

MS/MS Parameters of Pesticides

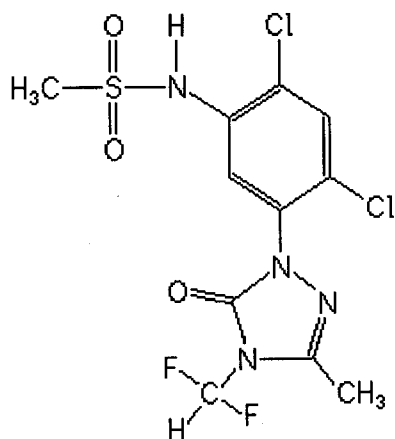
Analyte: Sulfentrazone

CAS No.: 122836-35-5

Formula: C₁₁H₁₀Cl₂F₂N₄O₃S

Molecular mass (lowest isotopes): 385,98 amu

Structure:



Ionisation: ESI -

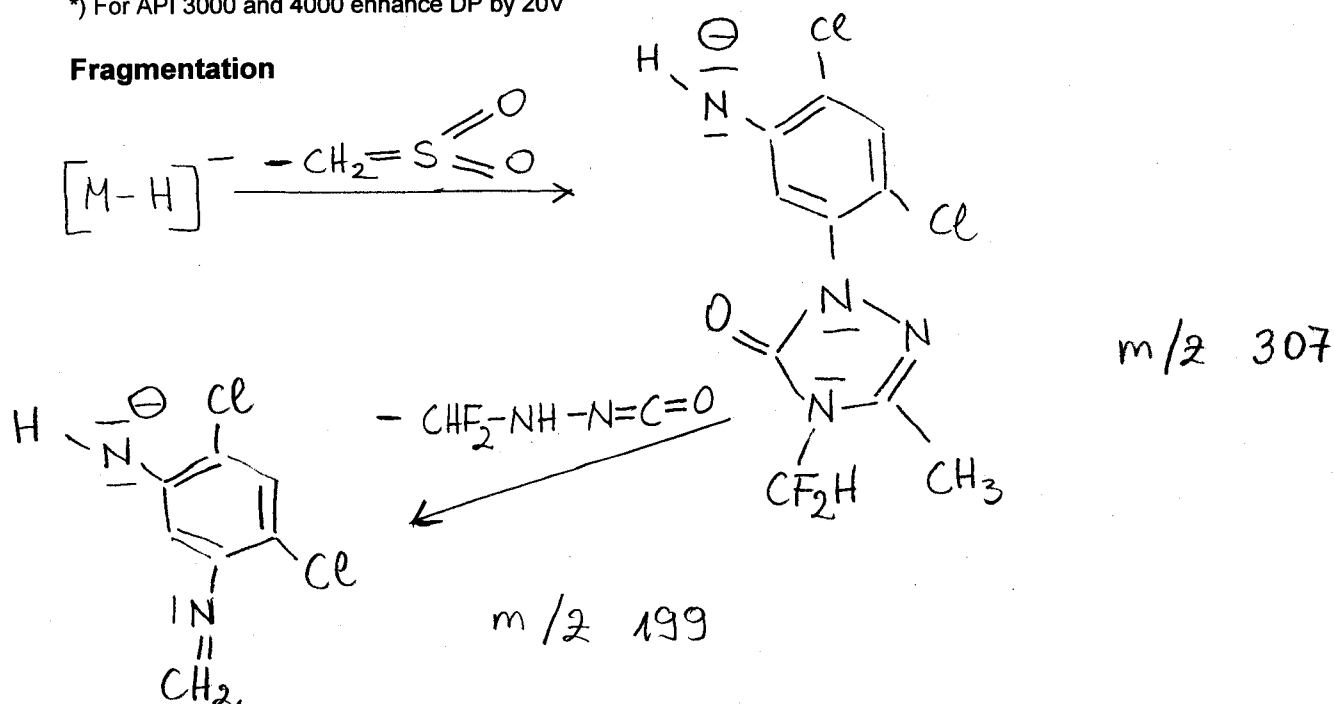
Quasimolecular ion: 385,0 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

Transition	385,0 → 307,1	385,0 → 198,9
Declustering potential (DP) ^{*)}	-54V	-54 V
Focusing potential (FP)	-330 V	-350 V
Entrance potential (EP)	-10,0 V	-10,5 V
Collision cell entrance potential (CEP)	-26 V	-24 V
Collision energy (CE)	-30 V	-44 V
Collision cell exit potential (CXP)	-18 V	-12 V

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

Fragmentation



Printing Time: 10:24:29

Printing Date: Monday, February 21, 2005

Acq. Time: 09:22

Acq. Date: Monday, February 21, 2005

Acq. File: MT20050221092218.wiff

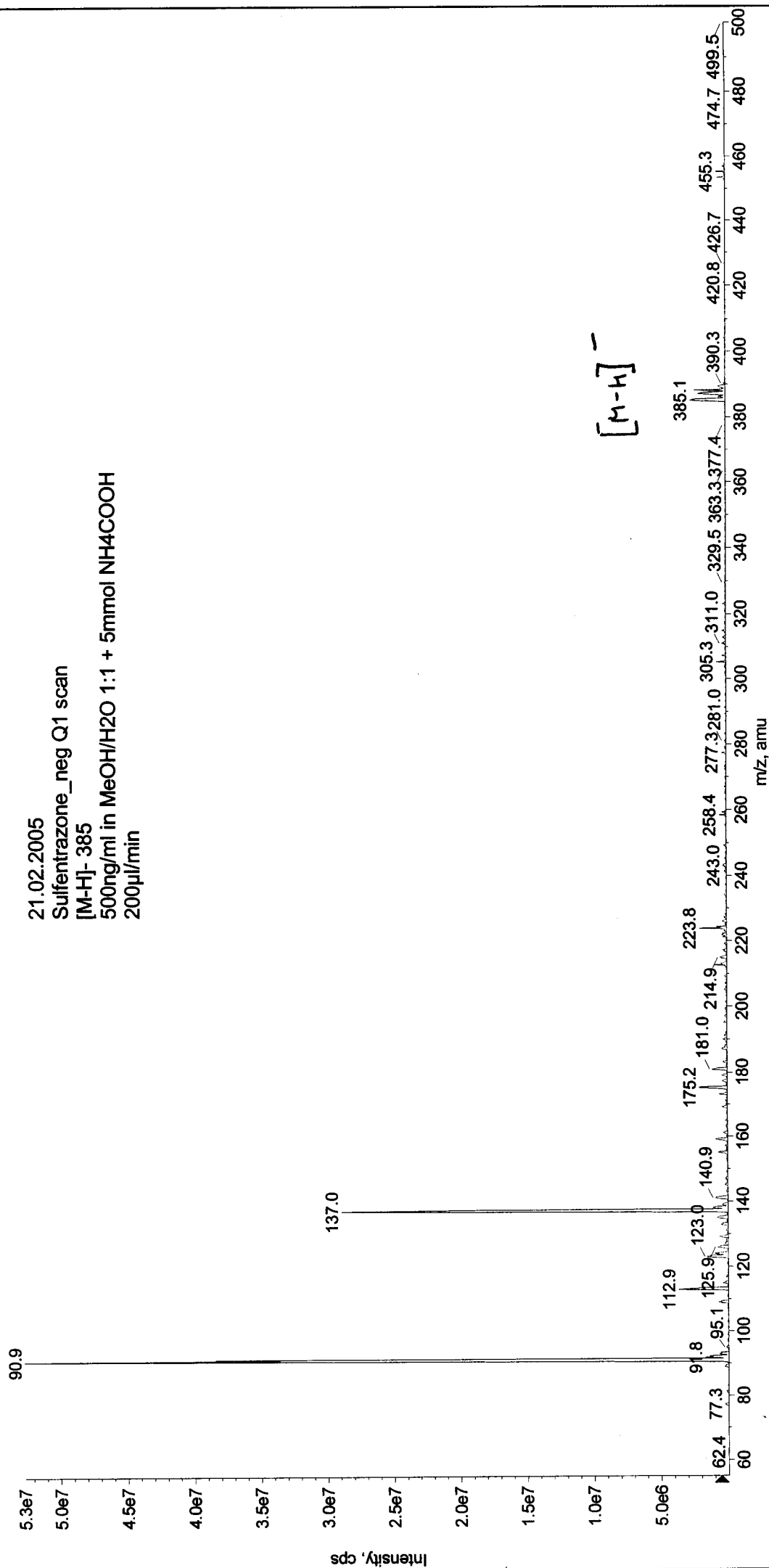
Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

-Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050221092218.wiff (Turbo Spray) Max. 5.3e7 cps

21.02.2005
Sulfentrazone_neg Q1 scan
[M-H]⁻ 385
500ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min



Printing Time: 10:27:00
Printing Date: Monday, February 21, 2005

Acq. Time: 10:25
Acq. Date: Monday, February 21, 2005
Acq. File: MT20050221102530.wiff

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

