

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

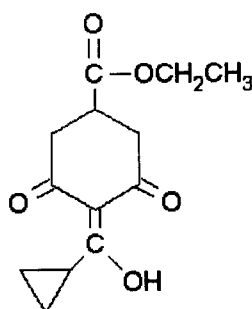
Analyte: Trinexapac-ethyl

CAS No.: 95266-40-3

Formula: C₁₃H₁₆O₅

Molecular mass (lowest isotopes): 252,10 amu

Structure:



Ionisation: ESI +

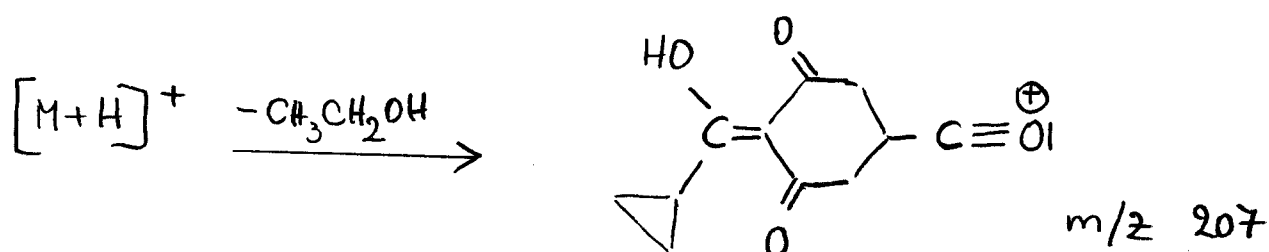
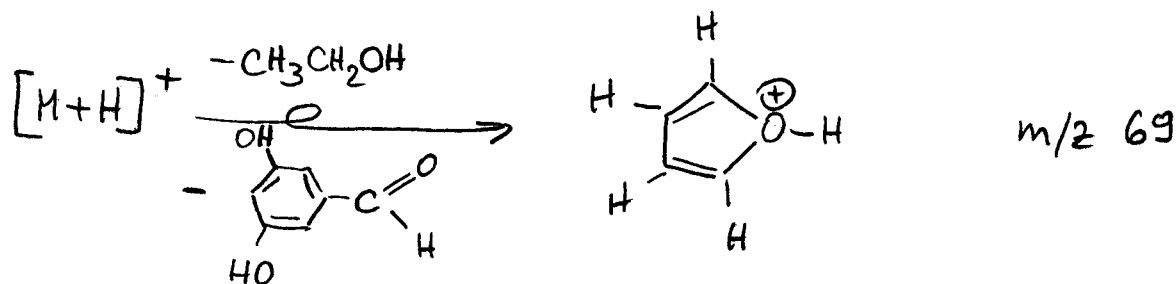
Quasimolecular ion: 253,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	253,1 → 68,8	253,1 → 207,0
Declustering potential (DP)*)	66 V	66 V
Focusing potential (FP)	300 V	370 V
Entrance potential (EP)	11 V	12 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	29 V	17 V
Collision cell exit potential (CXP)	8 V	10 V

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

Fragmentation



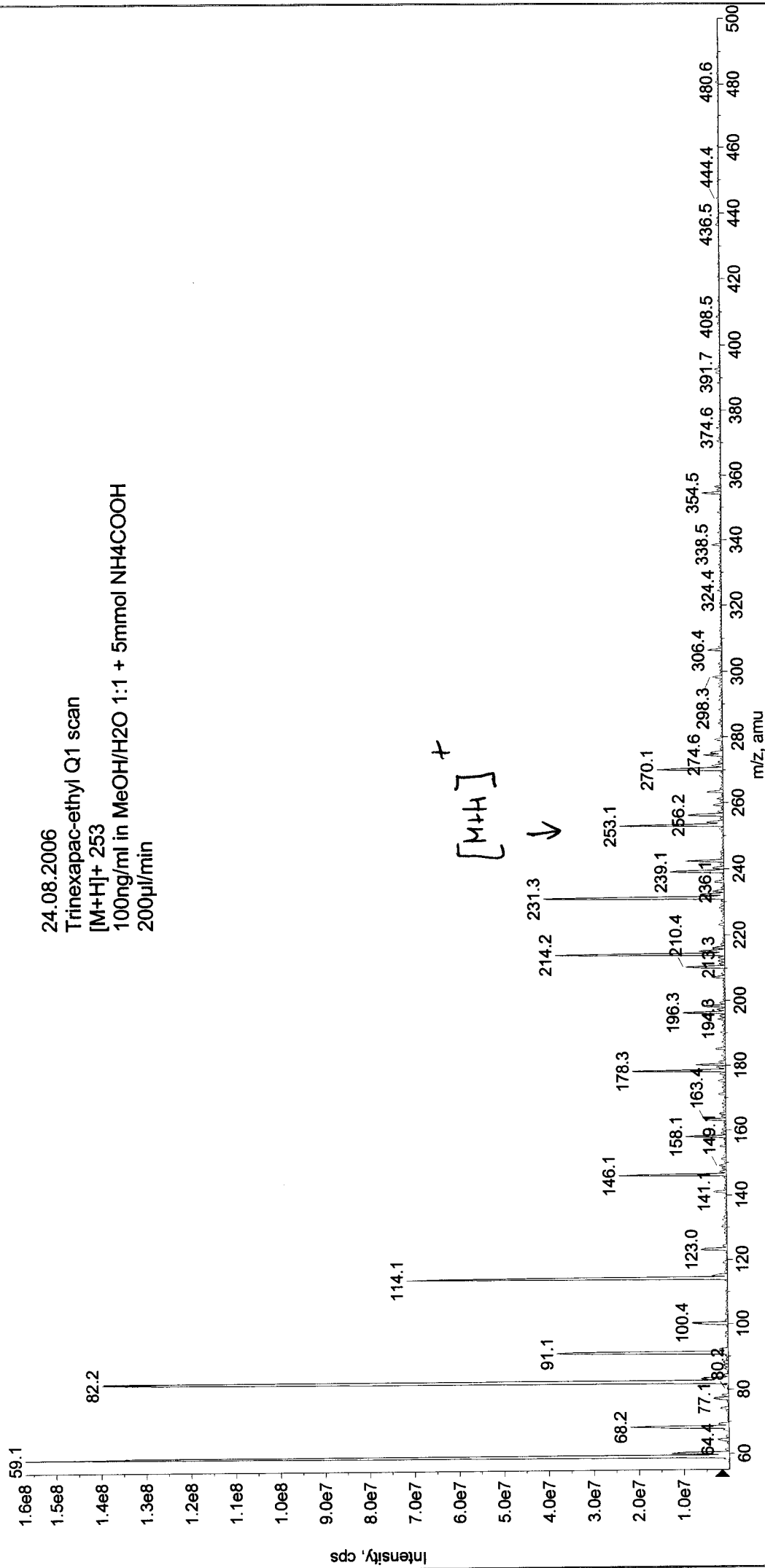
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Printing Date: Thursday, August 24, 2006

Acq. Time: 11:04
Acq. Date: Thursday, August 24, 2006
Acq. File: MT20060824110427.wiff

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

Max. 1.6e8 cps

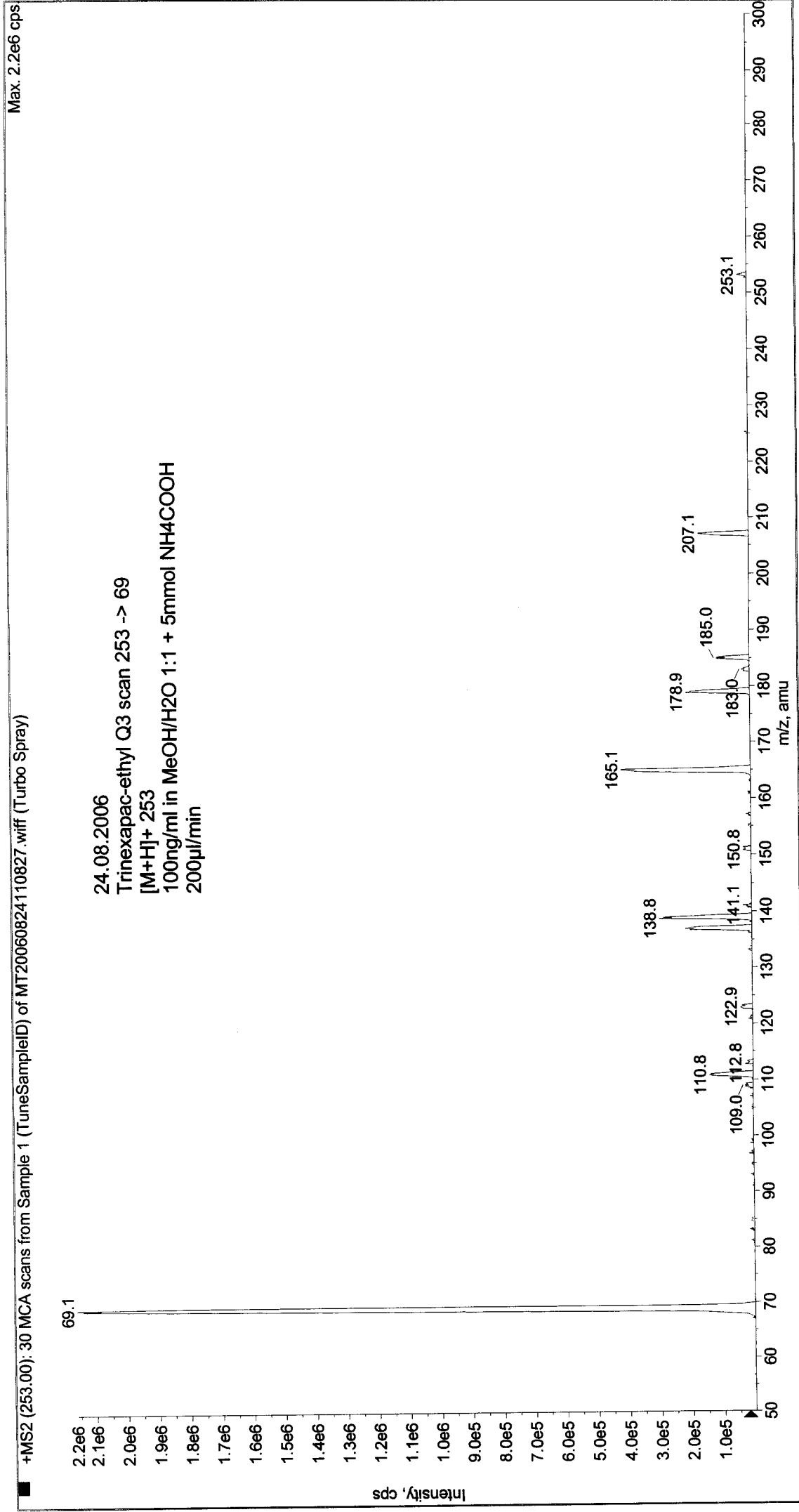
■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060824110427.wiff (Turbo Spray)



Printing Time: 11:09:33
Printing Date: Thursday, August 24, 2006

Acq. Time: 11:08
Acq. Date: Thursday, August 24, 2006
Acq. File: MT20060824110827.wiff

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



Printing Time: 11:15:42
Printing Date: Thursday, August 24, 2006

Acq. Time: 11:14
Acq. Date: Thursday, August 24, 2006
Acq. File: MT20060824111432.wiff

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

