

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

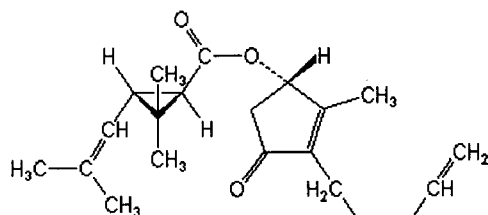
Analyte: Pyrethrin I

CAS No.: 121-21-1

Formula: C₂₁H₂₈O₃

Molecular mass (lowest isotopes): 328,20 amu

Structure:



(Z)-(S)-alcohol (1R)-trans-acid H

Ionisation: ESI +

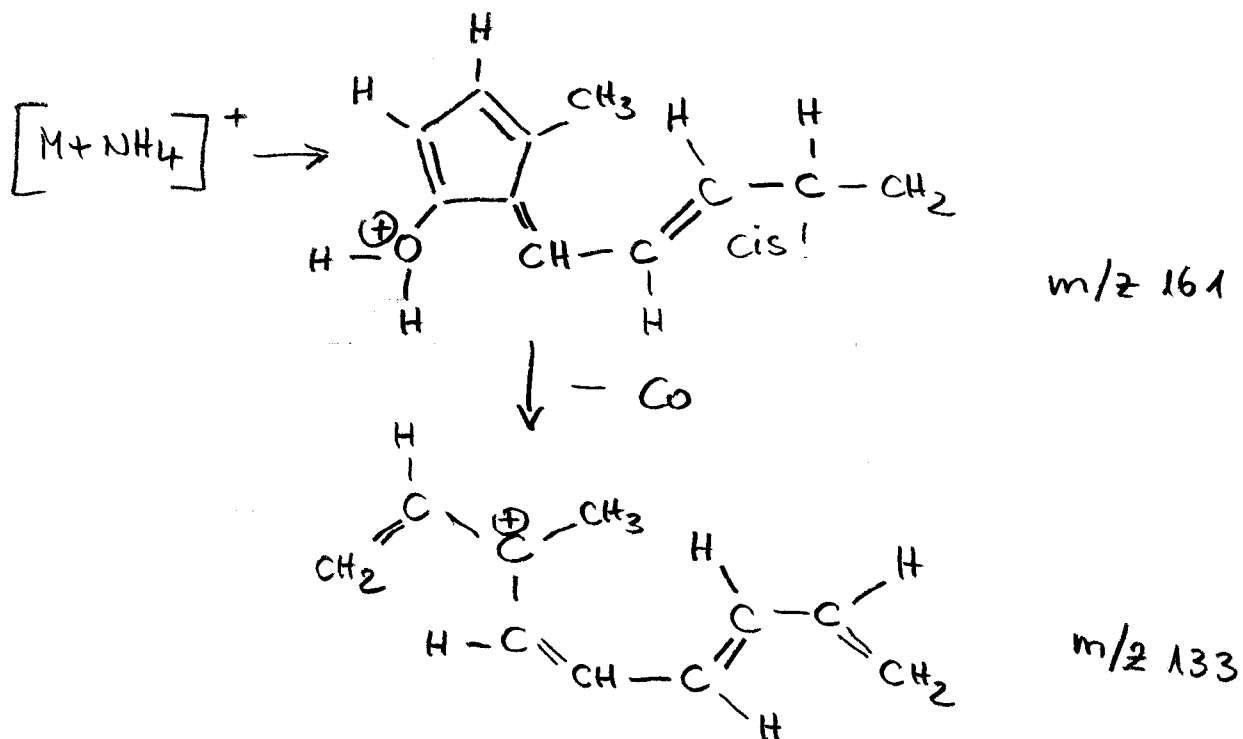
Quasimolecular ion: 346,2 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	346,2 → 161,2	346,2 → 133,1
Declustering potential (DP)*)	31 V	31 V
Focusing potential (FP)	360 V	350 V
Entrance potential (EP)	10,0 V	12,0 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	19 V	25 V
Collision cell exit potential (CXP)	8 V	6 V

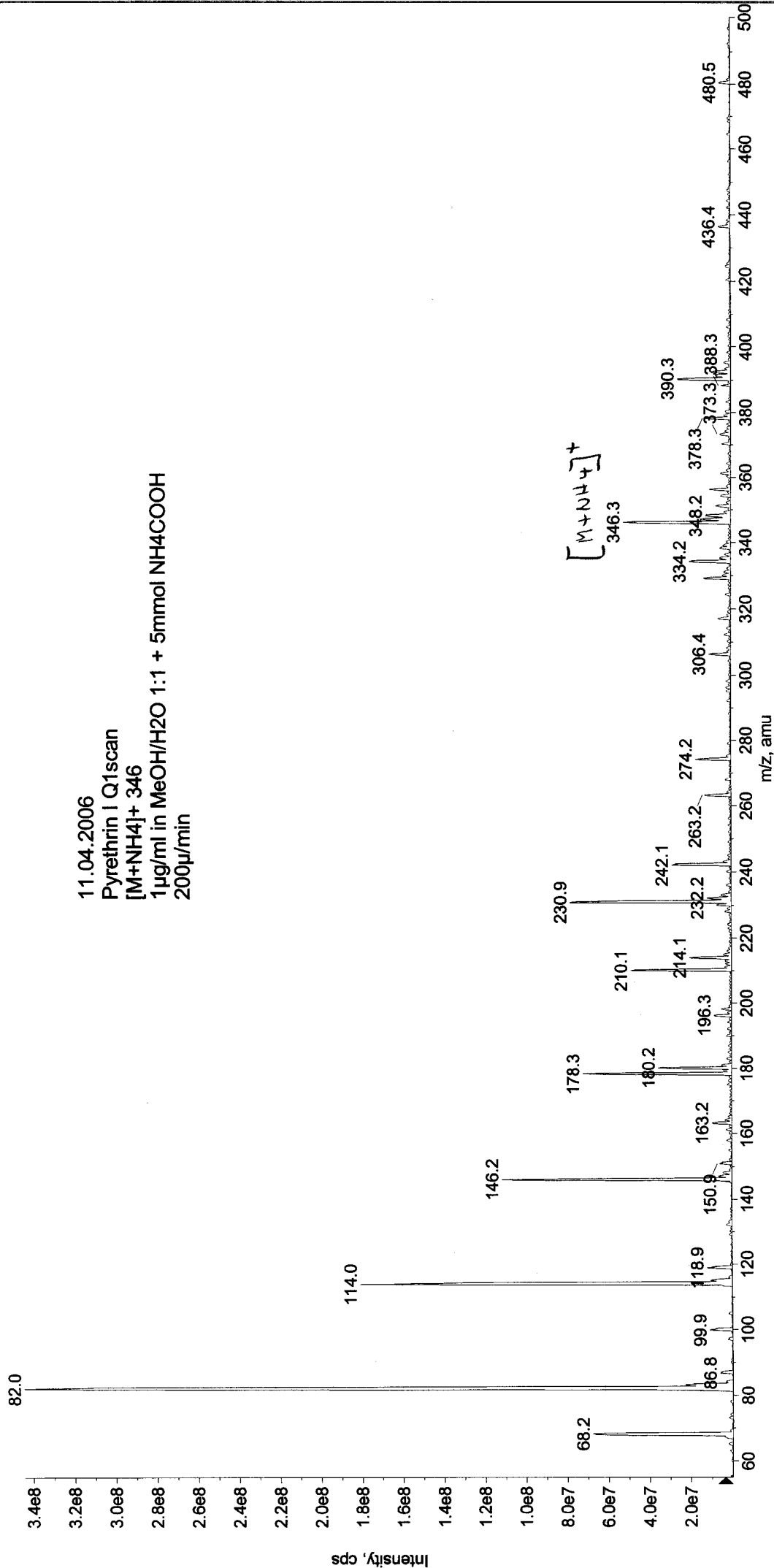
*) For API 3000 and 4000 enhance DP by 20V

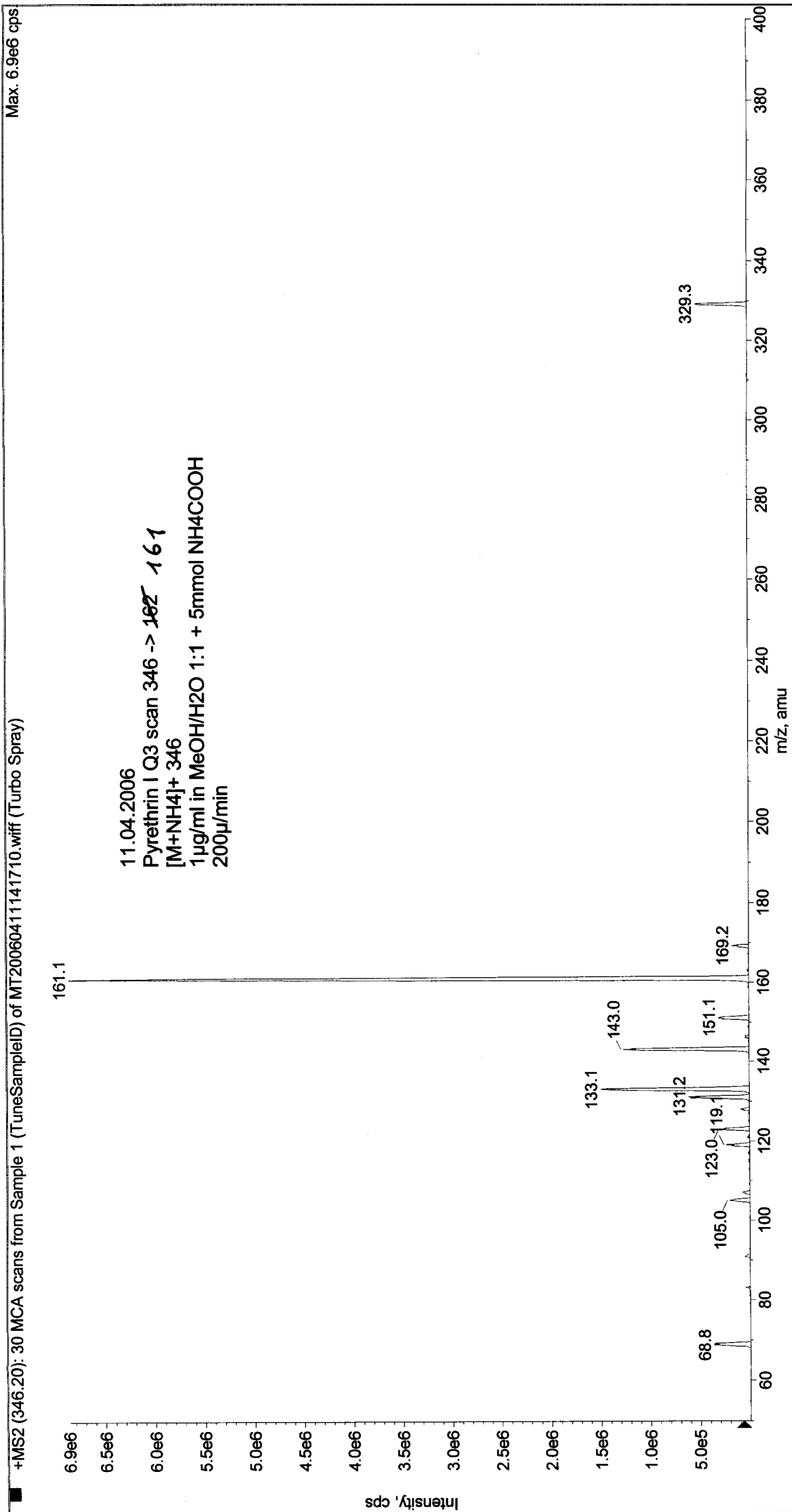
Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060411142019.wiff (Turbo Spray)

Max. 3.4e8 cps





Printing Time: 14:27:51
Printing Date: Tuesday, April 11, 2006

Acq. Time: 14:26
Acq. Date: Tuesday, April 11, 2006
Acq. File: MT20060411142647.wiff

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

