

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052721\
 Data File : BM030227.D
 Acq On : 28 May 2021 08:30
 Operator : CG/JU
 Sample : M2511-14
 Misc : GC/MS CONFIRMATION
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CM3

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Title : SVOA CALIBRATION

Signal : TIC: BM030227.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.175	11	15	18	rBV	66089	68043	1.45%	0.278%
2	3.205	18	20	21	rVV	25891	22341	0.48%	0.091%
3	3.228	21	24	26	rVV	41665	43659	0.93%	0.178%
4	3.263	26	30	35	rVB	4677576	4696195	100.00%	19.166%
5	3.575	79	83	84	rBV2	13158	15046	0.32%	0.061%
6	3.605	84	88	94	rVB	120654	144355	3.07%	0.589%
7	3.693	100	103	108	rVB5	7793	8558	0.18%	0.035%
8	3.987	150	153	158	rVB5	3500	6057	0.13%	0.025%
9	4.075	163	168	173	rBV	17422	25105	0.53%	0.102%
10	4.516	238	243	249	rVB	12324	23214	0.49%	0.095%
11	7.869	806	813	822	rBV	994724	1569284	33.42%	6.404%
12	10.451	1245	1252	1256	rBV8	3828	9585	0.20%	0.039%
13	10.657	1276	1287	1296	rBV	1211236	2075686	44.20%	8.471%
14	10.798	1306	1311	1314	rBV7	3642	6033	0.13%	0.025%
15	11.139	1364	1369	1374	rVB6	4542	8381	0.18%	0.034%
16	11.886	1491	1496	1503	rVB10	2621	5554	0.12%	0.023%
17	12.992	1680	1684	1688	rBV6	4163	6496	0.14%	0.027%
18	13.227	1719	1724	1726	rBV6	4514	5982	0.13%	0.024%
19	13.263	1726	1730	1732	rVV5	4002	6209	0.13%	0.025%
20	13.298	1732	1736	1741	rVB6	3300	4978	0.11%	0.020%
21	13.533	1769	1776	1778	rVB6	3292	4811	0.10%	0.020%
22	13.974	1846	1851	1855	rBV3	4375	7704	0.16%	0.031%
23	14.104	1869	1873	1877	rBV5	4062	6384	0.14%	0.026%
24	14.492	1931	1939	1947	rBV	1753480	2650193	56.43%	10.816%
25	14.810	1989	1993	1998	rVB5	5590	8362	0.18%	0.034%
26	15.174	2054	2055	2062	rBV6	2557	4743	0.10%	0.019%
27	16.798	2327	2331	2337	rVB7	7787	12955	0.28%	0.053%
28	17.010	2364	2367	2372	rVB4	7321	8990	0.19%	0.037%
29	17.221	2397	2403	2413	rBV	2038682	2867543	61.06%	11.703%
30	17.321	2416	2420	2425	rBV4	7477	10741	0.23%	0.044%
31	17.415	2434	2436	2439	rVB4	5775	4820	0.10%	0.020%
32	17.821	2499	2505	2511	rBV7	13002	26297	0.56%	0.107%
33	17.939	2522	2525	2527	rBV4	5910	5980	0.13%	0.024%
34	18.074	2544	2548	2551	rBV6	8250	11710	0.25%	0.048%
35	18.292	2579	2585	2589	rBV	183298	252298	5.37%	1.030%
36	18.351	2591	2595	2599	rVV	40590	56650	1.21%	0.231%

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Instrument :
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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF Filtering: 5
 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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

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37	18.392	2599	2602	2605	rVB5	9119	10978	0.23%	0.045%
38	18.574	2628	2633	2638	rBV	82138	108430	2.31%	0.443%
39	18.751	2659	2663	2668	rVB4	27416	36932	0.79%	0.151%
40	18.809	2671	2673	2677	rVV5	6227	6451	0.14%	0.026%
41	18.986	2701	2703	2706	rBV3	8615	9354	0.20%	0.038%
42	19.056	2710	2715	2718	rVV2	42746	53858	1.15%	0.220%
43	19.104	2719	2723	2725	rVV	96581	134779	2.87%	0.550%
44	19.133	2725	2728	2735	rVV2	290915	392711	8.36%	1.603%
45	19.215	2739	2742	2747	rVB5	44886	60200	1.28%	0.246%
46	19.339	2759	2763	2767	rBV5	61418	96803	2.06%	0.395%
47	19.415	2771	2776	2782	rVV	443218	599980	12.78%	2.449%
48	19.480	2782	2787	2792	rVB	151942	203155	4.33%	0.829%
49	19.604	2805	2808	2811	rBV5	19625	25614	0.55%	0.105%
50	19.674	2816	2820	2825	rVV3	117030	144421	3.08%	0.589%
51	19.751	2829	2833	2838	rVV	193040	240421	5.12%	0.981%
52	19.803	2838	2842	2845	rVV2	68391	85842	1.83%	0.350%
53	19.856	2845	2851	2856	rVB	426481	565975	12.05%	2.310%
54	19.986	2869	2873	2874	rBV3	36563	50218	1.07%	0.205%
55	20.121	2891	2896	2900	rBV3	183908	250012	5.32%	1.020%
56	20.168	2900	2904	2909	rVB	373657	434604	9.25%	1.774%
57	20.392	2938	2942	2948	rBV2	213918	274264	5.84%	1.119%
58	20.451	2948	2952	2953	rVV2	109978	127168	2.71%	0.519%
59	20.474	2953	2956	2960	rVB	152553	191548	4.08%	0.782%
60	20.551	2966	2969	2974	rVB7	45059	56250	1.20%	0.230%
61	20.709	2989	2996	3004	rBV2	263783	453434	9.66%	1.851%
62	21.015	3044	3048	3052	rBV5	85062	117181	2.50%	0.478%
63	21.380	3105	3110	3119	rBV	1976107	2625740	55.91%	10.716%
64	23.668	3493	3499	3508	rVB2	1337827	2456039	52.30%	10.023%

Sum of corrected areas: 24503304

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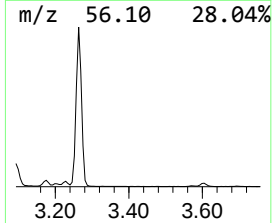
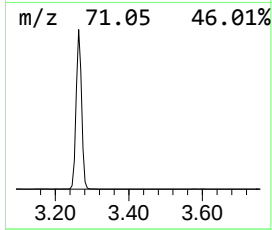
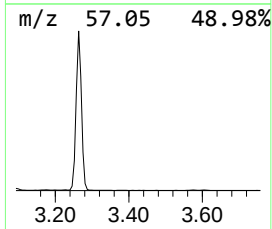
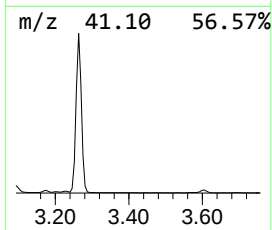
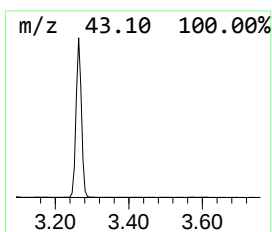
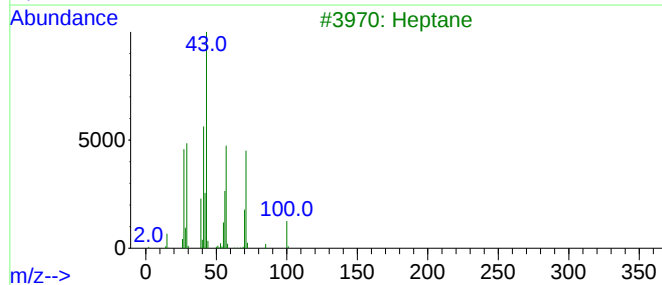
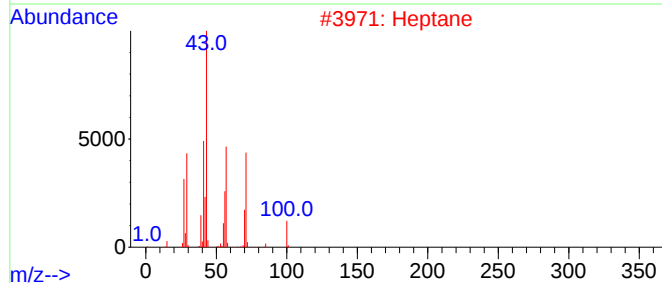
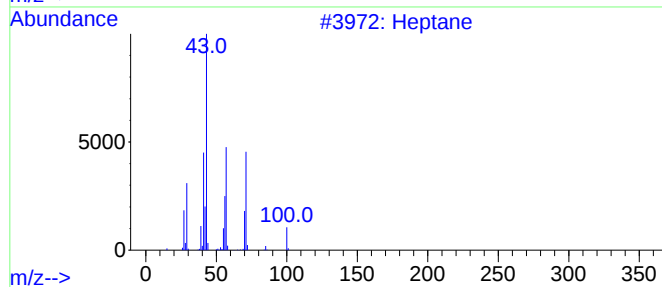
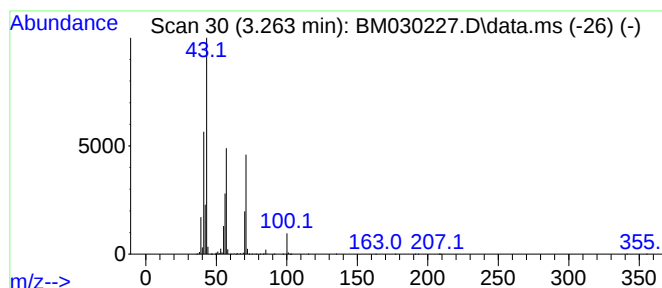
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.260	59.85 ng/ul	4696200	1,4-Dichlorobenzene-d4	7.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	95
2	Heptane			100	C7H16	000142-82-5	94
3	Heptane			100	C7H16	000142-82-5	91
4	Heptane			100	C7H16	000142-82-5	72
5	Hexane, 3-methyl-			100	C7H16	000589-34-4	42



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Misc : GC/MS CONFIRMATION
ALS Vial : 37 Sample Multiplier: 1

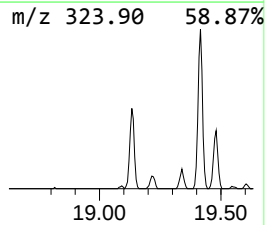
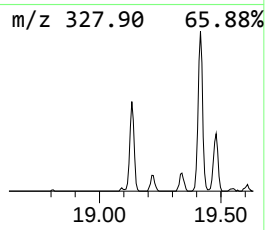
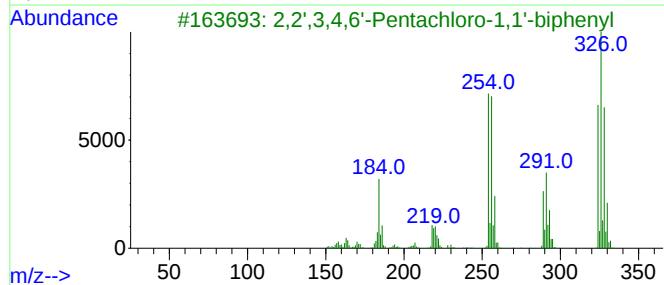
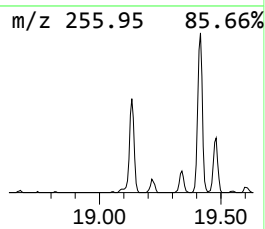
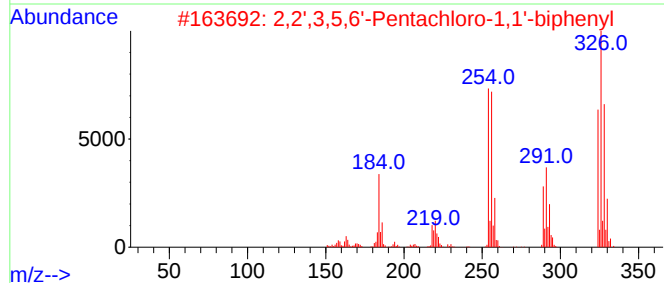
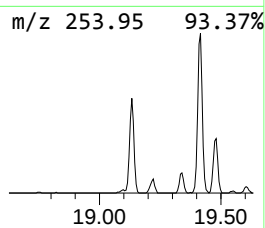
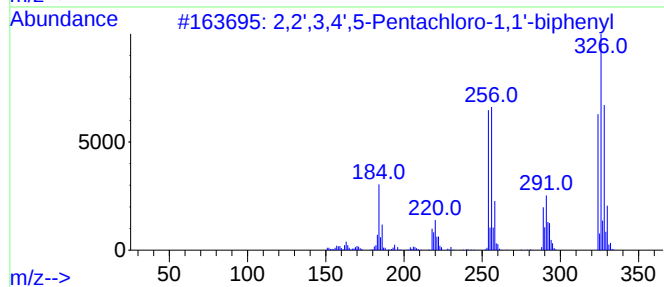
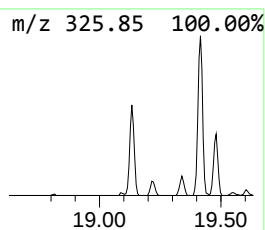
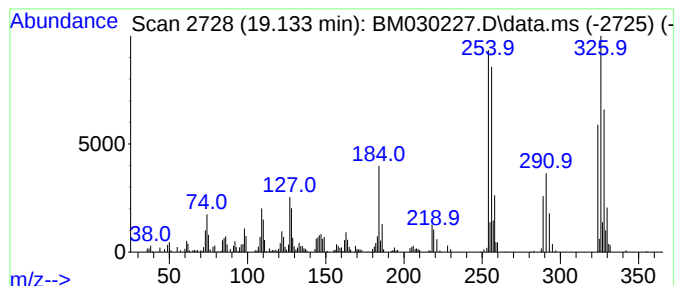
Instrument :
BNA_M
ClientSampled :
C0CM3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.130	2.74 ng/ul	392711	Phenanthrene-d10	17.221	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
2	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
3	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
4	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
5	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	99



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ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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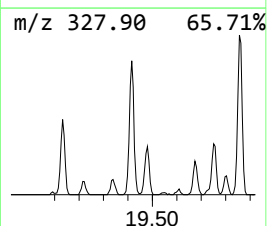
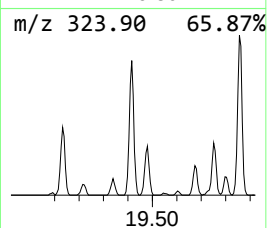
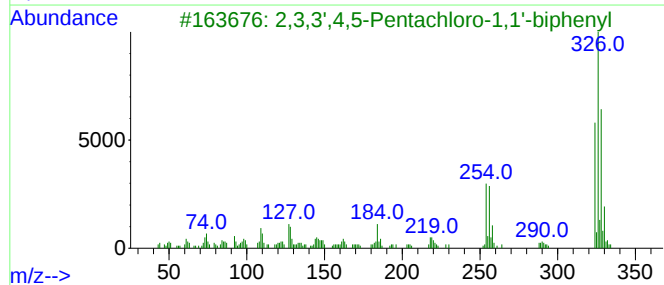
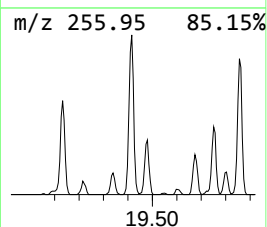
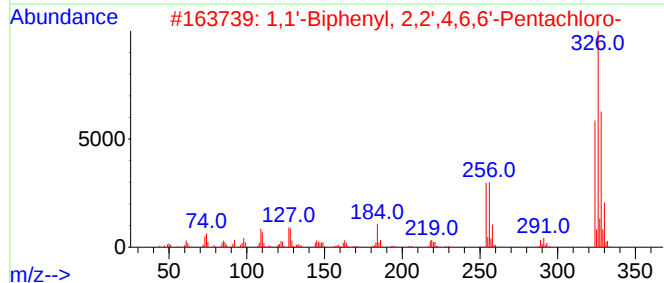
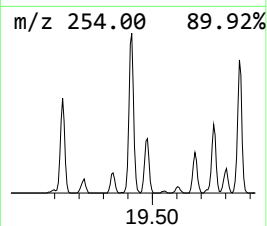
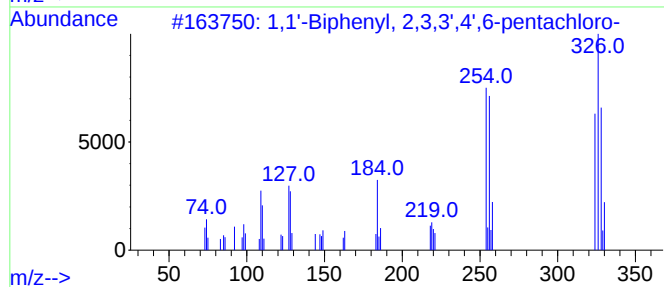
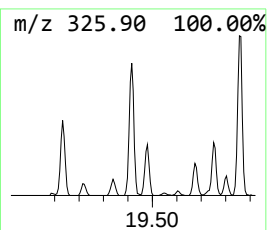
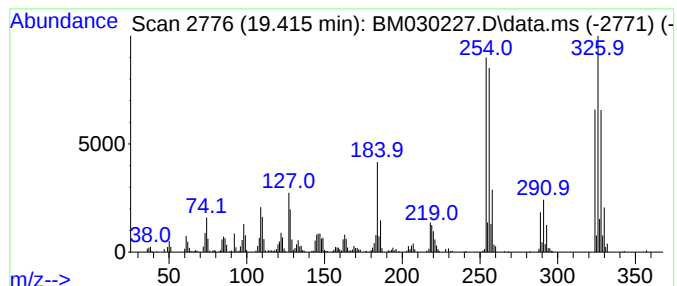
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.420	4.57 ng/ul	599980	Chrysene-d12	21.380

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, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99		
3	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99		
4	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99		
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99		



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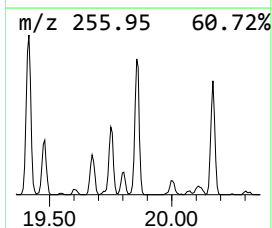
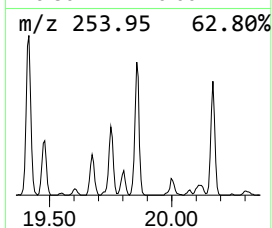
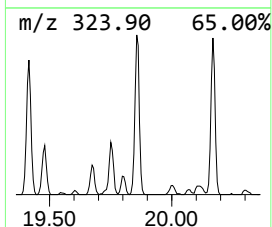
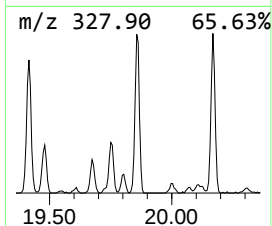
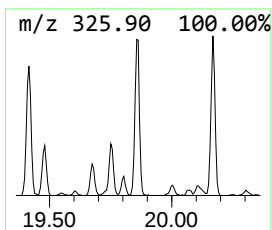
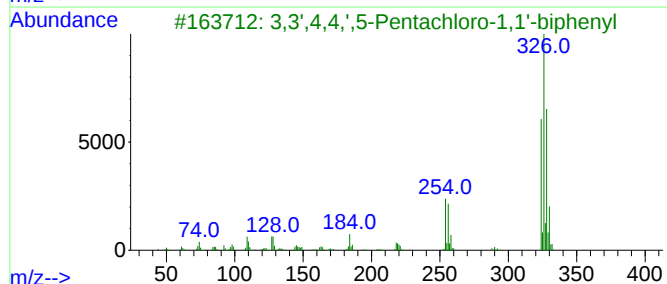
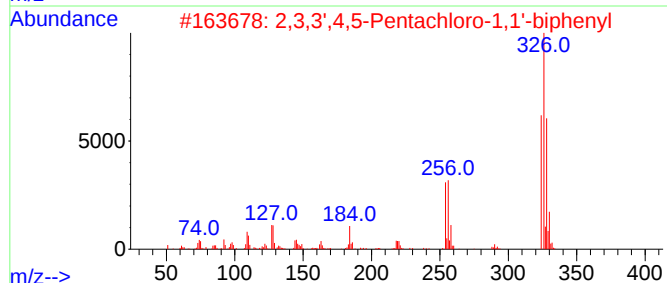
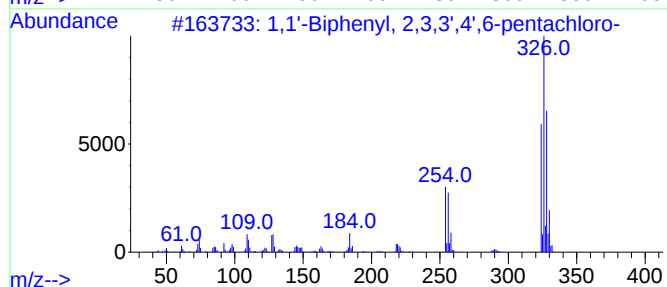
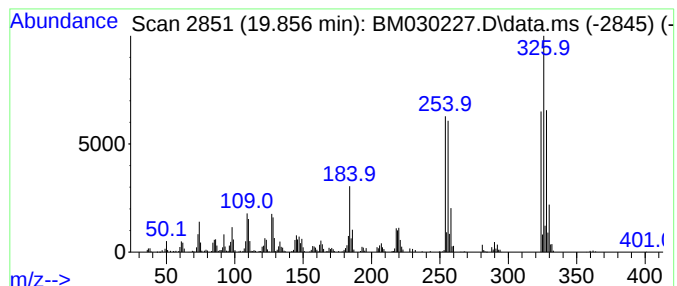
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.860	4.31 ng/ul	565975	Chrysene-d12	21.380

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	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99		
3	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99		
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99		
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99		



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C0CM3

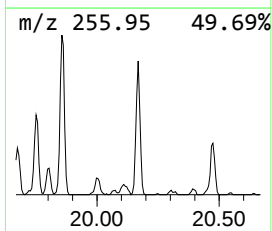
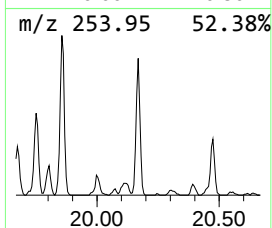
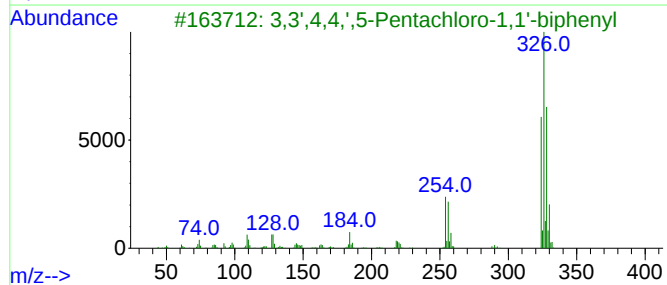
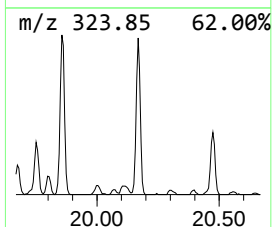
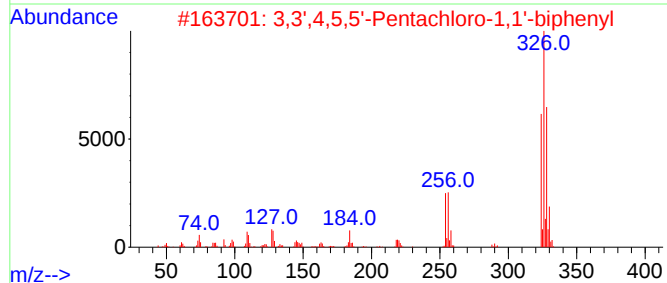
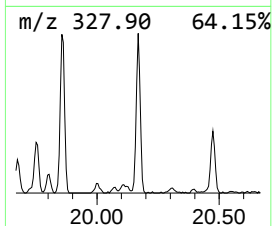
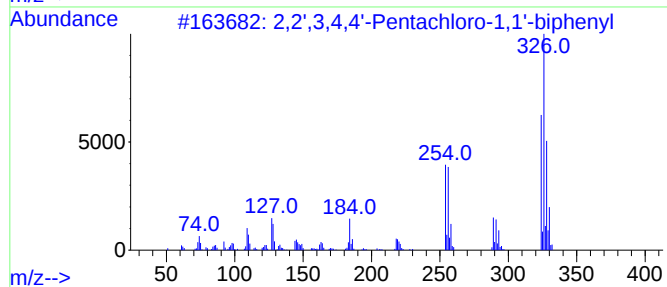
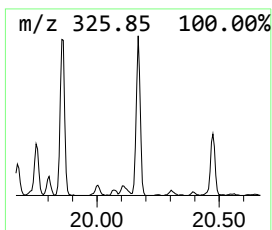
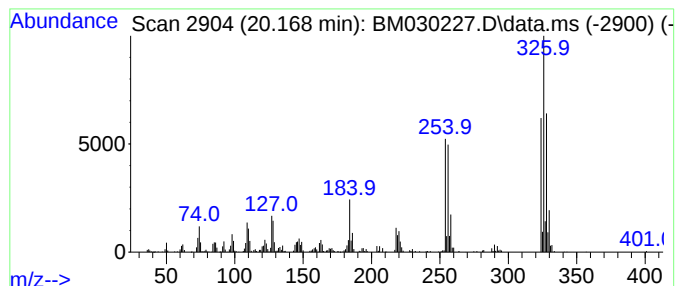
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.170	3.31 ng/ul	434604	Chrysene-d12	21.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99		
2	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99		
3	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99		
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	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\BM052721\
Data File : BM030227.D
Acq On : 28 May 2021 08:30
Operator : CG/JU
Sample : M2511-14
Misc : GC/MS CONFIRMATION
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CM3

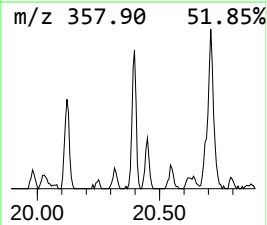
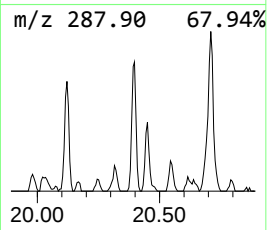
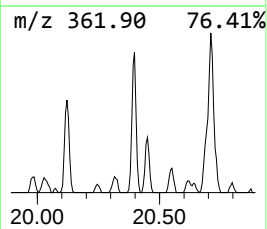
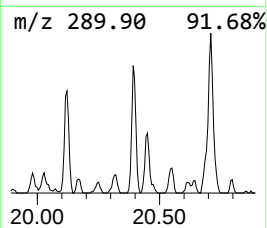
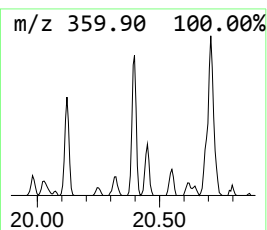
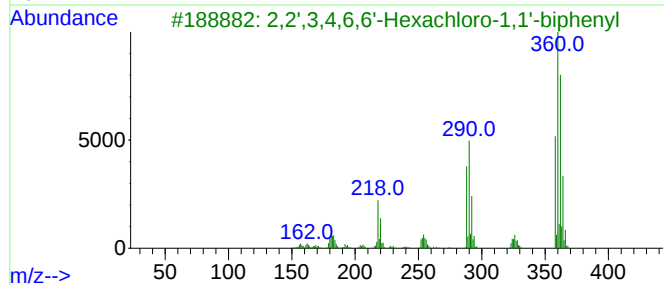
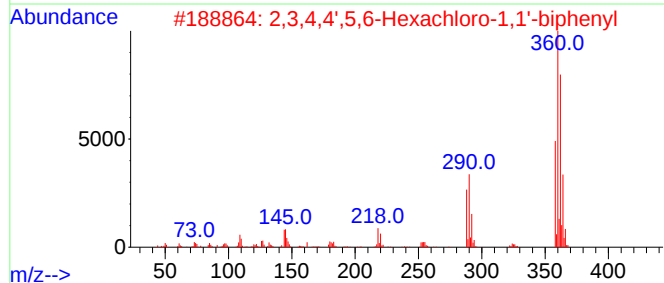
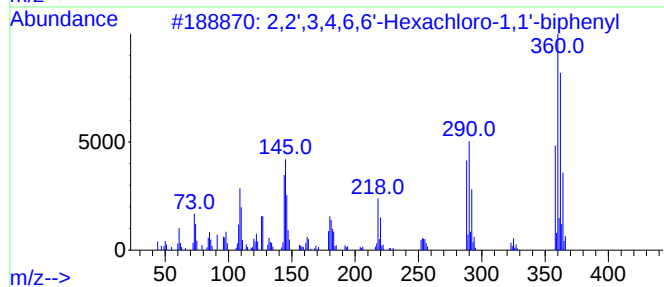
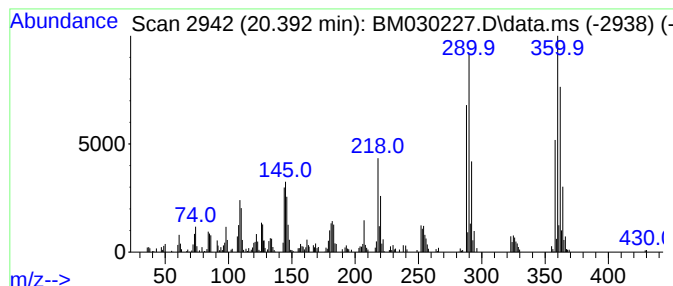
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.390	2.09 ng/ul	274264	Chrysene-d12	21.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99		
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99		
3	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99		
4	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99		
5	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052721\
Data File : BM030227.D
Acq On : 28 May 2021 08:30
Operator : CG/JU
Sample : M2511-14
Misc : GC/MS CONFIRMATION
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CM3

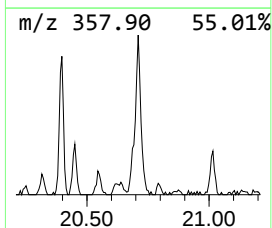
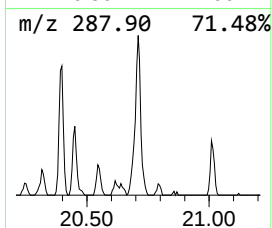
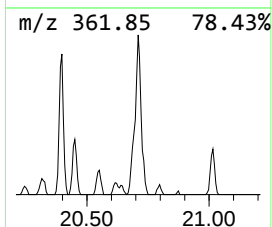
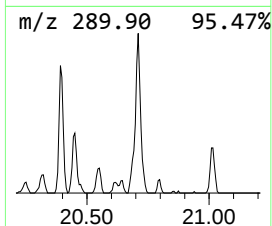
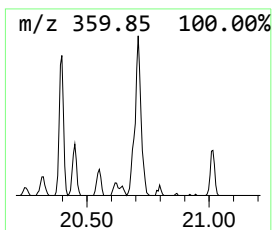
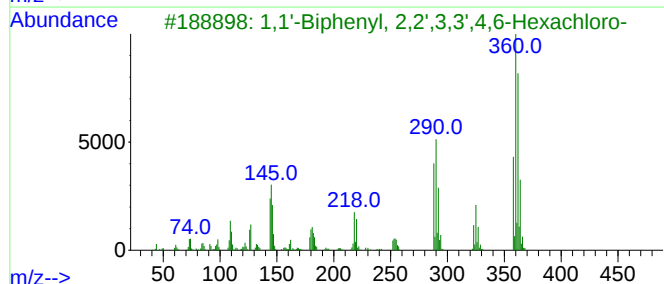
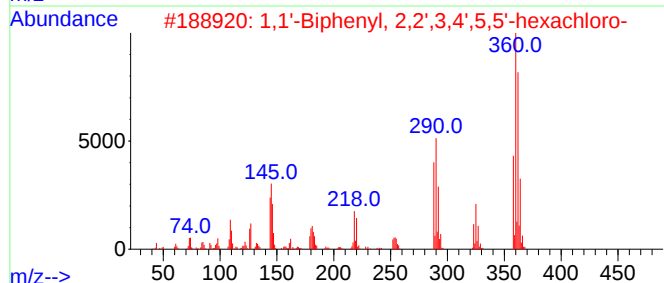
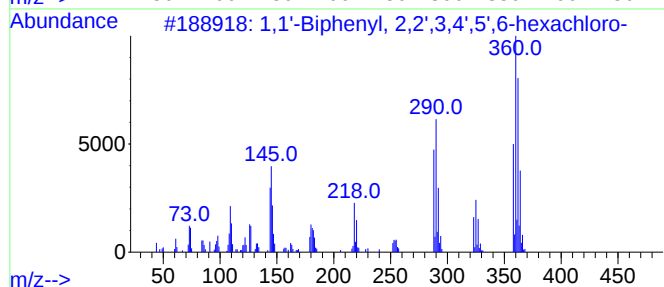
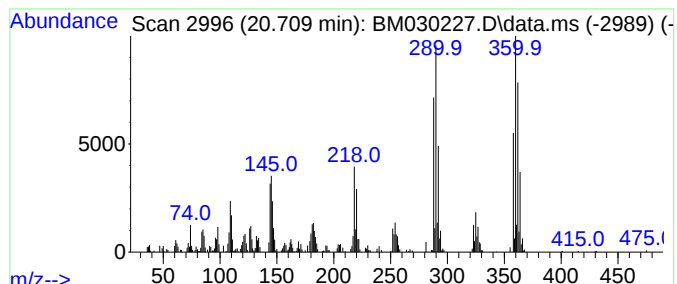
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.710	3.45 ng/ul	453434	Chrysene-d12	21.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	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',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99		
5	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052721\
Data File : BM030227.D
Acq On : 28 May 2021 08:30
Operator : CG/JU
Sample : M2511-14
Misc : GC/MS CONFIRMATION
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CM3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.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: S...	3.260	59.9	ng/ul	4696200	1	7.869	1569280	20.0
2,2',3,4',5-Pen...	19.130	2.7	ng/ul	392711	4	17.221	2867540	20.0
1,1'-Biphenyl, ...	19.420	4.6	ng/ul	599980	5	21.380	2625740	20.0
2,3,3',4,5-Pent...	19.860	4.3	ng/ul	565975	5	21.380	2625740	20.0
2,2',3,4,4'-Pen...	20.170	3.3	ng/ul	434604	5	21.380	2625740	20.0
2,2',3,4,6,6'-H...	20.390	2.1	ng/ul	274264	5	21.380	2625740	20.0
1,1'-Biphenyl, ...	20.710	3.5	ng/ul	453434	5	21.380	2625740	20.0