LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009255.D
Acq On : 14 Mar 2017 14:46
Operator : SJ/MA
Sample : I2235-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BK3

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\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.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	5.222	352	363	365	rBV4	89478201	203423891	28.56%	12.912%
2	7.781	785	798	807	rBV	31003022	60550697	8.50%	3.843%
3	7.951	809	827	832	rBV4	94199979	236324893	33.18%	15.001%
4	8.351	867	895	899	rBV7	108471849	712326278	100.00%	45.215%
5	10.592	1259	1276	1281	rBV2	100052846	302274208	42.43%	19.187%
6	11.080	1347	1359	1365	rBV	29832184	52961891	7.44%	3.362%
7	13.315	1732	1739	1749	rBV	5112516	7572610	1.06%	0.481%

Sum of corrected areas: 1575434468

LSC Report - Integrated Chromatogram

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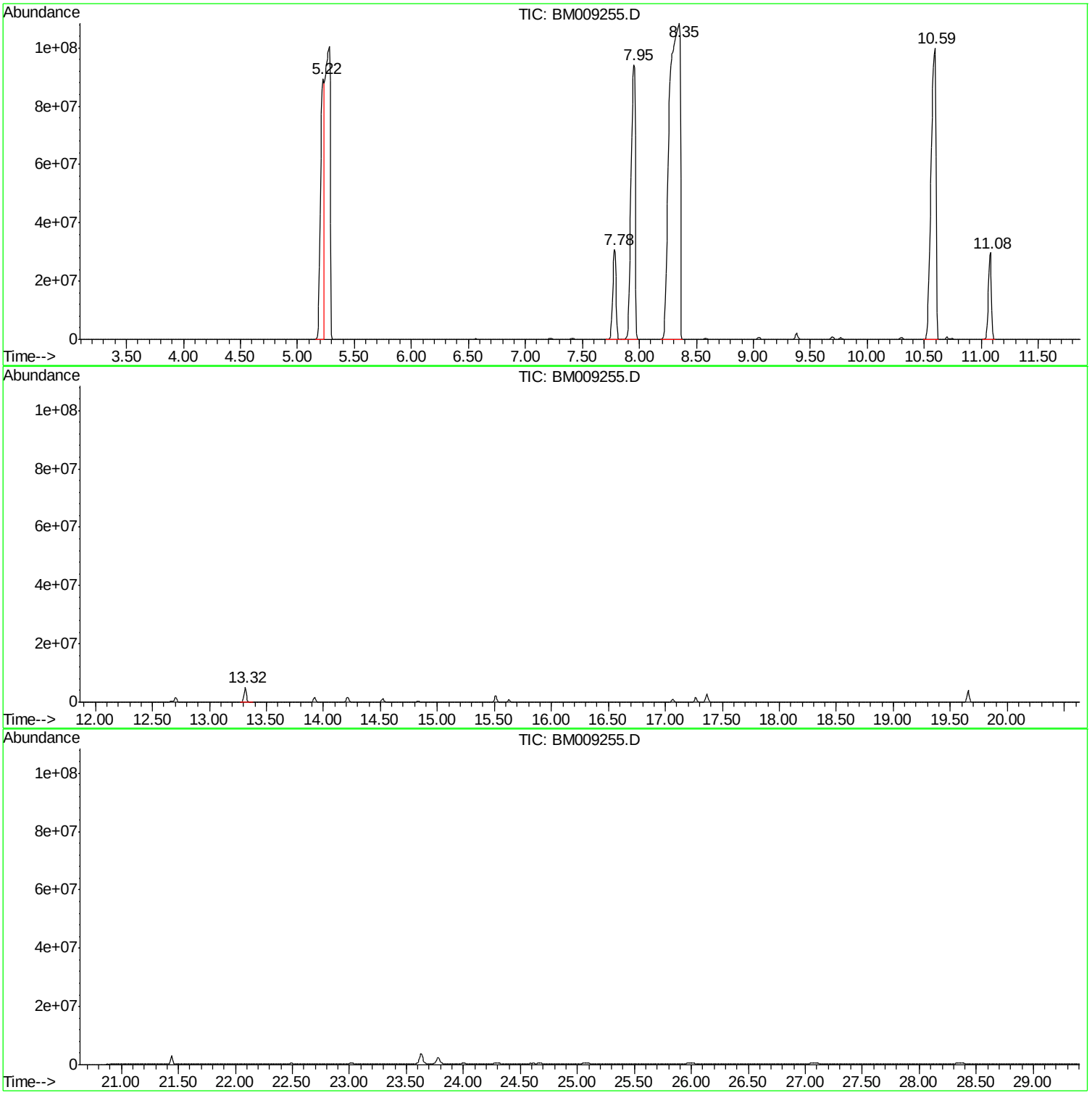
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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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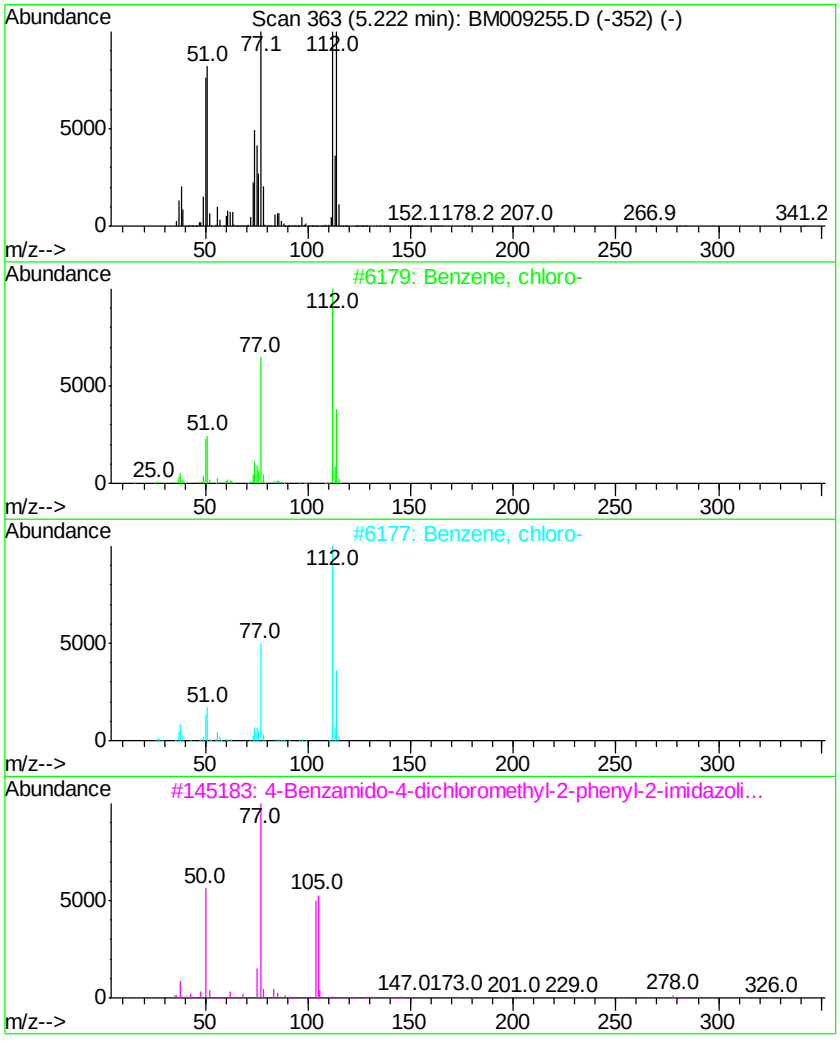
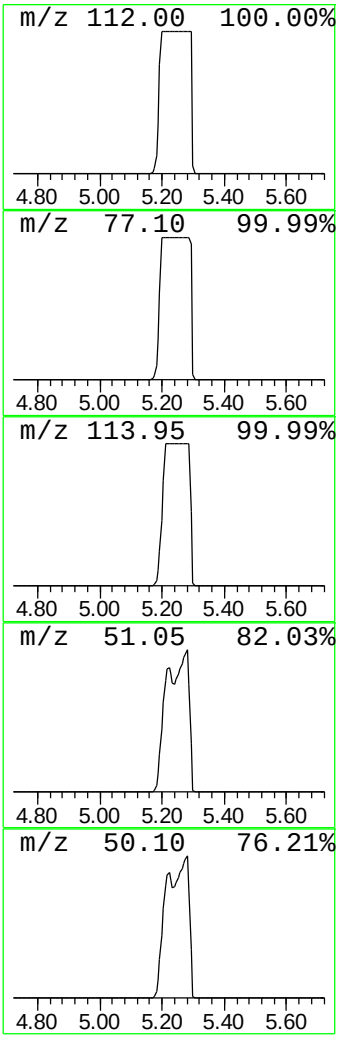
Peak Number 1 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	17.22 ng/ul	203424000	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	74
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	28
3	4-Benzamido-4-dichloromethyl-2-p...	361	C17H13Cl2N3O2	076543-29-8	10
4	Pyridine, 4-chloro-	113	C5H4ClN	000626-61-9	10
5	Acetaldehyde, chloro-	78	C2H3ClO	000107-20-0	10





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Data File : BM009255.D
Acq On : 14 Mar 2017 14:46
Operator : SJ/MA
Sample : I2235-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BK3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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

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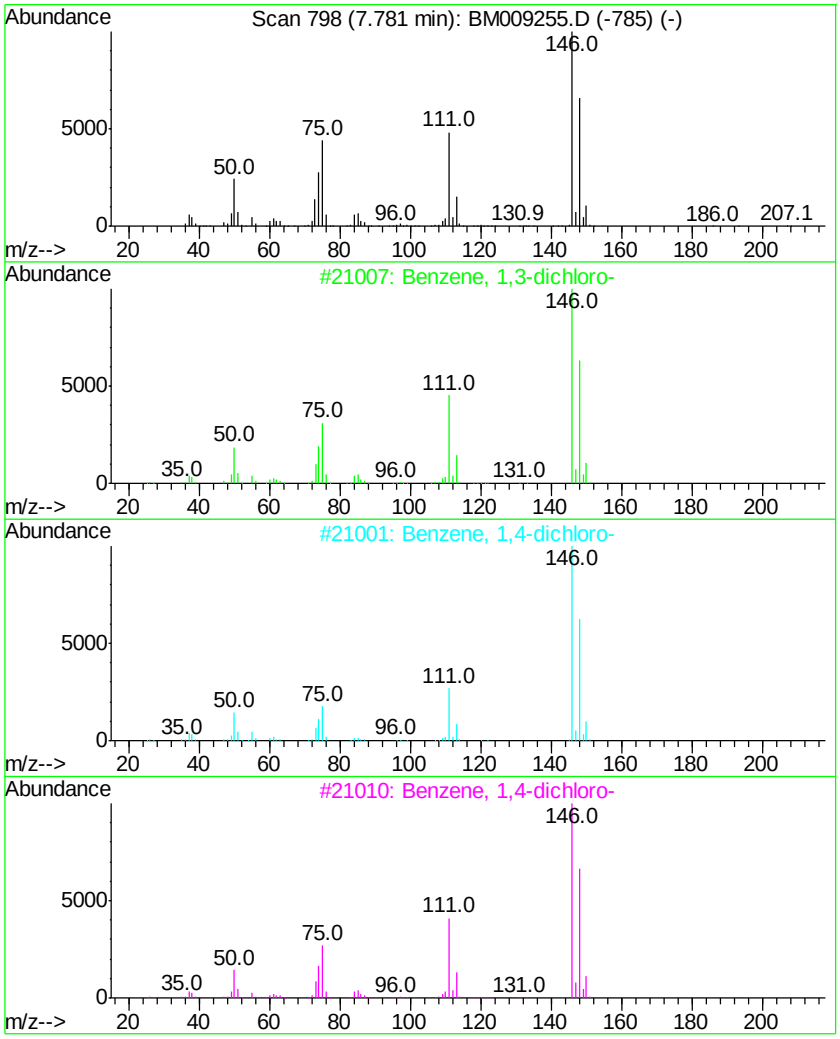
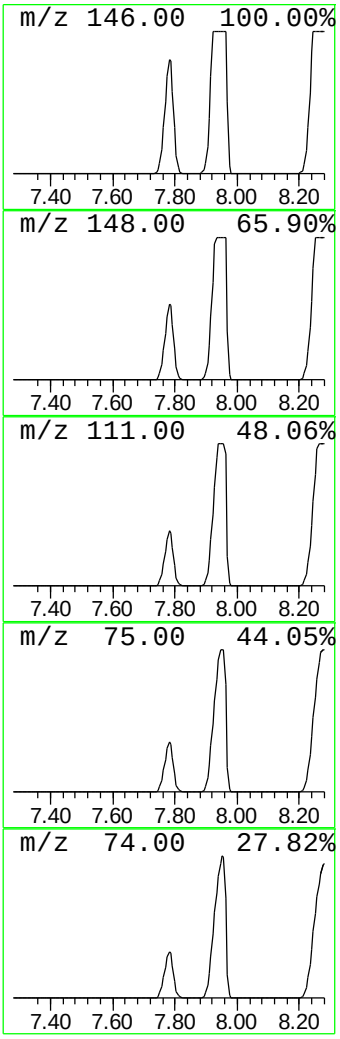
Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	5.12 ng/ul	60550700	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009255.D
Acq On : 14 Mar 2017 14:46
Operator : SJ/MA
Sample : I2235-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BK3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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

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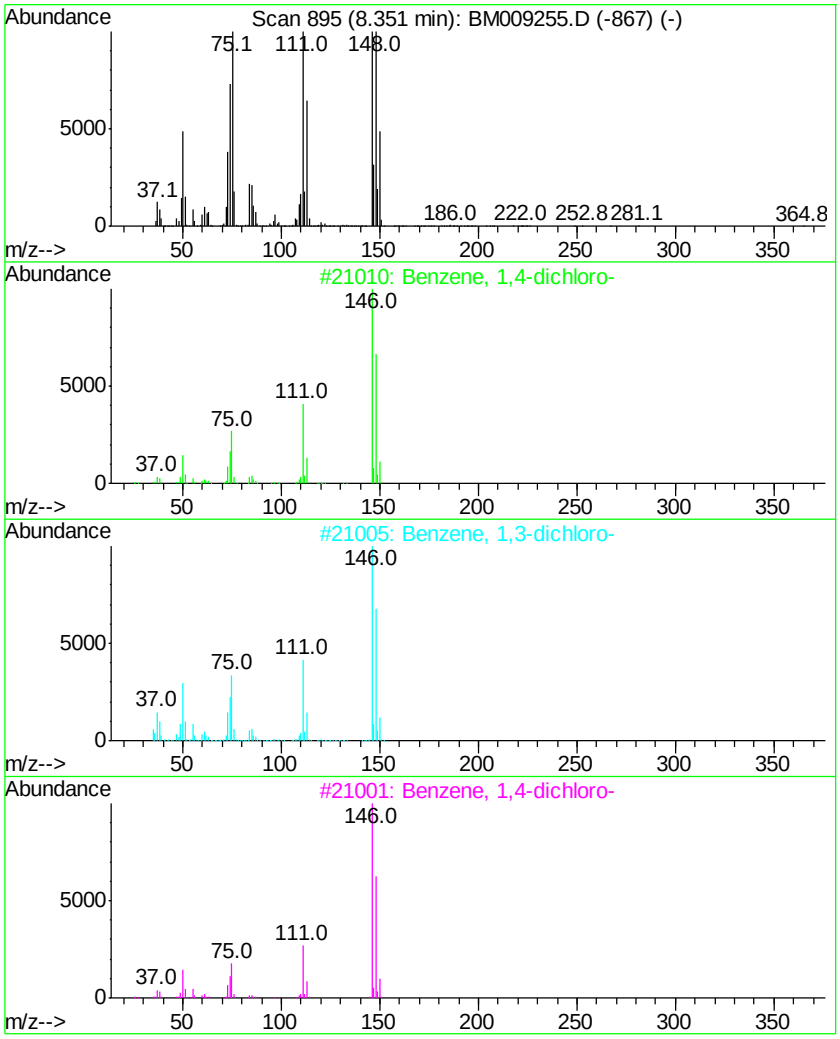
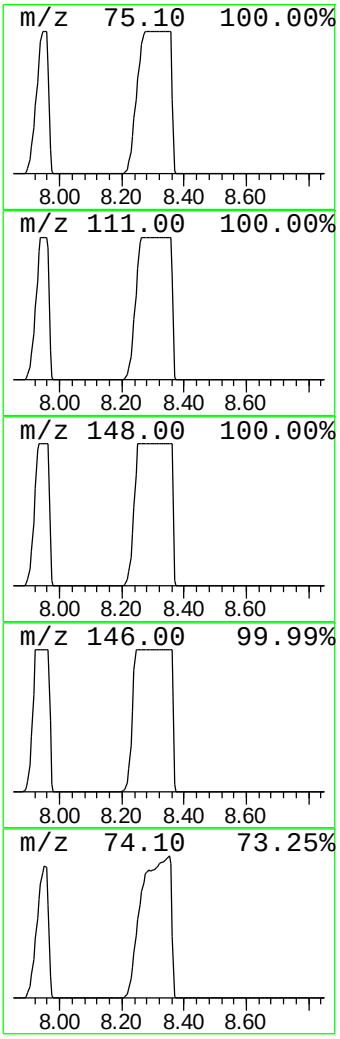
Peak Number 3 Benzene, 1,4-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	60.28 ng/ul	712326000	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	76
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	76
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	64
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	64





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Sample : I2235-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BK3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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

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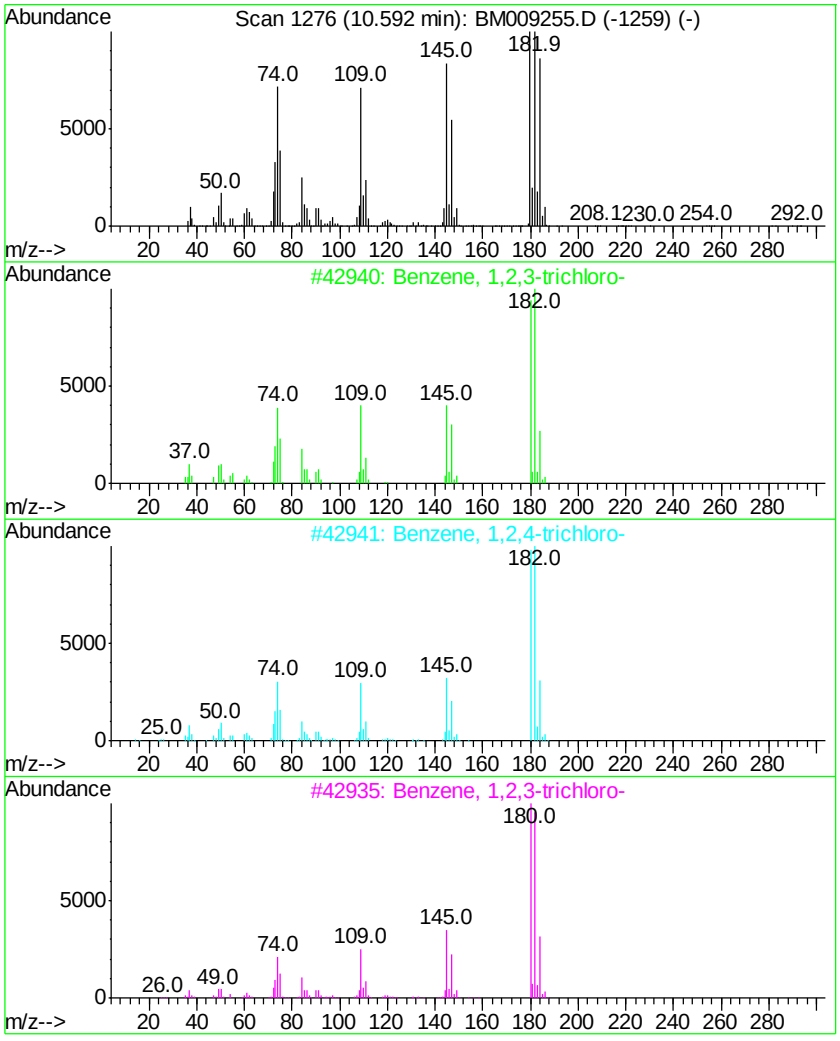
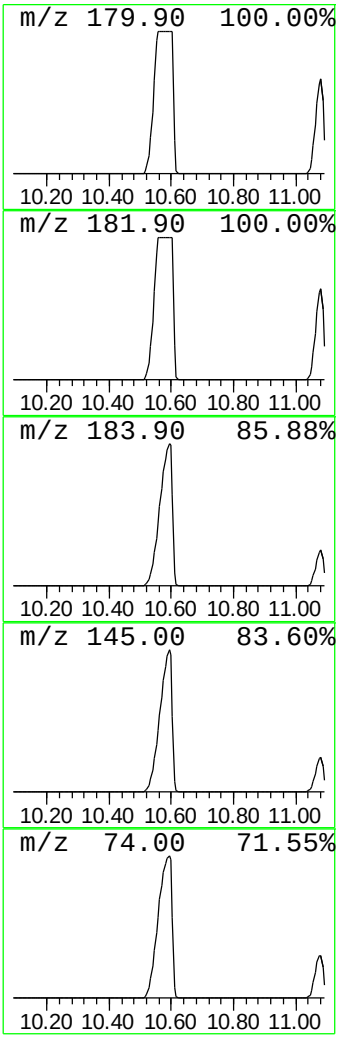
Peak Number 4 Benzene, 1,2,3-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	20.00 ng/ul	302274000	Naphthalene-d8	10.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
2	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	94
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	93
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	90
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	89





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Quant Title : SVOA CALIBRATION

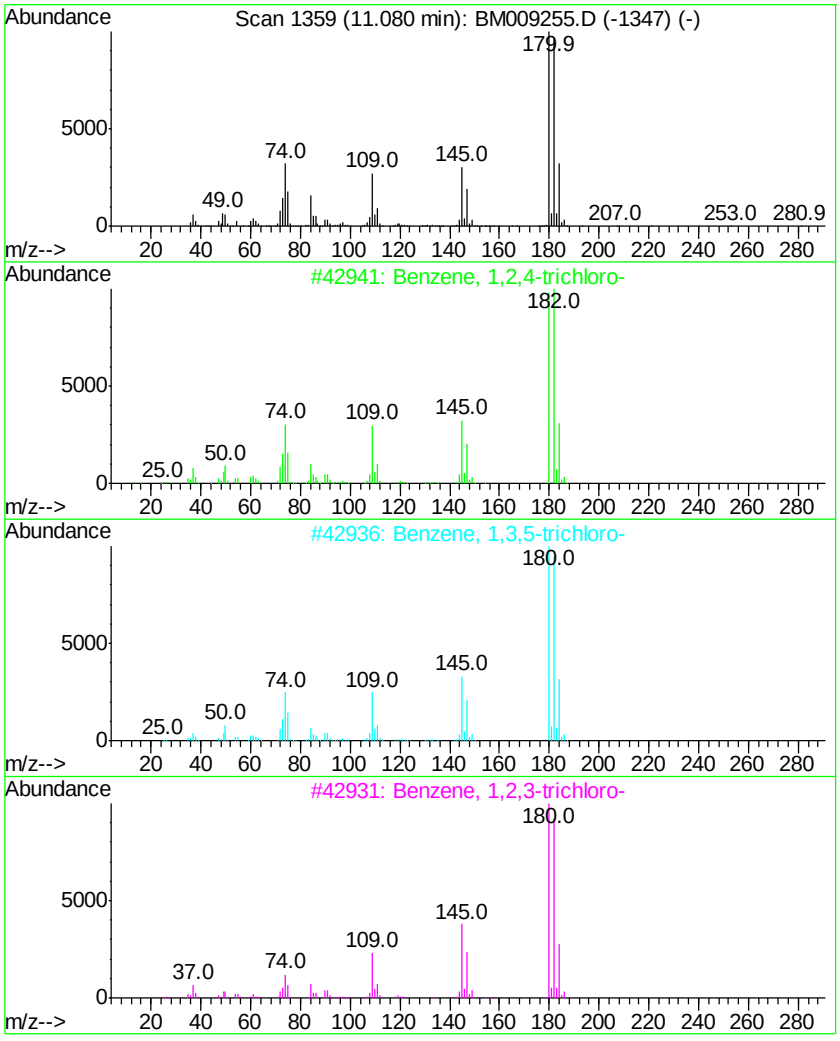
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

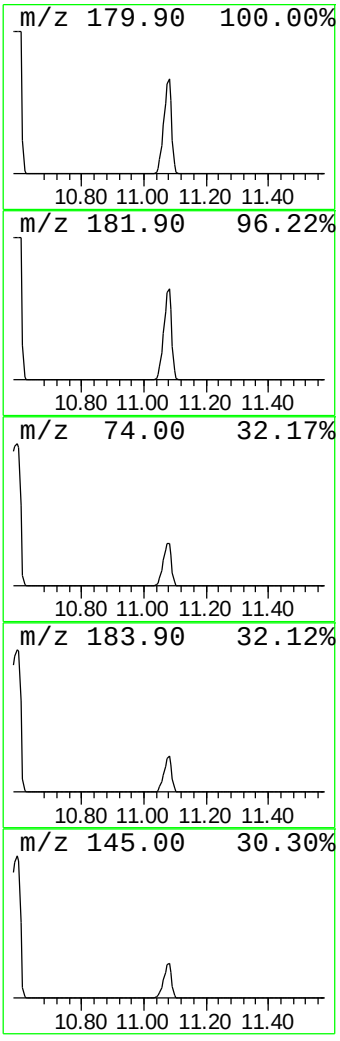
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	3.50 ng/ul	52961900	Naphthalene-d8	10.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	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-	5.22	17.2	ng/ul	203424000	1	7.90	236325000	20.0
Benzene, 1,3-dich...	7.78	5.1	ng/ul	60550700	1	7.90	236325000	20.0
Benzene, 1,4-dich...	8.35	60.3	ng/ul	712326000	1	7.90	236325000	20.0
Benzene, 1,2,3-tr...	10.59	20.0	ng/ul	302274000	2	10.70	302274000	20.0
Benzene, 1,2,4-tr...	11.08	3.5	ng/ul	52961900	2	10.70	302274000	20.0