

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061119\
 Data File : BM020885.D
 Acq On : 11 Jun 2019 21:41
 Operator : HP/JU
 Sample : K3200-10
 Misc : GCMS CONFIRMATION
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETND3

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	19	rVB	159235	175580	3.96%	0.449%
2	3.140	22	26	28	rBV	44268	45814	1.03%	0.117%
3	3.222	37	40	47	rVB	621395	633616	14.30%	1.621%
4	3.558	94	97	104	rVB2	44322	58548	1.32%	0.150%
5	7.804	812	819	828	rVB	1376351	2123560	47.91%	5.432%
6	10.598	1286	1294	1302	rVB	1769101	2989748	67.46%	7.648%
7	14.445	1941	1948	1959	rVB2	2739602	4152208	93.69%	10.621%
8	15.698	2156	2161	2167	rVB	120928	159924	3.61%	0.409%
9	16.139	2231	2236	2241	rBV7	17807	39114	0.88%	0.100%
10	16.304	2261	2264	2269	rBV	36998	46486	1.05%	0.119%
11	16.421	2276	2284	2291	rBV	245513	333491	7.52%	0.853%
12	16.721	2330	2335	2340	rBV2	97893	120771	2.72%	0.309%
13	17.068	2388	2394	2397	rBV	680640	918852	20.73%	2.350%
14	17.104	2397	2400	2406	rVB	239583	305278	6.89%	0.781%
15	17.192	2408	2415	2427	rVB2	3058439	4432056	100.00%	11.337%
16	17.363	2438	2444	2450	rVB2	402703	606884	13.69%	1.552%
17	17.639	2487	2491	2494	rBV	102480	131985	2.98%	0.338%
18	17.674	2494	2497	2502	rVB3	46602	62446	1.41%	0.160%
19	17.786	2508	2516	2524	rBV	909260	1814458	40.94%	4.641%
20	17.915	2530	2538	2544	rVB2	450379	744072	16.79%	1.903%
21	17.980	2545	2549	2554	rBV4	50301	68035	1.54%	0.174%
22	18.039	2554	2559	2563	rBV	256655	333105	7.52%	0.852%
23	18.092	2563	2568	2573	rVB	166562	231941	5.23%	0.593%
24	18.204	2582	2587	2591	rBV	65981	87464	1.97%	0.224%
25	18.257	2591	2596	2602	rVV	888438	1182167	26.67%	3.024%
26	18.315	2602	2606	2610	rVV	558639	752137	16.97%	1.924%
27	18.357	2610	2613	2621	rVB	421786	561753	12.67%	1.437%
28	18.539	2639	2644	2649	rBV	698623	1012828	22.85%	2.591%
29	18.592	2649	2653	2657	rVV	229018	310215	7.00%	0.794%
30	18.645	2657	2662	2665	rVV	131376	173399	3.91%	0.444%
31	18.680	2665	2668	2671	rVV	235250	301181	6.80%	0.770%
32	18.715	2671	2674	2679	rVB	473498	611010	13.79%	1.563%
33	18.821	2688	2692	2696	rVB	145338	186580	4.21%	0.477%
34	18.968	2713	2717	2720	rBV3	29452	40008	0.90%	0.102%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Max Peaks: 100
Peak Location: TOP

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

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35	19.027	2722	2727	2731	rVV	424376	524896	11.84%	1.343%
36	19.080	2731	2736	2738	rVV	666501	923114	20.83%	2.361%
37	19.115	2738	2742	2749	rVB2	781438	1120002	25.27%	2.865%
38	19.192	2751	2755	2759	rVB2	66027	86073	1.94%	0.220%
39	19.327	2771	2778	2784	rBV	378800	770961	17.40%	1.972%
40	19.386	2784	2788	2795	rVV	387574	519216	11.72%	1.328%
41	19.451	2795	2799	2803	rVV	169425	213747	4.82%	0.547%
42	19.580	2817	2821	2824	rBV5	39151	52037	1.17%	0.133%
43	19.645	2828	2832	2838	rVB3	131249	175183	3.95%	0.448%
44	19.727	2842	2846	2850	rVV	170107	198566	4.48%	0.508%
45	19.774	2850	2854	2859	rVV	96421	113922	2.57%	0.291%
46	19.833	2859	2864	2868	rVV	320570	386835	8.73%	0.990%
47	19.880	2868	2872	2875	rVV3	48884	63408	1.43%	0.162%
48	19.974	2885	2888	2894	rVB5	66498	81628	1.84%	0.209%
49	20.092	2904	2908	2913	rBV7	57546	100066	2.26%	0.256%
50	20.145	2913	2917	2922	rVB	241650	287803	6.49%	0.736%
51	20.368	2952	2955	2960	rBV4	48781	57908	1.31%	0.148%
52	20.451	2966	2969	2976	rVB2	138852	162479	3.67%	0.416%
53	21.368	3120	3125	3135	rBV	2800163	3621782	81.72%	9.265%
54	23.650	3507	3513	3525	rVB	1963513	3886648	87.69%	9.942%

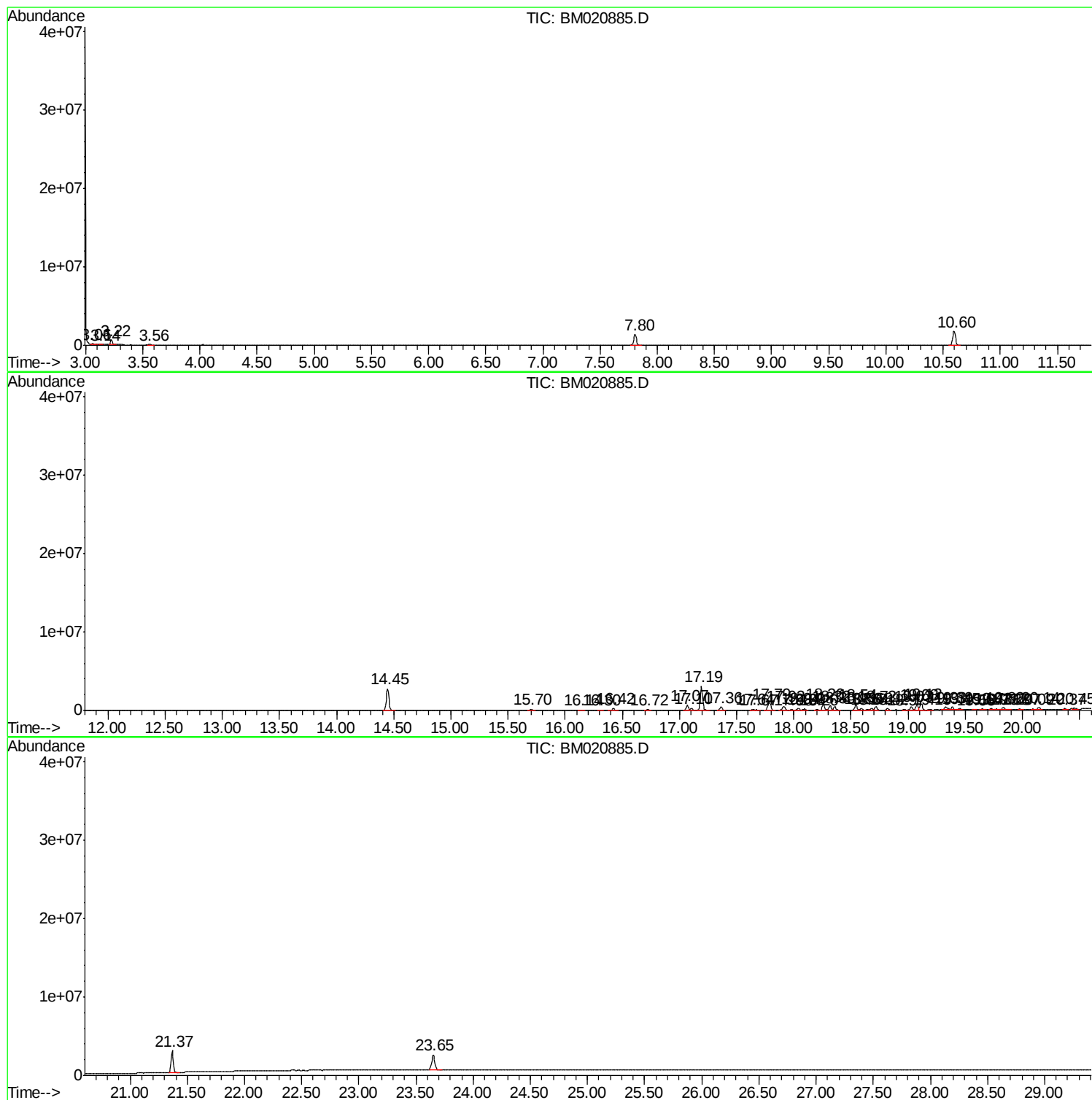
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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



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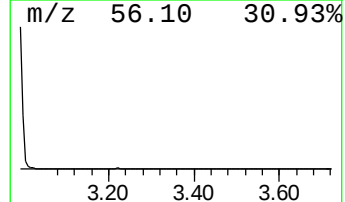
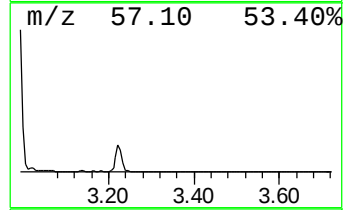
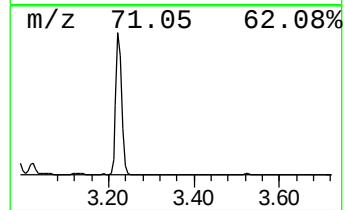
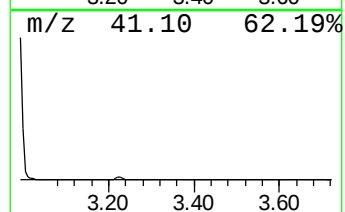
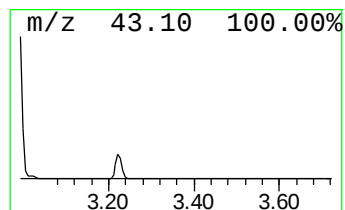
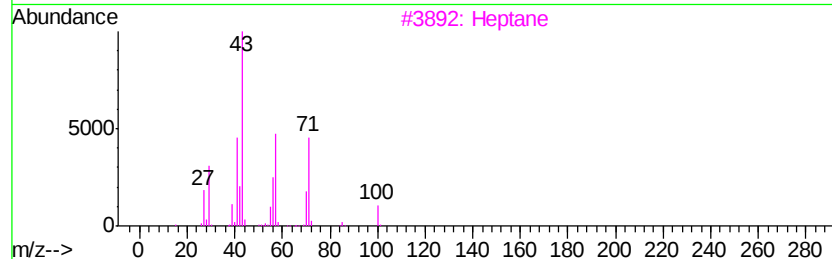
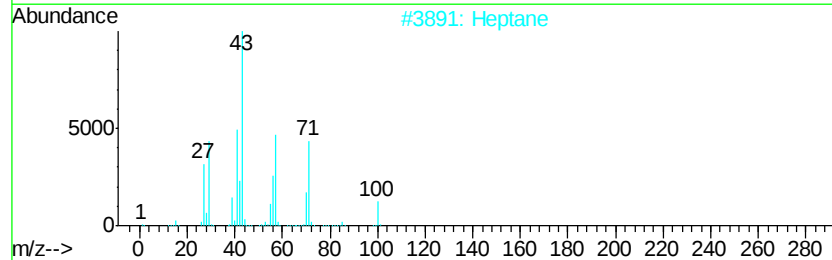
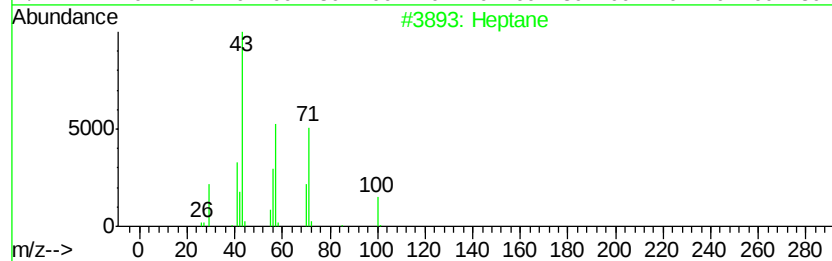
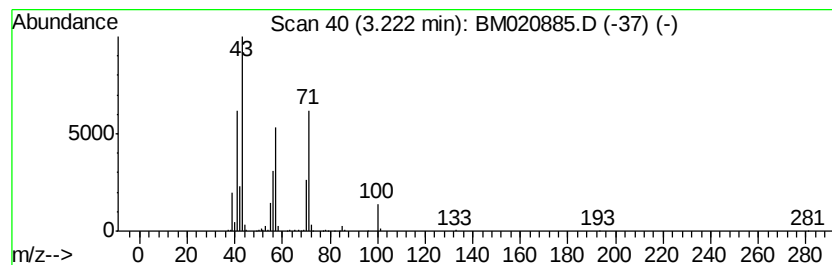
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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	5.97 ng/ul	633616	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	86
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	47



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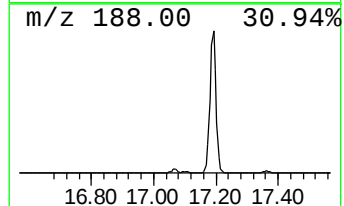
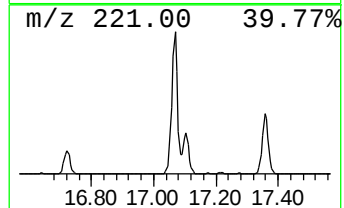
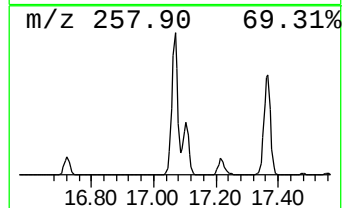
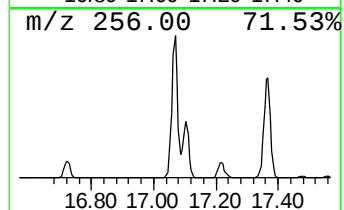
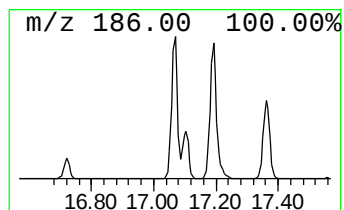
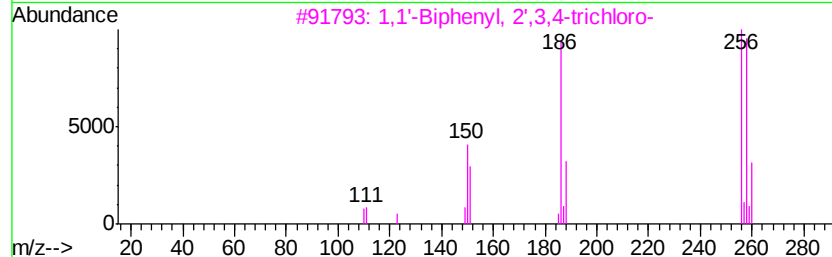
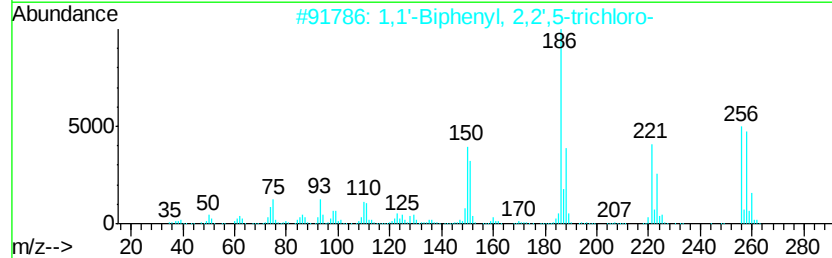
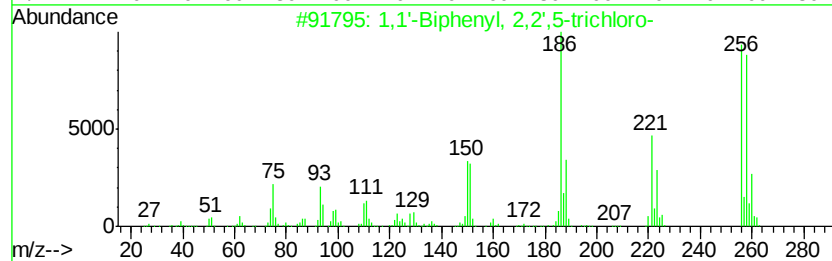
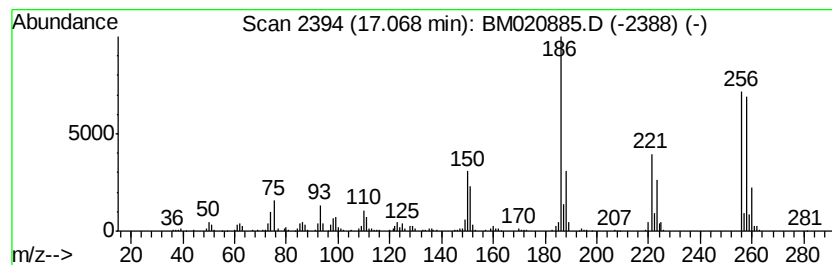
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.07	4.15 ng/ul	918852	Phenanthrene-d10	17.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl,	2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl,	2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	97
4	1,1'-Biphenyl,	2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	96
5	1,1'-Biphenyl,	2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95



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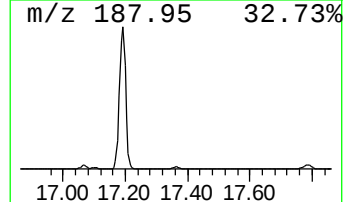
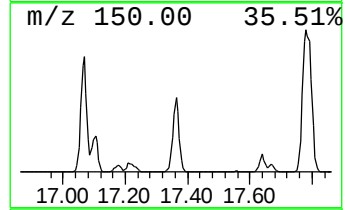
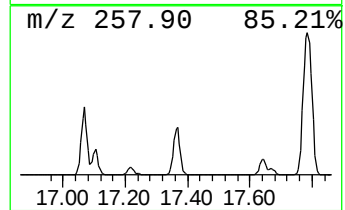
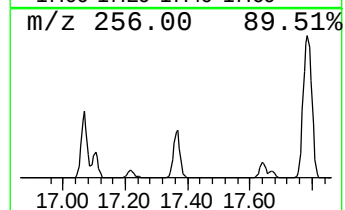
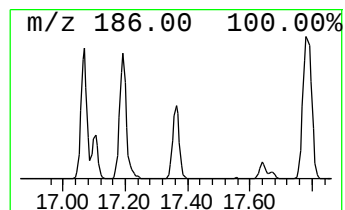
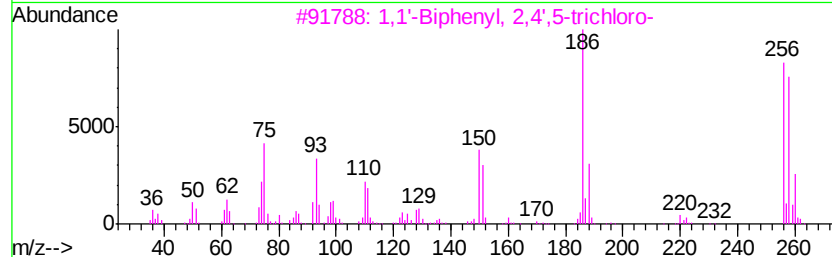
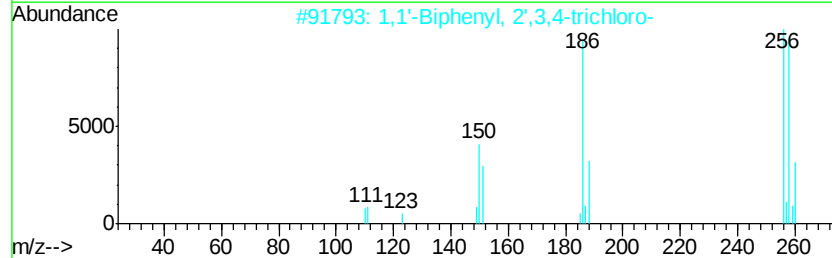
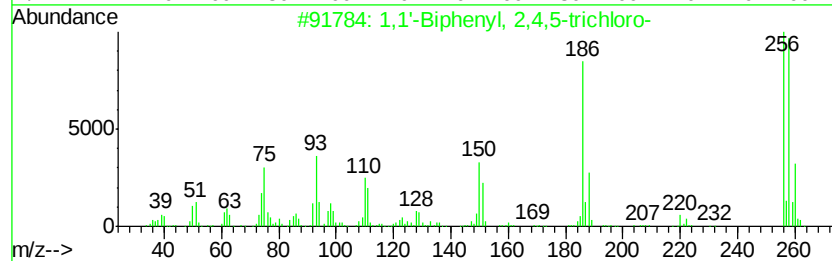
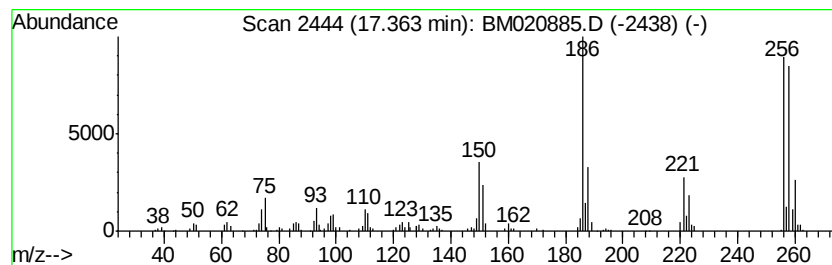
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,1'-Biphenyl, 2,4,5-trichl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	2.74 ng/ul	606884	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98
2		1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
3		1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97
4		1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	96
5		1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95



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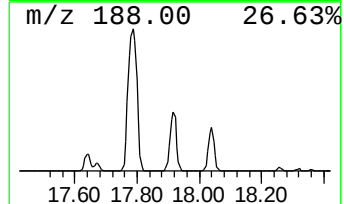
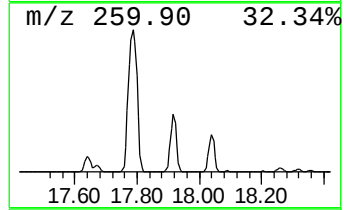
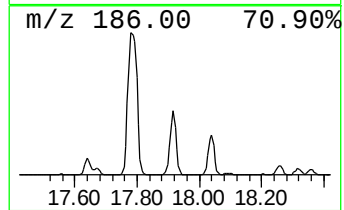
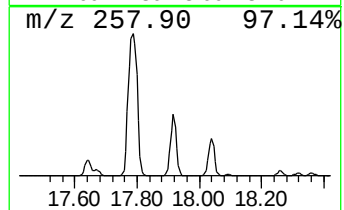
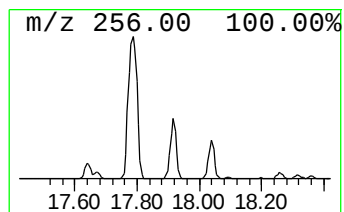
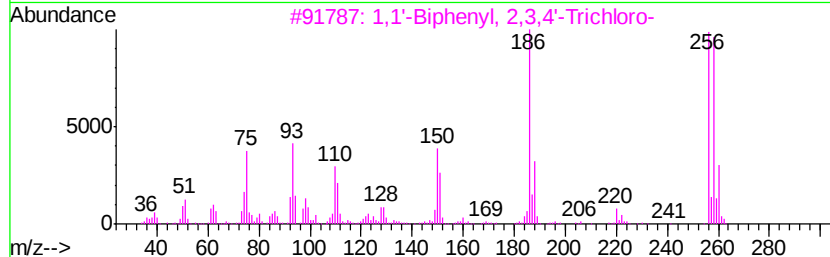
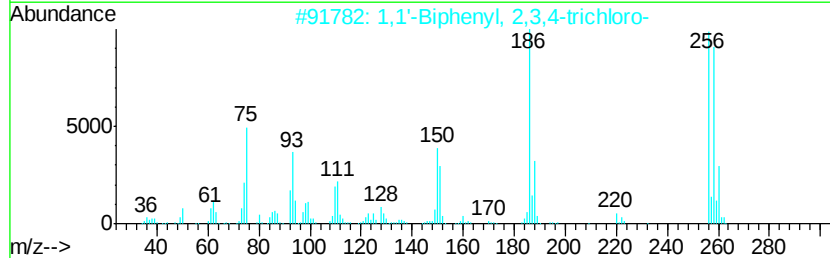
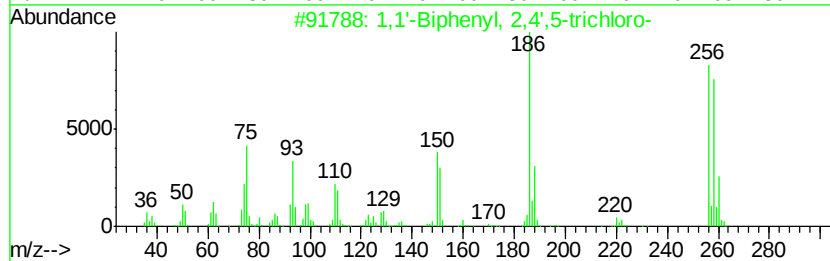
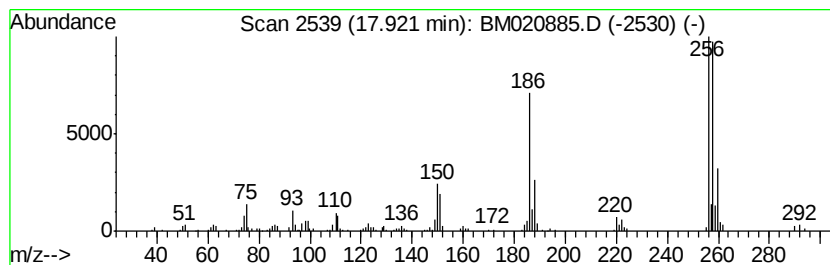
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 1,1'-Biphenyl, 2,3,4-trichl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	3.36 ng/ul	744072	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
2		1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	97
3		1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	97
4		1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	97
5		1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	97



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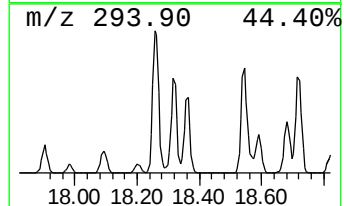
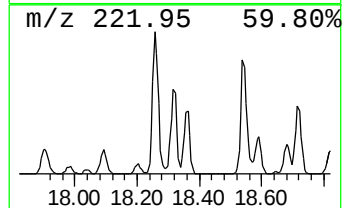
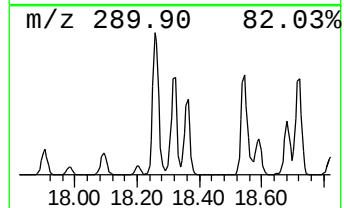
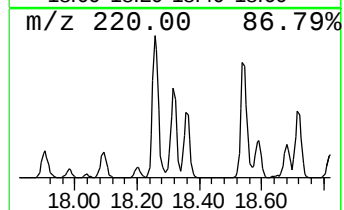
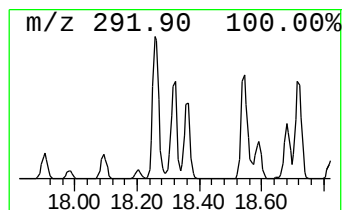
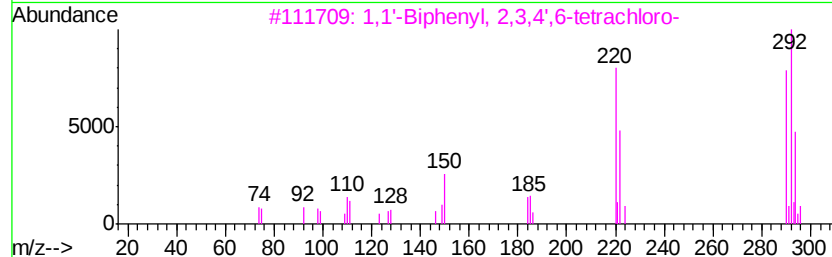
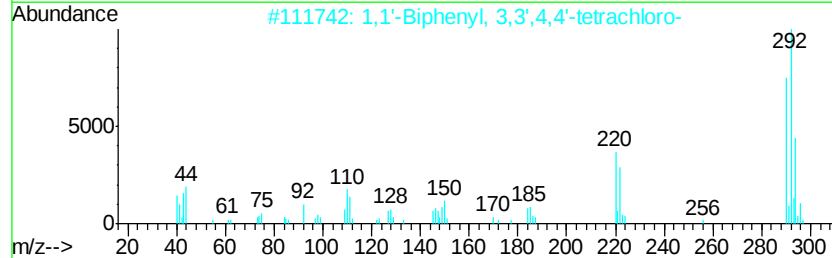
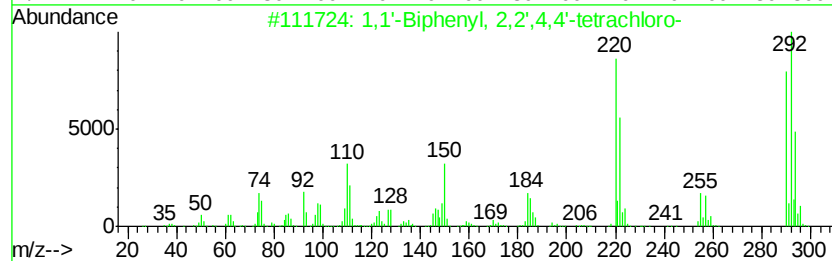
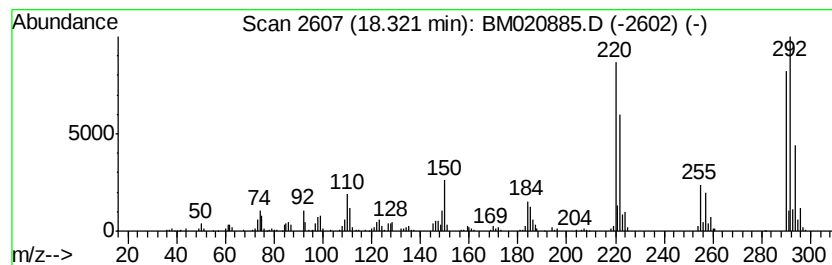
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.39 ng/ul	752137	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2		1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
3		1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4		1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
5		1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061119\
Data File : BM020885.D
Acq On : 11 Jun 2019 21:41
Operator : HP/JU
Sample : K3200-10
Misc : GCMS CONFIRMATION
ALS Vial : 21 Sample Multiplier: 1

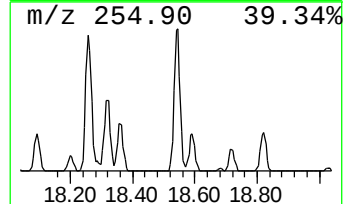
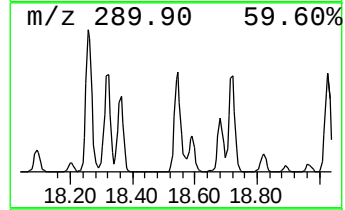
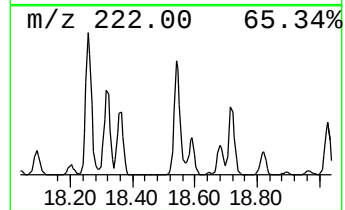
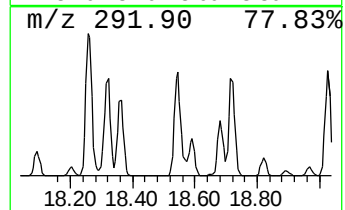
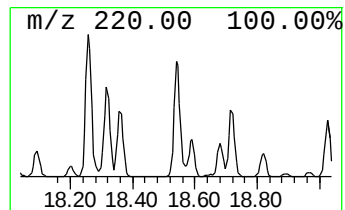
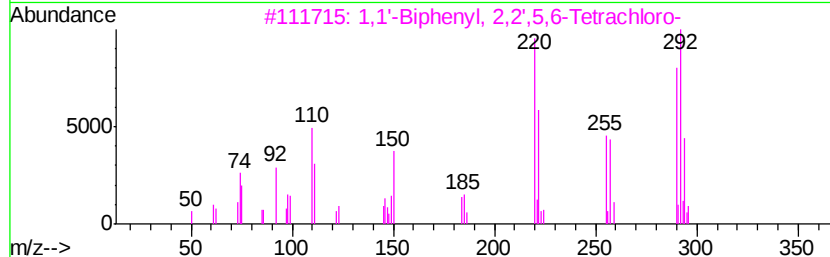
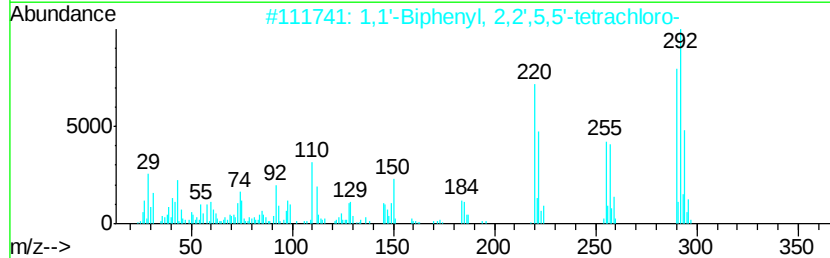
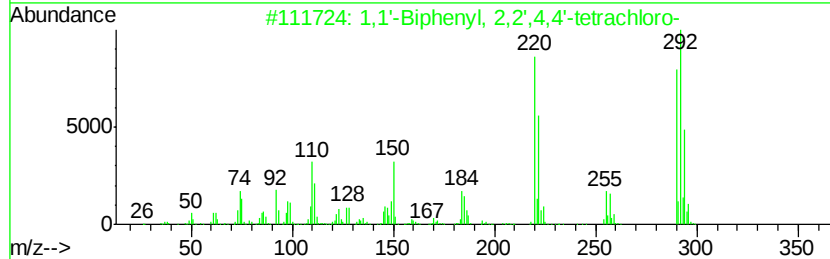
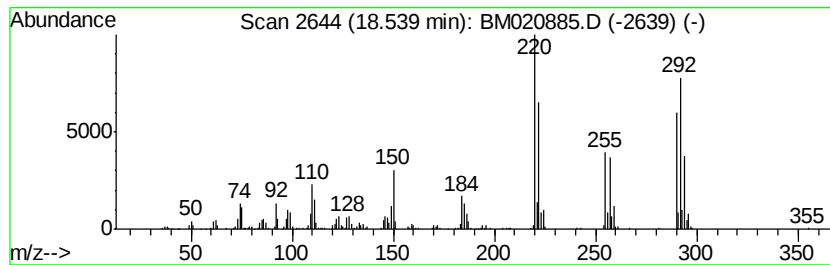
Instrument :
BNA_M
ClientSampleId :
ETND3

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 9 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.54	4.57 ng/ul	1012830	Phenanthrene-d10		17.19
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrachl...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',5,5'-tetrachl...	290	C12H6Cl4	035693-99-3	99
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
5	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061119\
Data File : BM020885.D
Acq On : 11 Jun 2019 21:41
Operator : HP/JU
Sample : K3200-10
Misc : GCMS CONFIRMATION
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETND3

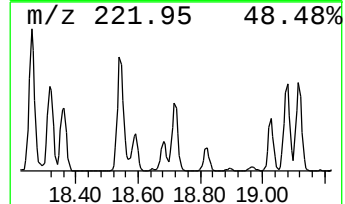
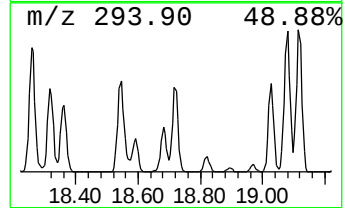
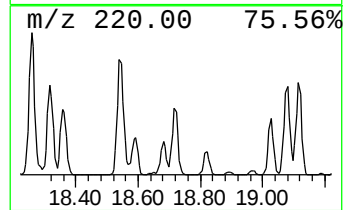
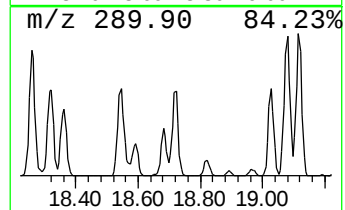
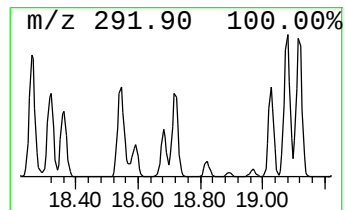
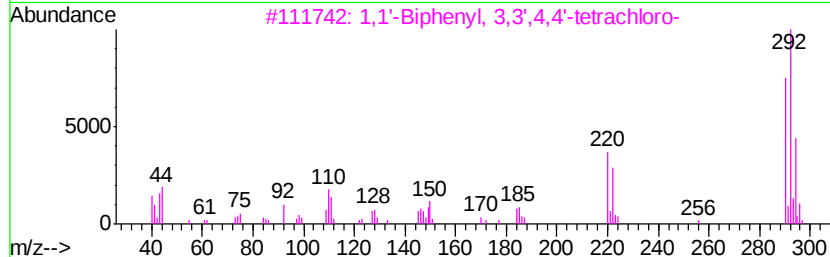
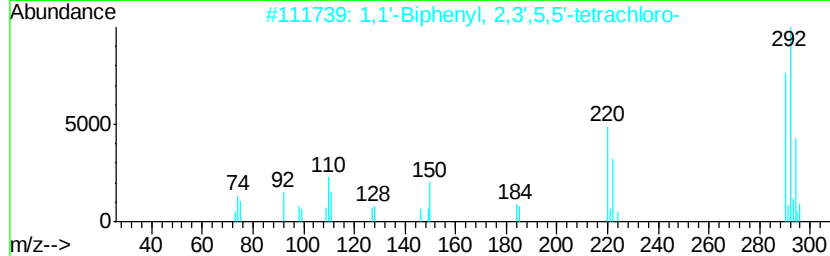
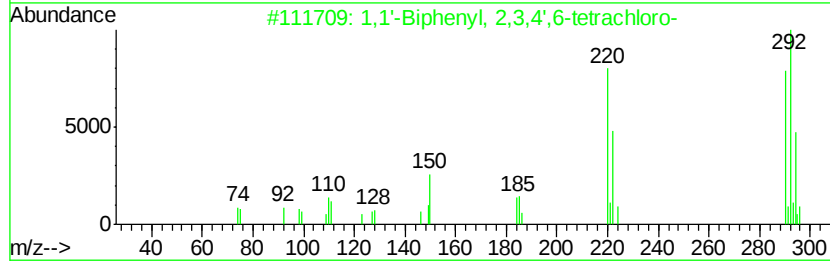
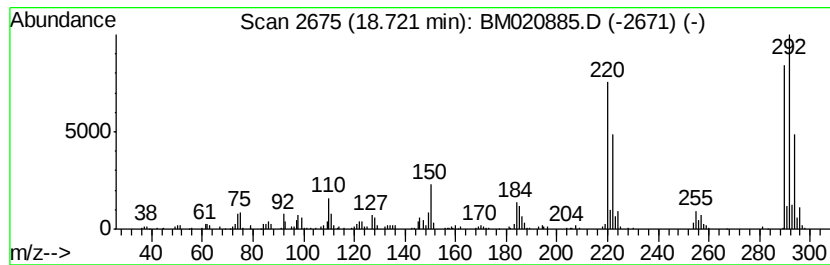
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.76 ng/ul	611010	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, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99		
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99		
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99		
5	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061119\
Data File : BM020885.D
Acq On : 11 Jun 2019 21:41
Operator : HP/JU
Sample : K3200-10
Misc : GCMS CONFIRMATION
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETND3

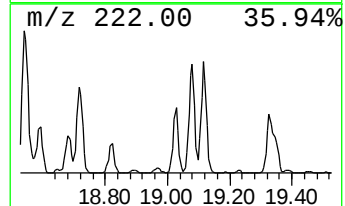
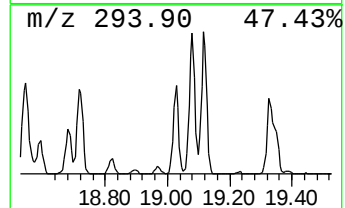
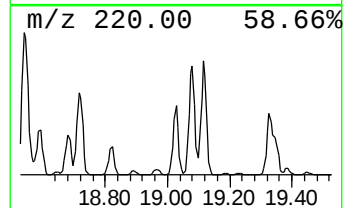
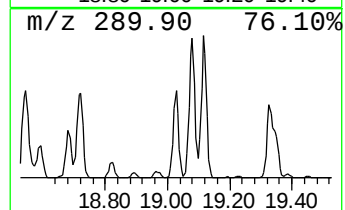
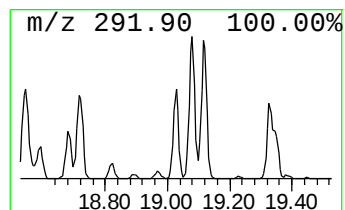
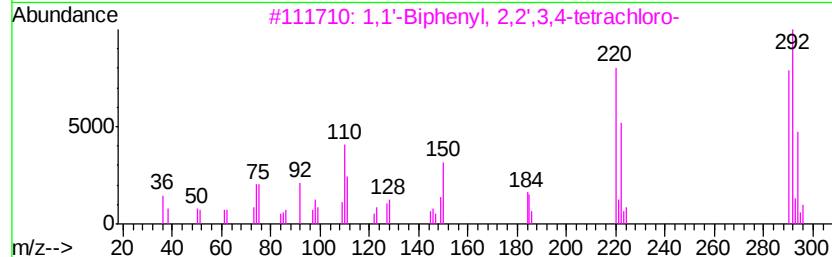
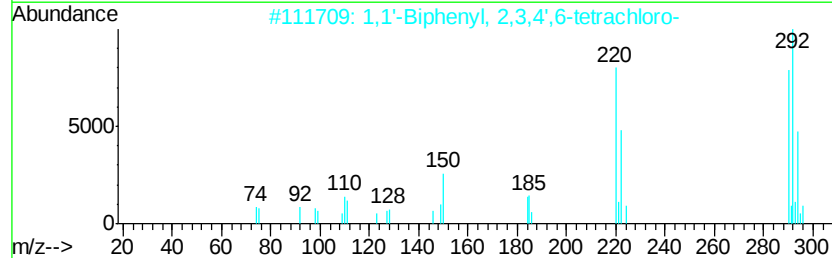
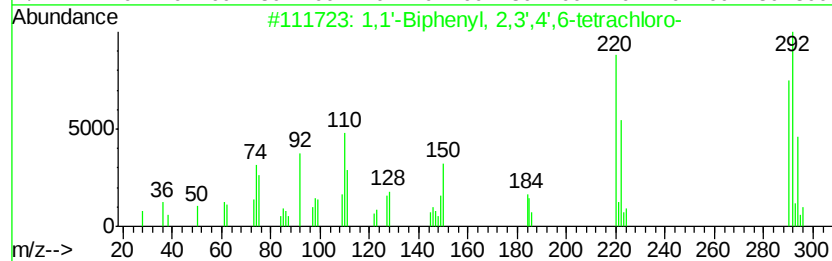
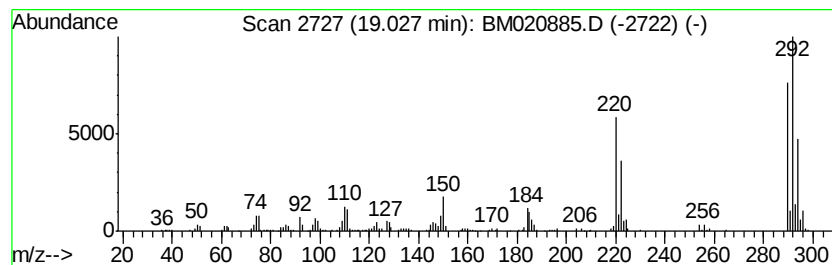
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,3',4',6-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	2.37 ng/ul	524896	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
2		1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3		1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
4		1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
5		1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061119\
Data File : BM020885.D
Acq On : 11 Jun 2019 21:41
Operator : HP/JU
Sample : K3200-10
Misc : GCMS CONFIRMATION
ALS Vial : 21 Sample Multiplier: 1

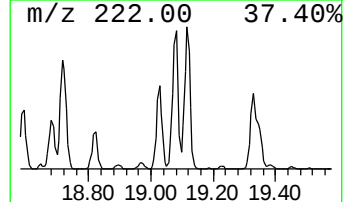
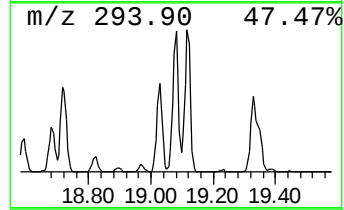
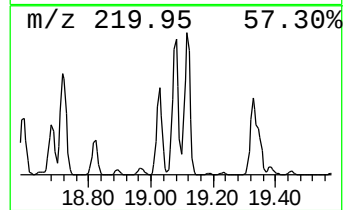
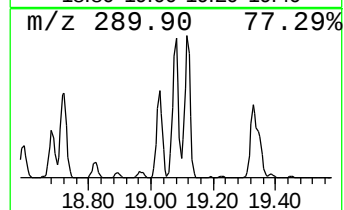
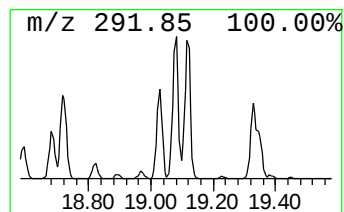
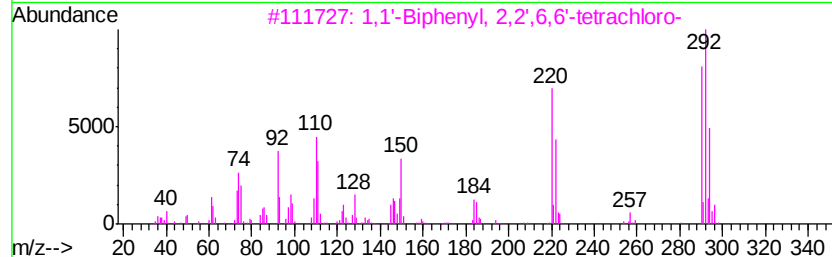
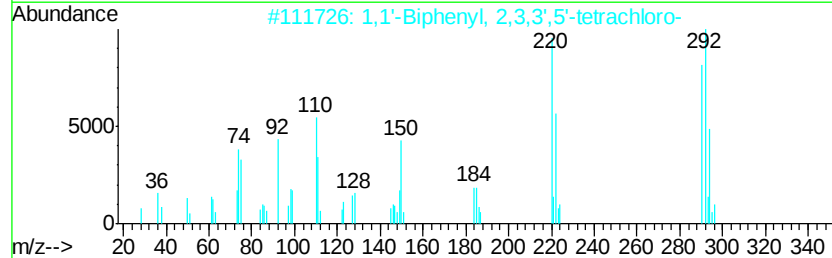
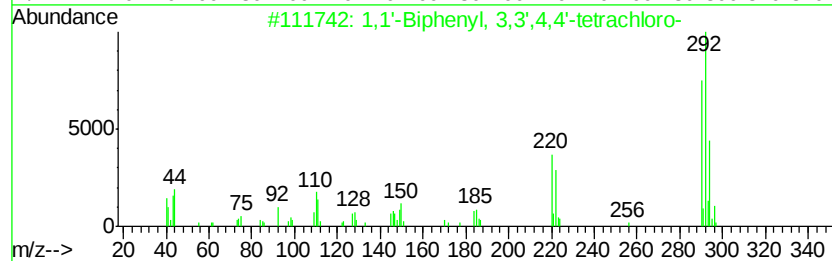
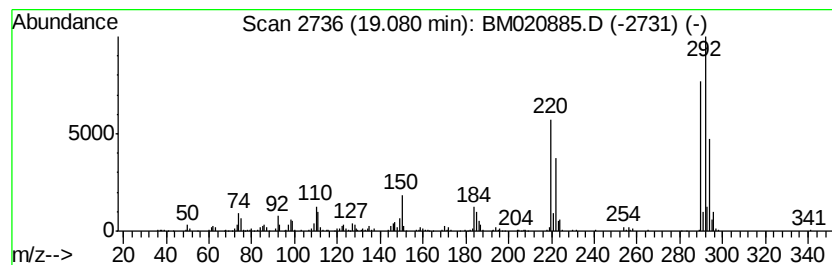
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.08	4.17 ng/ul	923114	Phenanthrene-d10	17.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	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 : BM020885.D
Acq On : 11 Jun 2019 21:41
Operator : HP/JU
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Misc : GCMS CONFIRMATION
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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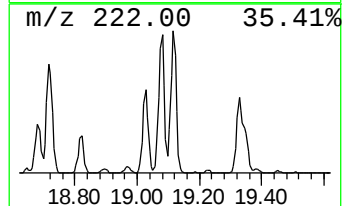
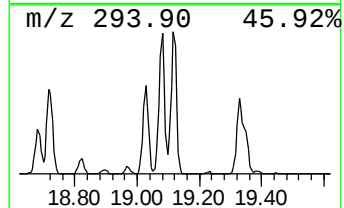
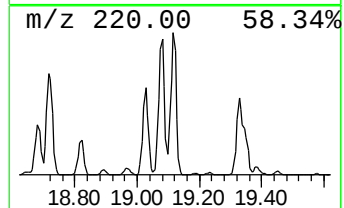
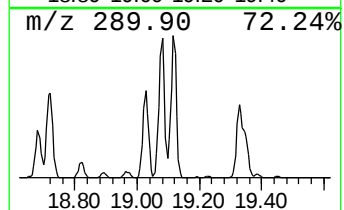
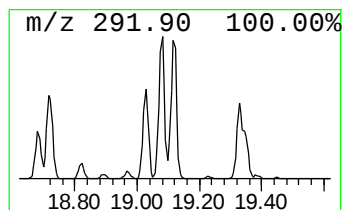
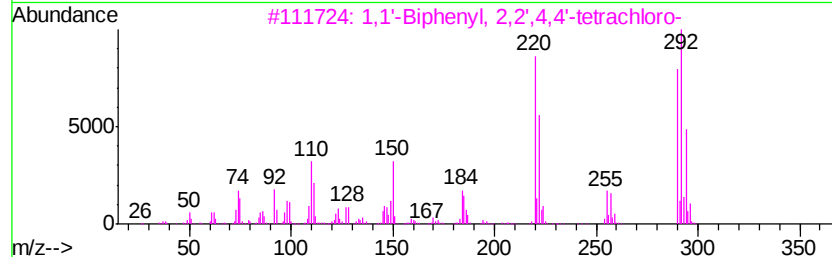
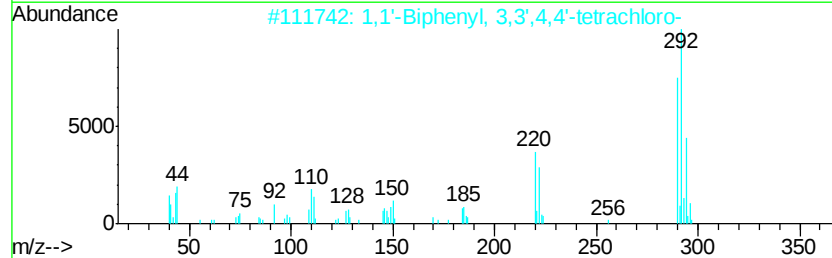
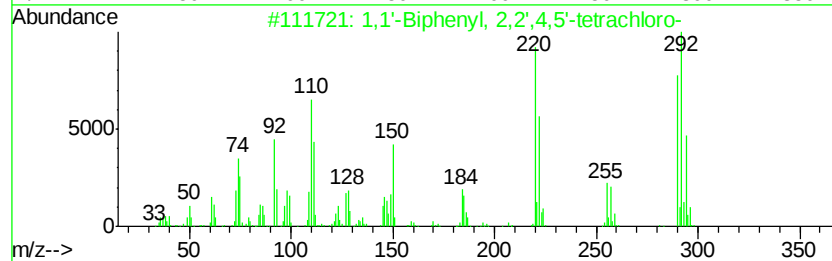
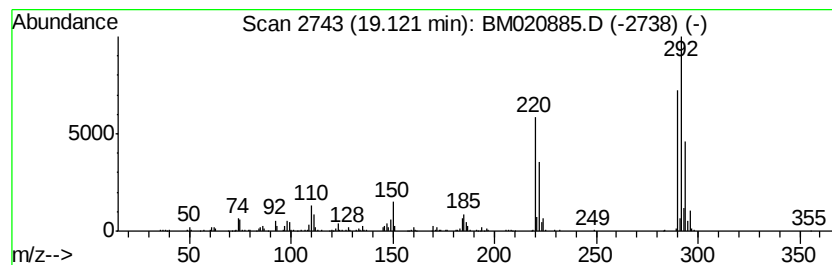
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	5.05 ng/ul	1120000	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
2		1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
3		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4		1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5		1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061119\
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Sample : K3200-10
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ALS Vial : 21 Sample Multiplier: 1

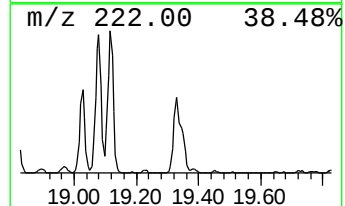
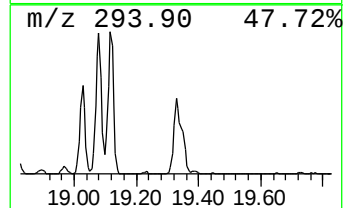
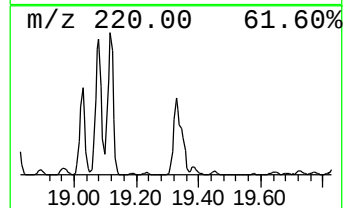
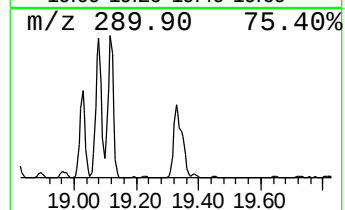
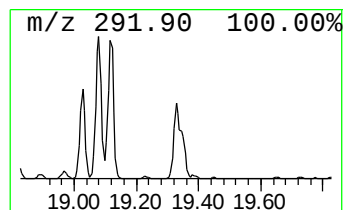
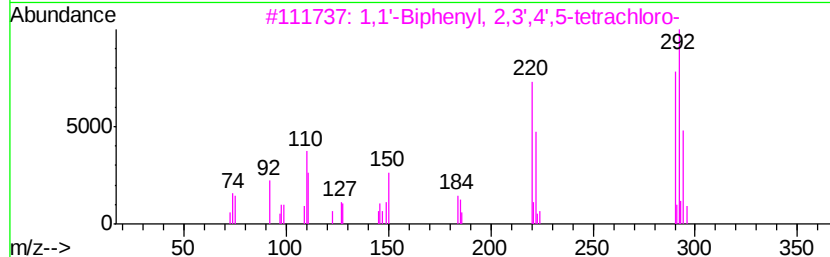
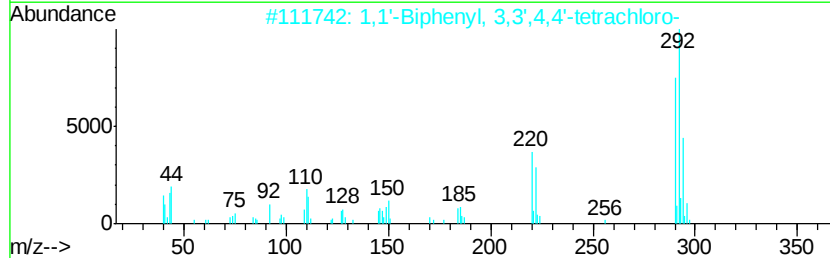
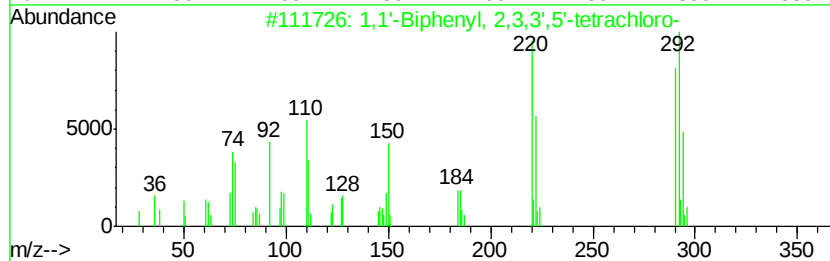
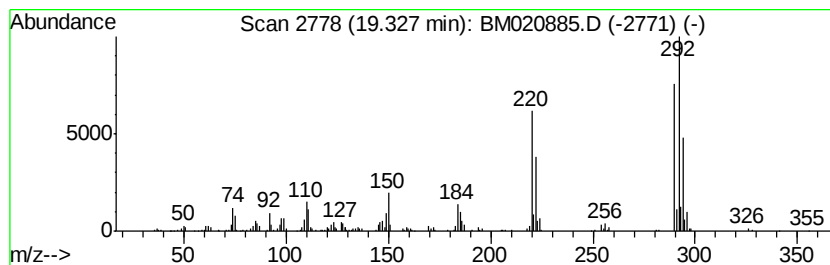
Instrument :
BNA_M
ClientSampleId :
ETND3

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 14 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.33	4.26 ng/ul	770961	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,	3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
3	1,1'-Biphenyl,	2,3',4',5'-tetrach...	290	C12H6Cl4	032598-11-1	99
4	1,1'-Biphenyl,	2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	1,1'-Biphenyl,	2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061119\
Data File : BM020885.D
Acq On : 11 Jun 2019 21:41
Operator : HP/JU
Sample : K3200-10
Misc : GCMS CONFIRMATION
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETND3

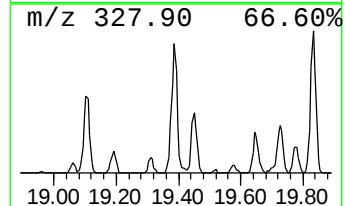
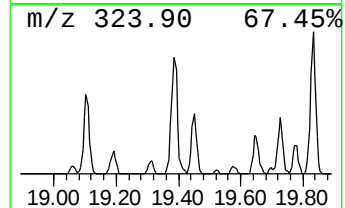
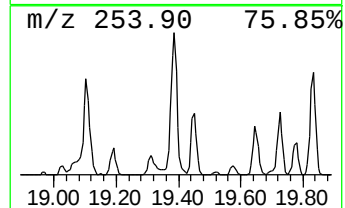
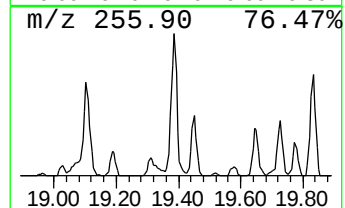
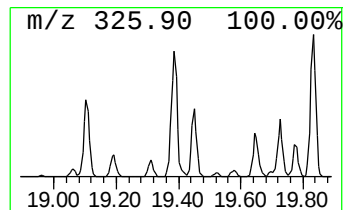
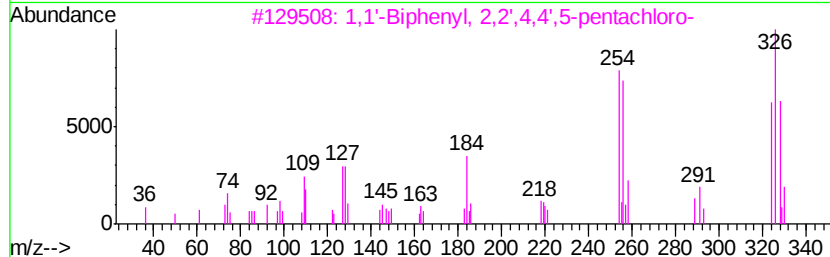
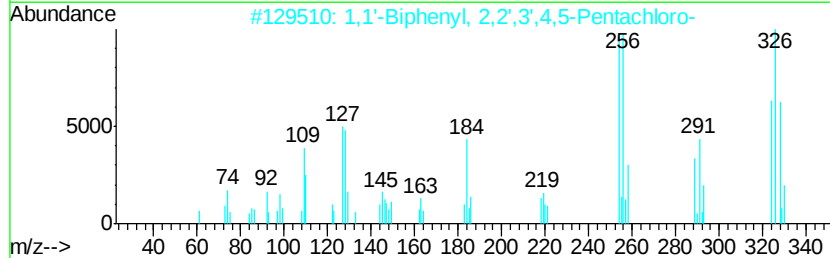
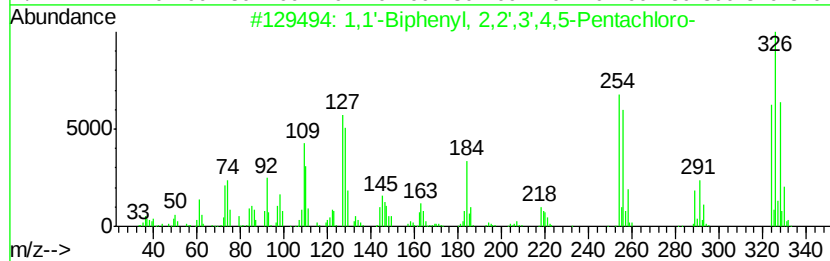
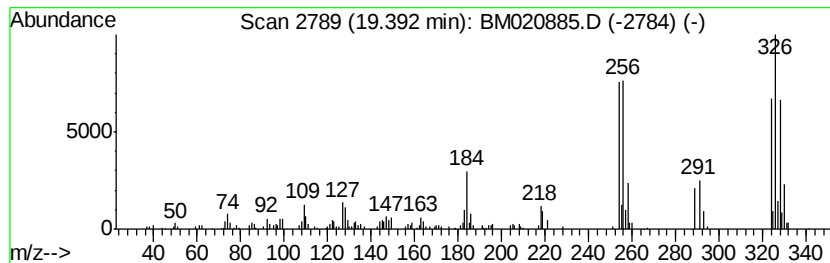
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	2.87 ng/ul	519216	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96
2		1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96
3		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
4		1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96
5		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061119\
Data File : BM020885.D
Acq On : 11 Jun 2019 21:41
Operator : HP/JU
Sample : K3200-10
Misc : GCMS CONFIRMATION
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETND3

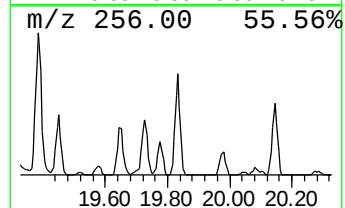
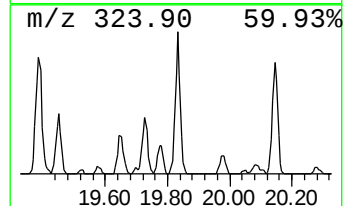
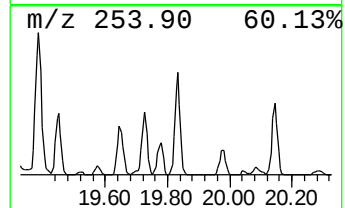
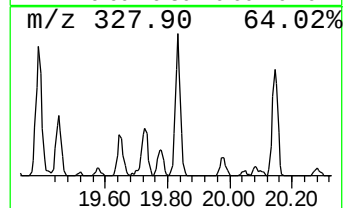
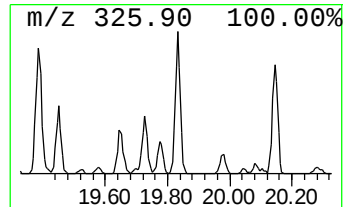
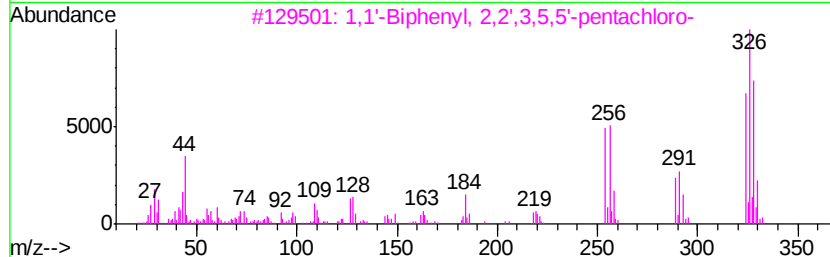
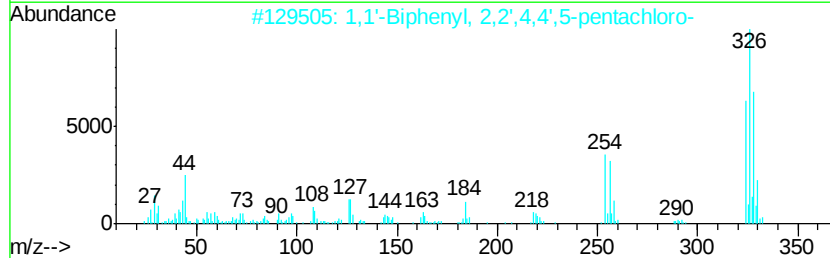
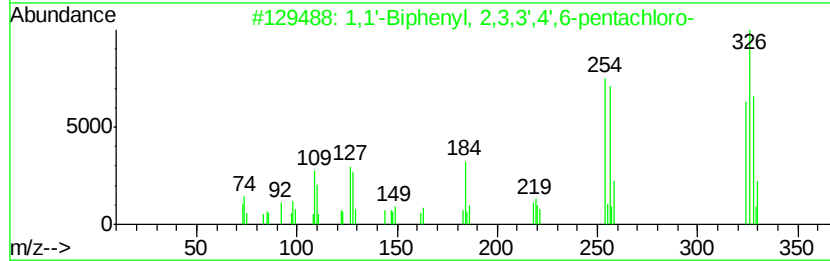
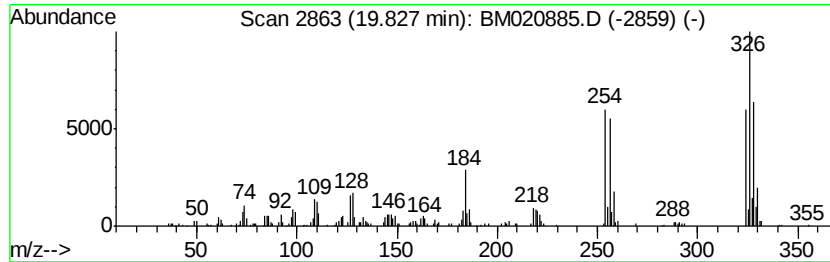
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.14 ng/ul	386835	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
3		1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
4		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
5		1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061119\
 Data File : BM020885.D
 Acq On : 11 Jun 2019 21:41
 Operator : HP/JU
 Sample : K3200-10
 Misc : GCMS CONFIRMATION
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETND3

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	6.0	ng/ul	633616	1	7.80	2123560	20.0
1,1'-Biphenyl, 2,...	17.07	4.2	ng/ul	918852	4	17.19	4432060	20.0
1,1'-Biphenyl, 2,...	17.36	2.7	ng/ul	606884	4	17.19	4432060	20.0
1,1'-Biphenyl, 2,...	17.92	3.4	ng/ul	744072	4	17.19	4432060	20.0
1,1'-Biphenyl, 2,...	18.32	3.4	ng/ul	752137	4	17.19	4432060	20.0
1,1'-Biphenyl, 2,...	18.54	4.6	ng/ul	1012830	4	17.19	4432060	20.0
1,1'-Biphenyl, 2,...	18.72	2.8	ng/ul	611010	4	17.19	4432060	20.0
1,1'-Biphenyl, 2,...	19.03	2.4	ng/ul	524896	4	17.19	4432060	20.0
1,1'-Biphenyl, 3,...	19.08	4.2	ng/ul	923114	4	17.19	4432060	20.0
1,1'-Biphenyl, 2,...	19.12	5.0	ng/ul	1120000	4	17.19	4432060	20.0
1,1'-Biphenyl, 2,...	19.33	4.3	ng/ul	770961	5	21.37	3621780	20.0
1,1'-Biphenyl, 2,...	19.39	2.9	ng/ul	519216	5	21.37	3621780	20.0
1,1'-Biphenyl, 2,...	19.83	2.1	ng/ul	386835	5	21.37	3621780	20.0