

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
 Data File : BN014915.D
 Acq On : 15 Jun 2021 01:14
 Operator : CG/JU
 Sample : M2693-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 M2693-0230

Integration Parameters: LSCINT.P

Integrator: RTE

Smoother: OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN014915.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	4	8	13	rVB	1076812	1074952	33.07%	2.697%
2	3.422	55	57	59	rBV2	11522	10924	0.34%	0.027%
3	3.458	60	63	69	rVB3	40708	60608	1.86%	0.152%
4	3.917	140	141	146	rVB4	12776	16089	0.50%	0.040%
5	4.358	214	216	219	rBV	7704	7241	0.22%	0.018%
6	5.452	399	402	404	rBV2	5680	5721	0.18%	0.014%
7	5.999	492	495	498	rVB	4414	5219	0.16%	0.013%
8	6.064	502	506	510	rBV3	5190	10006	0.31%	0.025%
9	6.875	641	644	650	rBV2	3348	5590	0.17%	0.014%
10	7.193	696	698	703	rVB2	4633	5802	0.18%	0.015%
11	7.293	712	715	717	rBV	5268	6612	0.20%	0.017%
12	7.687	775	782	795	rBV	478953	804405	24.75%	2.018%
13	8.158	859	862	866	rBV2	3653	4880	0.15%	0.012%
14	10.152	1200	1201	1206	rBV3	3447	5282	0.16%	0.013%
15	10.334	1227	1232	1239	rVB3	7670	13344	0.41%	0.033%
16	10.469	1249	1255	1269	rBV	529475	950472	29.24%	2.384%
17	13.251	1725	1728	1732	rVB3	3640	5534	0.17%	0.014%
18	14.340	1907	1913	1925	rBV	870483	1295291	39.85%	3.250%
19	14.763	1982	1985	1987	rVB2	7851	9643	0.30%	0.024%
20	14.792	1987	1990	1992	rVB2	4557	5457	0.17%	0.014%
21	15.051	2032	2034	2035	rBV2	6966	5043	0.16%	0.013%
22	15.210	2059	2061	2063	rBV3	6877	4902	0.15%	0.012%
23	15.239	2063	2066	2069	rBV5	6498	11128	0.34%	0.028%
24	15.304	2075	2077	2079	rBV3	8500	4954	0.15%	0.012%
25	15.351	2083	2085	2089	rVB4	6269	6115	0.19%	0.015%
26	15.434	2097	2099	2101	rBV2	6892	6784	0.21%	0.017%
27	15.539	2115	2117	2119	rVB3	8854	6531	0.20%	0.016%
28	15.863	2170	2172	2176	rBV4	10039	11661	0.36%	0.029%
29	15.910	2178	2180	2183	rBV4	9608	11118	0.34%	0.028%
30	16.445	2269	2271	2273	rBV3	13964	12410	0.38%	0.031%
31	16.586	2292	2295	2300	rVB6	52986	65103	2.00%	0.163%
32	17.092	2376	2381	2389	rBV	1060193	1655165	50.92%	4.152%
33	17.704	2482	2485	2491	rVB3	103025	156449	4.81%	0.392%
34	17.951	2524	2527	2530	rBV5	50663	61674	1.90%	0.155%
35	18.175	2561	2565	2569	rVB3	151906	193594	5.96%	0.486%
36	18.275	2580	2582	2585	rVB4	42855	35456	1.09%	0.089%

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37	18.457	2610	2613	2619	rBV7	80769	108110	3.33%	0.271%
38	19.028	2703	2710	2717	rVB2	687219	1032880	31.78%	2.591%
39	19.233	2742	2745	2750	rBV5	100199	150202	4.62%	0.377%
40	19.310	2754	2758	2765	rBV	929732	1188022	36.55%	2.980%
41	19.569	2800	2802	2806	rBV5	46680	55499	1.71%	0.139%
42	19.651	2812	2816	2820	rBV2	153435	197369	6.07%	0.495%
43	19.739	2827	2831	2832	rBV2	398148	460414	14.17%	1.155%
44	19.880	2851	2855	2859	rBV	759396	934378	28.75%	2.344%
45	19.927	2859	2863	2870	rVV5	336071	597574	18.39%	1.499%
46	20.022	2874	2879	2884	rVV	2082639	2598111	79.94%	6.518%
47	20.075	2884	2888	2893	rVB	203226	270939	8.34%	0.680%
48	20.151	2898	2901	2906	rVB5	132766	150058	4.62%	0.376%
49	20.222	2910	2913	2919	rVB3	309595	406220	12.50%	1.019%
50	20.304	2922	2927	2932	rBV	2451533	3165974	97.41%	7.943%
51	20.357	2932	2936	2944	rVB2	711608	969689	29.83%	2.433%
52	20.457	2948	2953	2961	rBV3	829288	1401168	43.11%	3.515%
53	20.557	2966	2970	2973	rVV4	225683	288554	8.88%	0.724%
54	20.622	2973	2981	2987	rVV	1676038	3250218	100.00%	8.154%
55	20.674	2987	2990	2993	rVV3	197587	250845	7.72%	0.629%
56	20.704	2993	2995	2998	rVV3	77048	79695	2.45%	0.200%
57	20.769	3002	3006	3012	rVV2	1287007	1498489	46.10%	3.759%
58	20.833	3012	3017	3022	rVB2	666404	816985	25.14%	2.050%
59	20.927	3029	3033	3037	rBV3	209905	255248	7.85%	0.640%
60	20.969	3037	3040	3044	rVB6	160305	180869	5.56%	0.454%
61	21.039	3047	3052	3057	rBV	1090636	1355132	41.69%	3.400%
62	21.092	3057	3061	3066	rBV3	671448	841267	25.88%	2.111%
63	21.151	3067	3071	3073	rBV3	307270	393105	12.09%	0.986%
64	21.251	3084	3088	3090	rBV4	167470	172288	5.30%	0.432%
65	21.292	3090	3095	3098	rVV2	1454161	2072245	63.76%	5.199%
66	21.327	3098	3101	3106	rVB	2294316	2805487	86.32%	7.038%
67	21.463	3122	3124	3128	rVB5	64810	64351	1.98%	0.161%
68	21.639	3149	3154	3159	rBV2	1042453	1498680	46.11%	3.760%
69	21.698	3160	3164	3169	rVB3	392173	483720	14.88%	1.214%
70	21.763	3171	3175	3181	rBV	455273	616160	18.96%	1.546%
71	22.110	3230	3234	3238	rBV5	182178	272507	8.38%	0.684%
72	22.333	3268	3272	3279	rVB5	349203	513422	15.80%	1.288%
73	23.545	3472	3478	3486	rVB	992702	1913567	58.88%	4.801%

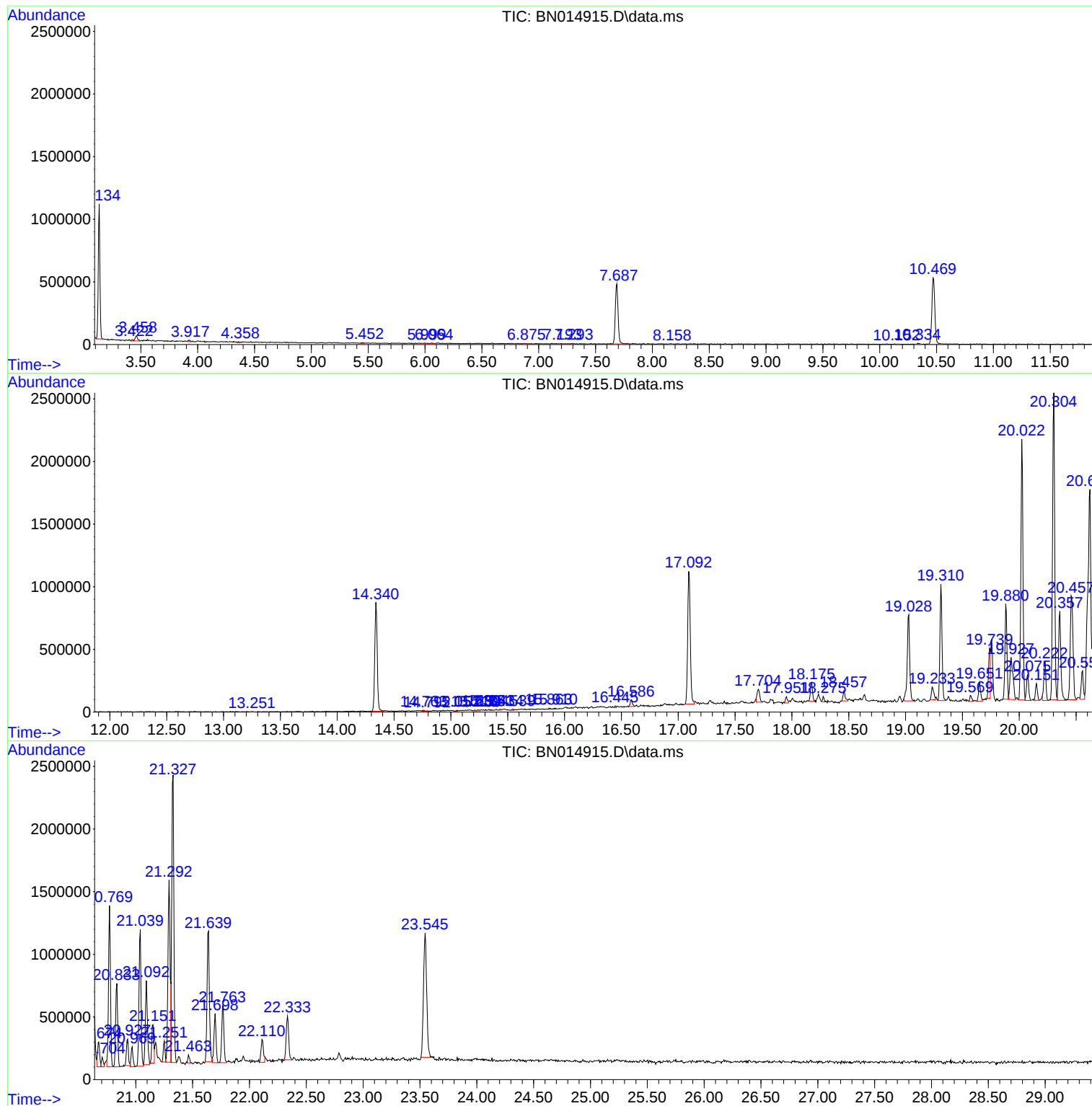
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION

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



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Sample : M2693-04
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
M2693-0230

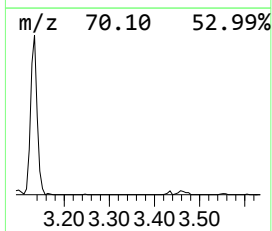
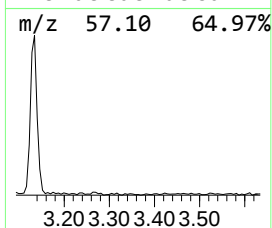
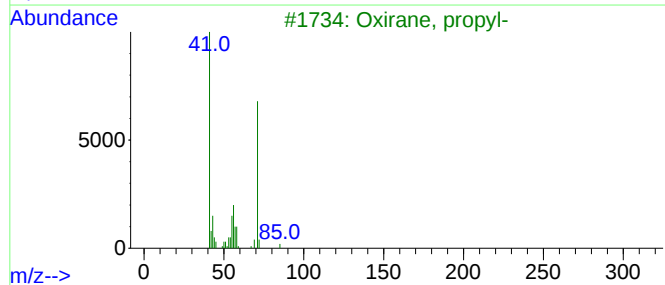
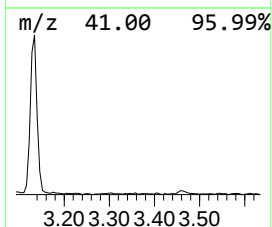
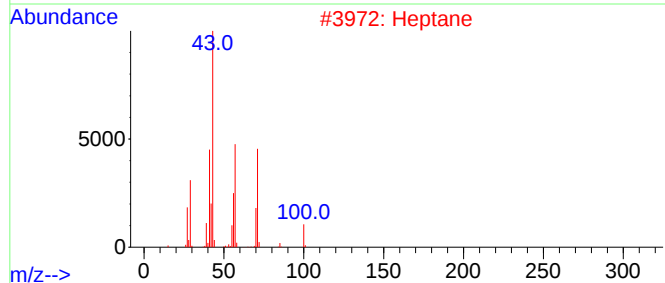
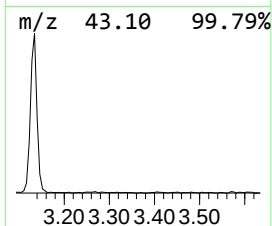
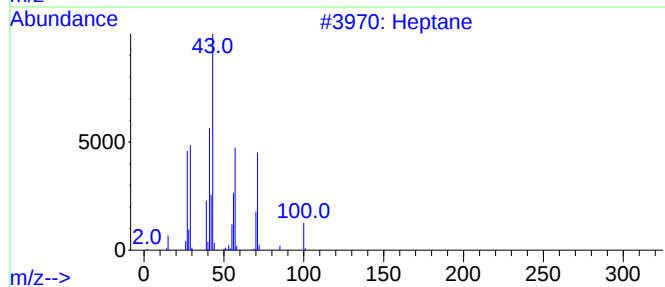
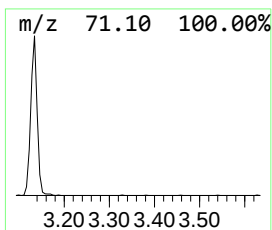
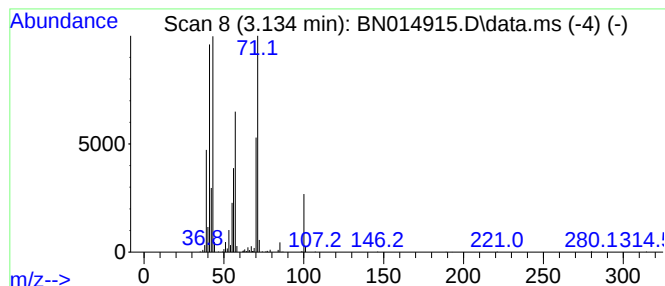
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.134	26.73 ng/ul	1074950	1,4-Dichlorobenzene-d4	7.681

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	59
2			Heptane	100	C7H16	000142-82-5	53
3			Oxirane, propyl-	86	C5H10O	001003-14-1	50
4			Heptane	100	C7H16	000142-82-5	47
5			Carbonic acid, dipentyl ester	202	C11H22O3	002050-94-4	43



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
M2693-0230

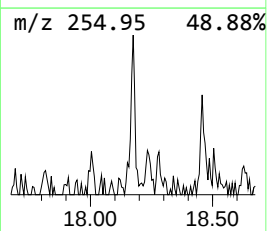
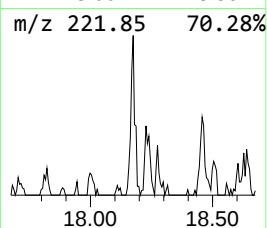
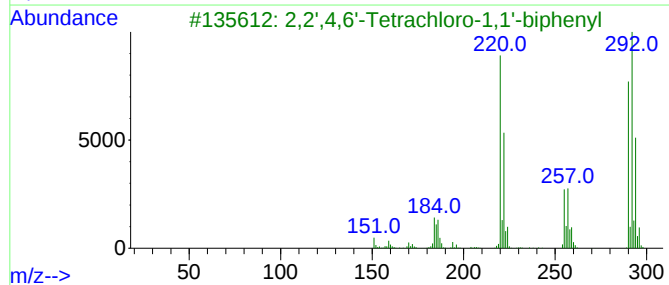
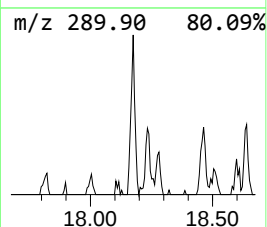
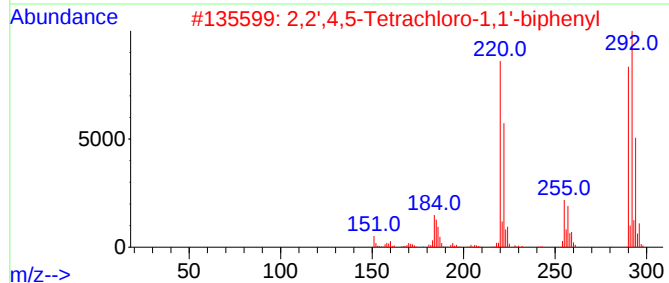
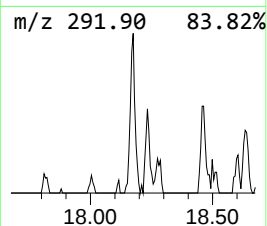
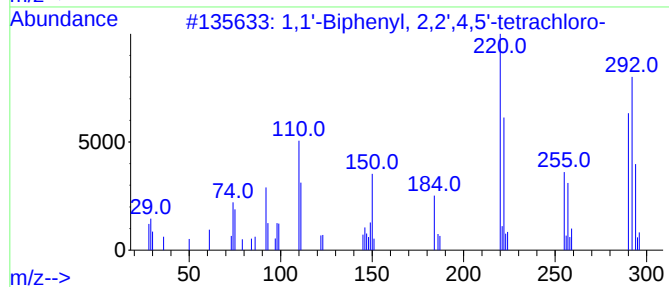
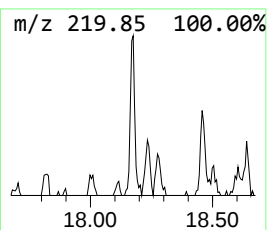
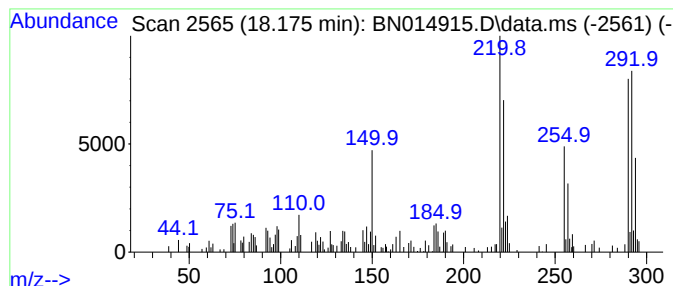
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	2.34 ng/ul	193594	Phenanthrene-d10	17.092

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	96		
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	94		
3	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	94		
4	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	94		
5	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	94		



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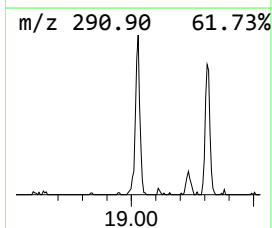
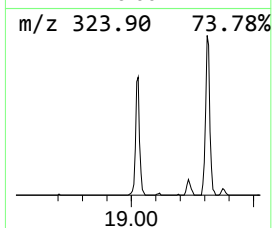
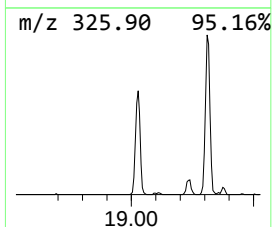
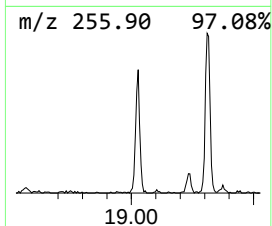
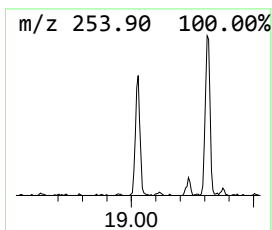
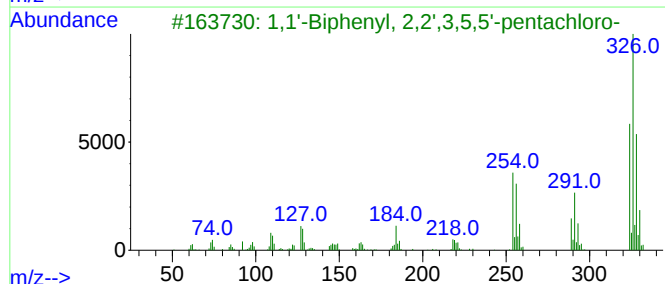
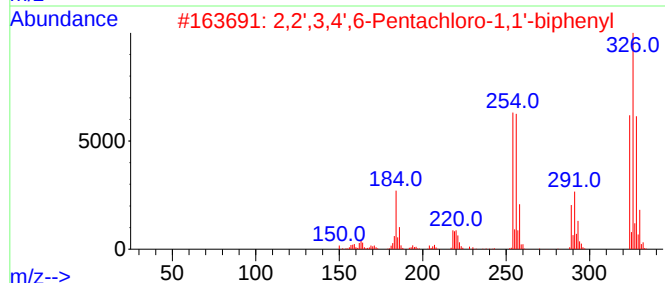
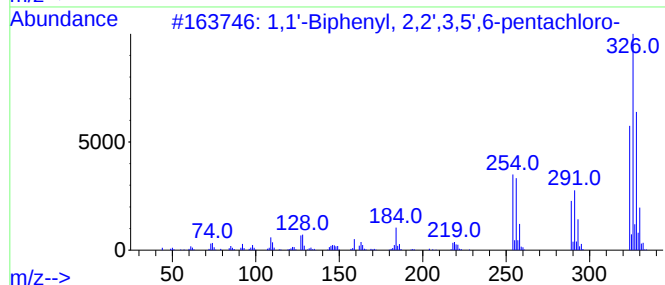
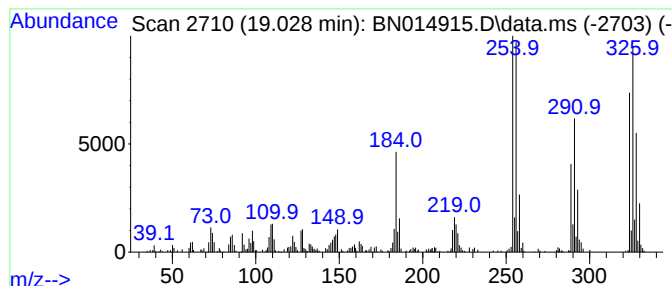
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.028	12.48 ng/ul	1032880	Phenanthrene-d10	17.092

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99		
2	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99		
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99		
4	1,1'-Biphenyl, 2,3,4,4',5-Pentac...	324	C12H5Cl5	074472-37-0	98		
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	97		



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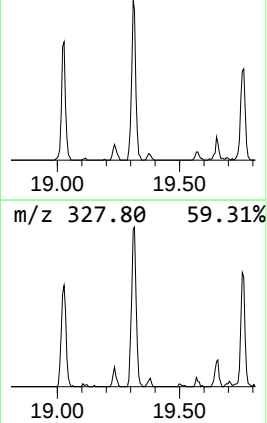
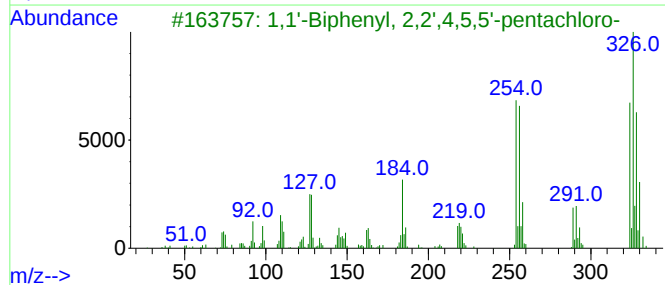
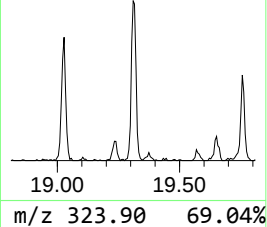
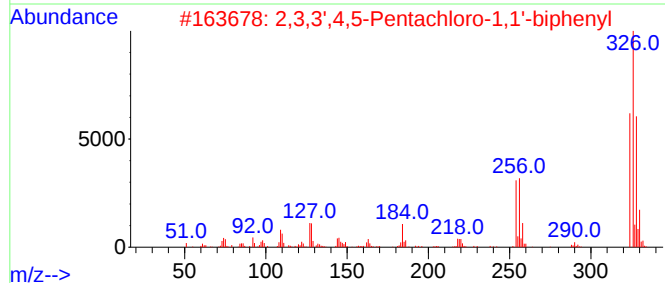
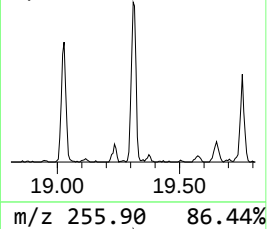
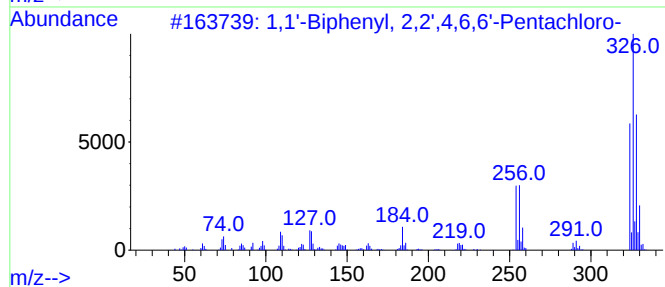
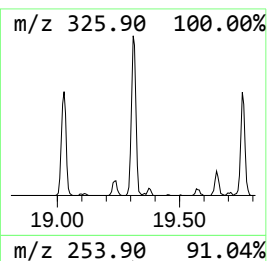
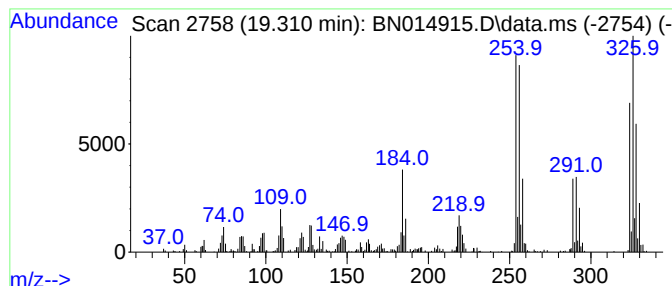
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Biphenyl, 2,2',4,6,6'-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.310	11.47 ng/ul	1188020	Chrysene-d12	21.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
2	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	98
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014915.D
Acq On : 15 Jun 2021 01:14
Operator : CG/JU
Sample : M2693-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
M2693-0230

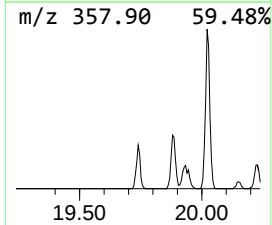
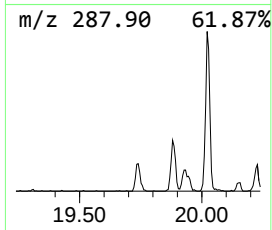
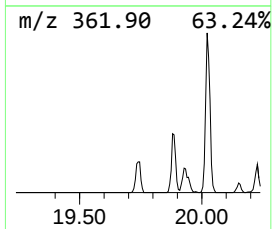
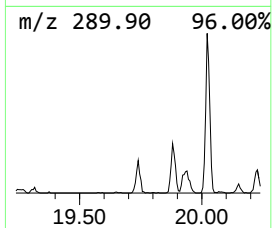
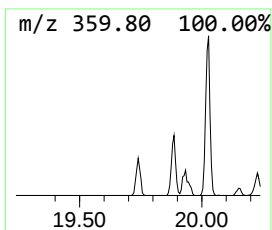
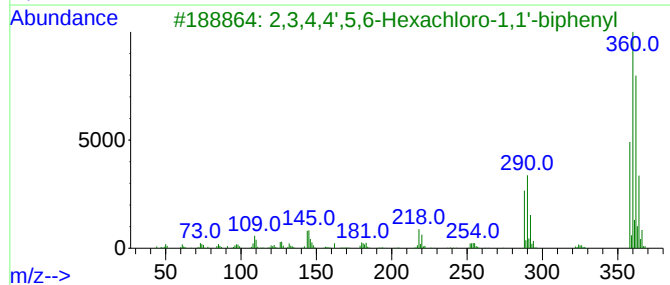
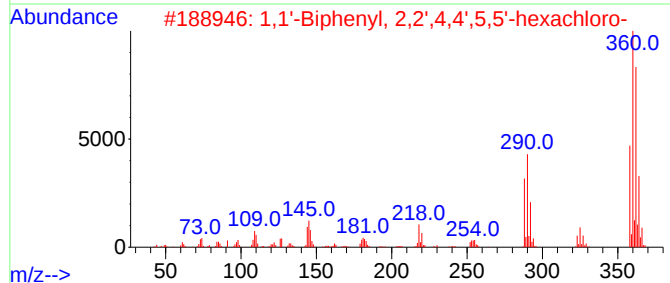
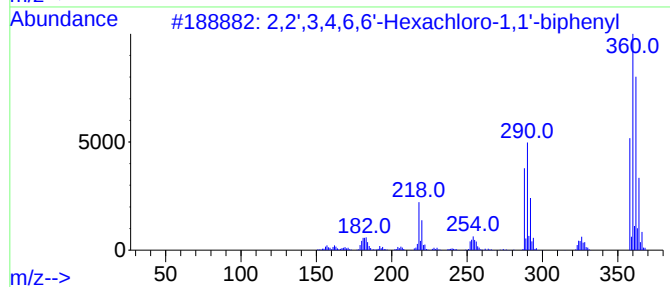
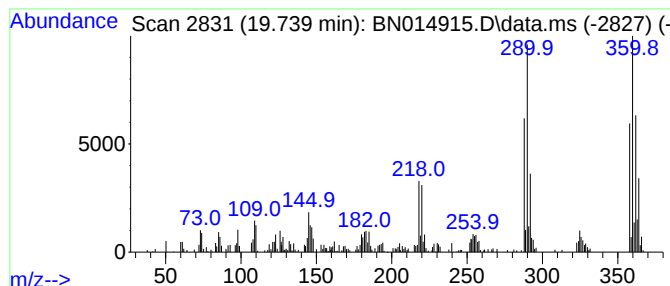
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2,2',3,4,6,6'-Hexachloro-1,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.739	4.44 ng/ul	460414	Chrysene-d12	21.292

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	98		
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	97		
3	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	97		
4	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	96		
5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014915.D
Acq On : 15 Jun 2021 01:14
Operator : CG/JU
Sample : M2693-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

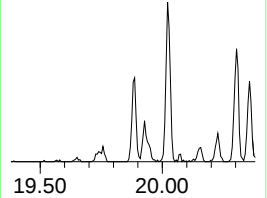
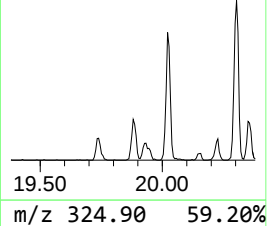
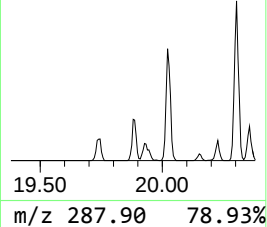
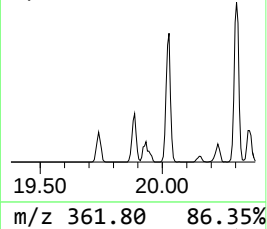
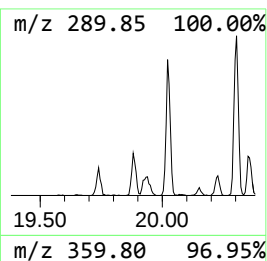
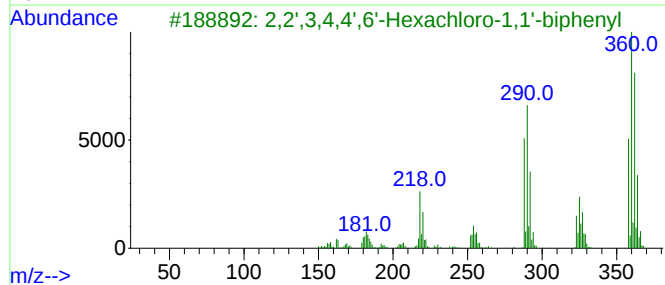
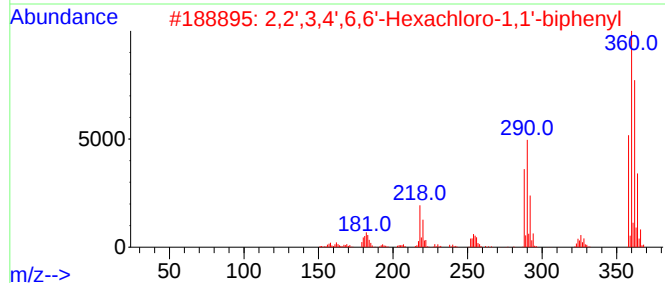
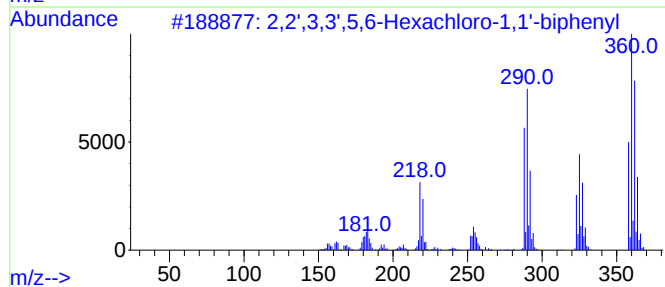
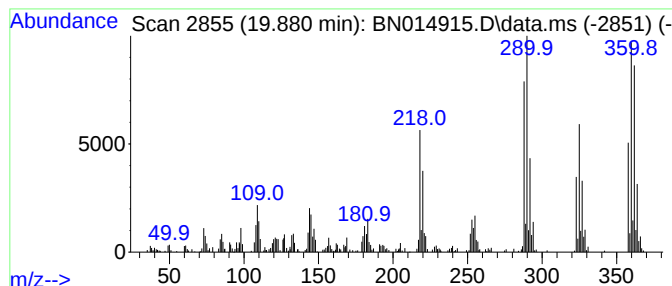
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BNA_N
ClientSampleId :
M2693-0230

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Quant Title : SVOA CALIBRATION

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

Peak Number 6 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.880	9.02 ng/ul	934378	Chrysene-d12	21.292		
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',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99	
3	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99	
4	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99	
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014915.D
Acq On : 15 Jun 2021 01:14
Operator : CG/JU
Sample : M2693-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

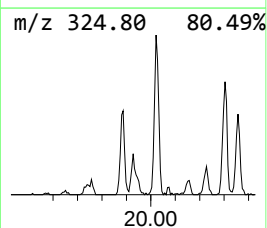
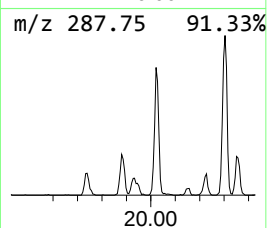
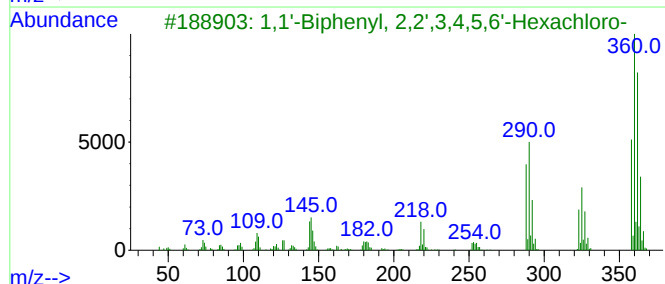
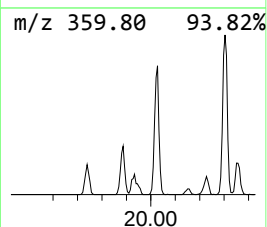
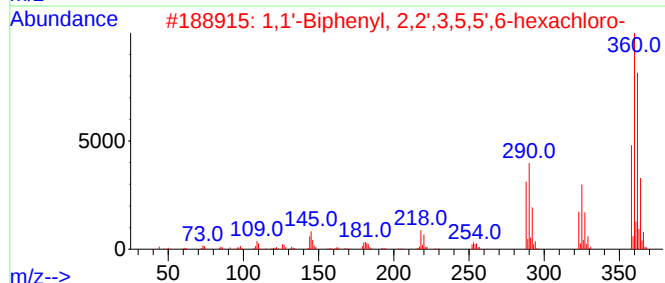
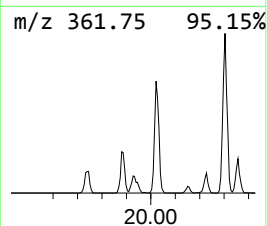
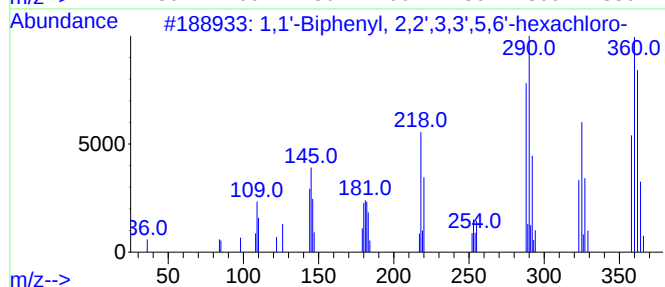
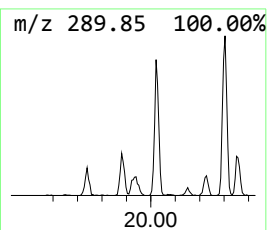
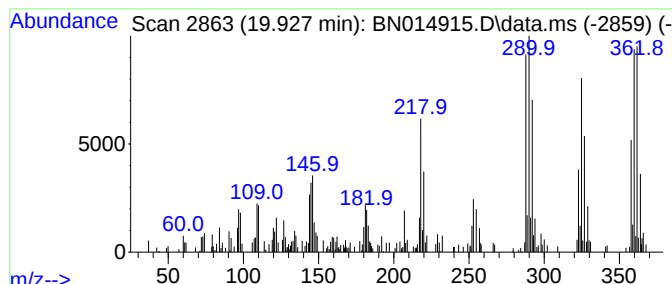
Instrument :
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ClientSampleId :
M2693-0230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.927	5.77 ng/ul	597574	Chrysene-d12	21.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	95
2	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	95
3	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	94
4	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	94
5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014915.D
Acq On : 15 Jun 2021 01:14
Operator : CG/JU
Sample : M2693-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
M2693-0230

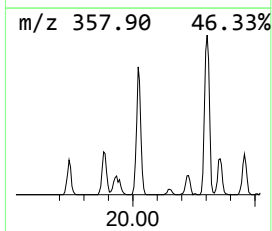
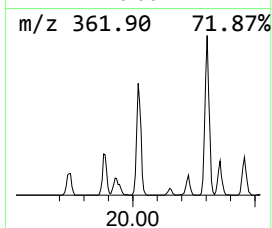
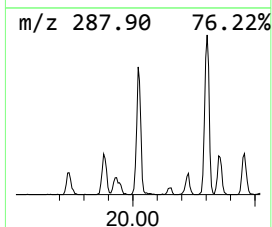
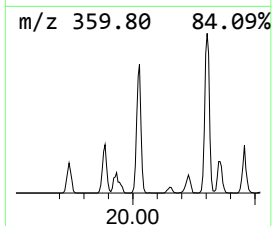
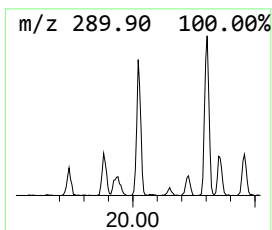
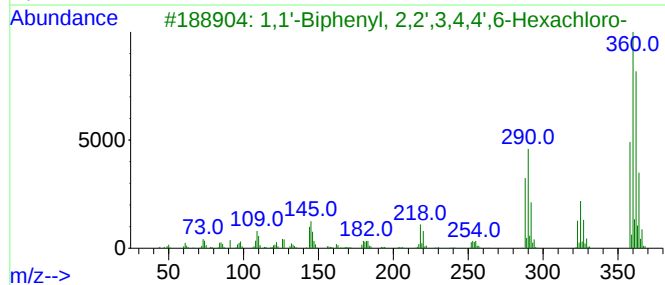
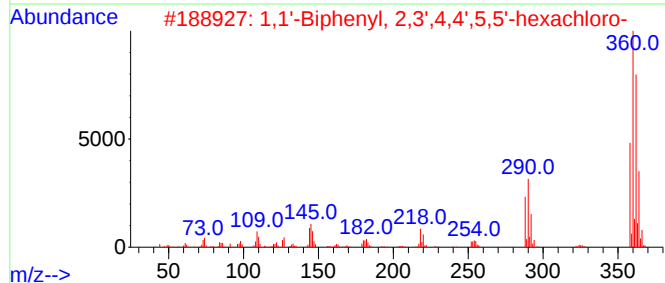
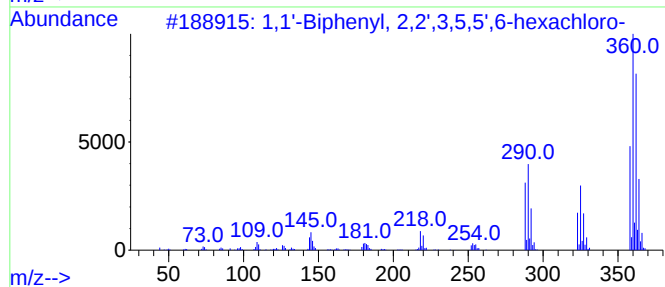
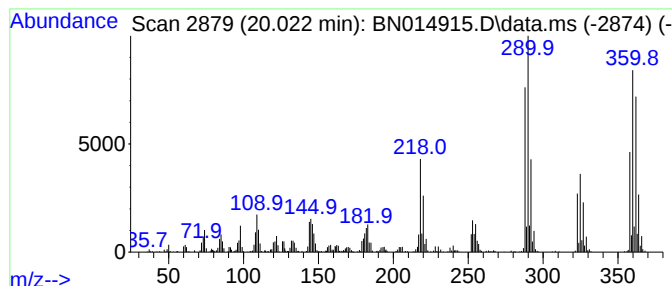
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.022	25.08 ng/ul	2598110	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99		
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99		
3	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99		
4	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99		
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99		



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Operator : CG/JU
Sample : M2693-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

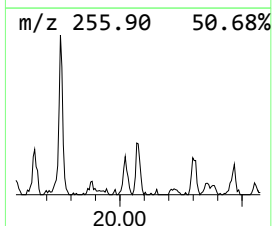
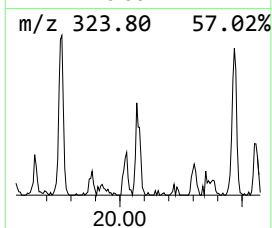
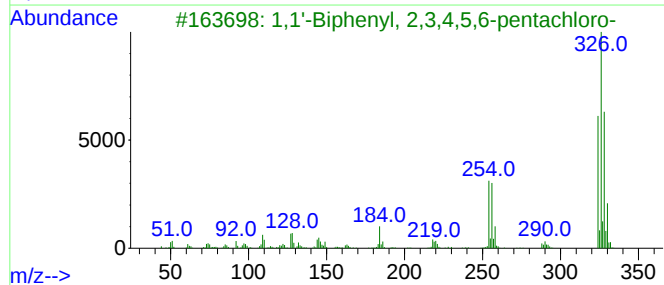
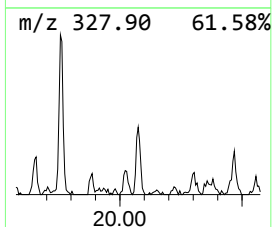
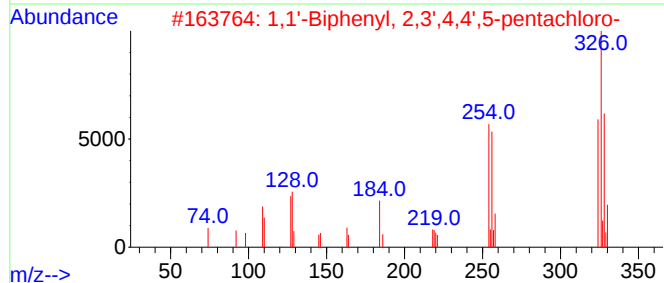
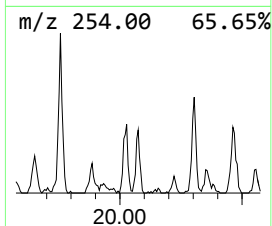
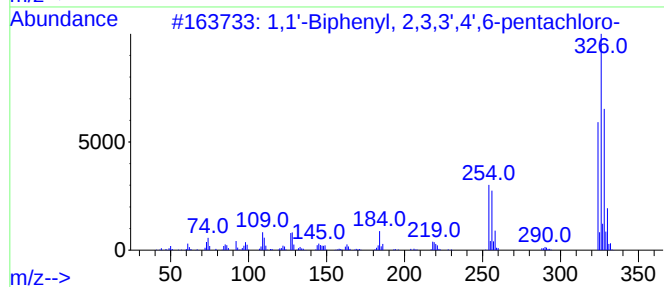
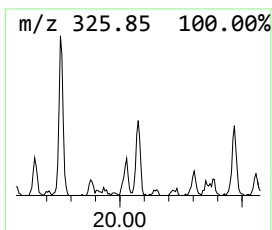
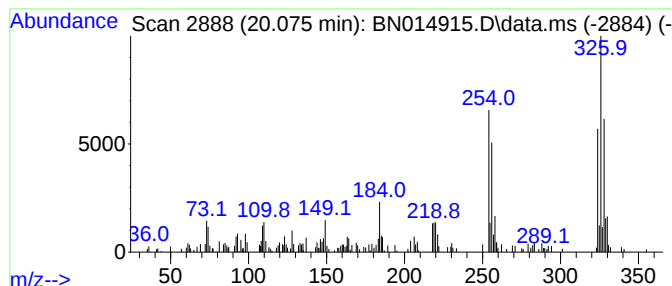
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.075	2.61 ng/ul	270939	Chrysene-d12	21.292	
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',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
3	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	96
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
5	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014915.D
Acq On : 15 Jun 2021 01:14
Operator : CG/JU
Sample : M2693-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
M2693-0230

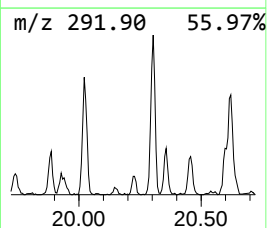
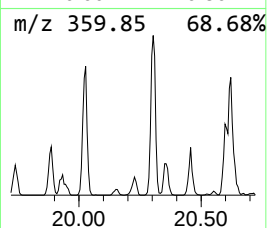
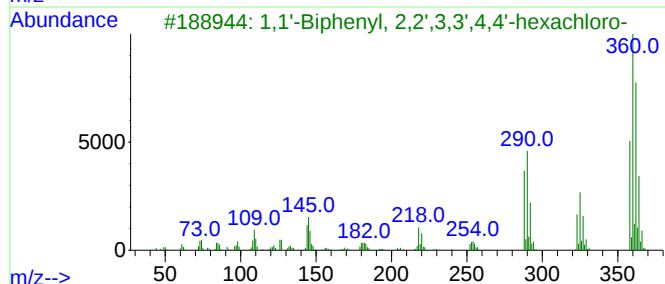
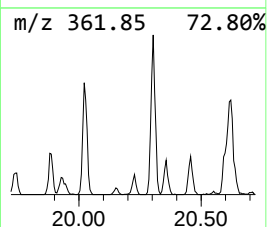
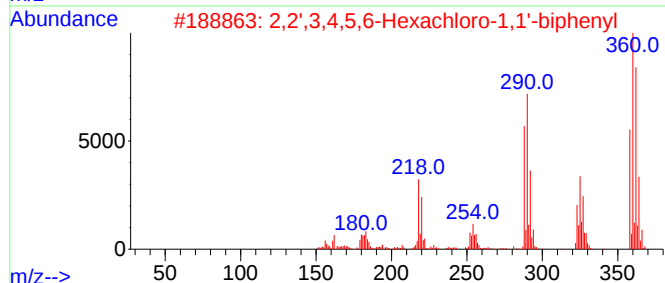
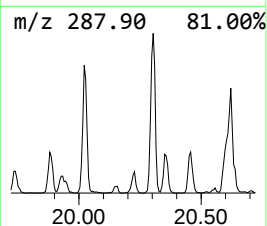
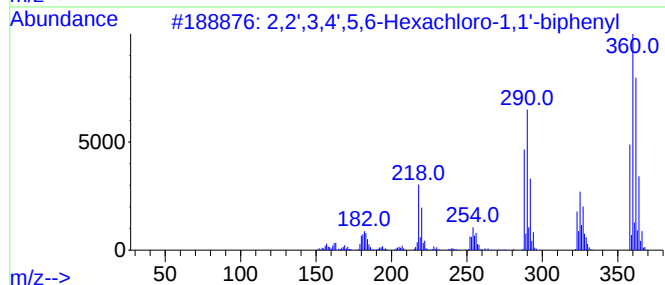
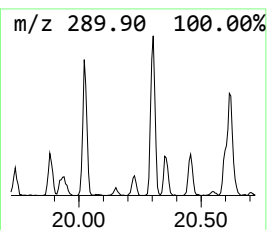
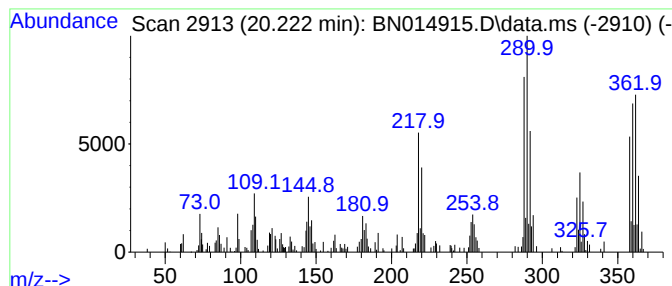
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 2,2',3,4',5,6-Hexachloro-1,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.222	3.92 ng/ul	406220	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	96		
2	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	96		
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	96		
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	96		
5	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	96		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014915.D
Acq On : 15 Jun 2021 01:14
Operator : CG/JU
Sample : M2693-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

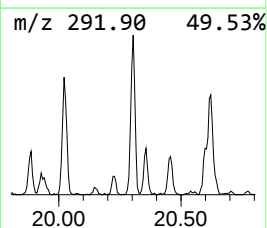
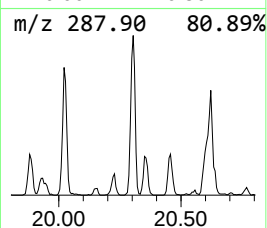
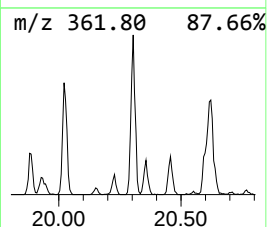
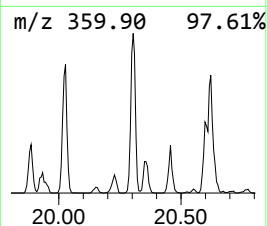
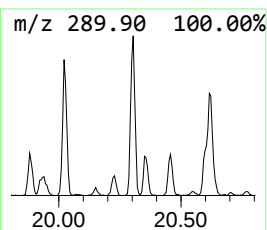
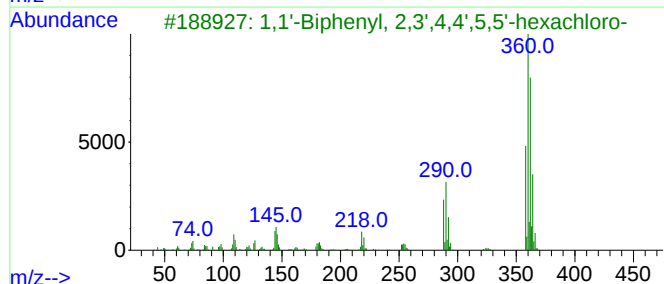
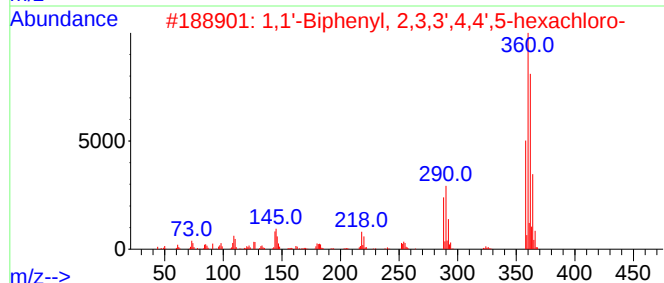
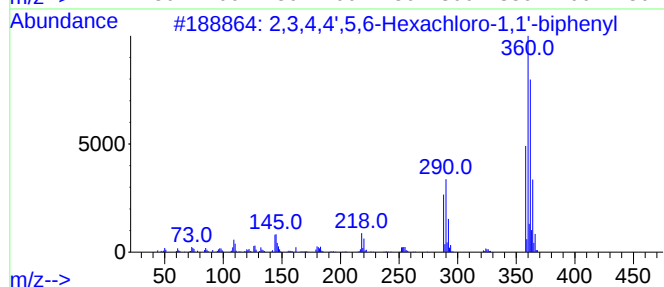
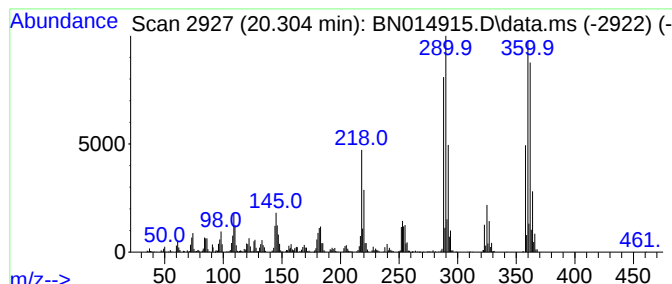
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ClientSampleId :
M2693-0230

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Quant Title : SVOA CALIBRATION

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

Peak Number 11 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.304	30.56 ng/ul	3165970	Chrysene-d12	21.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2	1,1'-Biphenyl, 2,3,3',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	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014915.D
Acq On : 15 Jun 2021 01:14
Operator : CG/JU
Sample : M2693-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
M2693-0230

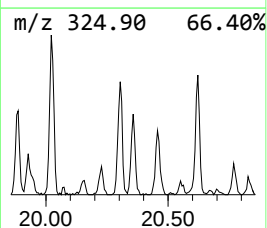
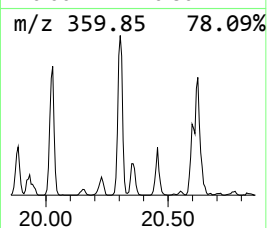
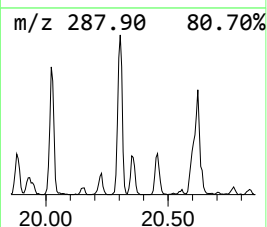
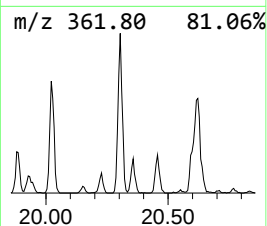
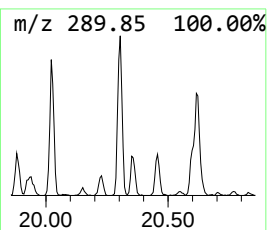
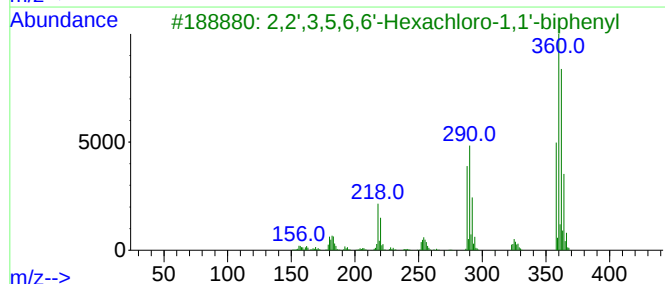
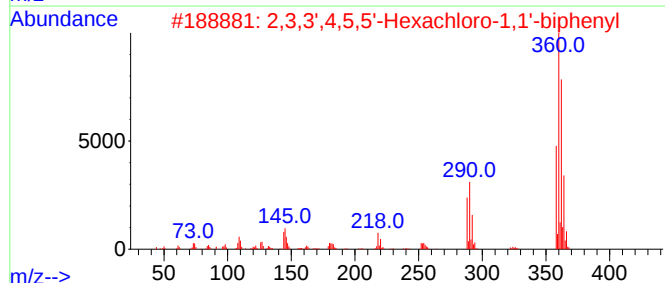
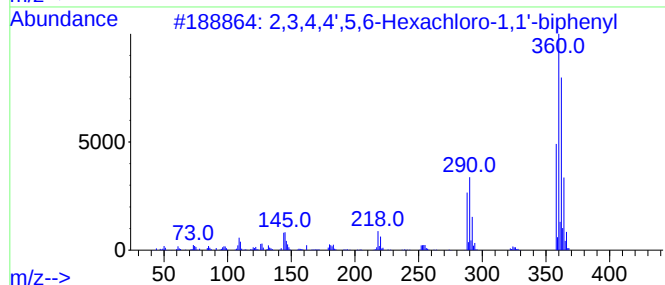
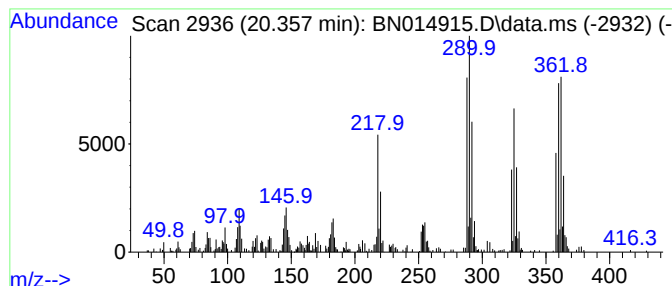
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 2,3,3',4,5,5'-Hexachloro-1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.357	9.36 ng/ul	969689	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99		
2	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99		
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99		
4	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99		
5	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014915.D
Acq On : 15 Jun 2021 01:14
Operator : CG/JU
Sample : M2693-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

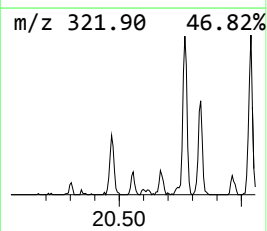
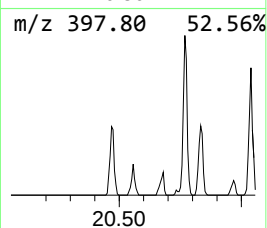
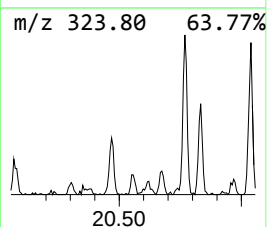
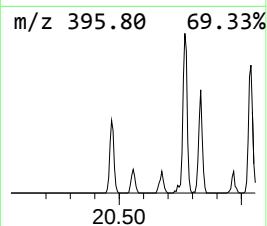
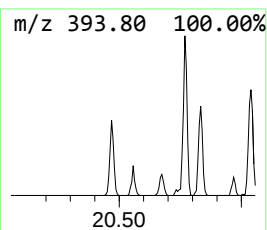
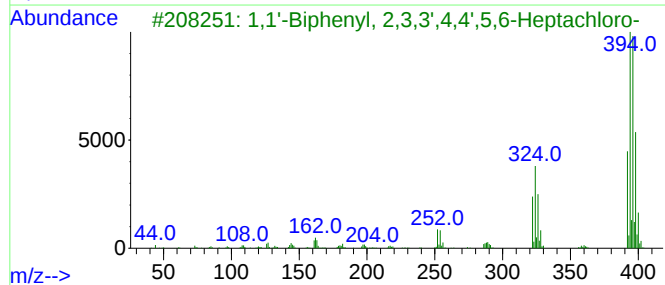
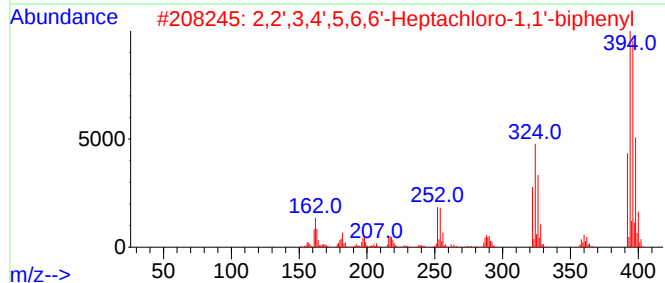
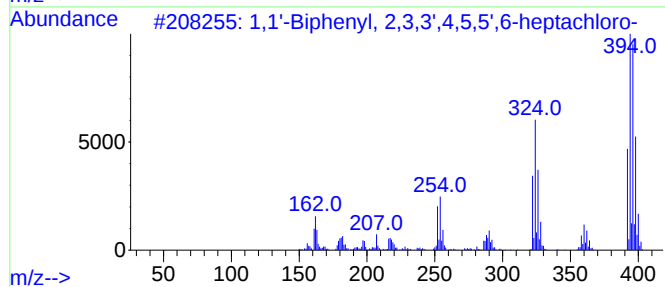
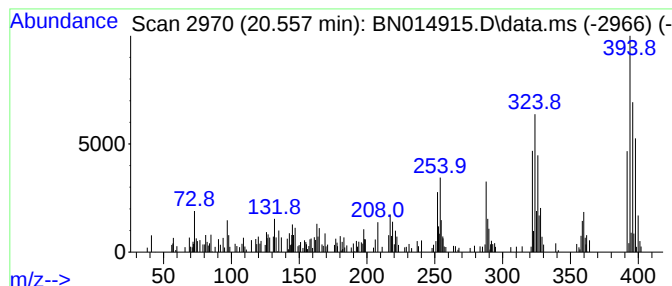
Instrument :
BNA_N
ClientSampleId :
M2693-0230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,3,3',4,5,5... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.557	2.78 ng/ul	288554	Chrysene-d12	21.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
2	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
3	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	96
4	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	95
5	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014915.D
Acq On : 15 Jun 2021 01:14
Operator : CG/JU
Sample : M2693-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

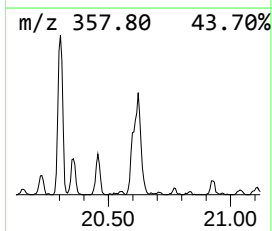
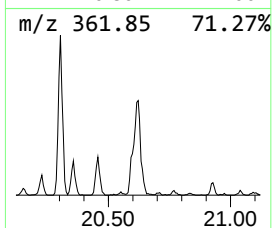
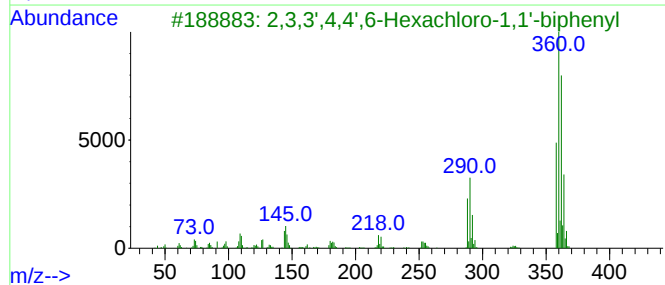
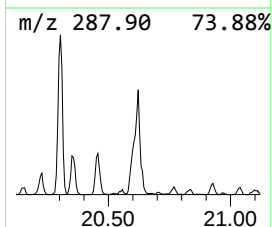
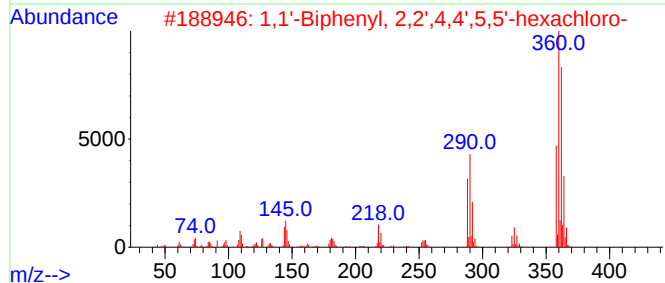
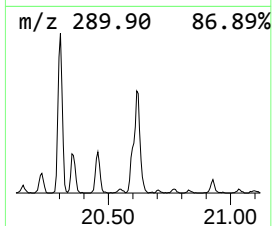
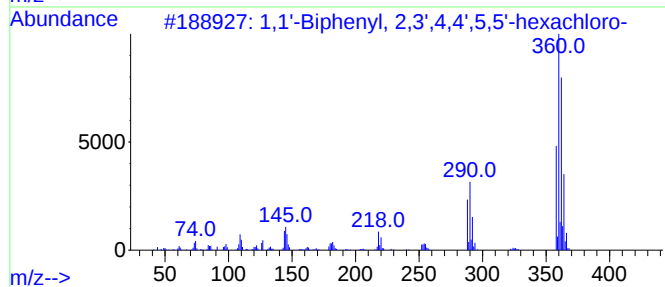
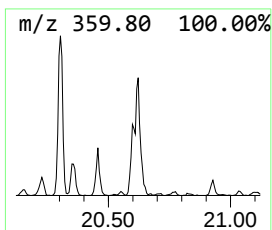
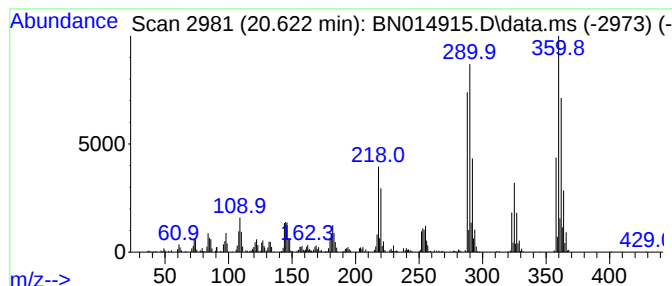
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.622	31.37 ng/ul	3250220	Chrysene-d12	21.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014915.D
Acq On : 15 Jun 2021 01:14
Operator : CG/JU
Sample : M2693-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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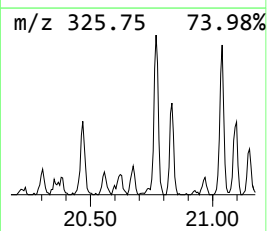
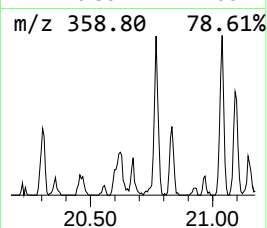
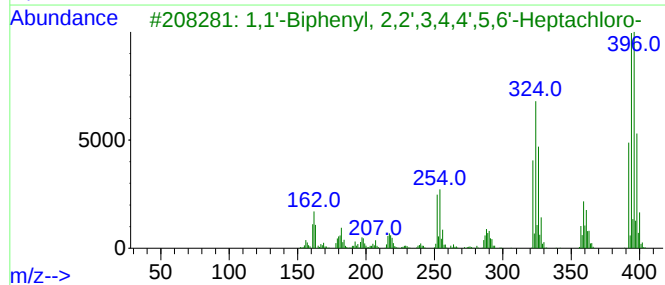
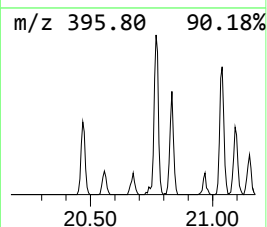
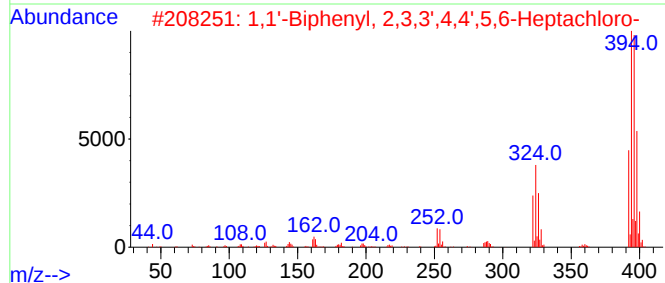
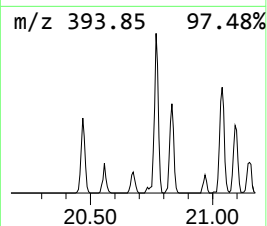
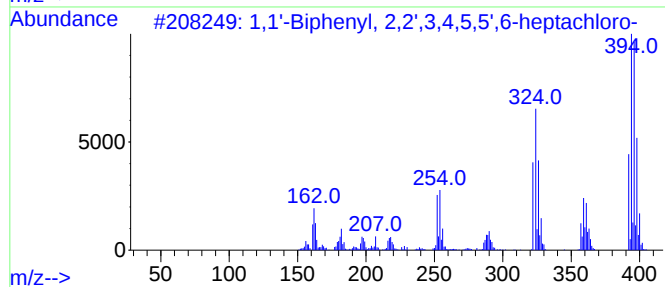
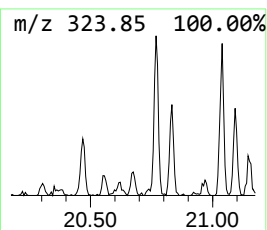
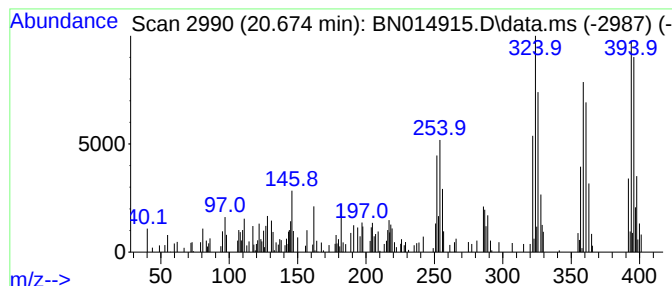
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.674	2.42 ng/ul	250845	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5',6-h...	392	C12H3Cl7	052712-05-7	98		
2	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	98		
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	98		
4	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	97		
5	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	97		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014915.D
Acq On : 15 Jun 2021 01:14
Operator : CG/JU
Sample : M2693-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
M2693-0230

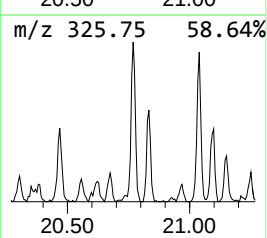
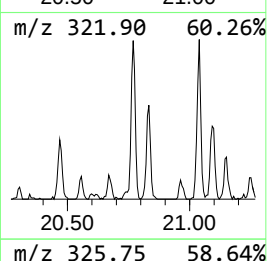
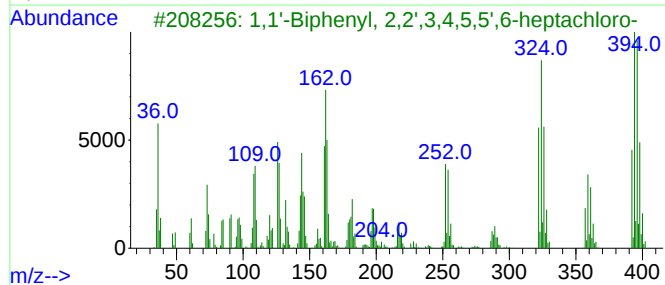
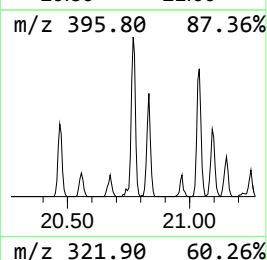
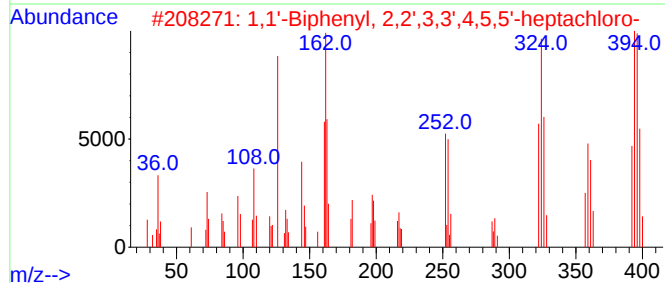
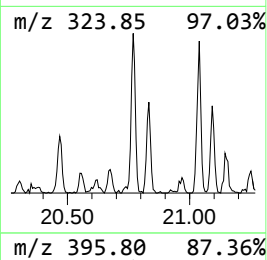
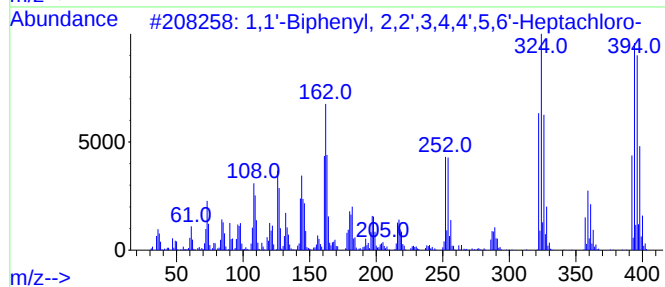
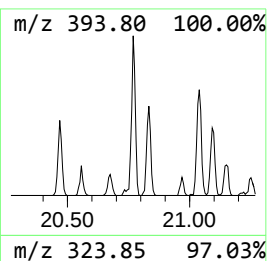
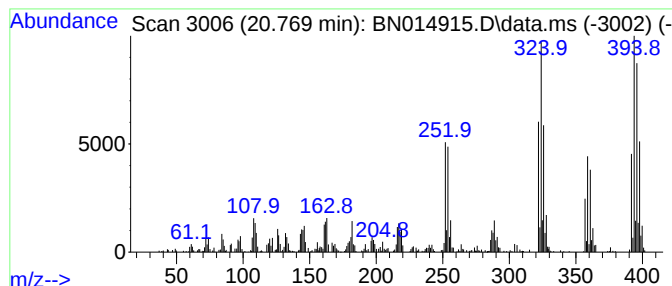
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.769	14.46 ng/ul	1498490	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	98		
2	1,1'-Biphenyl, 2,2',3,3',4,5,5'-...	392	C12H3Cl7	052663-74-8	97		
3	1,1'-Biphenyl, 2,2',3,4,5,5',6-h...	392	C12H3Cl7	052712-05-7	97		
4	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	96		
5	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	95		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014915.D
Acq On : 15 Jun 2021 01:14
Operator : CG/JU
Sample : M2693-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
M2693-0230

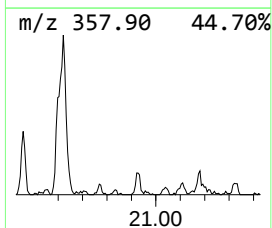
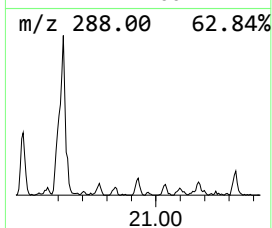
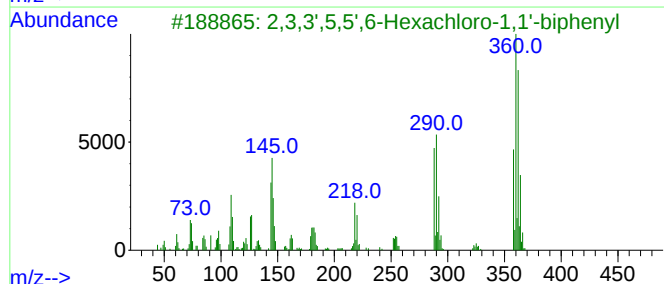
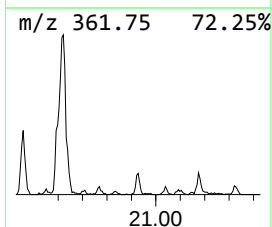
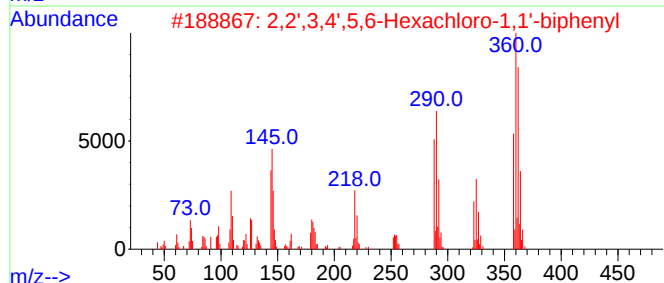
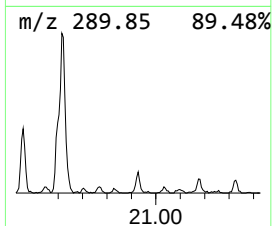
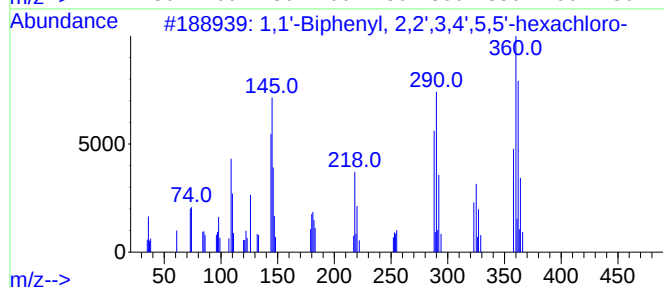
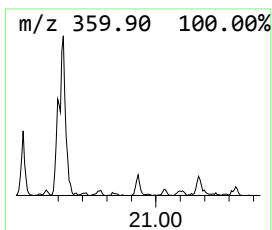
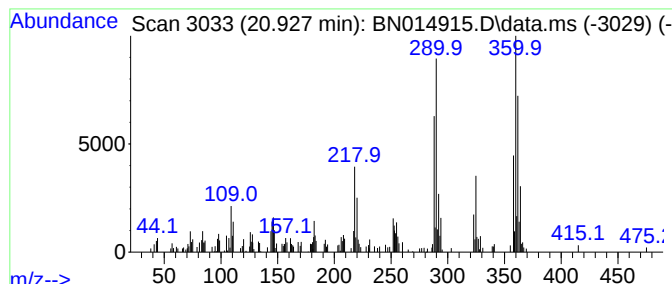
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.927	2.46 ng/ul	255248	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	95		
2	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	95		
3	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	95		
4	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	94		
5	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	94		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014915.D
Acq On : 15 Jun 2021 01:14
Operator : CG/JU
Sample : M2693-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
M2693-0230

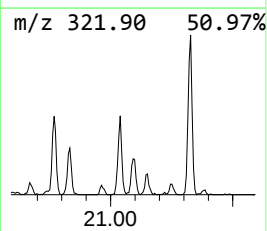
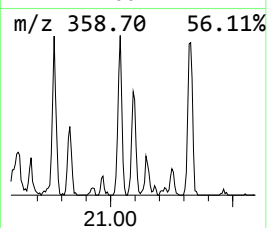
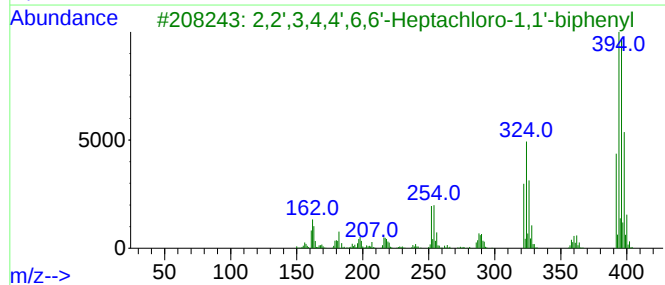
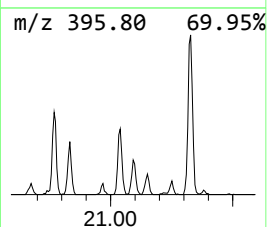
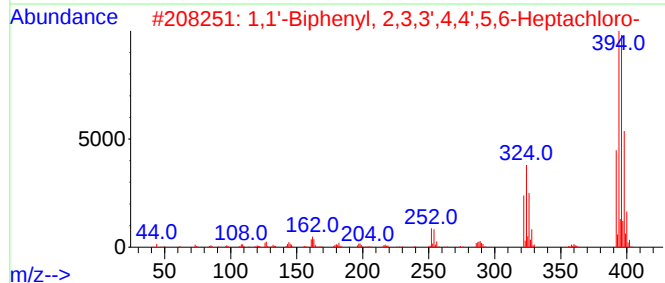
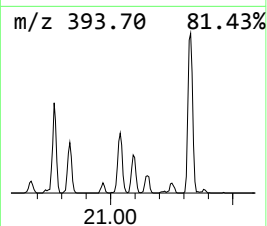
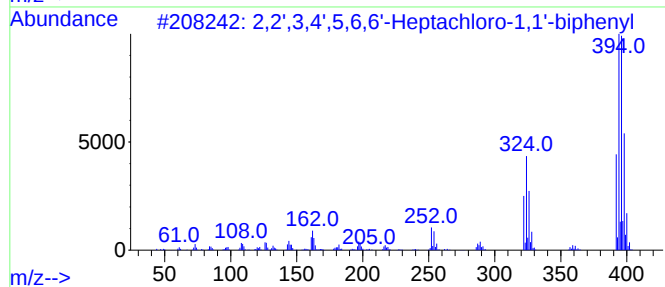
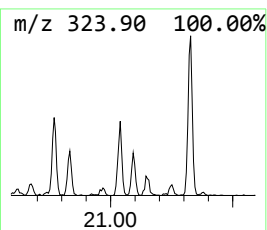
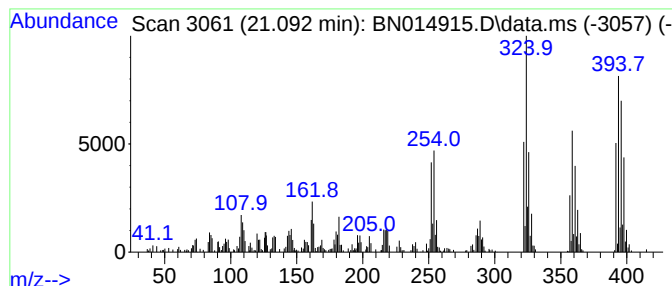
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 2,2',3,4',5,6,6'-Heptachlor... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	8.12 ng/ul	841267	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99		
2	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99		
3	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99		
4	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99		
5	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014915.D
Acq On : 15 Jun 2021 01:14
Operator : CG/JU
Sample : M2693-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
M2693-0230

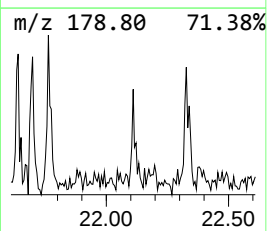
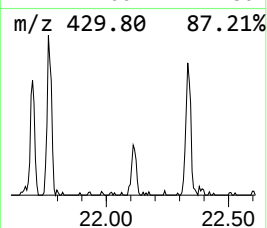
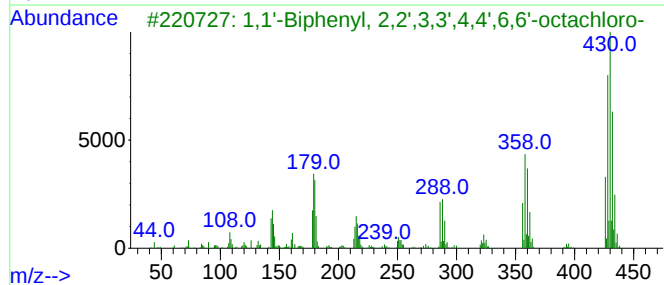
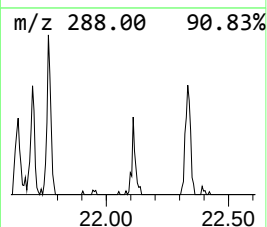
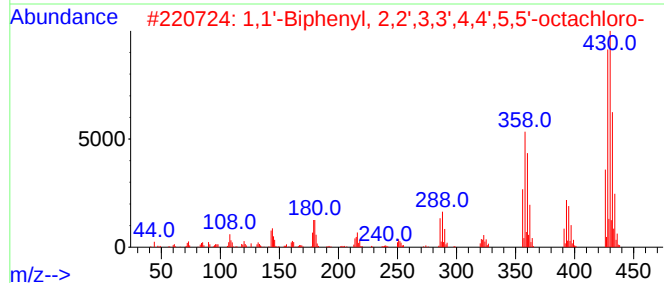
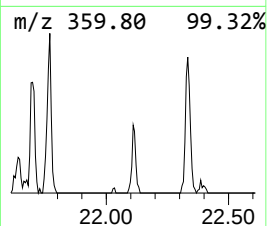
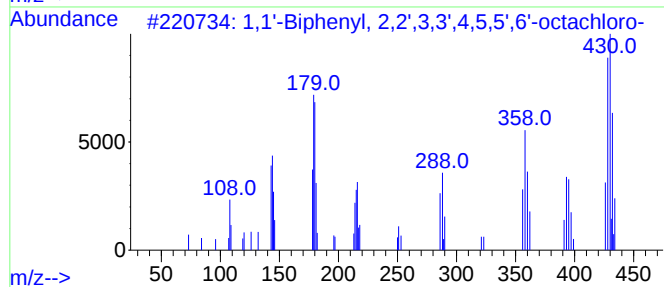
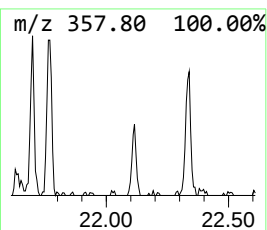
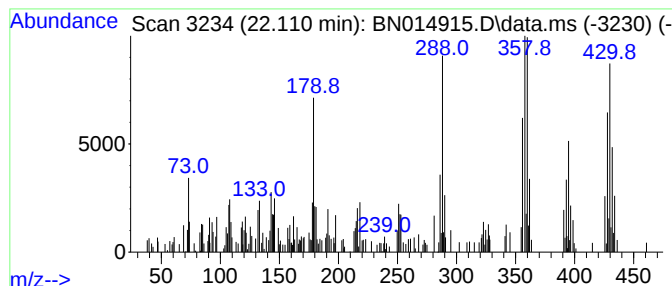
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.110	2.63 ng/ul	272507	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	94		
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	93		
3	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	93		
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	93		
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	90		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014915.D
Acq On : 15 Jun 2021 01:14
Operator : CG/JU
Sample : M2693-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
M2693-0230

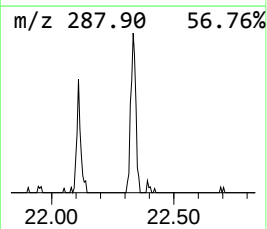
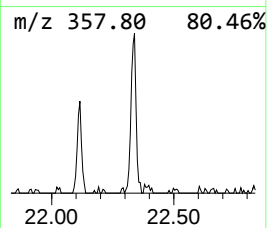
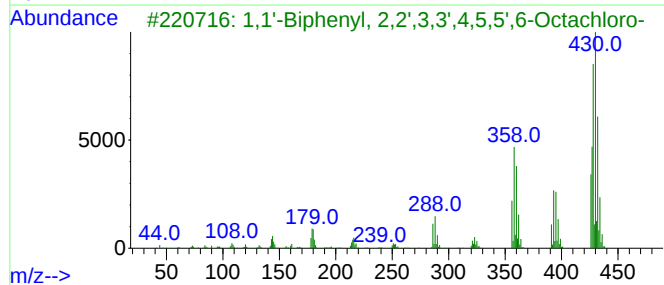
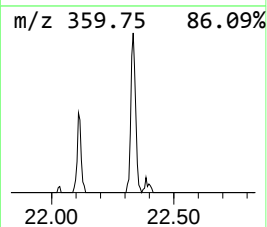
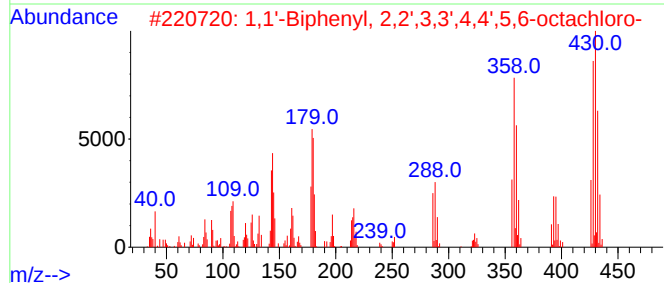
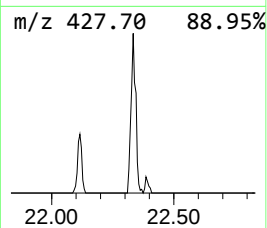
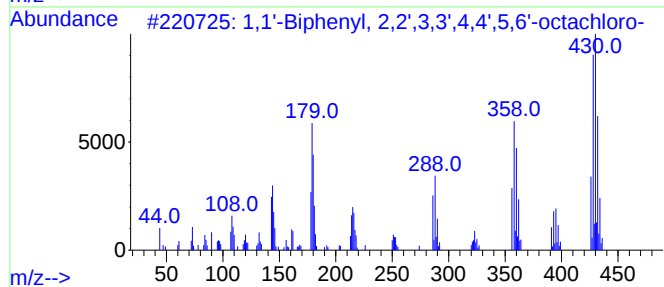
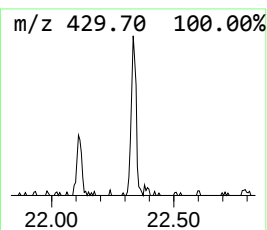
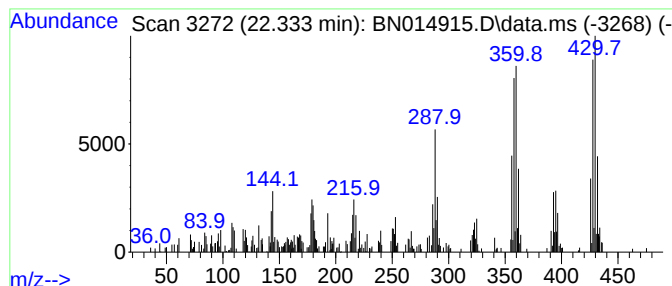
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.333	4.96 ng/ul	513422	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	90		
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	89		
3	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	87		
4	1,1'-Biphenyl, 2,2',3,3',4,5',6,...	426	C12H2Cl8	040186-71-8	87		
5	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	87		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
 Data File : BN014915.D
 Acq On : 15 Jun 2021 01:14
 Operator : CG/JU
 Sample : M2693-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.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...	3.134	26.7	ng/ul	1074950	1	7.681	804405	20.0
1,1'-Biphenyl, ...	18.175	2.3	ng/ul	193594	4	17.092	1655170	20.0
1,1'-Biphenyl, ...	19.028	12.5	ng/ul	1032880	4	17.092	1655170	20.0
1,1'-Biphenyl, ...	19.310	11.5	ng/ul	1188020	5	21.292	2072250	20.0
2,2',3,4,6,6'-H...	19.739	4.4	ng/ul	460414	5	21.292	2072250	20.0
2,2',3,3',5,6-H...	19.880	9.0	ng/ul	934378	5	21.292	2072250	20.0
1,1'-Biphenyl, ...	19.927	5.8	ng/ul	597574	5	21.292	2072250	20.0
1,1'-Biphenyl, ...	20.022	25.1	ng/ul	2598110	5	21.292	2072250	20.0
1,1'-Biphenyl, ...	20.075	2.6	ng/ul	270939	5	21.292	2072250	20.0
2,2',3,4',5,6-H...	20.222	3.9	ng/ul	406220	5	21.292	2072250	20.0
2,3,4,4',5,6-He...	20.304	30.6	ng/ul	3165970	5	21.292	2072250	20.0
2,3,3',4,5,5'-H...	20.357	9.4	ng/ul	969689	5	21.292	2072250	20.0
1,1'-Biphenyl, ...	20.557	2.8	ng/ul	288554	5	21.292	2072250	20.0
1,1'-Biphenyl, ...	20.622	31.4	ng/ul	3250220	5	21.292	2072250	20.0
1,1'-Biphenyl, ...	20.674	2.4	ng/ul	250845	5	21.292	2072250	20.0
1,1'-Biphenyl, ...	20.769	14.5	ng/ul	1498490	5	21.292	2072250	20.0
1,1'-Biphenyl, ...	20.927	2.5	ng/ul	255248	5	21.292	2072250	20.0
2,2',3,4',5,6,6...	21.092	8.1	ng/ul	841267	5	21.292	2072250	20.0
1,1'-Biphenyl, ...	22.110	2.6	ng/ul	272507	5	21.292	2072250	20.0
1,1'-Biphenyl, ...	22.333	5.0	ng/ul	513422	5	21.292	2072250	20.0