

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

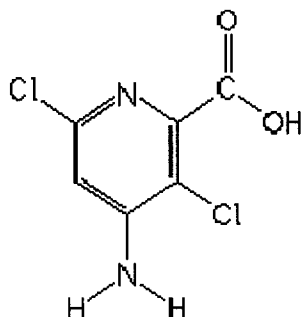
Analyte: Aminopyralid

CAS No.: 150114-71-9

Formula: C₆H₄Cl₂N₂O₂

Molecular mass (lowest isotopes): 205,96 amu

Structure:



Ionisation: ESI +

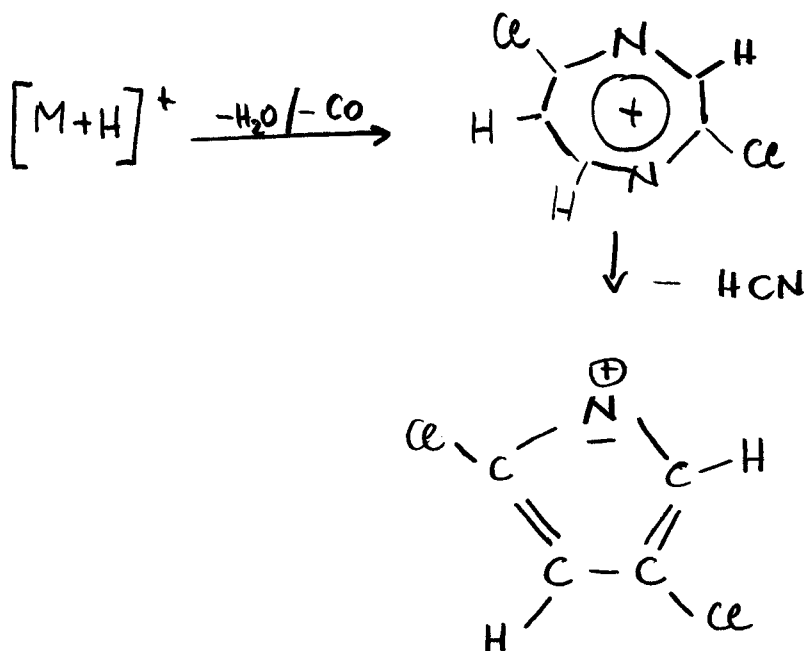
Quasimolecular ion: 207,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	207,0 → 161,0	207,0 → 134,0
Declustering potential (DP) ^{*)}	49 V	49 V
Focusing potential (FP)	370 V	320 V
Entrance potential (EP)	11,5 V	10,5 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	29 V	43 V
Collision cell exit potential (CXP)	8 V	6 V

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

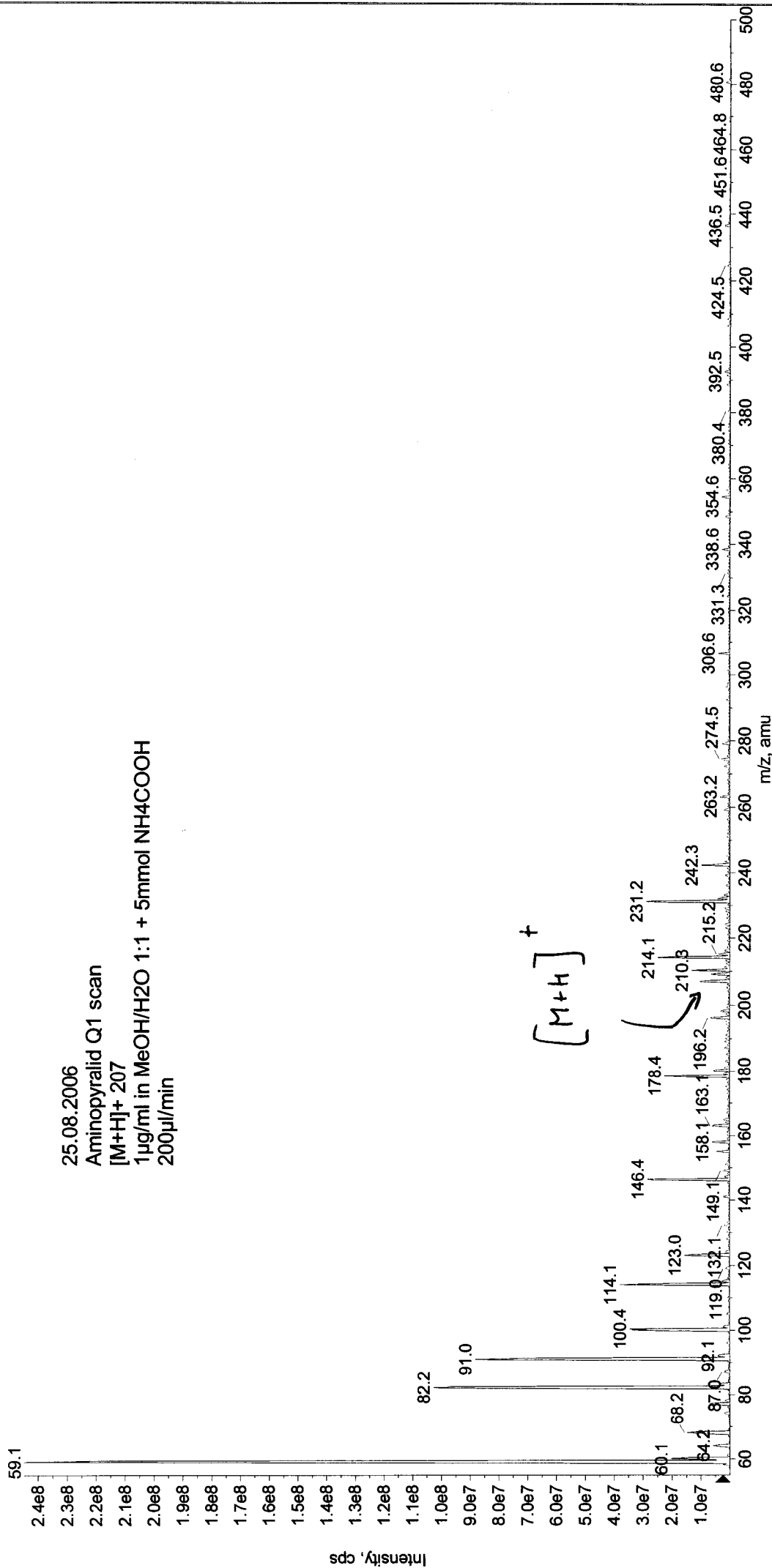
Fragmentation

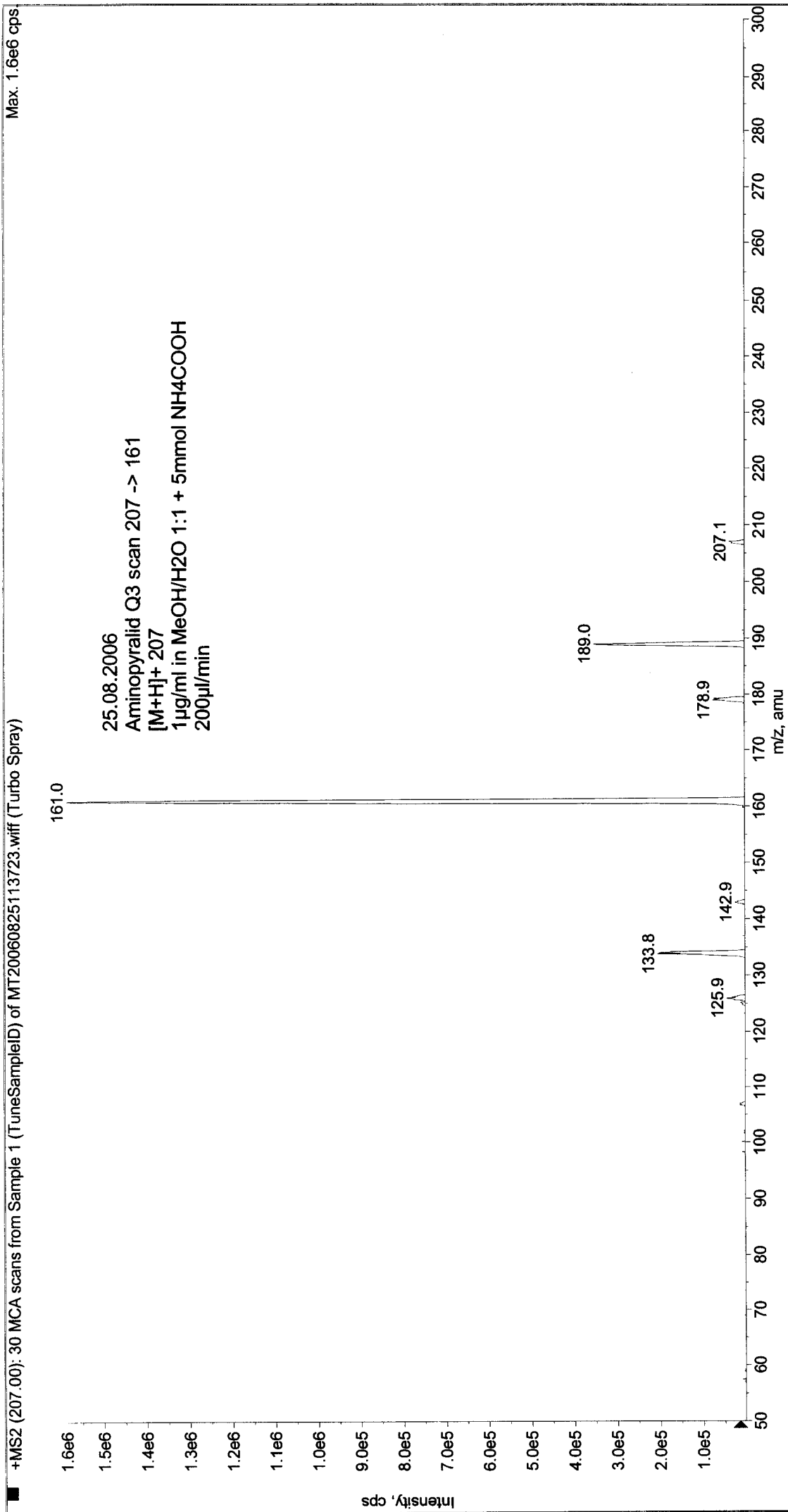
 m/z 161/163/165 m/z 134/136/138

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060825113444.wiff (Turbo Spray)

Max. 2.4e8 cps

25.08.2006
Aminopyralid Q1 scan
[M+H]⁺ 207
1 µg/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200 µl/min





Printing Time: 11:41:08
Printing Date: Friday, August 25, 2006

Acq Time: 11:39
Acq. Date: Friday, August 25, 2006
Acq. File: MT20060825113919.wiff

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

