

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
 Data File : BM016175.D
 Acq On : 03 Aug 2018 12:16
 Operator : SJ/JU
 Sample : J4178-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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-BM071318MA.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	7.351	686	691	708	rBV2	112750	295559	5.47%	0.533%
2	7.516	713	719	726	rBV	79707	131865	2.44%	0.238%
3	7.716	748	753	768	rBB2	122624	215294	3.98%	0.388%
4	8.187	827	833	847	rBB	230268	373997	6.92%	0.675%
5	8.910	951	956	970	rBV	106247	197841	3.66%	0.357%
6	9.375	1030	1035	1052	rBV2	107794	193181	3.58%	0.349%
7	10.098	1152	1158	1170	rBB	93150	169847	3.14%	0.306%
8	10.639	1245	1250	1267	rBV	127527	236653	4.38%	0.427%
9	11.004	1306	1312	1329	rBB	290453	487604	9.02%	0.880%
10	11.157	1333	1338	1349	rBV	95830	182591	3.38%	0.329%
11	14.222	1853	1859	1864	rBV	255725	347563	6.43%	0.627%
12	14.269	1864	1867	1874	rVB	51315	65648	1.22%	0.118%
13	14.516	1903	1909	1916	rBV	268317	388283	7.19%	0.700%
14	14.816	1954	1960	1969	rBV2	367377	558029	10.33%	1.007%
15	15.057	1997	2001	2011	rBV3	29014	68525	1.27%	0.124%
16	15.804	2121	2128	2135	rBV	328747	470713	8.71%	0.849%
17	15.951	2148	2153	2160	rBV2	59394	92386	1.71%	0.167%
18	17.545	2419	2424	2432	rBV2	417199	606636	11.23%	1.094%
19	17.645	2436	2441	2448	rBV2	324722	456414	8.45%	0.823%
20	18.133	2517	2524	2529	rVB	116632	206156	3.82%	0.372%
21	18.239	2537	2542	2553	rBV8	37361	88485	1.64%	0.160%
22	18.392	2562	2568	2572	rBV3	117598	196209	3.63%	0.354%
23	18.474	2578	2582	2586	rVB	104304	119050	2.20%	0.215%
24	18.592	2596	2602	2607	rBV	1561432	1982314	36.69%	3.576%
25	18.651	2607	2612	2616	rVV	327098	444241	8.22%	0.801%
26	18.692	2616	2619	2624	rVB	83792	102645	1.90%	0.185%
27	18.868	2644	2649	2654	rBV	717231	881236	16.31%	1.590%
28	18.915	2654	2657	2664	rVB3	61890	82927	1.53%	0.150%
29	19.004	2670	2672	2675	rVB2	54570	56149	1.04%	0.101%
30	19.045	2675	2679	2685	rVB	236446	296504	5.49%	0.535%
31	19.145	2692	2696	2700	rVB4	45767	66890	1.24%	0.121%
32	19.345	2726	2730	2734	rBV	272934	382244	7.07%	0.690%
33	19.421	2734	2743	2752	rVB2	2526837	4484008	82.99%	8.089%
34	19.504	2752	2757	2763	rBV	328362	427803	7.92%	0.772%

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35	19.621	2772	2777	2780	rBV	480333	651197	12.05%	1.175%
36	19.698	2785	2790	2796	rVV	4500091	5403034	100.00%	9.747%
37	19.762	2796	2801	2806	rVB	1293140	1449631	26.83%	2.615%
38	19.886	2818	2822	2823	rBV2	143323	156677	2.90%	0.283%
39	19.909	2823	2826	2830	rVV2	361801	481575	8.91%	0.869%
40	19.956	2830	2834	2839	rVB	970049	1114543	20.63%	2.011%
41	20.033	2839	2847	2852	rBV	1682348	2035534	37.67%	3.672%
42	20.086	2852	2856	2859	rVV	476546	587417	10.87%	1.060%
43	20.145	2859	2866	2871	rVB	3896728	5020830	92.93%	9.058%
44	20.192	2871	2874	2880	rBV2	55025	67793	1.25%	0.122%
45	20.256	2880	2885	2887	rBV2	238901	307000	5.68%	0.554%
46	20.280	2887	2889	2898	rVV2	354719	683681	12.65%	1.233%
47	20.351	2898	2901	2904	rVV2	137731	158081	2.93%	0.285%
48	20.392	2904	2908	2913	rVV2	1402090	1794084	33.21%	3.237%
49	20.451	2913	2918	2924	rVB	3368887	3689494	68.29%	6.656%
50	20.521	2925	2930	2935	rBV2	273734	370883	6.86%	0.669%
51	20.586	2935	2941	2946	rVB3	331801	621412	11.50%	1.121%
52	20.668	2950	2955	2960	rBV	1603349	1861341	34.45%	3.358%
53	20.721	2960	2964	2967	rBV	791382	1069277	19.79%	1.929%
54	20.751	2967	2969	2973	rVV	1208774	1354190	25.06%	2.443%
55	20.792	2973	2976	2978	rVV	347437	404661	7.49%	0.730%
56	20.815	2978	2980	2987	rVB2	332700	420753	7.79%	0.759%
57	20.886	2988	2992	2994	rBV3	166970	213998	3.96%	0.386%
58	20.909	2994	2996	2999	rVV2	149447	163903	3.03%	0.296%
59	20.956	2999	3004	3006	rVV	1602909	1981697	36.68%	3.575%
60	20.980	3006	3008	3018	rVB	2078927	2630578	48.69%	4.746%
61	21.062	3019	3022	3026	rBV	140336	181251	3.35%	0.327%
62	21.121	3029	3032	3038	rVB5	92734	112950	2.09%	0.204%
63	21.280	3055	3059	3064	rBV	590340	759427	14.06%	1.370%
64	21.386	3074	3077	3081	rVB3	117938	133699	2.47%	0.241%
65	21.445	3083	3087	3092	rBV8	77655	116442	2.16%	0.210%
66	21.539	3097	3103	3107	rVV	1425346	1769211	32.74%	3.192%
67	21.580	3107	3110	3118	rVB6	71474	124054	2.30%	0.224%
68	21.668	3121	3125	3130	rVB	744543	903283	16.72%	1.630%
69	21.992	3176	3180	3186	rVB3	162381	222984	4.13%	0.402%
70	22.180	3208	3212	3216	rBV	414415	445699	8.25%	0.804%
71	24.021	3520	3525	3533	rVB	303204	613887	11.36%	1.107%

LSC Area Percent Report

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Smoothing : OFF Filtering: 5
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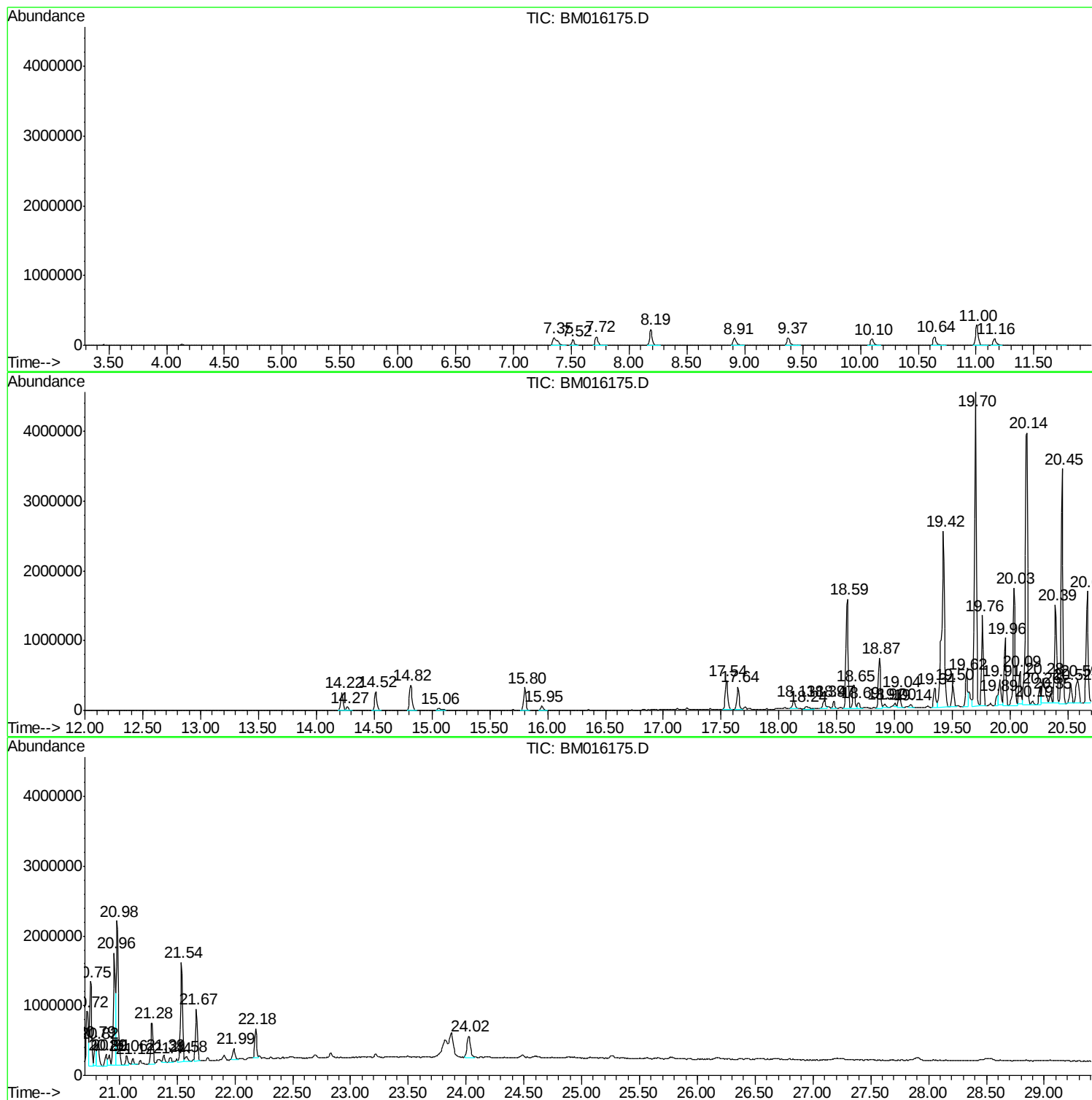
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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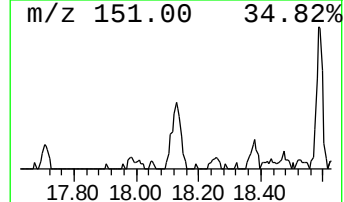
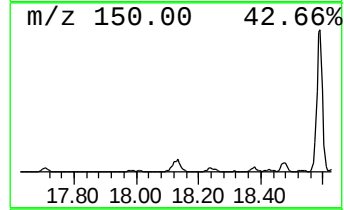
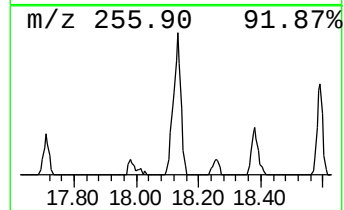
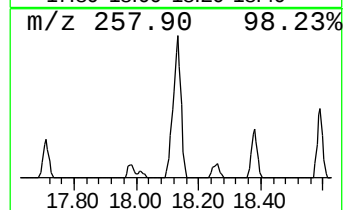
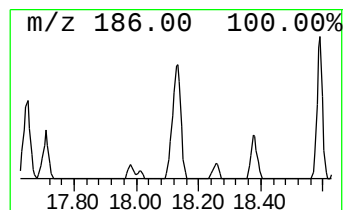
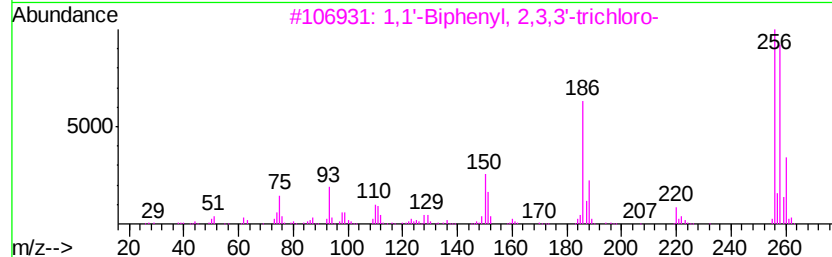
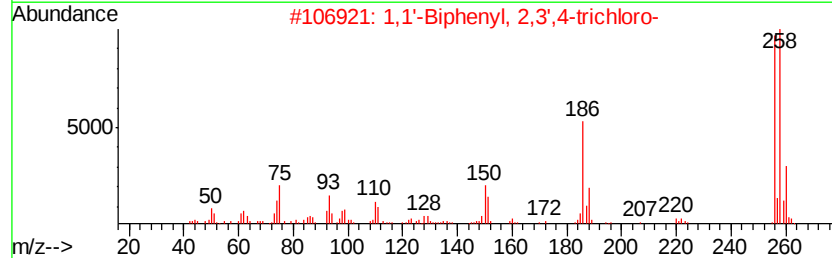
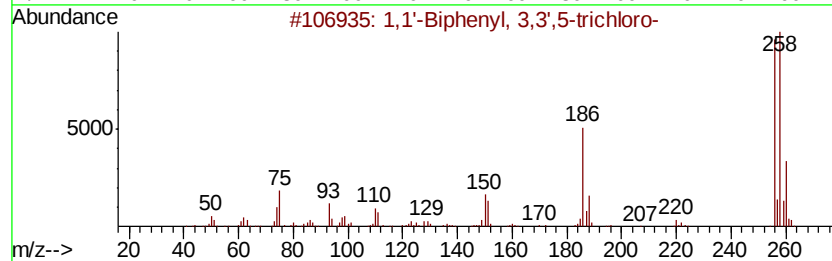
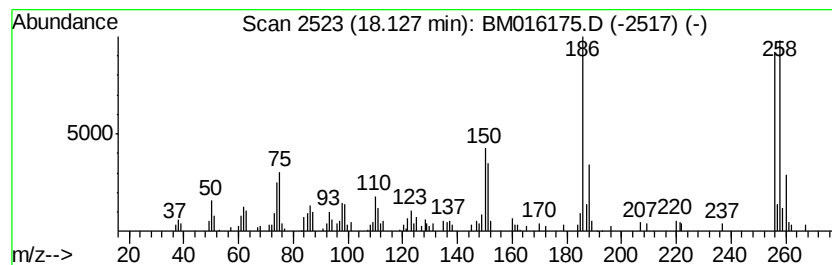
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	6.80 ng/ul	206156	Phenanthrene-d10	17.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl,	3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
2	1,1'	-Biphenyl,	2,3',4-trichloro-	256	C12H7Cl3	055712-37-3	99
3	1,1'	-Biphenyl,	2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	98
4	1,1'	-Biphenyl,	2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	98
5	1,1'	-Biphenyl,	2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98



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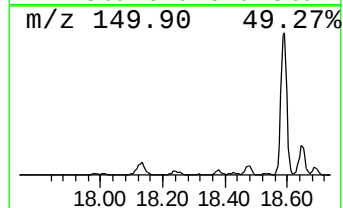
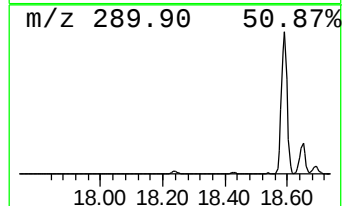
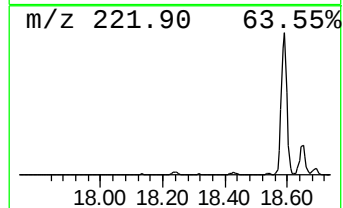
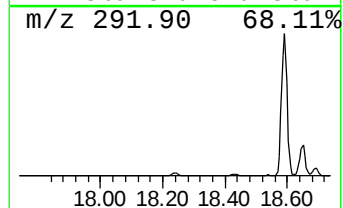
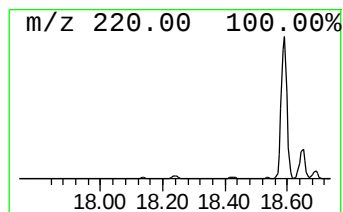
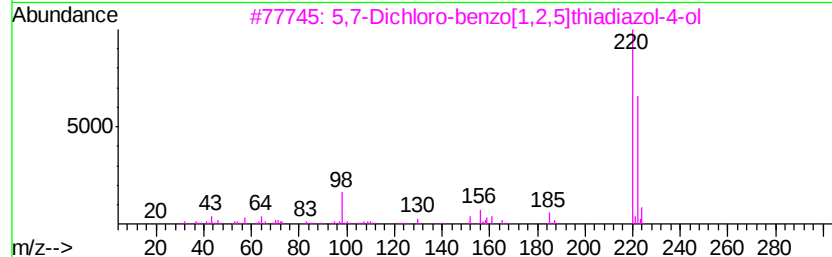
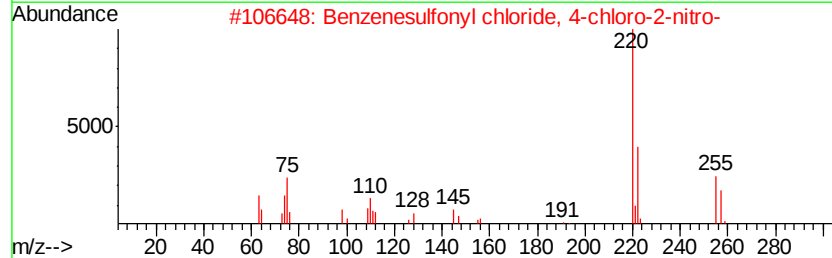
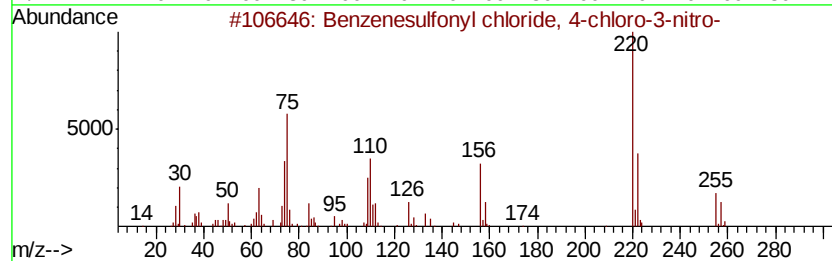
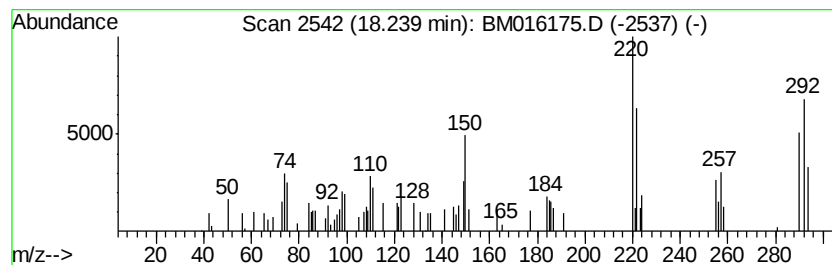
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.92 ng/ul	88485	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenesulfonyl chloride, 4-chlo...	255	C6H3Cl2N04S	000097-08-5	38
2		Benzenesulfonyl chloride, 4-chlo...	255	C6H3Cl2N04S	004533-96-4	38
3		5,7-Dichloro-benzo[1,2,5]thiadia...	220	C6H2Cl2N20S	016407-74-2	30
4		Benzenesulfonyl chloride, 2-chlo...	255	C6H3Cl2N04S	004533-95-3	30
5		(5,7-Dichloro-benzo[1,2,5]thiadi...	278	C8H4Cl2N203S	016407-77-5	27



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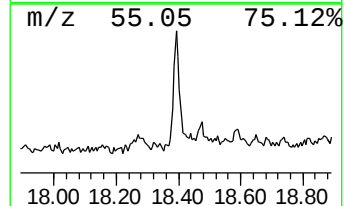
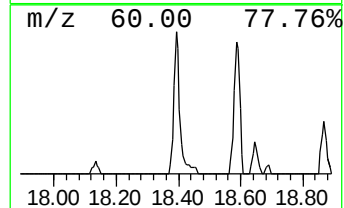
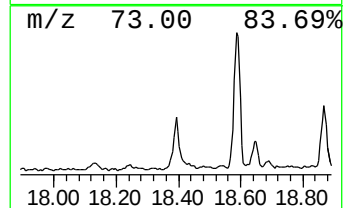
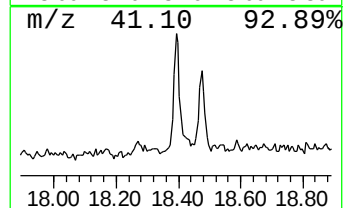
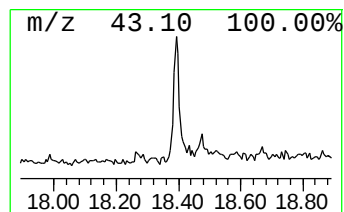
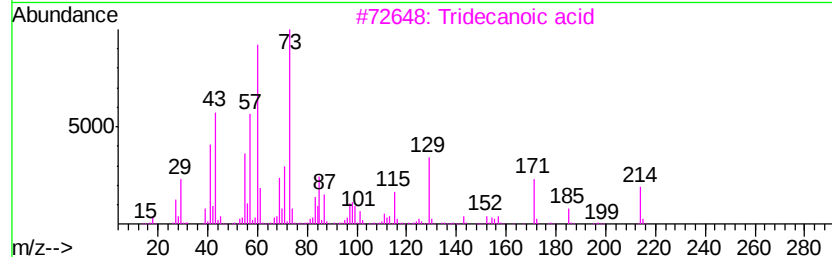
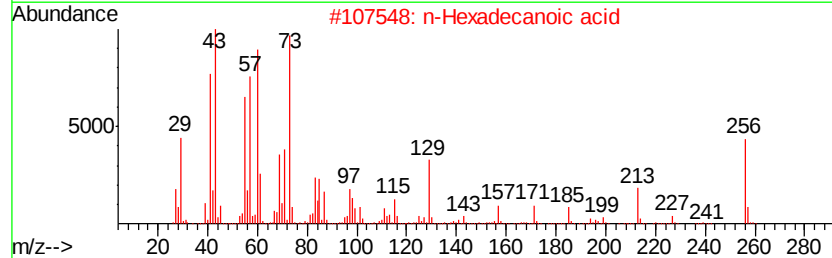
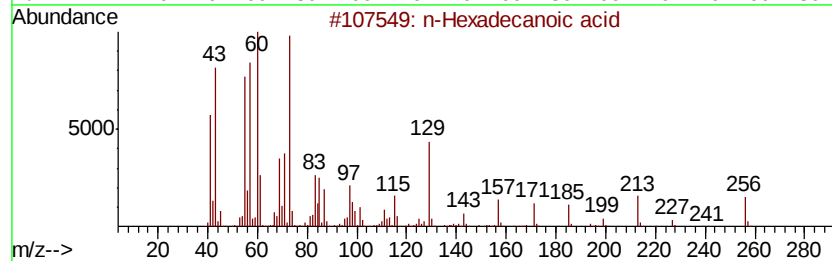
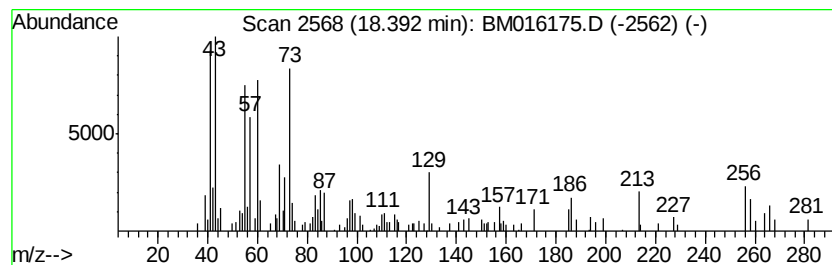
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	6.47 ng/ul	196209	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	78
4		Tridecanoic acid	214	C13H26O2	000638-53-9	78
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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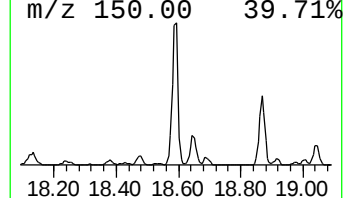
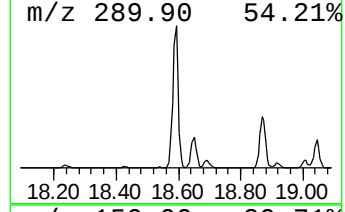
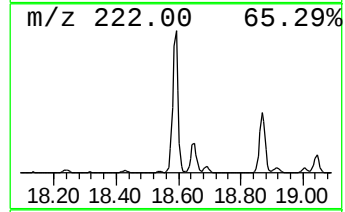
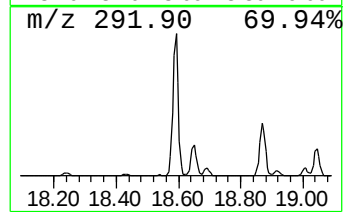
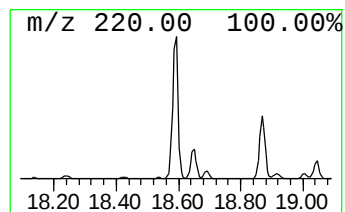
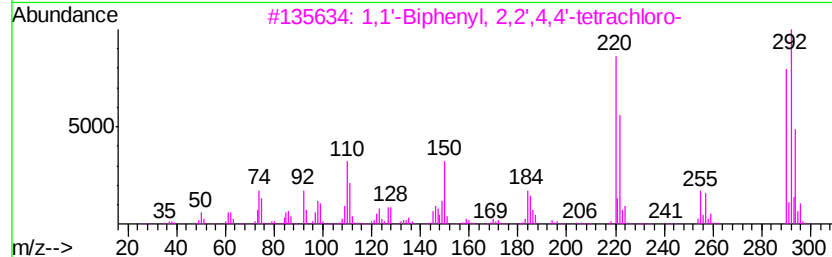
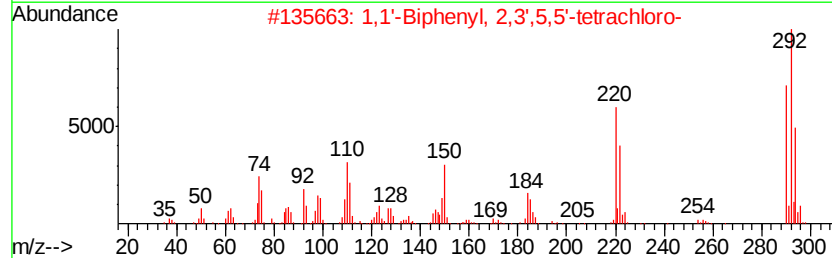
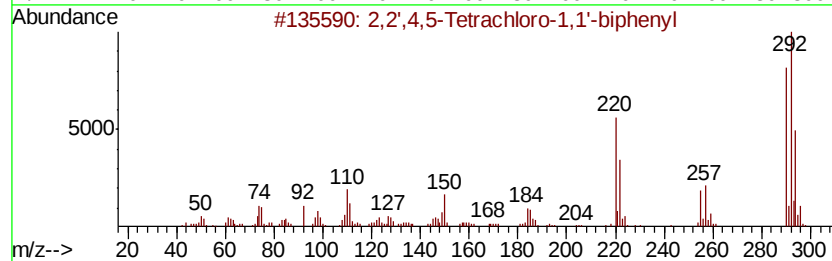
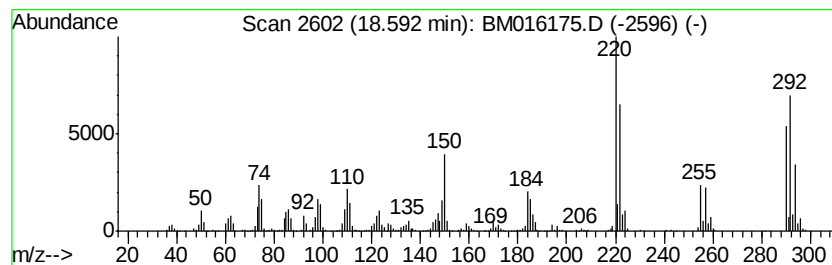
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	65.35 ng/ul	1982310	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2		1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4		1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
5		2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

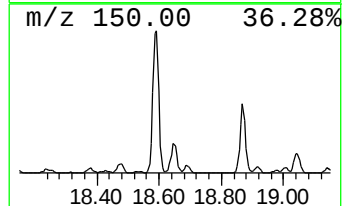
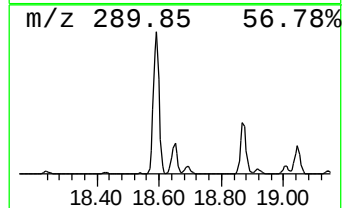
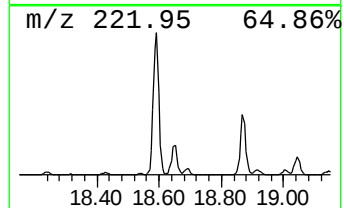
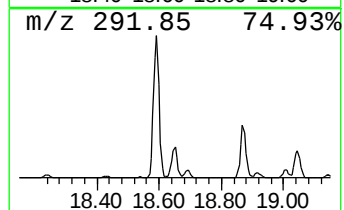
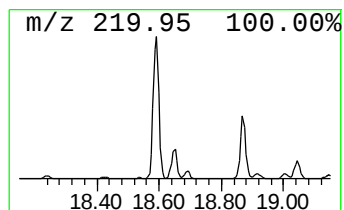
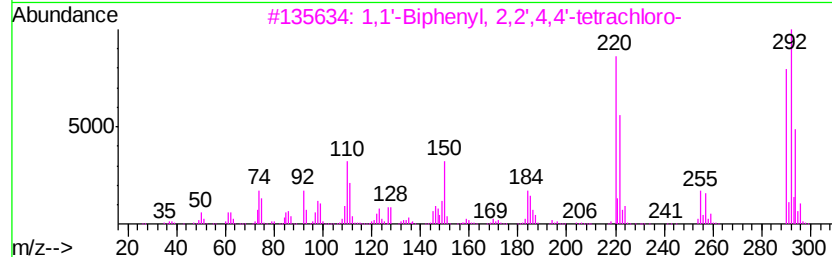
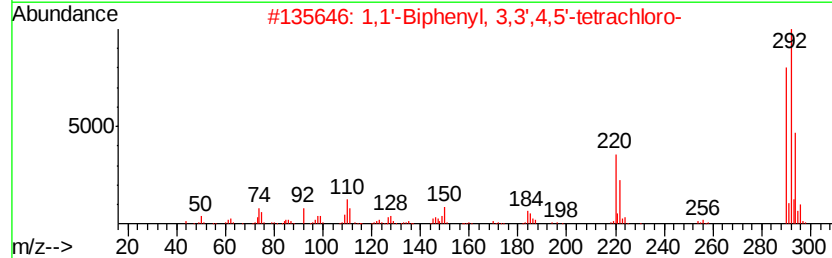
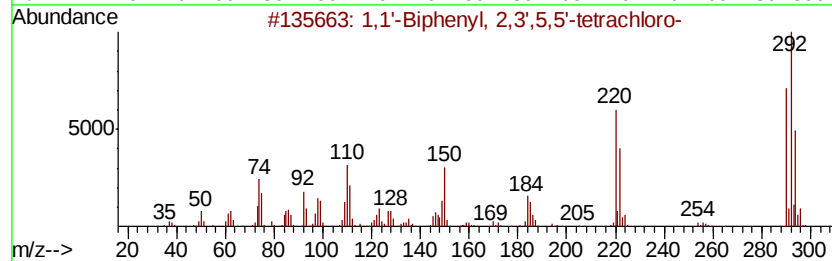
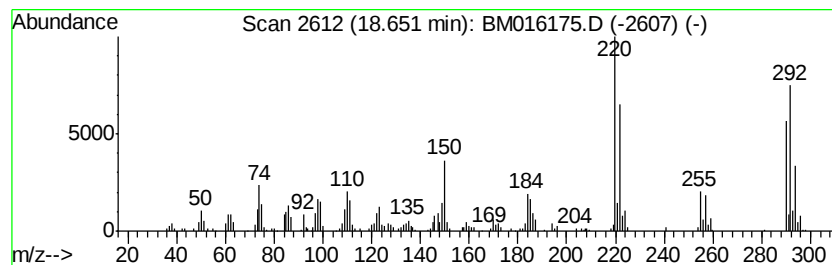
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.65	14.65 ng/ul	444241	Phenanthrene-d10	17.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
2	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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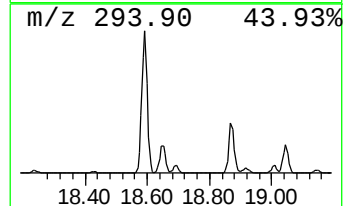
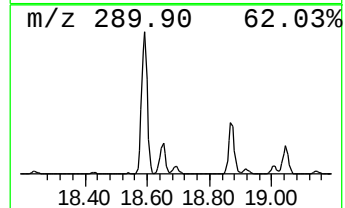
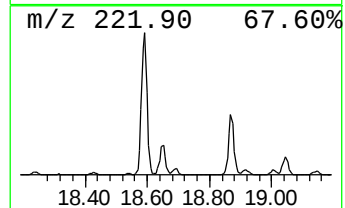
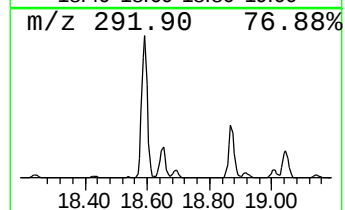
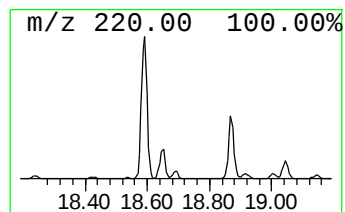
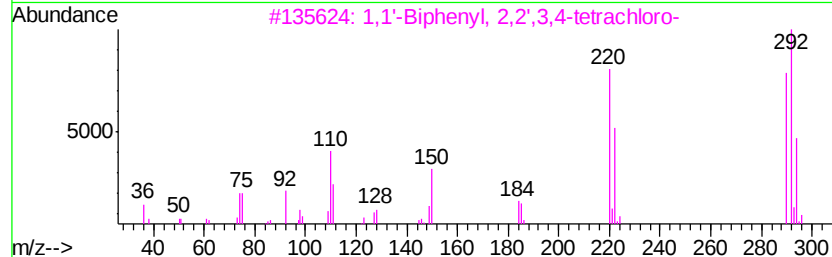
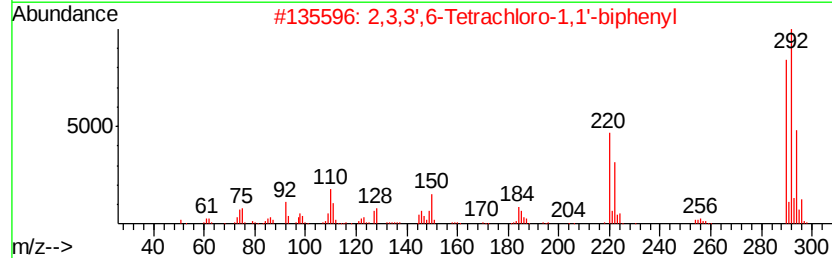
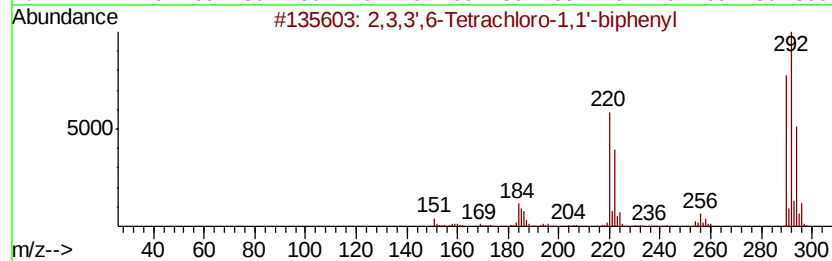
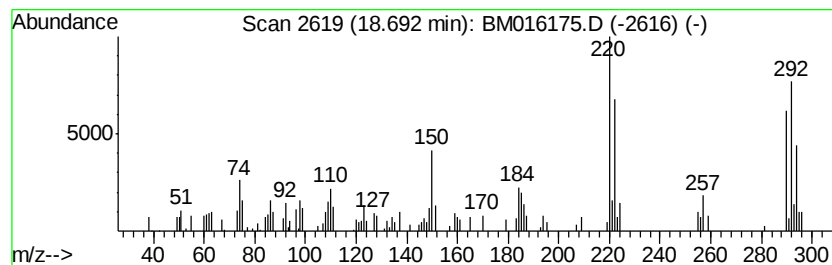
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	3.38 ng/ul	102645	Phenanthrene-d10	17.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99		
2	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	97		
3	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	97		
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	97		
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	97		



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
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Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

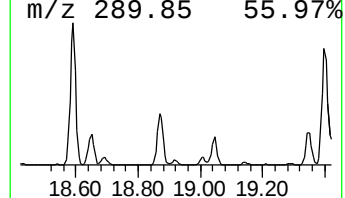
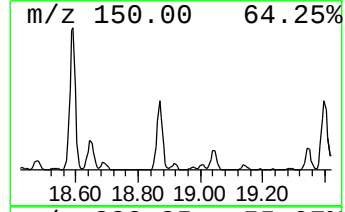
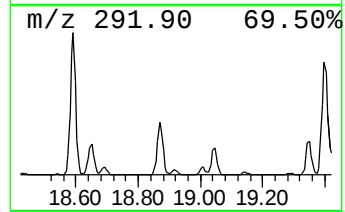
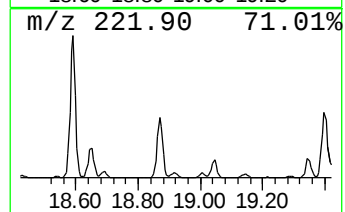
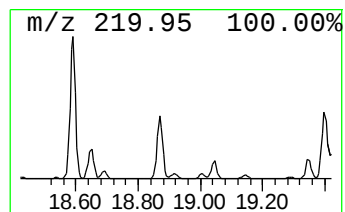
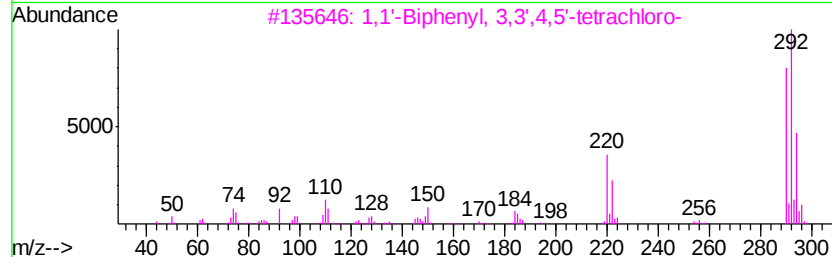
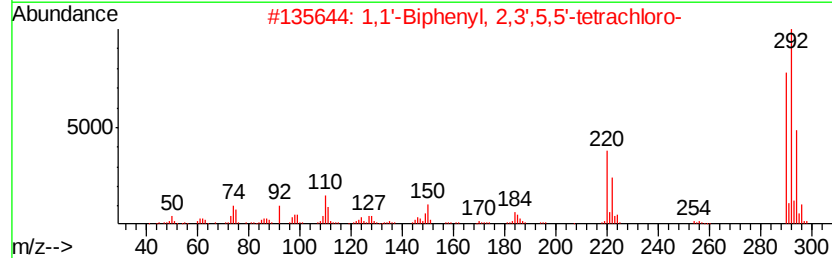
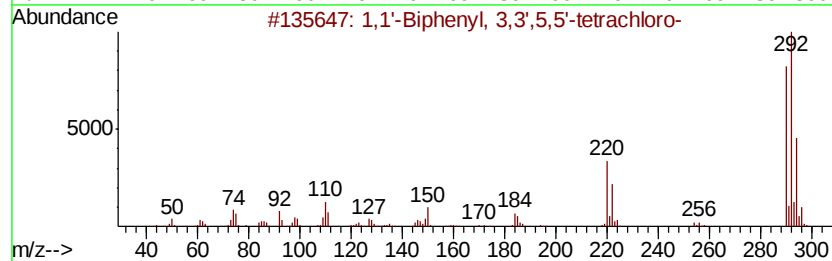
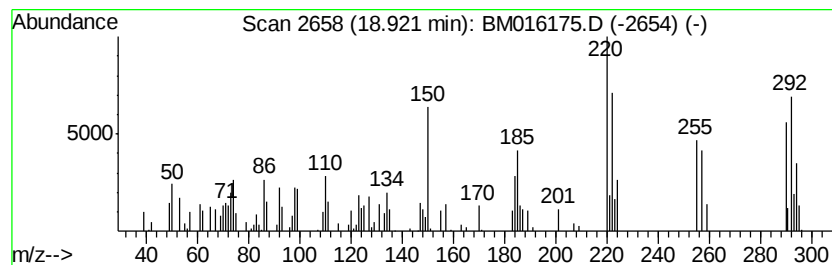
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 3,3',5,5'-te... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.92	2.73 ng/ul	82927	Phenanthrene-d10	17.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	95
2	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	95
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	95
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	95
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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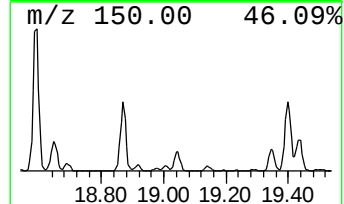
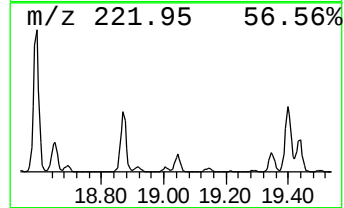
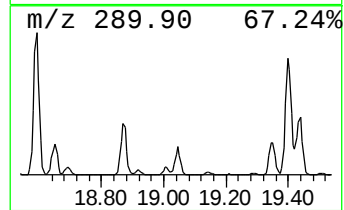
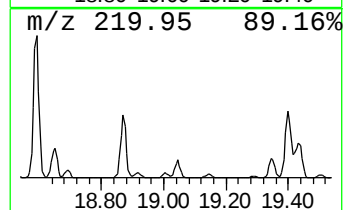
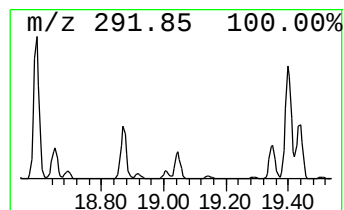
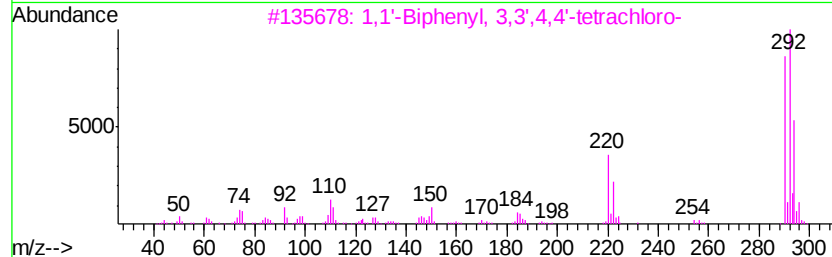
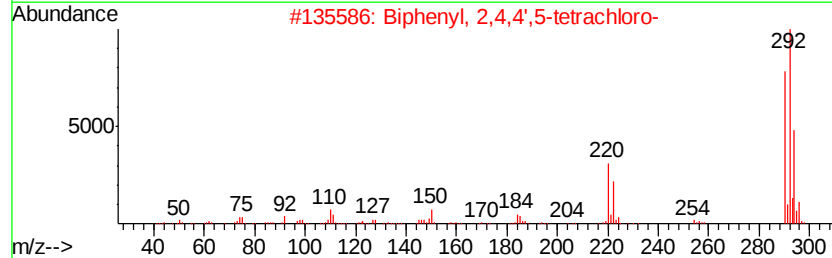
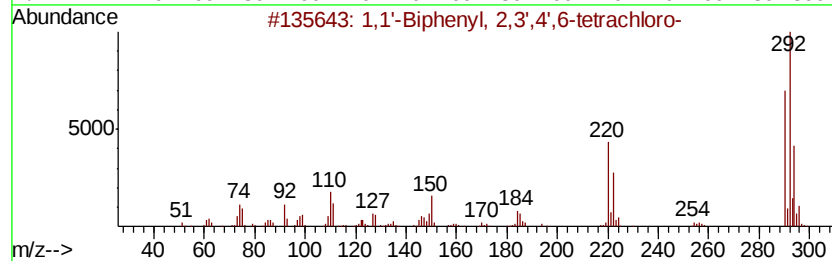
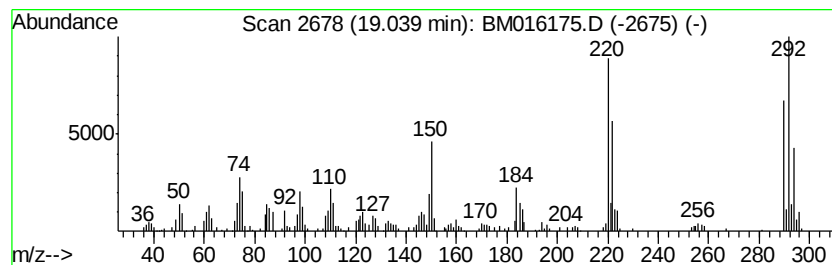
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,3',4',6-te... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	9.78 ng/ul	296504	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
2		Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3		1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
4		2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
5		1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
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Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
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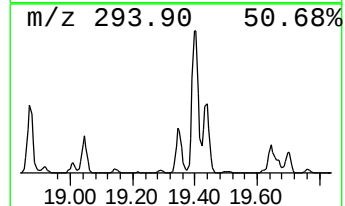
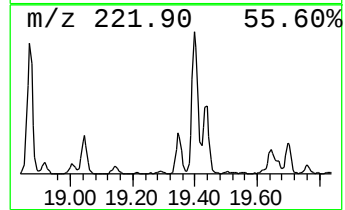
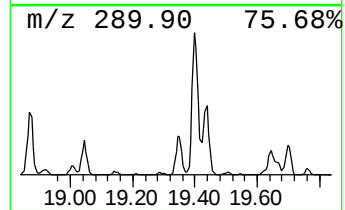
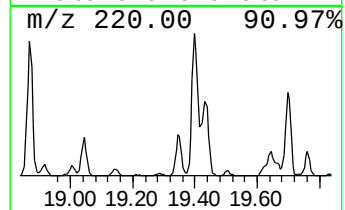
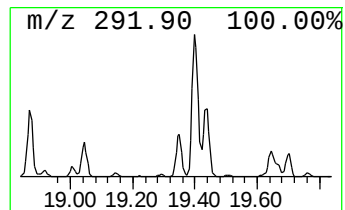
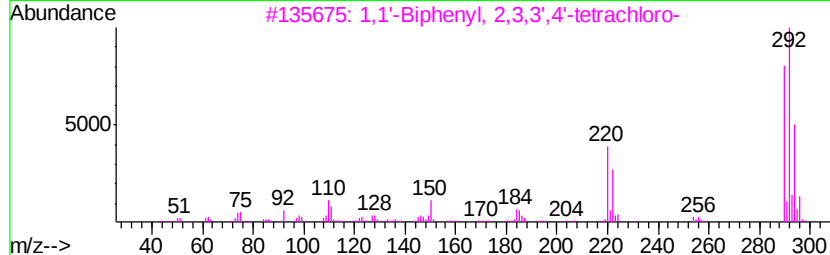
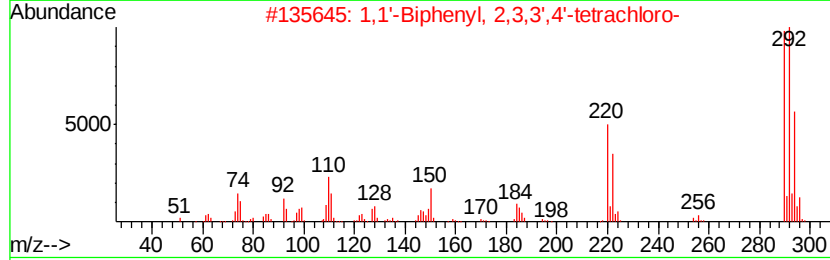
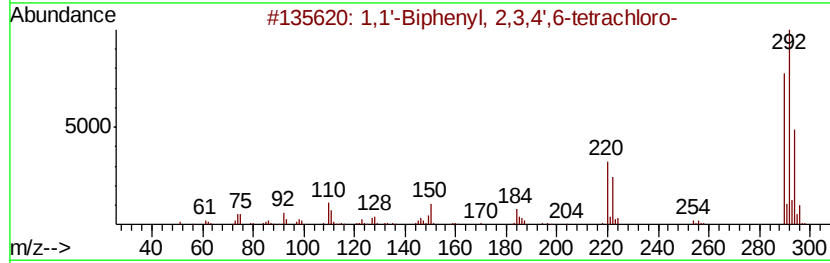
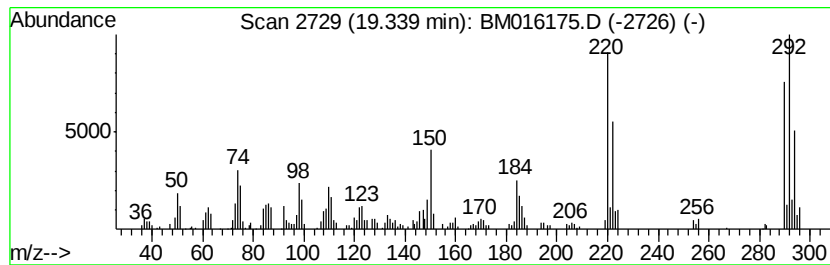
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.34	12.60 ng/ul	382244	Phenanthrene-d10	17.54		
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	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99	
3	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99	
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99	
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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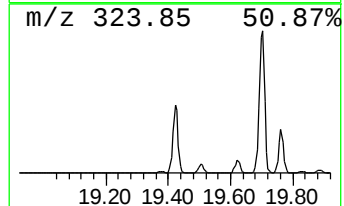
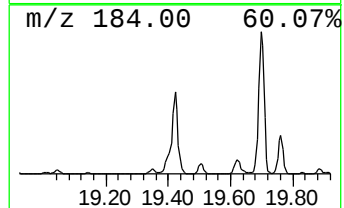
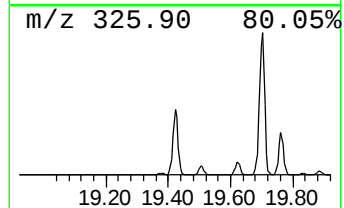
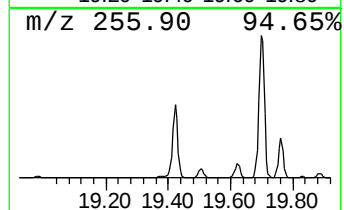
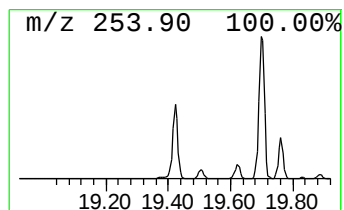
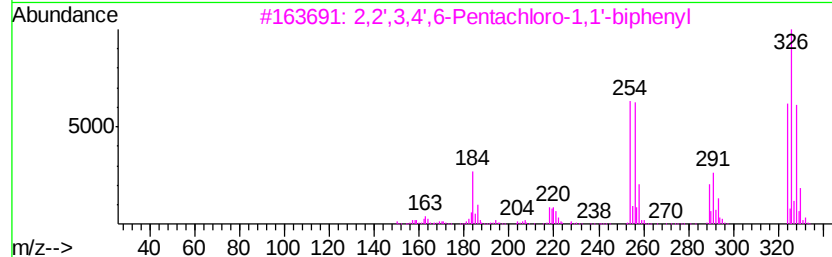
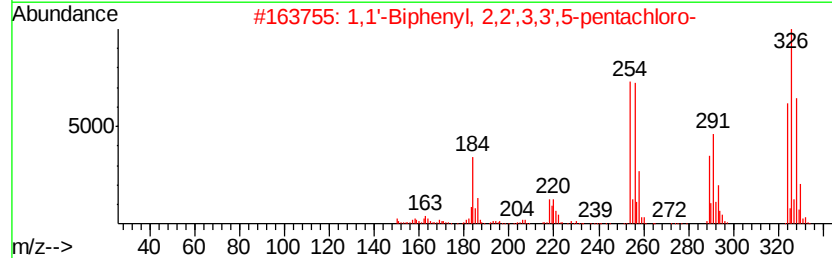
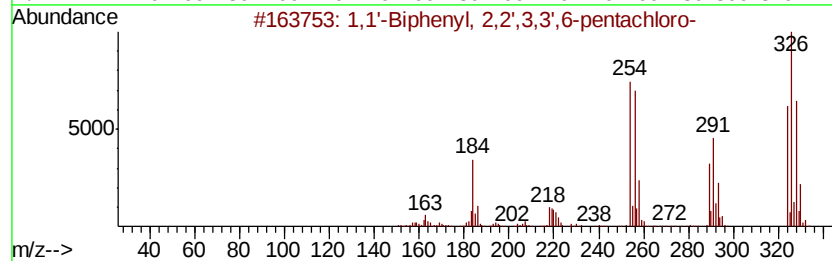
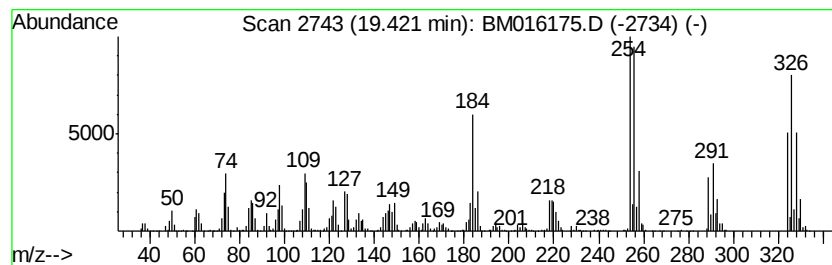
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	147.83 ng/ul	4484010	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
2		1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
3		2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
4		1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
5		2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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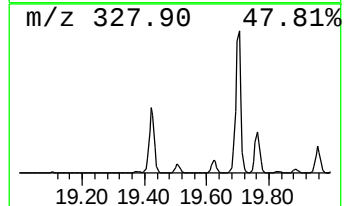
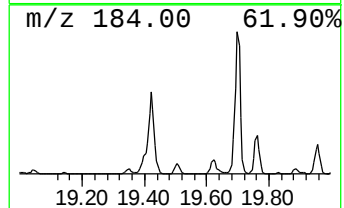
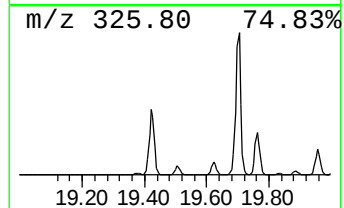
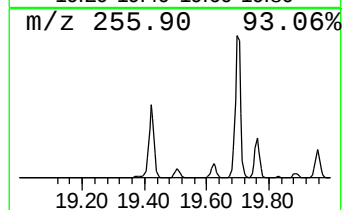
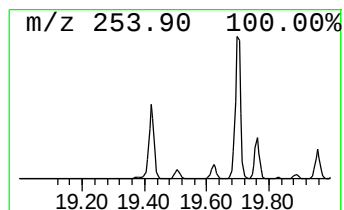
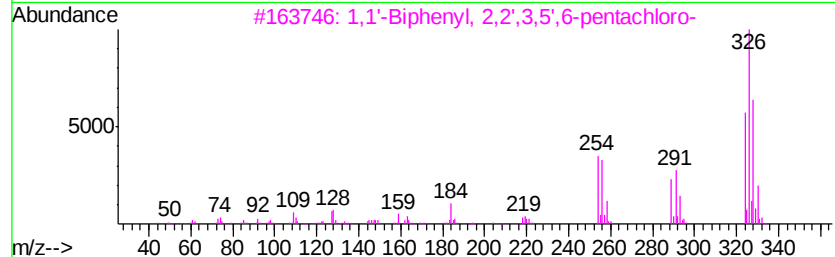
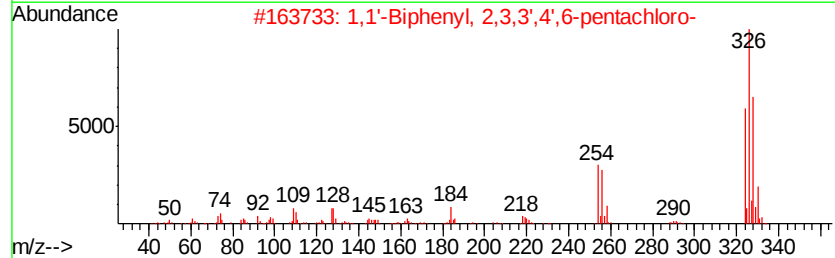
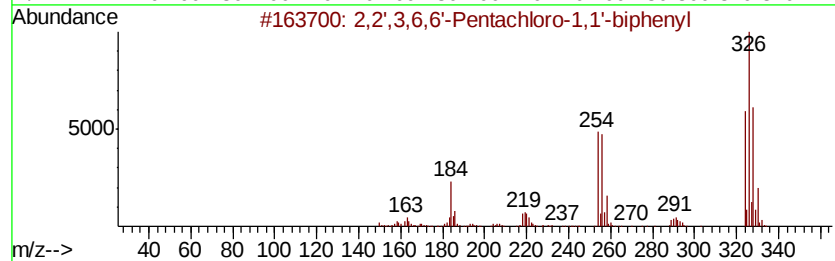
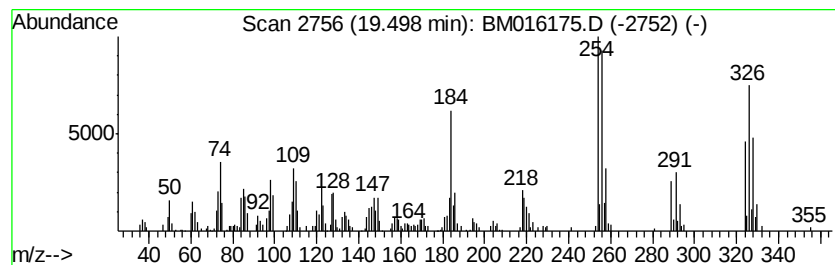
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 2,2',3,6,6'-Pentachloro-1,1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	14.10 ng/ul	427803	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
2		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3		1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
4		2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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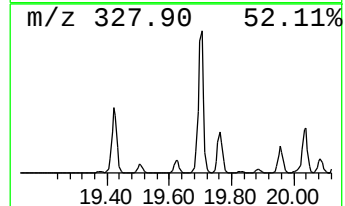
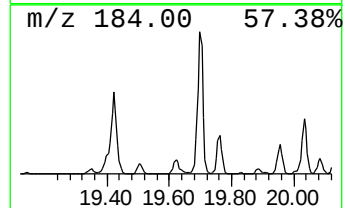
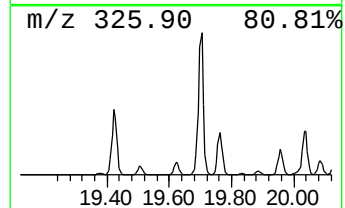
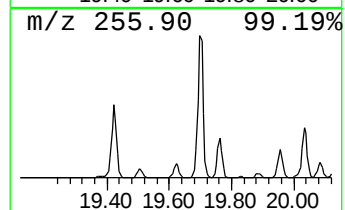
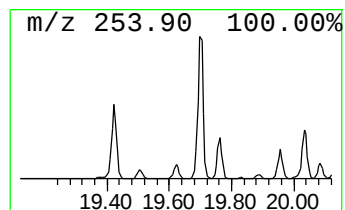
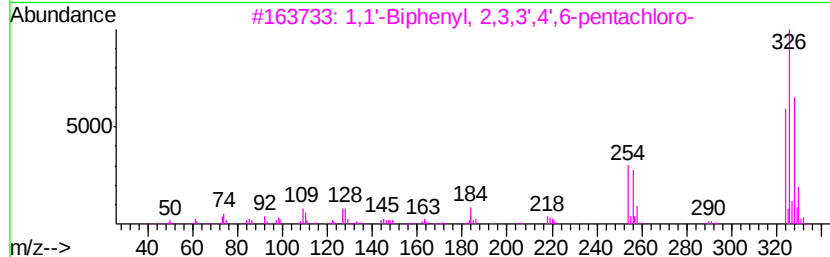
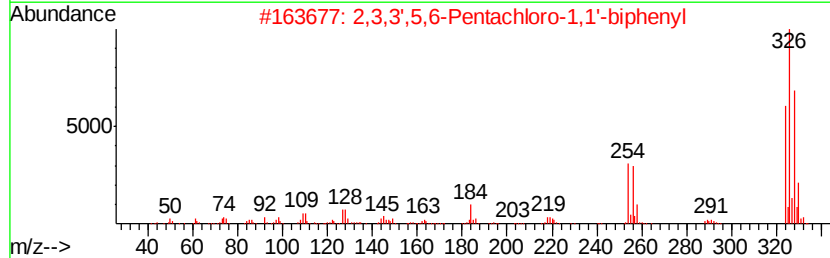
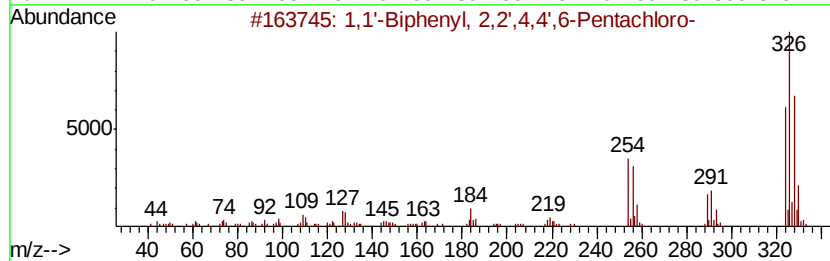
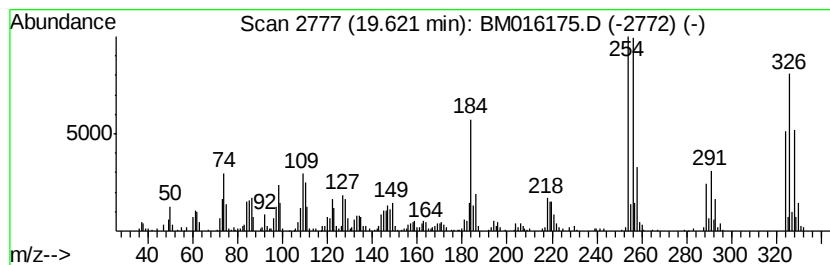
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,2',4,4',6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	14.42 ng/ul	651197	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
2		2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
3		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4		2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
5		2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

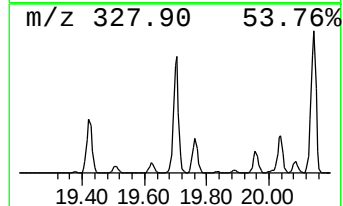
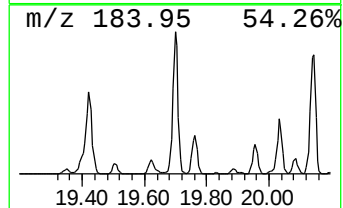
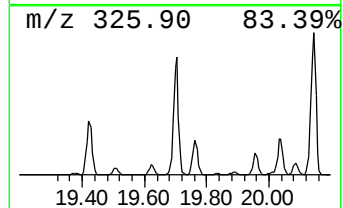
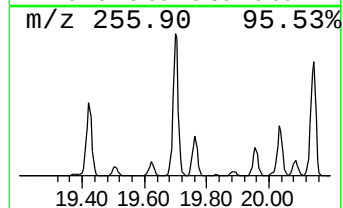
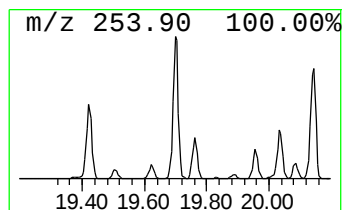
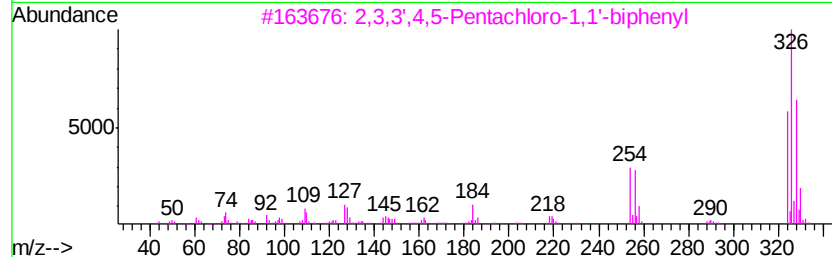
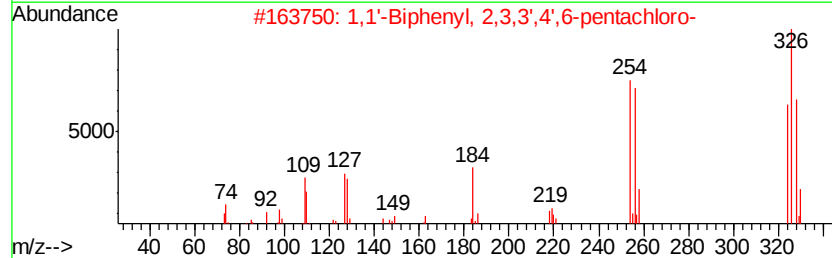
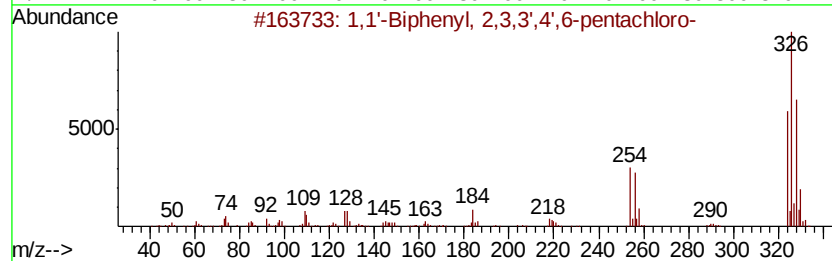
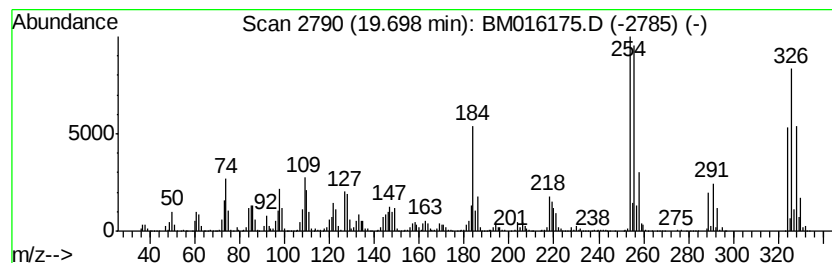
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.70	119.63 ng/ul	5403030	Chrysene-d12	21.67		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'	-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	2,3,3',4,5	-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	98
4	2,3,3',4,5'	-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	98
5	1,1'	-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	98



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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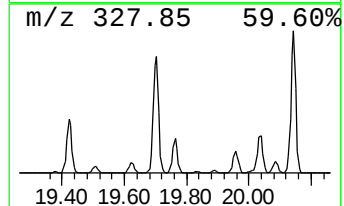
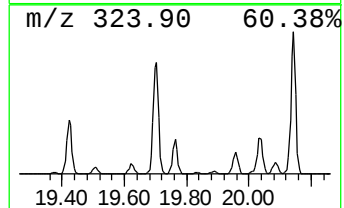
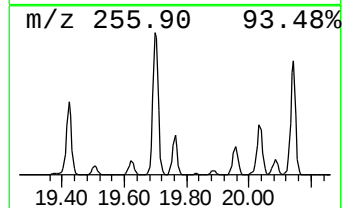
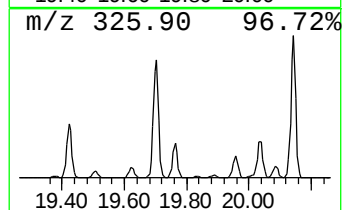
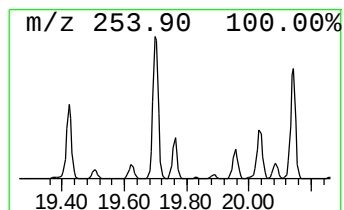
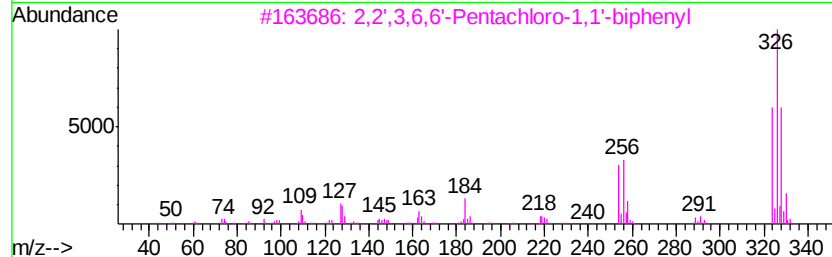
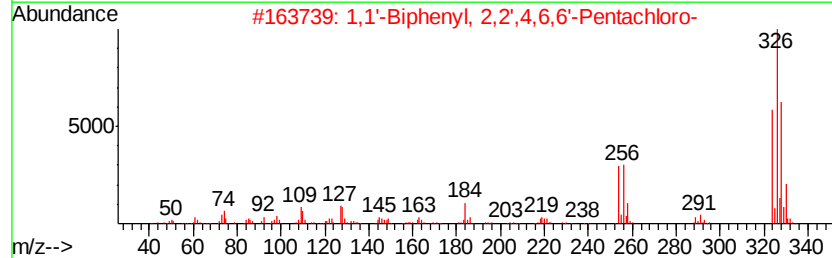
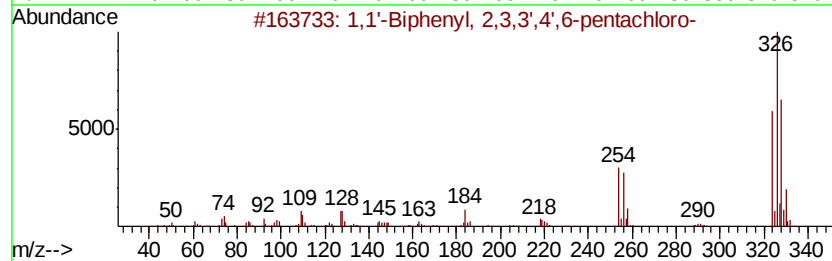
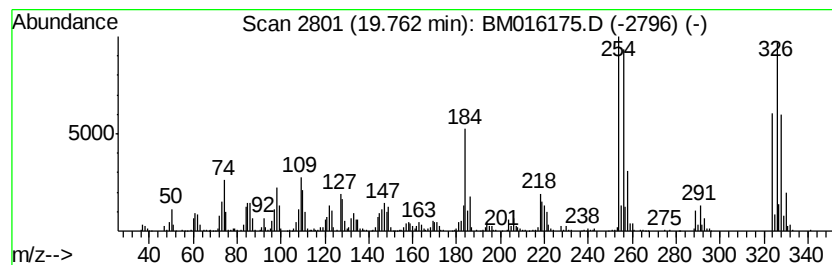
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	32.10 ng/ul	1449630	Chrysene-d12	21.67

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, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
3		2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
4		2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

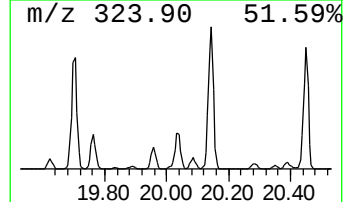
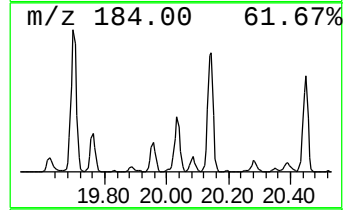
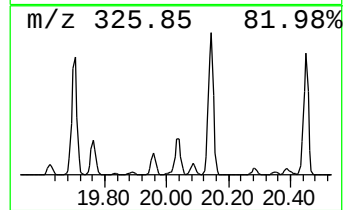
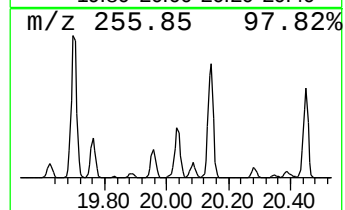
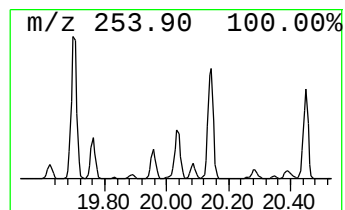
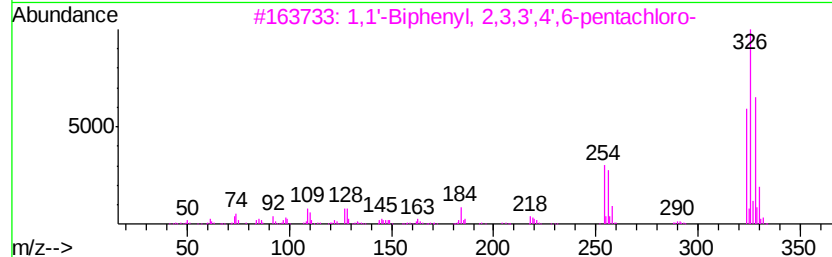
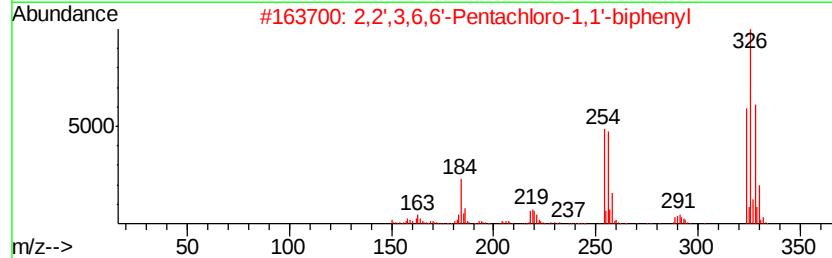
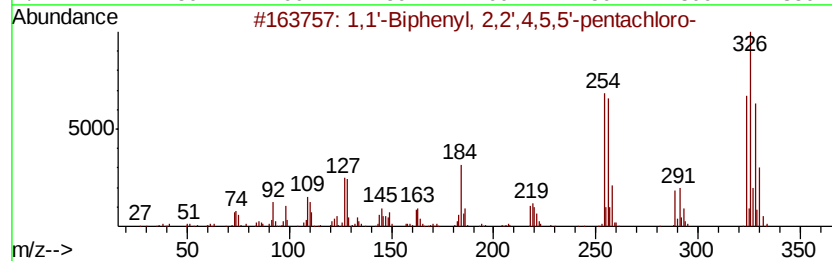
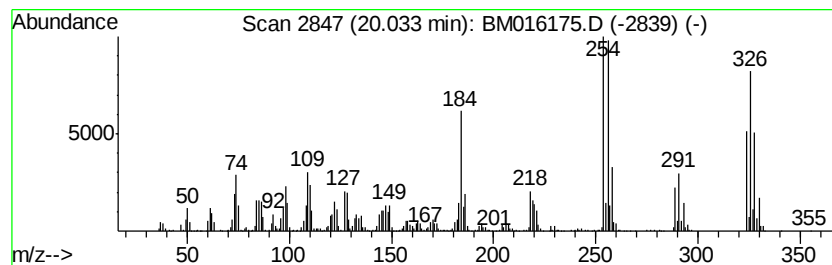
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	45.07 ng/ul	2035530	Chrysene-d12	21.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2 99
2	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9 99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9 99
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2 99
5	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4 99



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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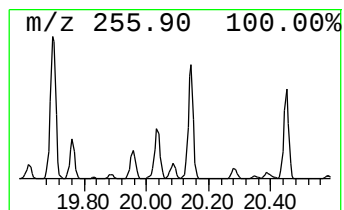
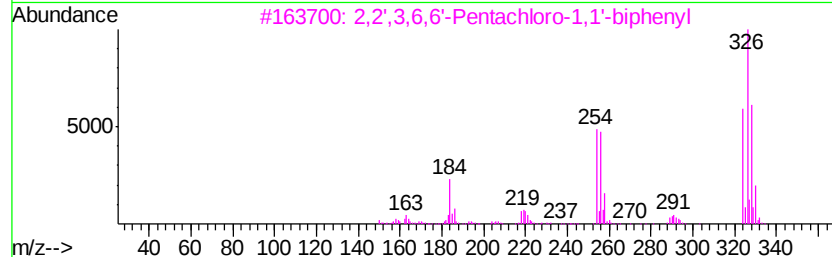
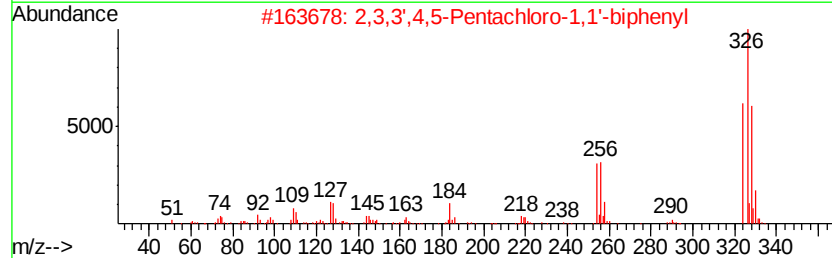
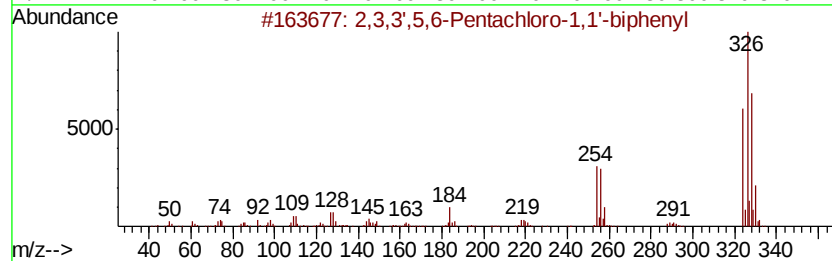
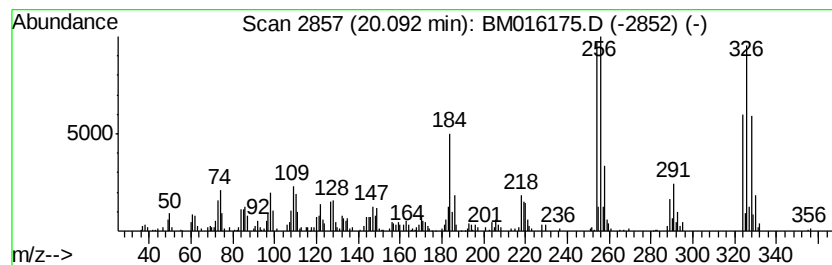
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 2,3,3',5,6-Pentachloro-1,1'... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	13.01 ng/ul	587417	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
2		2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
3		2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
4		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	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\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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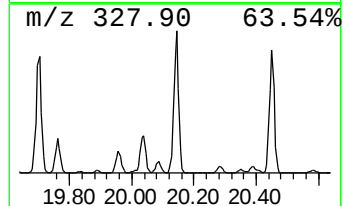
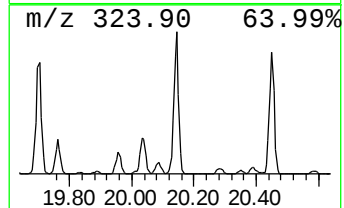
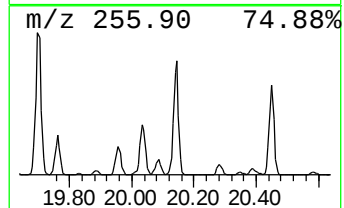
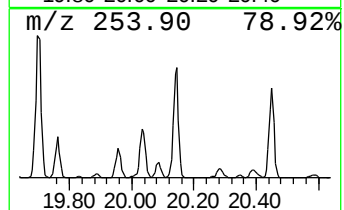
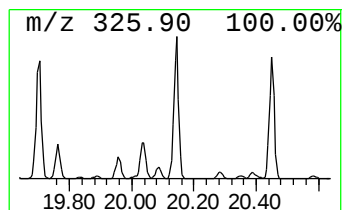
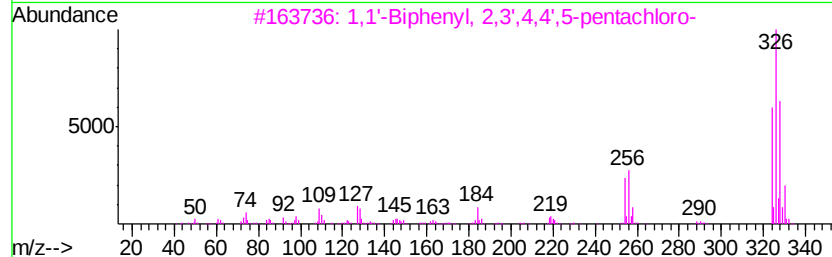
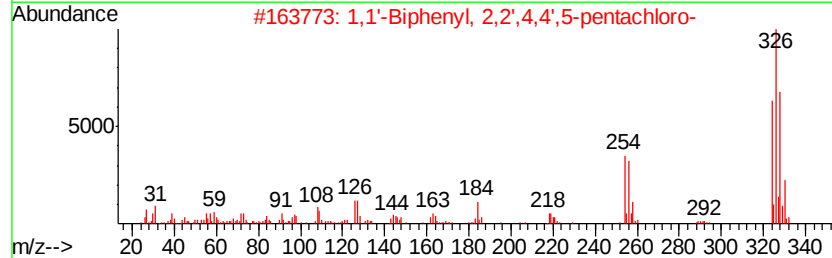
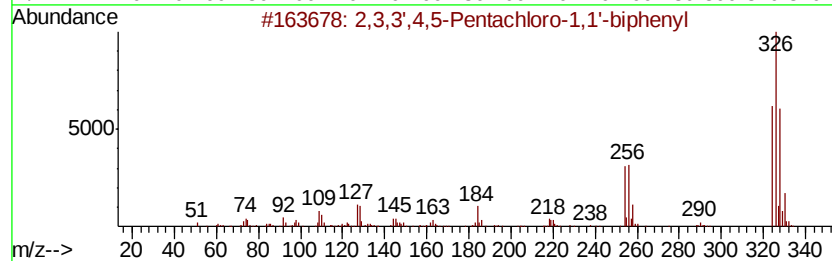
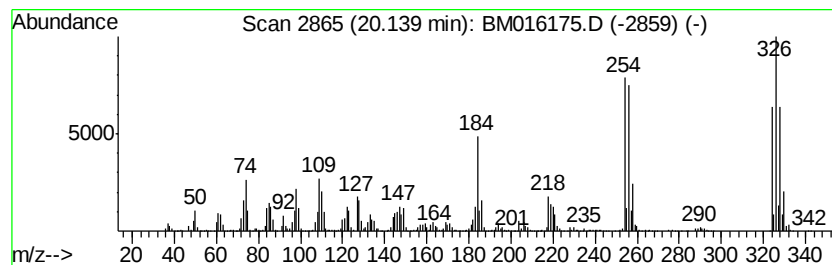
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	111.17 ng/ul	5020830	Chrysene-d12	21.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	98		
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	97		
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96		
4	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	96		
5	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC9

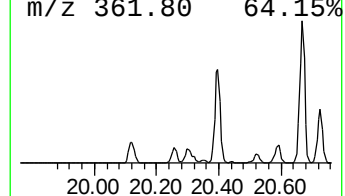
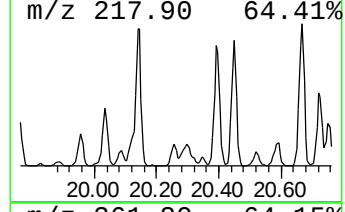
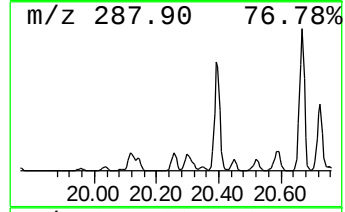
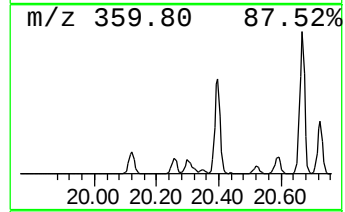
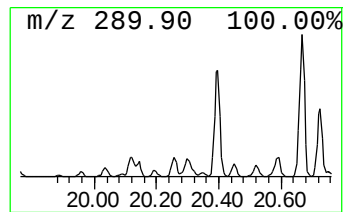
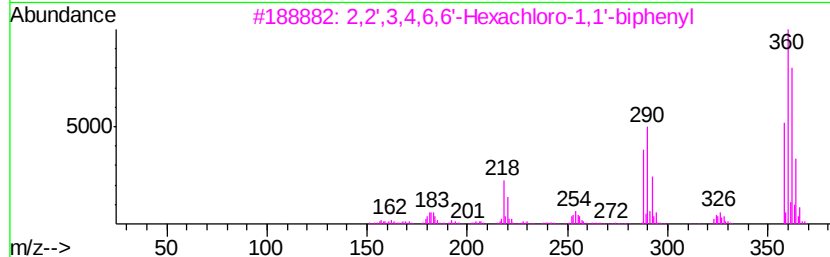
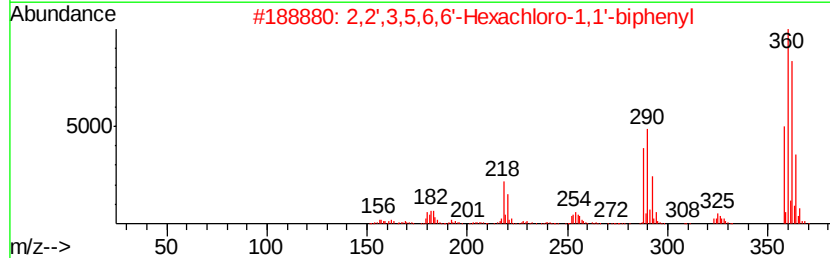
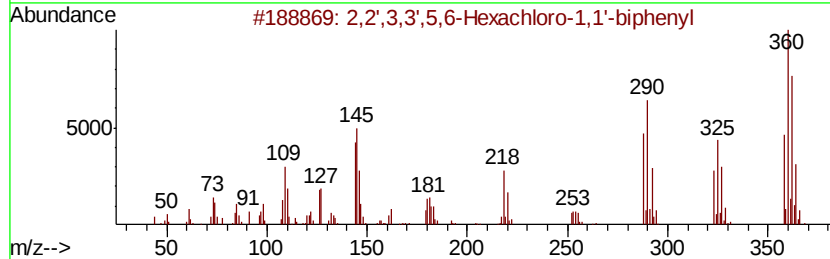
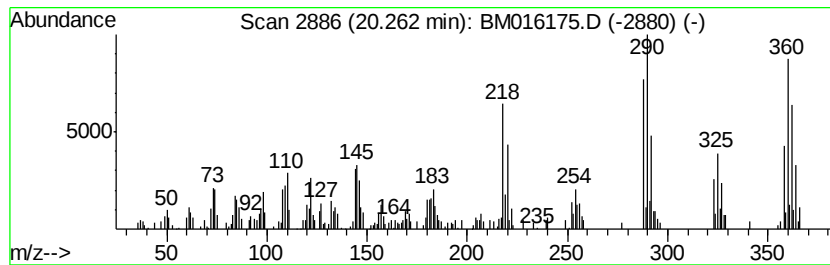
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	6.80 ng/ul	307000	Chrysene-d12	21.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99		
2	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99		
3	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99		
4	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99		
5	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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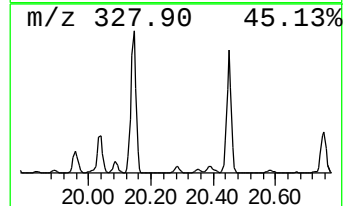
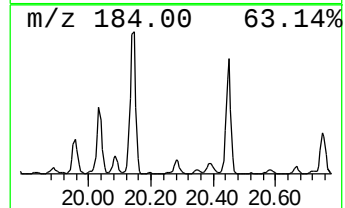
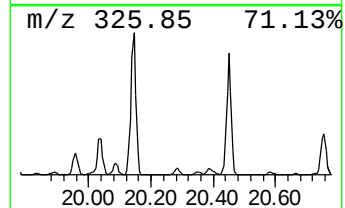
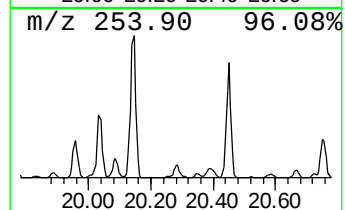
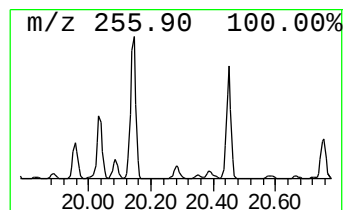
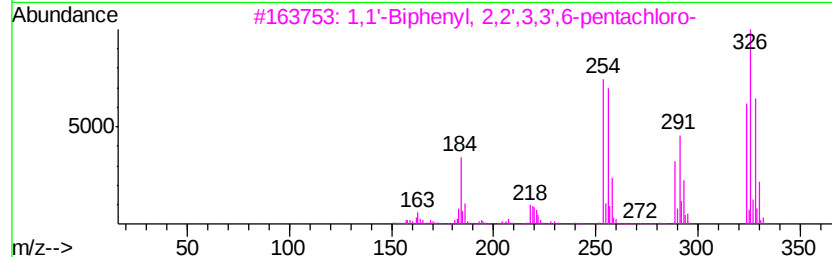
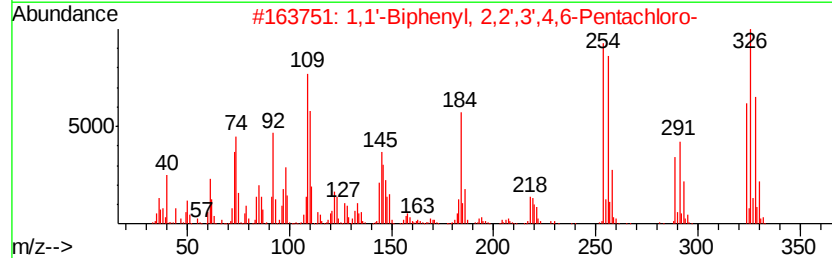
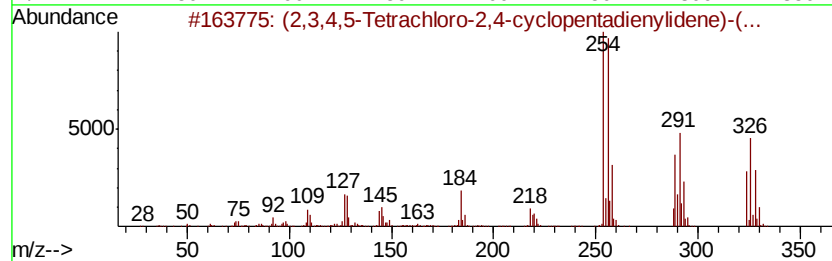
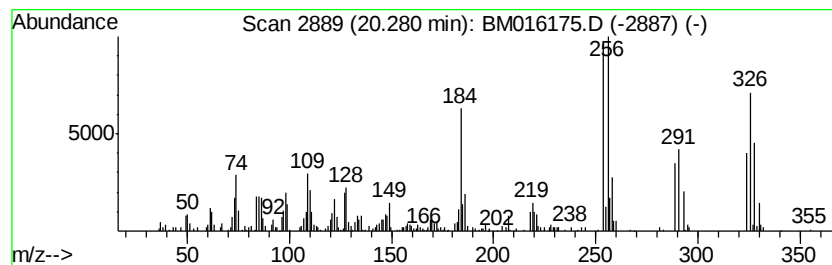
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (2,3,4,5-Tetrachloro-2,4-cy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	15.14 ng/ul	683681	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	96
2		1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	96
3		1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	96
4		1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	95
5		1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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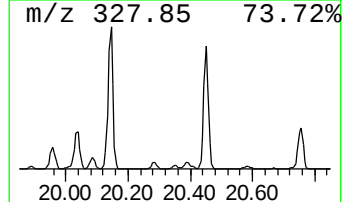
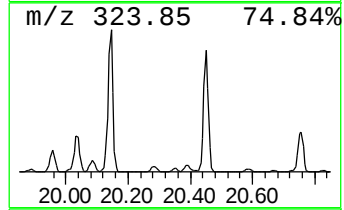
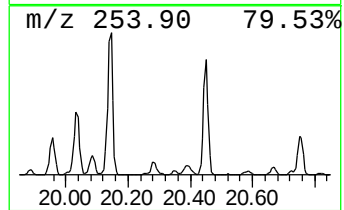
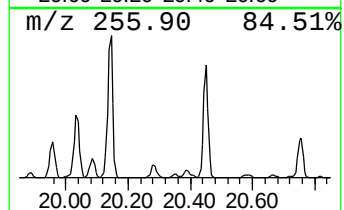
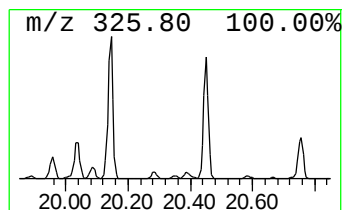
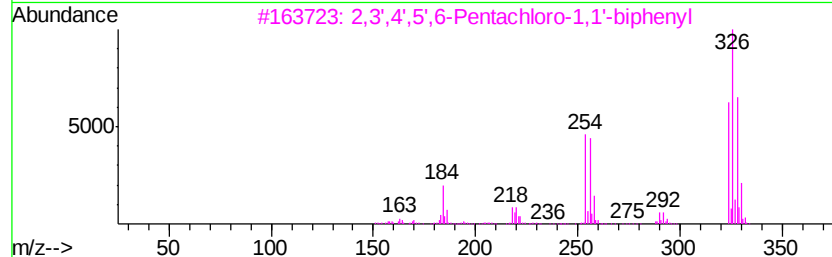
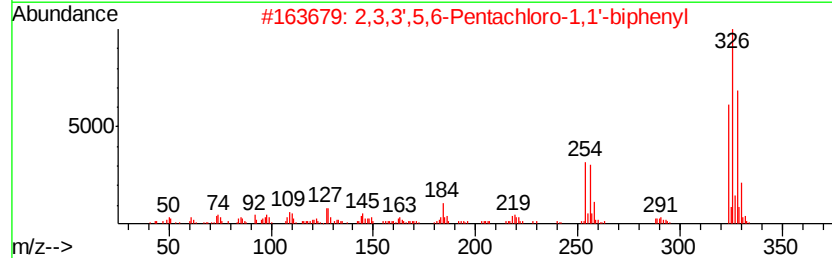
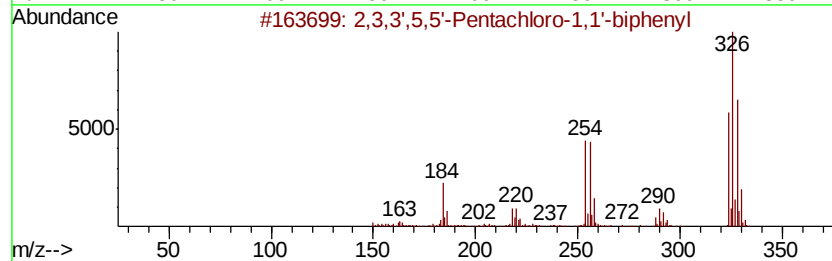
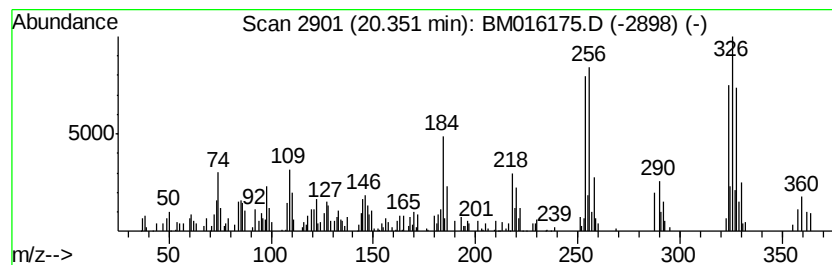
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 2,3,3',5,5'-Pentachloro-1,1... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.35	3.50 ng/ul	158081	Chrysene-d12	21.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5,5'-Pentachloro-1,1'-biphenyl	324	C12H5Cl5	039635-32-0	99		
2	2,3,3',5,6-Pentachloro-1,1'-biphenyl	324	C12H5Cl5	074472-36-9	99		
3	2,3',4',5',6-Pentachloro-1,1'-biphenyl	324	C12H5Cl5	074472-39-2	99		
4	2,3,3',4',5'-Pentachloro-1,1'-biphenyl	324	C12H5Cl5	076842-07-4	99		
5	2,3,3',5',6-Pentachloro-1,1'-biphenyl	324	C12H5Cl5	068194-10-5	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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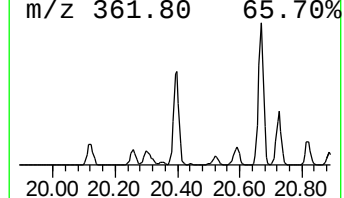
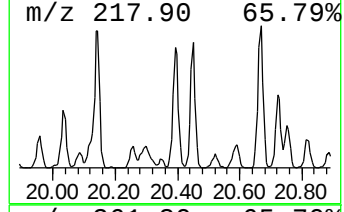
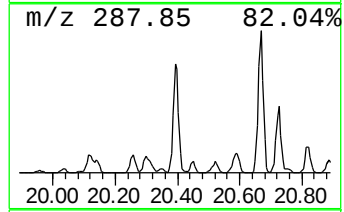
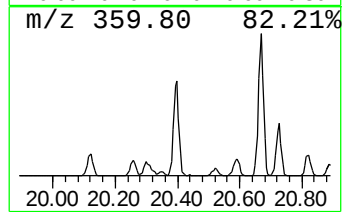
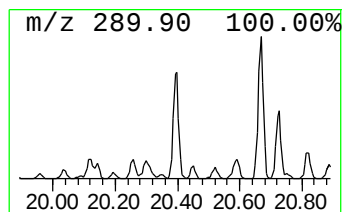
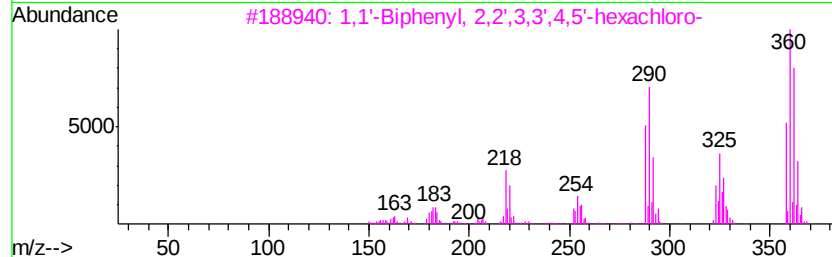
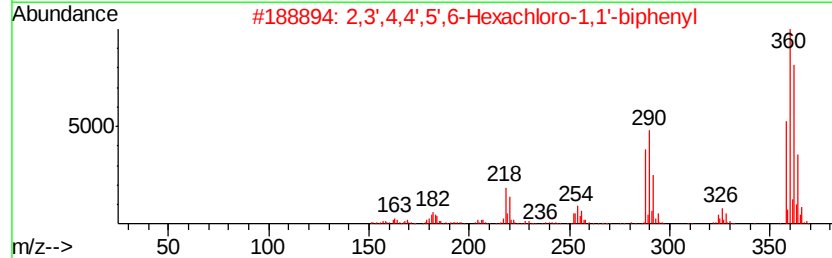
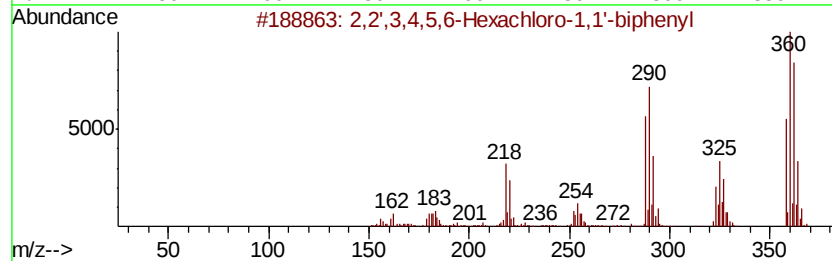
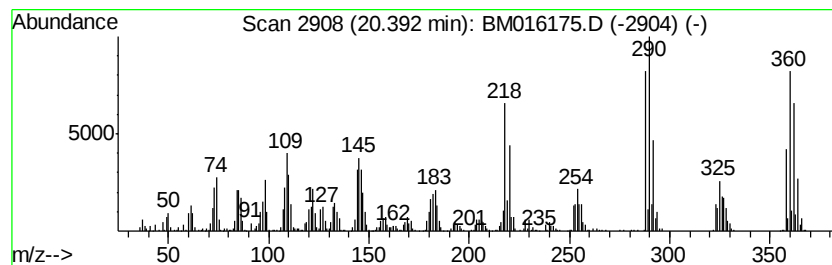
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	39.72 ng/ul	1794080	Chrysene-d12	21.67

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		2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
3		1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
4		2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
5		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

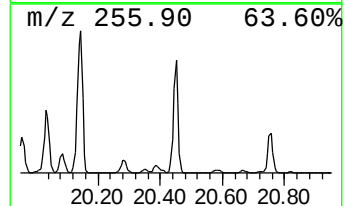
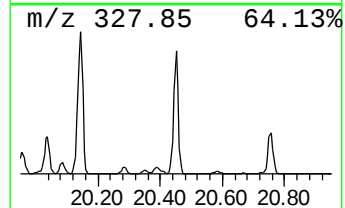
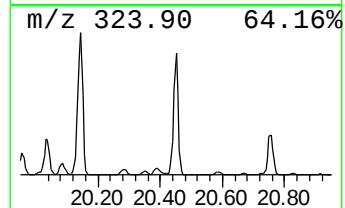
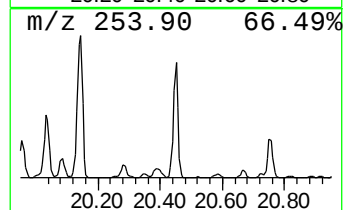
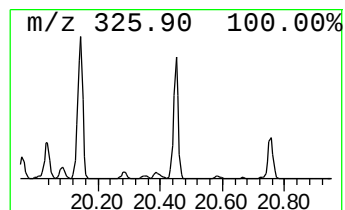
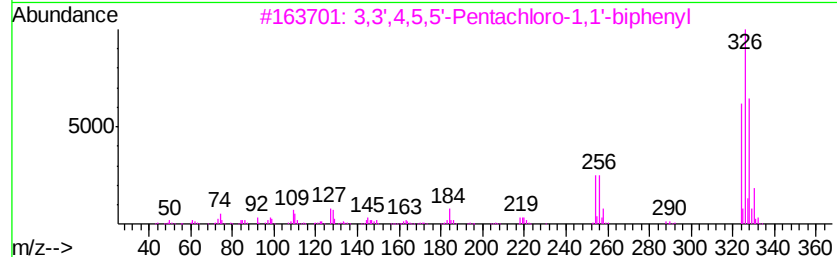
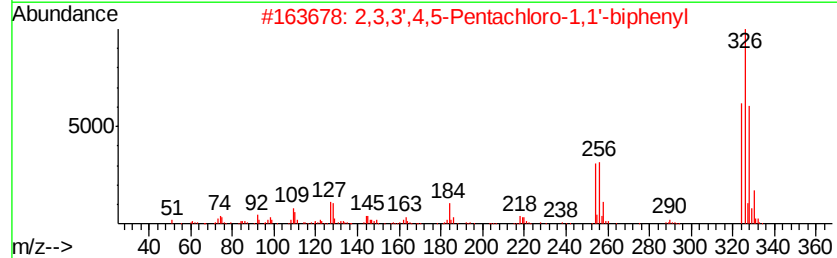
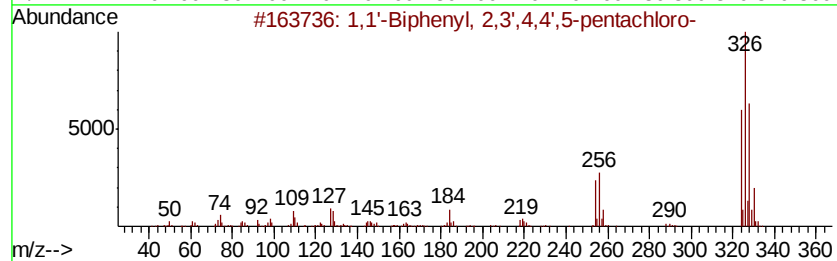
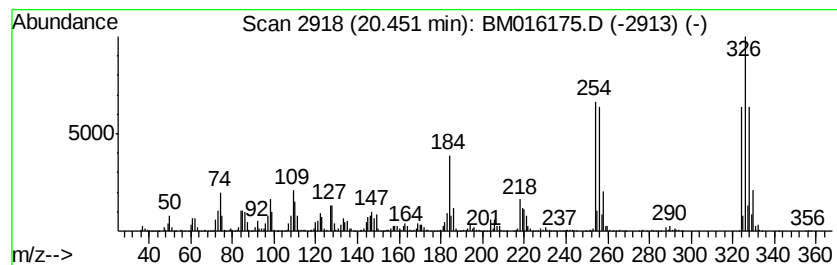
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.45	81.69 ng/ul	3689490	Chrysene-d12	21.67		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	2,3,3',	4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
3	3,3',	4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
4	2,2',	3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	96
5	2,2',	3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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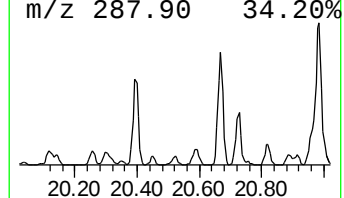
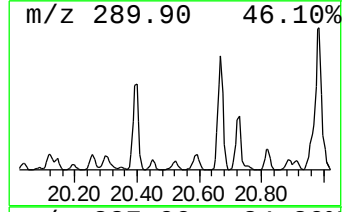
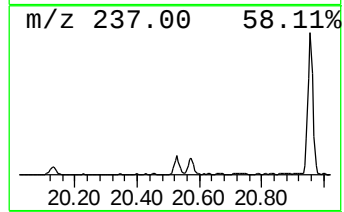
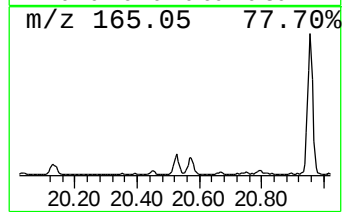
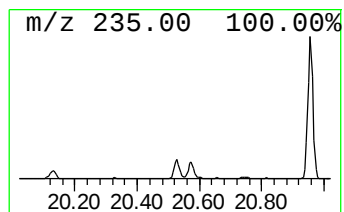
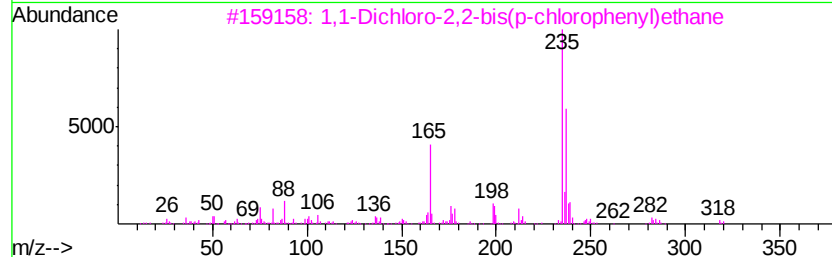
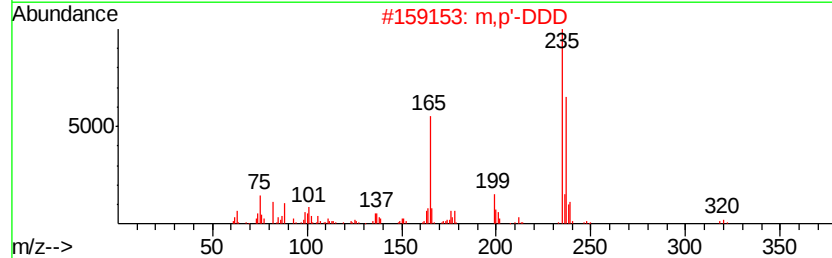
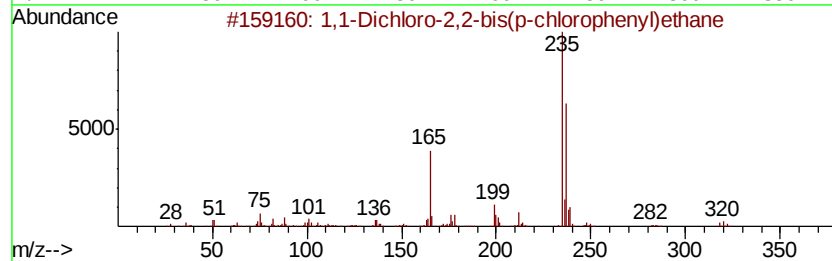
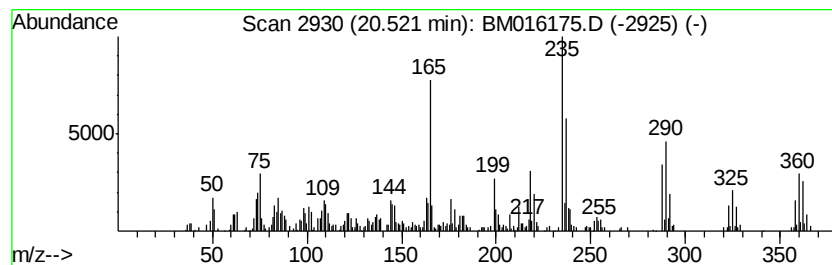
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 1,1-Dichloro-2,2-bis(p-chlo... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	8.21 ng/ul	370883	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	91
2		m,p'-DDD	318	C14H10Cl4	004329-12-8	83
3		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	55
4		Mitotane	318	C14H10Cl4	000053-19-0	49
5		2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC9

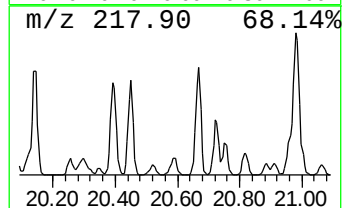
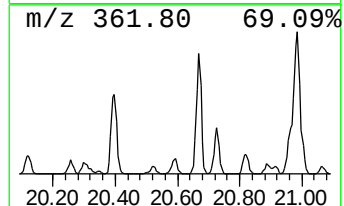
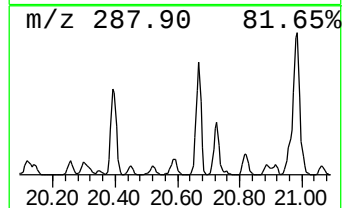
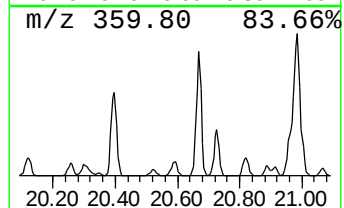
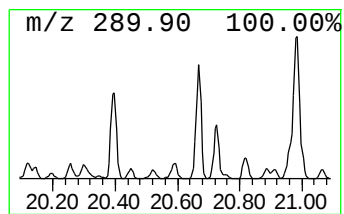
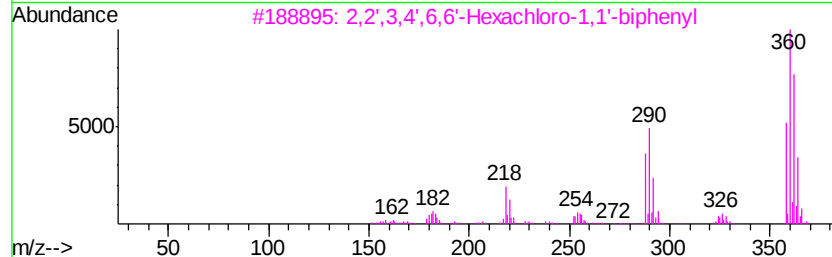
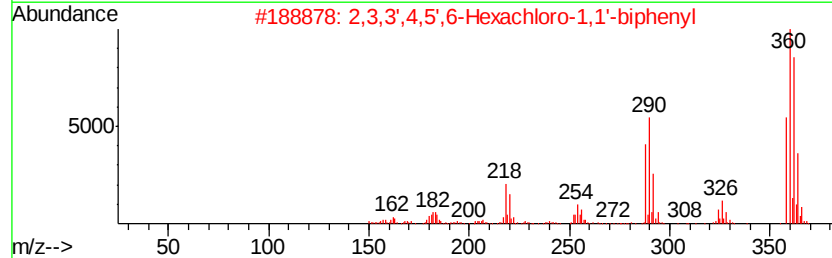
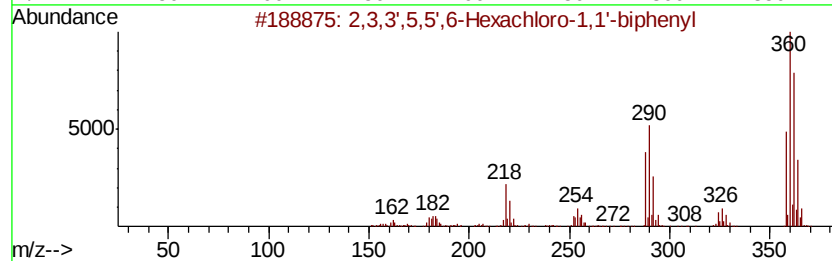
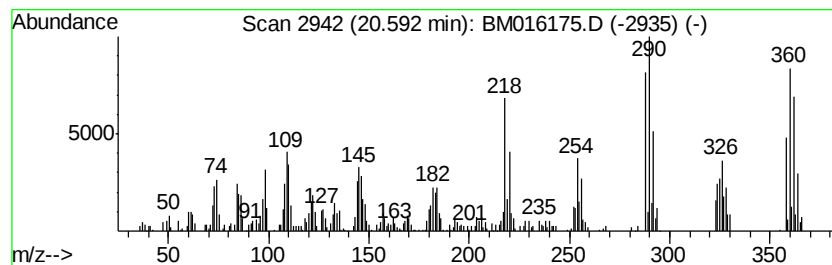
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 2,3,3',5,5',6-Hexachloro-1,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	13.76 ng/ul	621412	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
2		2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
3		2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
4		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5		1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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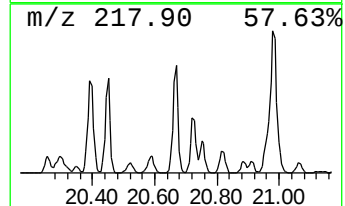
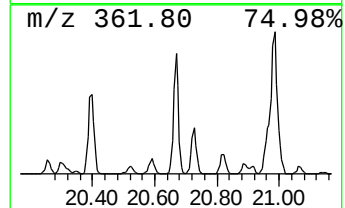
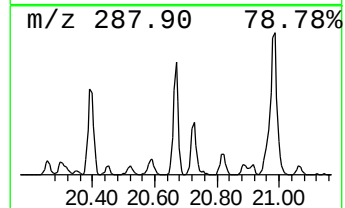
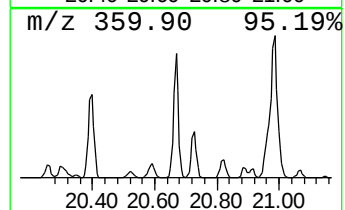
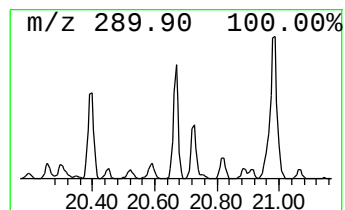
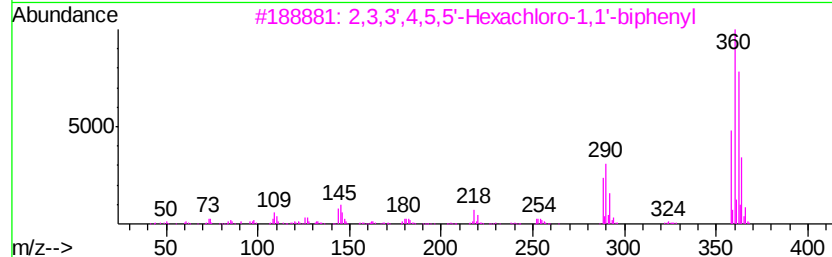
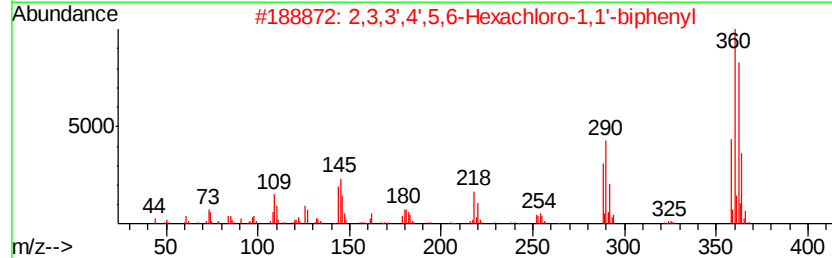
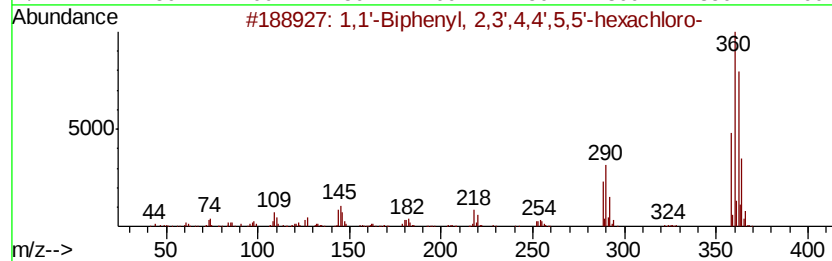
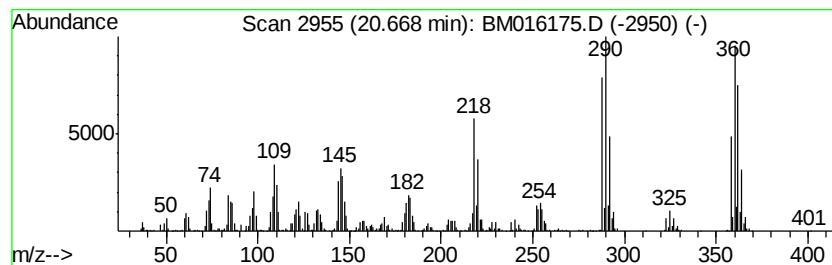
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	41.21 ng/ul	1861340	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2		2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
3		2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
4		2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
5		2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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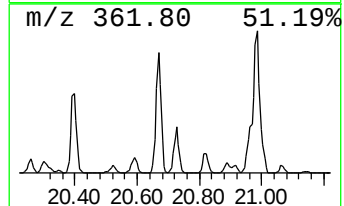
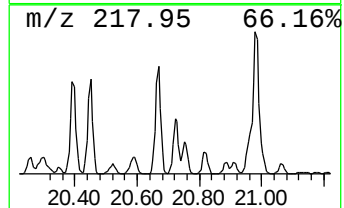
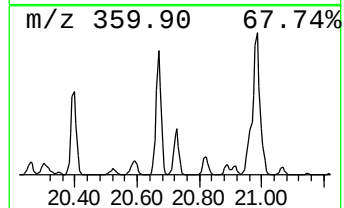
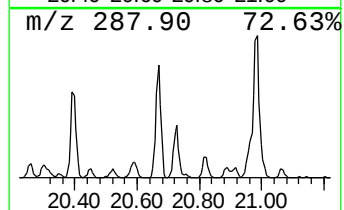
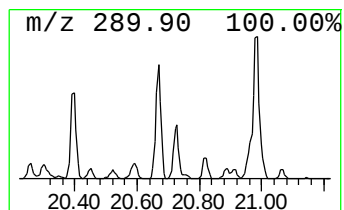
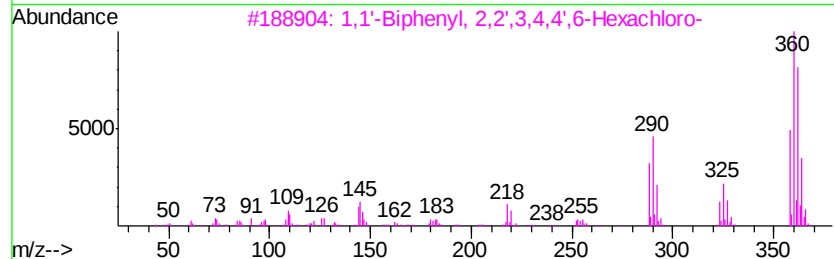
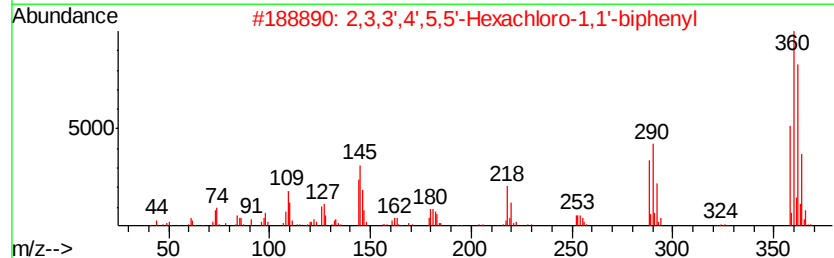
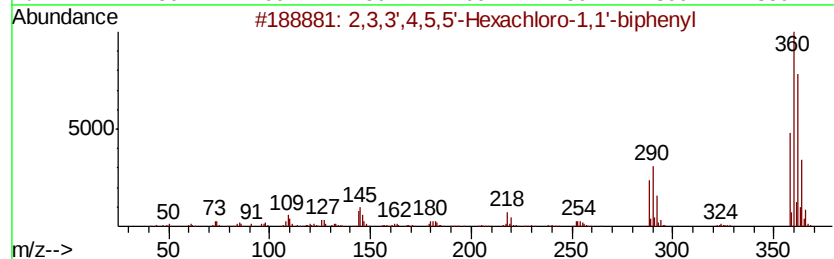
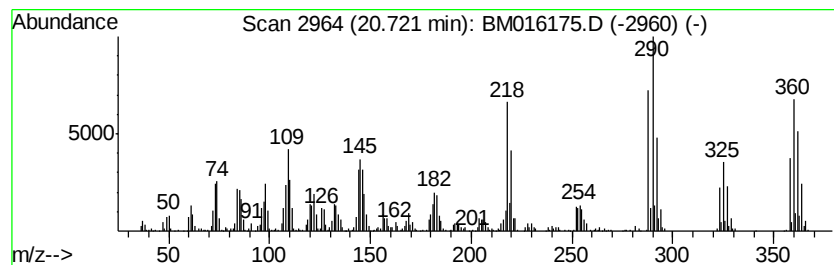
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 2,3,3',4,5,5'-Hexachloro-1,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	23.68 ng/ul	1069280	Chrysene-d12	21.67

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		2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
3		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
4		1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
5		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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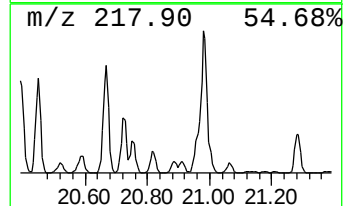
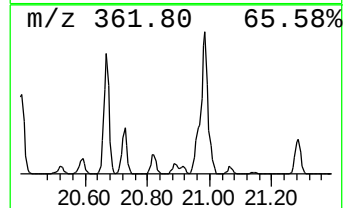
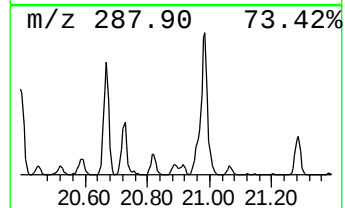
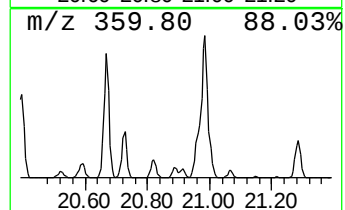
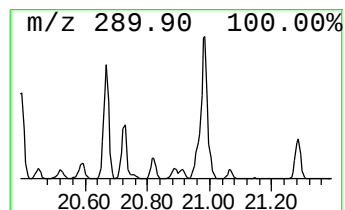
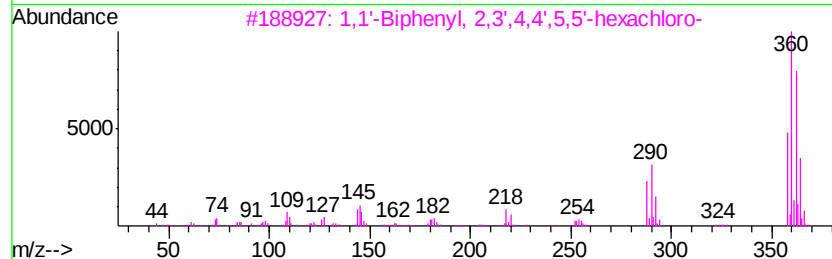
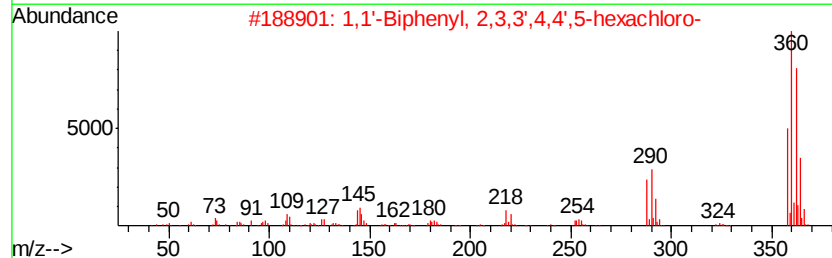
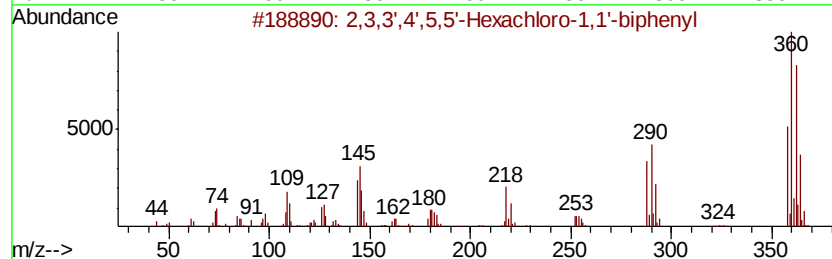
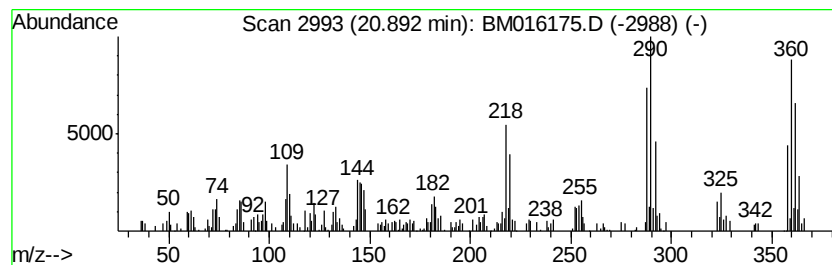
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.74 ng/ul	213998	Chrysene-d12	21.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99		
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99		
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99		
4	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99		
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
Data File : BM016175.D
Acq On : 03 Aug 2018 12:16
Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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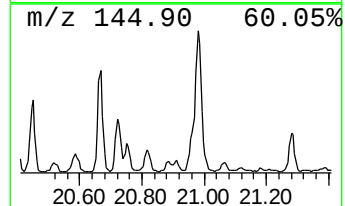
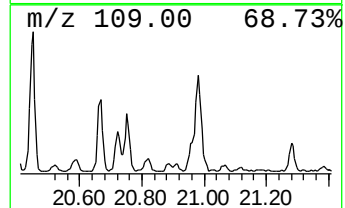
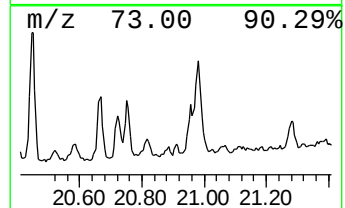
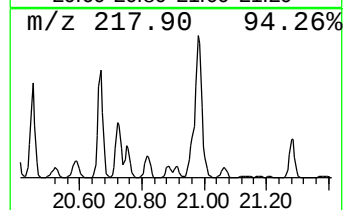
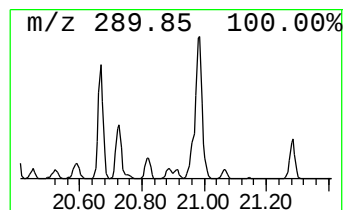
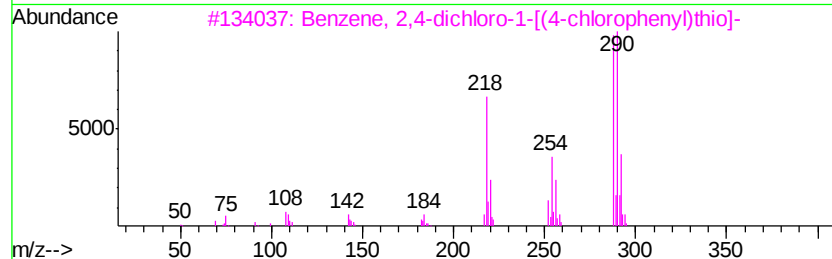
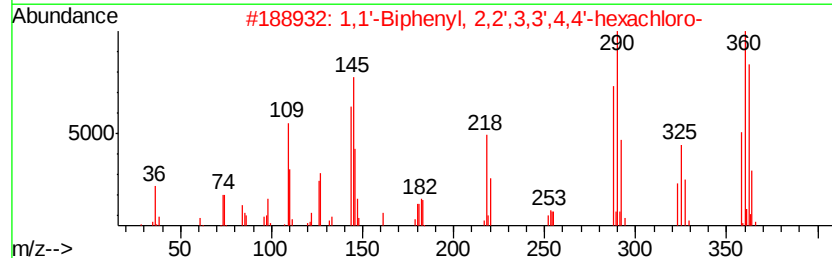
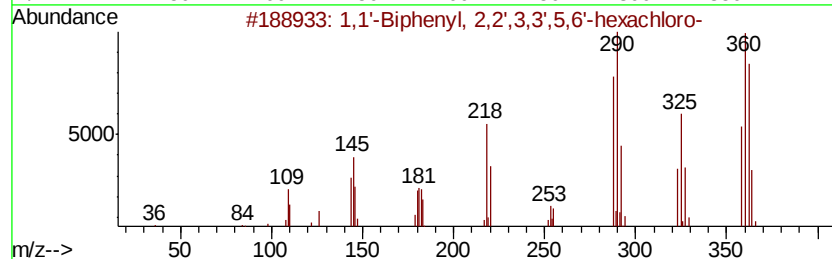
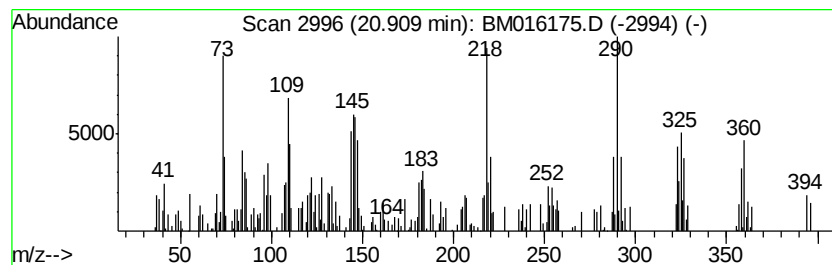
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	3.63 ng/ul	163903	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	68
2		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	64
3		Benzene, 2,4-dichloro-1-[(4-chlo...	288	C12H7Cl3S	055759-88-1	55
4		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	47
5		1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	30



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
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Operator : SJ/JU
Sample : J4178-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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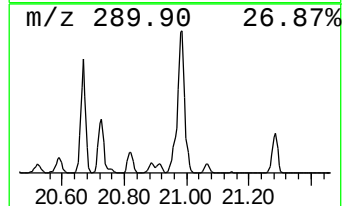
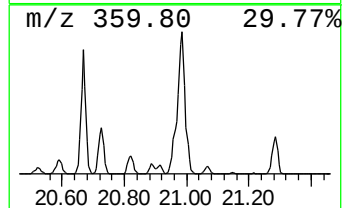
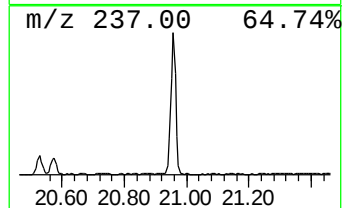
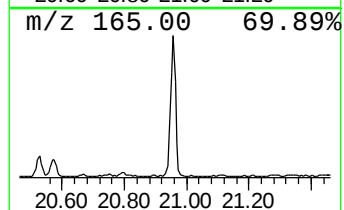
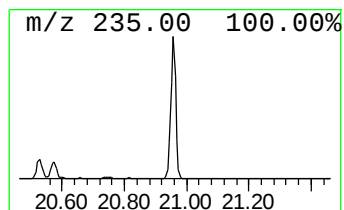
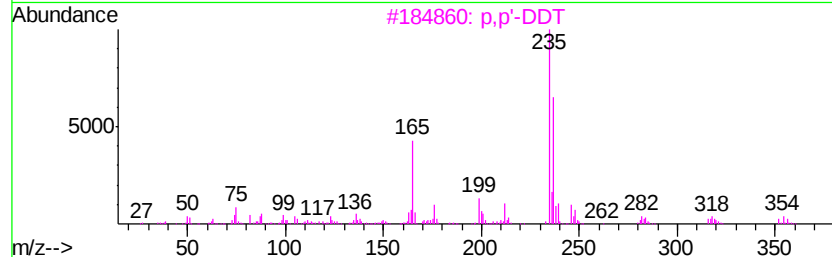
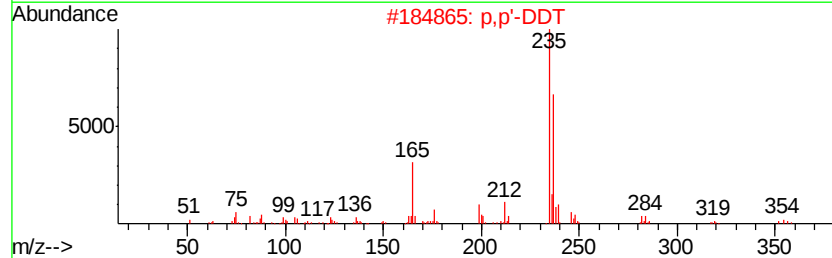
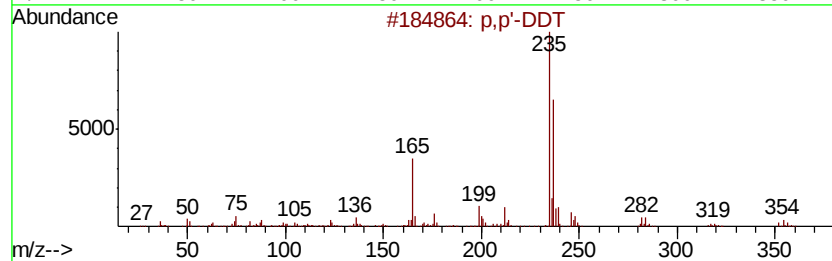
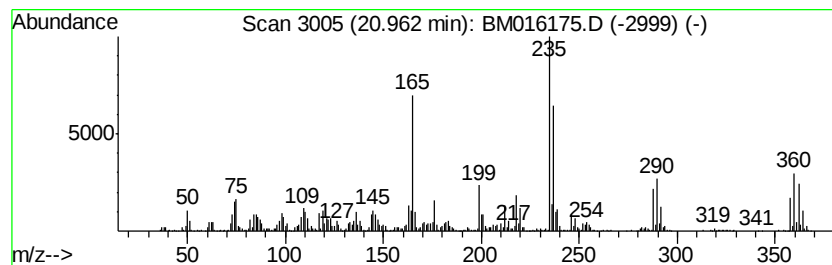
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 p,p'-DDT Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	43.88 ng/ul	1981700	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p,p'-DDT	352	C14H9Cl5	000050-29-3	98
2		p,p'-DDT	352	C14H9Cl5	000050-29-3	95
3		p,p'-DDT	352	C14H9Cl5	000050-29-3	83
4		2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	81
5		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080318\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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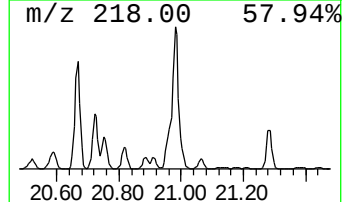
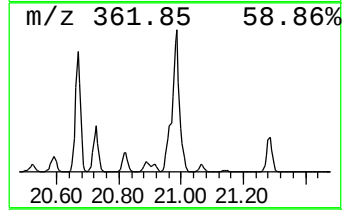
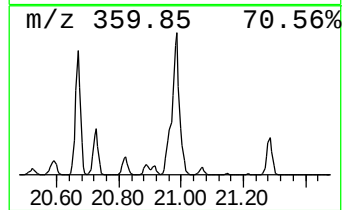
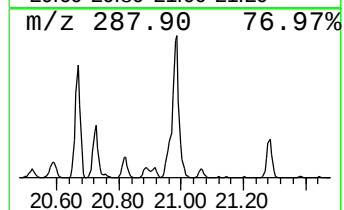
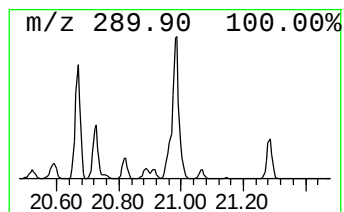
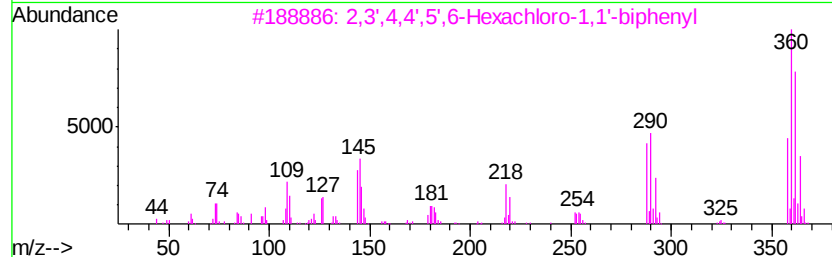
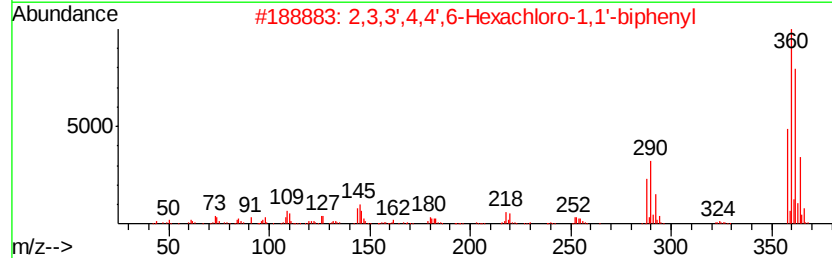
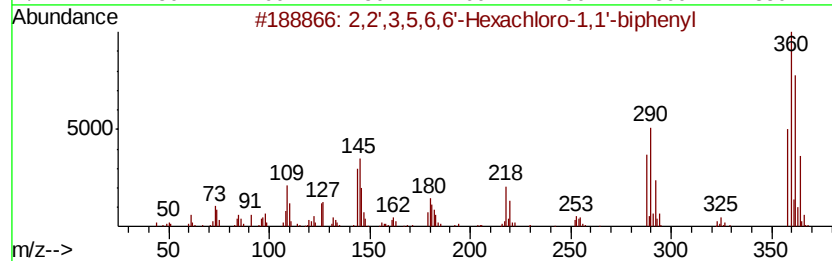
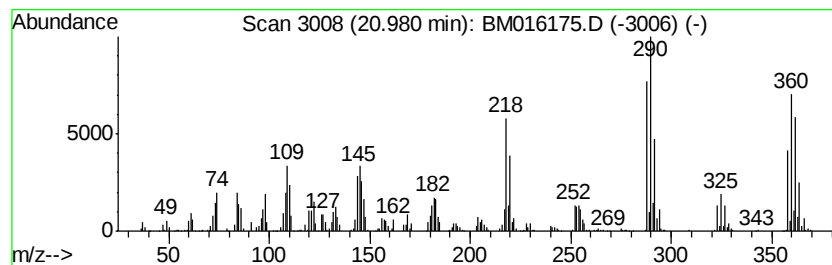
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 2,2',3,5,6,6'-Hexachloro-1,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	58.24 ng/ul	2630580	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
2		2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
3		2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
4		2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
5		2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080318\
 Data File : BM016175.D
 Acq On : 03 Aug 2018 12:16
 Operator : SJ/JU
 Sample : J4178-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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
1,1'-Biphenyl, 3,...	18.13	6.8	ng/ul	206156	4	17.54	606636	20.0
unknown-01	18.24	2.9	ng/ul	88485	4	17.54	606636	20.0
n-Hexadecanoic acid	18.39	6.5	ng/ul	196209	4	17.54	606636	20.0
2,2',4,5-Tetrachl...	18.59	65.3	ng/ul	1982310	4	17.54	606636	20.0
1,1'-Biphenyl, 2,...	18.65	14.7	ng/ul	444241	4	17.54	606636	20.0
2,3,3',6-Tetrachl...	18.69	3.4	ng/ul	102645	4	17.54	606636	20.0
1,1'-Biphenyl, 3,...	18.92	2.7	ng/ul	82927	4	17.54	606636	20.0
1,1'-Biphenyl, 2,...	19.04	9.8	ng/ul	296504	4	17.54	606636	20.0
1,1'-Biphenyl, 2,...	19.34	12.6	ng/ul	382244	4	17.54	606636	20.0
1,1'-Biphenyl, 2,...	19.42	147.8	ng/ul	4484010	4	17.54	606636	20.0
2,2',3,6,6'-Penta...	19.50	14.1	ng/ul	427803	4	17.54	606636	20.0
1,1'-Biphenyl, 2,...	19.62	14.4	ng/ul	651197	5	21.67	903283	20.0
1,1'-Biphenyl, 2,...	19.70	119.6	ng/ul	5403030	5	21.67	903283	20.0
unknown-02	19.76	32.1	ng/ul	1449630	5	21.67	903283	20.0
1,1'-Biphenyl, 2,...	20.03	45.1	ng/ul	2035530	5	21.67	903283	20.0
2,3,3',5,6-Pentac...	20.09	13.0	ng/ul	587417	5	21.67	903283	20.0
2,3,3',4,5-Pentac...	20.14	111.2	ng/ul	5020830	5	21.67	903283	20.0
2,2',3,3',5,6-Hex...	20.26	6.8	ng/ul	307000	5	21.67	903283	20.0
(2,3,4,5-Tetrachl...	20.28	15.1	ng/ul	683681	5	21.67	903283	20.0
2,3,3',5,5'-Penta...	20.35	3.5	ng/ul	158081	5	21.67	903283	20.0
2,2',3,4,5,6-Hexa...	20.39	39.7	ng/ul	1794080	5	21.67	903283	20.0
1,1'-Biphenyl, 2,...	20.45	81.7	ng/ul	3689490	5	21.67	903283	20.0
1,1-Dichloro-2,2-...	20.52	8.2	ng/ul	370883	5	21.67	903283	20.0
2,3,3',5,5',6-Hex...	20.59	13.8	ng/ul	621412	5	21.67	903283	20.0
1,1'-Biphenyl, 2,...	20.67	41.2	ng/ul	1861340	5	21.67	903283	20.0
2,3,3',4,5,5'-Hex...	20.72	23.7	ng/ul	1069280	5	21.67	903283	20.0
2,3,3',4',5,5'-He...	20.89	4.7	ng/ul	213998	5	21.67	903283	20.0
1,1'-Biphenyl, 2,...	20.91	3.6	ng/ul	163903	5	21.67	903283	20.0
p,p'-DDT	20.96	43.9	ng/ul	1981700	5	21.67	903283	20.0
2,2',3,5,6,6'-Hex...	20.98	58.2	ng/ul	2630580	5	21.67	903283	20.0