

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

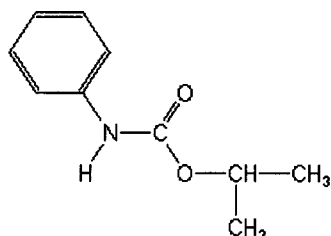
Analyte: Protham

CAS No.: 122-42-9

Formula: C₁₀H₁₃NO₂

Molecular mass (lowest isotopes): 179,10 amu

Structure:



Ionisation: ESI +

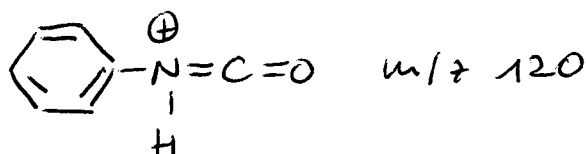
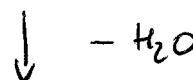
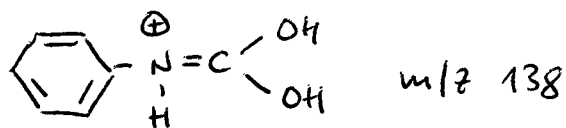
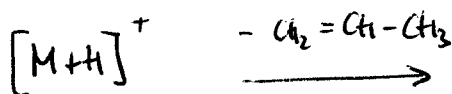
Quasimolecular ion: 180,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	180,1 → 138,1	180,1 → 120,1
Declustering potential (DP) ^{*)}	14 V	14 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	8,5 V	6,5 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	13 V	25 V
Collision cell exit potential (CXP)	8 V	6 V

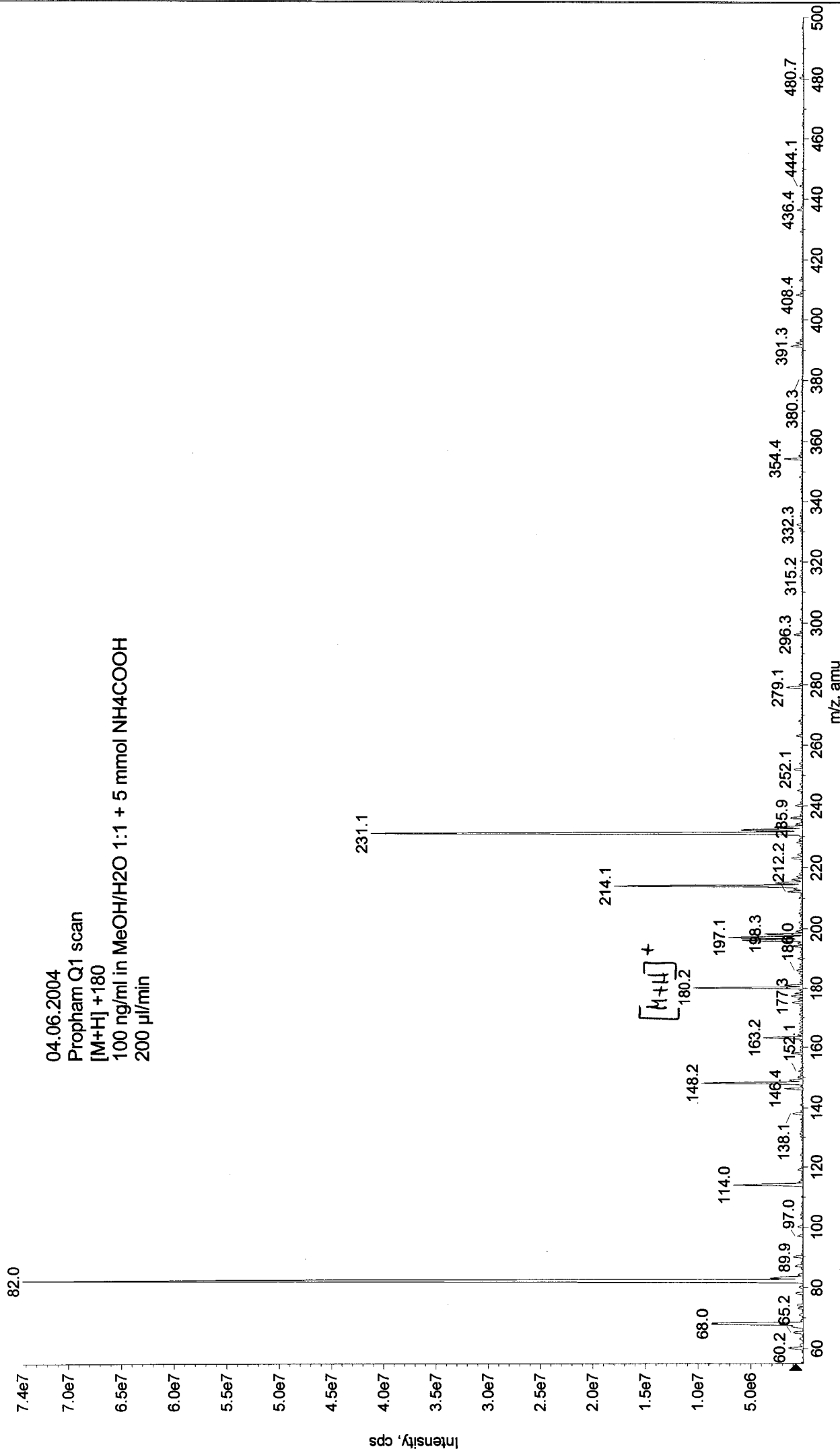
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040604080944.wiff (Turbo Spray)

Max. 7.4e7 cps



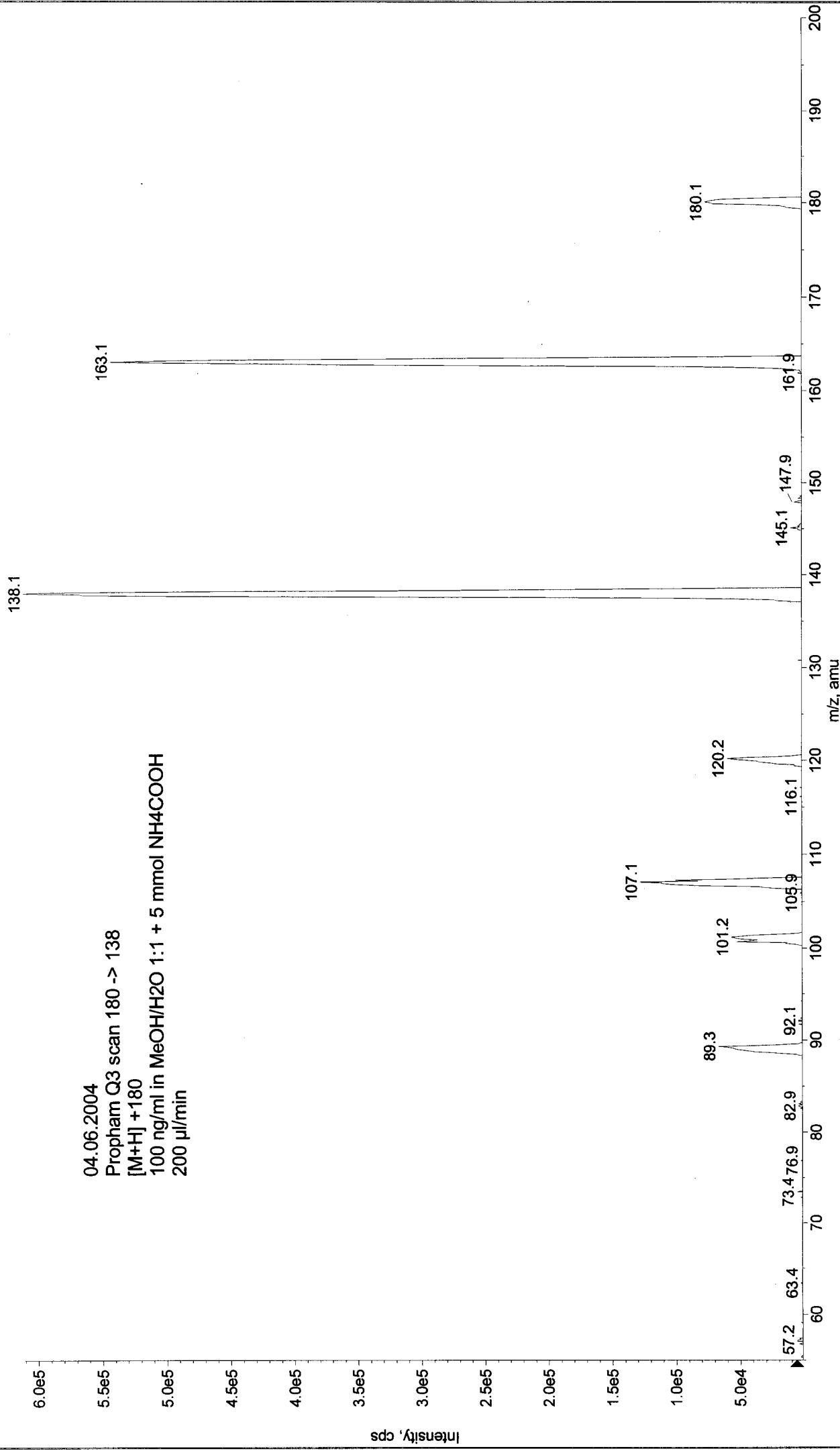
Printing Time: 8:13:03
Printing Date: Friday, June 04, 2004

Acq. Time: 08:11
Acq. Date: Friday, June 04, 2004
Acq. File: MT20040604081148.wiff

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

Max. 6.1e5 cps

■ +MS2 (180.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040604081148.wiff (Turbo Spray)



Max. 3.2e5 cps

+MS2 (180.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040604081359.wiff (Turbo Spray)

