

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

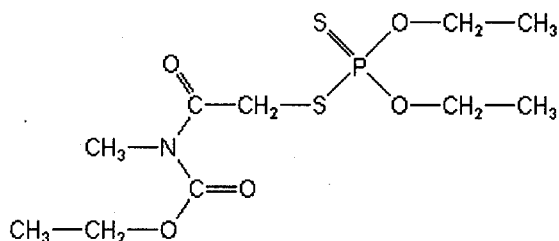
Analyte: Mecarbam

CAS No.: 2595-54-2

Formula: C₁₀H₂₀NO₅PS₂

Molecular mass (lowest isotopes): 329,05 amu

Structure:



Ionisation: ESI +

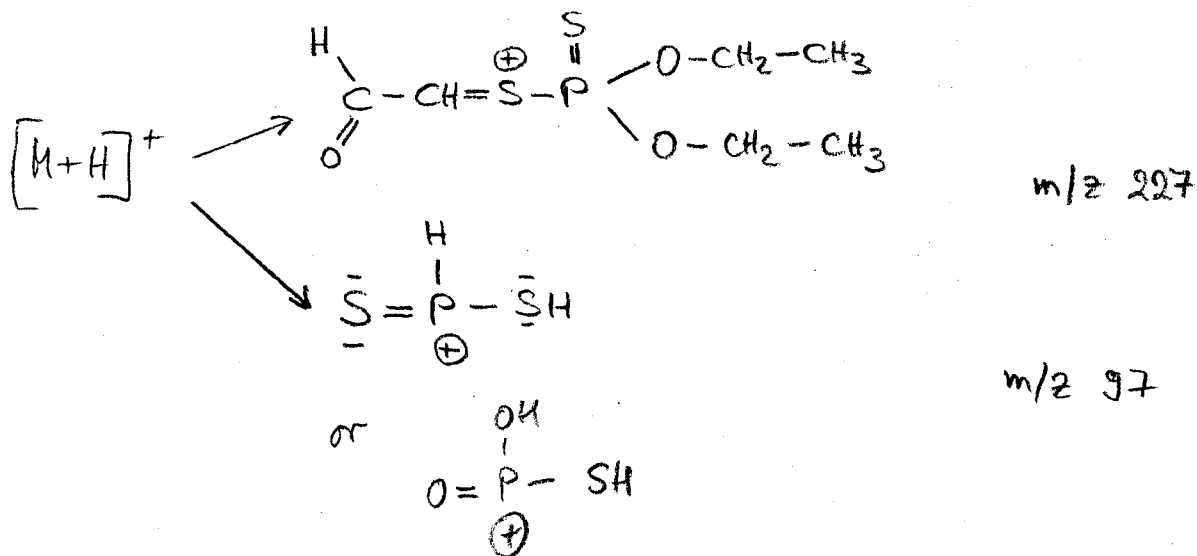
Quasimolecular ion: 330,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

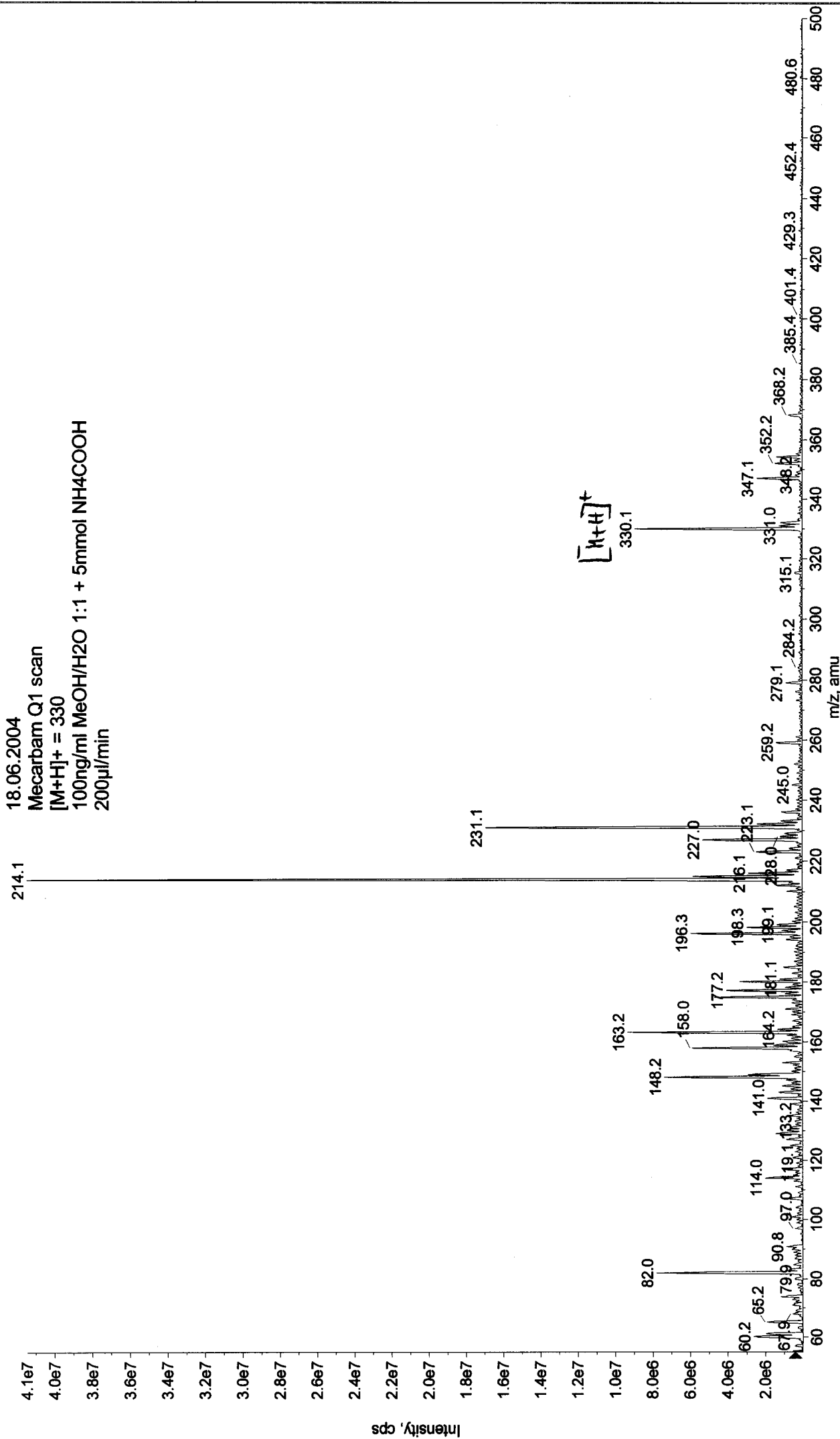
Transition	330,0 → 227,0	330,0 → 97,1
Declustering potential (DP) ^{*)}	19 V	19 V
Focusing potential (FP)	350 V	370 V
Entrance potential (EP)	9,0 V	12,0 V
Collision cell entrance potential (CEP)	20 V	18 V
Collision energy (CE)	15 V	45 V
Collision cell exit potential (CXP)	12 V	4 V

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

Fragmentation

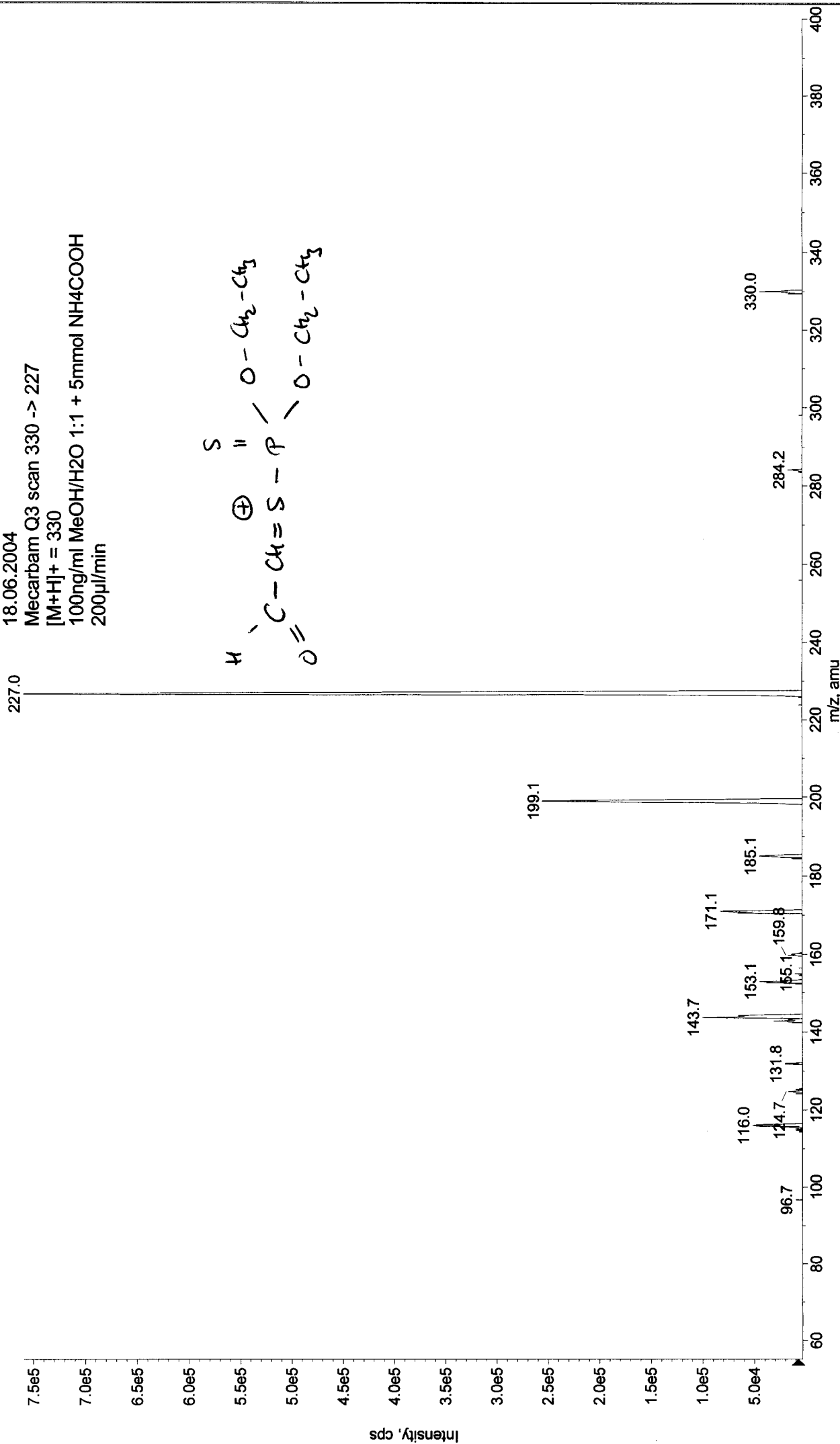
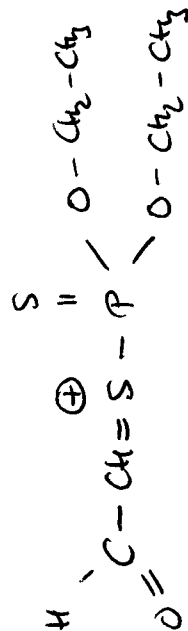


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040618084245.wiff (Turbo Spray) Max. 4.1e7 cps.



+MS2 (330.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040618084957.wiff (Turbo Spray) Max. 7.6e5 cps.

18.06.2004
Mecarbam Q3 scan 330 -> 227
[M+H]⁺ = 330
100ng/ml MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min



Printing Time: 9:00:35
Printing Date: Friday, June 18, 2004

Acq. Time: 08:59
Acq. Date: Friday, June 18, 2004
Acq. File: MT20040618085918.wiff

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

Max. 8.9e5 cps.

+MS2 (330.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040618085918.wiff (Turbo Spray)

18.06.2004
Mecarbam_97 Q1 scan 330 -> 97
[M+H]⁺ = 330
100ng/ml MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min

