

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057292.D
 Acq On : 3 May 2023 18:39
 Operator : CG/JU
 Sample : 02419-24DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW921DL

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: BG057292.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.831	382	390	398	rVB	21073	34483	1.11%	0.300%
2	6.325	468	474	482	rVB	27050	43817	1.42%	0.381%
3	6.836	555	561	565	rBV2	6931	9986	0.32%	0.087%
4	7.441	659	664	669	rBV4	2421	4499	0.15%	0.039%
5	7.523	672	678	685	rVB3	12736	25039	0.81%	0.218%
6	7.681	697	705	712	rVB	9651	15886	0.51%	0.138%
7	7.911	738	744	750	rVB2	12216	19383	0.63%	0.169%
8	8.381	818	824	833	rVB	58349	95276	3.08%	0.829%
9	9.085	937	944	951	rBV2	14427	23063	0.75%	0.201%
10	9.215	958	966	973	rBV2	7772	14426	0.47%	0.125%
11	9.555	1018	1024	1034	rBB	12483	23242	0.75%	0.202%
12	10.290	1141	1149	1156	rVB3	9688	17836	0.58%	0.155%
13	10.842	1237	1243	1249	rBV	14526	25108	0.81%	0.218%
14	11.218	1297	1307	1321	rVB	75693	144155	4.66%	1.254%
15	11.353	1321	1330	1336	rBV4	4527	9236	0.30%	0.080%
16	12.569	1533	1537	1542	rBB3	3010	4264	0.14%	0.037%
17	12.851	1580	1585	1586	rBV3	2747	4034	0.13%	0.035%
18	13.497	1687	1695	1699	rBV2	1758	3132	0.10%	0.027%
19	13.779	1737	1743	1748	rVB3	4239	7009	0.23%	0.061%
20	13.850	1748	1755	1760	rBV4	2245	4876	0.16%	0.042%
21	14.314	1827	1834	1839	rBV5	3453	6229	0.20%	0.054%
22	14.372	1839	1844	1849	rVV	35891	53830	1.74%	0.468%
23	14.425	1849	1853	1858	rVV5	4591	9203	0.30%	0.080%
24	14.490	1858	1864	1868	rVV5	4286	6486	0.21%	0.056%
25	14.696	1892	1899	1908	rBV3	76106	129666	4.19%	1.128%
26	14.837	1916	1923	1927	rVV4	5908	9280	0.30%	0.081%
27	14.995	1943	1950	1957	rVB2	148837	248997	8.05%	2.166%
28	15.060	1957	1961	1963	rVV4	4343	4872	0.16%	0.042%
29	15.201	1979	1985	1989	rBV5	8364	16295	0.53%	0.142%
30	15.342	2004	2009	2012	rBV6	2595	5130	0.17%	0.045%
31	15.383	2012	2016	2021	rVB6	6965	10770	0.35%	0.094%
32	15.453	2025	2028	2031	rBV4	3684	4694	0.15%	0.041%
33	15.594	2047	2052	2056	rBV5	3431	6028	0.19%	0.052%
34	15.653	2058	2062	2064	rVV4	3987	5329	0.17%	0.046%
35	15.782	2078	2084	2088	rVV4	10425	18126	0.59%	0.158%
36	15.976	2112	2117	2122	rBV	54239	86488	2.80%	0.752%

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37	16.023	2123	2125	2132	rVB5	3831	6671	0.22%	0.058%
38	16.117	2139	2141	2145	rVB5	3014	3388	0.11%	0.029%
39	16.182	2150	2152	2156	rVV4	6459	9877	0.32%	0.086%
40	16.229	2156	2160	2166	rVB	15089	23276	0.75%	0.202%
41	16.329	2172	2177	2183	rVB	34484	47635	1.54%	0.414%
42	16.423	2189	2193	2198	rVB7	7606	11642	0.38%	0.101%
43	16.475	2198	2202	2205	rBV5	3472	5446	0.18%	0.047%
44	16.640	2226	2230	2231	rBV3	14460	13693	0.44%	0.119%
45	16.663	2231	2234	2242	rVB5	19008	34361	1.11%	0.299%
46	16.810	2257	2259	2260	rBV2	4396	3354	0.11%	0.029%
47	16.834	2261	2263	2269	rVV7	9613	12516	0.40%	0.109%
48	16.904	2271	2275	2279	rVV2	17832	25785	0.83%	0.224%
49	16.951	2279	2283	2288	rVB	28370	38844	1.26%	0.338%
50	17.057	2297	2301	2305	rVB	16703	22365	0.72%	0.195%
51	17.251	2330	2334	2338	rVB	21394	31274	1.01%	0.272%
52	17.316	2340	2345	2349	rVV	65906	97605	3.15%	0.849%
53	17.357	2350	2352	2356	rVB4	7914	7907	0.26%	0.069%
54	17.439	2363	2366	2370	rBV3	10575	18074	0.58%	0.157%
55	17.480	2371	2373	2377	rVV	16337	20873	0.67%	0.182%
56	17.533	2377	2382	2387	rVV	93708	138672	4.48%	1.206%
57	17.592	2388	2392	2396	rVV2	50656	72093	2.33%	0.627%
58	17.633	2396	2399	2403	rVB2	30796	40765	1.32%	0.355%
59	17.709	2407	2412	2413	rVV2	63022	84602	2.73%	0.736%
60	17.738	2413	2417	2421	rVV	184085	281100	9.09%	2.445%
61	17.780	2421	2424	2429	rVB	42427	55807	1.80%	0.485%
62	17.832	2429	2433	2438	rBV	60692	92719	3.00%	0.807%
63	17.897	2438	2444	2451	rVB2	104878	168953	5.46%	1.470%
64	18.167	2487	2490	2494	rBV3	36305	47404	1.53%	0.412%
65	18.320	2509	2516	2523	rVB2	313711	697159	22.53%	6.064%
66	18.443	2531	2537	2544	rBV3	64665	130012	4.20%	1.131%
67	18.567	2554	2558	2563	rBV2	112998	186908	6.04%	1.626%
68	18.620	2564	2567	2569	rVV3	49167	71024	2.30%	0.618%
69	18.649	2569	2572	2578	rVB	109694	144072	4.66%	1.253%
70	18.778	2589	2594	2600	rBV	206822	265543	8.58%	2.310%
71	18.837	2600	2604	2608	rVV2	133147	179109	5.79%	1.558%
72	18.878	2608	2611	2618	rVB2	81186	123191	3.98%	1.072%
73	19.060	2637	2642	2646	rBV	154834	225047	7.27%	1.958%
74	19.166	2656	2660	2663	rBV	63634	84078	2.72%	0.731%
75	19.195	2663	2665	2668	rVV	40211	39153	1.27%	0.341%
76	19.231	2668	2671	2676	rVB	100912	130403	4.22%	1.134%

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77	19.278	2677	2679	2683	rBV2	30646	37424	1.21%	0.326%
78	19.536	2719	2723	2726	rBV	75007	96998	3.14%	0.844%
79	19.583	2727	2731	2734	rVV	165865	245731	7.94%	2.138%
80	19.618	2734	2737	2743	rVB2	160198	264916	8.56%	2.304%
81	19.771	2759	2763	2767	rBV	83785	101318	3.27%	0.881%
82	19.830	2771	2773	2779	rVV	81670	138604	4.48%	1.206%
83	19.888	2779	2783	2789	rVB	157056	209577	6.77%	1.823%
84	19.953	2791	2794	2798	rVB4	49159	61079	1.97%	0.531%
85	20.106	2816	2820	2822	rBV	80911	123526	3.99%	1.075%
86	20.223	2837	2840	2844	rVB2	59653	72423	2.34%	0.630%
87	20.329	2855	2858	2863	rVB	131069	159262	5.15%	1.385%
88	20.635	2908	2910	2915	rVB	99211	116434	3.76%	1.013%
89	21.633	3076	3080	3088	rVB	189578	300417	9.71%	2.613%
90	21.880	3117	3122	3129	rVB	426293	645009	20.85%	5.611%
91	22.056	3148	3152	3157	rVB	149407	260634	8.42%	2.267%
92	22.262	3183	3187	3194	rVB	168485	263452	8.52%	2.292%
93	22.338	3195	3200	3206	rBV	246146	378637	12.24%	3.294%
94	22.403	3207	3211	3214	rVV	56366	84225	2.72%	0.733%
95	25.557	3738	3748	3763	rVB	1041806	3093760	100.00%	26.912%

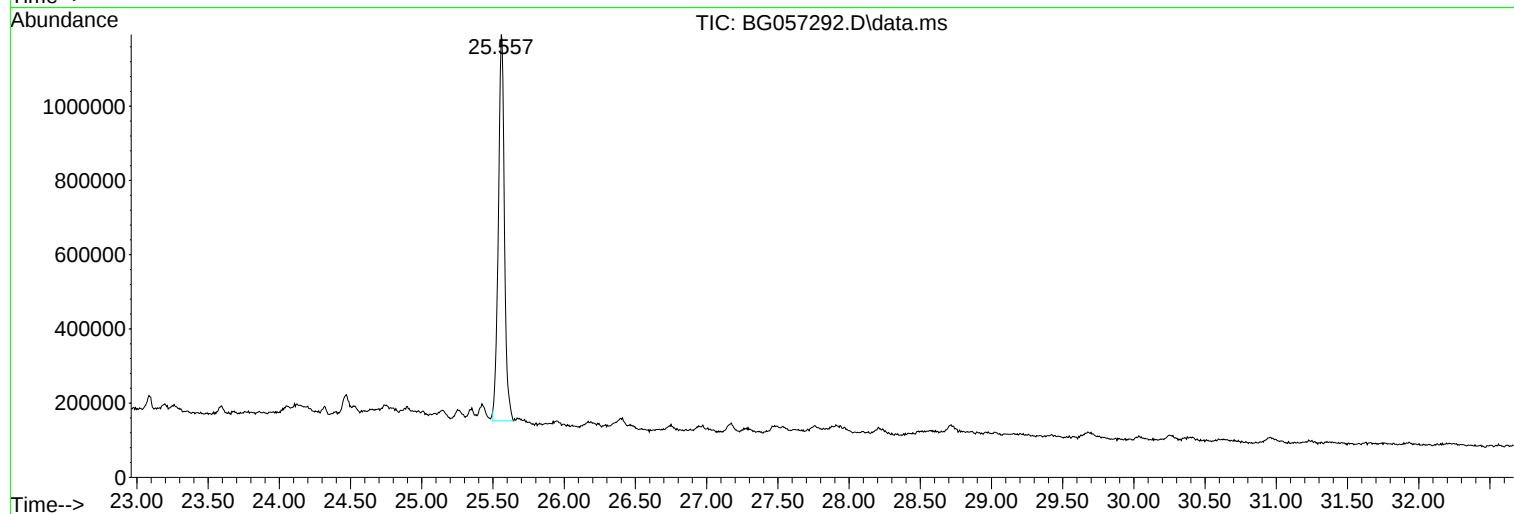
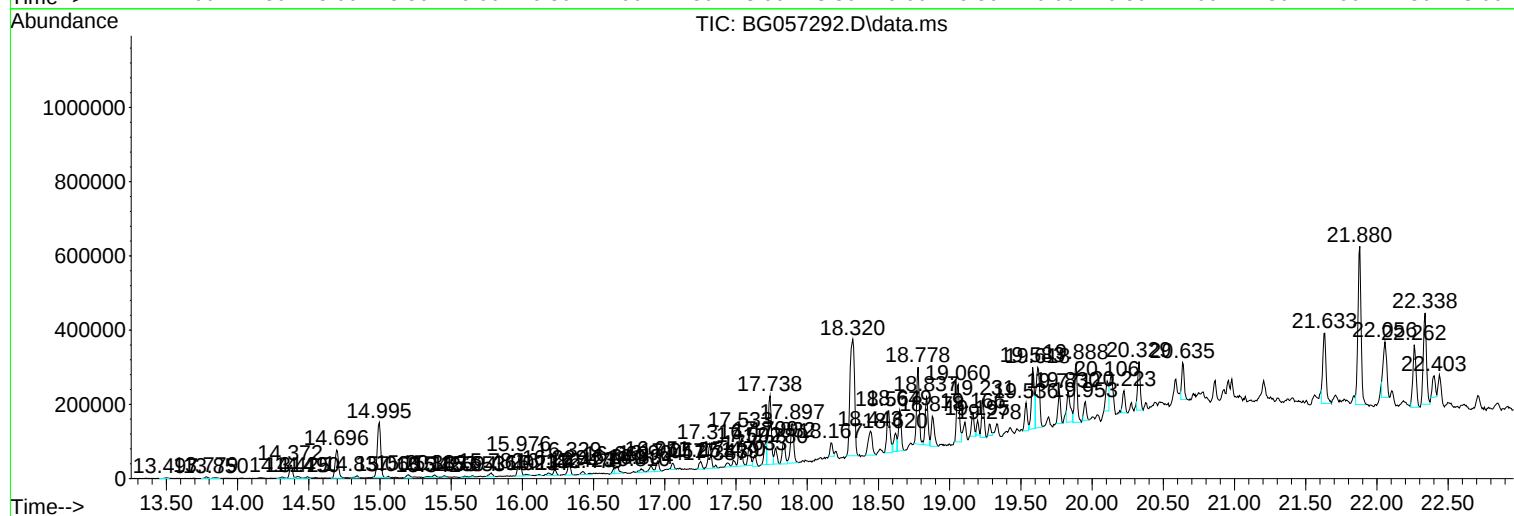
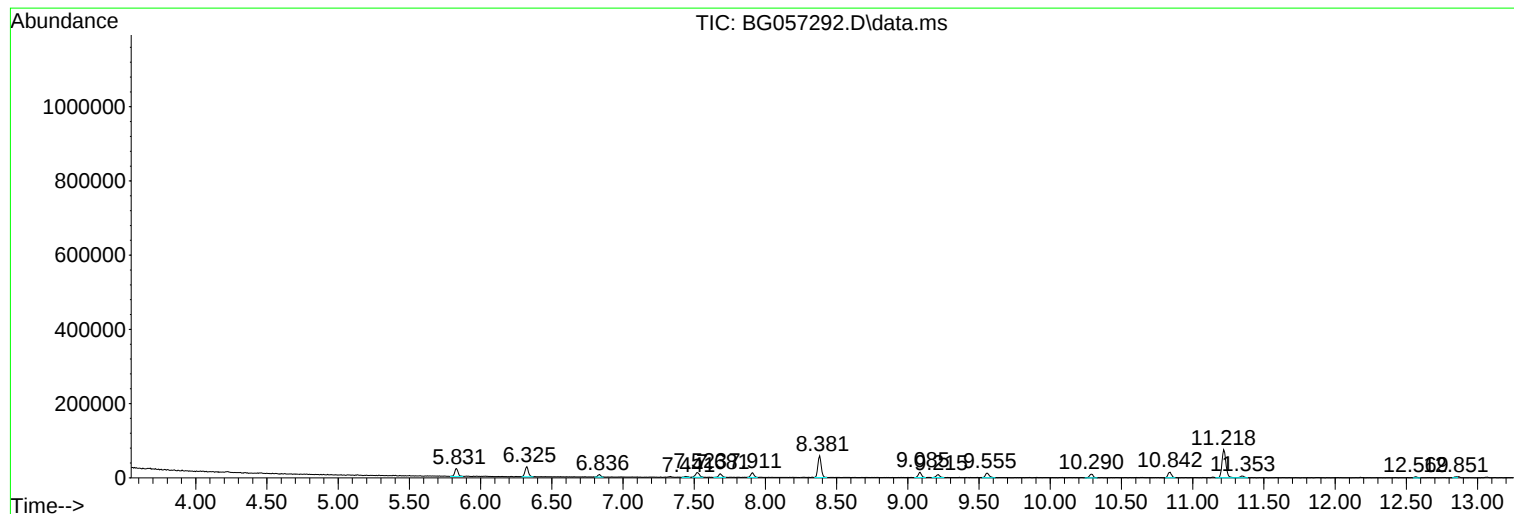
Sum of corrected areas: 11495999

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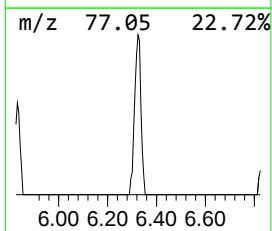
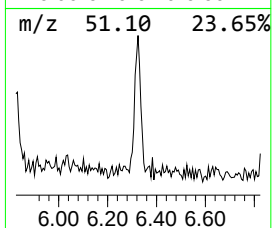
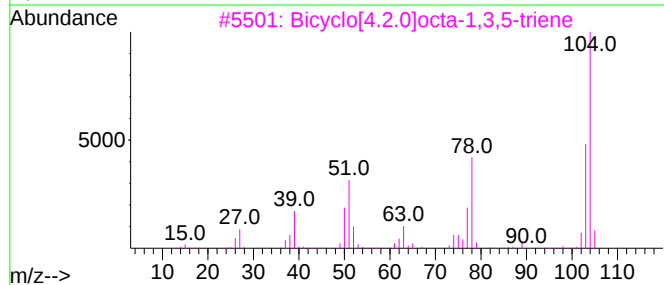
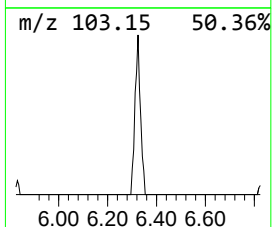
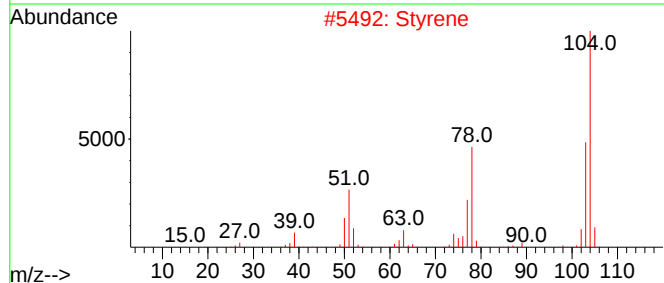
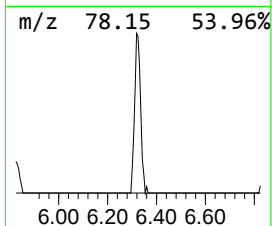
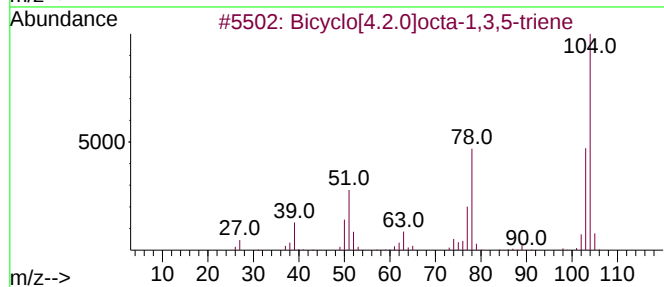
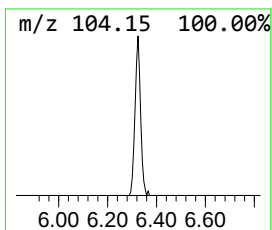
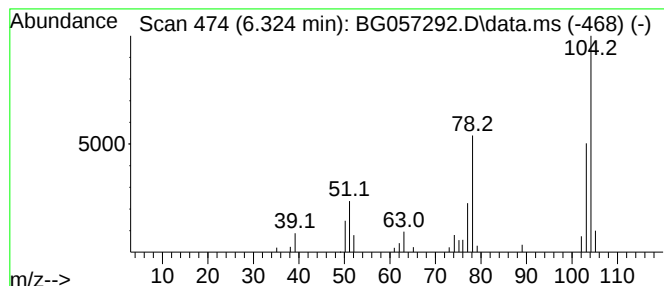
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.324	9.20 ng/ul	43817	1,4-Dichlorobenzene-d4	8.381

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
2			Styrene	104	C8H8	000100-42-5	96
3			Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	94
4			1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	91
5			Styrene	104	C8H8	000100-42-5	91



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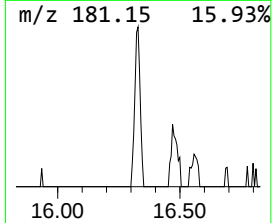
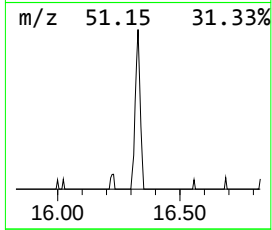
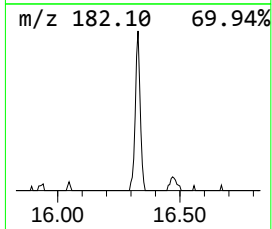
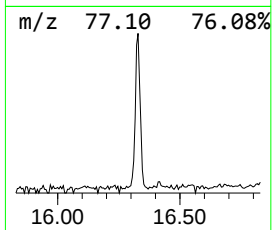
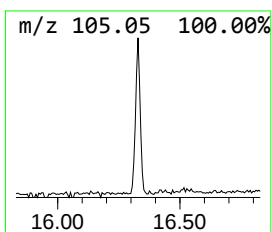
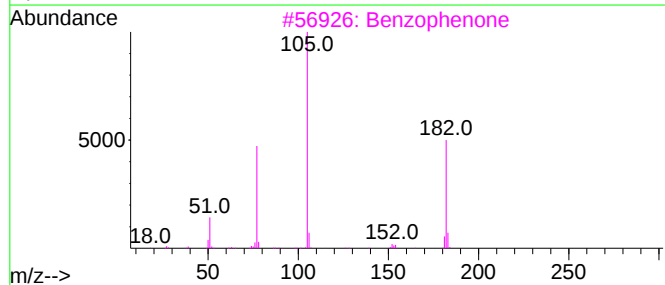
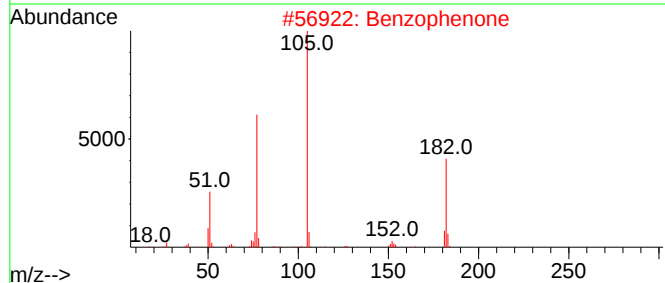
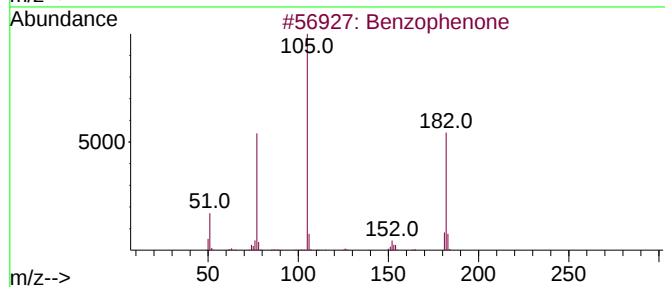
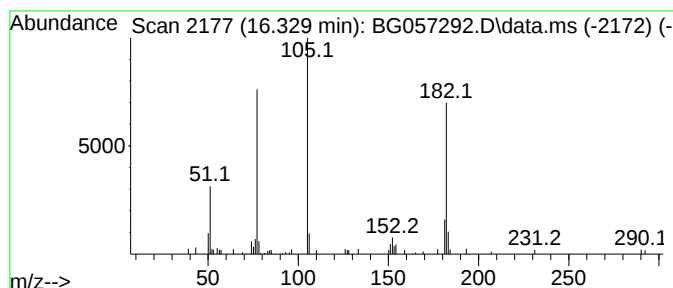
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzophenone Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.329	3.83 ng/ul	47635	Acenaphthene-d10	14.995

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	93
2			Benzophenone	182	C13H10O	000119-61-9	91
3			Benzophenone	182	C13H10O	000119-61-9	87
4			Benzophenone	182	C13H10O	000119-61-9	87
5			Benzophenone	182	C13H10O	000119-61-9	76



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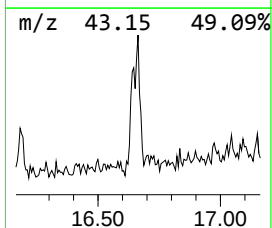
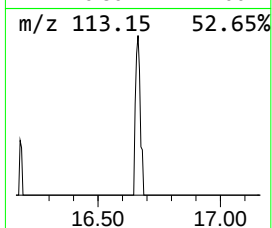
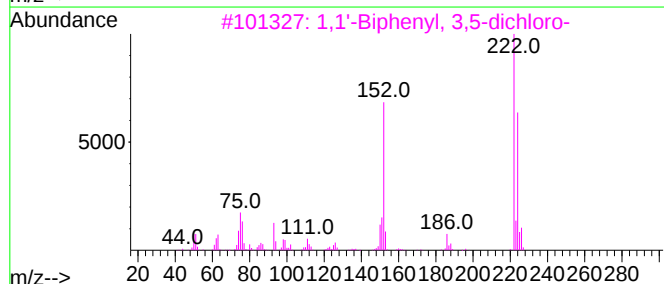
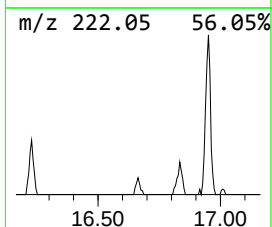
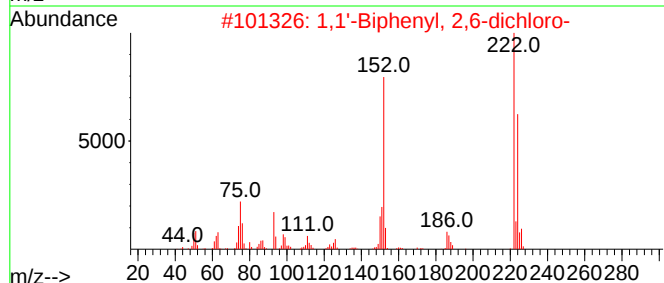
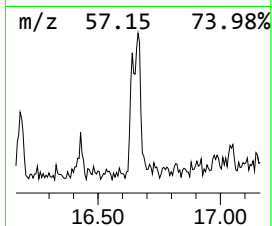
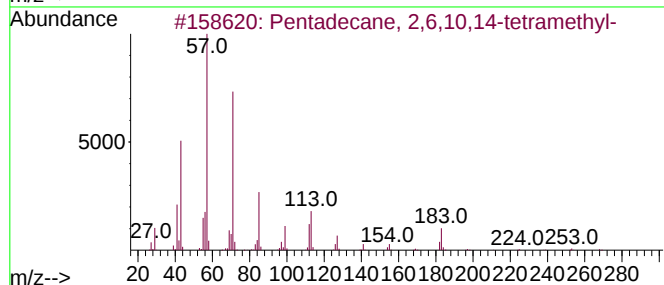
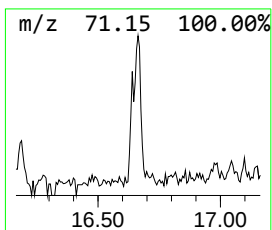
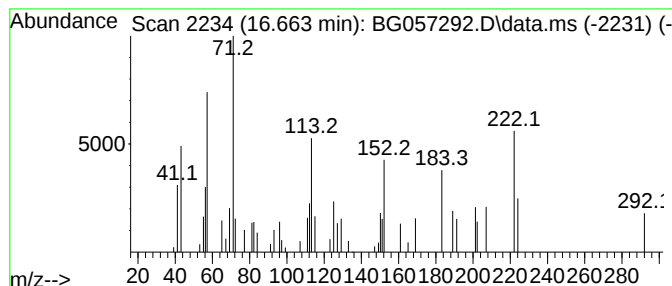
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.663	2.44 ng/ul	34361	Phenanthrene-d10	17.738

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	22
2			1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	14
3			1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	14
4			1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	14
5			1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EW921DL

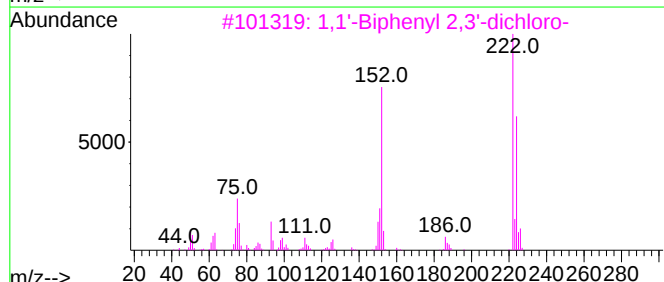
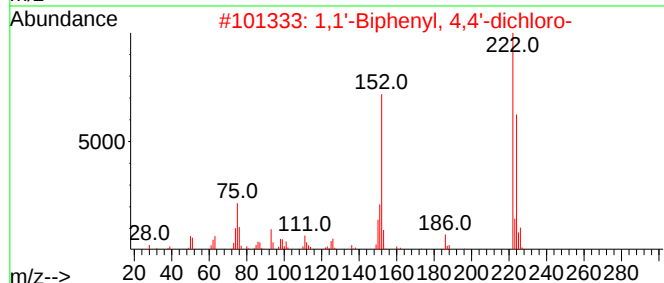
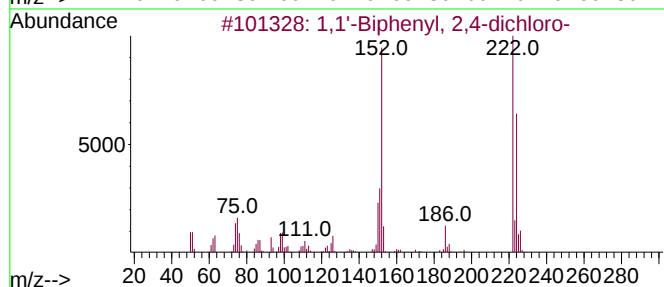
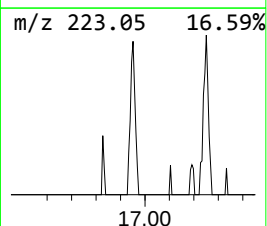
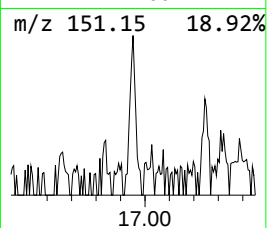
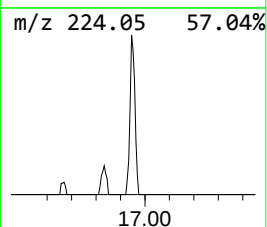
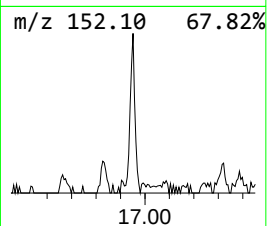
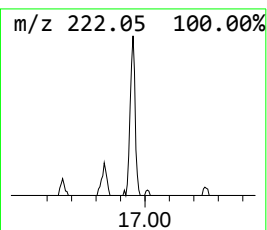
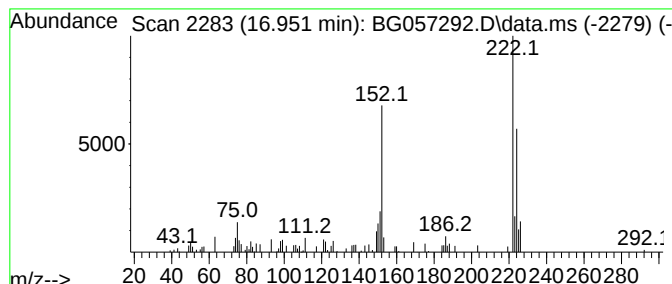
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.951	2.76 ng/ul	38844	Phenanthrene-d10	17.738

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	97		
2	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	96		
3	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	96		
4	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	96		
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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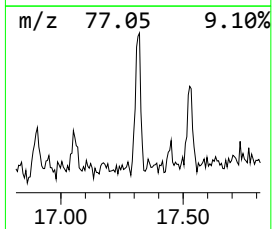
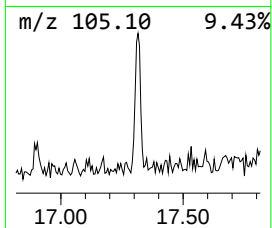
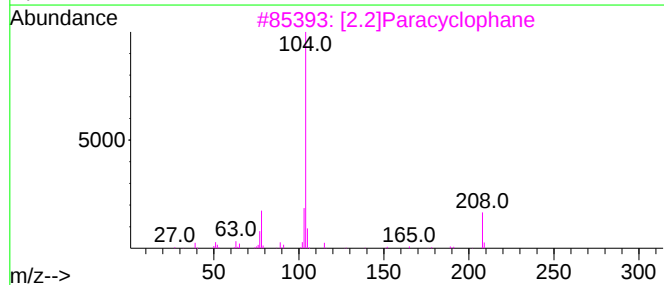
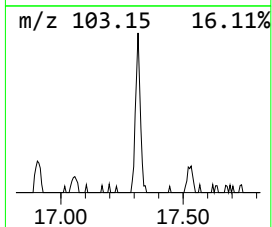
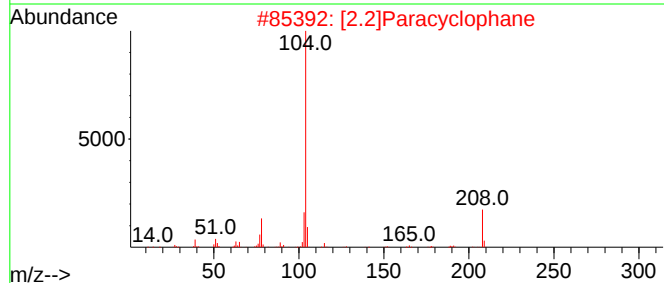
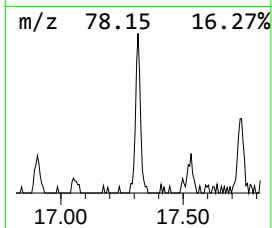
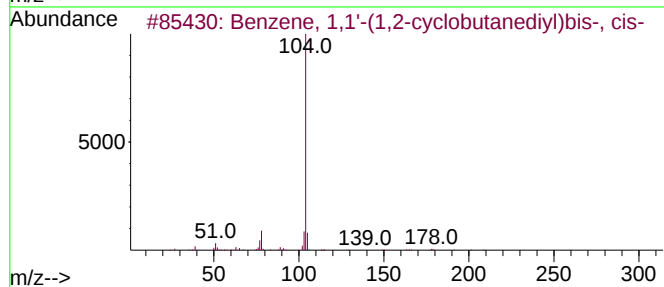
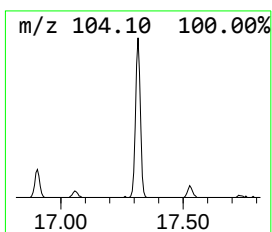
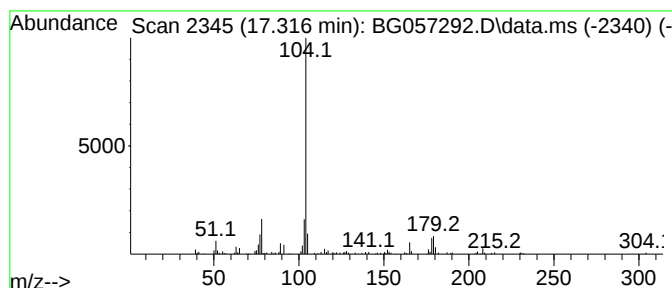
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1,1'-(1,2-cyclobut... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.316	6.94 ng/ul	97605	Phenanthrene-d10	17.738

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	91
2			[2.2]Paracyclophane	208	C16H16	001633-22-3	83
3			[2.2]Paracyclophane	208	C16H16	001633-22-3	83
4			[2.2]Paracyclophane	208	C16H16	001633-22-3	72
5			Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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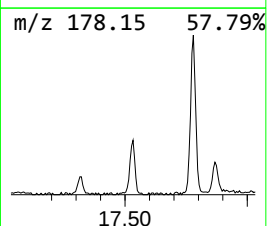
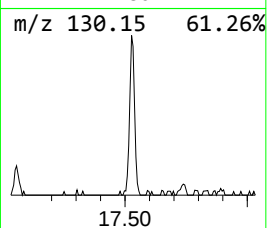
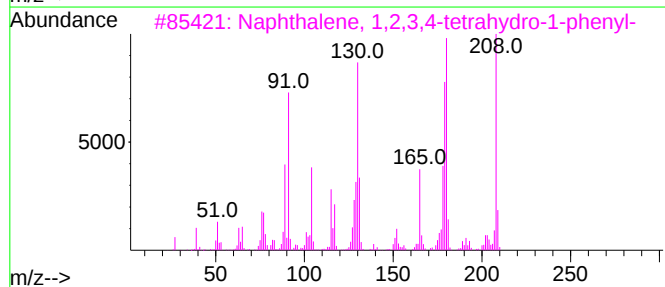
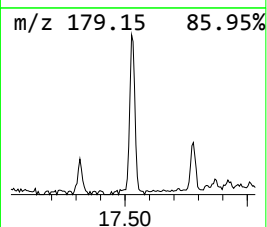
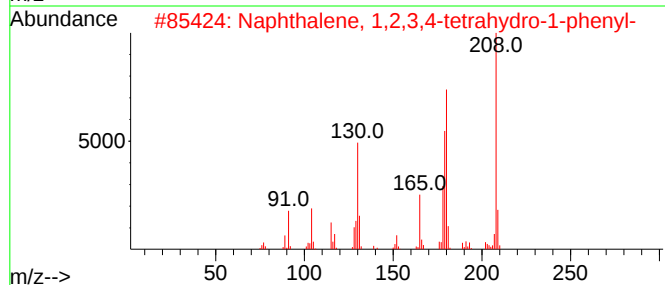
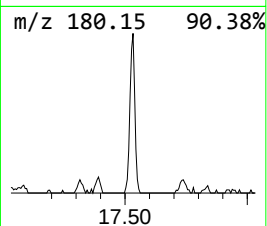
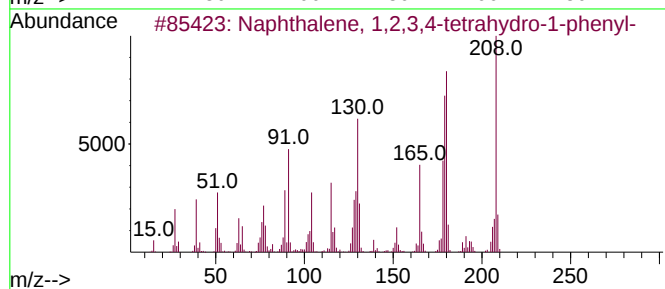
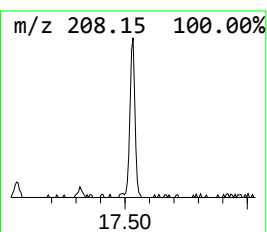
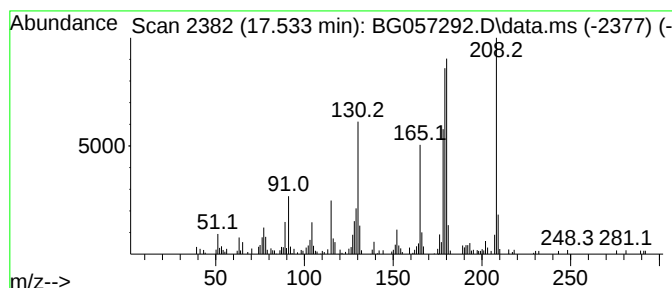
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.533	9.87 ng/ul	138672	Phenanthrene-d10	17.738

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	93
3			Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	87
4			3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	86
5			Dibenzosuberone	208	C15H12O	001210-35-1	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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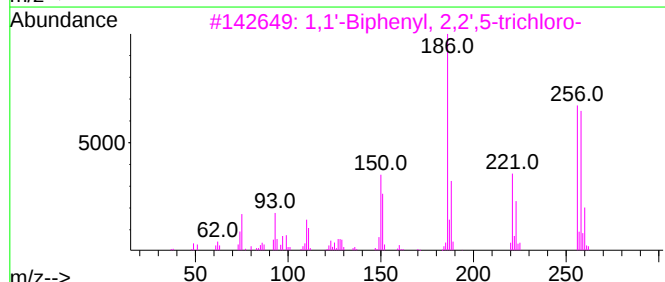
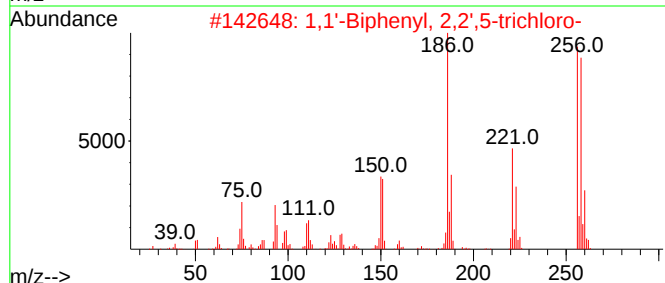
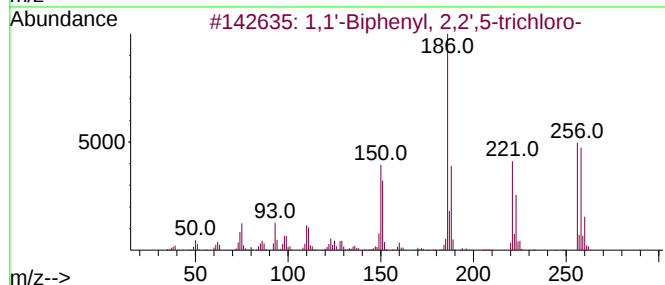
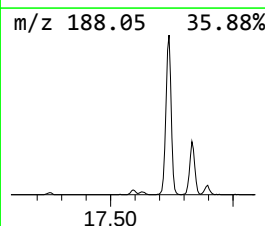
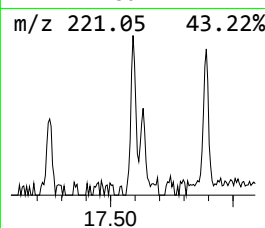
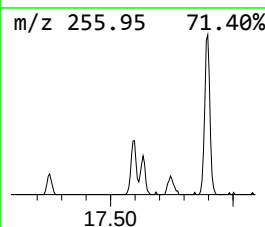
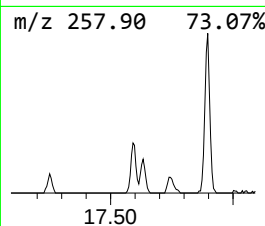
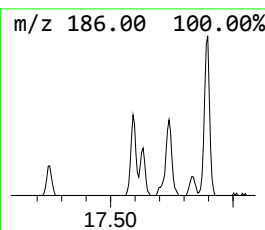
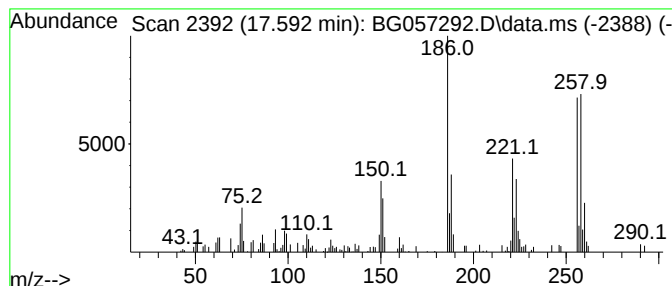
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.592	5.13 ng/ul	72093	Phenanthrene-d10	17.738

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99	
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99	
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98	
4	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	98	
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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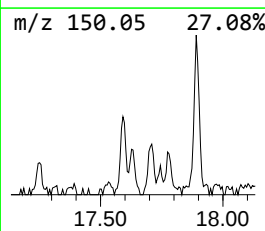
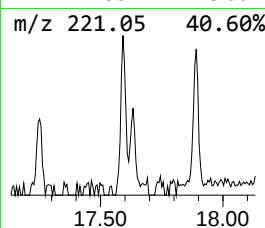
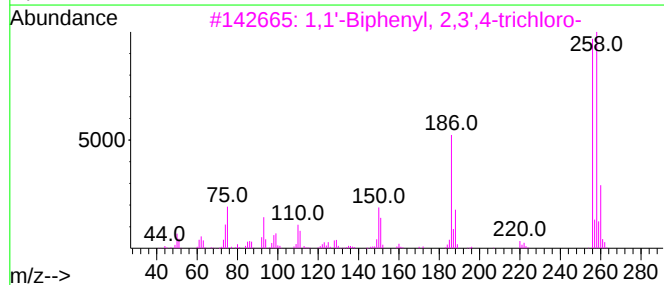
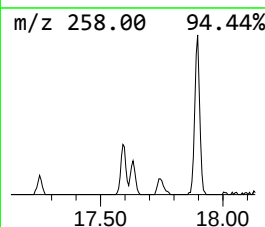
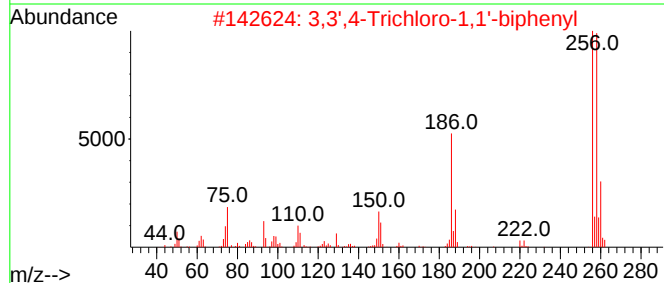
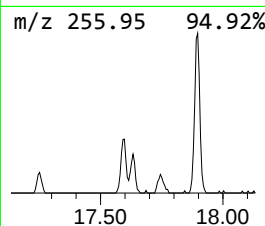
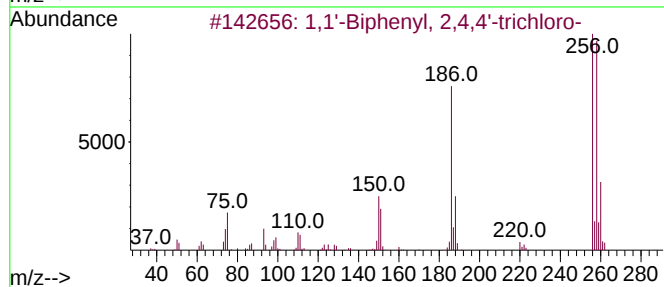
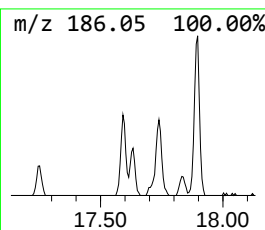
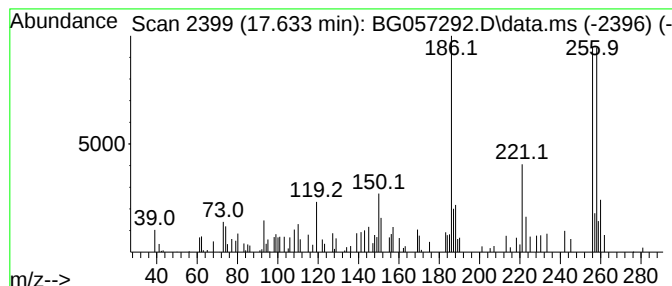
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.633	2.90 ng/ul	40765	Phenanthrene-d10	17.738

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96	
2	3,3',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-69-6	94	
3	1,1'-Biphenyl, 2,3',4-trichloro-	256	C12H7Cl3	055712-37-3	94	
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	90	
5	2,3,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	055720-44-0	90	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
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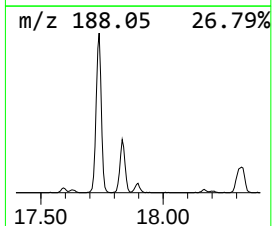
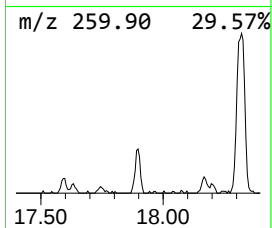
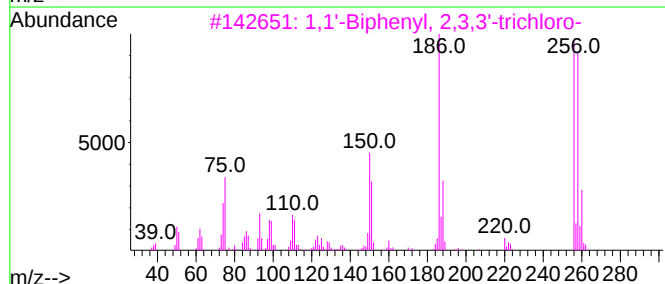
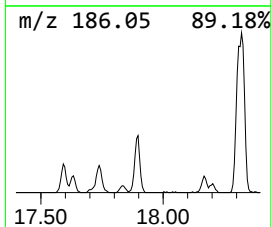
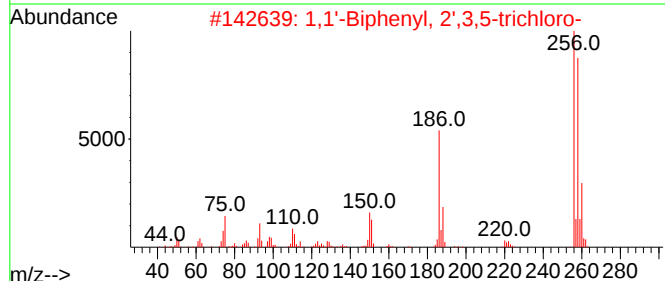
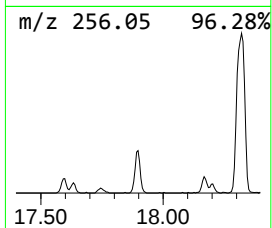
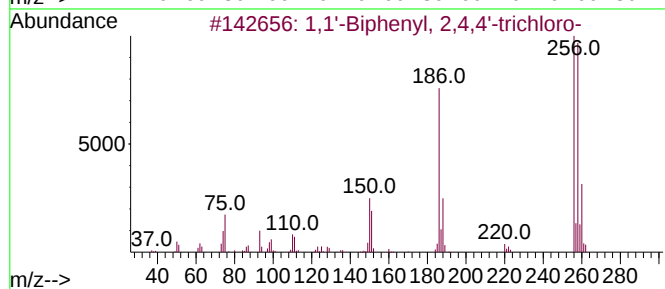
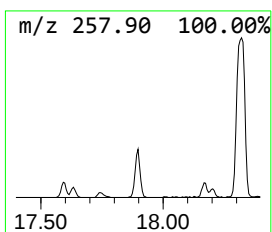
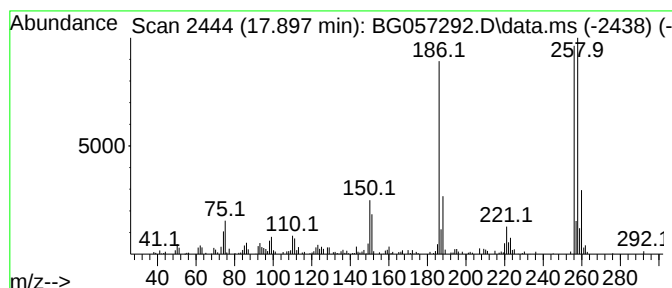
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2',3,5-trich... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.897	12.02 ng/ul	168953	Phenanthrene-d10	17.738	
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	037680-68-5	99
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
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Misc :
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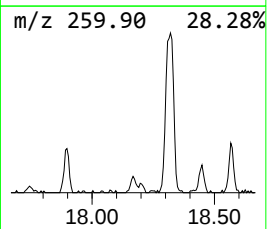
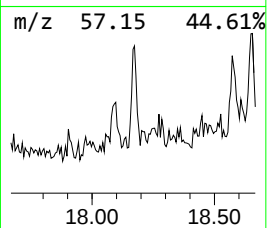
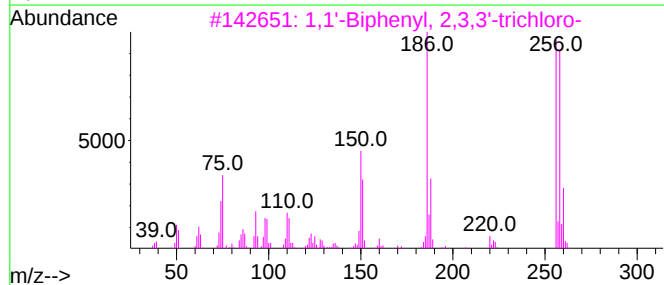
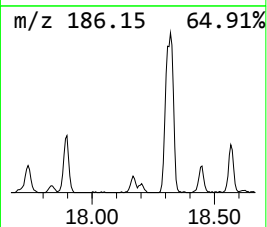
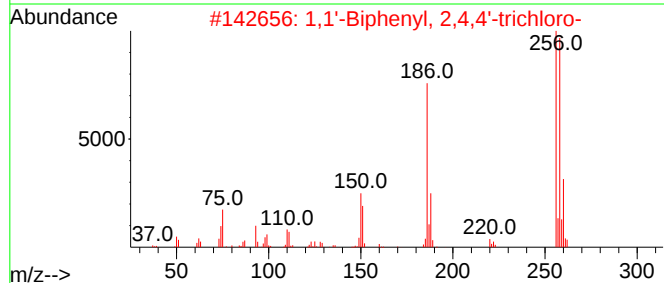
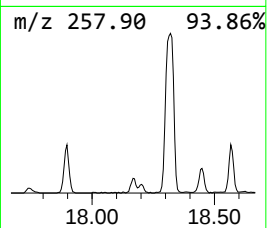
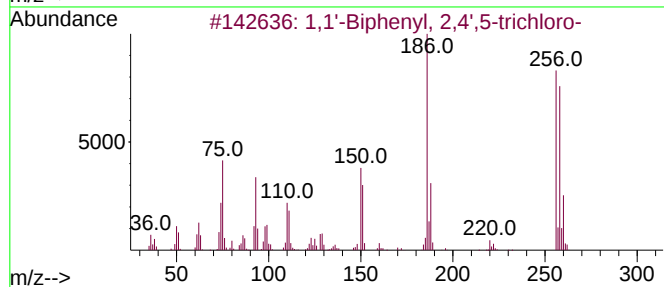
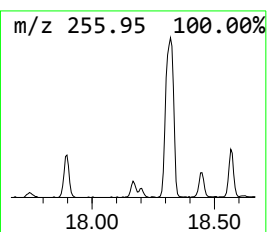
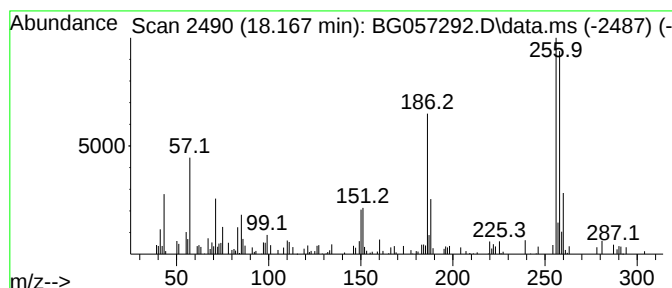
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.167	3.37 ng/ul	47404	Phenanthrene-d10	17.738

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97		
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96		
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	96		
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95		
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW921DL

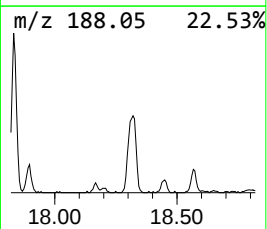
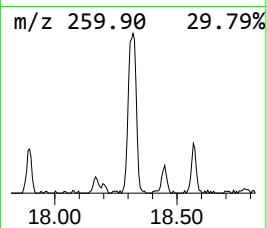
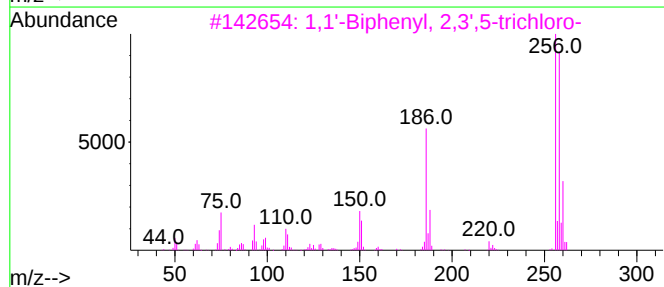
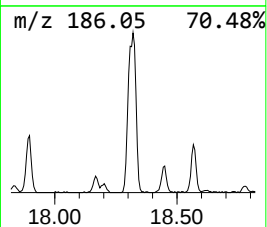
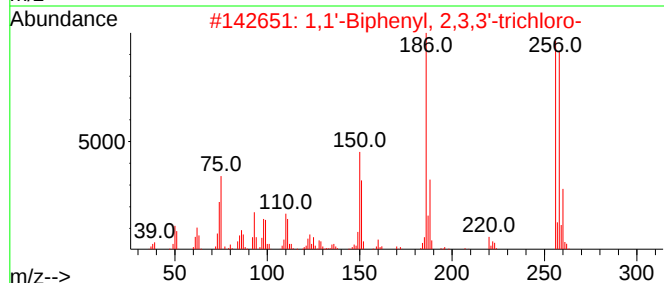
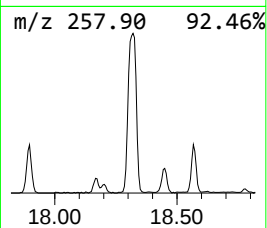
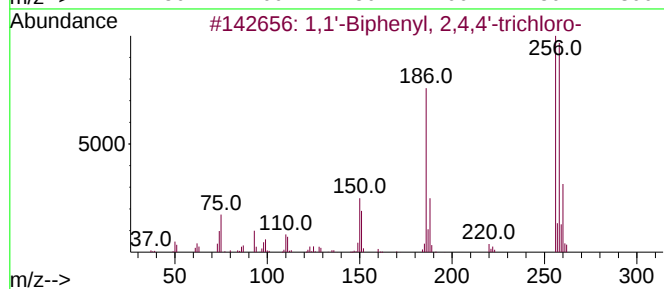
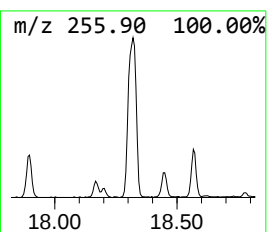
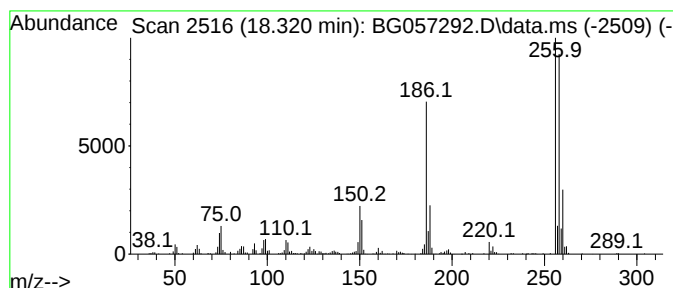
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 14 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.320	49.60 ng/ul	697159	Phenanthrene-d10	17.738	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW921DL

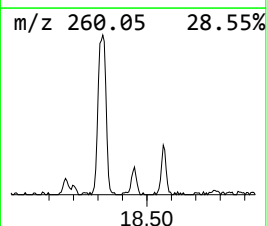
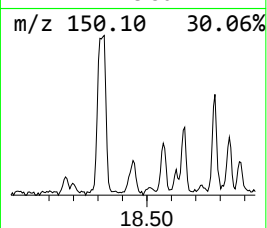
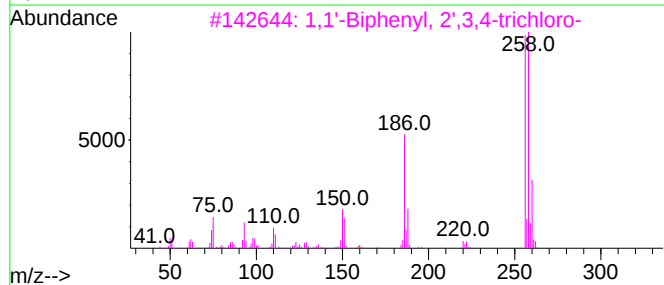
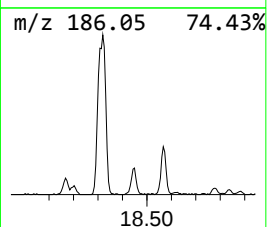
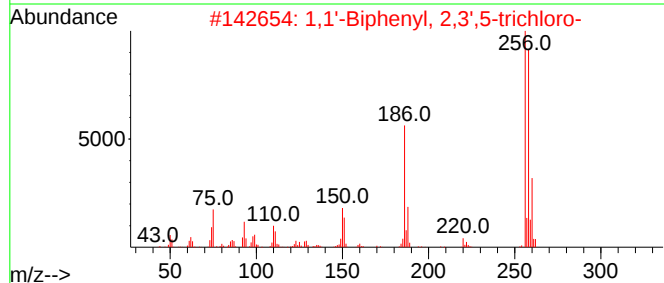
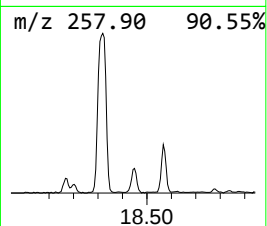
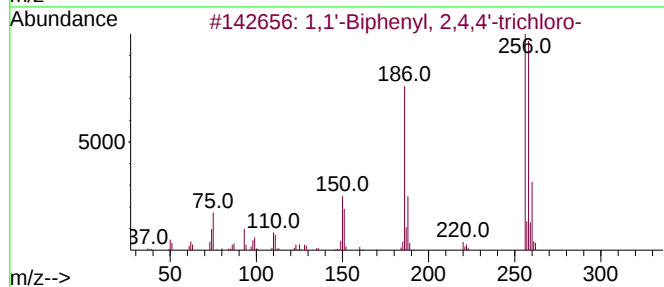
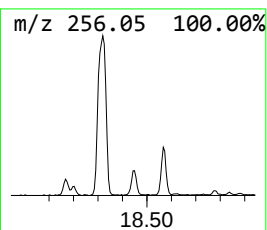
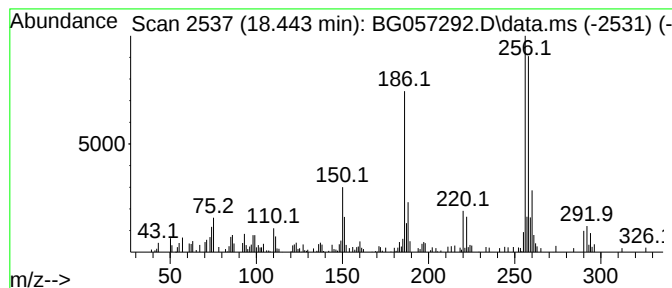
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.443	9.25 ng/ul	130012	Phenanthrene-d10	17.738

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, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98	
4	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	98	
5	3,3',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-69-6	98	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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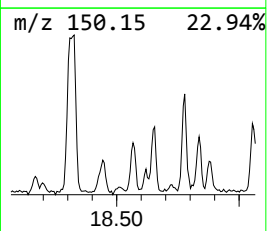
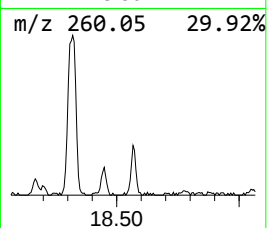
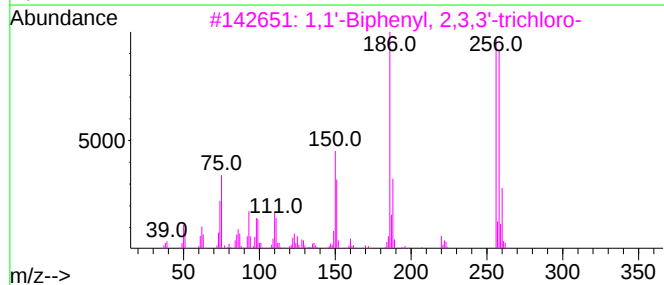
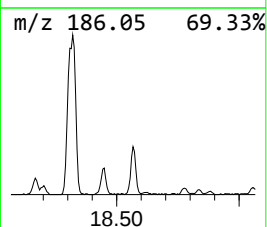
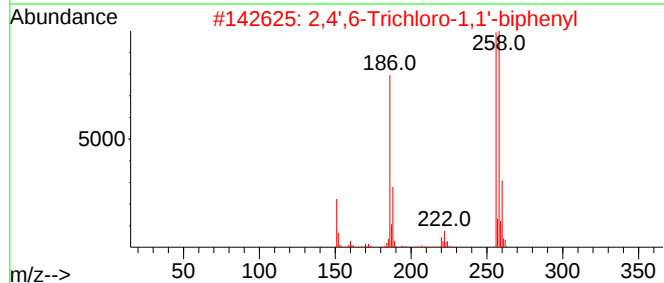
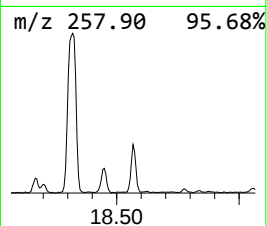
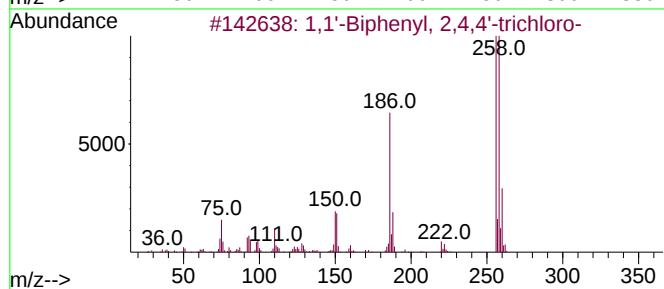
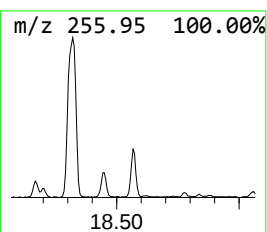
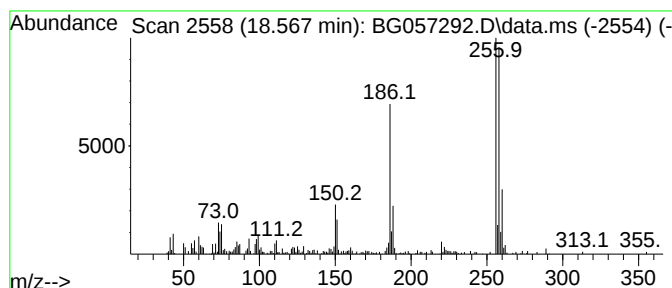
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 2,4',6-Trichloro-1,1'-biphenyl Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.567	13.30 ng/ul	186908	Phenanthrene-d10	17.738

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98		
2	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	96		
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	96		
4	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	96		
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	95		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
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Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

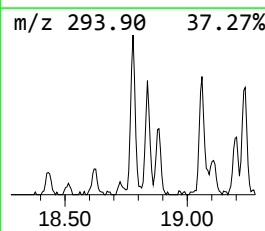
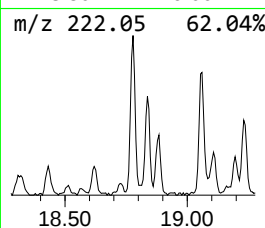
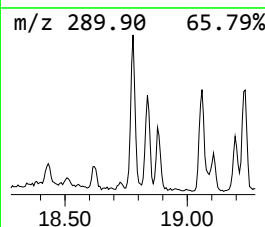
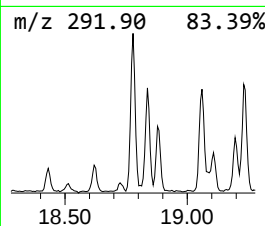
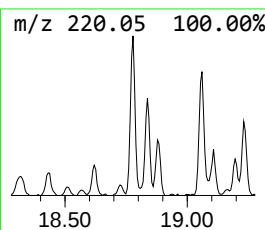
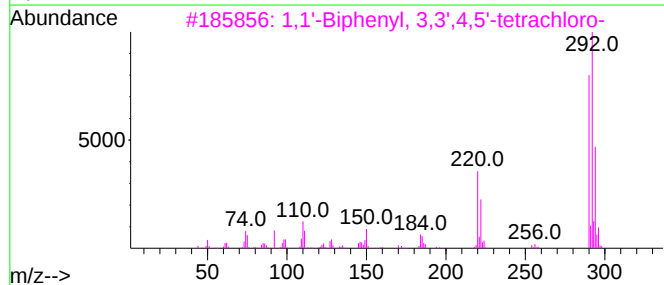
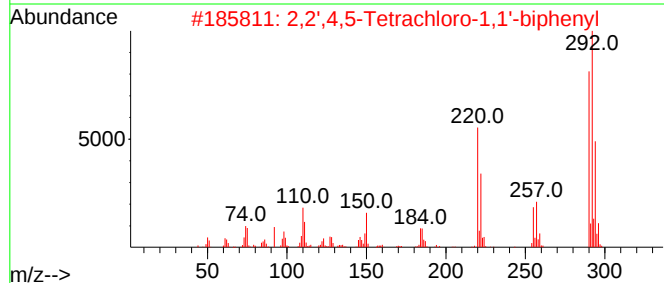
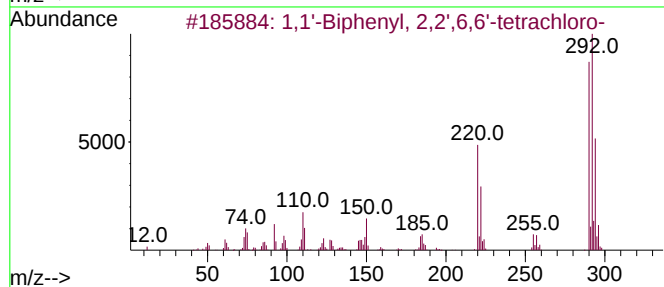
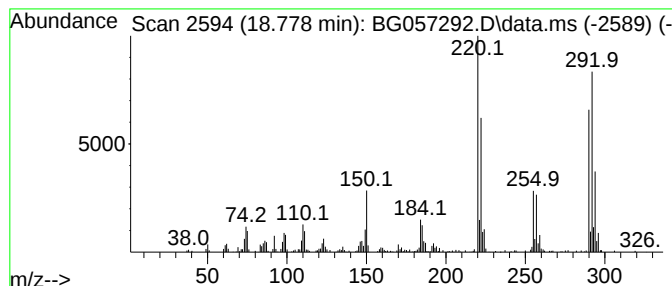
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.778	18.89 ng/ul	265543	Phenanthrene-d10	17.738	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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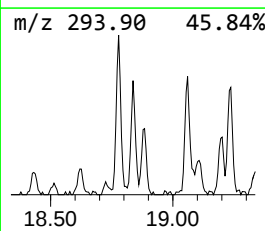
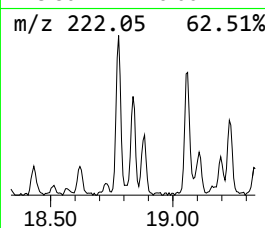
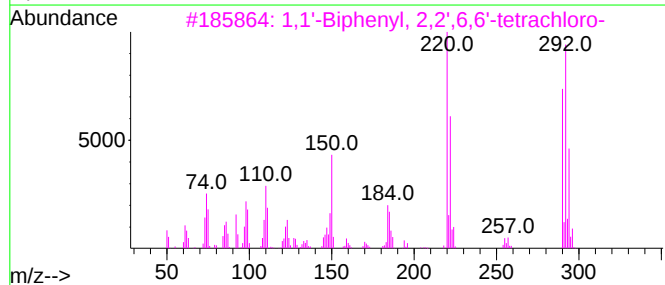
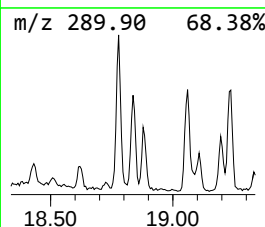
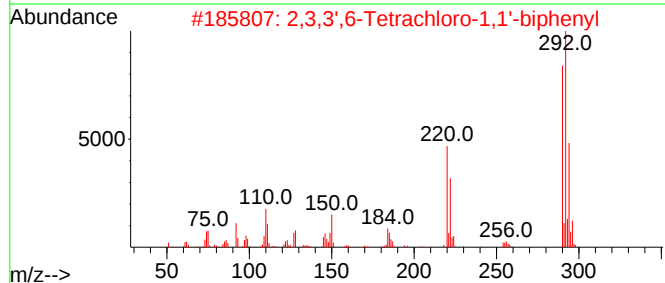
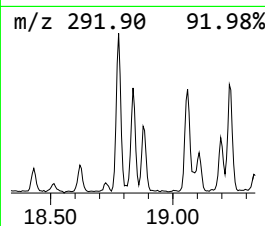
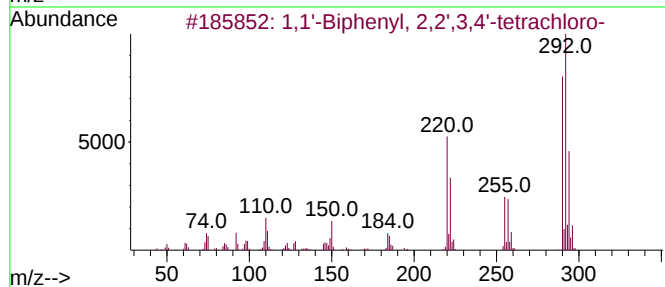
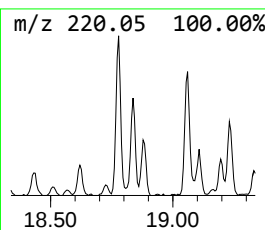
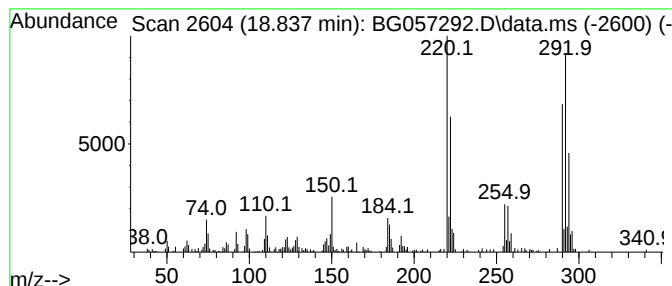
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2,2',3,4'-te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.837	12.74 ng/ul	179109	Phenanthrene-d10	17.738

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99		
2	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99		
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99		
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99		
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
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Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

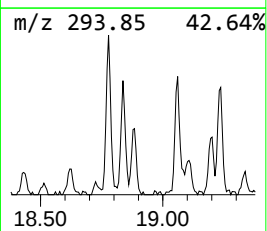
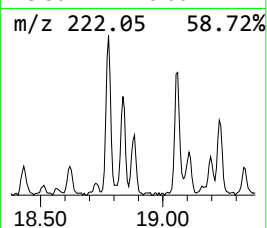
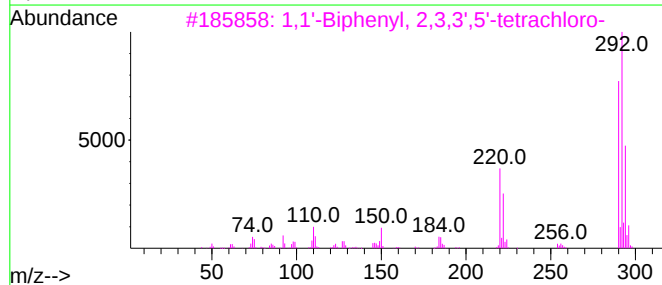
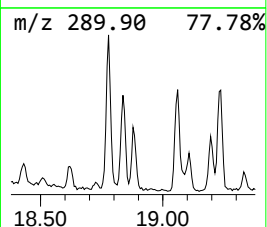
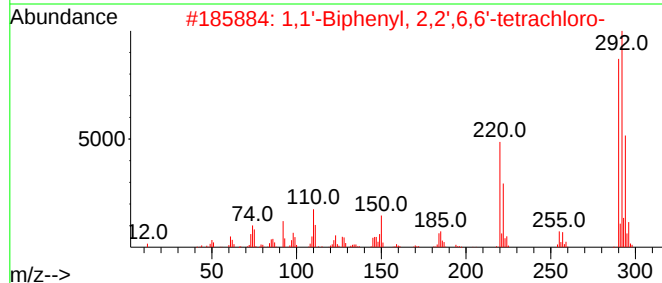
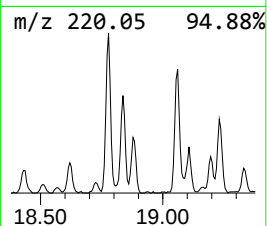
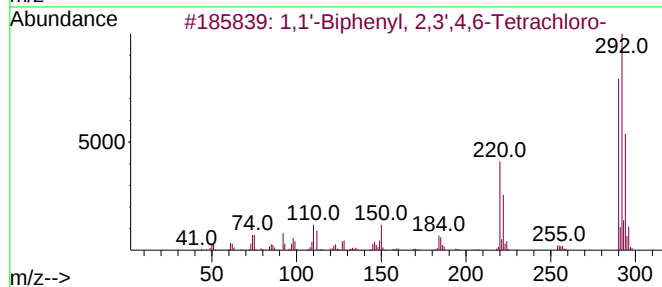
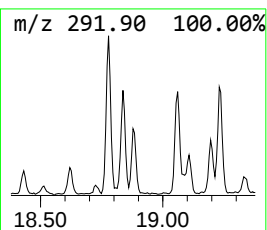
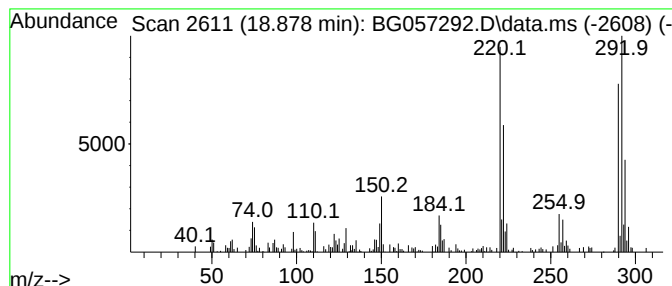
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ClientSampleId :
EW921DL

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 19 1,1'-Biphenyl, 2,3',4,6-Tet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.878	8.76 ng/ul	123191	Phenanthrene-d10	17.738		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99	
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99	
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99	
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99	
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

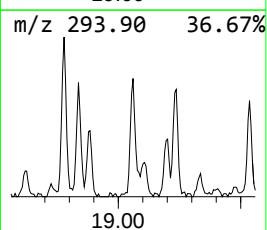
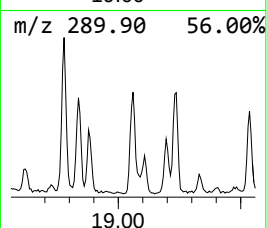
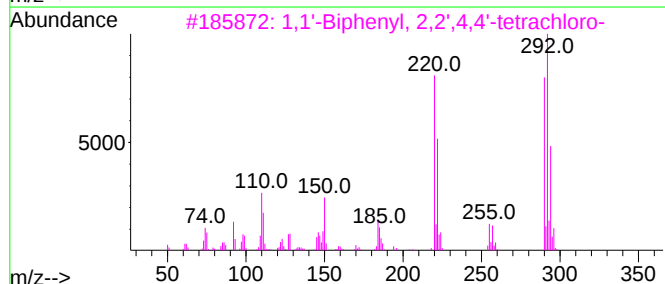
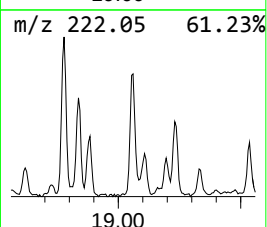
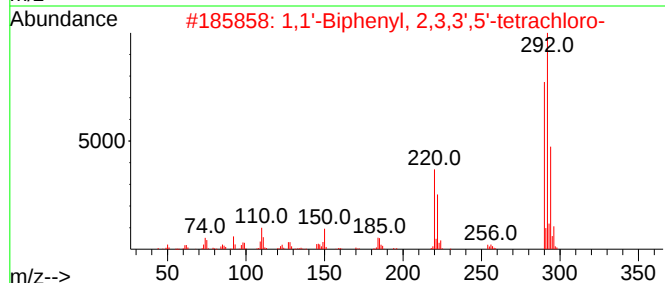
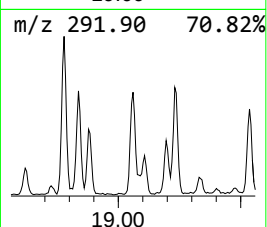
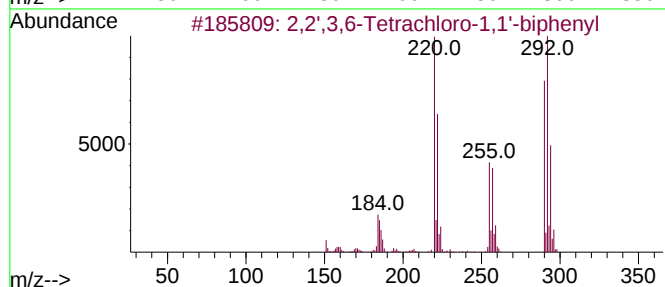
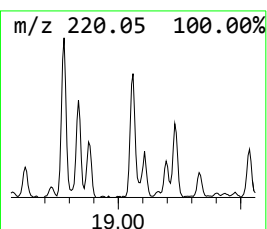
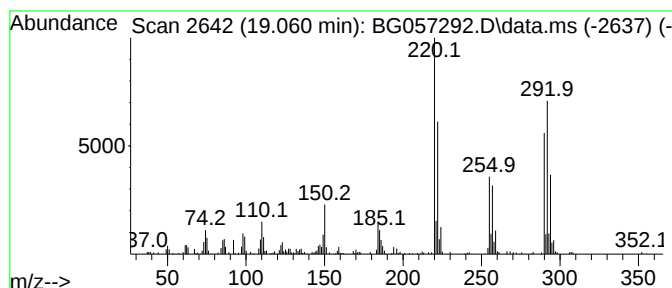
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.060	16.01 ng/ul	225047	Phenanthrene-d10	17.738		
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	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4		041464-49-7	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4		002437-79-8	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4		070362-47-9	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4		032690-93-0	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

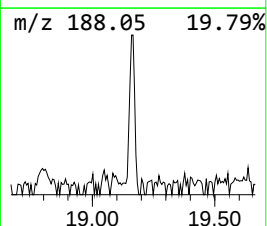
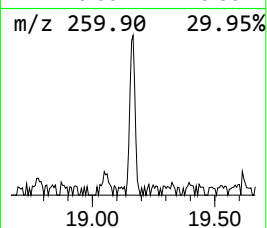
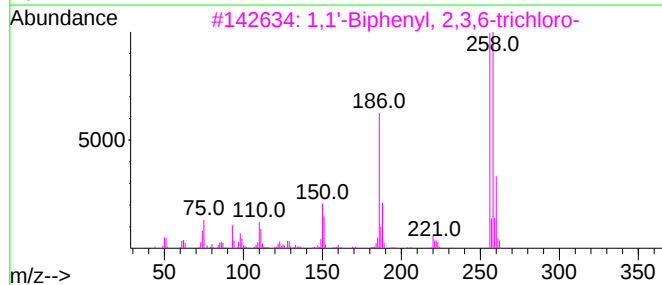
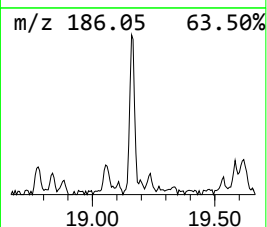
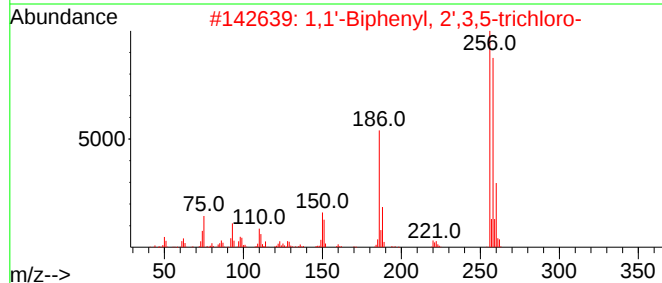
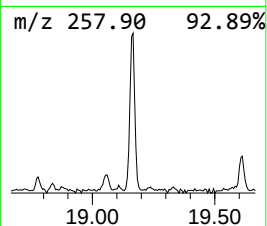
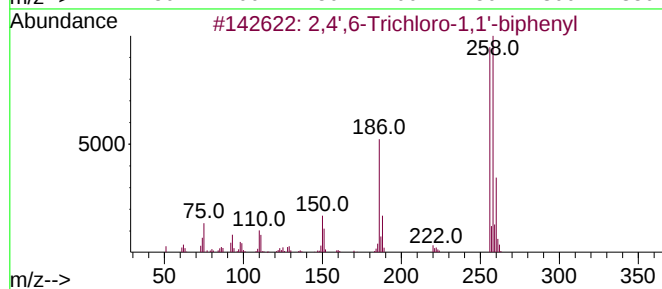
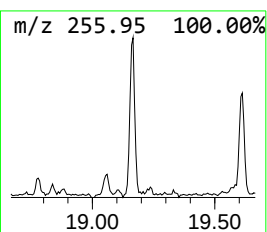
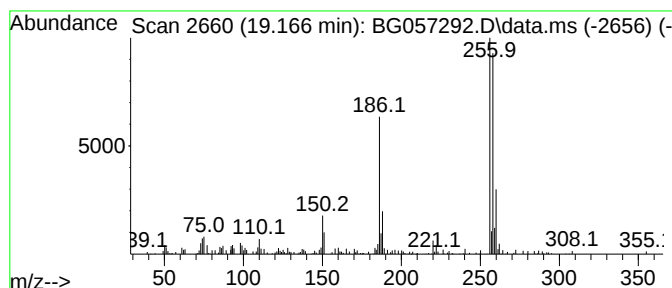
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ClientSampleId :
EW921DL

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 21 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.166	5.98 ng/ul	84078	Phenanthrene-d10	17.738	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	96
2	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	96
3	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	95
4	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	95
5	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW921DL

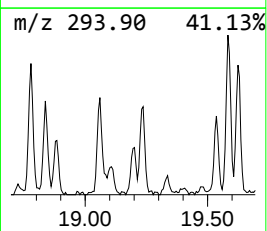
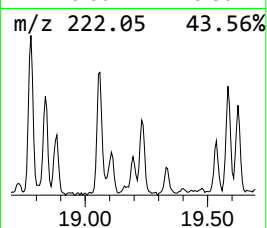
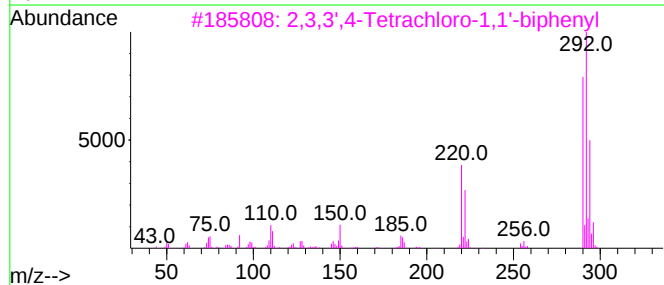
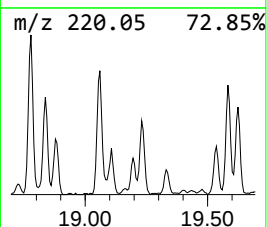
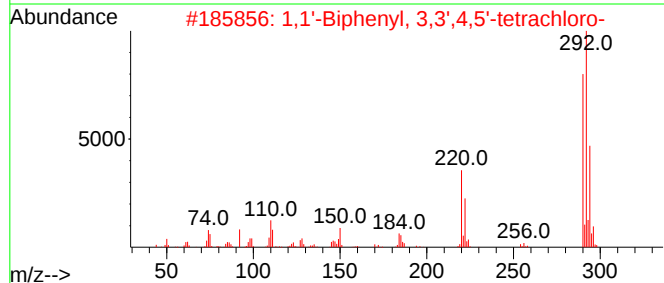
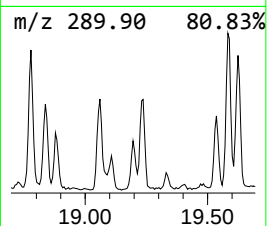
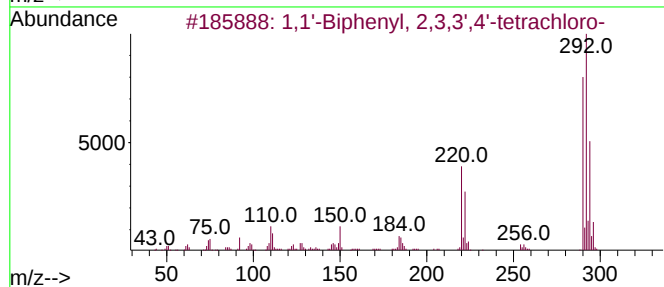
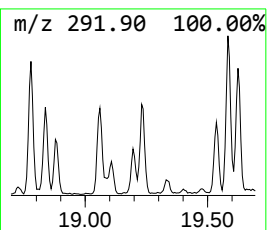
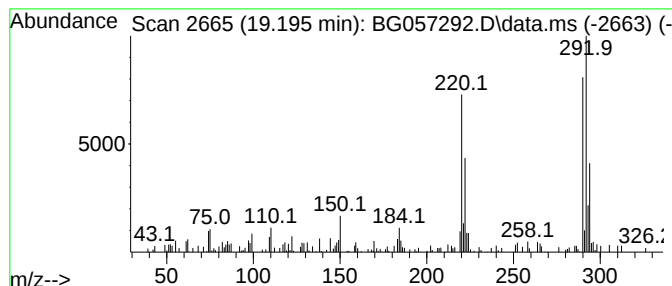
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 1,1'-Biphenyl, 2,3,3',4'-te... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.195	2.79 ng/ul	39153	Phenanthrene-d10	17.738

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	93		
2	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	93		
3	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	93		
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	93		
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	93		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW921DL

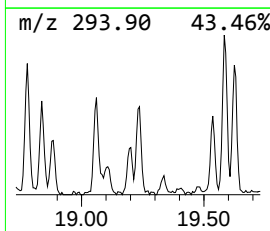
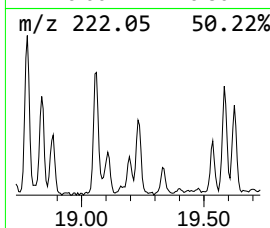
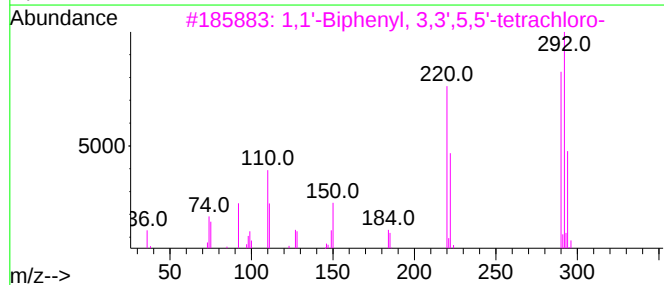
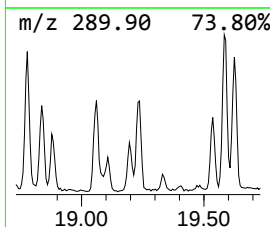
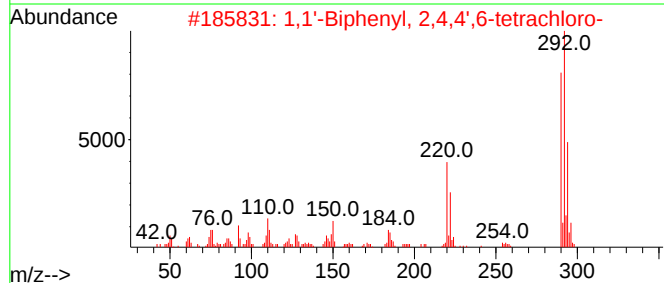
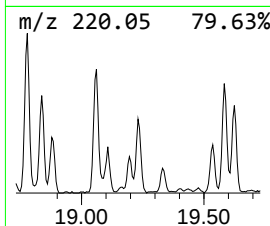
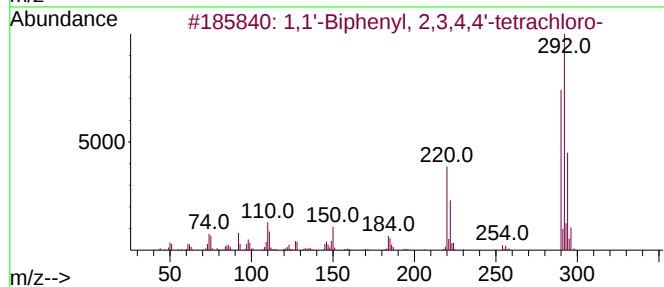
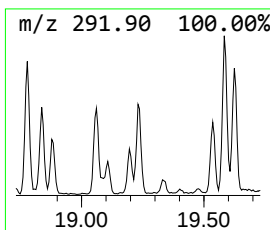
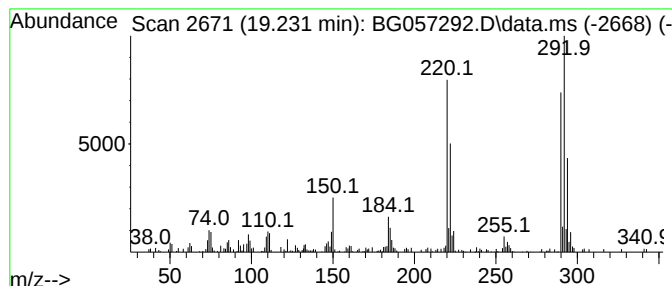
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 1,1'-Biphenyl, 2,3,4,4'-tet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.231	9.28 ng/ul	130403	Phenanthrene-d10	17.738

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	96		
2	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	96		
3	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	96		
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	96		
5	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

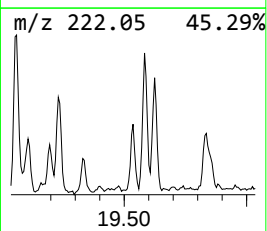
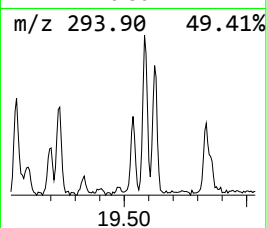
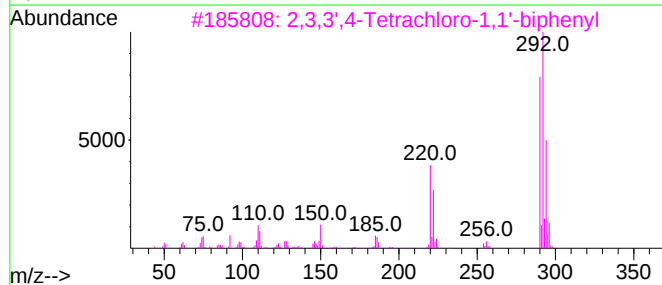
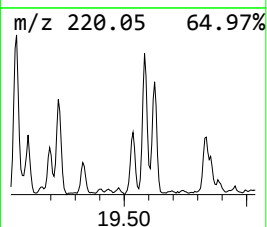
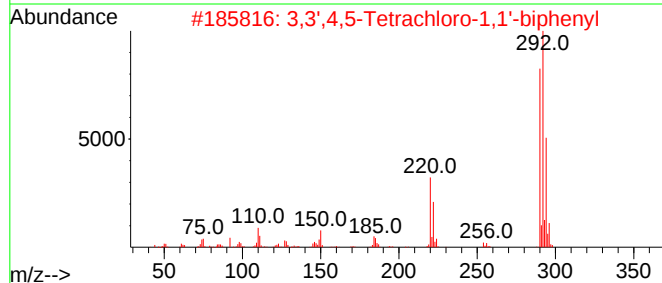
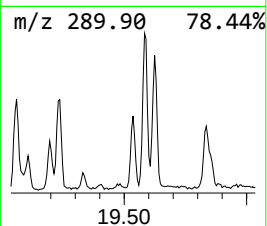
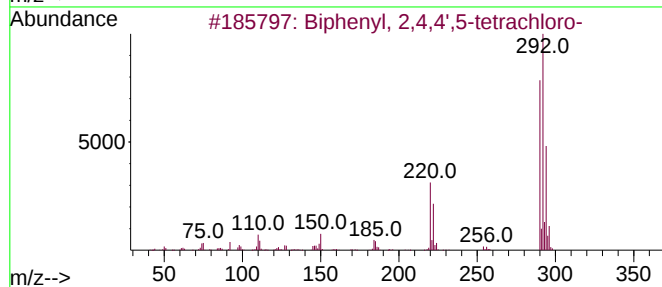
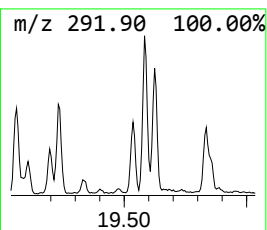
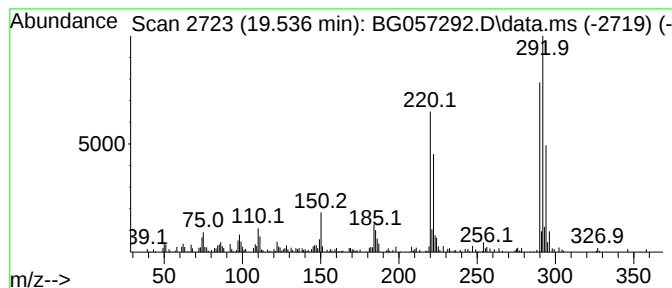
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.536	6.90 ng/ul	96998	Phenanthrene-d10		17.738	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Biphenyl, 2,4,4',5-tetrachloro-		290	C12H6Cl4	032690-93-0	99
2	3,3',4,5-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	070362-49-1	99
3	2,3,3',4-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	074338-24-2	99
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...		290	C12H6Cl4	032598-13-3	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...		290	C12H6Cl4	015968-05-5	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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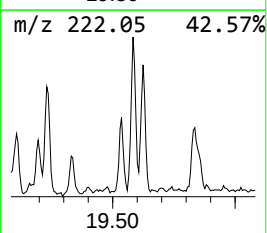
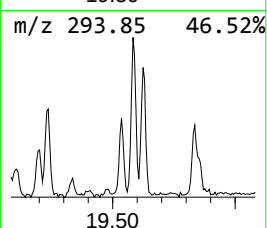
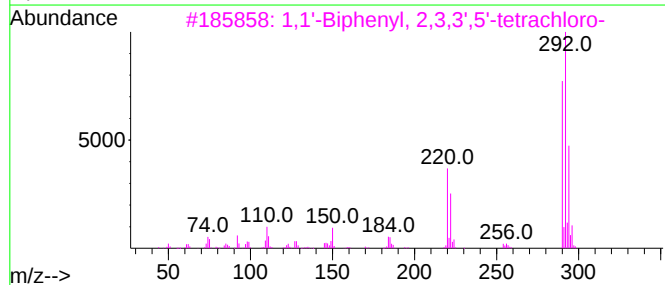
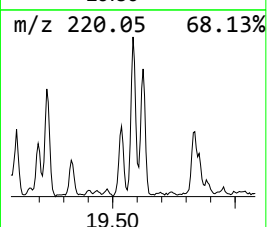
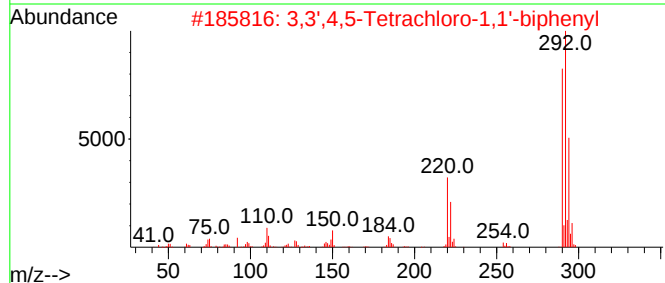
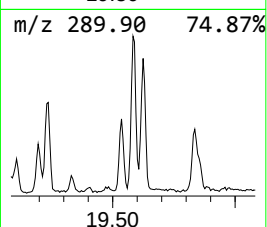
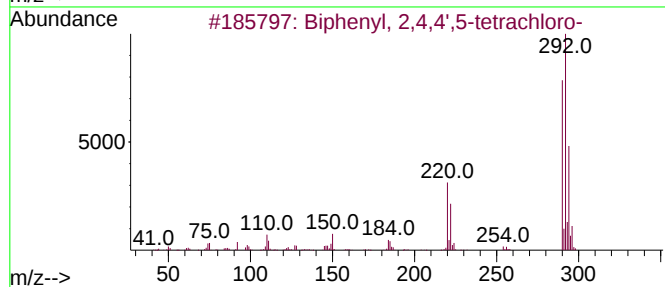
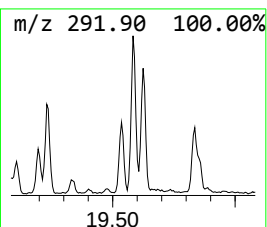
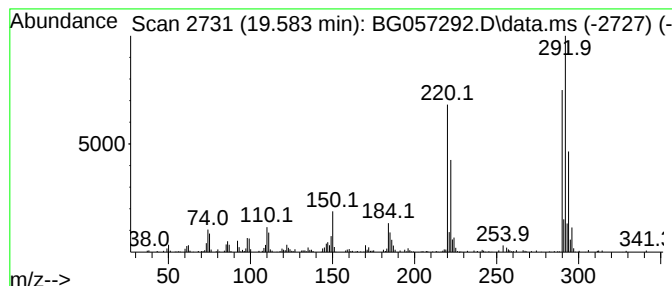
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.583	17.48 ng/ul	245731	Phenanthrene-d10	17.738

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	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		1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
5		2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

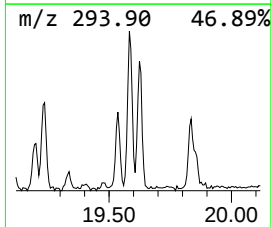
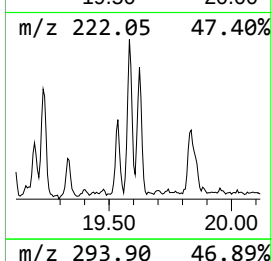
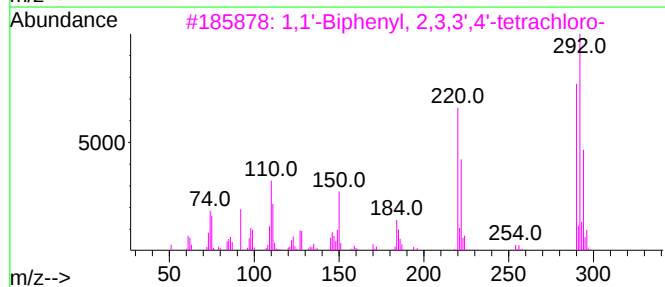
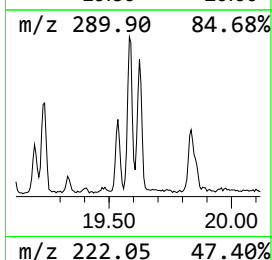
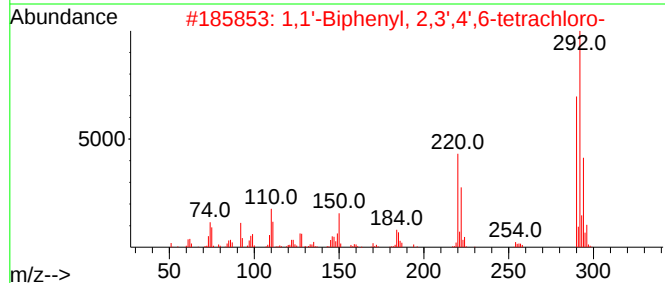
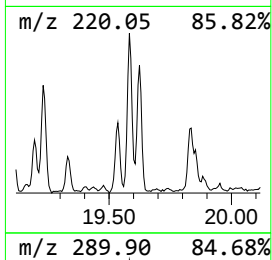
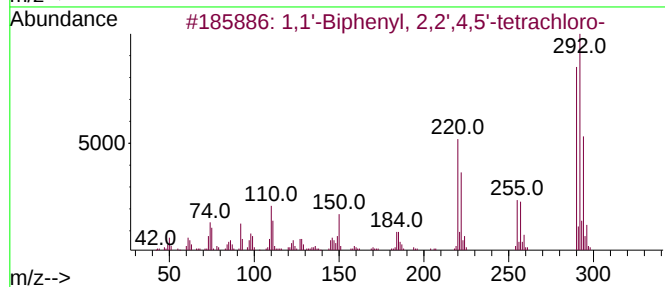
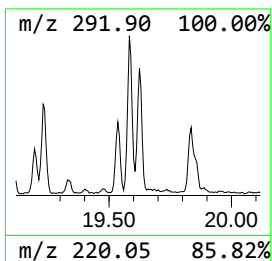
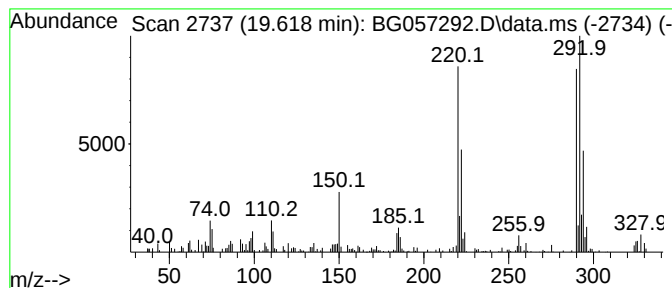
Instrument :
BNA_G
ClientSampleId :
EW921DL

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 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.618	18.85 ng/ul	264916	Phenanthrene-d10		17.738	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	290	C12H6Cl4		041464-40-8	96
2	1,1'-Biphenyl, 2,3',4',6-tetrachloro-	290	C12H6Cl4		041464-46-4	96
3	1,1'-Biphenyl, 2,3,3',4'-tetrachloro-	290	C12H6Cl4		041464-43-1	96
4	1,1'-Biphenyl, 2,3,5,6-tetrachloro-	290	C12H6Cl4		033284-54-7	96
5	1,1'-Biphenyl, 2,3,3',4'-tetrachloro-	290	C12H6Cl4		041464-43-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

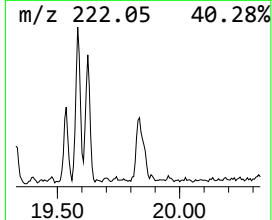
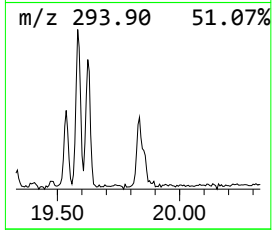
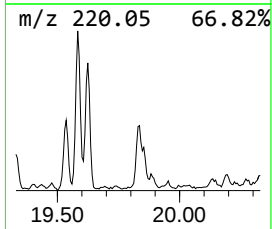
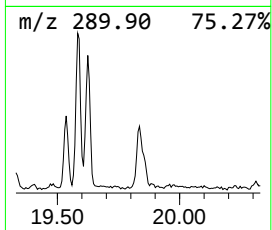
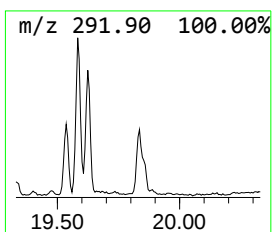
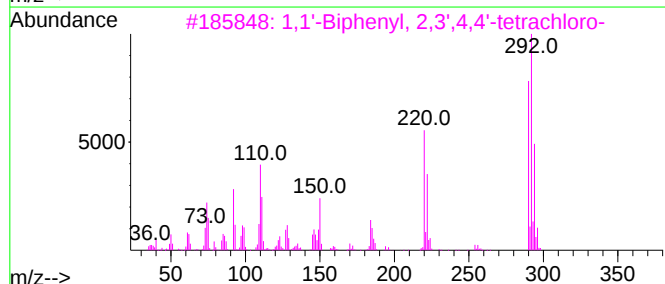
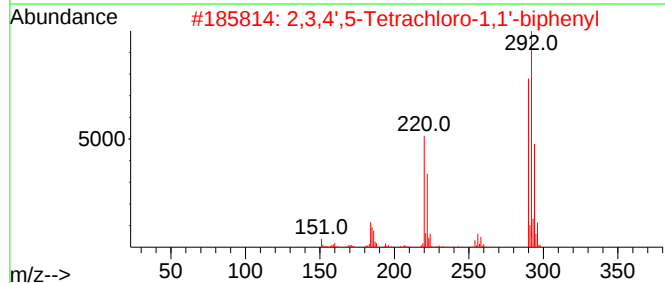
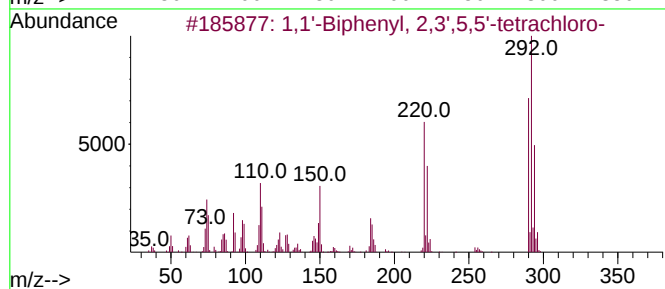
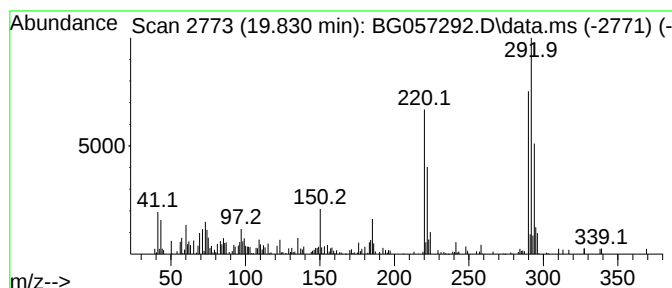
Instrument :
BNA_G
ClientSampleId :
EW921DL

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 28 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.830	9.86 ng/ul	138604	Phenanthrene-d10	17.738	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	94
2	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	94
3	1,1'-Biphenyl, 2,3',4,4'-tetrach...	290	C12H6Cl4	032598-10-0	94
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	94
5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW921DL

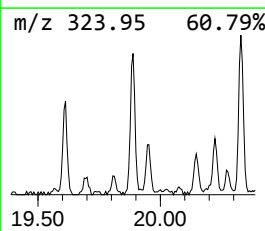
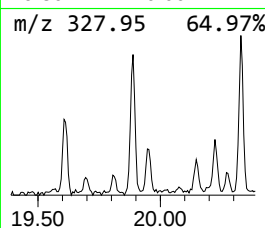
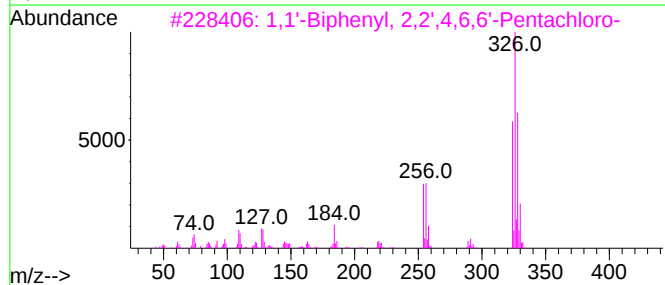
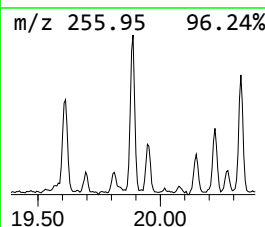
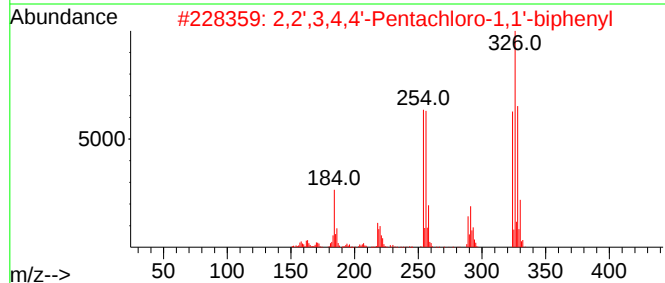
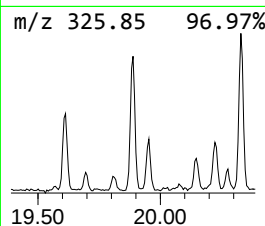
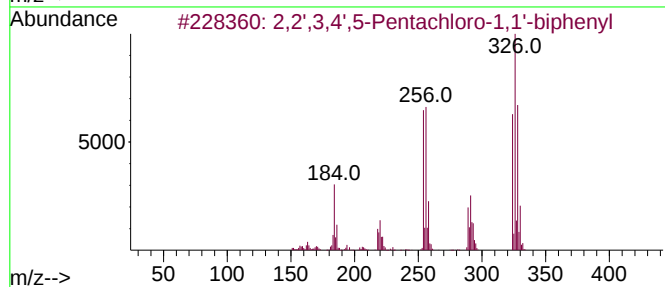
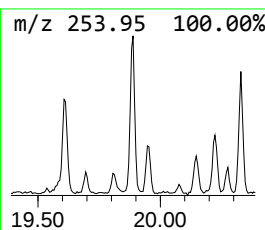
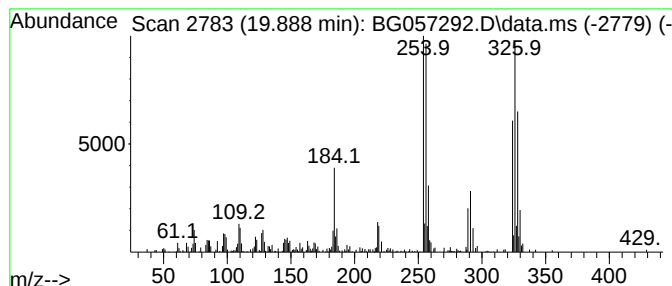
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 2,2',3,4',5-Pentachloro-1,1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.889	14.91 ng/ul	209577	Phenanthrene-d10	17.738

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99		
2	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99		
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99		
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99		
5	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	98		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

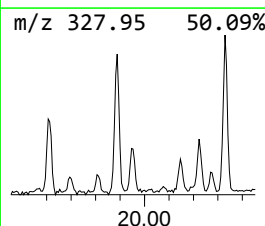
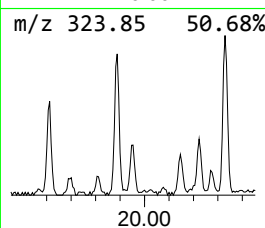
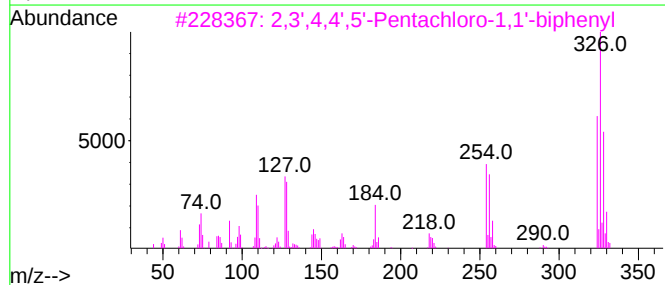
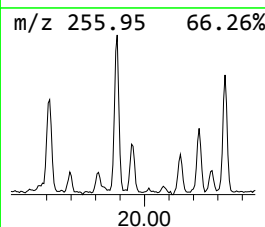
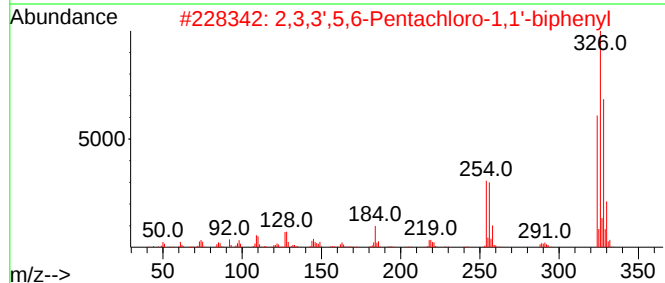
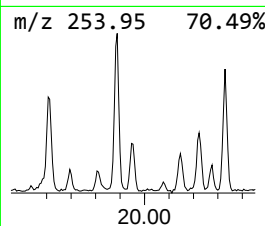
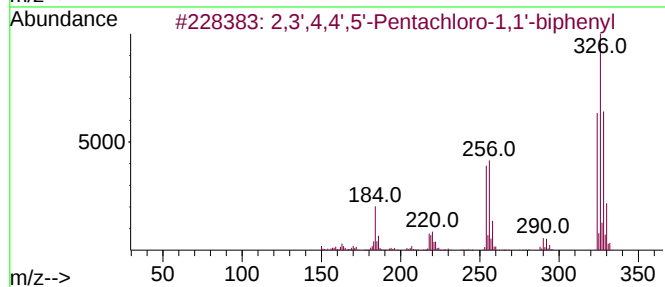
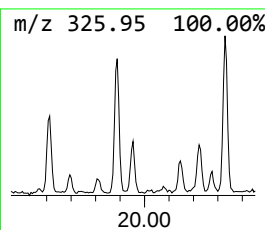
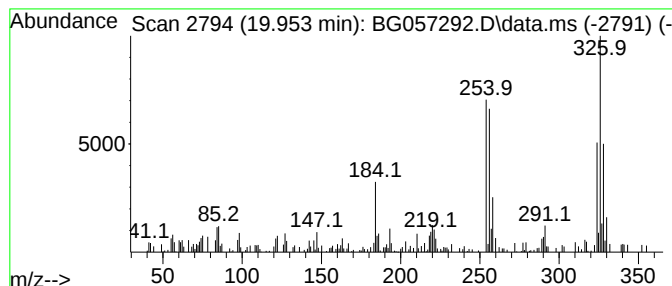
Instrument :
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ClientSampleId :
EW921DL

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',4,4',5'-Pentachloro-1,... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.953	4.69 ng/ul	61079	Chrysene-d12	22.056	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	065510-44-3	96
2	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	96
3	2,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	065510-44-3	95
4	2,3',4',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	074472-39-2	95
5	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

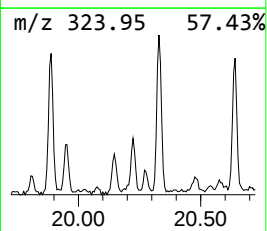
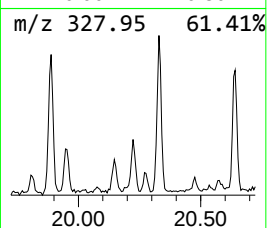
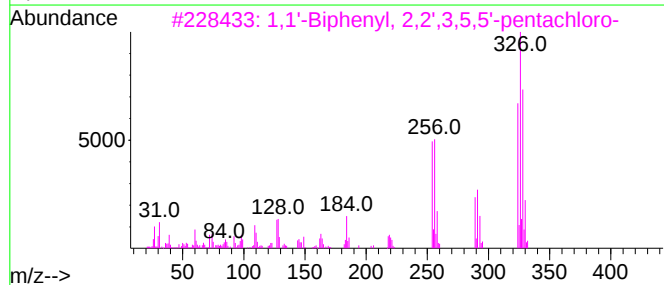
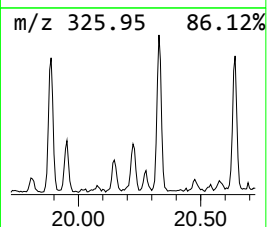
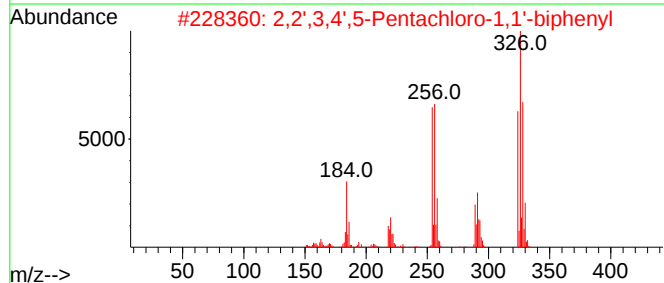
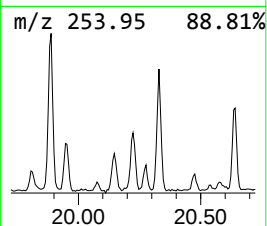
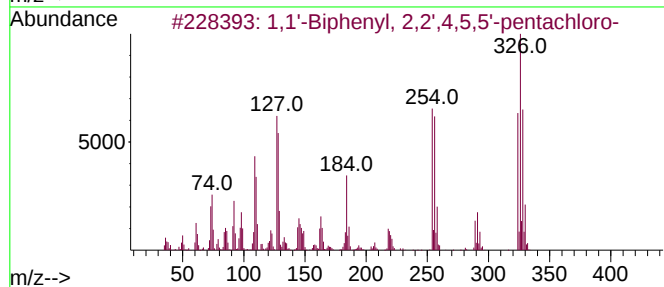
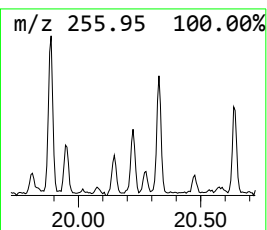
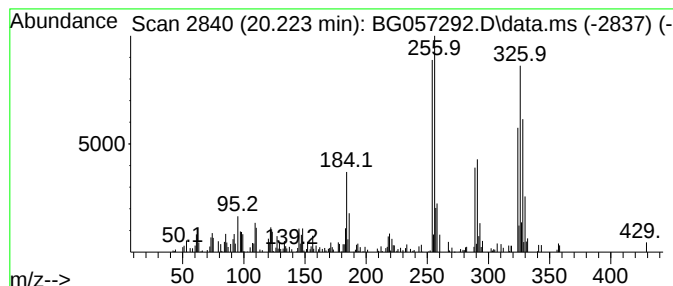
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.223	5.56 ng/ul	72423	Chrysene-d12	22.056	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	93
2	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	93
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	92
4	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	91
5	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW921DL

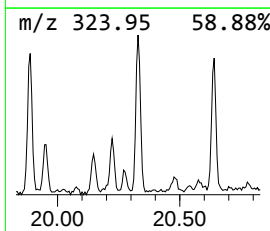
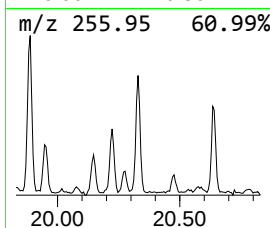
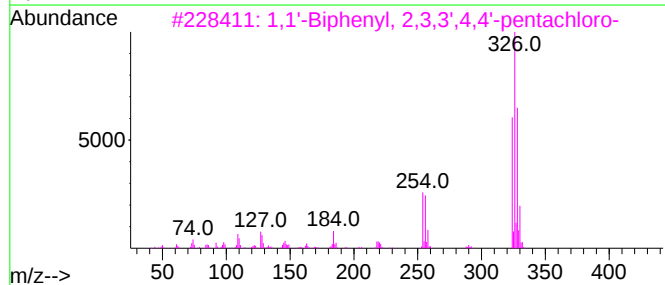
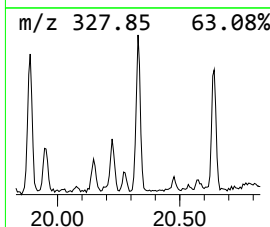
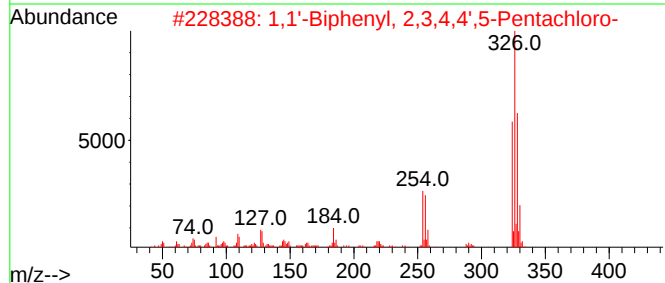
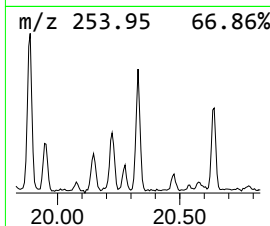
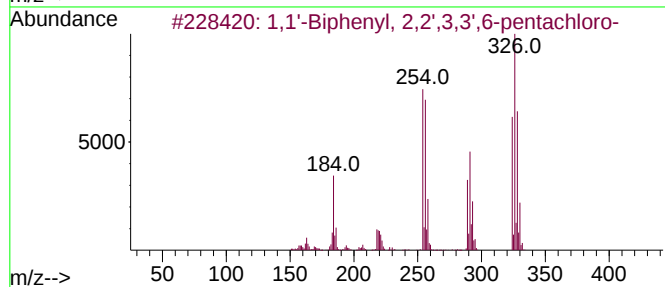
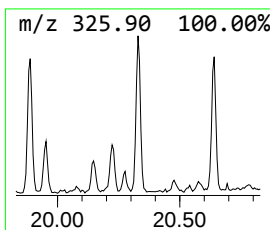
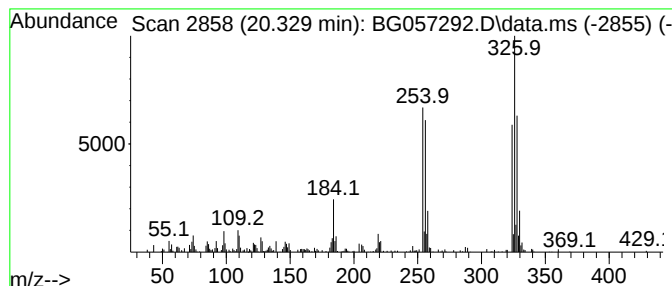
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 1,1'-Biphenyl, 2,2',3,3',6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.329	12.22 ng/ul	159262	Chrysene-d12	22.056

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99		
2	1,1'-Biphenyl, 2,3,4,4',5-Pentac...	324	C12H5Cl5	074472-37-0	98		
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	97		
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96		
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

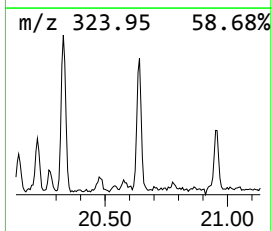
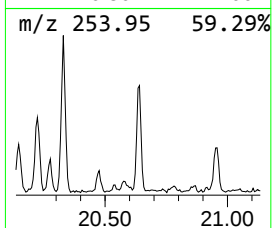
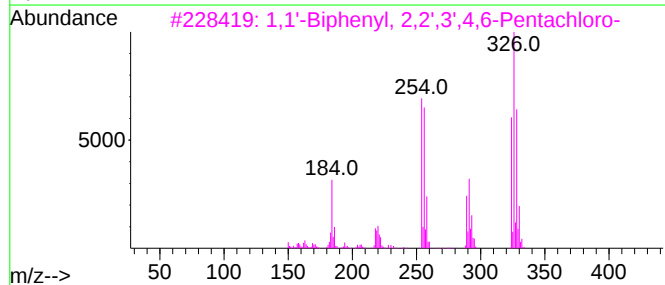
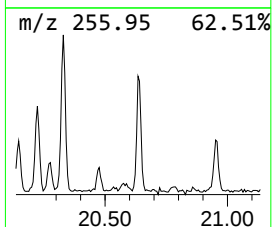
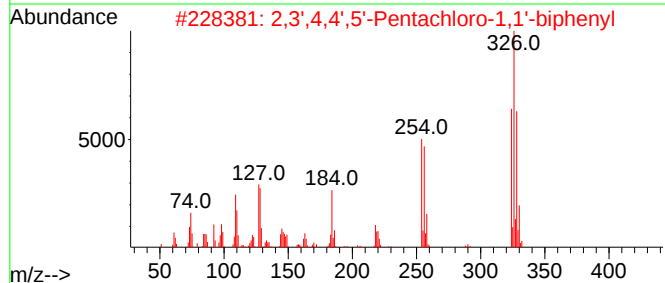
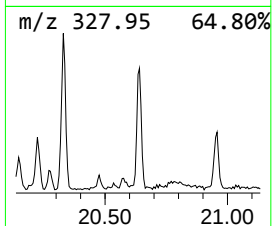
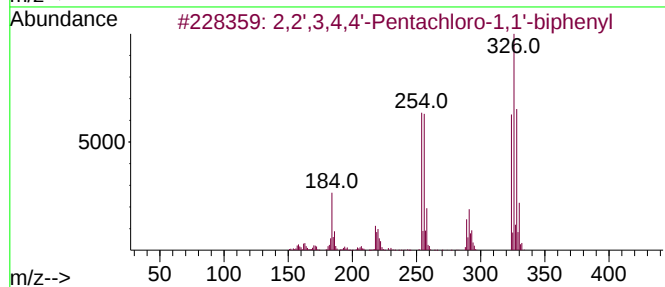
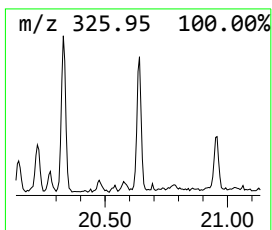
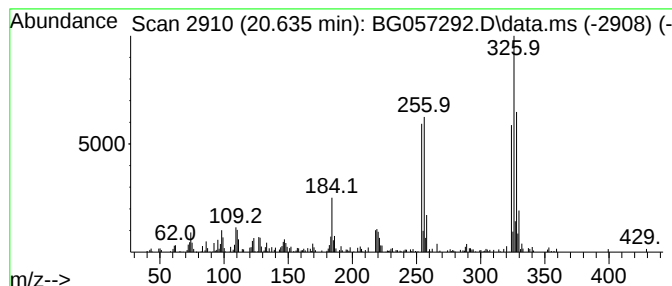
Instrument :
BNA_G
ClientSampleId :
EW921DL

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 33 2,2',3,4,4'-Pentachloro-1,1... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.634	8.93 ng/ul	116434	Chrysene-d12	22.056		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	96	
2	2,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	065510-44-3	96	
3	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	96	
4	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	96	
5	2,3,3',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	068194-10-5	96	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

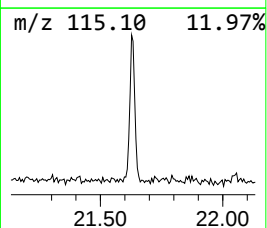
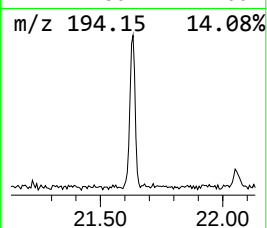
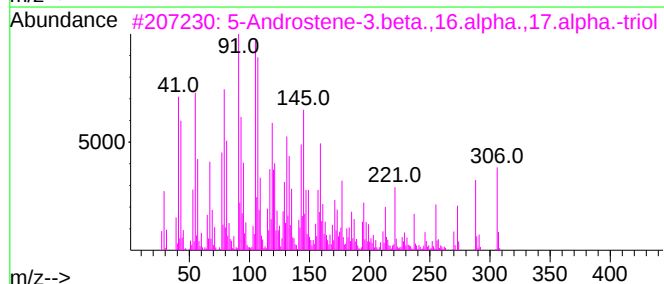
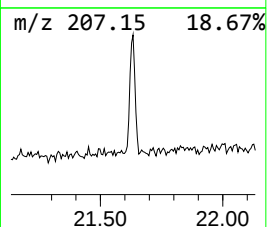
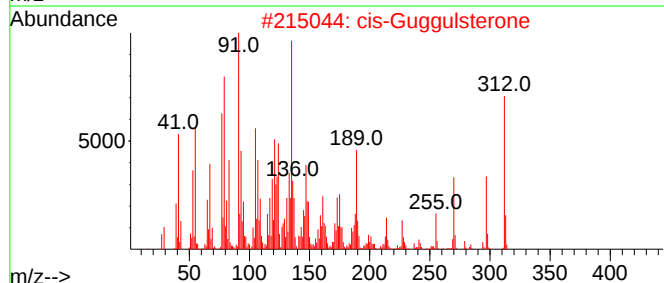
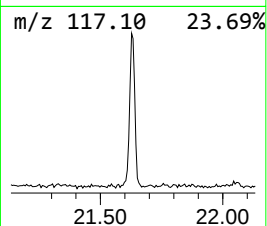
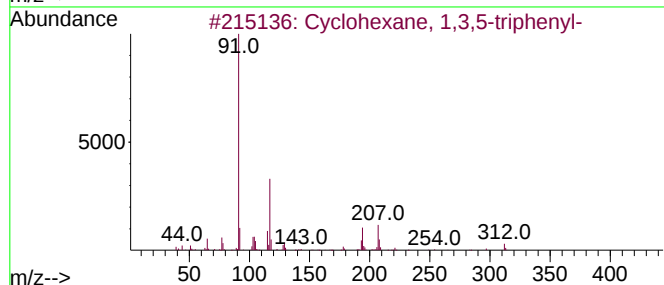
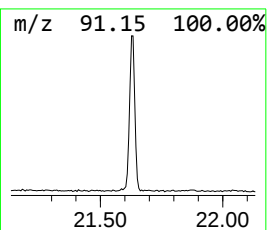
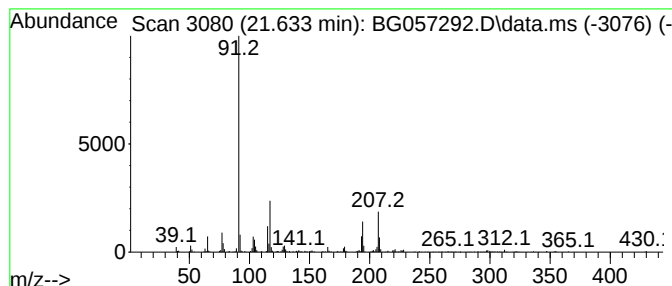
Instrument :
BNA_G
ClientSampleId :
EW921DL

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 34 Cyclohexane, 1,3,5-triphenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.633	23.05 ng/ul	300417	Chrysene-d12	22.056	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-triphenyl-	312	C24H24	028336-57-4	72
2	cis-Guggulsterone	312	C21H28O2	039025-23-5	25
3	5-Androstene-3.beta.,16.alpha.,1...	306	C19H30O3	023409-40-7	22
4	Benzaldehyde, 4-benzyloxy-3-meth...	287	C15H13NO5	002450-27-3	11
5	4-Benzyloxybenzonitrile	209	C14H11NO	052805-36-4	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW921DL

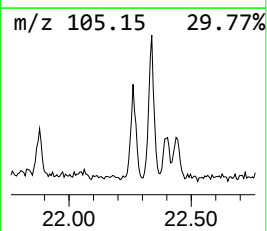
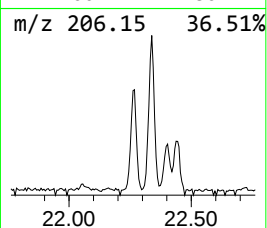
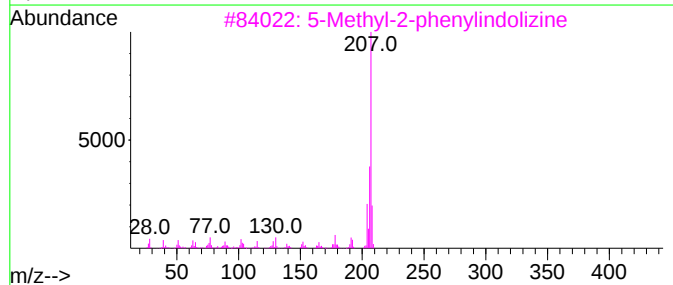
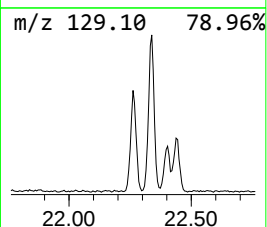
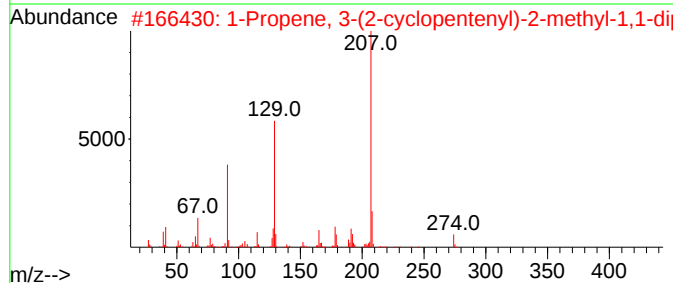
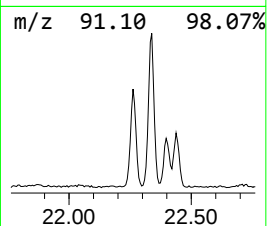
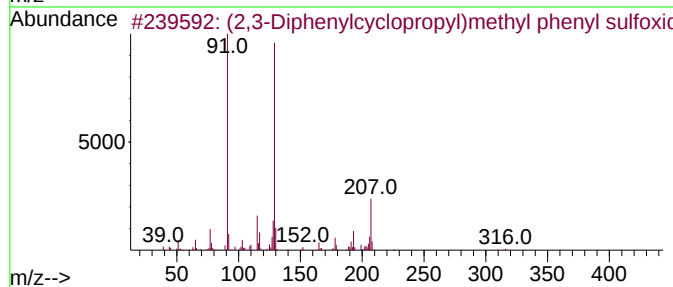
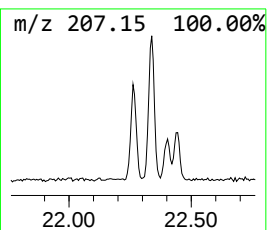
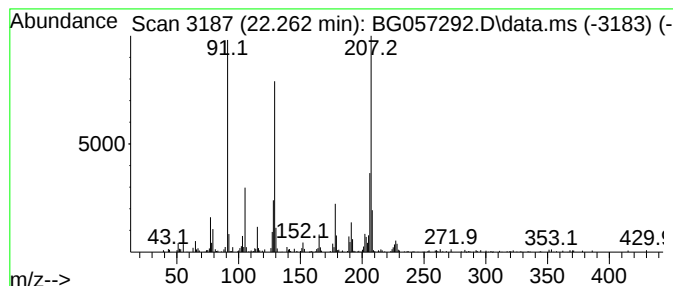
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 (2,3-Diphenylcyclopropyl)me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.262	20.22 ng/ul	263452	Chrysene-d12	22.056

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	78
2			1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1010154-23-3	64
3			5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	50
4			1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	41
5			1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057292.D
Acq On : 3 May 2023 18:39
Operator : CG/JU
Sample : 02419-24DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW921DL

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
Bicyclo[4.2.0]o...	6.324	9.2	ng/ul	43817	1	8.381	95276	20.0
Benzophenone	16.329	3.8	ng/ul	47635	3	14.995	248997	20.0
(DEL) Alkane: S...	16.663	2.4	ng/ul	34361	4	17.738	281100	20.0
1,1'-Biphenyl, ...	16.951	2.8	ng/ul	38844	4	17.738	281100	20.0
Benzene, 1,1'-(...	17.316	6.9	ng/ul	97605	4	17.738	281100	20.0
Naphthalene, 1,...	17.533	9.9	ng/ul	138672	4	17.738	281100	20.0
1,1'-Biphenyl, ...	17.592	5.1	ng/ul	72093	4	17.738	281100	20.0
1,1'-Biphenyl, ...	17.633	2.9	ng/ul	40765	4	17.738	281100	20.0
1,1'-Biphenyl, ...	17.897	12.0	ng/ul	168953	4	17.738	281100	20.0
1,1'-Biphenyl, ...	18.167	3.4	ng/ul	47404	4	17.738	281100	20.0
1,1'-Biphenyl, ...	18.320	49.6	ng/ul	697159	4	17.738	281100	20.0
1,1'-Biphenyl, ...	18.443	9.3	ng/ul	130012	4	17.738	281100	20.0
2,4',6-Trichlor...	18.567	13.3	ng/ul	186908	4	17.738	281100	20.0
1,1'-Biphenyl, ...	18.778	18.9	ng/ul	265543	4	17.738	281100	20.0
1,1'-Biphenyl, ...	18.837	12.7	ng/ul	179109	4	17.738	281100	20.0
1,1'-Biphenyl, ...	18.878	8.8	ng/ul	123191	4	17.738	281100	20.0
2,2',3,6-Tetrac...	19.060	16.0	ng/ul	225047	4	17.738	281100	20.0
1,1'-Biphenyl, ...	19.166	6.0	ng/ul	84078	4	17.738	281100	20.0
1,1'-Biphenyl, ...	19.195	2.8	ng/ul	39153	4	17.738	281100	20.0
1,1'-Biphenyl, ...	19.231	9.3	ng/ul	130403	4	17.738	281100	20.0
Biphenyl, 2,4,4...	19.536	6.9	ng/ul	96998	4	17.738	281100	20.0
3,3',4,5-Tetrac...	19.583	17.5	ng/ul	245731	4	17.738	281100	20.0
1,1'-Biphenyl, ...	19.618	18.9	ng/ul	264916	4	17.738	281100	20.0
1,1'-Biphenyl, ...	19.830	9.9	ng/ul	138604	4	17.738	281100	20.0
2,2',3,4',5-Pen...	19.889	14.9	ng/ul	209577	4	17.738	281100	20.0
2,3',4,4',5'-Pe...	19.953	4.7	ng/ul	61079	5	22.056	260634	20.0
1,1'-Biphenyl, ...	20.223	5.6	ng/ul	72423	5	22.056	260634	20.0
1,1'-Biphenyl, ...	20.329	12.2	ng/ul	159262	5	22.056	260634	20.0
2,2',3,4,4'-Pen...	20.634	8.9	ng/ul	116434	5	22.056	260634	20.0
Cyclohexane, 1,...	21.633	23.1	ng/ul	300417	5	22.056	260634	20.0
(2,3-Diphenylcy...	22.262	20.2	ng/ul	263452	5	22.056	260634	20.0