

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

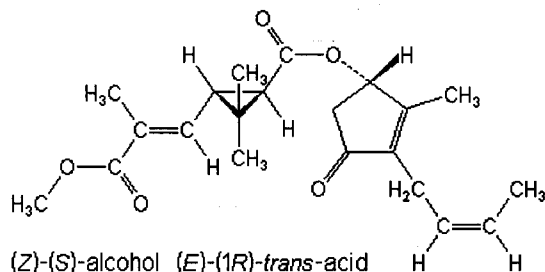
Analyte: Cinerin II

CAS No.: 121-20-0

Formula: C₂₁H₂₈O₅

Molecular mass (lowest isotopes): 360,19 amu

Structure:



Ionisation: ESI +

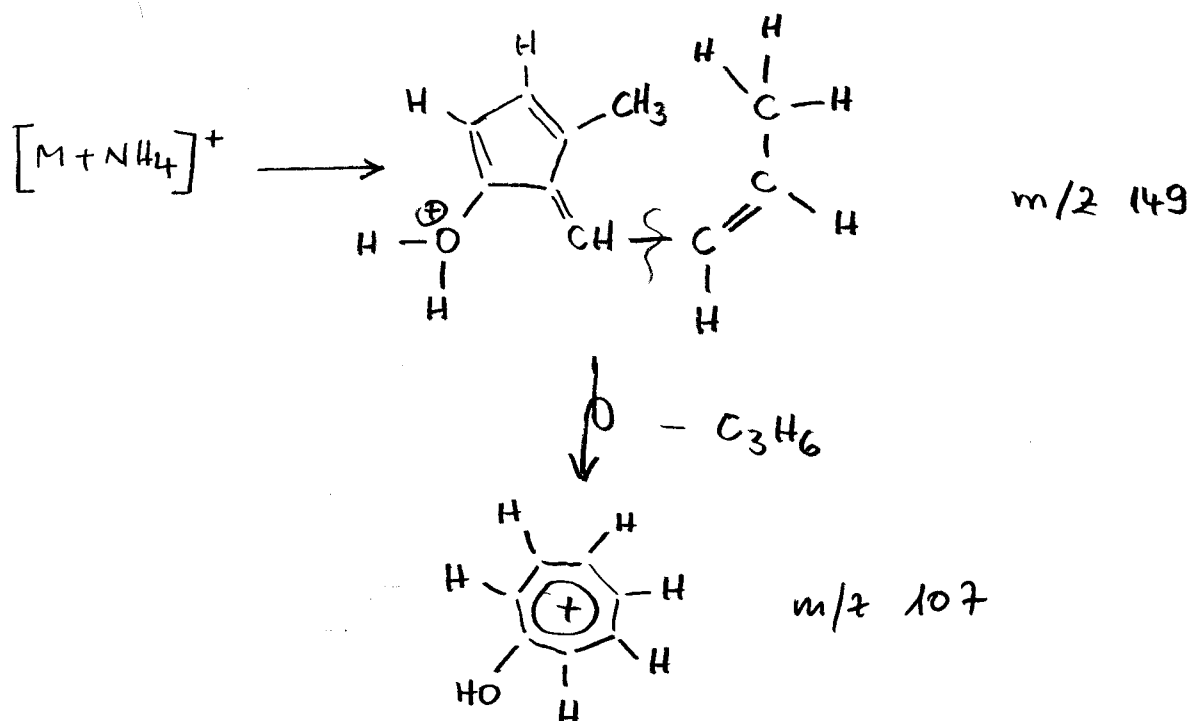
Quasimolecular ion: 378,2 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	378,2 → 107,0	378,2 → 149,1
Declustering potential (DP)*)	29 V	29 V
Focusing potential (FP)	340 V	330 V
Entrance potential (EP)	9,5 V	12,0 V
Collision cell entrance potential (CEP)	22 V	20 V
Collision energy (CE)	33 V	19 V
Collision cell exit potential (CXP)	6 V	8 V

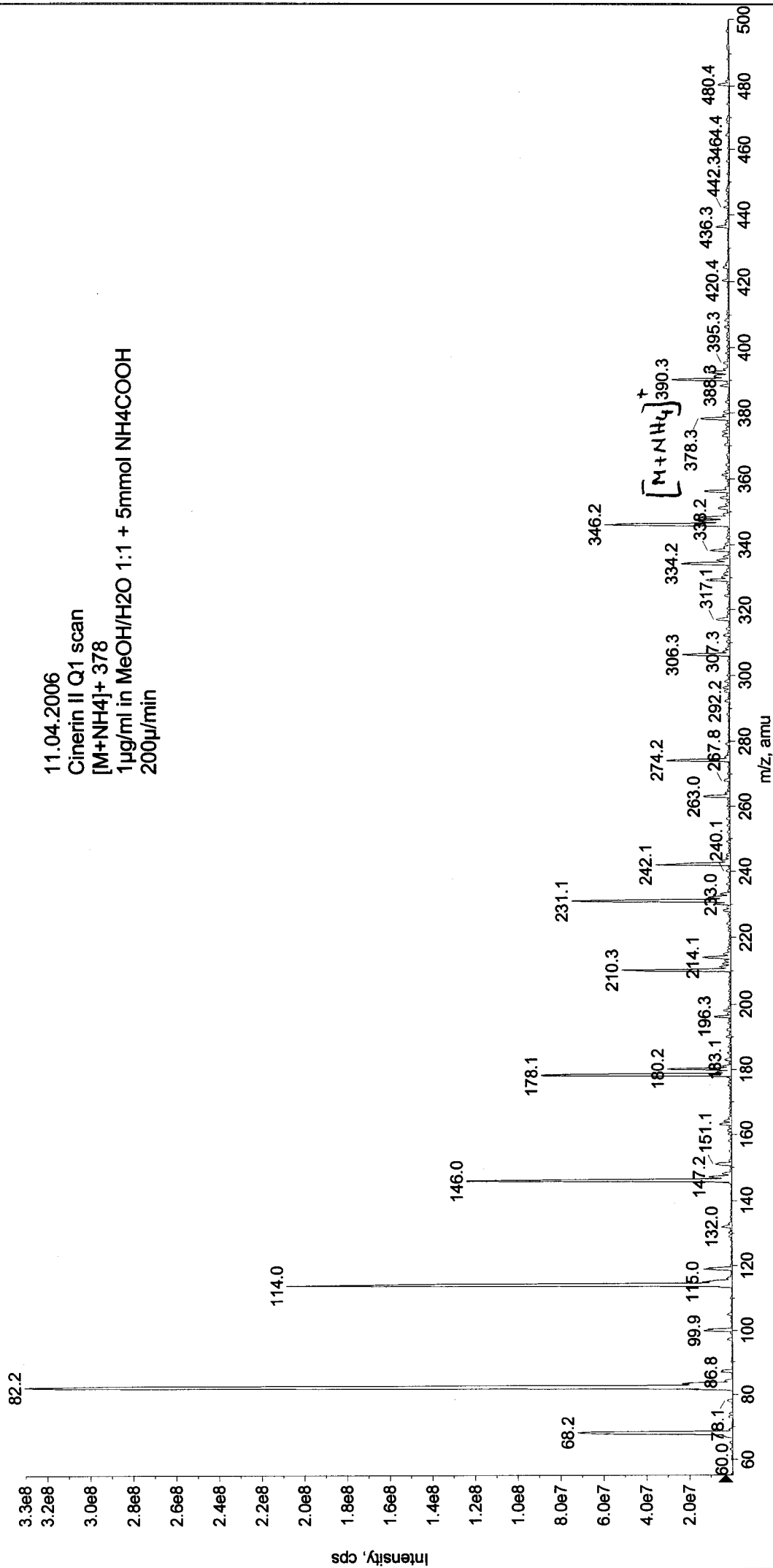
*) For API 3000 and 4000 enhance DP by 20V

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060411145040.wiff (Turbo Spray)

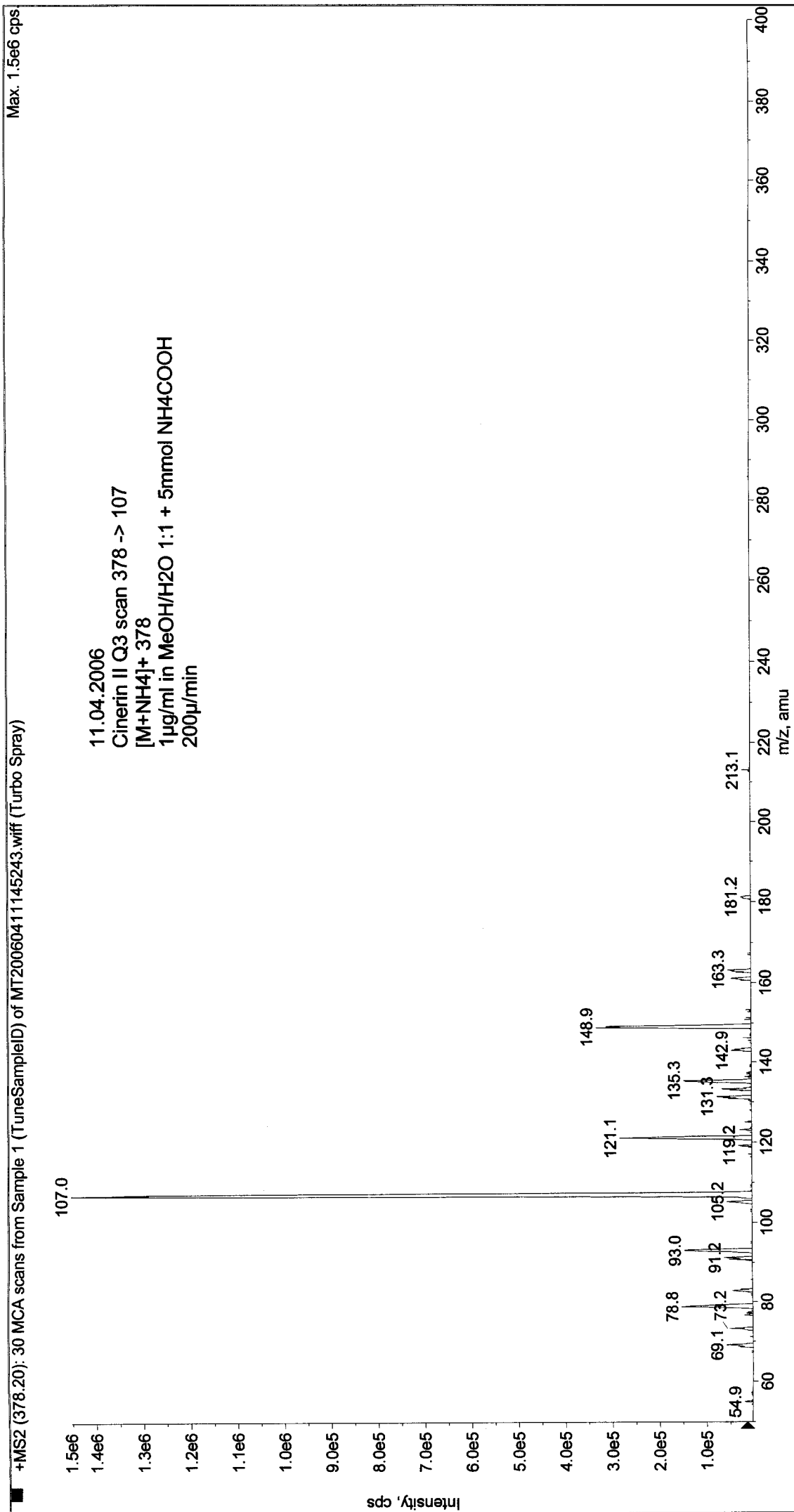
Max. 3.3e8 cps



Printing Time: 14:53:51
Printing Date: Tuesday, April 11, 2006

Acq. Time: 14:52
Acq. Date: Tuesday, April 11, 2006
Acq. File: MT20060411145243.wiff

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



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

Acq. me: 14:59
Acq. Date: Tuesday, April 11, 2006
Acq. File: MT20060411145952.wiff

Printing Time: 15:03:14
Printing Date: Tuesday, April 11, 2006

