

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

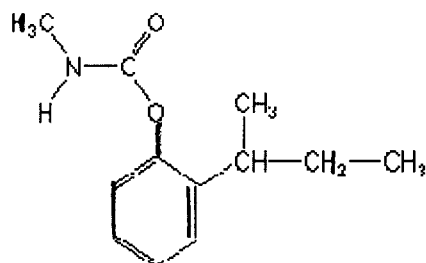
Analyte: Fenobucarb

CAS No.: 3766-81-2

Formula: C₁₂H₁₇NO₂

Molecular mass (lowest isotopes): 207,13 amu

Structure:



Ionisation: ESI +

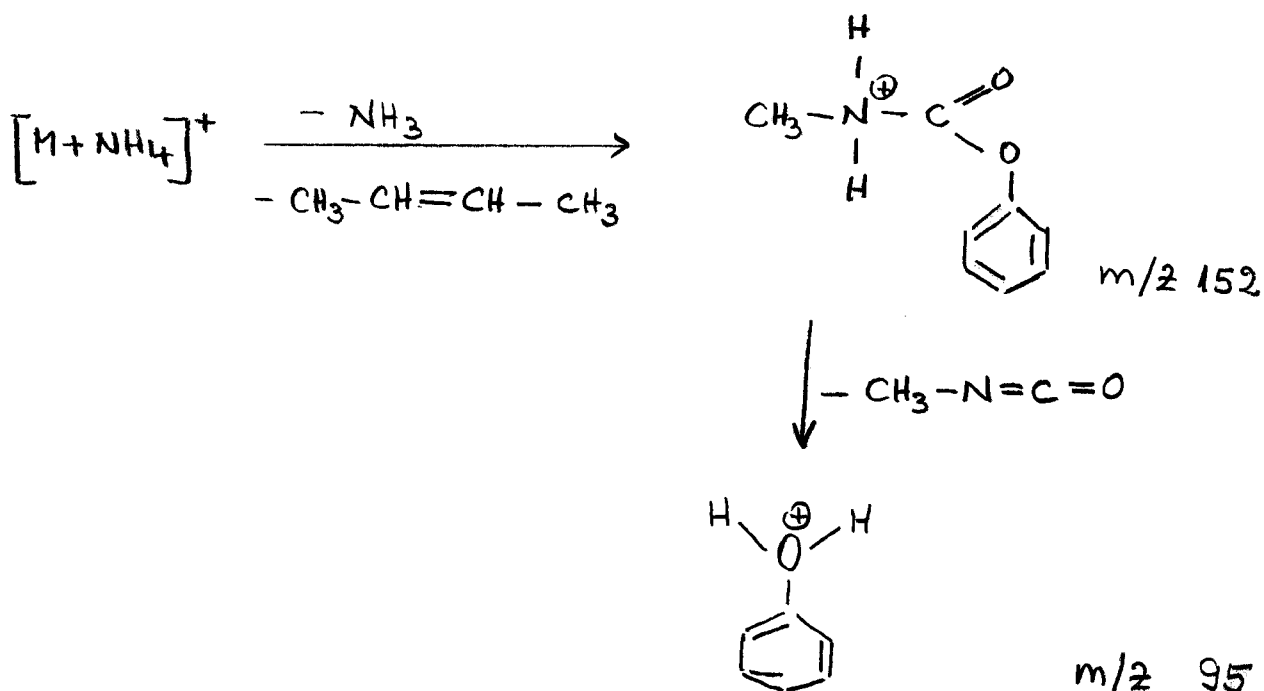
Quasimolecular ion: 225,1 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	225,1 → 95,0	225,1 → 152,0
Declustering potential (DP) ^{*)}	6 V	6 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	11,5 V	10,0 V
Collision cell entrance potential (CEP)	12 V	14 V
Collision energy (CE)	25 V	17 V
Collision cell exit potential (CXP)	6 V	8 V

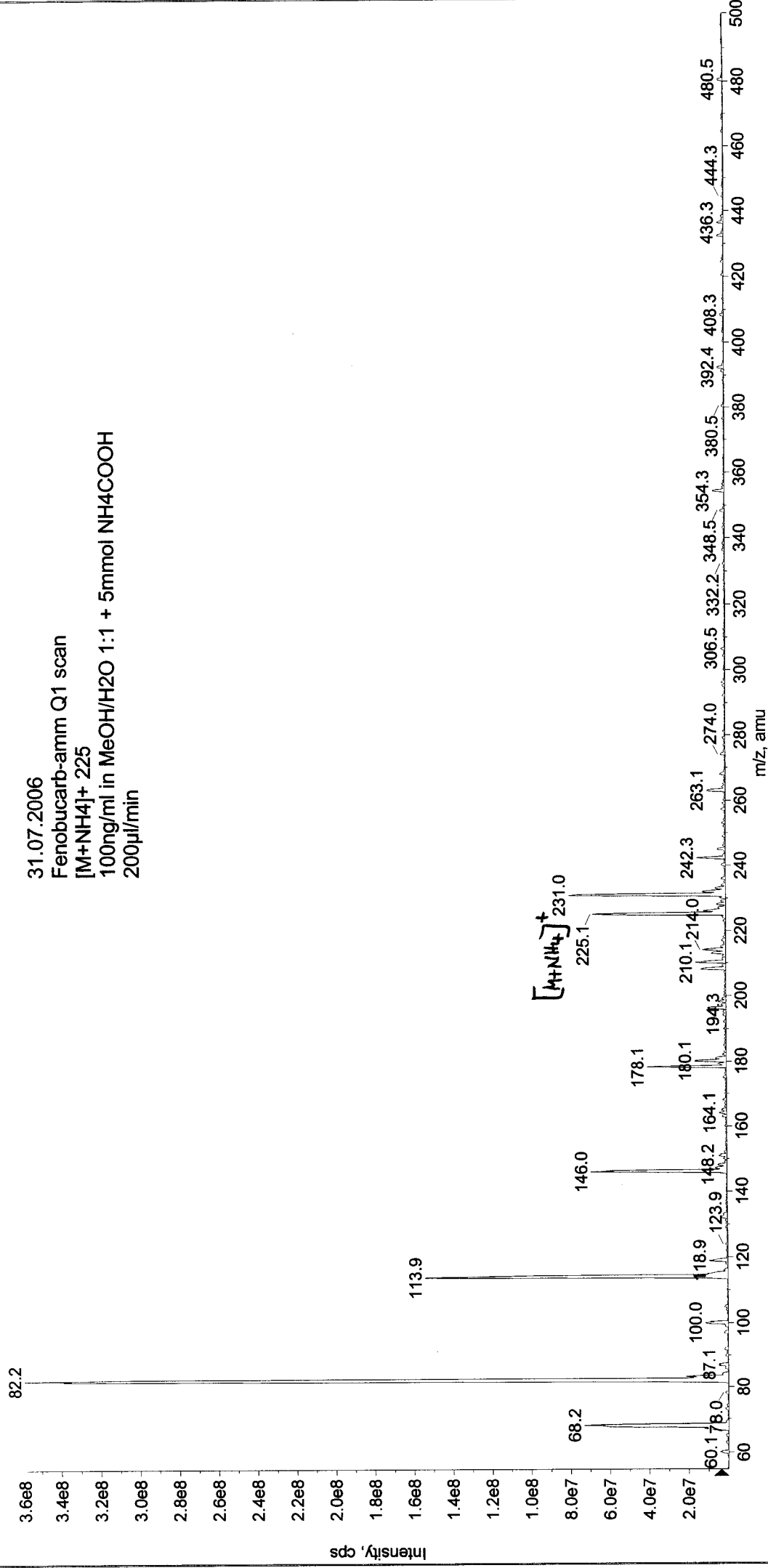
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060731140720.wiff (Turbo Spray)

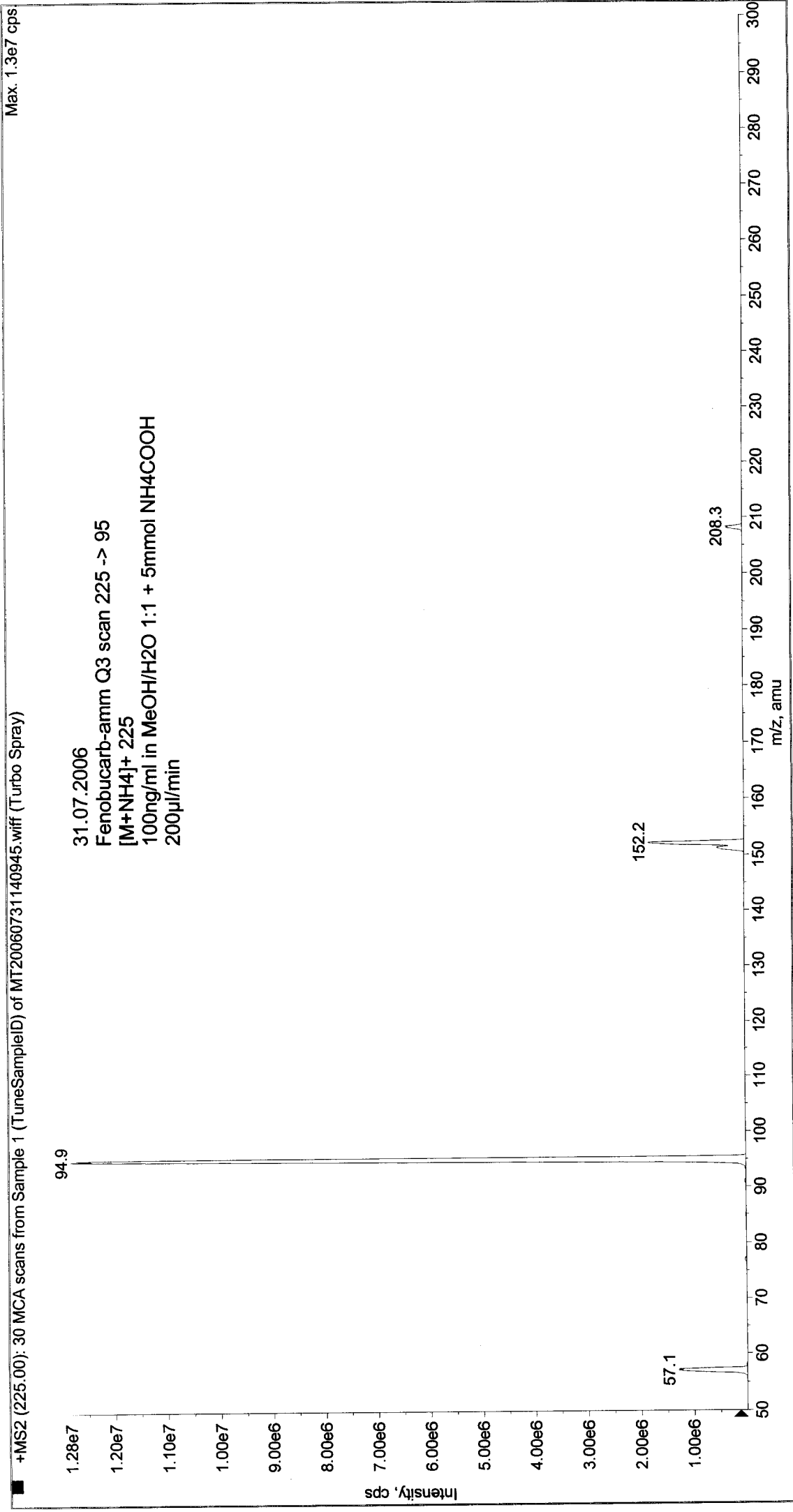
Max. 3.6e8 cps



Printing Time: 14:10:48
Printing Date: Monday, July 31, 2006

Acq. Time: 14:09
Acq. Date: Monday, July 31, 2006
Acq. File: MT20060731140945.wiff

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



Printing Time: 14:15:00
Printing Date: Monday, July 31, 2006

Acq. Time: 14:13
Acq. Date: Monday, July 31, 2006
Acq. File: MT20060731141321.wiff

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

