

MS/MS Parameters of Pesticides

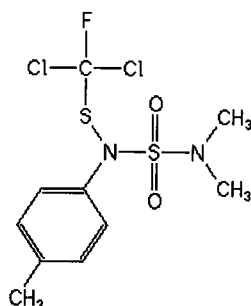
Analyte: Tolyfluanid

CAS No.: 731-27-1

Formula: C₁₀H₁₃Cl₂FN₂O₂S₂

Molecular mass (lowest isotopes): 345,98 amu

Structure:



Ionisation: ESI +

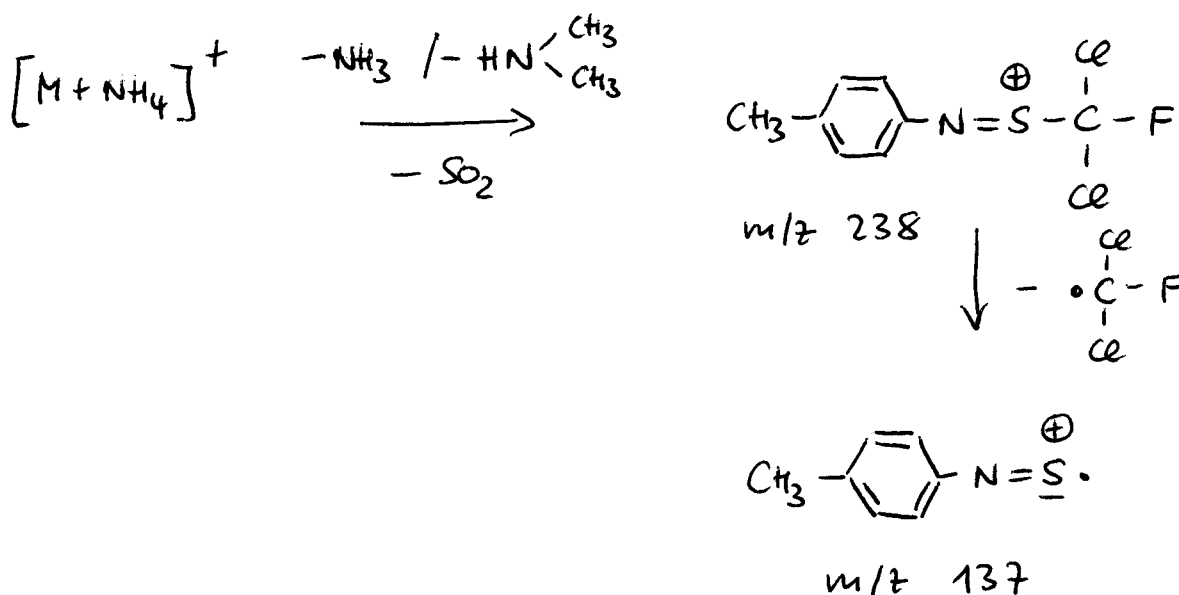
Quasimolecular ion: 364,0 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	364,0 → 237,9	364,0 → 137,1
Declustering potential (DP) ^{*)}	9 V	9 V
Focusing potential (FP)	350 V	360 V
Entrance potential (EP)	8,5 V	8,0 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	19 V	37 V
Collision cell exit potential (CXP)	12 V	6 V

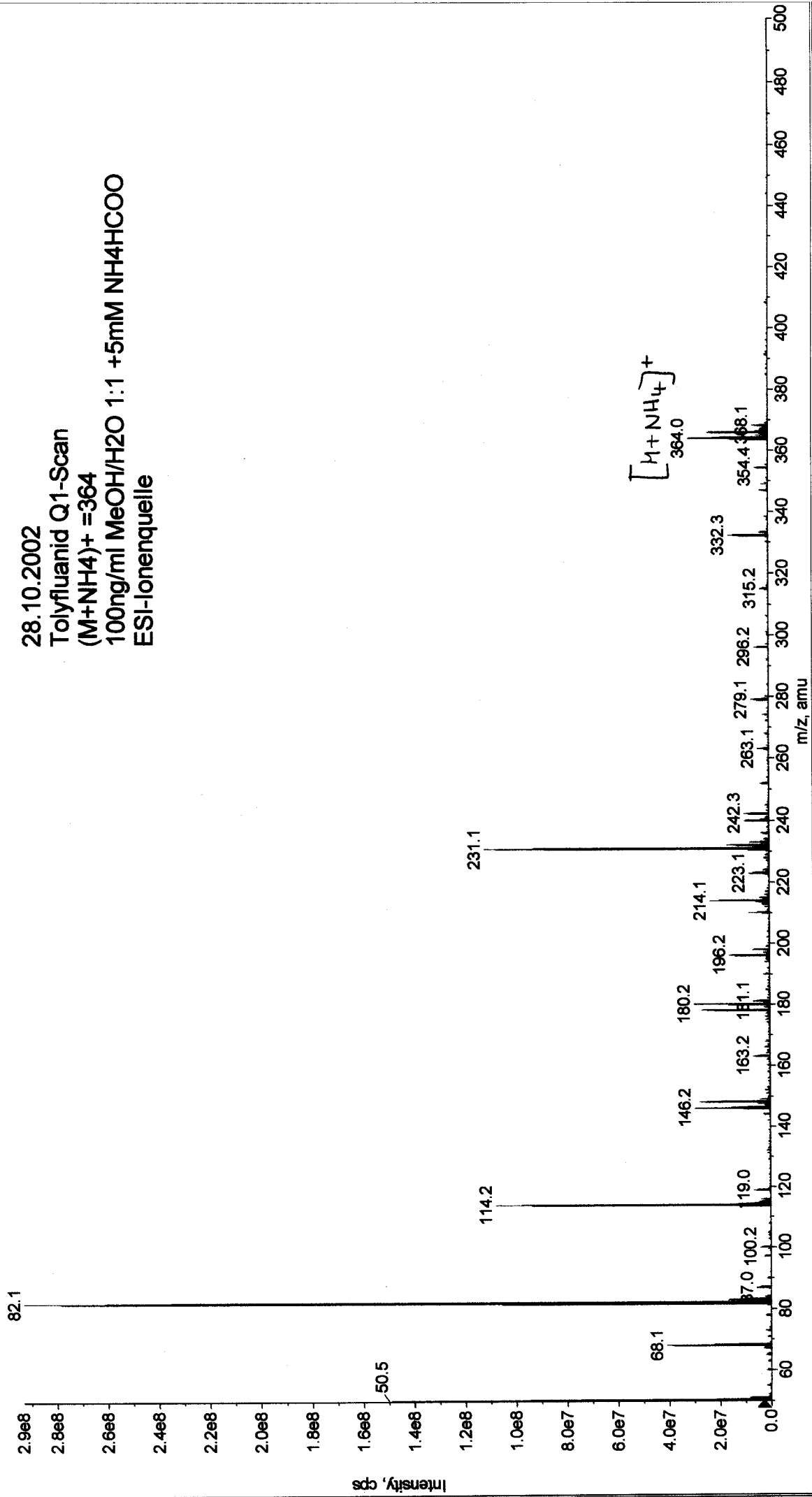
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



+Q1: 30 MCA scans from MT20021028142119.wiff

Max. 2.9e8 cps.



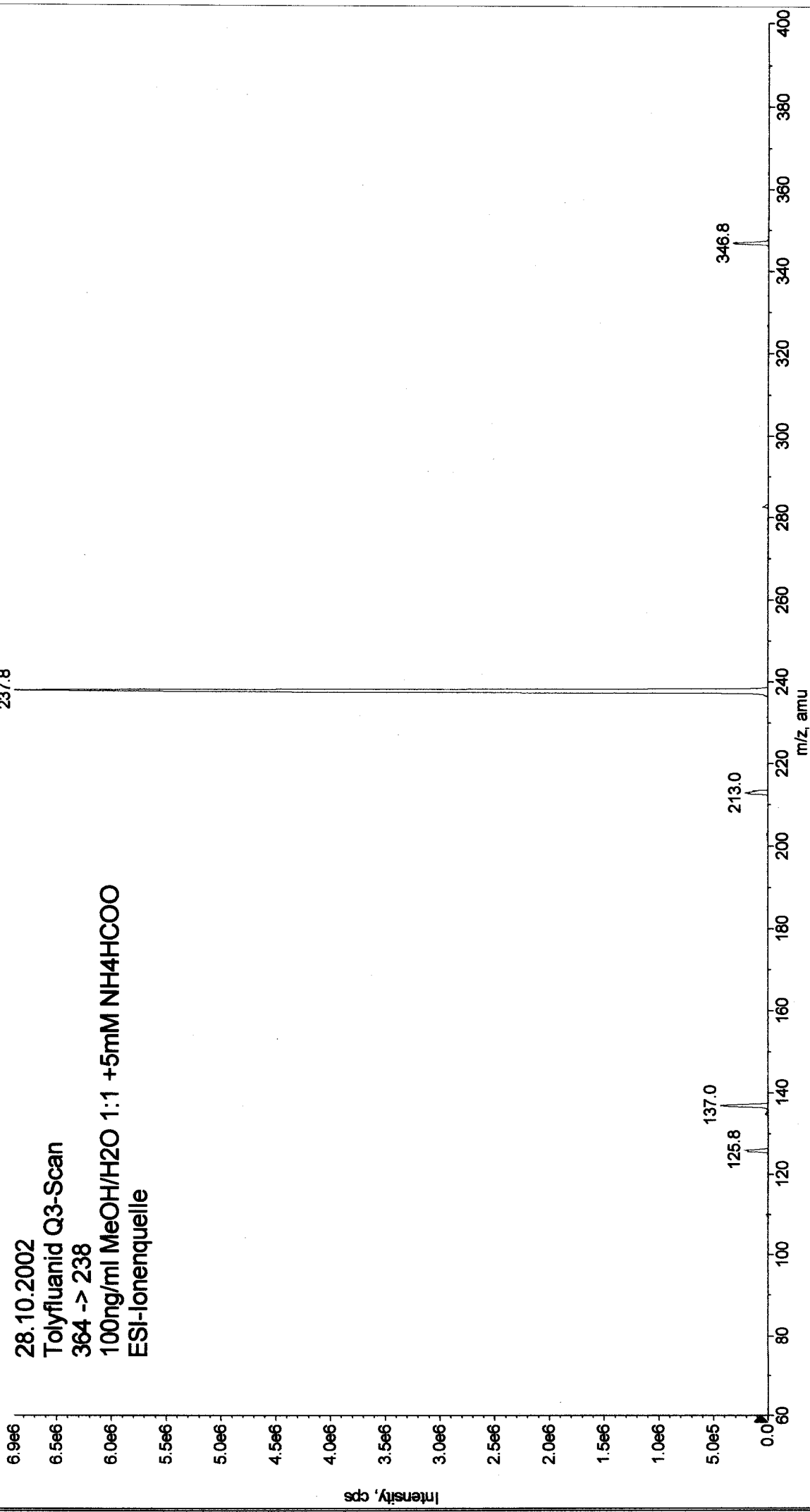
Printing Date: 28 October 2002
Printing Time: 14:20:45

Acq. Date: Monday, October 28, 2002
Acq. Time: 14:19
Acq. File: MT20021028141934.wiff

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

■ +Product (364.0): 30 MCA scans from MT20021028141934.wiff

Max. 6.9e6 cps.



Printing Date: 28 October 2002
Printing Time: 14:32:47

Acq. Date: Monday, October 28, 2002
Acq. Time: 14:31
Acq. File: MT20021028143142.wiff

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

Max 7.3e6 cps.

+Product (364.0): 30 MCA scans from MT20021028143142.wiff

