

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

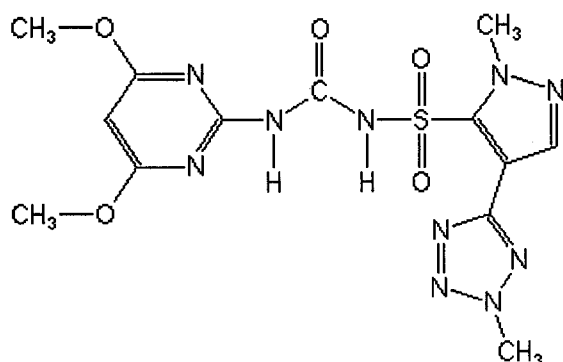
Analyte: Azimsulfuron

CAS No.: 120162-55-2

Formula: C₁₃H₁₆N₁₀O₅S

Molecular mass (lowest isotopes): 424,10 amu

Structure:



Ionisation: ESI +

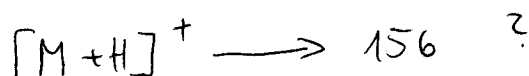
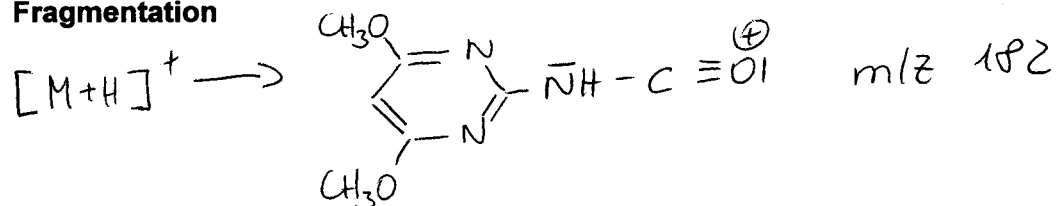
Quasimolecular ion: 425,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	425,1 → 182,1	425,1 → 156,1
Declustering potential (DP)*)	31 V	31 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	8,5 V	8,5 V
Collision cell entrance potential (CEP)	24 V	24 V
Collision energy (CE)	23 V	43 V
Collision cell exit potential (CXP)	10 V	8 V

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

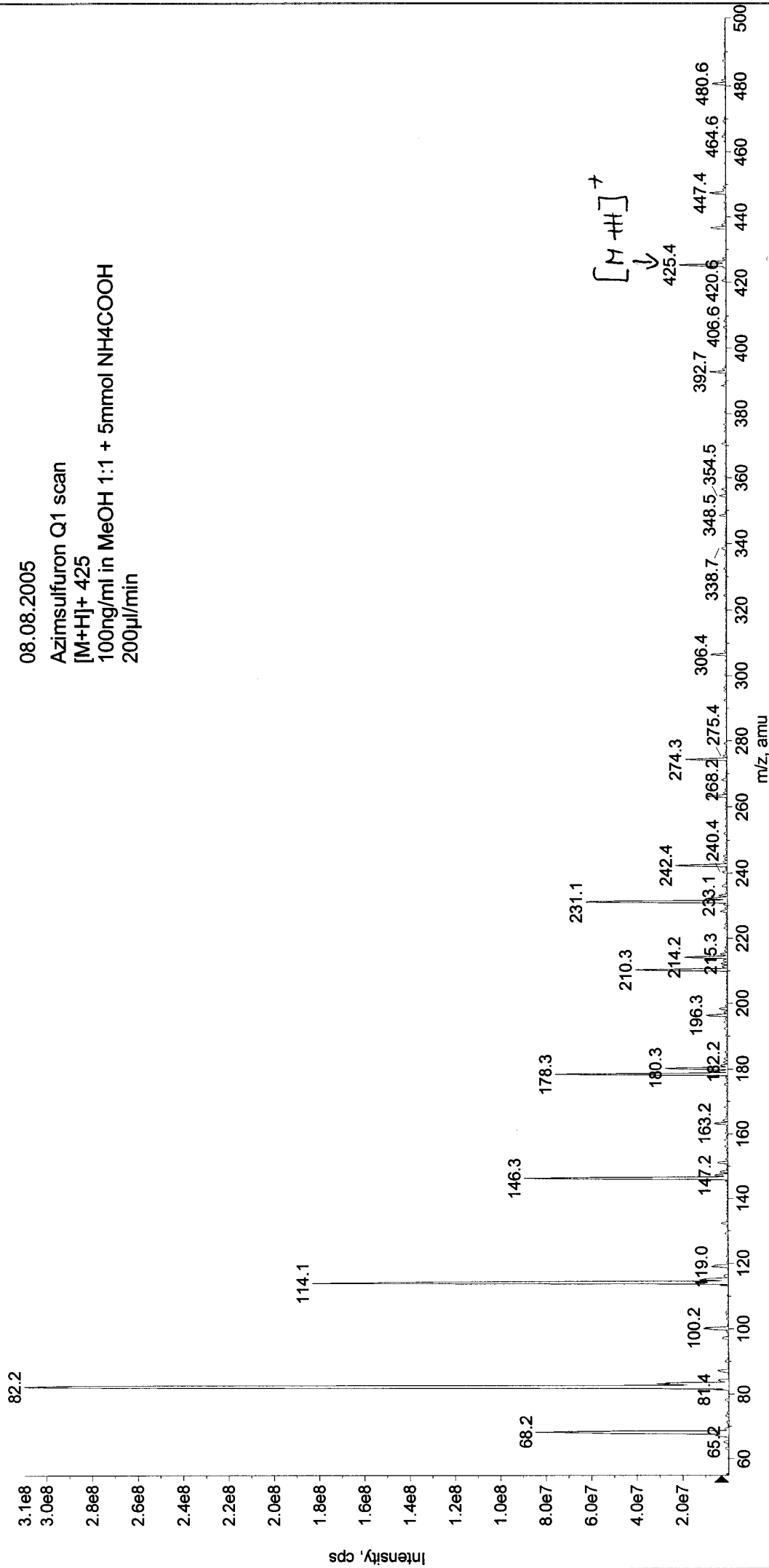
Fragmentation

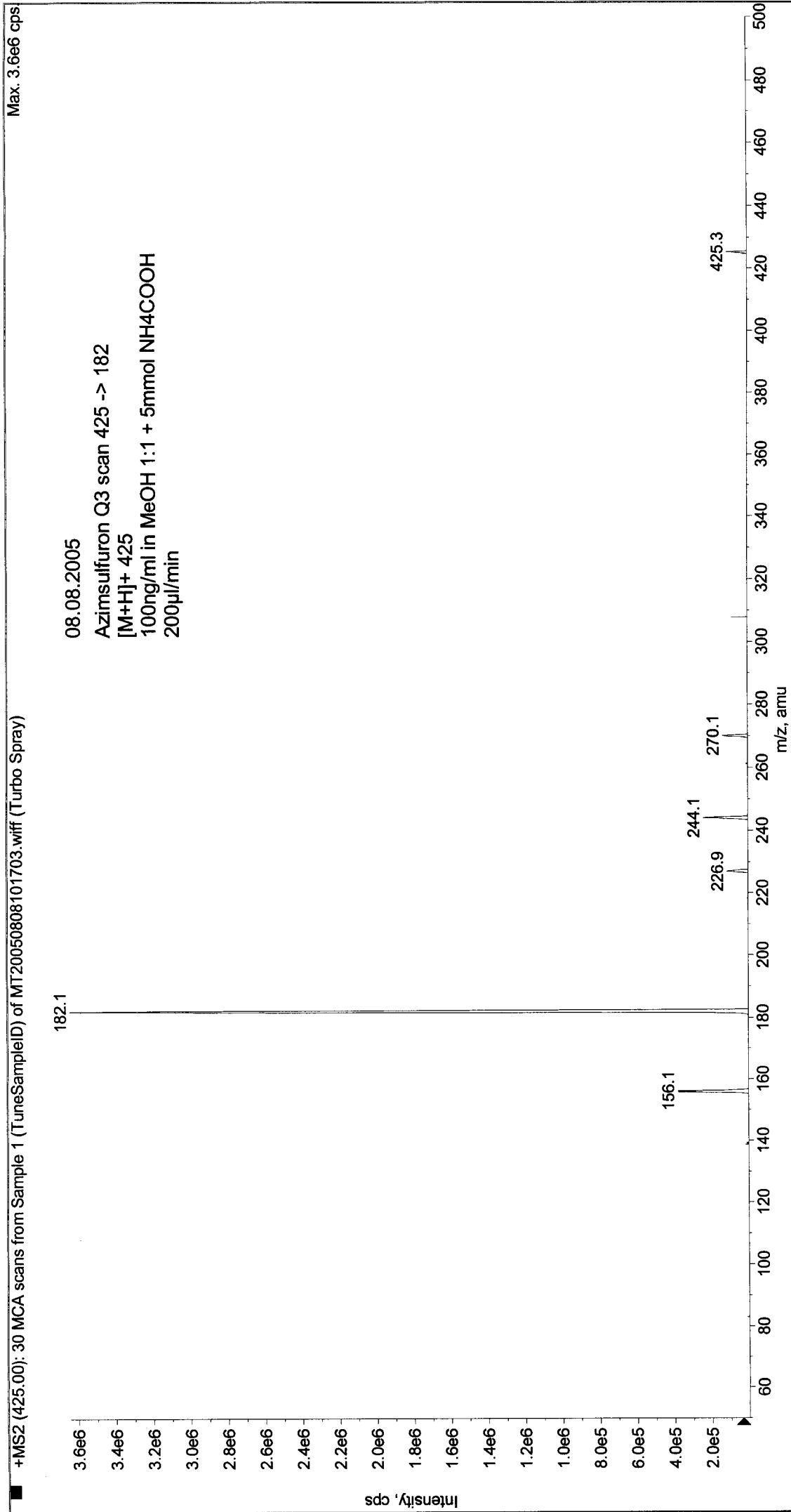


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050808101444.wiff (Turbo Spray)

Max. 3.1e8 cps

08.08.2005
Azimsulfuron Q1 scan
[M+H]⁺ 425
100ng/ml in MeOH 1:1 + 5mmol NH₄COOH
200µl/min





Printing Time: 10:19:20
Printing Date: Monday, August 08, 2005

Acq. Time: 10:18
Acq. Date: Monday, August 08, 2005
Acq. File: MT20050808101823.wiff

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

