

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
 Data File : BM016181.D
 Acq On : 03 Aug 2018 15:54
 Operator : SJ/JU
 Sample : J4178-03DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB9DL

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.075	806	814	826	rVB	1974440	3184670	1.14%	0.424%
2	8.222	834	839	849	rVB	2270953	3639359	1.30%	0.484%
3	8.551	886	895	908	rBV	7730763	11765592	4.21%	1.565%
4	15.580	2085	2090	2096	rVV2	2799020	4273712	1.53%	0.568%
5	16.515	2244	2249	2254	rBV3	4700506	8354884	2.99%	1.111%
6	18.421	2570	2573	2576	rBV3	3173044	4345658	1.56%	0.578%
7	18.545	2591	2594	2598	rBV2	3054844	3885696	1.39%	0.517%
8	19.051	2677	2680	2684	rVB	5758014	6164759	2.21%	0.820%
9	19.656	2779	2783	2789	rVB4	2970443	4714271	1.69%	0.627%
10	19.815	2806	2810	2815	rBV	5701167	7137789	2.56%	0.949%
11	19.933	2827	2830	2842	rVB	3196612	6212307	2.22%	0.826%
12	20.039	2843	2848	2859	rVB	8270087	13715726	4.91%	1.824%
13	20.168	2860	2870	2872	rBV3	51812406	133105122	47.66%	17.702%
14	20.368	2896	2904	2917	rVB	4292216	13008408	4.66%	1.730%
15	20.592	2931	2942	2951	rBV3	51162393	221223150	79.20%	29.421%
16	20.774	2969	2973	2991	rBV	6505889	17214063	6.16%	2.289%
17	20.997	3002	3011	3023	rBV3	51311716	279304778	100.00%	37.146%
18	22.180	3206	3212	3217	rVB	8651905	10662812	3.82%	1.418%

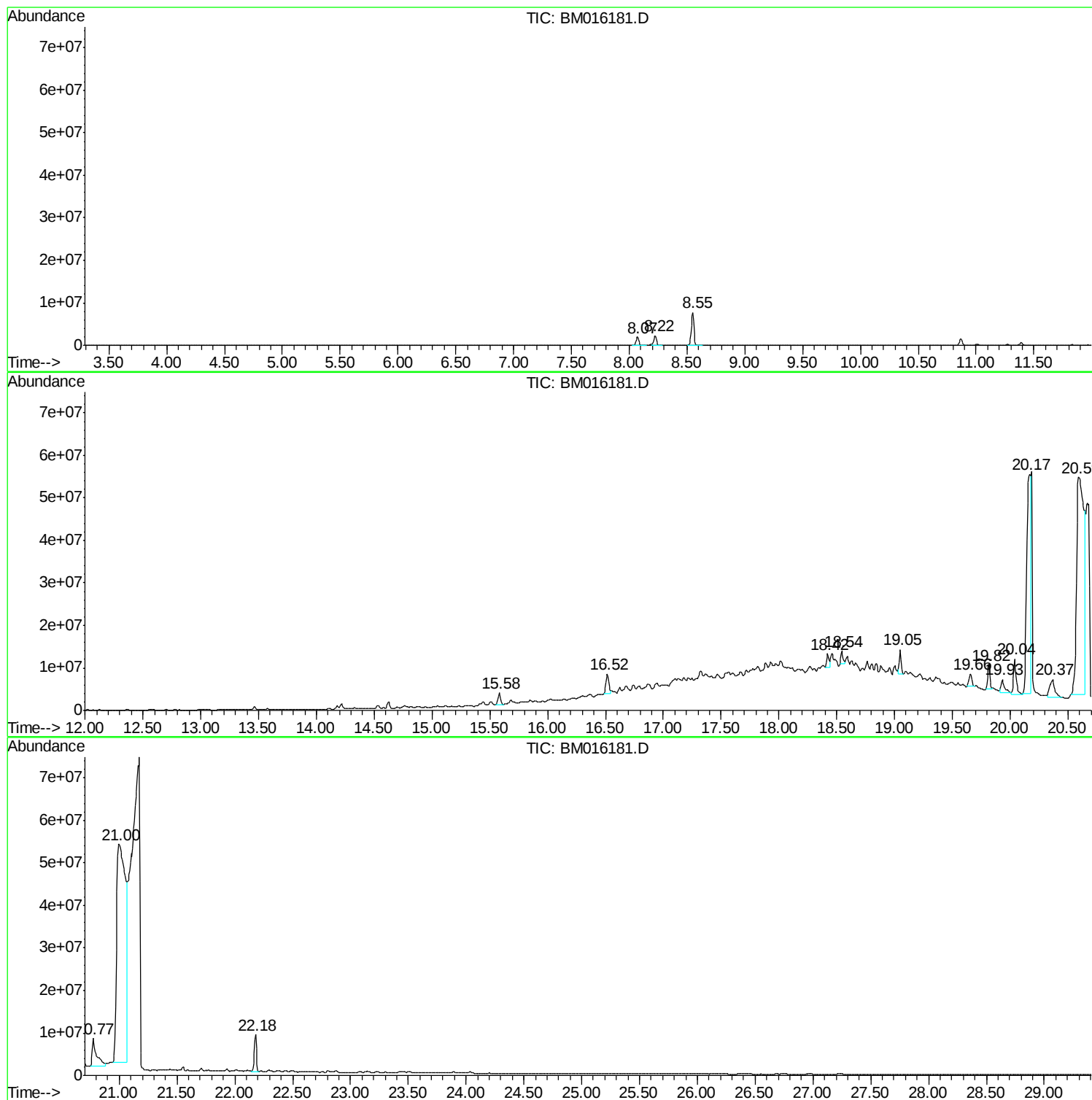
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



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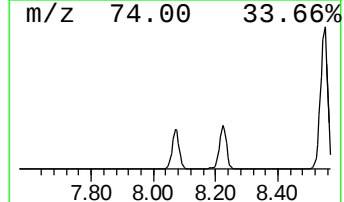
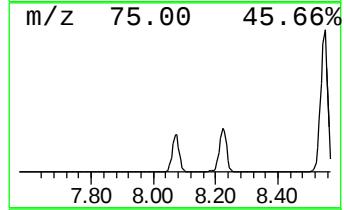
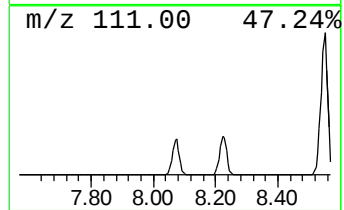
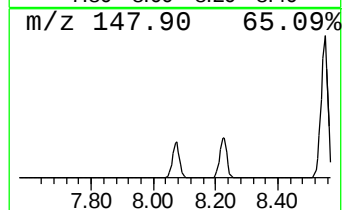
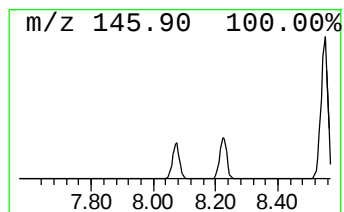
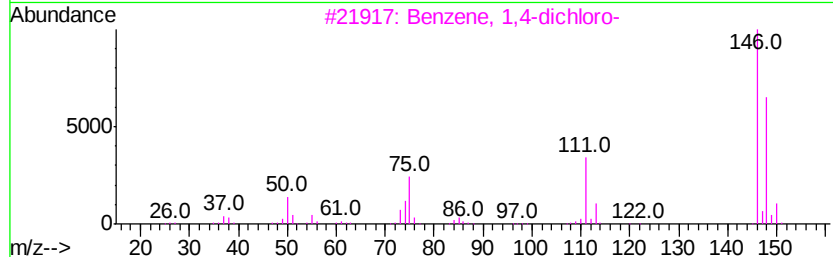
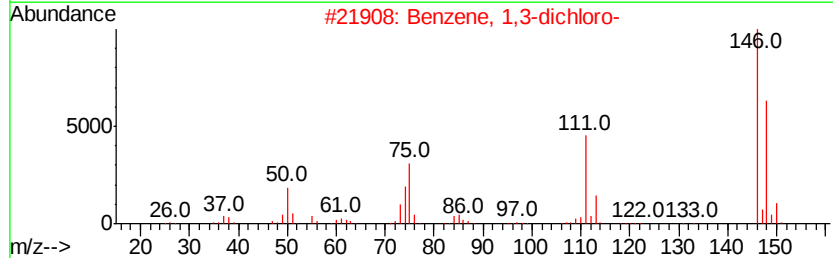
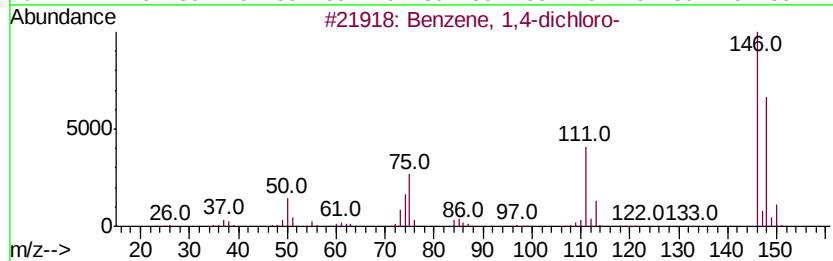
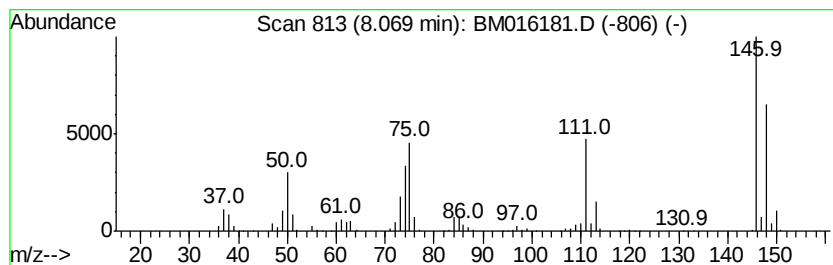
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1,4-dichloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	17.50 ng/ul	3184670	1,4-Dichlorobenzene-d4	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
2		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
3		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	95
4		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	95
5		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	95



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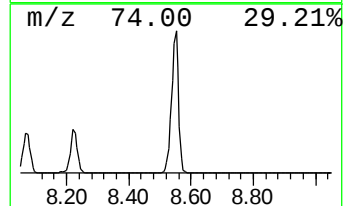
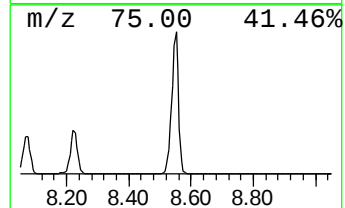
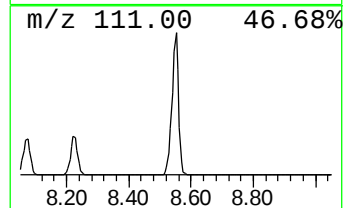
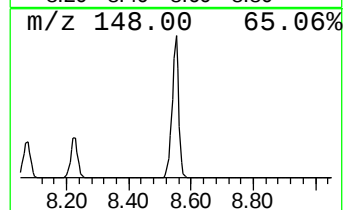
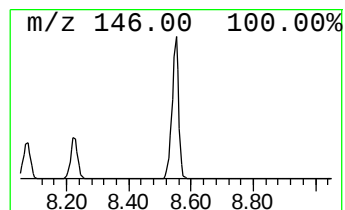
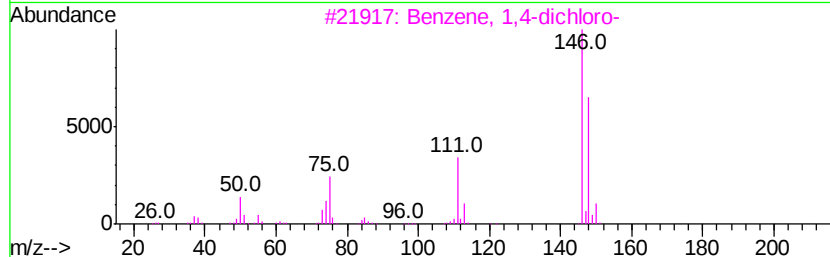
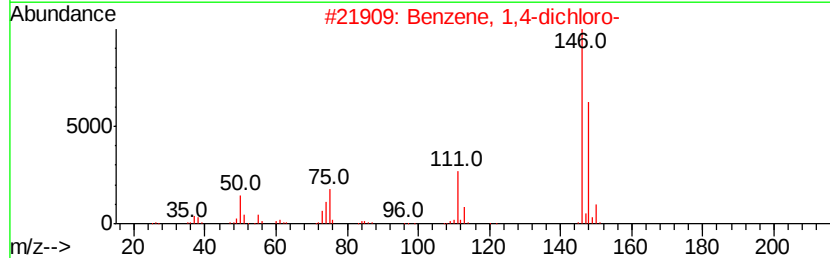
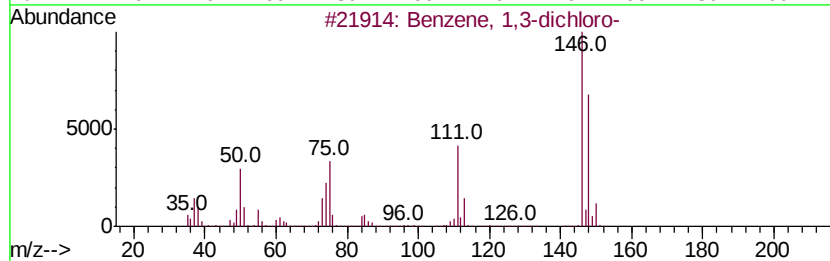
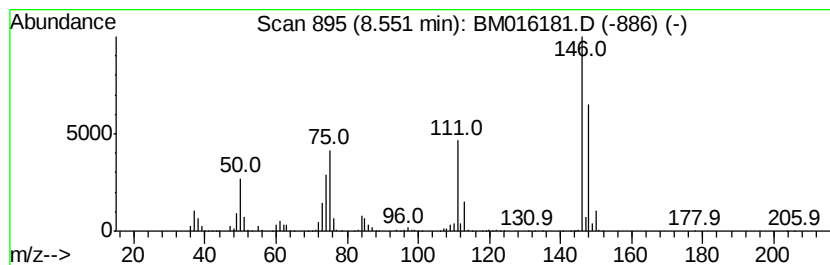
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Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	64.66 ng/ul	11765600	1,4-Dichlorobenzene-d4	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
2		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
3		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96



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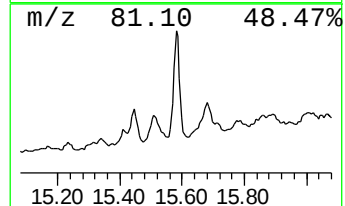
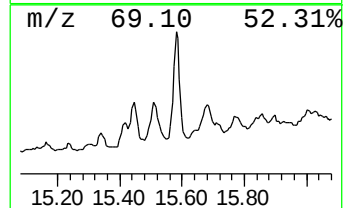
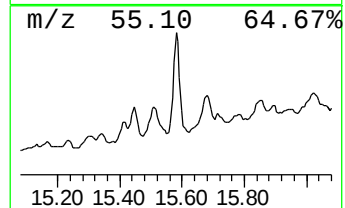
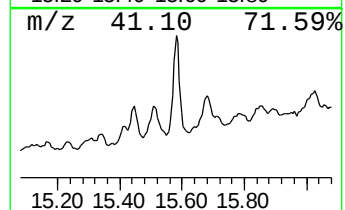
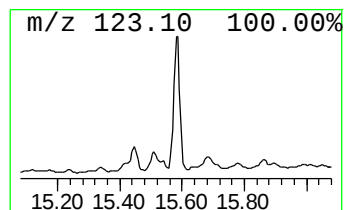
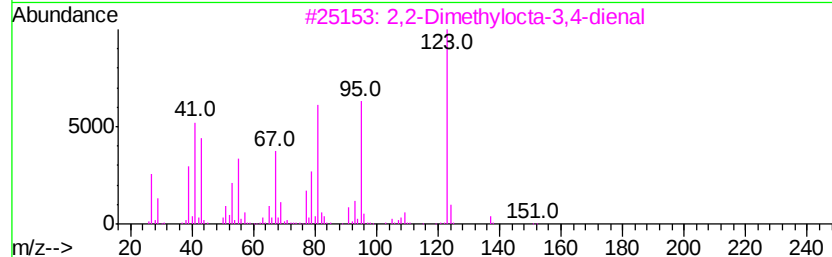
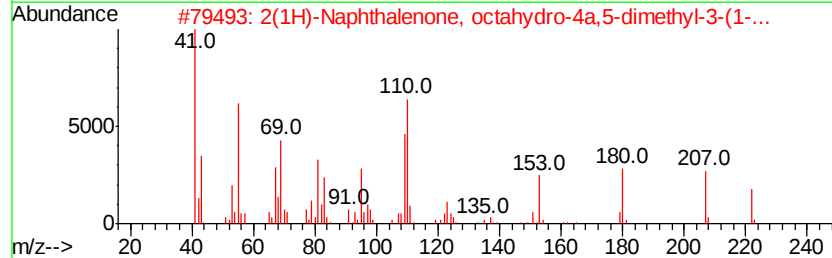
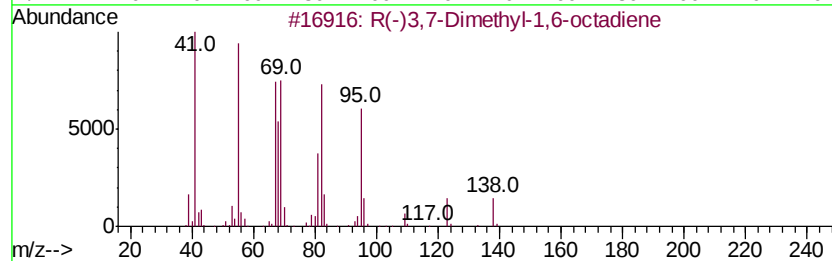
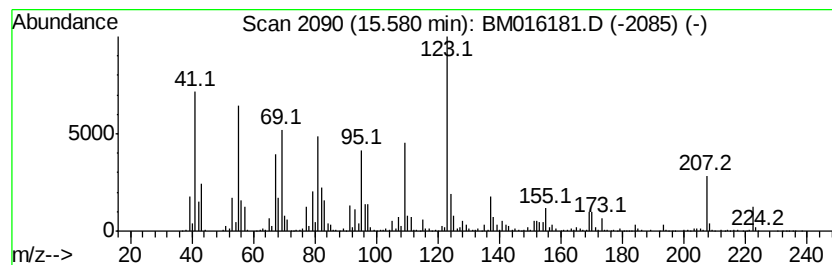
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Peak Number 3 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	20.00 ng/ul	4273710	Acenaphthene-d10	14.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		R(-)3,7-Dimethyl-1,6-octadiene	138 C10H18	010281-56-8 44
2		2(1H)-Naphthalenone, octahydro-4...	222 C15H26O	055332-04-2 38
3		2,2-Dimethylocta-3,4-dienal	152 C10H16O	000590-71-6 38
4		Phorone	138 C9H14O	000504-20-1 35
5		Pentanamide, N-(4-methoxyphenyl)-	207 C12H17NO2	1000306-89-3 30



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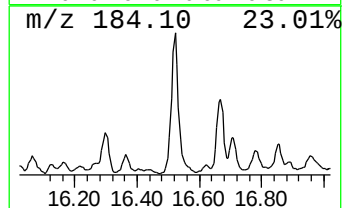
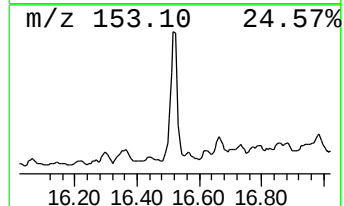
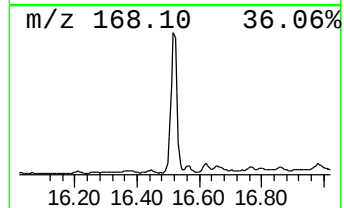
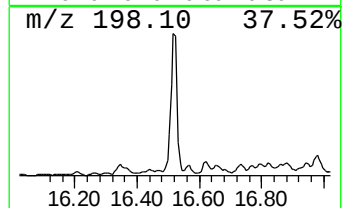
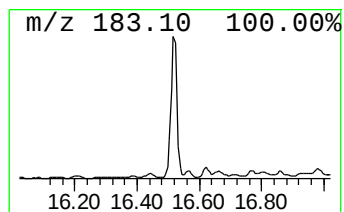
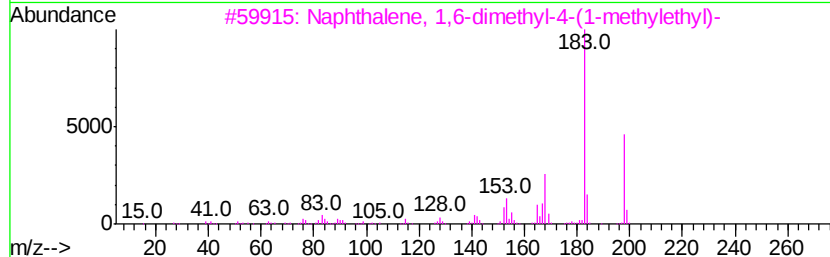
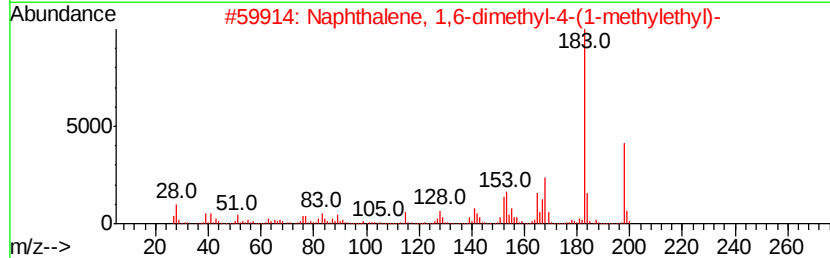
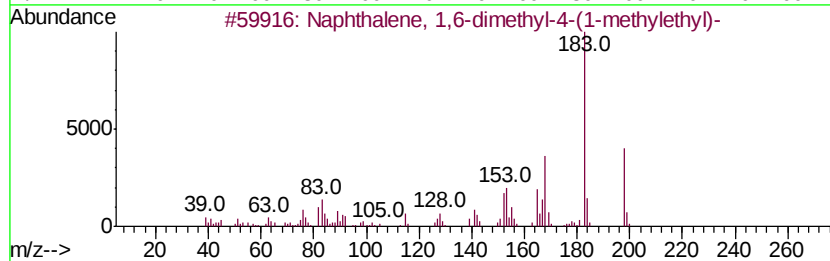
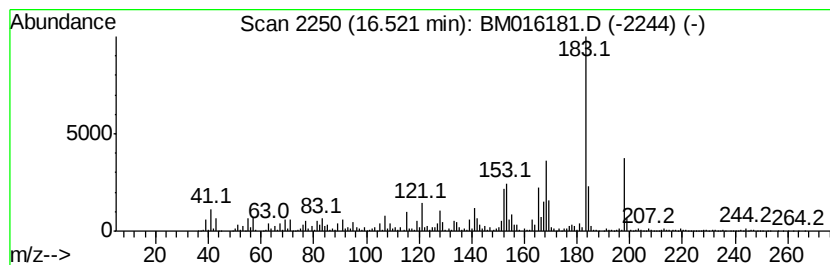
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Peak Number 4 Naphthalene, 1,6-dimethyl-4... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	38.45 ng/ul	8354880	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	99
2		Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	95
3		Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	94
4		Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	94
5		Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	94



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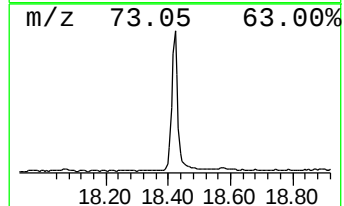
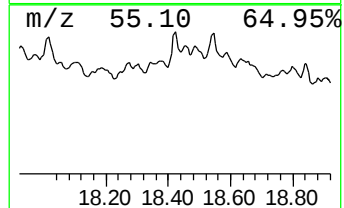
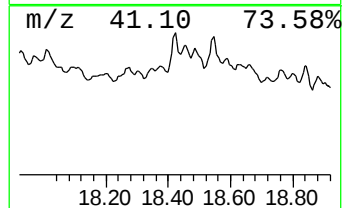
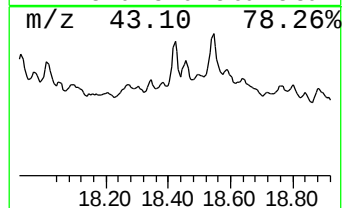
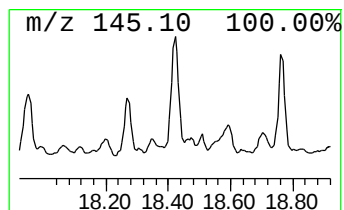
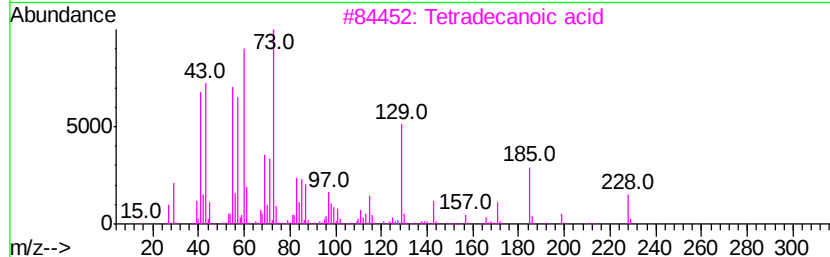
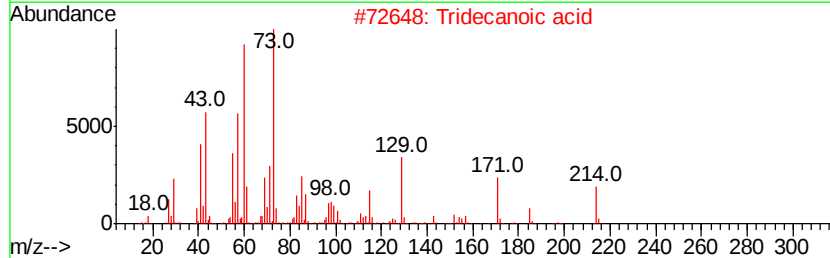
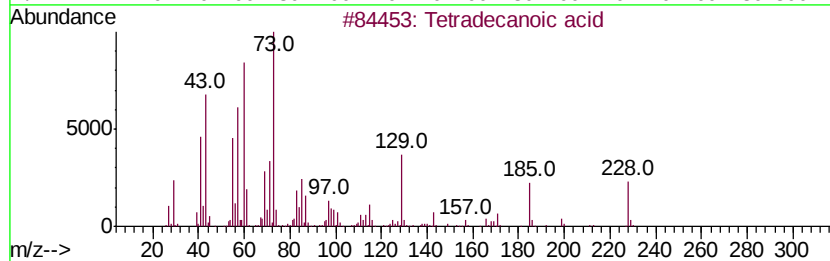
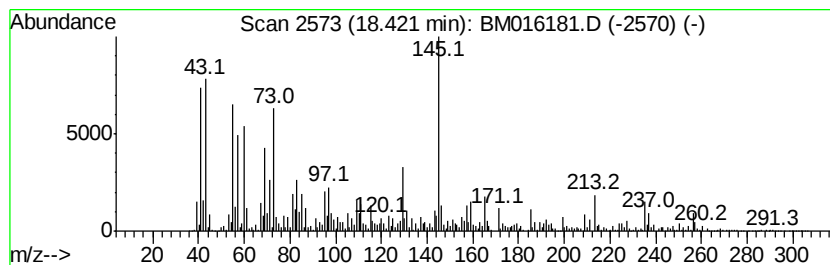
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Peak Number 5 Tetradecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	20.00 ng/ul	4345660	Phenanthrene-d10	17.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
2		Tridecanoic acid	214	C13H26O2	000638-53-9	74
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	38
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
5		Tridecanoic acid	214	C13H26O2	000638-53-9	38



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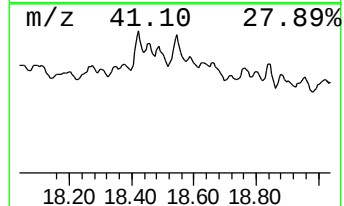
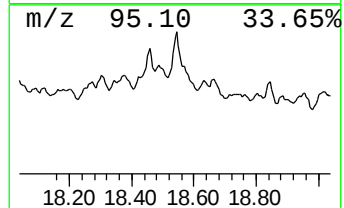
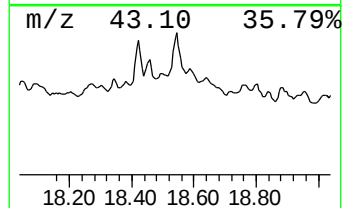
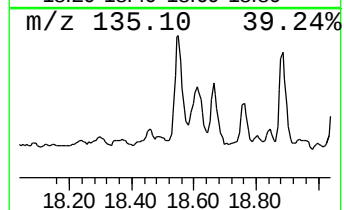
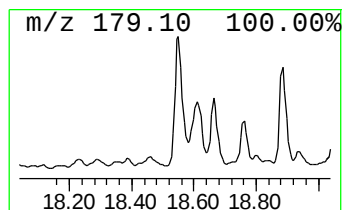
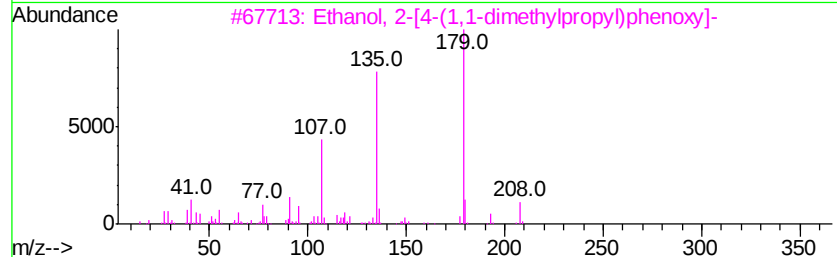
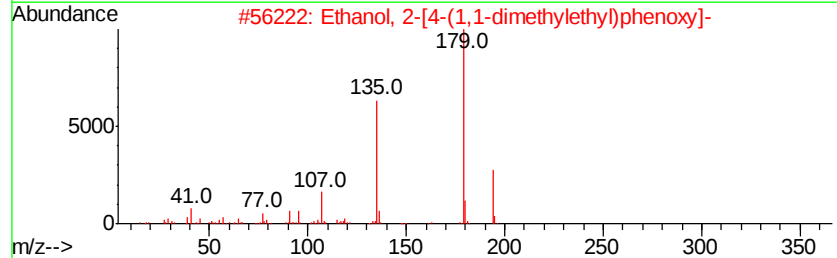
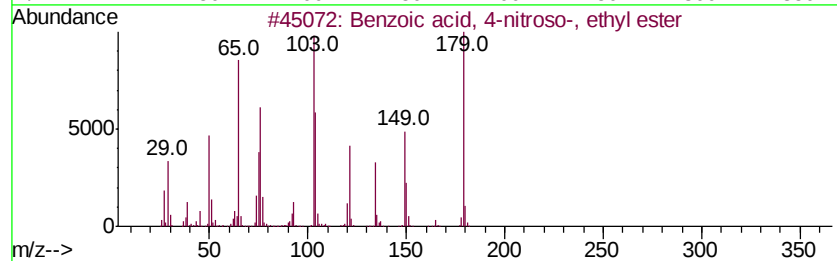
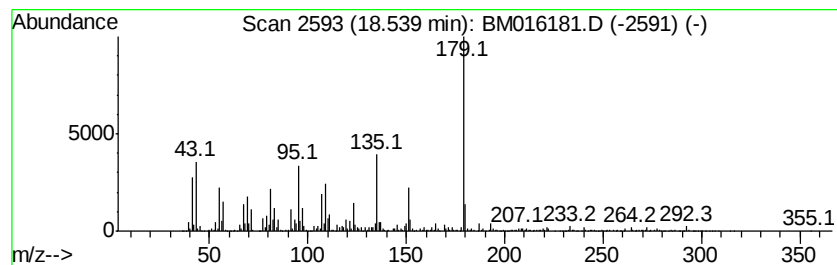
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzoic acid, 4-nitroso-, e... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	17.88 ng/ul	3885700	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	86
2		Ethanol, 2-[4-(1,1-dimethylethyl)...	194	C12H18O2	000713-46-2	59
3		Ethanol, 2-[4-(1,1-dimethylpropyl)...	208	C13H20O2	006382-07-6	45
4		4,7(1H,8H)-Pteridinedione, 2-amino-	179	C6H5N5O2	000529-69-1	43
5		Cyclopropane, 1-heptanoyl-3-meth...	236	C16H28O	1000157-26-0	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016181.D
Acq On : 03 Aug 2018 15:54
Operator : SJ/JU
Sample : J4178-03DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

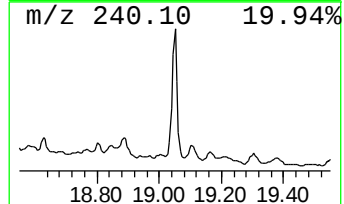
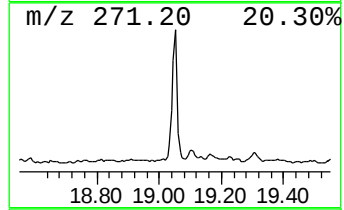
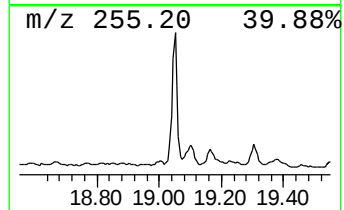
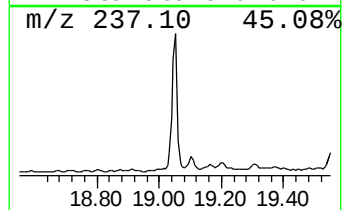
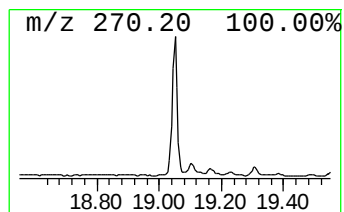
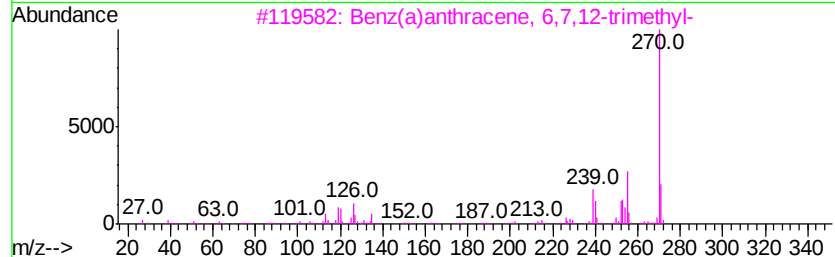
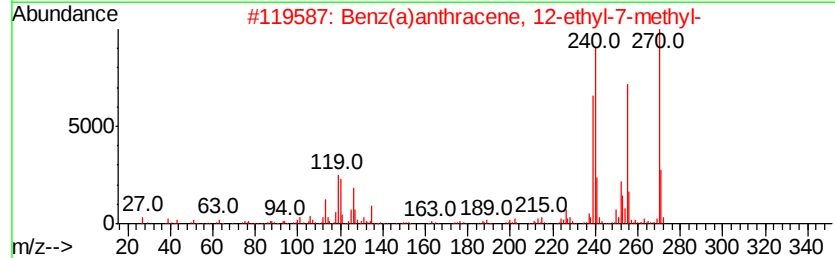
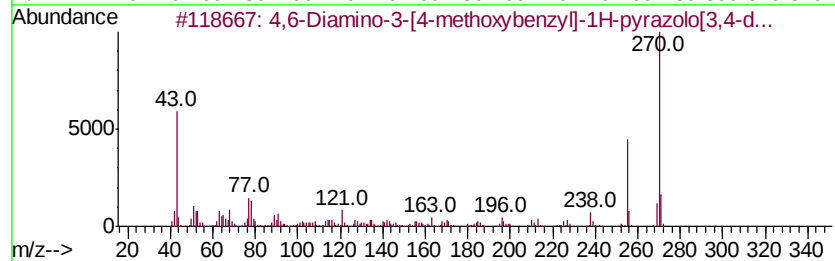
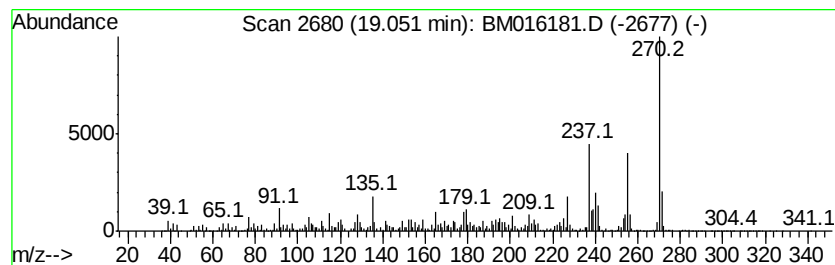
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 4,6-Diamino-3-[4-methoxyben... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.05	28.37 ng/ul	6164760	Phenanthrene-d10	17.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6-Diamino-3-[4-methoxybenzyl]-...	270	C13H14N6O	058791-73-4	89	
2	Benz(a)anthracene, 12-ethyl-7-me...	270	C21H18	016354-55-5	70	
3	Benz(a)anthracene, 6,7,12-trimet...	270	C21H18	020627-33-2	58	
4	7-Methyl-4-azafluorenone, phenyl...	270	C19H14N2	1000216-54-1	52	
5	9-Benzylidenexanthene	270	C20H14O	027980-52-5	49	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016181.D
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Operator : SJ/JU
Sample : J4178-03DL 2X
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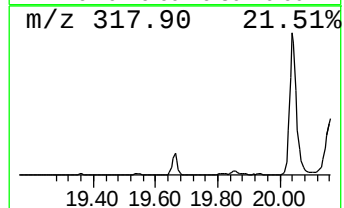
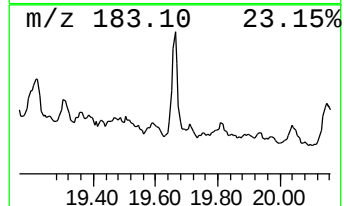
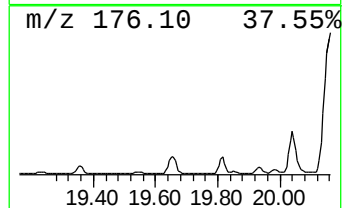
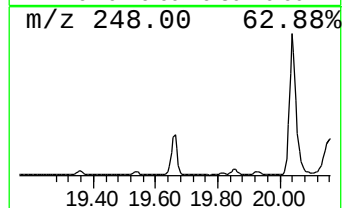
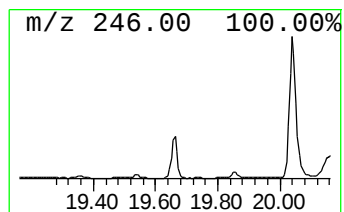
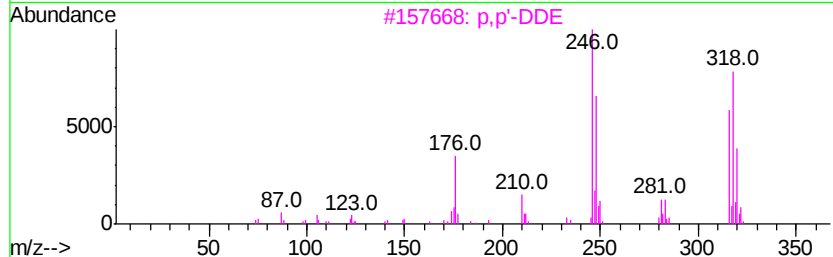
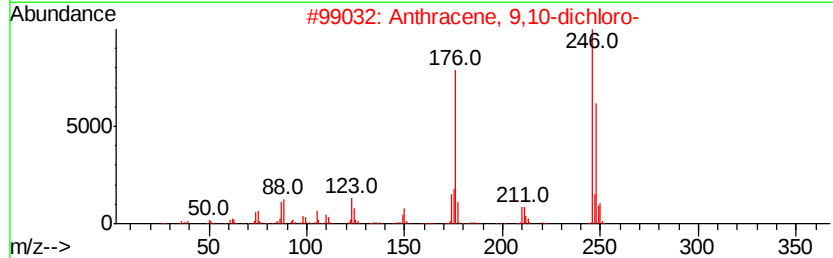
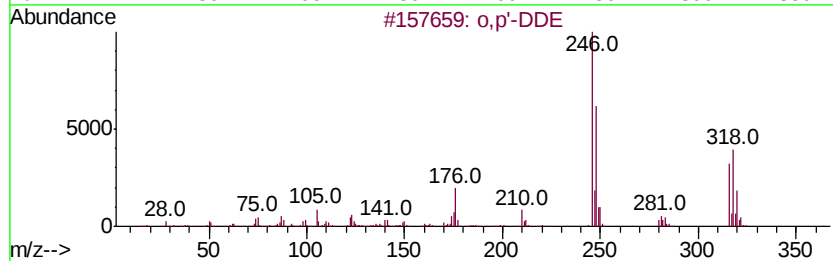
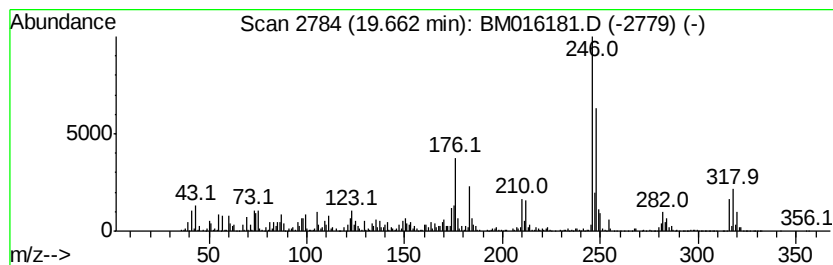
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 o,p'-DDE Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	8.84 ng/ul	4714270	Chrysene-d12	21.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o,p'-DDE	316 C14H8Cl4	003424-82-6 98
2		Anthracene, 9,10-dichloro-	246 C14H8Cl2	000605-48-1 95
3		p,p'-DDE	316 C14H8Cl4	000072-55-9 94
4		p,p'-DDE	316 C14H8Cl4	000072-55-9 93
5		o,p'-DDE	316 C14H8Cl4	003424-82-6 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016181.D
Acq On : 03 Aug 2018 15:54
Operator : SJ/JU
Sample : J4178-03DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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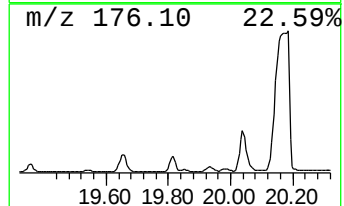
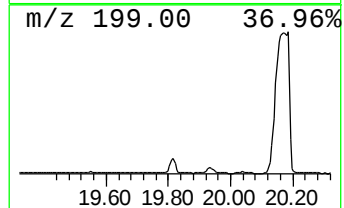
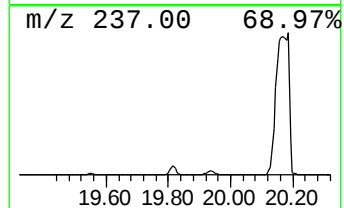
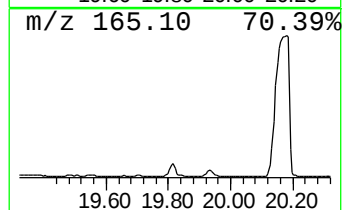
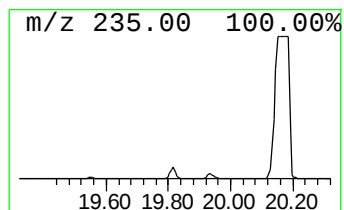
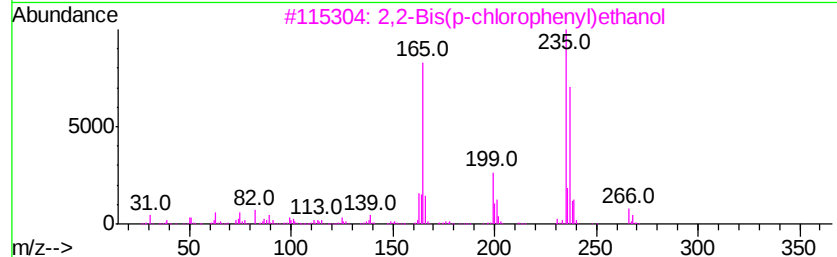
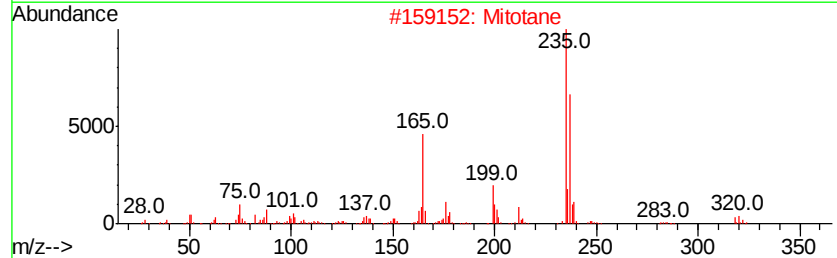
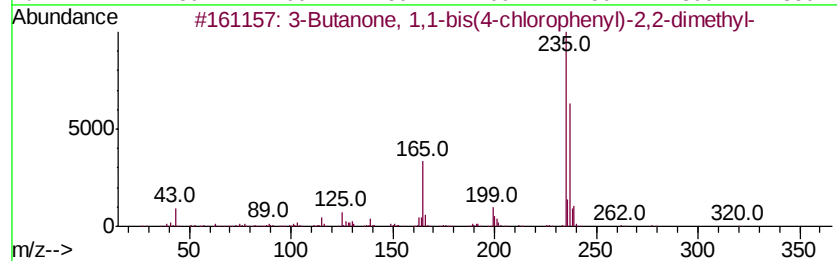
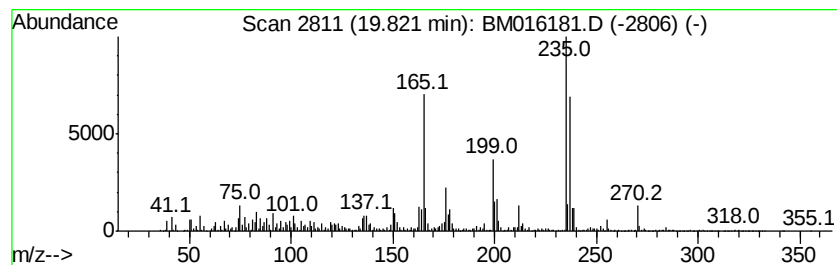
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 3-Butanone, 1,1-bis(4-chlor... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	13.39 ng/ul	7137790	Chrysene-d12	21.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	92
2		Mitotane	318	C14H10Cl4	000053-19-0	91
3		2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	87
4		Mitotane	318	C14H10Cl4	000053-19-0	87
5		m,p'-DDD	318	C14H10Cl4	004329-12-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016181.D
Acq On : 03 Aug 2018 15:54
Operator : SJ/JU
Sample : J4178-03DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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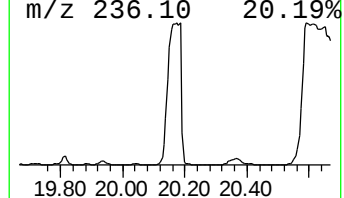
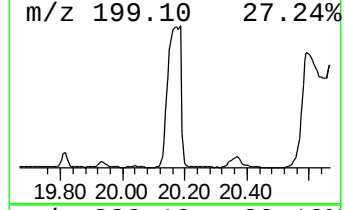
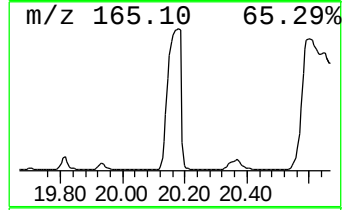
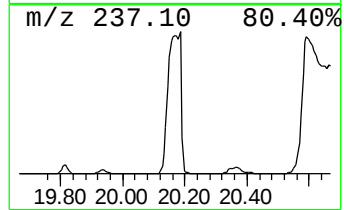
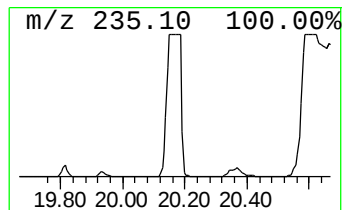
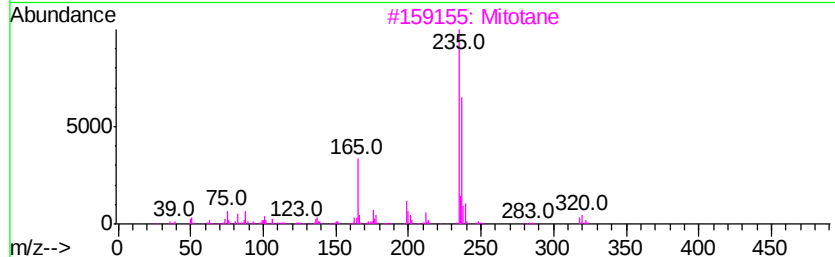
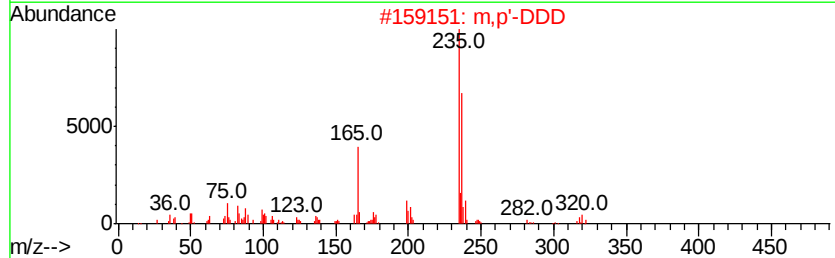
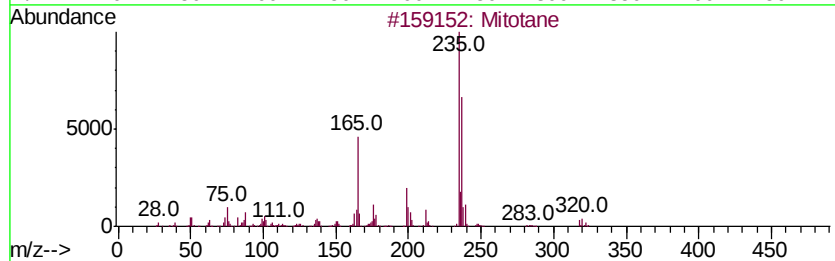
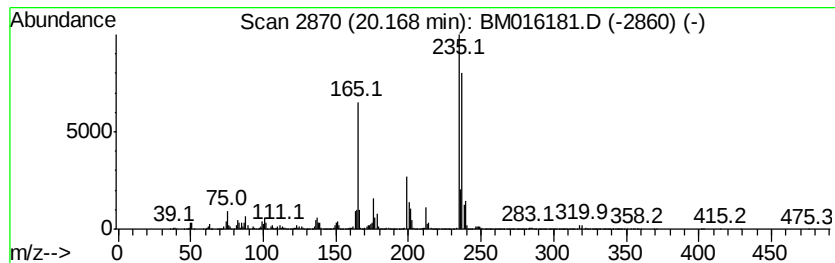
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Mitotane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	249.66 ng/ul	133105000	Chrysene-d12	21.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mitotane	318	C14H10Cl4	000053-19-0	98
2		m,p'-DDD	318	C14H10Cl4	004329-12-8	98
3		Mitotane	318	C14H10Cl4	000053-19-0	97
4		Mitotane	318	C14H10Cl4	000053-19-0	93
5		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016181.D
Acq On : 03 Aug 2018 15:54
Operator : SJ/JU
Sample : J4178-03DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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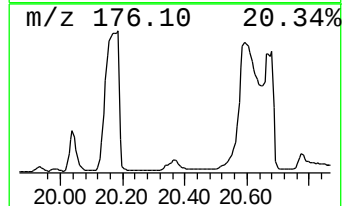
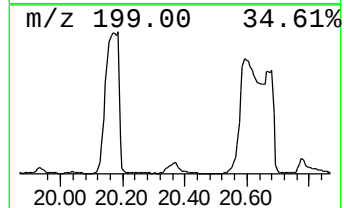
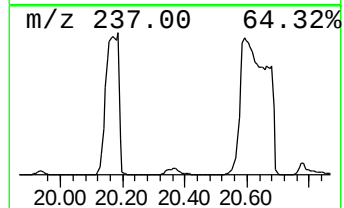
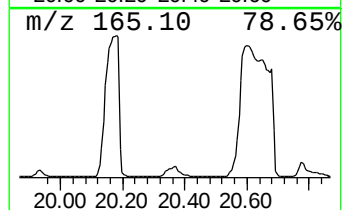
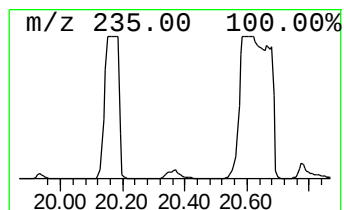
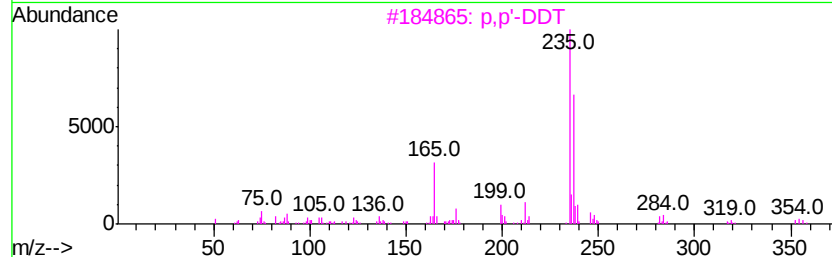
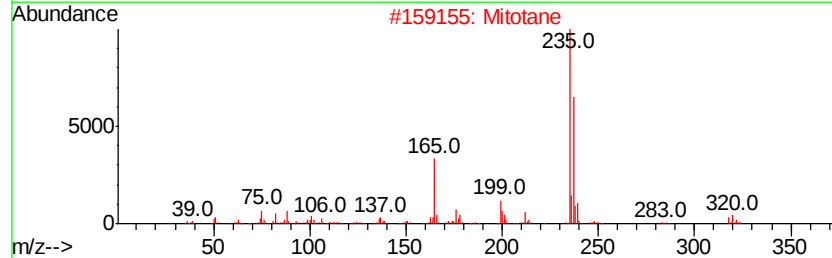
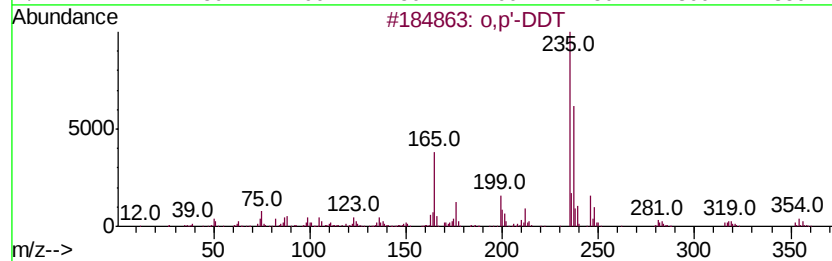
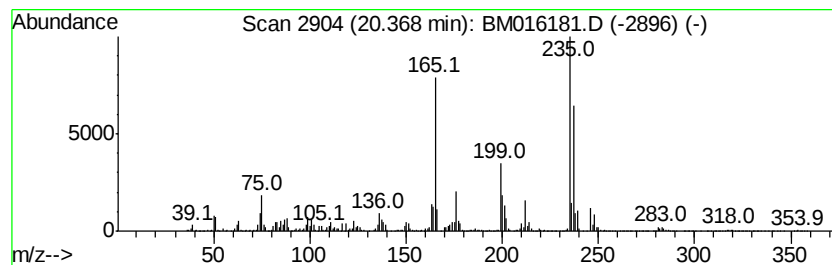
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 o,p'-DDT Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	24.40 ng/ul	13008400	Chrysene-d12	21.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o,p'-DDT	352	C14H9Cl5	000789-02-6	95
2		Mitotane	318	C14H10Cl4	000053-19-0	90
3		p,p'-DDT	352	C14H9Cl5	000050-29-3	86
4		m,p'-DDD	318	C14H10Cl4	004329-12-8	86
5		2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
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Sample : J4178-03DL 2X
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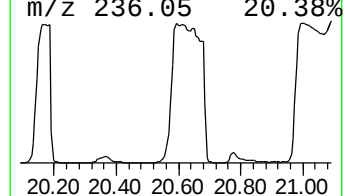
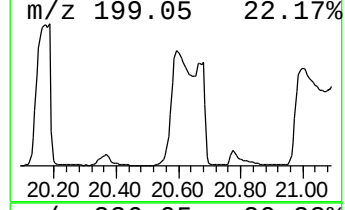
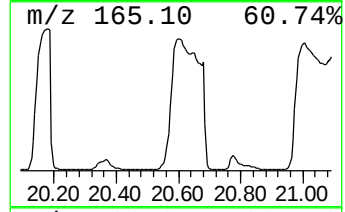
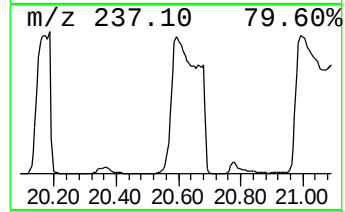
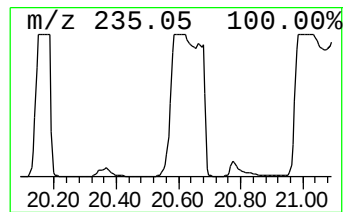
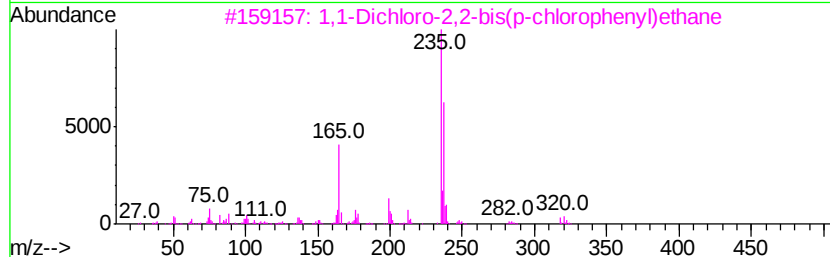
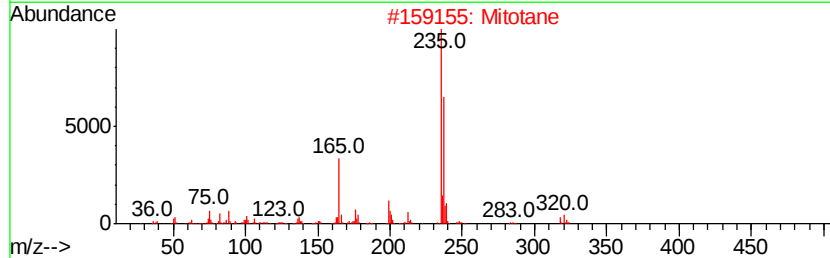
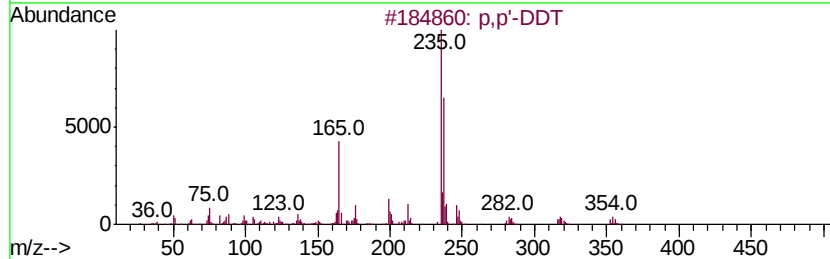
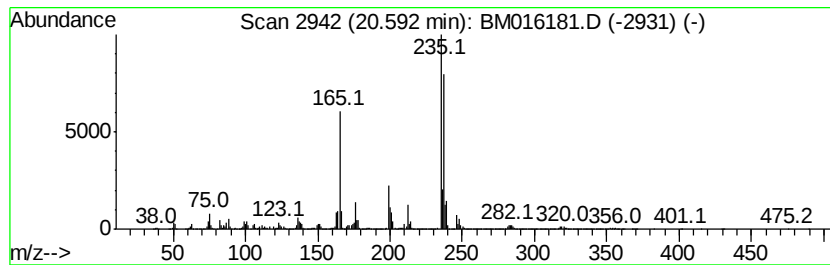
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 p,p'-DDT Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	414.94 ng/ul	221223000	Chrysene-d12	21.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	p,p'-DDT		352 C14H9Cl5	000050-29-3 97
2	Mitotane		318 C14H10Cl4	000053-19-0 96
3	1,1-Dichloro-2,2-bis(p-chlorophe...		318 C14H10Cl4	000072-54-8 96
4	p,p'-DDT		352 C14H9Cl5	000050-29-3 94
5	o,p'-DDT		352 C14H9Cl5	000789-02-6 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
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Acq On : 03 Aug 2018 15:54
Operator : SJ/JU
Sample : J4178-03DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

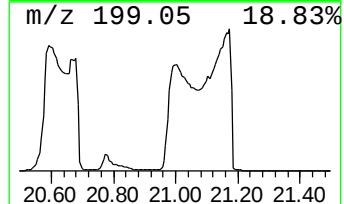
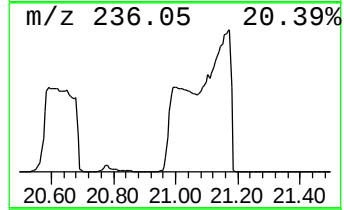
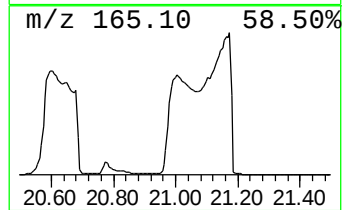
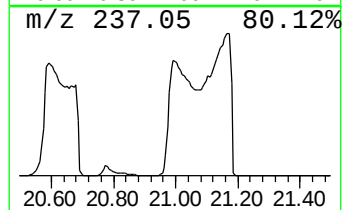
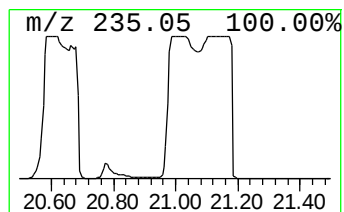
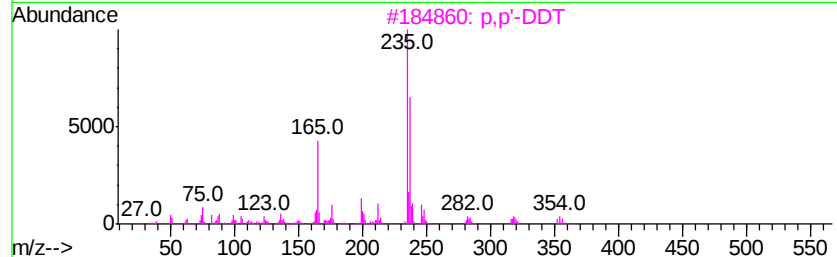
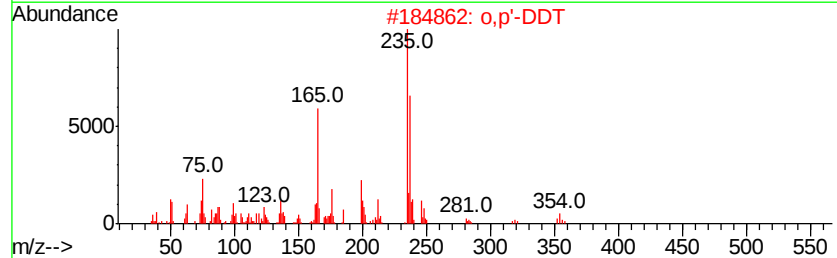
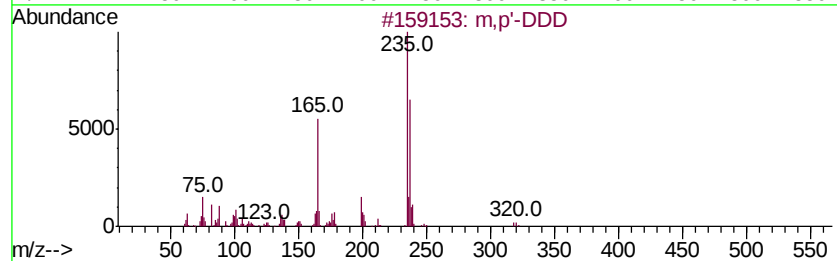
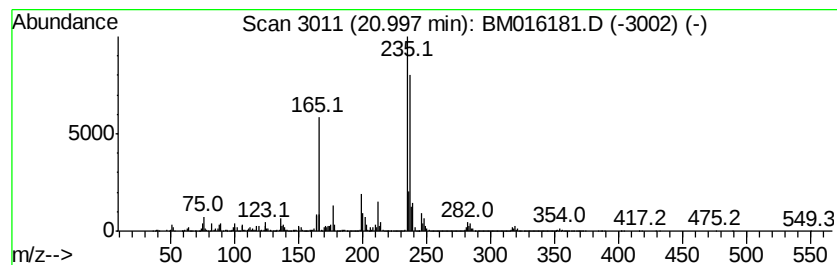
Instrument :
BNA_M
ClientSampleId :
C0AB9DL

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

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

Peak Number 15 m,p'-DDD Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	523.89 ng/ul	279305000	Chrysene-d12	21.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	m,p'-DDD		318 C14H10Cl4	004329-12-8 98
2	o,p'-DDT		352 C14H9Cl5	000789-02-6 97
3	p,p'-DDT		352 C14H9Cl5	000050-29-3 94
4	o,p'-DDT		352 C14H9Cl5	000789-02-6 93
5	p,p'-DDT		352 C14H9Cl5	000050-29-3 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016181.D
Acq On : 03 Aug 2018 15:54
Operator : SJ/JU
Sample : J4178-03DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

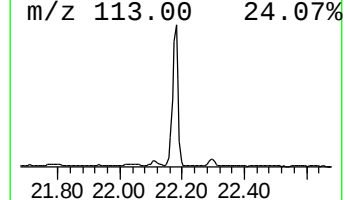
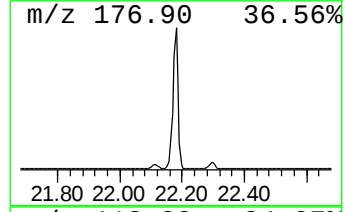
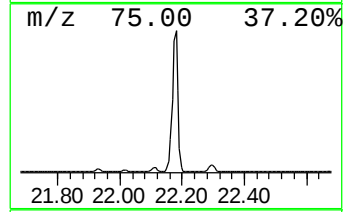
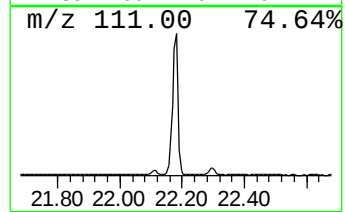
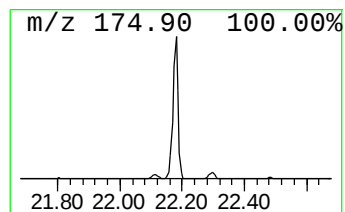
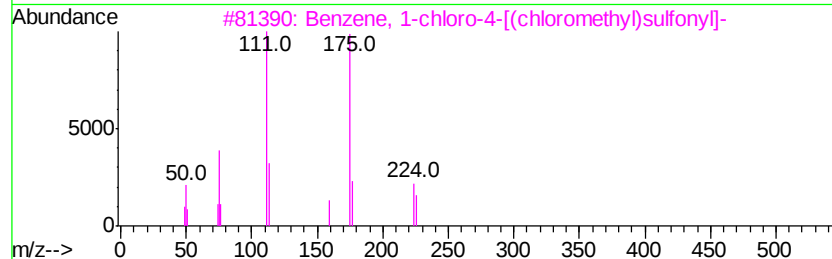
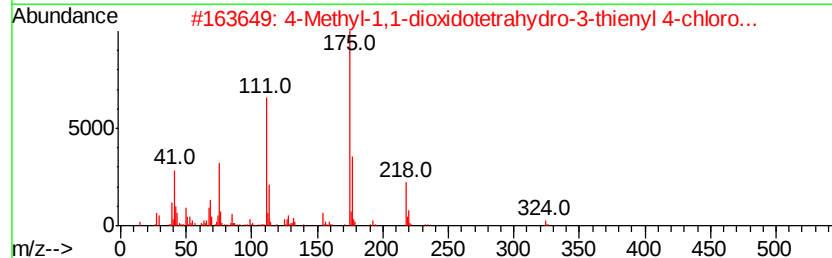
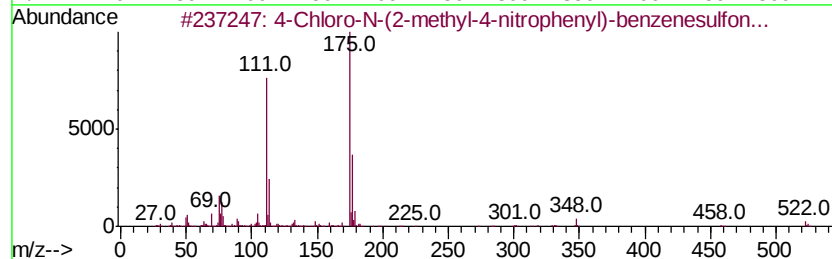
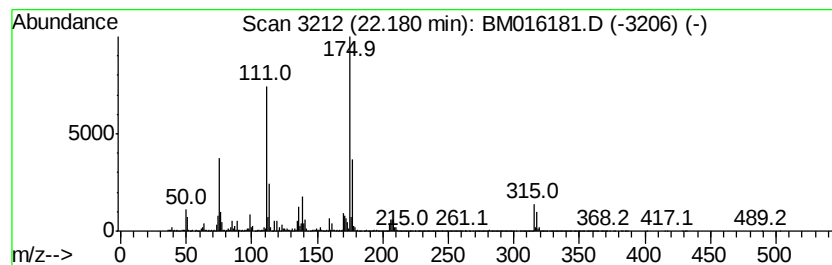
Instrument :
BNA_M
ClientSampleId :
C0AB9DL

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

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

Peak Number 16 4-Chloro-N-(2-methyl-4-nitr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.	
22.18	20.00 ng/ul	10662800	Chrysene-d12			21.71	
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Chloro-N-(2-methyl-4-nitrophen...	522	C17H10ClF7N2O5S	1000374-79-0	64
2			4-Methyl-1,1-dioxidotetrahydro-3...	324	C11H13ClO5S2	1000332-40-7	64
3			Benzene, 1-chloro-4-[(chlorometh...	224	C7H6Cl2O2S	005943-04-4	64
4			4-Chloro-N-(2-methyl-4-nitrophen...	422	C15H10ClF3N2O5S	1000374-78-8	64
5			4-Chlorobenzenesulfonyl isocyanate	217	C7H4ClN3O3S	005769-15-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080318\
 Data File : BM016181.D
 Acq On : 03 Aug 2018 15:54
 Operator : SJ/JU
 Sample : J4178-03DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB9DL

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,4-dich...	8.07	17.5	ng/ul	3184670	1	8.19	3639360	20.0
Benzene, 1,3-dich...	8.55	64.7	ng/ul	11765600	1	8.19	3639360	20.0
unknown-01	15.58	20.0	ng/ul	4273710	3	14.82	4273710	20.0
Naphthalene, 1,6-...	16.52	38.5	ng/ul	8354880	4	17.56	4345660	20.0
Tetradecanoic acid	18.42	20.0	ng/ul	4345660	4	17.56	4345660	20.0
Benzoic acid, 4-n...	18.54	17.9	ng/ul	3885700	4	17.56	4345660	20.0
4,6-Diamino-3-[4-...	19.05	28.4	ng/ul	6164760	4	17.56	4345660	20.0
o,p'-DDE	19.66	8.8	ng/ul	4714270	5	21.71	10662800	20.0
3-Butanone, 1,1-b...	19.82	13.4	ng/ul	7137790	5	21.71	10662800	20.0
Mitotane	20.17	249.7	ng/ul	133105000	5	21.71	10662800	20.0
o,p'-DDT	20.37	24.4	ng/ul	13008400	5	21.71	10662800	20.0
p,p'-DDT	20.59	414.9	ng/ul	221223000	5	21.71	10662800	20.0
m,p'-DDD	21.00	523.9	ng/ul	279305000	5	21.71	10662800	20.0
4-Chloro-N-(2-met...	22.18	20.0	ng/ul	10662800	5	21.71	10662800	20.0