

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

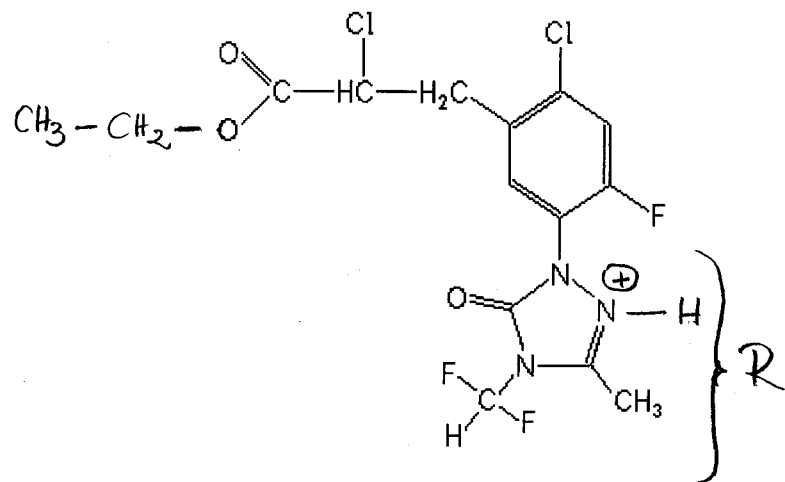
Analyte: Carfentrazone-ethyl

CAS No.: 128639-02-1

Formula: C₁₅H₁₄Cl₂F₃N₃O₃

Molecular mass (lowest isotopes): 411,04 amu

Structure:



Ionisation: ESI +

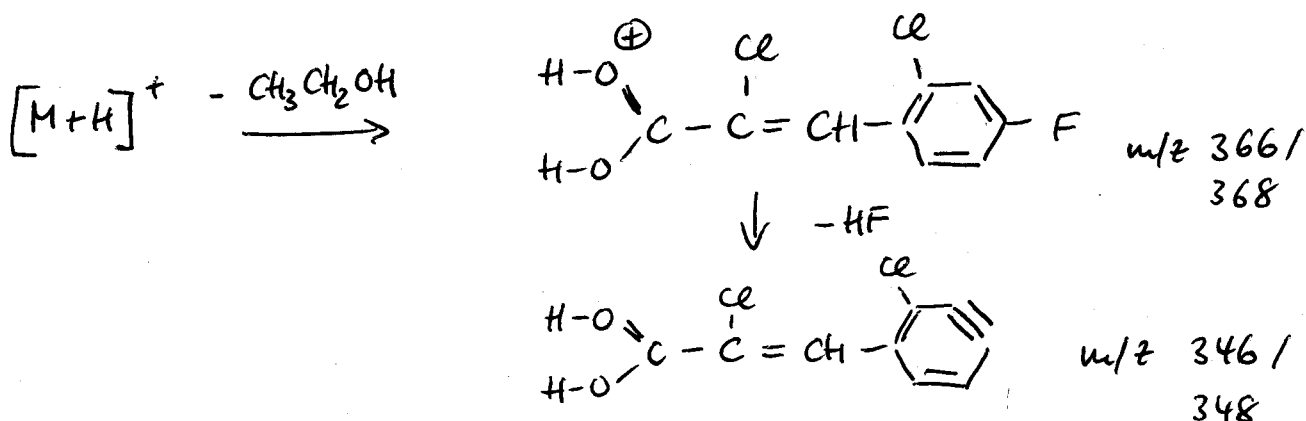
Quasimolecular ion: 412,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

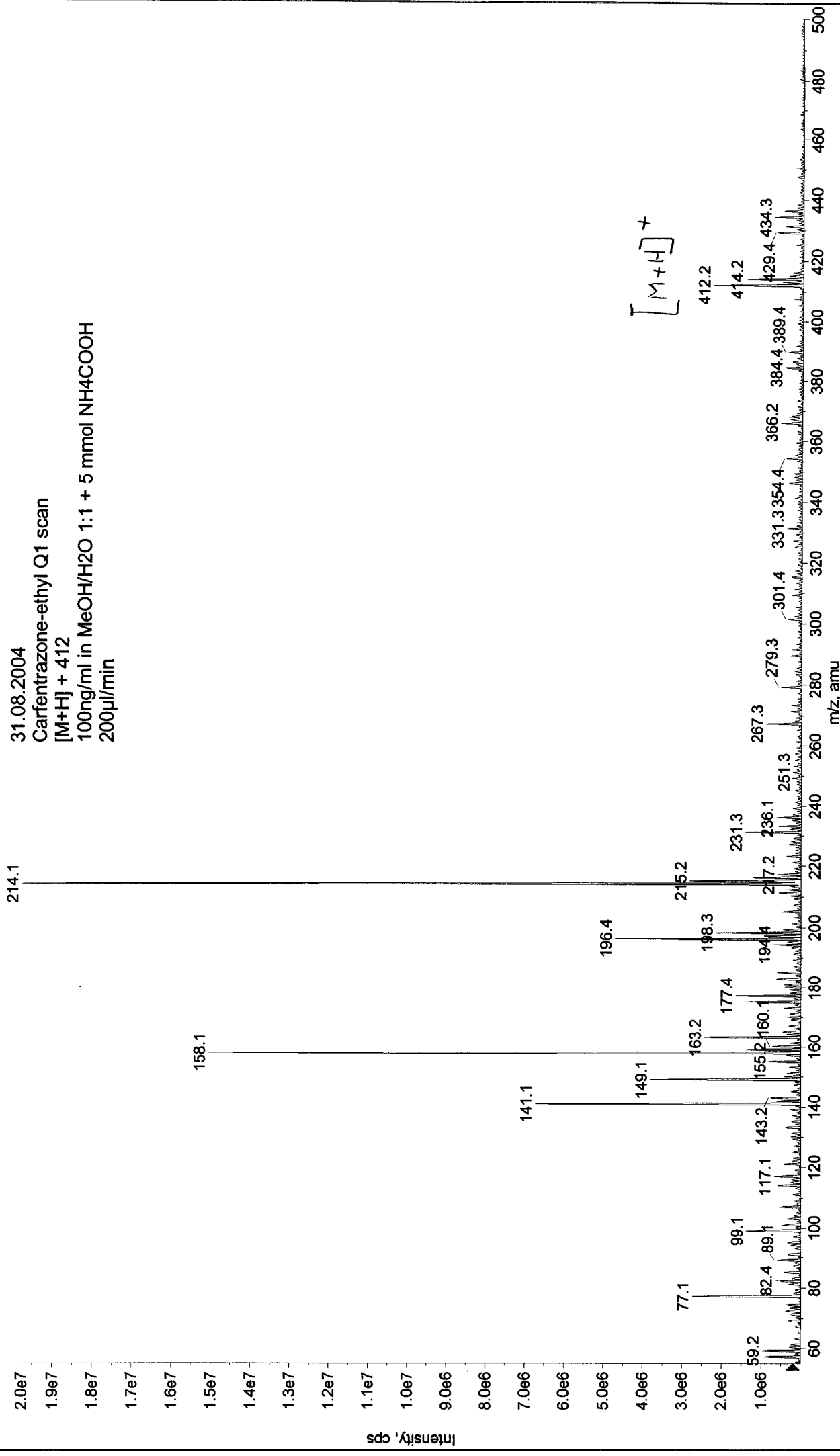
Transition	412,0 → 365,9	412,0 → 345,9
Declustering potential (DP) ^{*)}	64 V	64 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	8,5 V	10,5 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	25 V	31 V
Collision cell exit potential (CXP)	22 V	20 V

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

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040831120148.wiff (Turbo Spray) Max. 2.0e7 cps



Printing Time: 12:16:10
Printing Date: Tuesday, August 31, 2004

Acq. Time: 12:14
Acq. Date: Tuesday, August 31, 2004
Acq. File: MT20040831121402.wiff

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

