

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
 Data File : BM023901.D
 Acq On : 26 Nov 2019 21:50
 Operator : JU
 Sample : K5985-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B07

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_M\METHODS\SOM-EPA-BM111119MA.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	2.928	4	7	9	rVB2	53015	56511	0.39%	0.034%
2	2.963	9	13	18	rVB	1252028	1185686	8.28%	0.706%
3	3.287	61	68	72	rVB3	70330	106141	0.74%	0.063%
4	3.658	128	131	141	rVB2	41964	65842	0.46%	0.039%
5	3.752	143	147	153	rVB2	49071	65841	0.46%	0.039%
6	7.057	706	709	715	rVB6	15176	32169	0.22%	0.019%
7	7.493	775	783	795	rBV	1809775	2964876	20.70%	1.765%
8	7.634	801	807	816	rVB2	44523	98715	0.69%	0.059%
9	8.845	1002	1013	1019	rBV2	8342	27643	0.19%	0.016%
10	10.269	1245	1255	1262	rBV	1920599	3202249	22.36%	1.906%
11	11.957	1535	1542	1548	rBV	16784	32628	0.23%	0.019%
12	12.175	1573	1579	1584	rBV	13721	24421	0.17%	0.015%
13	12.992	1712	1718	1725	rBV9	21751	46795	0.33%	0.028%
14	13.328	1769	1775	1783	rBV8	12195	32716	0.23%	0.019%
15	13.480	1796	1801	1805	rBV4	19604	34953	0.24%	0.021%
16	14.086	1900	1904	1908	rVB3	15859	21205	0.15%	0.013%
17	14.157	1909	1916	1925	rBV	3906060	5588557	39.02%	3.327%
18	14.569	1979	1986	1992	rVV2	40976	80463	0.56%	0.048%
19	14.645	1996	1999	2003	rVV4	15785	23391	0.16%	0.014%
20	14.792	2019	2024	2030	rBV7	16724	38827	0.27%	0.023%
21	14.957	2045	2052	2056	rBV7	19703	40391	0.28%	0.024%
22	15.045	2063	2067	2072	rVB4	20996	29279	0.20%	0.017%
23	15.216	2091	2096	2101	rBV3	34456	57675	0.40%	0.034%
24	15.439	2130	2134	2136	rBV5	14313	22183	0.15%	0.013%
25	15.733	2180	2184	2192	rBV7	13141	26551	0.19%	0.016%
26	15.904	2209	2213	2216	rBV3	48887	73342	0.51%	0.044%
27	16.045	2231	2237	2244	rBV10	27350	60748	0.42%	0.036%
28	16.221	2261	2267	2271	rBV8	21744	41434	0.29%	0.025%
29	16.363	2289	2291	2298	rVB8	12652	22404	0.16%	0.013%
30	16.451	2303	2306	2309	rBV5	22461	30845	0.22%	0.018%
31	16.574	2323	2327	2336	rBV	74116	126719	0.88%	0.075%
32	16.645	2336	2339	2344	rBV7	13061	22079	0.15%	0.013%
33	16.698	2344	2348	2352	rBV	67067	95221	0.66%	0.057%
34	16.798	2362	2365	2368	rVB2	33123	36603	0.26%	0.022%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
 Data File : BM023901.D
 Acq On : 26 Nov 2019 21:50
 Operator : JU
 Sample : K5985-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B07

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_M\METHODS\SOM-EPA-BM111119MA.M
 Title : SVOA CALIBRATION

35	16.833	2368	2371	2377	rVB6	29006	36699	0.26%	0.022%
36	16.910	2378	2384	2389	rBV	3929730	5642335	39.39%	3.359%
37	16.951	2389	2391	2398	rVB	406009	485827	3.39%	0.289%
38	17.092	2411	2415	2424	rVB3	76739	133248	0.93%	0.079%
39	17.168	2424	2428	2431	rBV6	15319	25628	0.18%	0.015%
40	17.368	2459	2462	2465	rBV4	31173	33488	0.23%	0.020%
41	17.439	2471	2474	2477	rVB	48562	54969	0.38%	0.033%
42	17.515	2481	2487	2493	rVB2	235474	496997	3.47%	0.296%
43	17.633	2502	2507	2514	rVB3	122524	221260	1.54%	0.132%
44	17.768	2525	2530	2532	rBV2	88529	130466	0.91%	0.078%
45	17.833	2536	2541	2549	rVB2	107129	213117	1.49%	0.127%
46	17.986	2561	2567	2573	rBV	4681396	6210780	43.36%	3.697%
47	18.051	2573	2578	2582	rVV	1074005	1472659	10.28%	0.877%
48	18.092	2582	2585	2589	rVV	248112	315222	2.20%	0.188%
49	18.133	2589	2592	2596	rVB2	48206	56434	0.39%	0.034%
50	18.274	2611	2616	2621	rBV	1982587	2631410	18.37%	1.567%
51	18.321	2621	2624	2630	rVB3	161259	211900	1.48%	0.126%
52	18.380	2631	2634	2637	rVV4	36157	47522	0.33%	0.028%
53	18.415	2637	2640	2643	rVV3	170004	223508	1.56%	0.133%
54	18.451	2643	2646	2652	rVB	676219	876465	6.12%	0.522%
55	18.521	2653	2658	2660	rBV5	86314	140364	0.98%	0.084%
56	18.551	2660	2663	2667	rVB3	140459	191144	1.33%	0.114%
57	18.598	2669	2671	2675	rVB4	29009	35287	0.25%	0.021%
58	18.715	2686	2691	2695	rBV2	99828	182445	1.27%	0.109%
59	18.768	2695	2700	2703	rVV	948823	1194586	8.34%	0.711%
60	18.845	2703	2713	2722	rVV2	6819101	12500090	87.27%	7.441%
61	18.933	2723	2728	2732	rVV	996610	1266383	8.84%	0.754%
62	18.980	2732	2736	2741	rVB	250815	329322	2.30%	0.196%
63	19.057	2744	2749	2756	rBV2	1586980	2640091	18.43%	1.572%
64	19.133	2756	2762	2768	rVV	9938797	14323441	100.00%	8.527%
65	19.198	2768	2773	2778	rVB	4043151	4871136	34.01%	2.900%
66	19.268	2781	2785	2789	rVB	152448	189365	1.32%	0.113%
67	19.327	2790	2795	2799	rBV	434299	575666	4.02%	0.343%
68	19.398	2802	2807	2812	rVV	2771005	3509719	24.50%	2.089%
69	19.474	2812	2820	2825	rVV	4852870	6085536	42.49%	3.623%
70	19.527	2825	2829	2832	rVV	1630074	2070488	14.46%	1.233%
71	19.586	2832	2839	2844	rVB	10274231	13419940	93.69%	7.989%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
 Data File : BM023901.D
 Acq On : 26 Nov 2019 21:50
 Operator : JU
 Sample : K5985-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B07

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_M\METHODS\SOM-EPA-BM111119MA.M
 Title : SVOA CALIBRATION

72	19.727	2855	2863	2865	rBV2	1101882	2359640	16.47%	1.405%
73	19.751	2865	2867	2873	rVV2	710133	1190602	8.31%	0.709%
74	19.804	2873	2876	2878	rVV	463687	534583	3.73%	0.318%
75	19.851	2878	2884	2888	rVV2	4342370	6066293	42.35%	3.611%
76	19.904	2888	2893	2898	rVB	8764228	10754143	75.08%	6.402%
77	19.974	2901	2905	2910	rVB	438710	554819	3.87%	0.330%
78	20.051	2911	2918	2923	rBV2	887699	1487841	10.39%	0.886%
79	20.127	2926	2931	2936	rBV	5227565	6275596	43.81%	3.736%
80	20.180	2936	2940	2942	rVV	2584383	3145066	21.96%	1.872%
81	20.209	2942	2945	2950	rVB	3960302	4560148	31.84%	2.715%
82	20.280	2953	2957	2963	rVB2	1165914	1520327	10.61%	0.905%
83	20.351	2965	2969	2971	rBV	547626	648459	4.53%	0.386%
84	20.374	2971	2973	2977	rVV2	521534	591367	4.13%	0.352%
85	20.445	2977	2985	2992	rVV	6509998	10680865	74.57%	6.358%
86	20.527	2996	2999	3003	rVB	420251	489749	3.42%	0.292%
87	20.592	3007	3010	3017	rVB4	418021	571180	3.99%	0.340%
88	20.656	3018	3021	3024	rBV2	264687	289356	2.02%	0.172%
89	20.751	3033	3037	3041	rBV	2103757	2379893	16.62%	1.417%
90	20.862	3052	3056	3061	rBV2	481331	588280	4.11%	0.350%
91	20.915	3062	3065	3070	rVB4	259262	319415	2.23%	0.190%
92	20.974	3072	3075	3076	rBV2	164374	164904	1.15%	0.098%
93	21.004	3076	3080	3085	rVB	926154	1113699	7.78%	0.663%
94	21.051	3085	3088	3094	rBV2	242291	399303	2.79%	0.238%
95	21.115	3094	3099	3103	rVV	3869796	4956366	34.60%	2.951%
96	21.151	3103	3105	3112	rVB2	955098	1011920	7.06%	0.602%
97	21.386	3141	3145	3150	rBV	1372852	1635864	11.42%	0.974%
98	21.456	3153	3157	3162	rVV2	595912	777455	5.43%	0.463%
99	21.603	3180	3182	3187	rVB	234768	231097	1.61%	0.138%
100	23.262	3459	3464	3473	rVB2	2766646	5221465	36.45%	3.108%

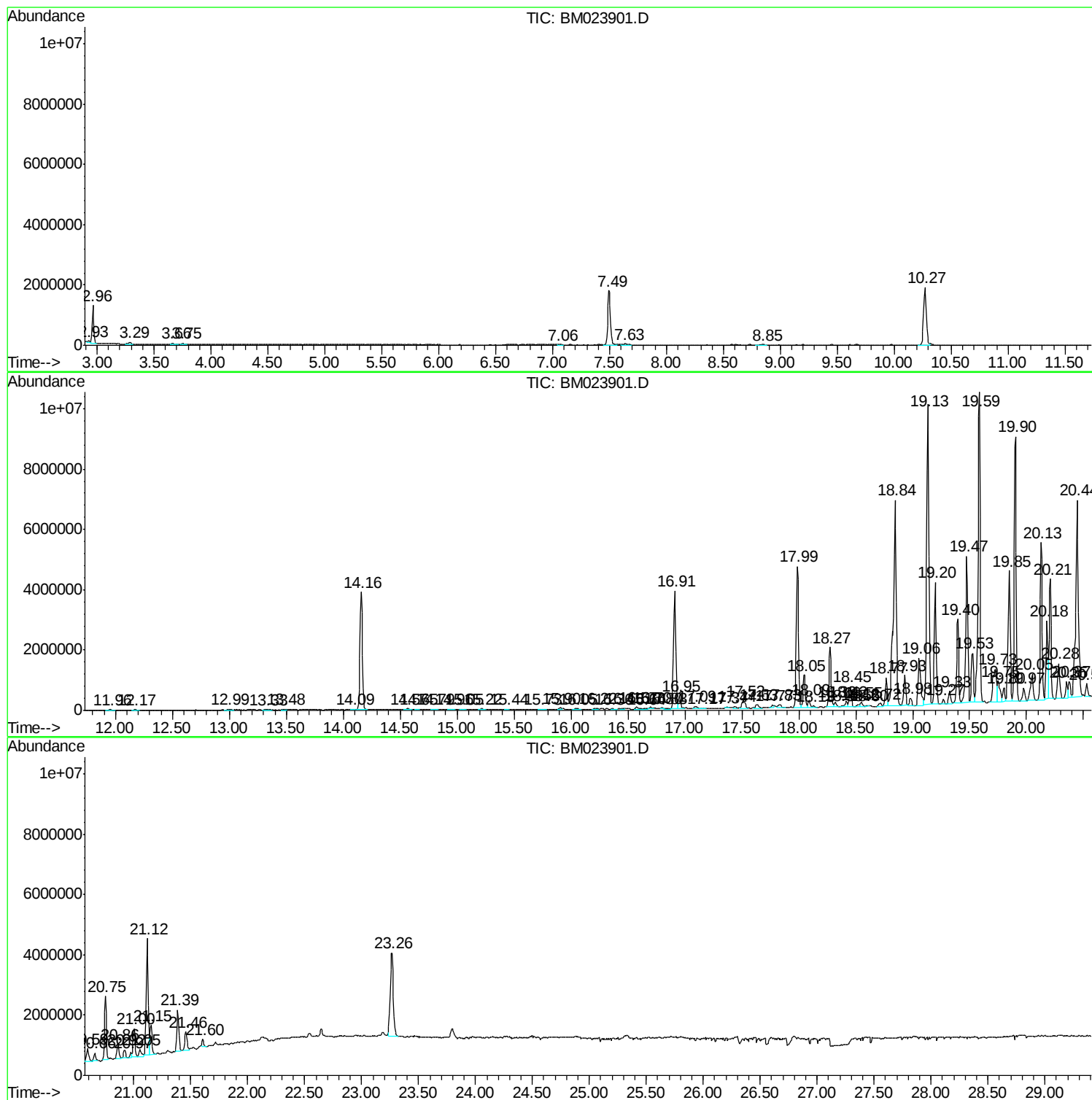
Sum of corrected areas: 167979735

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

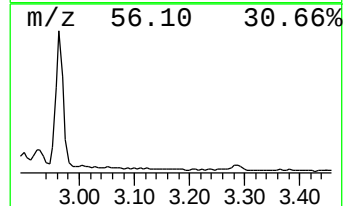
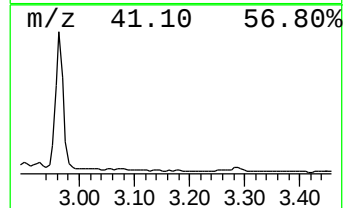
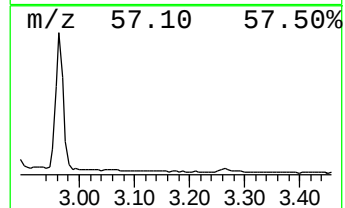
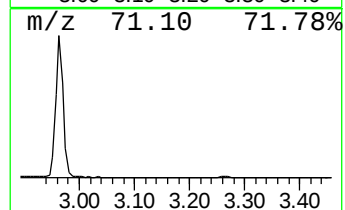
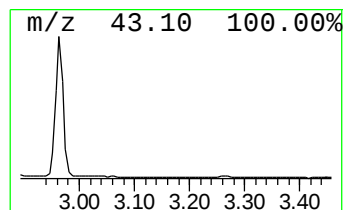
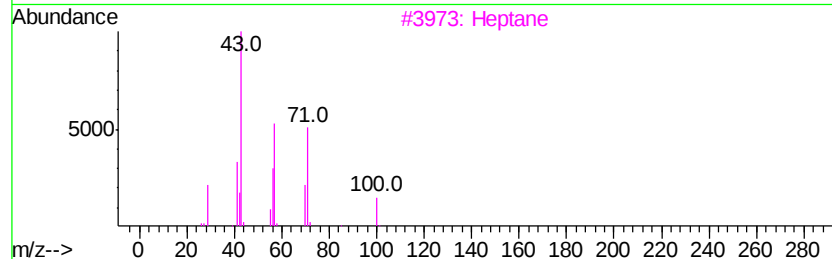
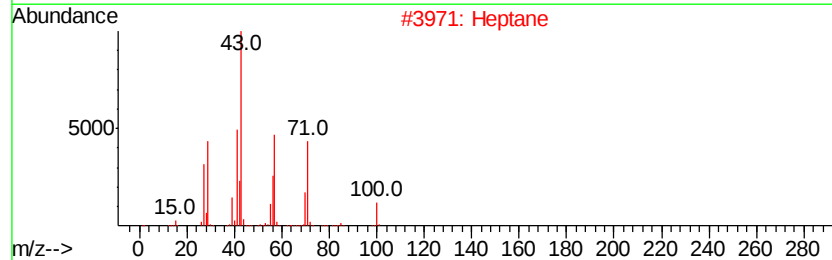
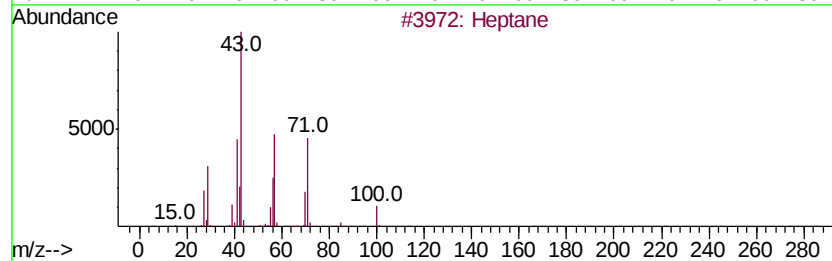
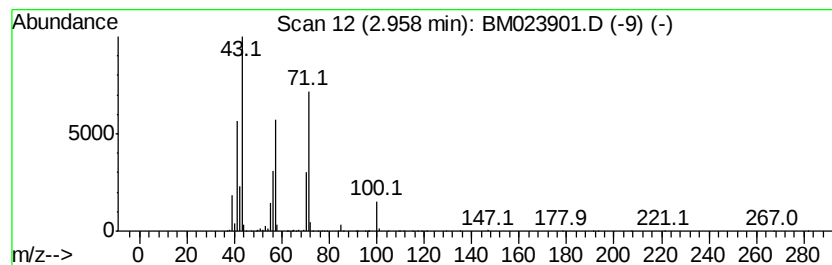
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	8.00 ng/ul	1185690	1,4-Dichlorobenzene-d4	7.50

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	91
5		Oxirane, butyl-	100	C6H12O	001436-34-6	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

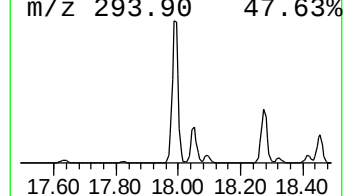
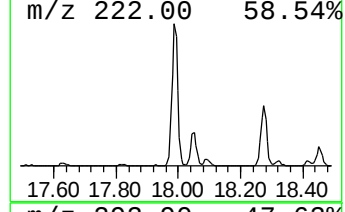
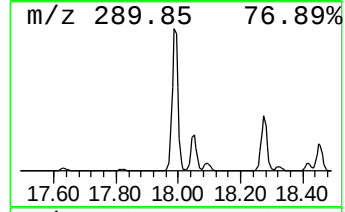
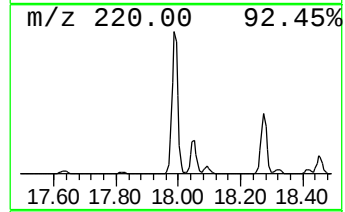
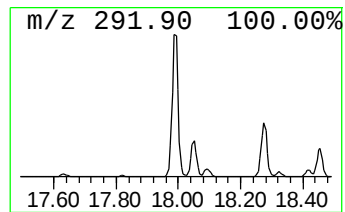
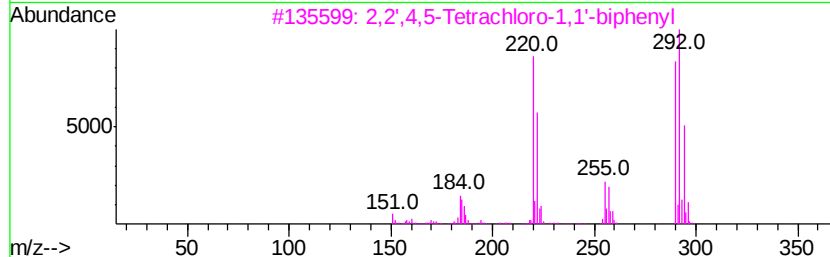
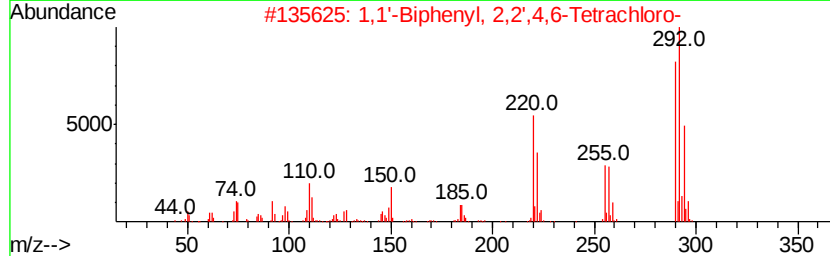
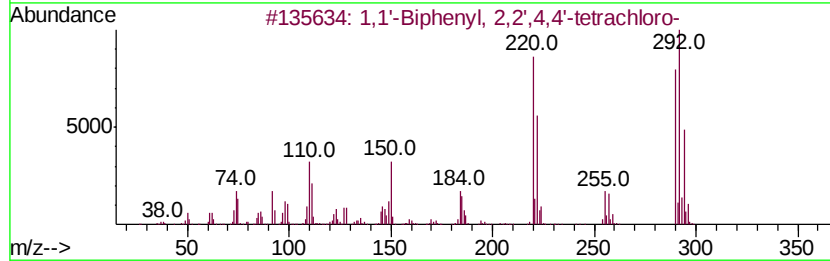
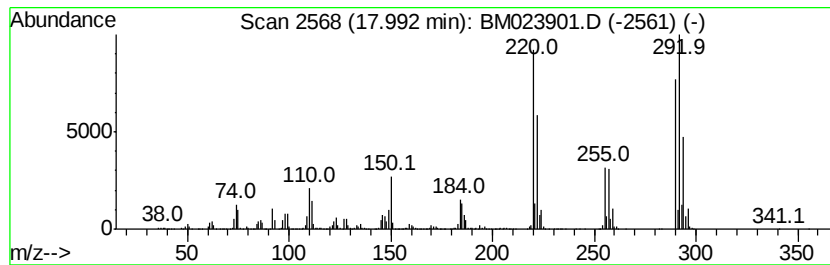
Instrument :
BNA_M
ClientSampleId :
C0B07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.99	22.01 ng/ul	6210780	Phenanthrene-d10	16.91		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	290	C12H6Cl4	002437-79-8	99	
2	1,1'-Biphenyl, 2,2',4,6-Tetrachloro-	290	C12H6Cl4	062796-65-0	99	
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99	
4	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99	
5	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	290	C12H6Cl4	035693-99-3	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

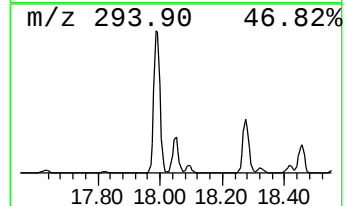
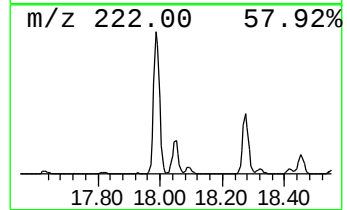
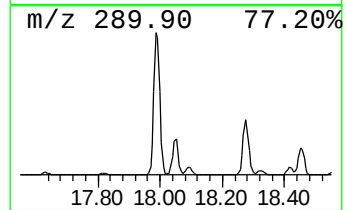
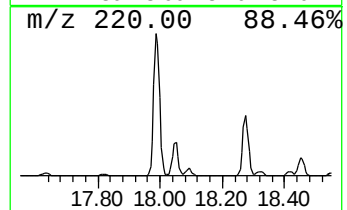
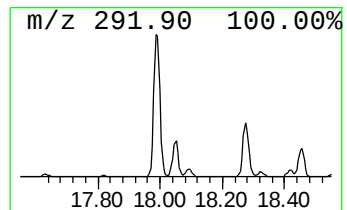
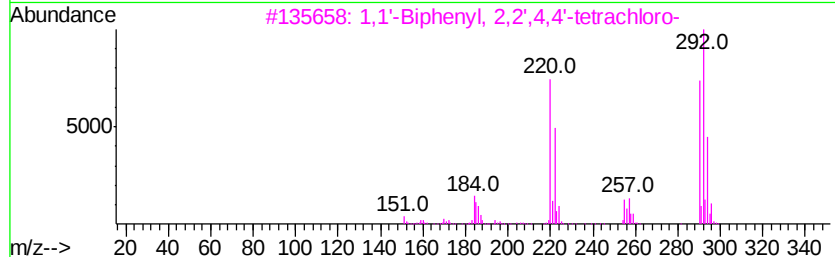
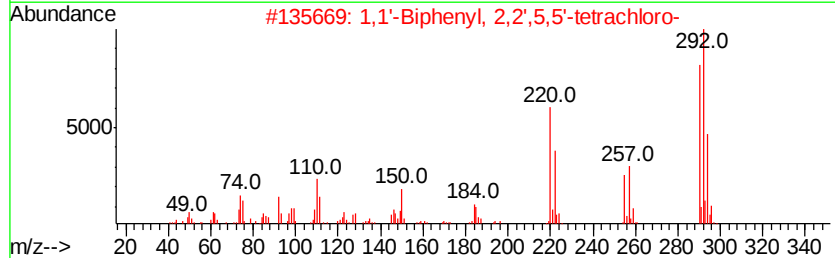
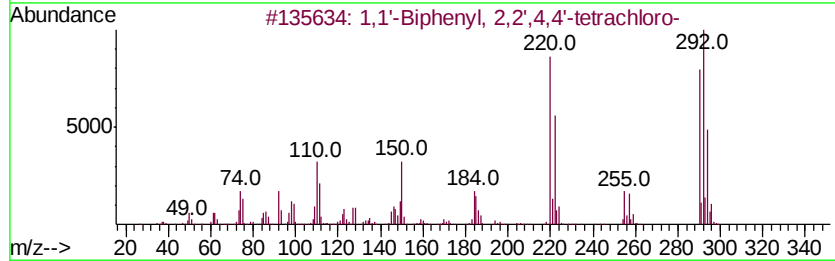
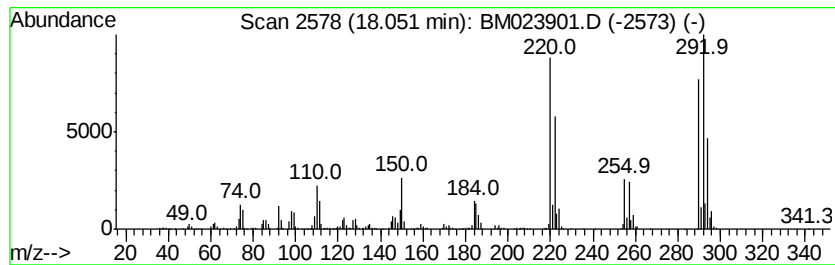
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	5.22 ng/ul	1472660	Phenanthrene-d10	16.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2		1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4		2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
5		2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

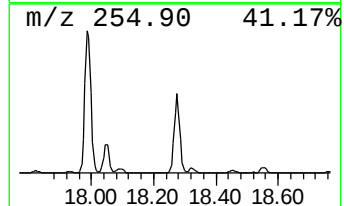
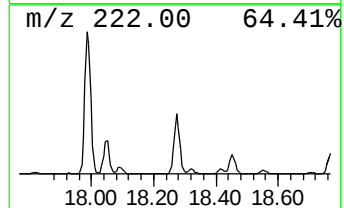
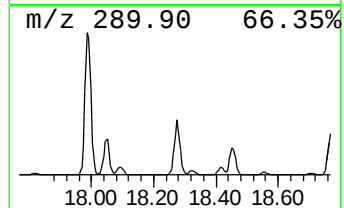
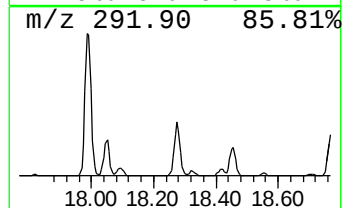
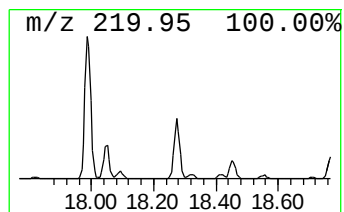
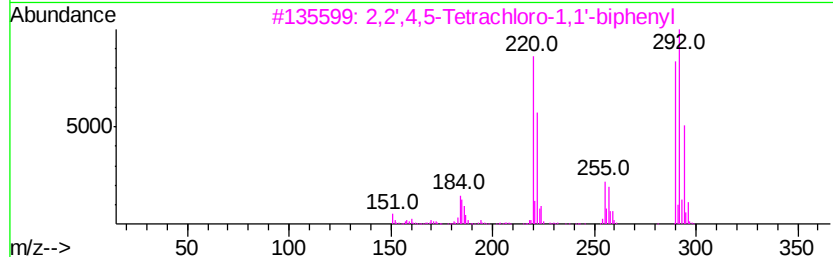
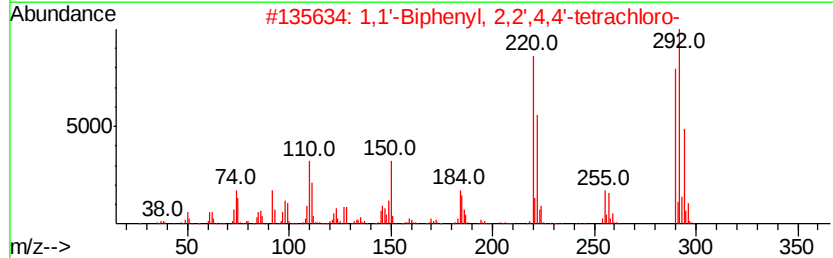
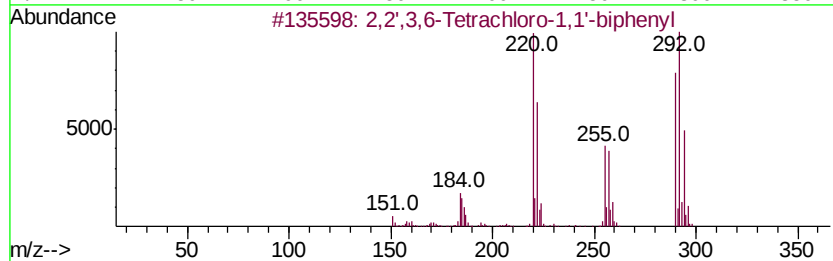
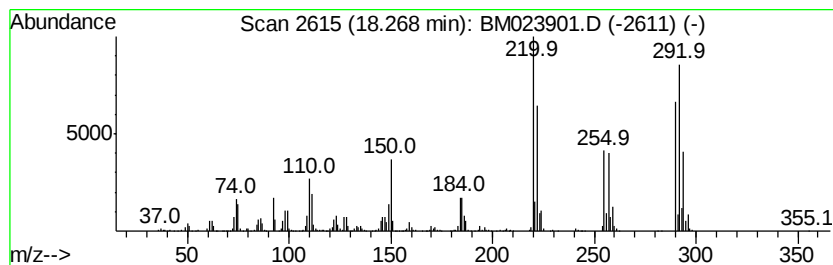
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	9.33 ng/ul	2631410	Phenanthrene-d10	16.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
2		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3		2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4		1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5		Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

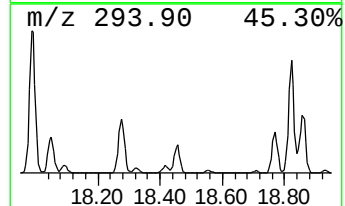
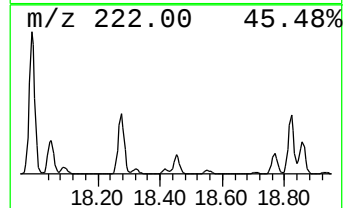
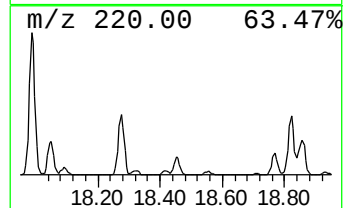
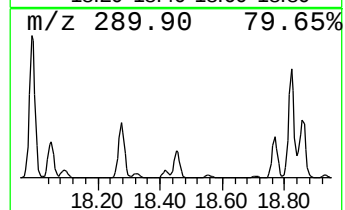
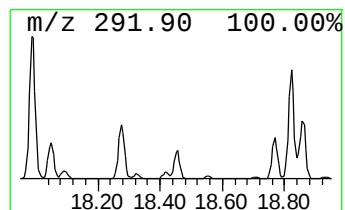
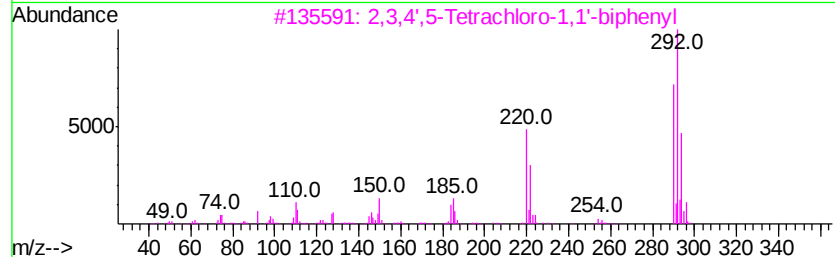
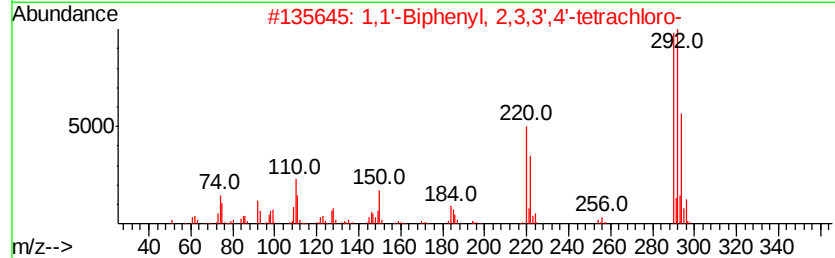
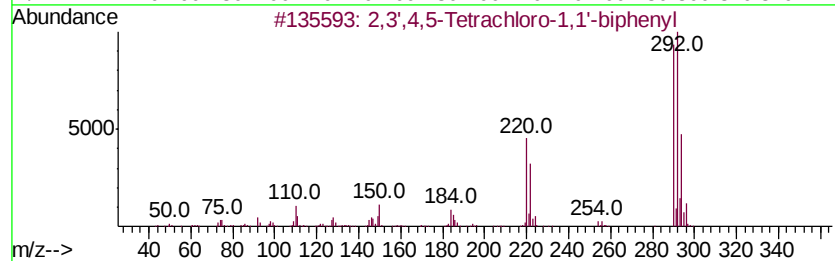
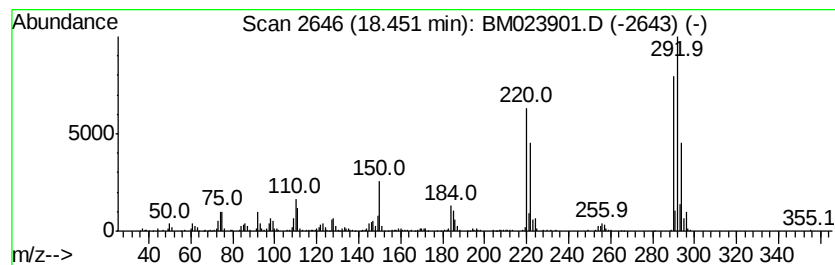
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	3.11 ng/ul	876465	Phenanthrene-d10	16.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99		
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99		
3	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99		
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99		
5	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

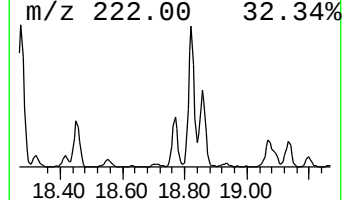
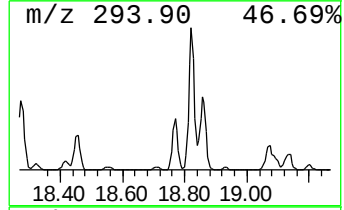
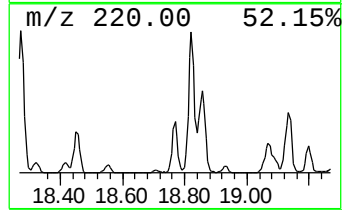
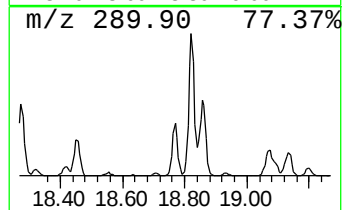
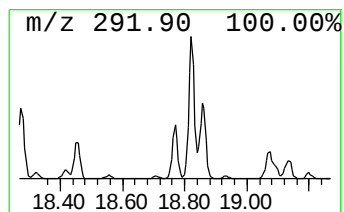
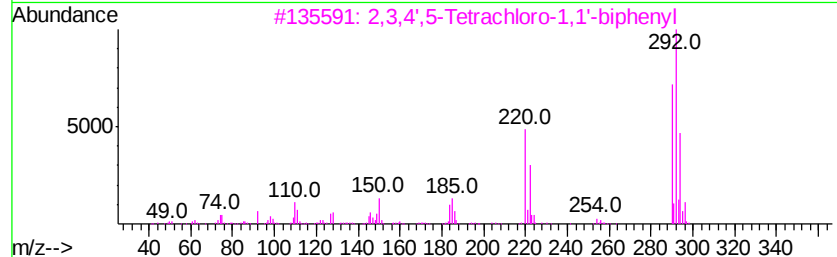
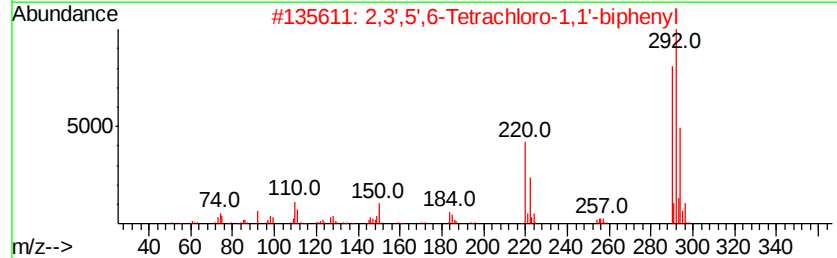
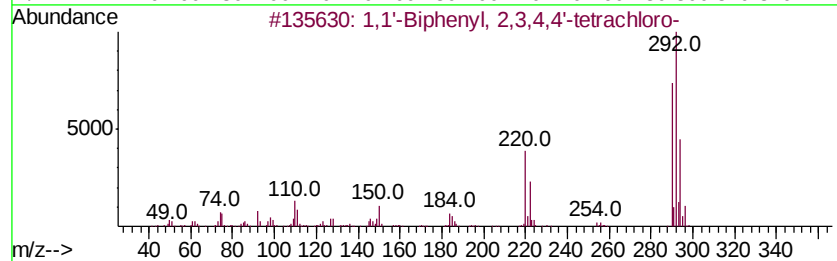
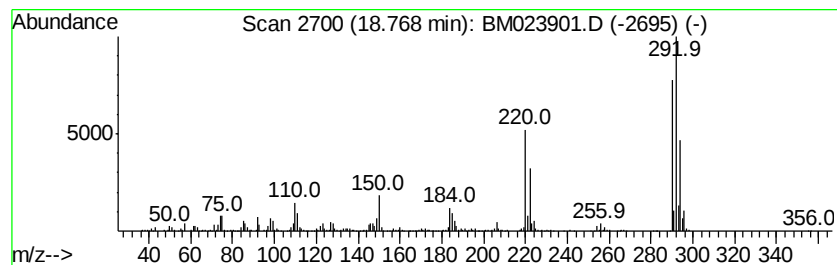
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,3,4,4'-tet... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	4.23 ng/ul	1194590	Phenanthrene-d10	16.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99
2		2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
3		2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
4		1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5		2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

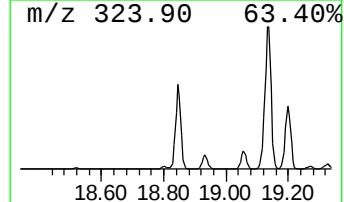
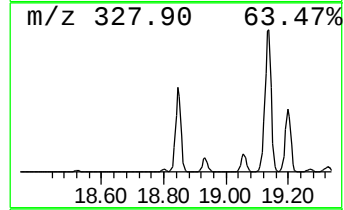
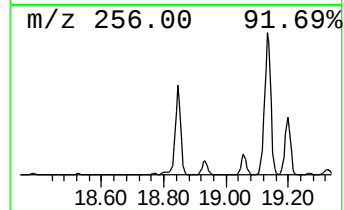
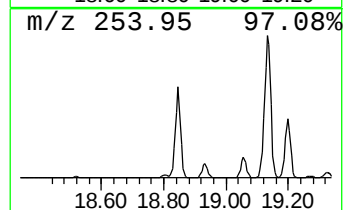
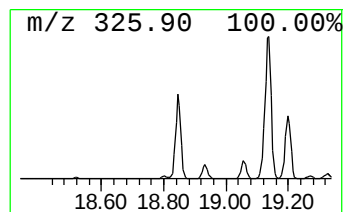
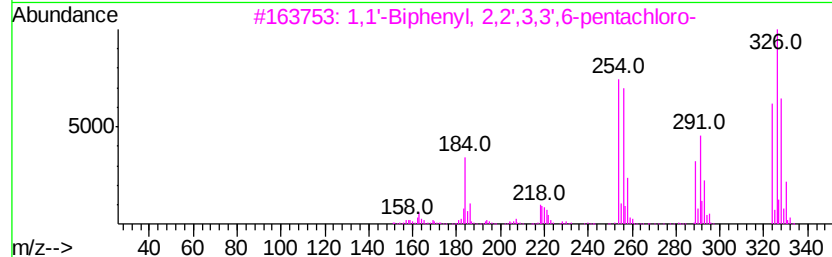
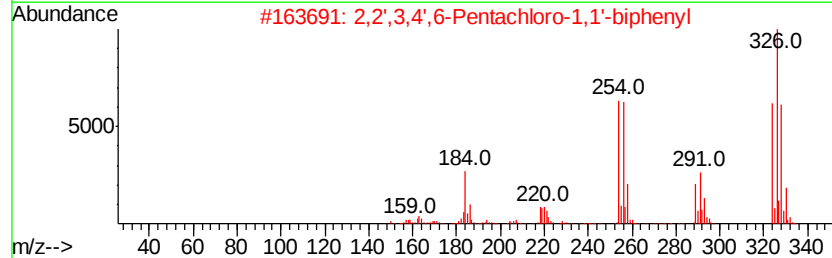
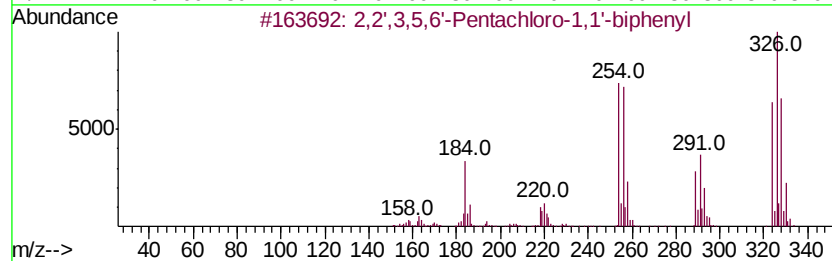
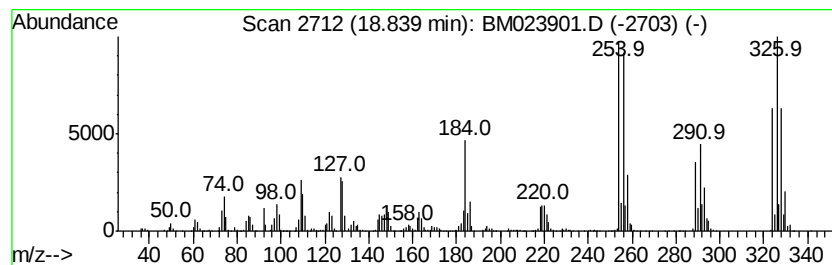
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	44.31 ng/ul	12500100	Phenanthrene-d10	16.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
2		2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	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		1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

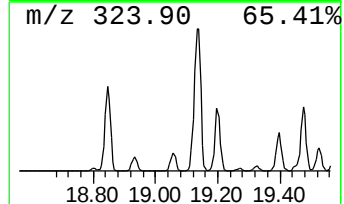
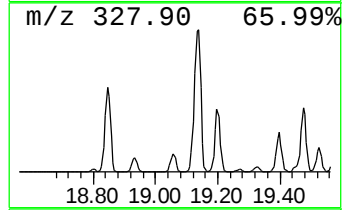
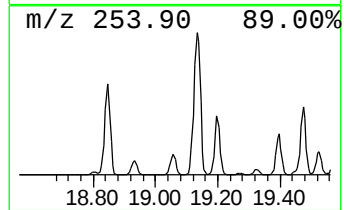
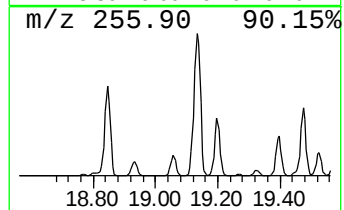
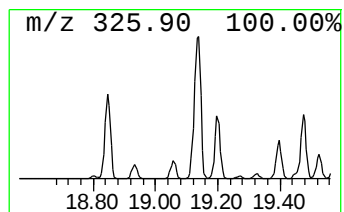
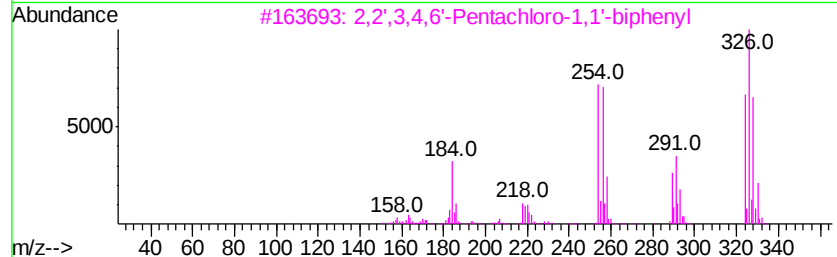
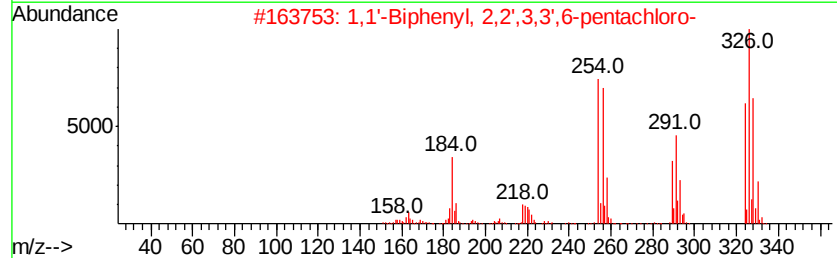
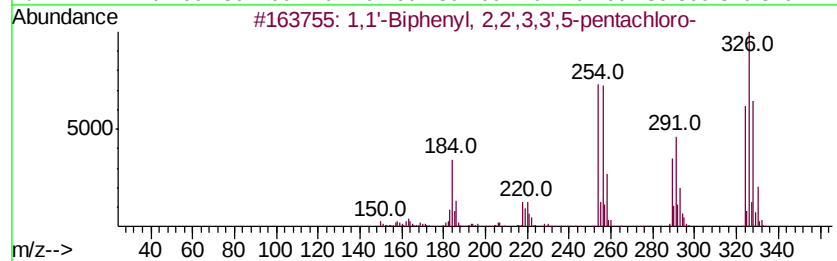
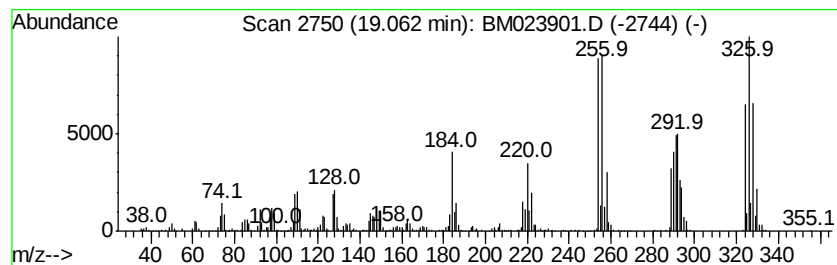
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,2',3,3',5-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	10.65 ng/ul	2640090	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
2		1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3		2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
4		2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
5		2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

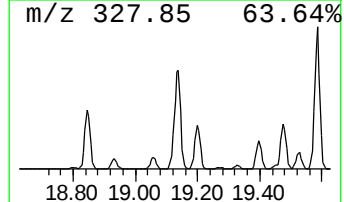
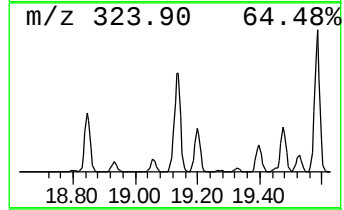
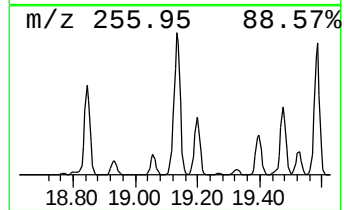
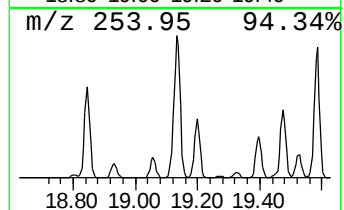
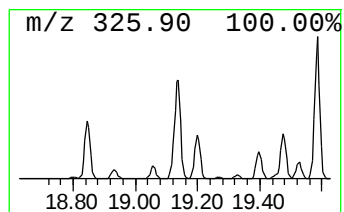
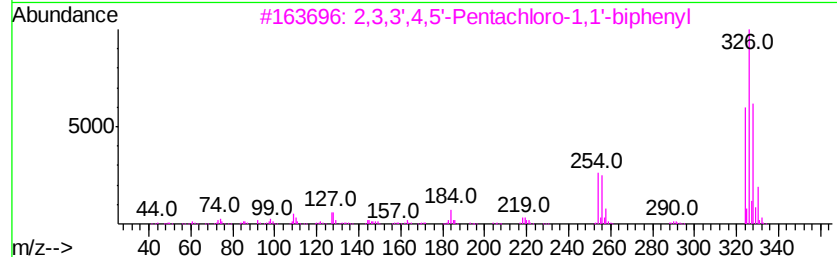
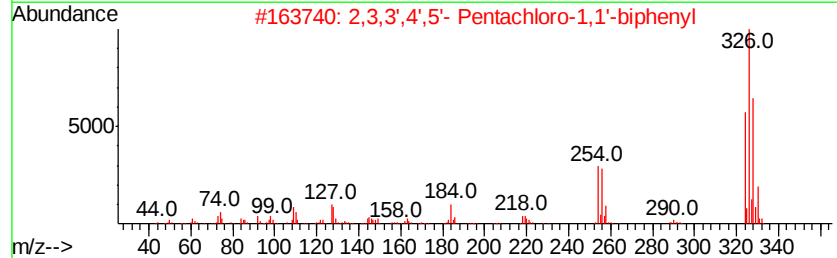
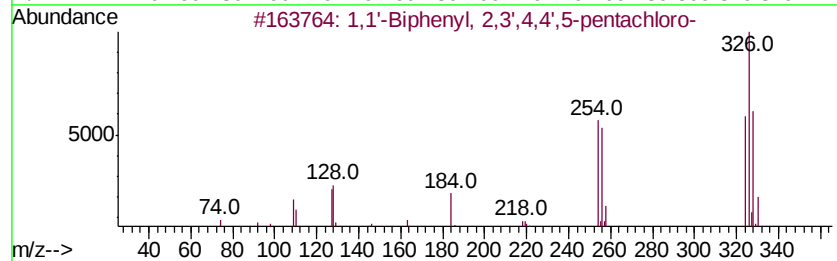
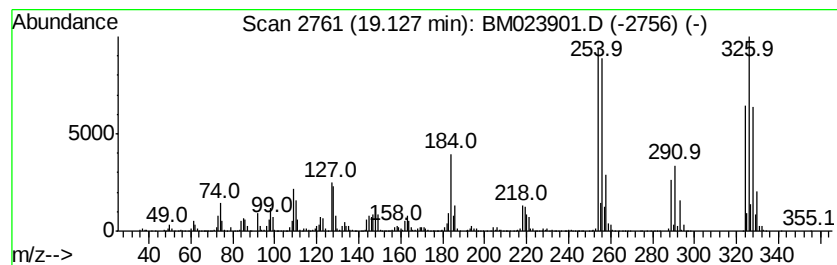
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	57.80 ng/ul	14323400	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2		2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3		2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
4		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

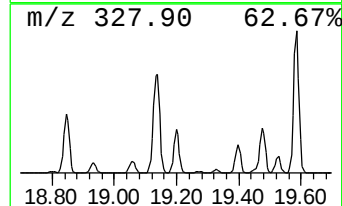
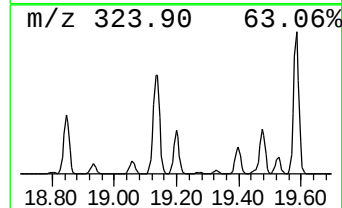
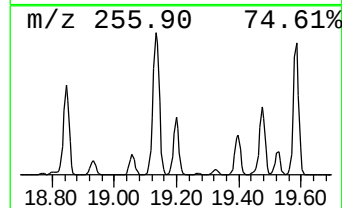
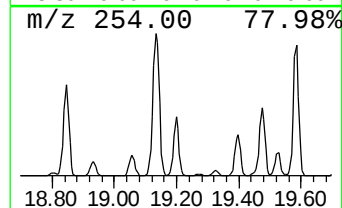
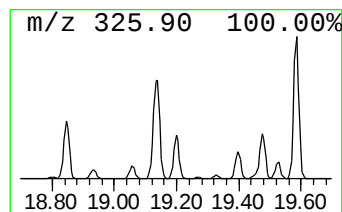
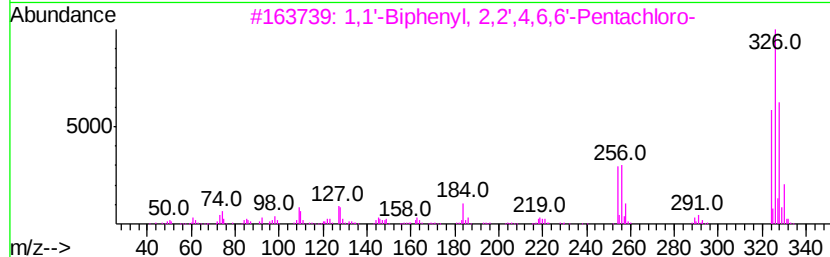
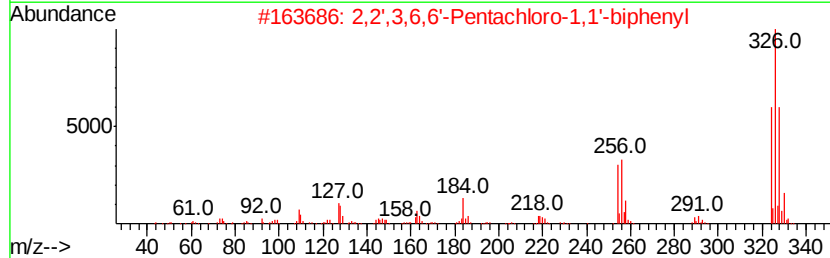
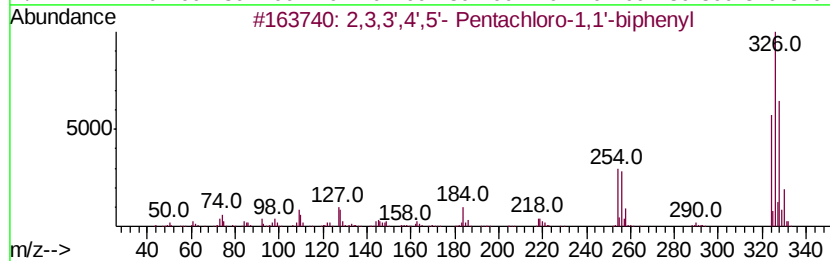
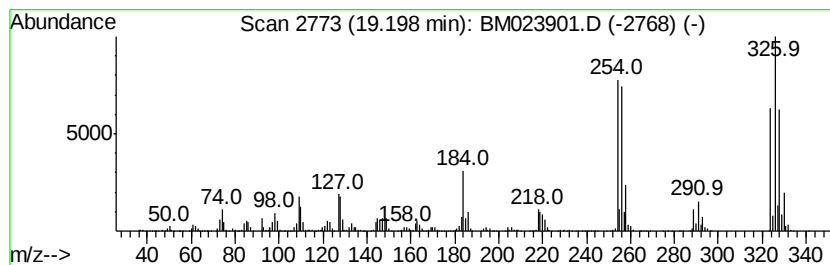
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	19.66 ng/ul	4871140	Chrysene-d12	21.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99		
2	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99		
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99		
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99		
5	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

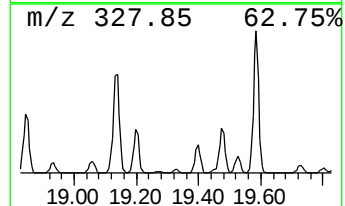
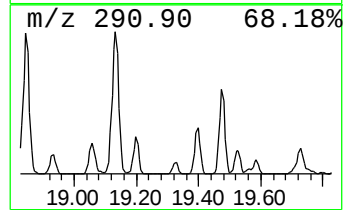
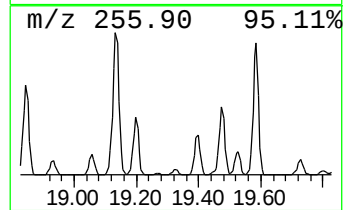
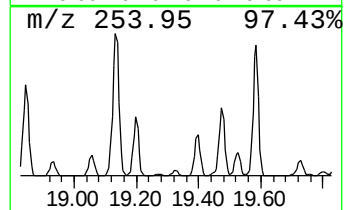
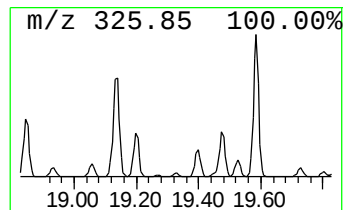
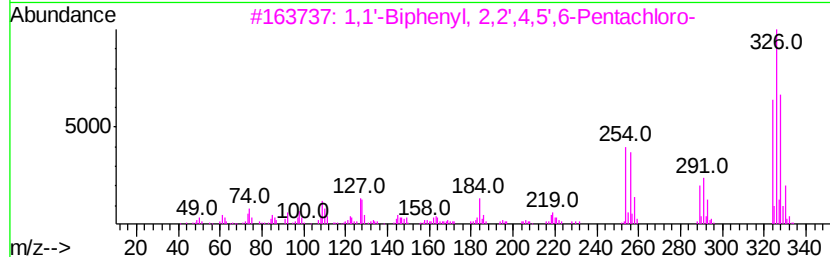
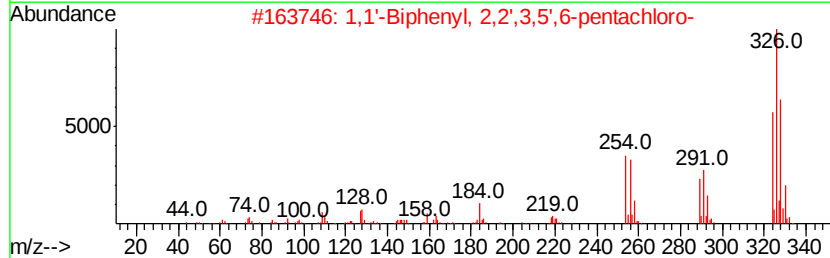
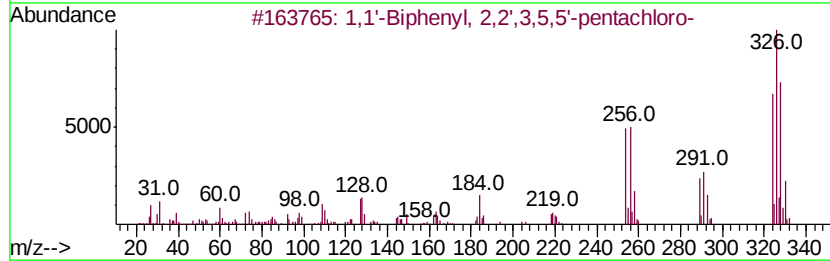
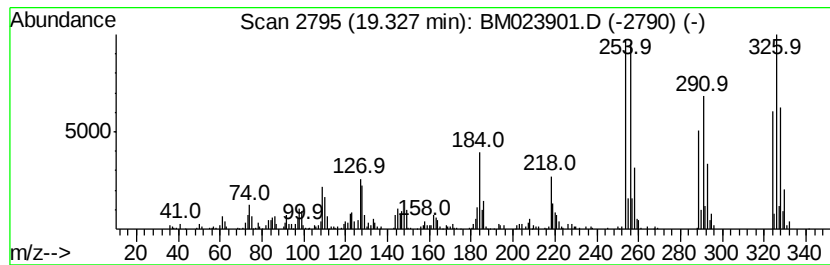
Instrument :
BNA_M
ClientSampleId :
C0B07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.33	2.32 ng/ul	575666	Chrysene-d12	21.12		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	1,1'	-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
3	1,1'	-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
4	1,1'	-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
5	2,2',3,6,6'	-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

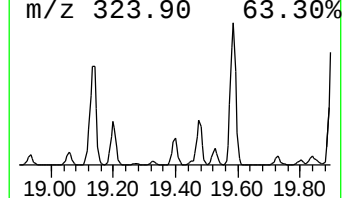
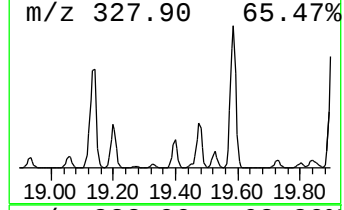
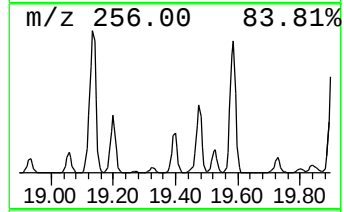
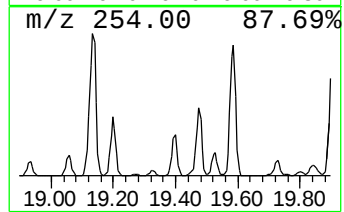
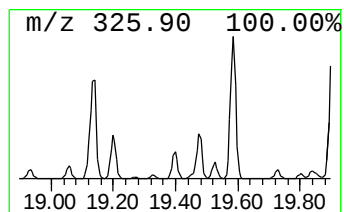
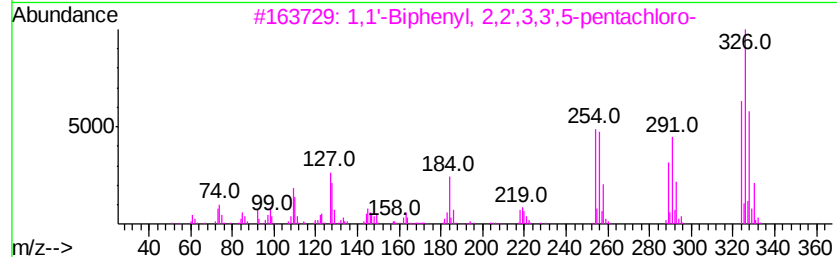
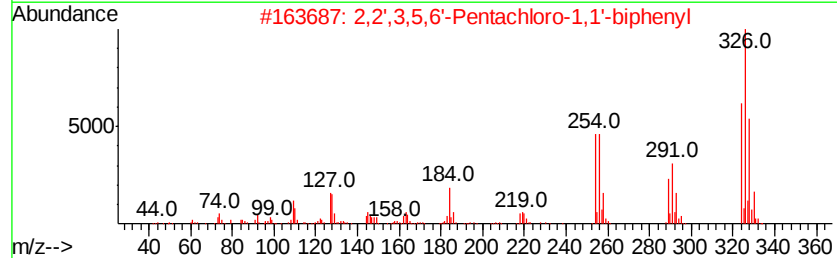
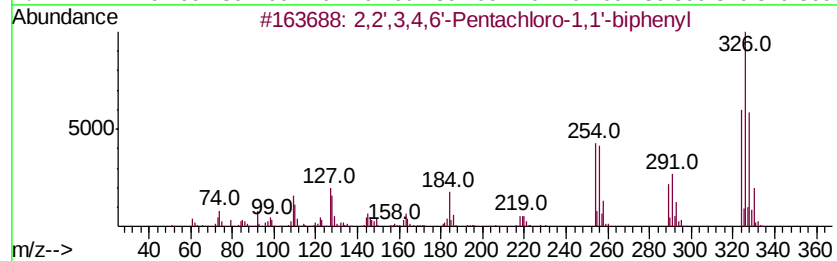
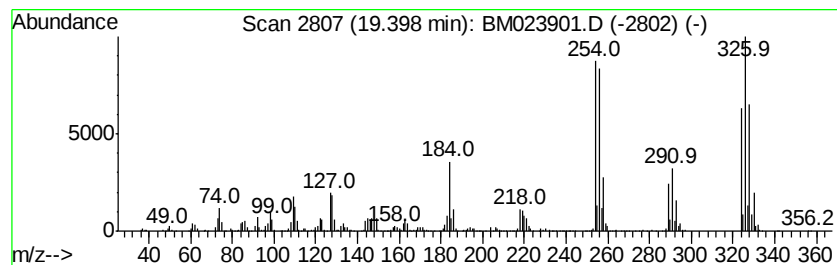
Instrument :
BNA_M
ClientSampleId :
C0B07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 2,2',3,4,6'-Pentachloro-1,1... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	14.16 ng/ul	3509720	Chrysene-d12	21.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2 99
2	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0 99
3	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2 99
4	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1 99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4 99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

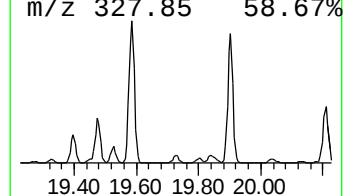
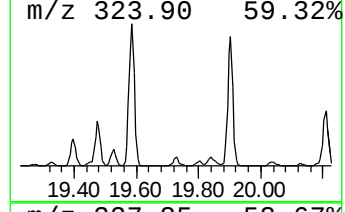
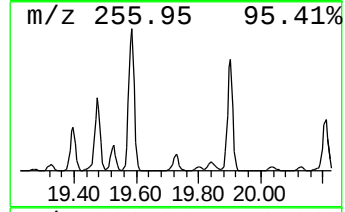
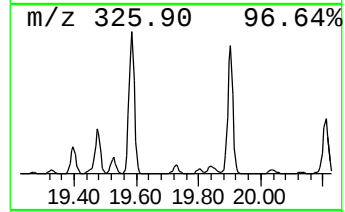
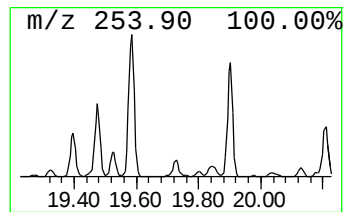
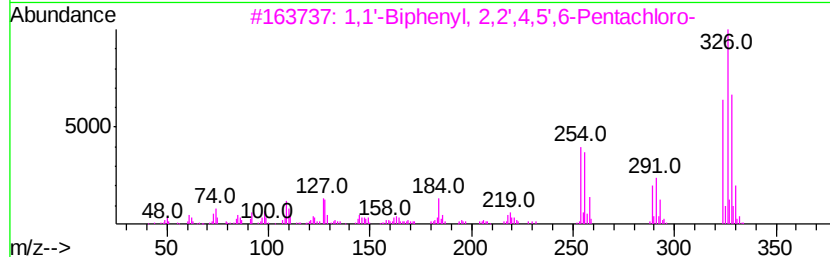
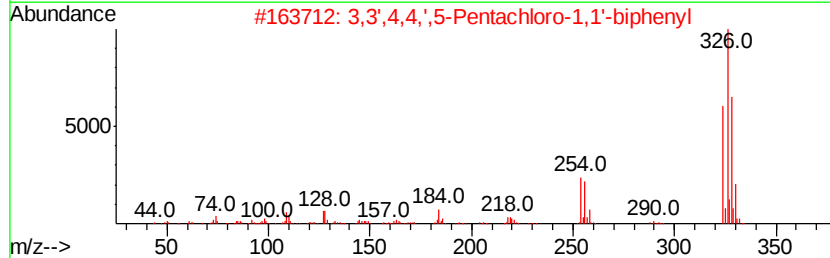
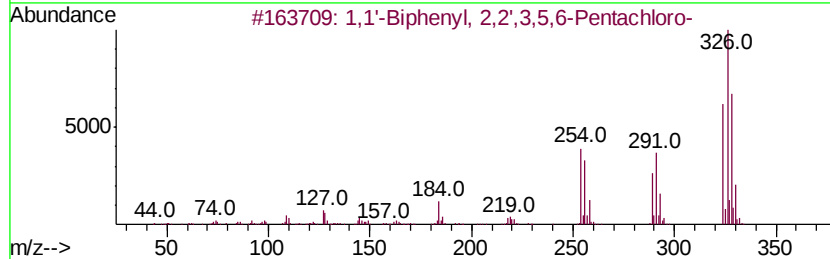
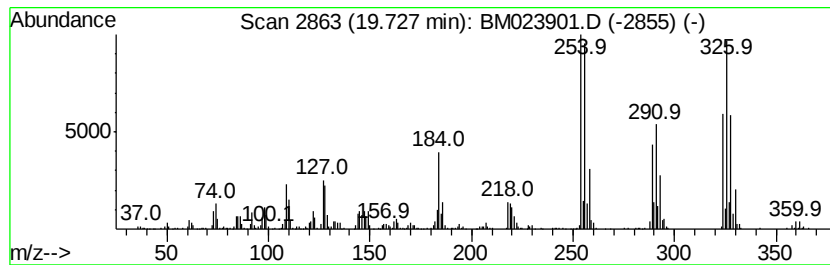
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,2',3,5,6-P... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	9.52 ng/ul	2359640	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	99
2		3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
3		1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
4		1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
5		1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

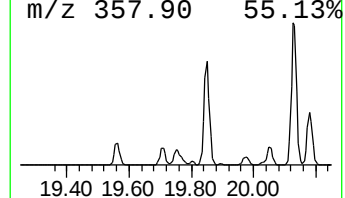
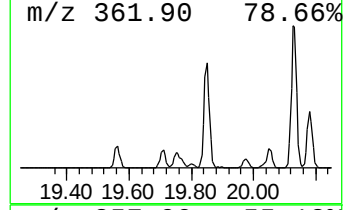
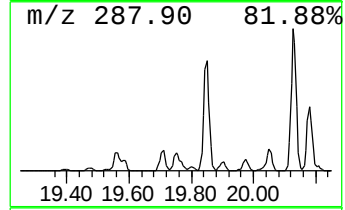
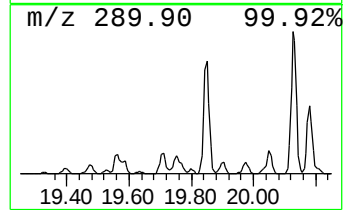
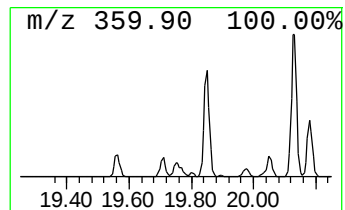
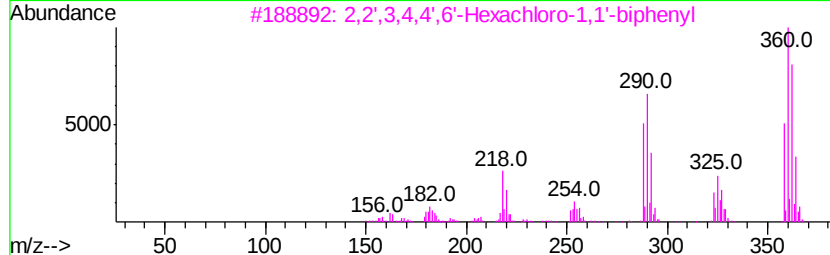
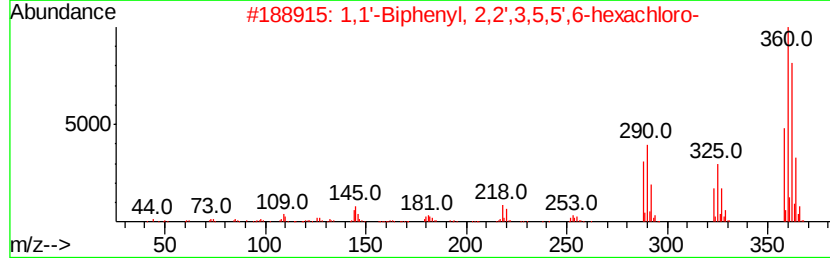
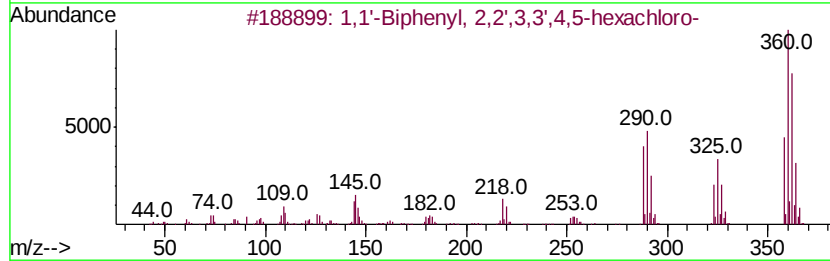
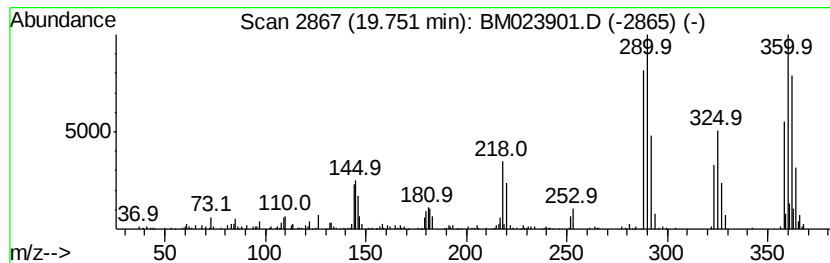
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	4.80 ng/ul	1190600	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
2		1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
3		2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
4		2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
5		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

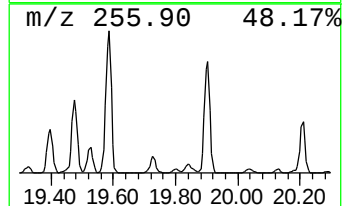
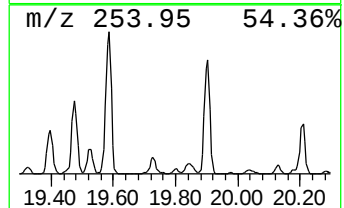
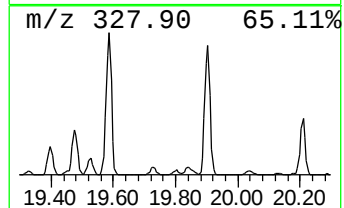
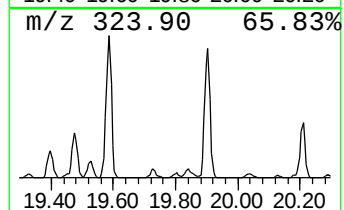
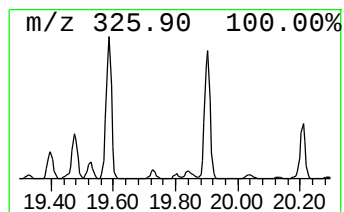
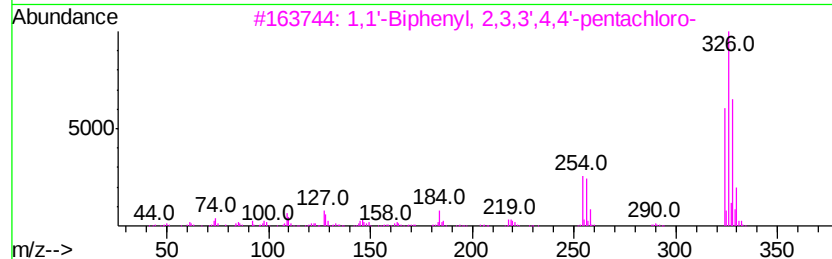
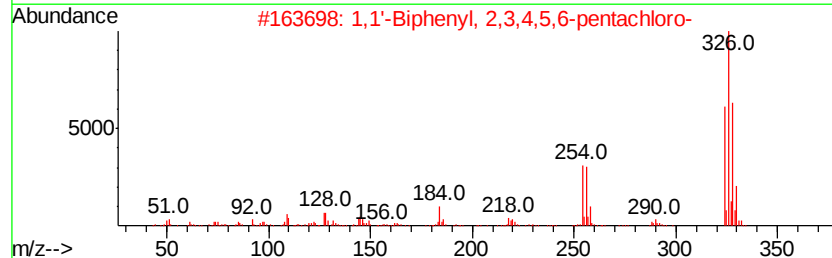
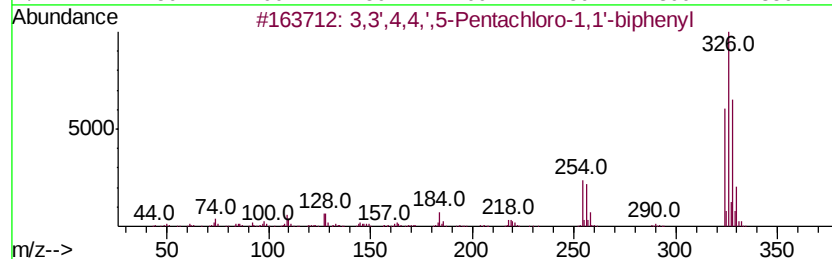
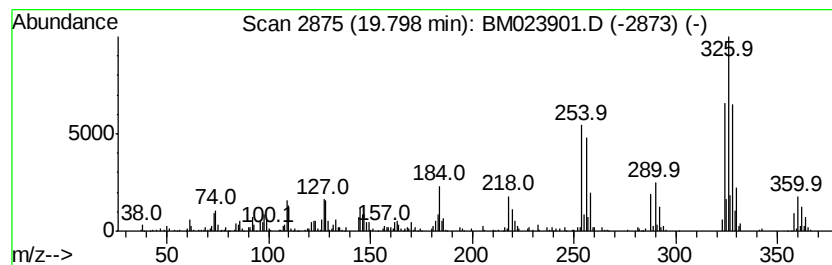
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 3,3',4,4',5-Pentachloro-1,... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	2.16 ng/ul	534583	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
2		1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	99
3		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4		2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
5		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

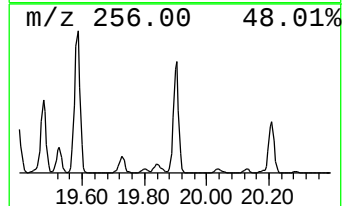
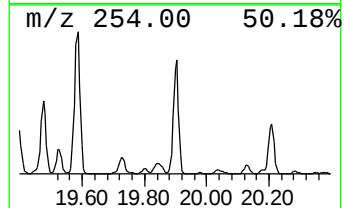
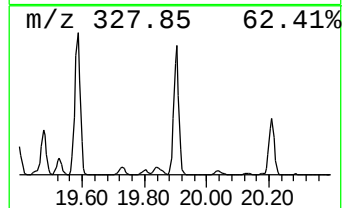
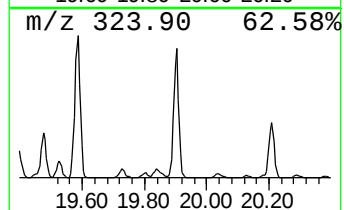
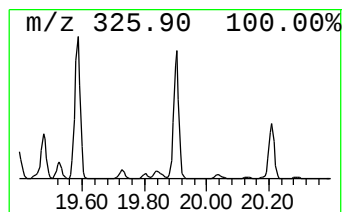
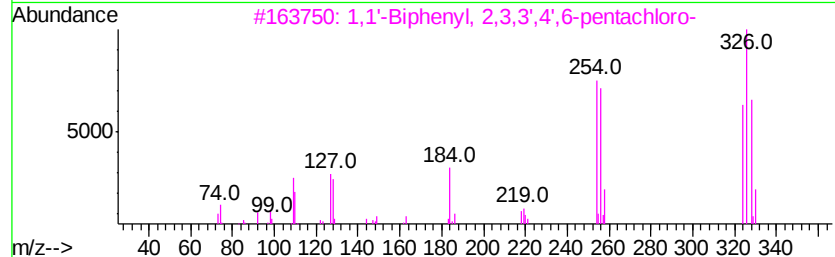
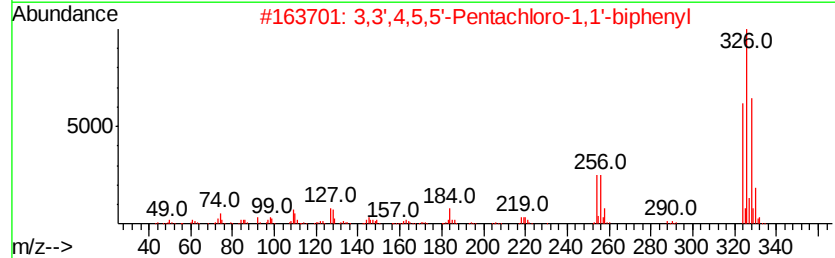
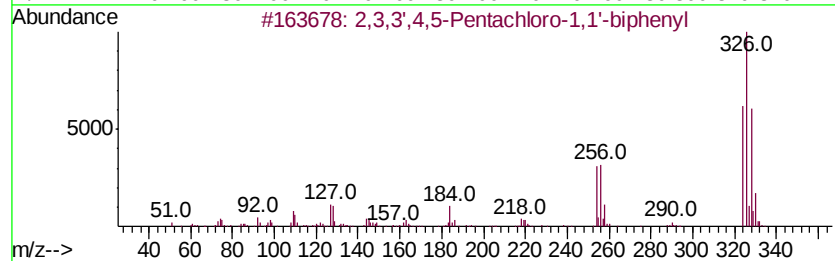
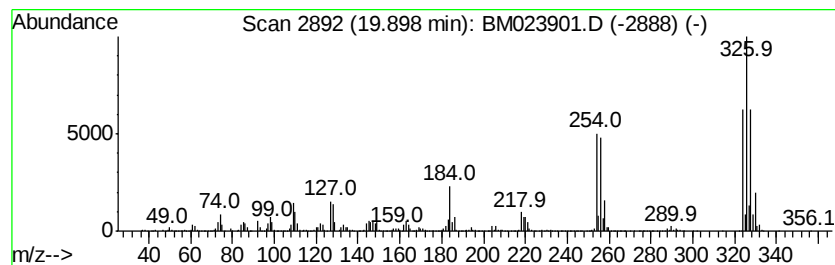
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	43.40 ng/ul	10754100	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
2		3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
3		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4		3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
5		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

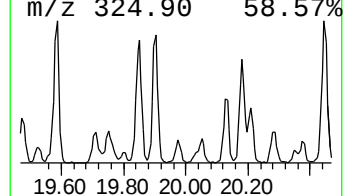
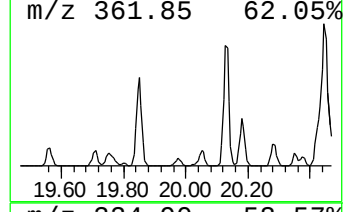
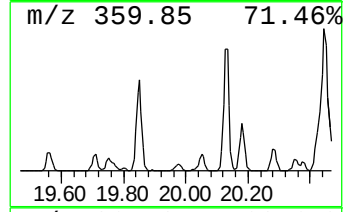
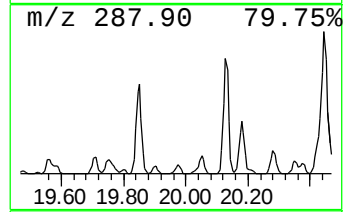
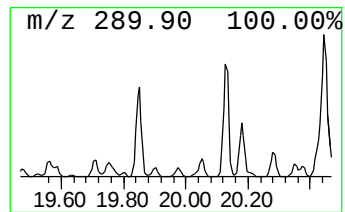
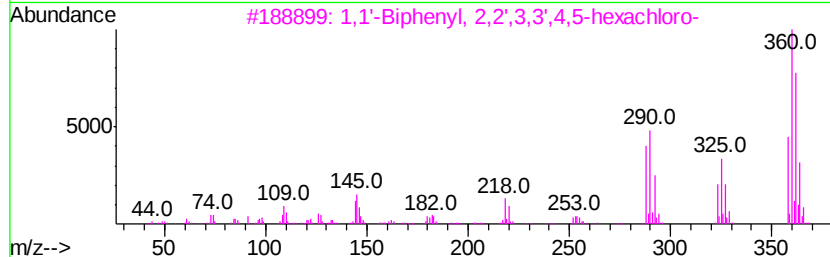
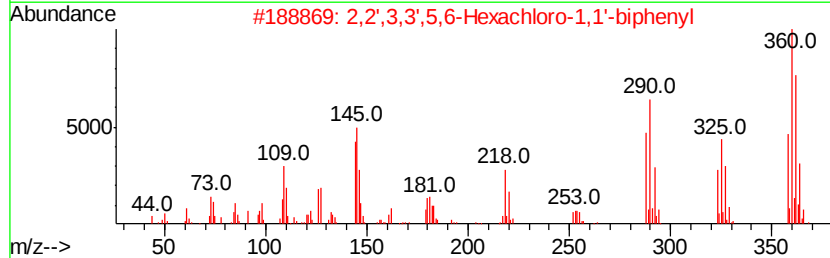
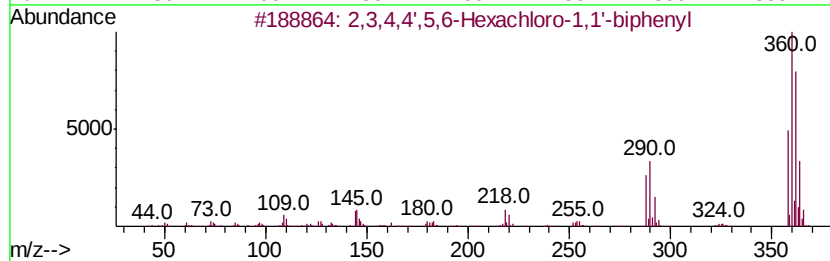
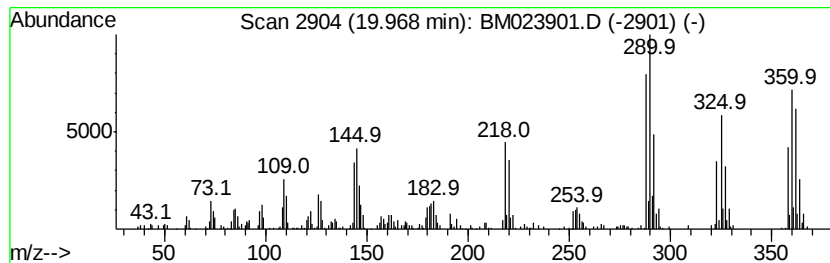
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.24 ng/ul	554819	Chrysene-d12	21.12

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		2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
3		1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
4		2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
5		1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

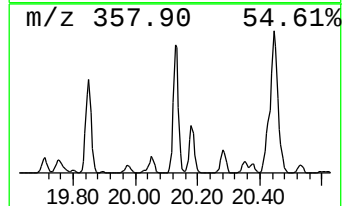
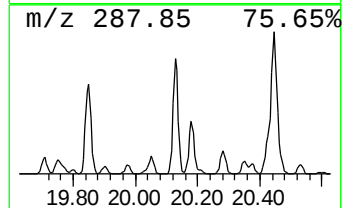
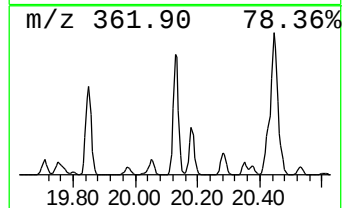
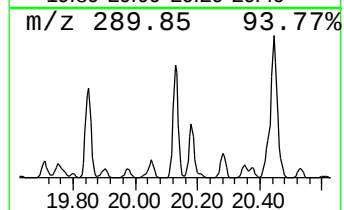
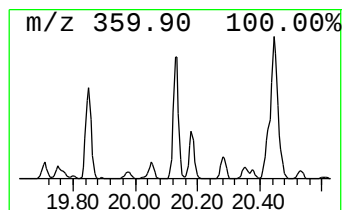
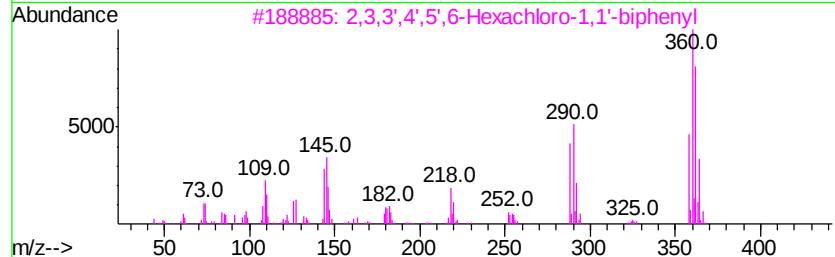
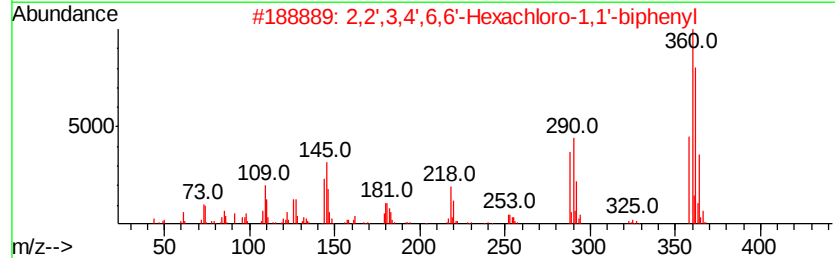
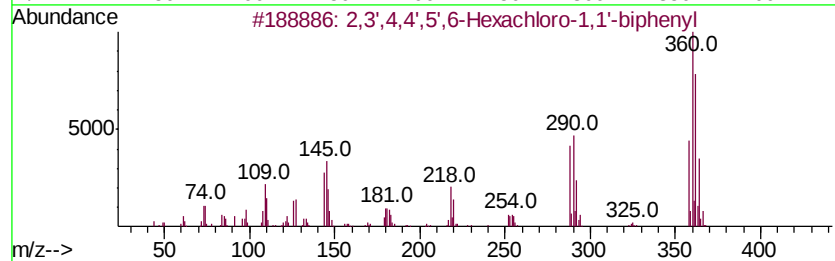
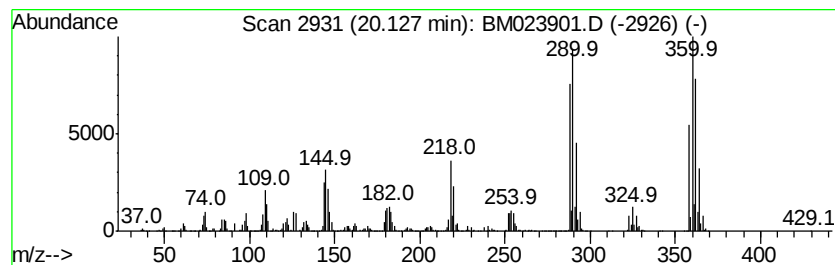
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	25.32 ng/ul	6275600	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
2		2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
3		2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
4		1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
5		2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

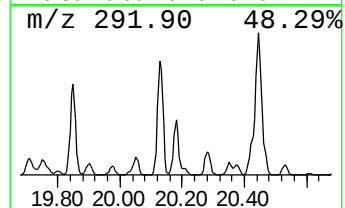
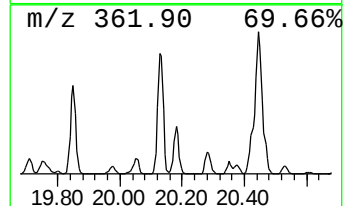
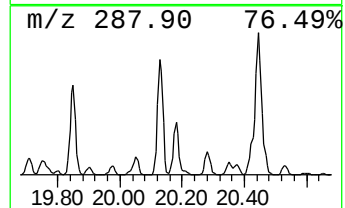
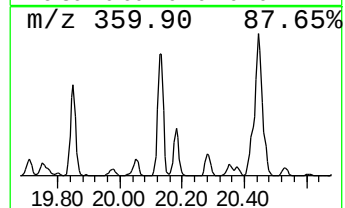
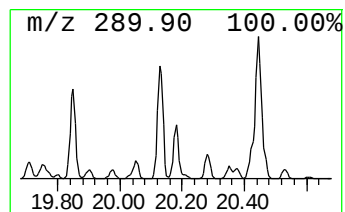
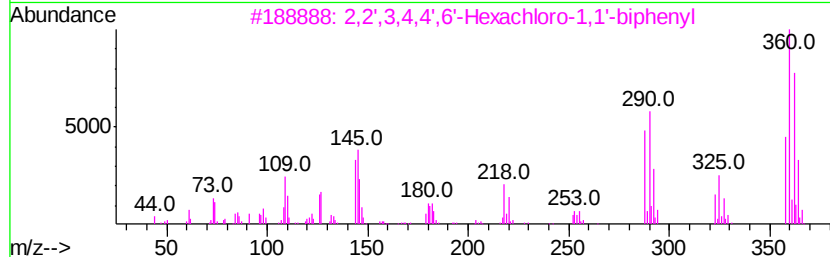
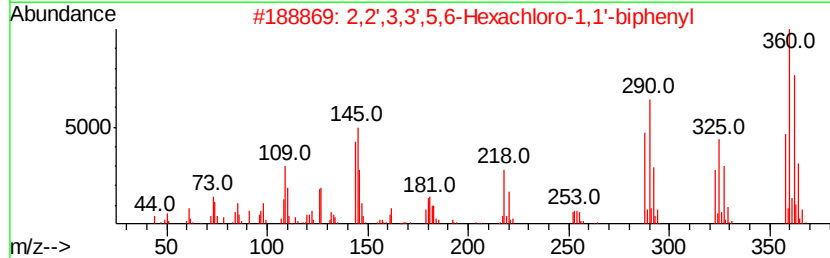
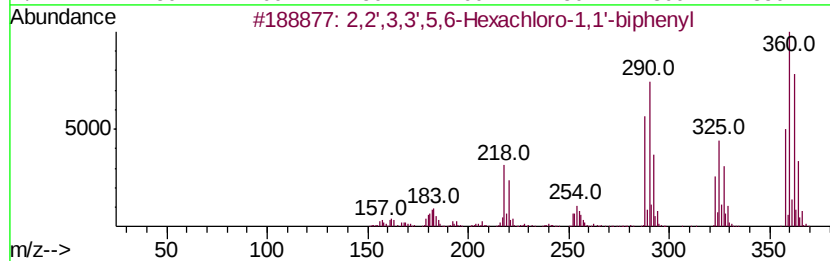
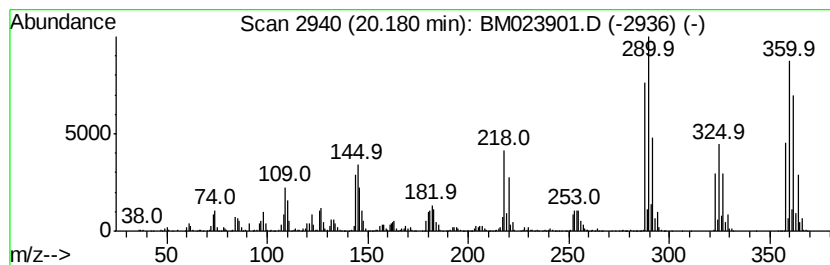
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	12.69 ng/ul	3145070	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
2		2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
3		2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
4		2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
5		2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

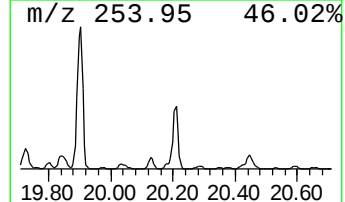
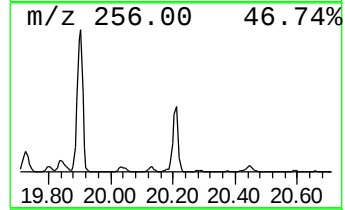
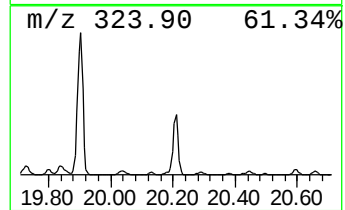
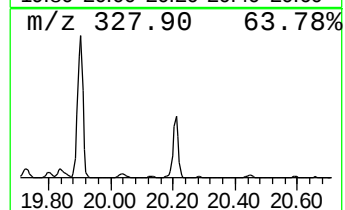
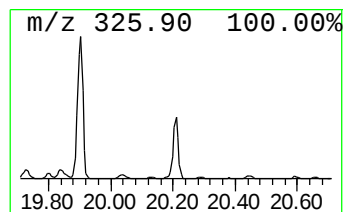
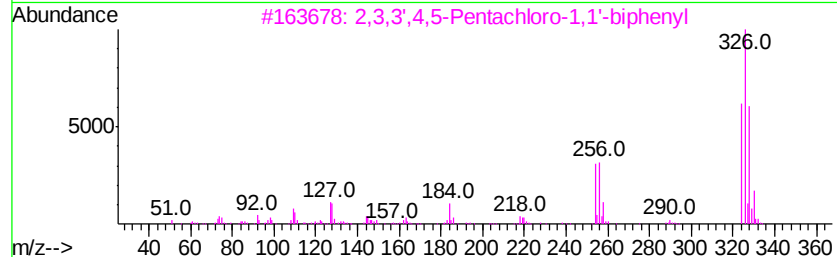
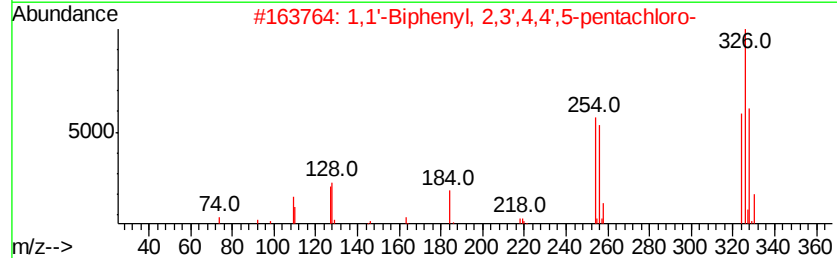
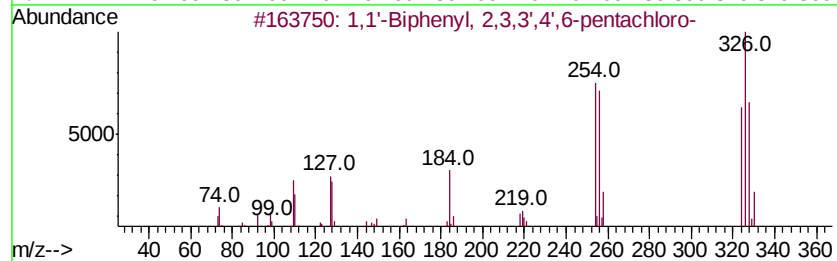
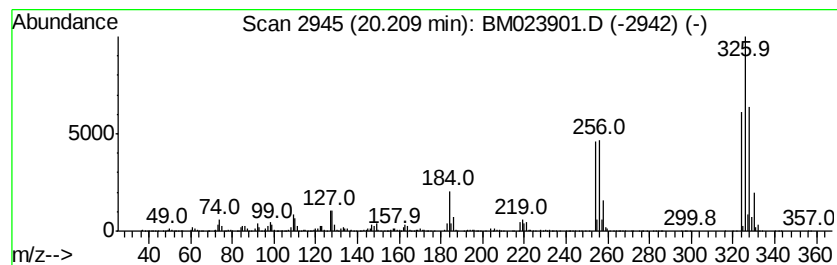
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	18.40 ng/ul	4560150	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98
3		2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	98
4		1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96
5		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

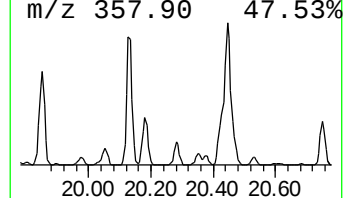
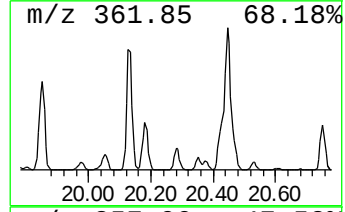
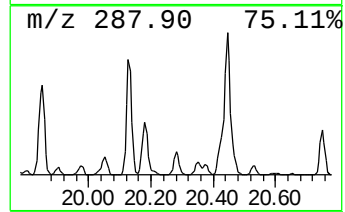
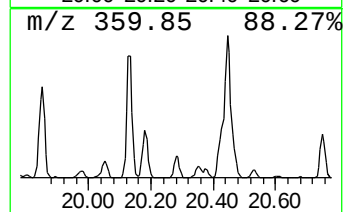
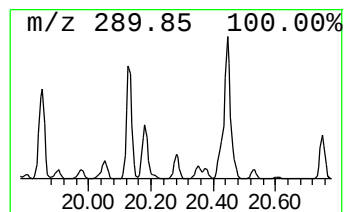
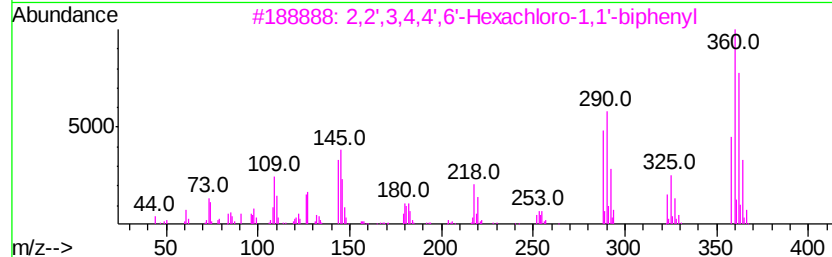
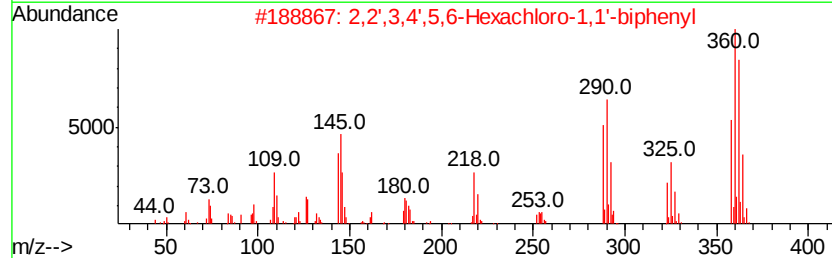
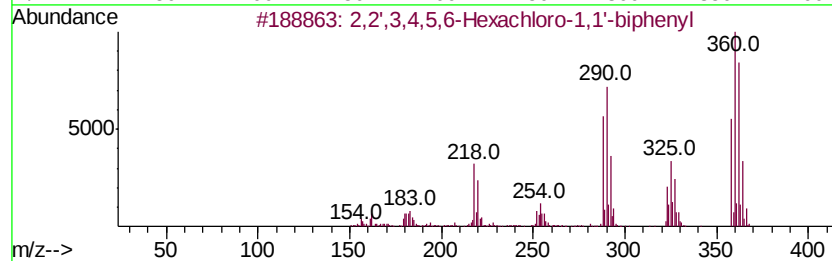
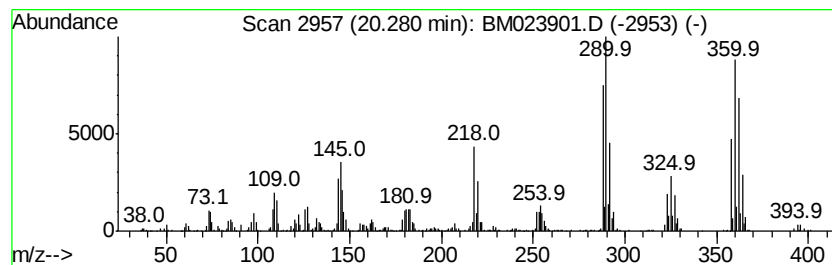
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	6.13 ng/ul	1520330	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
2		2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
3		2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
4		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
5		2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

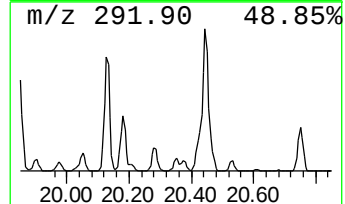
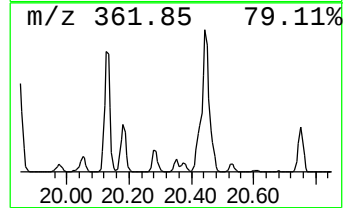
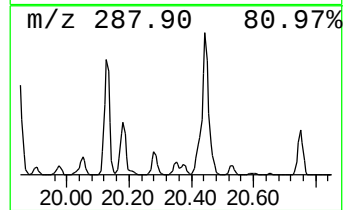
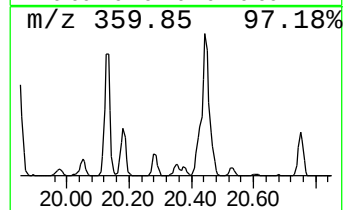
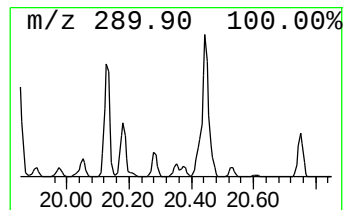
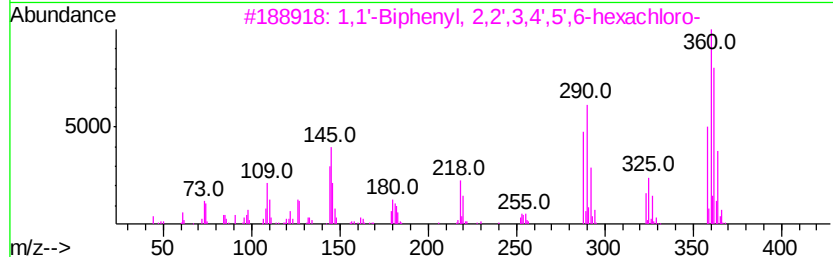
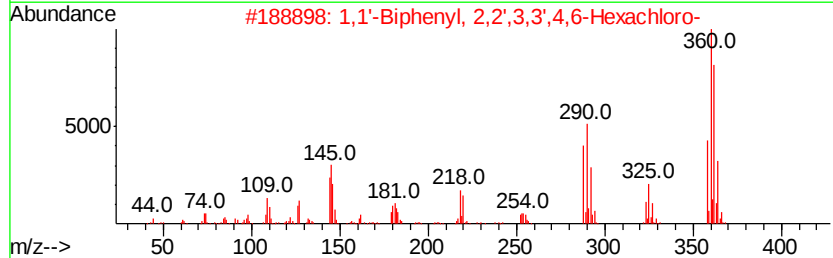
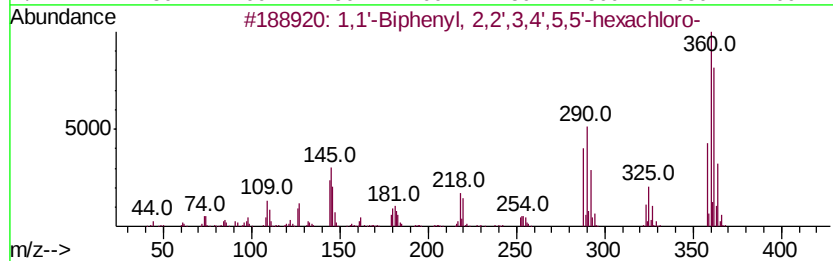
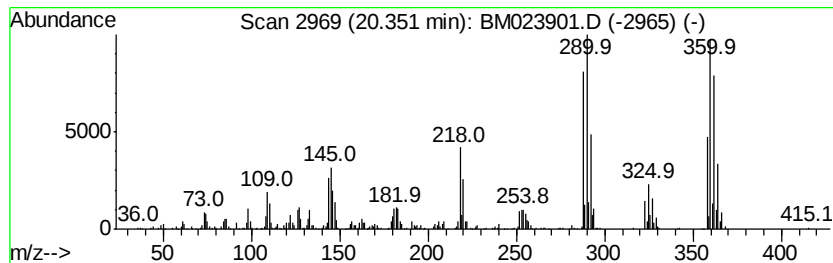
Instrument :
BNA_M
ClientSampleId :
C0B07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.35	2.62 ng/ul	648459	Chrysene-d12	21.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
3	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
4	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
5	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

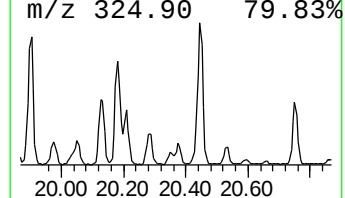
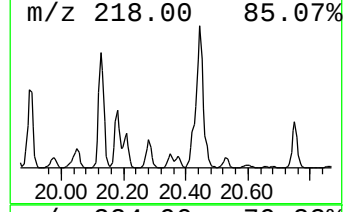
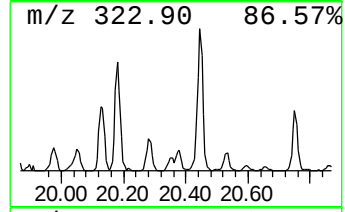
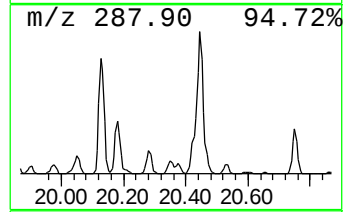
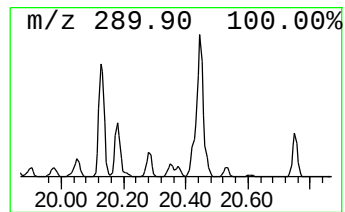
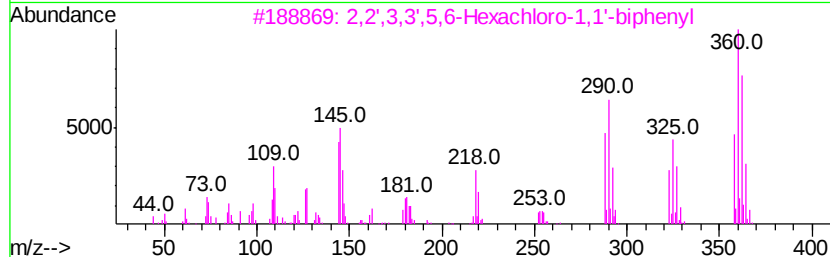
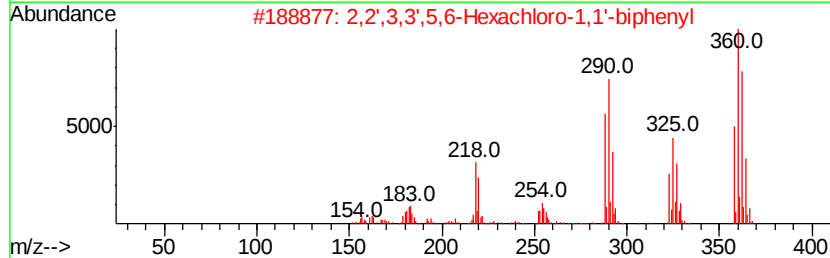
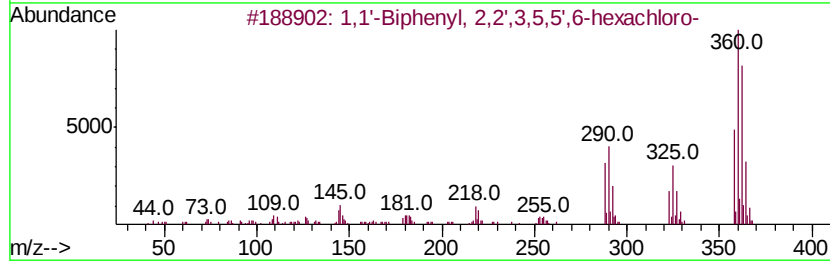
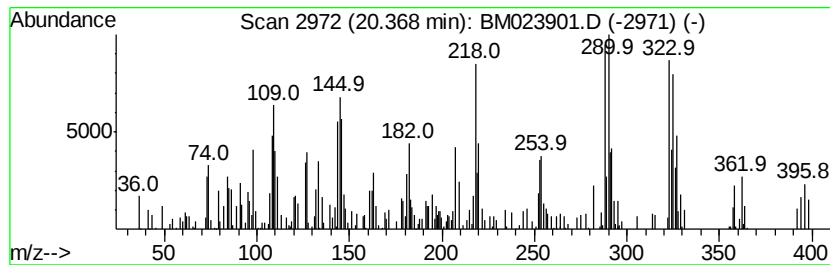
Instrument :
BNA_M
ClientSampleId :
C0B07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 1,1'-Biphenyl, 2,2',3,5,5',... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.39 ng/ul	591367	Chrysene-d12	21.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358 C12H4Cl6	052663-63-5	96
2	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358 C12H4Cl6	052704-70-8	96
3	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358 C12H4Cl6	052704-70-8	96
4	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358 C12H4Cl6	052663-66-8	95
5	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358 C12H4Cl6	059291-64-4	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

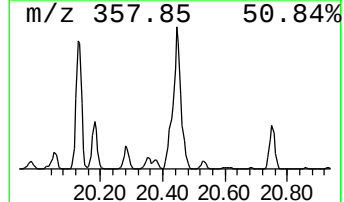
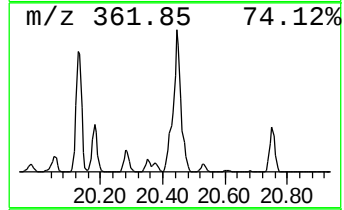
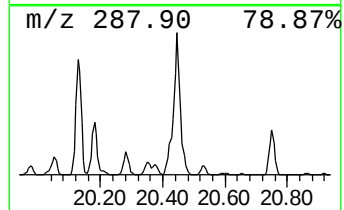
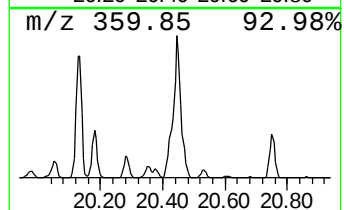
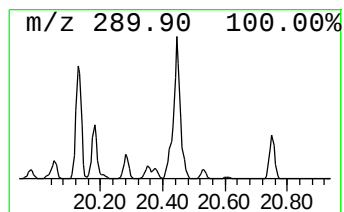
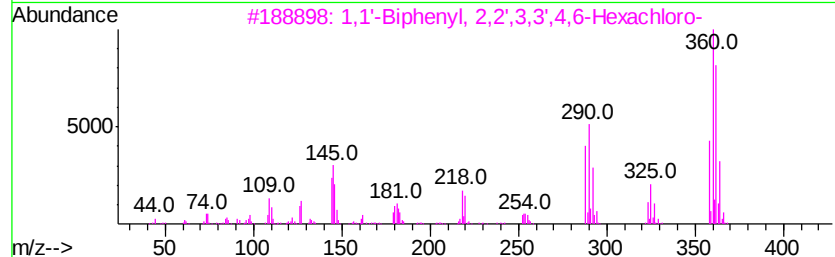
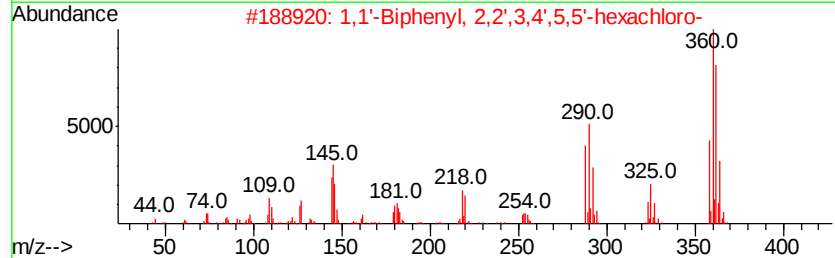
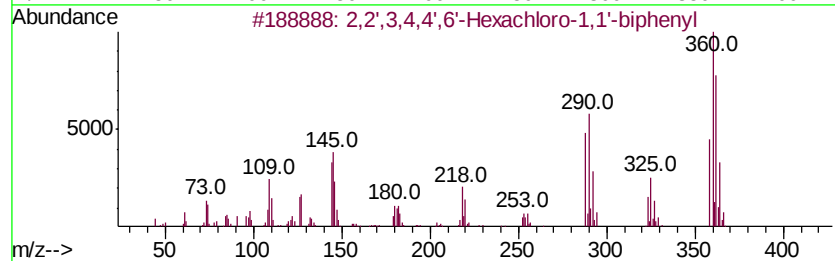
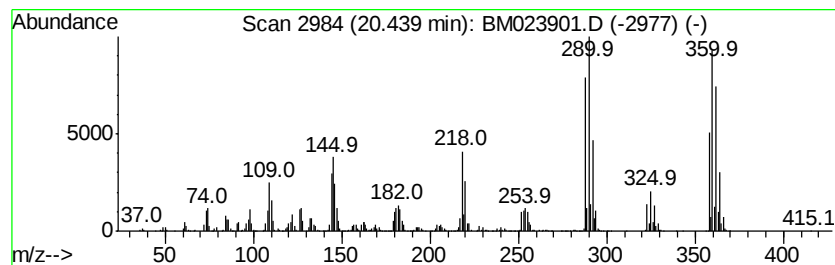
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	43.10 ng/ul	10680900	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
2		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3		1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
4		2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
5		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023901.D
Acq On : 26 Nov 2019 21:50
Operator : JU
Sample : K5985-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

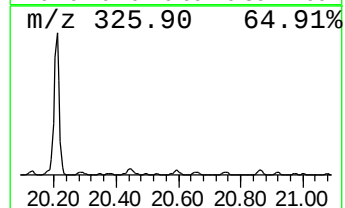
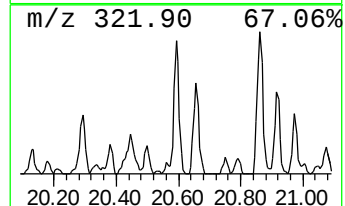
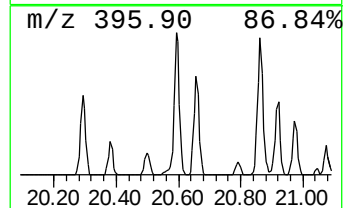
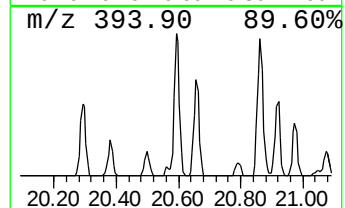
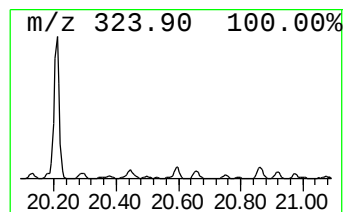
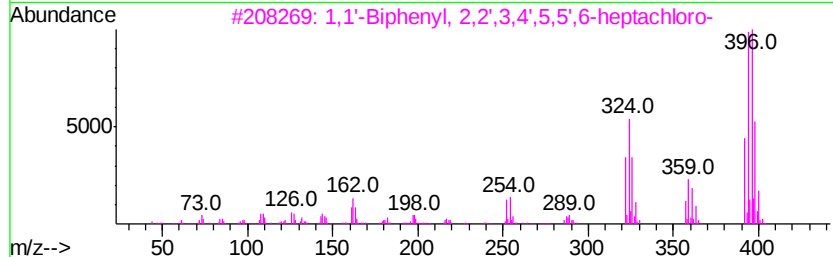
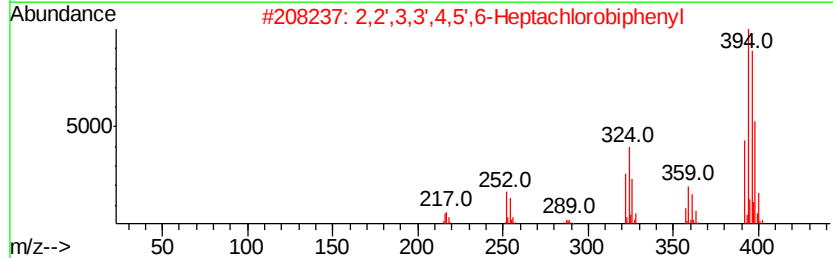
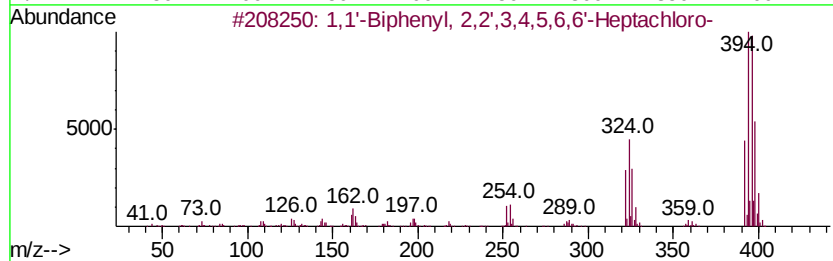
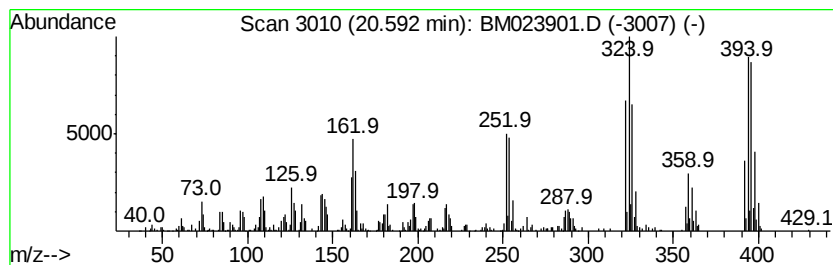
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	2.30 ng/ul	571180	Chrysene-d12	21.12

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		2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3		1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
4		1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
5		1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112619\
 Data File : BM023901.D
 Acq On : 26 Nov 2019 21:50
 Operator : JU
 Sample : K5985-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.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...	2.96	8.0	ng/ul	1185690	1	7.50	2964880	20.0
1,1'-Biphenyl, 2,...	17.99	22.0	ng/ul	6210780	4	16.91	5642340	20.0
1,1'-Biphenyl, 2,...	18.05	5.2	ng/ul	1472660	4	16.91	5642340	20.0
2,2',3,6-Tetrachl...	18.27	9.3	ng/ul	2631410	4	16.91	5642340	20.0
2,3',4,5-Tetrachl...	18.45	3.1	ng/ul	876465	4	16.91	5642340	20.0
1,1'-Biphenyl, 2,...	18.77	4.2	ng/ul	1194590	4	16.91	5642340	20.0
2,2',3,5,6'-Penta...	18.84	44.3	ng/ul	12500100	4	16.91	5642340	20.0
1,1'-Biphenyl, 2,...	19.06	10.7	ng/ul	2640090	5	21.12	4956370	20.0
1,1'-Biphenyl, 2,...	19.13	57.8	ng/ul	14323400	5	21.12	4956370	20.0
2,3,3',4',5'- Pen...	19.20	19.7	ng/ul	4871140	5	21.12	4956370	20.0
1,1'-Biphenyl, 2,...	19.33	2.3	ng/ul	575666	5	21.12	4956370	20.0
2,2',3,4,6'-Penta...	19.40	14.2	ng/ul	3509720	5	21.12	4956370	20.0
1,1'-Biphenyl, 2,...	19.73	9.5	ng/ul	2359640	5	21.12	4956370	20.0
1,1'-Biphenyl, 2,...	19.75	4.8	ng/ul	1190600	5	21.12	4956370	20.0
3,3',4,4',5-Pent...	19.80	2.2	ng/ul	534583	5	21.12	4956370	20.0
2,3,3',4,5-Pentac...	19.90	43.4	ng/ul	10754100	5	21.12	4956370	20.0
2,3,4,4',5,6-Hexa...	19.97	2.2	ng/ul	554819	5	21.12	4956370	20.0
2,3',4,4',5',6-He...	20.13	25.3	ng/ul	6275600	5	21.12	4956370	20.0
2,2',3,3',5,6-Hex...	20.18	12.7	ng/ul	3145070	5	21.12	4956370	20.0
1,1'-Biphenyl, 2,...	20.21	18.4	ng/ul	4560150	5	21.12	4956370	20.0
2,2',3,4,5,6-Hexa...	20.28	6.1	ng/ul	1520330	5	21.12	4956370	20.0
1,1'-Biphenyl, 2,...	20.35	2.6	ng/ul	648459	5	21.12	4956370	20.0
1,1'-Biphenyl, 2,...	20.37	2.4	ng/ul	591367	5	21.12	4956370	20.0
2,2',3,4,4',6'-He...	20.44	43.1	ng/ul	10680900	5	21.12	4956370	20.0
1,1'-Biphenyl, 2,...	20.59	2.3	ng/ul	571180	5	21.12	4956370	20.0