

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

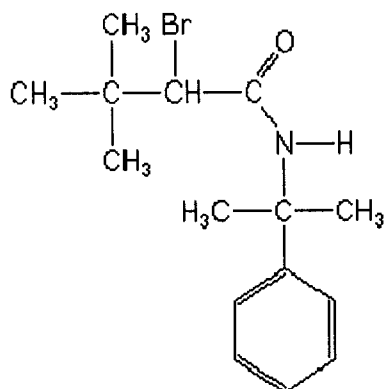
Analyte: Bromobutide

CAS No.: 74712-19-9

Formula: C₁₅H₂₂BrNO

Molecular mass (lowest isotopes): 311,09 amu

Structure:



Ionisation: ESI +

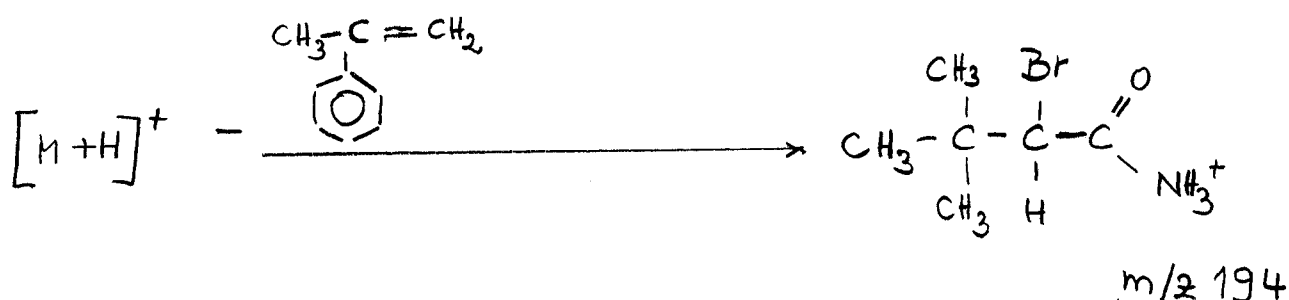
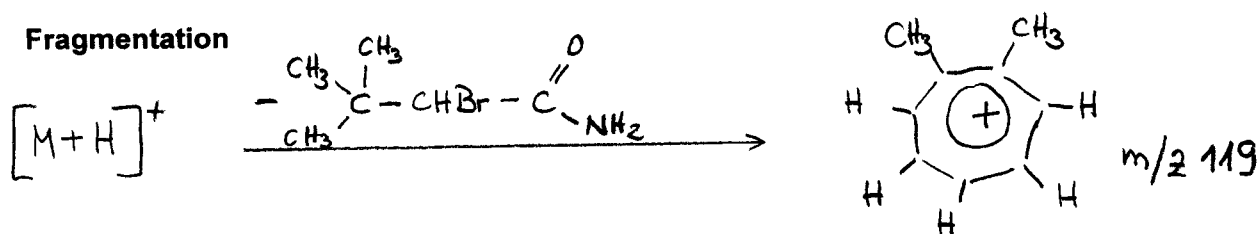
Quasimolecular ion: 312,1 amu = [M+H]⁺

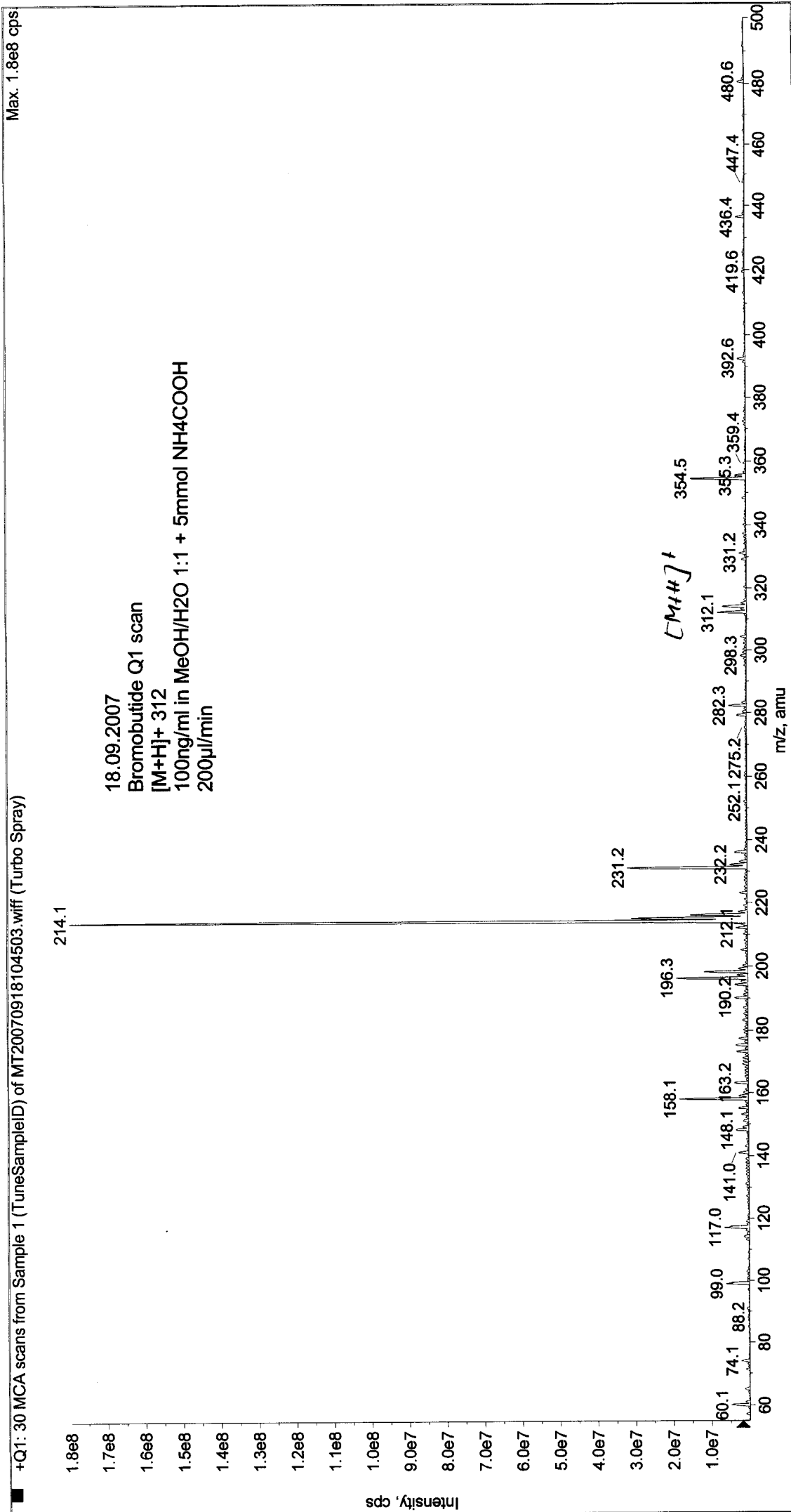
Analyte sensitive parameter set (API 2000)

Transition	312,1 → 194,1	312,1 → 119,2
Declustering potential (DP)*)	6 V	6 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10 V	8,5 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	17 V	21 V
Collision cell exit potential (CXP)	12 V	6 V

*) For API 3000 and 4000 enhance DP by 20V

Fragmentation





Printing Time: 10:49:15

Printing Date: Tuesday, September 18, 2007

Acq. Time: 10:47

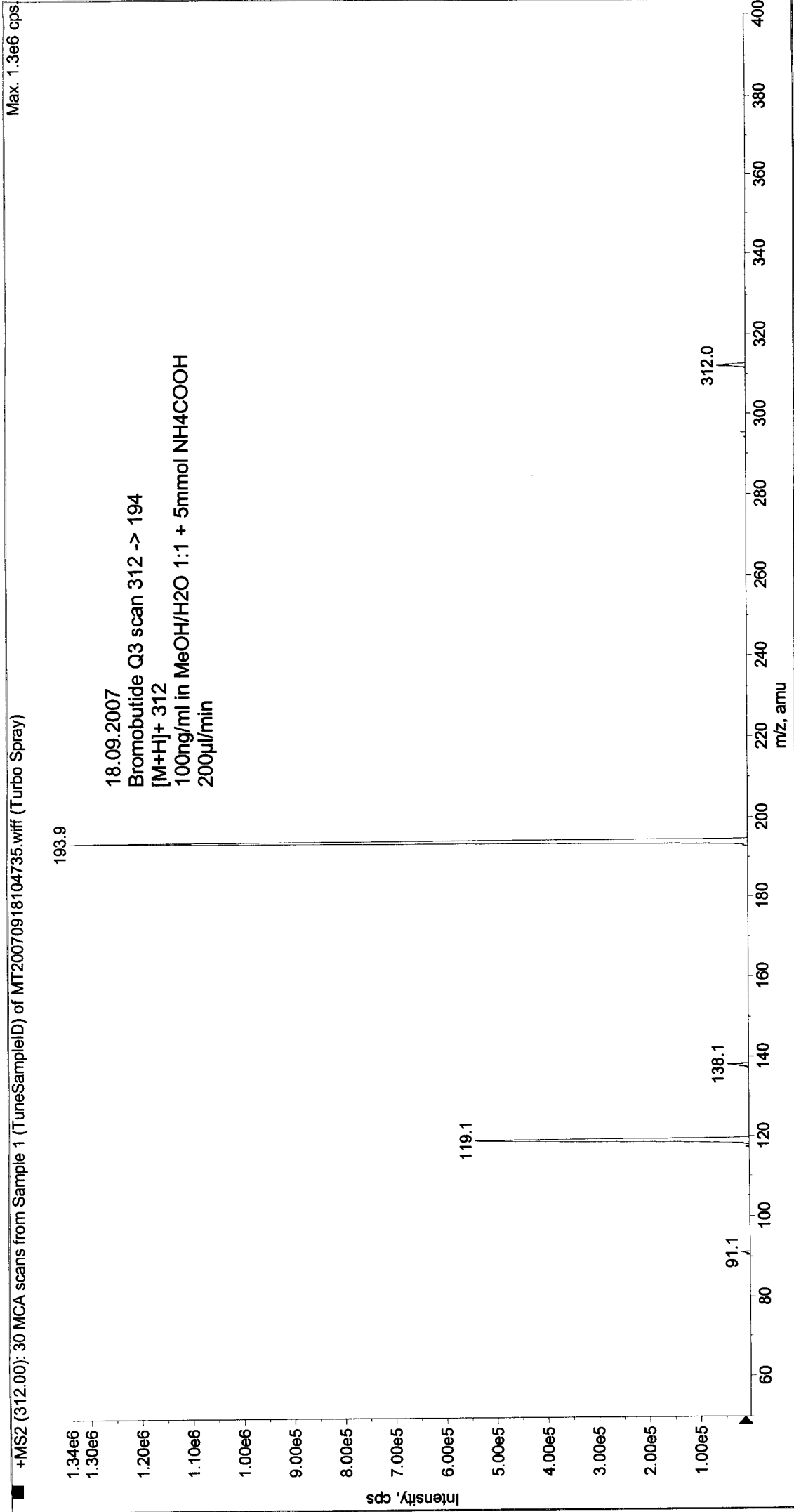
Acq. Date: Tuesday, September 18, 2007

Acq. File: MT20070918104735.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat



Printing Time: 10:50:36

Printing Date: Tuesday, September 18, 2007

Acq. Time: 10:49

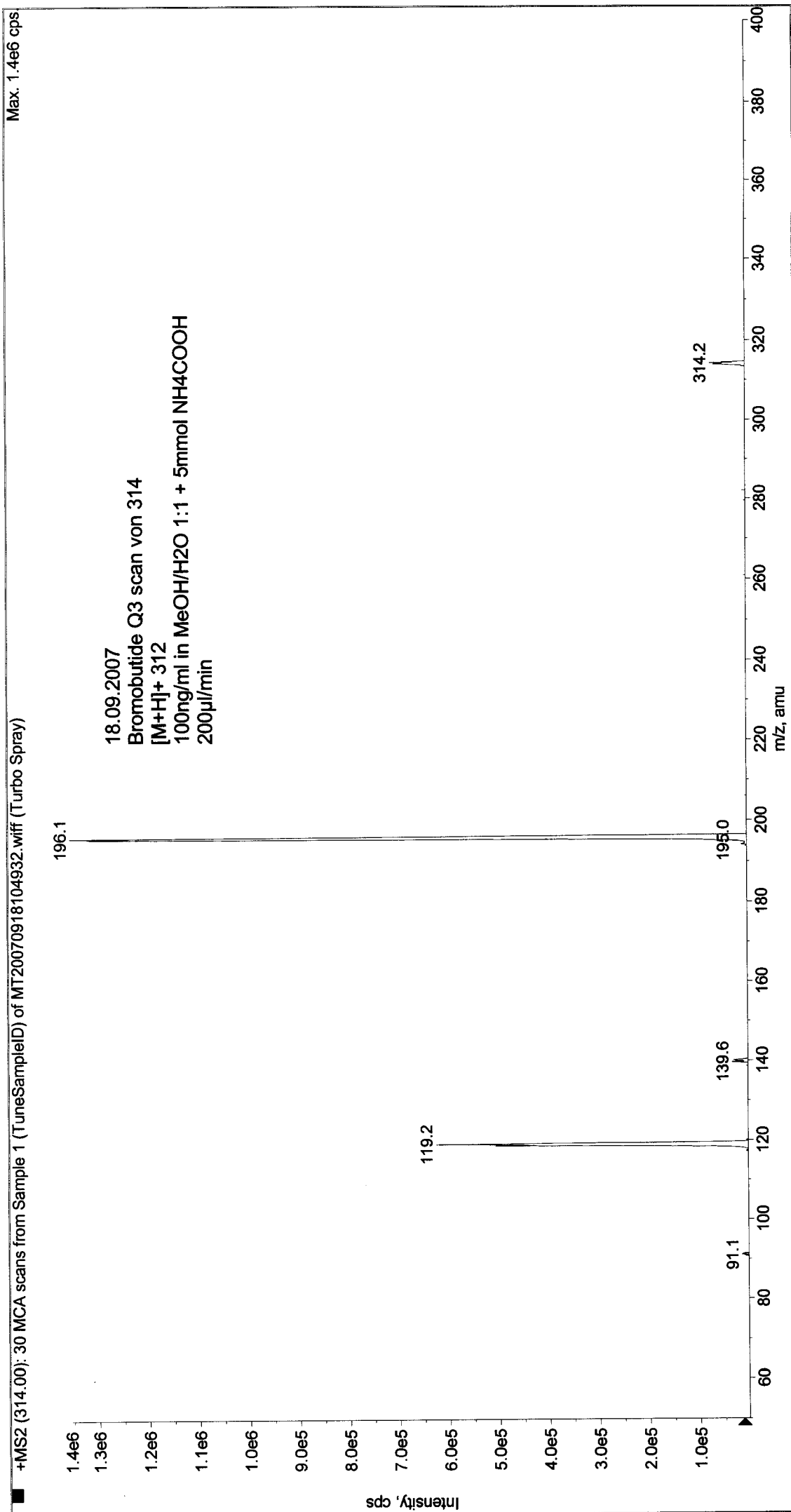
Acq. Date: Tuesday, September 18, 2007

Acq. File: MT20070918104932.wiff

Sample Comment:

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Batch Name: ManualTune.bat



Printing Time: 11:02:59

Printing Date: Tuesday, September 18, 2007

Acq. Time: 11:01

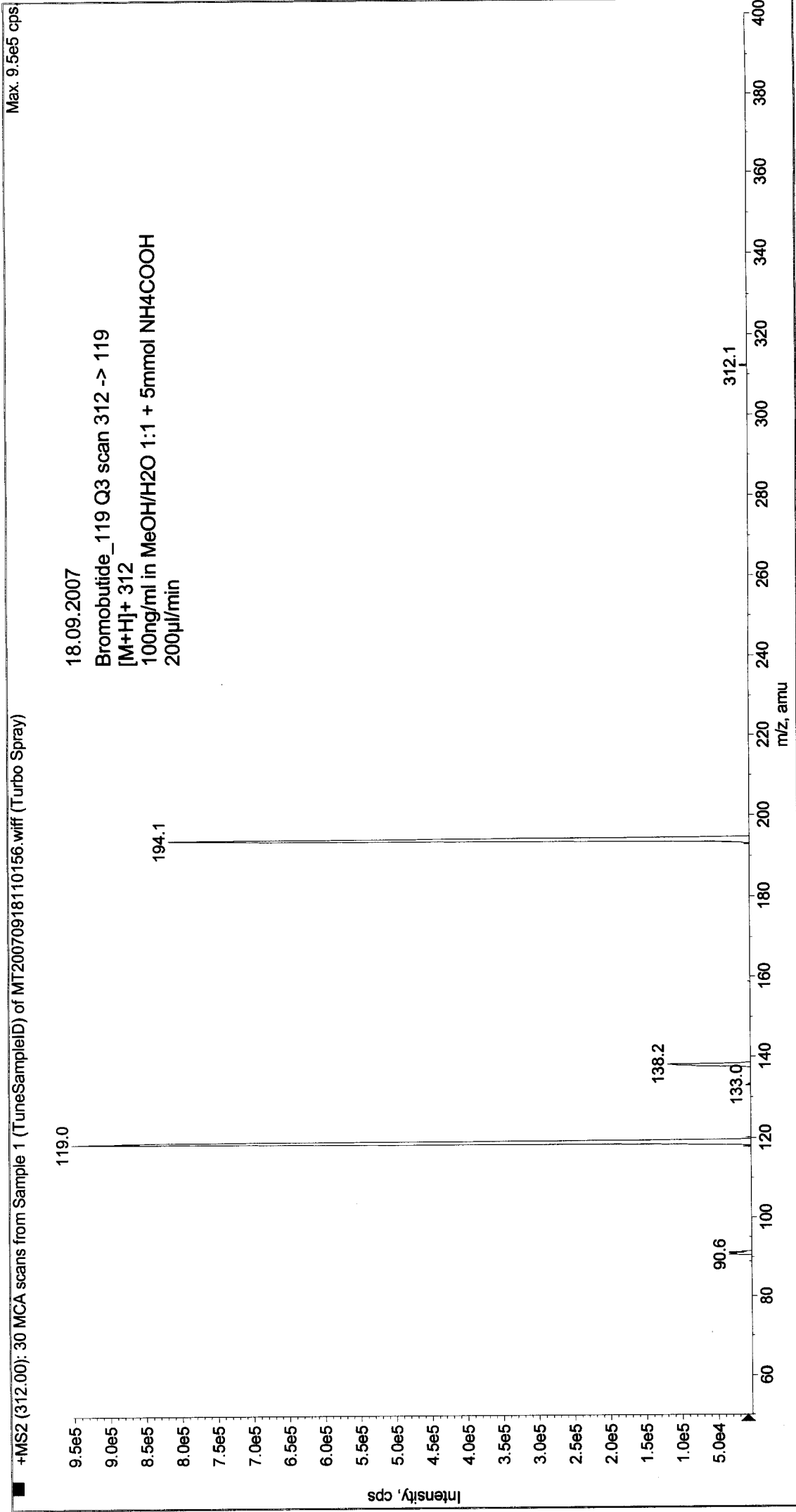
Acq. Date: Tuesday, September 18, 2007

Acq. File: MT20070918110156.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat



Printing Time: 11:04:06

Printing Date: Tuesday, September 18, 2007

Acq. Time: 11:03

Acq. Date: Tuesday, September 18, 2007

Acq. File: MT20070918110311.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

