

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

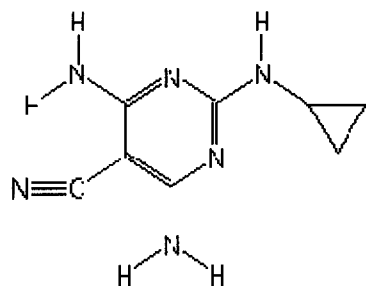
Analyte: Dicyclanil

CAS No.: 112636-83-6

Formula: C₈H₁₀N₆

Molecular mass (lowest isotopes): 190,1 amu

Structure:



Ionisation: ESI +

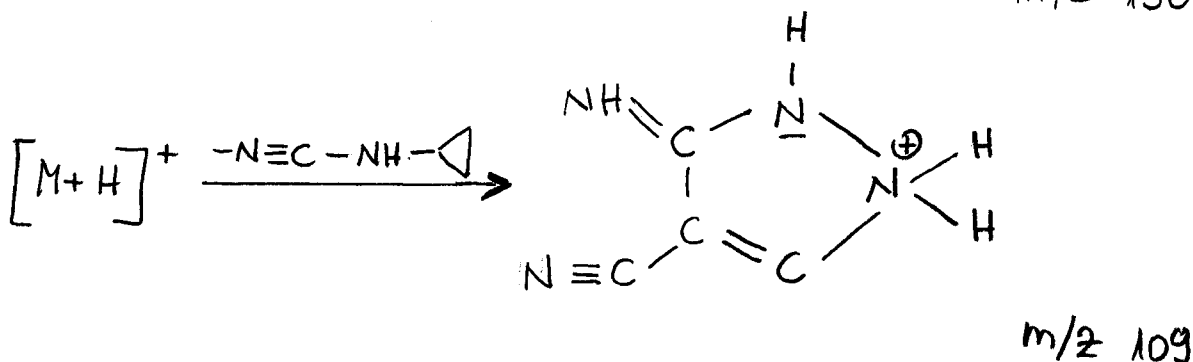
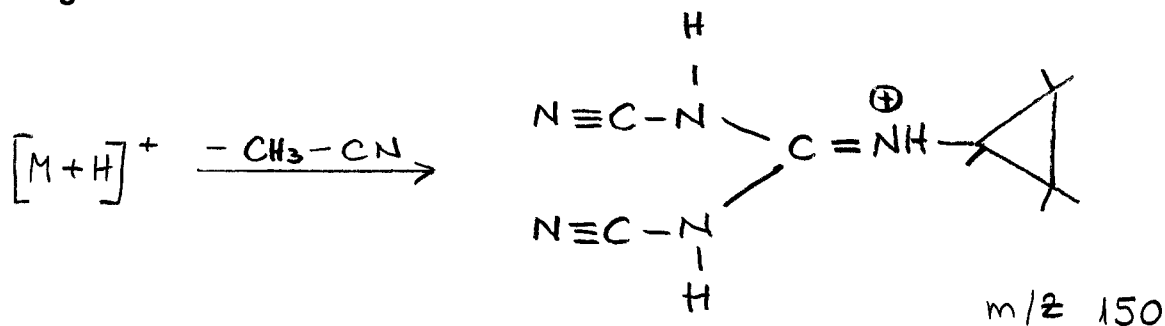
Quasimolecular ion: 191,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	191,1 → 150,0	191,1 → 109,0
Declustering potential (DP) ^{*)}	71 V	71 V
Focusing potential (FP)	340 V	350 V
Entrance potential (EP)	10,0 V	10,5 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	27 V	33 V
Collision cell exit potential (CXP)	8 V	6 V

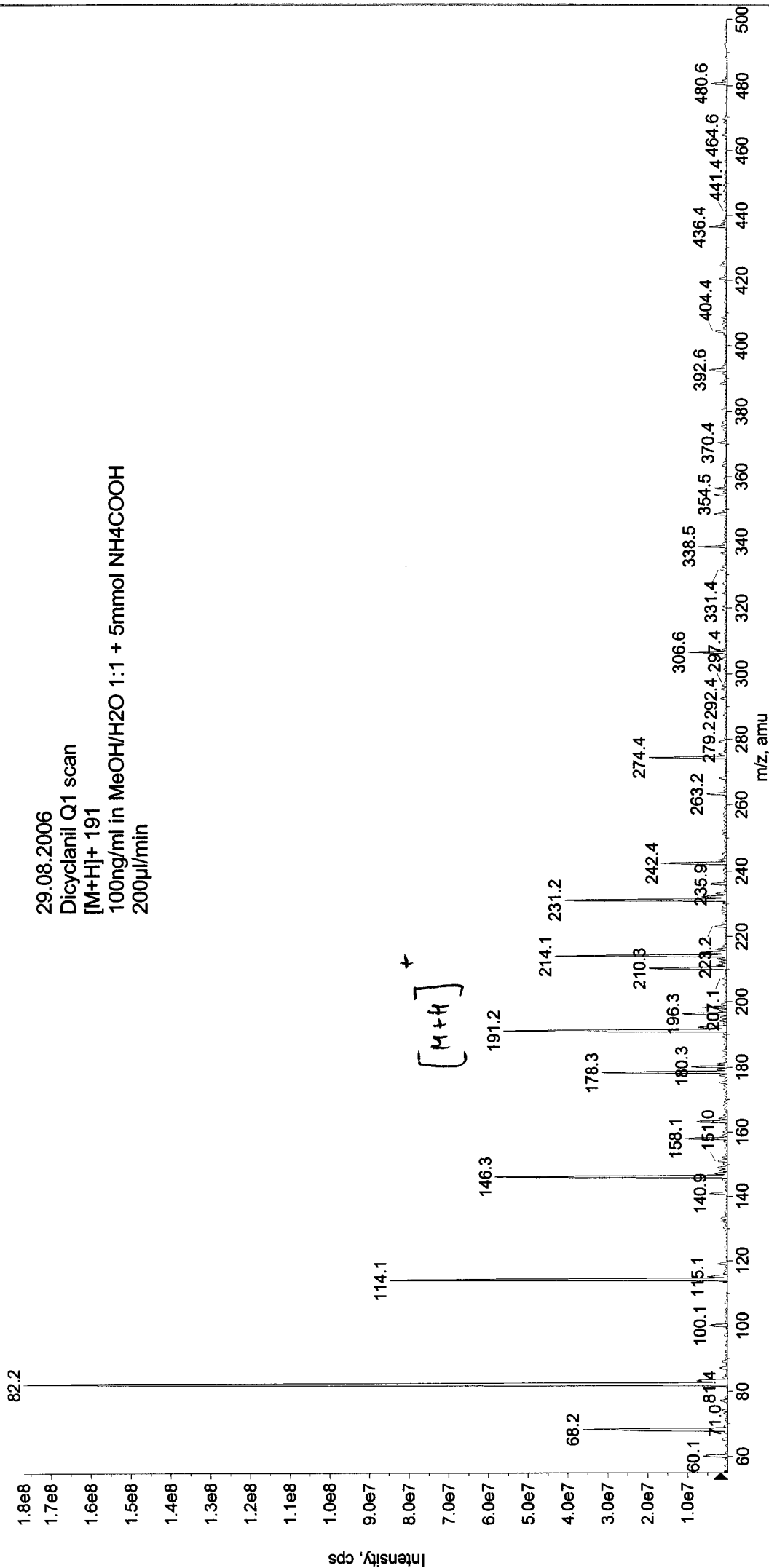
^{*)} For API 3000 and 4000 enhance DP by 20V

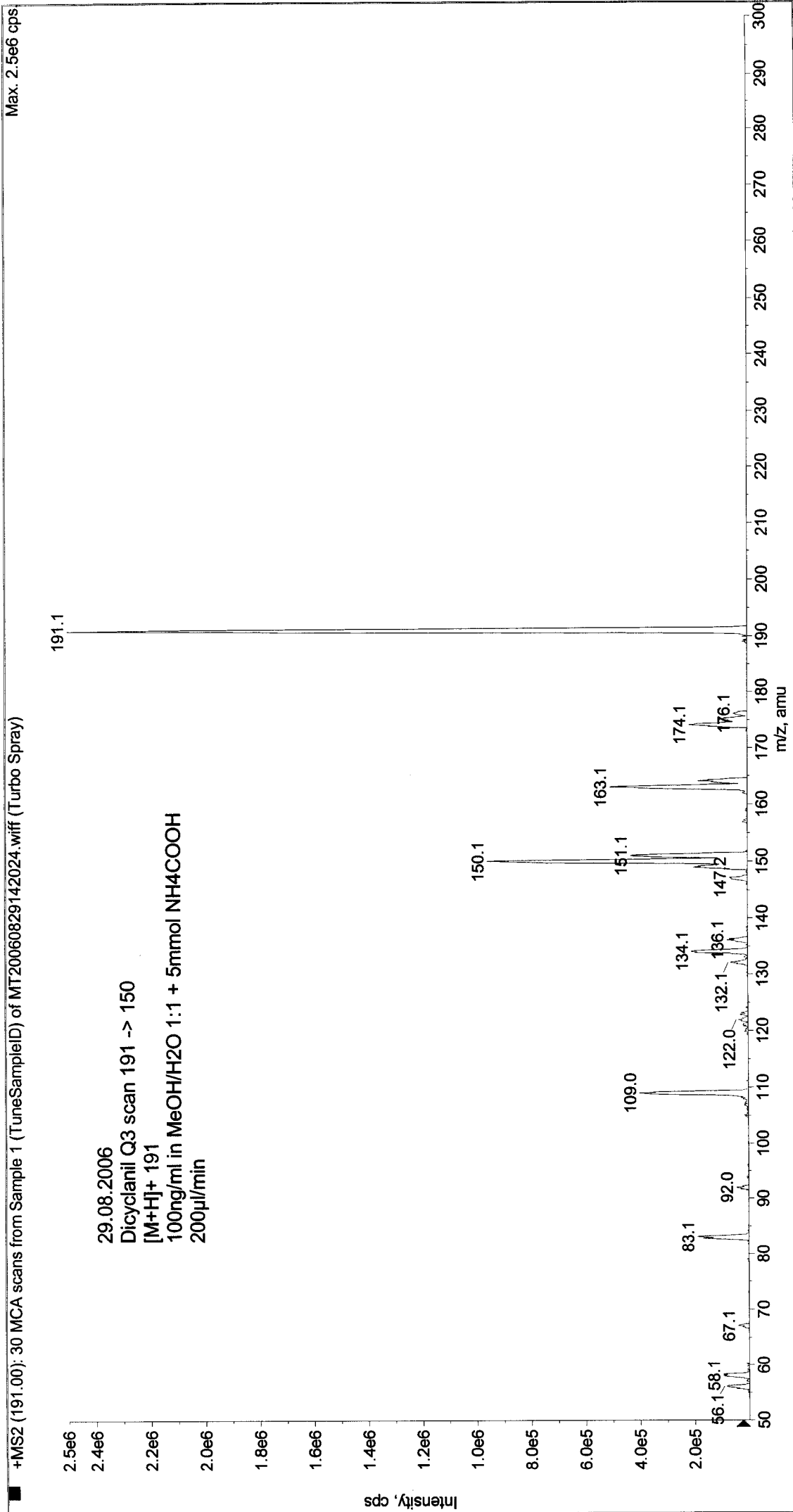
Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060829141816.wiff (Turbo Spray)

Max. 1.8e8 cps





Printing Time: 14:29:45
Printing Date: Tuesday, August 29, 2006

Acq. Time: 14:28
Acq. Date: Tuesday, August 29, 2006
Acq. File: MT20060829142833.wiff

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

