

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057273.D
 Acq On : 2 May 2023 10:58
 Operator : CG/JU
 Sample : 02419-27
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW924

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_G\Methods\SFAM-EPA-BG042823.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG057273.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.218	111	116	121	rBV2	4800	7943	1.49%	0.103%
2	4.348	134	138	142	rVB2	2441	3228	0.61%	0.042%
3	7.520	672	678	687	rVV	30911	55423	10.41%	0.722%
4	7.684	698	706	711	rBV2	23179	43464	8.16%	0.566%
5	7.907	737	744	750	rBV2	27548	47056	8.84%	0.613%
6	8.383	819	825	835	rVB	60872	103617	19.46%	1.350%
7	9.082	938	944	953	rBV2	32232	56635	10.63%	0.738%
8	9.212	959	966	970	rBV3	4514	8221	1.54%	0.107%
9	9.558	1018	1025	1035	rVV	32713	61237	11.50%	0.798%
10	10.287	1141	1149	1159	rBV2	25098	45309	8.51%	0.590%
11	10.833	1236	1242	1249	rBV2	38312	64526	12.12%	0.841%
12	11.144	1291	1295	1301	rVB3	2863	4264	0.80%	0.056%
13	11.221	1301	1308	1314	rBV	86694	153508	28.82%	2.000%
14	11.344	1322	1329	1338	rBV5	10784	21830	4.10%	0.284%
15	12.178	1466	1471	1478	rVB3	3479	5726	1.08%	0.075%
16	12.566	1533	1537	1545	rVB2	6386	9739	1.83%	0.127%
17	12.783	1567	1574	1577	rBV2	1392	2815	0.53%	0.037%
18	12.848	1580	1585	1589	rBV2	2982	4326	0.81%	0.056%
19	13.059	1614	1621	1627	rBV2	2197	4039	0.76%	0.053%
20	13.447	1681	1687	1692	rBV4	2311	3710	0.70%	0.048%
21	13.506	1692	1697	1703	rBV4	7597	15538	2.92%	0.202%
22	13.782	1739	1744	1751	rBV2	9097	15082	2.83%	0.197%
23	13.899	1761	1764	1769	rVB3	2915	3568	0.67%	0.046%
24	14.105	1795	1799	1804	rBV2	2789	4269	0.80%	0.056%
25	14.175	1806	1811	1817	rVB6	2288	3993	0.75%	0.052%
26	14.311	1827	1834	1839	rBV3	29797	43690	8.20%	0.569%
27	14.375	1839	1845	1851	rVV	83907	122263	22.96%	1.593%
28	14.428	1851	1854	1858	rVV4	8307	12330	2.32%	0.161%
29	14.587	1877	1881	1886	rVB4	3218	4273	0.80%	0.056%
30	14.692	1892	1899	1909	rBV2	96709	152936	28.72%	1.993%
31	14.839	1920	1924	1929	rVV	10112	12936	2.43%	0.169%
32	14.992	1942	1950	1960	rBV	143896	264508	49.67%	3.446%
33	15.063	1960	1962	1967	rVB5	3900	4524	0.85%	0.059%
34	15.186	1977	1983	1991	rBV5	11867	23249	4.37%	0.303%
35	15.268	1993	1997	1999	rVV4	2475	3586	0.67%	0.047%
36	15.327	2003	2007	2012	rVV7	3270	5501	1.03%	0.072%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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37	15.380	2012	2016	2022	rVB6	4966	9709	1.82%	0.126%
38	15.450	2022	2028	2038	rBV6	4758	10908	2.05%	0.142%
39	15.591	2049	2052	2055	rBV3	2936	4087	0.77%	0.053%
40	15.650	2058	2062	2067	rVV6	3423	5063	0.95%	0.066%

41	15.744	2074	2078	2080	rBV3	3138	4630	0.87%	0.060%
42	15.785	2080	2085	2089	rVV3	13382	21264	3.99%	0.277%
43	15.979	2112	2118	2124	rVV	120482	186960	35.10%	2.436%
44	16.026	2124	2126	2132	rVV5	5129	7880	1.48%	0.103%
45	16.096	2133	2138	2142	rVV7	7640	11157	2.09%	0.145%

46	16.190	2147	2154	2157	rVV3	11624	19928	3.74%	0.260%
47	16.226	2157	2160	2167	rVB4	9036	12847	2.41%	0.167%
48	16.326	2172	2177	2182	rBV	54628	75439	14.16%	0.983%
49	16.373	2182	2185	2188	rBV5	2751	3549	0.67%	0.046%
50	16.419	2188	2193	2198	rVB	63078	86024	16.15%	1.121%

51	16.666	2226	2235	2242	rBV3	31076	76715	14.40%	1.000%
52	16.778	2251	2254	2255	rBV2	3886	3749	0.70%	0.049%
53	16.831	2260	2263	2267	rVV6	6785	7841	1.47%	0.102%
54	16.901	2271	2275	2277	rVV4	5137	6469	1.21%	0.084%
55	16.948	2279	2283	2286	rVV	17344	21891	4.11%	0.285%

56	17.254	2330	2335	2339	rBV6	13748	22873	4.29%	0.298%
57	17.295	2339	2342	2347	rVV7	7630	10460	1.96%	0.136%
58	17.389	2354	2358	2360	rVV5	4762	6160	1.16%	0.080%
59	17.436	2362	2366	2371	rVV4	18570	33725	6.33%	0.439%
60	17.483	2371	2374	2379	rVB	23176	32311	6.07%	0.421%

61	17.594	2389	2393	2396	rBV2	33485	45513	8.55%	0.593%
62	17.630	2396	2399	2403	rVB2	19750	24129	4.53%	0.314%
63	17.706	2407	2412	2413	rBV	46448	64125	12.04%	0.835%
64	17.735	2413	2417	2421	rVV	166293	262804	49.35%	3.424%
65	17.776	2421	2424	2428	rVV	54510	78750	14.79%	1.026%

66	17.829	2428	2433	2439	rVV2	115974	186559	35.03%	2.431%
67	17.894	2440	2444	2453	rVB2	69347	107979	20.27%	1.407%
68	18.164	2487	2490	2494	rBV3	30462	42427	7.97%	0.553%
69	18.317	2509	2516	2522	rBV2	236372	532576	100.00%	6.939%
70	18.440	2531	2537	2545	rBV4	48690	102359	19.22%	1.334%

71	18.517	2547	2550	2554	rVV5	10742	18703	3.51%	0.244%
72	18.564	2554	2558	2563	rVV2	80541	131300	24.65%	1.711%
73	18.622	2564	2568	2570	rVV5	35477	62905	11.81%	0.820%
74	18.652	2570	2573	2578	rVB	33111	45494	8.54%	0.593%
75	18.775	2589	2594	2600	rBV	175266	249815	46.91%	3.255%

76	18.834	2600	2604	2609	rVV4	102172	162455	30.50%	2.117%
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77	18.881	2609	2612	2618	rVB	58692	77091	14.48%	1.004%
78	19.057	2637	2642	2647	rBV	130503	202643	38.05%	2.640%
79	19.104	2647	2650	2654	rVV2	42889	60018	11.27%	0.782%
80	19.157	2656	2659	2663	rVV	62286	93042	17.47%	1.212%
81	19.192	2663	2665	2668	rVV2	42583	52317	9.82%	0.682%
82	19.233	2668	2672	2676	rVB	86706	118114	22.18%	1.539%
83	19.474	2710	2713	2715	rBV3	19832	23623	4.44%	0.308%
84	19.533	2719	2723	2727	rVV	57658	86613	16.26%	1.128%
85	19.580	2727	2731	2734	rVV	135355	203758	38.26%	2.655%
86	19.615	2734	2737	2744	rVB3	132693	226473	42.52%	2.951%
87	19.762	2758	2762	2767	rVB	130007	181632	34.10%	2.367%
88	19.833	2767	2774	2779	rBV5	54522	131302	24.65%	1.711%
89	19.885	2779	2783	2789	rVB	140309	185904	34.91%	2.422%
90	19.950	2790	2794	2797	rBV2	46378	56202	10.55%	0.732%
91	20.097	2814	2819	2822	rBV2	158860	260319	48.88%	3.392%
92	20.126	2822	2824	2831	rVB	151606	217699	40.88%	2.836%
93	20.220	2837	2840	2845	rVB3	55554	70719	13.28%	0.921%
94	20.326	2854	2858	2863	rVB	104533	139078	26.11%	1.812%
95	20.579	2899	2901	2906	rVV5	40352	48937	9.19%	0.638%
96	20.631	2907	2910	2917	rVB	91838	127457	23.93%	1.661%
97	20.861	2945	2949	2954	rVB3	51025	64088	12.03%	0.835%
98	21.201	3004	3007	3016	rVB3	52827	72479	13.61%	0.944%
99	21.871	3116	3121	3131	rVB	269299	408936	76.78%	5.328%
100	22.047	3143	3151	3156	rBV2	157366	368264	69.15%	4.798%

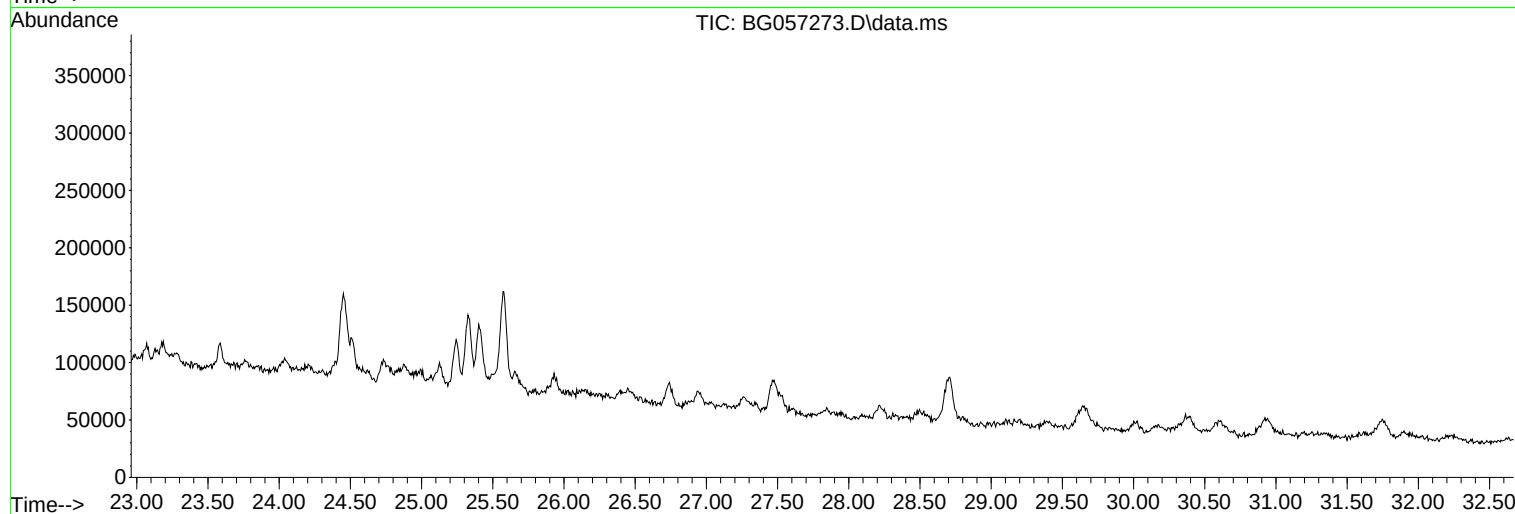
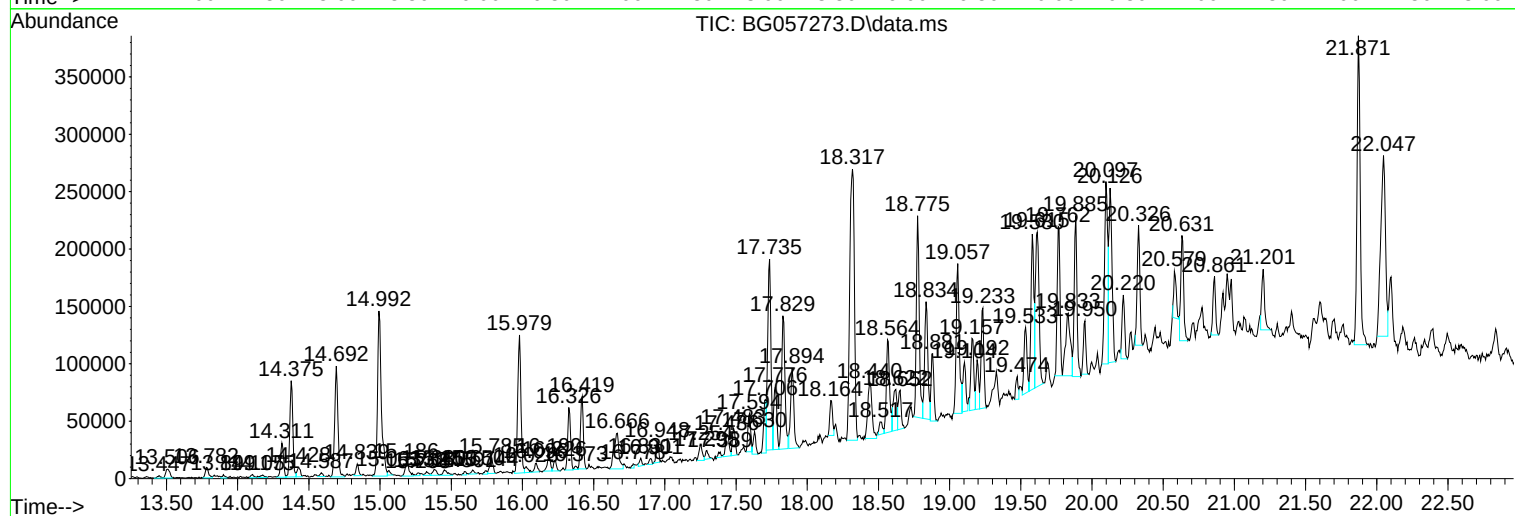
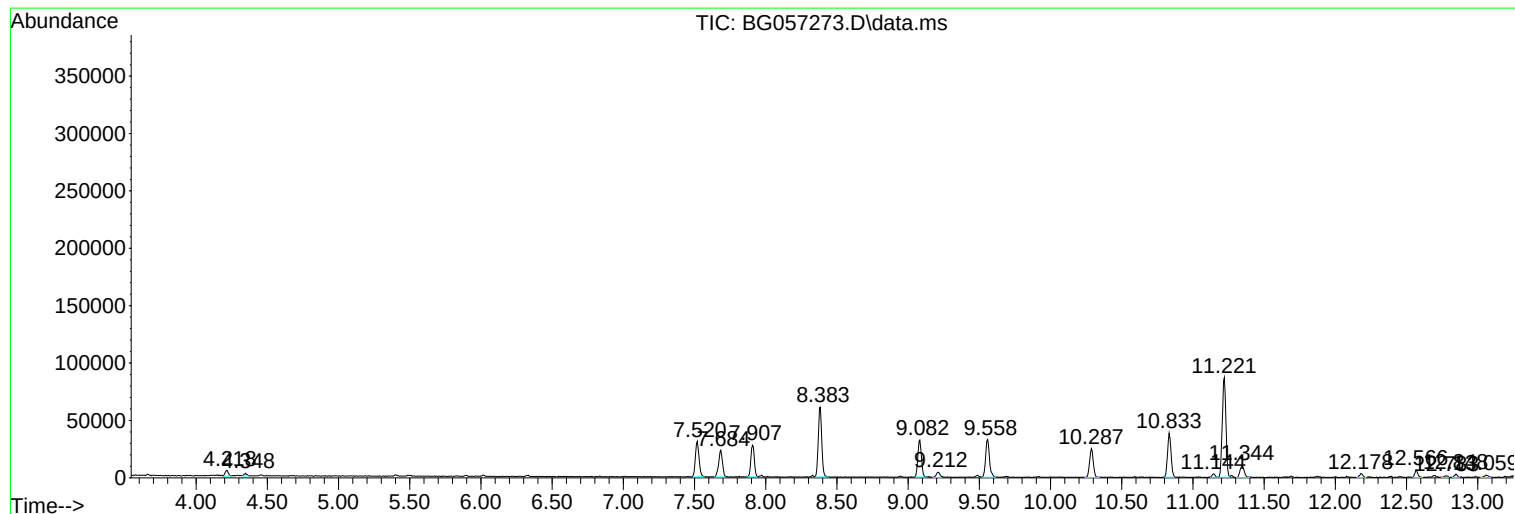
Sum of corrected areas: 7675102

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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



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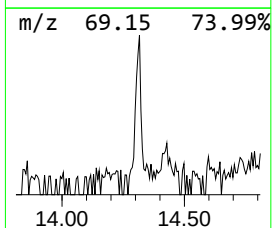
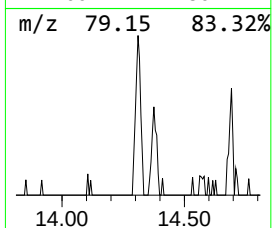
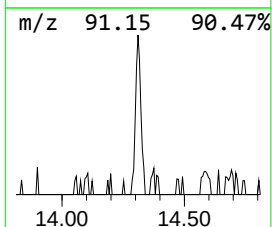
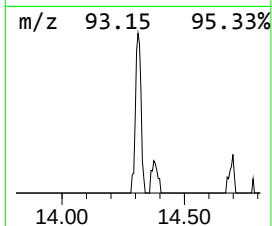
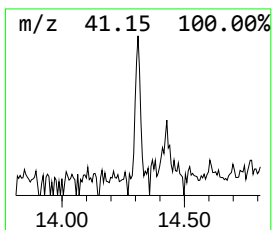
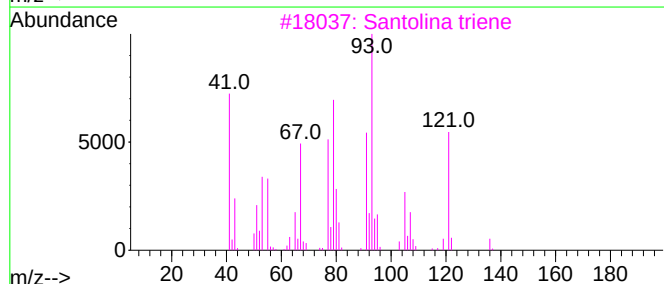
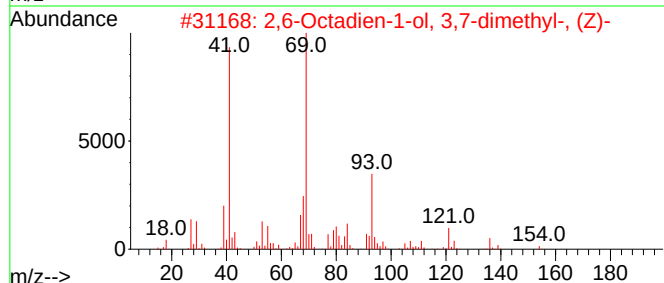
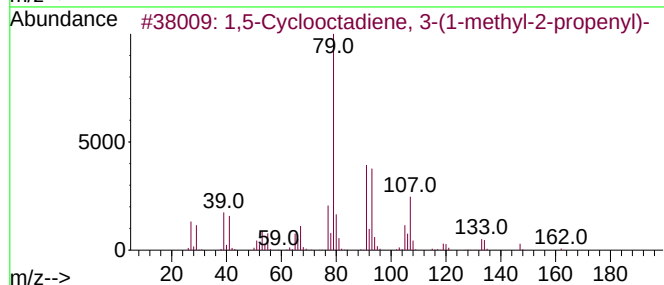
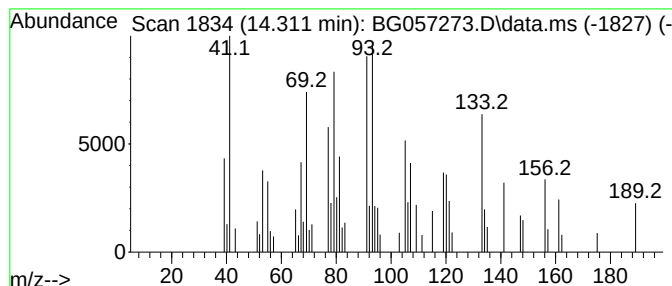
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.311	3.30 ng/ul	43690	Acenaphthene-d10	14.992

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5-Cyclooctadiene, 3-(1-methyl-...	162	C12H18	016538-88-8	30
2			2,6-Octadien-1-ol, 3,7-dimethyl-...	154	C10H18O	000106-25-2	27
3			Santolina triene	136	C10H16	002153-66-4	27
4			1-Methylene-2-vinylcyclopentane	108	C8H12	006196-78-7	27
5			1-Methyl-6-methylenebicyclo[3.2....	122	C9H14	1000210-90-0	25



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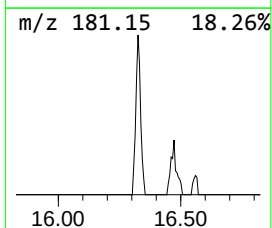
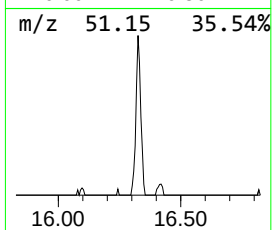
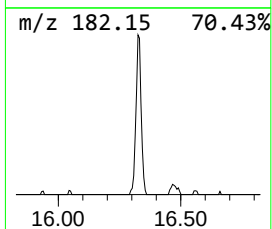
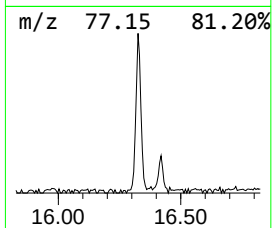
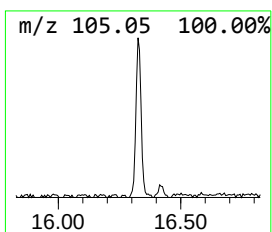
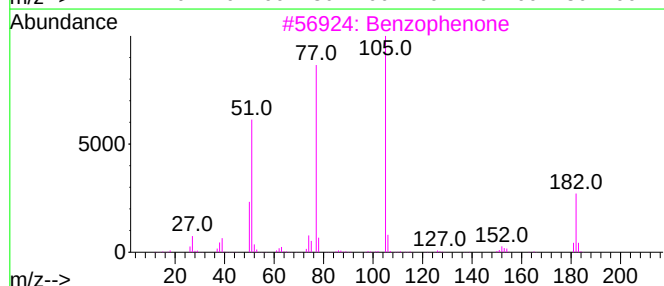
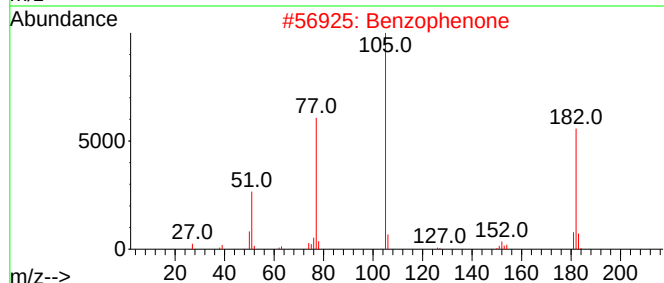
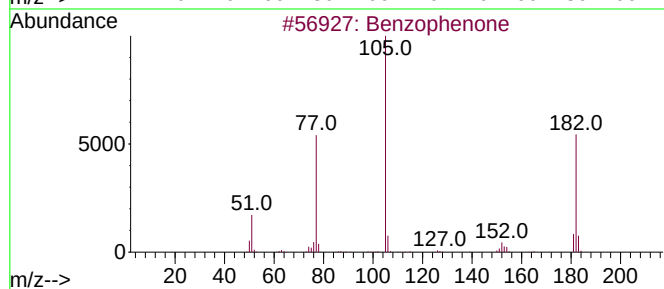
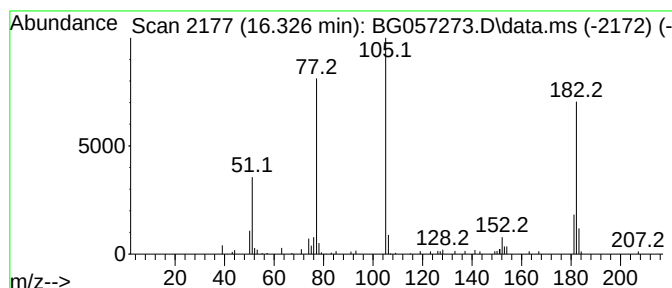
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.326	5.70 ng/ul	75439	Acenaphthene-d10	14.992

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Benzophenone	182	C13H10O	000119-61-9	93
3			Benzophenone	182	C13H10O	000119-61-9	91
4			Benzophenone	182	C13H10O	000119-61-9	91
5			Benzophenone	182	C13H10O	000119-61-9	87



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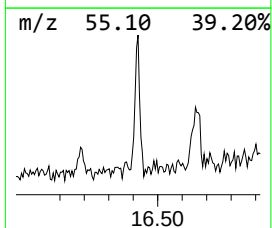
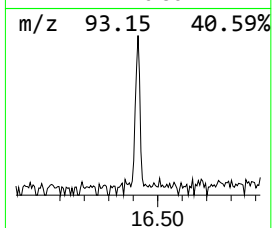
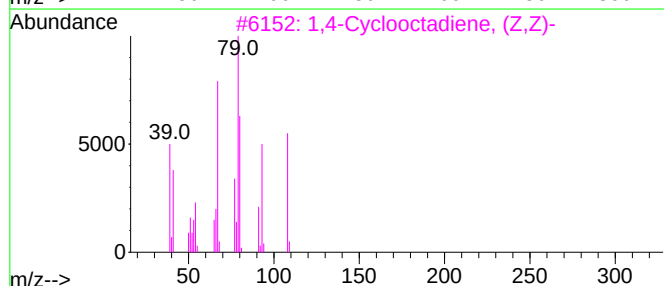
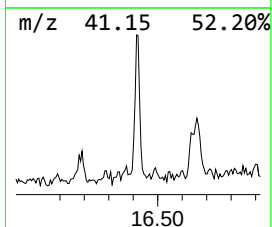
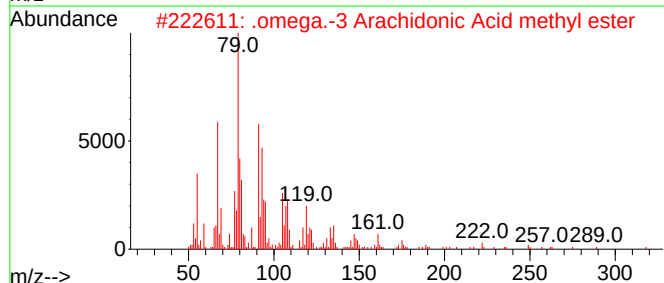
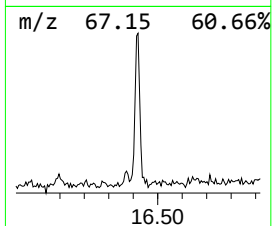
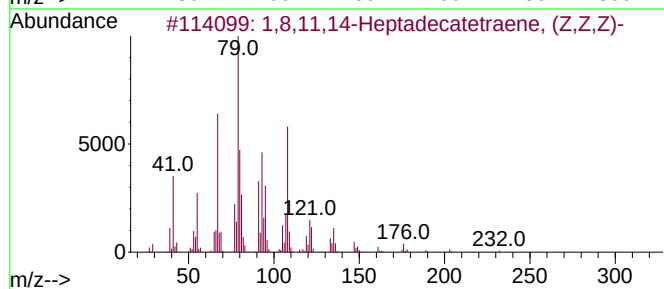
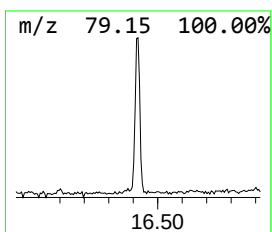
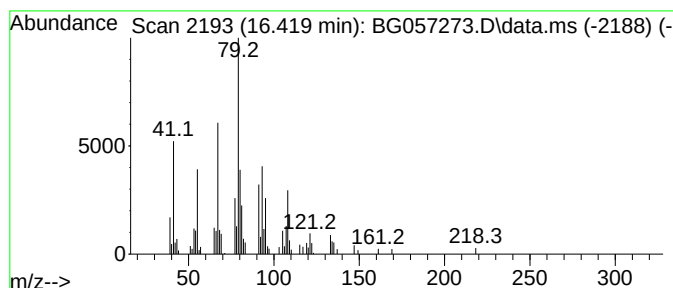
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1,8,11,14-Heptadecatetraene... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.419	6.55 ng/ul	86024	Phenanthrene-d10	17.735

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8,11,14-Heptadecatetraene, (Z,...	232	C17H28	010482-53-8	90		
2	.omega.-3 Arachidonic Acid methy...	318	C21H34O2	132712-70-0	86		
3	1,4-Cyclooctadiene, (Z,Z)-	108	C8H12	016327-22-3	60		
4	Cyclopropane, 1-ethenyl-2-hexeny...	150	C11H18	022822-99-7	59		
5	cis,cis,cis-7,10,13-Hexadecatrienal	234	C16H26O	056797-43-4	58		



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Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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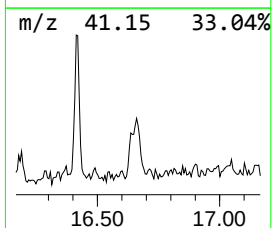
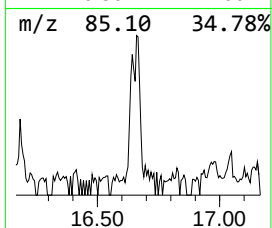
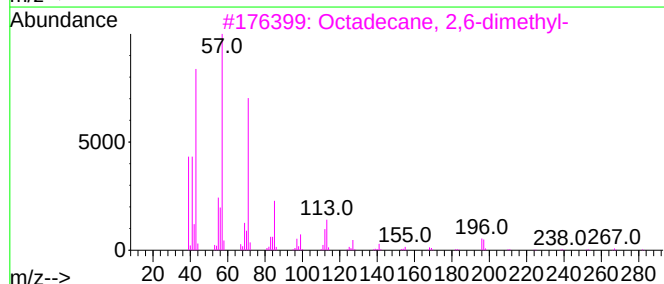
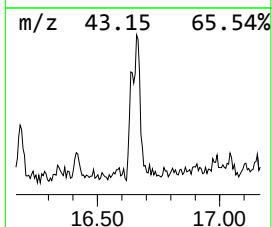
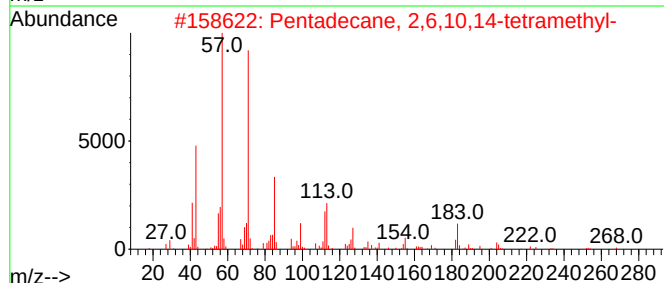
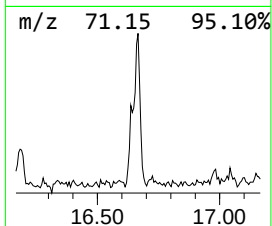
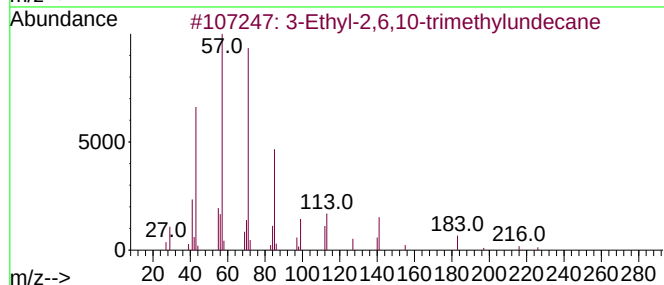
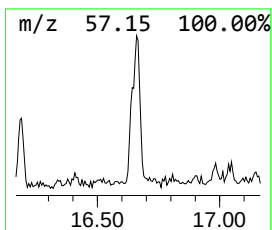
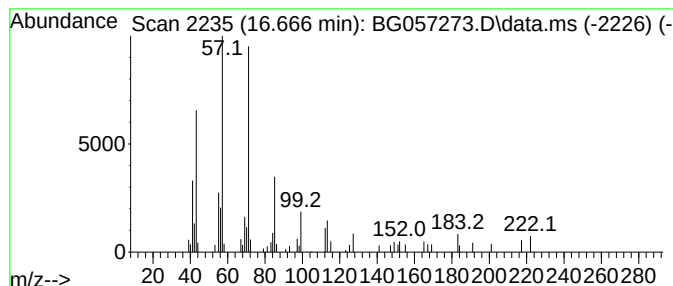
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.666	5.84 ng/ul	76715	Phenanthrene-d10	17.735

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	78
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
5			Tridecane, 5-propyl-	226	C16H34	055045-11-9	64



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Sample : 02419-27
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ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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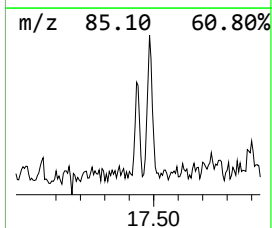
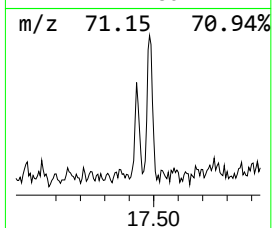
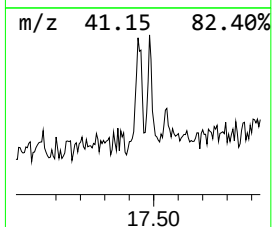
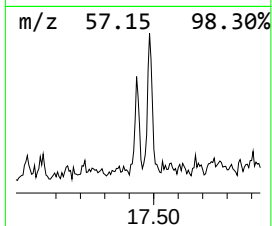
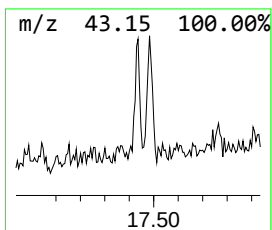
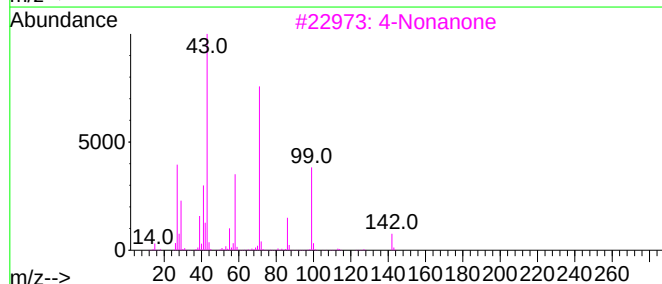
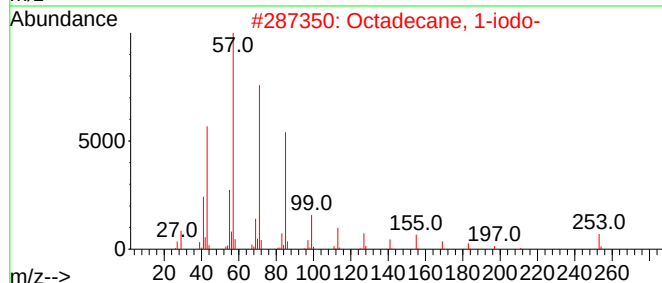
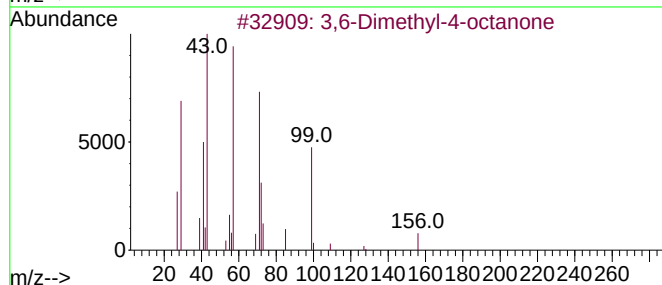
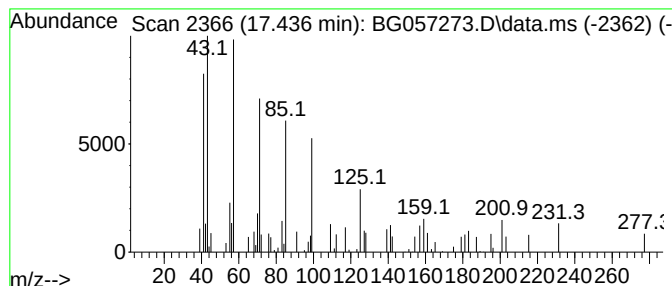
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-02 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.436	2.57 ng/ul	33725	Phenanthrene-d10	17.735

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,6-Dimethyl-4-octanone	156	C10H20O	034645-03-9	35
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	35
3			4-Nonanone	142	C9H18O	004485-09-0	30
4			3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	30
5			3-Octanone, 2-methyl-	142	C9H18O	000923-28-4	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
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Operator : CG/JU
Sample : 02419-27
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ALS Vial : 30 Sample Multiplier: 1

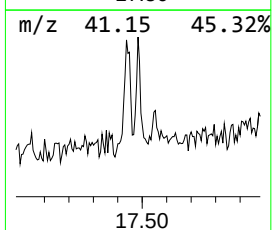
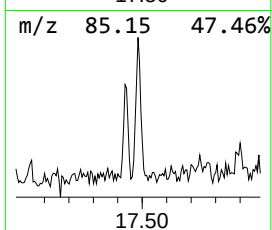
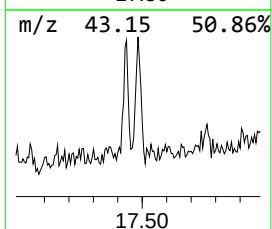
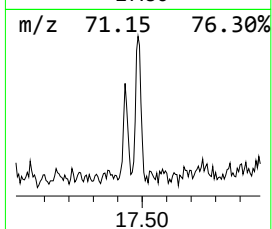
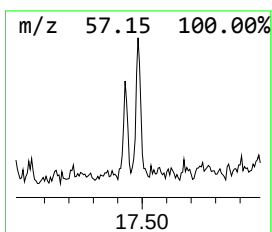
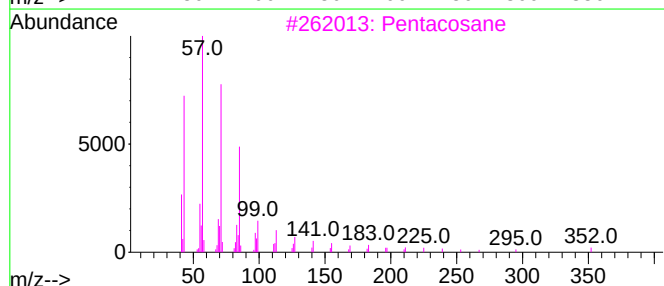
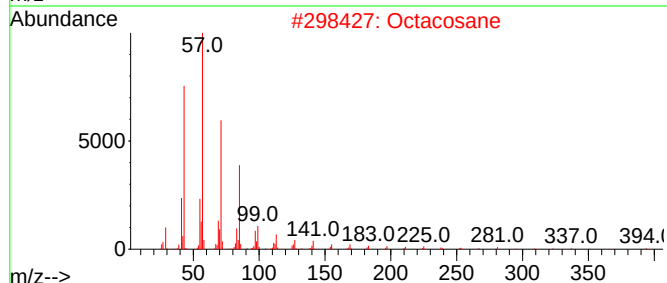
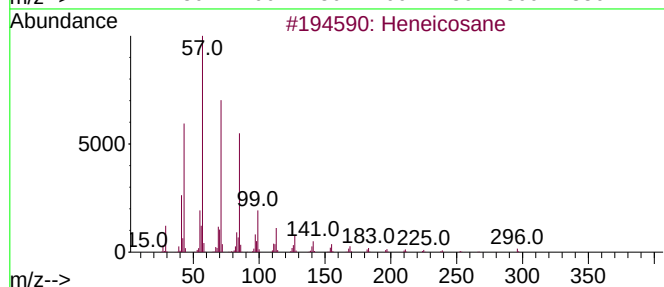
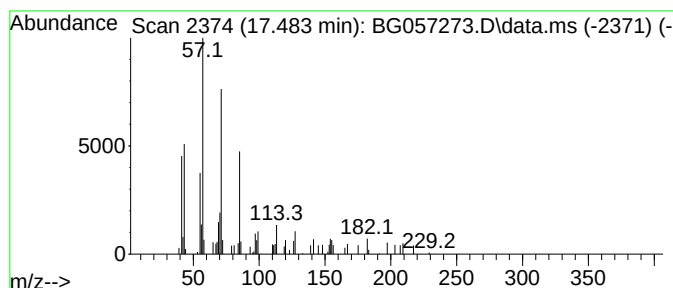
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.483	2.46 ng/ul	32311	Phenanthrene-d10		17.735	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	87
2	Octacosane		394	C28H58	000630-02-4	87
3	Pentacosane		352	C25H52	000629-99-2	83
4	Tetracosane		338	C24H50	000646-31-1	80
5	2,6,10-Trimethyltridecane		226	C16H34	003891-99-4	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
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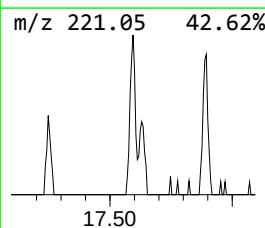
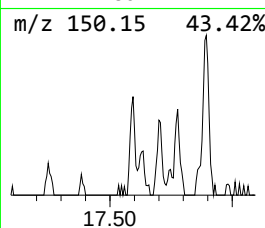
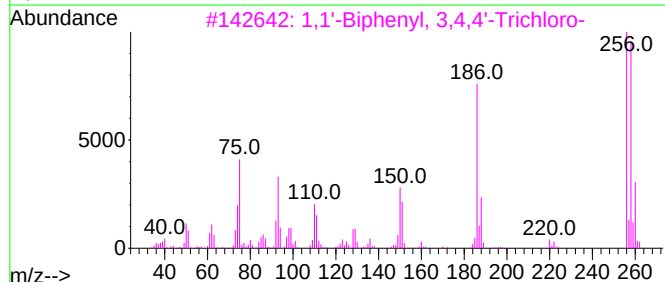
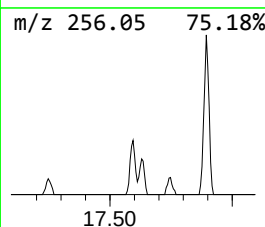
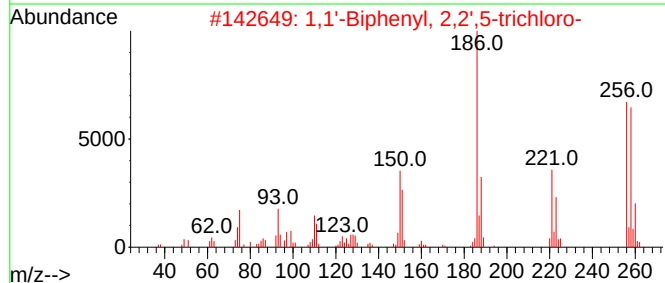
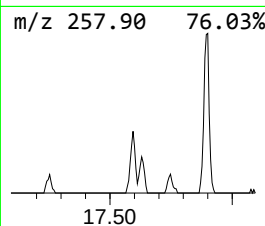
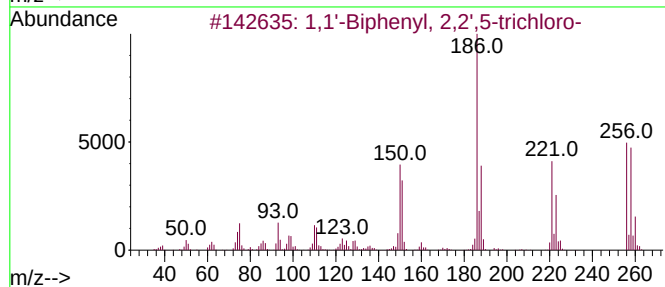
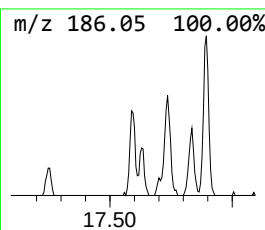
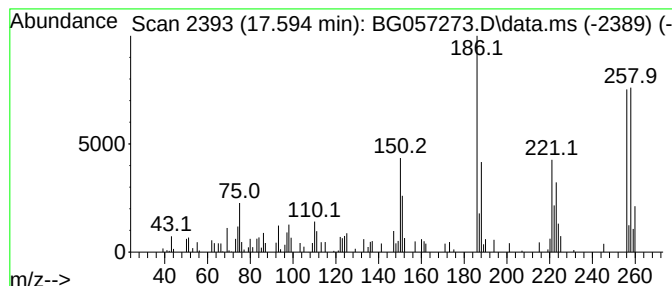
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.594	3.46 ng/ul	45513	Phenanthrene-d10	17.735

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	98		
3	1,1'-Biphenyl, 3,4,4'-Trichloro-	256	C12H7Cl3	038444-90-5	81		
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	76		
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	70		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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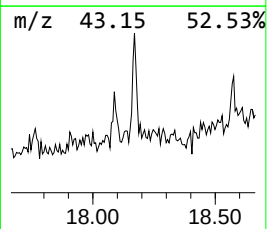
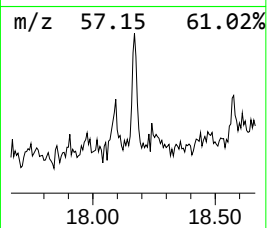
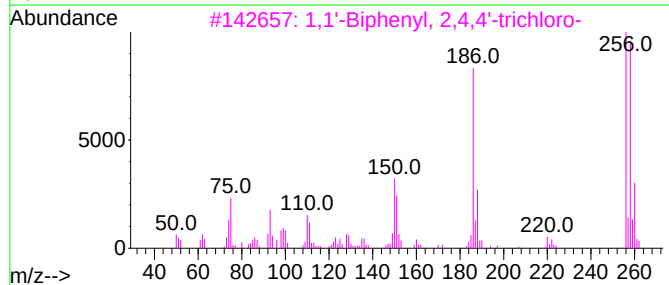
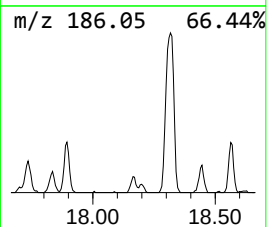
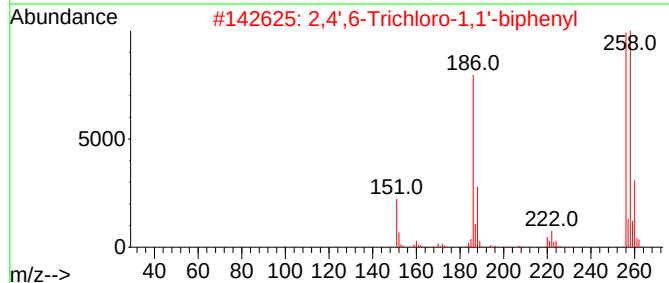
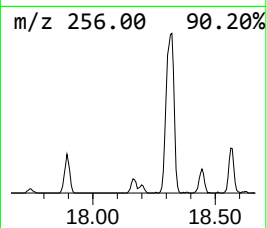
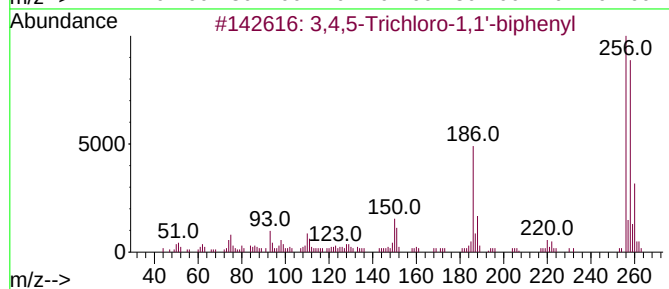
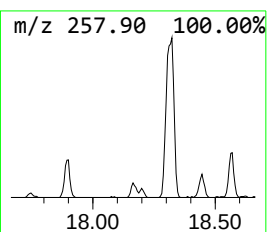
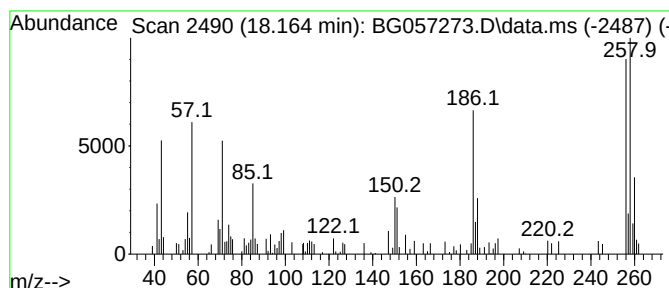
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 3,4,5-Trichloro-1,1'-biphenyl Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.164	3.23 ng/ul	42427	Phenanthrene-d10	17.735	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	053555-66-1	96
2	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	95
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	94
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	94
5	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	94



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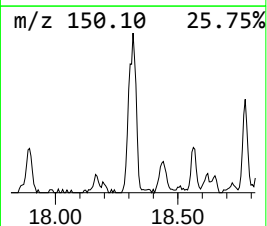
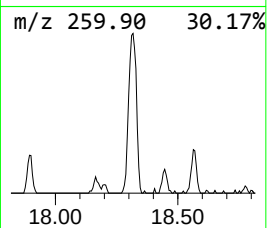
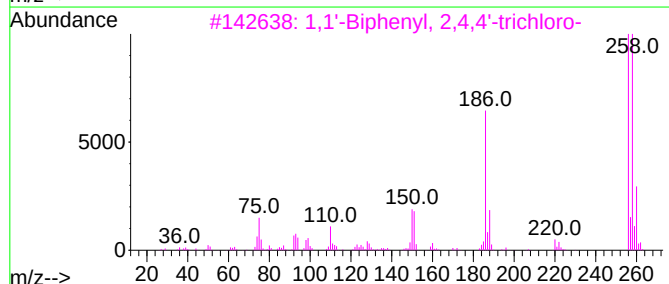
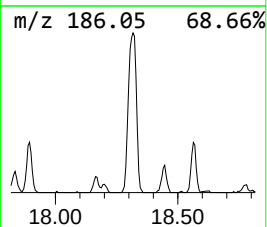
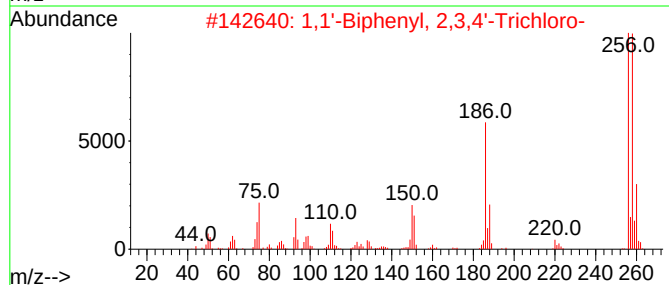
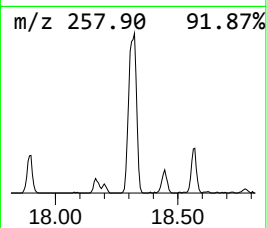
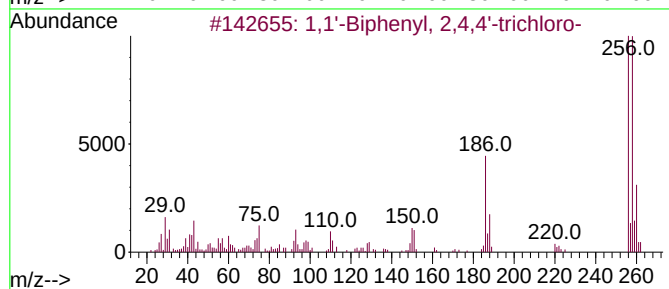
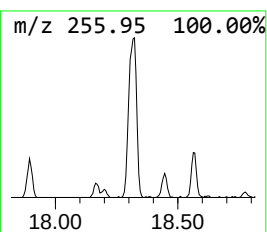
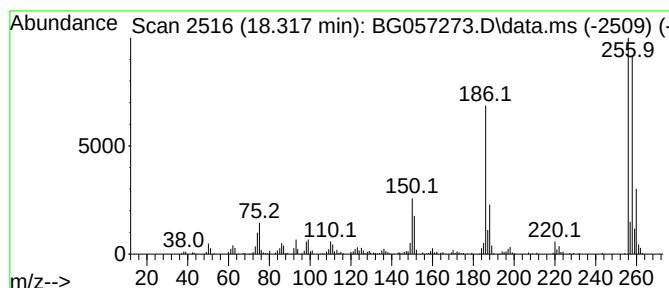
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.317	40.53 ng/ul	532576	Phenanthrene-d10	17.735	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	97
2	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	96
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
5	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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ALS Vial : 30 Sample Multiplier: 1

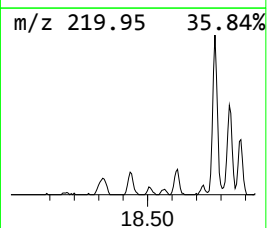
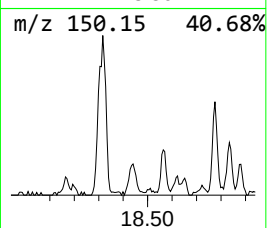
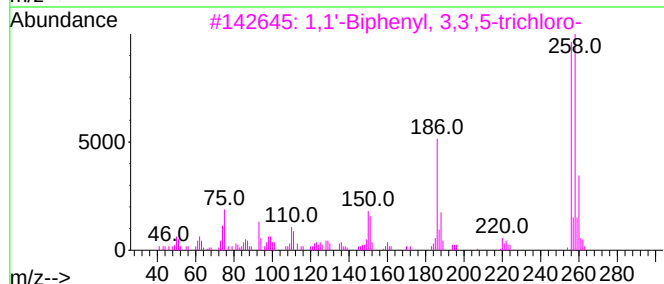
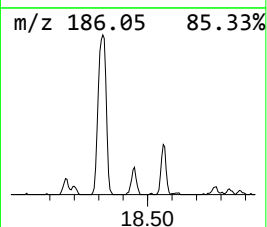
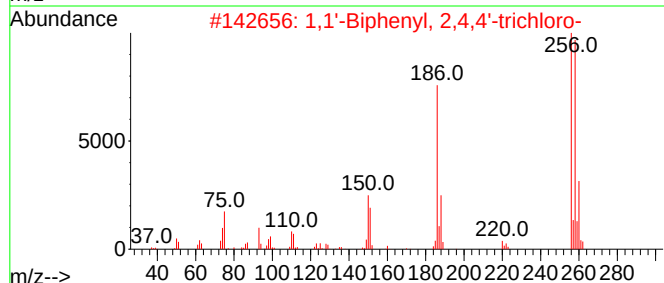
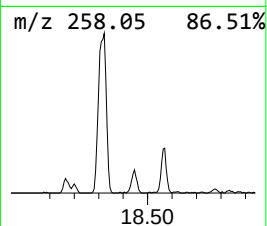
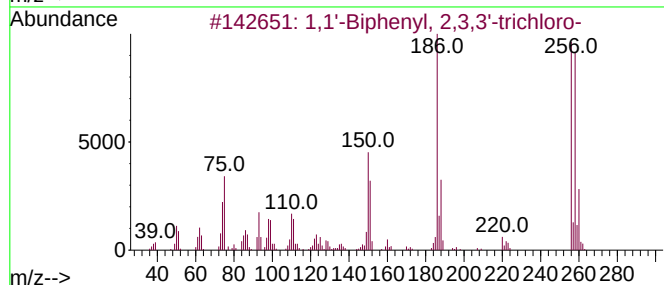
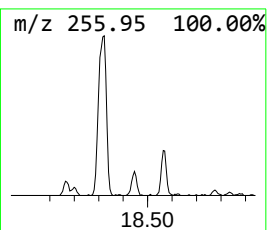
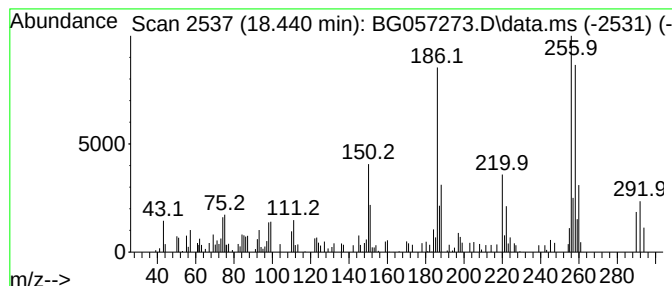
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BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.440	7.79 ng/ul	102359	Phenanthrene-d10	17.735	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	96
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
3	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	94
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	93
5	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW924

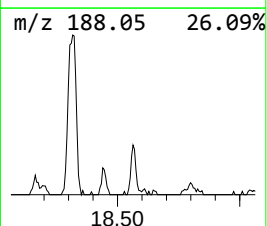
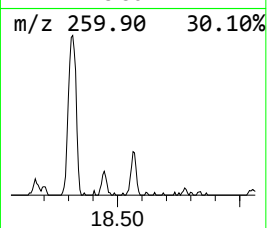
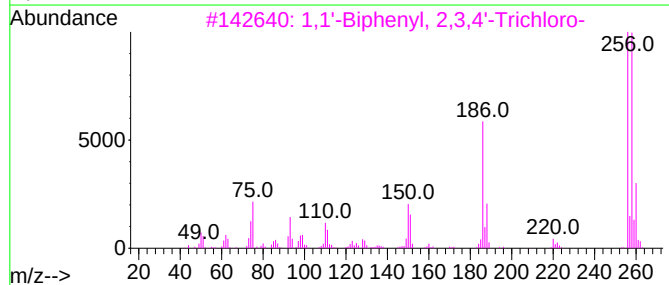
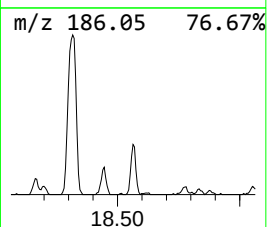
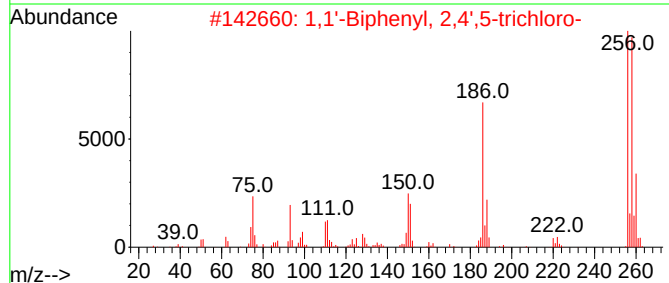
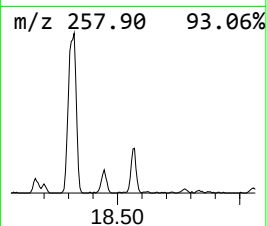
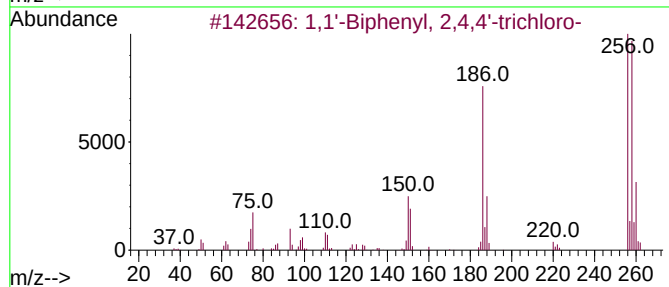
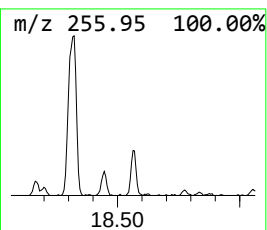
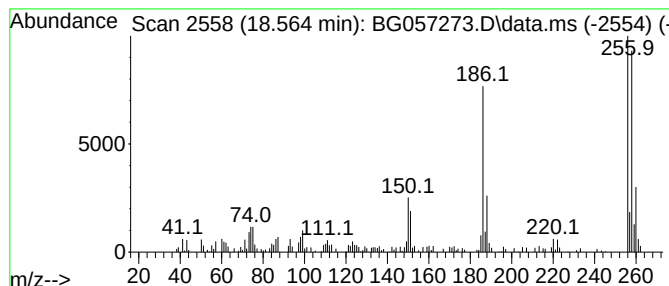
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.564	9.99 ng/ul	131300	Phenanthrene-d10	17.735

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96		
2	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	96		
3	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	96		
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95		
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	95		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW924

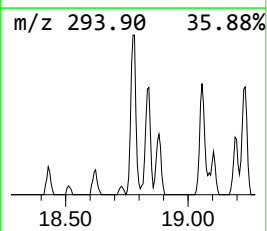
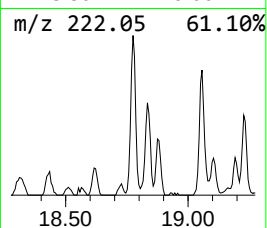
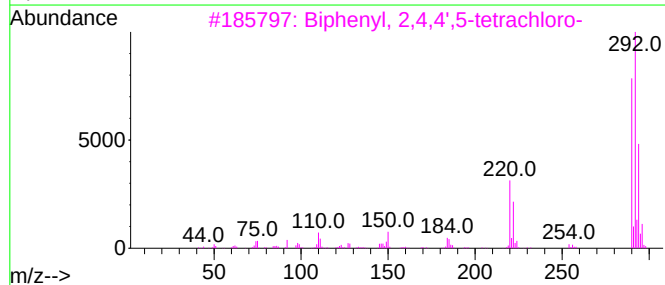
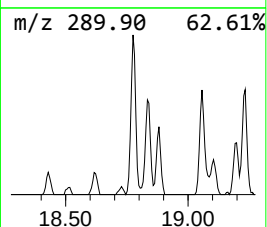
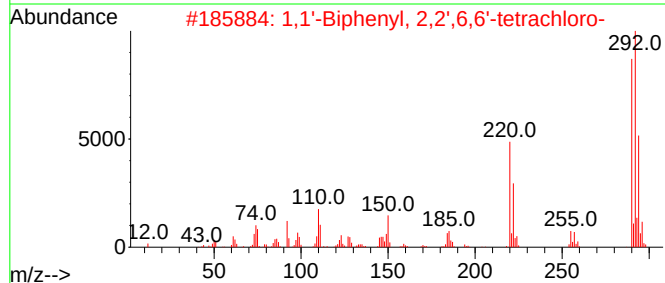
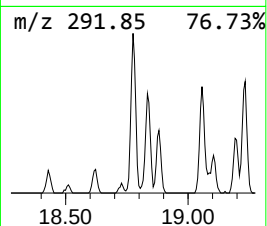
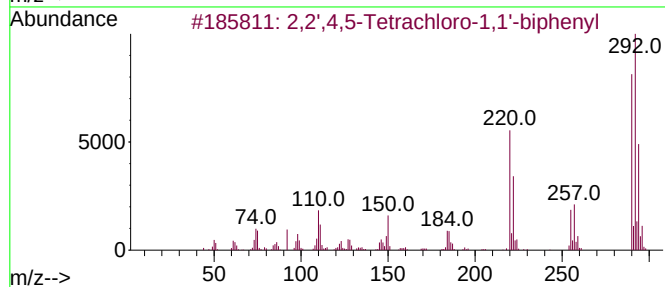
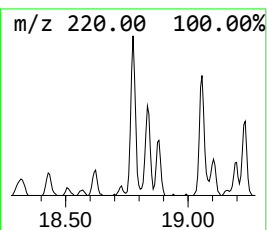
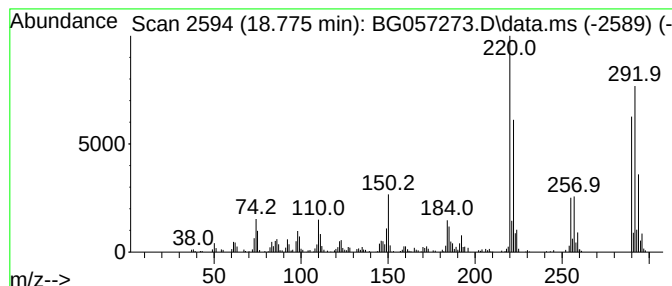
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.775	19.01 ng/ul	249815	Phenanthrene-d10	17.735

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99		
2	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	290	C12H6Cl4	015968-05-5	99		
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99		
4	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	290	C12H6Cl4	002437-79-8	99		
5	1,1'-Biphenyl, 2,2',5,6'-Tetrachloro-	290	C12H6Cl4	041464-41-9	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

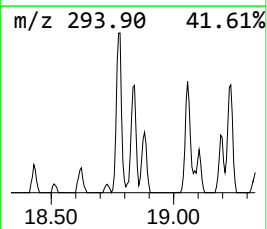
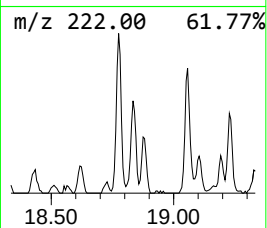
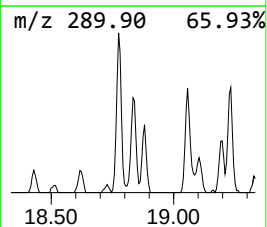
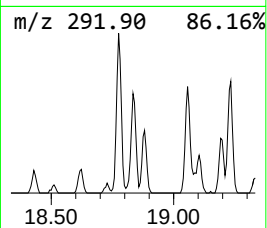
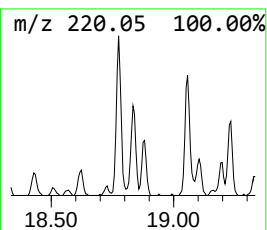
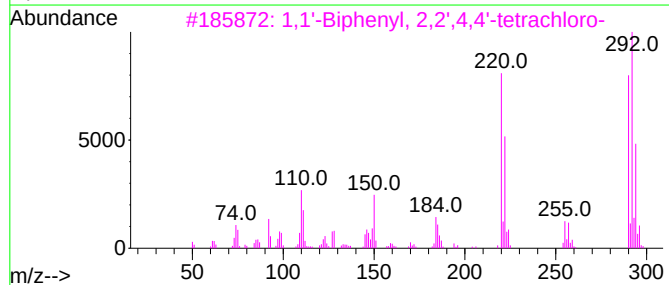
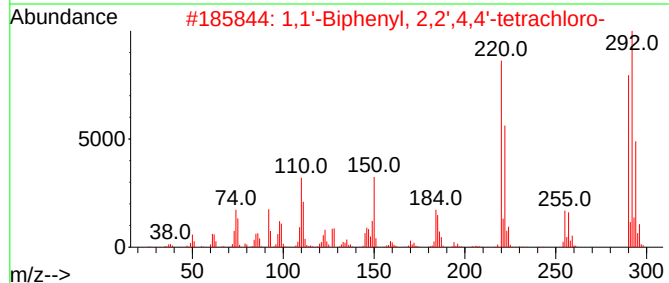
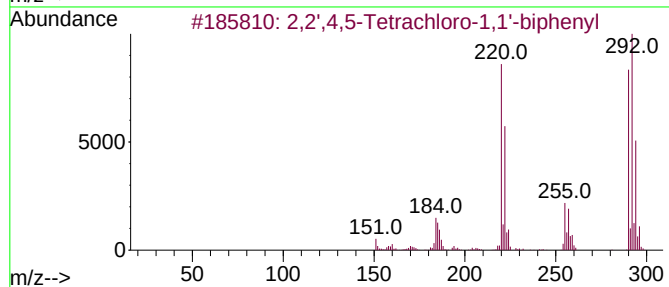
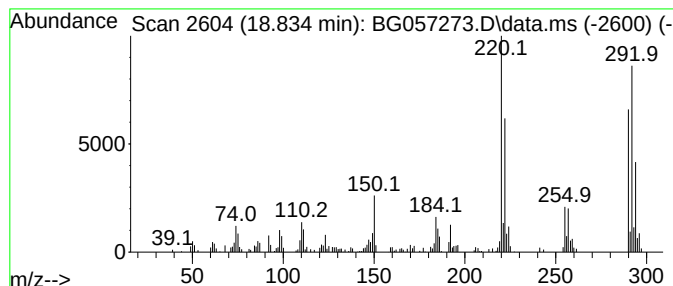
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.834	12.36 ng/ul	162455	Phenanthrene-d10	17.735		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4		070362-47-9	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4		002437-79-8	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4		002437-79-8	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4		015968-05-5	99
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4		062796-65-0	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

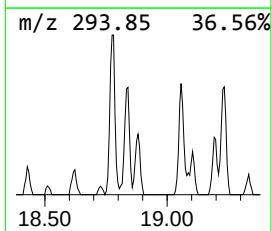
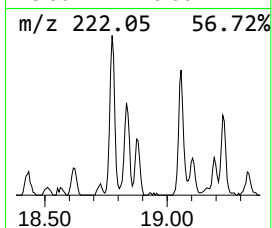
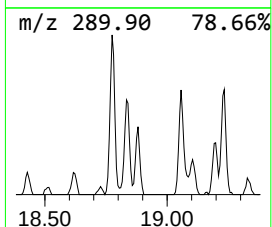
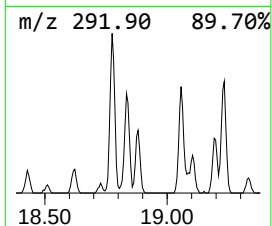
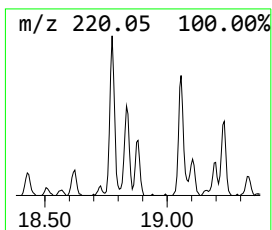
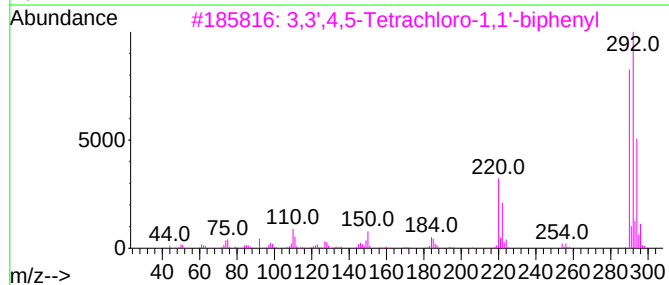
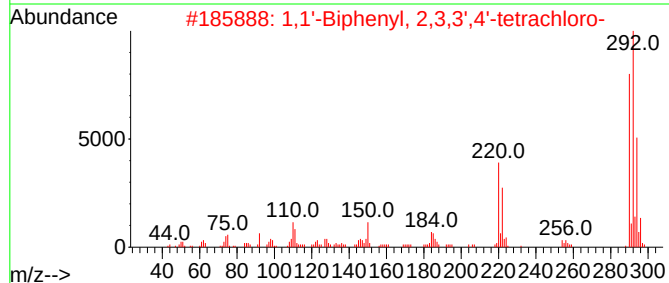
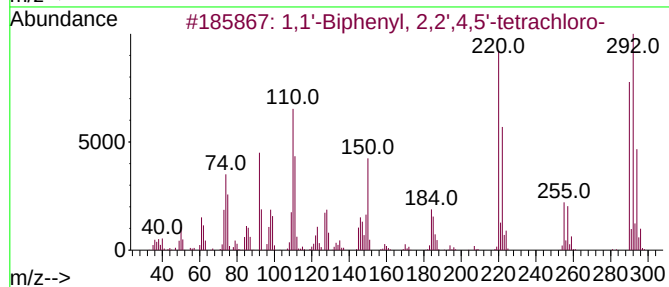
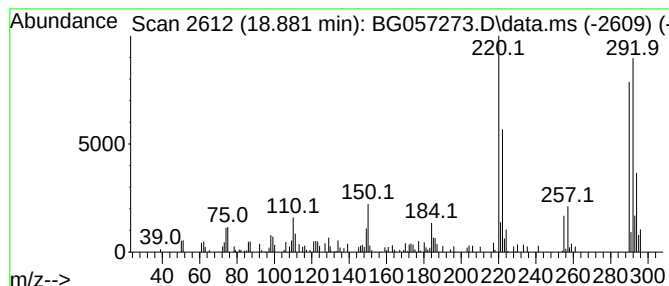
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.881	5.87 ng/ul	77091	Phenanthrene-d10	17.735		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
2		1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	98
3		3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	96
4		1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	96
5		1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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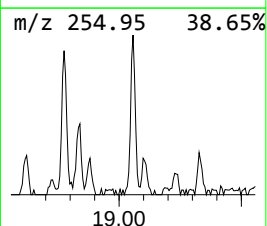
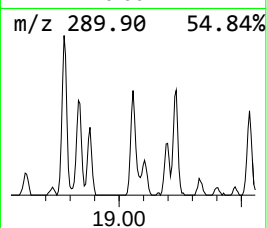
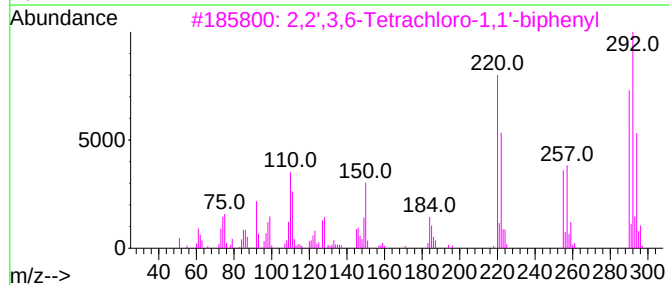
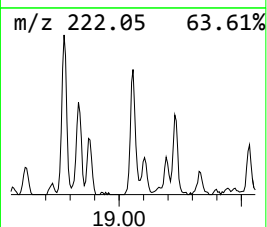
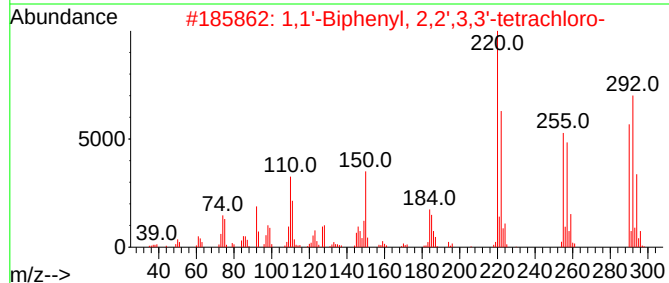
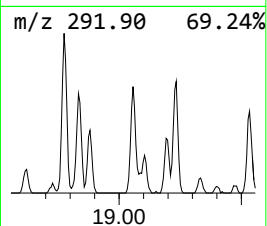
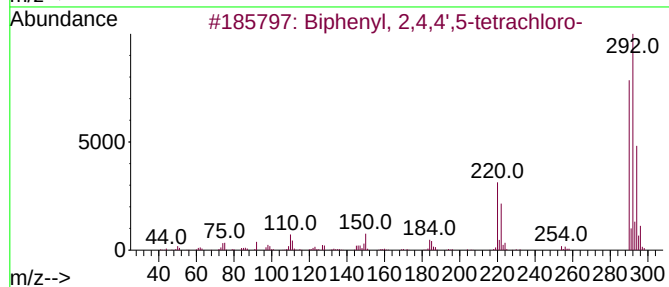
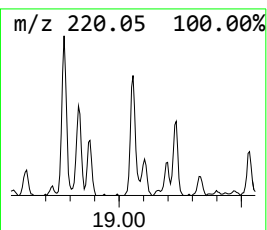
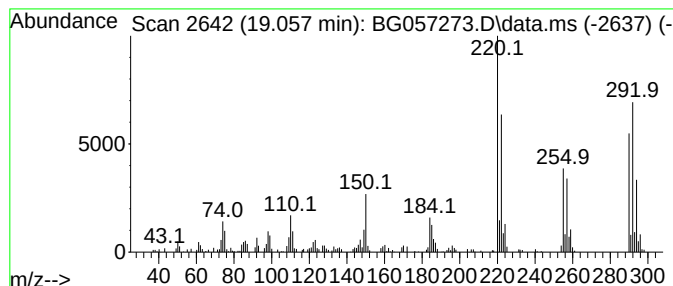
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	15.42 ng/ul	202643	Phenanthrene-d10	17.735

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2			1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99
3			2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4			1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5			1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

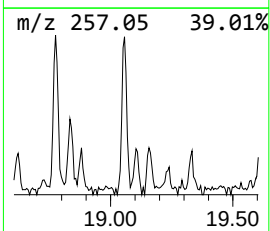
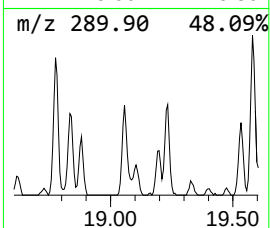
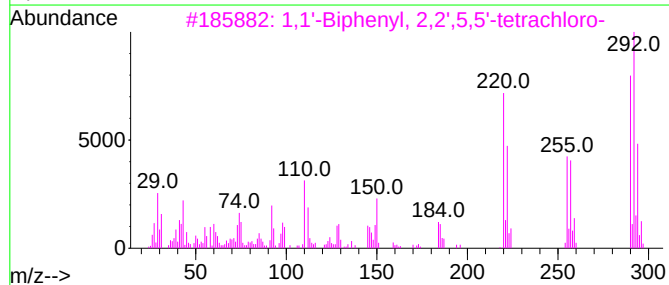
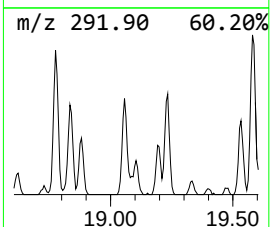
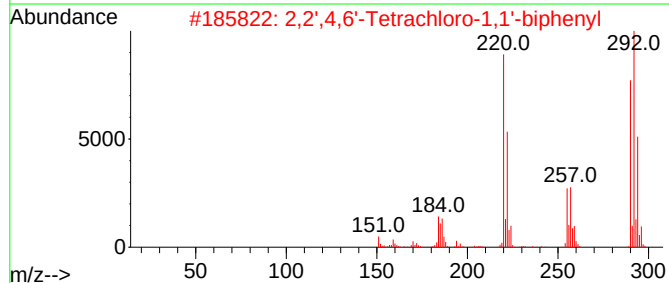
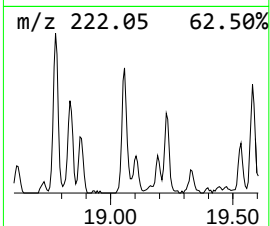
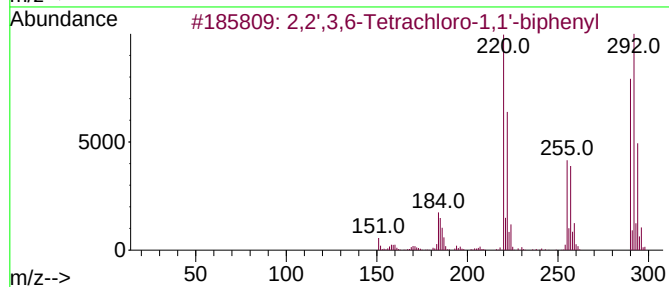
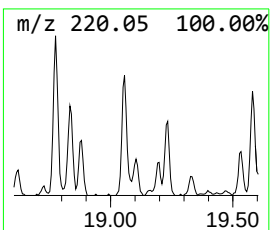
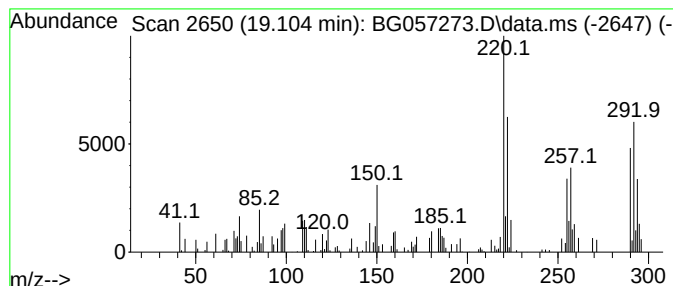
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	4.57 ng/ul	60018	Phenanthrene-d10	17.735
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1	2,2',3,6-Tetrachloro-1,1'-biphenyl	290 C12H6Cl4	070362-45-7	99
2	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290 C12H6Cl4	068194-04-7	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290 C12H6Cl4	035693-99-3	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290 C12H6Cl4	062796-65-0	98
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290 C12H6Cl4	041464-49-7	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW924

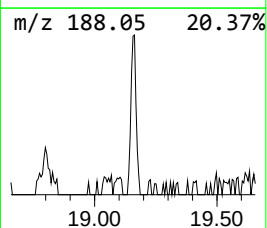
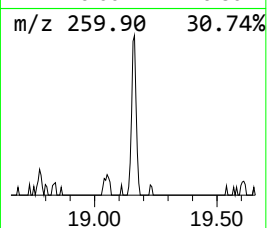
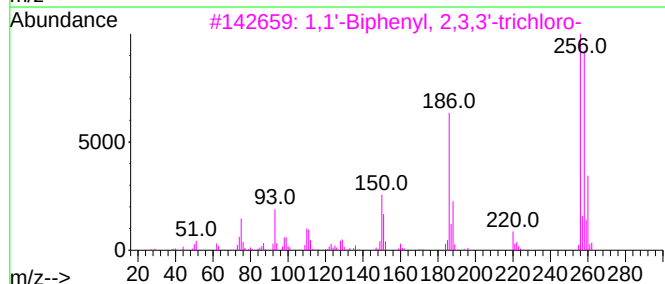
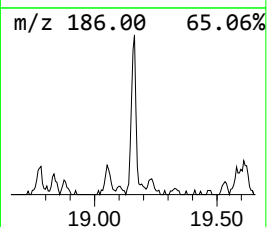
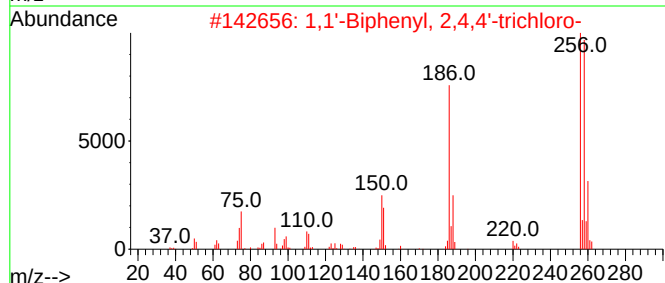
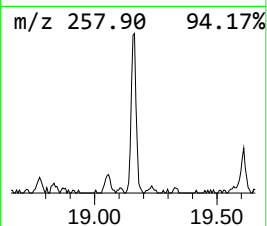
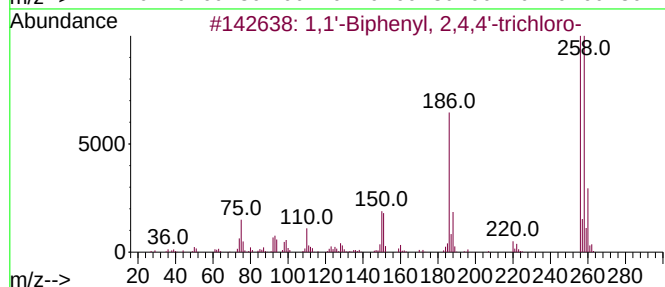
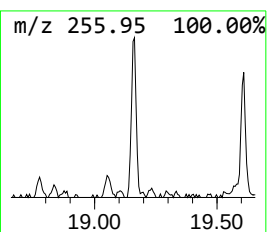
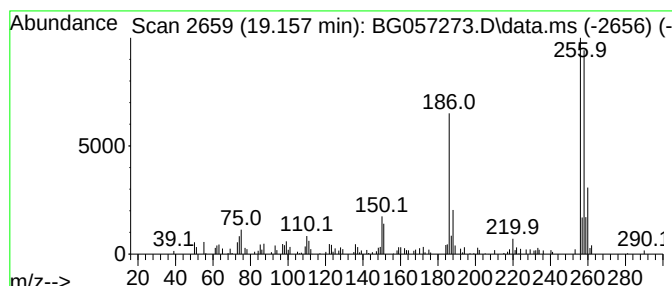
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2,4,6-trichl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.157	7.08 ng/ul	93042	Phenanthrene-d10	17.735

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99	
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99	
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99	
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98	
5	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	98	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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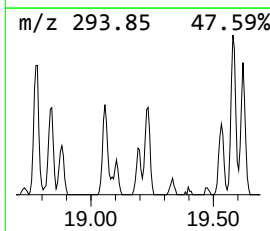
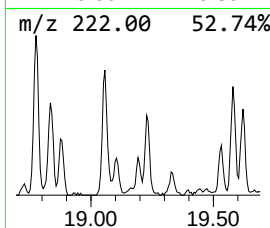
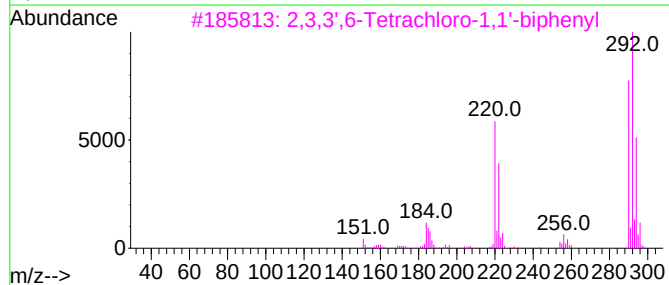
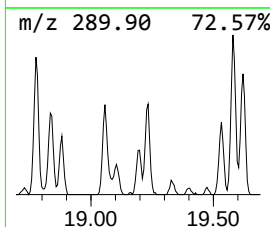
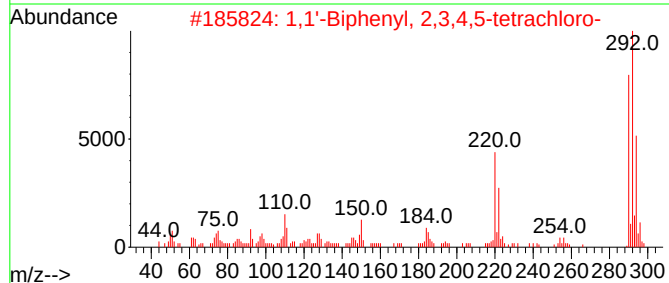
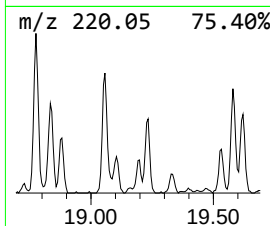
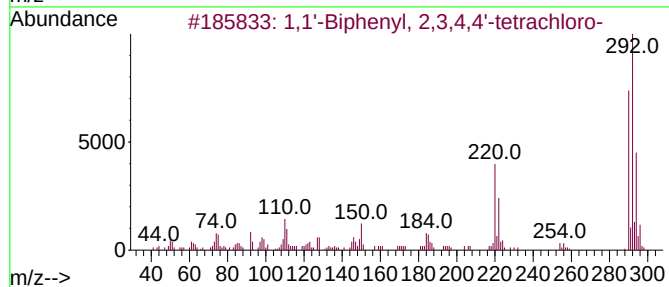
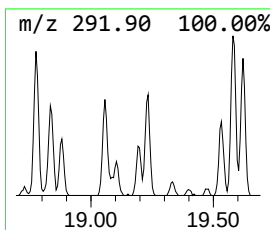
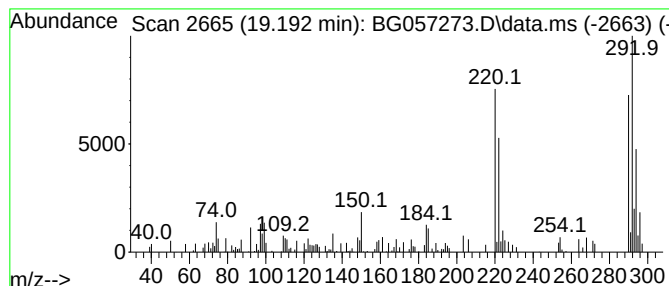
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2,3,4,4'-tet... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	3.98 ng/ul	52317	Phenanthrene-d10	17.735

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	97		
2	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	97		
3	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	95		
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	95		
5	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	95		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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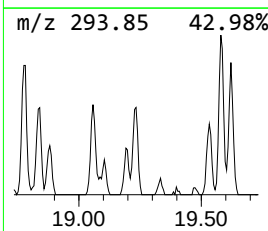
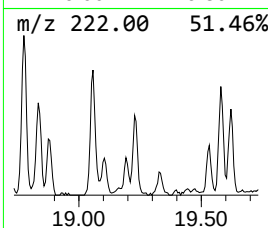
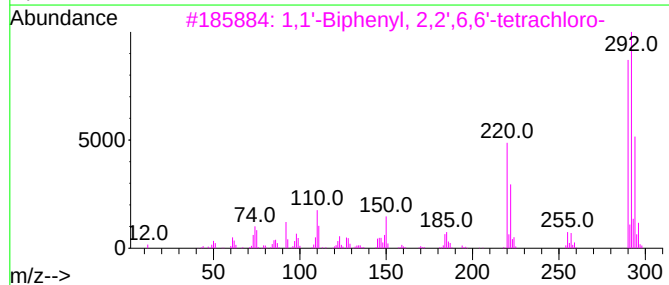
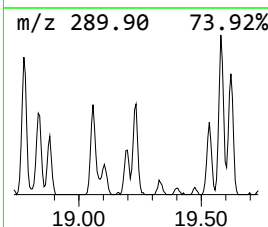
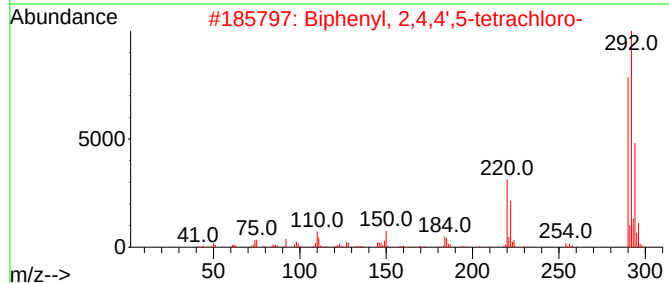
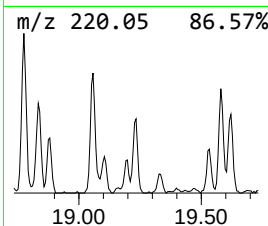
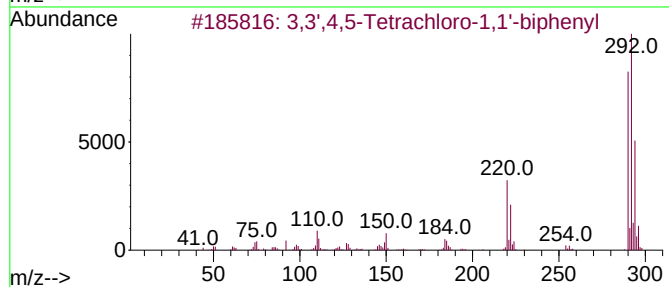
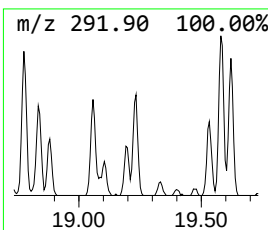
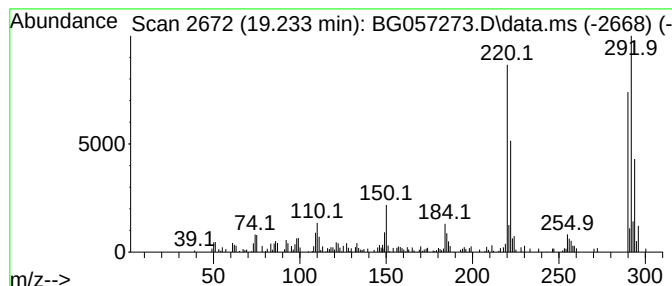
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	8.99 ng/ul	118114	Phenanthrene-d10	17.735

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	96	
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	96	
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	96	
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	96	
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	96	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

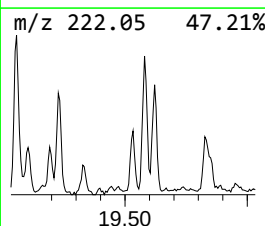
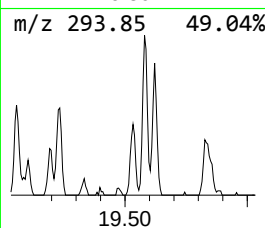
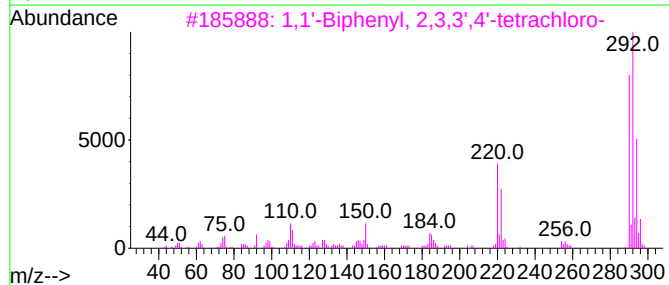
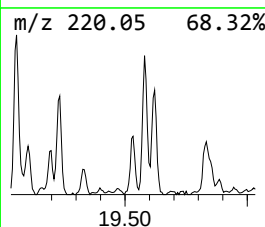
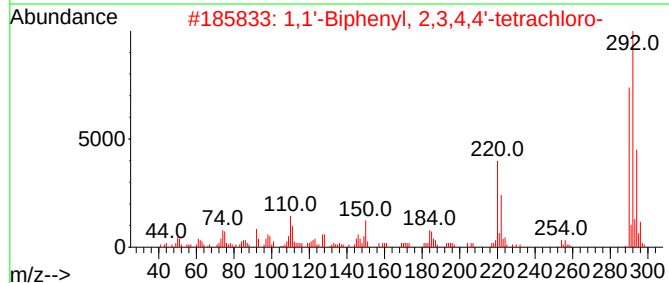
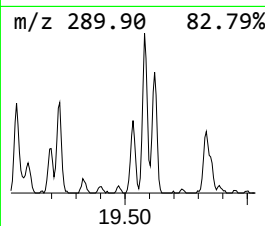
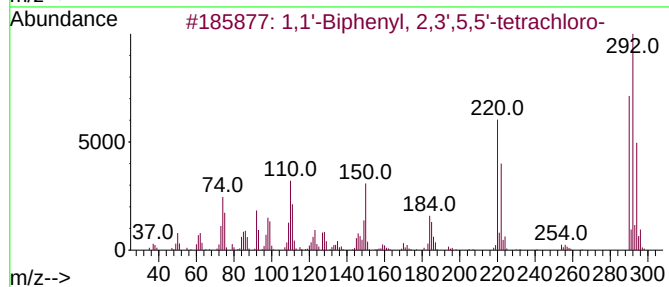
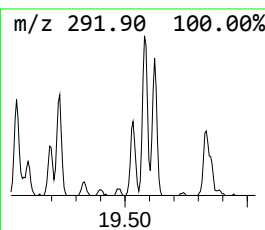
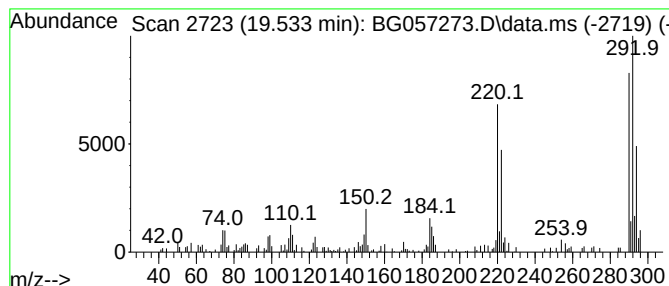
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.533	6.59 ng/ul	86613	Phenanthrene-d10	17.735
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290 C12H6Cl4	041464-42-0	99
2	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290 C12H6Cl4	033025-41-1	98
3	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290 C12H6Cl4	041464-43-1	98
4	2,3,4',5-Tetrachloro-1,1'-biphenyl	290 C12H6Cl4	074472-34-7	98
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290 C12H6Cl4	015968-05-5	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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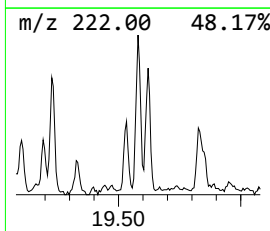
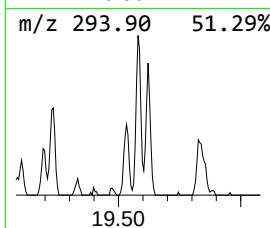
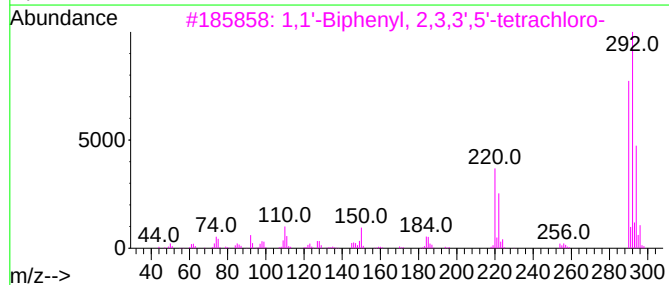
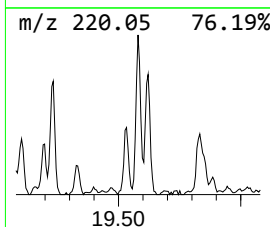
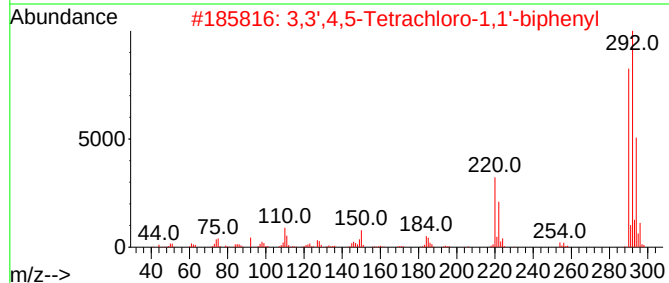
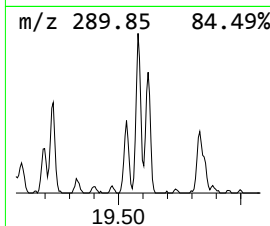
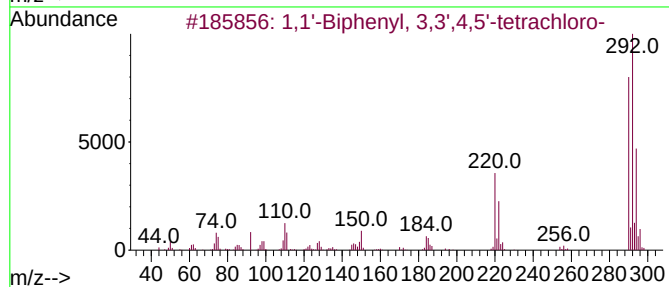
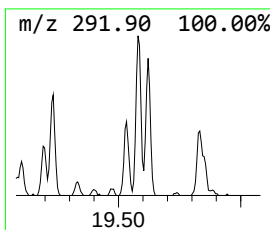
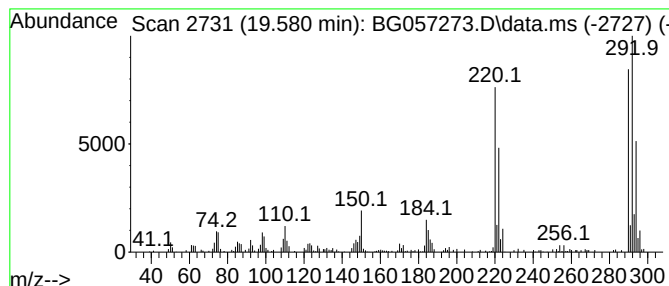
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1,1'-Biphenyl, 3,3',4,5'-te... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.580	15.51 ng/ul	203758	Phenanthrene-d10	17.735

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99	
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99	
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99	
4	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99	
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
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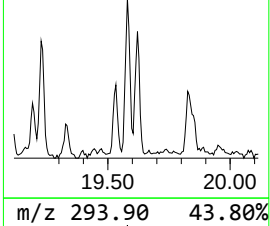
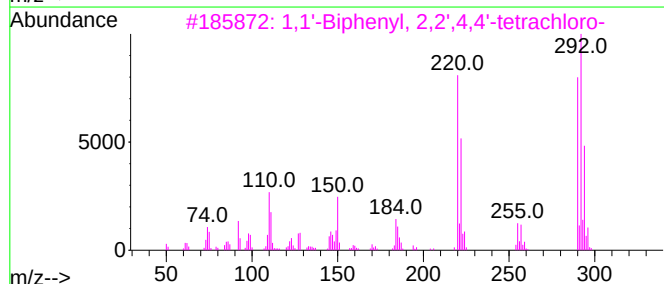
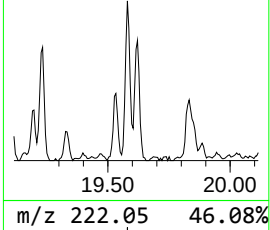
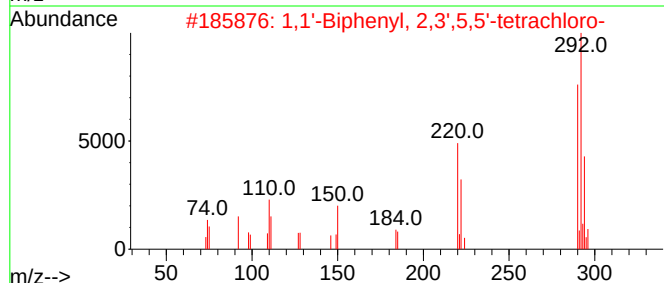
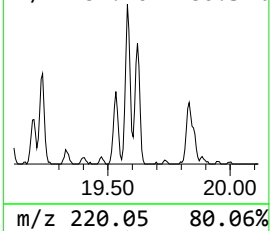
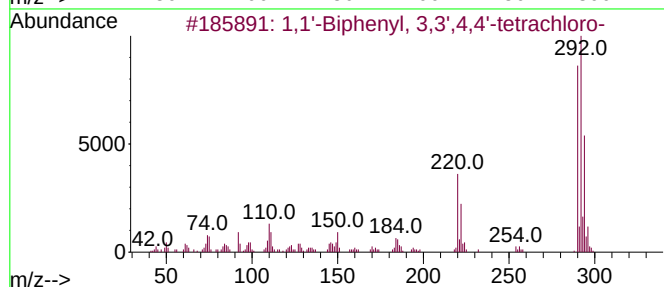
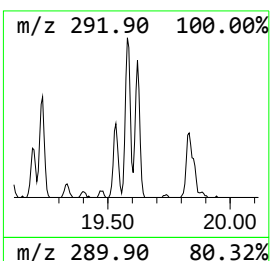
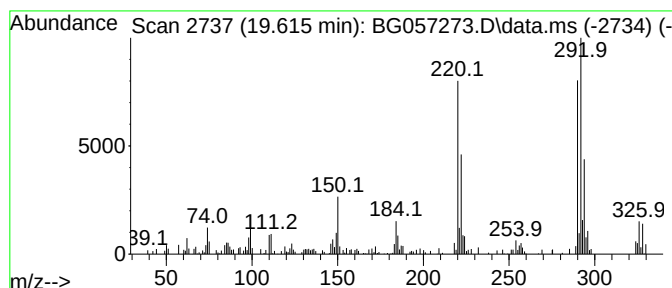
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.615	17.24 ng/ul	226473	Phenanthrene-d10	17.735		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99	
2	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	97	
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	96	
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	96	
5	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	96	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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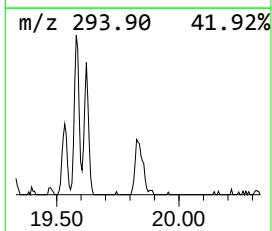
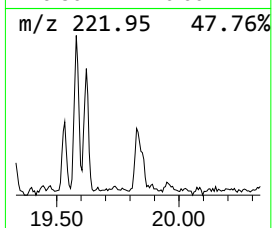
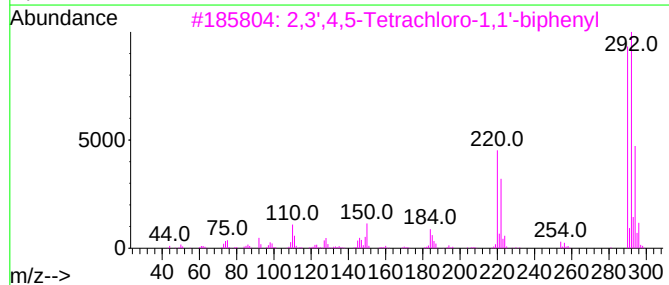
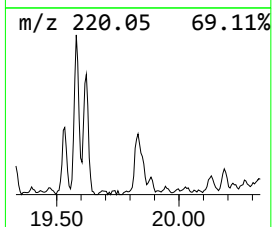
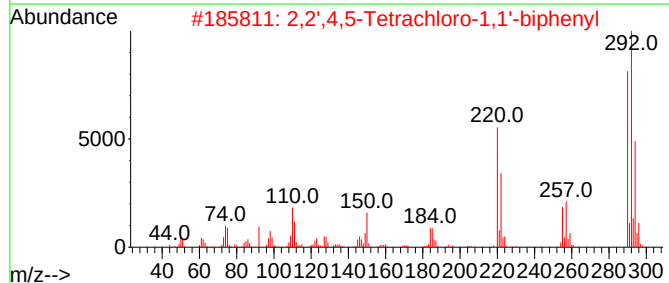
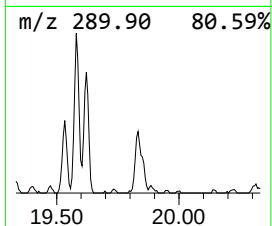
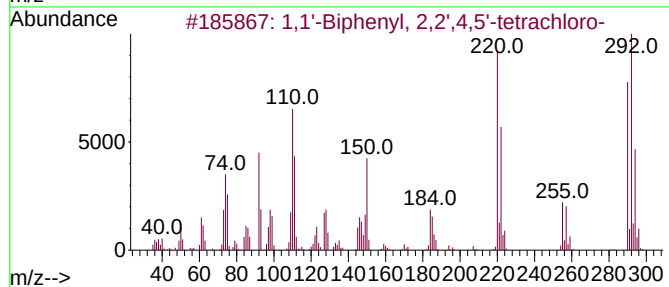
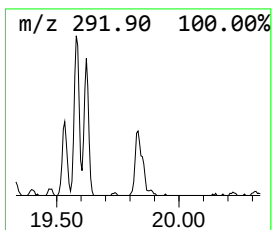
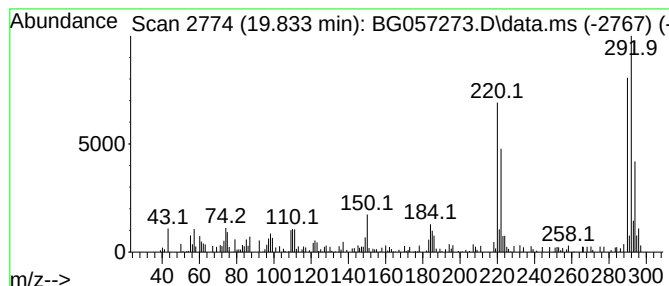
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.833	9.99 ng/ul	131302	Phenanthrene-d10	17.735	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	96
3	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	96
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	96
5	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

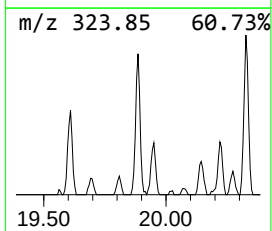
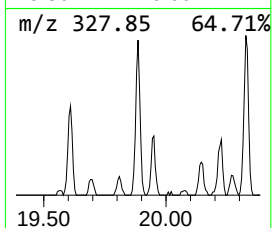
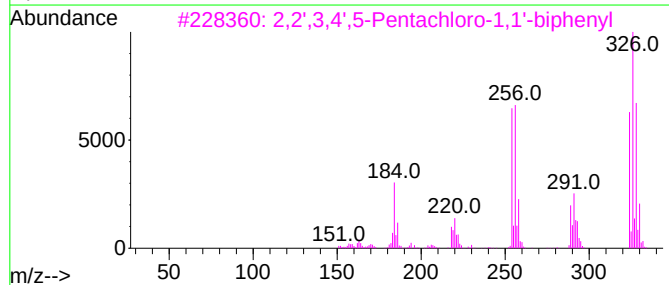
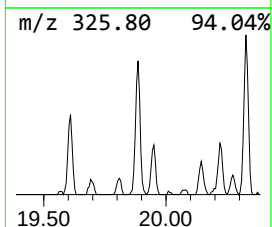
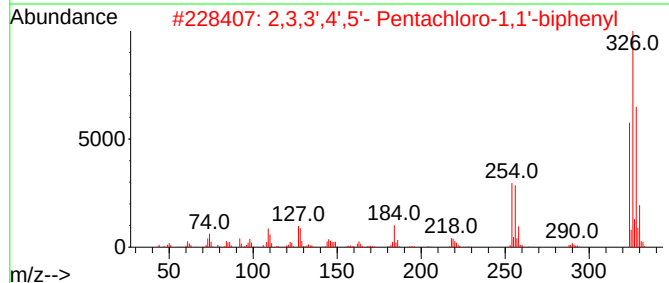
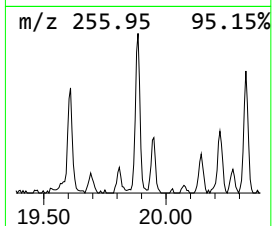
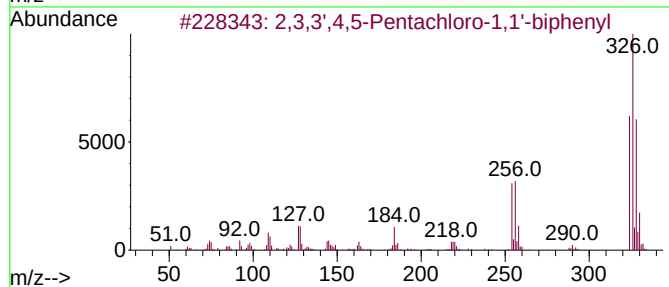
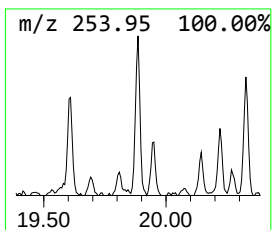
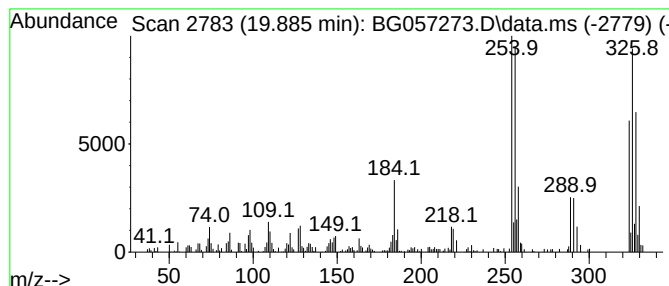
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.885	14.15 ng/ul	185904	Phenanthrene-d10	17.735		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99	
2	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99	
3	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99	
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99	
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW924

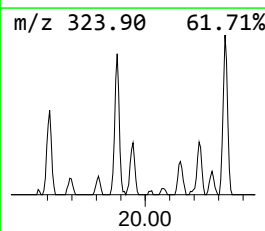
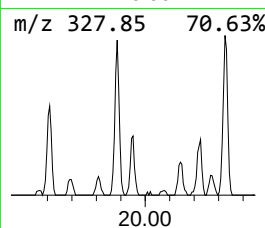
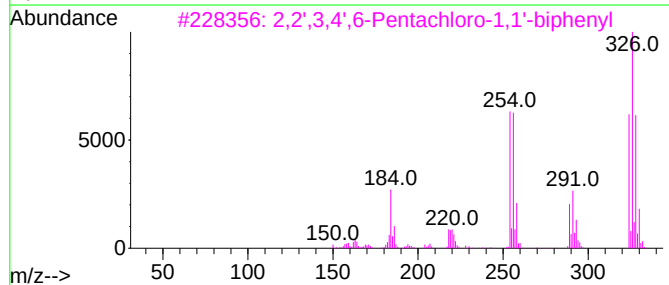
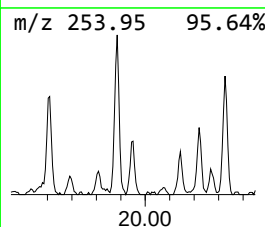
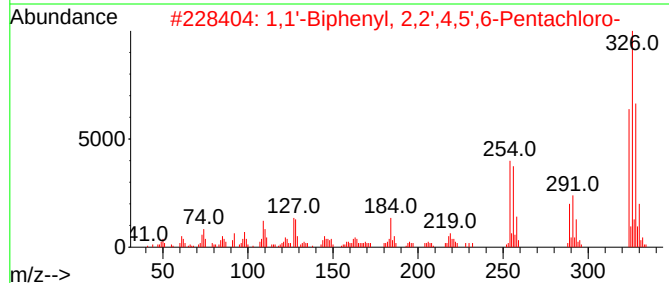
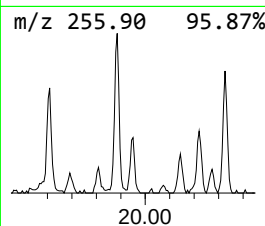
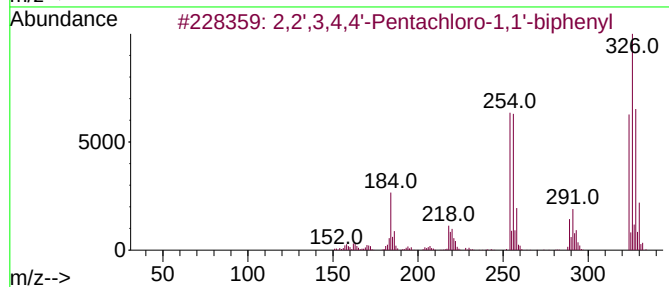
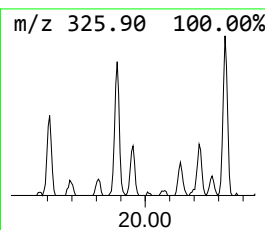
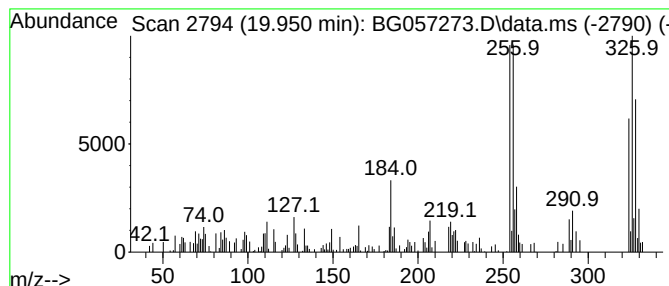
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 2,2',3,4,4'-Pentachloro-1,1... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.950	3.05 ng/ul	56202	Chrysene-d12	22.047

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	98		
2	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	98		
3	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	97		
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	96		
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

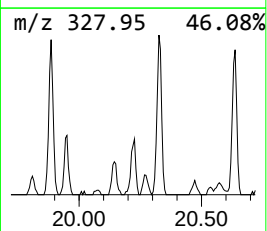
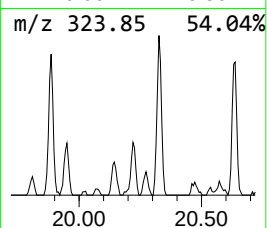
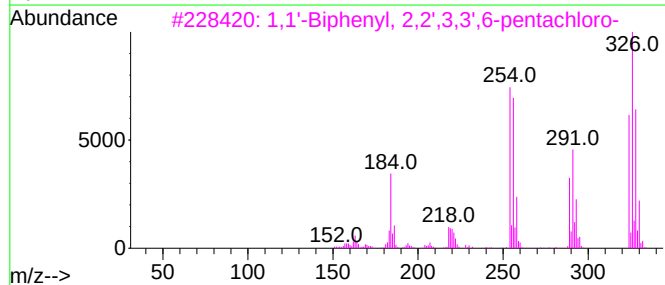
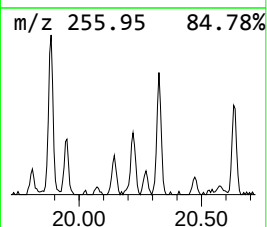
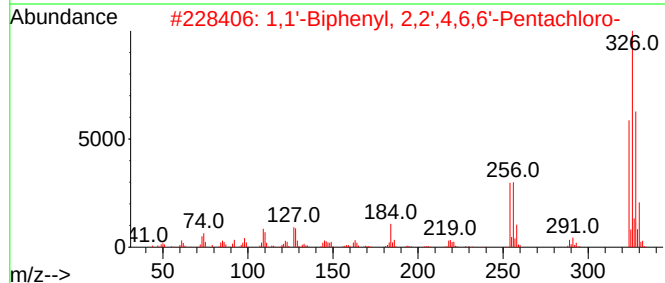
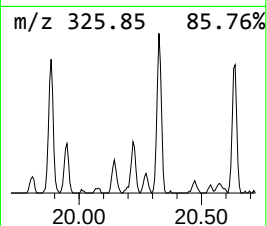
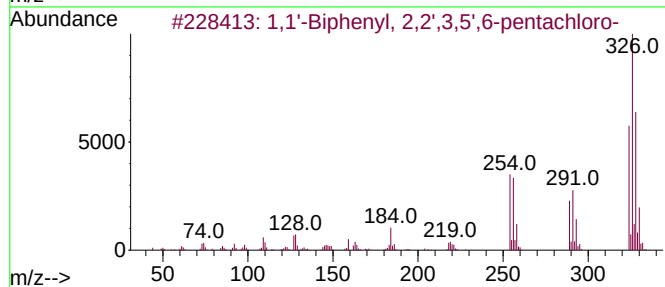
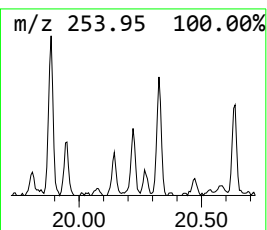
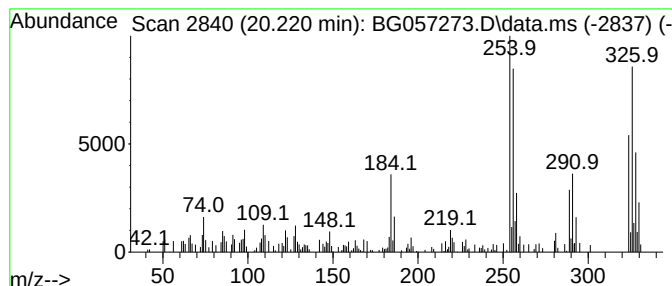
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 1,1'-Biphenyl, 2,2',3,5',6-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.220	3.84 ng/ul	70719	Chrysene-d12	22.047		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99	
2	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	98	
3	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	98	
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96	
5	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	96	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

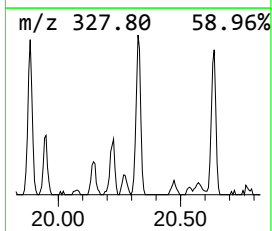
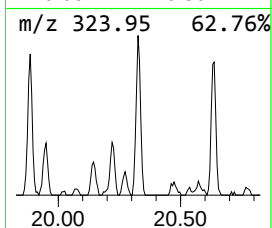
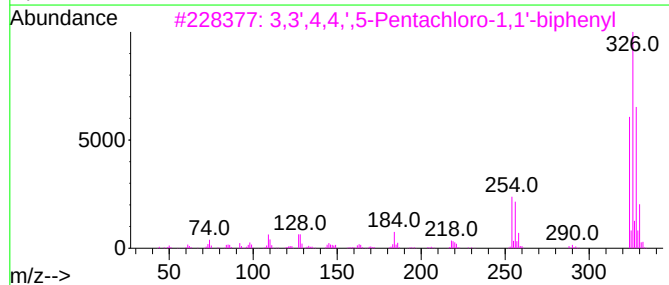
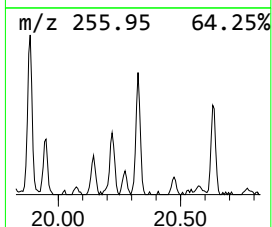
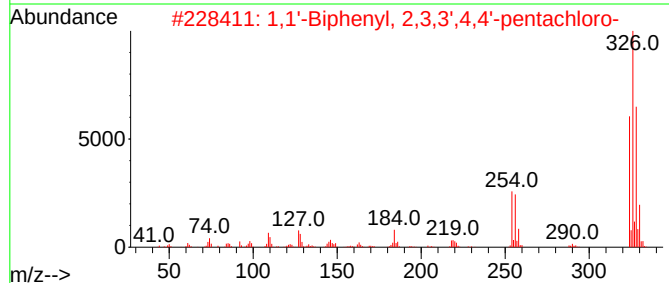
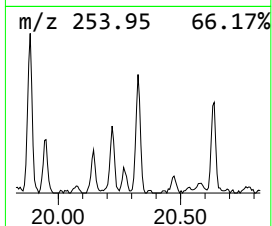
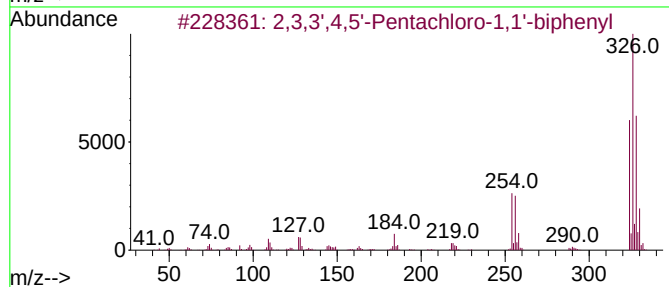
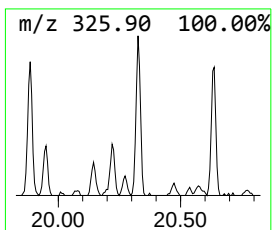
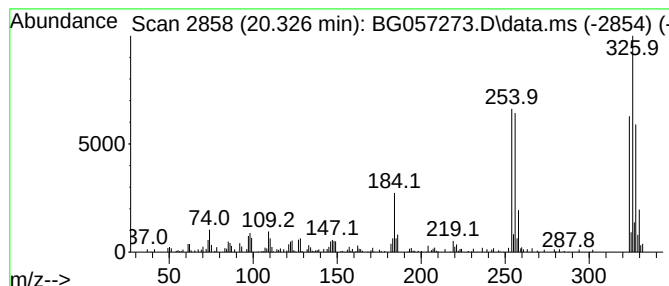
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 2,3,3',4,5'-Pentachloro-1,1... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.326	7.55 ng/ul	139078	Chrysene-d12	22.047	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	98
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	97
3	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	97
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96
5	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW924

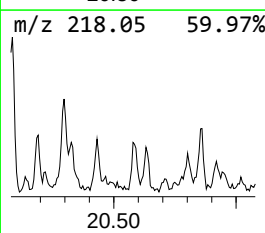
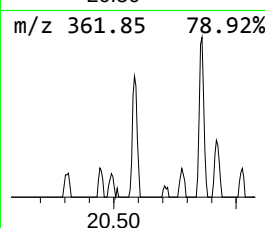
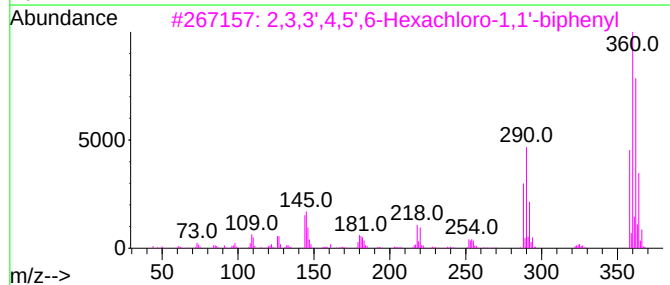
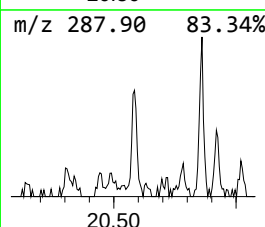
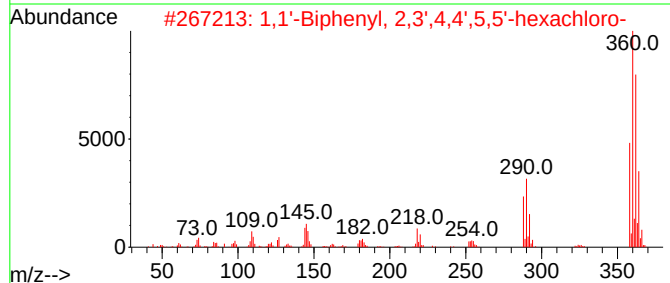
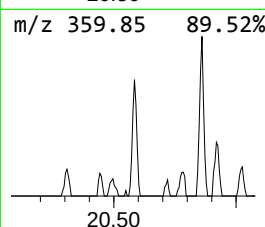
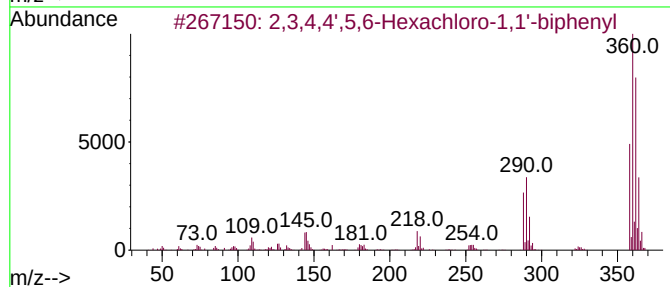
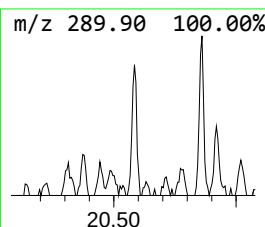
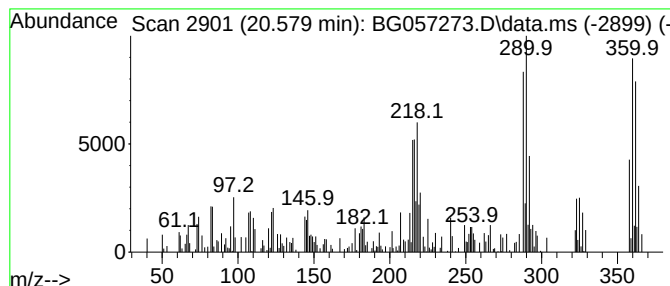
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.579	2.66 ng/ul	48937	Chrysene-d12	22.047

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	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99		
3	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	97		
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	95		
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	95		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

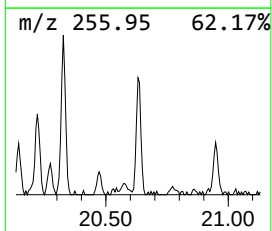
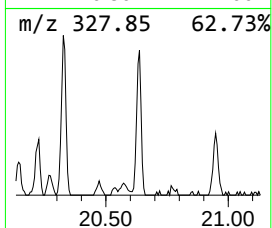
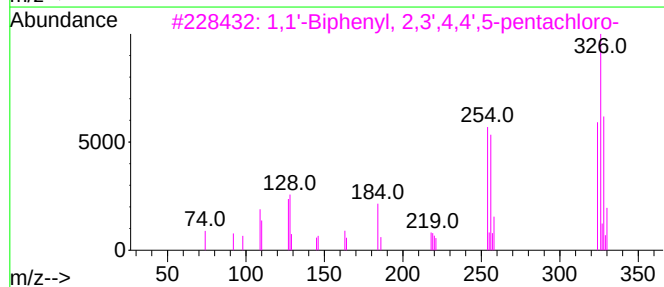
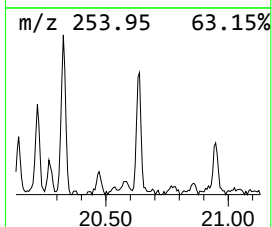
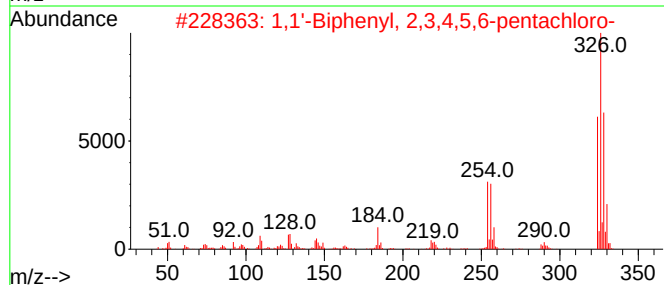
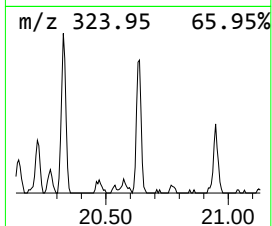
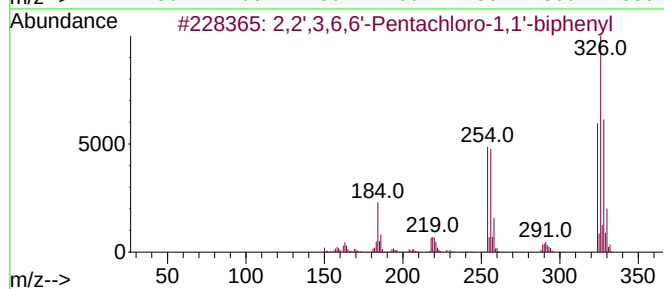
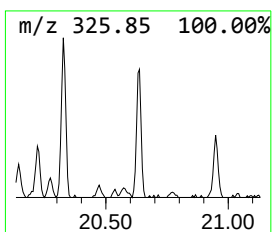
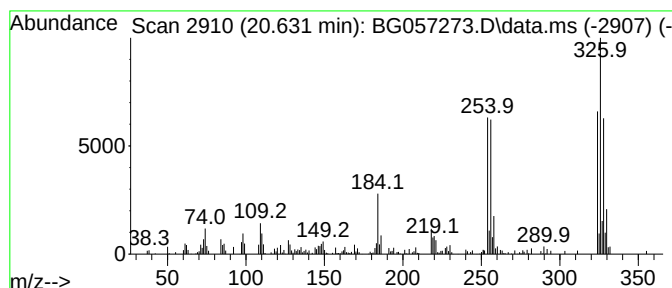
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 2,2',3,6,6'-Pentachloro-1,1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.631	6.92 ng/ul	127457	Chrysene-d12	22.047	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	96
2	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	96
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
4	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	96
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

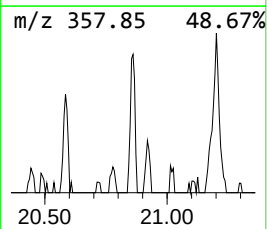
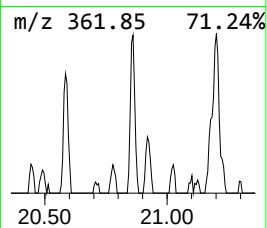
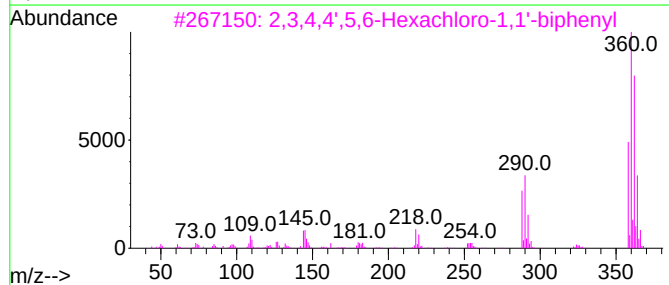
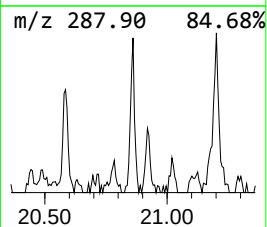
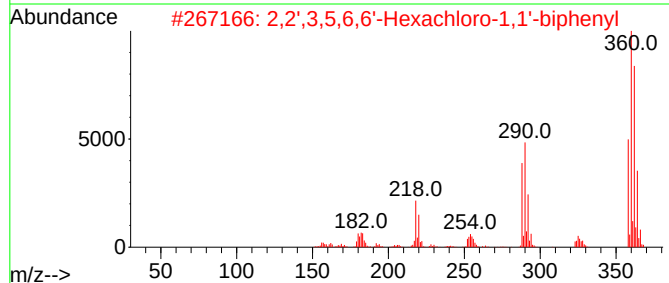
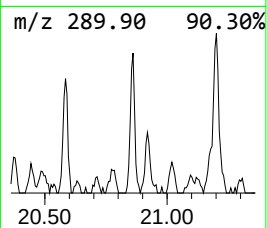
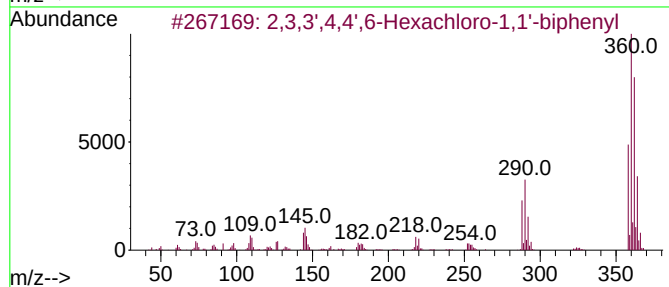
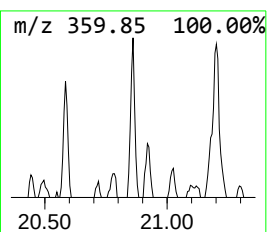
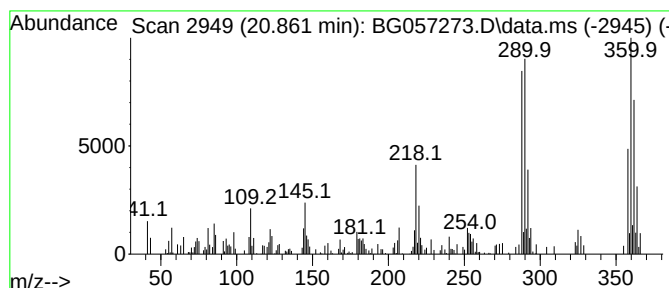
Instrument :
BNA_G
ClientSampleId :
EW924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 2,3,3',4,4',6-Hexachloro-1,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.860	3.48 ng/ul	64088	Chrysene-d12	22.047		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99	
2	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99	
3	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99	
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99	
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

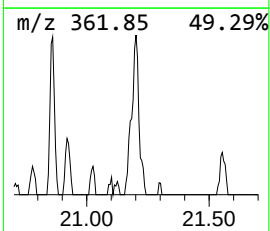
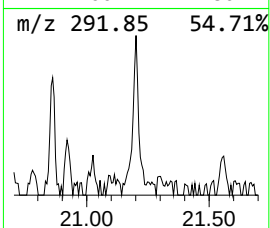
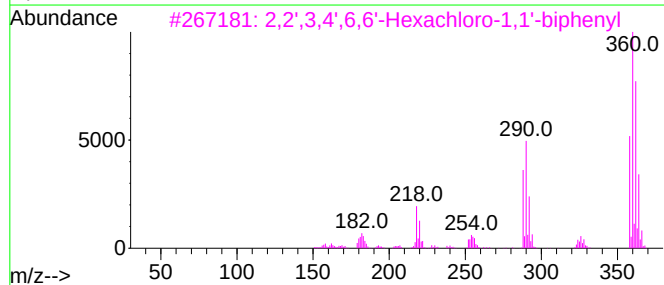
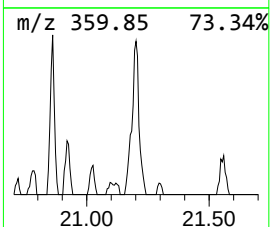
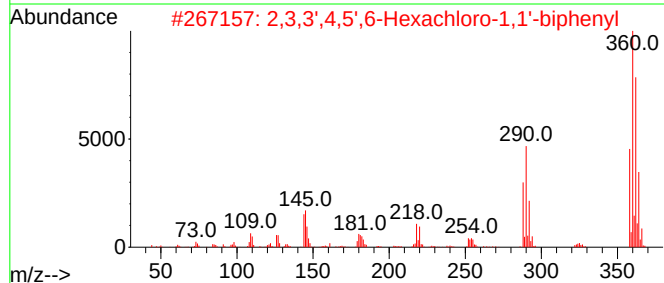
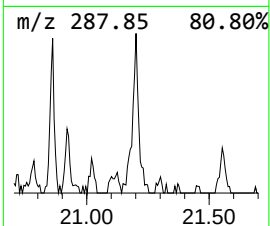
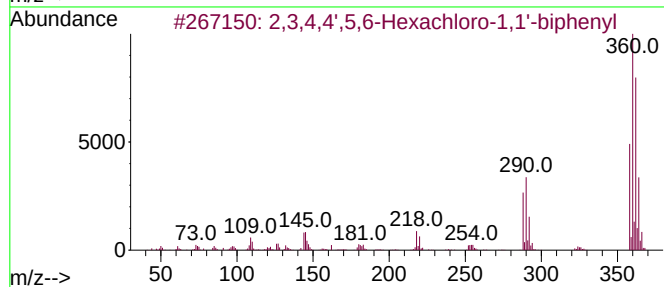
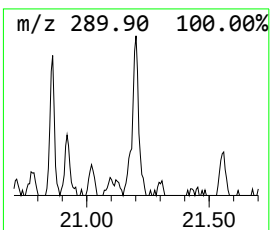
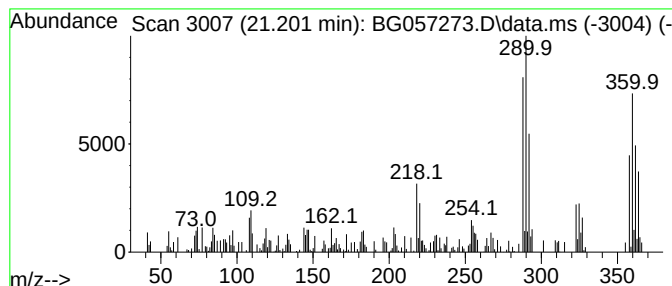
Instrument :
BNA_G
ClientSampleId :
EW924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 2,3,3',4,5',6-Hexachloro-1,... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.201	3.94 ng/ul	72479	Chrysene-d12	22.047	
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	95
2	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	95
3	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	94
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	93
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057273.D
Acq On : 2 May 2023 10:58
Operator : CG/JU
Sample : 02419-27
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.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
unknown-01	14.311	3.3	ng/ul	43690	3	14.992	264508	20.0
Benzophenone	16.326	5.7	ng/ul	75439	3	14.992	264508	20.0
1,8,11,14-Hepta...	16.419	6.5	ng/ul	86024	4	17.735	262804	20.0
(DEL) Alkane: S...	16.666	5.8	ng/ul	76715	4	17.735	262804	20.0
unknown-02	17.436	2.6	ng/ul	33725	4	17.735	262804	20.0
(DEL) Alkane: S...	17.483	2.5	ng/ul	32311	4	17.735	262804	20.0
1,1'-Biphenyl, ...	17.594	3.5	ng/ul	45513	4	17.735	262804	20.0
3,4,5-Trichloro...	18.164	3.2	ng/ul	42427	4	17.735	262804	20.0
1,1'-Biphenyl, ...	18.317	40.5	ng/ul	532576	4	17.735	262804	20.0
1,1'-Biphenyl, ...	18.440	7.8	ng/ul	102359	4	17.735	262804	20.0
1,1'-Biphenyl, ...	18.564	10.0	ng/ul	131300	4	17.735	262804	20.0
2,2',4,5-Tetrac...	18.775	19.0	ng/ul	249815	4	17.735	262804	20.0
1,1'-Biphenyl, ...	18.834	12.4	ng/ul	162455	4	17.735	262804	20.0
1,1'-Biphenyl, ...	18.881	5.9	ng/ul	77091	4	17.735	262804	20.0
Biphenyl, 2,4,4...	19.057	15.4	ng/ul	202643	4	17.735	262804	20.0
2,2',3,6-Tetrac...	19.104	4.6	ng/ul	60018	4	17.735	262804	20.0
1,1'-Biphenyl, ...	19.157	7.1	ng/ul	93042	4	17.735	262804	20.0
1,1'-Biphenyl, ...	19.192	4.0	ng/ul	52317	4	17.735	262804	20.0
3,3',4,5-Tetrac...	19.233	9.0	ng/ul	118114	4	17.735	262804	20.0
1,1'-Biphenyl, ...	19.533	6.6	ng/ul	86613	4	17.735	262804	20.0
1,1'-Biphenyl, ...	19.580	15.5	ng/ul	203758	4	17.735	262804	20.0
1,1'-Biphenyl, ...	19.615	17.2	ng/ul	226473	4	17.735	262804	20.0
2,3',4,5-Tetrac...	19.833	10.0	ng/ul	131302	4	17.735	262804	20.0
2,3,3',4,5-Pent...	19.885	14.2	ng/ul	185904	4	17.735	262804	20.0
2,2',3,4,4'-Pen...	19.950	3.0	ng/ul	56202	5	22.047	368264	20.0
1,1'-Biphenyl, ...	20.220	3.8	ng/ul	70719	5	22.047	368264	20.0
2,3,3',4,5'-Pen...	20.326	7.5	ng/ul	139078	5	22.047	368264	20.0
2,3,4,4',5,6-He...	20.579	2.7	ng/ul	48937	5	22.047	368264	20.0
2,2',3,6,6'-Pen...	20.631	6.9	ng/ul	127457	5	22.047	368264	20.0
2,3,3',4,4',6-H...	20.860	3.5	ng/ul	64088	5	22.047	368264	20.0
2,3,3',4,5',6-H...	21.201	3.9	ng/ul	72479	5	22.047	368264	20.0