

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

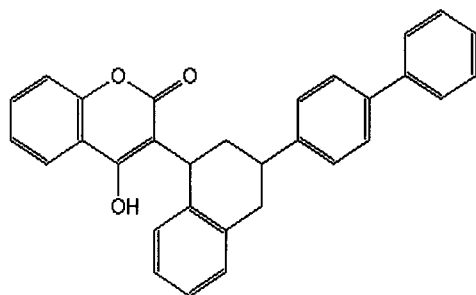
Analyte: Difenacoum

CAS No.: 56073-07-5

Formula: C₃₁H₂₄O₃

Molecular mass (lowest isotopes): 444,17 amu

Structure:



Ionisation: ESI +

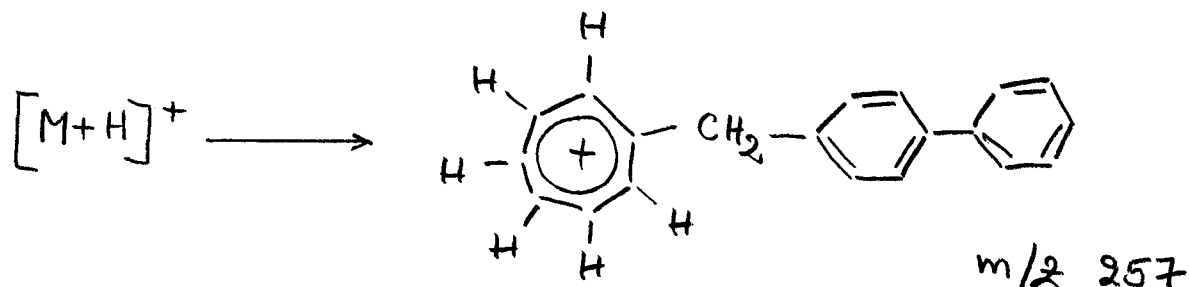
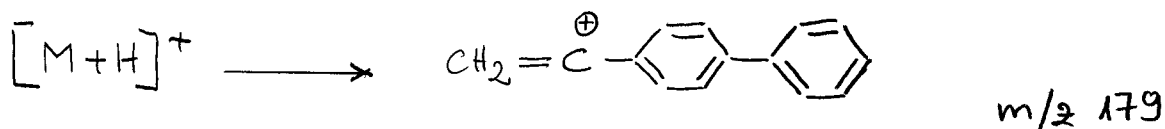
Quasimolecular ion: 445,2 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	445,2 → 179,2	445,2 → 257,1
Declustering potential (DP) ^{*)}	89 V	89 V
Focusing potential (FP)	200 V	270 V
Entrance potential (EP)	12,0 V	10,0 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	41 V	27 V
Collision cell exit potential (CXP)	10 V	14 V

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

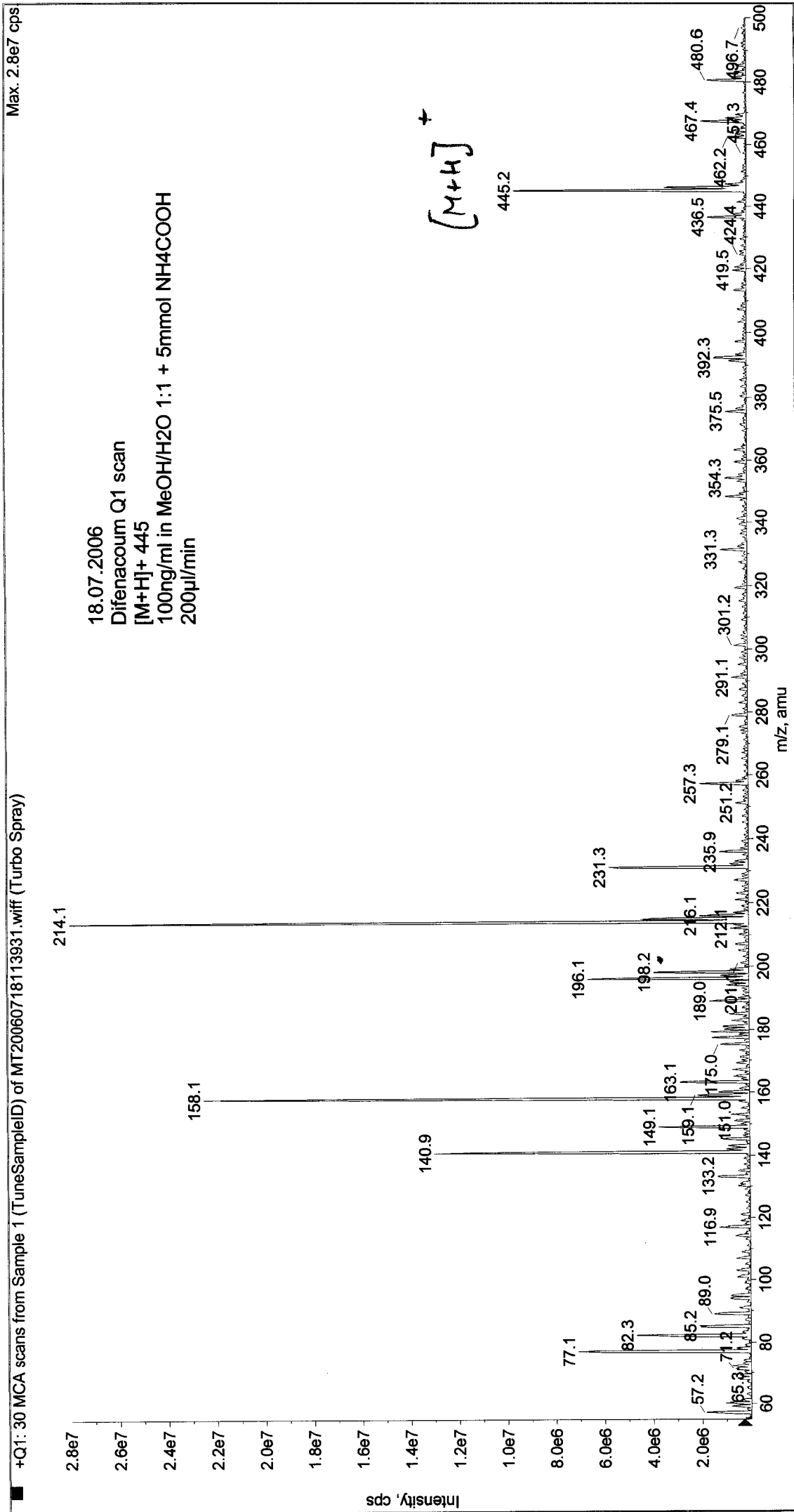
Fragmentation

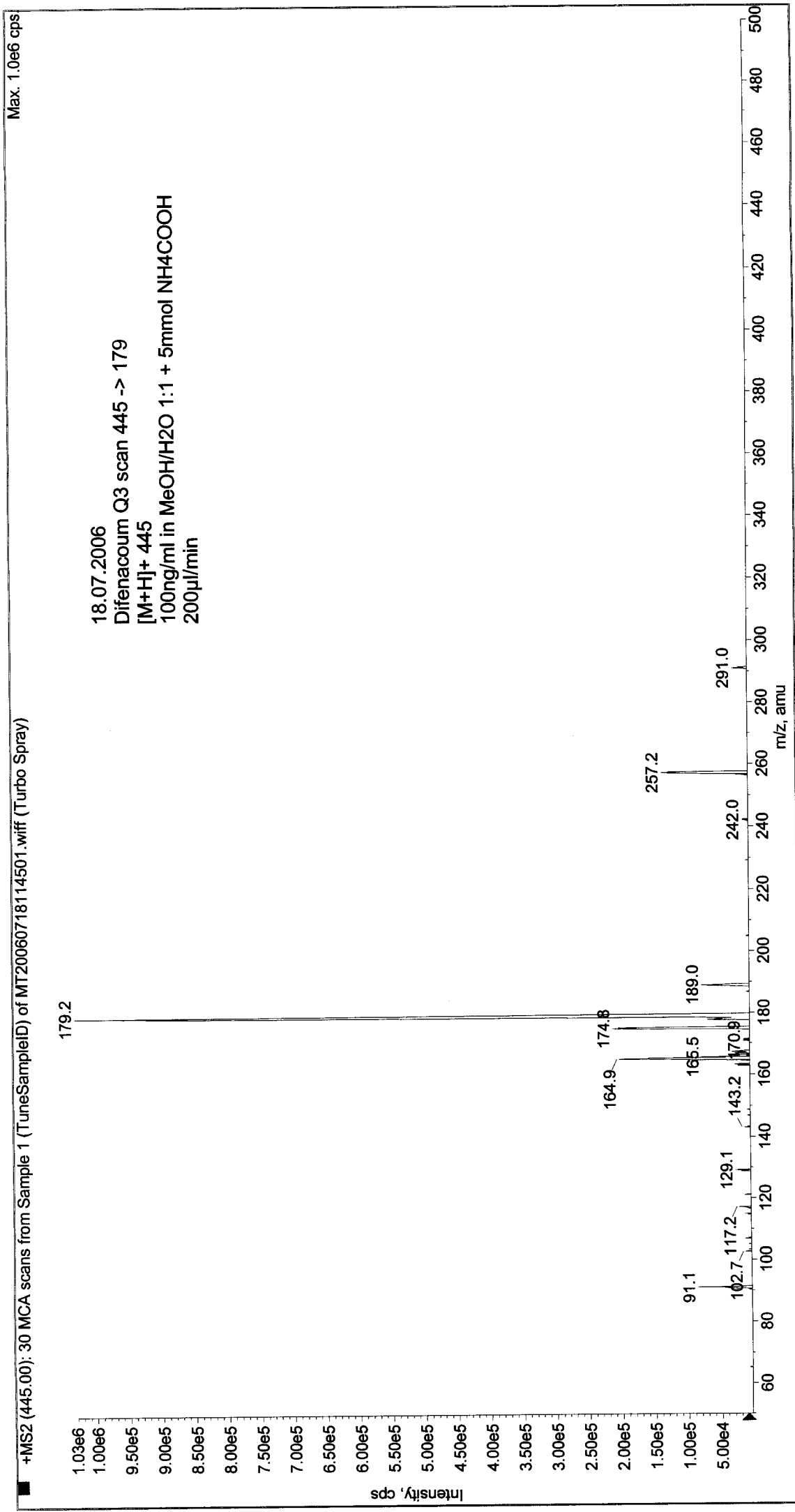


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Printing Date: Tuesday, July 18, 2006

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





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Printing Date: Tuesday, July 18, 2006

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