

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

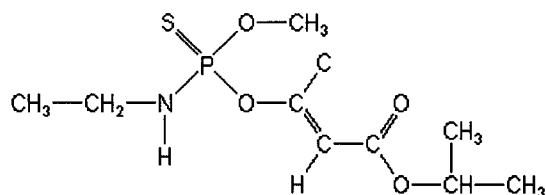
Analyte: Propetamphos

CAS No.: 31218-83-4

Formula: C₁₀H₂₀NO₄PS

Molecular mass (lowest isotopes): 281,09 amu

Structure:



Ionisation: ESI +

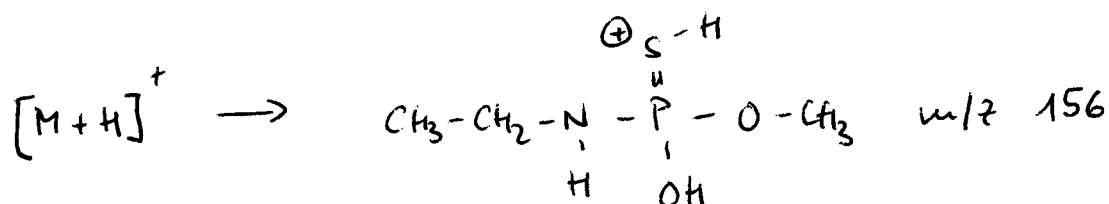
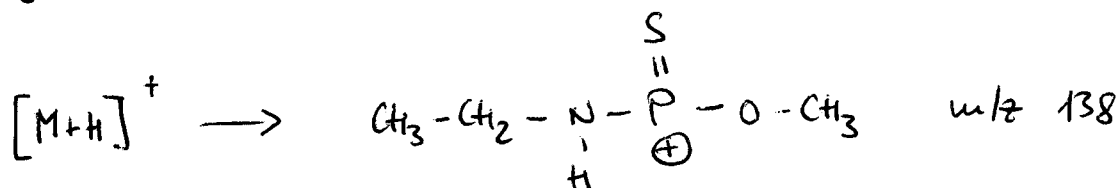
Quasimolecular ion: 282,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

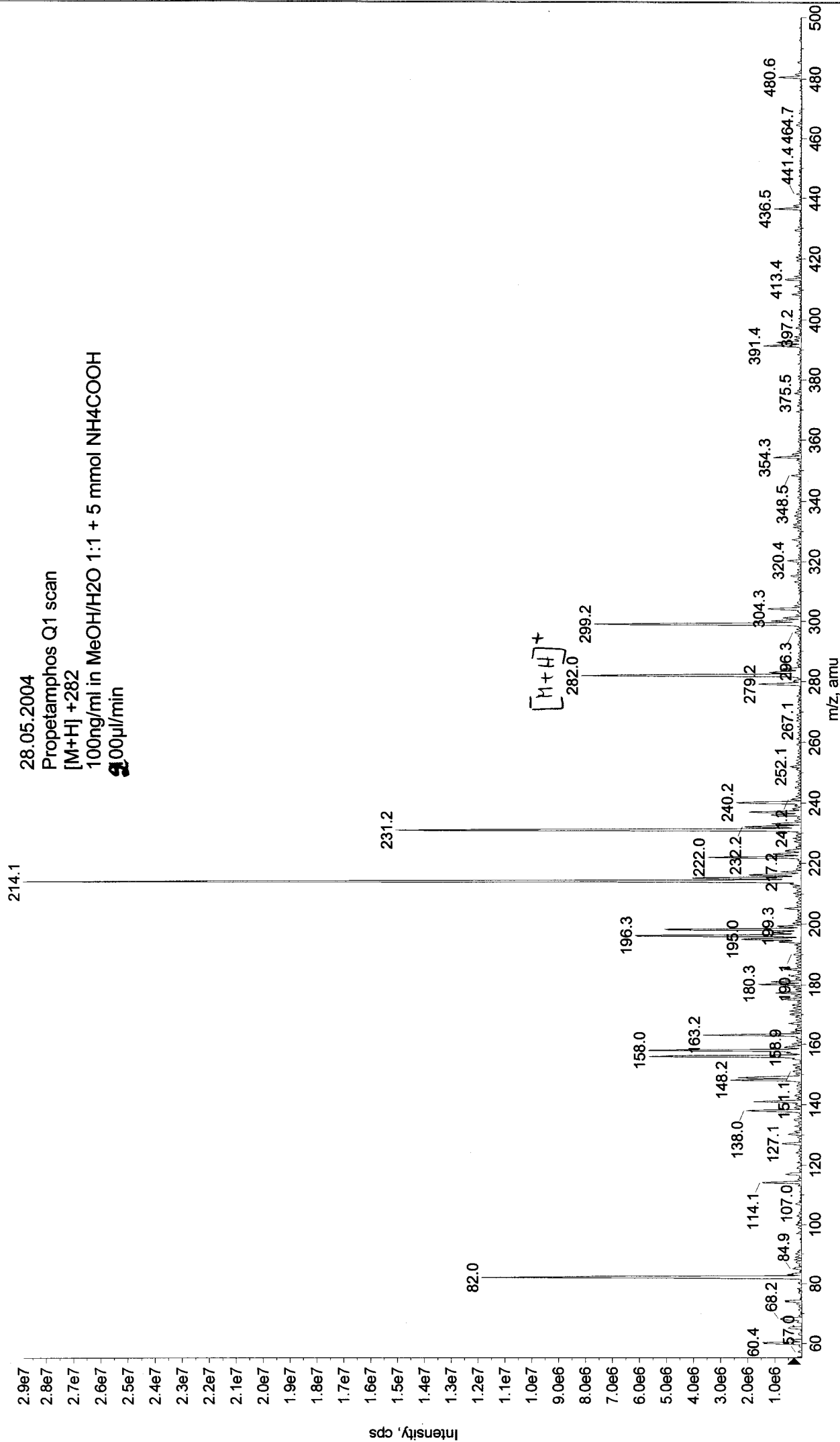
Transition	282,1 → 156,2	282,1 → 138,0
Declustering potential (DP) ^{*)}	34 V	34 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	10,0 V	10,0 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	17 V	21 V
Collision cell exit potential (CXP)	8 V	6 V

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

Fragmentation

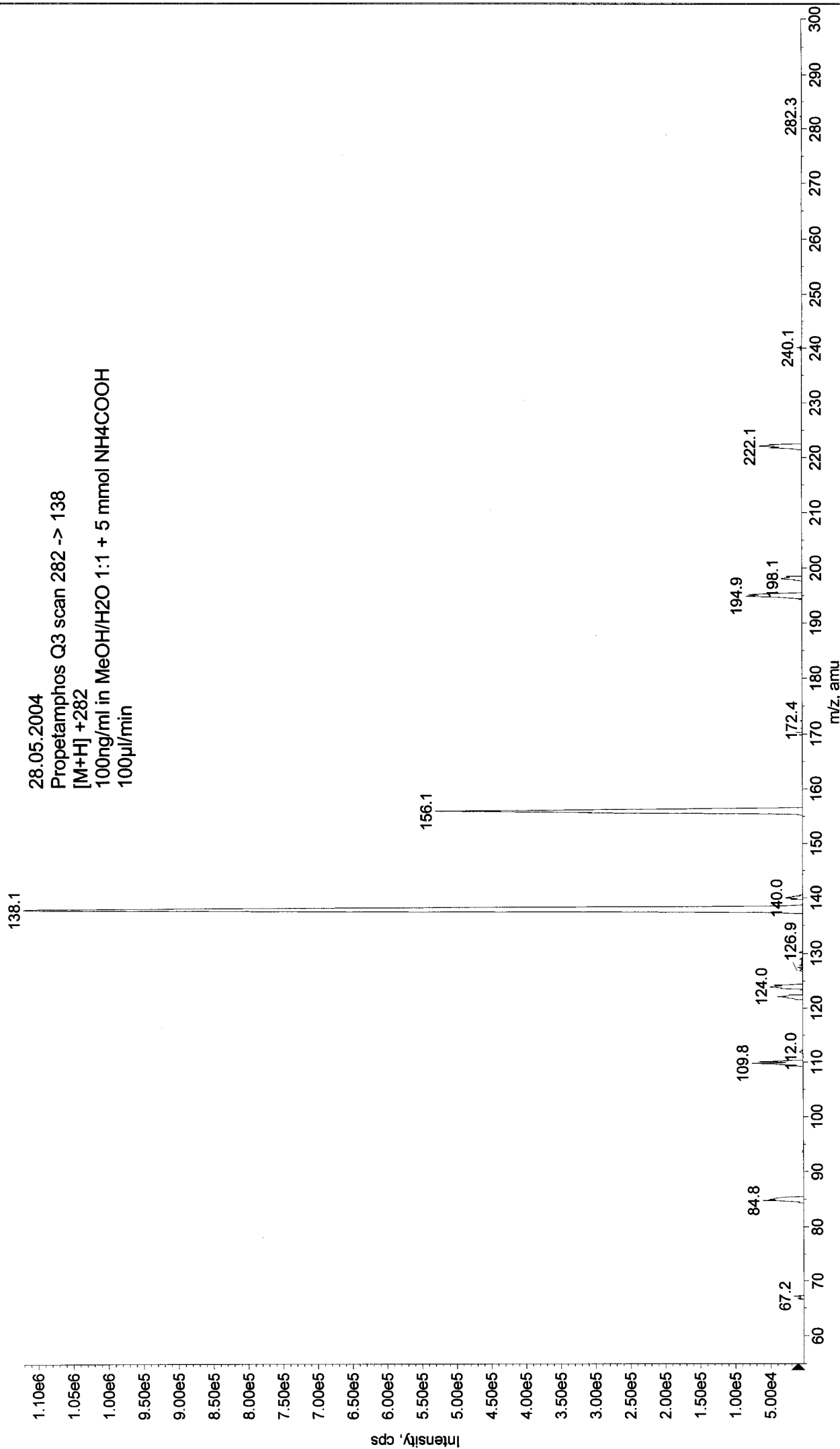


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040528081816.wiff (Turbo Spray) Max. 2.9e7 cps



Max. 1.1e6 cps

■ +MS2 (282.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040528082208.wiff (Turbo Spray)



Printing Time: 8:42:14
Printing Date: Friday, May 28, 2004

Acq. Time: 08:40
Acq. Date: Friday, May 28, 2004
Acq. File: MT20040528084033.wiff

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

■ +MS2 (282.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040528084033.wiff (Turbo Spray) Max. 6.4e5 cps

