

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

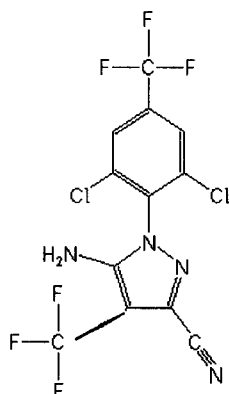
Analyte: Fipronil-desulfinyl

CAS No.: 205650-65-3

Formula: C₁₂H₄Cl₂F₆N₄

Molecular mass (lowest isotopes): 387,97 amu

Structure:



Ionisation: ESI -

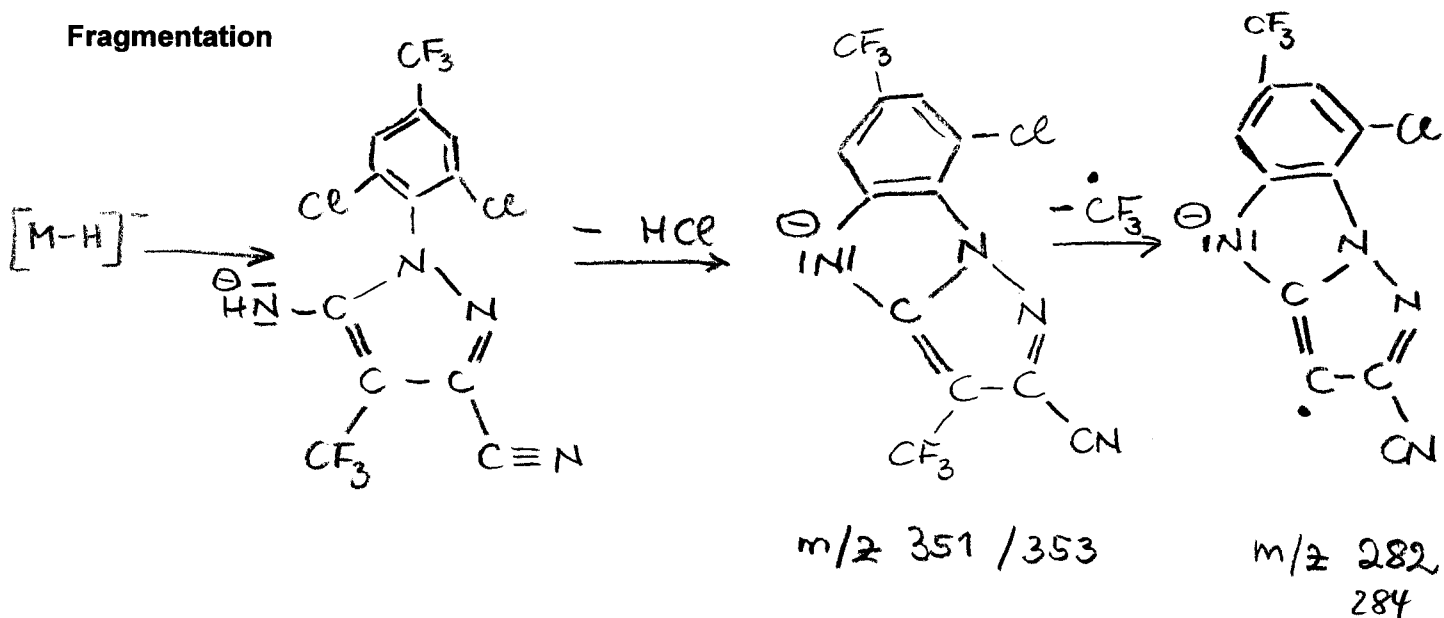
Quasimolecular ion: 387 amu = [M-H]⁻

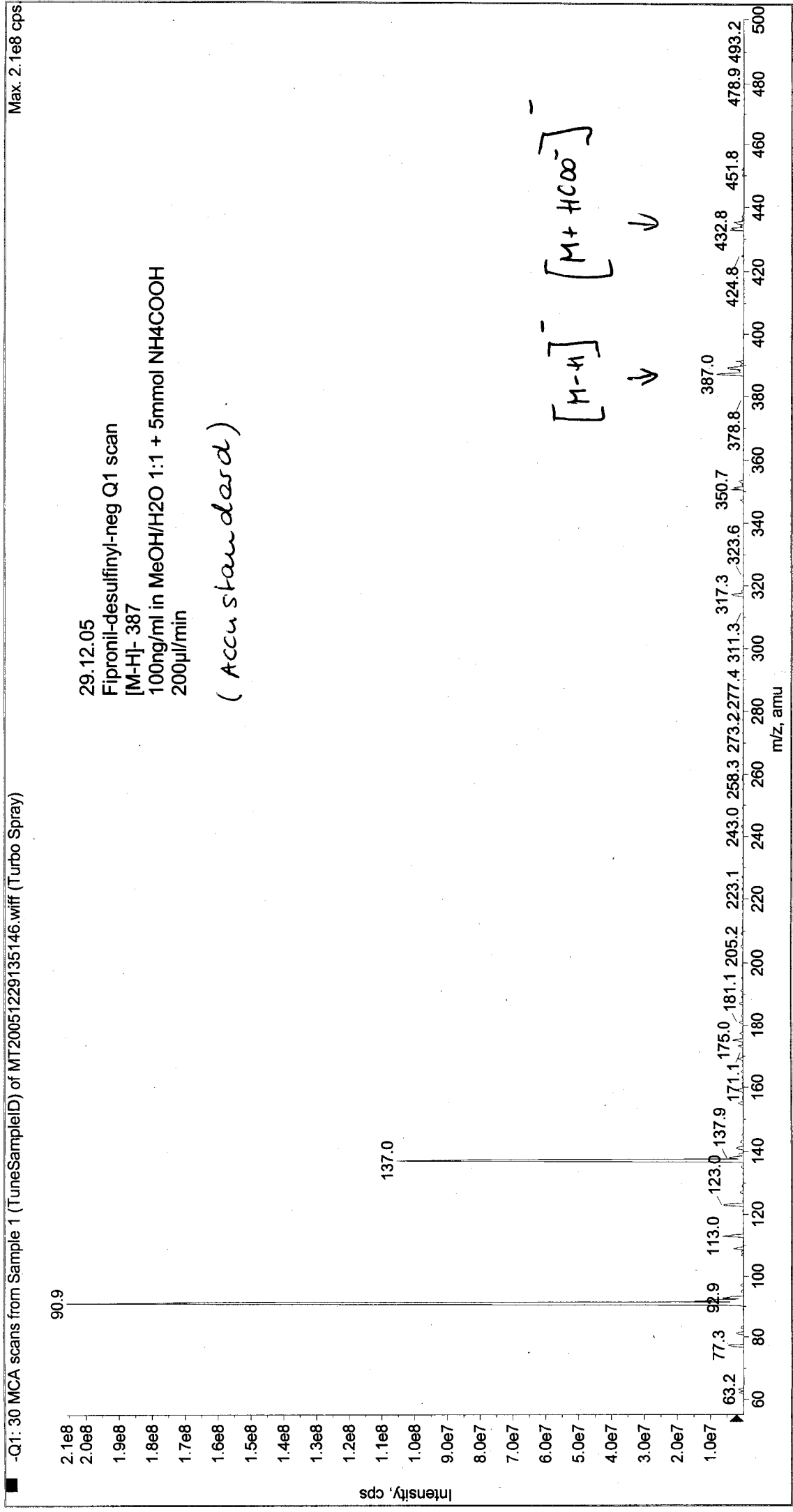
Analyte sensitive parameter set (API 2000)

Transition	387 → 351	387 → 282
Declustering potential (DP) ^{*)}	-34V	-34 V
Focusing potential (FP)	-330 V	-330 V
Entrance potential (EP)	-9,0 V	-10,5 V
Collision cell entrance potential (CEP)	-30 V	-34 V
Collision energy (CE)	-18 V	-38 V
Collision cell exit potential (CXP)	-22 V	-18 V

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

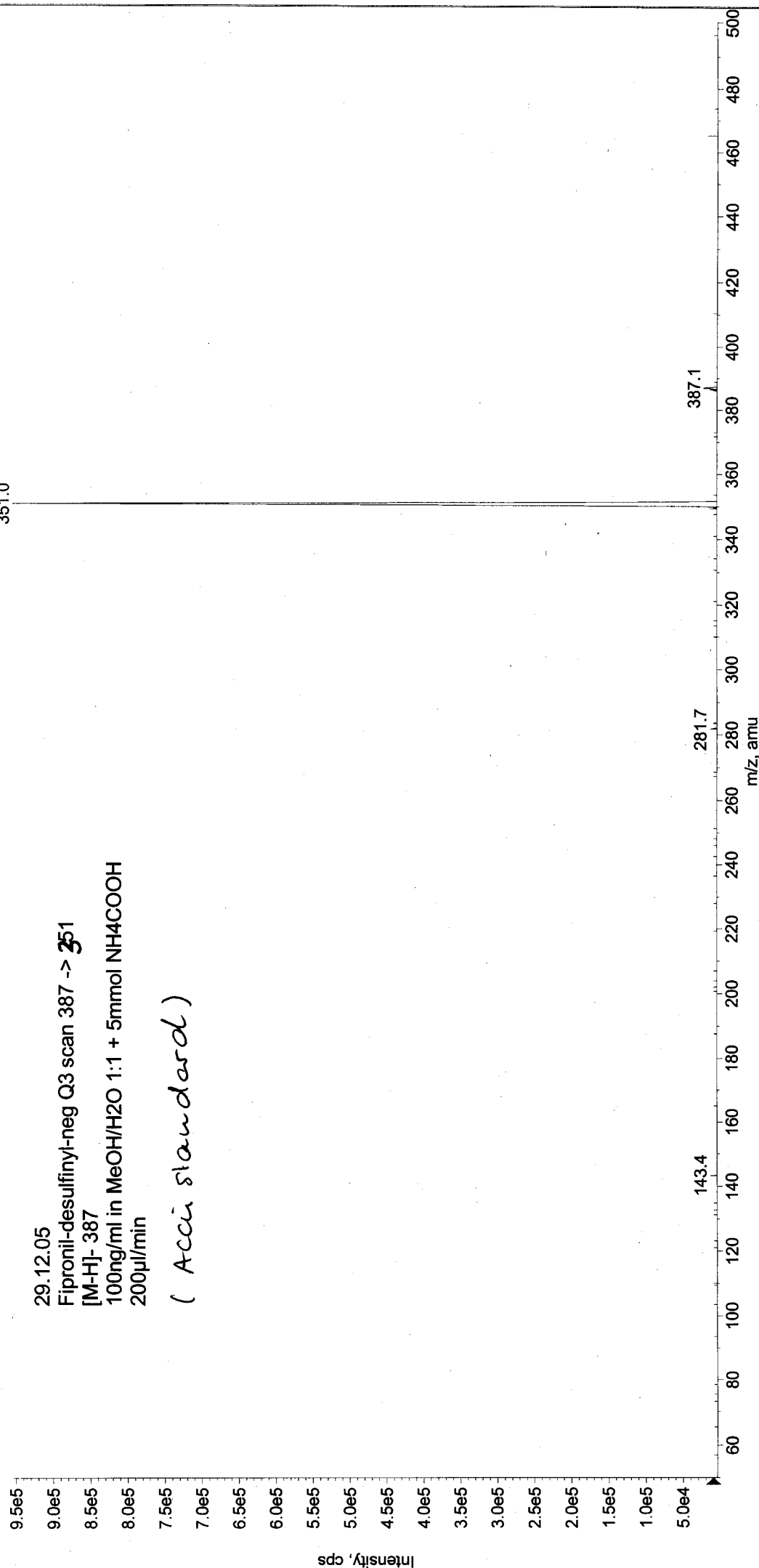
Fragmentation





■ -MS2 (387.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20051230080331.wiff (Turbo Spray)

Max. 9.5e5 cps



29.12.05
Fipronil-desulfinyl-neg Q3 scan 387 -> 351
[M-H]- 387
100ng/ml in MeOH/H2O 1:1 + 5mmol NH4COOH
200µl/min

(Accu standard)

Printing Time: 8:06:18

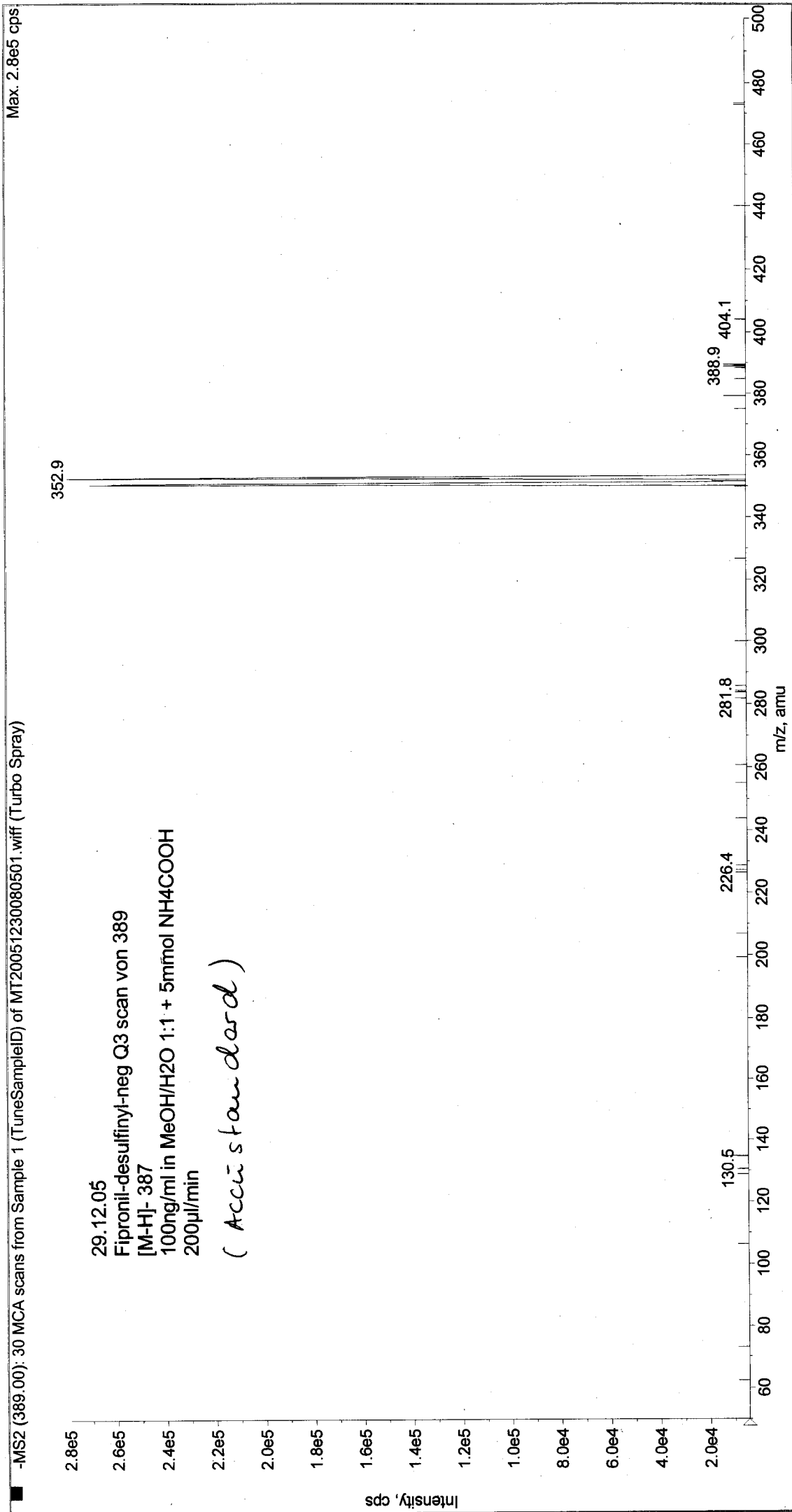
Printing Date: Friday, December 30, 2005

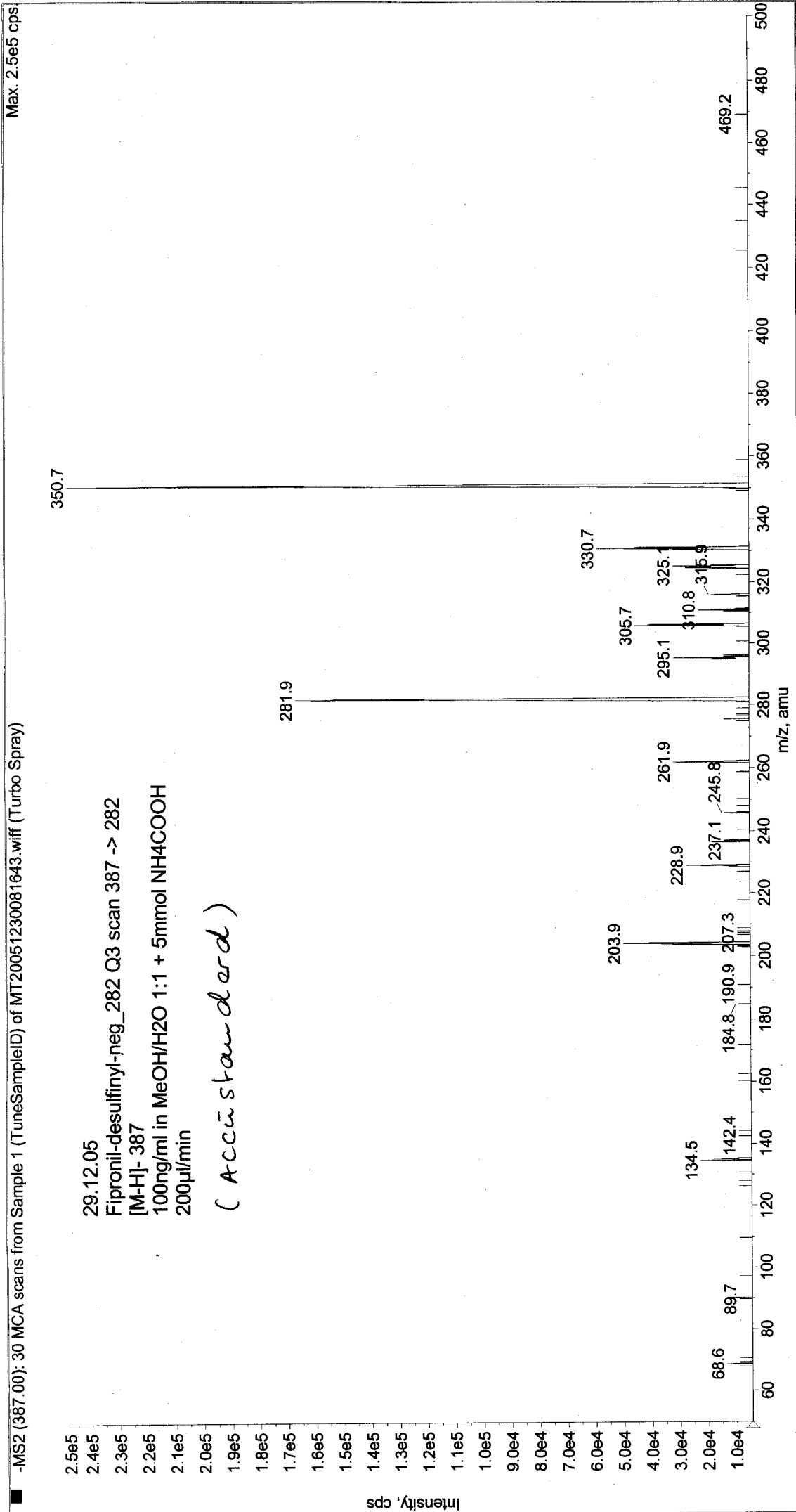
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Acq. Date: Friday, December 30, 2005

Acq. File: MT20051230080501.wiff

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





Printing Time: 8:19:53
Printing Date: Friday, December 30, 2005

Acq. Time: 08:18
Acq. Date: Friday, December 30, 2005
Acq. File: MT20051230081844.wiff

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

