

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

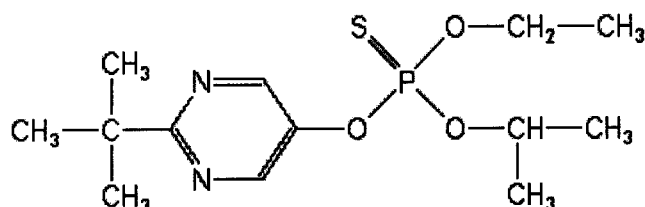
Analyte: Tebupirimfos

CAS No.: 96182-53-5

Formula: C₁₃H₂₃N₂O₃PS

Molecular mass (lowest isotopes): 318,12 amu

Structure:



Ionisation: ESI +

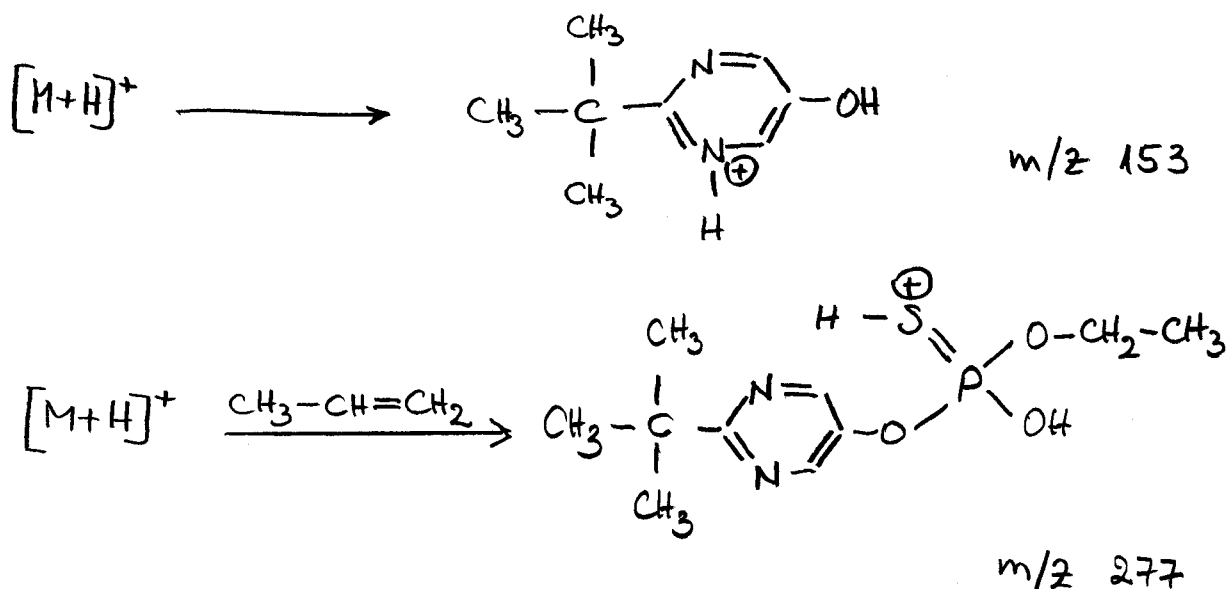
Quasimolecular ion: 319,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	319,1 → 153,1	319,1 → 277,1
Declustering potential (DP) ^{*)}	36 V	36 V
Focusing potential (FP)	370 V	350 V
Entrance potential (EP)	10,5 V	10,5 V
Collision cell entrance potential (CEP)	20 V	22 V
Collision energy (CE)	39 V	19 V
Collision cell exit potential (CXP)	8 V	14 V

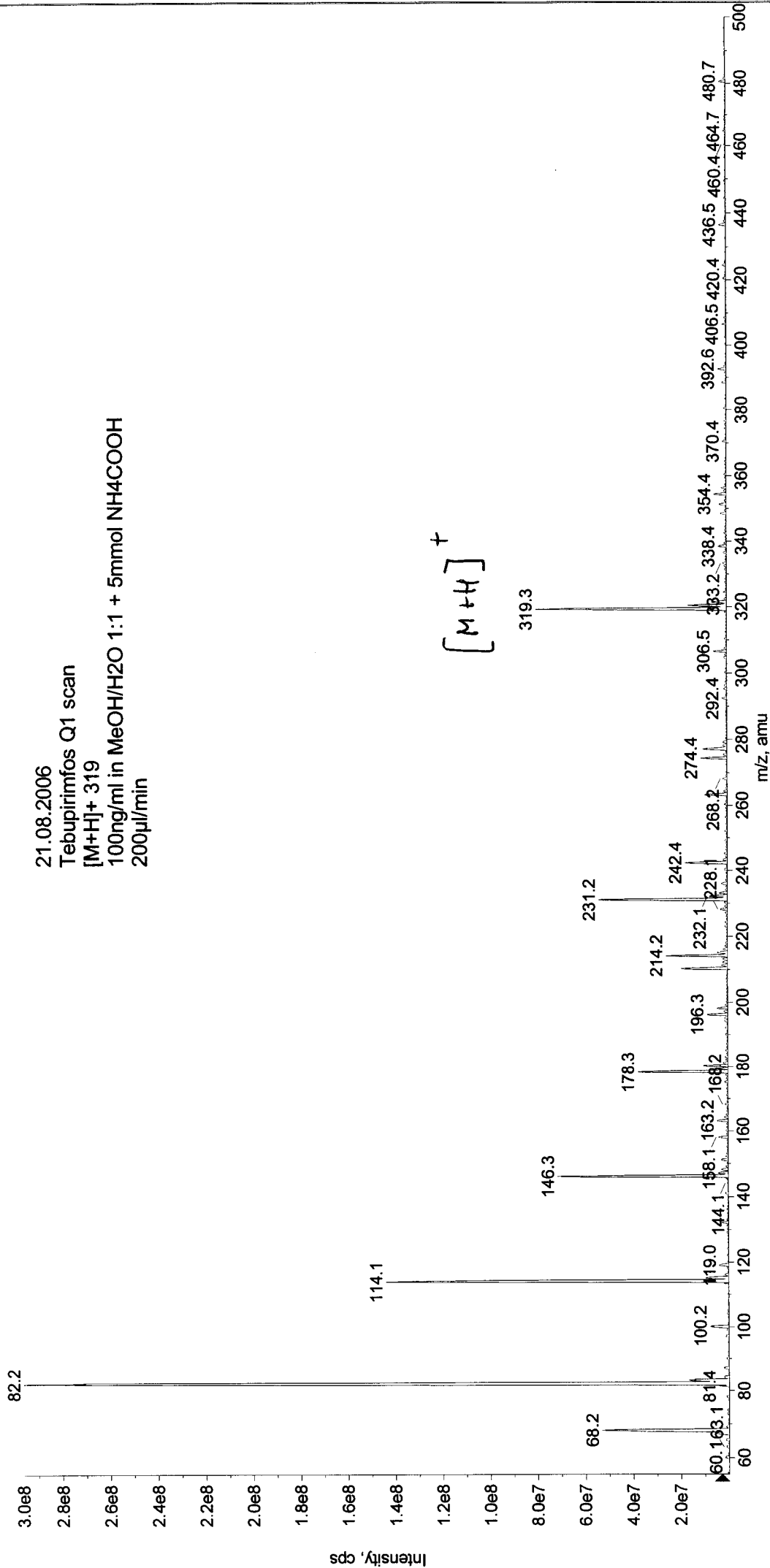
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060821145028.wiff (Turbo Spray)

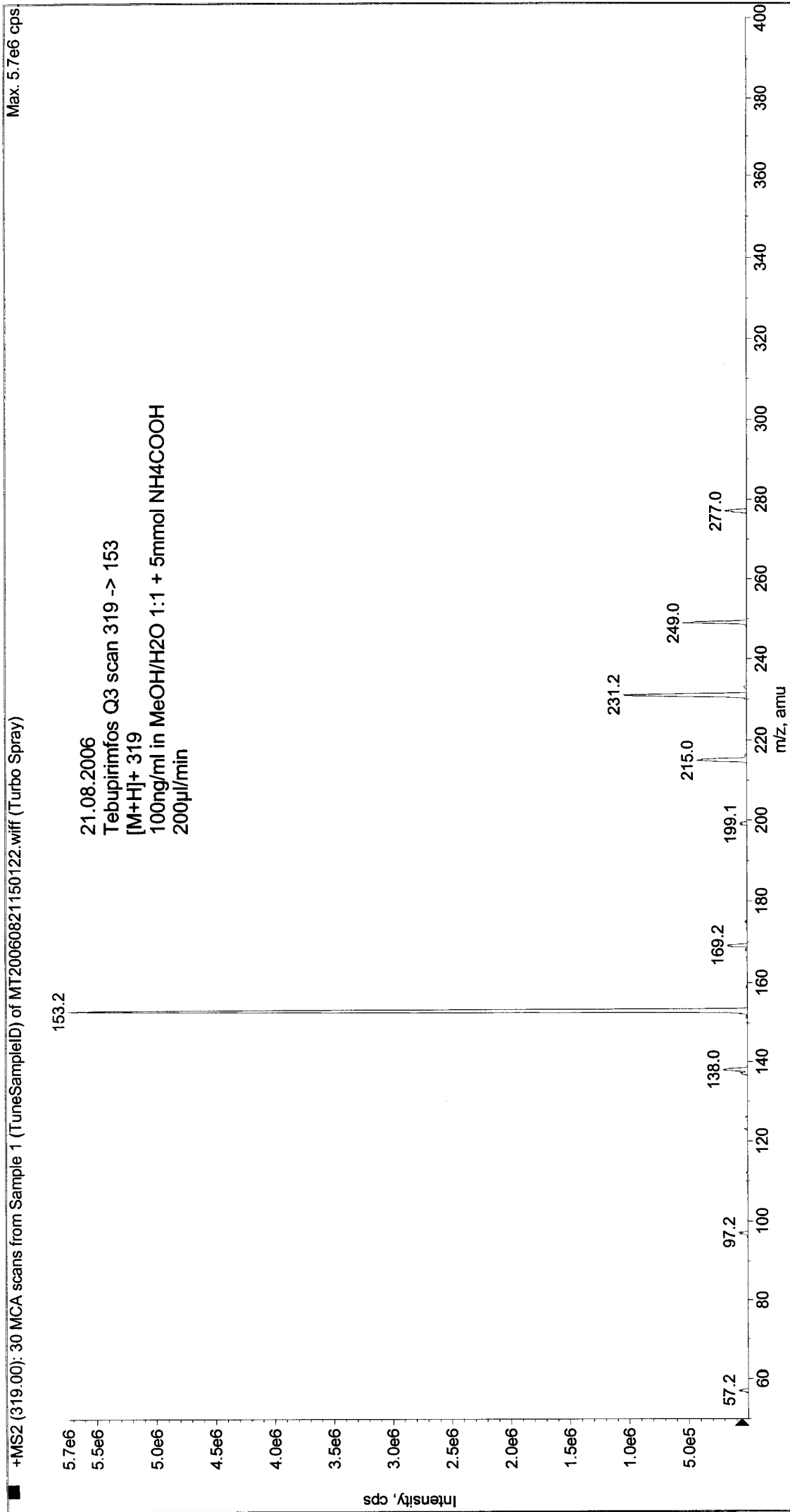
Max. 3.0e8 cps

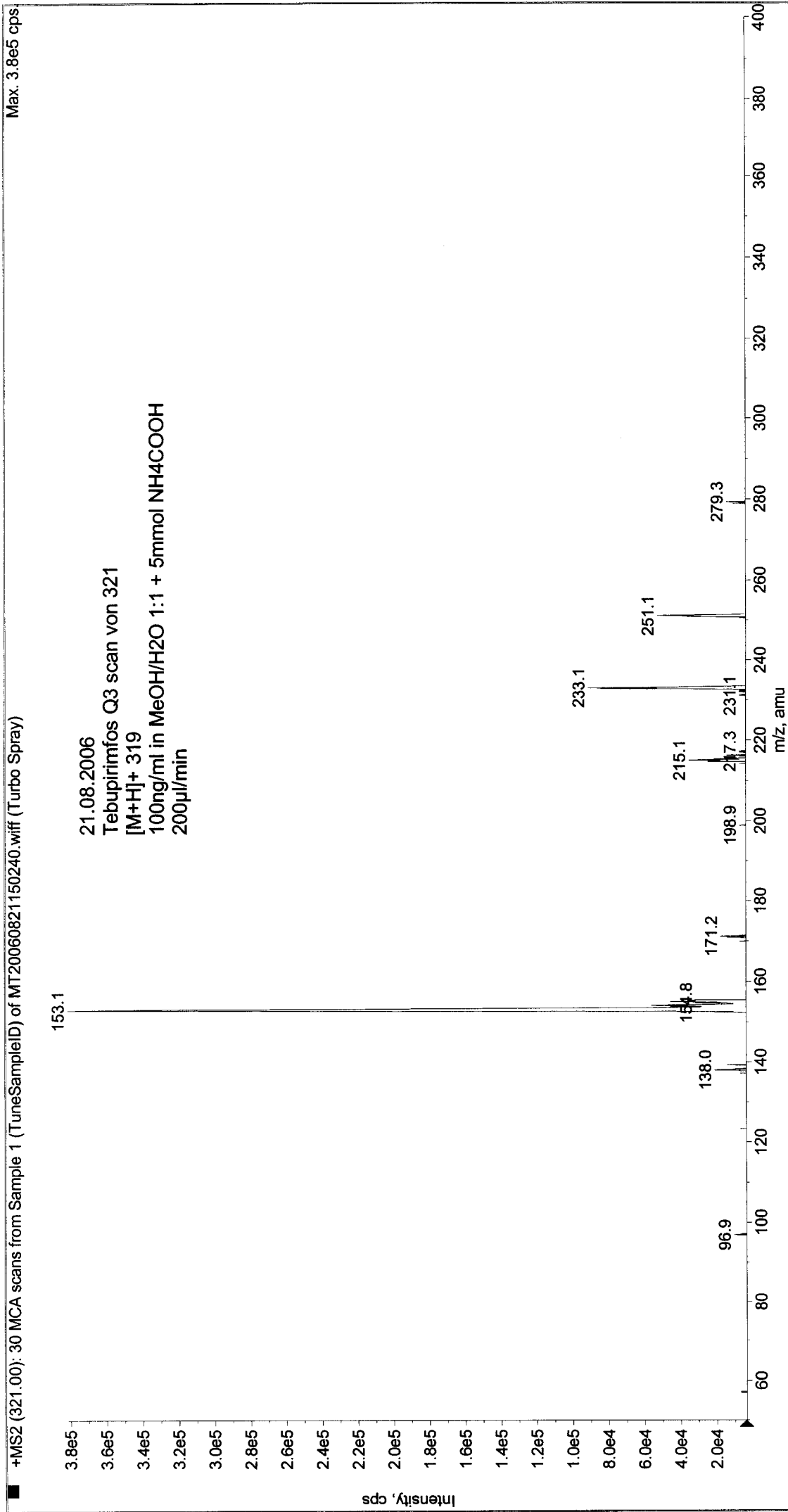


Printing Time: 15:02:28
Printing Date: Monday, August 21, 2006

Acq. Time: 15:01
Acq. Date: Monday, August 21, 2006
Acq. File: MT20060821150122.wiff

Sample Comment:
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Batch Name: ManualTune.bat

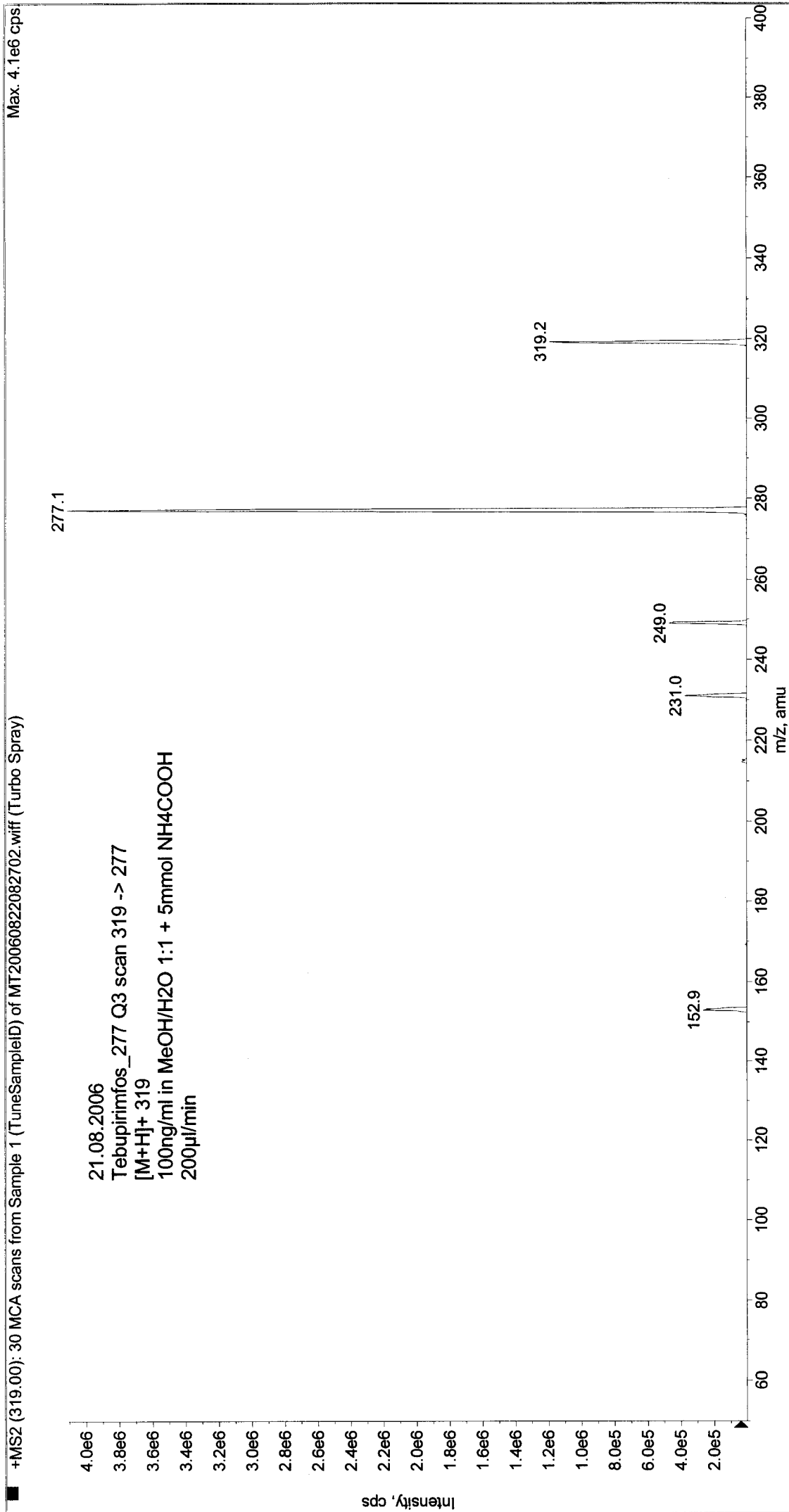




Printing Time: 8:28:05
Printing Date: Tuesday, August 22, 2006

Acq. Time: 08:27
Acq. Date: Tuesday, August 22, 2006
Acq. File: MT20060822082702.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat



+MS2 (321.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20060822082823.wiff (Turbo Spray)

Max. 2.4e5 cps

