

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

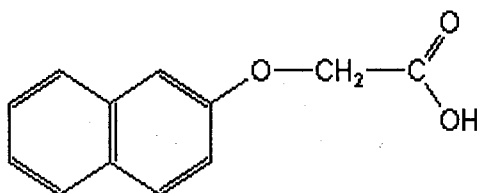
Analyte: Naphthoxyacetic acid

CAS No.: 120-23-0

Formula: C₁₂H₁₀O₃

Molecular mass (lowest isotopes): 202,06 amu

Structure:



Ionisation: ESI -

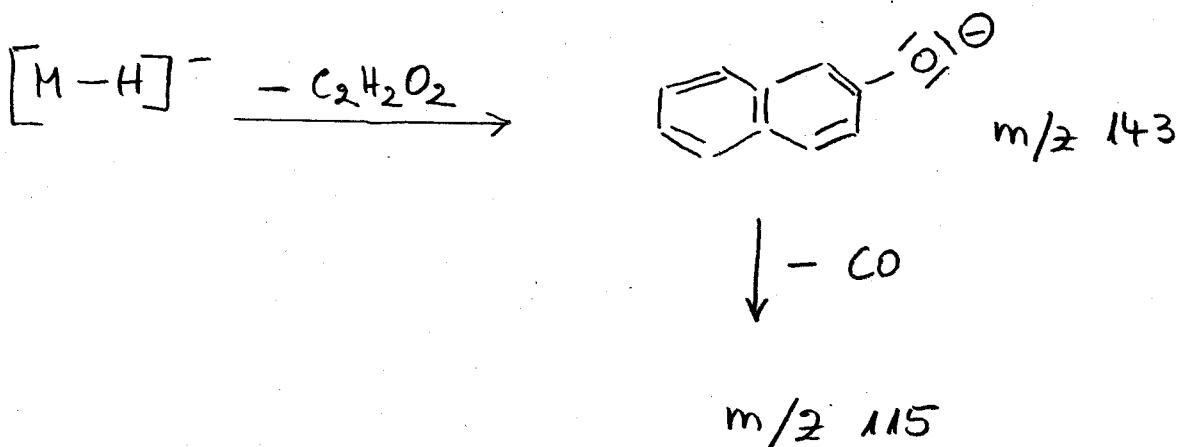
Quasimolecular ion: 201,1 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

Transition	201,1 → 143,0	201,1 → 114,9
Declustering potential (DP) ^{*)}	74V	74 V
Focusing potential (FP)	-330 V	-330 V
Entrance potential (EP)	-10,0 V	-10,0 V
Collision cell entrance potential (CEP)	-14 V	-16 V
Collision energy (CE)	-18 V	-50 V
Collision cell exit potential (CXP)	-10 V	-10 V

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

Fragmentation



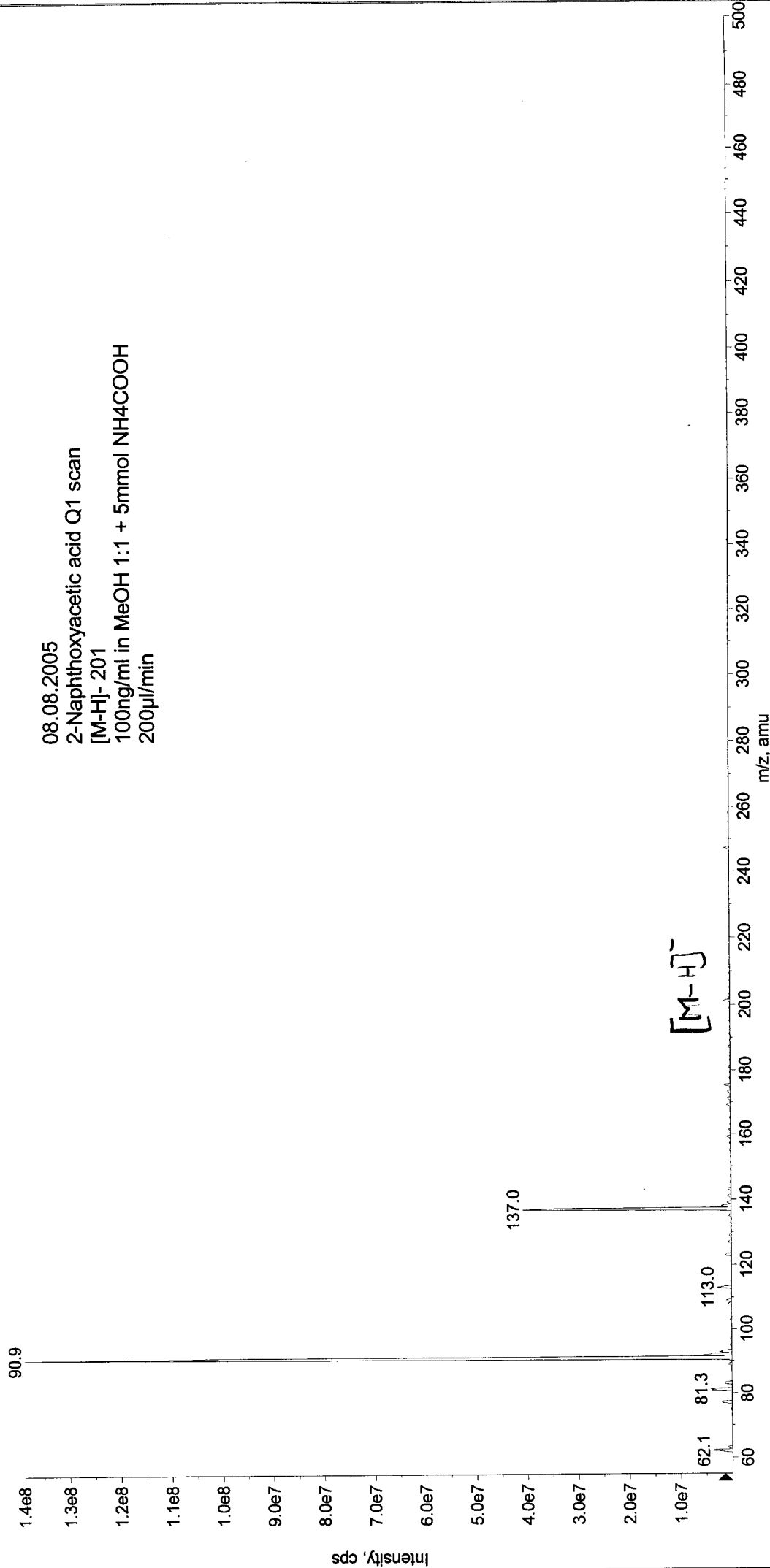
Printing Time: 9:03:27
Printing Date: Monday, August 08, 2005

Acq. Time: 09:02
Acq. Date: Monday, August 08, 2005
Acq. File: MT20050808090225.wiff

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

■ -Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050808090225.wiff (Turbo Spray)

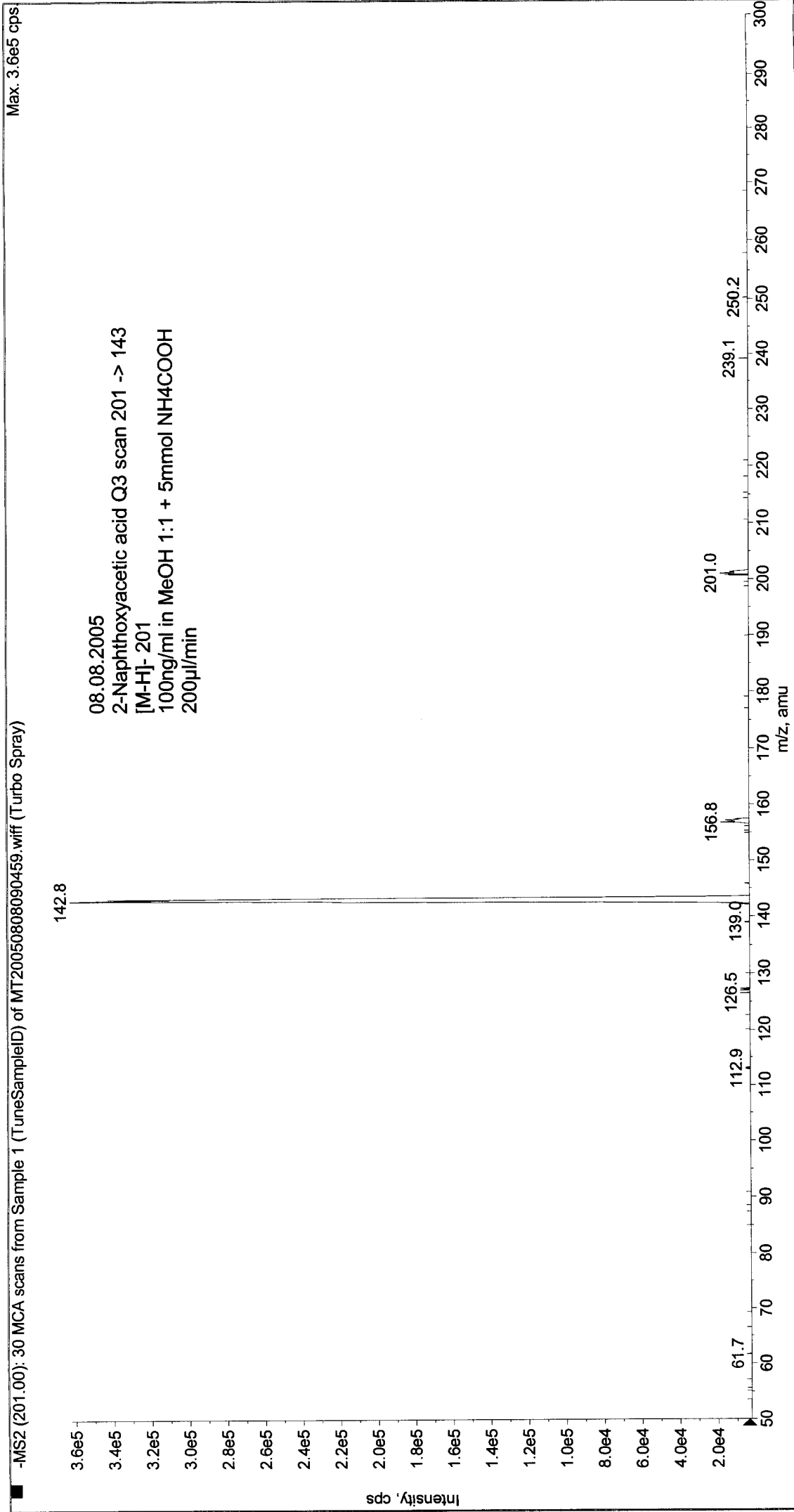
Max. 1.4e8 cps



Printing Time: 9:06:05
Printing Date: Monday, August 08, 2005

Acq. Time: 09:04
Acq. Date: Monday, August 08, 2005
Acq. File: MT20050808090459.wiff

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



Printing Time: 8:59:18
Printing Date: Monday, August 08, 2005

Acq. Time: 08:58
Acq. Date: Monday, August 08, 2005
Acq. File: MT20050808085816.wiff

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

