

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057285.D
 Acq On : 3 May 2023 13:51
 Operator : CG/JU
 Sample : 02419-28
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW925

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: BG057285.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.207	111	114	119	rBV2	3741	5469	0.22%	0.025%
2	4.454	152	156	162	rVB2	1959	3020	0.12%	0.014%
3	5.030	249	254	258	rVB	1771	2501	0.10%	0.011%
4	5.828	385	390	396	rVB2	4676	6386	0.26%	0.029%
5	6.322	468	474	482	rBB3	14023	23671	0.96%	0.107%
6	6.827	556	560	564	rBB2	2081	2911	0.12%	0.013%
7	7.514	671	677	688	rBV	32255	60751	2.46%	0.274%
8	7.679	700	705	712	rVB	22642	34785	1.41%	0.157%
9	7.902	737	743	750	rBB	28113	48365	1.96%	0.218%
10	8.378	818	824	830	rBV	58940	100515	4.07%	0.453%
11	9.077	937	943	949	rBV	32284	52319	2.12%	0.236%
12	9.206	958	965	975	rVB	26895	47619	1.93%	0.215%
13	9.553	1018	1024	1035	rVB	30452	55804	2.26%	0.252%
14	9.911	1081	1085	1090	rBB	2374	2987	0.12%	0.013%
15	10.281	1142	1148	1155	rVB2	26145	45397	1.84%	0.205%
16	10.634	1201	1208	1214	rVB	2912	5749	0.23%	0.026%
17	10.828	1236	1241	1248	rBV	39086	68066	2.76%	0.307%
18	11.139	1289	1294	1297	rVB2	2287	3066	0.12%	0.014%
19	11.215	1297	1307	1312	rBV	81131	142307	5.76%	0.642%
20	11.262	1312	1315	1322	rVB3	4668	7368	0.30%	0.033%
21	11.345	1322	1329	1339	rBV3	9976	19553	0.79%	0.088%
22	11.991	1434	1439	1444	rVB	1405	2489	0.10%	0.011%
23	12.561	1530	1536	1540	rVB4	3729	7067	0.29%	0.032%
24	12.643	1546	1550	1557	rVB2	2096	3158	0.13%	0.014%
25	12.843	1578	1584	1589	rBV	7459	10755	0.44%	0.049%
26	13.054	1614	1620	1627	rVB	3892	7556	0.31%	0.034%
27	13.354	1665	1671	1675	rBV3	1420	2476	0.10%	0.011%
28	13.495	1690	1695	1699	rBV2	4249	6453	0.26%	0.029%
29	13.777	1739	1743	1747	rBV2	9163	13075	0.53%	0.059%
30	13.824	1749	1751	1755	rVB3	2695	3080	0.12%	0.014%
31	14.017	1780	1784	1791	rBV6	2595	4924	0.20%	0.022%
32	14.164	1798	1809	1816	rBV6	4960	12913	0.52%	0.058%
33	14.305	1828	1833	1838	rVV3	8723	14761	0.60%	0.067%
34	14.370	1838	1844	1849	rVV	87576	136010	5.51%	0.614%
35	14.423	1849	1853	1858	rVB5	10225	18844	0.76%	0.085%
36	14.546	1867	1874	1877	rBV7	5419	10516	0.43%	0.047%

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

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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37	14.687	1892	1898	1908	rBV2	98921	165812	6.72%	0.748%
38	14.769	1908	1912	1916	rVV7	3139	6177	0.25%	0.028%
39	14.834	1916	1923	1928	rVB2	13466	23356	0.95%	0.105%
40	14.987	1938	1949	1957	rBV	139248	223079	9.04%	1.006%
41	15.051	1957	1960	1965	rBV6	6151	8511	0.34%	0.038%
42	15.098	1966	1968	1976	rVB8	4919	7270	0.29%	0.033%
43	15.181	1976	1982	1990	rBV2	24772	53910	2.18%	0.243%
44	15.257	1990	1995	1997	rBV5	5198	8438	0.34%	0.038%
45	15.322	2003	2006	2009	rBV4	6062	8412	0.34%	0.038%
46	15.374	2010	2015	2021	rVB4	12876	26155	1.06%	0.118%
47	15.445	2024	2027	2031	rBV6	11332	14471	0.59%	0.065%
48	15.592	2048	2052	2054	rBV5	8746	10349	0.42%	0.047%
49	15.639	2058	2060	2066	rVB7	5794	10155	0.41%	0.046%
50	15.780	2074	2084	2091	rBV5	31721	69357	2.81%	0.313%
51	15.974	2112	2117	2122	rBV	128283	189780	7.69%	0.856%
52	16.091	2134	2137	2143	rVB3	21000	29371	1.19%	0.133%
53	16.185	2148	2153	2156	rVV	23210	38844	1.57%	0.175%
54	16.226	2156	2160	2166	rVB	43426	63842	2.59%	0.288%
55	16.326	2172	2177	2181	rVB	59574	83116	3.37%	0.375%
56	16.408	2189	2191	2197	rVB5	13185	17663	0.72%	0.080%
57	16.643	2226	2231	2232	rBV2	44195	60072	2.43%	0.271%
58	16.661	2232	2234	2243	rVB3	61247	87550	3.55%	0.395%
59	16.825	2258	2262	2267	rBV	26217	37119	1.50%	0.167%
60	16.943	2278	2282	2287	rBV	79820	116642	4.72%	0.526%
61	17.248	2330	2334	2339	rVB2	50836	71820	2.91%	0.324%
62	17.430	2362	2365	2370	rBV3	35588	53809	2.18%	0.243%
63	17.483	2370	2374	2378	rVB	59359	81426	3.30%	0.367%
64	17.589	2388	2392	2396	rBV2	159431	217166	8.80%	0.980%
65	17.630	2396	2399	2403	rVB	81763	105286	4.26%	0.475%
66	17.701	2406	2411	2414	rBV	200932	319641	12.95%	1.442%
67	17.730	2414	2416	2420	rVV	173680	245146	9.93%	1.106%
68	17.771	2420	2423	2428	rVV	102172	139759	5.66%	0.631%
69	17.830	2428	2433	2438	rVV2	120870	188952	7.65%	0.852%
70	17.895	2439	2444	2454	rVB	303610	479390	19.42%	2.163%
71	18.165	2486	2490	2493	rBV2	133788	181809	7.36%	0.820%
72	18.323	2508	2517	2530	rVB	1130000	2468858	100.00%	11.139%
73	18.441	2531	2537	2543	rBV3	192216	388532	15.74%	1.753%
74	18.564	2554	2558	2563	rBV	311362	461161	18.68%	2.081%
75	18.617	2564	2567	2570	rVV	107467	136462	5.53%	0.616%
76	18.776	2589	2594	2599	rBV	746771	1018374	41.25%	4.594%

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77	18.834	2600	2604	2608	rVV	464879	649229	26.30%	2.929%
78	18.881	2608	2612	2617	rVB	252531	328171	13.29%	1.481%
79	19.058	2637	2642	2647	rBV	609360	875939	35.48%	3.952%
80	19.105	2647	2650	2654	rVV	192427	251375	10.18%	1.134%
81	19.158	2655	2659	2663	rVV	280429	402595	16.31%	1.816%
82	19.193	2663	2665	2668	rVV	173132	208995	8.47%	0.943%
83	19.234	2668	2672	2677	rVB	381327	505606	20.48%	2.281%
84	19.533	2719	2723	2727	rBV	269861	356910	14.46%	1.610%
85	19.586	2727	2732	2734	rVV	593216	844459	34.20%	3.810%
86	19.622	2734	2738	2746	rVB2	636636	1106426	44.82%	4.992%
87	19.768	2759	2763	2767	rBV	295441	385076	15.60%	1.737%
88	19.833	2767	2774	2779	rVV2	273085	598323	24.23%	2.699%
89	19.886	2779	2783	2790	rVV	653882	858245	34.76%	3.872%
90	19.951	2790	2794	2799	rVV	203907	266839	10.81%	1.204%
91	20.133	2816	2825	2831	rVB3	385947	1004883	40.70%	4.534%
92	20.221	2836	2840	2845	rVB2	261539	342341	13.87%	1.545%
93	20.326	2854	2858	2863	rVB	514641	696967	28.23%	3.144%
94	20.585	2898	2902	2907	rBV6	226434	350787	14.21%	1.583%
95	20.638	2907	2911	2919	rVB	482189	620205	25.12%	2.798%
96	20.861	2946	2949	2954	rVB2	231617	283089	11.47%	1.277%
97	20.949	2962	2964	2967	rBV	135695	150418	6.09%	0.679%
98	21.202	3004	3007	3016	rVB	245317	371099	15.03%	1.674%
99	21.877	3117	3122	3130	rBV	842436	1271872	51.52%	5.738%
100	22.036	3145	3149	3157	rBV4	195281	525506	21.29%	2.371%

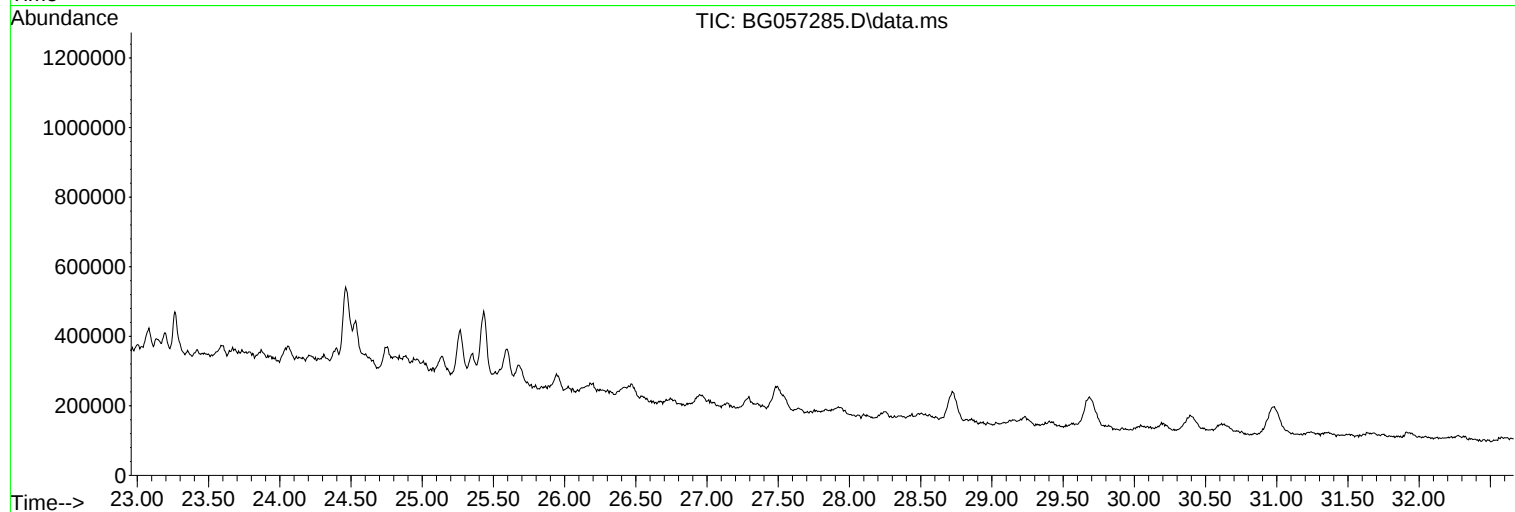
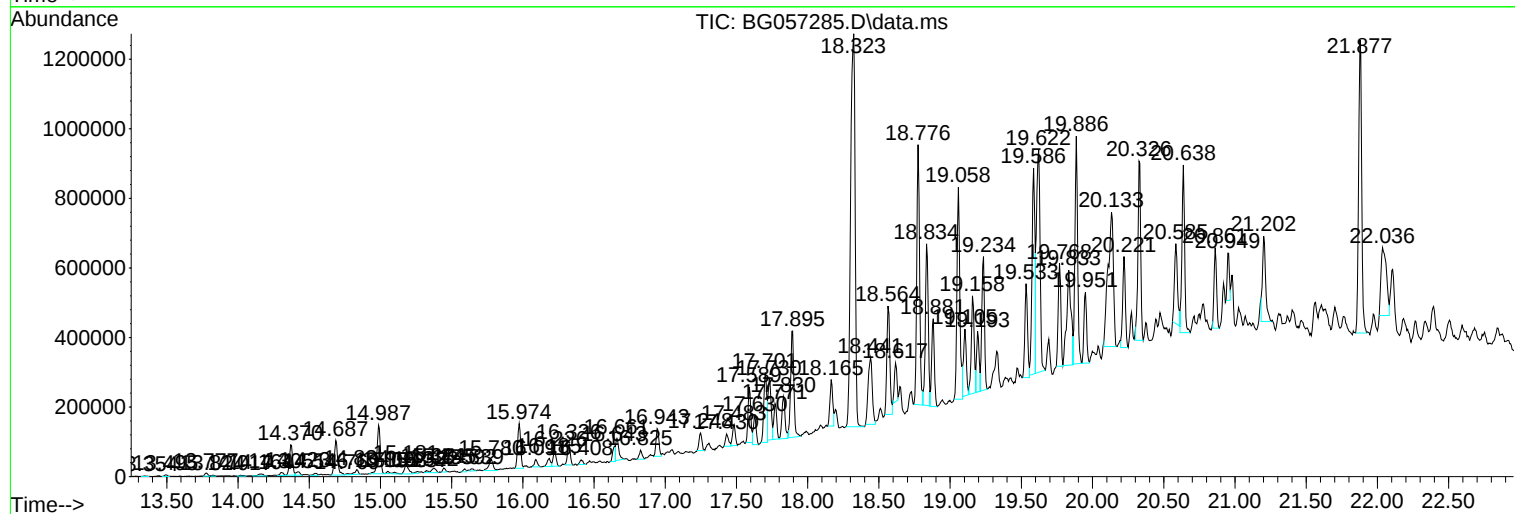
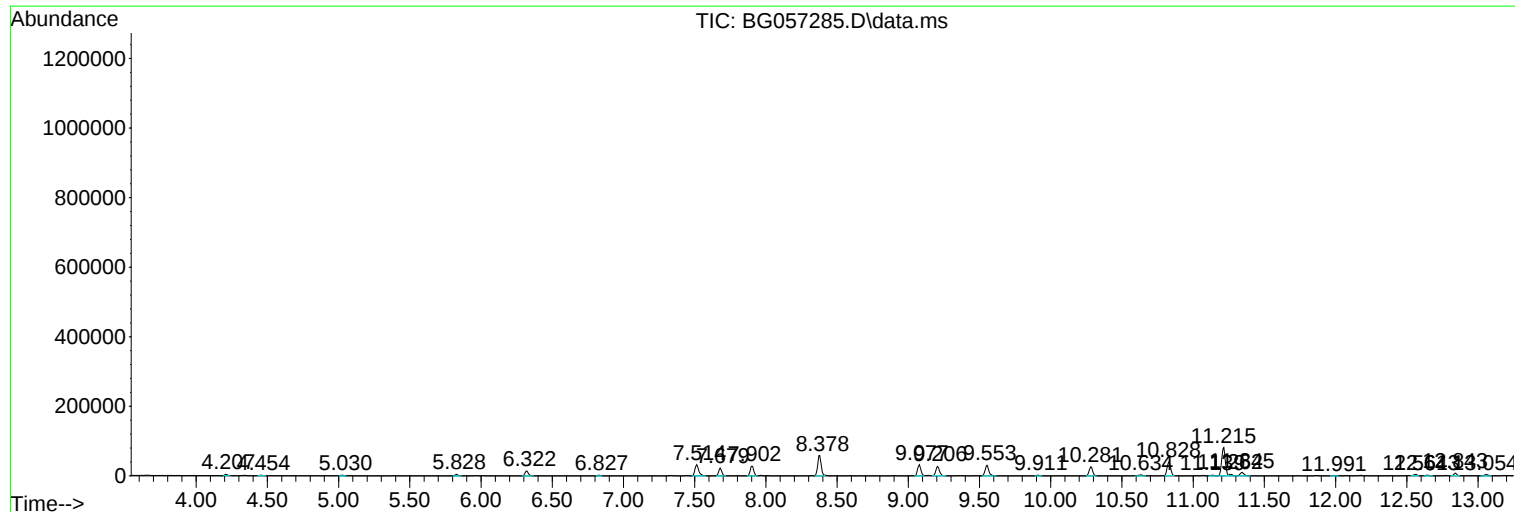
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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



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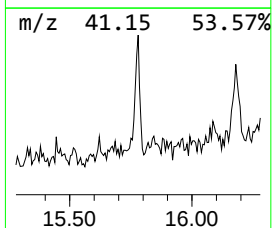
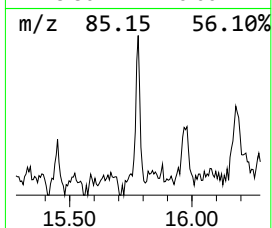
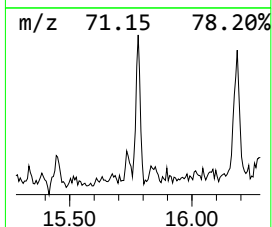
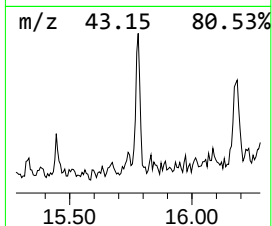
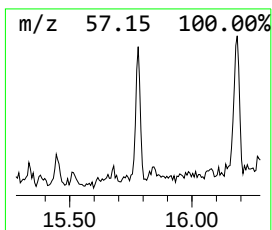
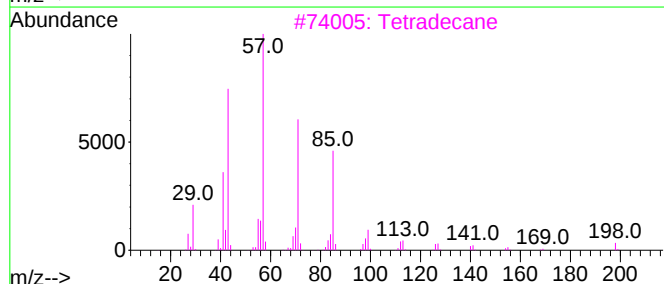
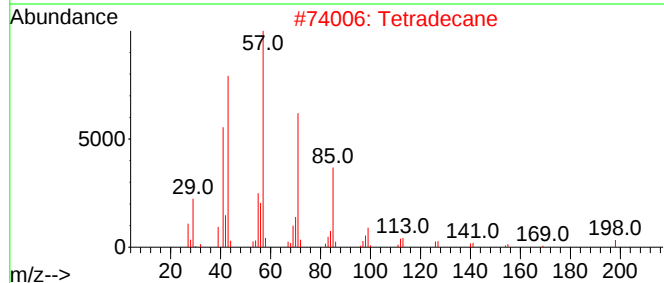
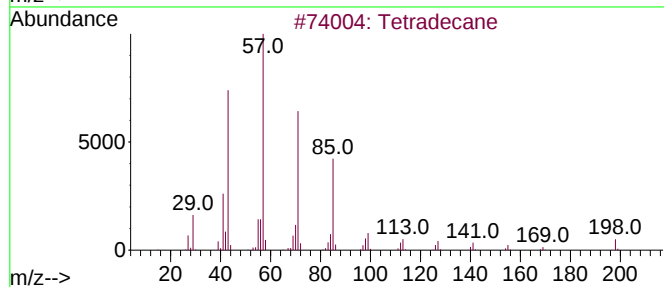
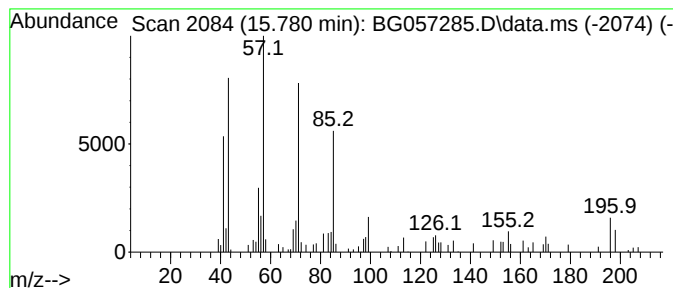
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.780	6.22 ng/ul	69357	Acenaphthene-d10	14.987

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Tetradecane	198	C14H30	000629-59-4	94
3		Tetradecane	198	C14H30	000629-59-4	93
4		10-Methylnonadecane	282	C20H42	056862-62-5	80
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	74



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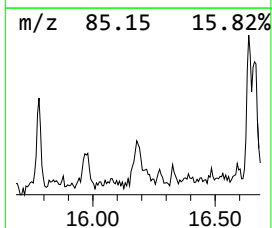
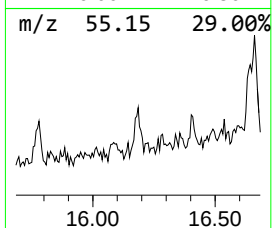
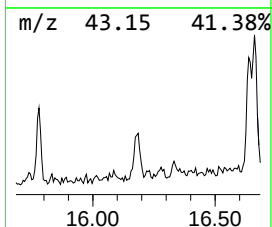
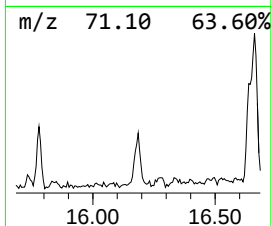
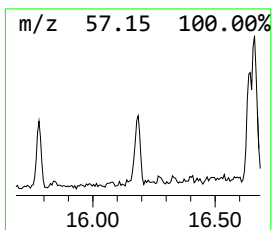
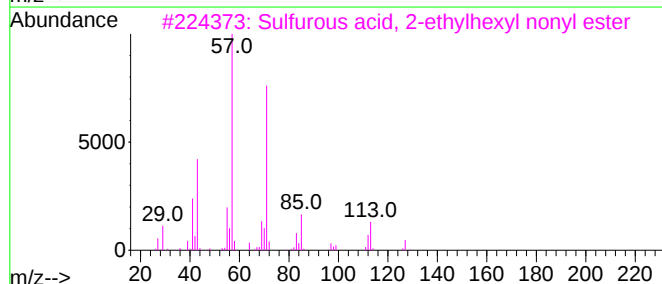
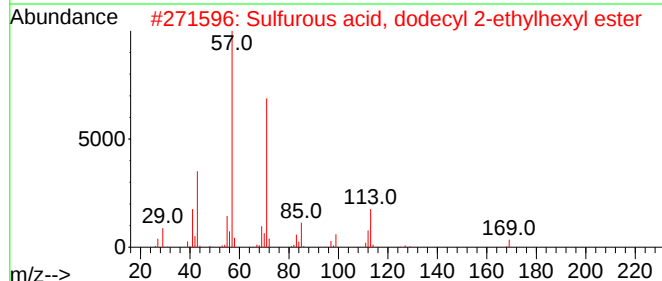
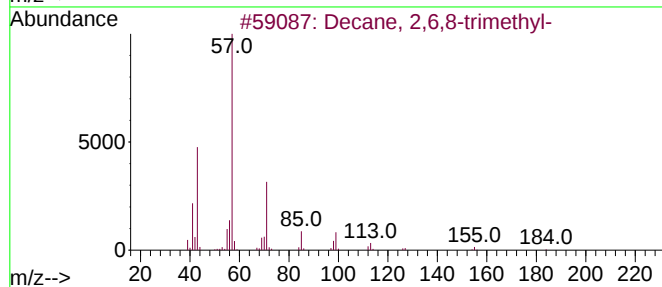
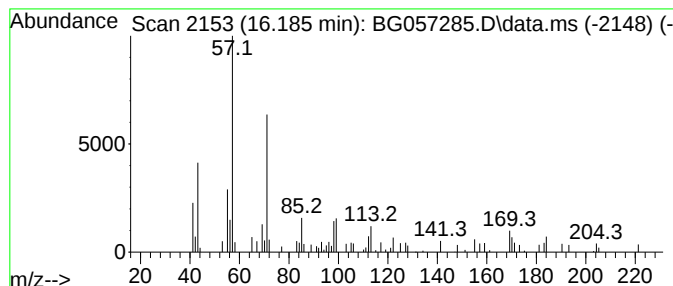
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.185	3.48 ng/ul	38844	Acenaphthene-d10	14.987

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
2			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	58
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	58
4			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	52
5			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	52



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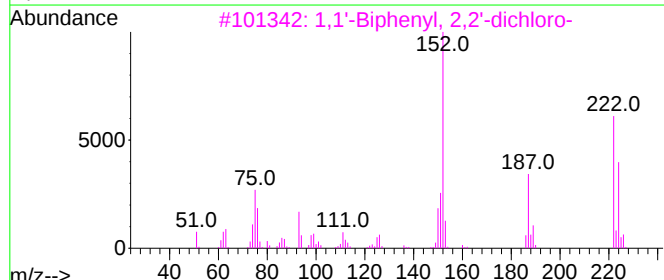
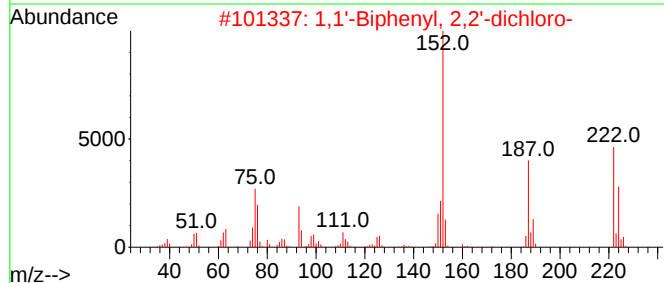
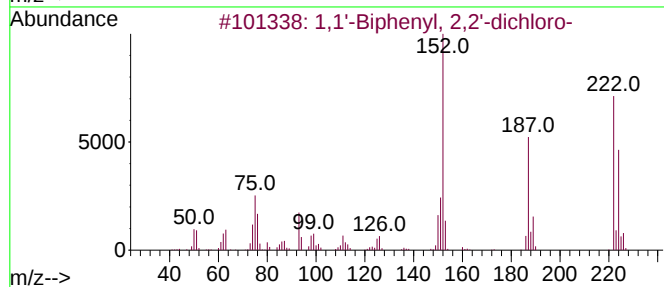
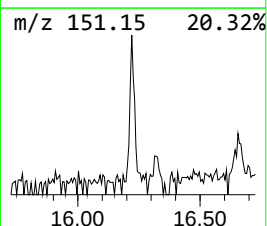
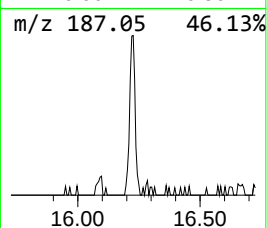
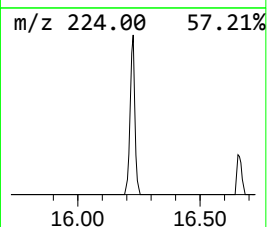
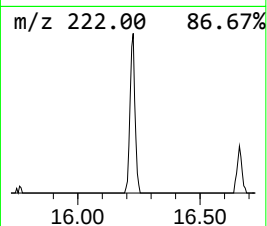
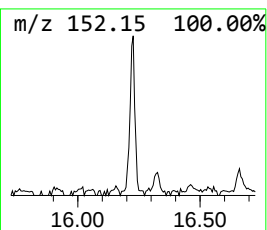
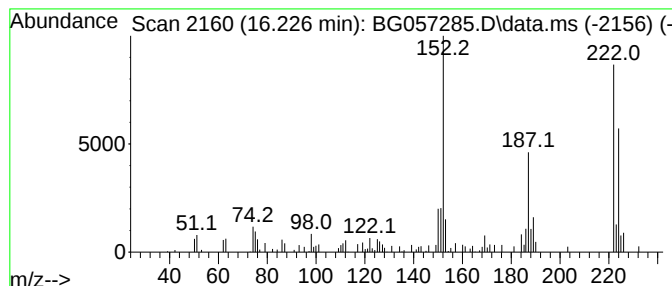
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.226	5.72 ng/ul	63842	Acenaphthene-d10	14.987

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97		
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97		
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97		
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	95		
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	94		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW925

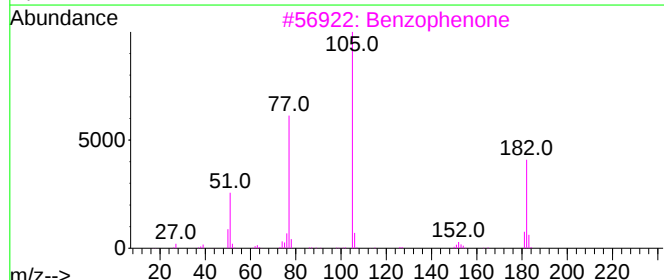
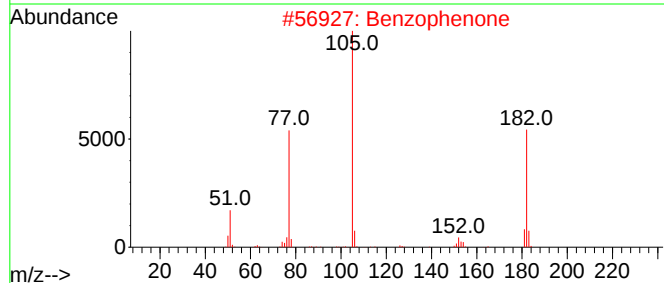
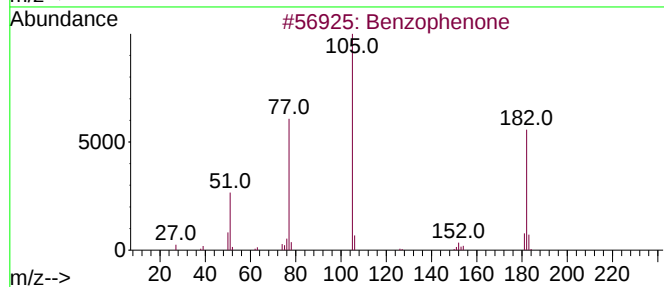
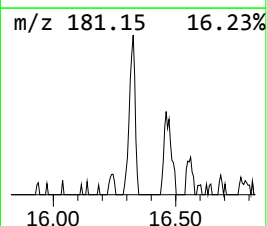
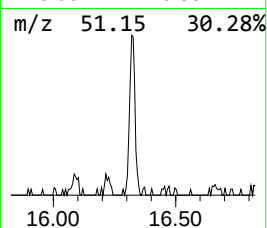
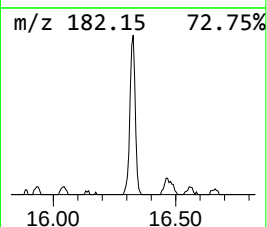
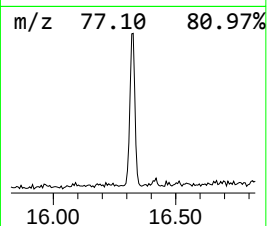
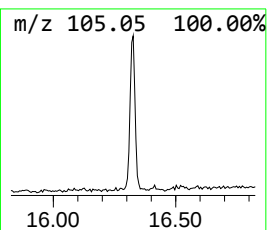
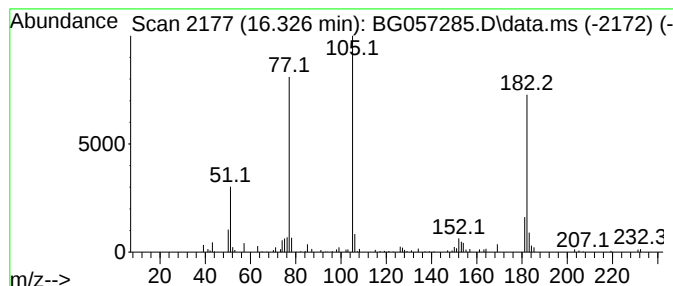
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzophenone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.326	7.45 ng/ul	83116	Acenaphthene-d10	14.987

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	90
4			Benzophenone	182	C13H10O	000119-61-9	89
5			Benzophenone	182	C13H10O	000119-61-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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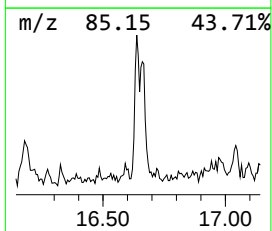
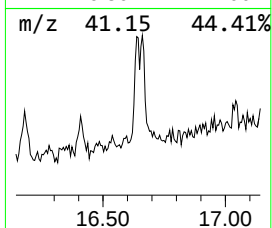
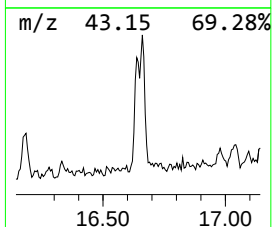
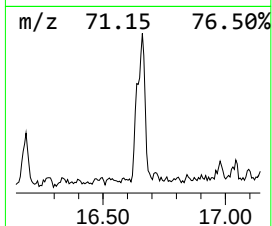
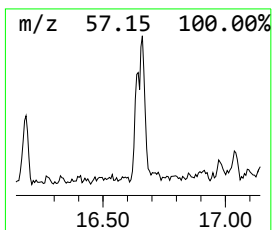
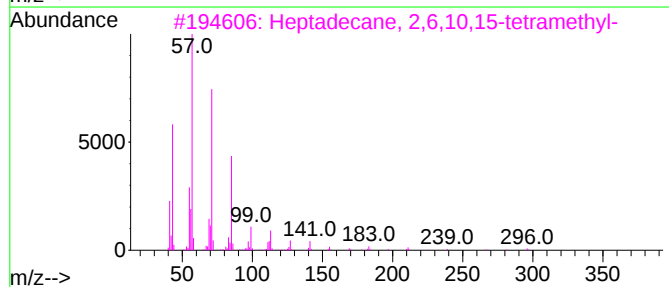
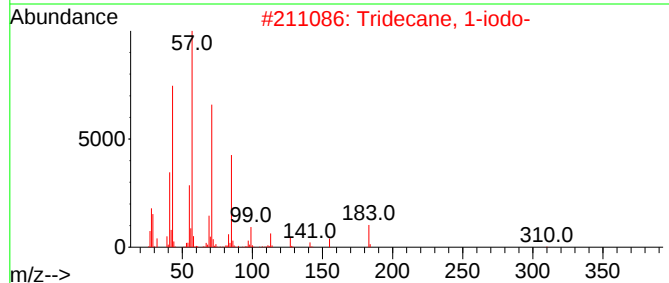
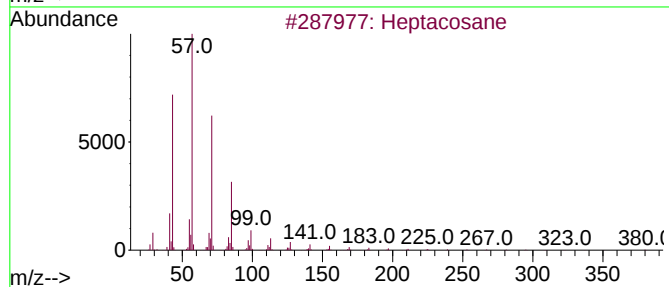
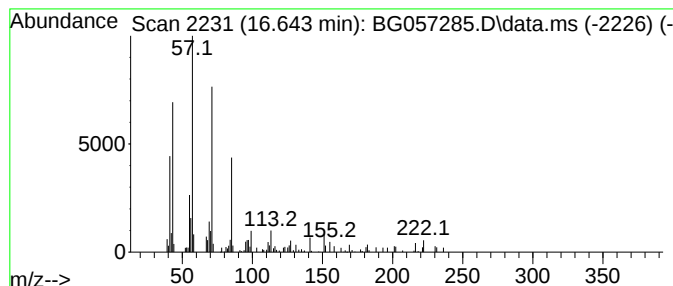
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.643	4.90 ng/ul	60072	Phenanthrene-d10	17.730

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	87
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4			Tetratetracontane	619	C44H90	007098-22-8	86
5			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
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Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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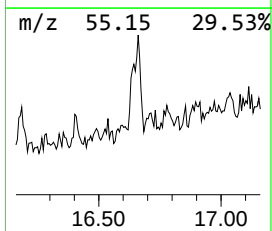
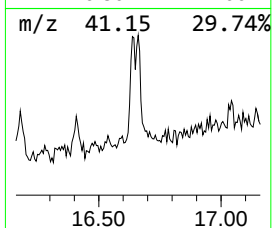
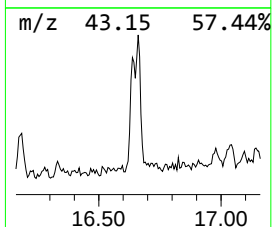
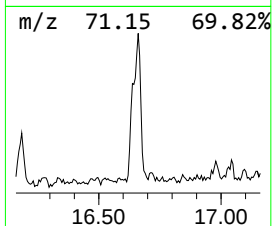
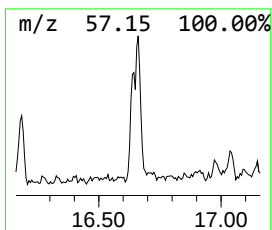
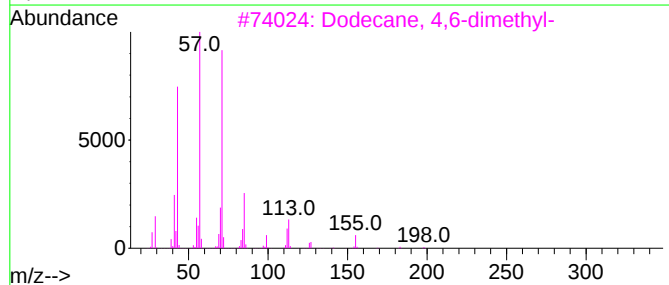
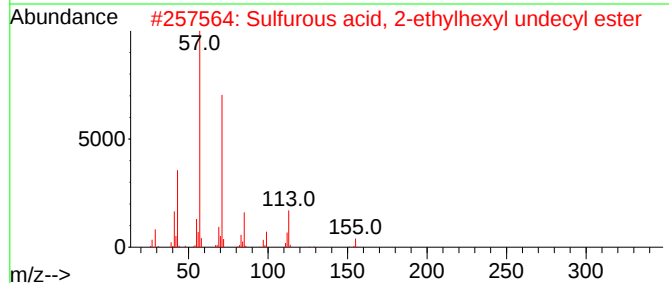
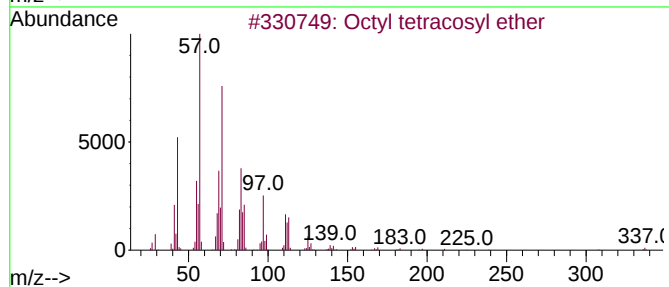
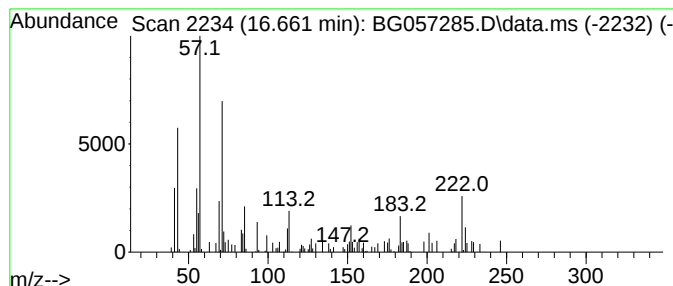
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.661	7.14 ng/ul	87550	Phenanthrene-d10	17.730

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octyl tetraicosyl ether	467	C32H66O	1000406-39-0	47
2			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	47
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	38
4			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	38
5			Undecane	156	C11H24	001120-21-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

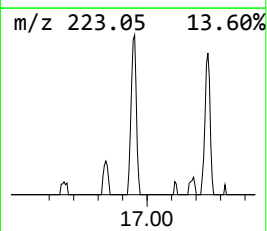
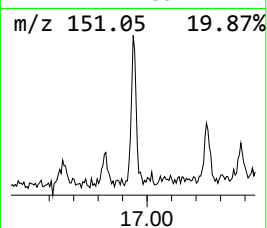
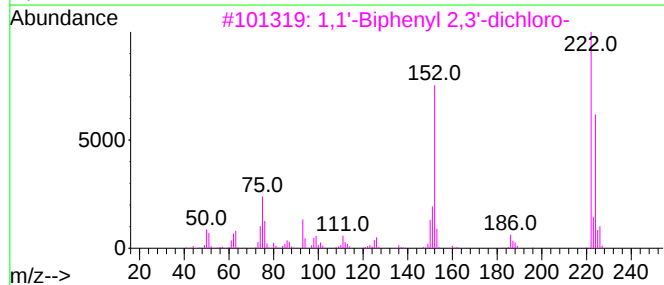
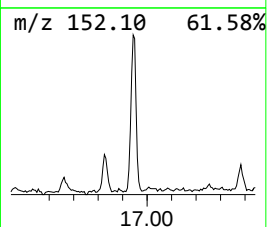
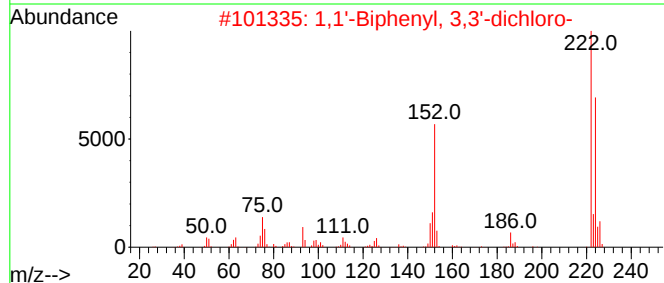
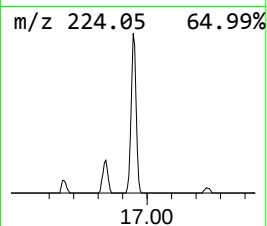
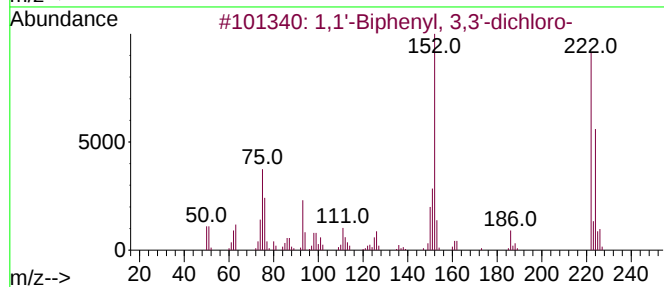
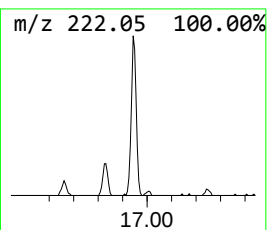
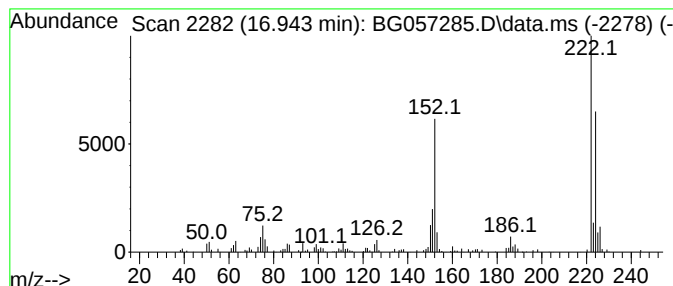
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 3,3'-dichloro- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.943	9.52 ng/ul	116642	Phenanthrene-d10	17.730	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	97
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	97
3	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	96
4	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	96
5	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
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Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

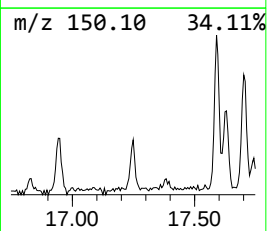
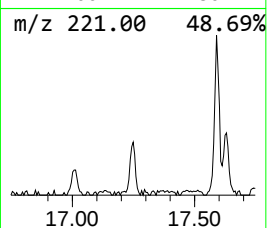
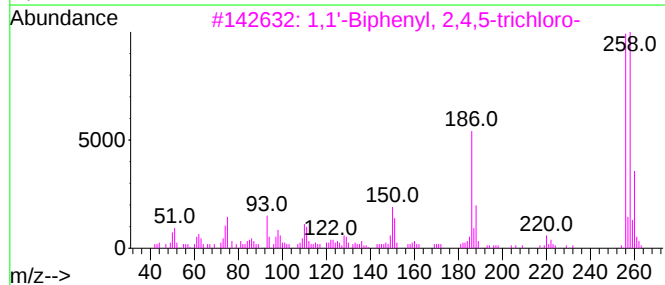
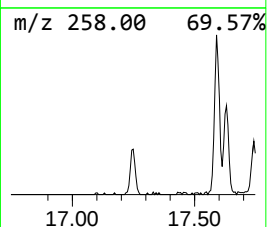
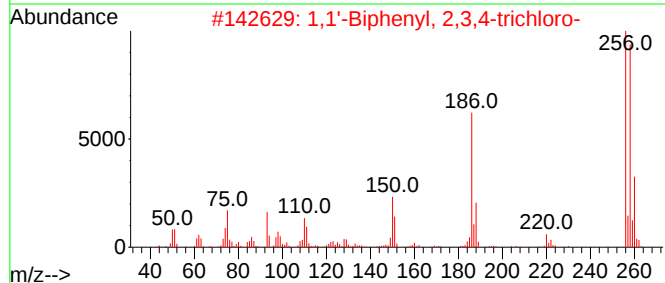
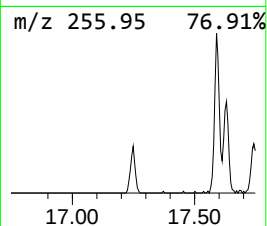
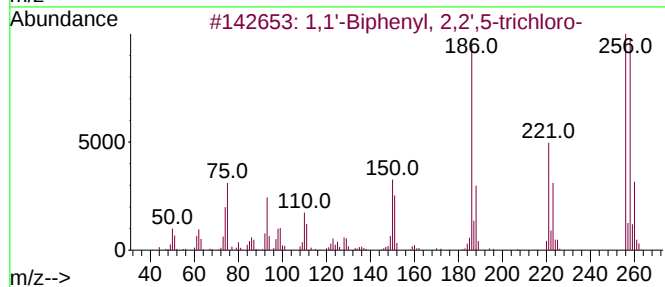
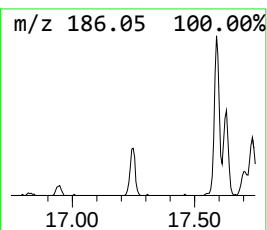
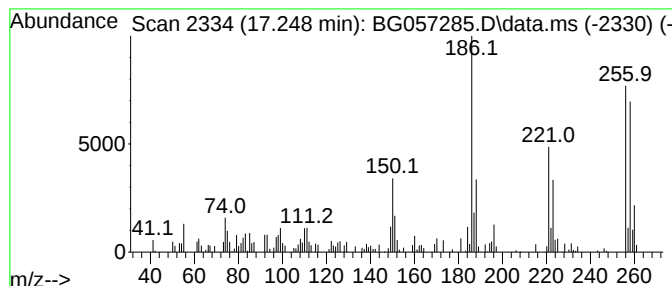
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.248	5.86 ng/ul	71820	Phenanthrene-d10	17.730	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98
2	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	93
3	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	93
4	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	93
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
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Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

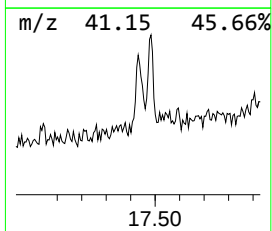
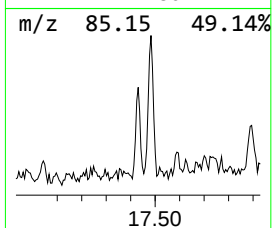
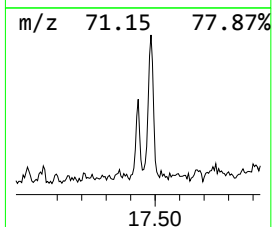
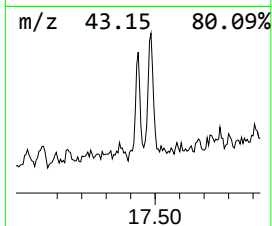
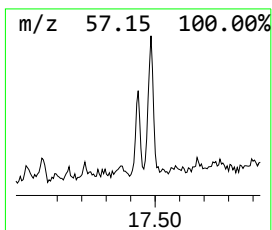
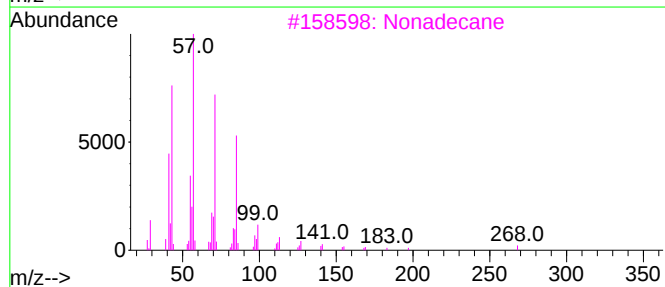
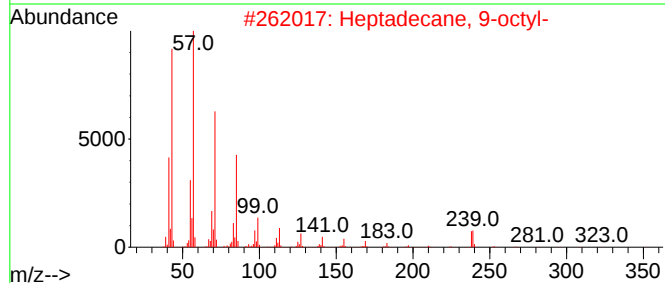
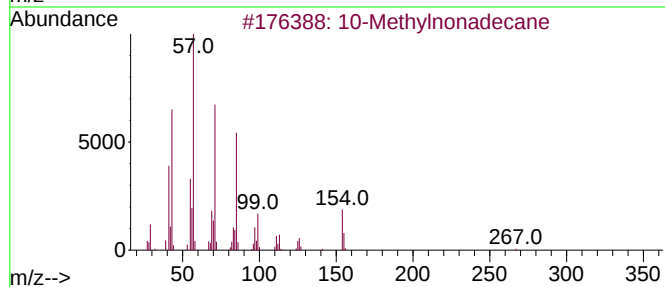
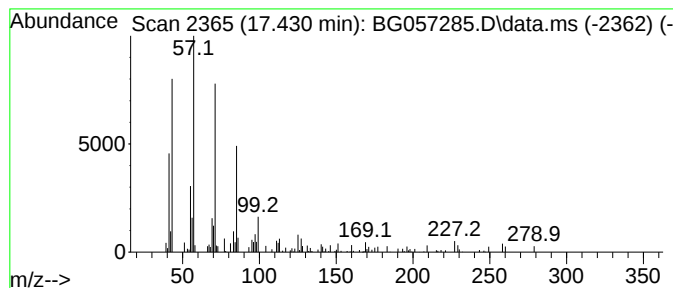
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.430	4.39 ng/ul	53809	Phenanthrene-d10		17.730	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	10-Methylnonadecane		282	C20H42	056862-62-5	83
2	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	83
3	Nonadecane		268	C19H40	000629-92-5	83
4	Tetracosane		338	C24H50	000646-31-1	80
5	Tridecane, 6-propyl-		226	C16H34	055045-10-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
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Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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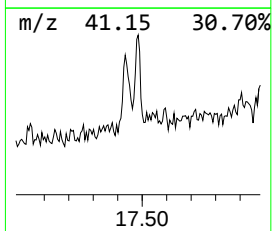
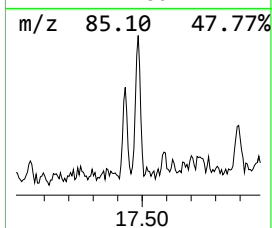
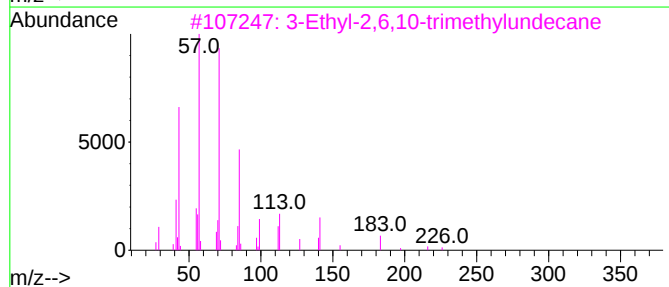
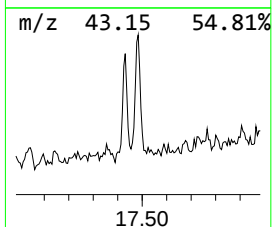
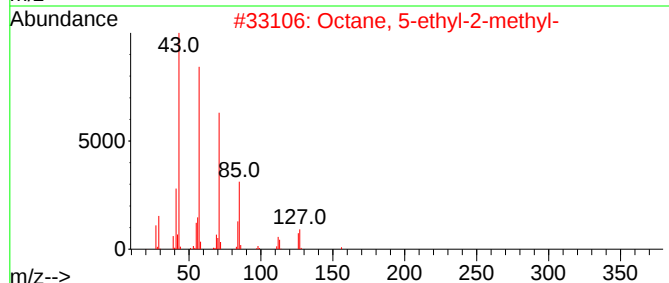
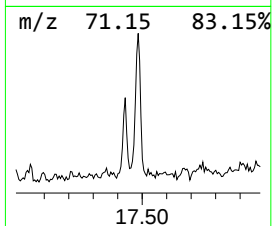
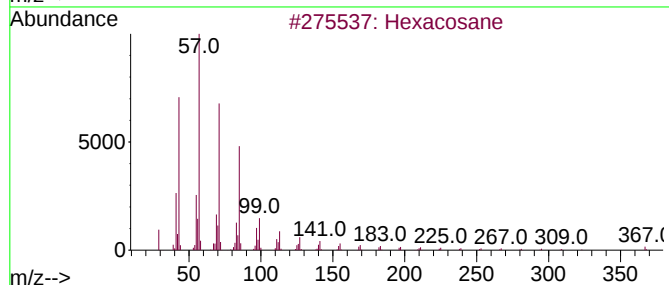
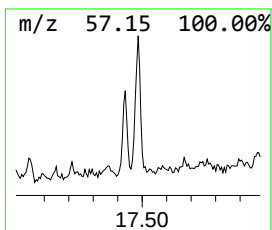
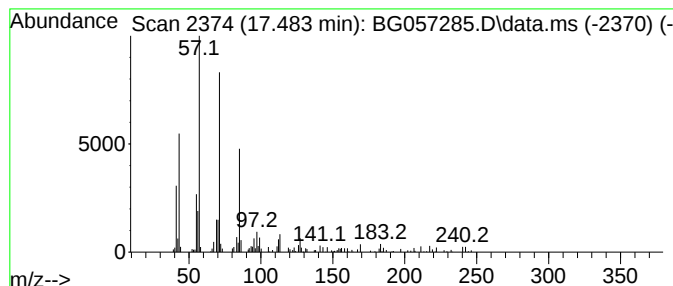
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.483	6.64 ng/ul	81426	Phenanthrene-d10	17.730

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	86
2			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	80
3			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	78
4			Nonadecane	268	C19H40	000629-92-5	78
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW925

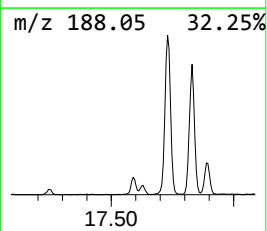
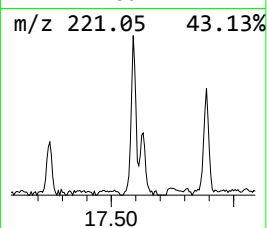
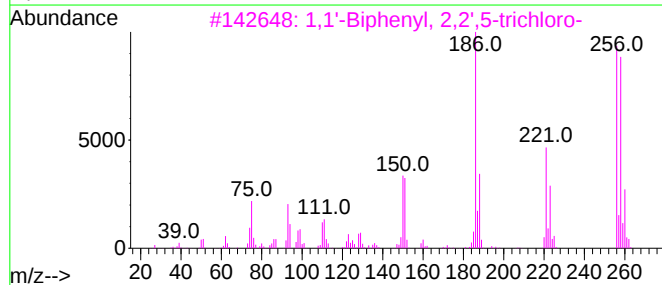
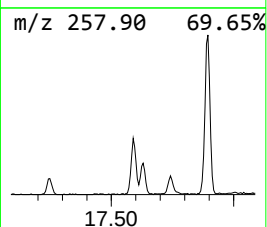
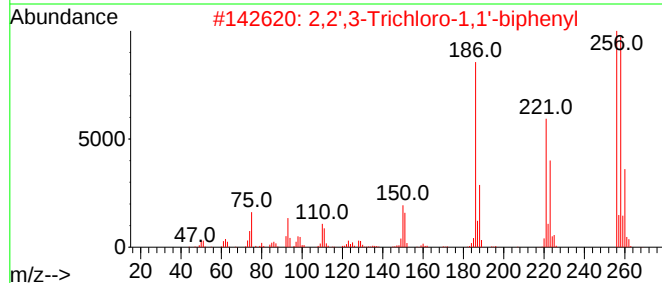
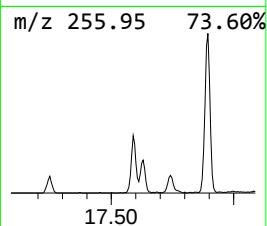
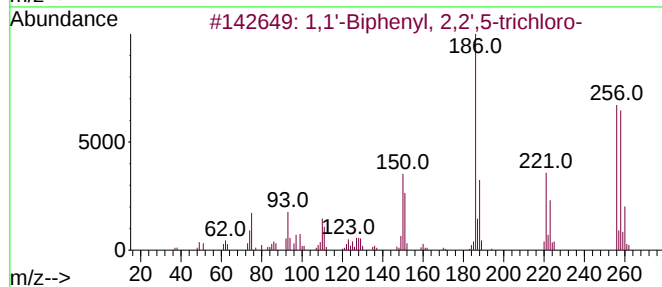
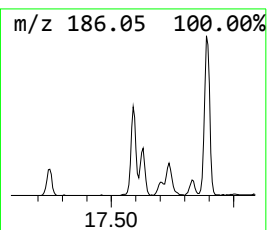
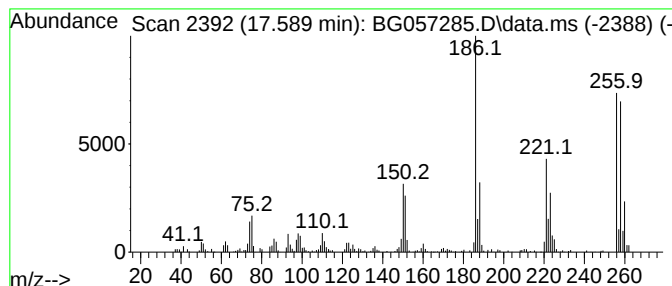
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 2,2',3-Trichloro-1,1'-biphenyl Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.589	17.72 ng/ul	217166	Phenanthrene-d10	17.730

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98		
2	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	98		
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98		
4	2,3',6-Trichlorobiphenyl	256	C12H7Cl3	038444-76-7	96		
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

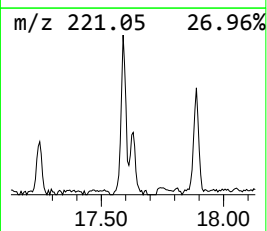
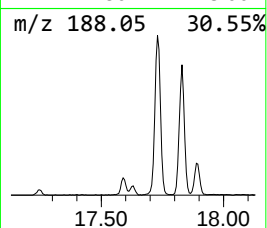
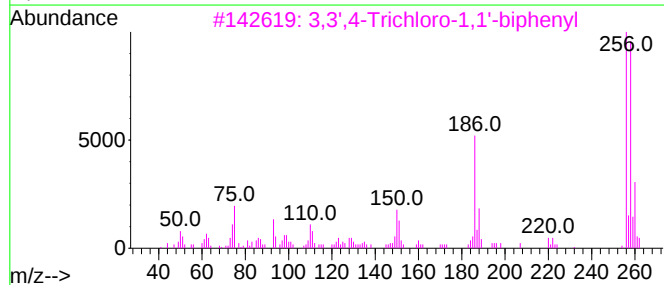
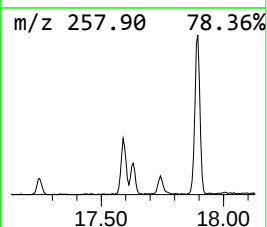
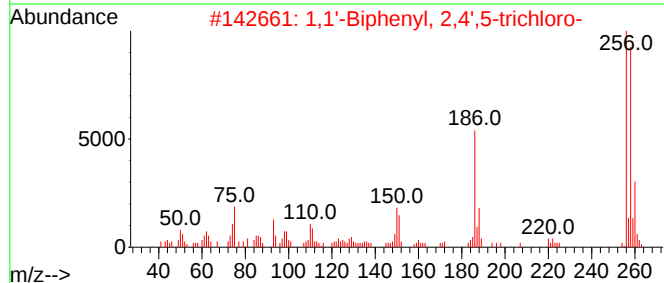
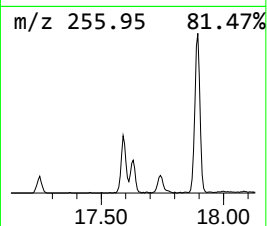
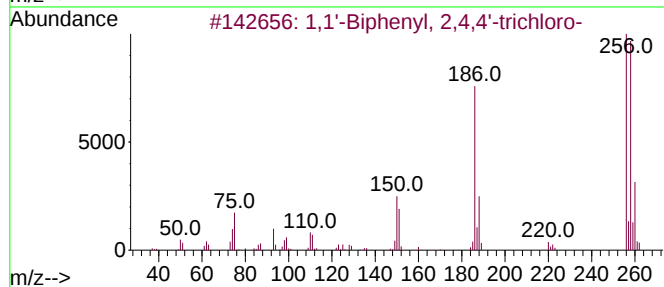
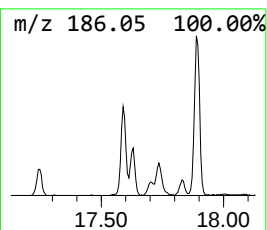
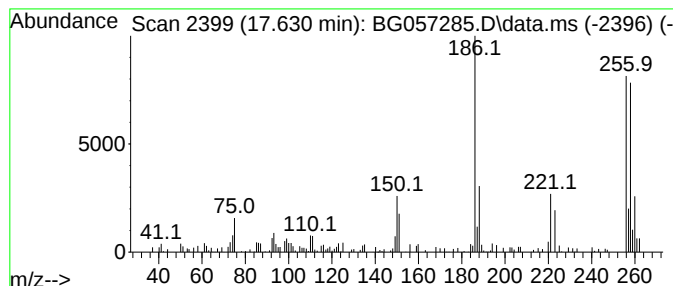
Instrument :
BNA_G
ClientSampleId :
EW925

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 15 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.630	8.59 ng/ul	105286	Phenanthrene-d10	17.730	
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	3,3',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-69-6	96
4	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	96
5	2,3',6-Trichlorobiphenyl	256	C12H7Cl3	038444-76-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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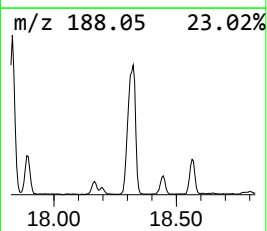
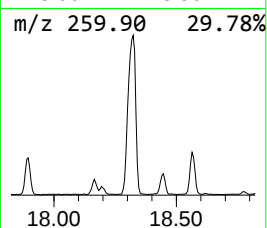
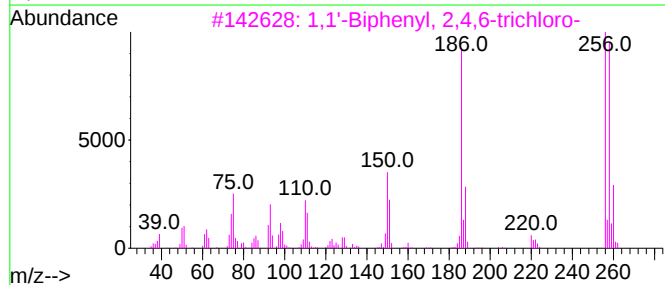
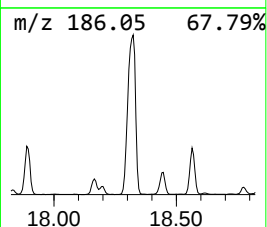
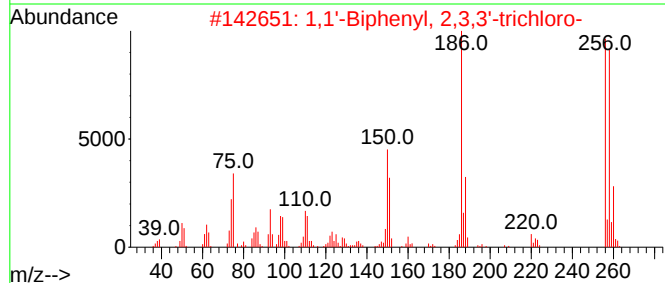
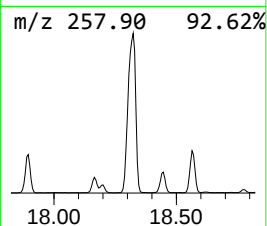
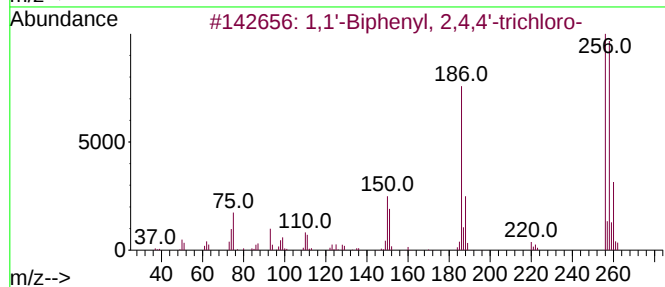
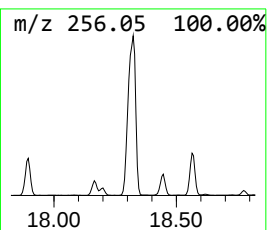
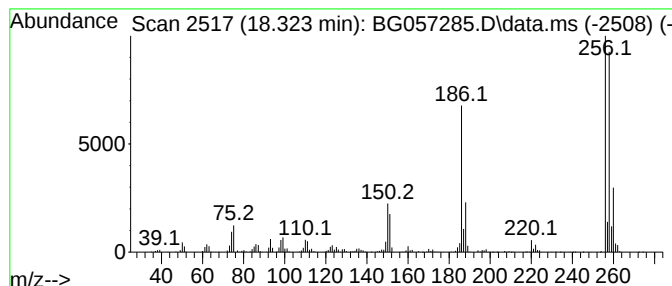
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.323	201.42 ng/ul	2468860	Phenanthrene-d10	17.730

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99	
2	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99	
3	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	97	
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	97	
5	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	97	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

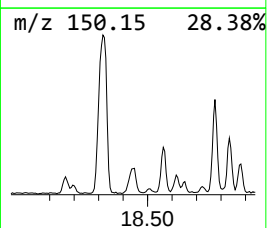
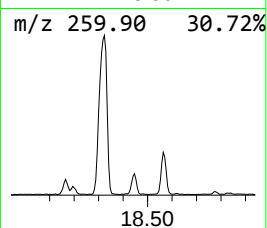
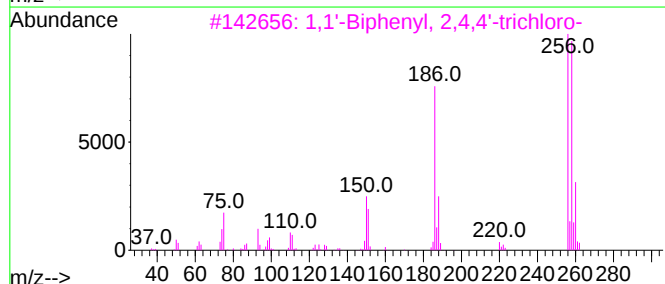
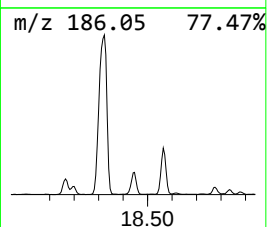
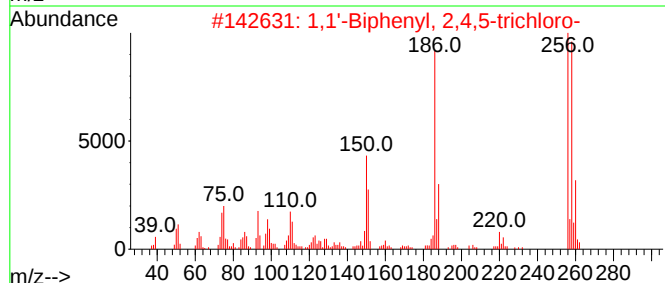
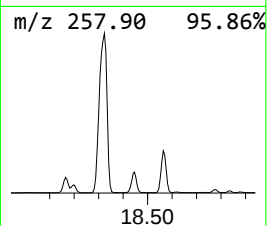
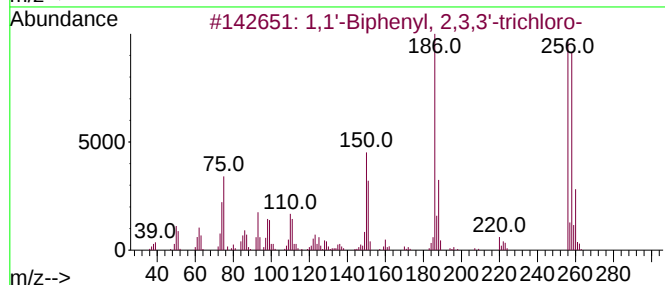
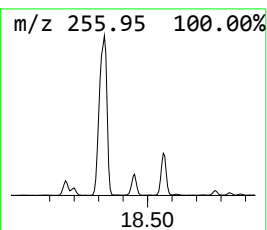
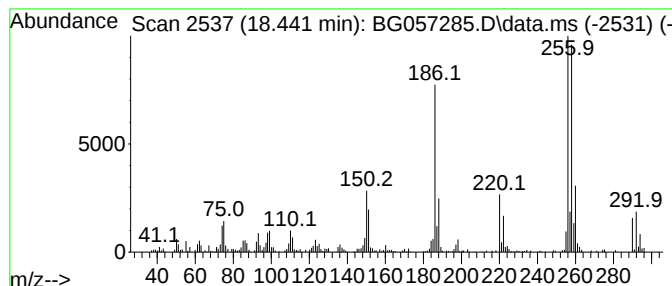
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2,4,5-trichl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.441	31.70 ng/ul	388532	Phenanthrene-d10	17.730	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	98
2	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	97
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
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Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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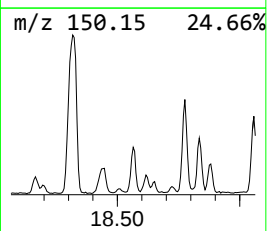
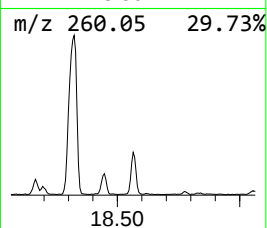
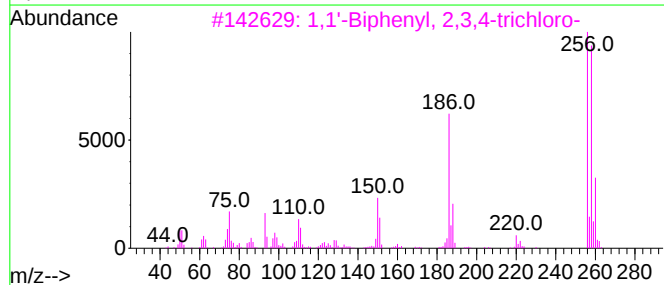
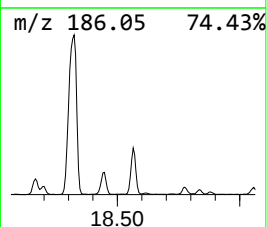
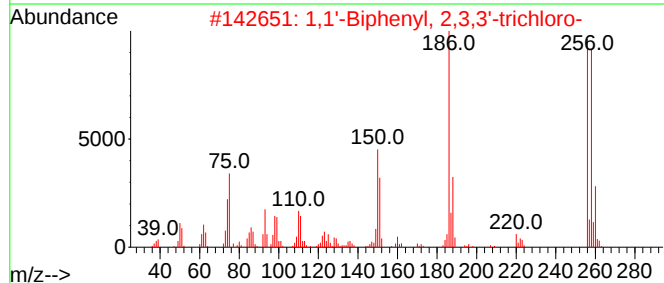
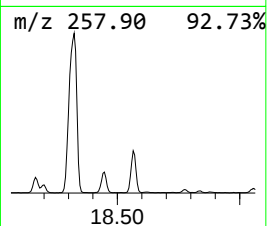
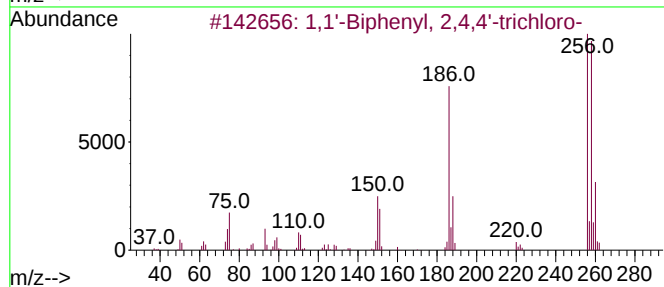
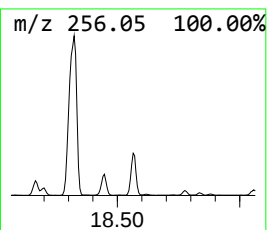
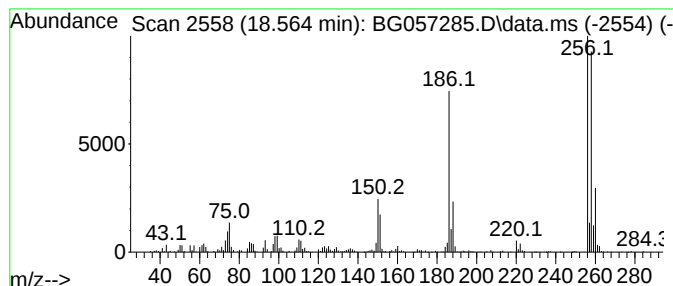
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2,3,4-trichl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.564	37.62 ng/ul	461161	Phenanthrene-d10	17.730

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, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98		
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98		
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	97		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
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Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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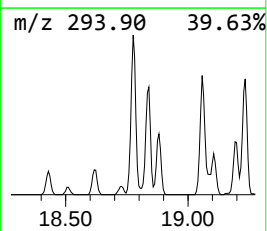
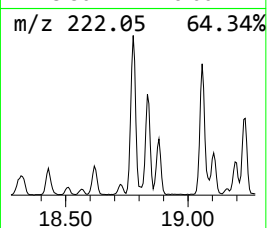
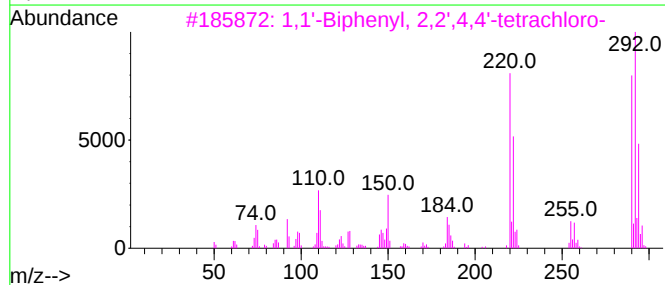
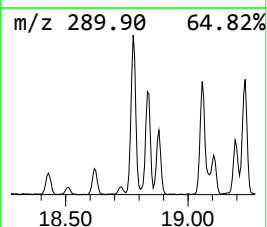
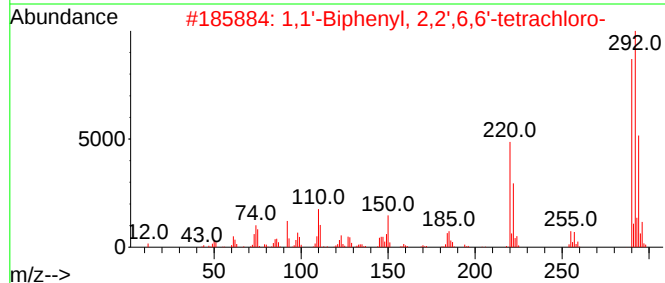
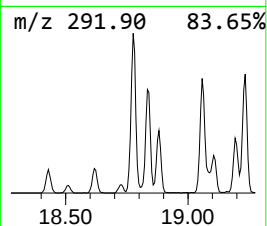
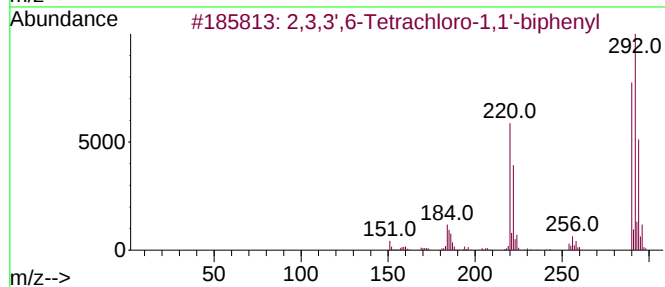
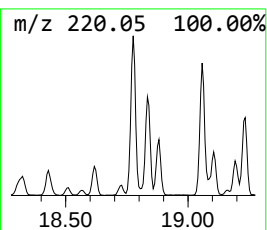
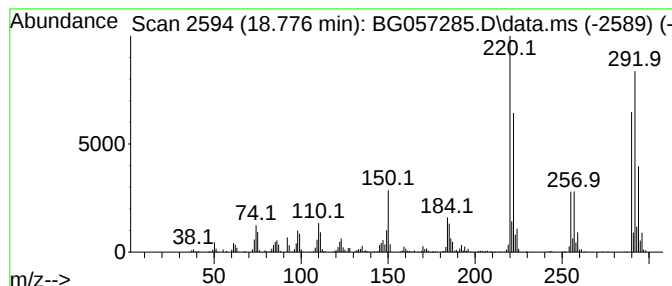
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.776	83.08 ng/ul	1018370	Phenanthrene-d10	17.730

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99	
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	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	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

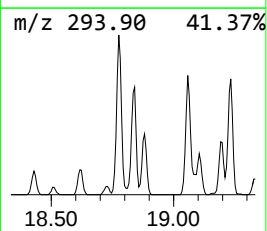
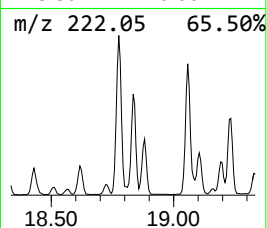
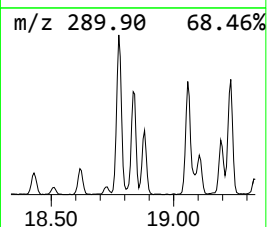
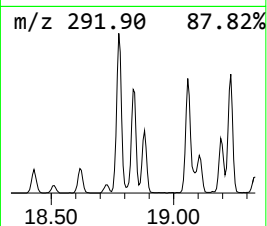
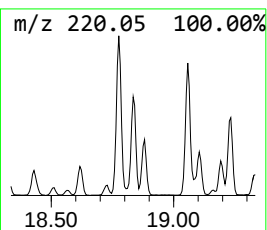
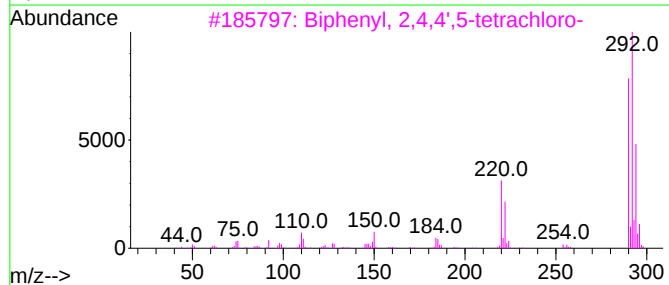
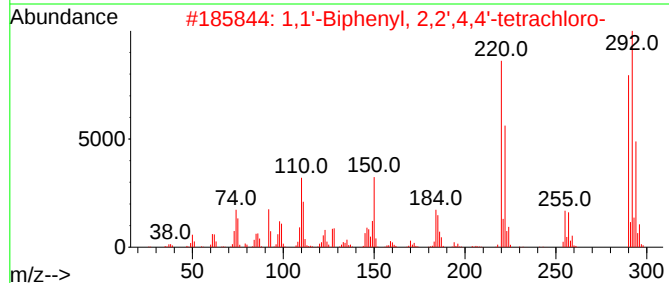
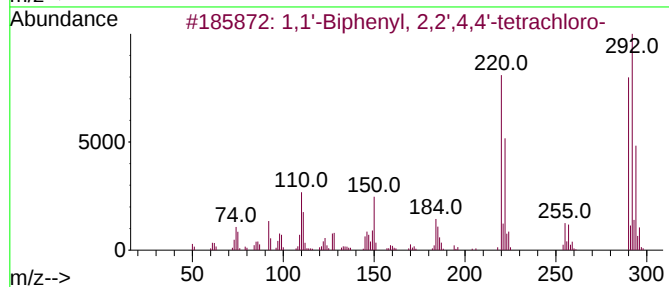
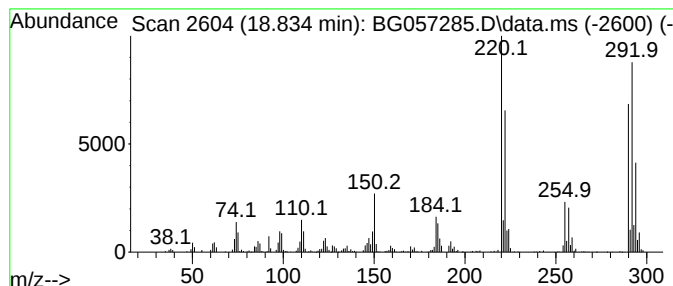
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BNA_G
ClientSampleId :
EW925

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, 2,2',4,4'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.834	52.97 ng/ul	649229	Phenanthrene-d10	17.730		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	290	C12H6Cl4	002437-79-8	99	
2	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	290	C12H6Cl4	002437-79-8	99	
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99	
4	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	290	C12H6Cl4	015968-05-5	99	
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

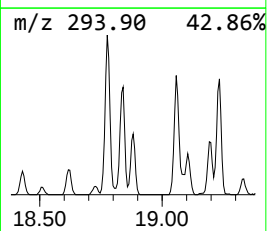
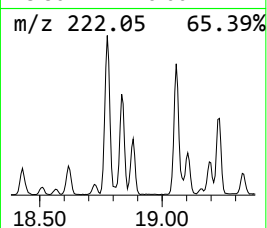
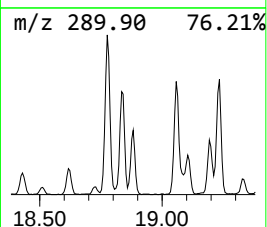
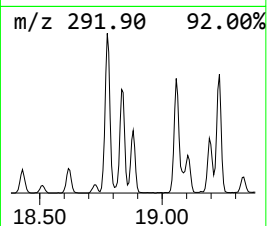
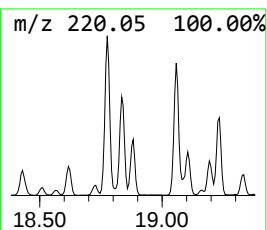
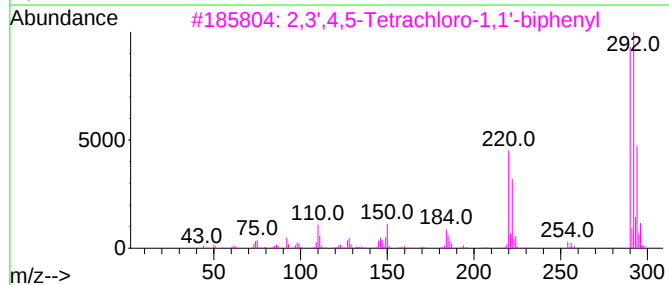
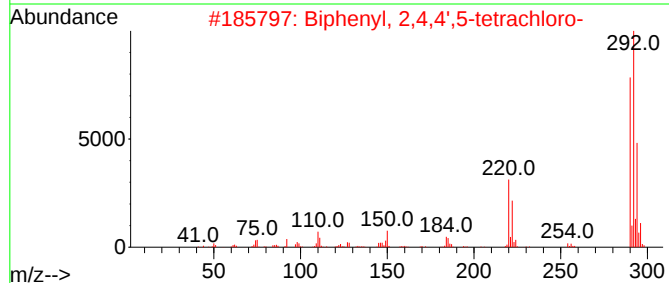
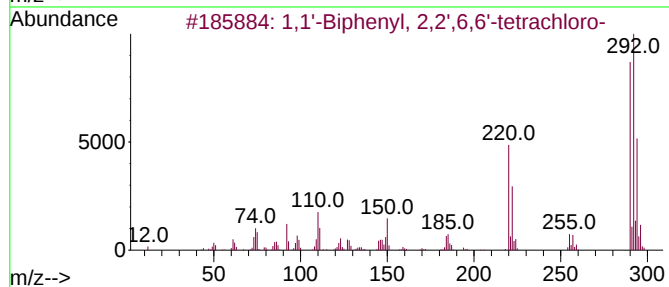
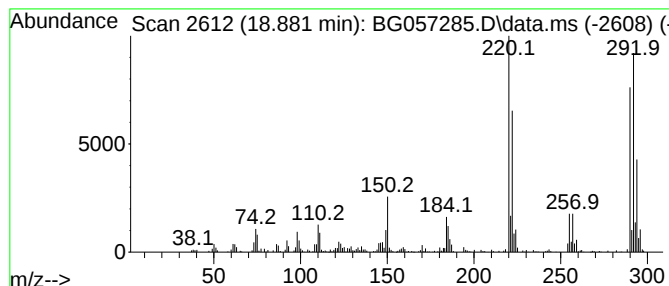
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.881	26.77 ng/ul	328171	Phenanthrene-d10	17.730	
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	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
5	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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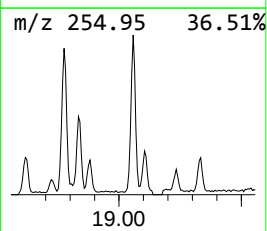
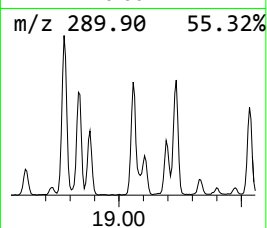
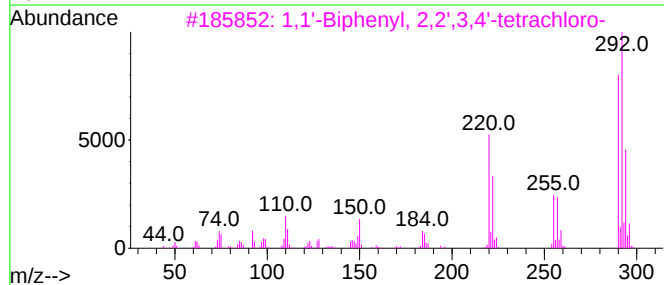
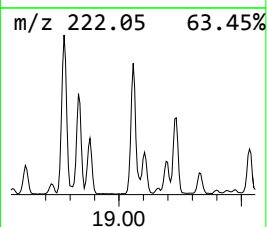
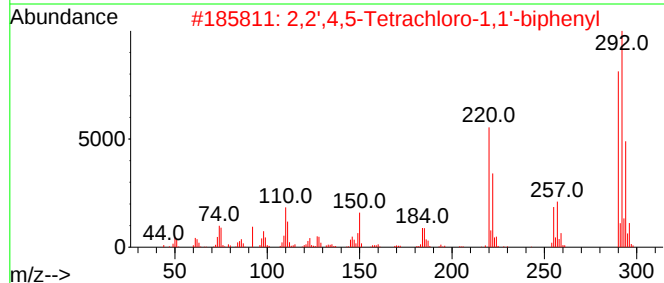
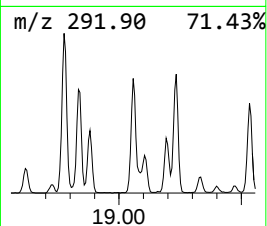
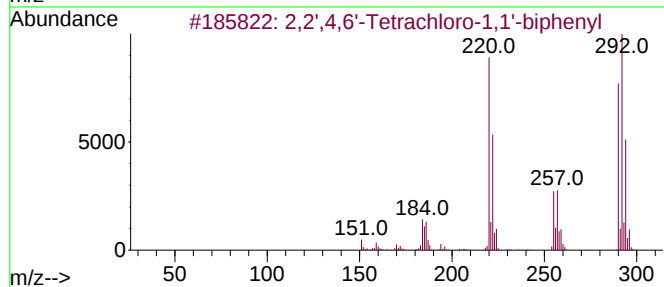
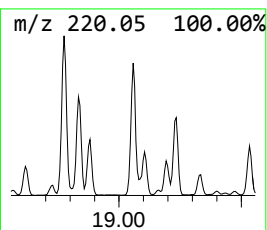
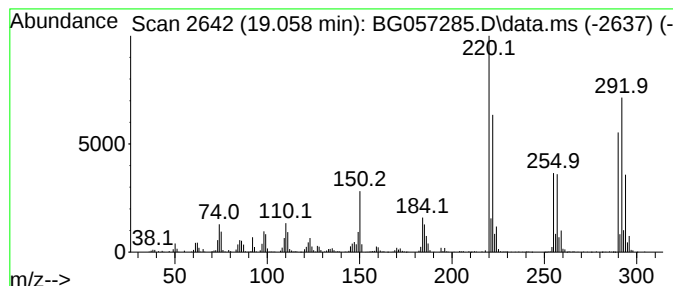
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.058	71.46 ng/ul	875939	Phenanthrene-d10	17.730

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99		
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99		
3	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99		
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99		
5	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

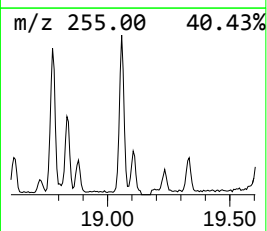
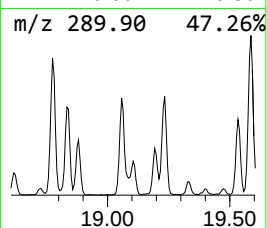
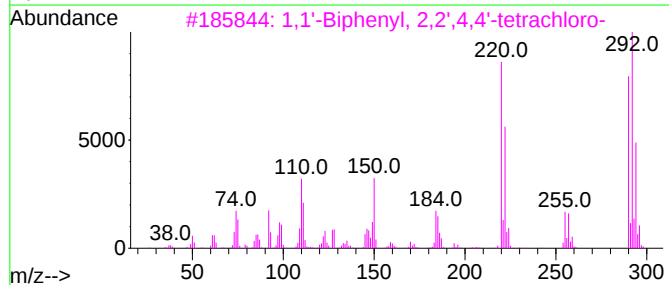
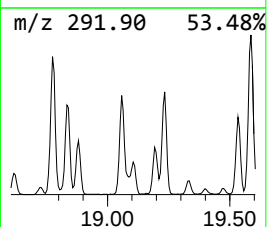
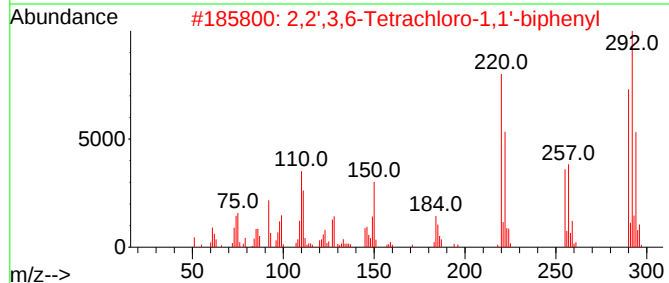
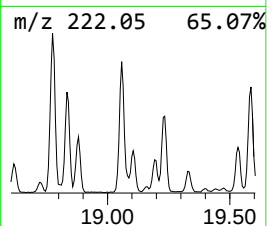
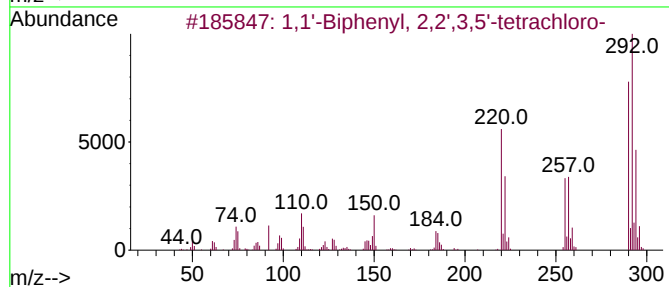
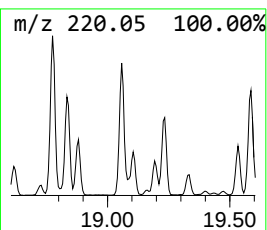
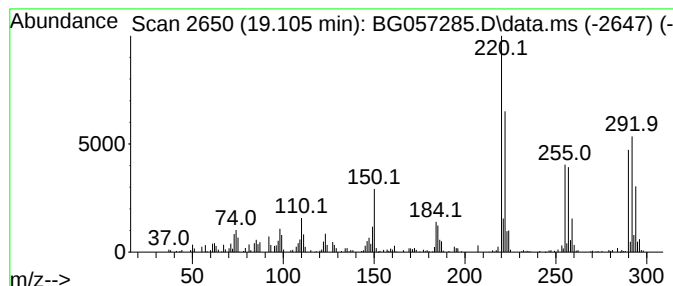
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 1,1'-Biphenyl, 2,2',3,5'-te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.105	20.51 ng/ul	251375	Phenanthrene-d10	17.730		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99	
2	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99	
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99	
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	98	
5	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	98	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
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Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

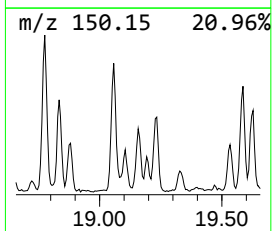
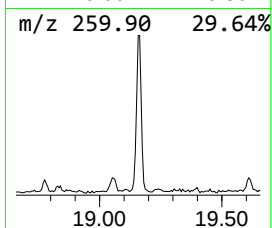
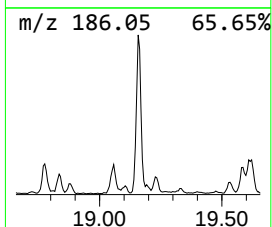
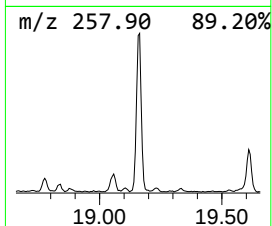
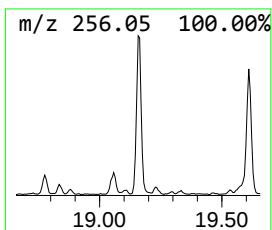
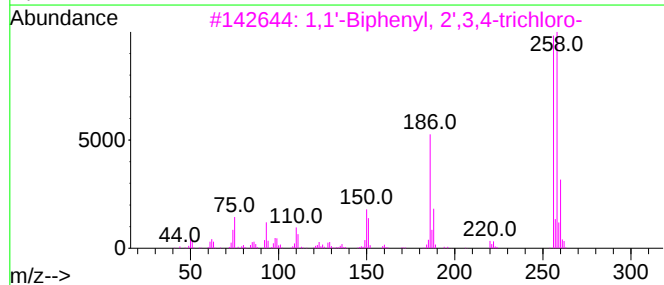
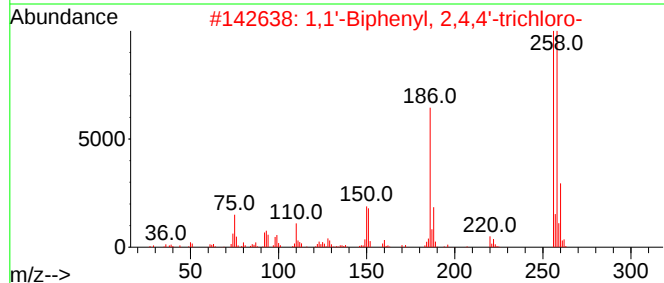
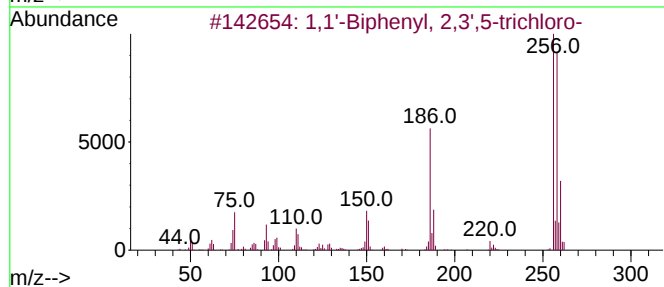
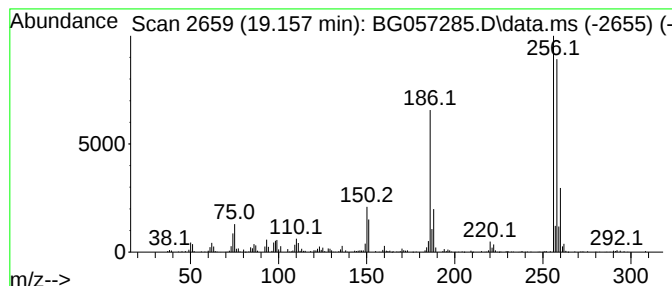
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.157	32.85 ng/ul	402595	Phenanthrene-d10	17.730	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	98
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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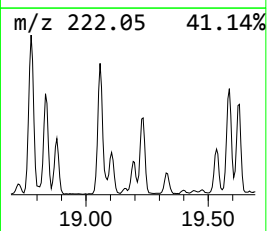
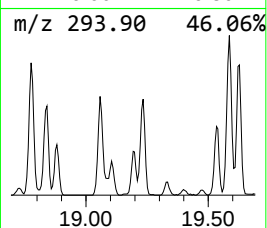
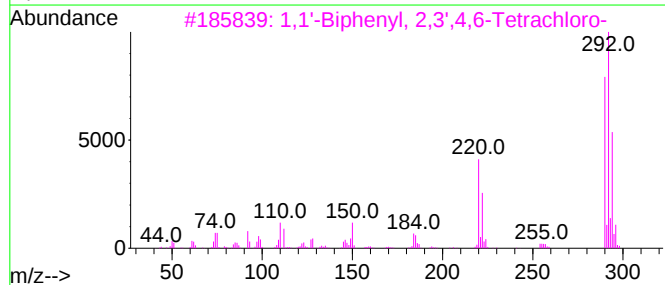
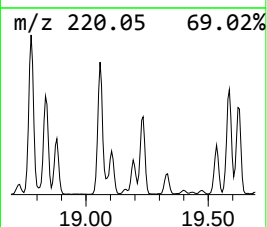
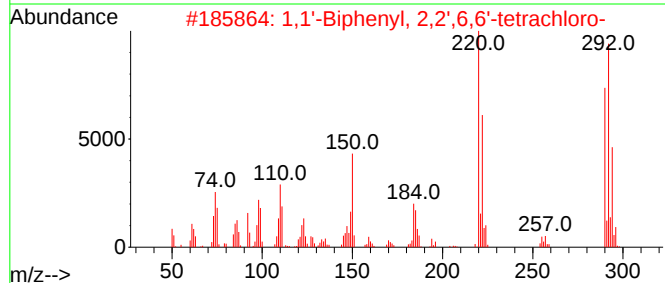
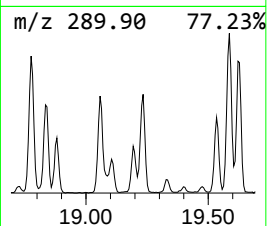
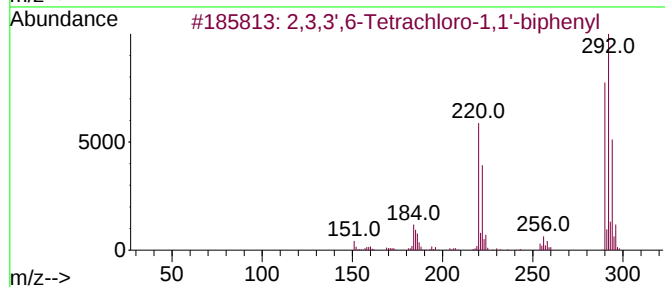
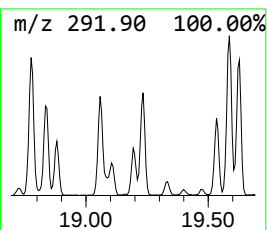
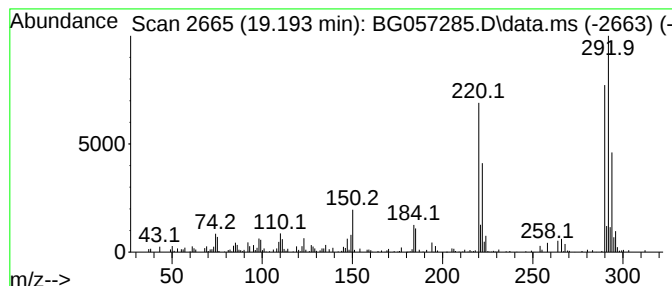
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 1,1'-Biphenyl, 2,3',4,6-Tet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.193	17.05 ng/ul	208995	Phenanthrene-d10	17.730

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99	
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99	
3	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99	
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99	
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW925

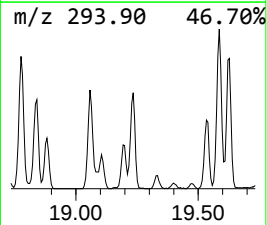
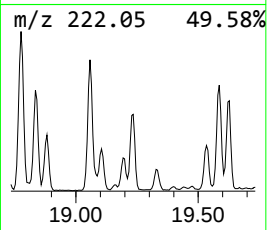
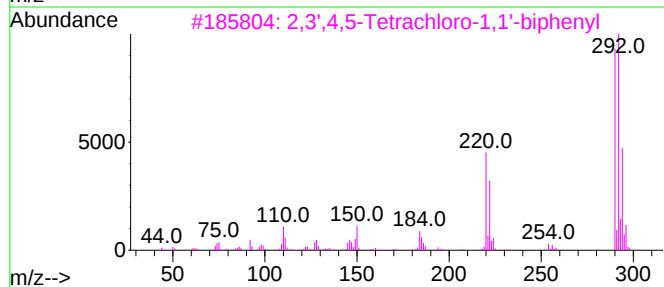
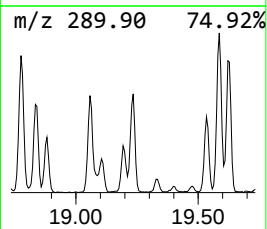
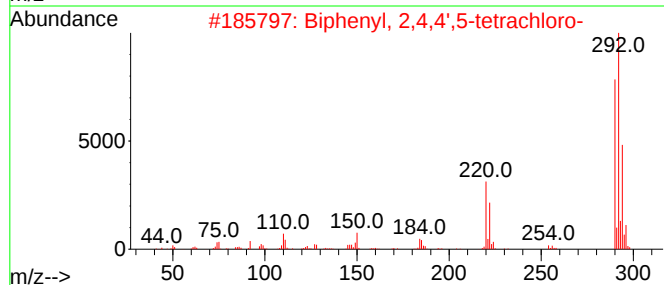
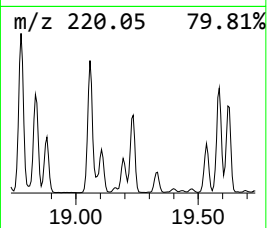
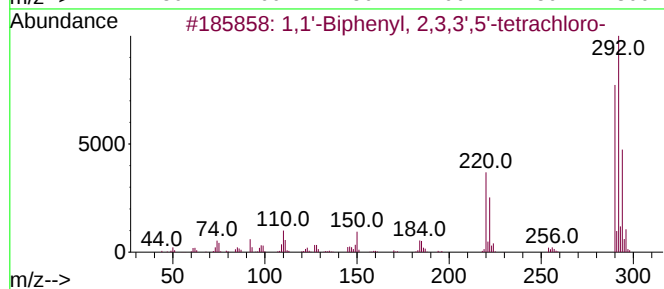
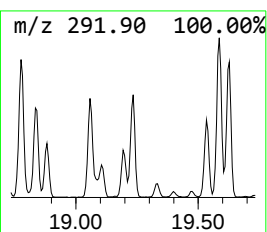
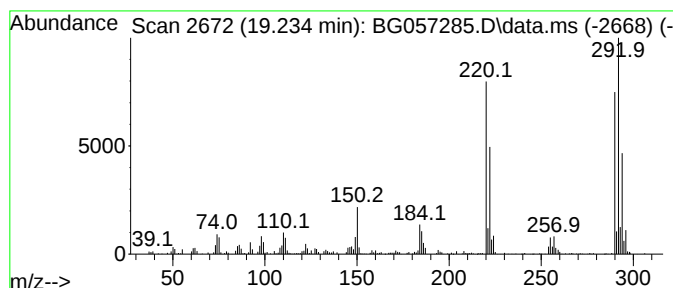
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 26 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.234	41.25 ng/ul	505606	Phenanthrene-d10	17.730	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

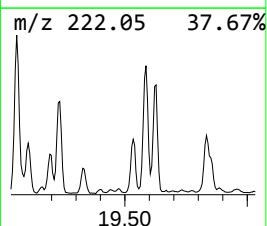
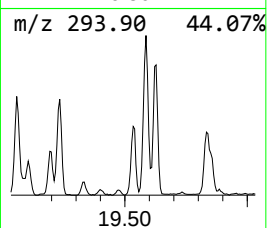
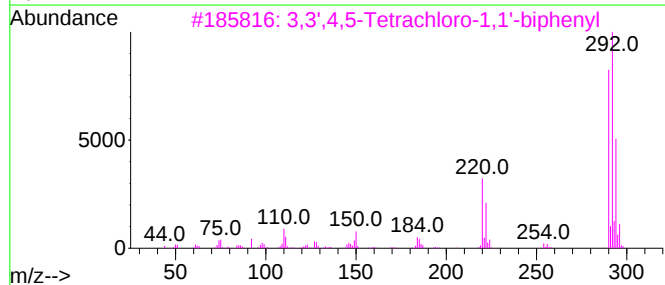
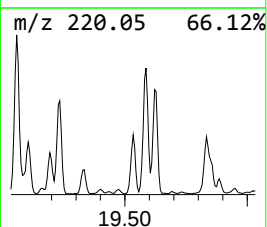
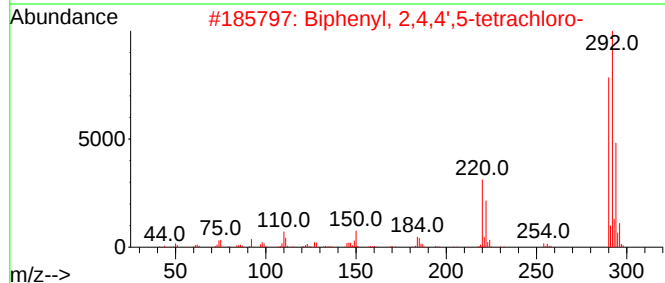
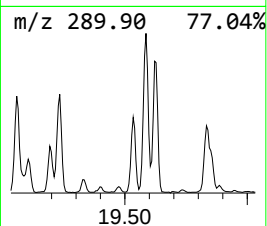
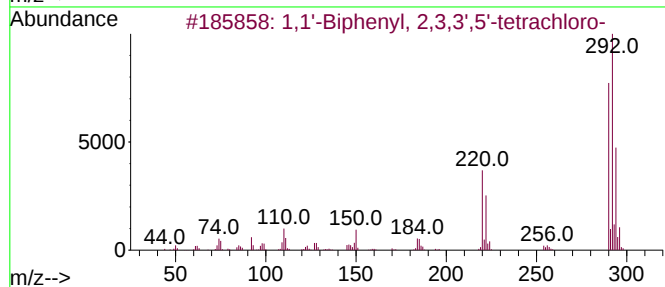
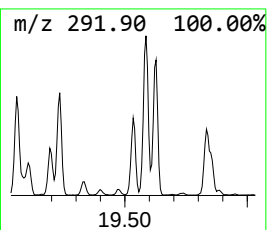
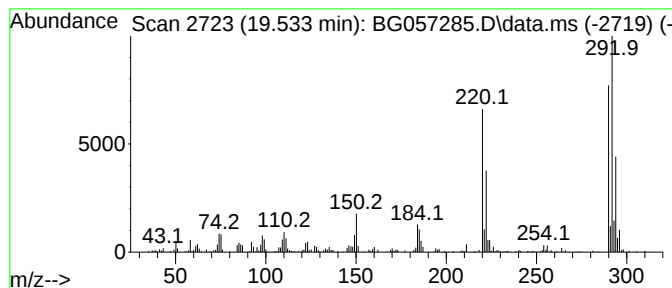
Instrument :
BNA_G
ClientSampleId :
EW925

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 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.534	29.12 ng/ul	356910	Phenanthrene-d10	17.730	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrachloro-	290	C12H6Cl4	041464-49-7	99
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachloro-	290	C12H6Cl4	052663-58-8	99
5	1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	290	C12H6Cl4	041464-42-0	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

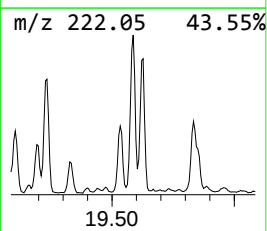
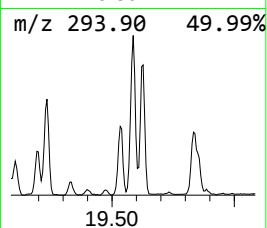
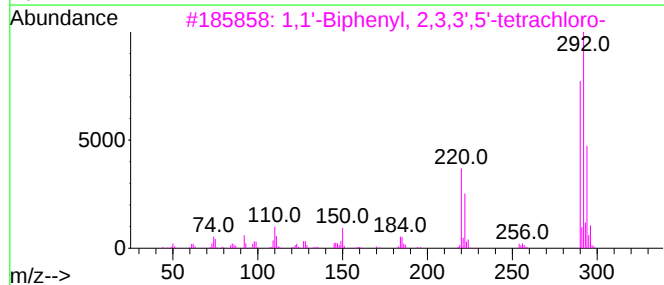
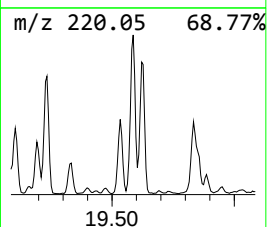
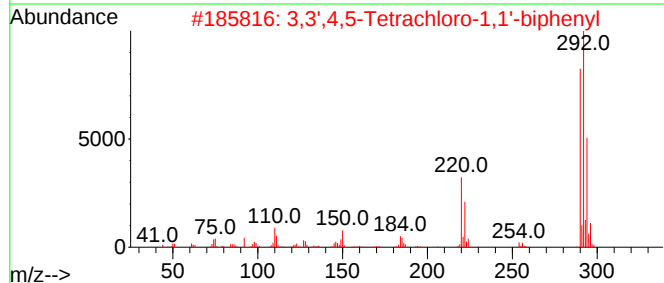
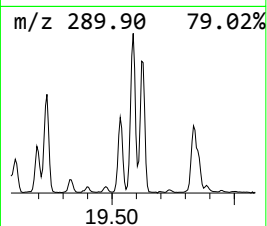
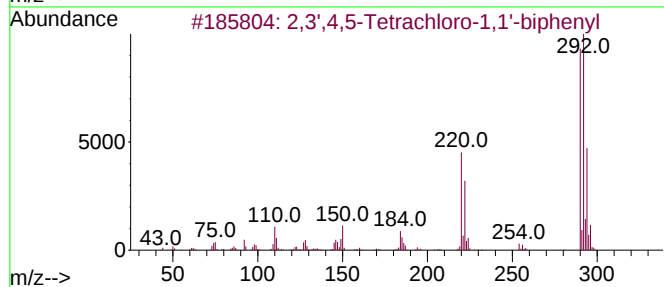
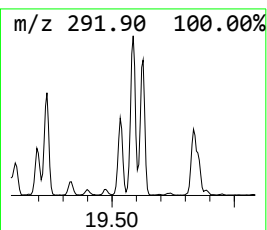
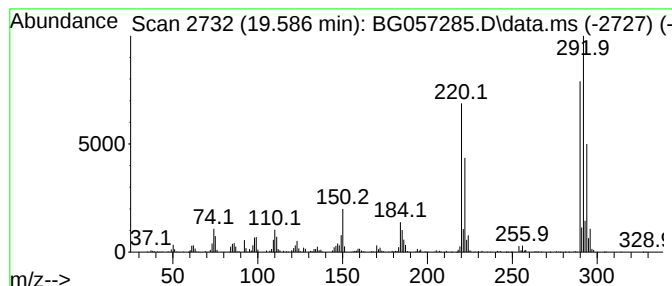
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.586	68.89 ng/ul	844459	Phenanthrene-d10		17.730	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	073575-53-8	99
2	3,3',4,5-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	070362-49-1	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrachloro...		290	C12H6Cl4	041464-49-7	99
4	Biphenyl, 2,4,4',5-tetrachloro-		290	C12H6Cl4	032690-93-0	99
5	1,1'-Biphenyl, 3,3',4,5'-tetrachloro...		290	C12H6Cl4	041464-48-6	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

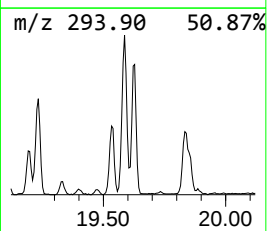
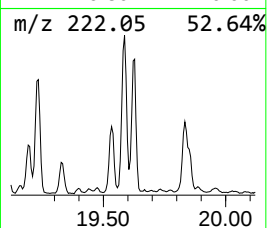
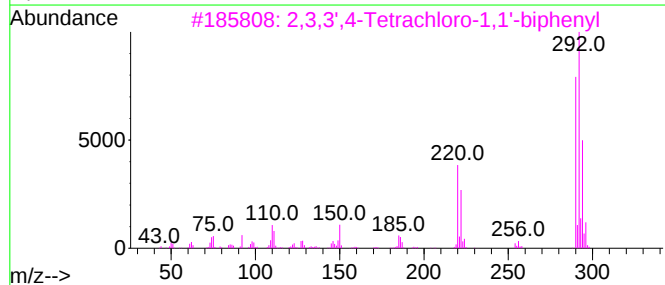
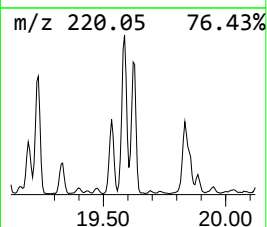
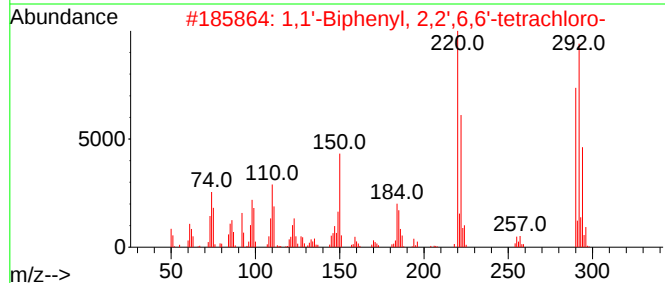
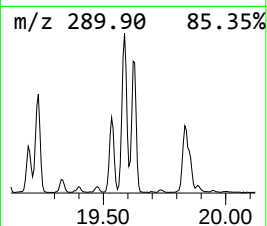
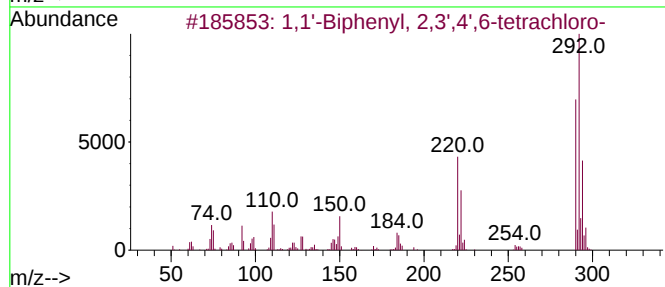
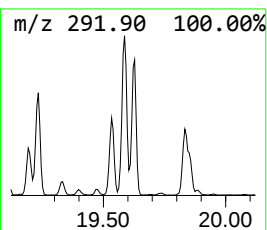
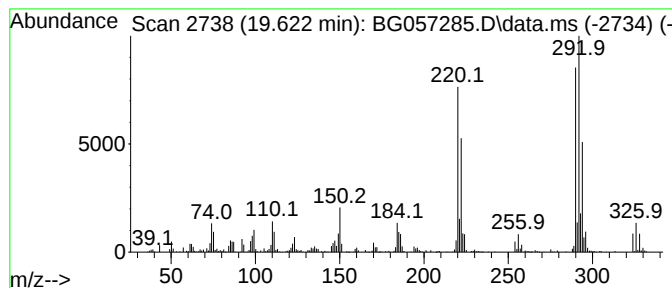
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 2,3,3',4-Tetrachloro-1,1'-b... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.622	90.27 ng/ul	1106430	Phenanthrene-d10	17.730	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4',6-tetrachloro-1,1'-biphenyl	290	C12H6Cl4	041464-46-4	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-1,1'-biphenyl	290	C12H6Cl4	015968-05-5	99
3	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
4	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
5	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

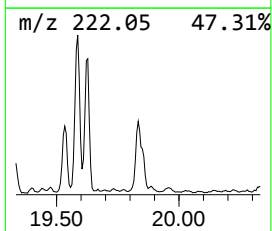
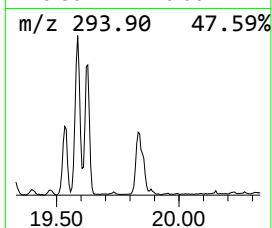
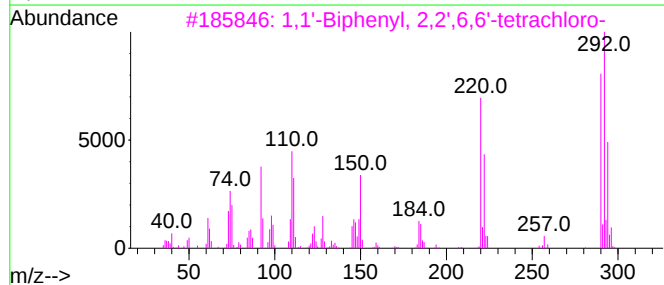
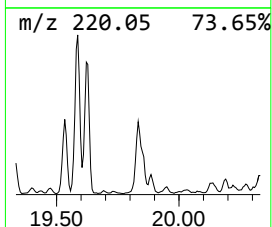
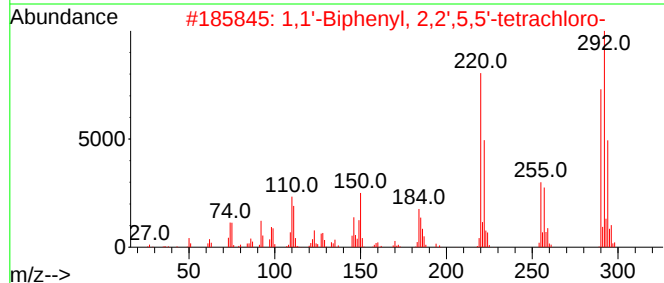
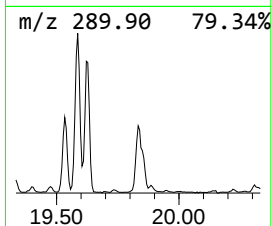
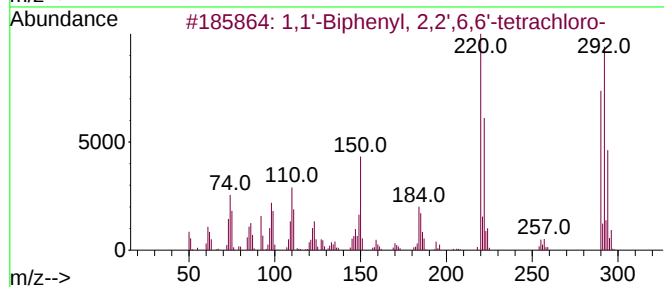
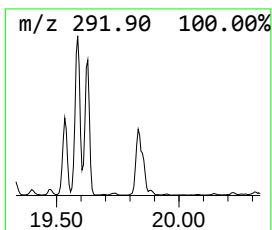
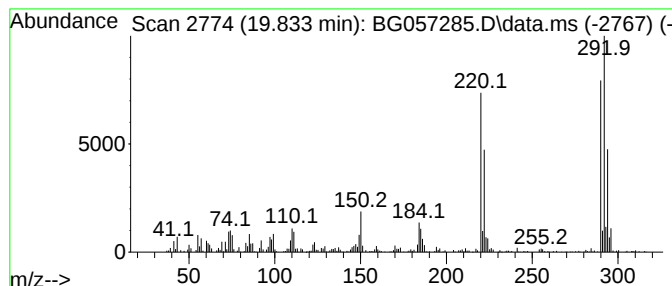
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.833	48.81 ng/ul	598323	Phenanthrene-d10		17.730	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4		015968-05-5	99
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4		035693-99-3	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4		015968-05-5	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4		041464-40-8	98
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4		002437-79-8	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

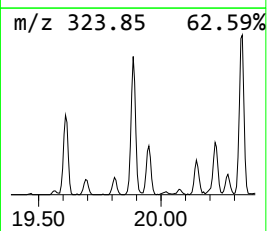
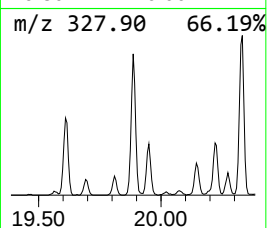
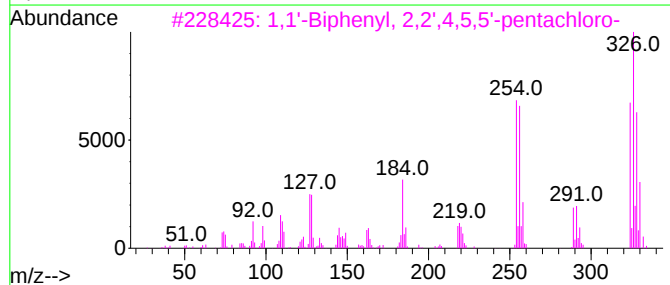
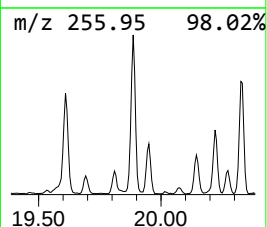
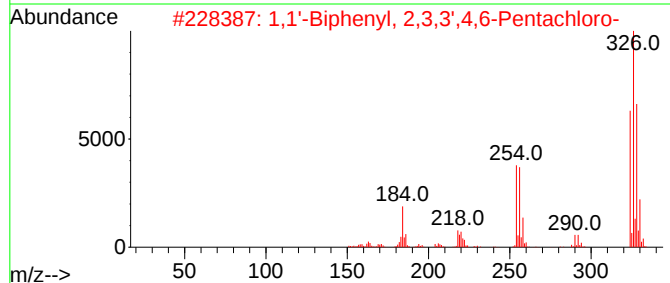
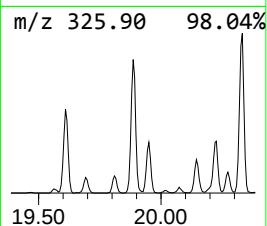
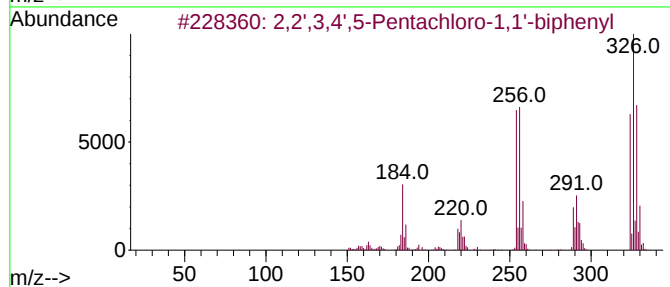
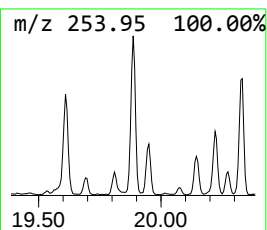
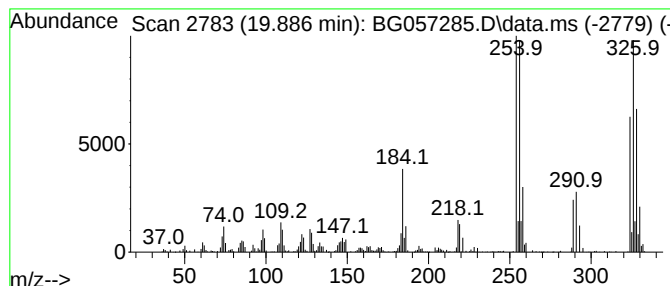
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 2,2',3,4',5-Pentachloro-1,1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.886	70.02 ng/ul	858245	Phenanthrene-d10	17.730	
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	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	99
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
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Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

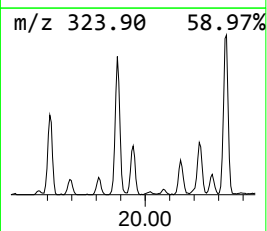
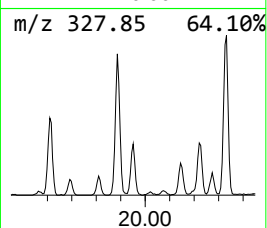
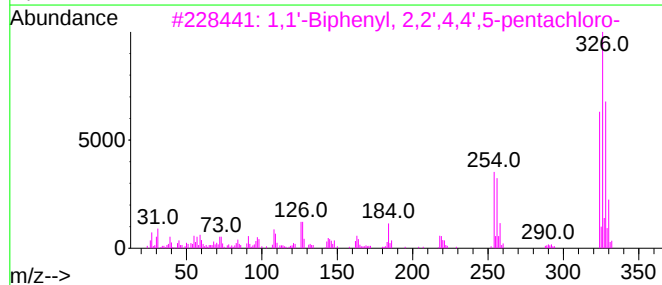
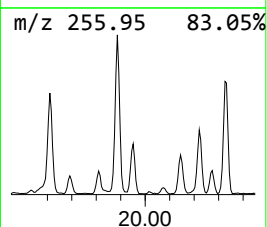
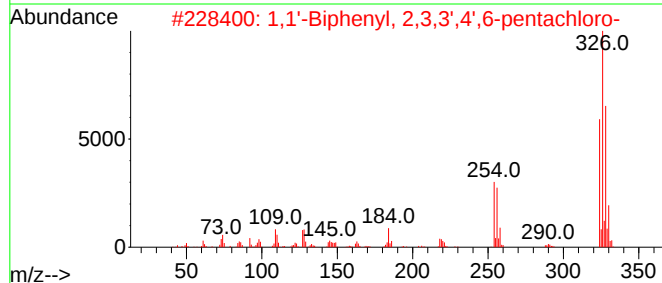
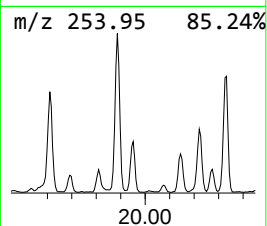
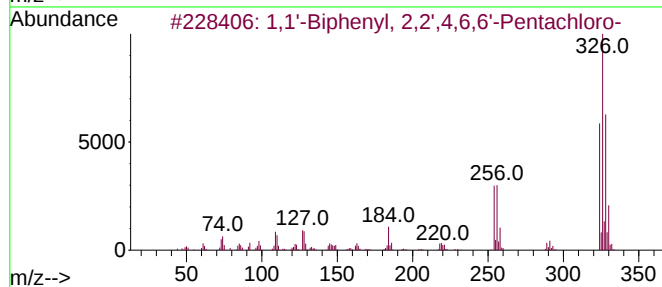
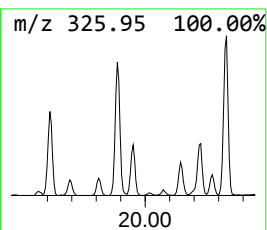
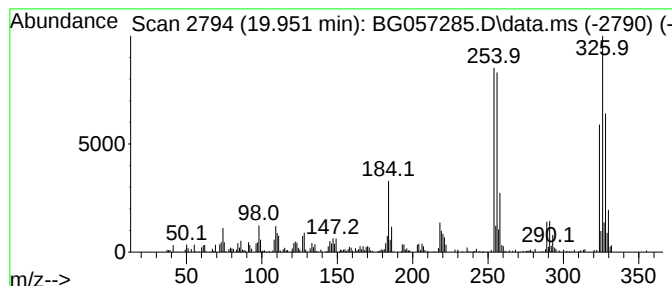
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BNA_G
ClientSampleId :
EW925

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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',4,6,6'-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.951	10.16 ng/ul	266839	Chrysene-d12	22.054		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99	
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99	
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99	
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96	
5	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	96	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW925

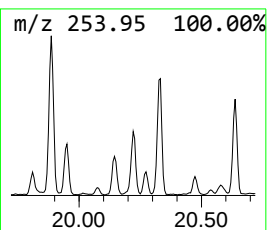
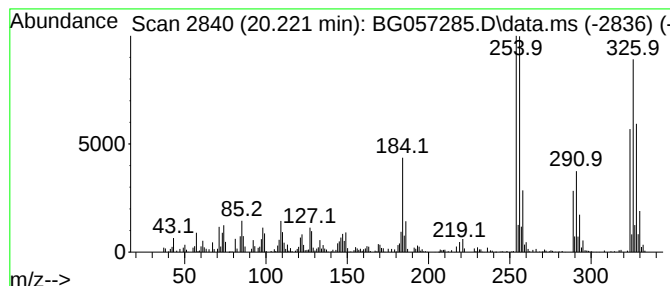
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.221	13.03 ng/ul	342341	Chrysene-d12	22.054

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99		
2	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99		
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99		
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99		
5	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW925

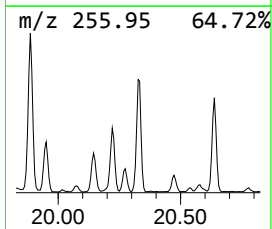
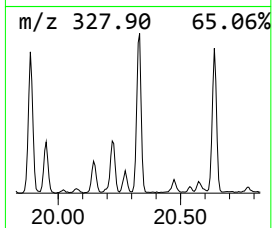
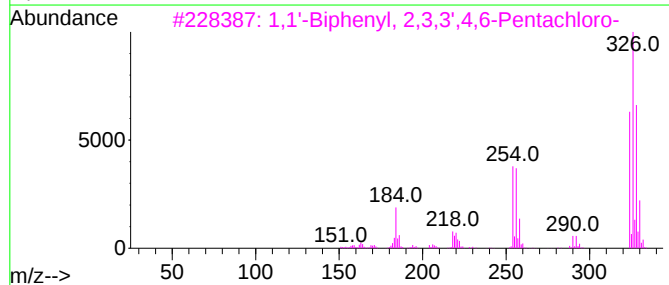
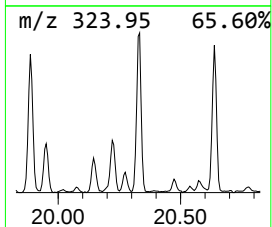
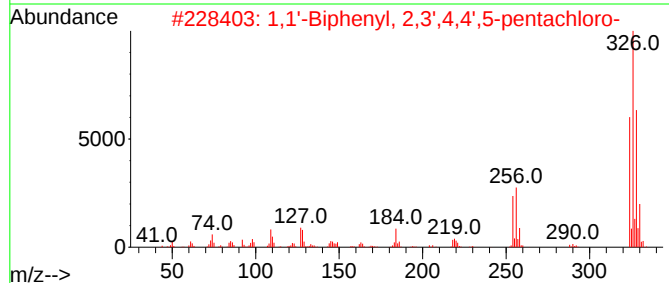
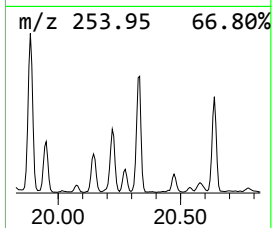
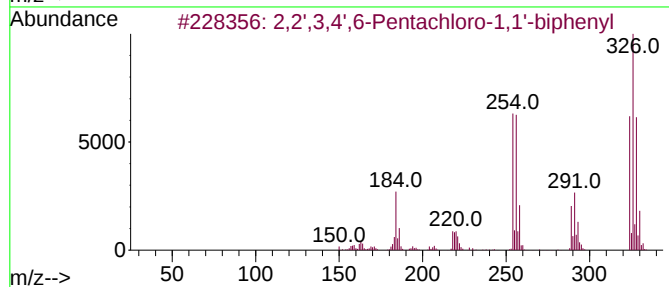
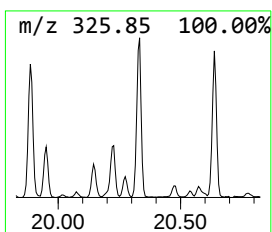
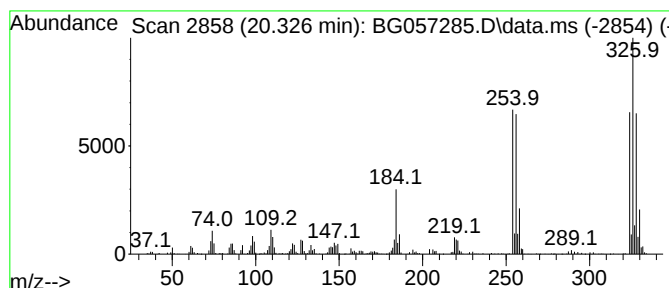
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 2,2',3,4',6-Pentachloro-1,1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.326	26.53 ng/ul	696967	Chrysene-d12	22.054

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99		
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99		
3	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	97		
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96		
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

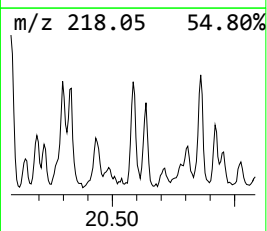
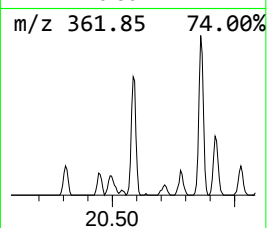
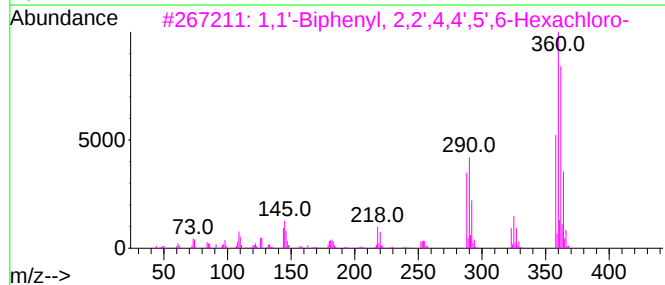
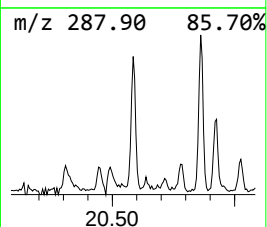
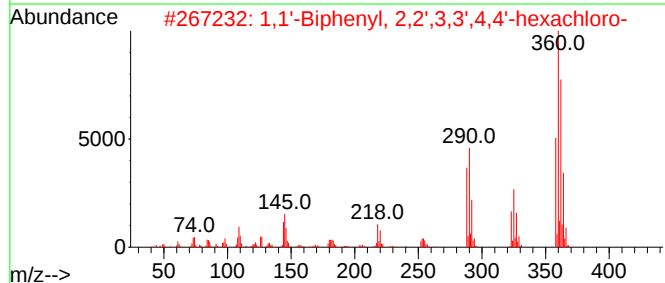
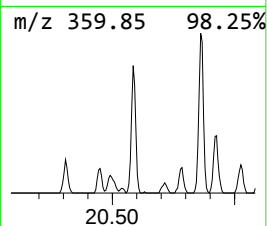
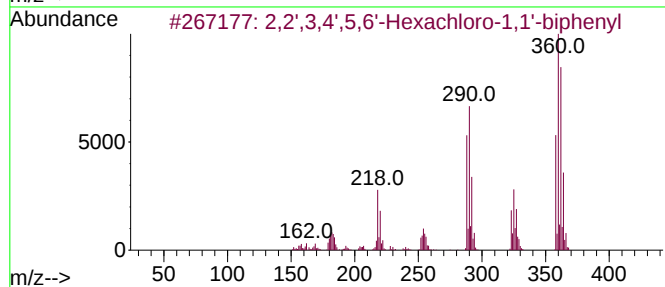
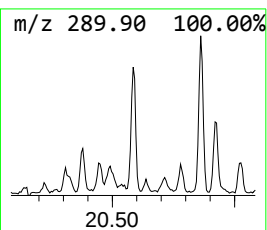
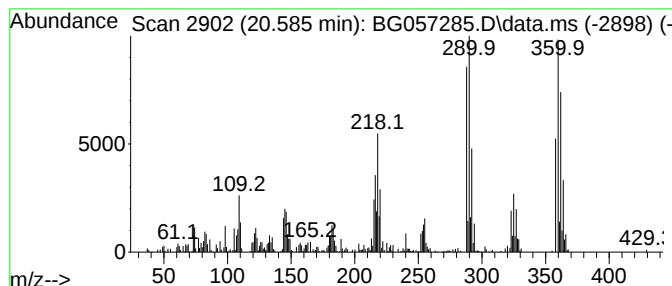
Instrument :
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ClientSampleId :
EW925

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 35 2,2',3,4',5,6'-Hexachloro-1... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.585	13.35 ng/ul	350787	Chrysene-d12	22.054	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
3	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
4	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW925

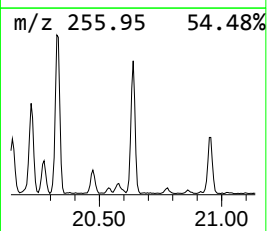
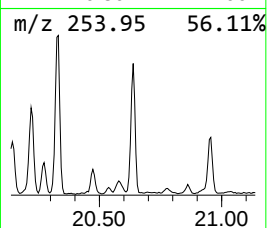
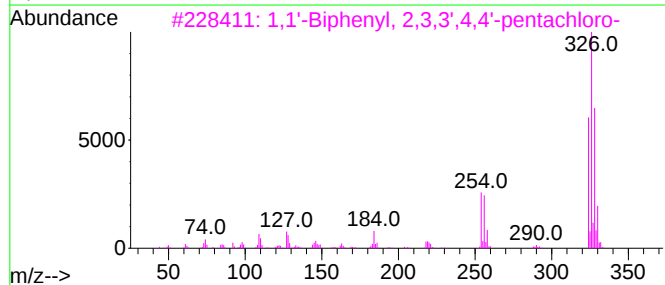
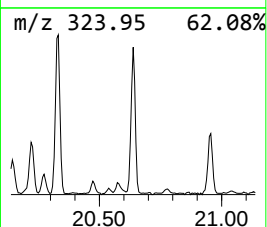
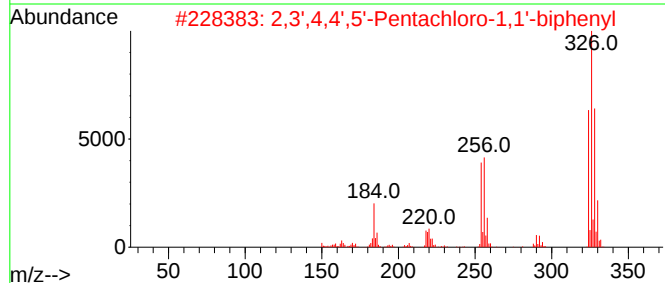
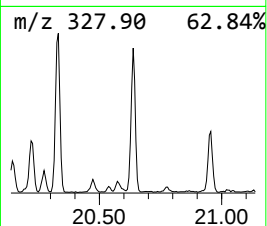
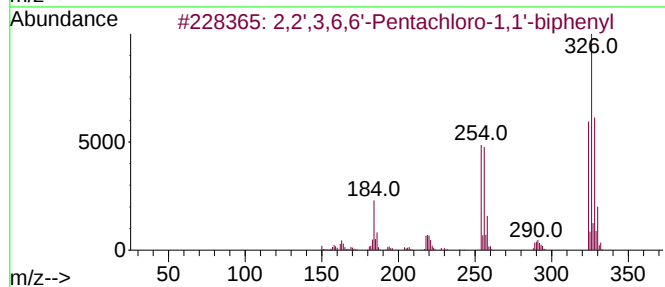
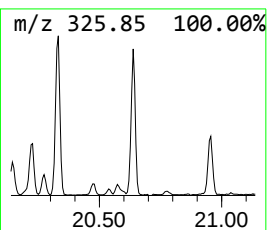
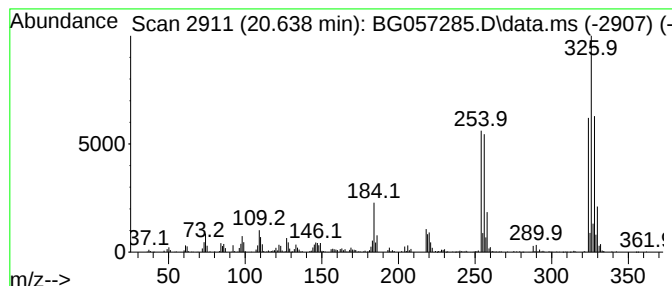
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 2,2',3,6,6'-Pentachloro-1,1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.638	23.60 ng/ul	620205	Chrysene-d12	22.054

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	97		
2	2,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	065510-44-3	97		
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96		
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96		
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW925

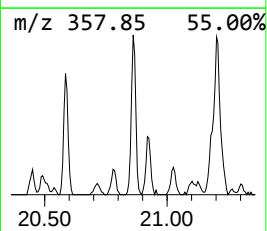
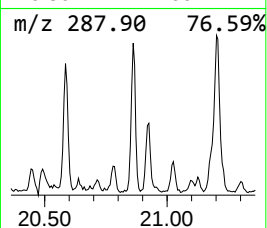
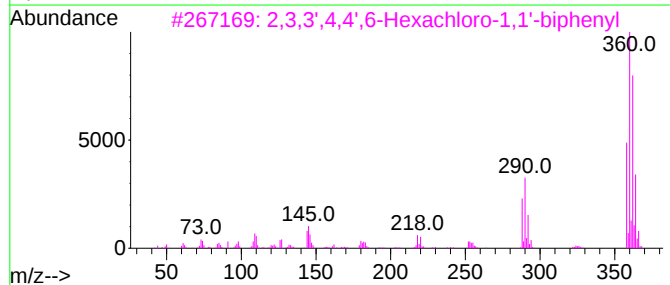
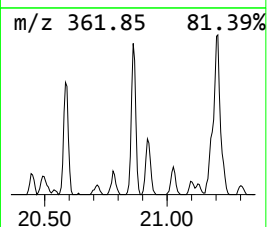
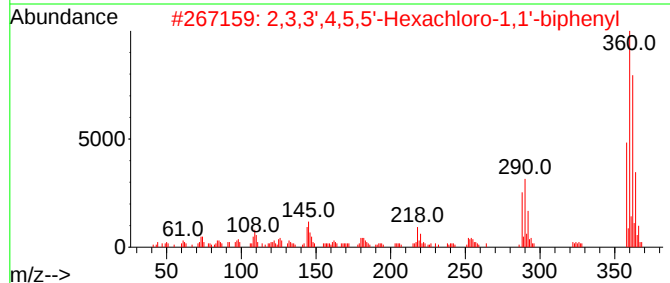
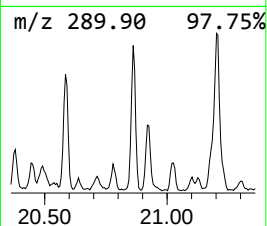
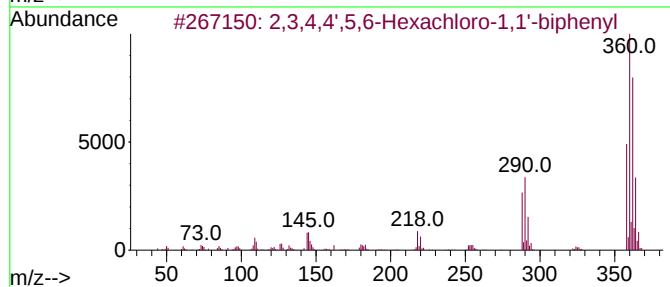
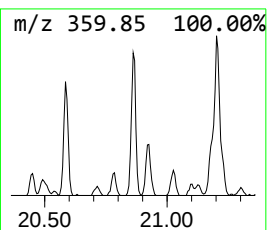
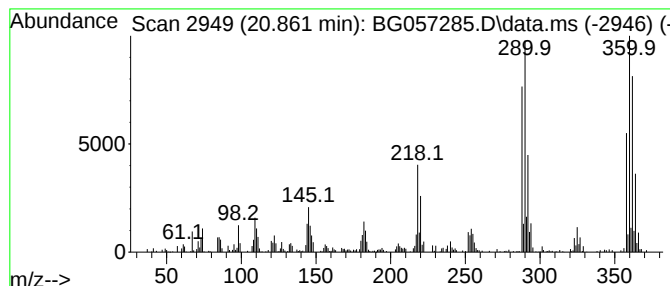
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.861	10.77 ng/ul	283089	Chrysene-d12	22.054

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99		
2	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99		
3	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99		
4	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99		
5	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057285.D
Acq On : 3 May 2023 13:51
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 6 Sample Multiplier: 1

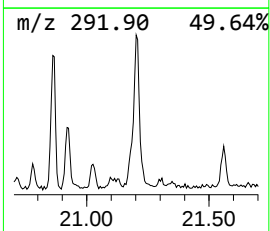
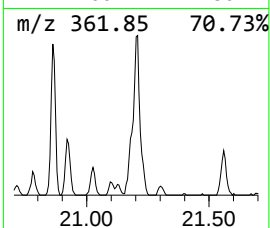
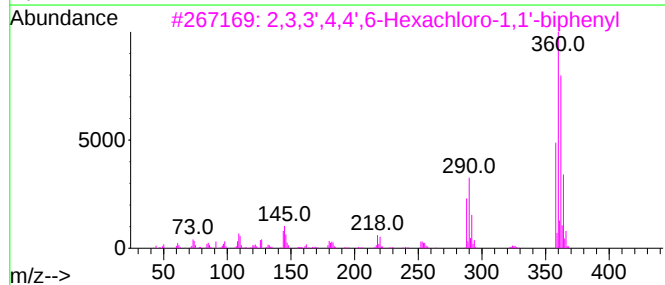
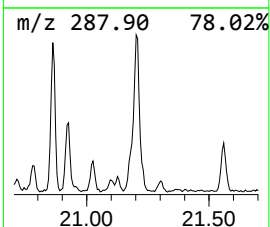
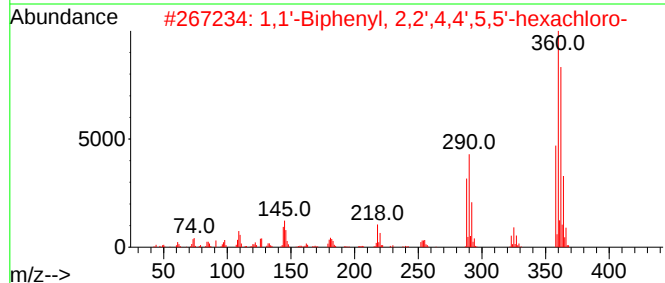
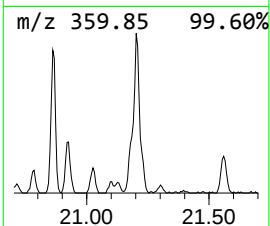
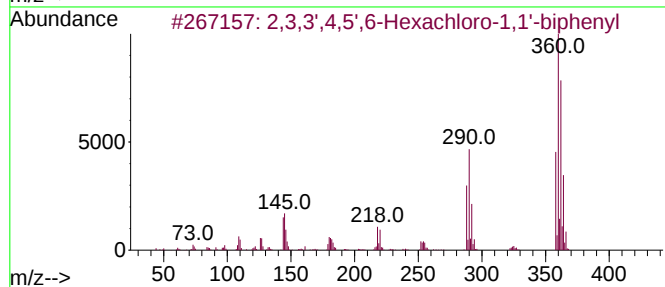
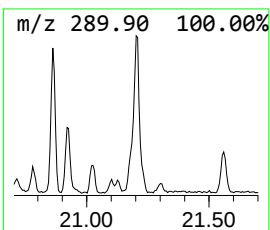
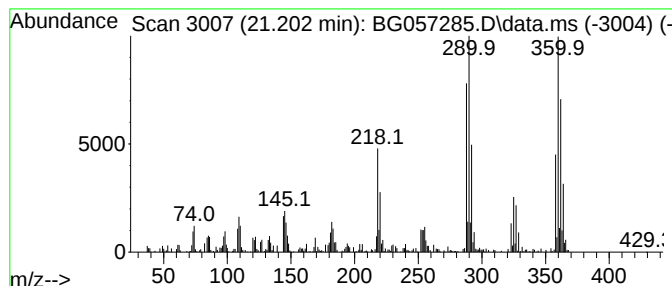
Instrument :
BNA_G
ClientSampleId :
EW925

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 38 2,3,3',4,5',6-Hexachloro-1,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.202	14.12 ng/ul	371099	Chrysene-d12		22.054	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6		074472-43-8	99
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6		035065-27-1	99
3	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6		074472-42-7	99
4	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6		041411-63-6	99
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6		052663-72-6	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057285.D
 Acq On : 3 May 2023 13:51
 Operator : CG/JU
 Sample : 02419-28
 Misc :
 ALS Vial : 6 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\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	15.780	6.2	ng/ul	69357	3	14.987	223079	20.0
(DEL) Alkane: S...	16.185	3.5	ng/ul	38844	3	14.987	223079	20.0
1,1'-Biphenyl, ...	16.226	5.7	ng/ul	63842	3	14.987	223079	20.0
Benzophenone	16.326	7.5	ng/ul	83116	3	14.987	223079	20.0
(DEL) Alkane: S...	16.643	4.9	ng/ul	60072	4	17.730	245146	20.0
unknown-01	16.661	7.1	ng/ul	87550	4	17.730	245146	20.0
1,1'-Biphenyl, ...	16.943	9.5	ng/ul	116642	4	17.730	245146	20.0
1,1'-Biphenyl, ...	17.248	5.9	ng/ul	71820	4	17.730	245146	20.0
(DEL) Alkane: S...	17.430	4.4	ng/ul	53809	4	17.730	245146	20.0
(DEL) Alkane: S...	17.483	6.6	ng/ul	81426	4	17.730	245146	20.0
2,2',3-Trichlor...	17.589	17.7	ng/ul	217166	4	17.730	245146	20.0
1,1'-Biphenyl, ...	17.630	8.6	ng/ul	105286	4	17.730	245146	20.0
1,1'-Biphenyl, ...	18.323	201.4	ng/ul	2468860	4	17.730	245146	20.0
1,1'-Biphenyl, ...	18.441	31.7	ng/ul	388532	4	17.730	245146	20.0
1,1'-Biphenyl, ...	18.564	37.6	ng/ul	461161	4	17.730	245146	20.0
2,3,3',6-Tetrac...	18.776	83.1	ng/ul	1018370	4	17.730	245146	20.0
1,1'-Biphenyl, ...	18.834	53.0	ng/ul	649229	4	17.730	245146	20.0
1,1'-Biphenyl, ...	18.881	26.8	ng/ul	328171	4	17.730	245146	20.0
2,2',4,6'-Tetra...	19.058	71.5	ng/ul	875939	4	17.730	245146	20.0
1,1'-Biphenyl, ...	19.105	20.5	ng/ul	251375	4	17.730	245146	20.0
1,1'-Biphenyl, ...	19.157	32.9	ng/ul	402595	4	17.730	245146	20.0
1,1'-Biphenyl, ...	19.193	17.1	ng/ul	208995	4	17.730	245146	20.0
1,1'-Biphenyl, ...	19.234	41.3	ng/ul	505606	4	17.730	245146	20.0
Biphenyl, 2,4,4...	19.534	29.1	ng/ul	356910	4	17.730	245146	20.0
2,3',4,5-Tetrac...	19.586	68.9	ng/ul	844459	4	17.730	245146	20.0
2,3,3',4-Tetrac...	19.622	90.3	ng/ul	1106430	4	17.730	245146	20.0
1,1'-Biphenyl, ...	19.833	48.8	ng/ul	598323	4	17.730	245146	20.0
2,2',3,4',5-Pen...	19.886	70.0	ng/ul	858245	4	17.730	245146	20.0
1,1'-Biphenyl, ...	19.951	10.2	ng/ul	266839	5	22.054	525506	20.0
1,1'-Biphenyl, ...	20.221	13.0	ng/ul	342341	5	22.054	525506	20.0
2,2',3,4',6-Pen...	20.326	26.5	ng/ul	696967	5	22.054	525506	20.0
2,2',3,4',5,6'-...	20.585	13.4	ng/ul	350787	5	22.054	525506	20.0
2,2',3,6,6'-Pen...	20.638	23.6	ng/ul	620205	5	22.054	525506	20.0
2,3,4,4',5,6-He...	20.861	10.8	ng/ul	283089	5	22.054	525506	20.0
2,3,3',4,5',6-H...	21.202	14.1	ng/ul	371099	5	22.054	525506	20.0