

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
 Data File : BM020879.D
 Acq On : 11 Jun 2019 18:02
 Operator : HP/JU
 Sample : AR1248 50PPM
 Misc : GCMS CONFIRMATION
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AR1248 50PPM

Integration Parameters: LSCINT.P

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

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.058	10	12	16	rVB	97549	102208	2.67%	0.373%
2	3.222	37	40	45	rVB	326206	341772	8.94%	1.248%
3	3.558	94	97	106	rVB4	23450	34319	0.90%	0.125%
4	7.804	812	819	828	rBV	1223422	1943701	50.81%	7.099%
5	10.598	1286	1294	1304	rBV	1657652	2726927	71.29%	9.960%
6	14.445	1941	1948	1957	rBV2	2429186	3731954	97.57%	13.630%
7	15.698	2157	2161	2167	rVB	33474	45354	1.19%	0.166%
8	16.421	2280	2284	2292	rVB	76761	106907	2.79%	0.390%
9	17.068	2389	2394	2398	rBV	304246	416896	10.90%	1.523%
10	17.104	2398	2400	2405	rVV	81664	90149	2.36%	0.329%
11	17.192	2409	2415	2425	rVV	2786504	3815268	99.74%	13.935%
12	17.362	2438	2444	2450	rBV	136790	199473	5.21%	0.729%
13	17.639	2488	2491	2495	rBV2	30492	42591	1.11%	0.156%
14	17.780	2509	2515	2524	rBV2	387707	727295	19.01%	2.656%
15	17.915	2532	2538	2543	rBV2	175416	299026	7.82%	1.092%
16	18.039	2554	2559	2564	rBV	85049	112307	2.94%	0.410%
17	18.092	2564	2568	2572	rVB2	73675	95236	2.49%	0.348%
18	18.257	2591	2596	2602	rBV	429131	577473	15.10%	2.109%
19	18.315	2602	2606	2610	rVV	243912	330027	8.63%	1.205%
20	18.362	2610	2614	2619	rVB	190647	240953	6.30%	0.880%
21	18.545	2640	2645	2649	rBV	359449	486969	12.73%	1.779%
22	18.592	2649	2653	2658	rVV	102567	135240	3.54%	0.494%
23	18.645	2658	2662	2665	rVV2	39331	51835	1.36%	0.189%
24	18.680	2665	2668	2671	rVV	102230	127448	3.33%	0.465%
25	18.721	2671	2675	2680	rVB	219191	286370	7.49%	1.046%
26	18.821	2688	2692	2696	rBV	69609	91800	2.40%	0.335%
27	19.027	2722	2727	2731	rBV	183510	236656	6.19%	0.864%
28	19.080	2731	2736	2739	rVV	408011	579500	15.15%	2.117%
29	19.115	2739	2742	2747	rVB3	345680	481053	12.58%	1.757%
30	19.192	2751	2755	2758	rVV3	36637	42769	1.12%	0.156%
31	19.327	2772	2778	2785	rBV	162329	370225	9.68%	1.352%
32	19.386	2785	2788	2795	rVV	194954	256984	6.72%	0.939%
33	19.451	2795	2799	2804	rVB4	81486	105660	2.76%	0.386%
34	19.651	2826	2833	2837	rBV5	69988	113274	2.96%	0.414%

LSC Area Percent Report

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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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Integrator: RTE
Smoothing : OFF
Sampling : 1
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Max Peaks: 100
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Peak separation: 5

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35	19.727	2842	2846	2850	rVV2	85997	101822	2.66%	0.372%
36	19.780	2851	2855	2859	rVB3	44946	54283	1.42%	0.198%
37	19.833	2860	2864	2869	rVV	152871	191719	5.01%	0.700%
38	19.980	2886	2889	2893	rVB5	38795	47737	1.25%	0.174%
39	20.145	2914	2917	2924	rBV	108918	136263	3.56%	0.498%
40	20.456	2967	2970	2975	rBV3	77292	89174	2.33%	0.326%
41	21.368	3120	3125	3131	rBV	2778628	3588183	93.81%	13.105%
42	23.656	3508	3514	3522	rVB	2008508	3825075	100.00%	13.970%

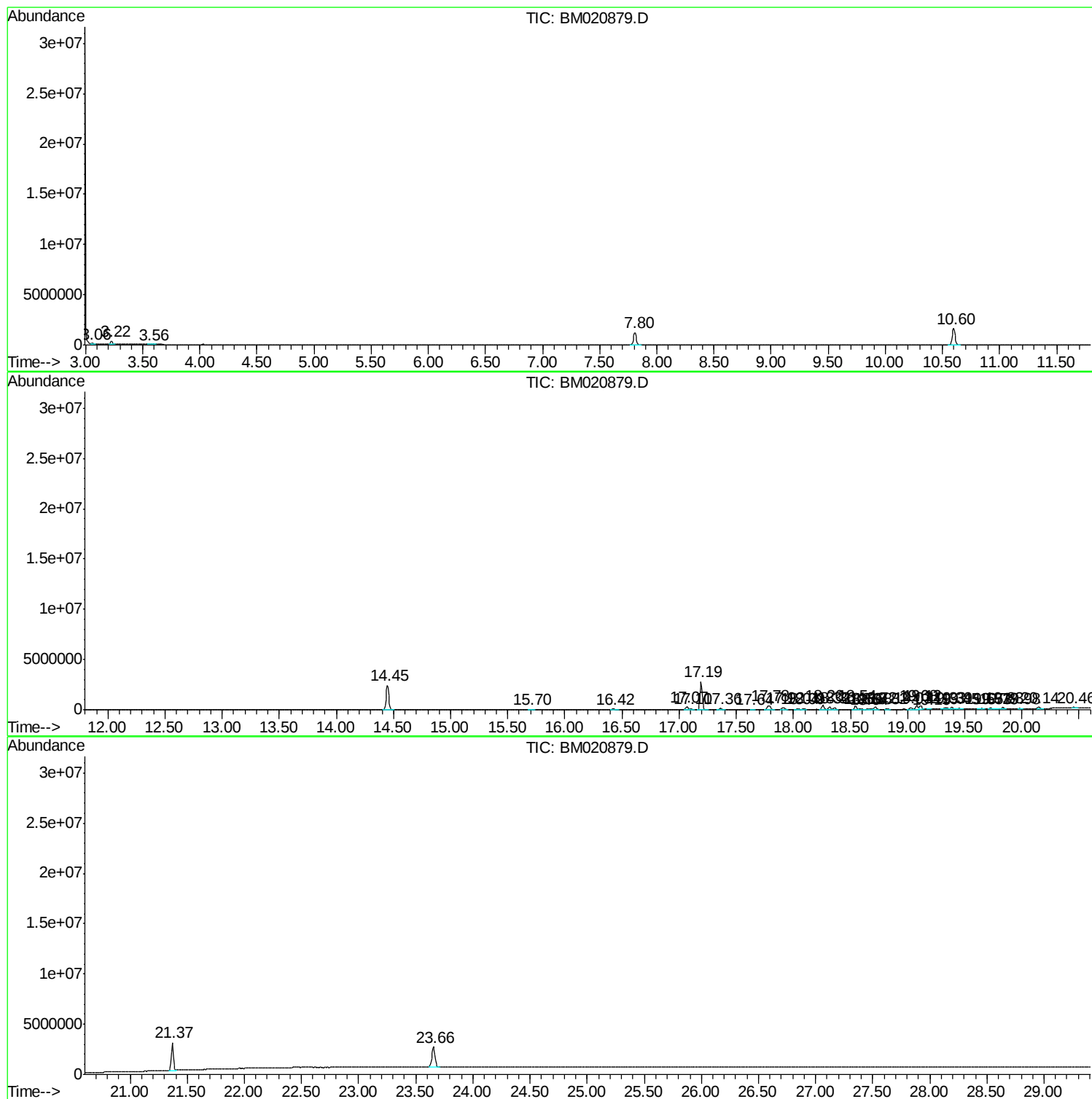
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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AR1248 50PPM

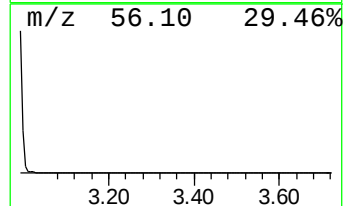
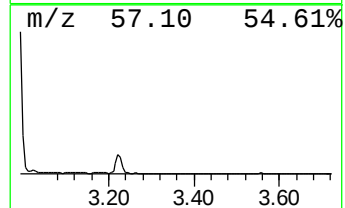
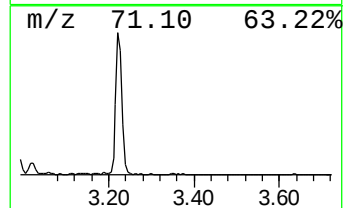
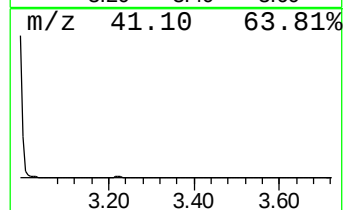
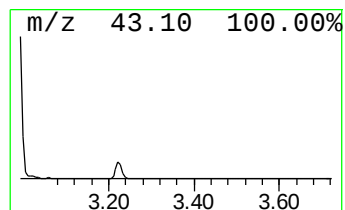
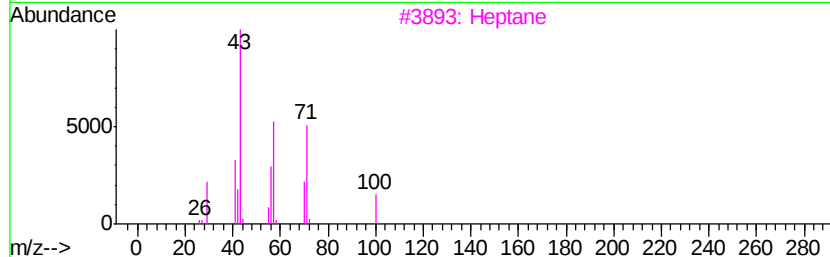
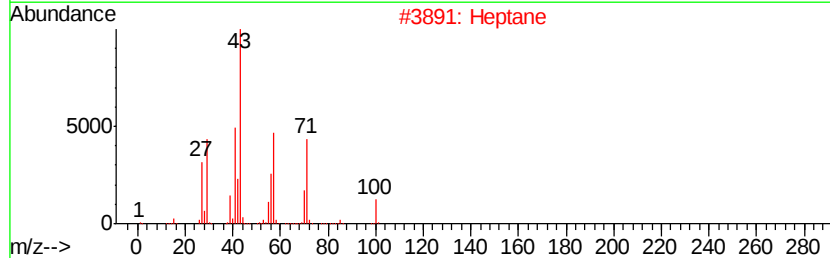
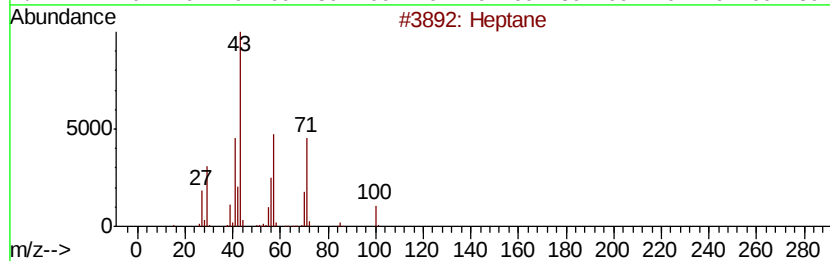
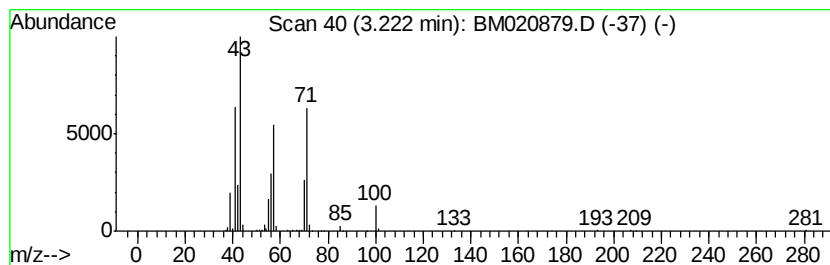
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	3.52 ng/ul	341772	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	90
3		Heptane	100	C7H16	000142-82-5	87
4		Heptane	100	C7H16	000142-82-5	87
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	40



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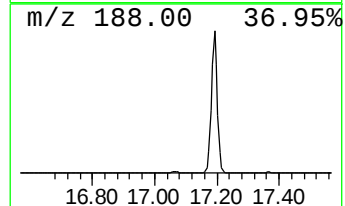
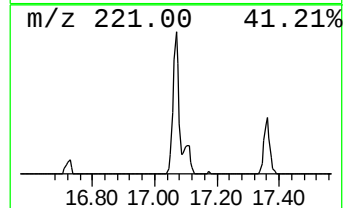
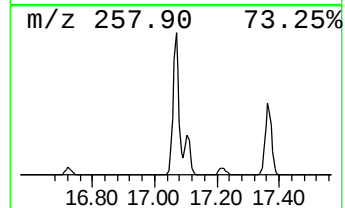
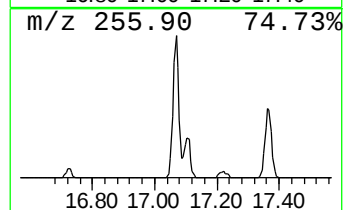
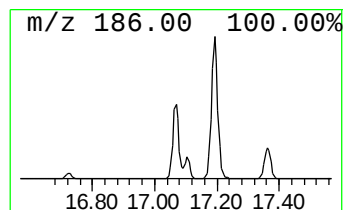
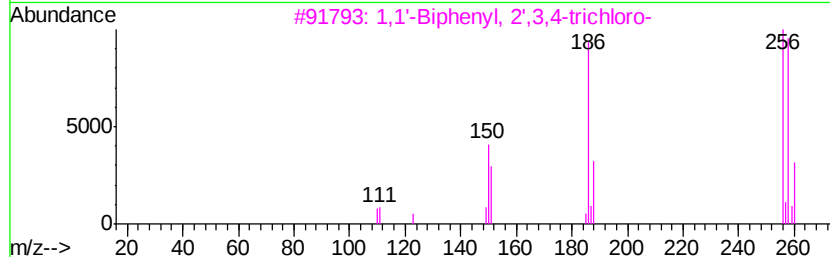
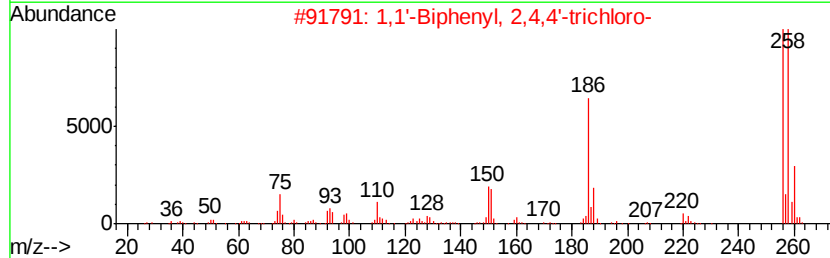
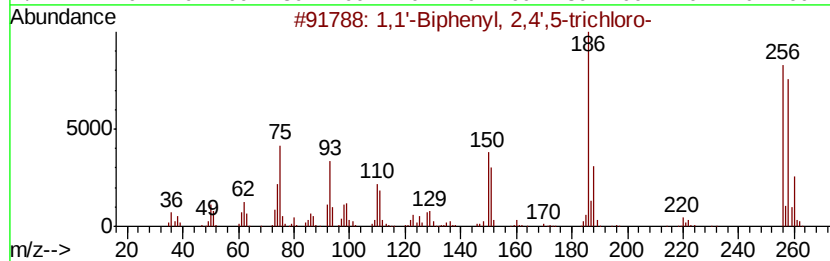
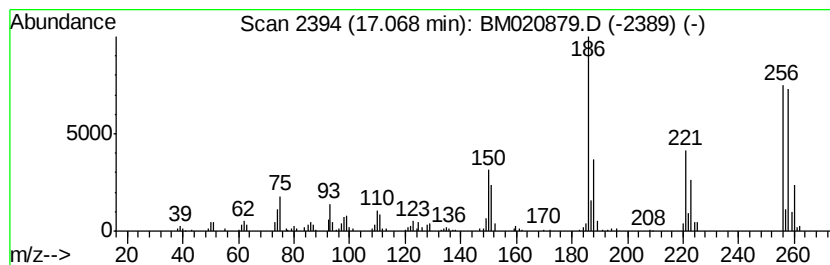
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.			
17.07	2.19 ng/ul	416896	Phenanthrene-d10	17.19			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl,	2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	96
2	1,1'	-Biphenyl,	2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
3	1,1'	-Biphenyl,	2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	96
4	1,1'	-Biphenyl,	2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95
5	1,1'	-Biphenyl,	2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	93



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Misc : GCMS CONFIRMATION
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
AR1248 50PPM

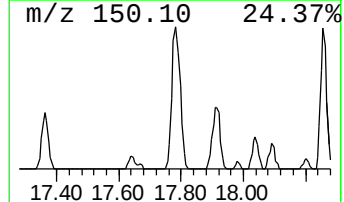
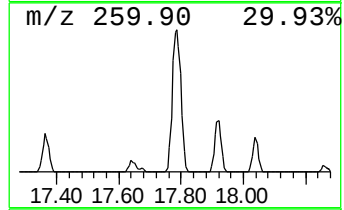
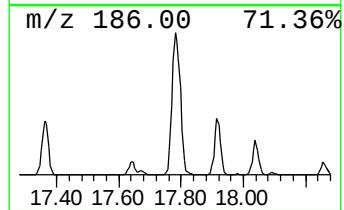
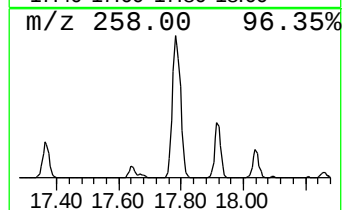
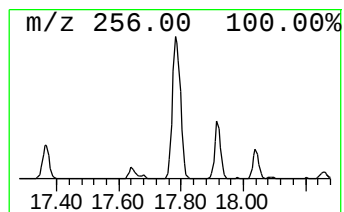
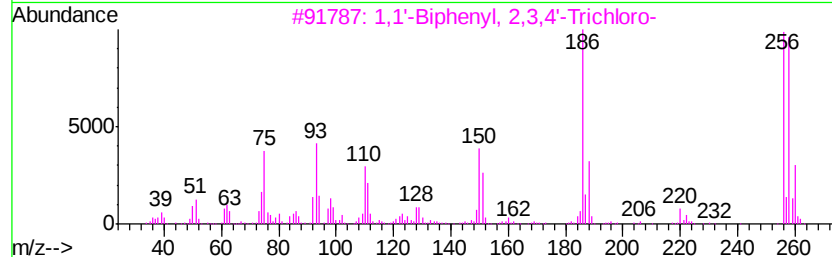
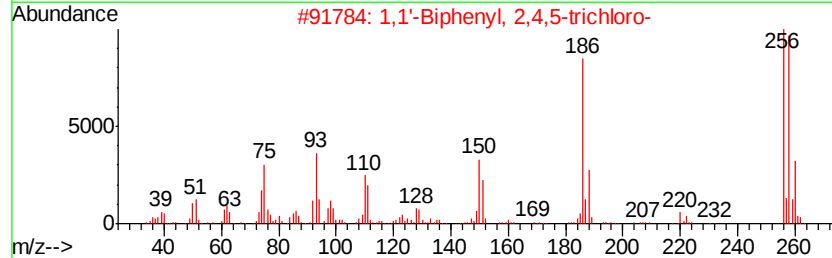
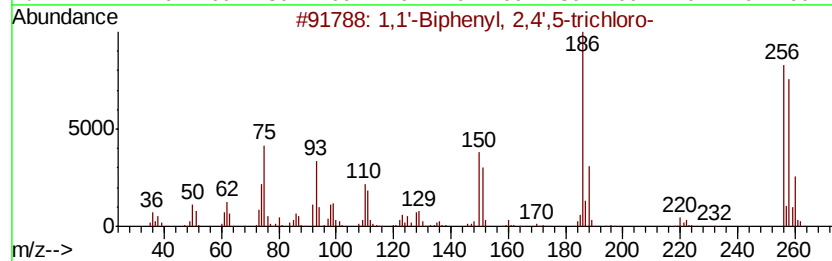
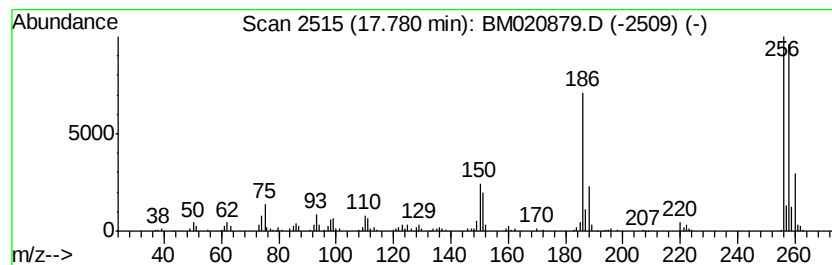
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	3.81 ng/ul	727295	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
2			1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98
3			1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98
4			1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	97
5			1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	97



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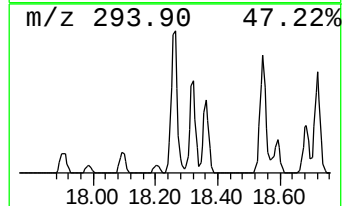
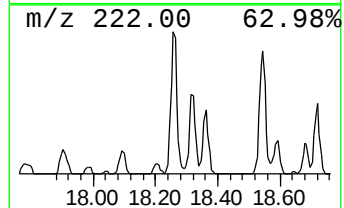
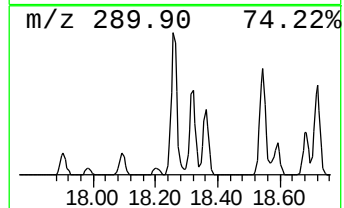
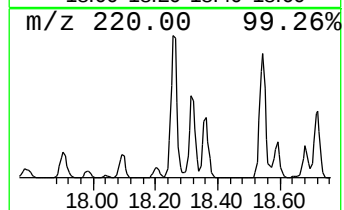
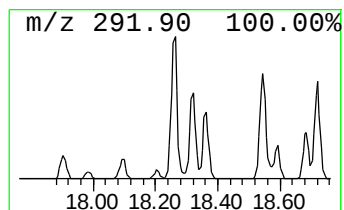
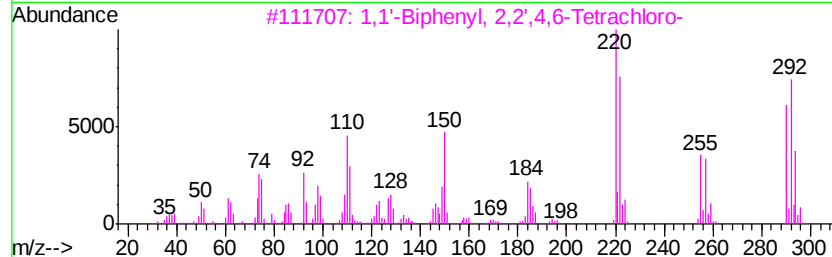
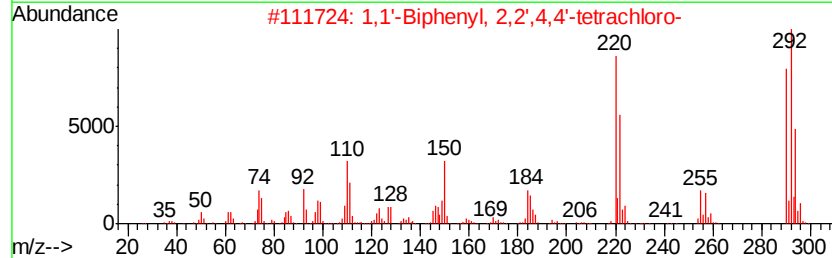
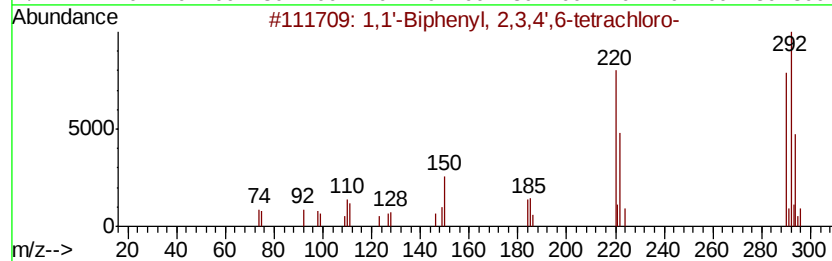
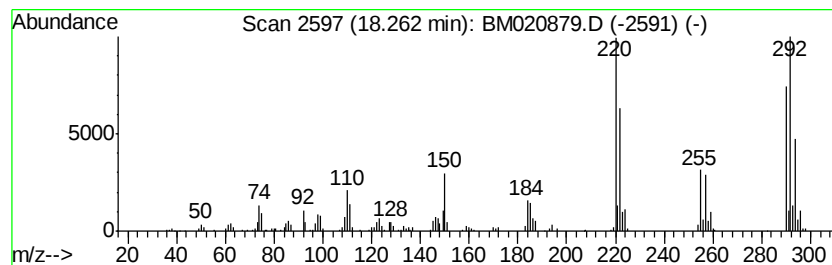
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Peak Number 4 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.26	3.03 ng/ul	577473	Phenanthrene-d10	17.19		
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	2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl	2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl	2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl	2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99



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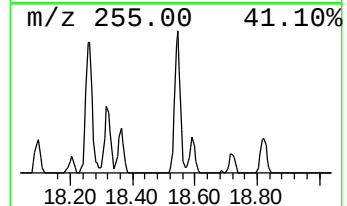
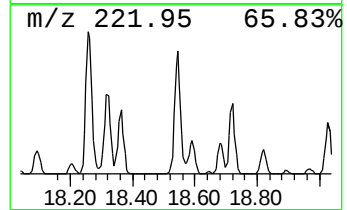
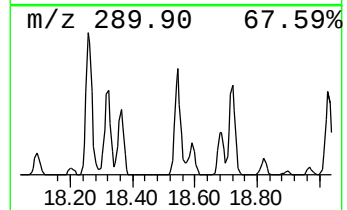
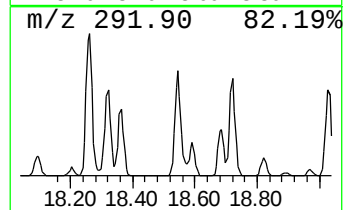
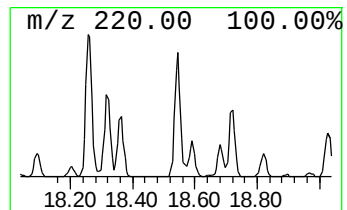
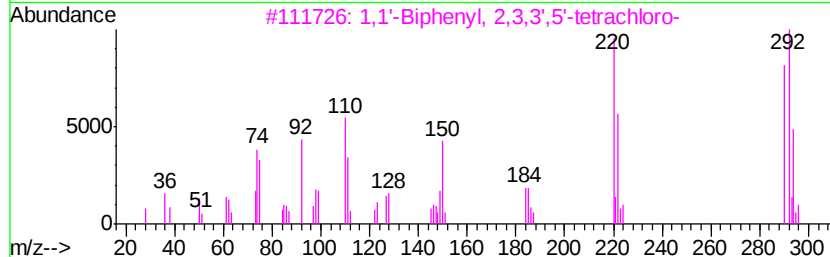
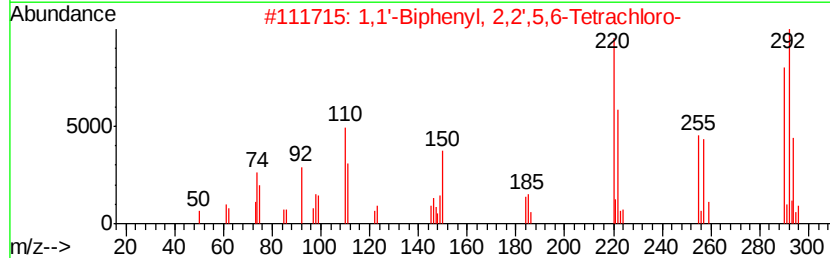
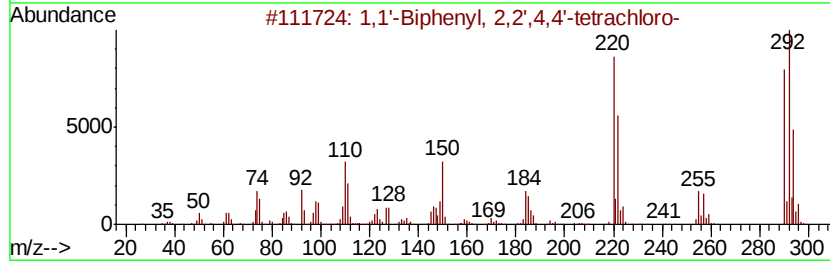
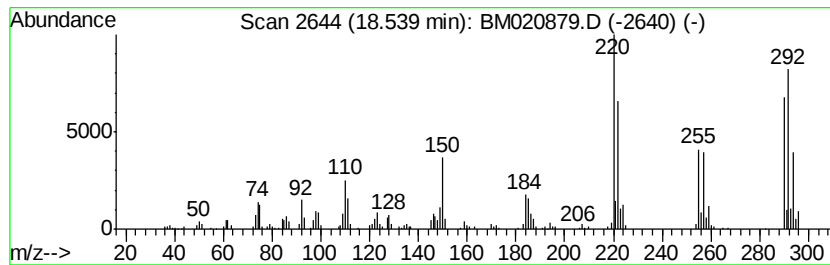
Instrument :
BNA_M
ClientSampleId :
AR1248 50PPM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.54	2.55 ng/ul	486969	Phenanthrene-d10		17.19	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	290	C12H6Cl4		002437-79-8	99
2	1,1'-Biphenyl, 2,2',5,6-Tetrachloro-	290	C12H6Cl4		041464-41-9	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrachloro-	290	C12H6Cl4		041464-49-7	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	290	C12H6Cl4		041464-40-8	99
5	1,1'-Biphenyl, 2,2',4,6-Tetrachloro-	290	C12H6Cl4		062796-65-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020879.D
Acq On : 11 Jun 2019 18:02
Operator : HP/JU
Sample : AR1248 50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 15 Sample Multiplier: 1

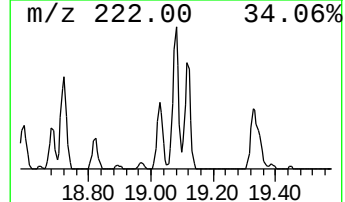
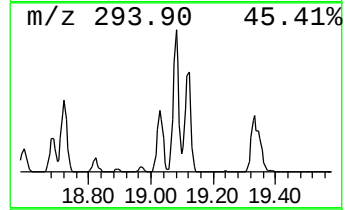
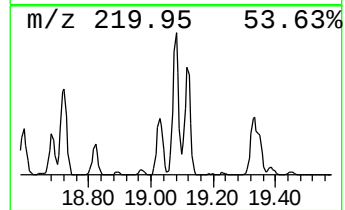
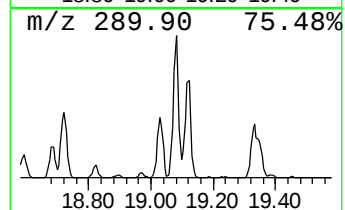
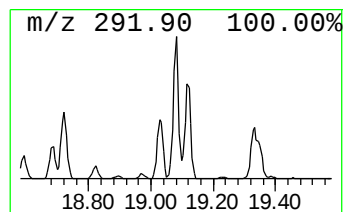
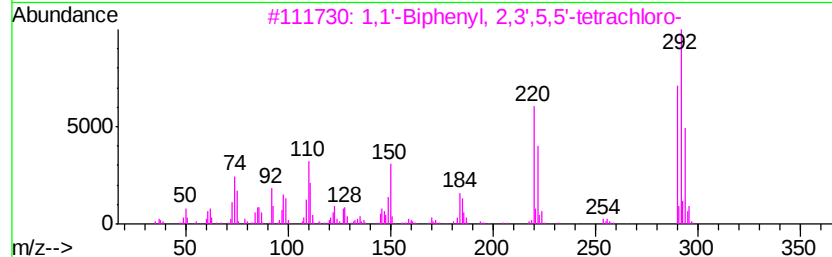
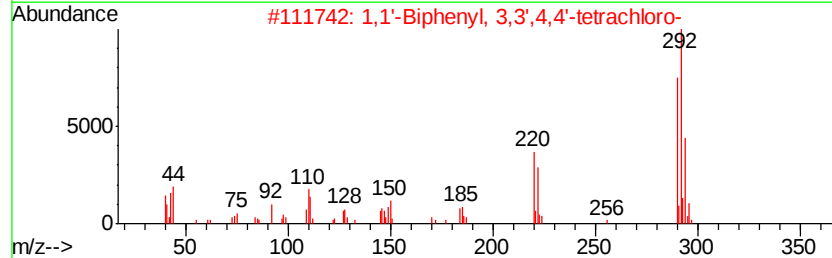
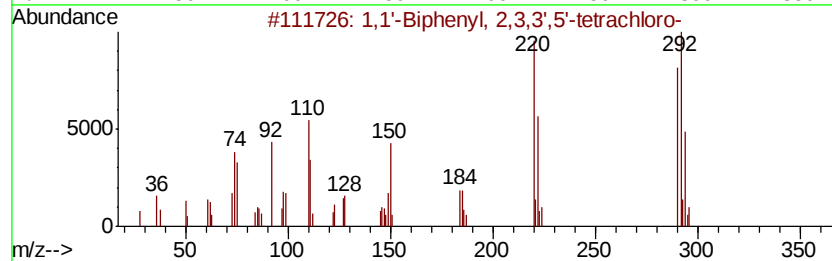
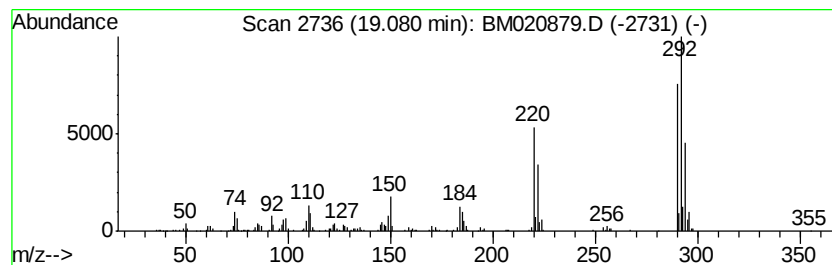
Instrument :
BNA_M
ClientSampleId :
AR1248 50PPM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.08	3.04 ng/ul	579500	Phenanthrene-d10	17.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl,	3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
3	1,1'-Biphenyl,	2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4	1,1'-Biphenyl,	2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl,	2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020879.D
Acq On : 11 Jun 2019 18:02
Operator : HP/JU
Sample : AR1248 50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 15 Sample Multiplier: 1

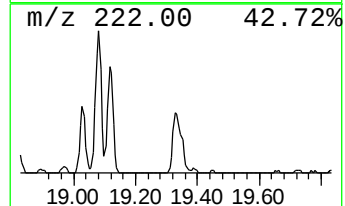
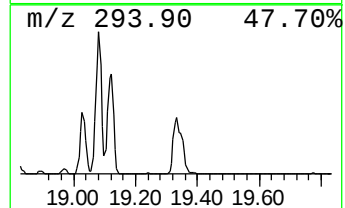
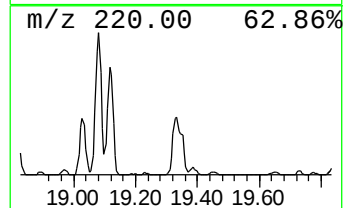
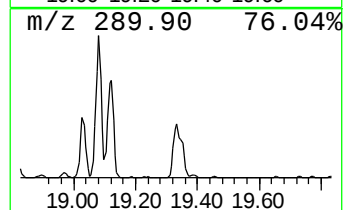
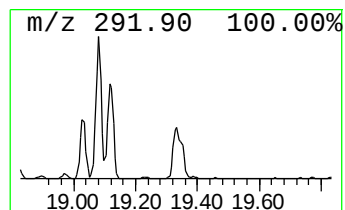
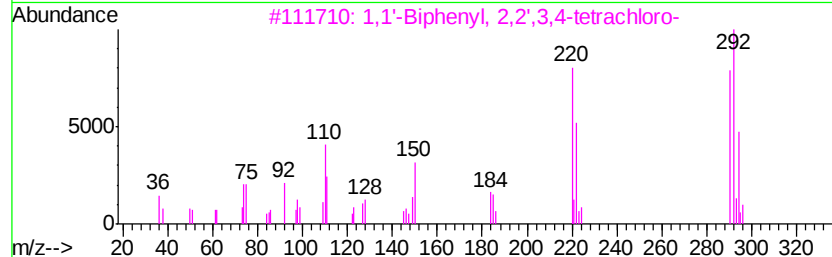
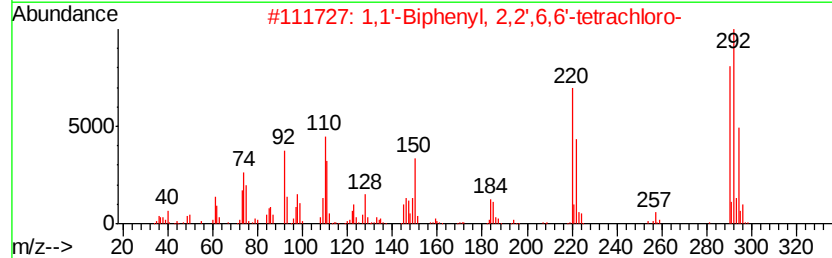
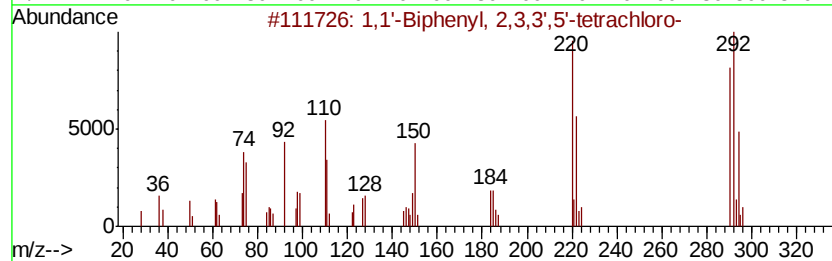
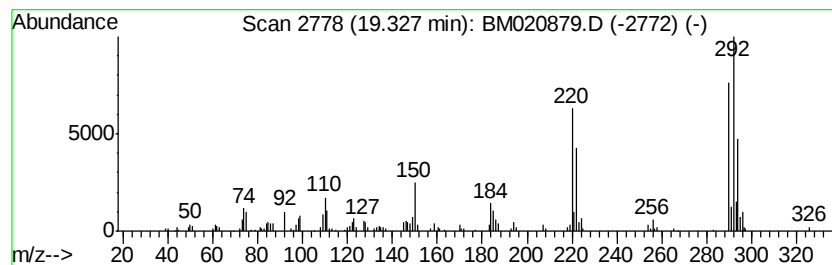
Instrument :
BNA_M
ClientSampleId :
AR1248 50PPM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.33	2.06 ng/ul	370225	Chrysene-d12	21.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl	2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl	2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl	2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
4	1,1'-Biphenyl	2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
5	1,1'-Biphenyl	2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061119\
Data File : BM020879.D
Acq On : 11 Jun 2019 18:02
Operator : HP/JU
Sample : AR1248 50PPM
Misc : GCMS CONFIRMATION
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
AR1248 50PPM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	3.22	3.5	ng/ul	341772	1	7.80	1943700	20.0
1,1'-Biphenyl, 2,...	17.07	2.2	ng/ul	416896	4	17.19	3815270	20.0
1,1'-Biphenyl, 2,...	17.78	3.8	ng/ul	727295	4	17.19	3815270	20.0
1,1'-Biphenyl, 2,...	18.26	3.0	ng/ul	577473	4	17.19	3815270	20.0
1,1'-Biphenyl, 2,...	18.54	2.5	ng/ul	486969	4	17.19	3815270	20.0
1,1'-Biphenyl, 2,...	19.08	3.0	ng/ul	579500	4	17.19	3815270	20.0
1,1'-Biphenyl, 2,...	19.33	2.1	ng/ul	370225	5	21.37	3588180	20.0