

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

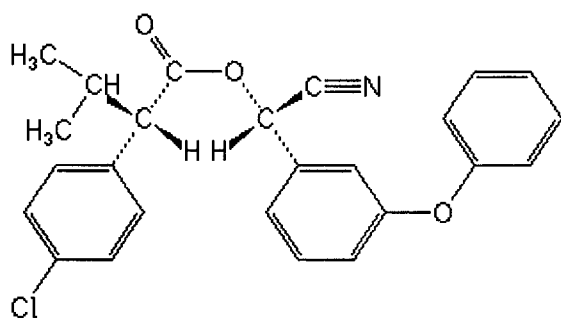
Analyte: Esfenvalerate

CAS No.: 66230-04-4

Formula: C₂₅H₂₂ClNO₃

Molecular mass (lowest isotopes): 419,13 amu

Structure:



Ionisation: ESI +

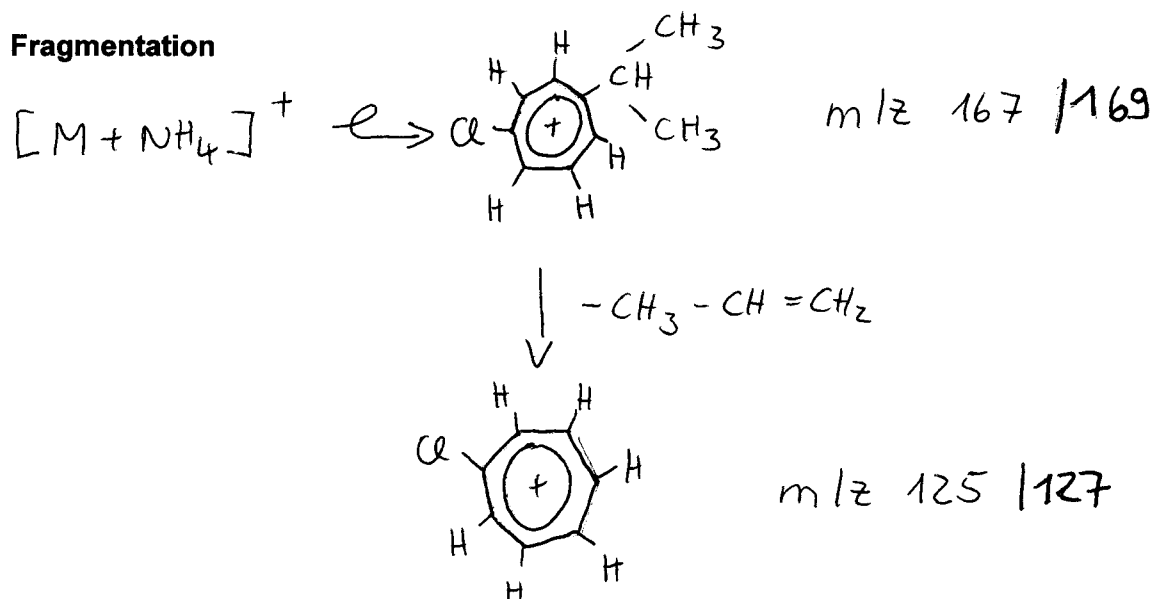
Quasimolecular ion: 437,1 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	437,1 → 167,2	437,1 → 125,0
Declustering potential (DP) ^{*)}	41V	41 V
Focusing potential (FP)	340 V	370 V
Entrance potential (EP)	8,0 V	7,5 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	23 V	51 V
Collision cell exit potential (CXP)	8 V	6 V

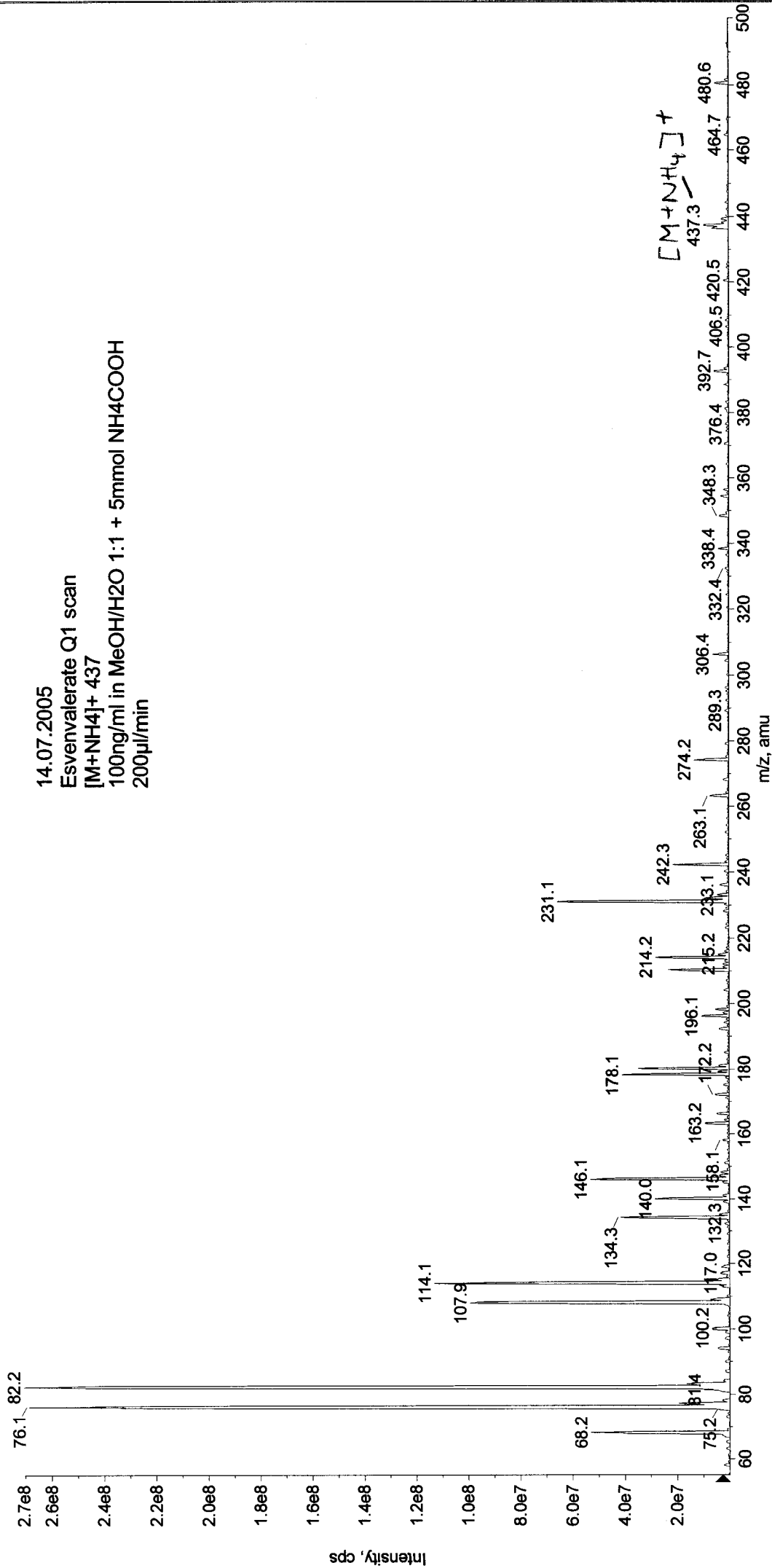
*) For API 3000 and 4000 enhance DP by 20V

Fragmentation

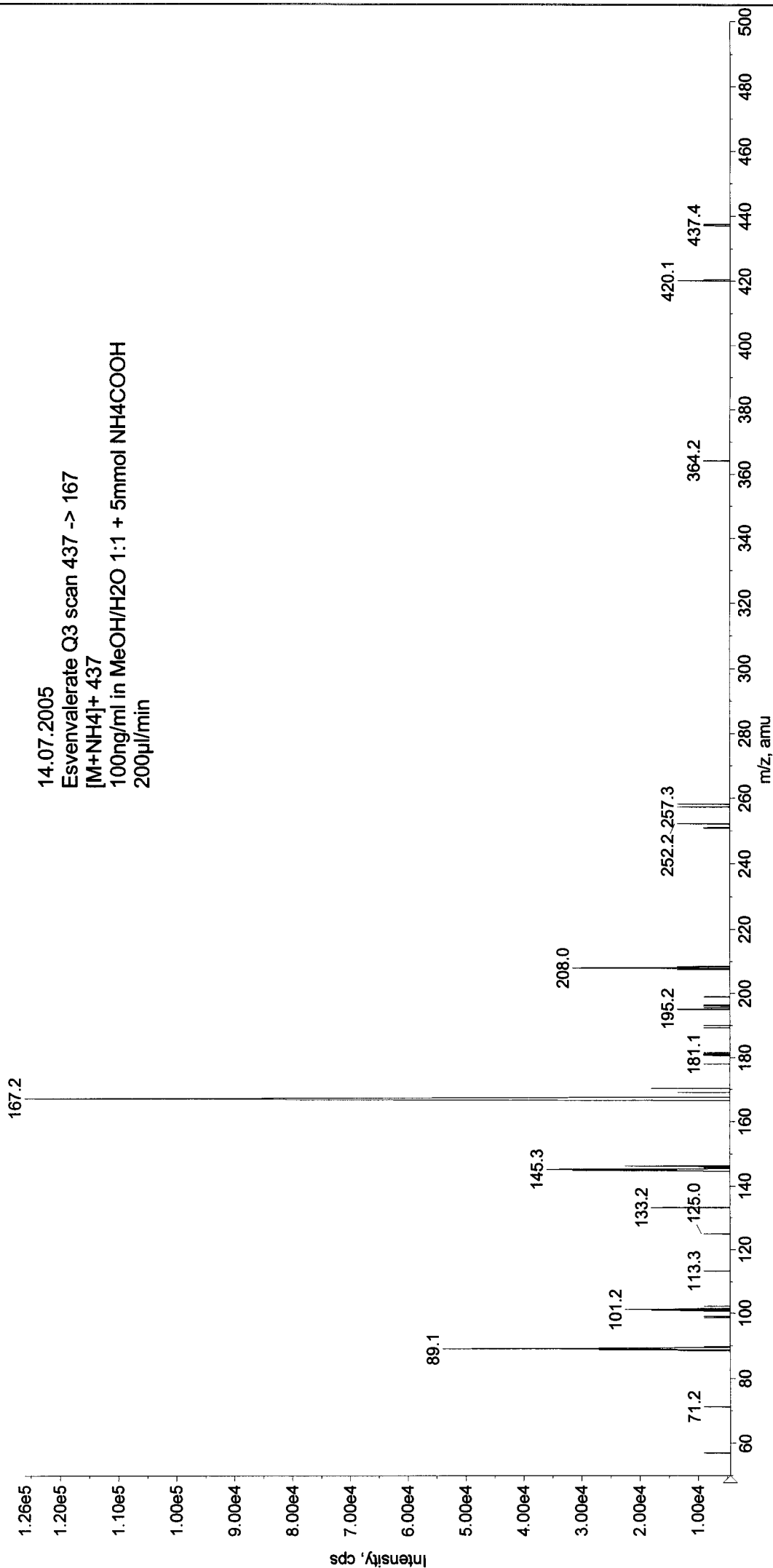


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050714132136.wiff (Turbo Spray)

Max. 2.7e8 cps



+MS2 (437.30): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050714132617.wiff (Turbo Spray) Max. 1.3e5 cps



Printing Time: 13:29:03
Printing Date: Thursday, July 14, 2005

Acq. Time: 13:28
Acq. Date: Thursday, July 14, 2005
Acq. File: MT20050714132803.wiff

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

