LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032817\
Data File : BM009426.D
Acq On : 27 Mar 2017 23:22
Operator : SJ/MA
Sample : I2358-10DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BK5DL

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

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.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	5.204	348	360	365	rBV3	84792633	205180947	100.00%	30.607%
2	7.751	783	793	801	rBV	13257257	22535431	10.98%	3.362%
3	7.922	804	822	827	rBV3	80654401	178128348	86.82%	26.572%
4	8.251	862	878	882	rBV3	82285402	202213837	98.55%	30.165%
5	10.522	1254	1264	1275	rBV	26019179	43959288	21.42%	6.557%
6	11.039	1343	1352	1361	rBV	8237090	13738985	6.70%	2.049%
7	21.415	3111	3116	3123	rBV	1843666	2354167	1.15%	0.351%
8	23.744	3505	3512	3519	rVB2	1174265	2257405	1.10%	0.337%

Sum of corrected areas: 670368408

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ClientSampleId :
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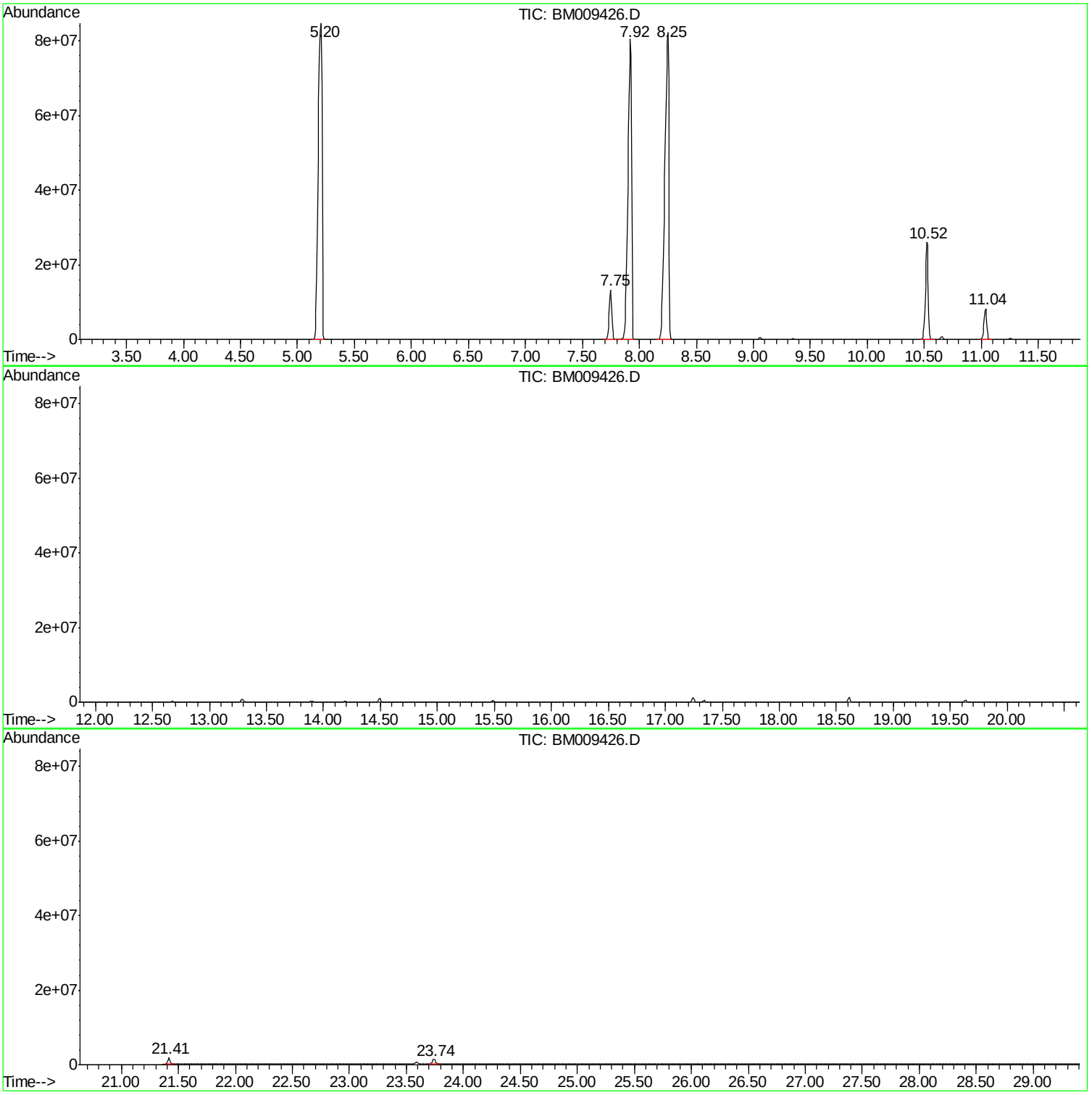
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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

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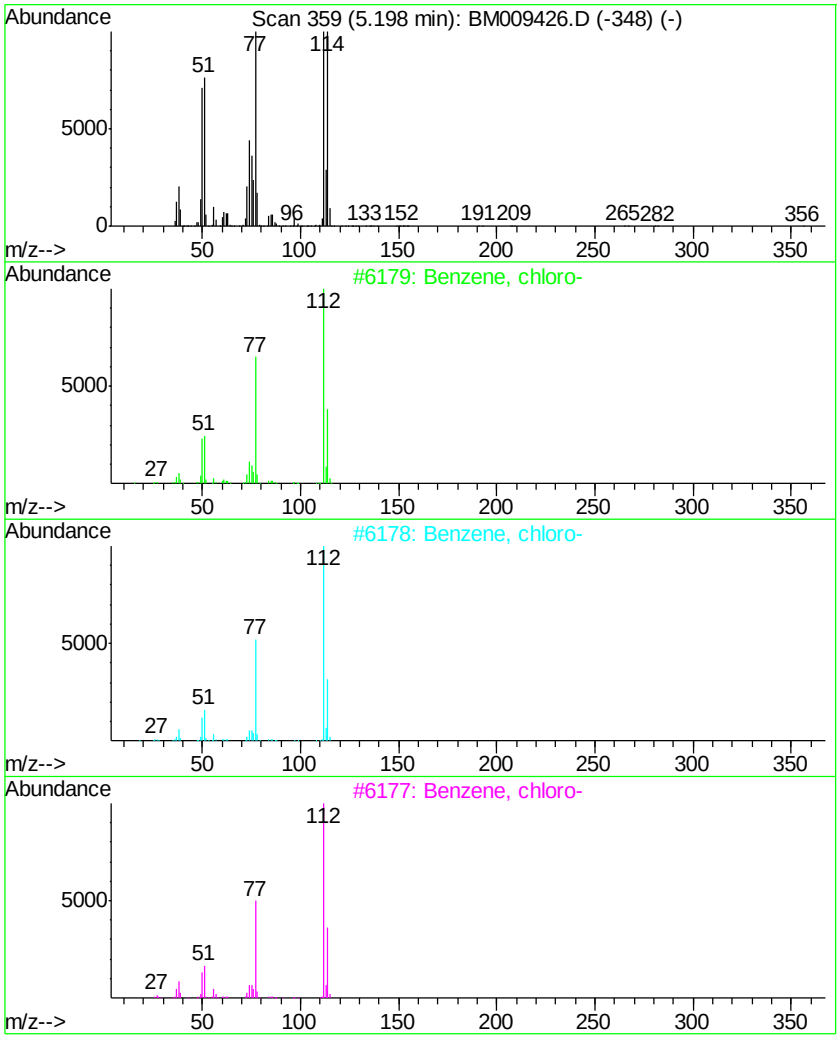
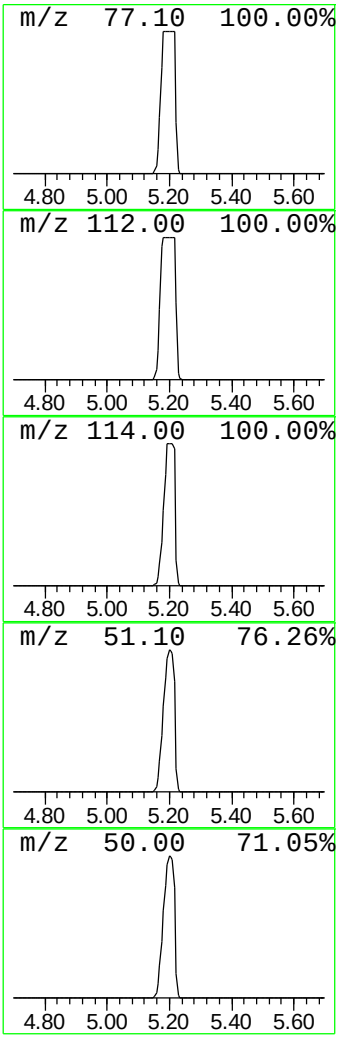
Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	23.04 ng/ul	205181000	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	68
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	38
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	10
4	Difluoroacetic acid	96	C2H2F2O2	000381-73-7	10
5	3-Furancarboxylic acid	112	C5H4O3	000488-93-7	9





Library Search Compound Report

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Acq On : 27 Mar 2017 23:22
Operator : SJ/MA
Sample : I2358-10DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BK5DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION

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

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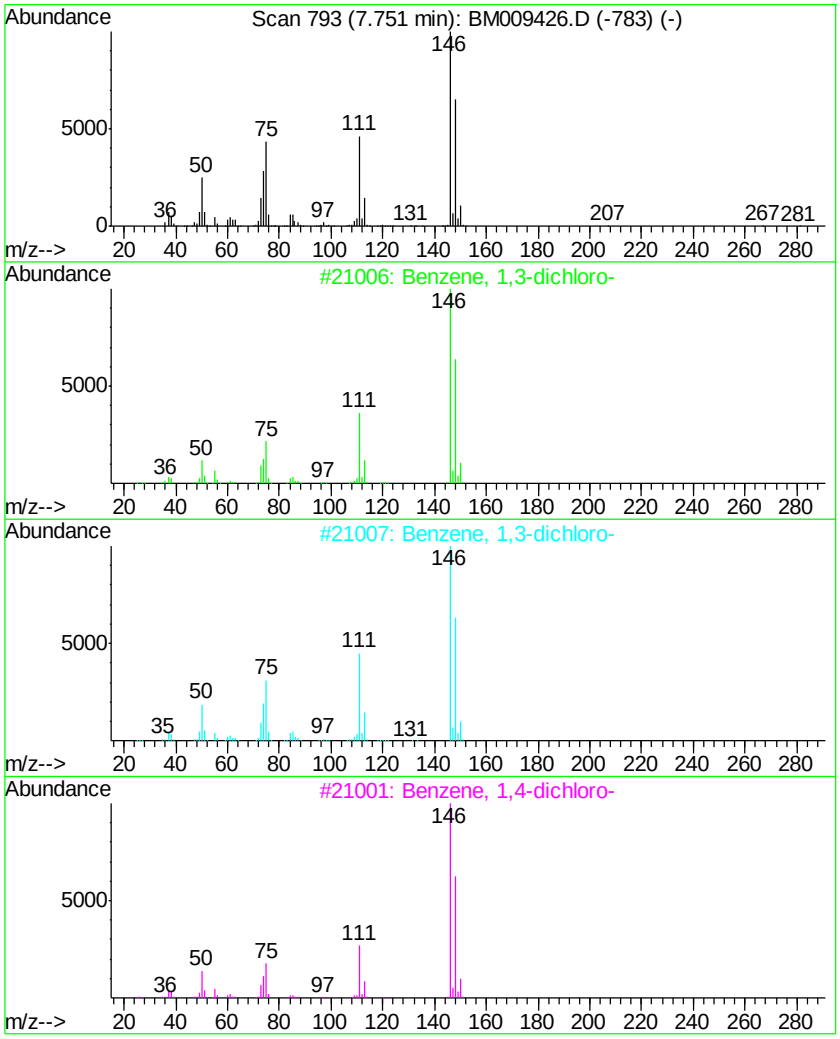
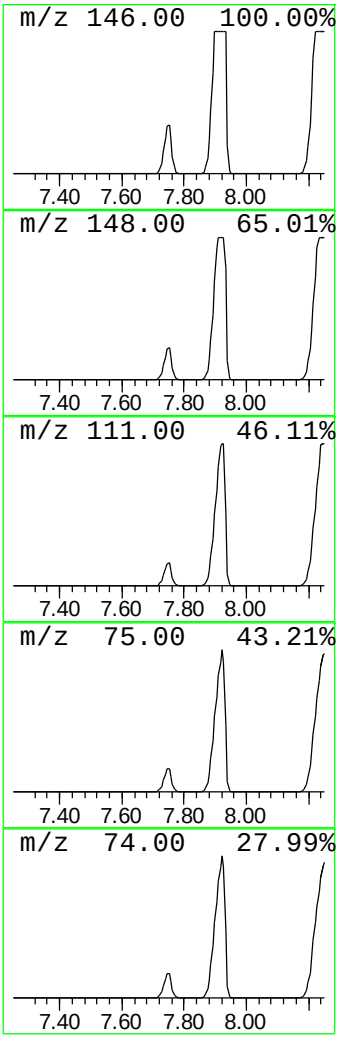
Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	2.53 ng/ul	22535400	1,4-Dichlorobenzene-d4	7.87

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





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Acq On : 27 Mar 2017 23:22
Operator : SJ/MA
Sample : I2358-10DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BK5DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION

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

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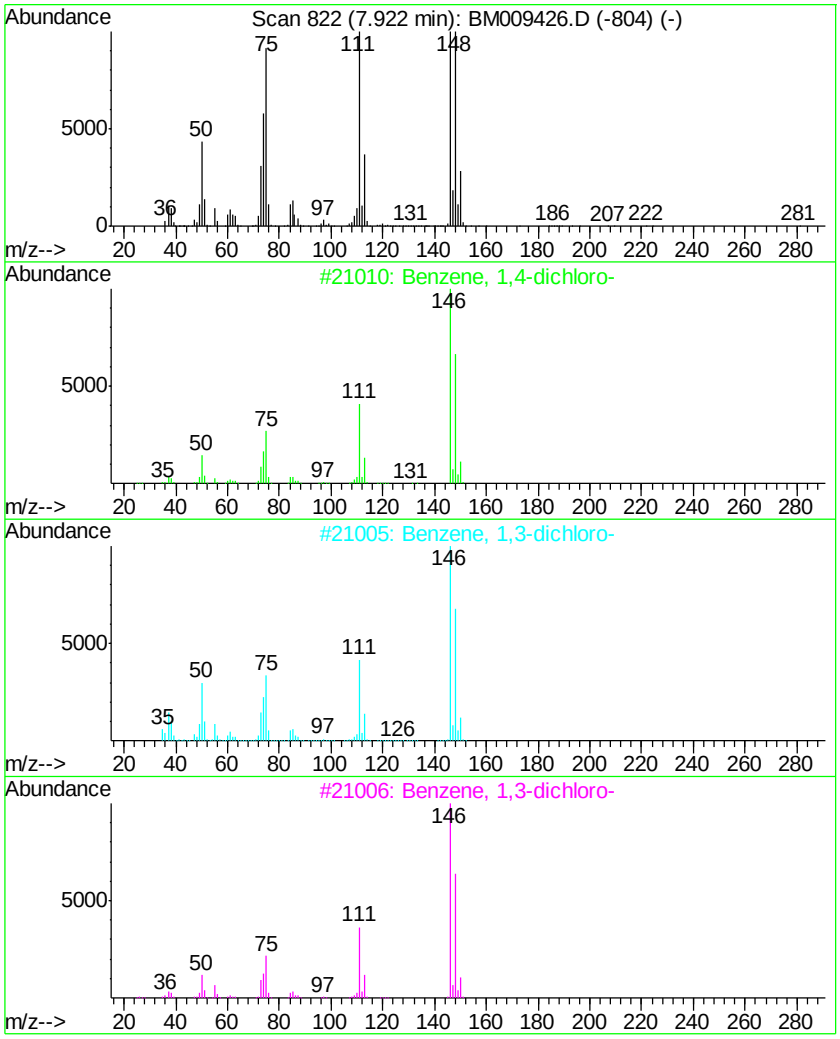
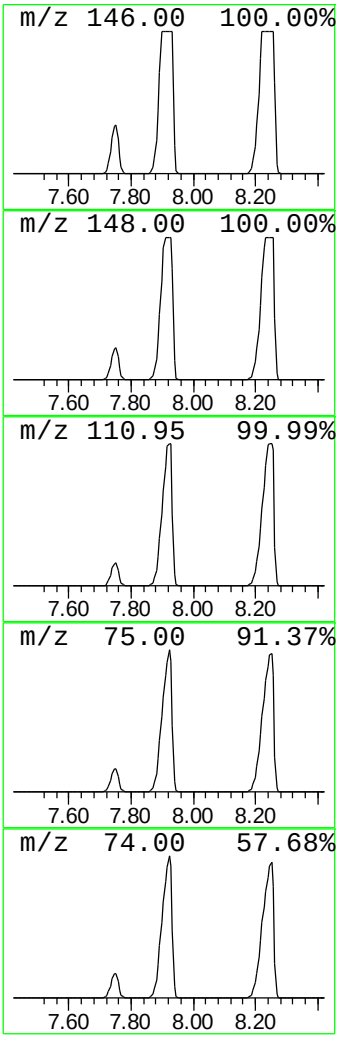
Peak Number 3 Benzene, 1,4-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	20.00 ng/ul	178128000	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	95
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	94
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	94
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	93
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	87





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Data File : BM009426.D
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Operator : SJ/MA
Sample : I2358-10DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BK5DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION

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

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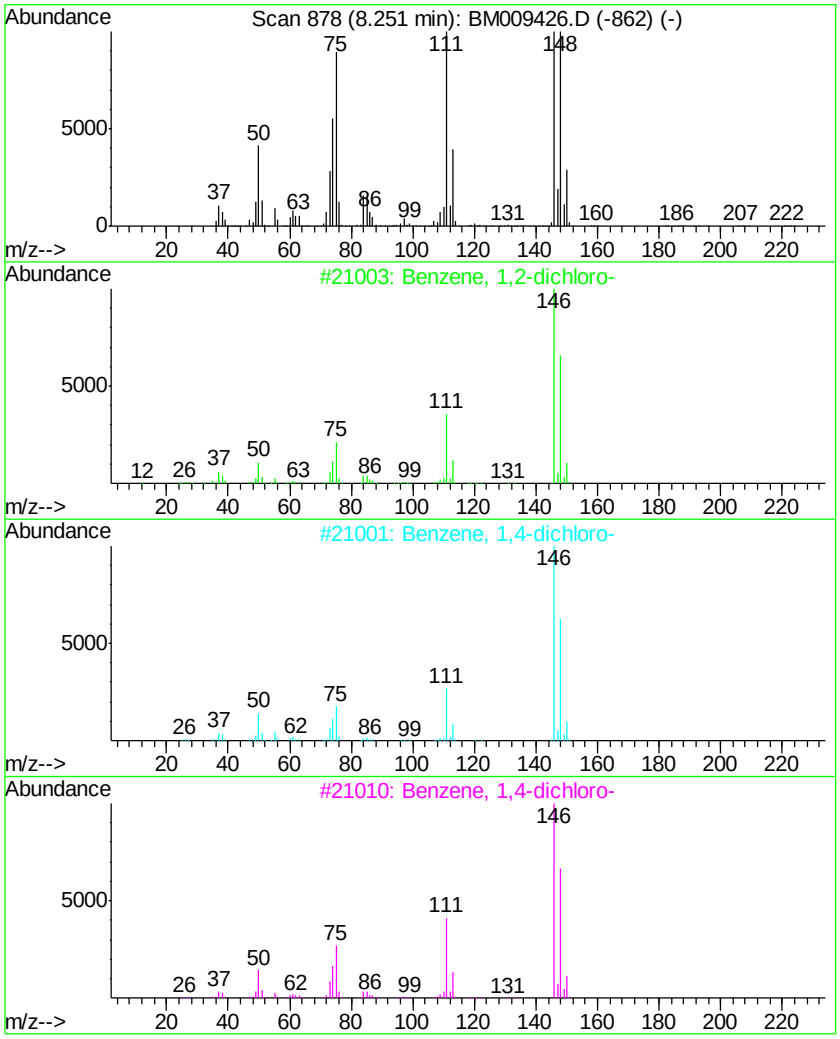
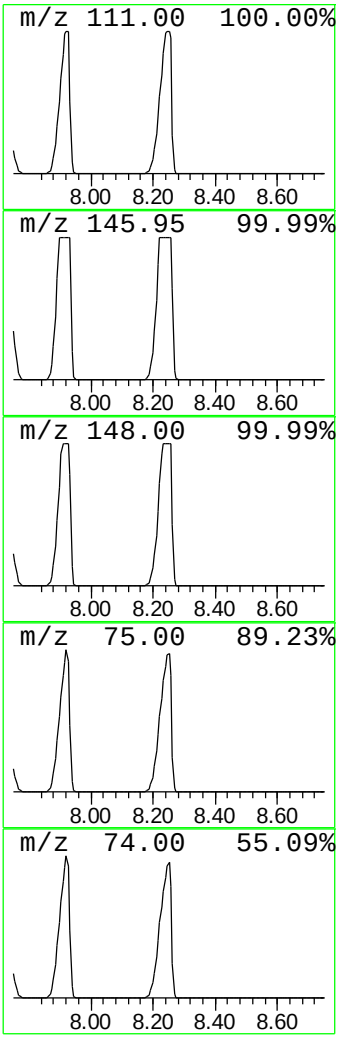
Peak Number 4 Benzene, 1,2-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	22.70 ng/ul	202214000	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	93
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	87
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	81





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BK5DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION

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

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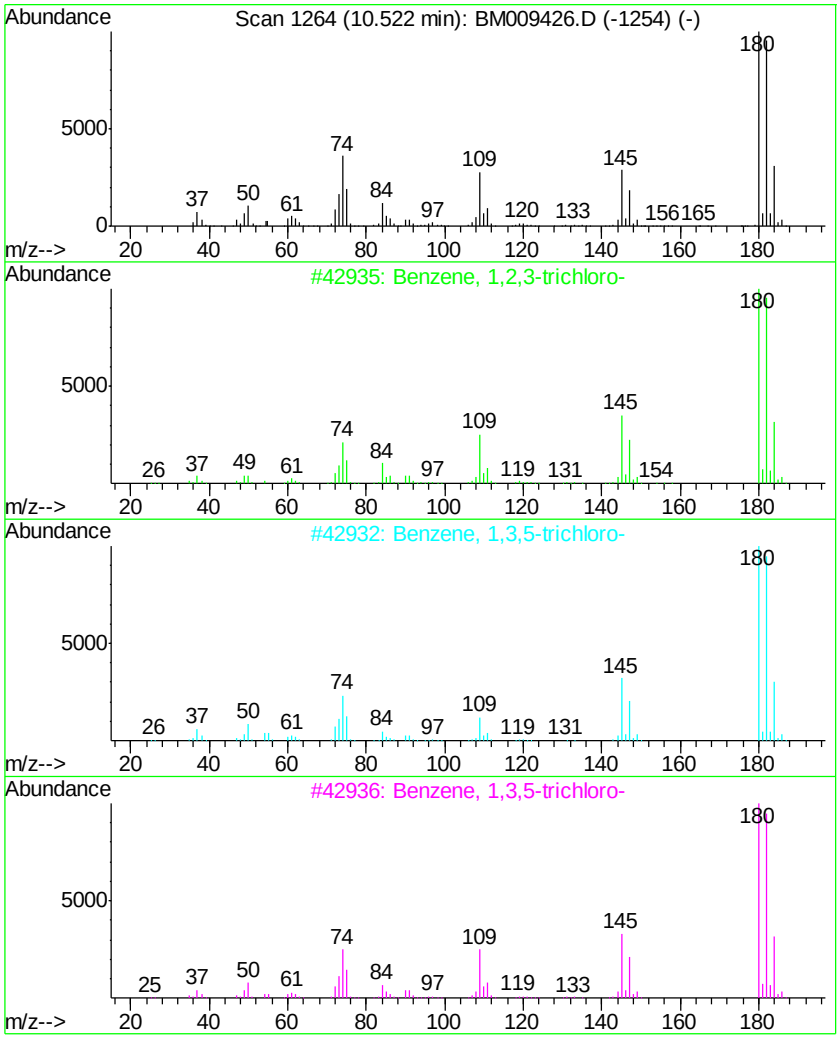
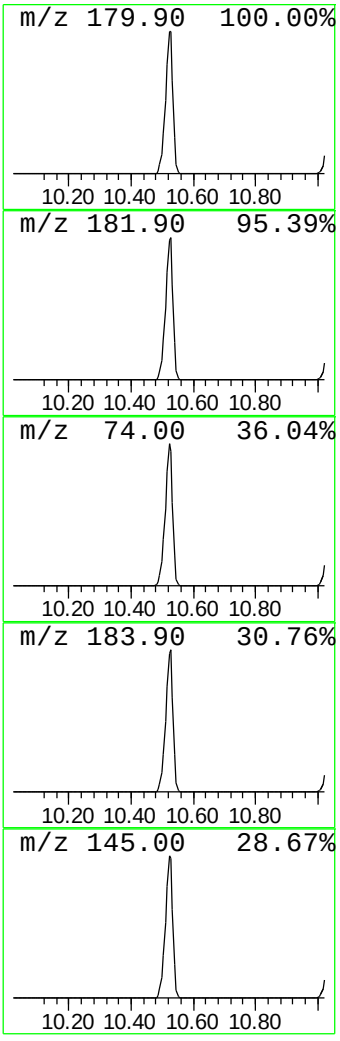
Peak Number 5 Benzene, 1,2,3-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	20.00 ng/ul	43959300	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96





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ClientSampleId : C0BK5DL

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Quant Title : SVOA CALIBRATION

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

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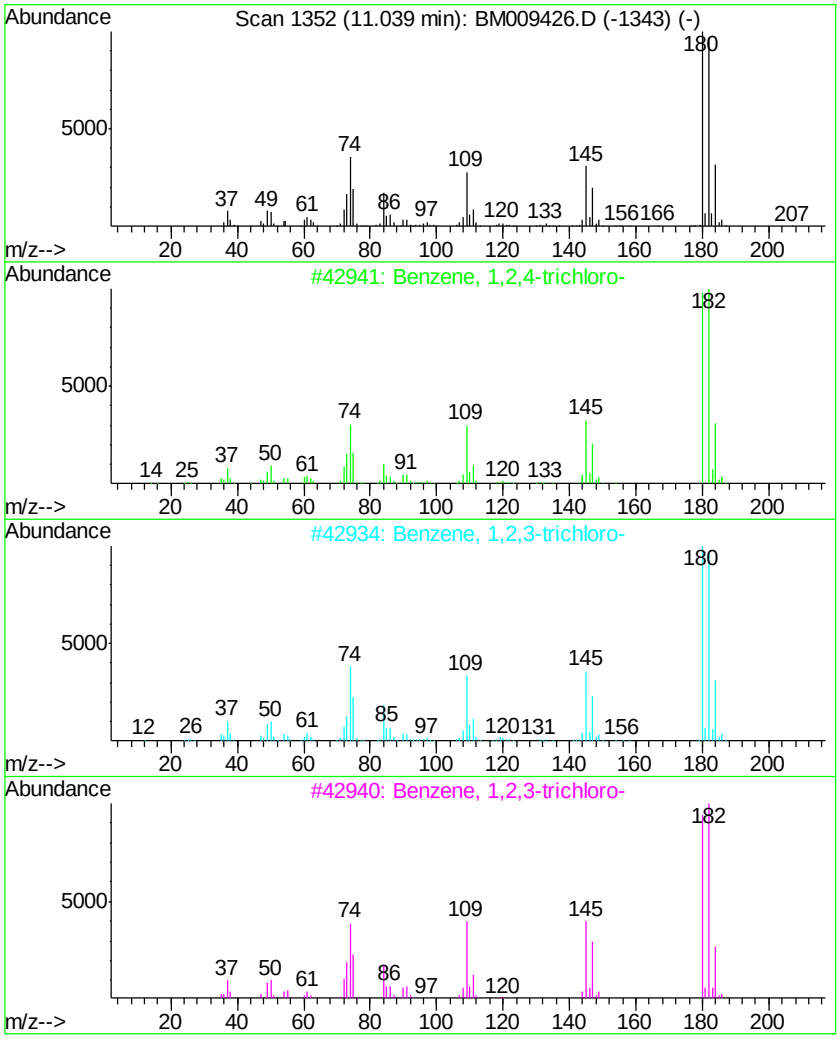
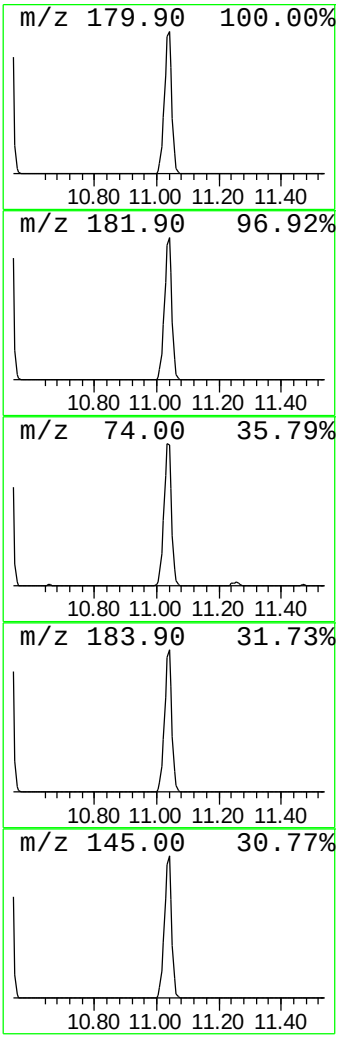
Peak Number 6 Benzene, 1,2,4-trichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	6.25 ng/ul	13739000	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	5.20	23.0	ng/ul	205181000	1	7.87	178128000	20.0
Benzene, 1,3-dich...	7.75	2.5	ng/ul	22535400	1	7.87	178128000	20.0
Benzene, 1,4-dich...	7.92	20.0	ng/ul	178128000	1	7.87	178128000	20.0
Benzene, 1,2-dich...	8.25	22.7	ng/ul	202214000	1	7.87	178128000	20.0
Benzene, 1,2,3-tr...	10.52	20.0	ng/ul	43959300	2	10.65	43959300	20.0
Benzene, 1,2,4-tr...	11.04	6.3	ng/ul	13739000	2	10.65	43959300	20.0