

MS/MS Parameters of Pesticides

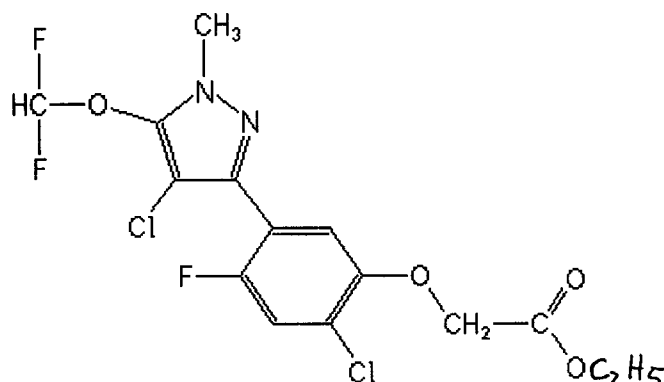
Analyte: Pyraflufen-ethyl

CAS No.: 129630-17-7

Formula: C₁₅H₁₃Cl₂F₃N₂O₄

Molecular mass (lowest isotopes): 412,02 amu

Structure:



Ionisation: ESI +

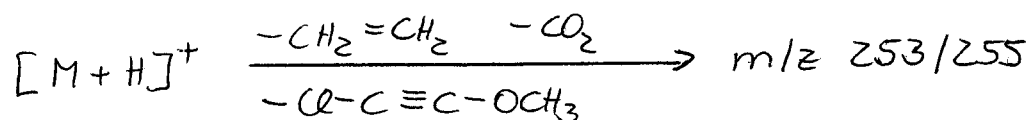
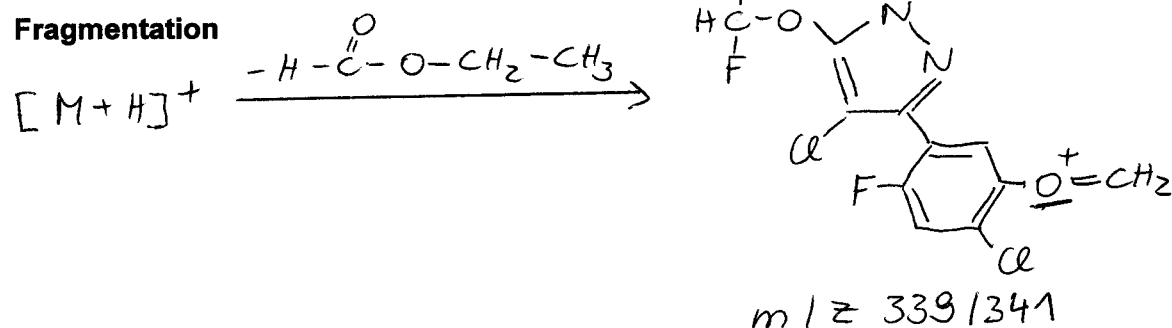
Quasimolecular ion: 413,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	413,0 → 339,0	413,0 → 253,0
Declustering potential (DP) ^{*)}	94V	94 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	11,5 V	8,5 V
Collision cell entrance potential (CEP)	22 V	26 V
Collision energy (CE)	25 V	43 V
Collision cell exit potential (CXP)	18 V	12 V

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

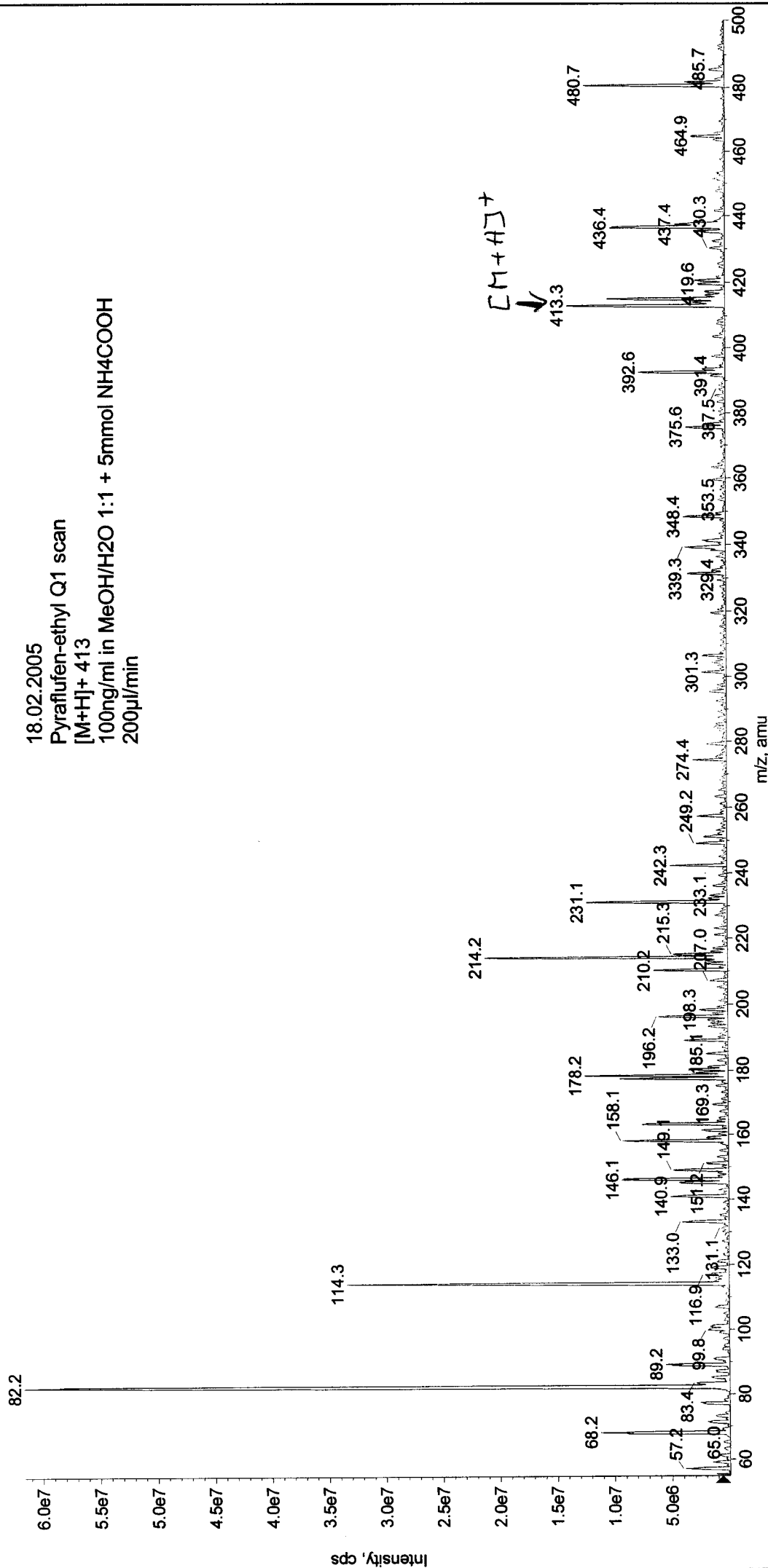
Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050218080524.wiff (Turbo Spray)

Max. 6.2e7 cps.

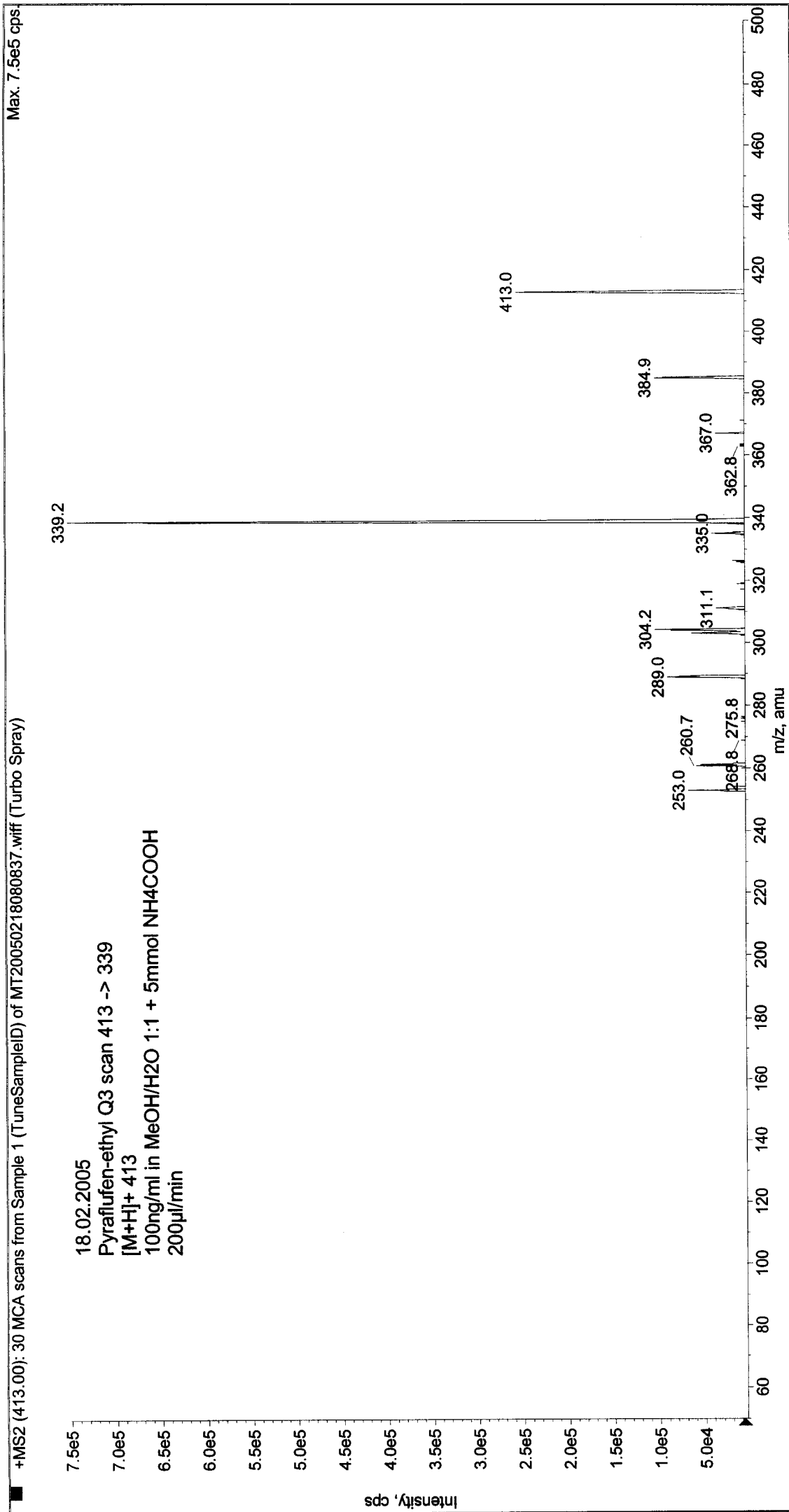
18.02.2005
Pyraflufen-ethyl Q1 scan
[M+H]⁺ 413
100ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min



Printing Time: 8:10:30
Printing Date: Friday, February 18, 2005

Acq. Time: 08:08
Acq. Date: Friday, February 18, 2005
Acq. File: MT20050218080837.wiff

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



Printing Time: 8:11:42
Printing Date: Friday, February 18, 2005

Acq. Time: 08:10
Acq. Date: Friday, February 18, 2005
Acq. File: MT20050218081047.wiff

Sample Comment:
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Batch Name: ManualTune.bat

