

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057276.D
 Acq On : 2 May 2023 13:02
 Operator : CG/JU
 Sample : 02419-34
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW929

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: BG057276.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.211	111	114	120	rBV4	2884	4311	0.65%	0.053%
2	4.346	133	137	143	rVB3	2329	3084	0.47%	0.038%
3	4.458	153	156	160	rVB2	1119	1696	0.26%	0.021%
4	5.398	313	316	324	rVB3	1561	2471	0.38%	0.030%
5	6.020	417	422	425	rBV3	1598	2210	0.34%	0.027%
6	7.518	671	677	689	rVB3	33472	66740	10.14%	0.815%
7	7.683	698	705	714	rVB	22384	38195	5.80%	0.466%
8	7.906	737	743	750	rVV2	30301	50326	7.65%	0.614%
9	7.971	750	754	760	rVB2	1591	2367	0.36%	0.029%
10	8.323	811	814	818	rVV4	1571	2329	0.35%	0.028%
11	8.382	818	824	834	rVV	56862	95431	14.50%	1.165%
12	9.081	937	943	950	rBV2	28085	50137	7.62%	0.612%
13	9.210	959	965	972	rVB3	13308	22607	3.43%	0.276%
14	9.557	1017	1024	1034	rVV	33066	62101	9.44%	0.758%
15	10.285	1141	1148	1157	rBV2	27344	48770	7.41%	0.595%
16	10.644	1205	1209	1212	rVB2	1520	1790	0.27%	0.022%
17	10.837	1236	1242	1251	rBV	39927	67724	10.29%	0.827%
18	11.102	1284	1287	1290	rBV	1267	1682	0.26%	0.021%
19	11.149	1290	1295	1299	rVB	4541	6922	1.05%	0.084%
20	11.219	1299	1307	1314	rBV	79136	140643	21.37%	1.717%
21	11.348	1321	1329	1337	rBV2	21142	40646	6.18%	0.496%
22	12.183	1468	1471	1476	rVB2	3088	4570	0.69%	0.056%
23	12.570	1531	1537	1541	rBV3	7955	11848	1.80%	0.145%
24	12.647	1547	1550	1555	rVB4	1482	2142	0.33%	0.026%
25	12.782	1570	1573	1579	rVB3	1562	2304	0.35%	0.028%
26	12.846	1579	1584	1585	rBV2	1479	1667	0.25%	0.020%
27	13.070	1617	1622	1625	rVB3	1118	2074	0.32%	0.025%
28	13.363	1667	1672	1674	rBV2	1992	2122	0.32%	0.026%
29	13.452	1682	1687	1689	rVV4	2372	2799	0.43%	0.034%
30	13.504	1691	1696	1704	rVB4	5033	9006	1.37%	0.110%
31	13.780	1739	1743	1750	rVV3	10957	17972	2.73%	0.219%
32	13.851	1750	1755	1760	rVV5	3578	7466	1.13%	0.091%
33	13.904	1760	1764	1770	rVV2	3077	4939	0.75%	0.060%
34	14.168	1805	1809	1811	rBV4	2973	2907	0.44%	0.035%
35	14.380	1837	1845	1850	rBV	79277	119129	18.10%	1.454%
36	14.433	1850	1854	1859	rVB6	8592	13749	2.09%	0.168%

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37	14.550	1872	1874	1877	rVB3	2442	2182	0.33%	0.027%
38	14.591	1877	1881	1885	rBV3	3806	5774	0.88%	0.070%
39	14.691	1892	1898	1908	rBV	89936	143708	21.83%	1.754%
40	14.838	1916	1923	1928	rVV	11842	17583	2.67%	0.215%

41	14.996	1941	1950	1956	rVB2	126559	202768	30.81%	2.475%
42	15.049	1956	1959	1961	rBV3	1916	2676	0.41%	0.033%
43	15.190	1977	1983	1988	rBV2	14184	28138	4.28%	0.343%
44	15.337	2004	2008	2012	rBV5	2951	4166	0.63%	0.051%
45	15.384	2012	2016	2022	rVB6	5080	7971	1.21%	0.097%

46	15.455	2024	2028	2030	rBV3	3919	4372	0.66%	0.053%
47	15.525	2037	2040	2047	rVB6	2787	4945	0.75%	0.060%
48	15.654	2057	2062	2064	rBV6	2496	2968	0.45%	0.036%
49	15.784	2079	2084	2088	rVB3	14103	21607	3.28%	0.264%
50	15.977	2111	2117	2123	rBV	116261	177926	27.03%	2.172%

51	16.101	2132	2138	2142	rBV4	11531	17912	2.72%	0.219%
52	16.189	2146	2153	2156	rBV	14282	23588	3.58%	0.288%
53	16.230	2156	2160	2164	rVB2	13285	17676	2.69%	0.216%
54	16.330	2172	2177	2182	rVB	42491	59613	9.06%	0.728%
55	16.412	2188	2191	2192	rBV3	3653	3022	0.46%	0.037%

56	16.471	2198	2201	2203	rBV4	3893	4560	0.69%	0.056%
57	16.665	2226	2234	2241	rBV3	32203	72965	11.09%	0.891%
58	16.718	2241	2243	2245	rVB3	3798	2948	0.45%	0.036%
59	16.759	2248	2250	2251	rBV2	3678	1827	0.28%	0.022%
60	16.835	2258	2263	2266	rBV6	6750	8948	1.36%	0.109%

61	16.947	2278	2282	2286	rBV	21114	28882	4.39%	0.353%
62	17.082	2303	2305	2308	rBV4	2993	3222	0.49%	0.039%
63	17.252	2329	2334	2338	rBV3	23149	34713	5.27%	0.424%
64	17.434	2361	2365	2370	rBV3	17987	30343	4.61%	0.370%
65	17.487	2370	2374	2378	rVB	22089	31958	4.86%	0.390%

66	17.593	2388	2392	2396	rBV	50996	75568	11.48%	0.922%
67	17.634	2396	2399	2405	rVB	29435	40170	6.10%	0.490%
68	17.705	2407	2411	2412	rVV	52248	61775	9.39%	0.754%
69	17.734	2412	2416	2421	rVV	159405	254445	38.66%	3.106%
70	17.775	2421	2423	2427	rVV	28136	35257	5.36%	0.430%

71	17.834	2428	2433	2438	rVV2	111581	175233	26.62%	2.139%
72	17.893	2438	2443	2452	rVB	95581	153450	23.31%	1.873%
73	18.169	2486	2490	2493	rBV3	44027	60834	9.24%	0.743%
74	18.321	2508	2516	2524	rBV	288184	658195	100.00%	8.034%
75	18.445	2531	2537	2543	rBV3	61116	117916	17.92%	1.439%

76	18.568	2554	2558	2563	rBV2	95101	136998	20.81%	1.672%
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77	18.621	2564	2567	2570	rVB2	29042	35638	5.41%	0.435%
78	18.774	2589	2593	2599	rBV	191753	283468	43.07%	3.460%
79	18.838	2600	2604	2608	rVV2	120043	171892	26.12%	2.098%
80	18.879	2608	2611	2615	rVB	74371	91151	13.85%	1.113%
81	19.056	2637	2641	2646	rBV	155367	236296	35.90%	2.884%
82	19.103	2647	2649	2653	rVV	49451	61690	9.37%	0.753%
83	19.161	2655	2659	2662	rVV	73985	100328	15.24%	1.225%
84	19.197	2662	2665	2667	rVV2	47359	56057	8.52%	0.684%
85	19.232	2667	2671	2676	rVB	105658	133664	20.31%	1.632%
86	19.532	2719	2722	2726	rBV	69698	83873	12.74%	1.024%
87	19.584	2726	2731	2733	rVV	169967	228661	34.74%	2.791%
88	19.614	2733	2736	2743	rVB3	164668	299020	45.43%	3.650%
89	19.766	2758	2762	2766	rBV	63046	80646	12.25%	0.984%
90	19.831	2770	2773	2778	rVV	66914	126574	19.23%	1.545%
91	19.884	2778	2782	2789	rVB	192263	251967	38.28%	3.076%
92	19.949	2789	2793	2798	rBV2	66857	91446	13.89%	1.116%
93	20.101	2815	2819	2832	rVV3	164787	450263	68.41%	5.496%
94	20.225	2836	2840	2844	rVB3	74957	100023	15.20%	1.221%
95	20.325	2854	2857	2862	rVB	141115	181843	27.63%	2.220%
96	20.636	2906	2910	2915	rVB	127713	165480	25.14%	2.020%
97	20.859	2945	2948	2952	rVB2	70940	86295	13.11%	1.053%
98	21.311	3020	3025	3030	rVB	307590	424744	64.53%	5.184%
99	21.875	3116	3121	3130	rVB	368708	536132	81.45%	6.544%
100	22.046	3144	3150	3156	rVB2	117118	259823	39.48%	3.171%

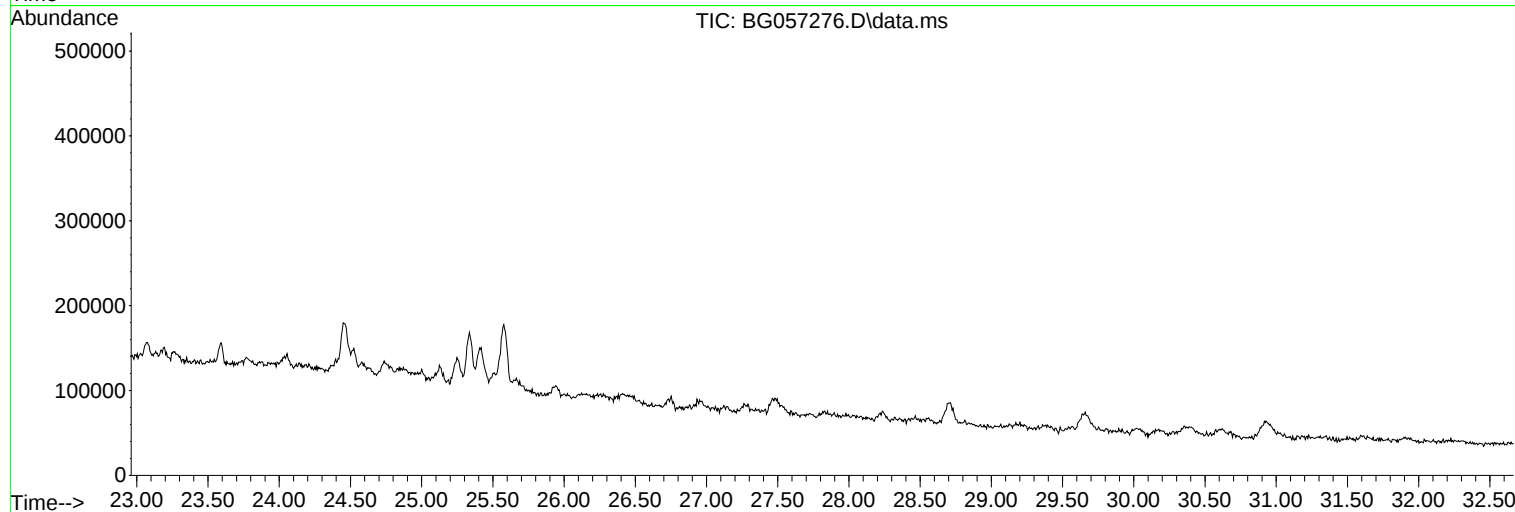
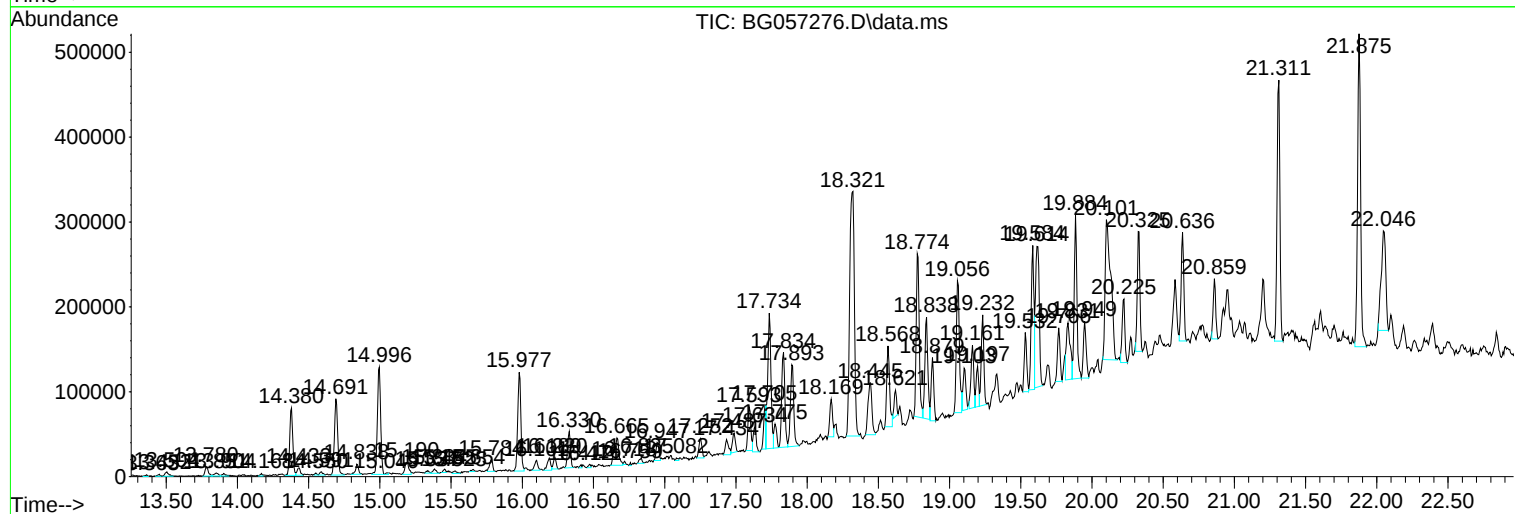
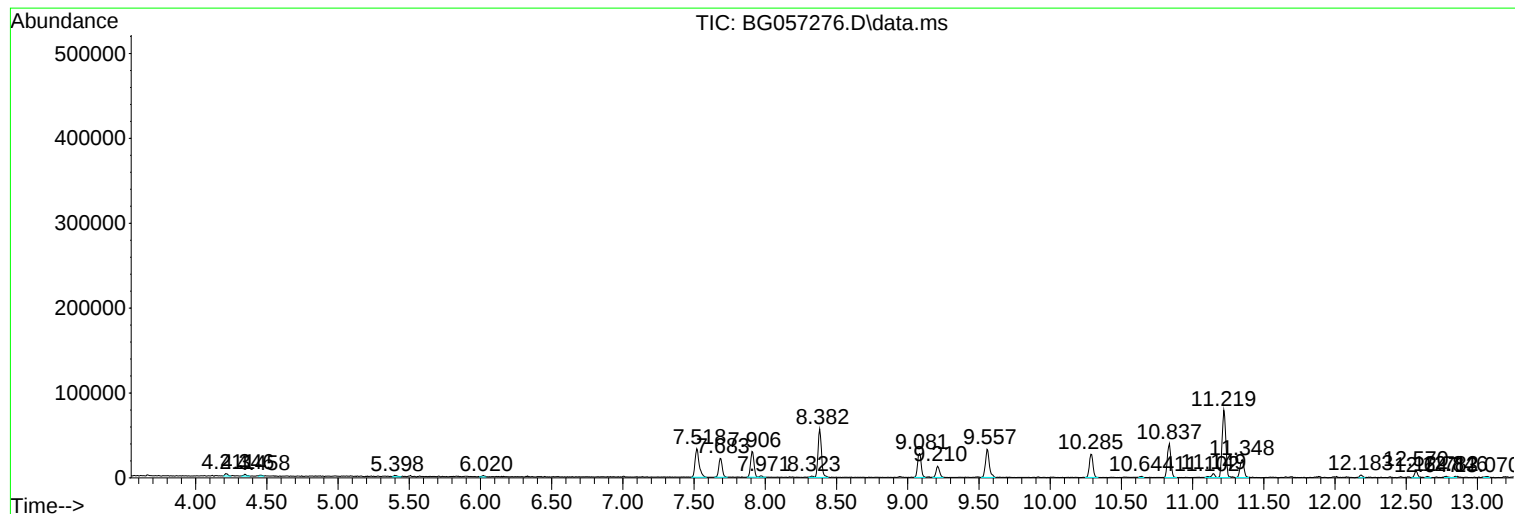
Sum of corrected areas: 8192652

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

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



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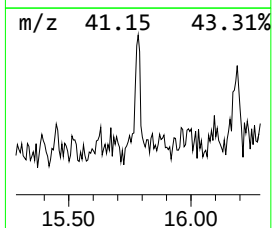
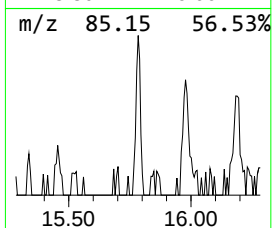
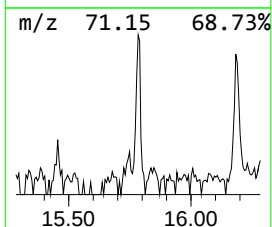
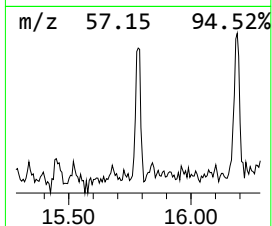
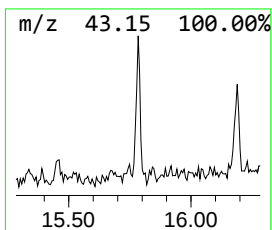
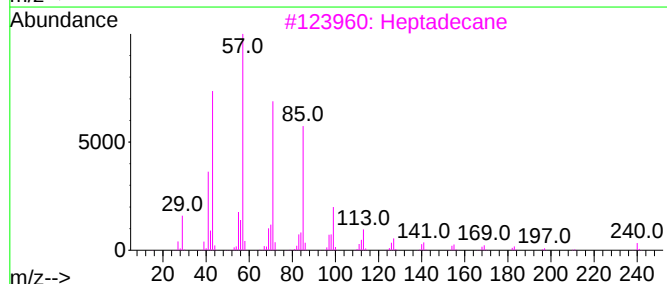
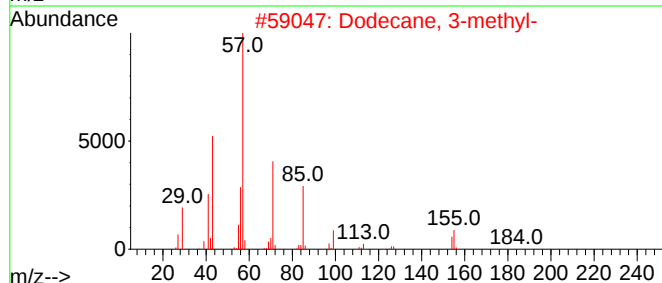
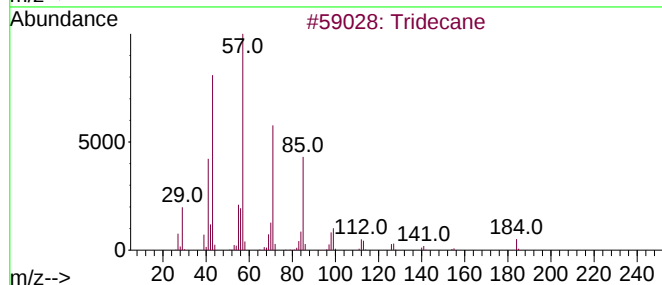
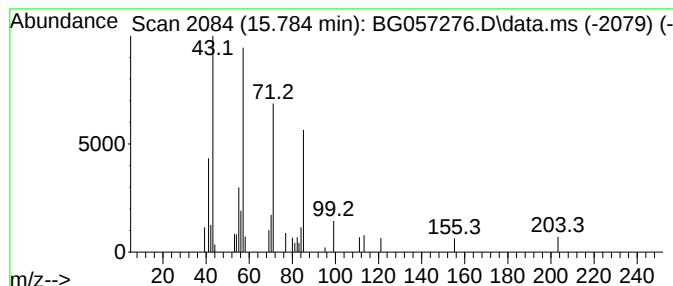
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.784	2.13 ng/ul	21607	Acenaphthene-d10	14.996

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	86
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
3			Heptadecane	240	C17H36	000629-78-7	72
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5			Tetradecane	198	C14H30	000629-59-4	64



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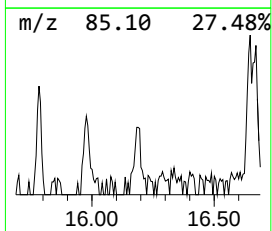
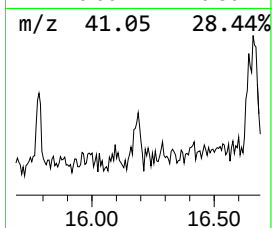
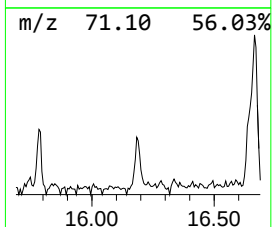
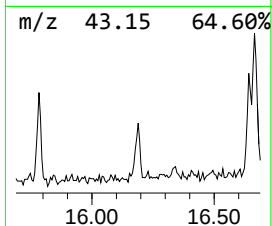
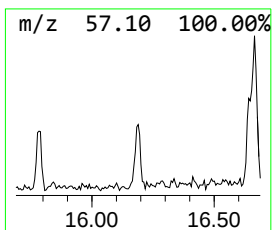
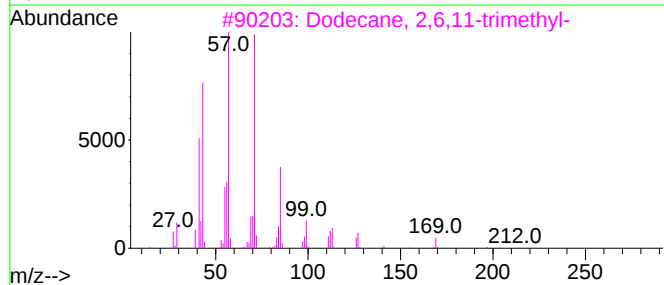
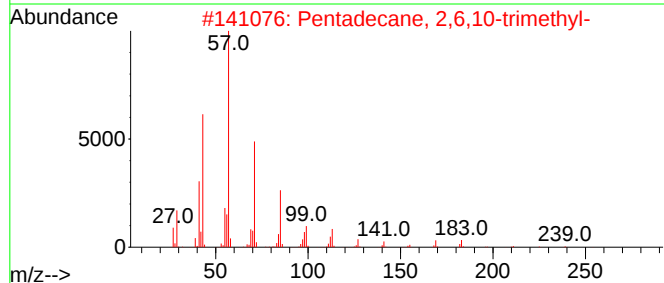
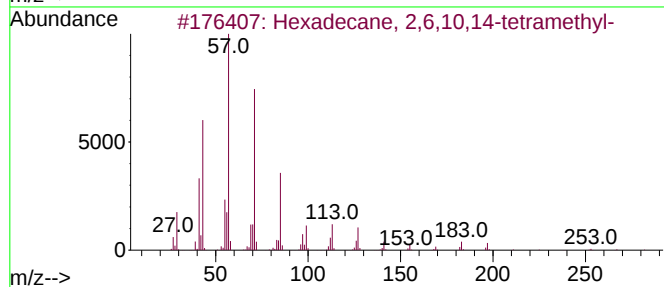
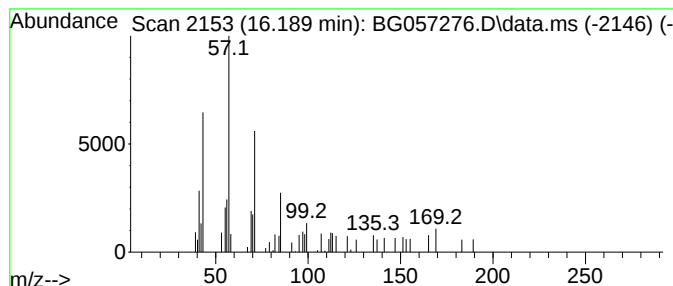
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.189	2.33 ng/ul	23588	Acenaphthene-d10	14.996	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5	Hexacosane	366	C26H54	000630-01-3	59



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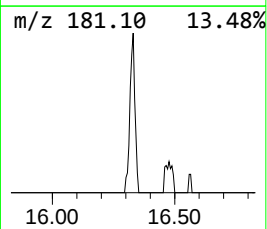
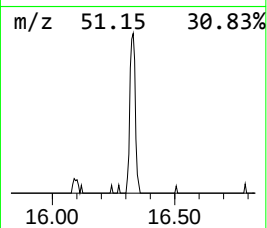
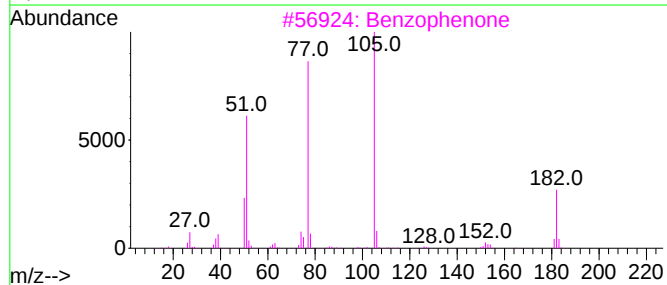
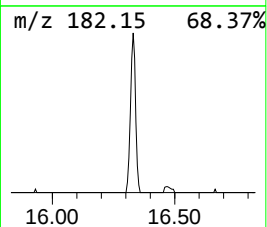
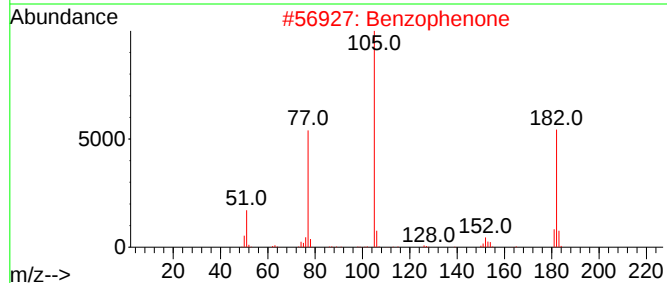
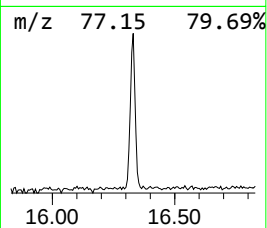
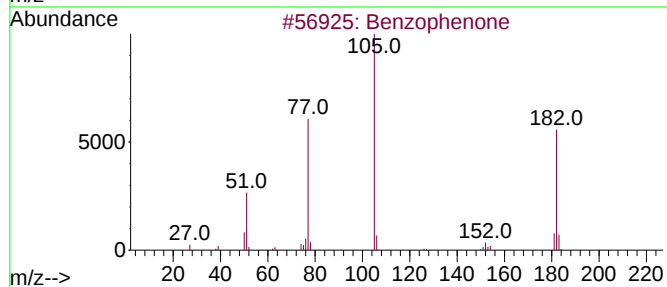
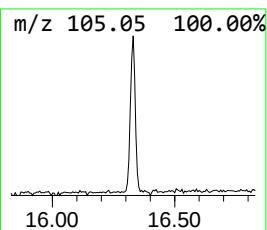
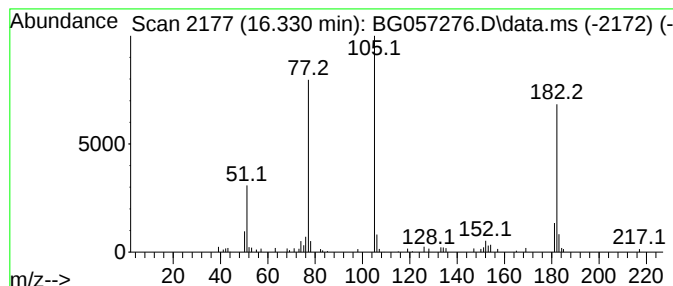
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.330	5.88 ng/ul	59613	Acenaphthene-d10	14.996

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzophenone	182	C13H10O	000119-61-9	95
3			Benzophenone	182	C13H10O	000119-61-9	89
4			Benzophenone	182	C13H10O	000119-61-9	76
5			Benzophenone	182	C13H10O	000119-61-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

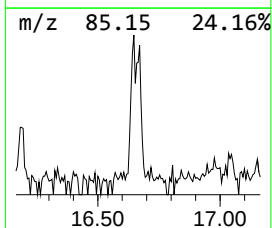
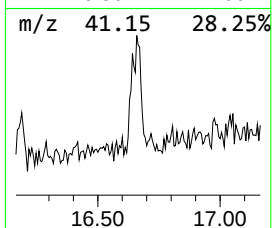
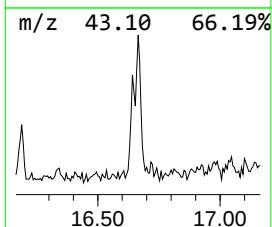
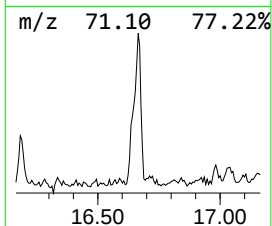
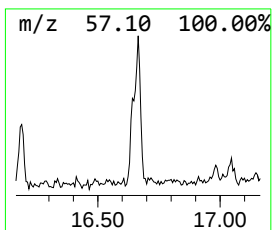
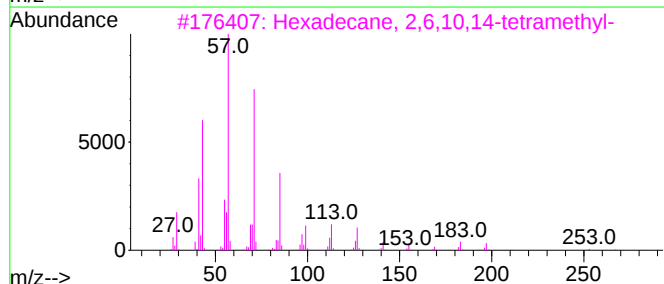
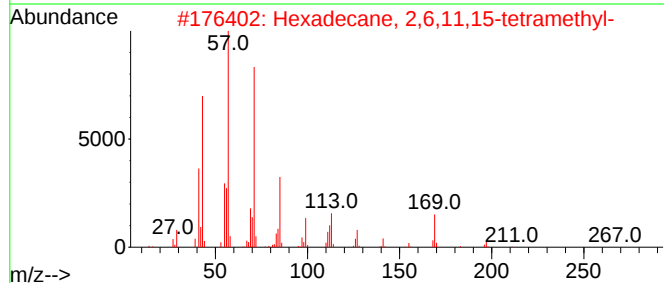
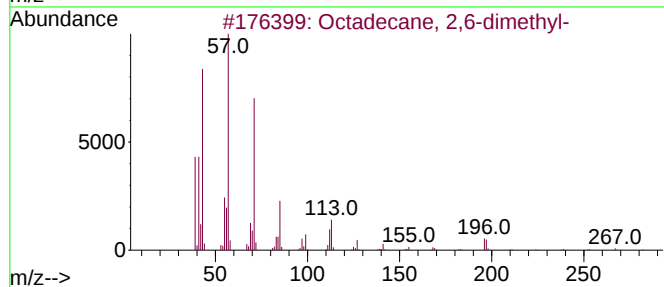
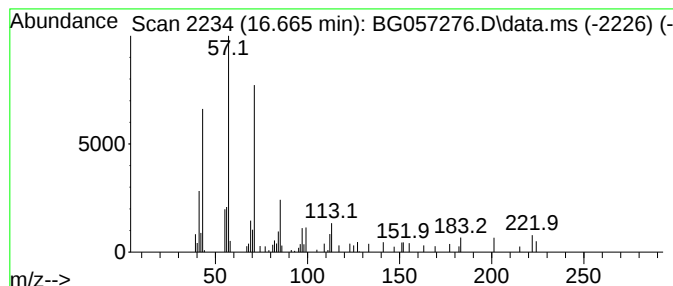
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.665	5.74 ng/ul	72965	Phenanthrene-d10			17.734
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-		282	C20H42	075163-97-2	78
2	Hexadecane, 2,6,11,15-tetramethyl-		282	C20H42	000504-44-9	78
3	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	72
4	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	64
5	Sulfurous acid, 2-ethylhexyl non...		320	C17H36O3S	1010309-19-2	64



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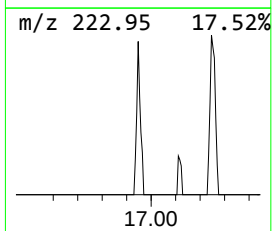
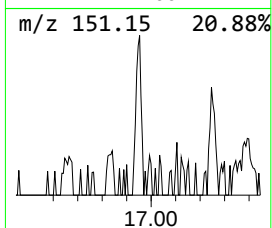
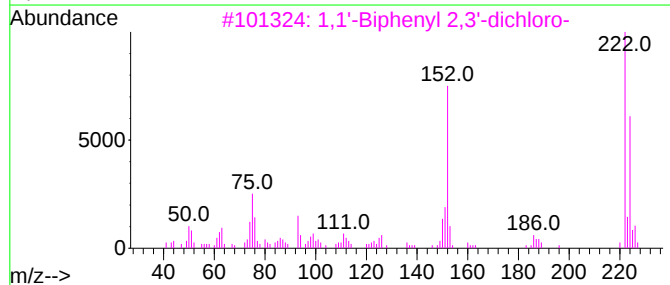
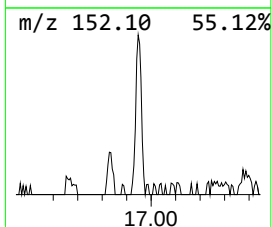
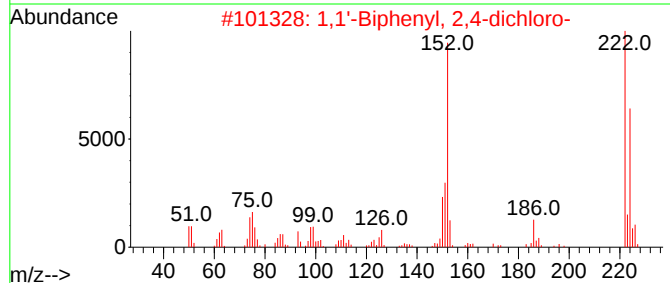
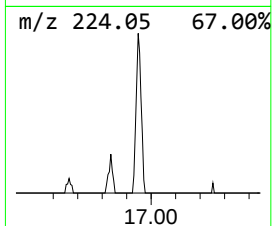
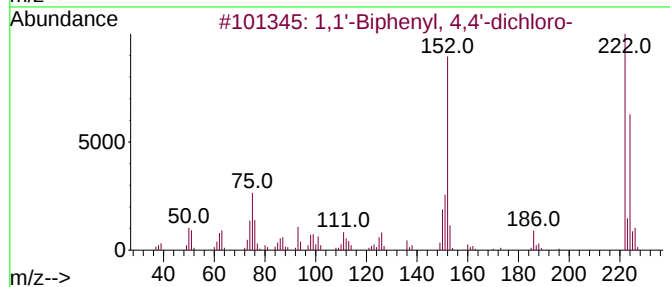
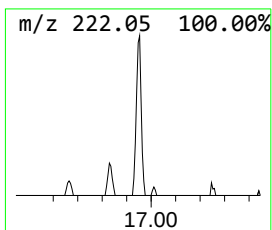
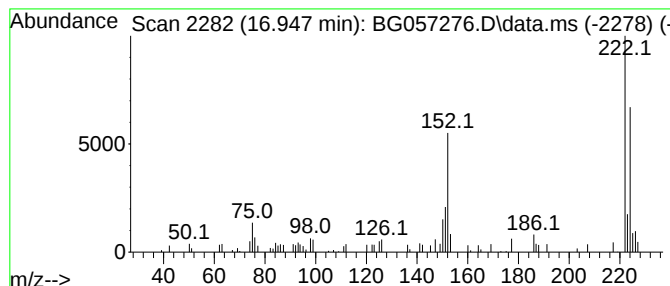
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 4,4'-dichloro- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.947	2.27 ng/ul	28882	Phenanthrene-d10		17.734	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4,4'-dichloro-		222	C12H8Cl2	002050-68-2	97
2	1,1'-Biphenyl, 2,4-dichloro-		222	C12H8Cl2	033284-50-3	96
3	1,1'-Biphenyl 2,3'-dichloro-		222	C12H8Cl2	025569-80-6	95
4	1,1'-Biphenyl, 2,4-dichloro-		222	C12H8Cl2	033284-50-3	95
5	1,1'-Biphenyl, 3,3'-dichloro-		222	C12H8Cl2	002050-67-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
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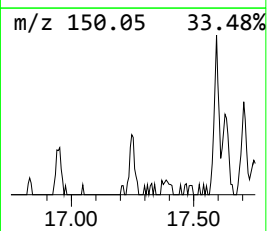
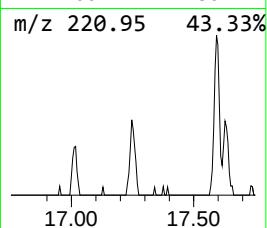
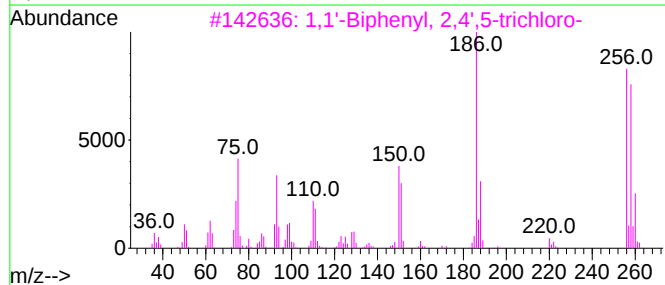
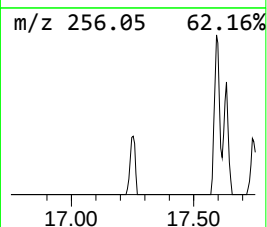
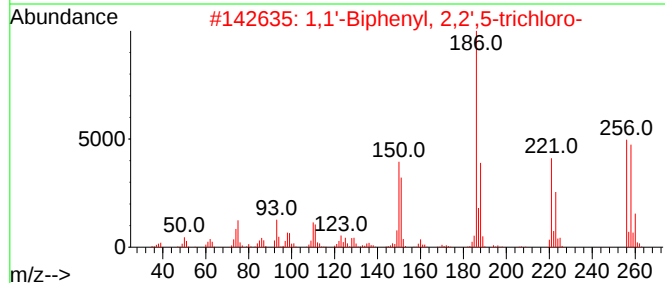
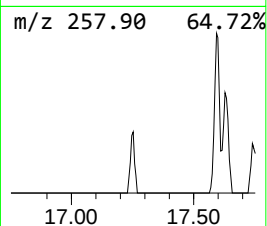
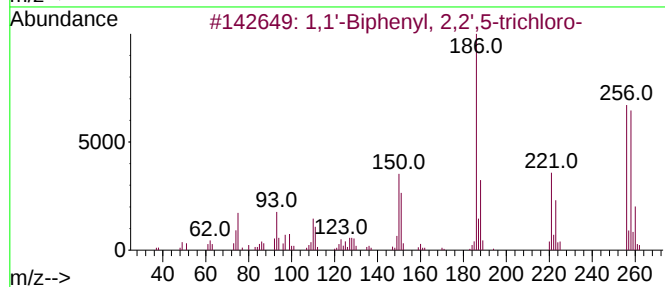
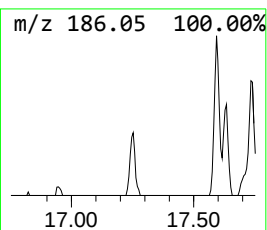
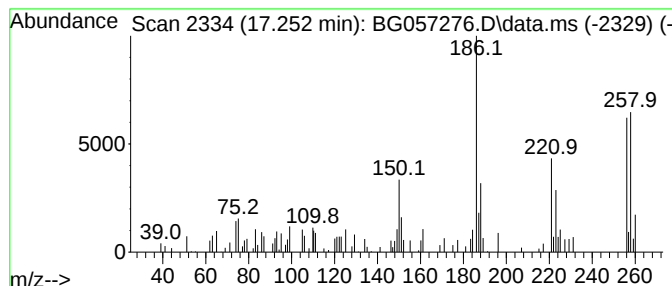
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.252	2.73 ng/ul	34713	Phenanthrene-d10	17.734

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	93	
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	87	
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	58	
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	55	
5	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	50	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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Acq On : 2 May 2023 13:02
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Sample : 02419-34
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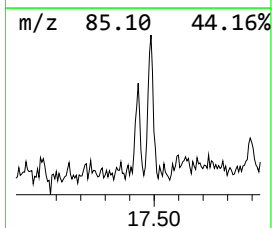
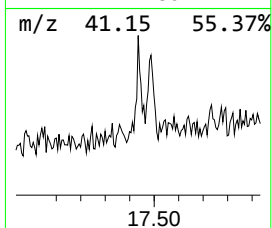
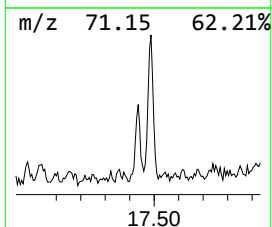
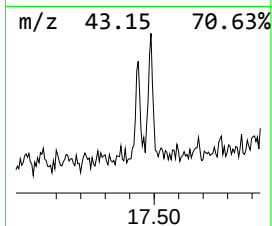
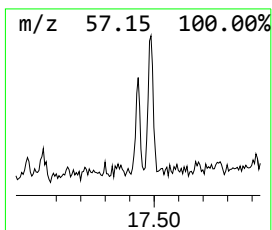
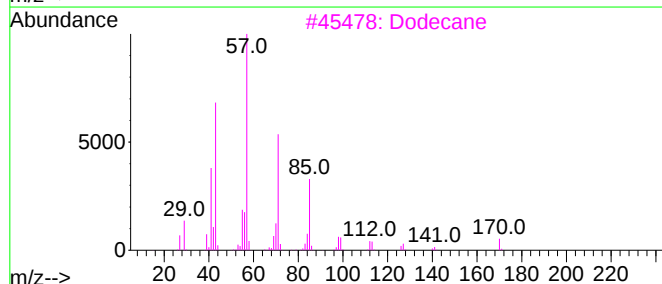
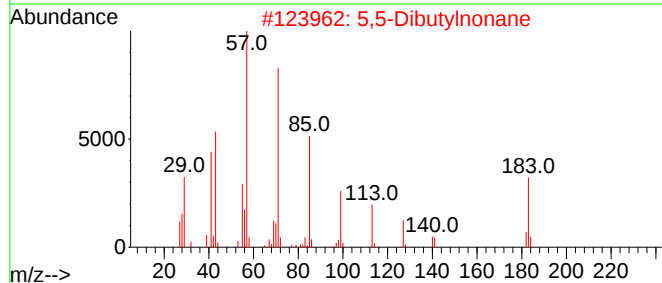
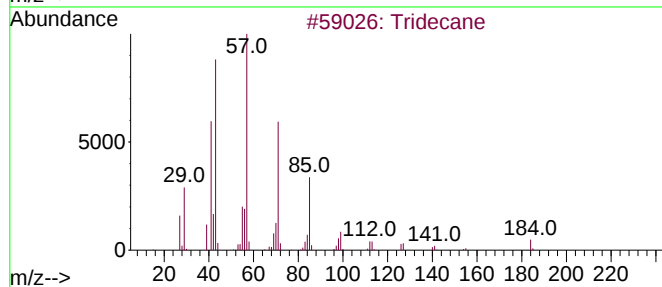
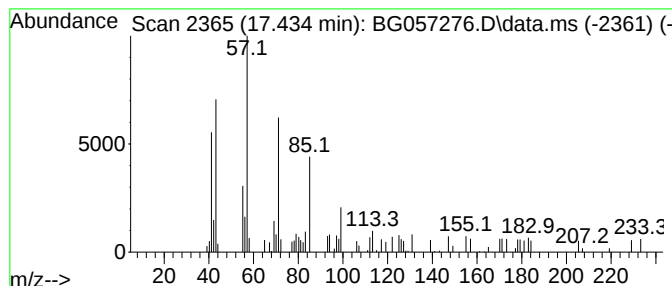
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.434	2.39 ng/ul	30343	Phenanthrene-d10		17.734	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	72
2	5,5-Dibutylnonane		240	C17H36	006008-17-9	72
3	Dodecane		170	C12H26	000112-40-3	68
4	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	64
5	Heptacosane		380	C27H56	000593-49-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
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Sample : 02419-34
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Instrument :
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ClientSampleId :
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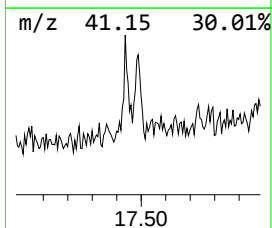
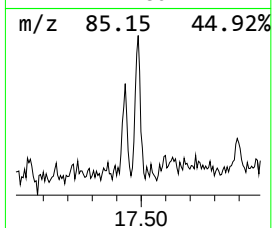
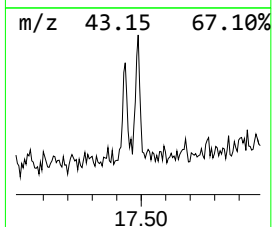
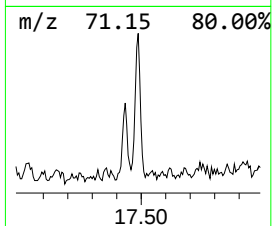
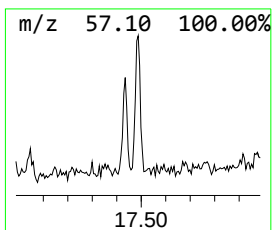
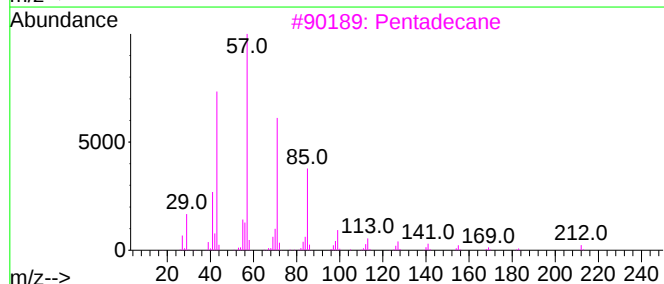
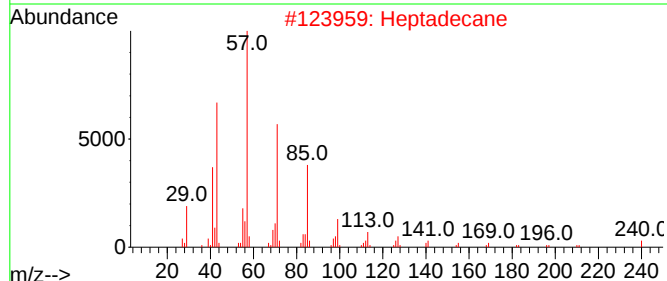
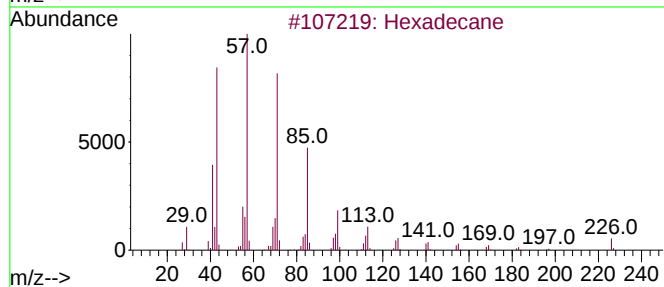
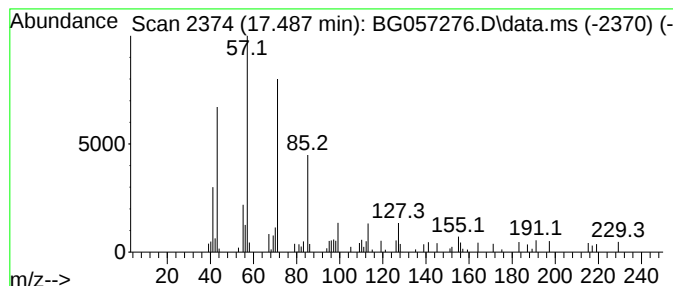
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.487	2.51 ng/ul	31958	Phenanthrene-d10	17.734

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	83
2			Heptadecane	240	C17H36	000629-78-7	80
3			Pentadecane	212	C15H32	000629-62-9	72
4			Tetracosane	338	C24H50	000646-31-1	72
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
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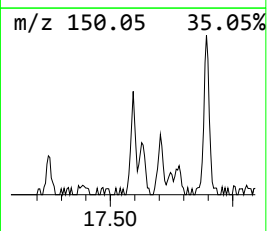
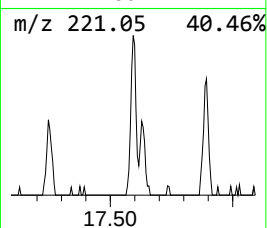
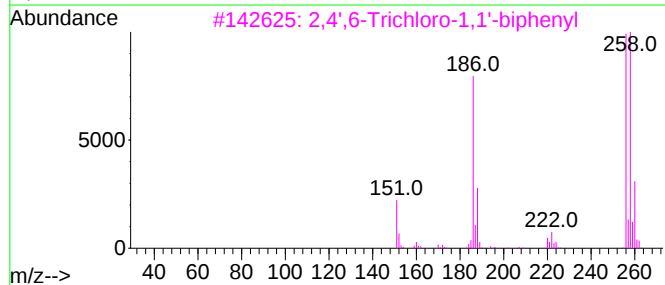
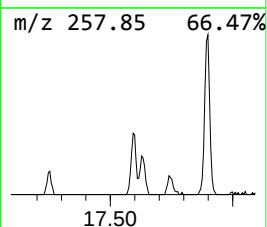
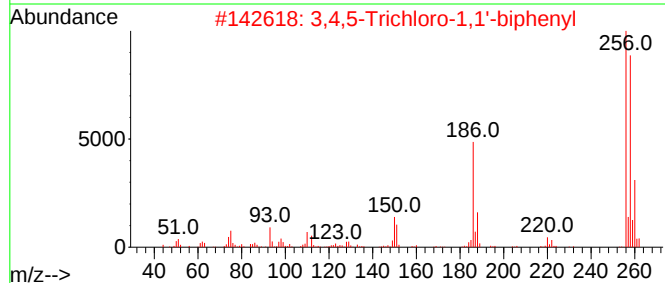
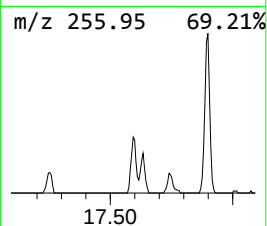
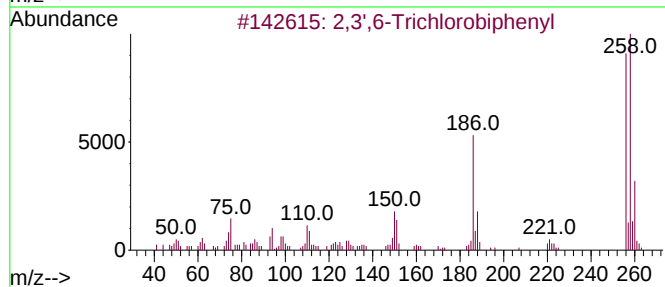
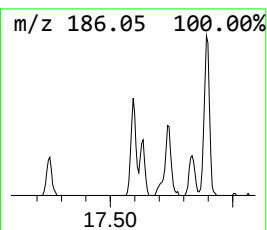
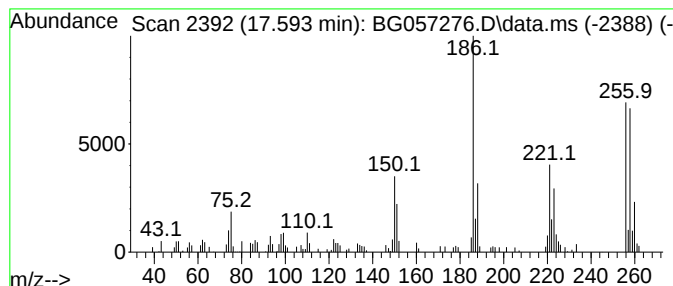
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 2,3',6-Trichlorobiphenyl Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.593	5.94 ng/ul	75568	Phenanthrene-d10	17.734

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',6-Trichlorobiphenyl	256	C12H7Cl3	038444-76-7	97		
2	3,4,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	053555-66-1	97		
3	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	97		
4	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	96		
5	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
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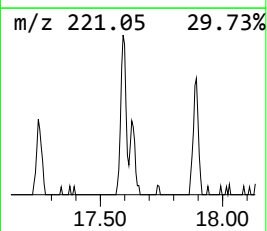
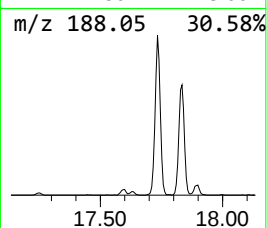
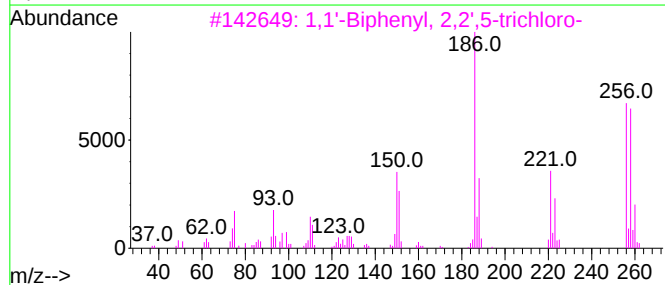
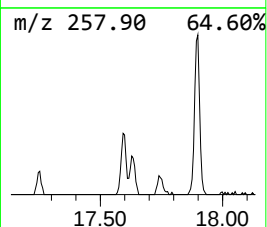
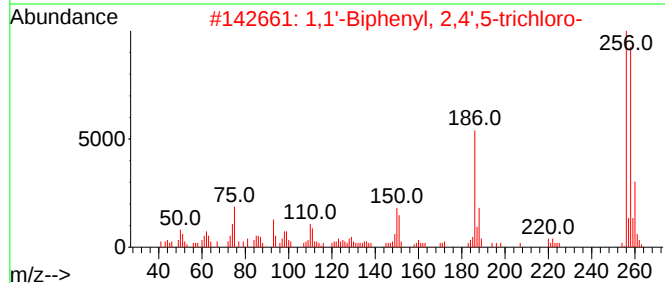
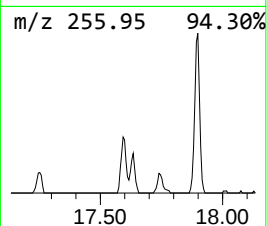
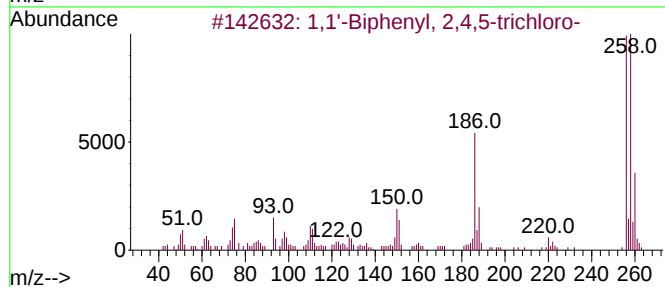
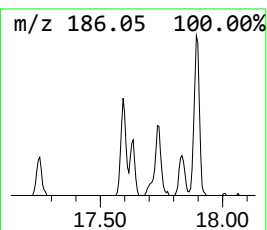
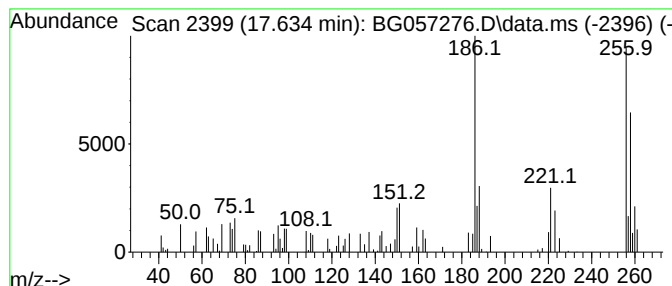
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,4,5-trichl... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.634	3.16 ng/ul	40170	Phenanthrene-d10	17.734

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	93		
2	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	93		
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	93		
4	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	91		
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	89		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW929

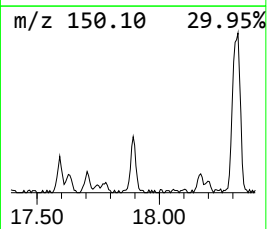
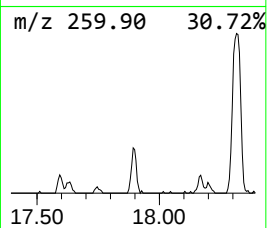
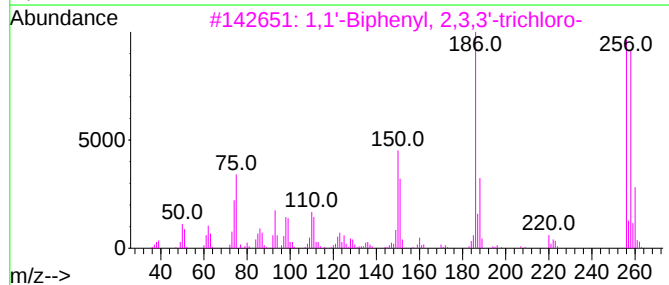
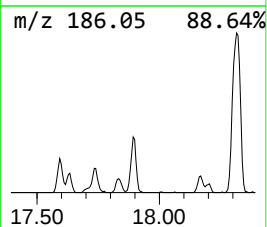
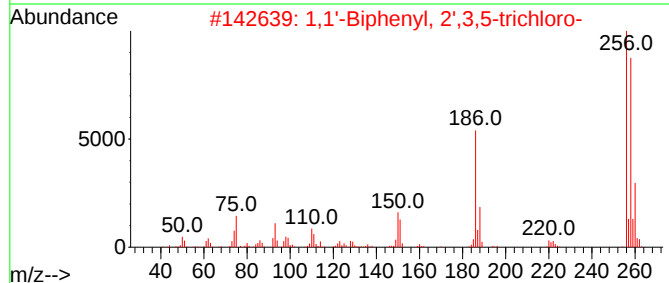
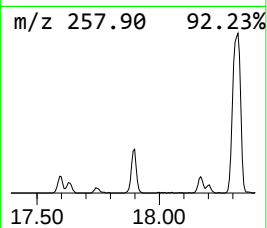
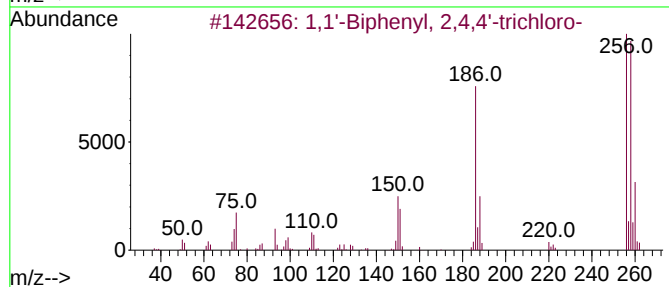
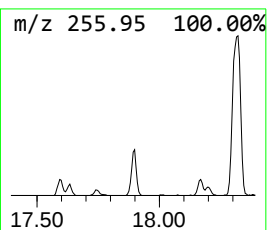
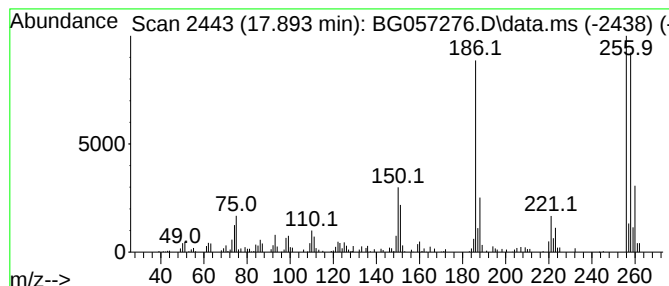
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	12.06 ng/ul	153450	Phenanthrene-d10	17.734

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99		
2	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99		
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99		
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99		
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW929

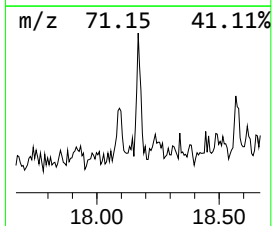
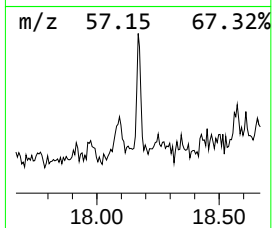
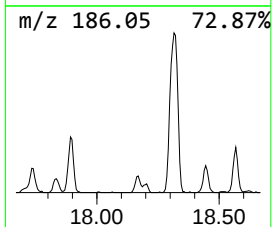
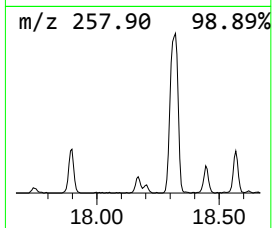
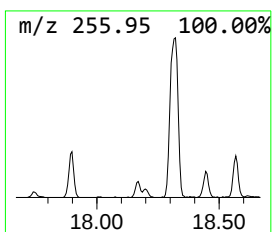
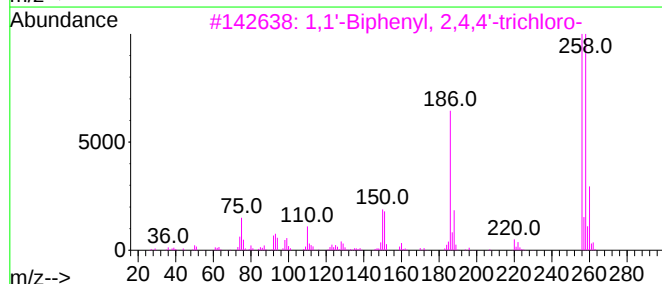
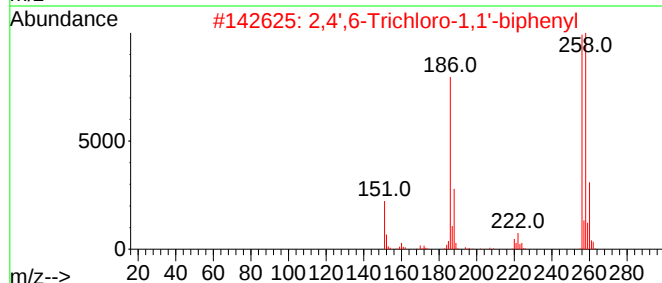
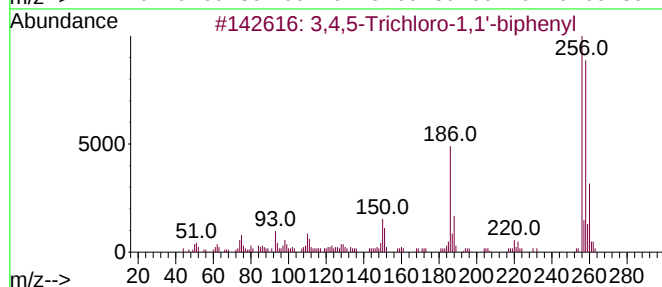
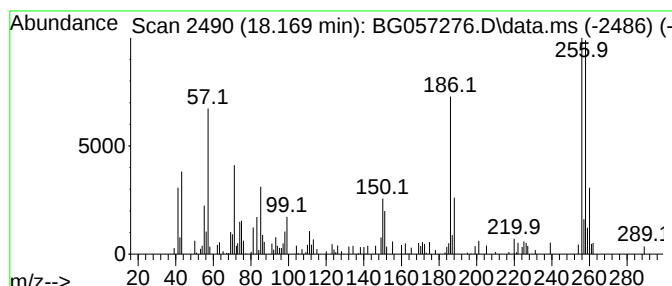
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 12 3,4,5-Trichloro-1,1'-biphenyl Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.169	4.78 ng/ul	60834	Phenanthrene-d10	17.734	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	053555-66-1	97
2	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	96
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	95
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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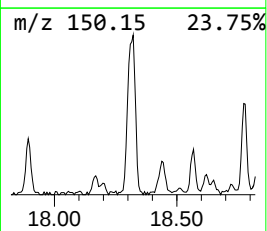
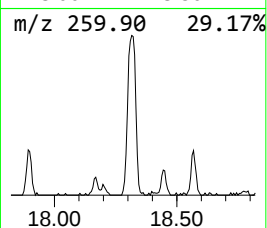
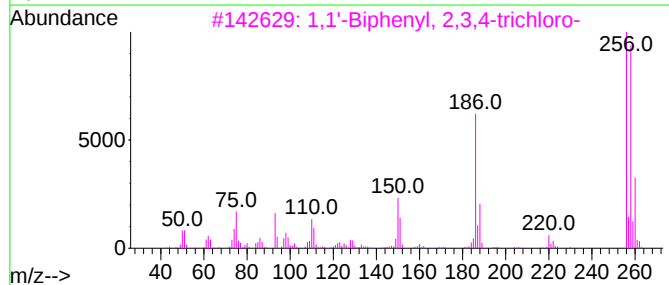
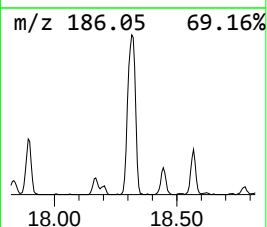
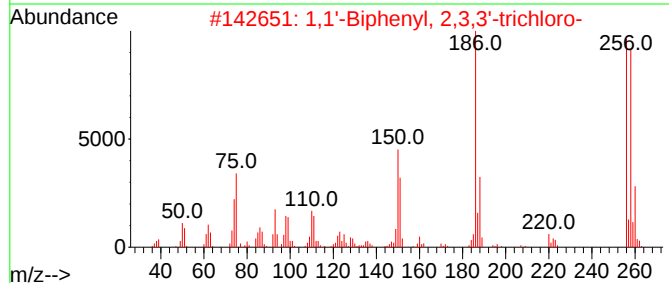
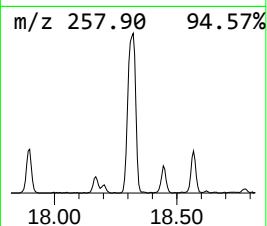
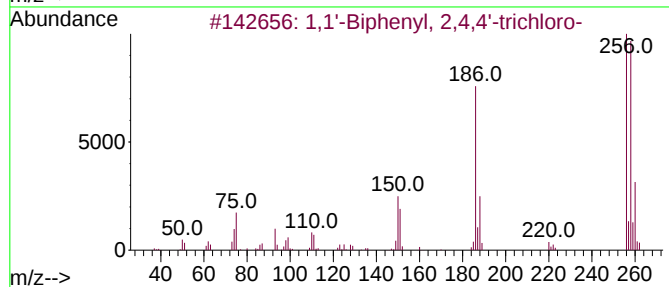
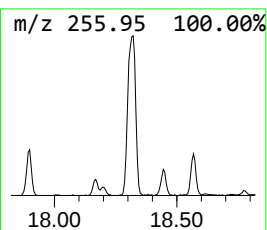
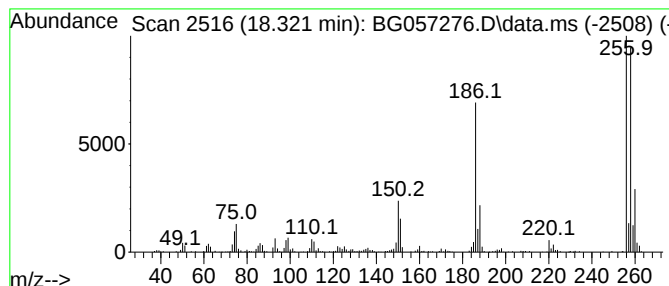
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.321	51.74 ng/ul	658195	Phenanthrene-d10	17.734

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	99		
4	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99		
5	1,1'-Biphenyl, 2,3,5-trichloro-	256	C12H7Cl3	038444-81-4	98		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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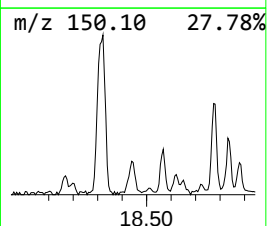
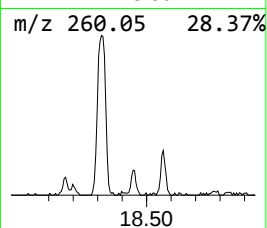
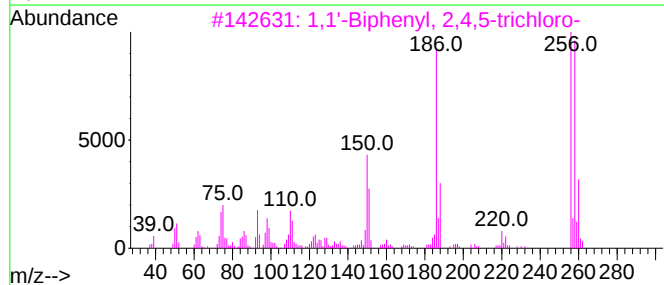
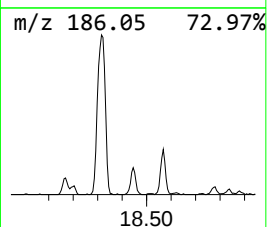
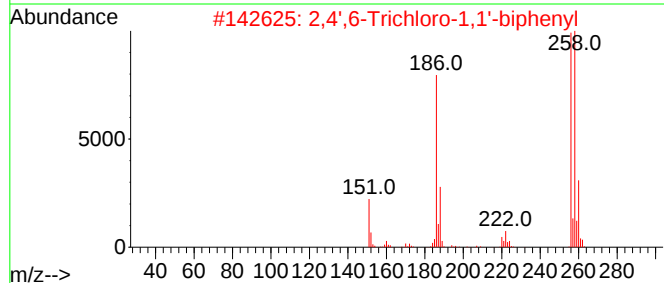
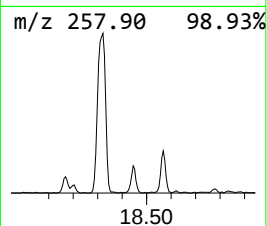
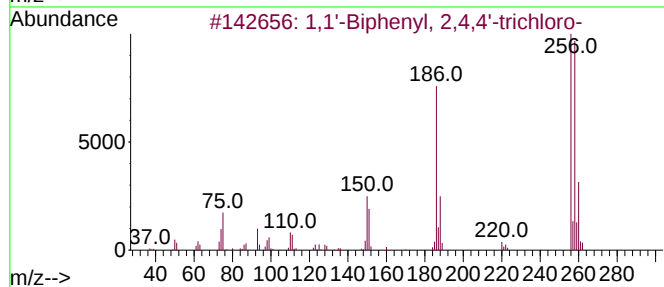
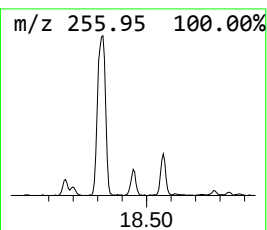
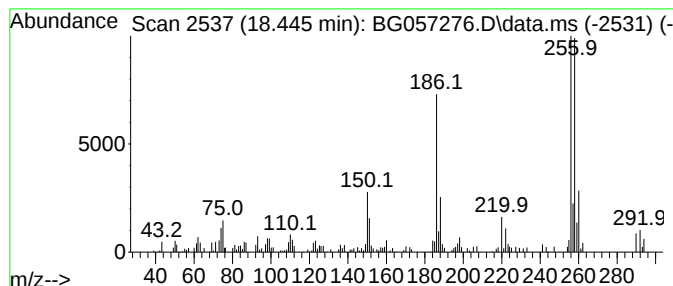
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 2,4',6-Trichloro-1,1'-biphenyl Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	9.27 ng/ul	117916	Phenanthrene-d10	17.734

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	94		
2	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	94		
3	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	93		
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	93		
5	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	93		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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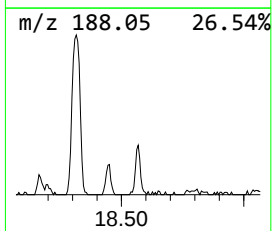
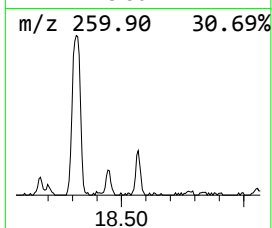
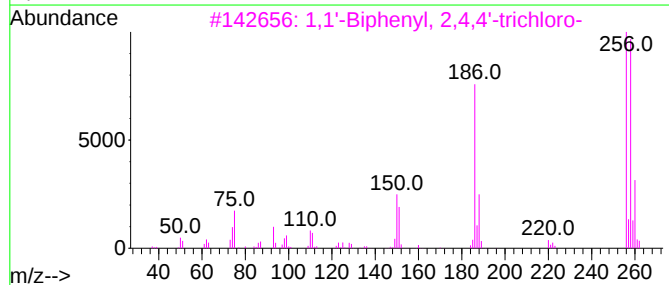
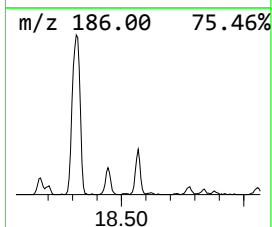
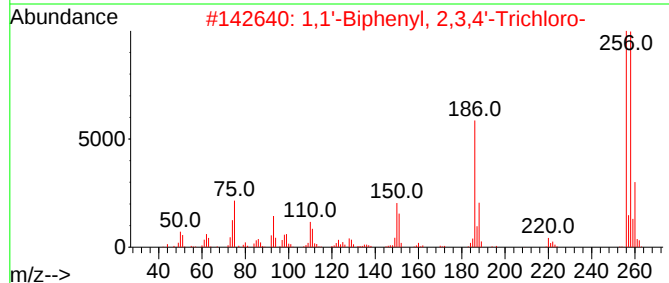
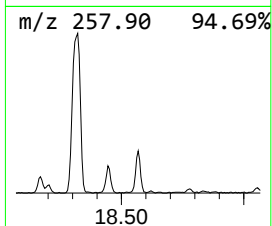
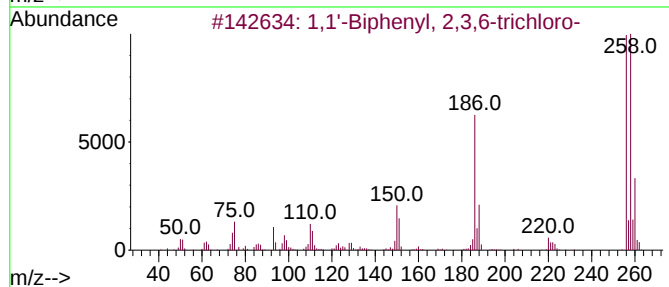
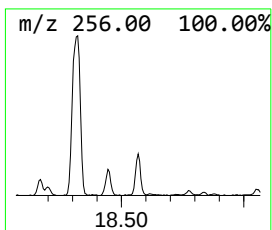
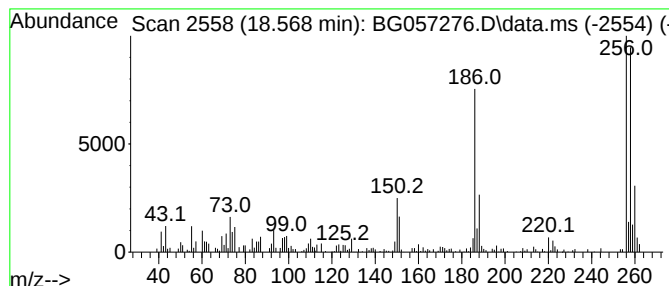
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.568	10.77 ng/ul	136998	Phenanthrene-d10	17.734

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	96		
2	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	96		
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96		
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	96		
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
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Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

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ClientSampleId :
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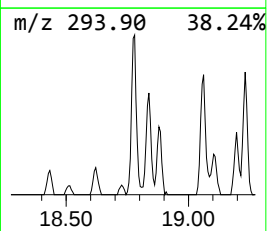
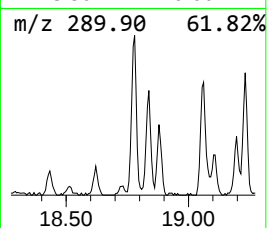
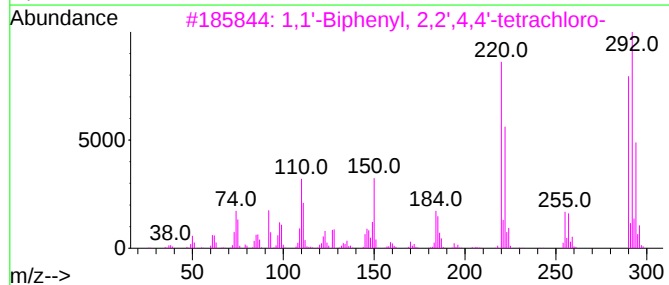
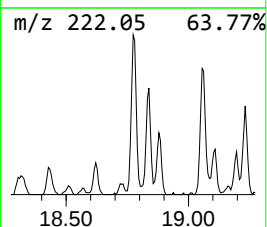
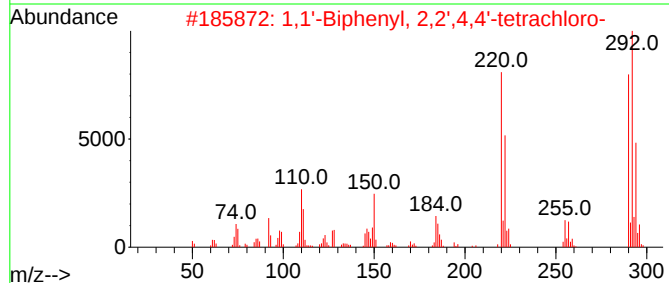
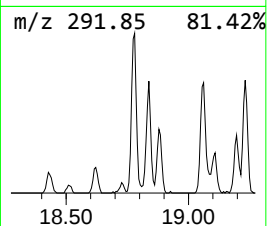
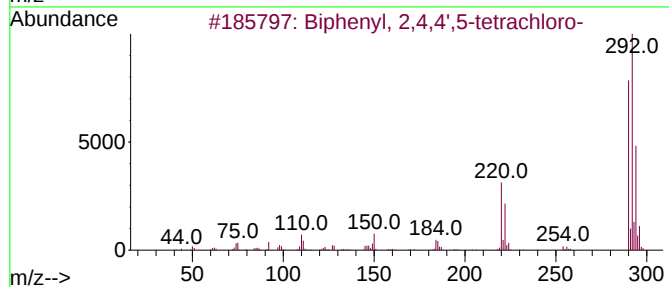
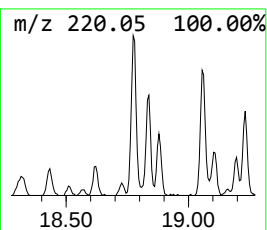
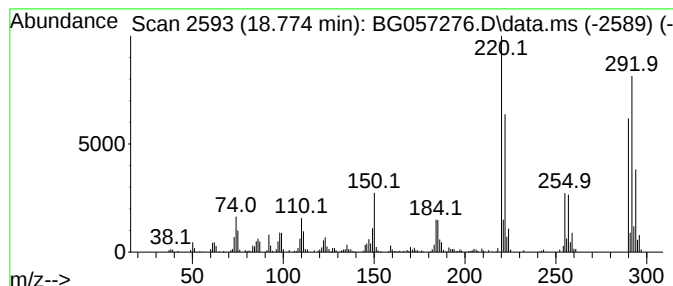
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.774	22.28 ng/ul	283468	Phenanthrene-d10	17.734

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2			1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3			1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4			2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5			1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW929

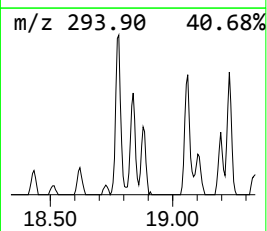
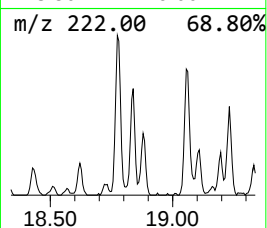
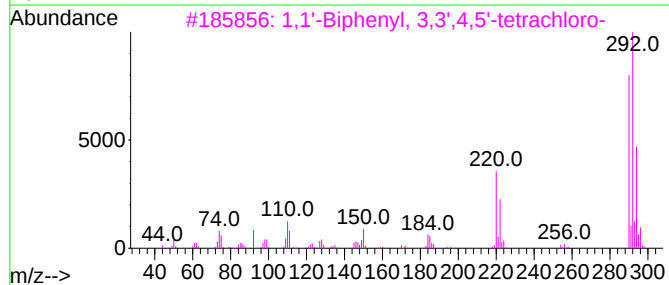
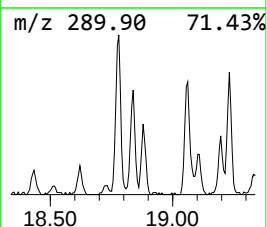
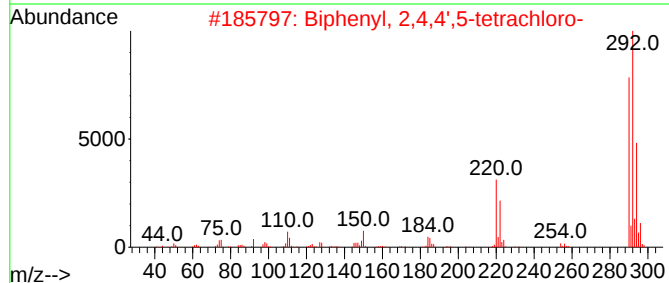
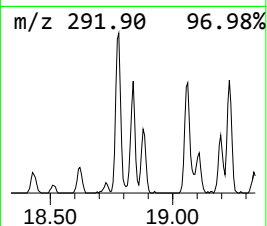
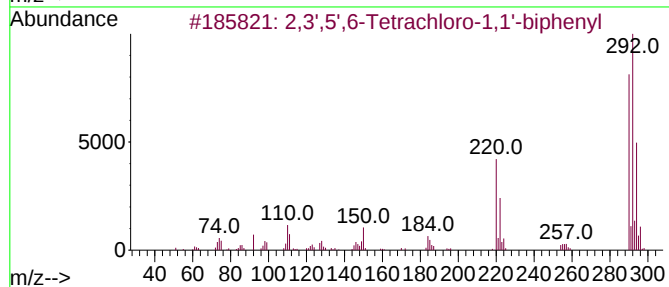
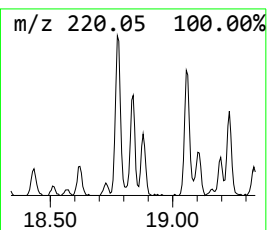
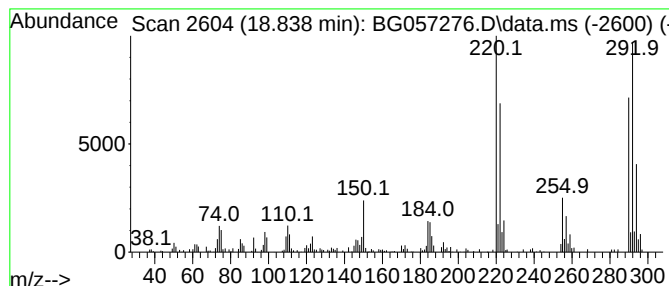
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 2,3',5',6-Tetrachloro-1,1'-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.838	13.51 ng/ul	171892	Phenanthrene-d10	17.734

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99	
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99	
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99	
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99	
5	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

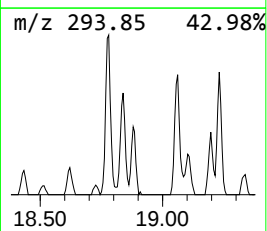
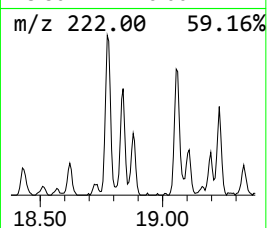
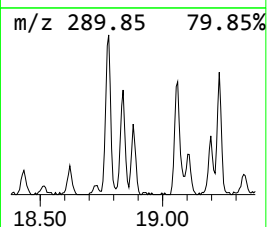
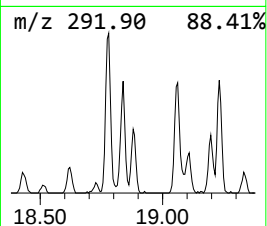
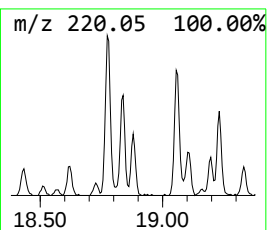
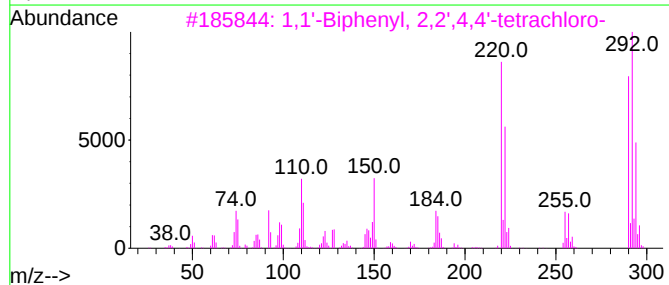
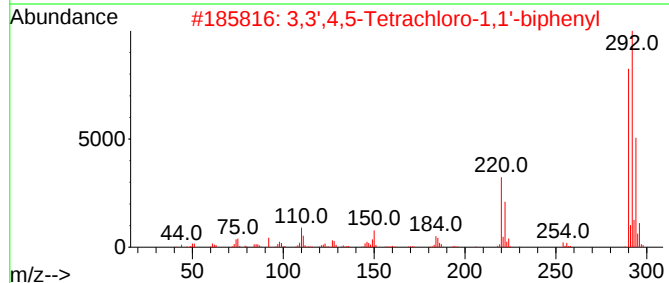
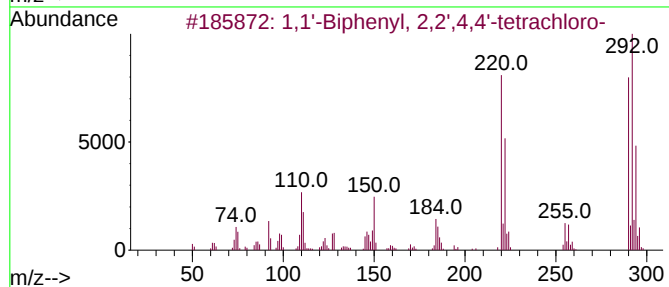
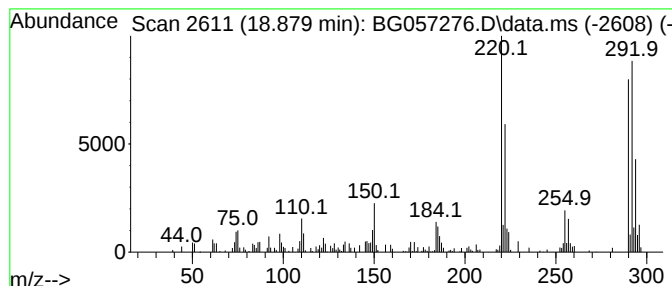
Instrument :
BNA_G
ClientSampleId :
EW929

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 18 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.879	7.16 ng/ul	91151	Phenanthrene-d10	17.734		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2		3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
3		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4		1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5		1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

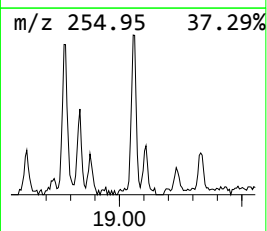
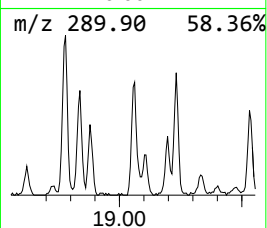
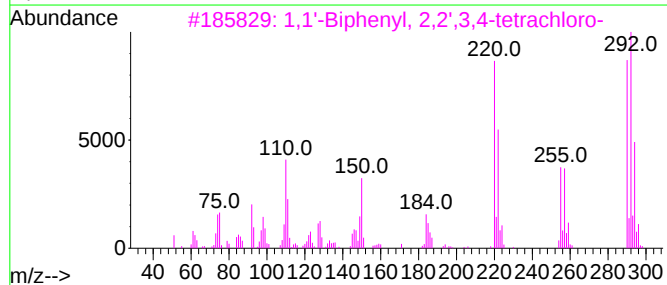
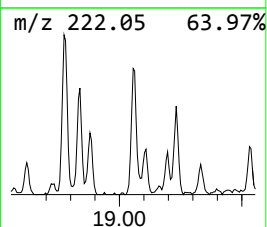
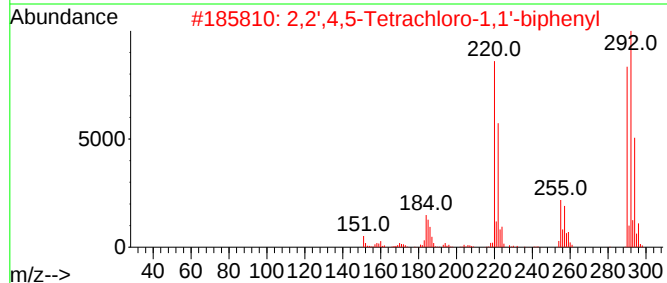
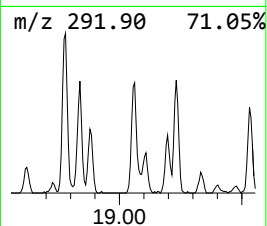
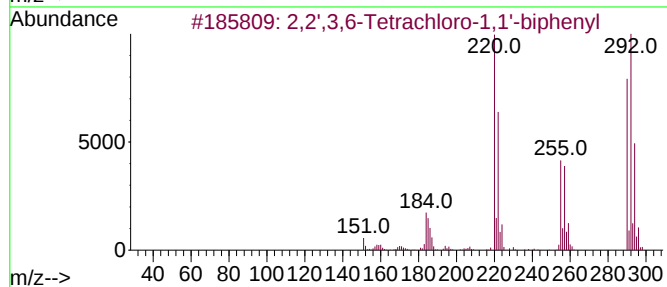
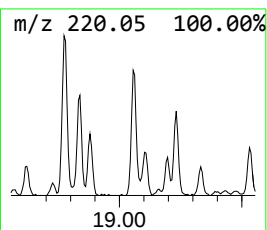
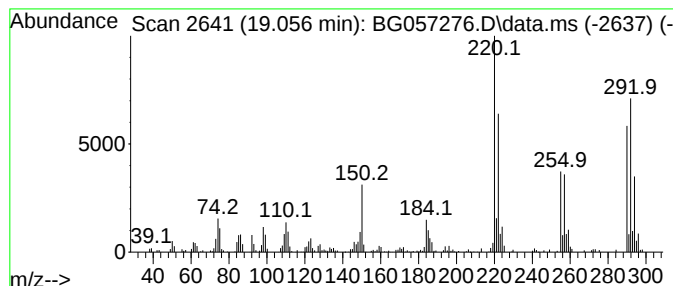
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.056	18.57 ng/ul	236296	Phenanthrene-d10	17.734	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

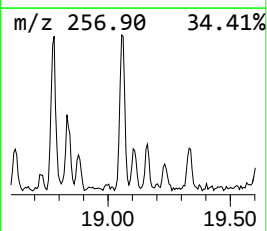
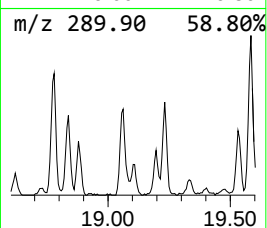
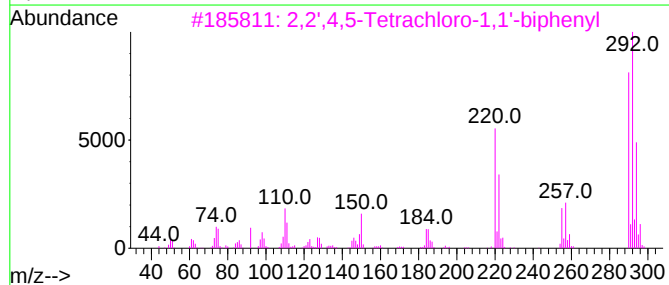
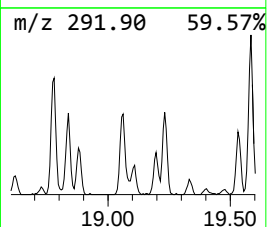
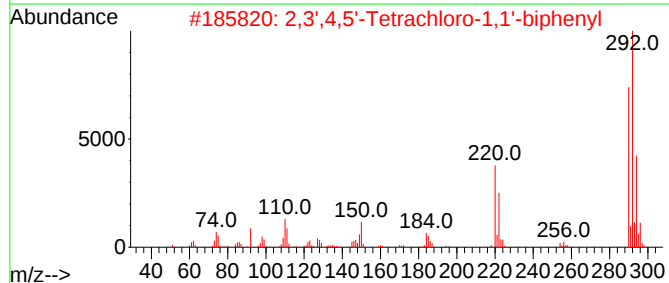
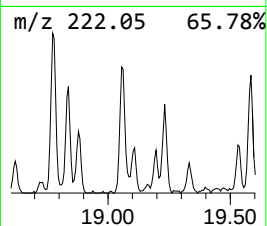
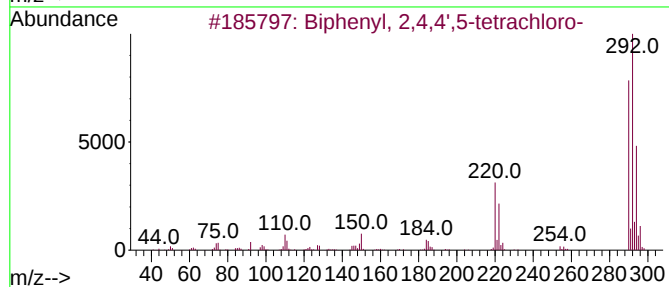
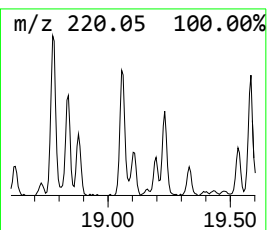
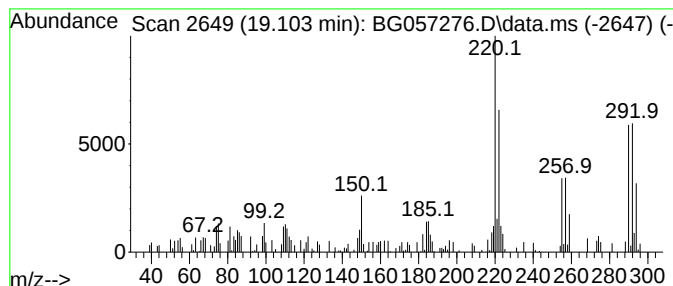
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 2,3',4,5'-Tetrachloro-1,1'-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.103	4.85 ng/ul	61690	Phenanthrene-d10		17.734	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Biphenyl, 2,4,4',5-tetrachloro-		290	C12H6Cl4	032690-93-0	95
2	2,3',4,5'-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	073575-52-7	95
3	2,2',4,5-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	070362-47-9	94
4	1,1'-Biphenyl, 2,3',4,6-Tetrachl...		290	C12H6Cl4	060233-24-1	94
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...		290	C12H6Cl4	041464-43-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EW929

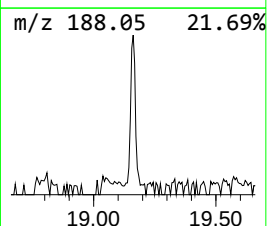
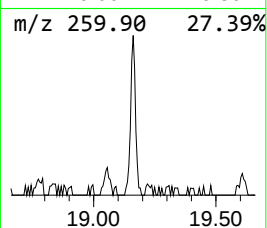
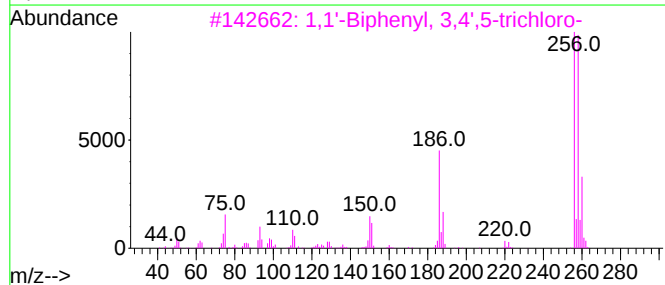
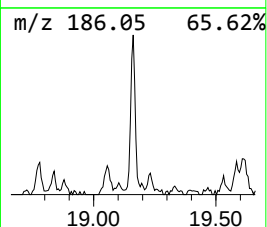
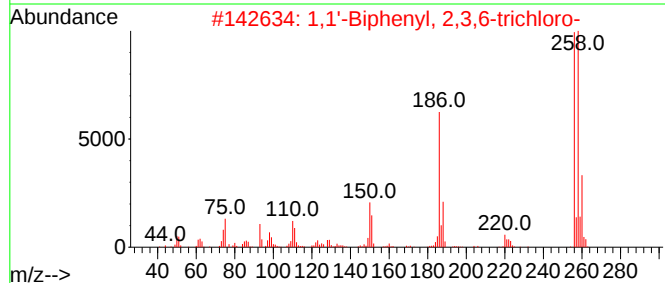
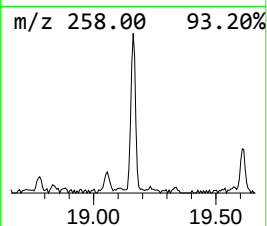
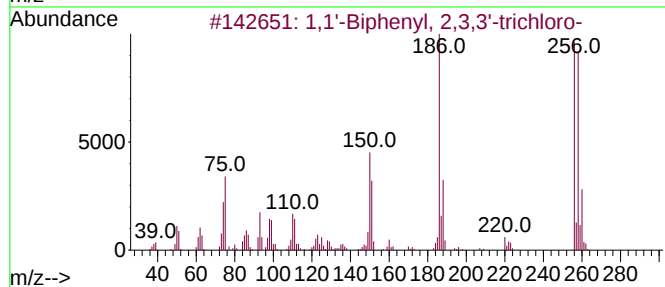
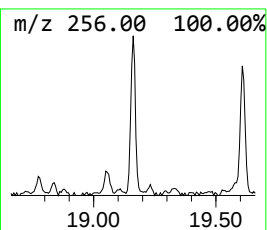
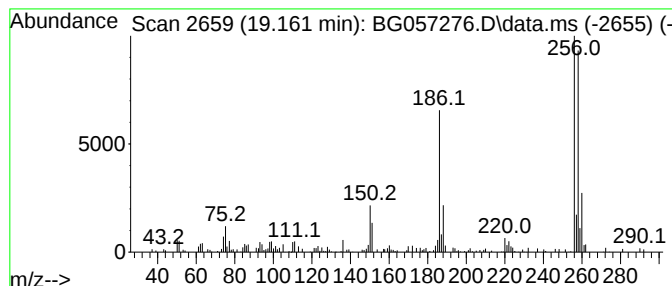
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1,1'-Biphenyl, 3,4',5-trich... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.161	7.89 ng/ul	100328	Phenanthrene-d10	17.734

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99	
2	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	98	
3	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	98	
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	97	
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	97	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

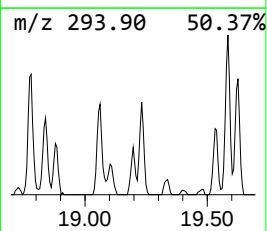
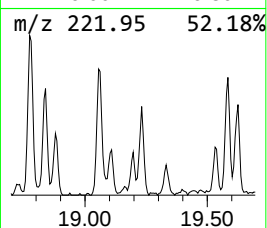
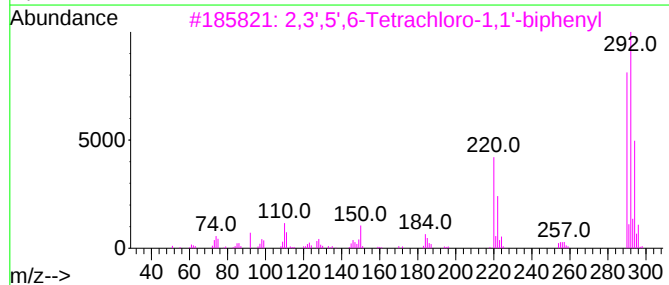
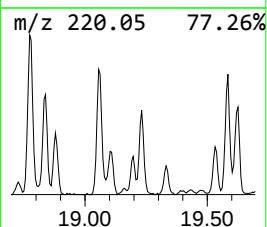
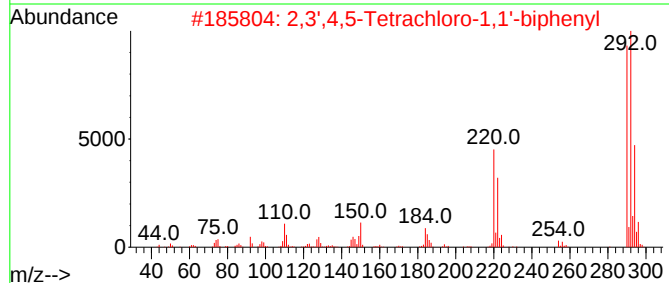
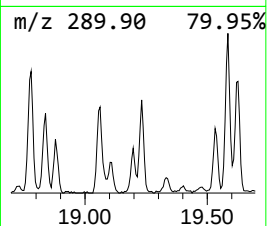
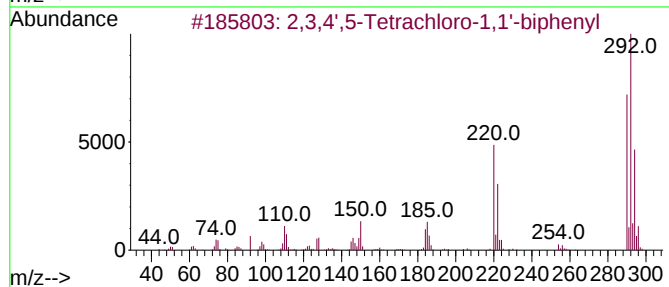
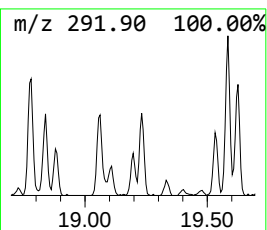
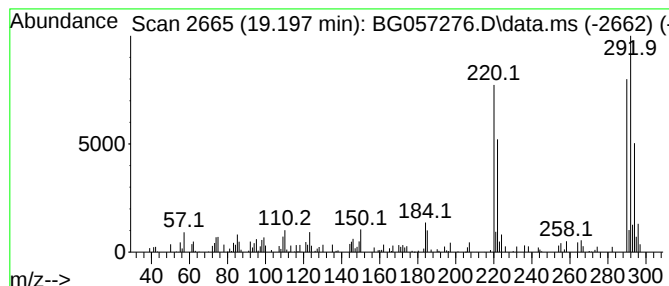
Instrument :
BNA_G
ClientSampleId :
EW929

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 22 2,3,4',5-Tetrachloro-1,1'-b... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.197	4.41 ng/ul	56057	Phenanthrene-d10		17.734	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,3,4',5-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	074472-34-7	99
2	2,3',4,5-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	073575-53-8	98
3	2,3',5',6-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	074338-23-1	98
4	2,3,4',5-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	074472-34-7	98
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...		290	C12H6Cl4	041464-43-1	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW929

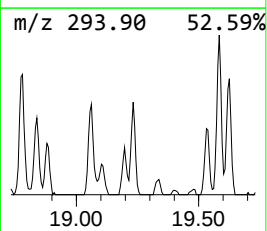
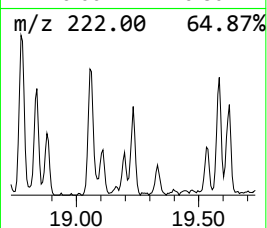
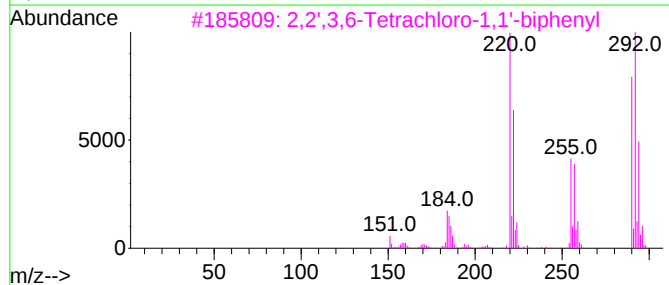
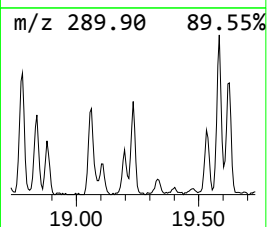
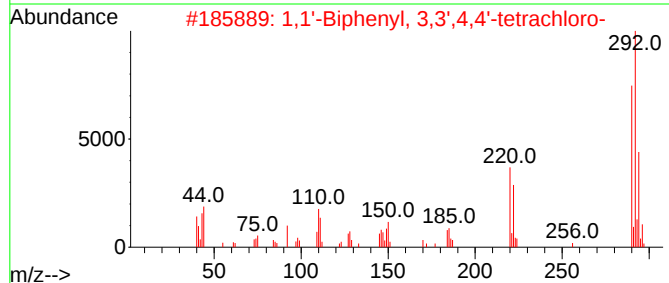
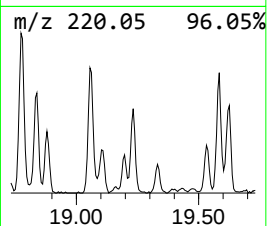
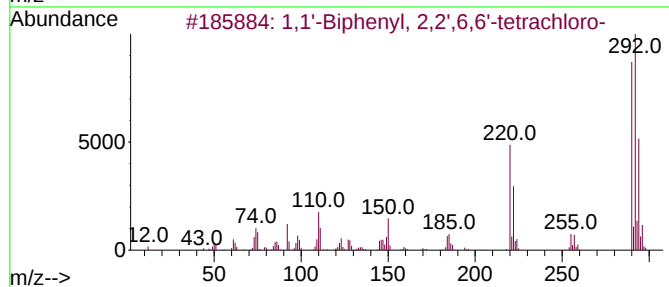
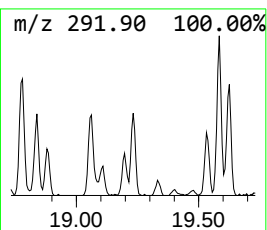
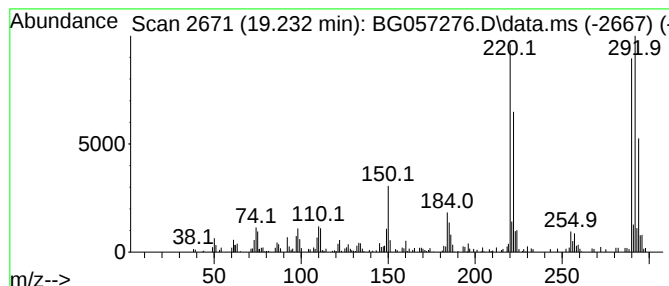
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.232	10.51 ng/ul	133664	Phenanthrene-d10	17.734

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99		
2	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	97		
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	96		
4	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	96		
5	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

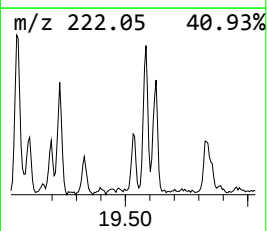
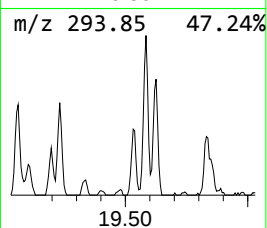
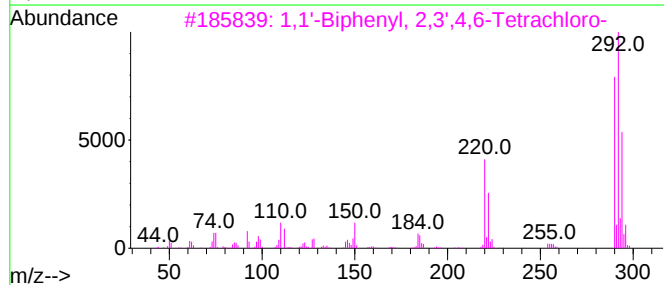
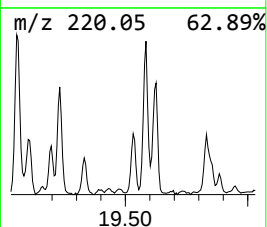
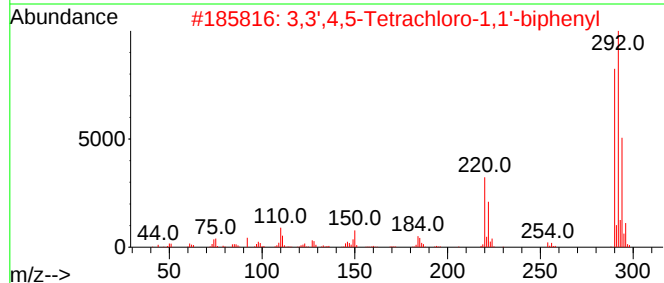
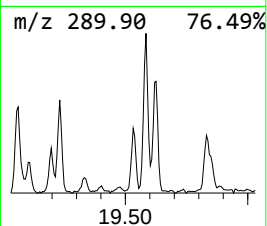
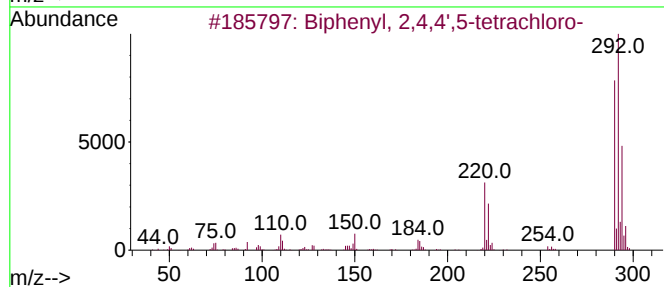
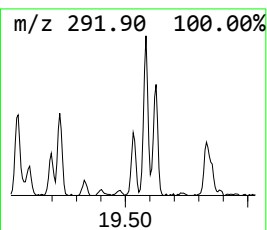
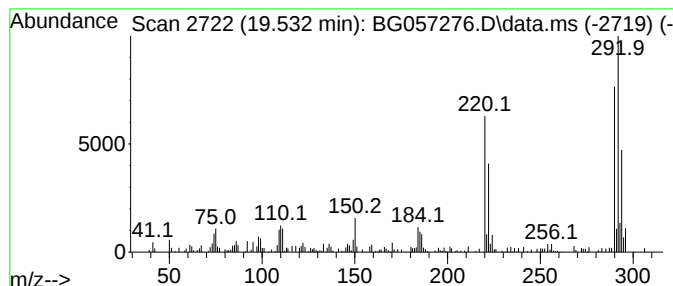
Instrument :
BNA_G
ClientSampleId :
EW929

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

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

Peak Number 24 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.532	6.59 ng/ul	83873	Phenanthrene-d10	17.734	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
3	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

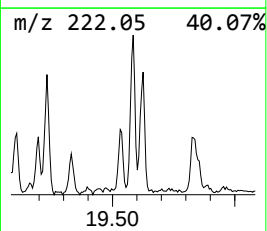
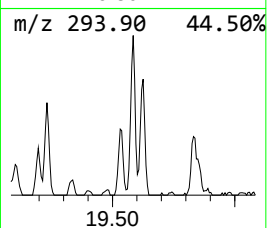
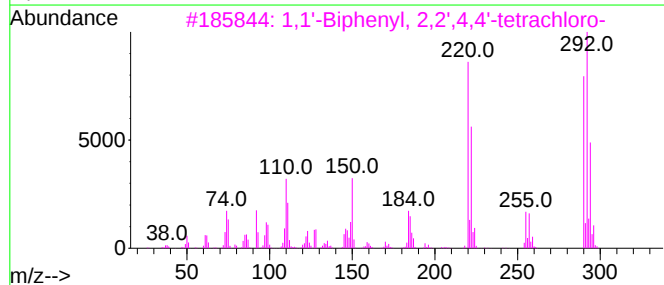
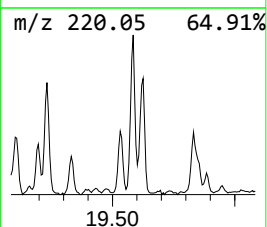
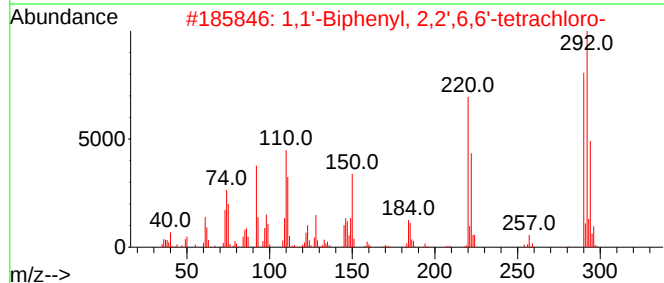
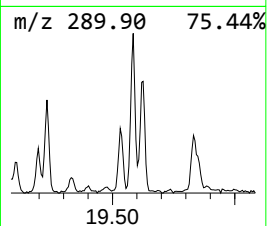
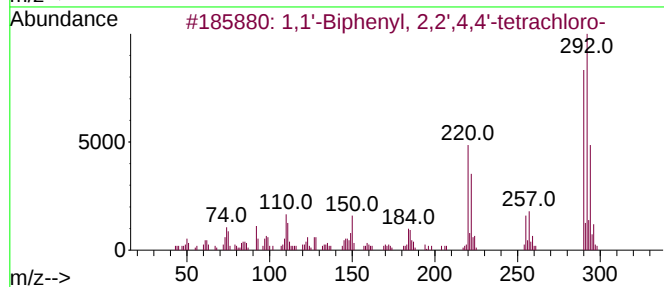
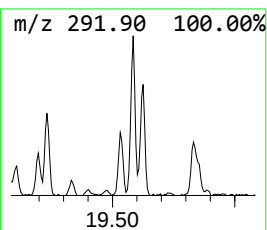
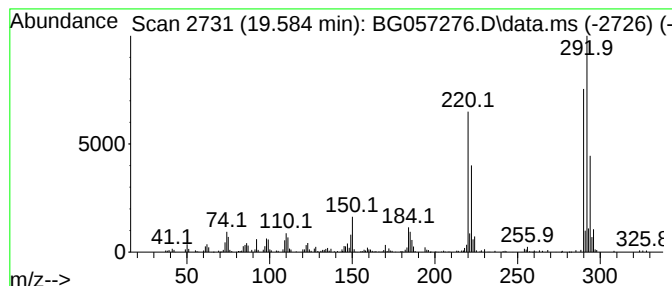
Instrument :
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ClientSampleId :
EW929

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

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

Peak Number 25 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.584	17.97 ng/ul	228661	Phenanthrene-d10		17.734	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4		002437-79-8	99
2	1,1'-Biphenyl, 2,2',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	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4		041464-40-8	98
5	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4		074338-24-2	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

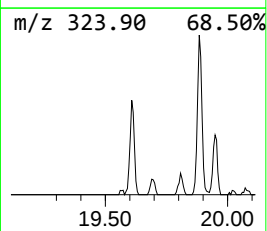
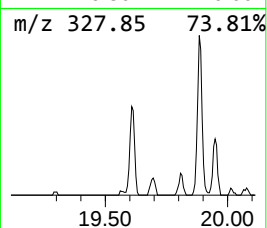
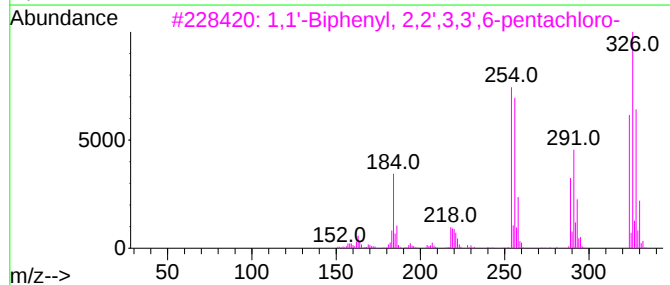
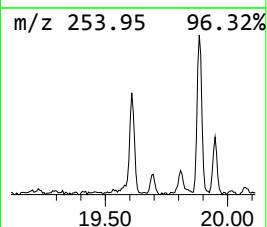
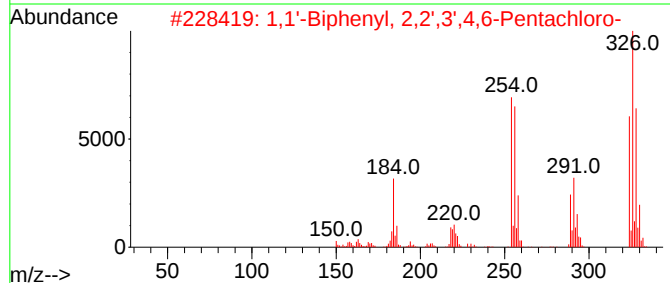
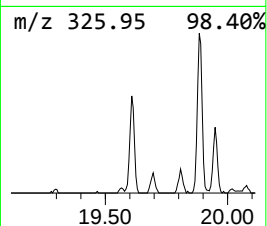
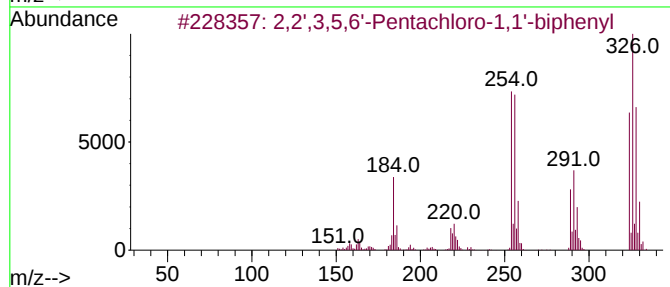
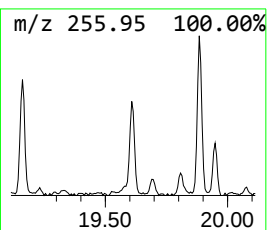
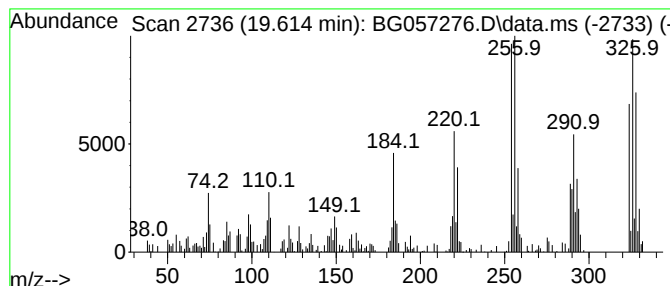
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.614	23.50 ng/ul	299020	Phenanthrene-d10	17.734		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99	
2	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99	
3	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99	
4	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99	
5	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

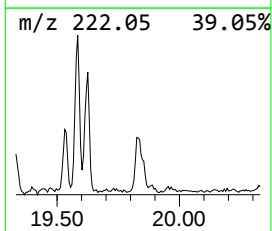
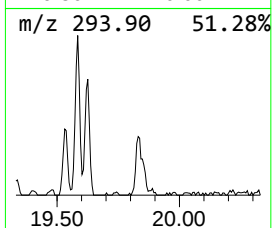
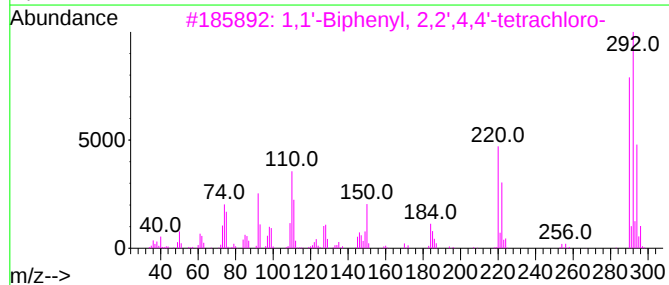
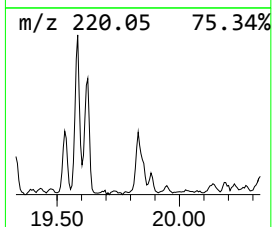
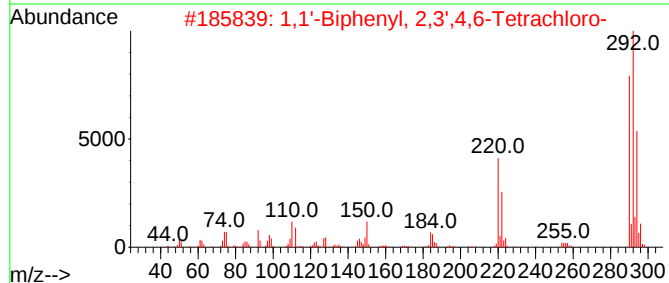
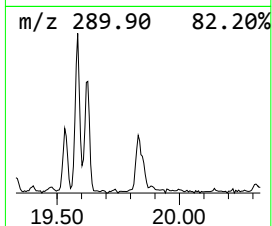
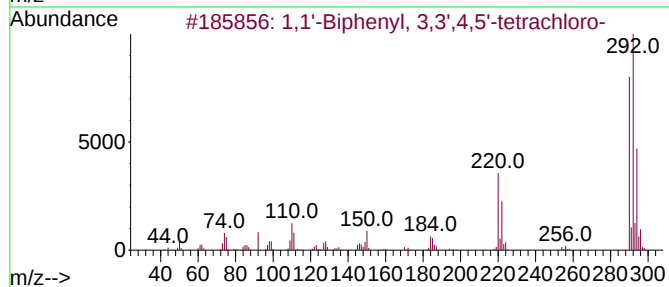
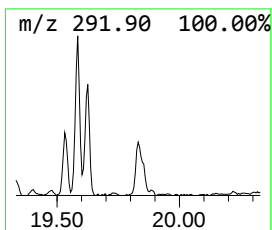
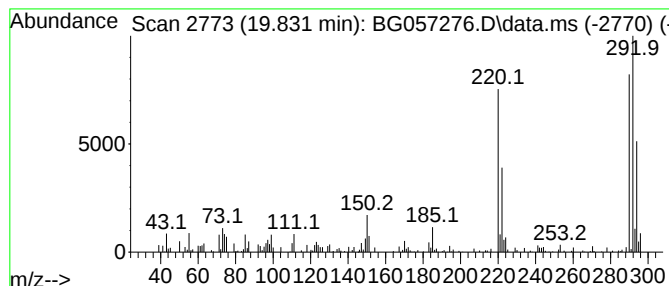
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 1,1'-Biphenyl, 3,3',4,5'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.831	9.95 ng/ul	126574	Phenanthrene-d10	17.734	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	94
2	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	94
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	94
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	94
5	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

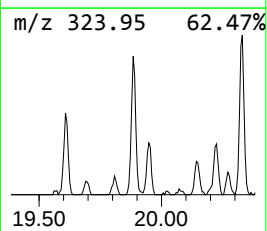
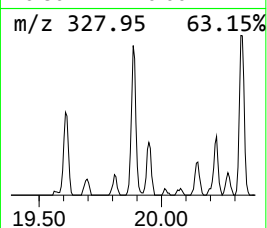
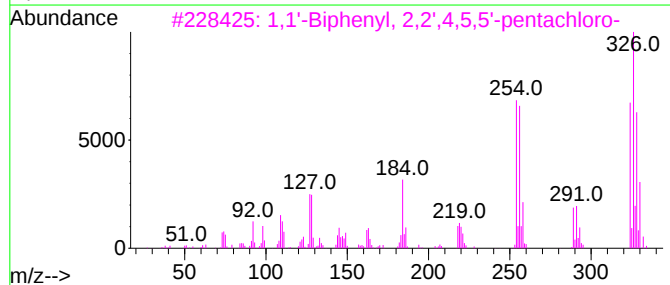
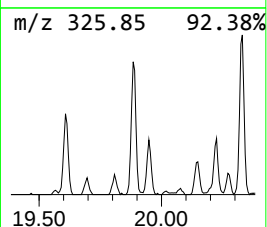
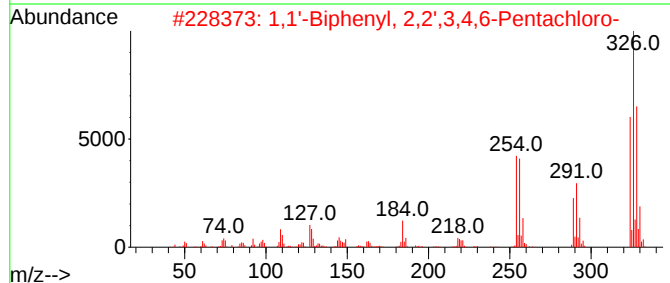
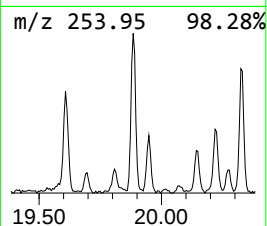
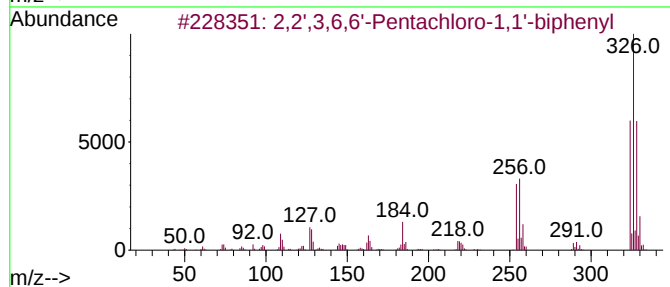
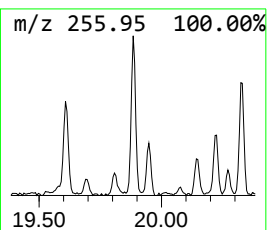
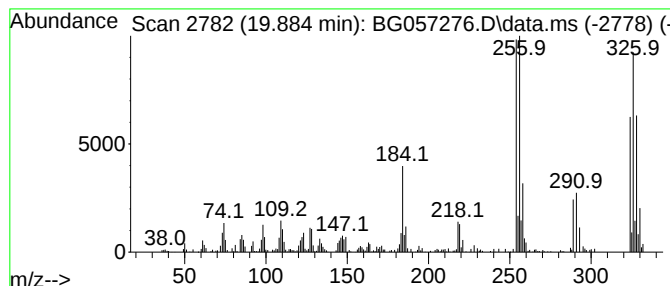
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 2,2',3,6,6'-Pentachloro-1,1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.884	19.81 ng/ul	251967	Phenanthrene-d10	17.734	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
2	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	96
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96
5	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

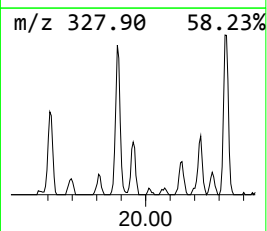
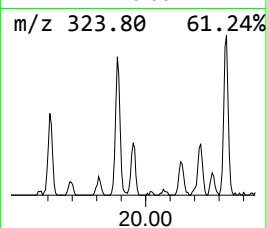
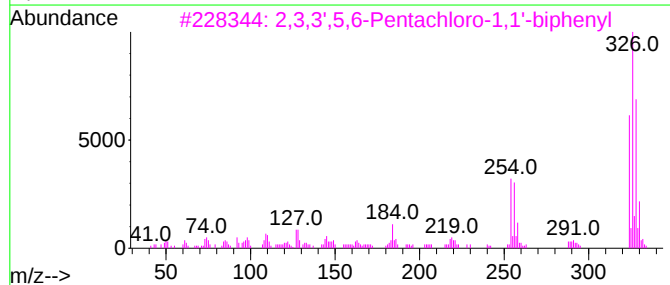
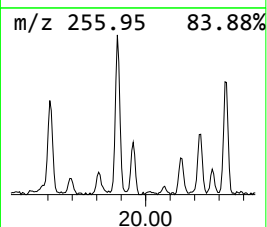
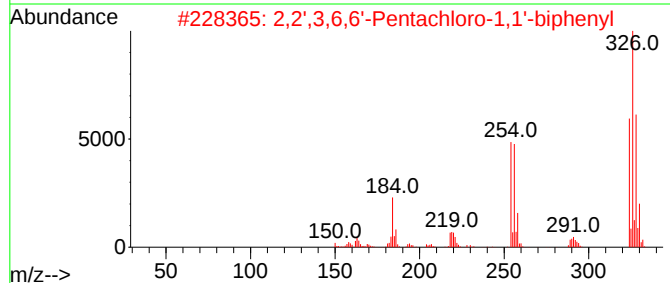
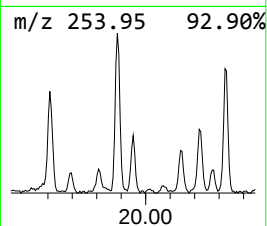
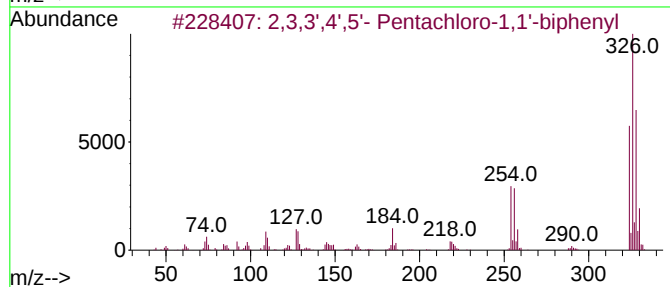
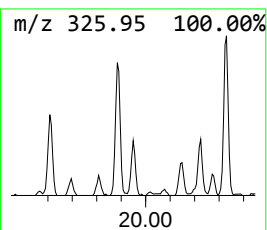
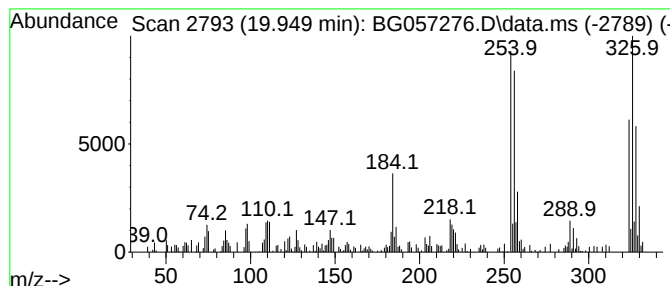
Instrument :
BNA_G
ClientSampleId :
EW929

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',5'- Pentachloro-1... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.949	7.04 ng/ul	91446	Chrysene-d12	22.052	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	96
2	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	96
3	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	96
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	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\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW929

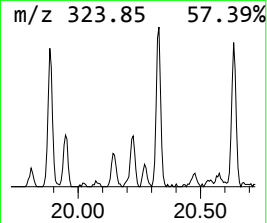
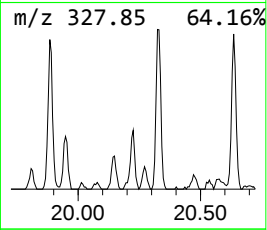
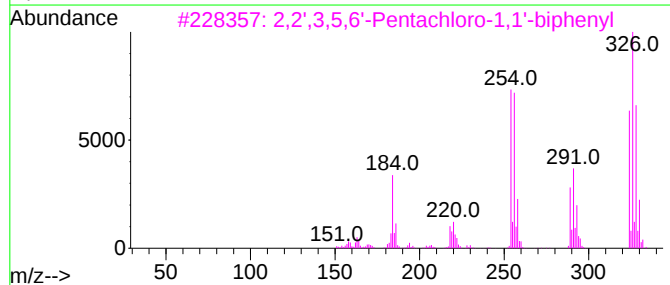
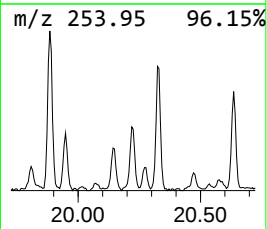
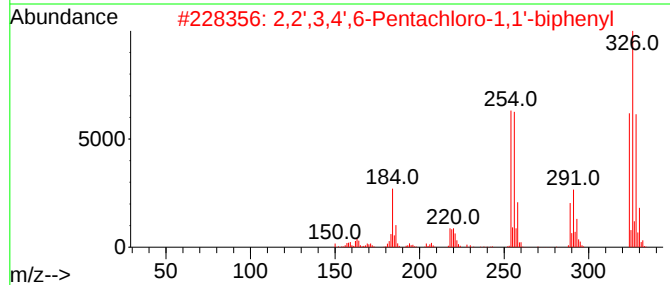
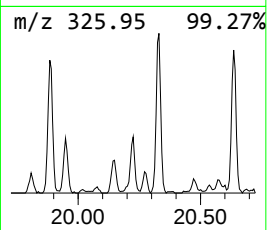
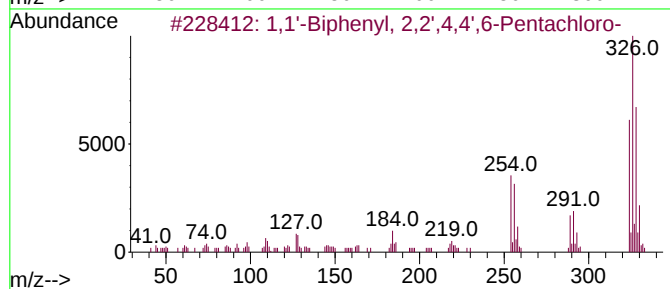
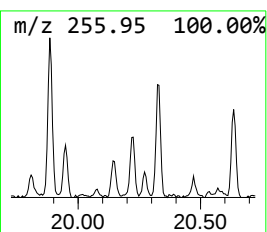
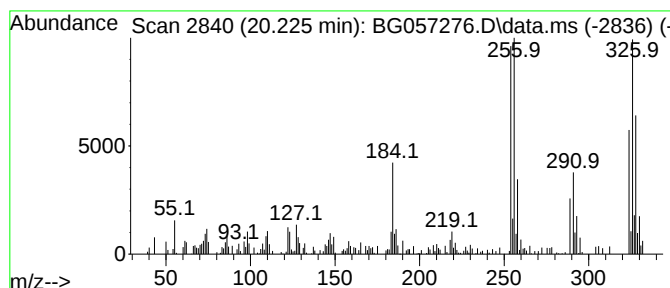
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 1,1'-Biphenyl, 2,2',4,4',6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.225	7.70 ng/ul	100023	Chrysene-d12	22.052

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	98		
2	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	96		
3	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	96		
4	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	96		
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW929

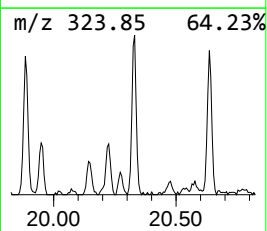
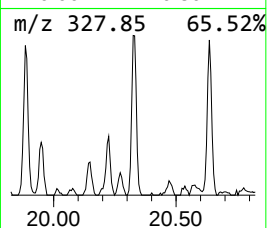
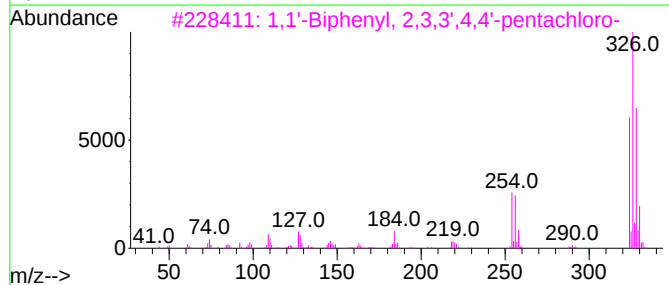
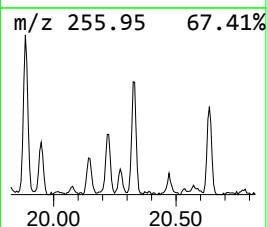
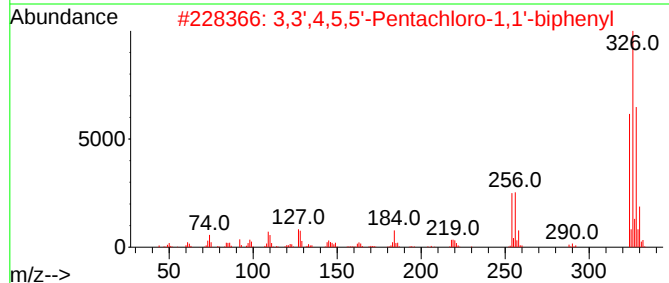
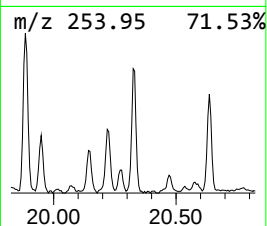
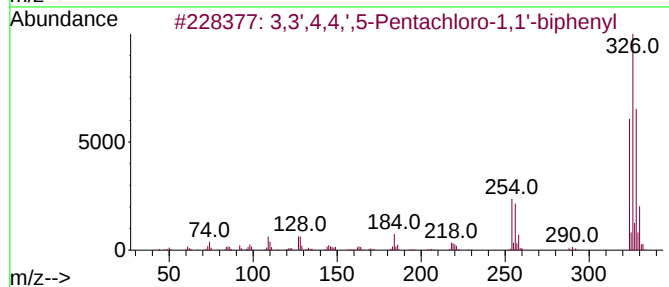
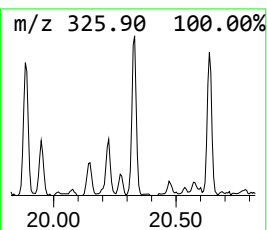
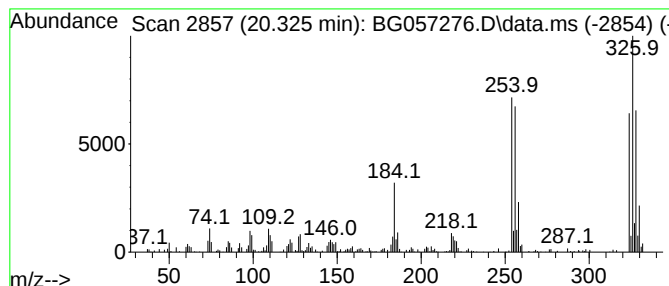
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 3,3',4,4',5-Pentachloro-1,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.325	14.00 ng/ul	181843	Chrysene-d12	22.052

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	97		
2	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	96		
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96		
4	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	96		
5	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW929

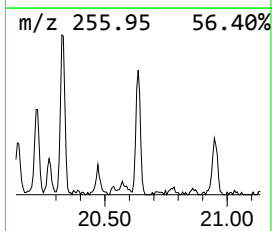
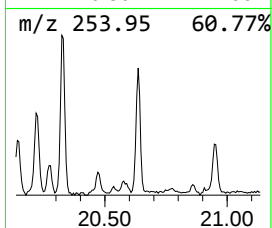
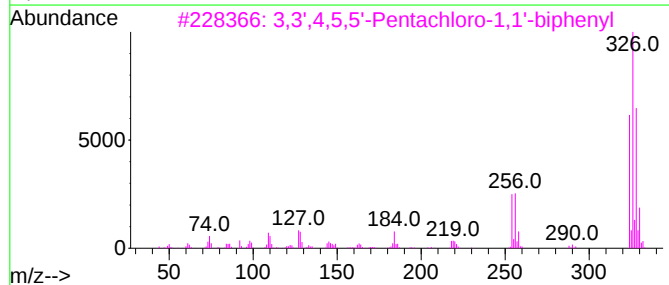
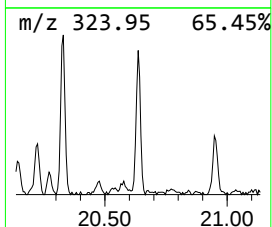
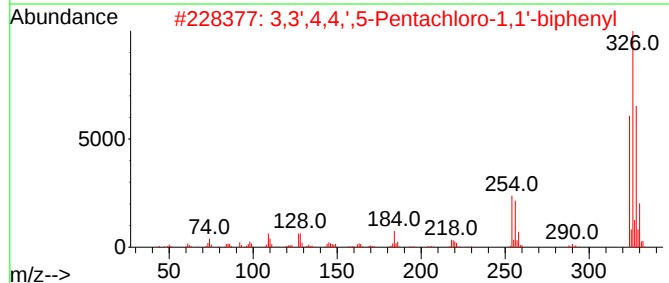
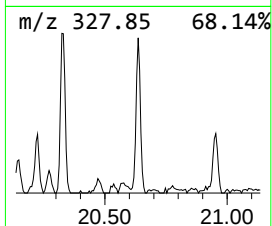
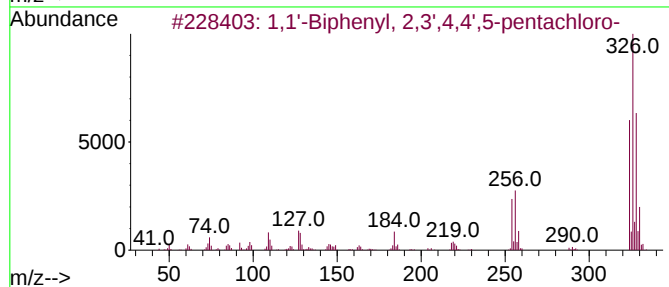
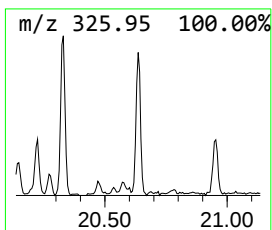
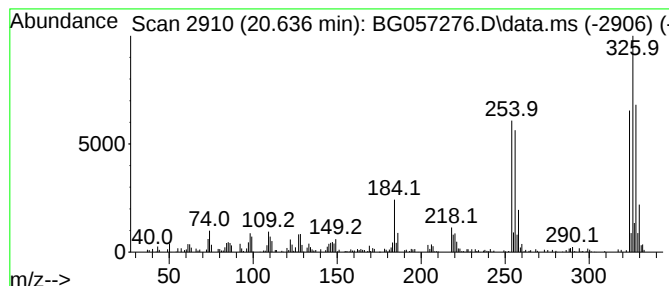
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.636	12.74 ng/ul	165480	Chrysene-d12	22.052

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99		
2	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99		
3	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99		
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	97		
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	97		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW929

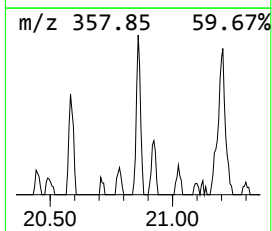
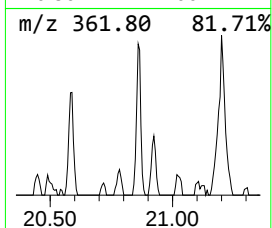
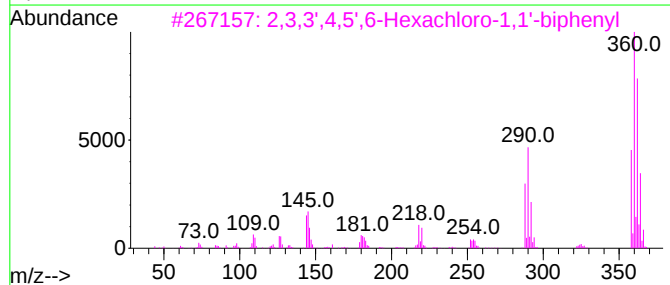
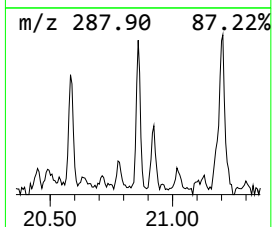
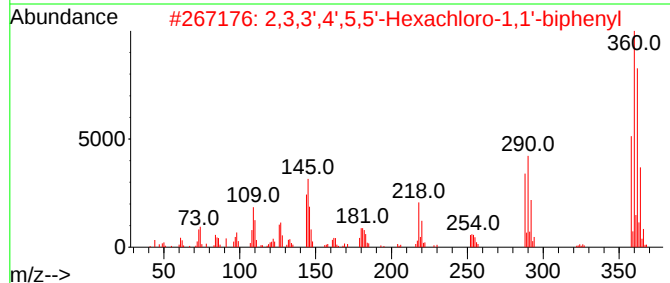
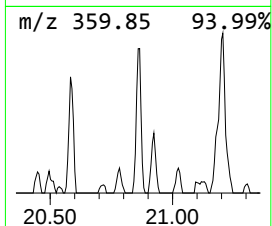
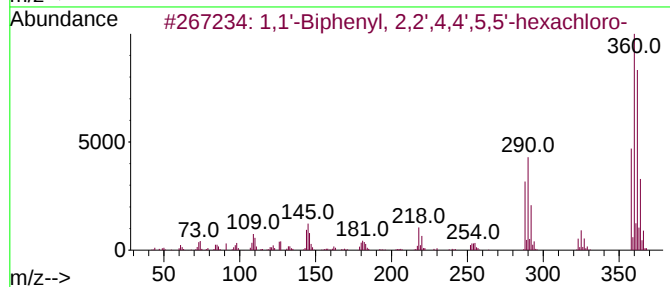
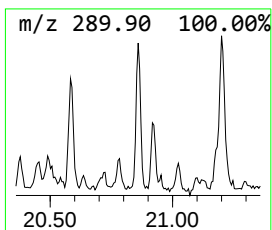
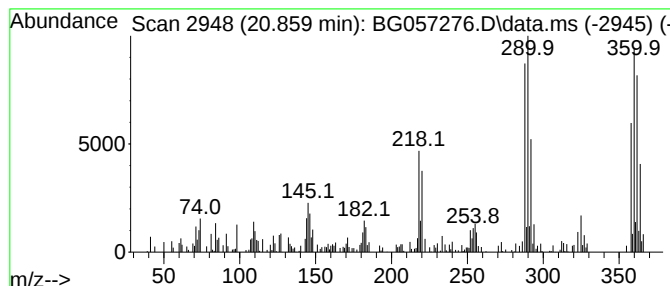
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.859	6.64 ng/ul	86295	Chrysene-d12	22.052

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99		
2	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99		
3	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	98		
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	97		
5	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057276.D
Acq On : 2 May 2023 13:02
Operator : CG/JU
Sample : 02419-34
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW929

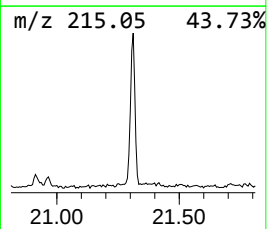
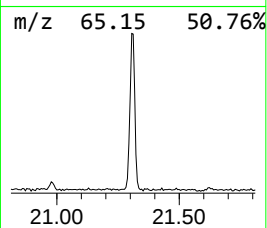
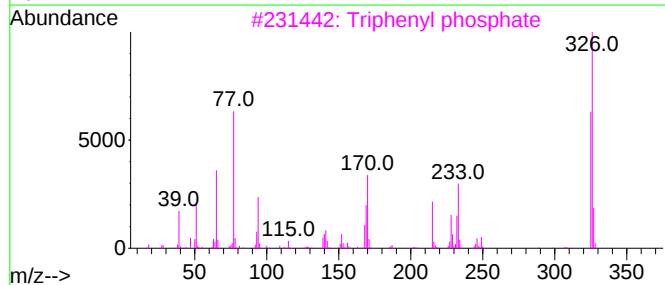
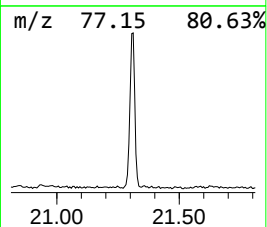
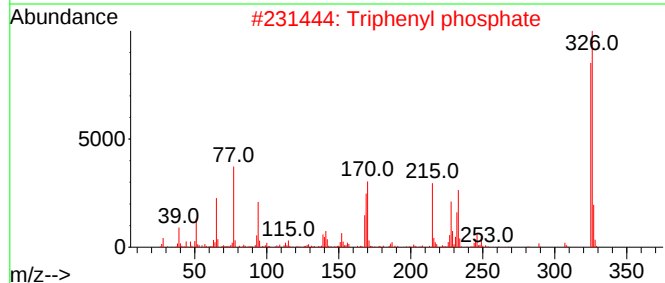
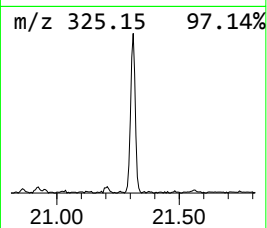
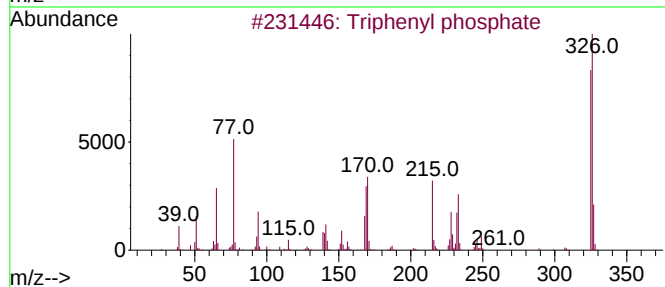
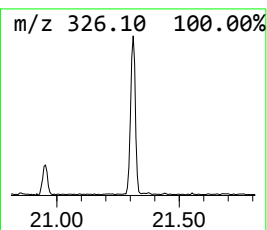
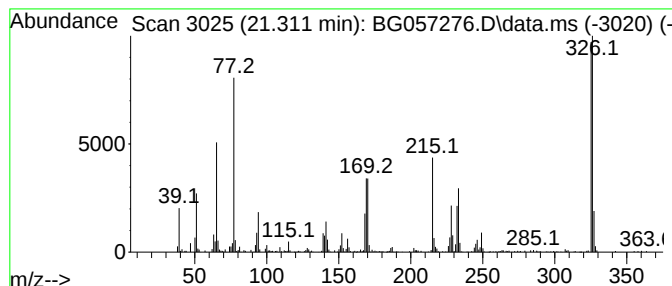
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Triphenyl phosphate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.311	32.69 ng/ul	424744	Chrysene-d12	22.052

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenyl phosphate	326	C18H15O4P	000115-86-6	97
2			Triphenyl phosphate	326	C18H15O4P	000115-86-6	93
3			Triphenyl phosphate	326	C18H15O4P	000115-86-6	90
4			Triphenyl phosphate	326	C18H15O4P	000115-86-6	90
5			Triphenyl phosphate	326	C18H15O4P	000115-86-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057276.D
 Acq On : 2 May 2023 13:02
 Operator : CG/JU
 Sample : 02419-34
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW929

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...	15.784	2.1	ng/ul	21607	3	14.996	202768	20.0
(DEL) Alkane: S...	16.189	2.3	ng/ul	23588	3	14.996	202768	20.0
Benzophenone	16.330	5.9	ng/ul	59613	3	14.996	202768	20.0
(DEL) Alkane: S...	16.665	5.7	ng/ul	72965	4	17.734	254445	20.0
1,1'-Biphenyl, ...	16.947	2.3	ng/ul	28882	4	17.734	254445	20.0
1,1'-Biphenyl, ...	17.252	2.7	ng/ul	34713	4	17.734	254445	20.0
(DEL) Alkane: S...	17.434	2.4	ng/ul	30343	4	17.734	254445	20.0
(DEL) Alkane: S...	17.487	2.5	ng/ul	31958	4	17.734	254445	20.0
2,3',6-Trichlor...	17.593	5.9	ng/ul	75568	4	17.734	254445	20.0
1,1'-Biphenyl, ...	17.634	3.2	ng/ul	40170	4	17.734	254445	20.0
1,1'-Biphenyl, ...	17.892	12.1	ng/ul	153450	4	17.734	254445	20.0
3,4,5-Trichloro...	18.169	4.8	ng/ul	60834	4	17.734	254445	20.0
1,1'-Biphenyl, ...	18.321	51.7	ng/ul	658195	4	17.734	254445	20.0
2,4',6-Trichlor...	18.445	9.3	ng/ul	117916	4	17.734	254445	20.0
1,1'-Biphenyl, ...	18.568	10.8	ng/ul	136998	4	17.734	254445	20.0
Biphenyl, 2,4,4...	18.774	22.3	ng/ul	283468	4	17.734	254445	20.0
2,3',5',6-Tetra...	18.838	13.5	ng/ul	171892	4	17.734	254445	20.0
1,1'-Biphenyl, ...	18.879	7.2	ng/ul	91151	4	17.734	254445	20.0
2,2',3,6-Tetrac...	19.056	18.6	ng/ul	236296	4	17.734	254445	20.0
2,3',4,5'-Tetra...	19.103	4.8	ng/ul	61690	4	17.734	254445	20.0
1,1'-Biphenyl, ...	19.161	7.9	ng/ul	100328	4	17.734	254445	20.0
2,3,4',5-Tetrac...	19.197	4.4	ng/ul	56057	4	17.734	254445	20.0
1,1'-Biphenyl, ...	19.232	10.5	ng/ul	133664	4	17.734	254445	20.0
3,3',4,5-Tetrac...	19.532	6.6	ng/ul	83873	4	17.734	254445	20.0
1,1'-Biphenyl, ...	19.584	18.0	ng/ul	228661	4	17.734	254445	20.0
2,2',3,5,6'-Pen...	19.614	23.5	ng/ul	299020	4	17.734	254445	20.0
1,1'-Biphenyl, ...	19.831	9.9	ng/ul	126574	4	17.734	254445	20.0
2,2',3,6,6'-Pen...	19.884	19.8	ng/ul	251967	4	17.734	254445	20.0
2,3,3',4',5'- P...	19.949	7.0	ng/ul	91446	5	22.052	259823	20.0
1,1'-Biphenyl, ...	20.225	7.7	ng/ul	100023	5	22.052	259823	20.0
3,3',4,4',5-Pe...	20.325	14.0	ng/ul	181843	5	22.052	259823	20.0
1,1'-Biphenyl, ...	20.636	12.7	ng/ul	165480	5	22.052	259823	20.0
1,1'-Biphenyl, ...	20.859	6.6	ng/ul	86295	5	22.052	259823	20.0
Triphenyl phosph...	21.311	32.7	ng/ul	424744	5	22.052	259823	20.0