

MS/MS Parameters of Pesticides

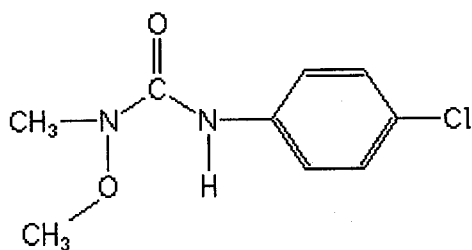
Analyte: Monolinuron

CAS No.: 1746-81-2

Formula: C₉H₁₁ClN₂O₂

Molecular mass (lowest isotopes): 214,05 amu

Structure:



Ionisation: ESI +

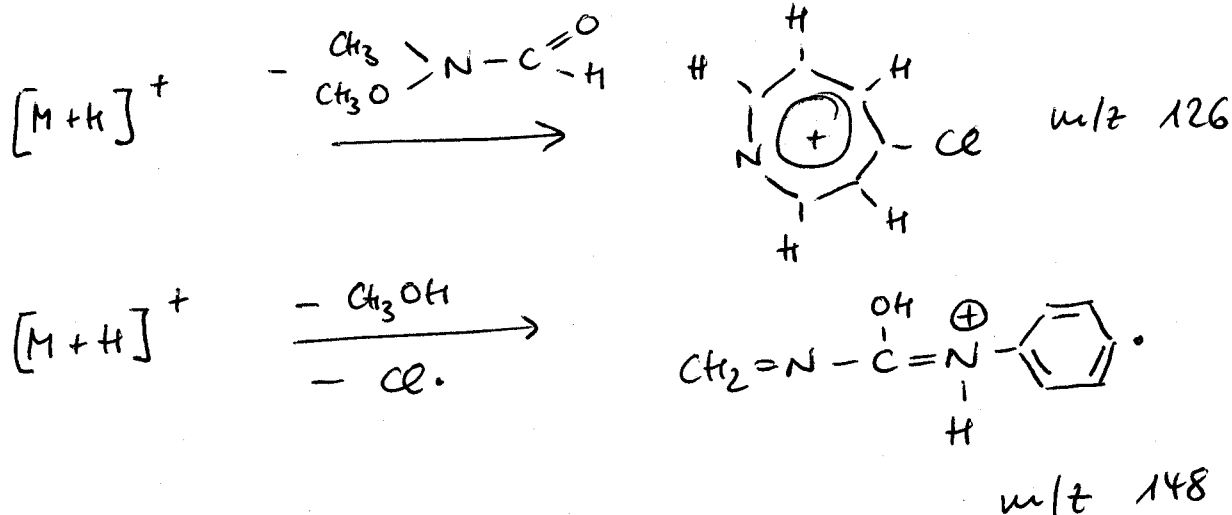
Quasimolecular ion: 215,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	215,1 → 125,9	215,1 → 148,0
Declustering potential (DP) ^{*)}	59 V	59 V
Focusing potential (FP)	340 V	260 V
Entrance potential (EP)	8,5 V	8,5 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	25 V	19 V
Collision cell exit potential (CXP)	6 V	8 V

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

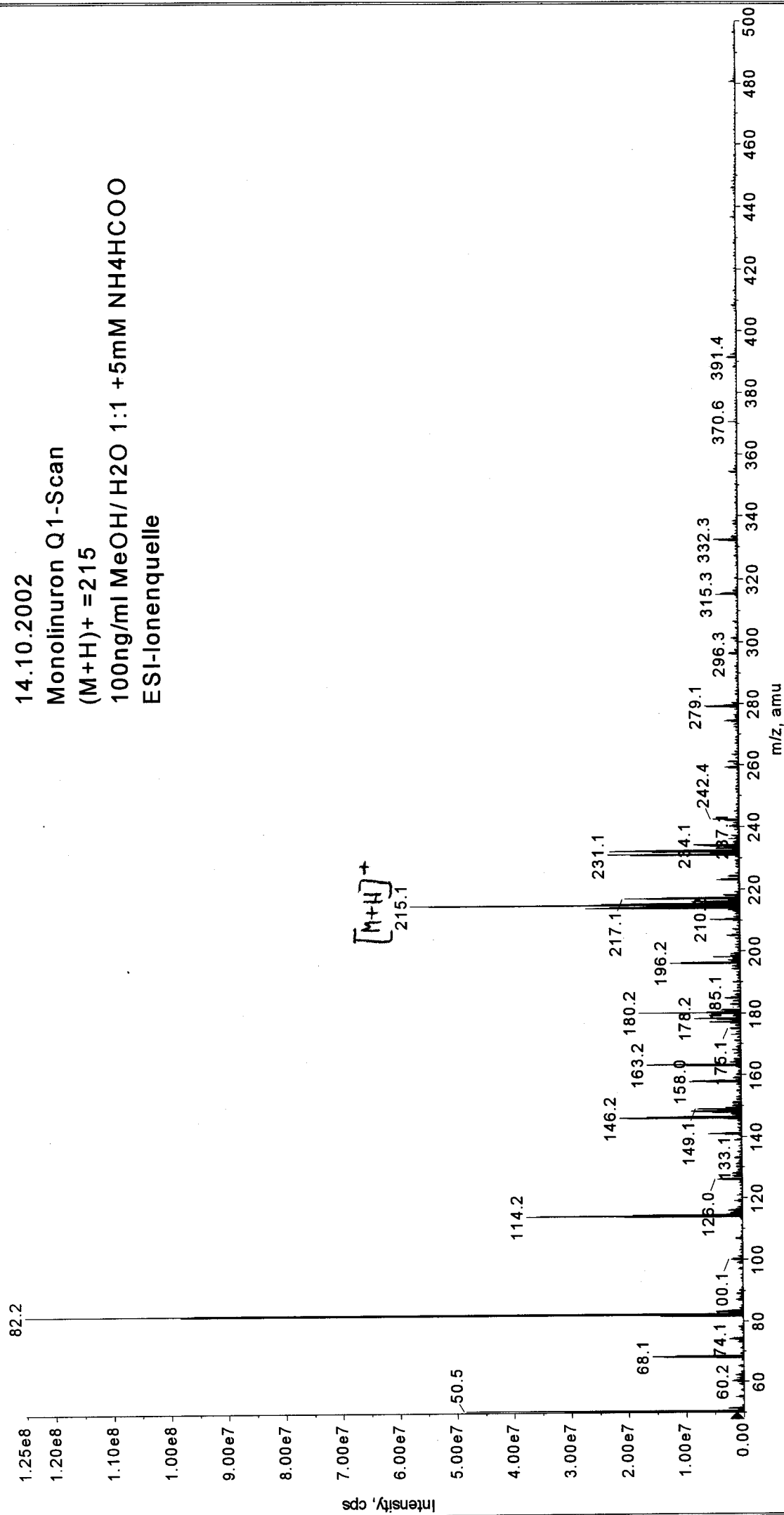
Fragmentation



■ +Q1: 30 MCA scans from MT20021014130158.wiff

Max. 1.3e8 cps.

14.10.2002
Monolinuron Q1-Scan
(M+H)⁺ = 215
100ng/ml MeOH/H₂O 1:1 +5mM NH₄HCOO
ESI-Ionenquelle



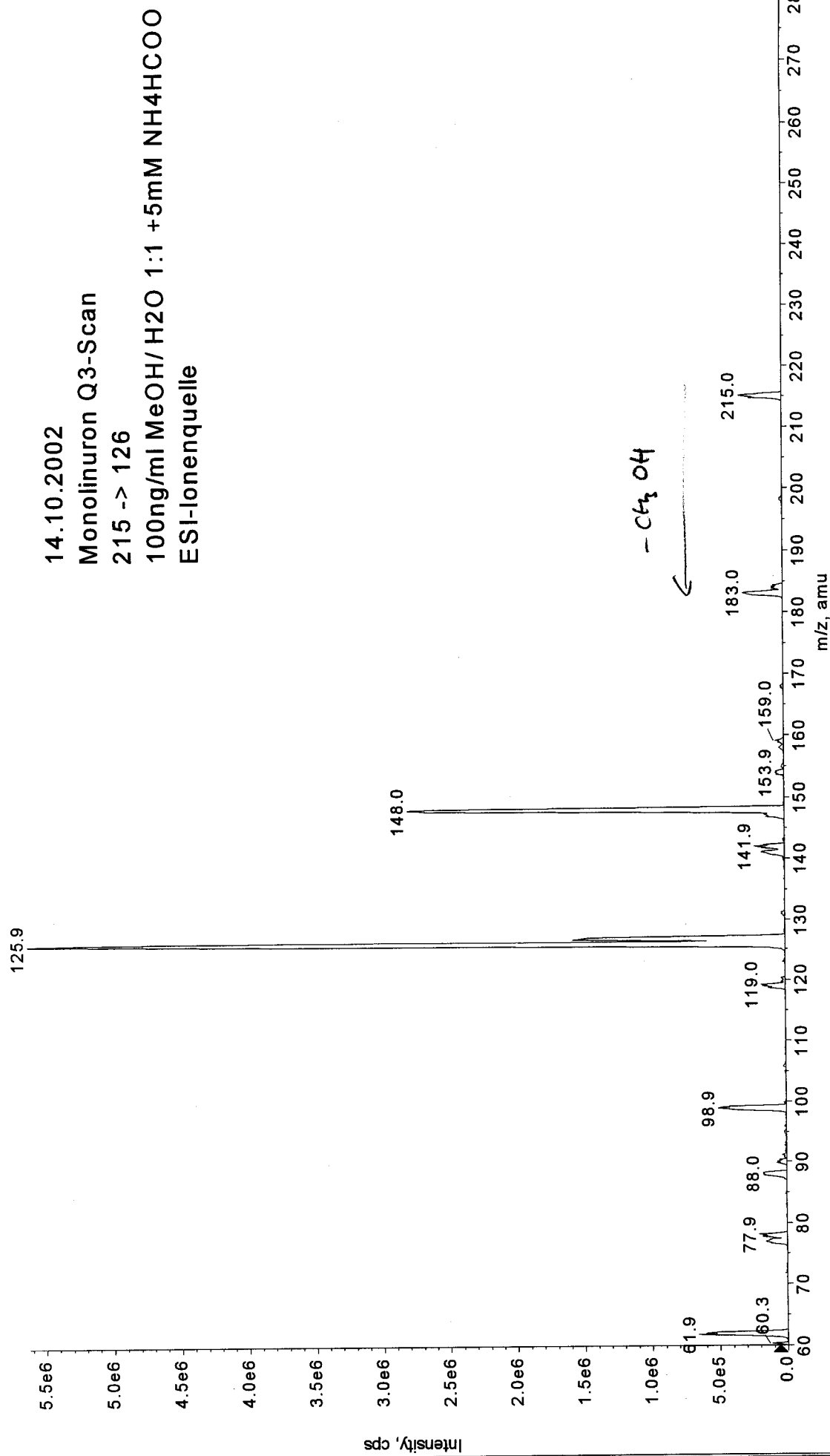
Printing Date: 14 October 2002
Printing Time: 13:07:59

Acq. Date: Monday, October 14, 2002
Acq. Time: 13:06
Acq. File: MT20021014130630.wiff

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

Max. 5.6e6 cps.

+Product (215.0): 30 MCA scans from MT20021014130630.wiff



Printing Date: 14 October 2002
Printing Time: 13:20:24

Acq. Date: Monday, October 14, 2002
Acq. Time: 13:19
Acq. File: MT20021014131908.wiff

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

Max. 4.2e6 cps.
+Product (215.0): 30 MCA scans from MT20021014131908.wiff

14.10.2002
Monolinuron Q3-Scan
215 -> 148
100ng/ml MeOH/H2O 1:1 +5mM NH4HCOO
ESI-Ionenquelle

