

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

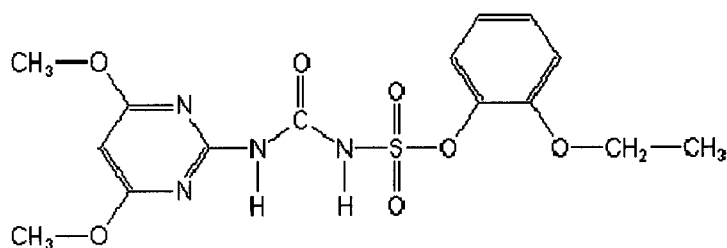
Analyte: Ethoxysulfuron

CAS No.: 126801-58-9

Formula: C₁₅H₁₈N₄O₇S

Molecular mass (lowest isotopes): 398,09 amu

Structure:



Ionisation: ESI +

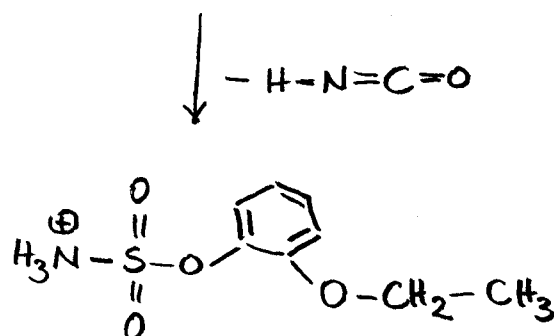
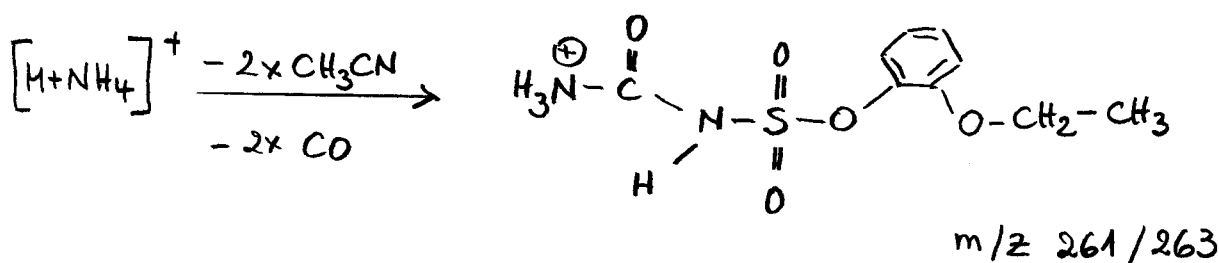
Quasimolecular ion: 399,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	399,1 → 261,0	399,1 → 218,0
Declustering potential (DP) ^{*)}	19 V	19 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	11,0 V	10,0 V
Collision cell entrance potential (CEP)	20 V	24 V
Collision energy (CE)	21 V	33 V
Collision cell exit potential (CXP)	14 V	10 V

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

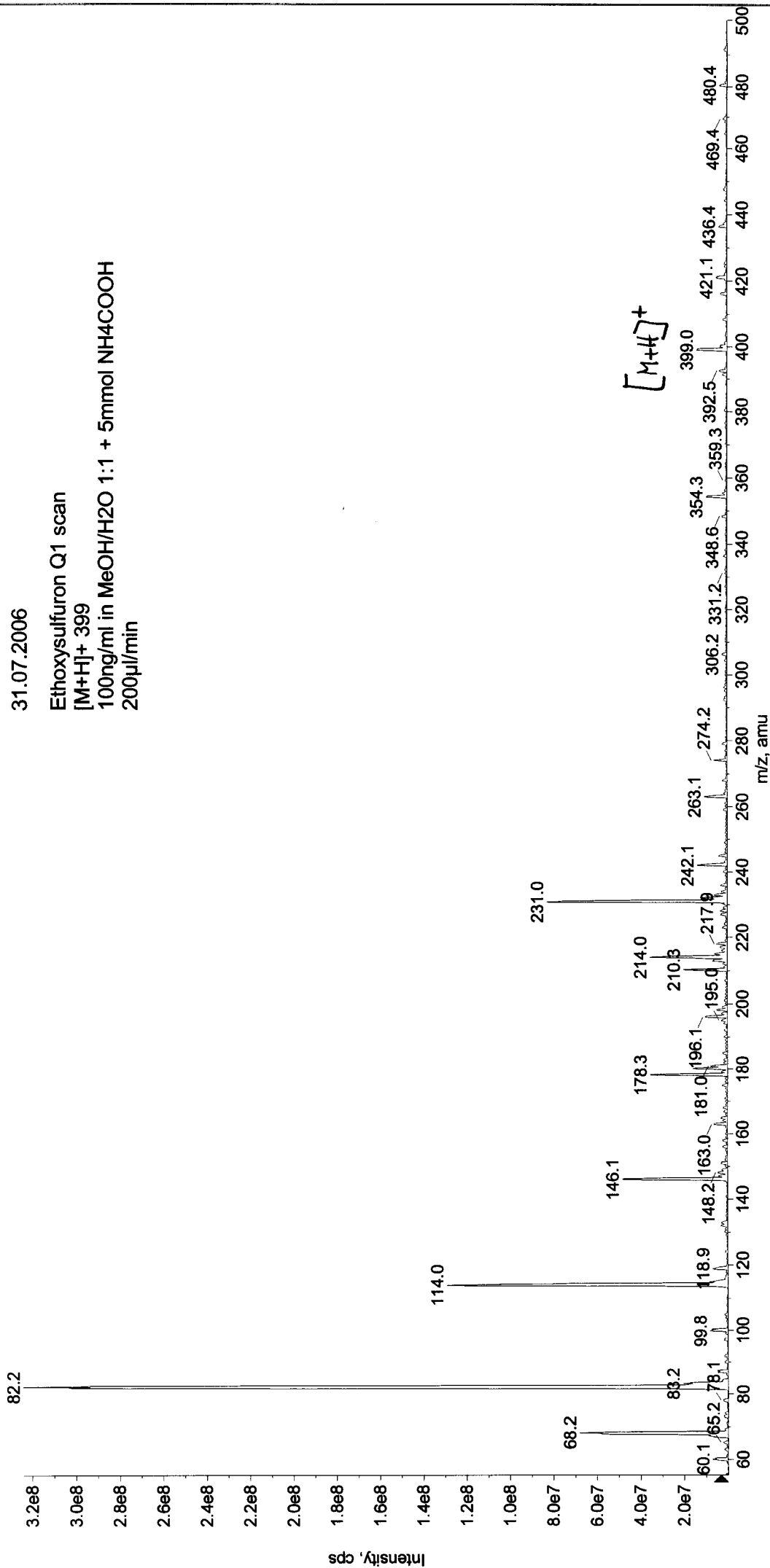
Fragmentation

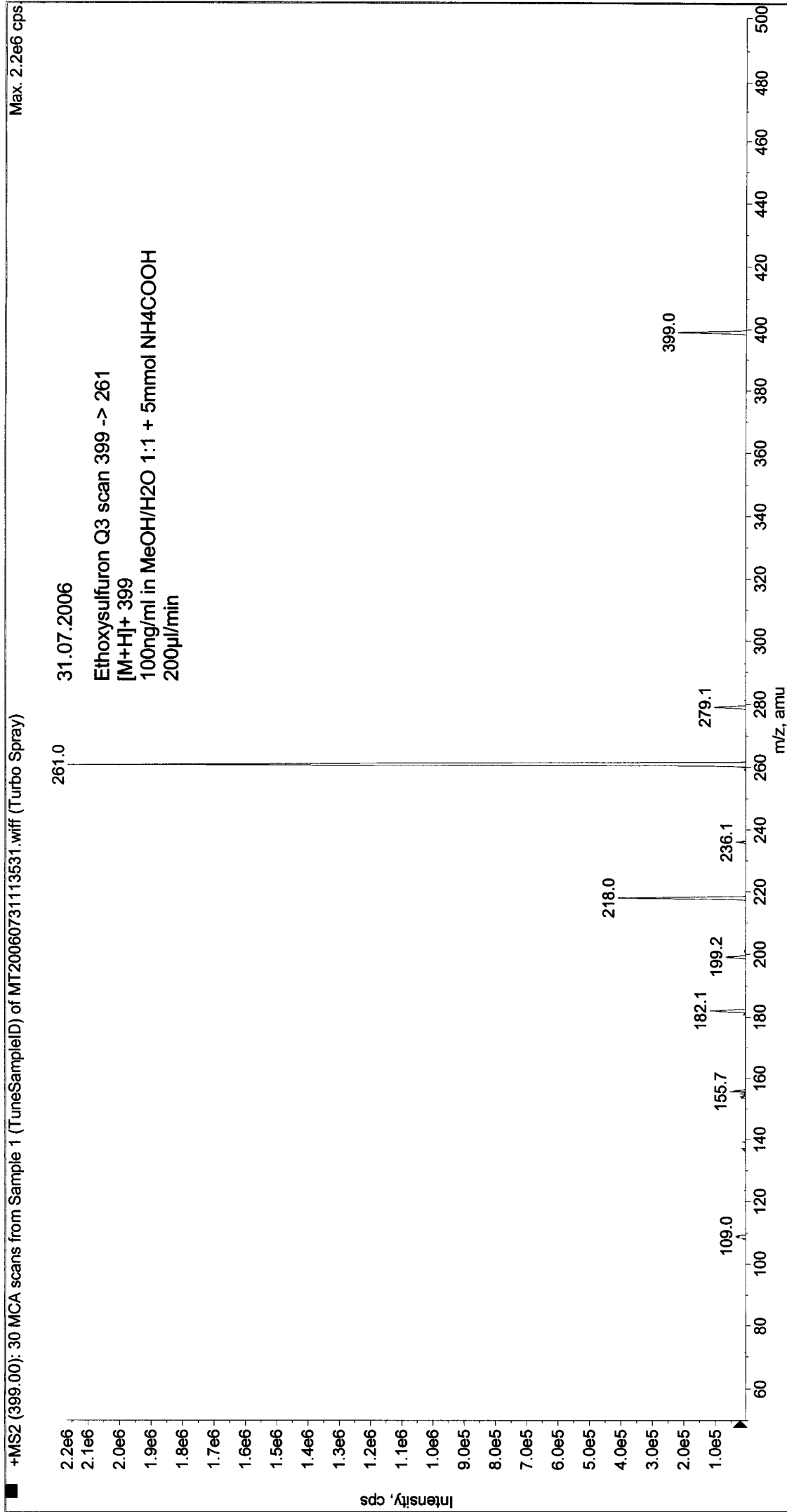
 $m/z \ 218/220$

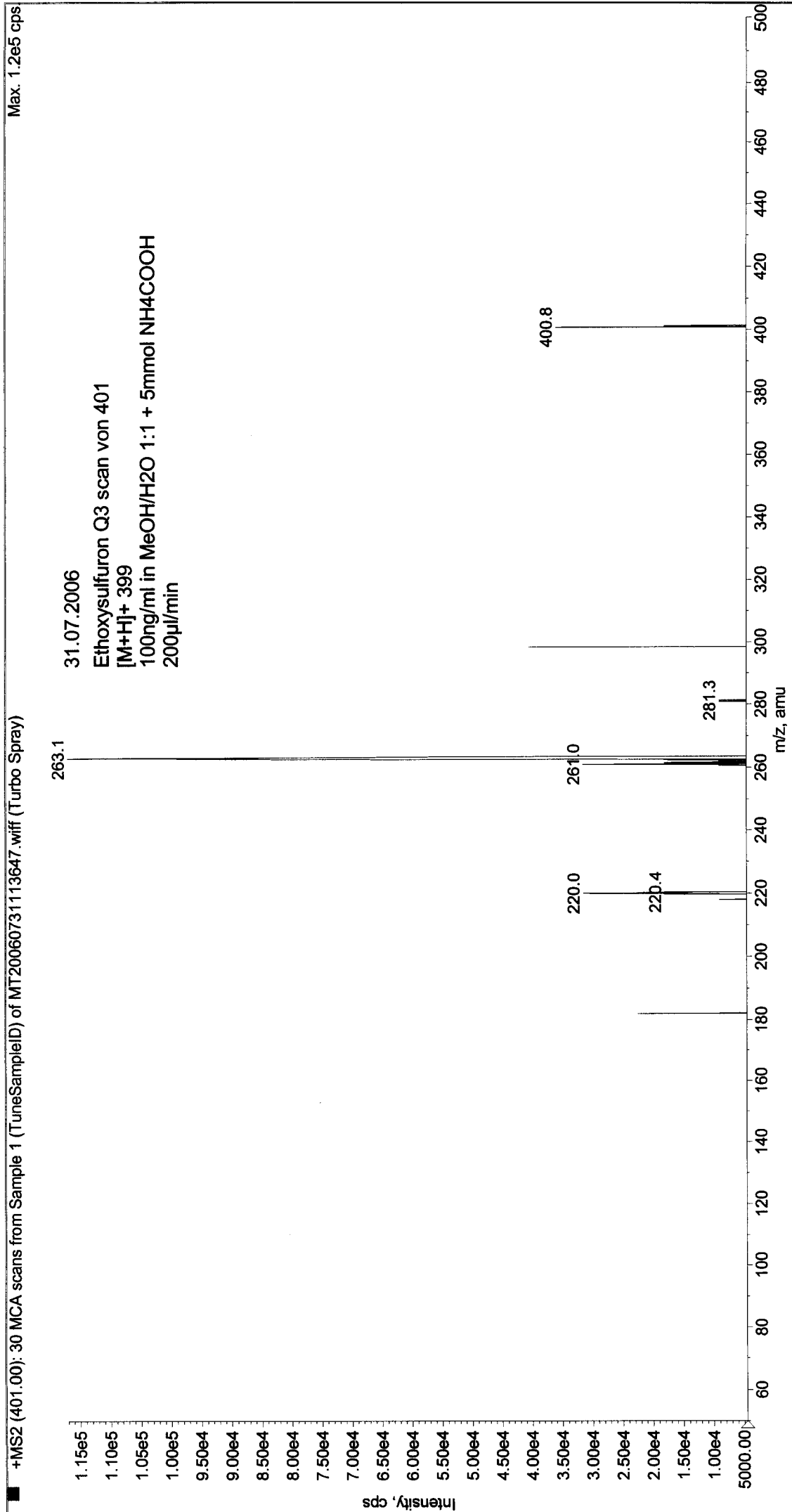
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060731112929.wiff (Turbo Spray)

Max. 3.2e8 cps

31.07.2006
Ethoxysulfuron Q1 scan
[M+H]⁺ 399
100ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min







Printing Time: 11:45:26
Printing Date: Monday, July 31, 2006

Acq. Time: 11:44
Acq. Date: Monday, July 31, 2006
Acq. File: MT20060731114413.wiff

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

