

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

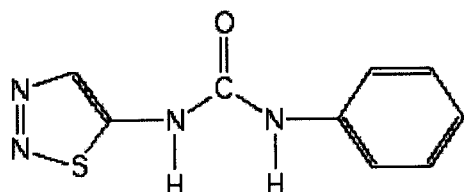
Analyte: Thidiazuron

CAS No.: 51707-55-2

Formula: C₉H₈N₄OS

Molecular mass (lowest isotopes): 220,04 amu

Structure:



Ionisation: ESI +

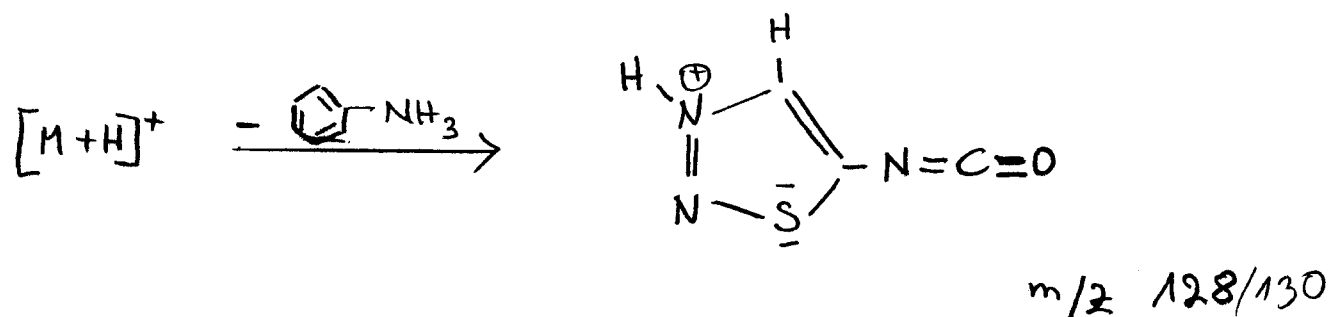
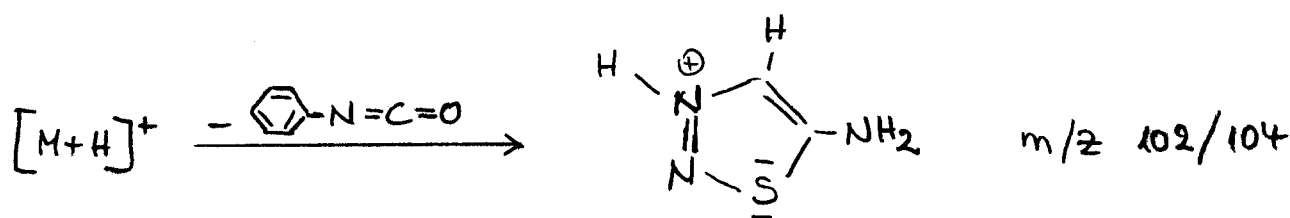
Quasimolecular ion: 221,0 amu = [M+H]⁺

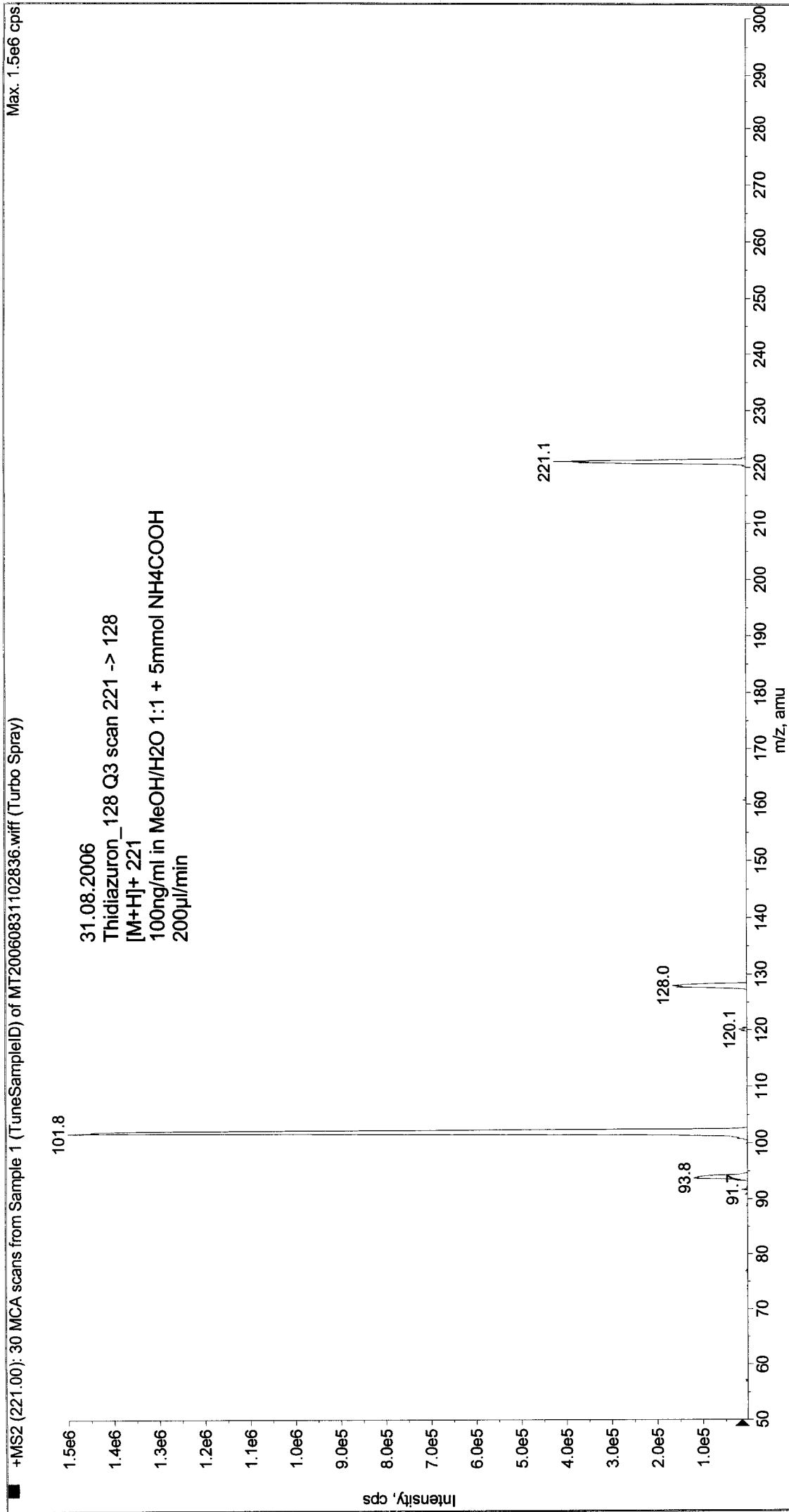
Analyte sensitive parameter set (API 2000)

Transition	221,0 → 102,0	221,0 → 128,0
Declustering potential (DP) ^{*)}	61 V	61 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	21 V	21 V
Collision cell exit potential (CXP)	6 V	8 V

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

Fragmentation

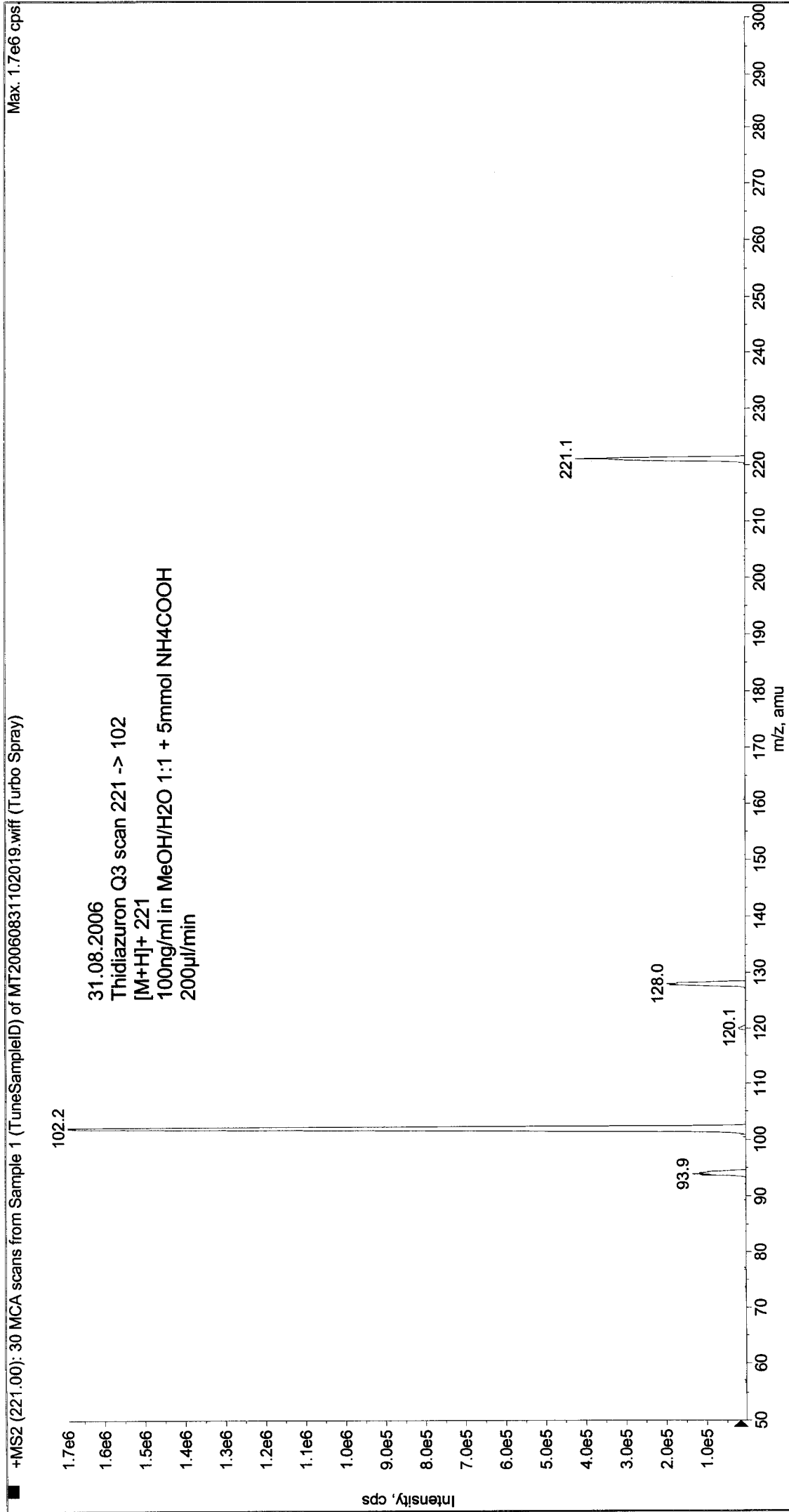




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Printing Date: Thursday, August 31, 2006

Acq. Time: 10:20
Acq. Date: Thursday, August 31, 2006
Acq. File: MT20060831102019.wiff

Sample Comment:
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Batch Name: ManualTune.bat



Printing Time: 10:31:09

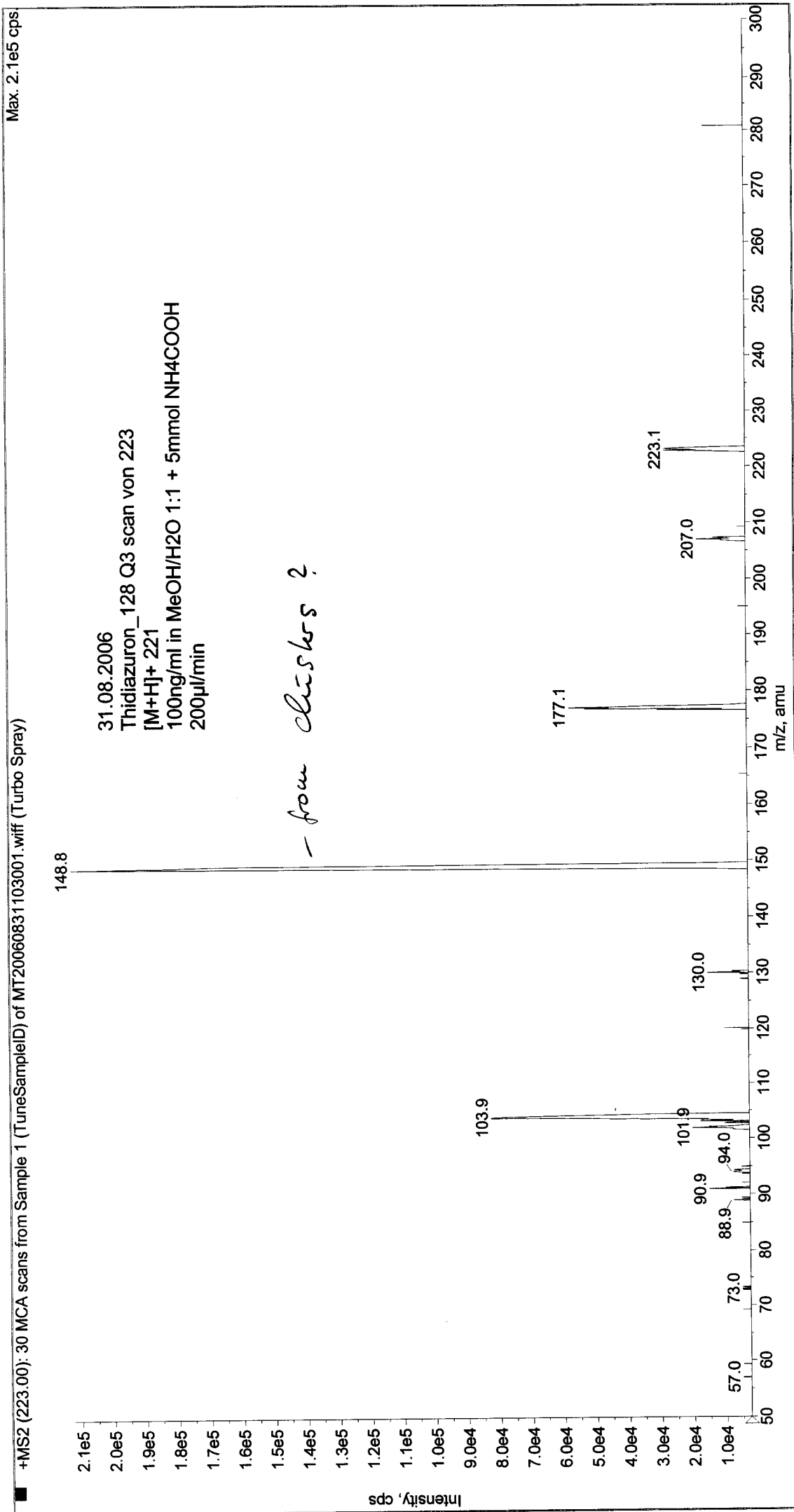
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Acq. Time: 10:30

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Sample Comment:
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Batch Name: ManualTune.bat



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Acq. Time: 10:22
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Sample Comment:
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