

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

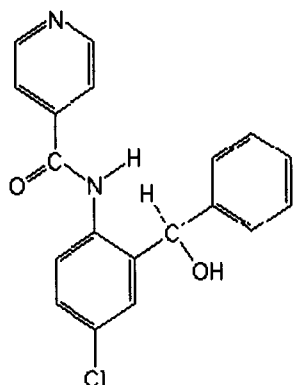
Analyte: Inabenfide

CAS No.: 82211-24-3

Formula: C₁₉H₁₅ClN₂O₂

Molecular mass (lowest isotopes): 338,08 amu

Structure:



Ionisation: ESI +

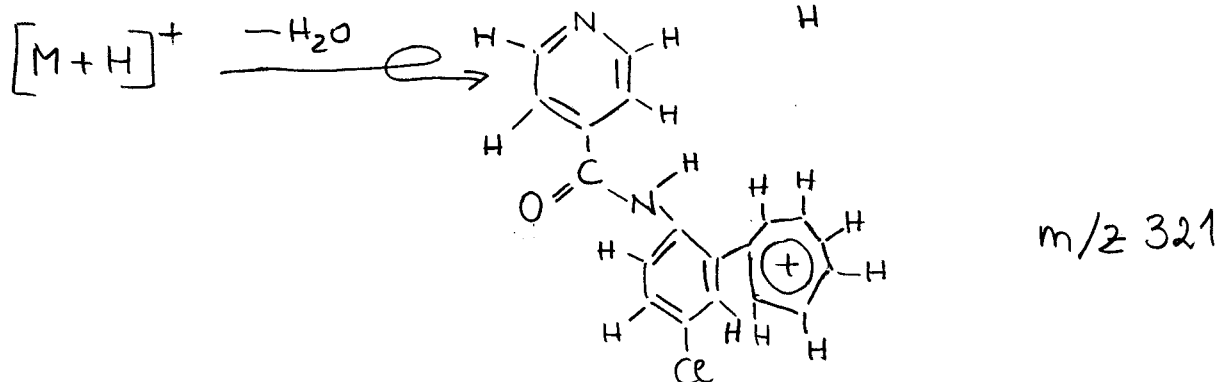
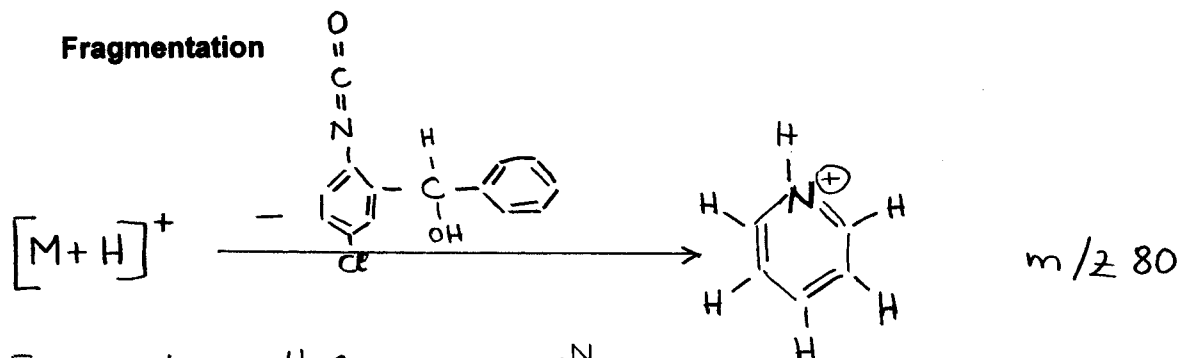
Quasimolecular ion: 339,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

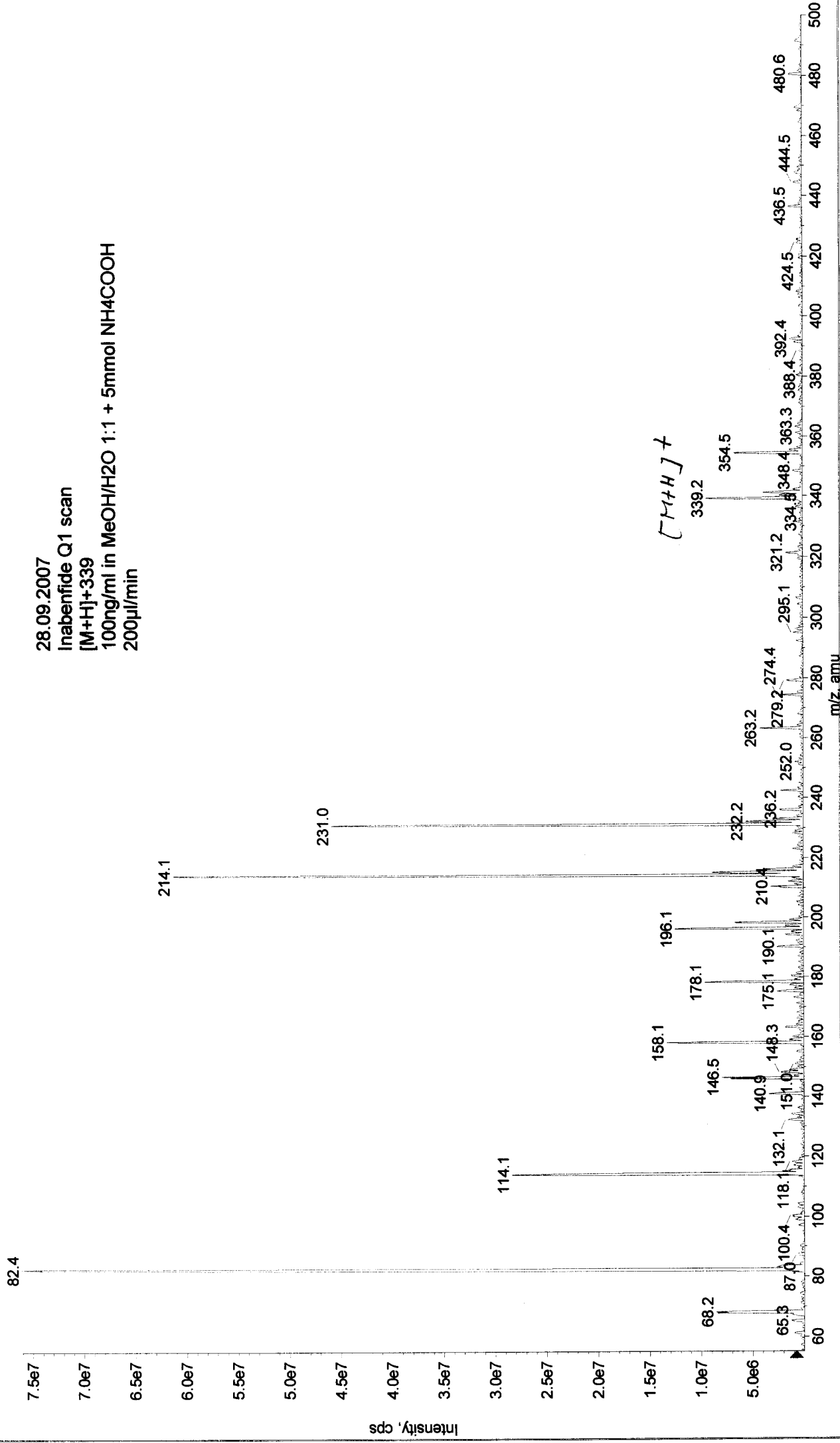
Transition	339,1 → 80,0	339,1 → 321,1
Declustering potential (DP) ^{*)}	33,5 V	33,5 V
Focusing potential (FP)	340 V	340 V
Entrance potential (EP)	11 V	9,5 V
Collision cell entrance potential (CEP)	20 V	22 V
Collision energy (CE)	43 V	23 V
Collision cell exit potential (CXP)	6 V	18 V

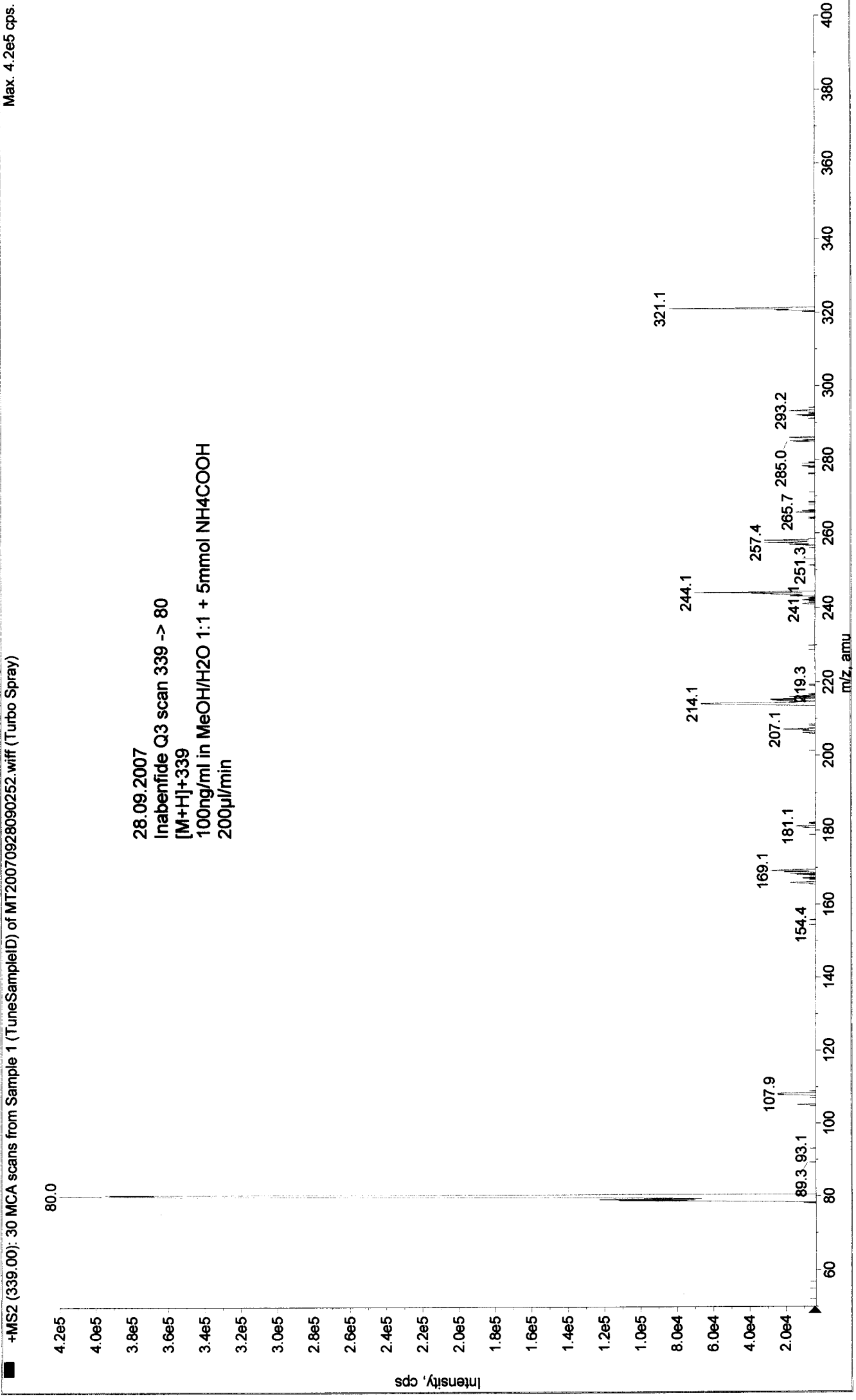
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20070928090006.wiff (Turbo Spray)





■ +MS2 (341.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20070928090536.wiff (Turbo Spray)

Max. 1.8e5 cps.

