

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

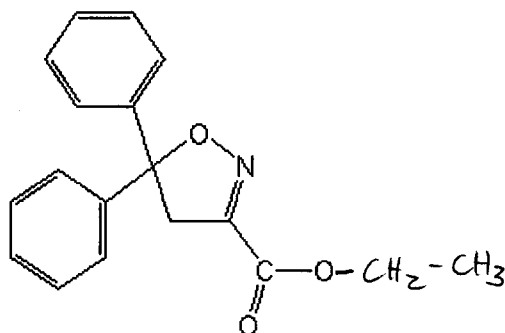
Analyte: Isoxadifen-ethyl

CAS No.: 163520-33-0

Formula: C₁₈H₁₇NO₃

Molecular mass (lowest isotopes): 295,12 amu

Structure:



Ionisation: ESI +

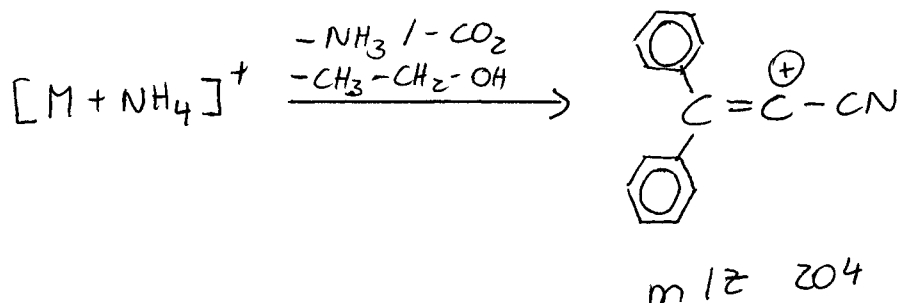
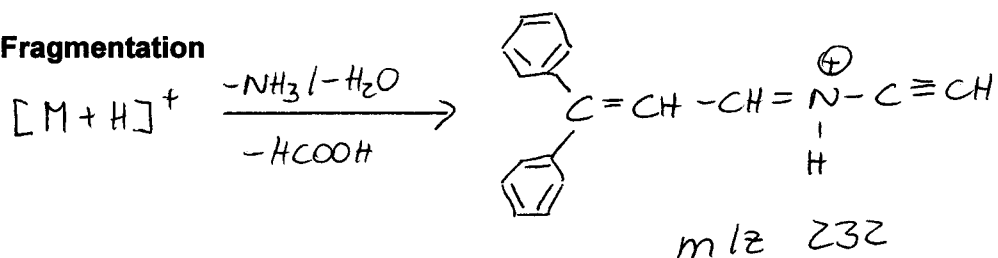
Quasimolecular ion: 313,2 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	313,2 → 232,1	313,2 → 204,2
Declustering potential (DP) ^{*)}	14V	14 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12 V	12 V
Collision cell entrance potential (CEP)	20 V	22 V
Collision energy (CE)	27 V	39 V
Collision cell exit potential (CXP)	12 V	10 V

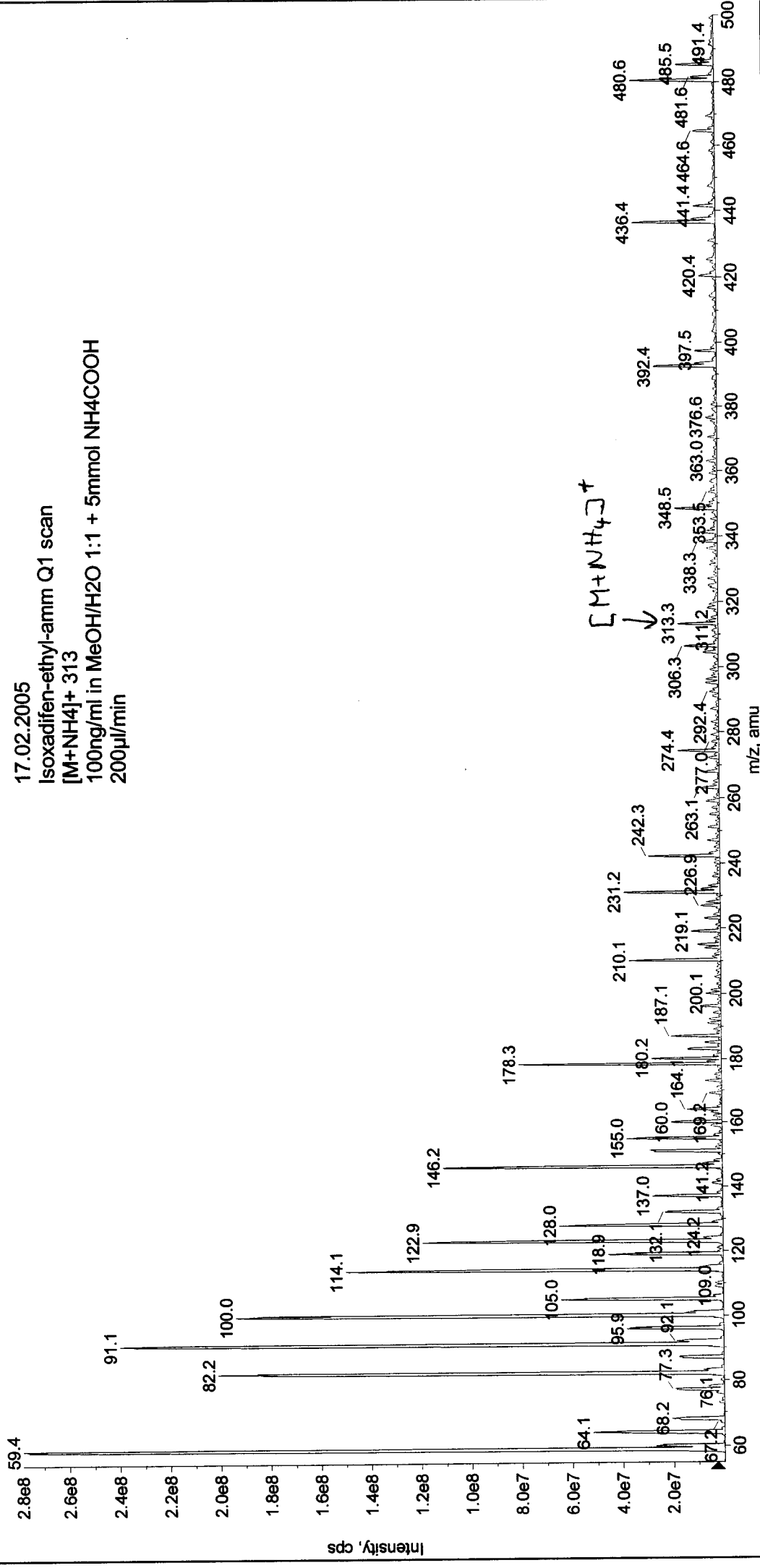
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



Max. 2.8e8 cps

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050217135723.wiff (Turbo Spray)



Printing Time: 14:57:53

Printing Date: Thursday, February 17, 2005

Acq. Time: 14:56

Acq. Date: Thursday, February 17, 2005

Acq. File: MT20050217145651.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

