

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

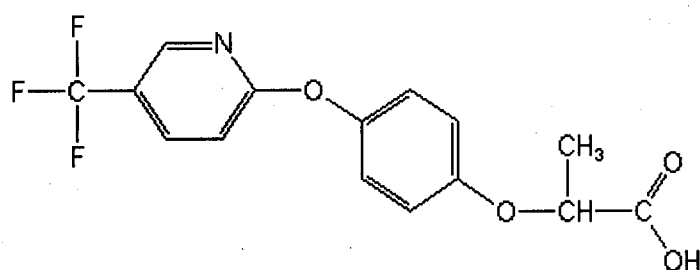
Analyte: Fluazifop (free acid)

CAS No.: 69335-91-7

Formula: C₁₅H₁₂F₃NO₄

Molecular mass (lowest isotopes): 327,07 amu

Structure:



Ionisation: ESI +

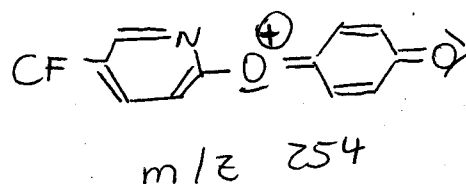
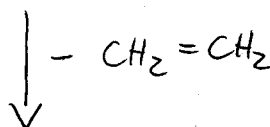
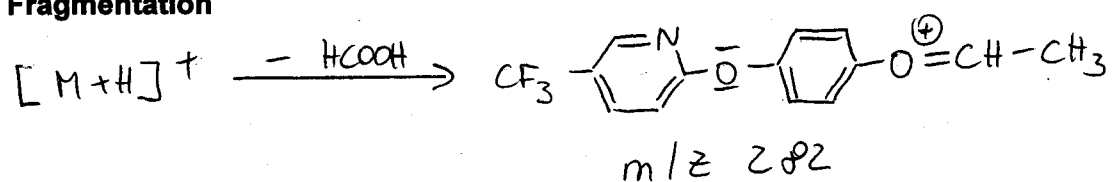
Quasimolecular ion: 328,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	328,1 → 282,0	328,1 → 254,1
Declustering potential (DP) ^{*)}	31V	31 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10 V	12 V
Collision cell entrance potential (CEP)	24 V	20 V
Collision energy (CE)	23 V	35 V
Collision cell exit potential (CXP)	16 V	14 V

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

Fragmentation



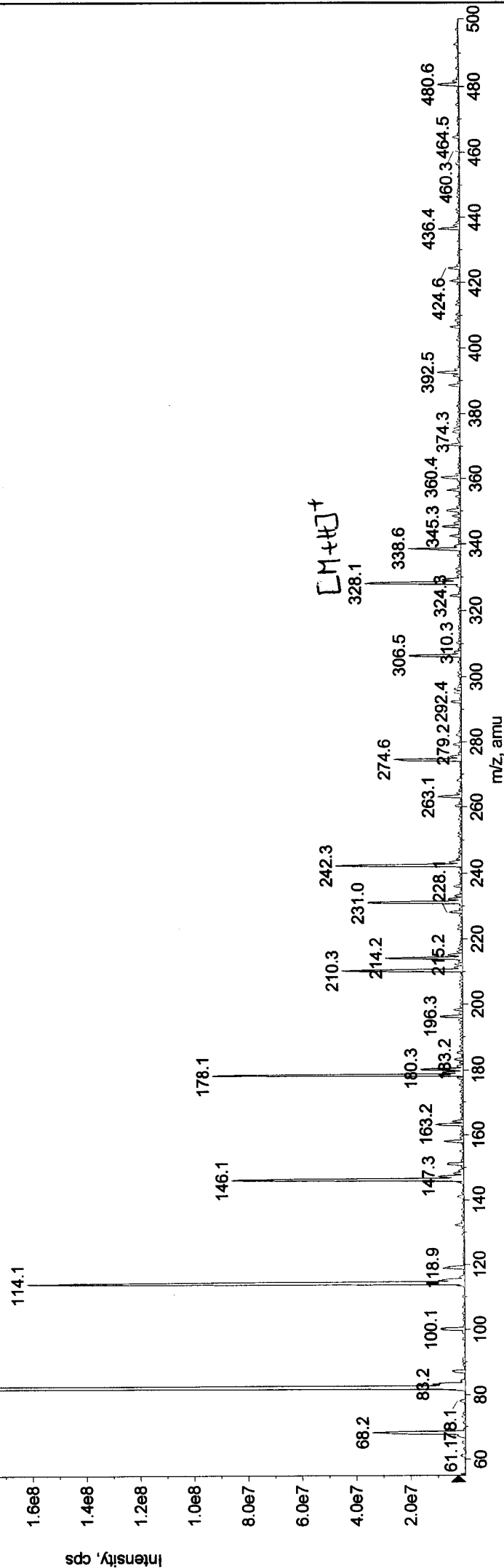
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Printing Date: Tuesday, March 08, 2005

Acq. Time: 13:45
Acq. Date: Tuesday, March 08, 2005
Acq. File: MT20050308134535.wiff

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

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050308134535.wiff (Turbo Spray) Max. 2.6e8 cps

08.03.2005
Fluazifop_254 Q1 scan
[M+H]⁺ 328
500ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min



Printing Time: 13:41:49
Printing Date: Tuesday, March 08, 2005

Acq. Time: 13:40
Acq. Date: Tuesday, March 08, 2005
Acq. File: MT20050308134038.wiff

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

