

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

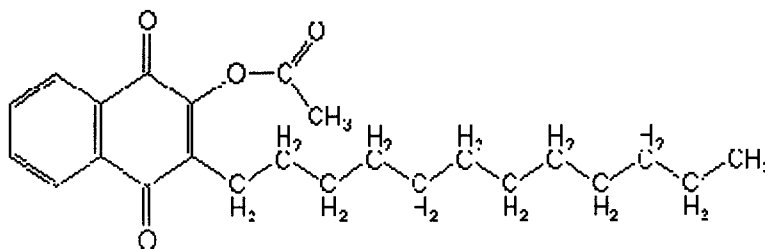
Analyte: Acequinocyl

CAS No.: 57960-19-7

Formula: C₂₄H₃₂O₄

Molecular mass (lowest isotopes): 384,23 amu

Structure:



Ionisation: ESI +

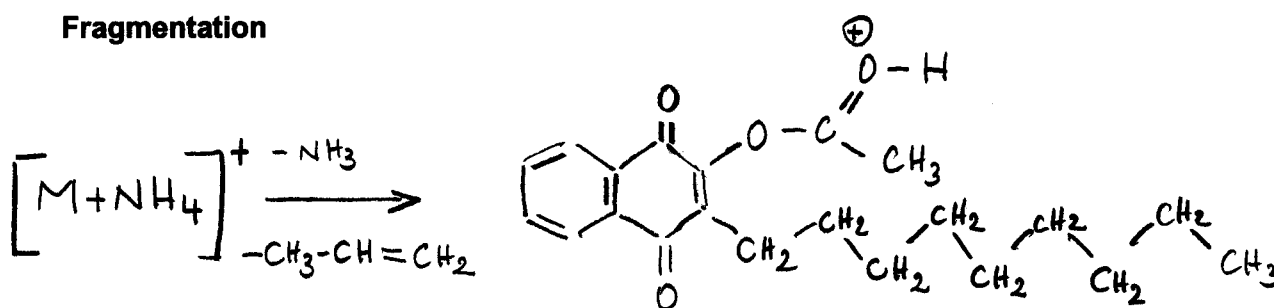
Quasimolecular ion: 402,2 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

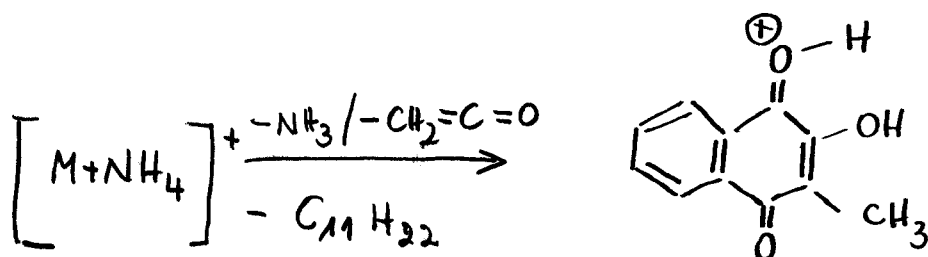
Transition	402,2 → 343,1	402,2 → 189,0
Declustering potential (DP) ^{*)}	31 V	31 V
Focusing potential (FP)	370 V	350 V
Entrance potential (EP)	8,5 V	10,0 V
Collision cell entrance potential (CEP)	22 V	24 V
Collision energy (CE)	19 V	39 V
Collision cell exit potential (CXP)	20 V	10 V

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

Fragmentation



m/z 343

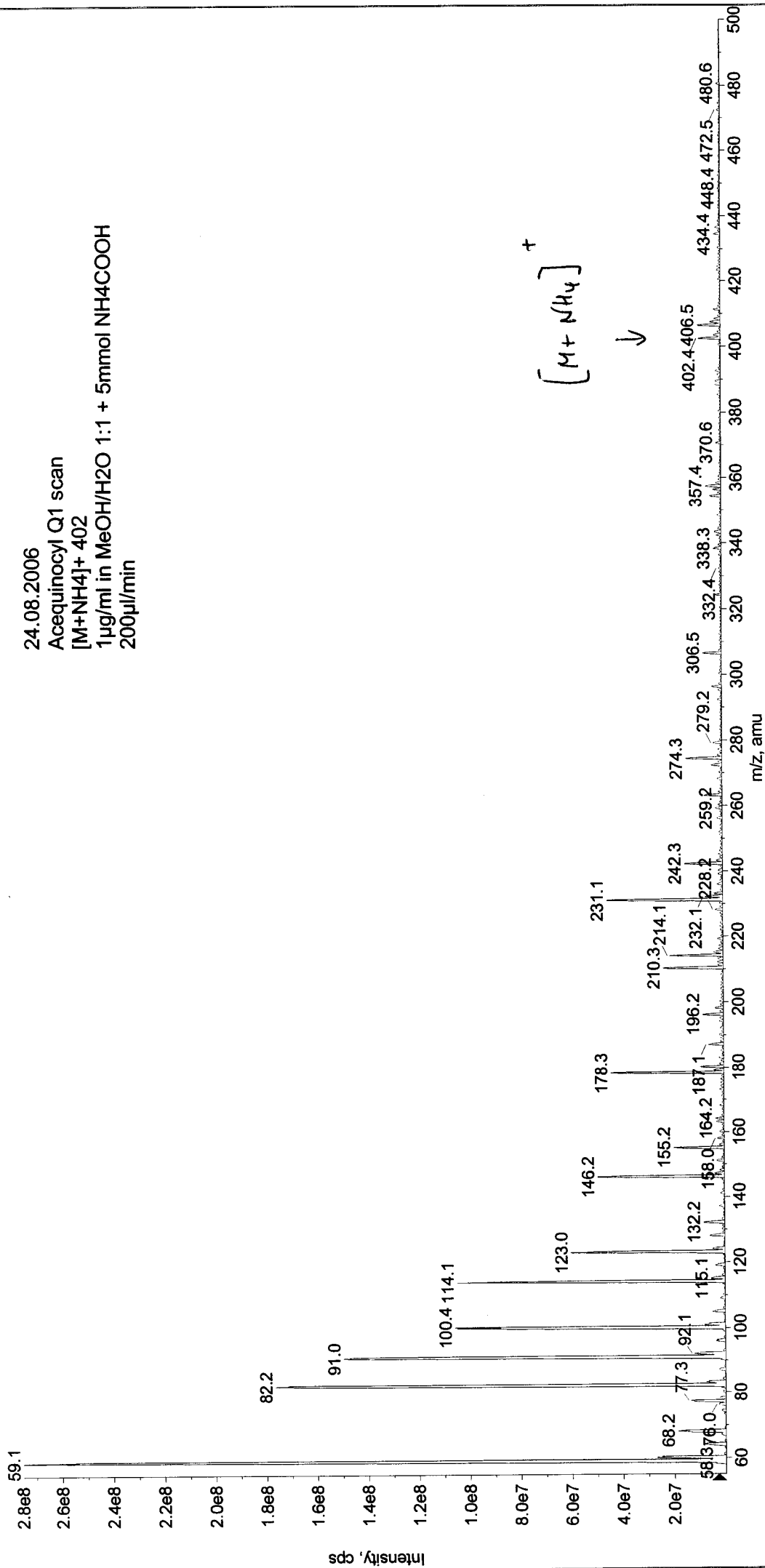


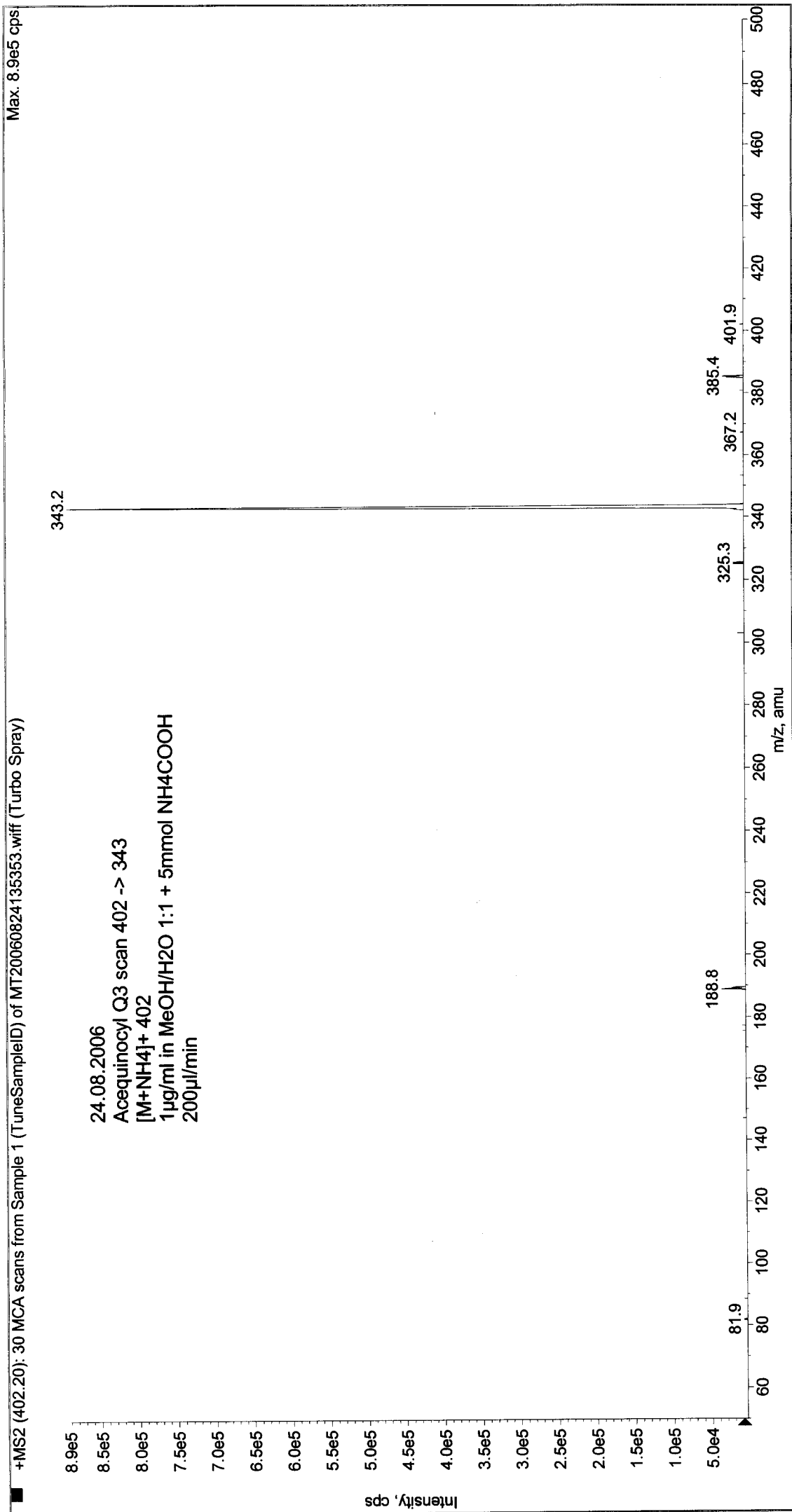
m/z 189

■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060824134929.wiff (Turbo Spray)

Max. 2.8e8 cps

24.08.2006
Acequinocyl Q1 scan
[M+NH₄]⁺ 402
1 µg/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200 µl/min





Printing Time: 14:01:29

Printing Date: Thursday, August 24, 2006

Acq. Time: 14:00

Acq. Date: Thursday, August 24, 2006

Acq. File: MT20060824140020.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

