

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

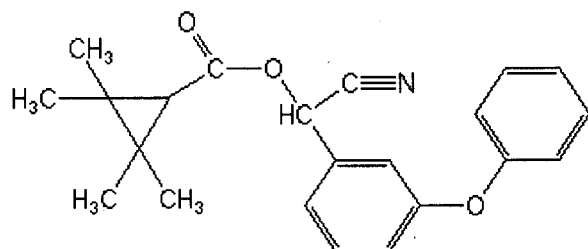
Analyte: Fenpropathrin

CAS No.: 39515-41-8

Formula: C₂₂H₂₃NO₃

Molecular mass (lowest isotopes): 349,17 amu

Structure:



Ionisation: ESI +

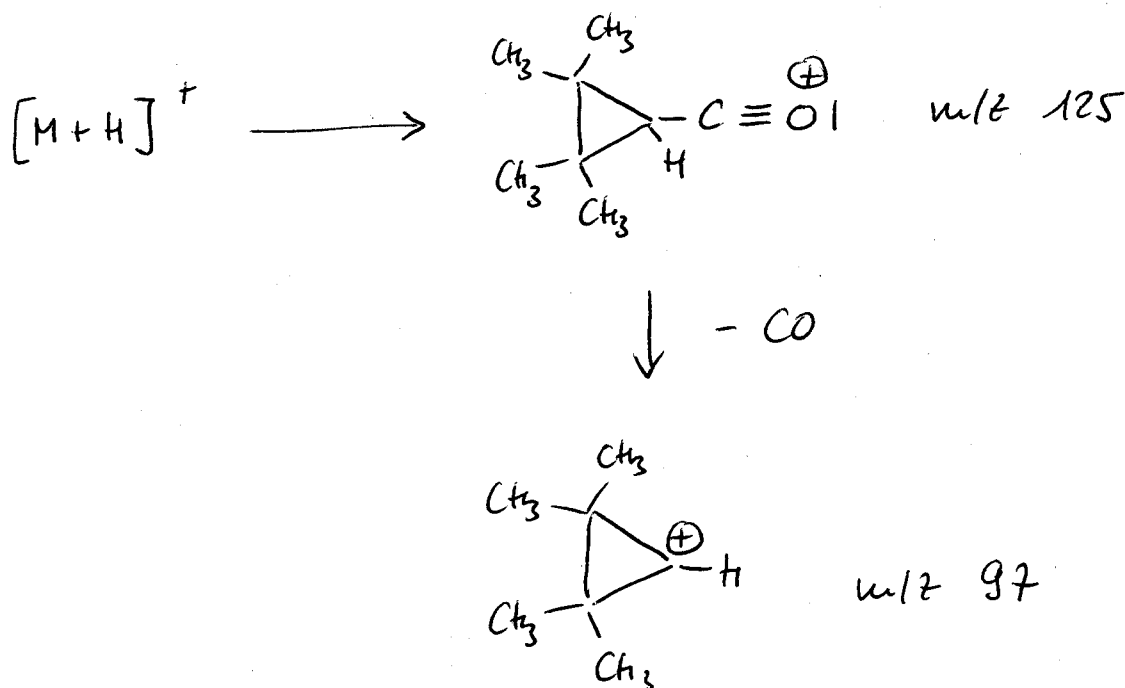
Quasimolecular ion: 350,2 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	350,2 → 125,1	350,2 → 97,2
Declustering potential (DP) ^{*)}	41 V	41 V
Focusing potential (FP)	350 V	360 V
Entrance potential (EP)	12,0 V	11,0 V
Collision cell entrance potential (CEP)	20 V	26 V
Collision energy (CE)	19 V	43 V
Collision cell exit potential (CXP)	6 V	4 V

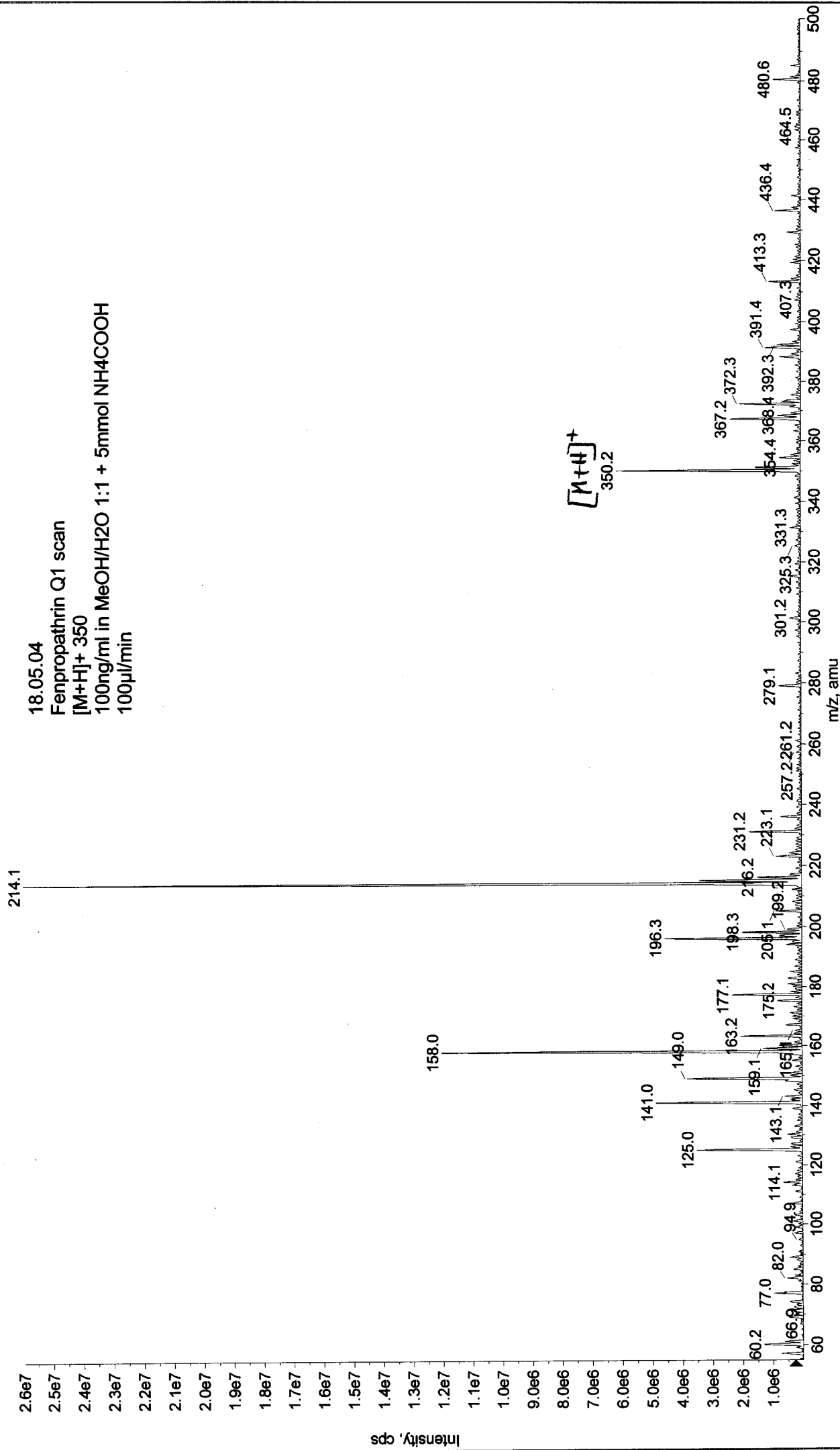
^{*)} For API 3000 and 4000 enhance DP by 20V

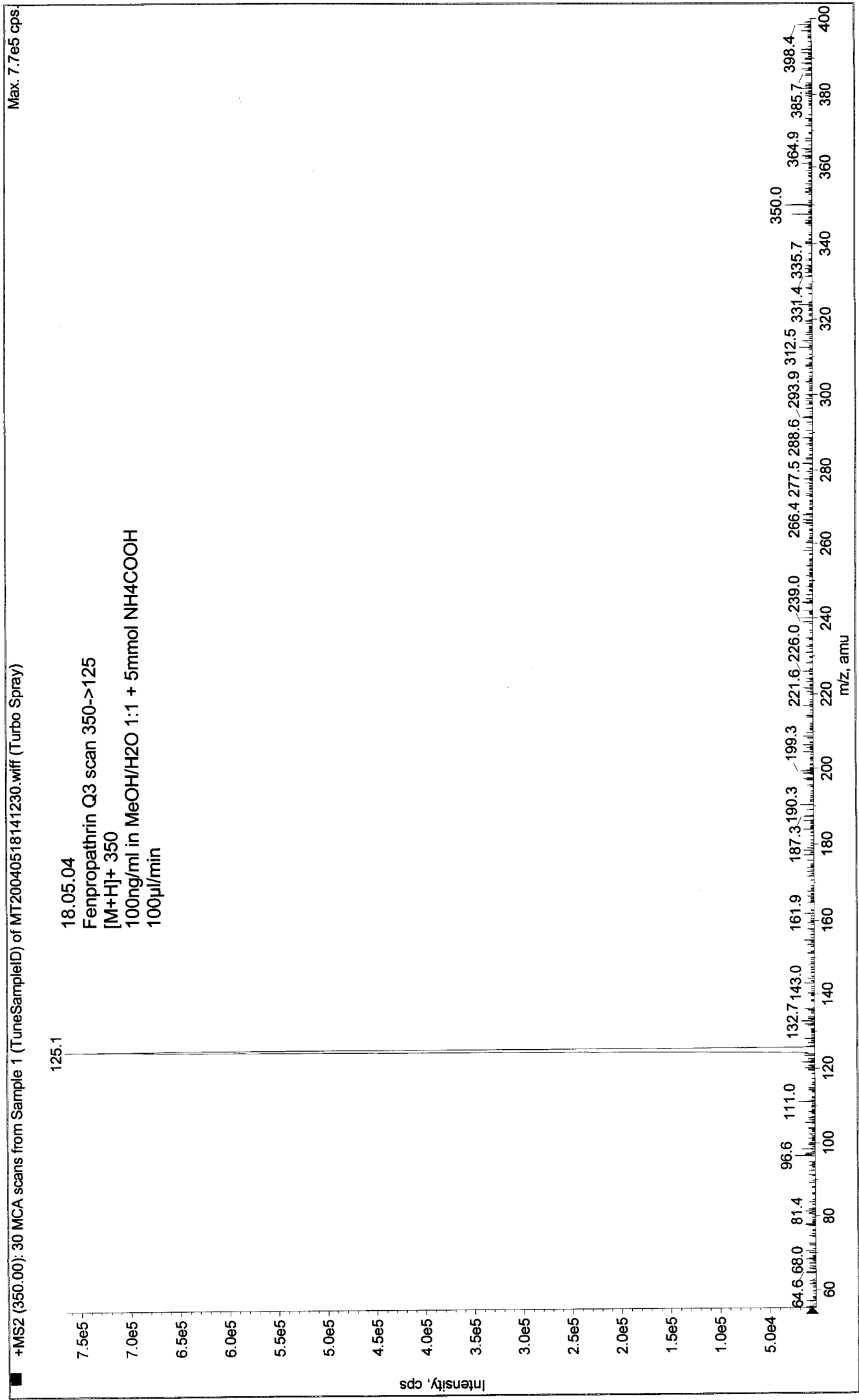
Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040518140647.wiff (Turbo Spray)

Max. 2.6e7 cps





Acq Time: 14:46
Acq Date: Tuesday, May 18, 2004
Acq File: MT20040518144634.wiff

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

Max. 2.8e5 cps.

