

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
 Data File : BG047065.D
 Acq On : 23 Oct 2020 14:32
 Operator : CG/JU
 Sample : L4449-21
 Misc : GCMS CONFIRMATION
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF7

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.399	6	10	16	rVB	514818	577505	59.44%	5.748%
2	3.604	42	45	48	rBV2	2443	3163	0.33%	0.031%
3	3.716	62	64	65	rBV	4477	3662	0.38%	0.036%
4	3.745	65	69	74	rVB2	21136	27090	2.79%	0.270%
5	3.839	83	85	89	rVB	2296	1741	0.18%	0.017%
6	4.004	111	113	116	rBV	1337	1579	0.16%	0.016%
7	4.080	123	126	129	rVB2	2514	2639	0.27%	0.026%
8	4.127	129	134	140	rBV3	4110	6690	0.69%	0.067%
9	4.227	147	151	158	rVB4	6086	10365	1.07%	0.103%
10	4.380	176	177	180	rBV	1585	1932	0.20%	0.019%
11	4.415	180	183	186	rVV2	1984	2682	0.28%	0.027%
12	4.685	227	229	234	rVB	1609	2162	0.22%	0.022%
13	4.774	242	244	245	rBV	3152	2210	0.23%	0.022%
14	4.985	278	280	282	rBV	1705	1610	0.17%	0.016%
15	5.085	288	297	298	rBV2	2067	3784	0.39%	0.038%
16	5.191	312	315	319	rVB	1577	1917	0.20%	0.019%
17	5.502	365	368	371	rVB2	1622	2367	0.24%	0.024%
18	5.631	387	390	395	rVB	1471	2207	0.23%	0.022%
19	5.714	400	404	407	rVB2	1279	1940	0.20%	0.019%
20	5.831	419	424	425	rBV2	1804	1635	0.17%	0.016%
21	5.849	425	427	430	rVV3	1744	1583	0.16%	0.016%
22	5.978	446	449	452	rBV2	1493	1548	0.16%	0.015%
23	6.066	463	464	469	rVB2	1788	2543	0.26%	0.025%
24	6.113	469	472	475	rBV2	1138	1815	0.19%	0.018%
25	6.325	504	508	511	rVB4	2057	3040	0.31%	0.030%
26	6.348	511	512	515	rBV2	1963	1744	0.18%	0.017%
27	7.106	639	641	645	rVB	1734	1679	0.17%	0.017%
28	7.141	645	647	649	rBV	1712	1582	0.16%	0.016%
29	7.200	654	657	659	rBV2	2007	2100	0.22%	0.021%
30	7.306	672	675	677	rBV	1359	1568	0.16%	0.016%
31	7.459	698	701	703	rBV	1696	1893	0.19%	0.019%
32	7.682	736	739	741	rVB	1556	1742	0.18%	0.017%
33	7.835	759	765	769	rBV2	1633	3251	0.33%	0.032%
34	7.917	775	779	781	rBV2	1110	1687	0.17%	0.017%

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35	7.952	781	785	786	rBV2	1157	1523	0.16%	0.015%
36	8.058	796	803	811	rBV	244662	403113	41.49%	4.012%
37	8.264	836	838	842	rVB	1442	1571	0.16%	0.016%
38	9.074	971	976	978	rBV	917	1564	0.16%	0.016%
39	9.127	982	985	988	rVV2	1381	1931	0.20%	0.019%
40	9.174	988	993	995	rVB	1015	1701	0.18%	0.017%
41	9.292	1010	1013	1019	rVB2	1831	3037	0.31%	0.030%
42	9.756	1088	1092	1095	rBV	946	1712	0.18%	0.017%
43	10.532	1219	1224	1229	rVB4	15649	21989	2.26%	0.219%
44	10.731	1254	1258	1263	rBV2	6292	9429	0.97%	0.094%
45	10.872	1272	1282	1294	rBV	286042	527872	54.33%	5.254%
46	11.007	1301	1305	1306	rBV2	2760	2537	0.26%	0.025%
47	11.137	1325	1327	1332	rVB2	2426	2846	0.29%	0.028%
48	11.219	1337	1341	1343	rBV	1367	1577	0.16%	0.016%
49	11.284	1350	1352	1356	rVB2	1638	1846	0.19%	0.018%
50	11.337	1358	1361	1363	rVV2	2233	2798	0.29%	0.028%
51	11.572	1398	1401	1404	rVB3	1668	2041	0.21%	0.020%
52	11.783	1433	1437	1441	rVB	1507	2157	0.22%	0.021%
53	11.906	1453	1458	1463	rBV	899	1720	0.18%	0.017%
54	12.288	1519	1523	1527	rBV2	1281	1974	0.20%	0.020%
55	13.199	1676	1678	1681	rBV2	1141	1533	0.16%	0.015%
56	13.311	1693	1697	1700	rBV2	2073	3456	0.36%	0.034%
57	13.904	1795	1798	1801	rBV	1120	1575	0.16%	0.016%
58	14.010	1815	1816	1820	rVB2	2054	2097	0.22%	0.021%
59	14.121	1833	1835	1838	rVB	2727	2067	0.21%	0.021%
60	14.168	1838	1843	1848	rBV4	2131	4578	0.47%	0.046%
61	14.304	1864	1866	1870	rVB3	1541	1613	0.17%	0.016%
62	14.486	1894	1897	1898	rBV	1424	1800	0.19%	0.018%
63	14.533	1902	1905	1907	rVV3	2849	2621	0.27%	0.026%
64	14.574	1909	1912	1913	rBV2	2386	2717	0.28%	0.027%
65	14.691	1924	1932	1941	rBV	481208	739695	76.14%	7.362%
66	14.762	1941	1944	1947	rBV3	1362	2126	0.22%	0.021%
67	14.868	1960	1962	1963	rVB	3248	1597	0.16%	0.016%
68	14.968	1975	1979	1980	rBV3	1574	1999	0.21%	0.020%
69	14.997	1983	1984	1988	rBV3	2239	2230	0.23%	0.022%
70	15.032	1988	1990	1991	rBV2	2226	1866	0.19%	0.019%
71	15.103	1998	2002	2006	rBV4	4006	5337	0.55%	0.053%

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72	15.273	2029	2031	2032	rBV	2539	1981	0.20%	0.020%
73	15.320	2037	2039	2040	rBV2	2518	2043	0.21%	0.020%
74	15.408	2052	2054	2057	rVB4	3775	2912	0.30%	0.029%
75	15.479	2064	2066	2068	rBV3	3902	1649	0.17%	0.016%
76	15.690	2100	2102	2105	rBV2	2760	3620	0.37%	0.036%
77	15.884	2133	2135	2136	rBV2	4087	2907	0.30%	0.029%
78	17.435	2393	2399	2404	rBV	536370	838871	86.34%	8.350%
79	18.035	2496	2501	2508	rVB3	85556	156579	16.12%	1.558%
80	18.499	2576	2580	2584	rVV2	88787	115038	11.84%	1.145%
81	18.557	2587	2590	2594	rVB5	60340	80408	8.28%	0.800%
82	18.781	2625	2628	2632	rBV2	63493	83807	8.63%	0.834%
83	19.310	2715	2718	2720	rBV	84347	102936	10.60%	1.025%
84	19.345	2720	2724	2730	rVB3	178878	302890	31.18%	3.015%
85	19.480	2744	2747	2752	rVB	57600	84967	8.75%	0.846%
86	19.621	2767	2771	2775	rVB	208572	271353	27.93%	2.701%
87	20.185	2863	2867	2871	rBV2	121062	162716	16.75%	1.620%
88	20.326	2886	2891	2895	rBV	395902	520455	53.57%	5.180%
89	20.373	2896	2899	2905	rVB	72521	92223	9.49%	0.918%
90	20.596	2933	2937	2942	rVB	533655	689788	71.00%	6.866%
91	20.655	2943	2947	2955	rVV4	142857	210252	21.64%	2.093%
92	20.755	2960	2964	2974	rVB6	150949	264200	27.19%	2.630%
93	20.919	2985	2992	2999	rVB3	359346	652328	67.14%	6.493%
94	21.078	3015	3019	3026	rVB3	193833	258959	26.65%	2.578%
95	21.149	3027	3031	3036	rVB3	114454	153456	15.79%	1.527%
96	21.384	3066	3071	3075	rBV2	160441	234577	24.14%	2.335%
97	21.448	3078	3082	3089	rVB7	92342	140120	14.42%	1.395%
98	21.701	3119	3125	3128	rBV	572433	971550	100.00%	9.670%
99	22.147	3196	3201	3208	rVB3	174541	320858	33.03%	3.194%
100	24.938	3669	3676	3684	rVB2	321109	862880	88.81%	8.589%

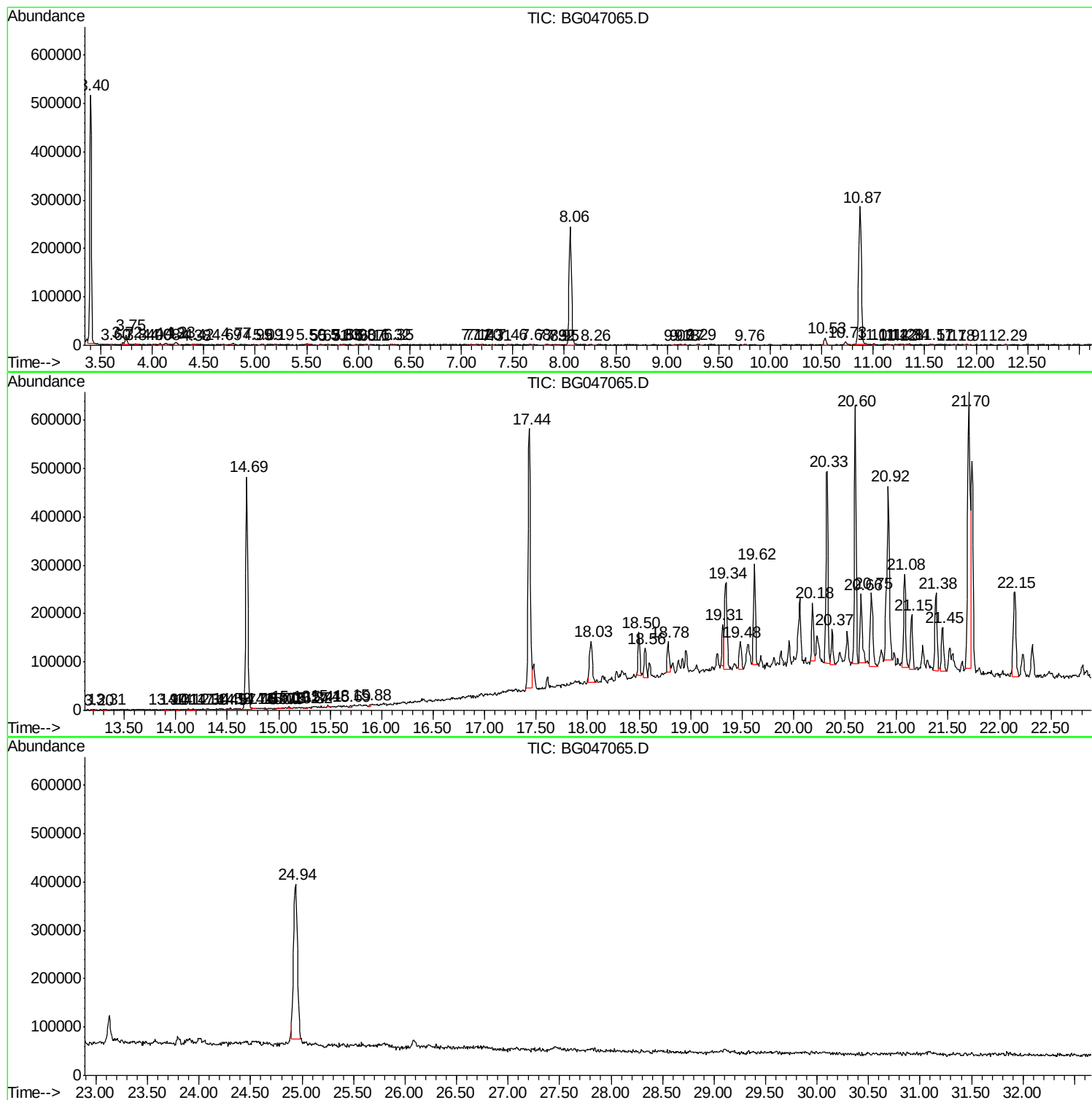
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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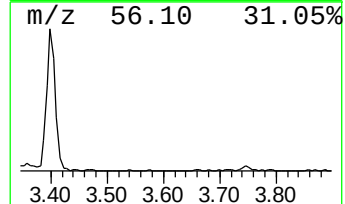
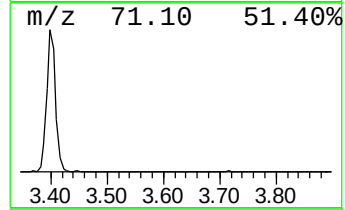
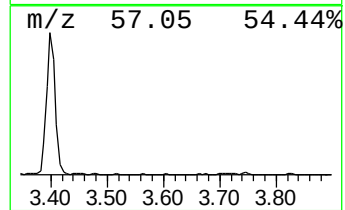
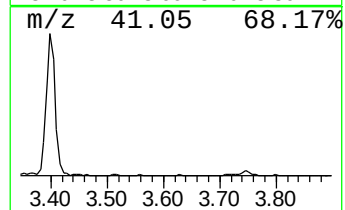
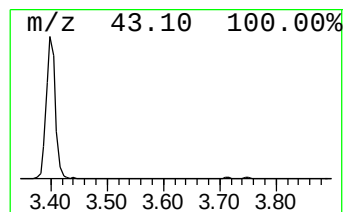
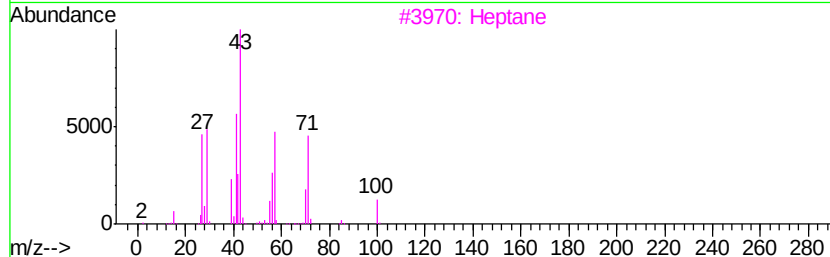
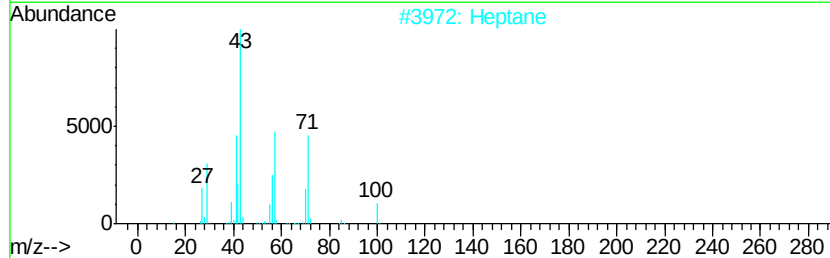
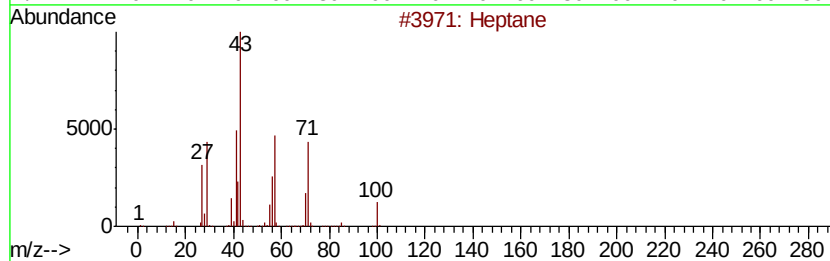
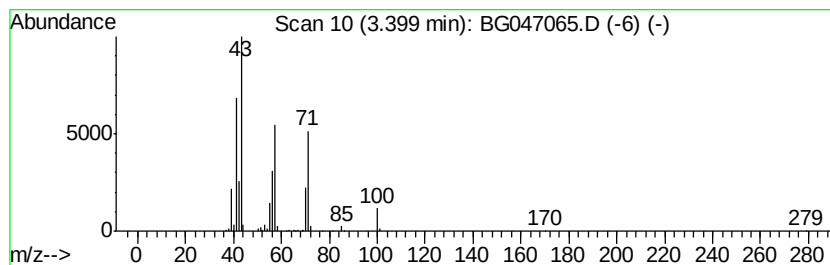
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	28.65 ng/ul	577505	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	94
2		Heptane	100	C7H16	000142-82-5	91
3		Heptane	100	C7H16	000142-82-5	91
4		Heptane	100	C7H16	000142-82-5	87
5		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	45



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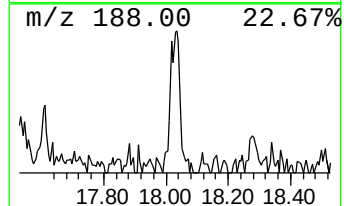
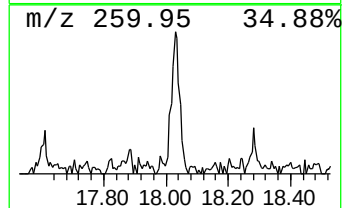
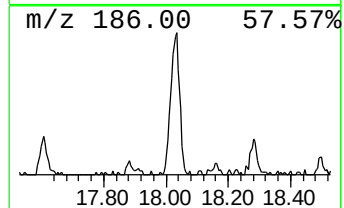
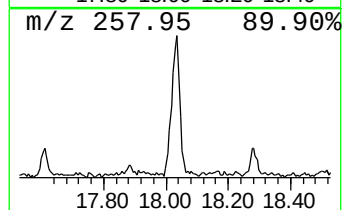
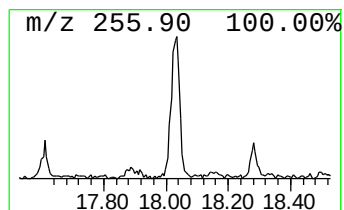
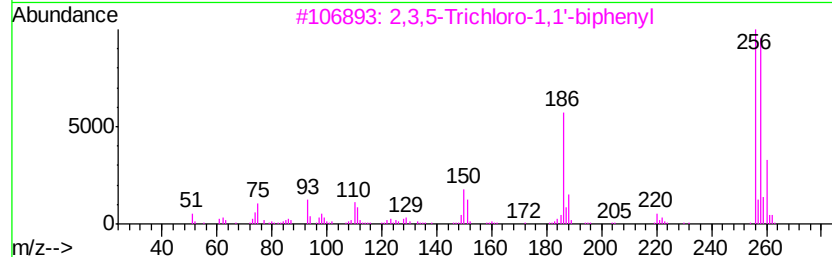
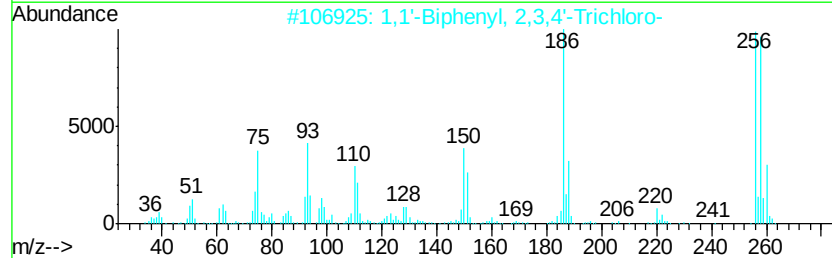
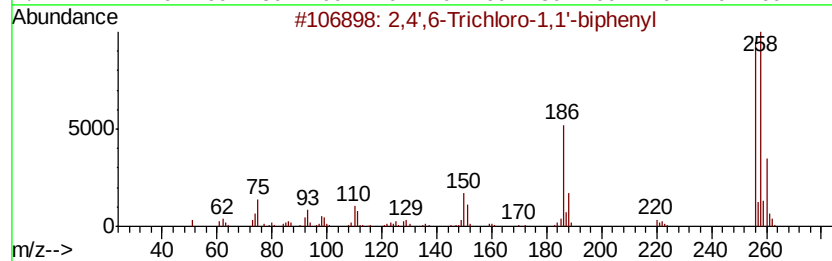
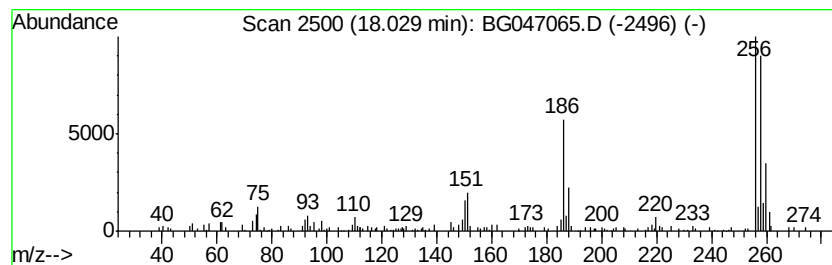
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2,4',6-Trichloro-1,1'-biphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	3.73 ng/ul	156579	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	95
2		1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	95
3		2,3,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	055720-44-0	95
4		1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	95
5		1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	95



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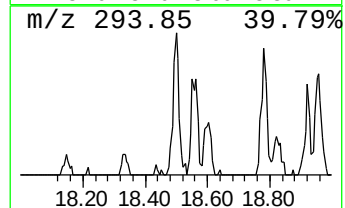
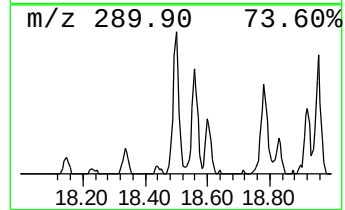
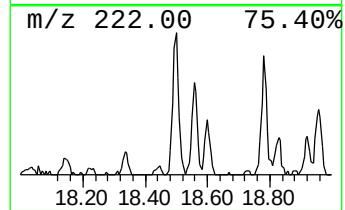
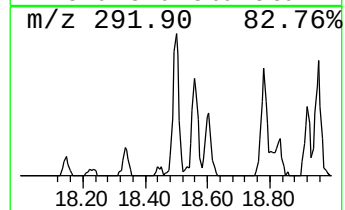
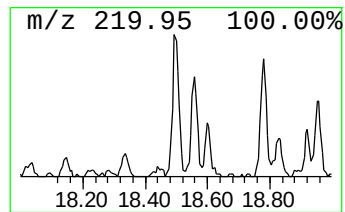
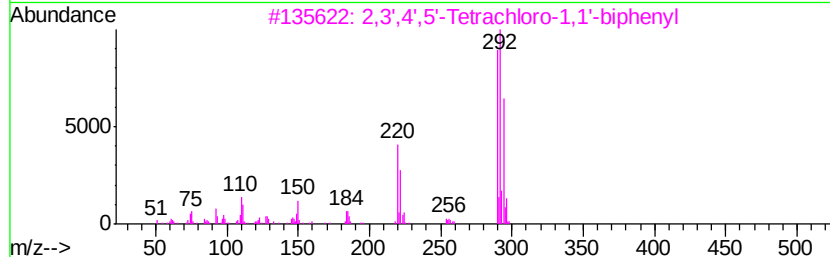
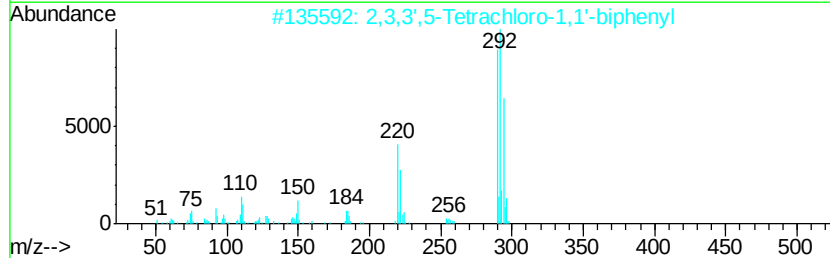
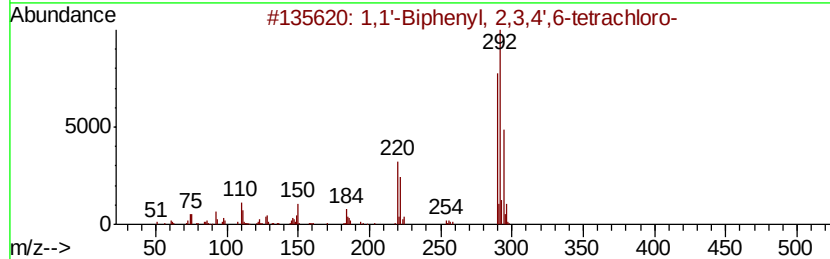
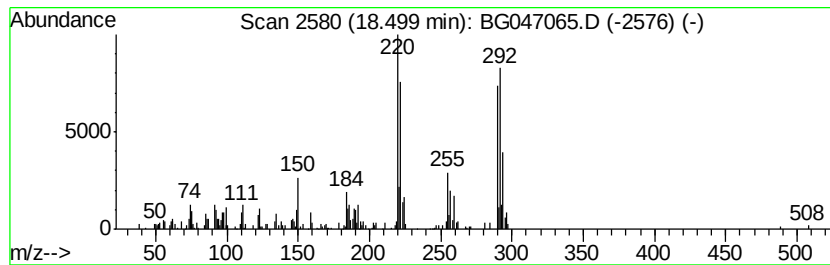
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Peak Number 3 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.50	2.74 ng/ul	115038	Phenanthrene-d10	17.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99	
2	2,3,3',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070424-67-8	98	
3	2,3',4',5'-Tetrachloro-1,1'-biph...	290	C12H6Cl4	070362-48-0	98	
4	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	98	
5	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	97	



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047065.D
Acq On : 23 Oct 2020 14:32
Operator : CG/JU
Sample : L4449-21
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

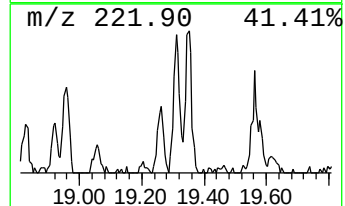
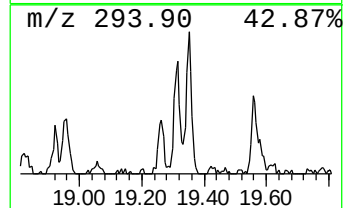
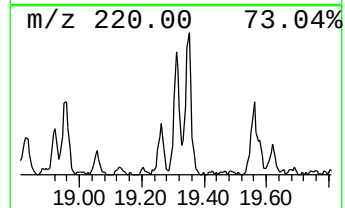
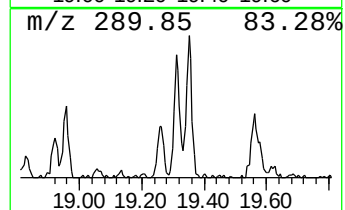
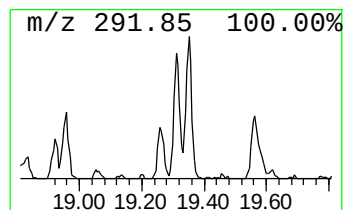
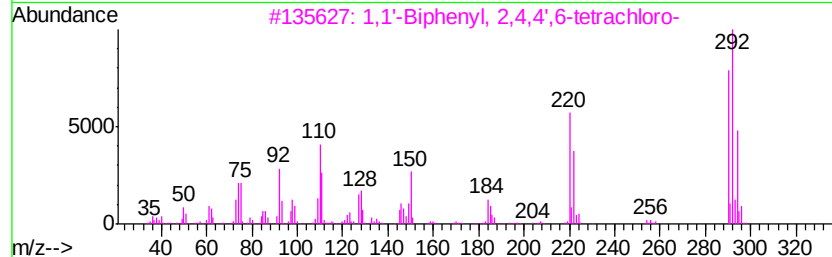
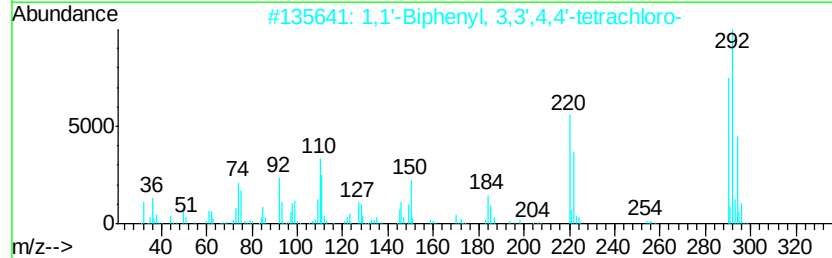
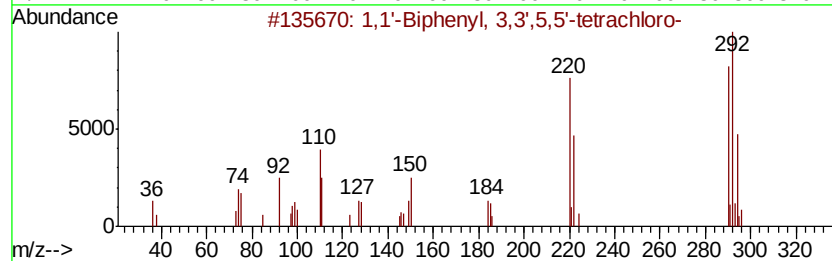
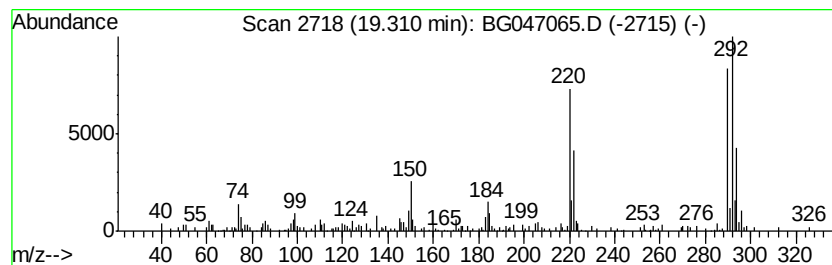
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Biphenyl, 3,3',5,5'-te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.31	2.45 ng/ul	102936	Phenanthrene-d10	17.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',5,5'-tetrachloro-	290	C12H6Cl4	033284-52-5	95	
2	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	290	C12H6Cl4	032598-13-3	95	
3	1,1'-Biphenyl, 2,4,4',6-tetrachloro-	290	C12H6Cl4	032598-12-2	95	
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	95	
5	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	95	



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047065.D
Acq On : 23 Oct 2020 14:32
Operator : CG/JU
Sample : L4449-21
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

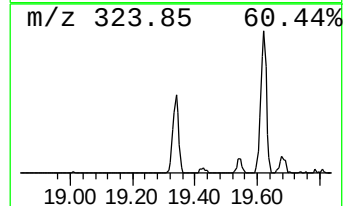
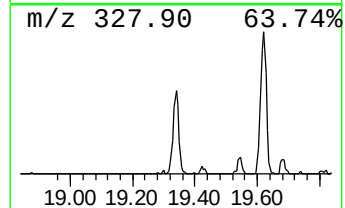
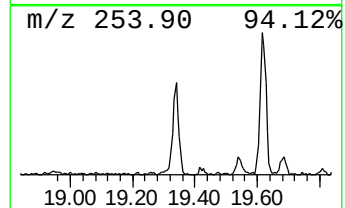
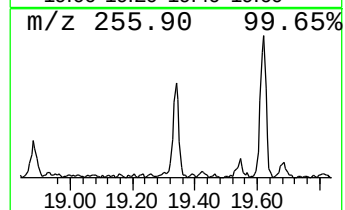
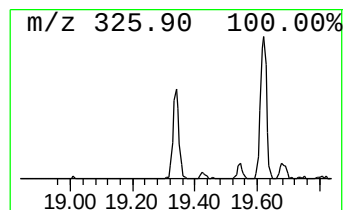
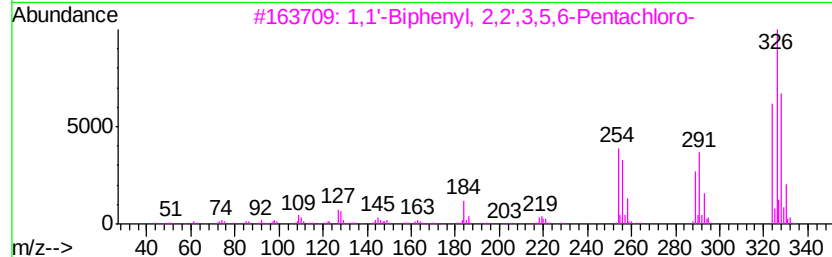
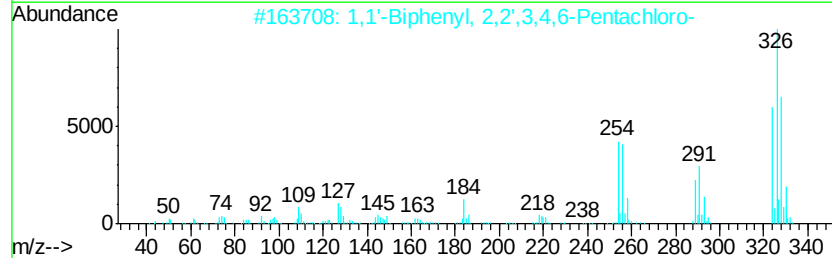
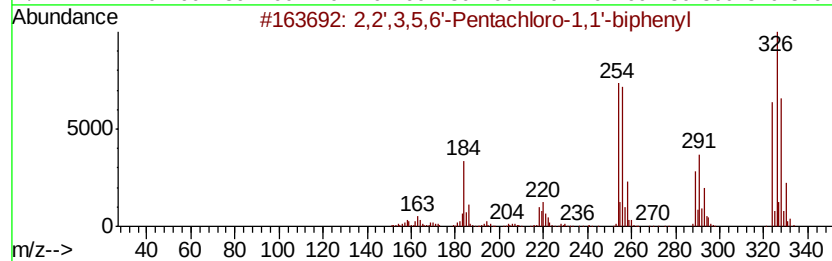
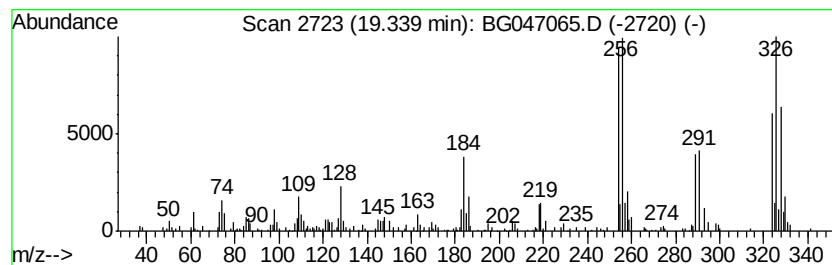
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.34	7.22 ng/ul	302890	Phenanthrene-d10	17.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	97
2	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	96
3	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	96
4	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	95
5	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047065.D
Acq On : 23 Oct 2020 14:32
Operator : CG/JU
Sample : L4449-21
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ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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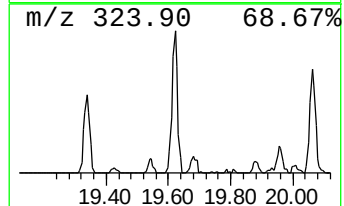
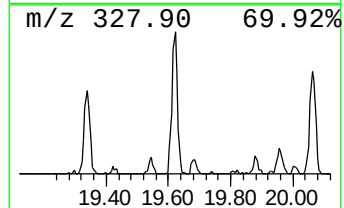
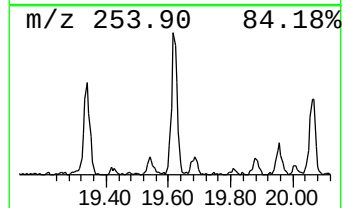
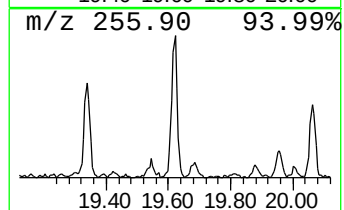
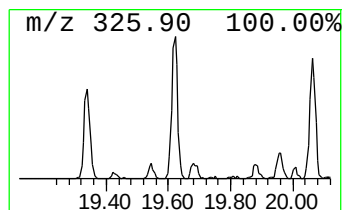
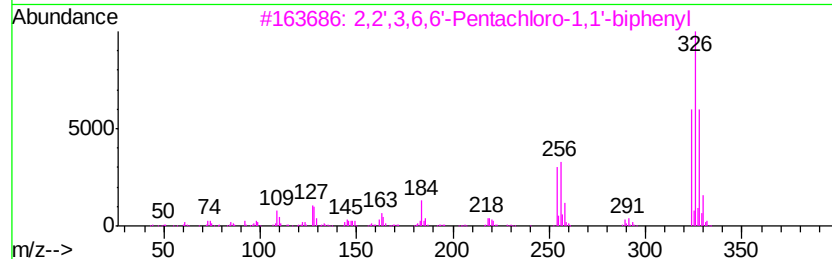
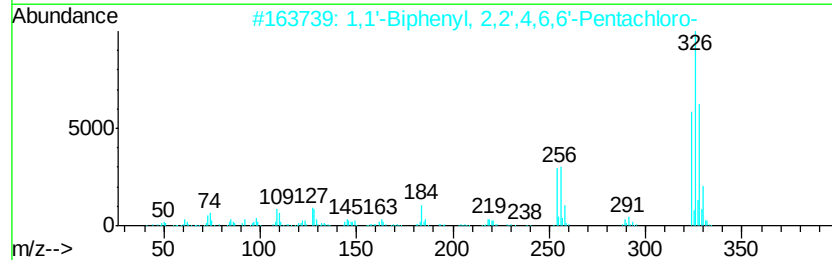
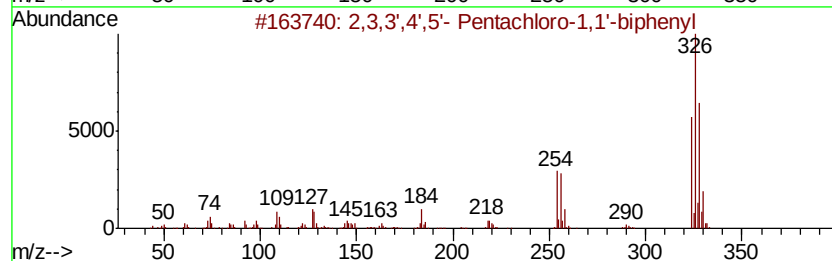
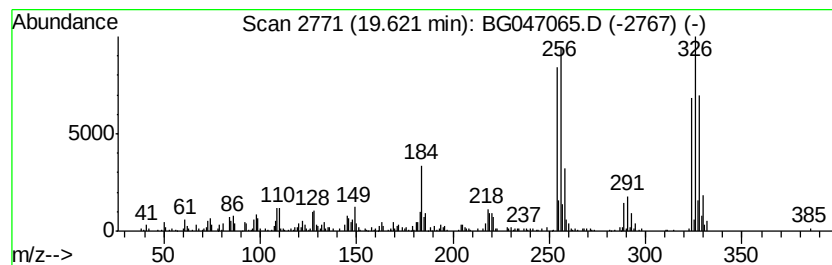
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2,3,3',4',5'- Pentachloro-1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	5.59 ng/ul	271353	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	96
2		1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	96
3		2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	96
4		2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	95
5		2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047065.D
Acq On : 23 Oct 2020 14:32
Operator : CG/JU
Sample : L4449-21
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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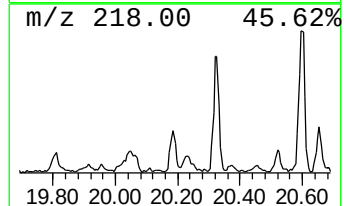
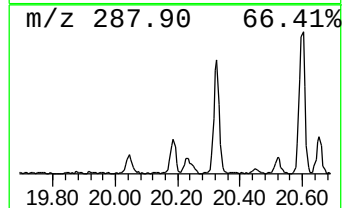
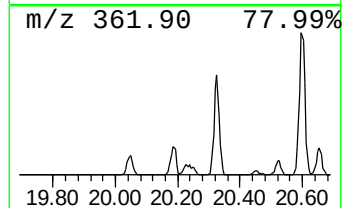
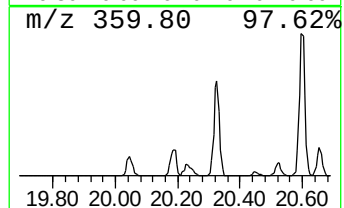
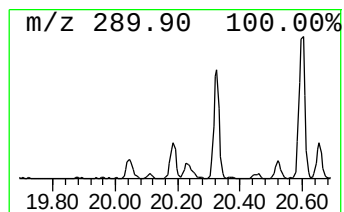
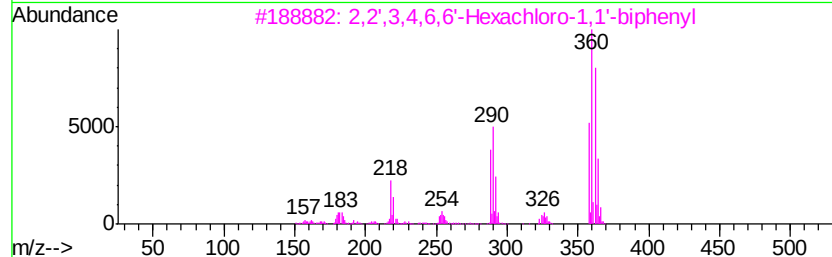
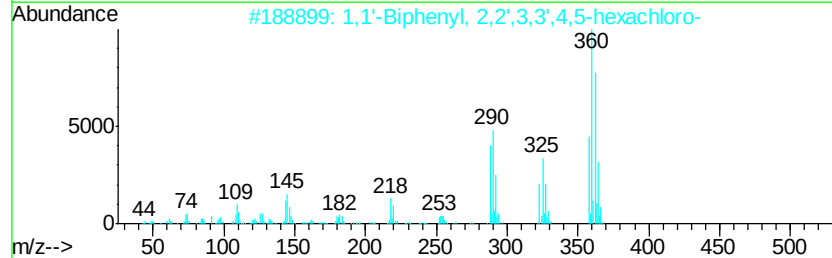
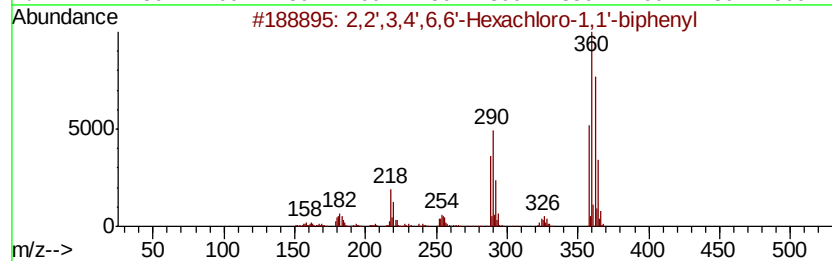
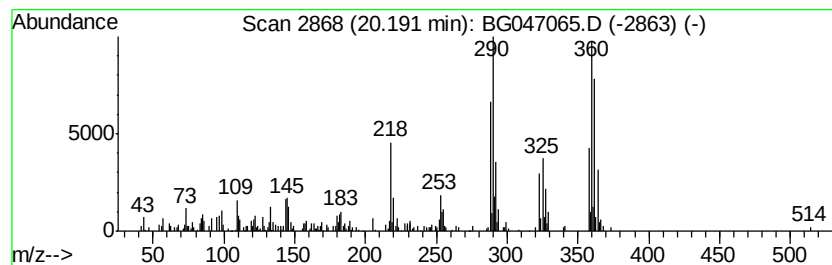
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2,2',3,4',6,6'-Hexachloro-1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	3.35 ng/ul	162716	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
2		1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	98
3		2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	98
4		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	98
5		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047065.D
Acq On : 23 Oct 2020 14:32
Operator : CG/JU
Sample : L4449-21
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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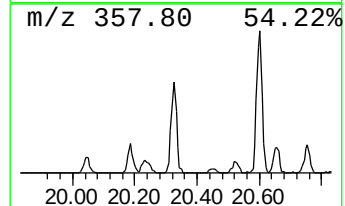
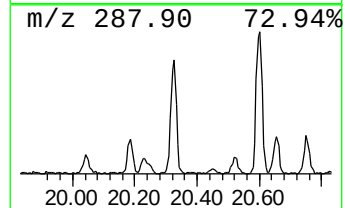
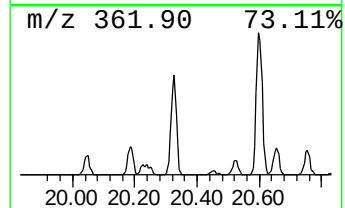
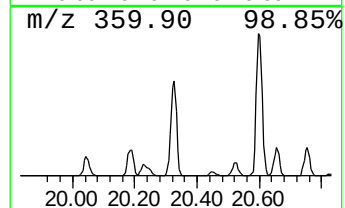
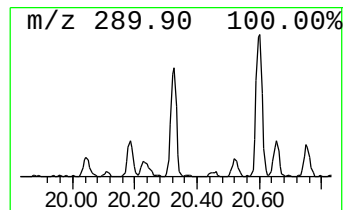
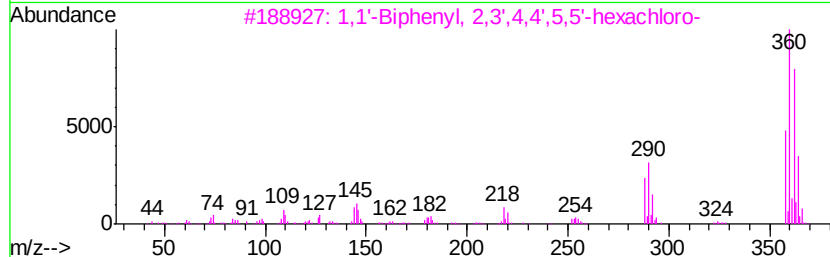
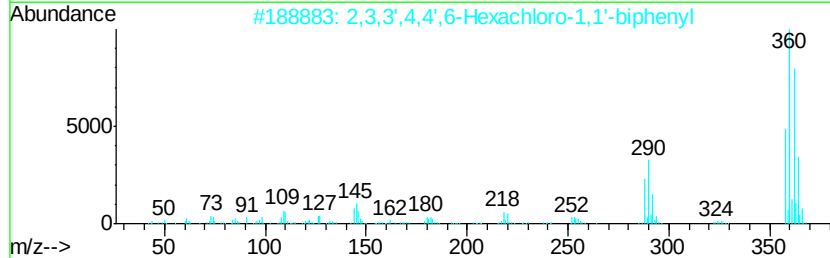
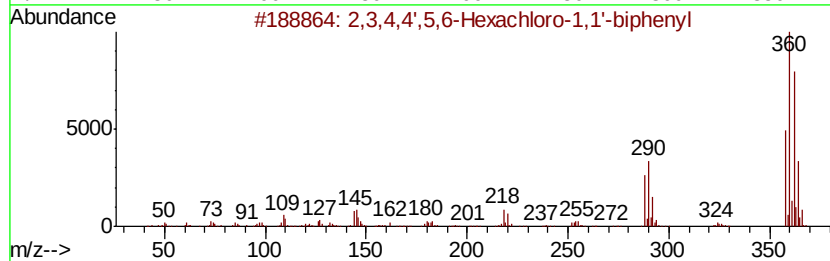
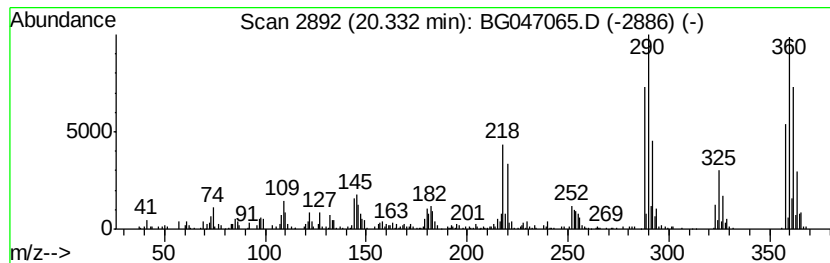
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	10.71 ng/ul	520455	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2		2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
3		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4		1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
5		2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047065.D
Acq On : 23 Oct 2020 14:32
Operator : CG/JU
Sample : L4449-21
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ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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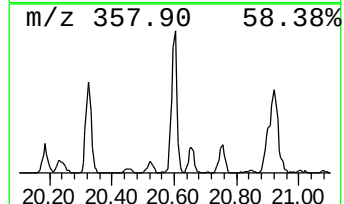
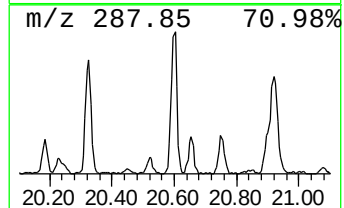
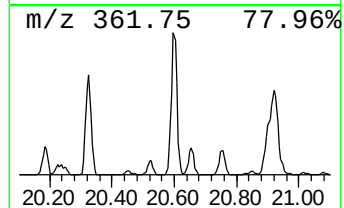
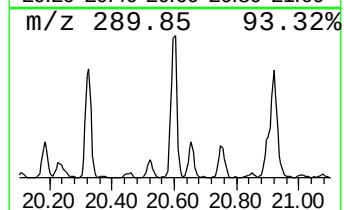
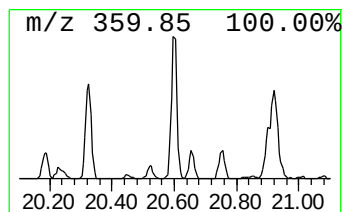
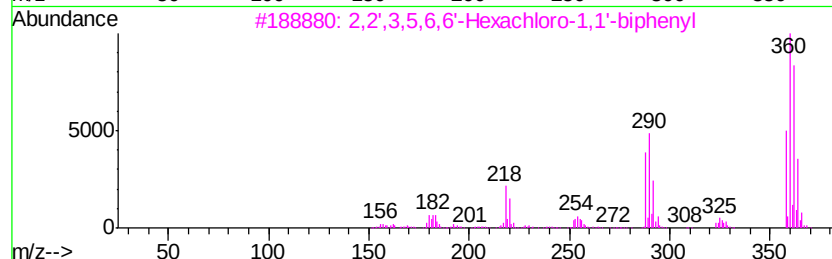
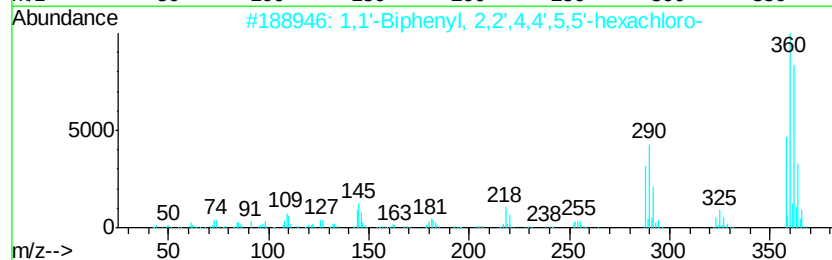
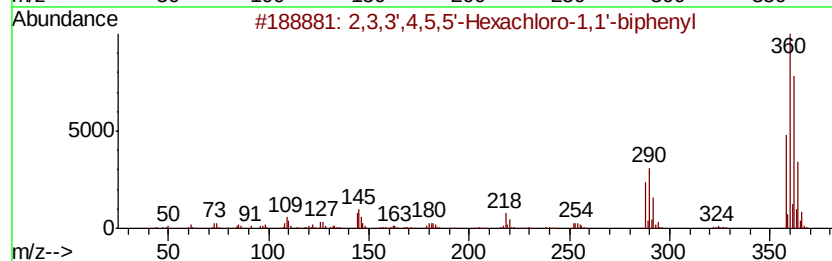
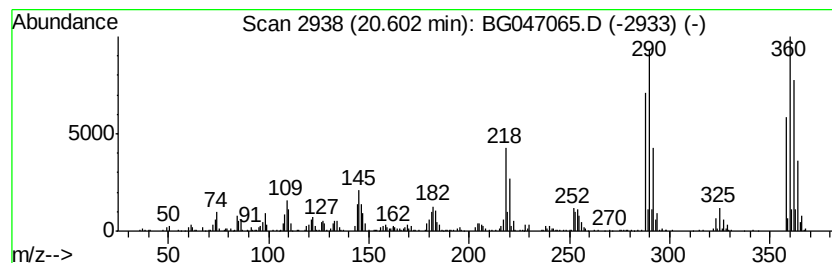
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	14.20 ng/ul	689788	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
2		1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3		2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
4		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5		2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047065.D
Acq On : 23 Oct 2020 14:32
Operator : CG/JU
Sample : L4449-21
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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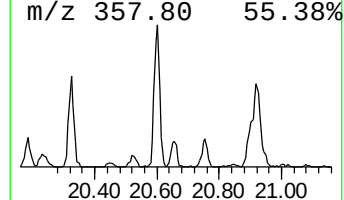
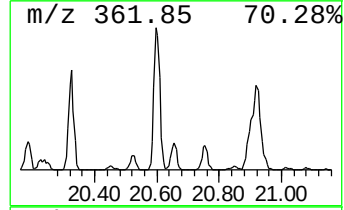
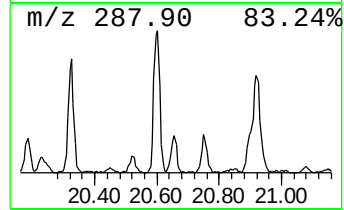
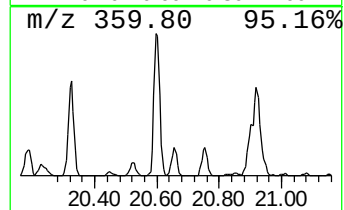
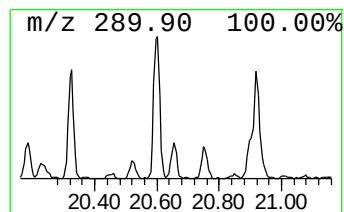
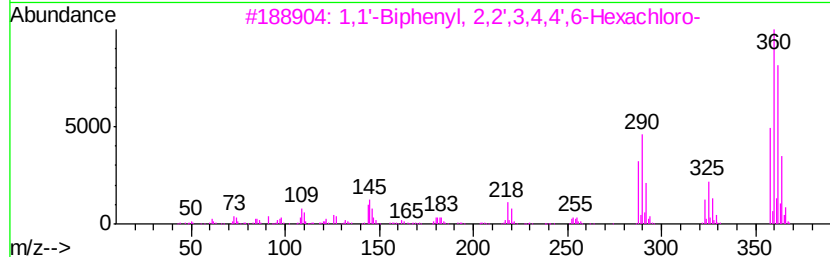
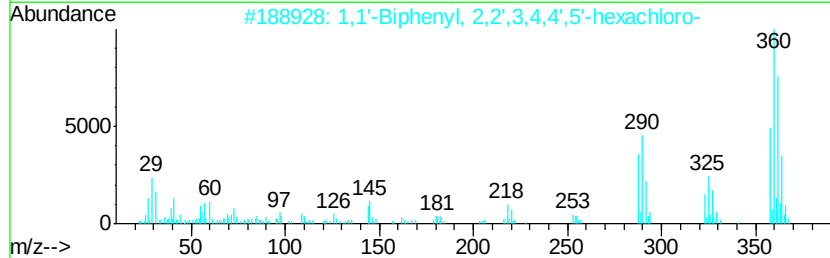
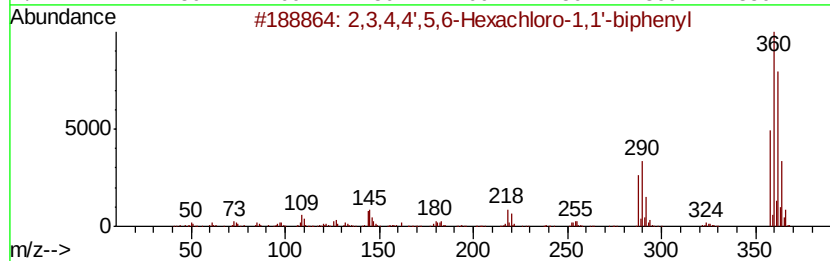
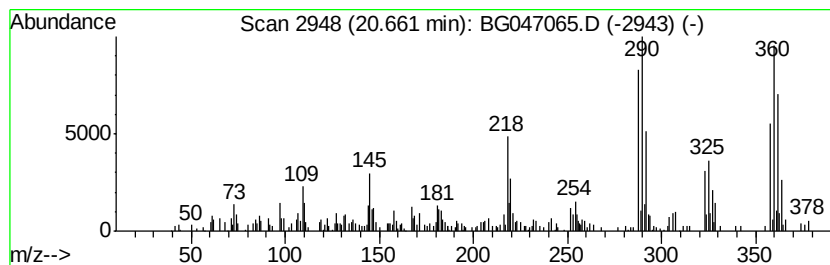
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	4.33 ng/ul	210252	Chrysene-d12	21.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99		
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99		
3	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99		
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99		
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047065.D
Acq On : 23 Oct 2020 14:32
Operator : CG/JU
Sample : L4449-21
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AF7

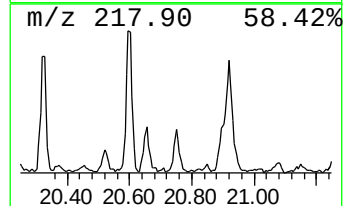
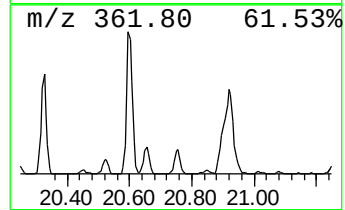
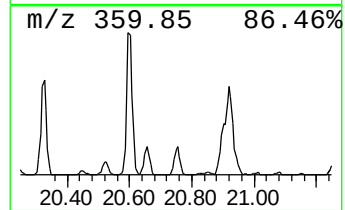
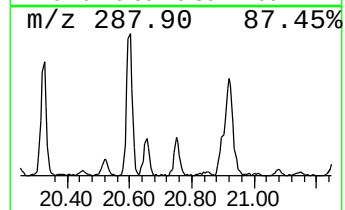
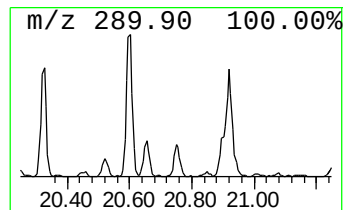
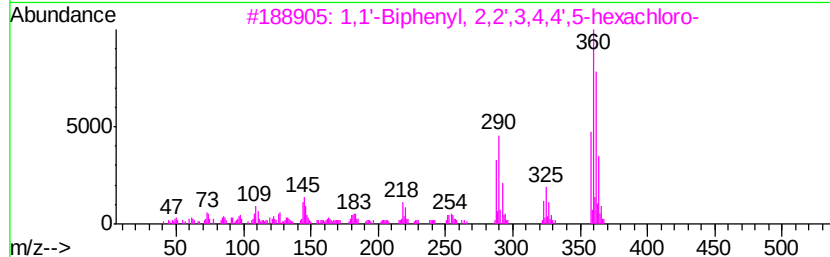
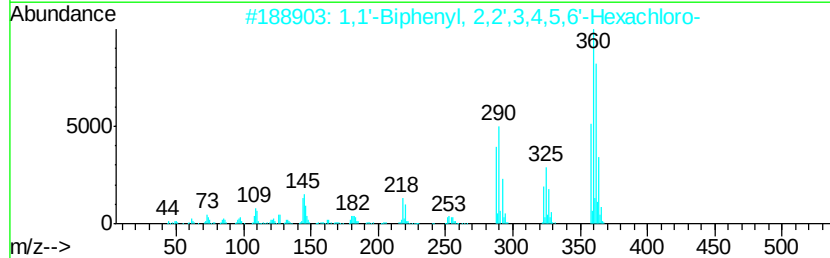
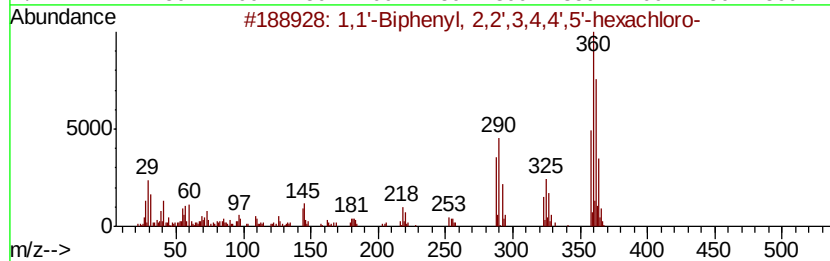
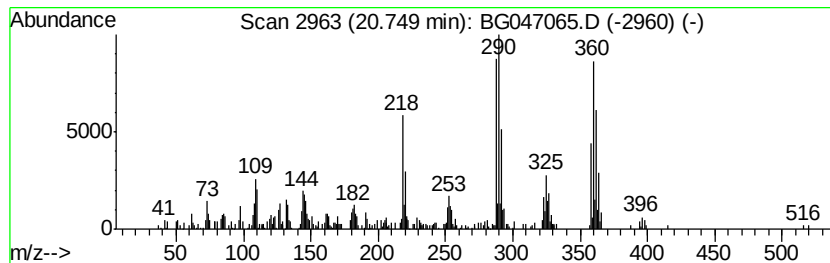
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	5.44 ng/ul	264200	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
2		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
3		1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
4		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
5		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047065.D
Acq On : 23 Oct 2020 14:32
Operator : CG/JU
Sample : L4449-21
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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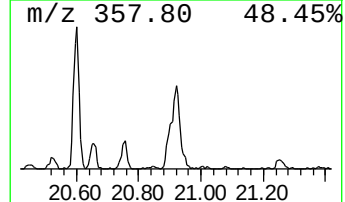
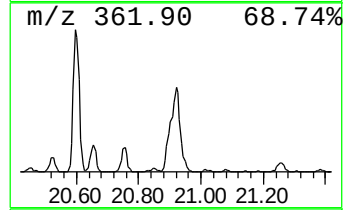
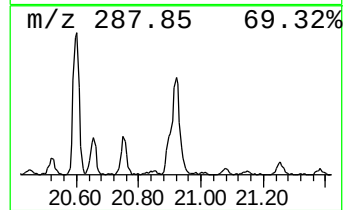
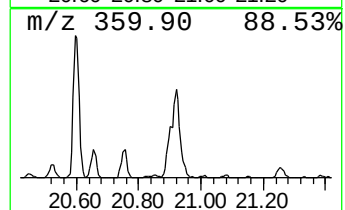
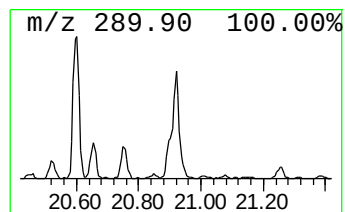
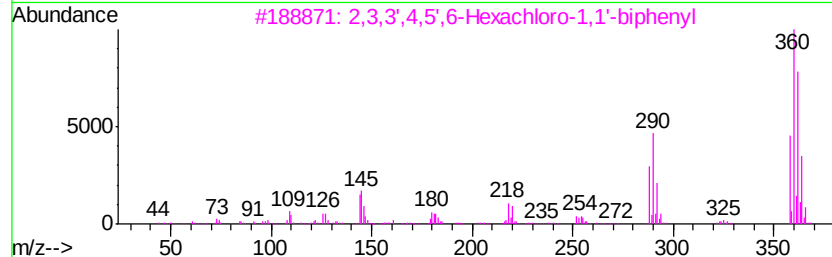
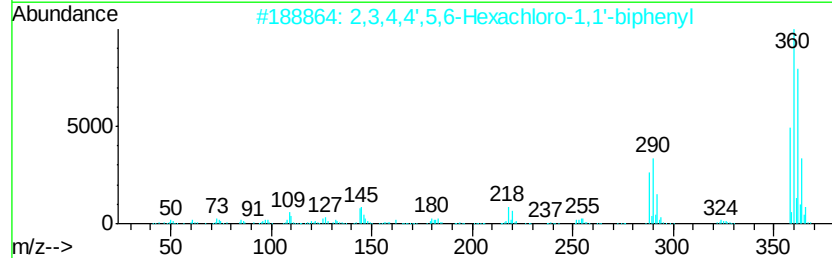
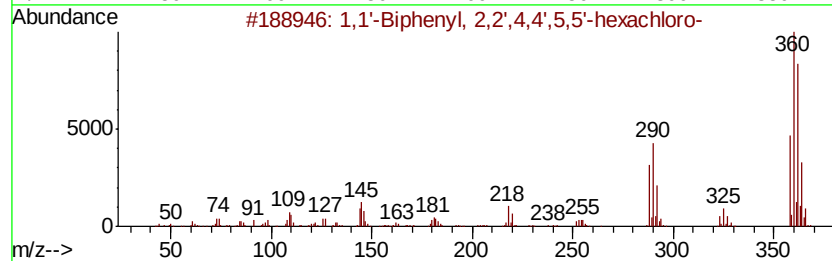
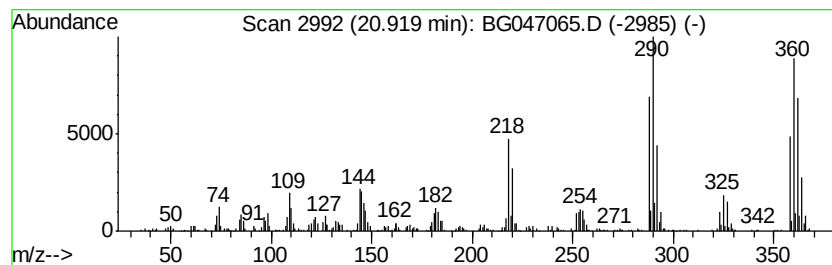
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	13.43 ng/ul	652328	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
2		2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3		2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
4		2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
5		2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047065.D
Acq On : 23 Oct 2020 14:32
Operator : CG/JU
Sample : L4449-21
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AF7

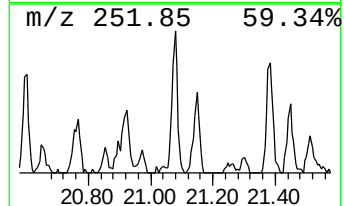
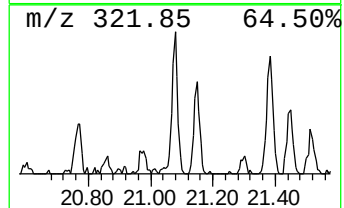
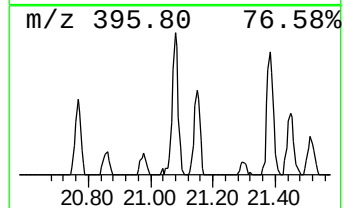
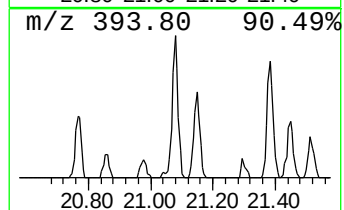
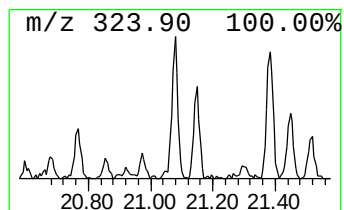
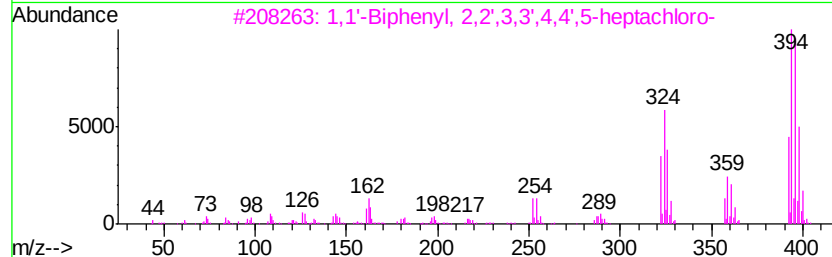
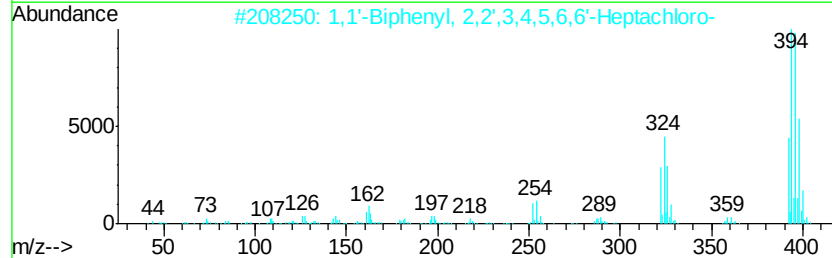
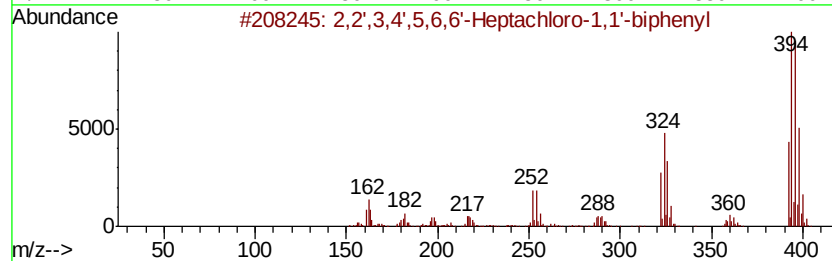
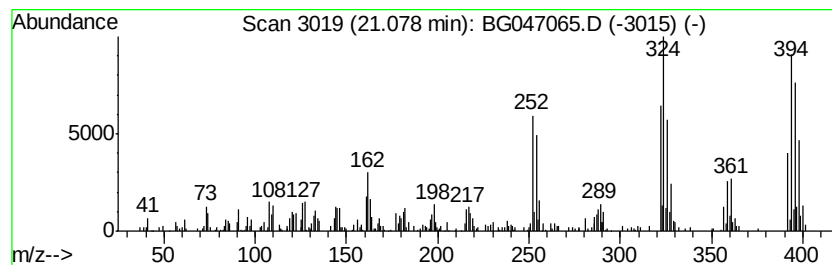
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	5.33 ng/ul	258959	Chrysene-d12	21.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99		
2	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99		
3	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99		
4	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99		
5	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047065.D
Acq On : 23 Oct 2020 14:32
Operator : CG/JU
Sample : L4449-21
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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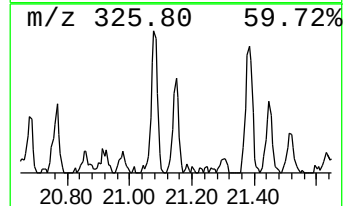
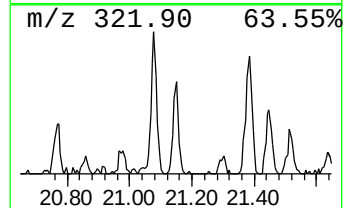
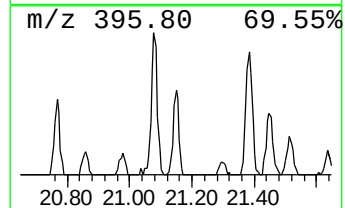
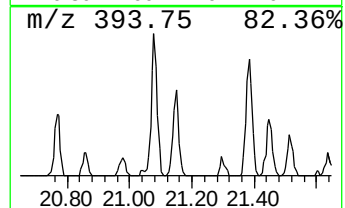
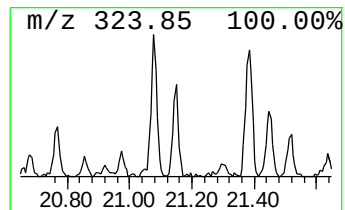
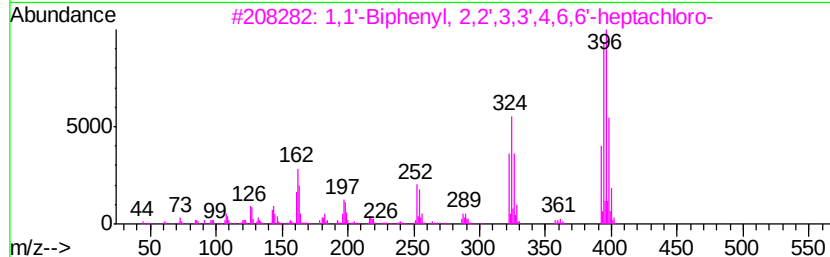
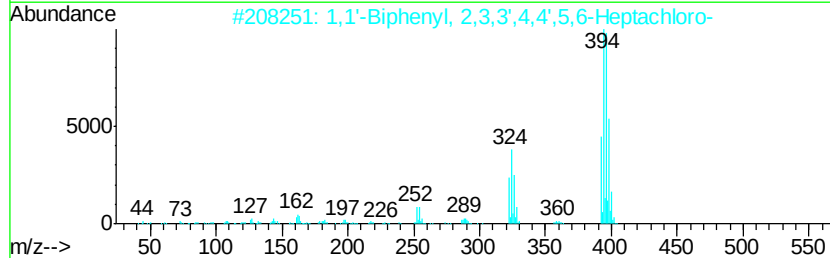
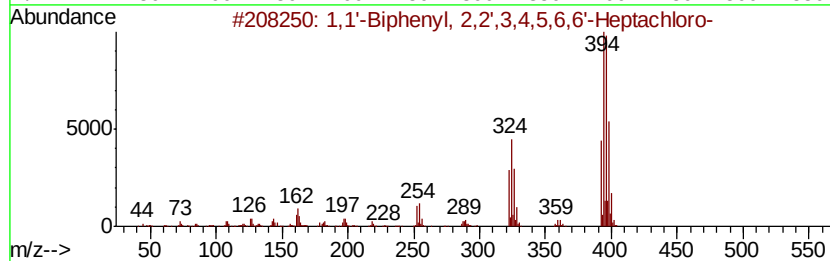
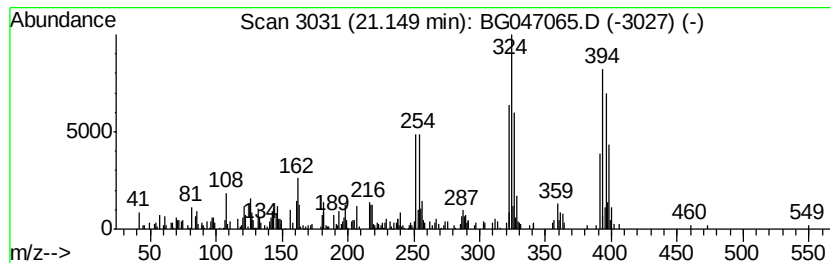
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	3.16 ng/ul	153456	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
2		1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
3		1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99
4		1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	97
5		1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047065.D
Acq On : 23 Oct 2020 14:32
Operator : CG/JU
Sample : L4449-21
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

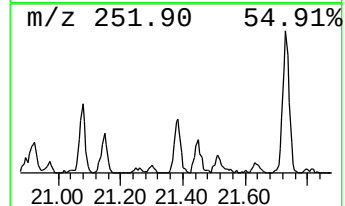
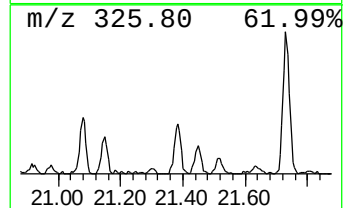
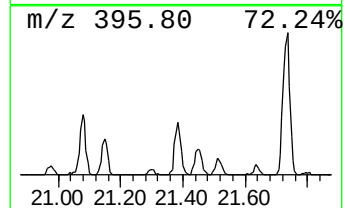
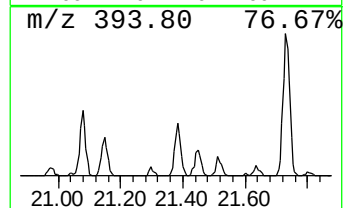
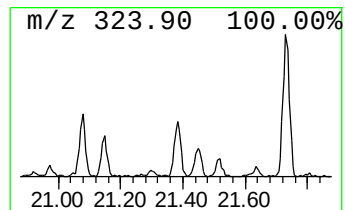
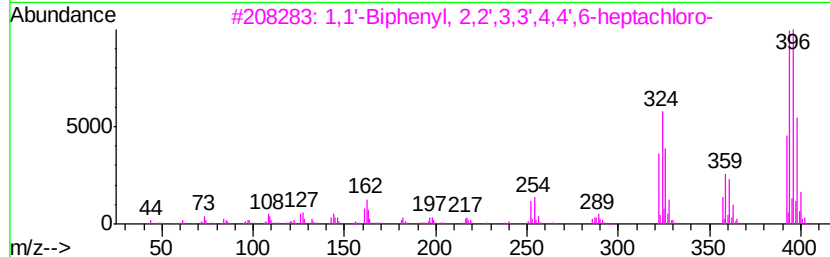
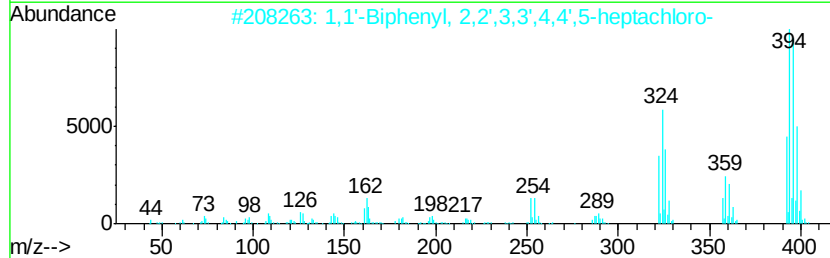
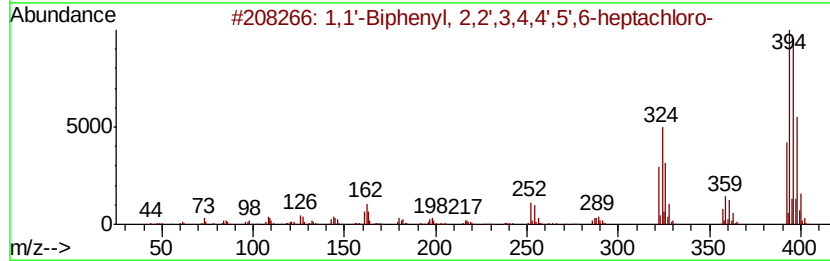
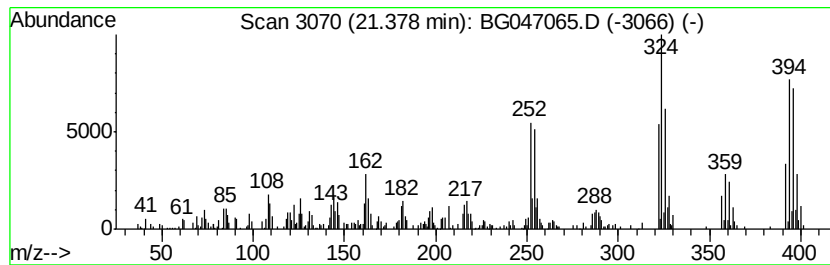
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.38	4.83 ng/ul	234577	Chrysene-d12	21.70		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99	
2	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99	
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99	
4	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99	
5	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047065.D
Acq On : 23 Oct 2020 14:32
Operator : CG/JU
Sample : L4449-21
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

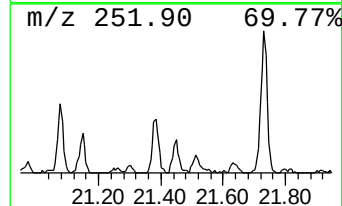
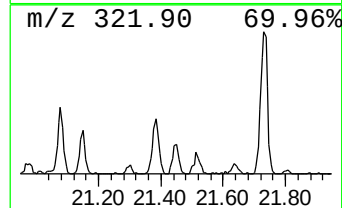
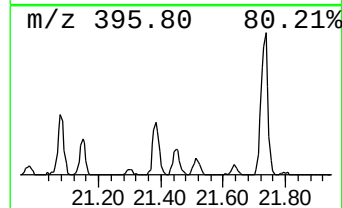
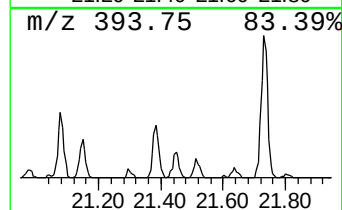
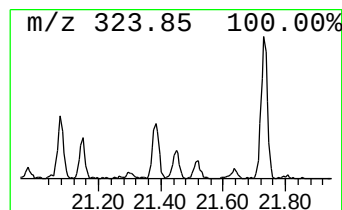
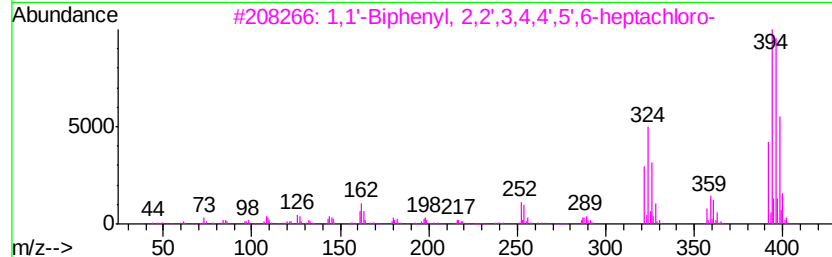
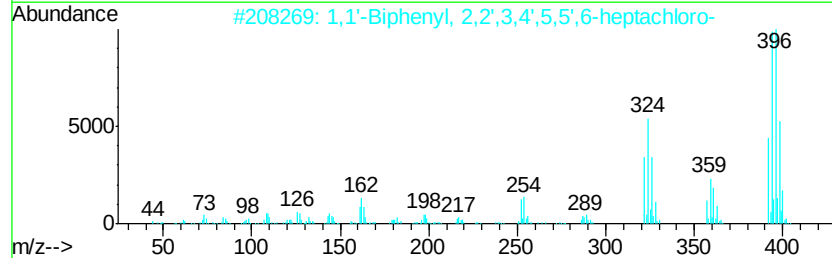
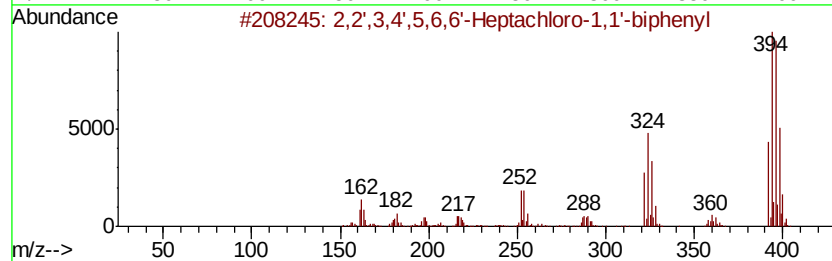
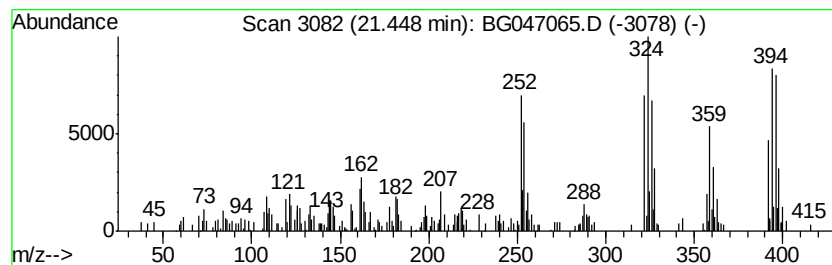
Instrument :
BNA_G
ClientSampleId :
C0AF7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 2,2',3,4',5,6,6'-Heptachlor... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.45	2.88 ng/ul	140120	Chrysene-d12	21.70		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99	
2	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99	
3	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99	
4	2,2',3,3',4,5,6-Heptachloro-1,1'...	392	C12H3Cl7	068194-16-1	99	
5	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047065.D
Acq On : 23 Oct 2020 14:32
Operator : CG/JU
Sample : L4449-21
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

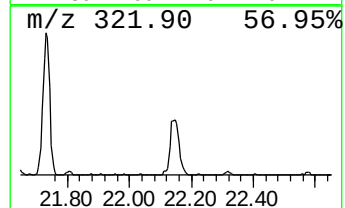
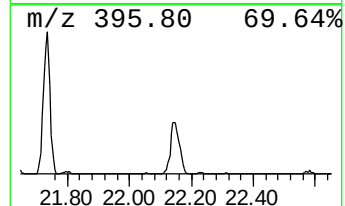
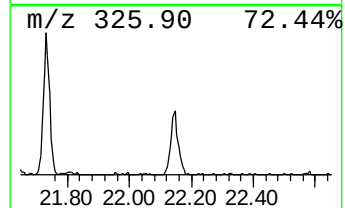
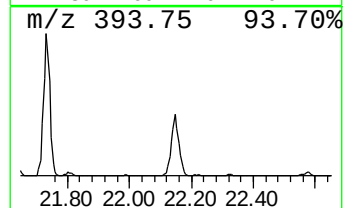
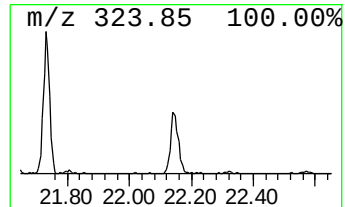
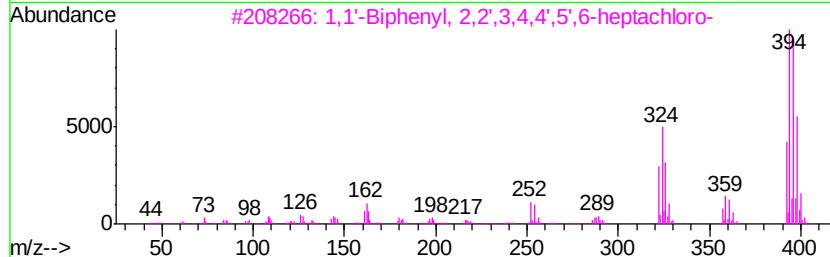
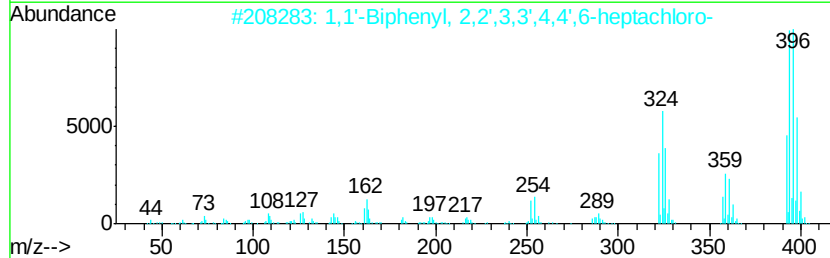
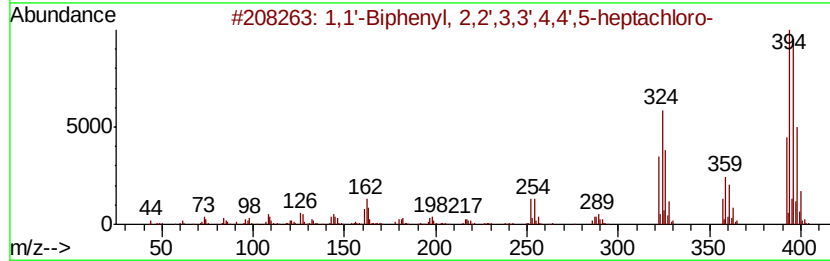
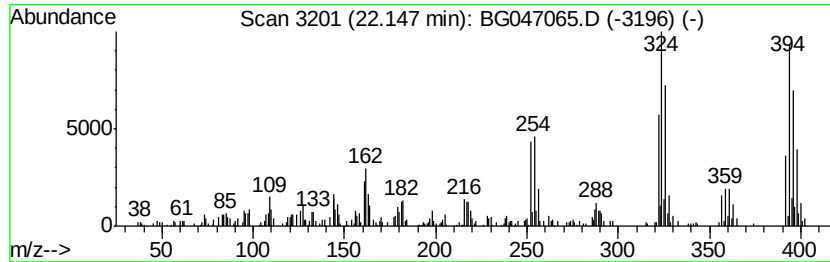
Instrument :
BNA_G
ClientSampleId :
C0AF7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.15	6.61 ng/ul	320858	Chrysene-d12	21.70		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99	
2	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99	
3	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99	
4	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99	
5	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102220\
 Data File : BG047065.D
 Acq On : 23 Oct 2020 14:32
 Operator : CG/JU
 Sample : L4449-21
 Misc : GCMS CONFIRMATION
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	3.40	28.6	ng/ul	577505	1	8.06	403113	20.0
2,4',6-Trichloro-...	18.03	3.7	ng/ul	156579	4	17.44	838871	20.0
1,1'-Biphenyl, 2,...	18.50	2.7	ng/ul	115038	4	17.44	838871	20.0
1,1'-Biphenyl, 3,...	19.31	2.5	ng/ul	102936	4	17.44	838871	20.0
2,2',3,5,6'-Penta...	19.34	7.2	ng/ul	302890	4	17.44	838871	20.0
2,3,3',4',5'- Pen...	19.62	5.6	ng/ul	271353	5	21.70	971550	20.0
2,2',3,4',6,6'-He...	20.19	3.4	ng/ul	162716	5	21.70	971550	20.0
2,3,4,4',5,6-Hexa...	20.33	10.7	ng/ul	520455	5	21.70	971550	20.0
2,3,3',4,5,5'-Hex...	20.60	14.2	ng/ul	689788	5	21.70	971550	20.0
unknown-01	20.66	4.3	ng/ul	210252	5	21.70	971550	20.0
1,1'-Biphenyl, 2,...	20.75	5.4	ng/ul	264200	5	21.70	971550	20.0
1,1'-Biphenyl, 2,...	20.92	13.4	ng/ul	652328	5	21.70	971550	20.0
unknown-02	21.08	5.3	ng/ul	258959	5	21.70	971550	20.0
1,1'-Biphenyl, 2,...	21.15	3.2	ng/ul	153456	5	21.70	971550	20.0
1,1'-Biphenyl, 2,...	21.38	4.8	ng/ul	234577	5	21.70	971550	20.0
2,2',3,4',5,6,6'-...	21.45	2.9	ng/ul	140120	5	21.70	971550	20.0
1,1'-Biphenyl, 2,...	22.15	6.6	ng/ul	320858	5	21.70	971550	20.0