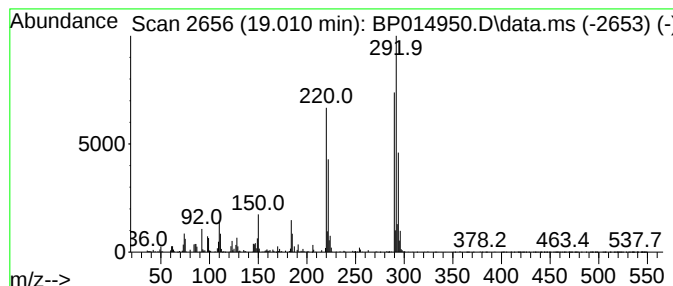
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.010	3.52 ng/ul	585034	Phenanthrene-d10	17.563	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

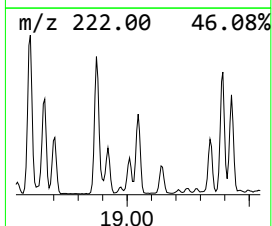
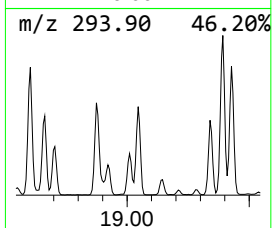
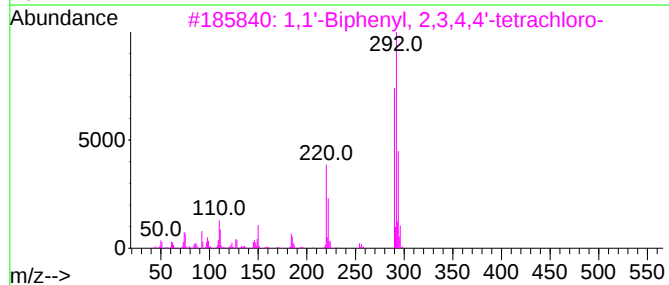
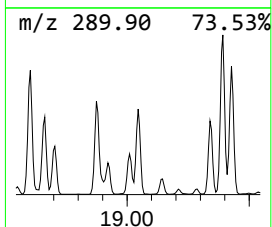
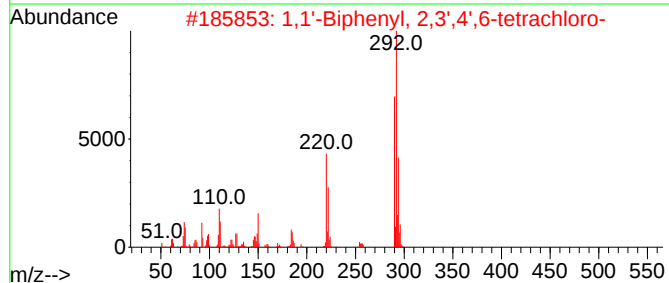
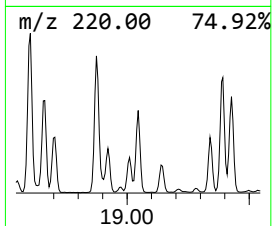
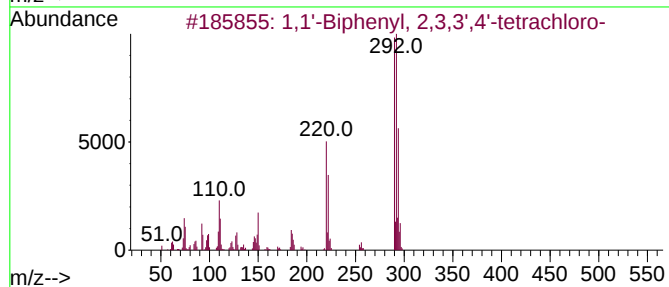
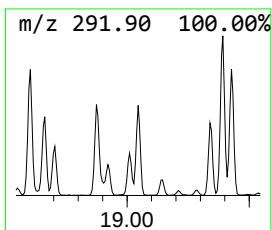
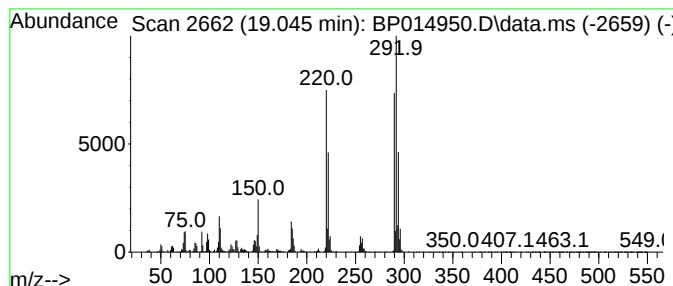
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 1,1'-Biphenyl, 2,3,4,4'-tet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.045	7.87 ng/ul	1306640	Phenanthrene-d10	17.563	
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	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
3	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99
4	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW935

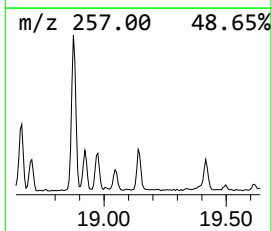
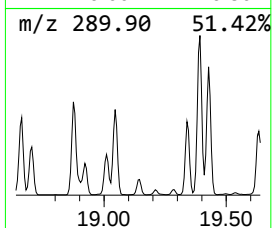
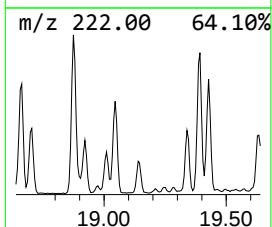
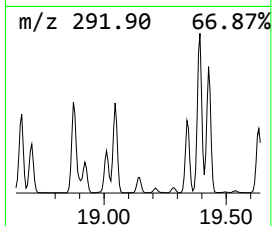
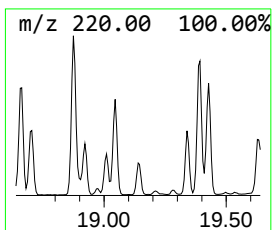
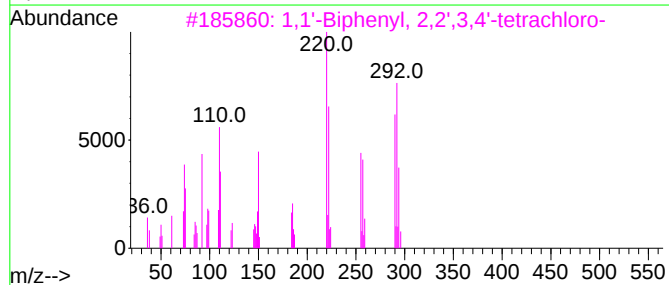
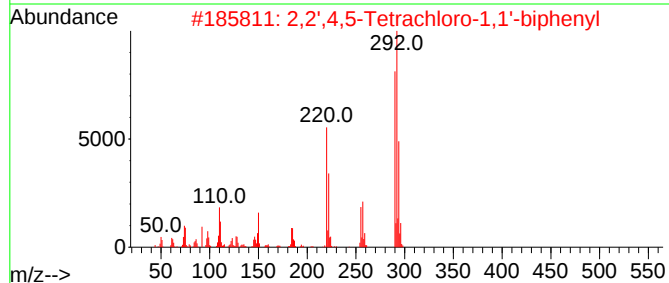
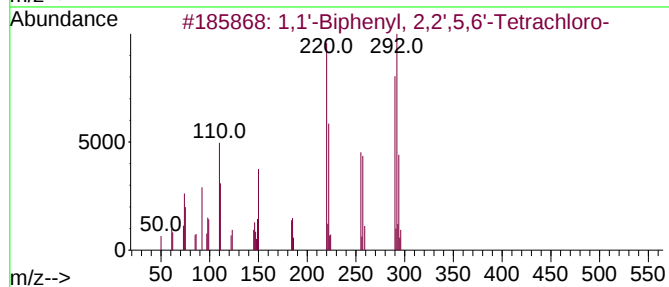
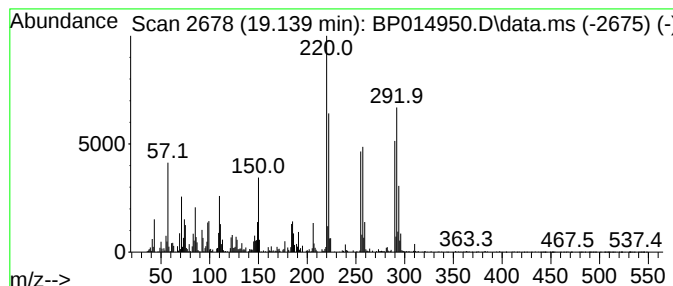
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1,1'-Biphenyl, 2,2',5,6'-Te... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.139	3.73 ng/ul	620276	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99		
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	98		
3	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	98		
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	97		
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	97		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

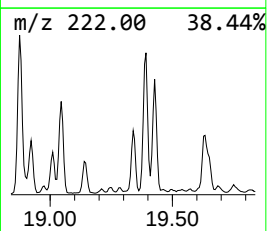
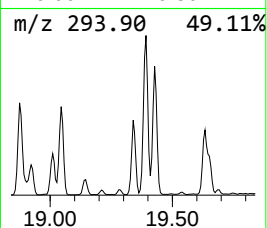
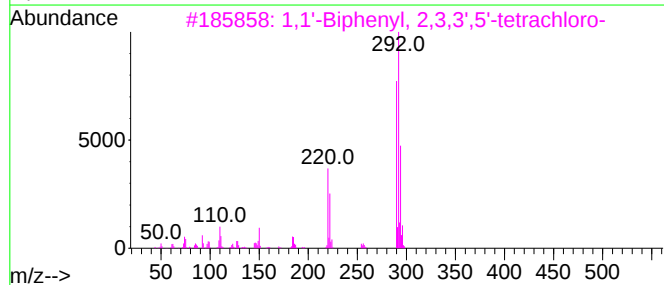
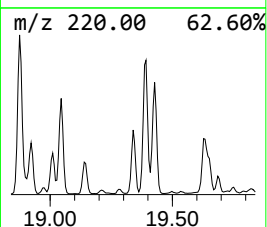
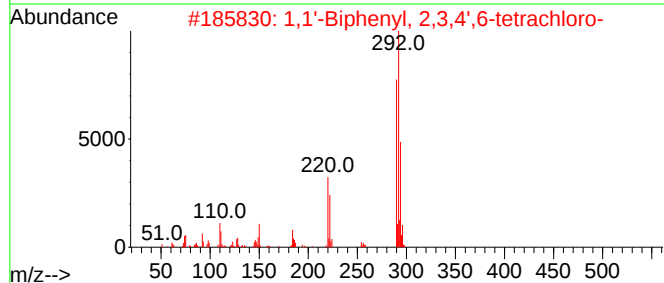
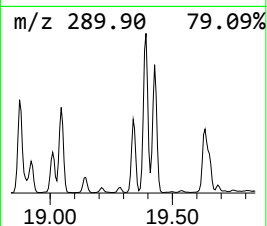
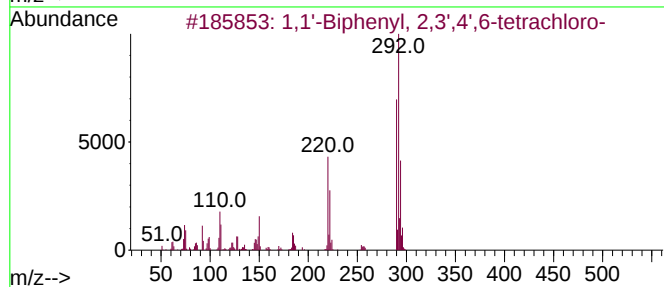
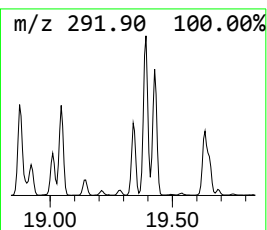
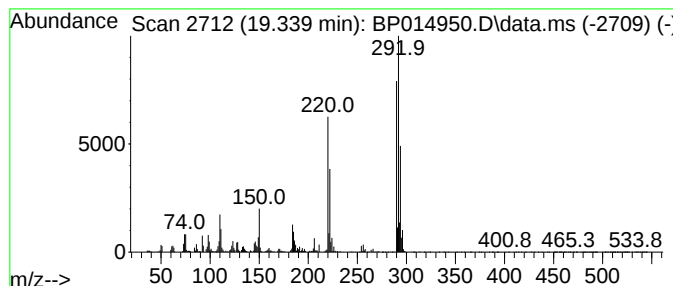
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.339	5.50 ng/ul	914338	Phenanthrene-d10	17.563	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

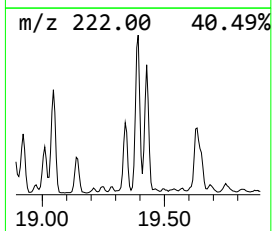
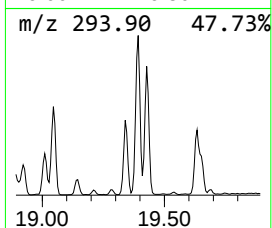
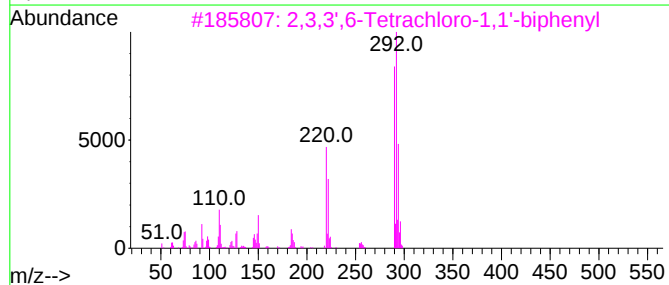
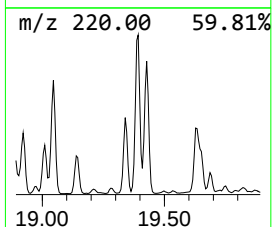
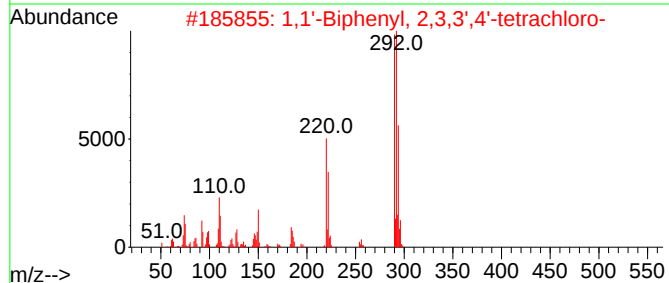
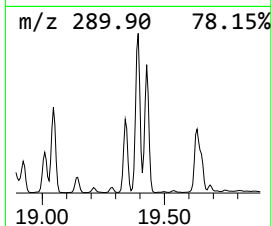
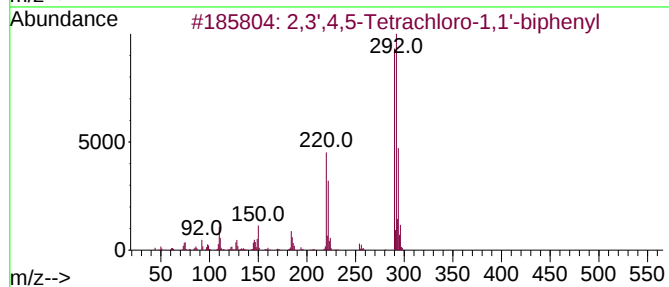
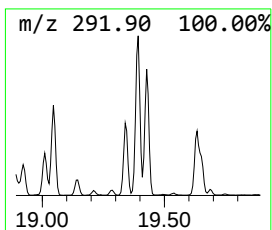
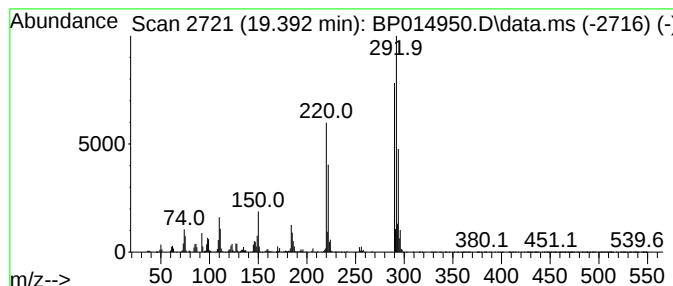
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.392	14.54 ng/ul	2414560	Phenanthrene-d10	17.563	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
5	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

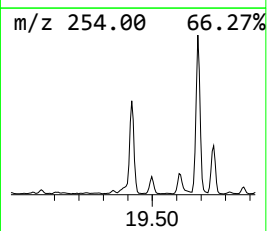
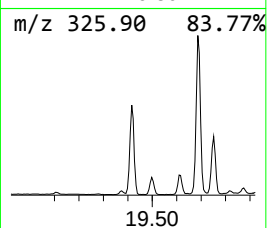
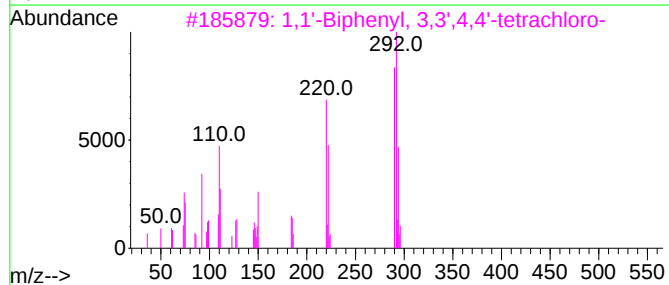
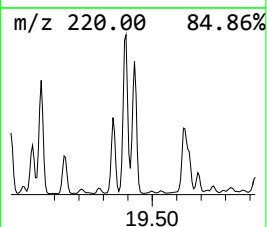
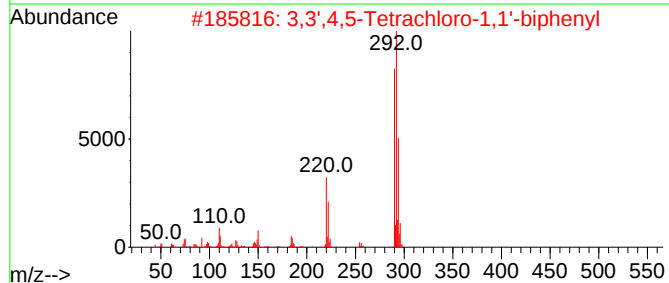
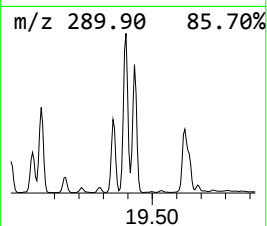
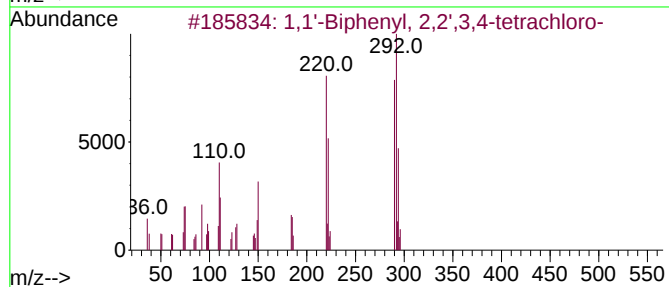
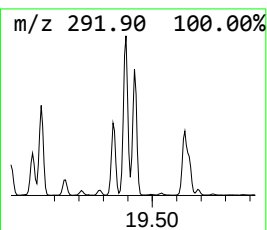
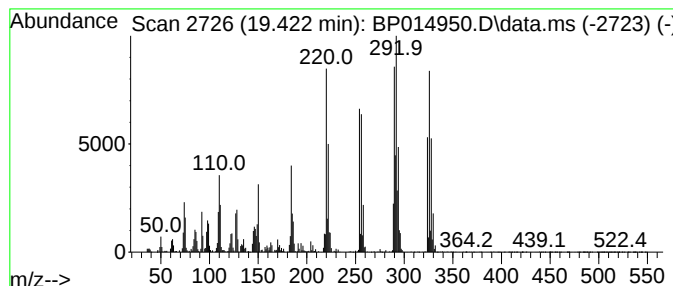
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.422	18.14 ng/ul	3013040	Phenanthrene-d10	17.563	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	97
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	97
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	97
4	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	97
5	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

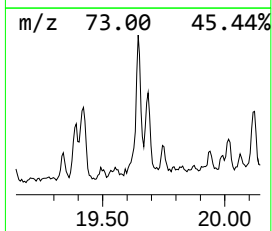
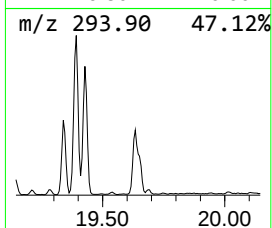
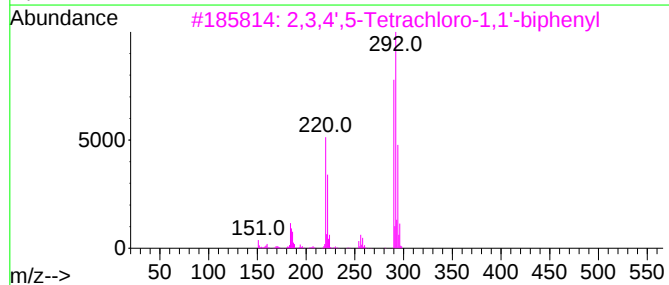
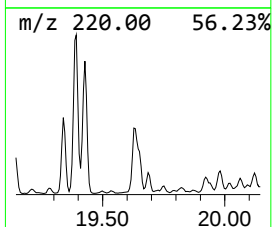
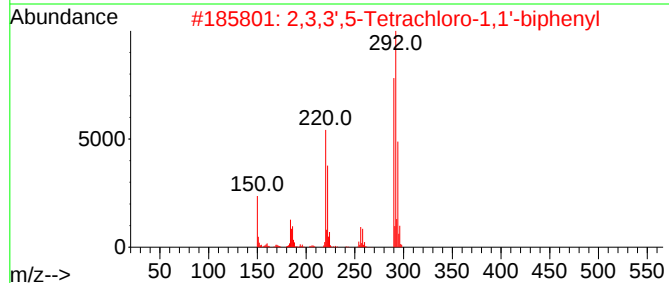
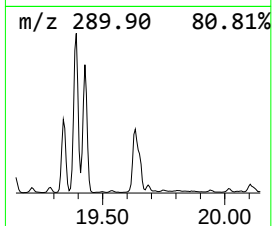
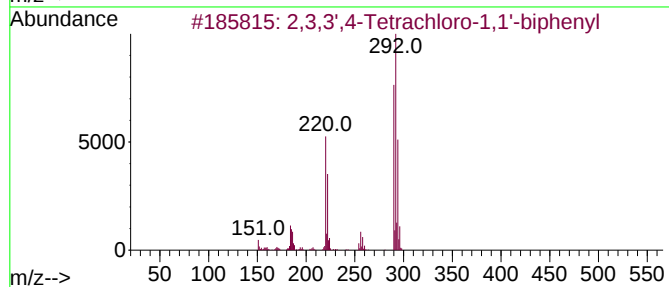
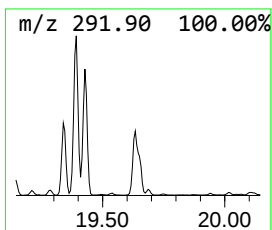
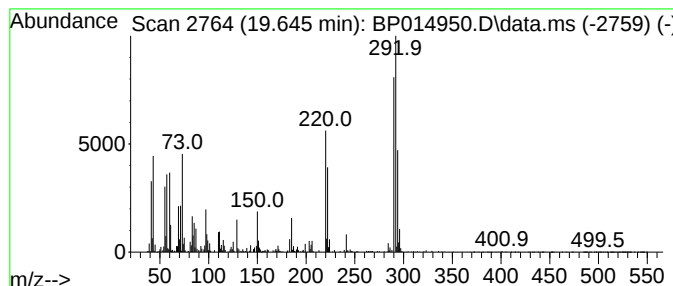
Instrument :
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ClientSampleId :
EW935

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 2,3,3',4-Tetrachloro-1,1'-b... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.645	7.12 ng/ul	1609810	Chrysene-d12	21.645	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	94
2	2,3,3',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070424-67-8	94
3	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	94
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	94
5	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

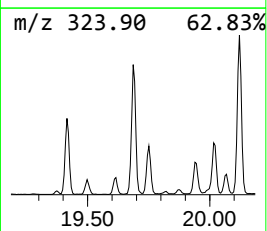
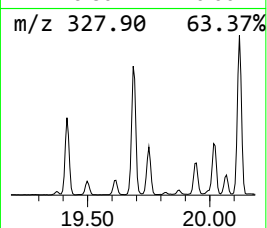
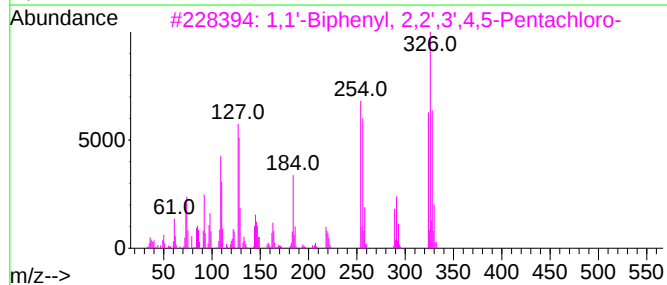
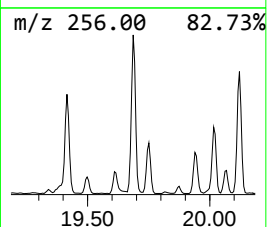
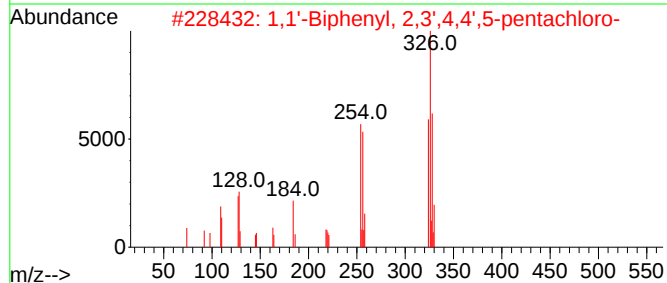
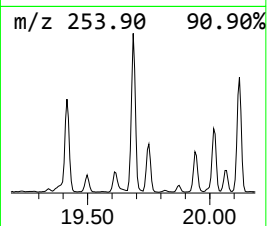
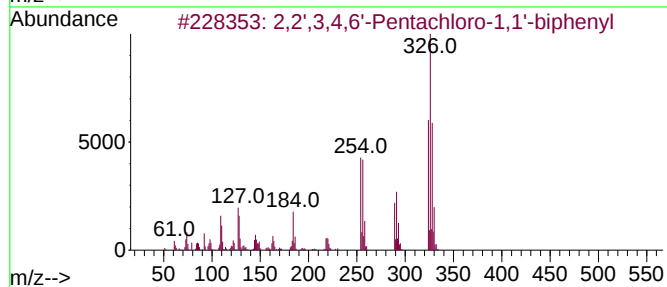
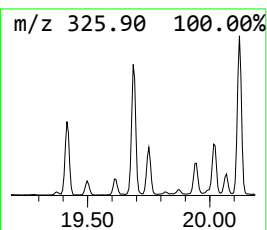
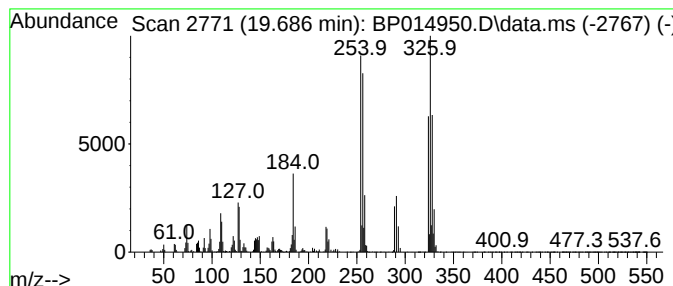
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 2,2',3,4,6'-Pentachloro-1,1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.686	11.29 ng/ul	2555190	Chrysene-d12	21.645	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
4	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	98
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

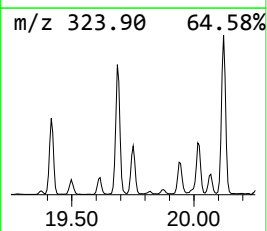
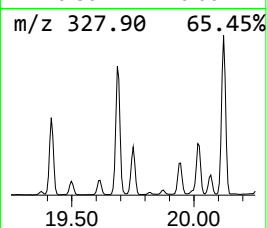
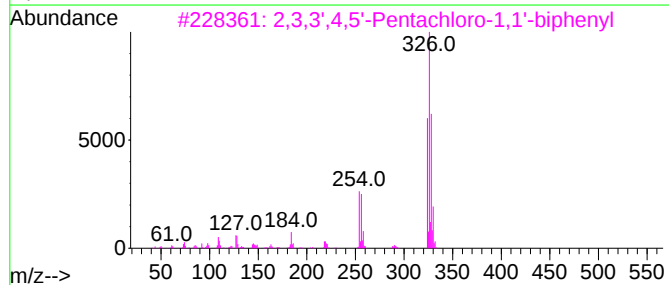
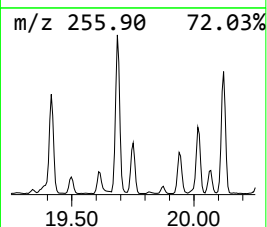
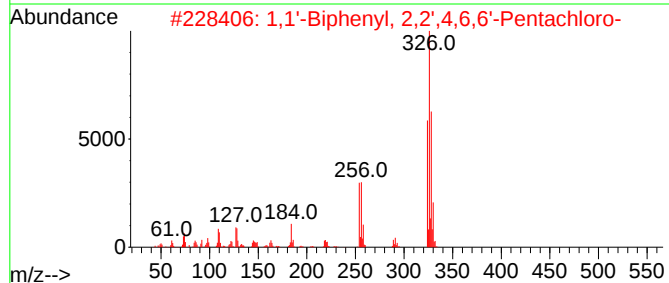
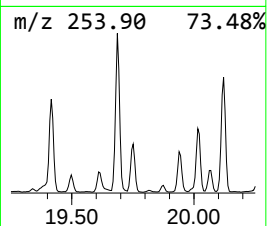
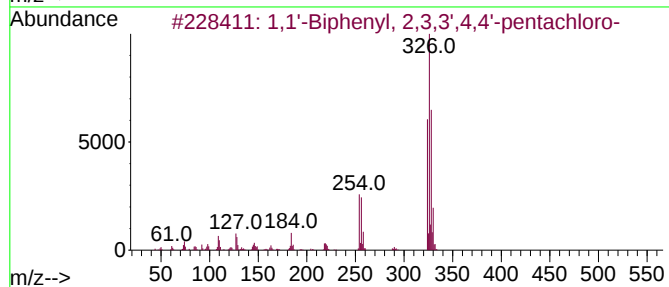
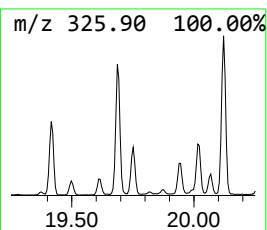
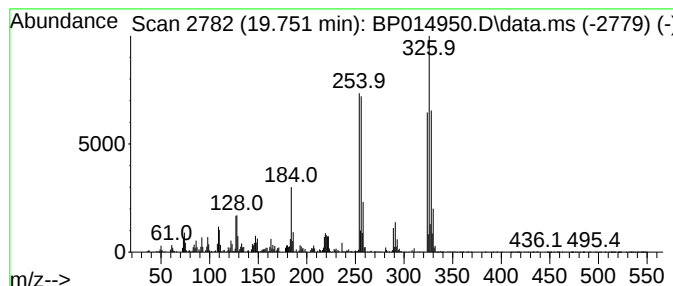
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.751	3.12 ng/ul	705843	Chrysene-d12	21.645	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
3	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
4	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	99
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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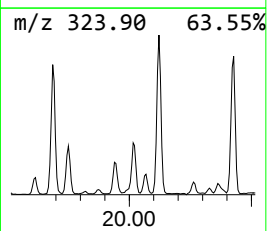
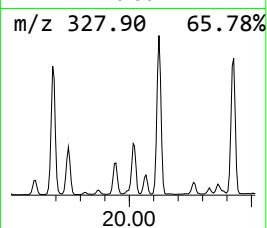
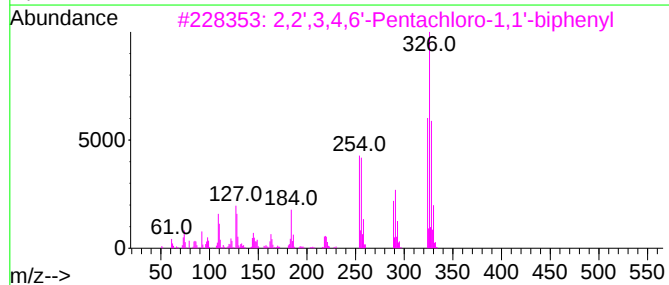
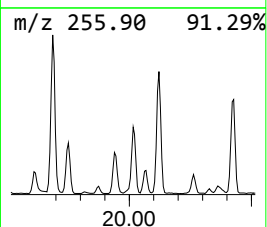
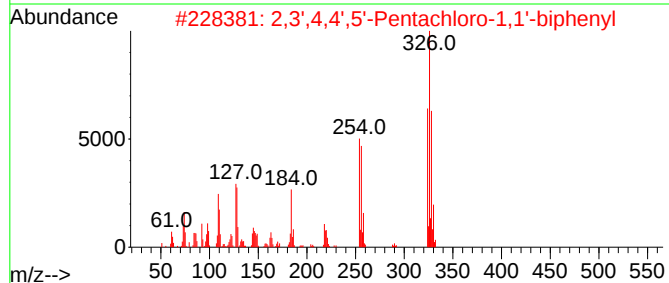
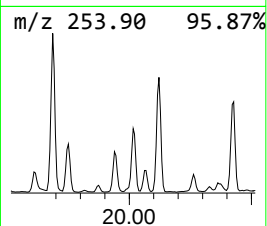
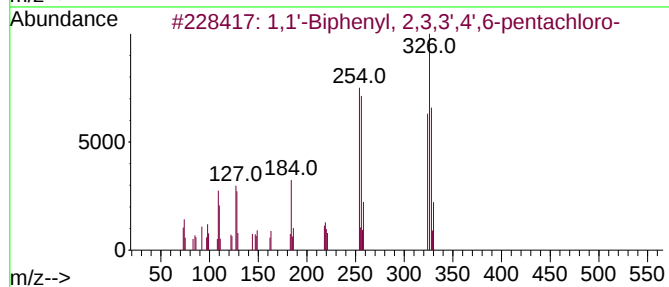
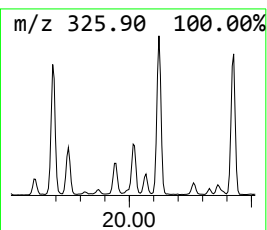
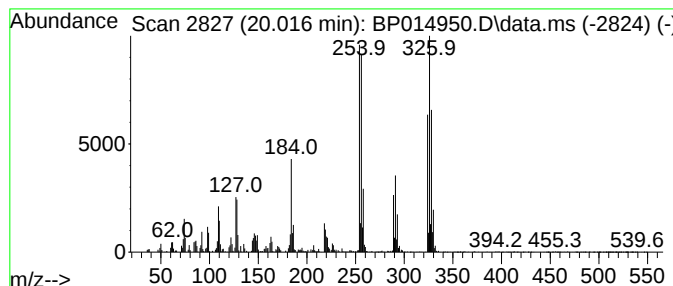
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.016	4.27 ng/ul	967088	Chrysene-d12	21.645

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	2,3,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	065510-44-3	99		
3	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99		
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99		
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

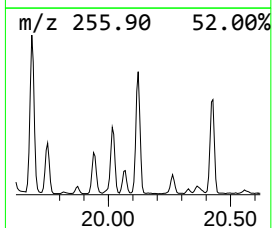
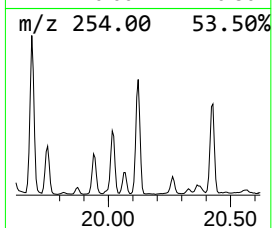
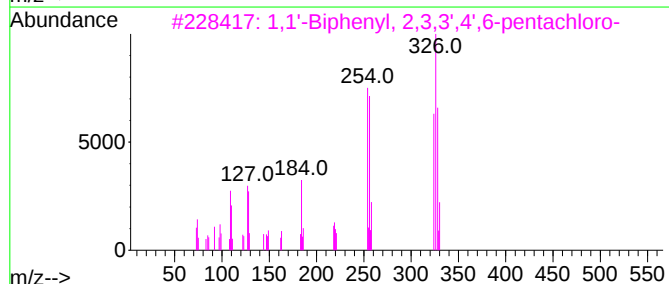
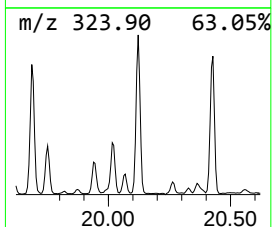
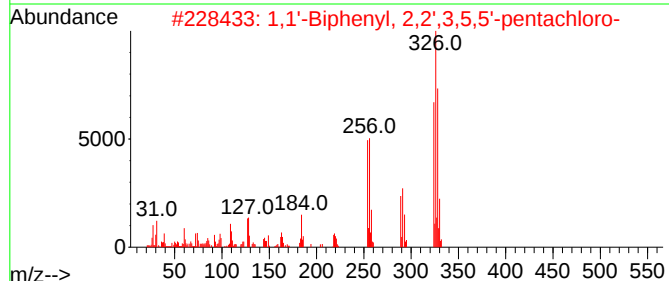
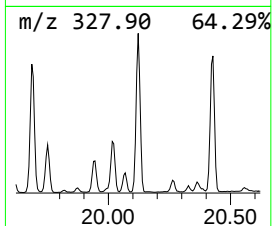
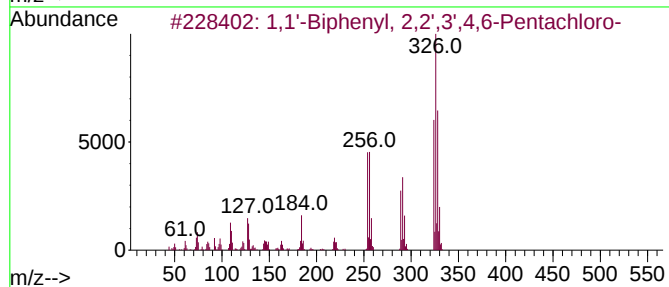
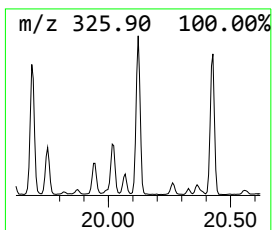
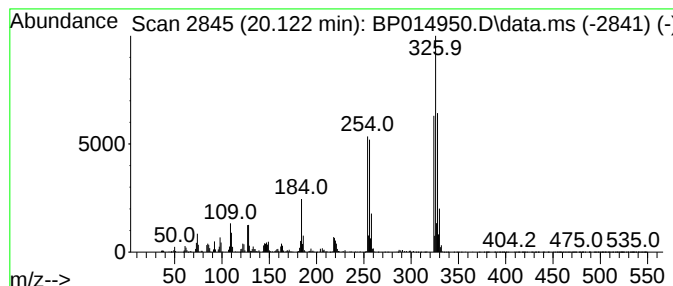
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 1,1'-Biphenyl, 2,2',3',4,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.122	9.01 ng/ul	2037350	Chrysene-d12	21.645	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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Acq On : 04 May 2023 13:53
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Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

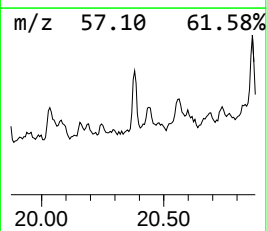
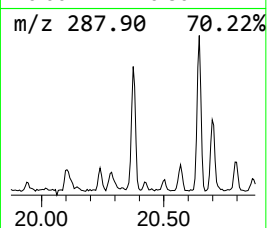
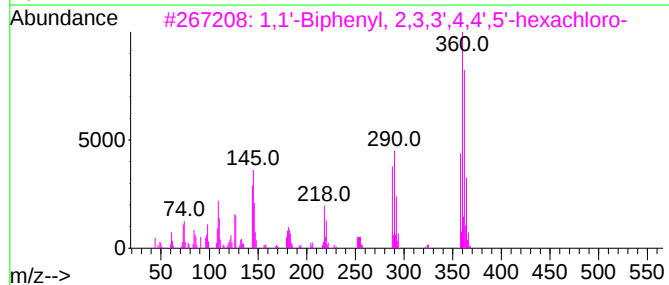
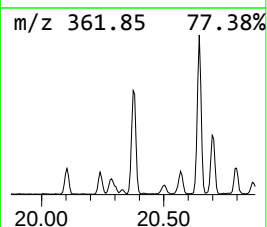
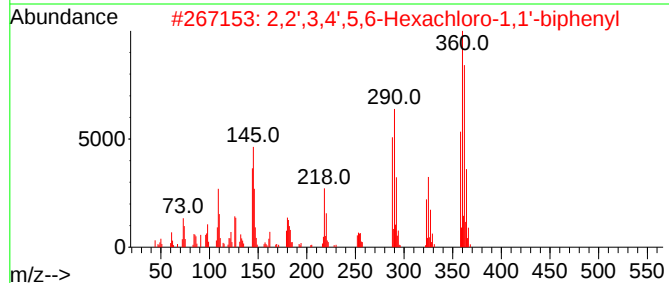
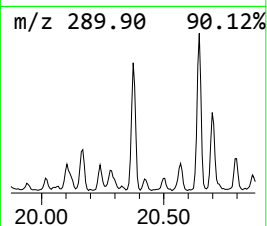
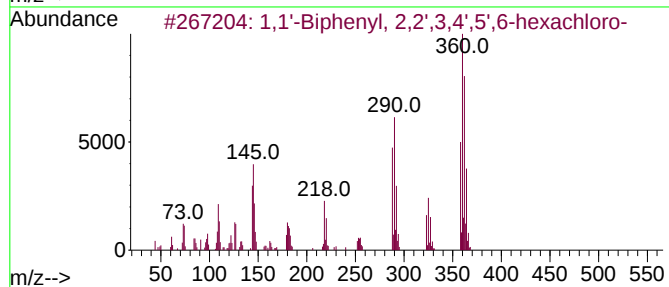
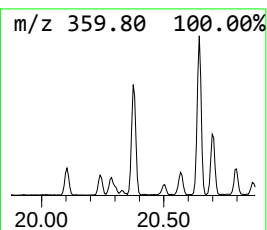
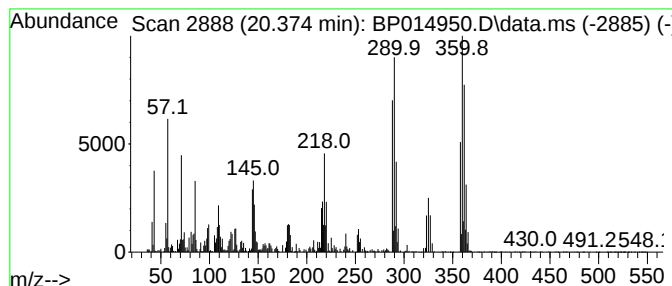
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 1,1'-Biphenyl, 2,2',3,4',5'... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.375	5.88 ng/ul	1330280	Chrysene-d12	21.645	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
2	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
3	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
4	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
5	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

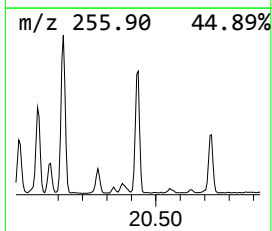
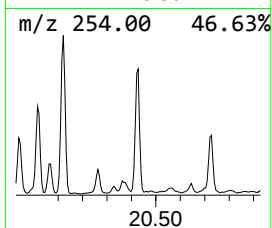
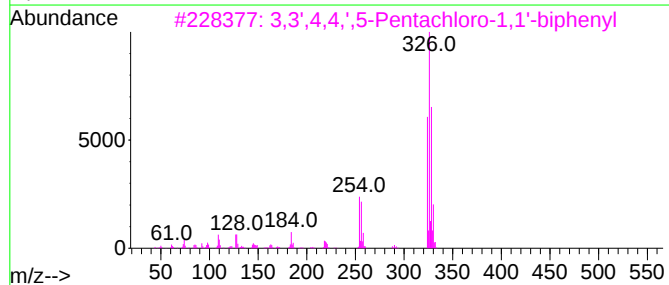
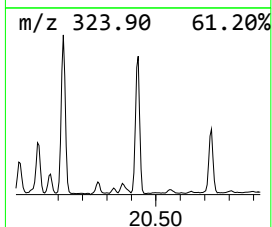
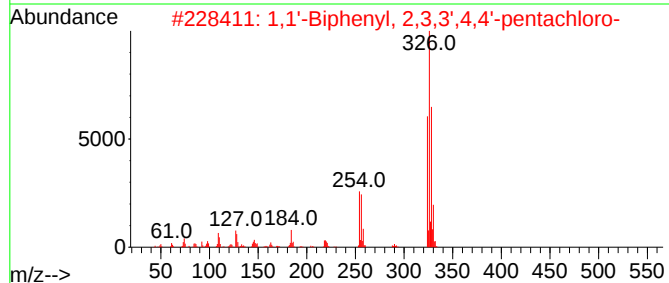
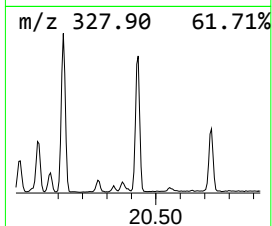
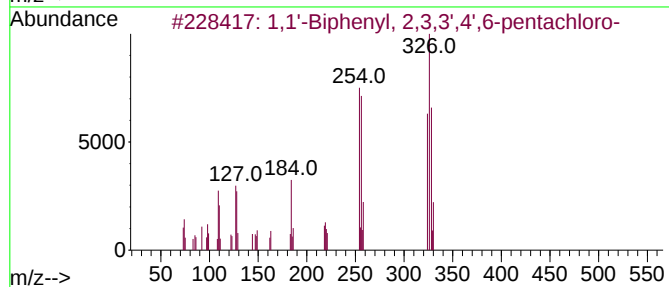
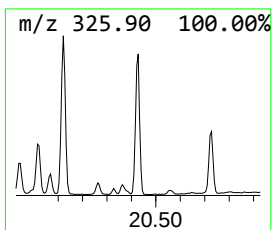
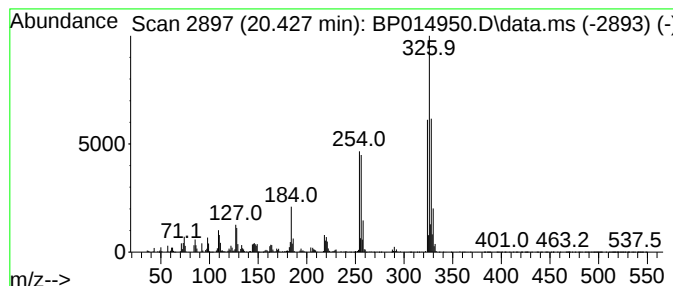
Instrument :
BNA_P
ClientSampleId :
EW935

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 3,3',4,4',5-Pentachloro-1,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.427	8.42 ng/ul	1904410	Chrysene-d12	21.645	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

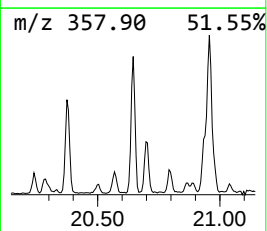
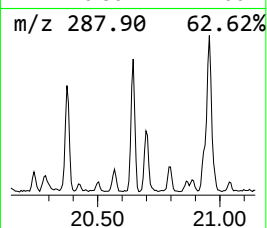
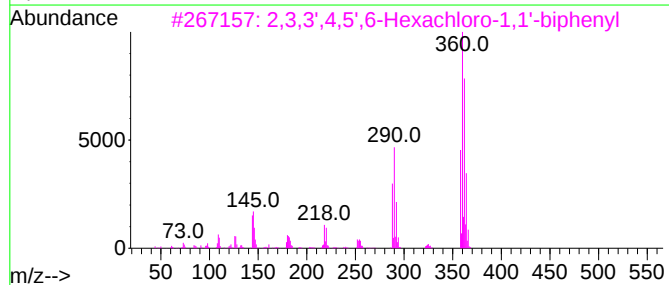
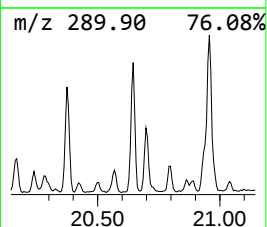
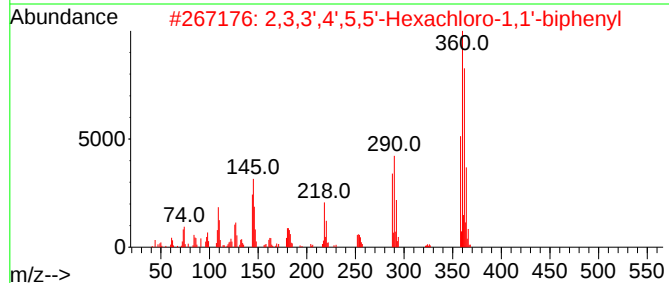
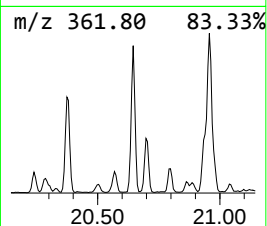
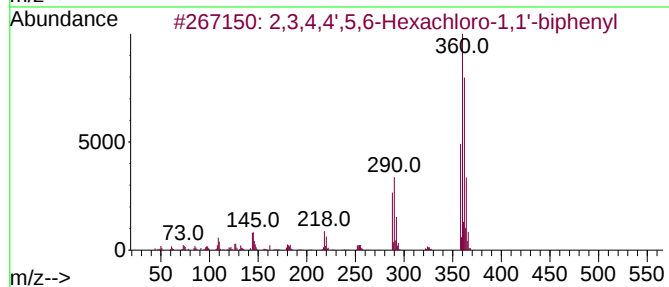
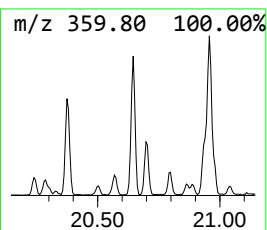
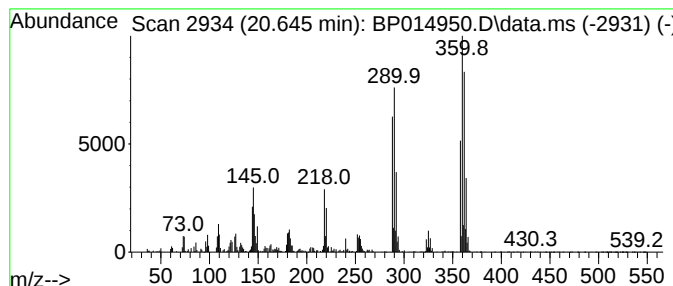
Instrument :
BNA_P
ClientSampleId :
EW935

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 32 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.645	3.79 ng/ul	857861	Chrysene-d12	21.645	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
3	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

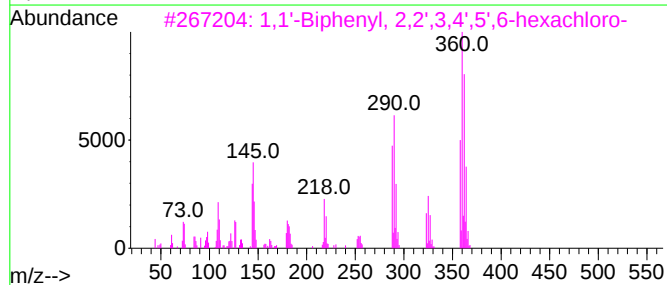
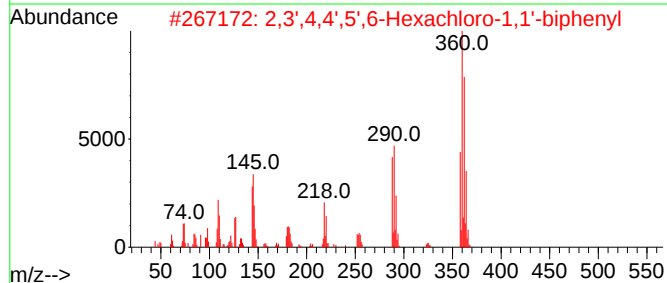
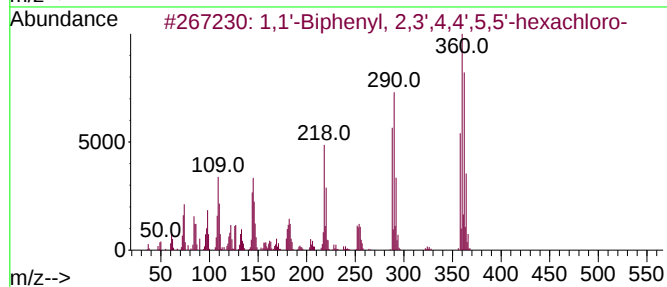
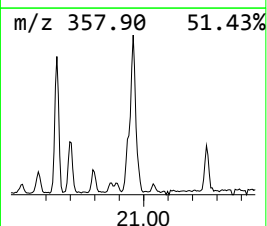
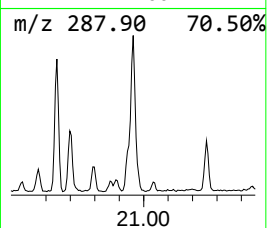
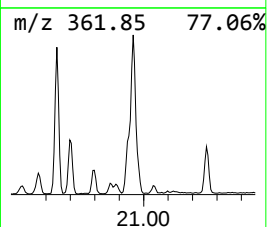
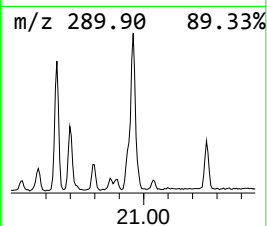
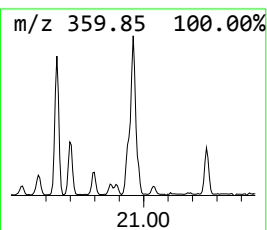
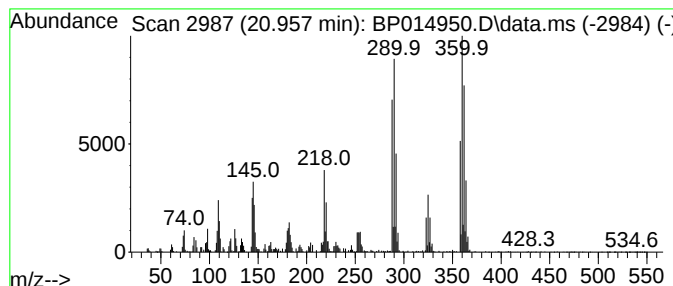
Instrument :
BNA_P
ClientSampleId :
EW935

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 33 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.957	5.39 ng/ul	1219370	Chrysene-d12	21.645
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358 C12H4Cl6	052663-72-6	99
2	2,3',4,4',5,6-Hexachloro-1,1'-b...	358 C12H4Cl6	059291-65-5	99
3	1,1'-Biphenyl, 2,2',3,4',5,6-he...	358 C12H4Cl6	038380-04-0	99
4	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358 C12H4Cl6	068194-13-8	99
5	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358 C12H4Cl6	069782-90-7	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014950.D
Acq On : 04 May 2023 13:53
Operator : CG/JU
Sample : 02447-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW935

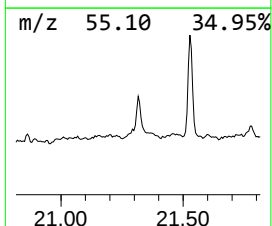
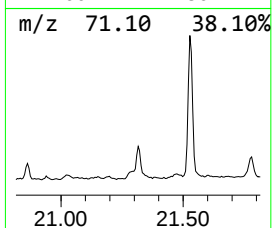
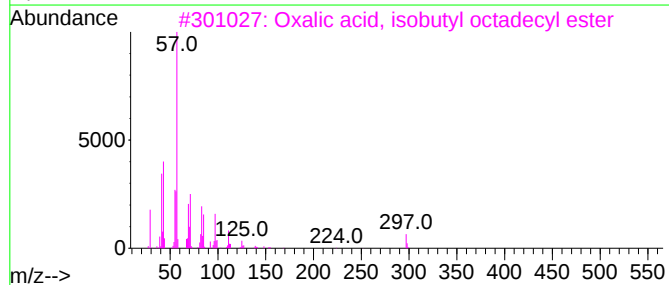
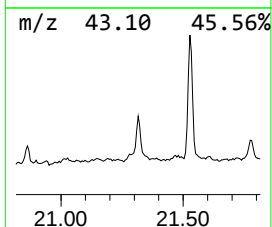
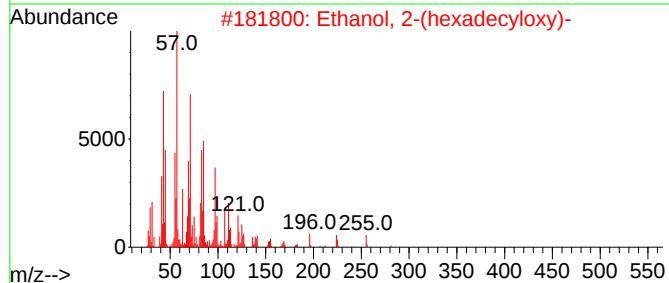
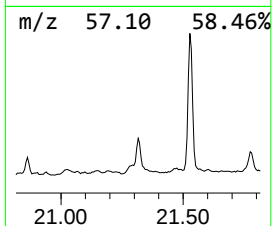
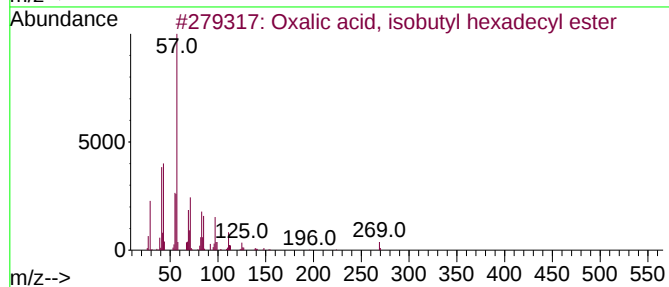
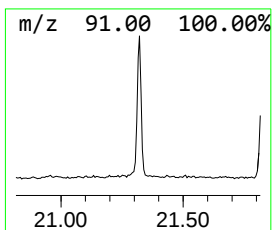
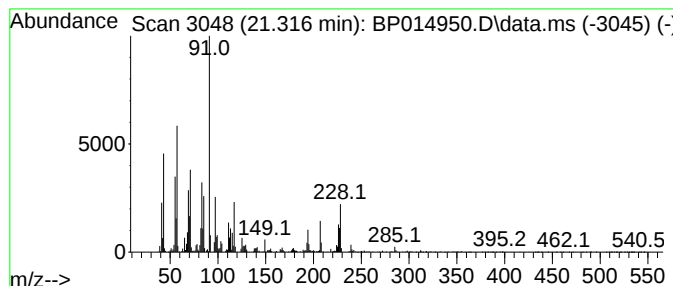
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 34 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.316	6.34 ng/ul	1434880	Chrysene-d12	21.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	41
2			Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	41
3			Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	38
4			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	38
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014950.D
 Acq On : 04 May 2023 13:53
 Operator : CG/JU
 Sample : 02447-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW935

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.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...	13.622	2.3	ng/ul	255681	3	14.810	2241880	20.0
1,1'-Biphenyl, ...	16.057	3.7	ng/ul	418124	3	14.810	2241880	20.0
Benzophenone	16.163	7.7	ng/ul	861655	3	14.810	2241880	20.0
(DEL) Alkane: S...	16.528	2.6	ng/ul	428109	4	17.563	3321910	20.0
1,1'-Biphenyl, ...	16.786	2.7	ng/ul	453501	4	17.563	3321910	20.0
1,1'-Biphenyl, ...	17.433	5.3	ng/ul	871720	4	17.563	3321910	20.0
2,3',6-Trichlor...	17.469	2.4	ng/ul	401063	4	17.563	3321910	20.0
1,1'-Biphenyl, ...	18.151	38.6	ng/ul	6404670	4	17.563	3321910	20.0
1,1'-Biphenyl, ...	18.275	8.1	ng/ul	1340410	4	17.563	3321910	20.0
1,1'-Biphenyl, ...	18.392	7.8	ng/ul	1292040	4	17.563	3321910	20.0
1,1'-Biphenyl, ...	18.604	17.4	ng/ul	2892010	4	17.563	3321910	20.0
1,1'-Biphenyl, ...	18.657	10.1	ng/ul	1680090	4	17.563	3321910	20.0
1,1'-Biphenyl, ...	18.704	6.6	ng/ul	1099050	4	17.563	3321910	20.0
1,1'-Biphenyl, ...	18.875	14.7	ng/ul	2442200	4	17.563	3321910	20.0
1,1'-Biphenyl, ...	18.922	3.5	ng/ul	573631	4	17.563	3321910	20.0
1,1'-Biphenyl, ...	18.974	6.4	ng/ul	1061080	4	17.563	3321910	20.0
Biphenyl, 2,4,4...	19.010	3.5	ng/ul	585034	4	17.563	3321910	20.0
1,1'-Biphenyl, ...	19.045	7.9	ng/ul	1306640	4	17.563	3321910	20.0
1,1'-Biphenyl, ...	19.139	3.7	ng/ul	620276	4	17.563	3321910	20.0
1,1'-Biphenyl, ...	19.339	5.5	ng/ul	914338	4	17.563	3321910	20.0
2,3',4,5-Tetrac...	19.392	14.5	ng/ul	2414560	4	17.563	3321910	20.0
1,1'-Biphenyl, ...	19.422	18.1	ng/ul	3013040	4	17.563	3321910	20.0
2,3,3',4-Tetrac...	19.645	7.1	ng/ul	1609810	5	21.645	4524760	20.0
2,2',3,4,6'-Pen...	19.686	11.3	ng/ul	2555190	5	21.645	4524760	20.0
1,1'-Biphenyl, ...	19.751	3.1	ng/ul	705843	5	21.645	4524760	20.0
1,1'-Biphenyl, ...	20.016	4.3	ng/ul	967088	5	21.645	4524760	20.0
1,1'-Biphenyl, ...	20.122	9.0	ng/ul	2037350	5	21.645	4524760	20.0
1,1'-Biphenyl, ...	20.375	5.9	ng/ul	1330280	5	21.645	4524760	20.0
3,3',4,4',5-Pe...	20.427	8.4	ng/ul	1904410	5	21.645	4524760	20.0
2,3,4,4',5,6-He...	20.645	3.8	ng/ul	857861	5	21.645	4524760	20.0
1,1'-Biphenyl, ...	20.957	5.4	ng/ul	1219370	5	21.645	4524760	20.0
unknown-01	21.316	6.3	ng/ul	1434880	5	21.645	4524760	20.0