

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

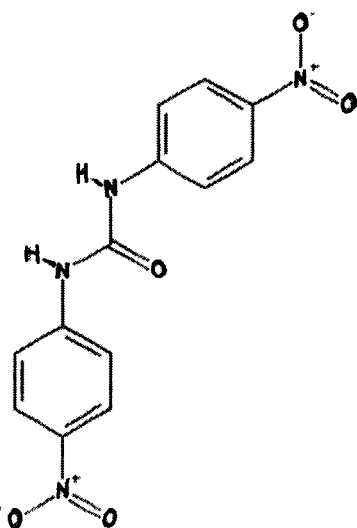
Analyte: Nicarbazin (1,3- N,N'-bis(4-nitrophenyl)urea)

CAS No.: 330-95-0

Formula: C₁₃H₁₀N₄O₅

Molecular mass (lowest isotopes): 302,07 amu

Structure:



Ionisation: ESI -

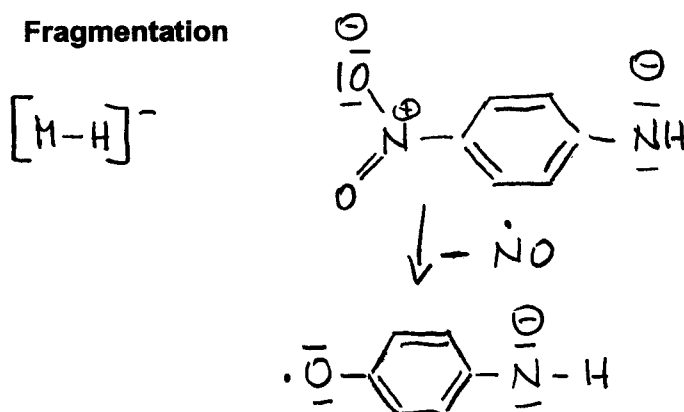
Quasimolecular ion: 301,07 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

Transition	301,1 → 137,1	301,1 → 106,8
Declustering potential (DP) ^{*)}	-49 V	-49 V
Focusing potential (FP)	-330 V	-340 V
Entrance potential (EP)	-10 V	-10 V
Collision cell entrance potential (CEP)	-30 V	-28 V
Collision energy (CE)	-14 V	-44 V
Collision cell exit potential (CXP)	-10 V	- 8 V

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

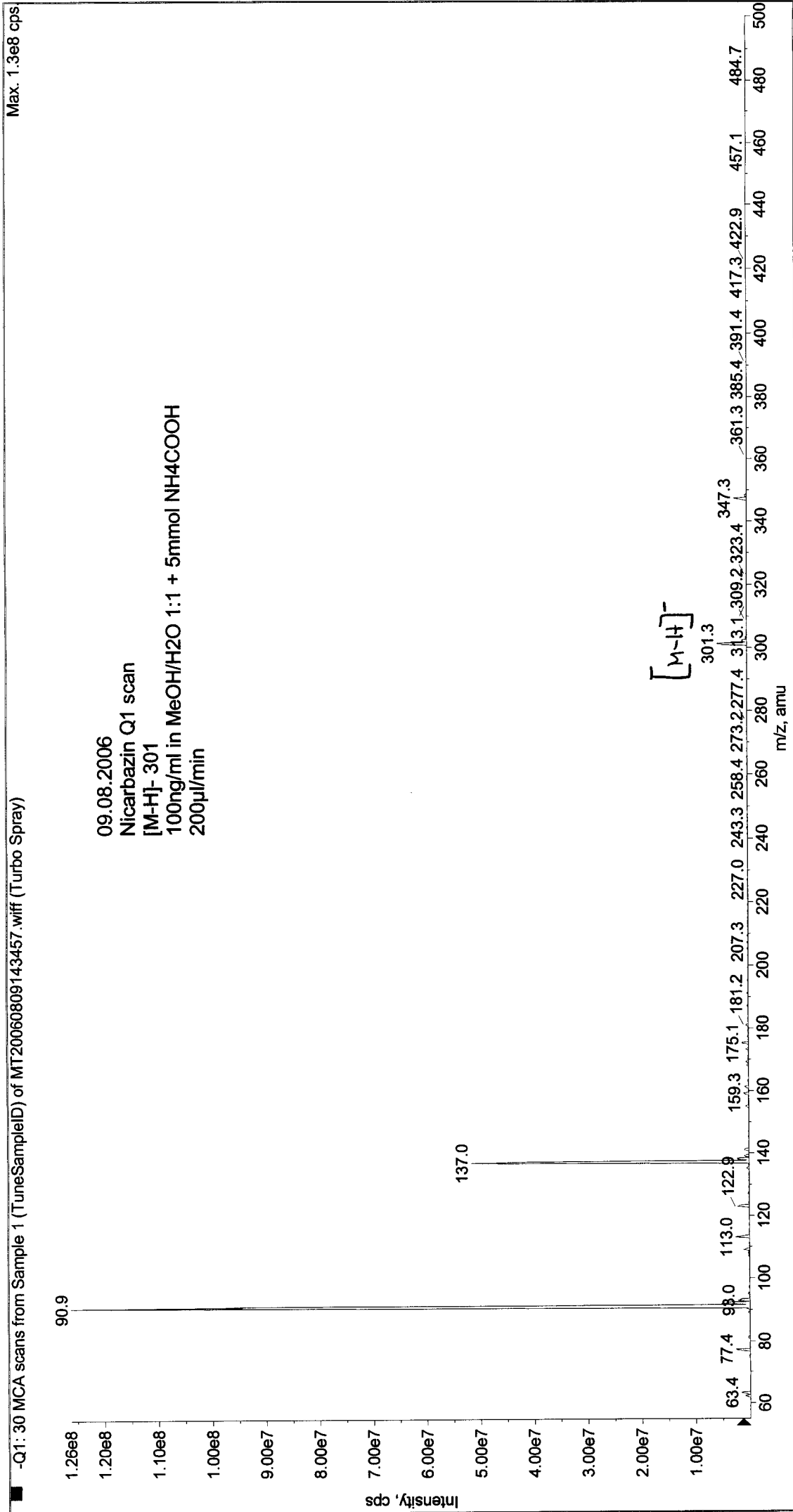
Fragmentation

 m/z 137 m/z 107

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Printing Date: Wednesday, August 09, 2006

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Acq. Date: Wednesday, August 09, 2006
Acq. File: MT20060809143457.wiff

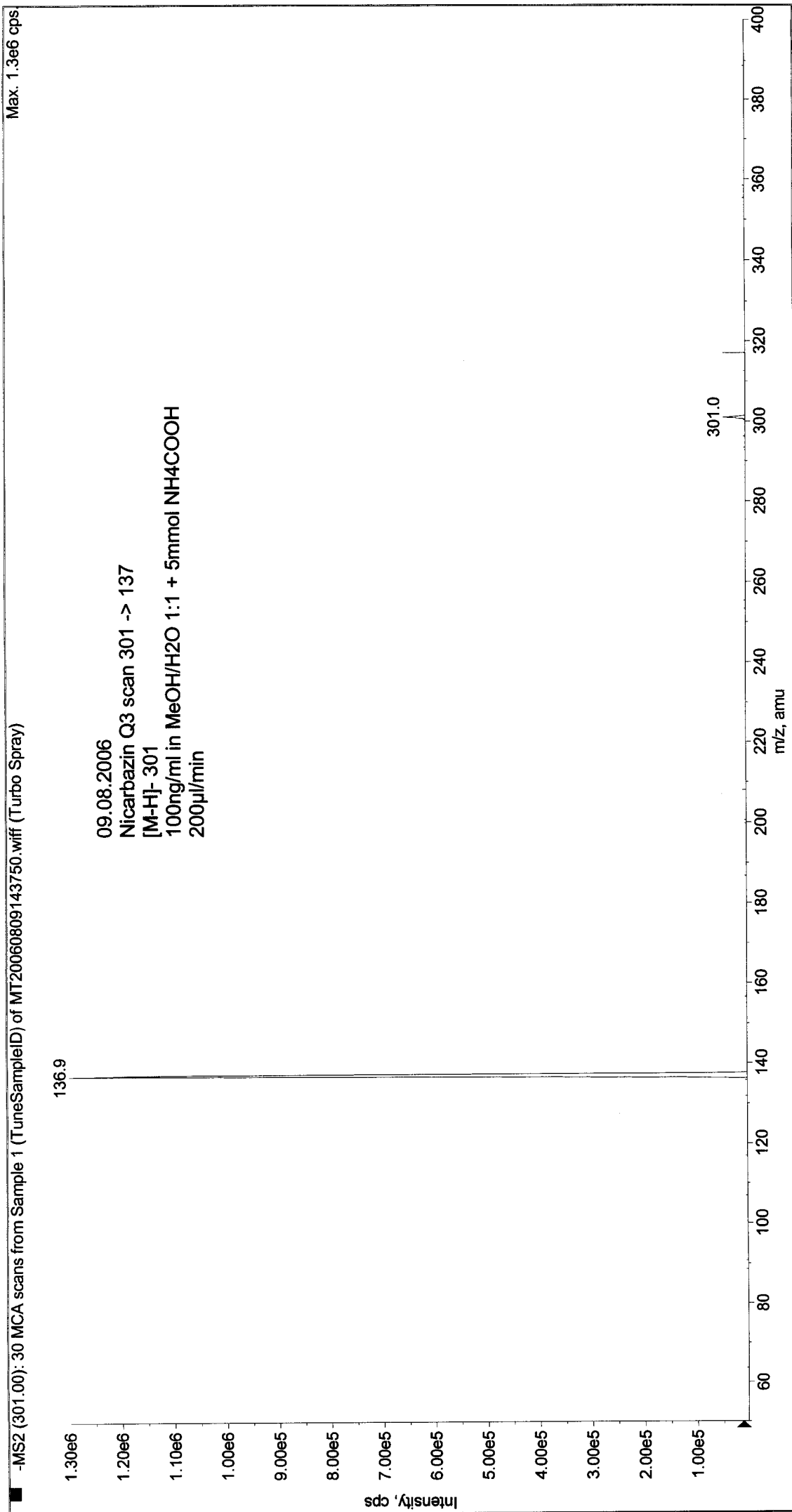
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