

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

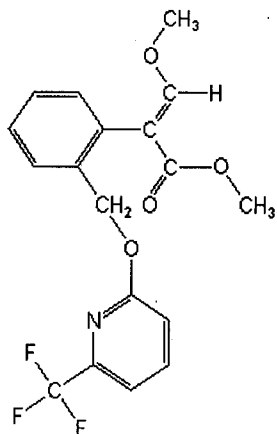
Analyte: Picoxystrobin

CAS No.: 117428-22-5

Formula: C₁₈H₁₆F₃NO₄

Molecular mass (lowest isotopes): 367,10 amu

Structure:



Ionisation: ESI +

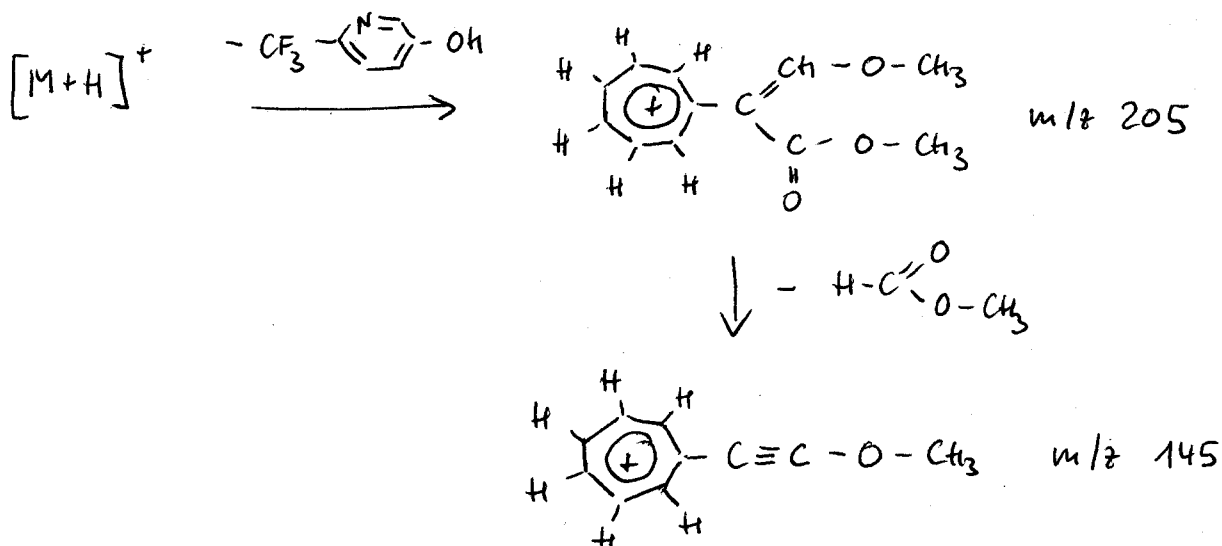
Quasimolecular ion: 368,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	368,1 → 145,0	368,1 → 205,2
Declustering potential (DP) ^{*)}	39 V	39 V
Focusing potential (FP)	350 V	320 V
Entrance potential (EP)	6,5 V	6,0 V
Collision cell entrance potential (CEP)	22 V	24 V
Collision energy (CE)	27 V	15 V
Collision cell exit potential (CXP)	8 V	10 V

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

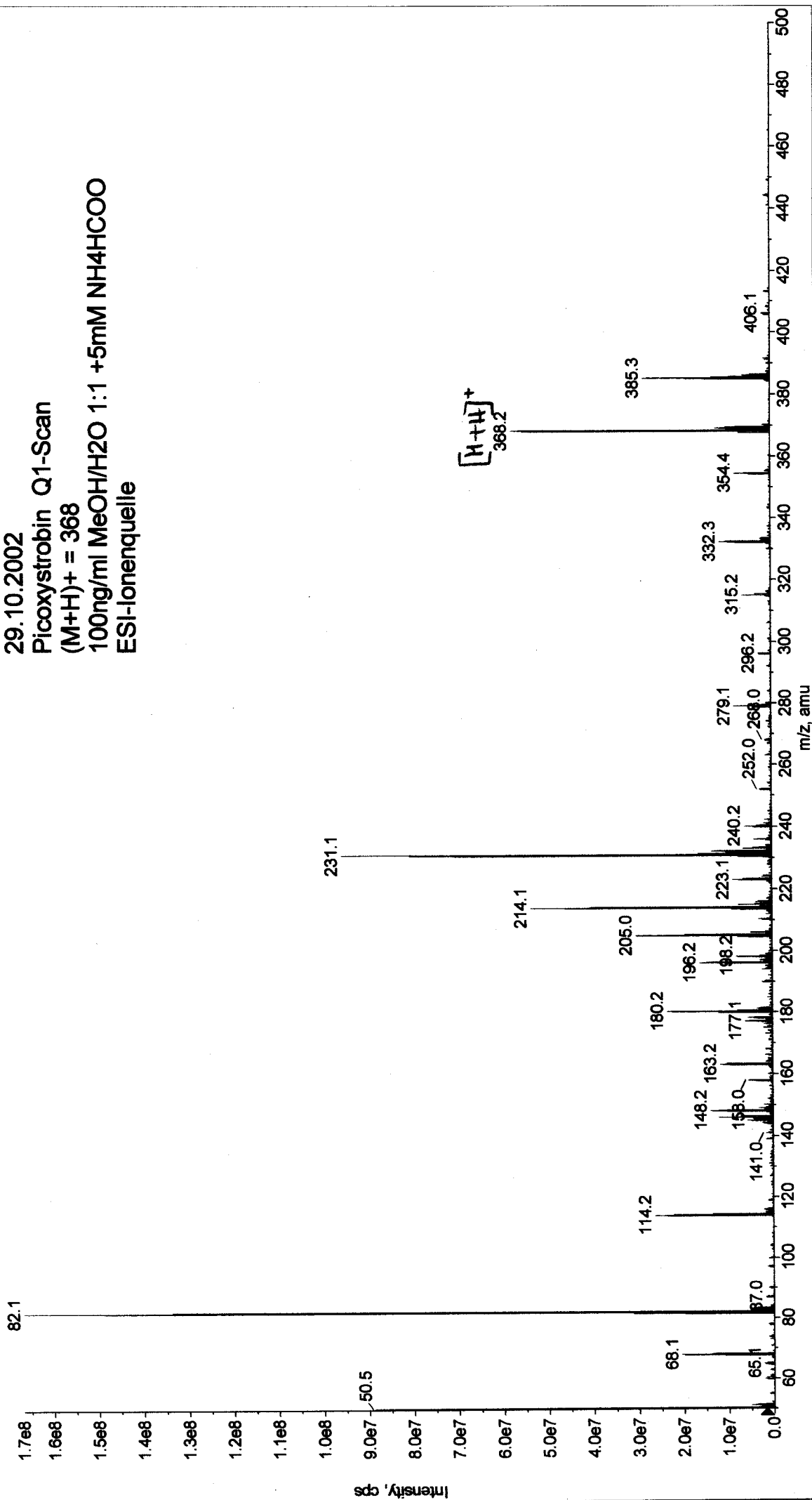
Fragmentation



+Q1: 30 MCA scans from MT20021029133509.wiff

Max 1.7e8 cps

29.10.2002
Picoxystrobin Q1-Scan
(M+H)⁺ = 368
100ng/ml MeOH/H₂O 1:1 +5mM NH₄HCOO
ESI-Ionenquelle



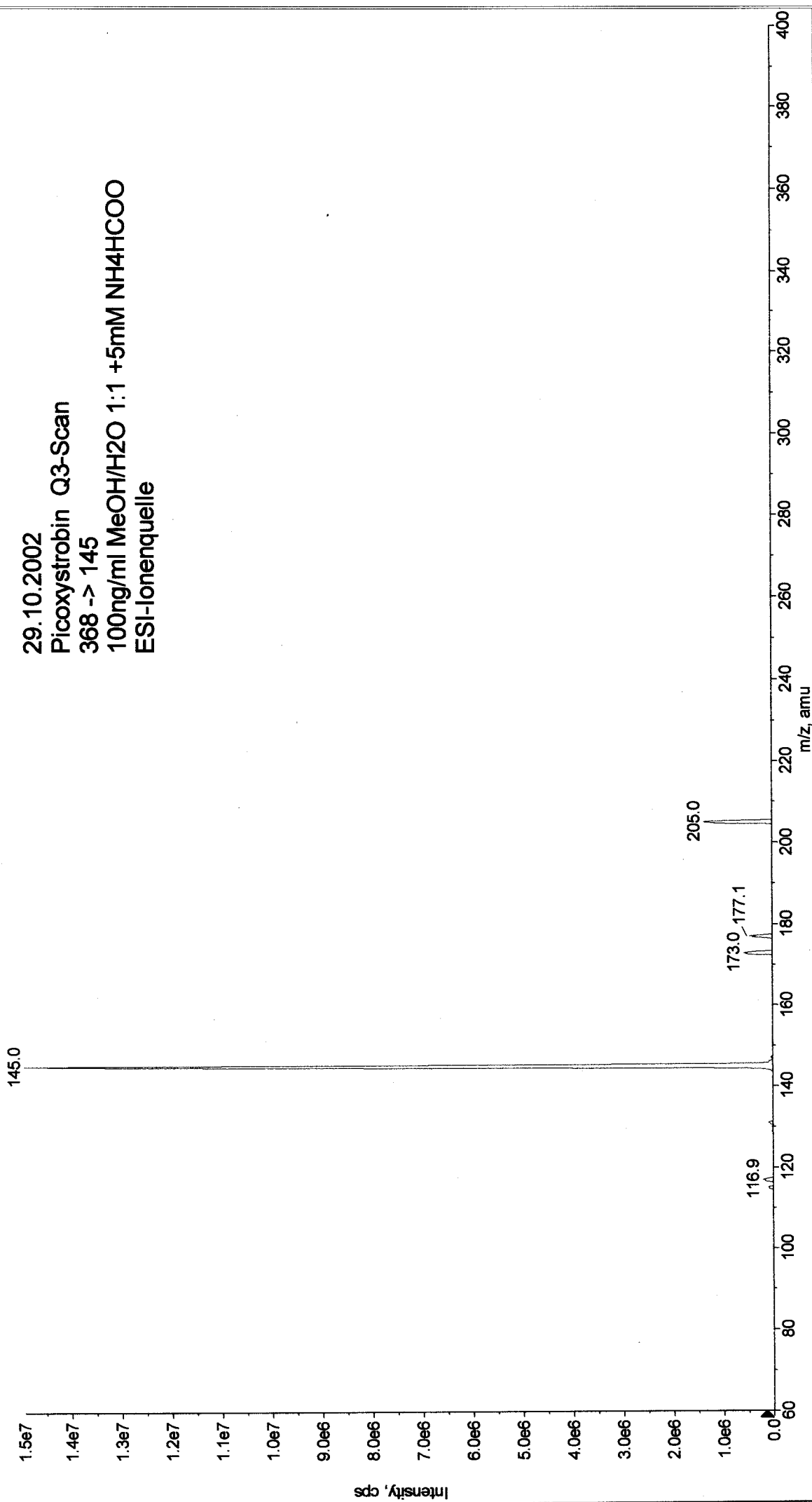
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Printing Time: 13:38:55

Acq. Date: Tuesday, October 29, 2002
Acq. Time: 13:37
Acq. File: MT20021029133756.wiff

Sample Comment:
Sample Name:
Batch Name: N/A

■ +Product (368.0): 30 MCA scans from MT20021029133756.wiff

Max. 1.5e7 cps.



Printing Date: 29 October 2002
Printing Time: 13:46:13

Acq. Date: Tuesday, October 29, 2002
Acq. Time: 13:45
Acq. File: MT20021029134512.wiff

Sample Comment:
Sample Name:
Batch Name: N/A

■ +Product (368.0): 30 MCA scans from MT20021029134512.wiff Max. 1.3e7 cps.

