

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

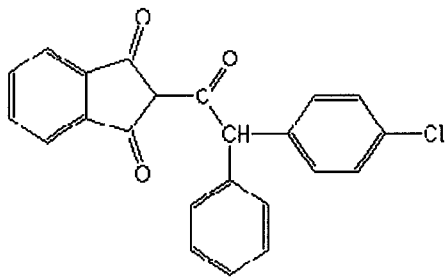
Analyte: Chlorophacinone

CAS No.: 3691-35-8

Formula: C₂₃H₁₅ClO₃

Molecular mass (lowest isotopes): 374,07 amu

Structure:



Ionisation: ESI +

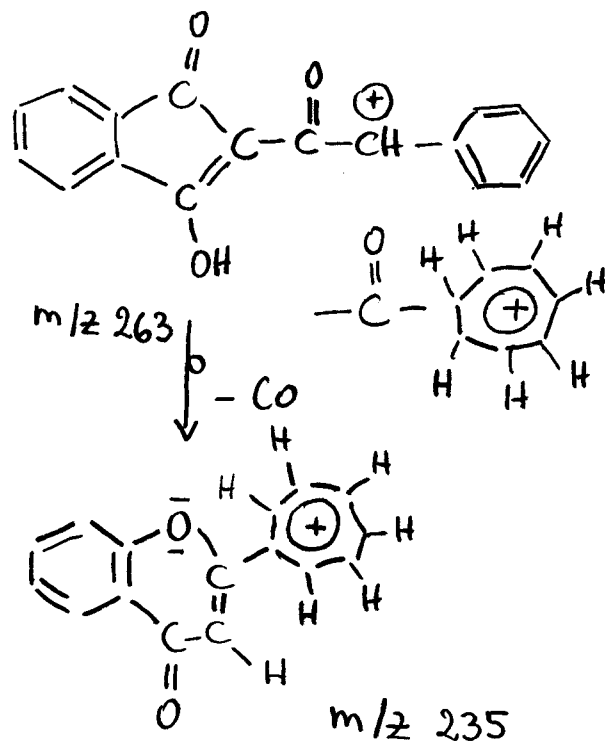
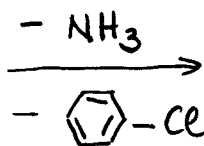
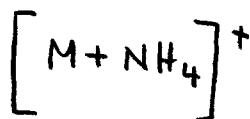
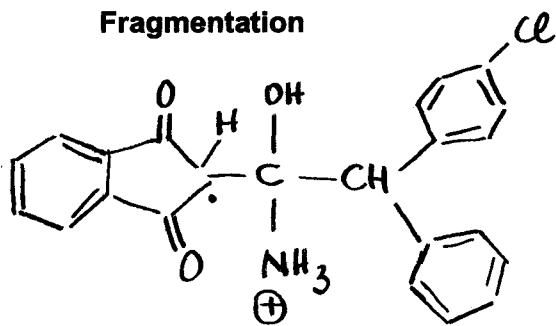
Quasimolecular ion: 392,1 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	392,1 → 235,2	392,1 → 263,1
Declustering potential (DP) ^{*)}	6 V	6 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	11,5 V	11,5 V
Collision cell entrance potential (CEP)	26 V	28 V
Collision energy (CE)	29 V	23 V
Collision cell exit potential (CXP)	12 V	14 V

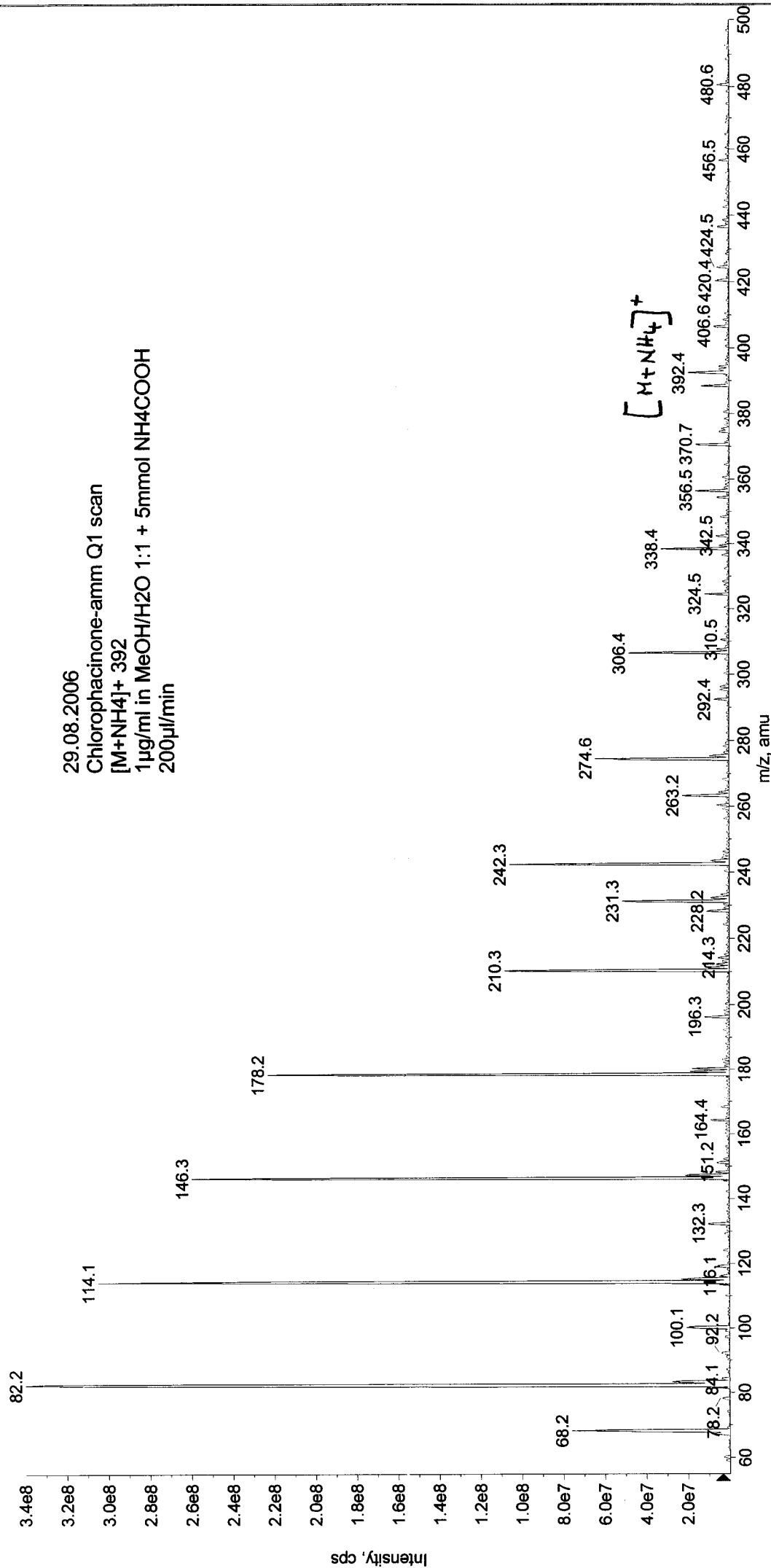
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060829105313.wiff (Turbo Spray)

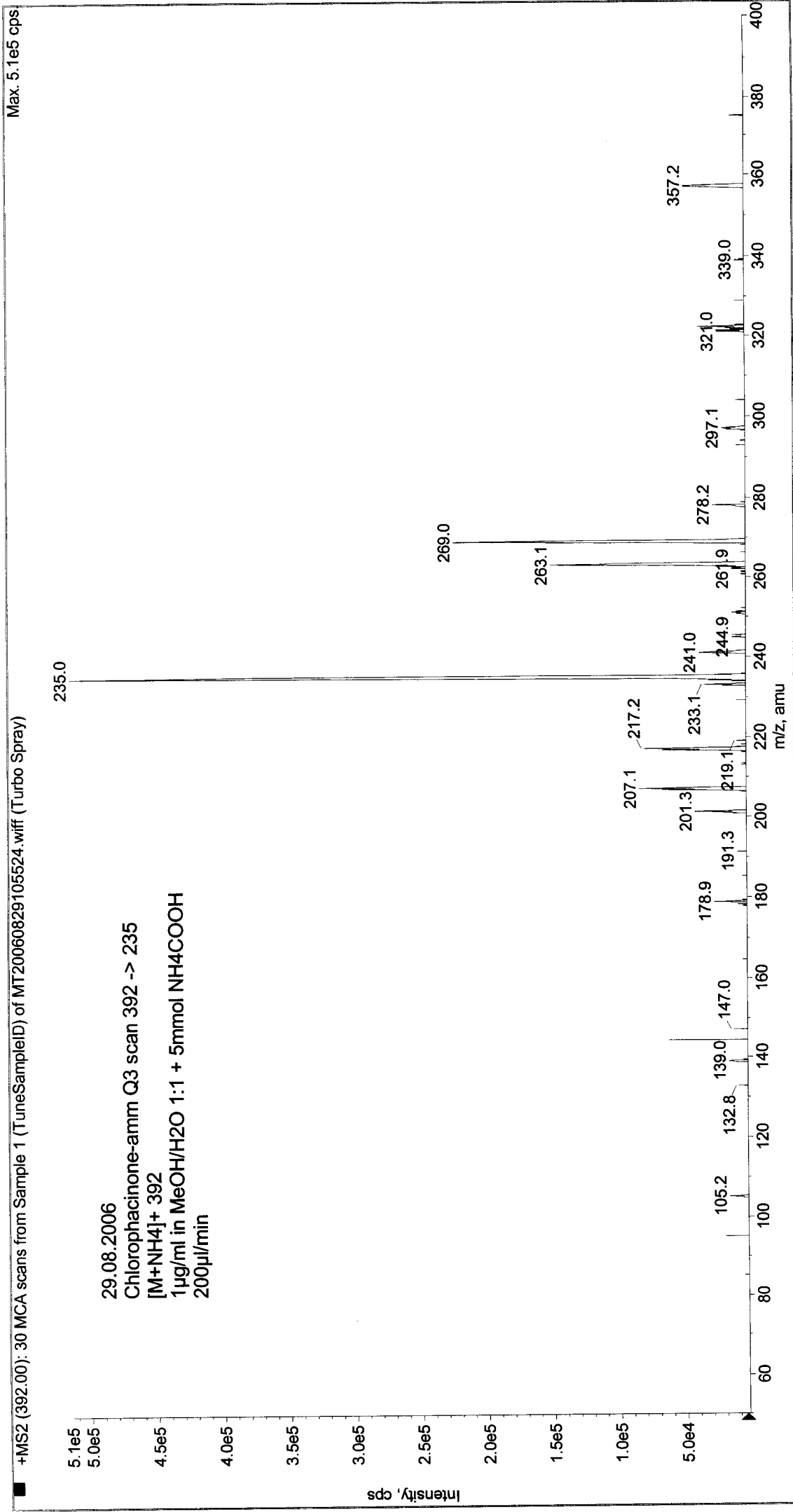
Max. 3.4e8 cps.



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Printing Date: Tuesday, August 29, 2006

Acq. Time: 10:55
Acq. Date: Tuesday, August 29, 2006
Acq. File: MT20060829105524.wiff

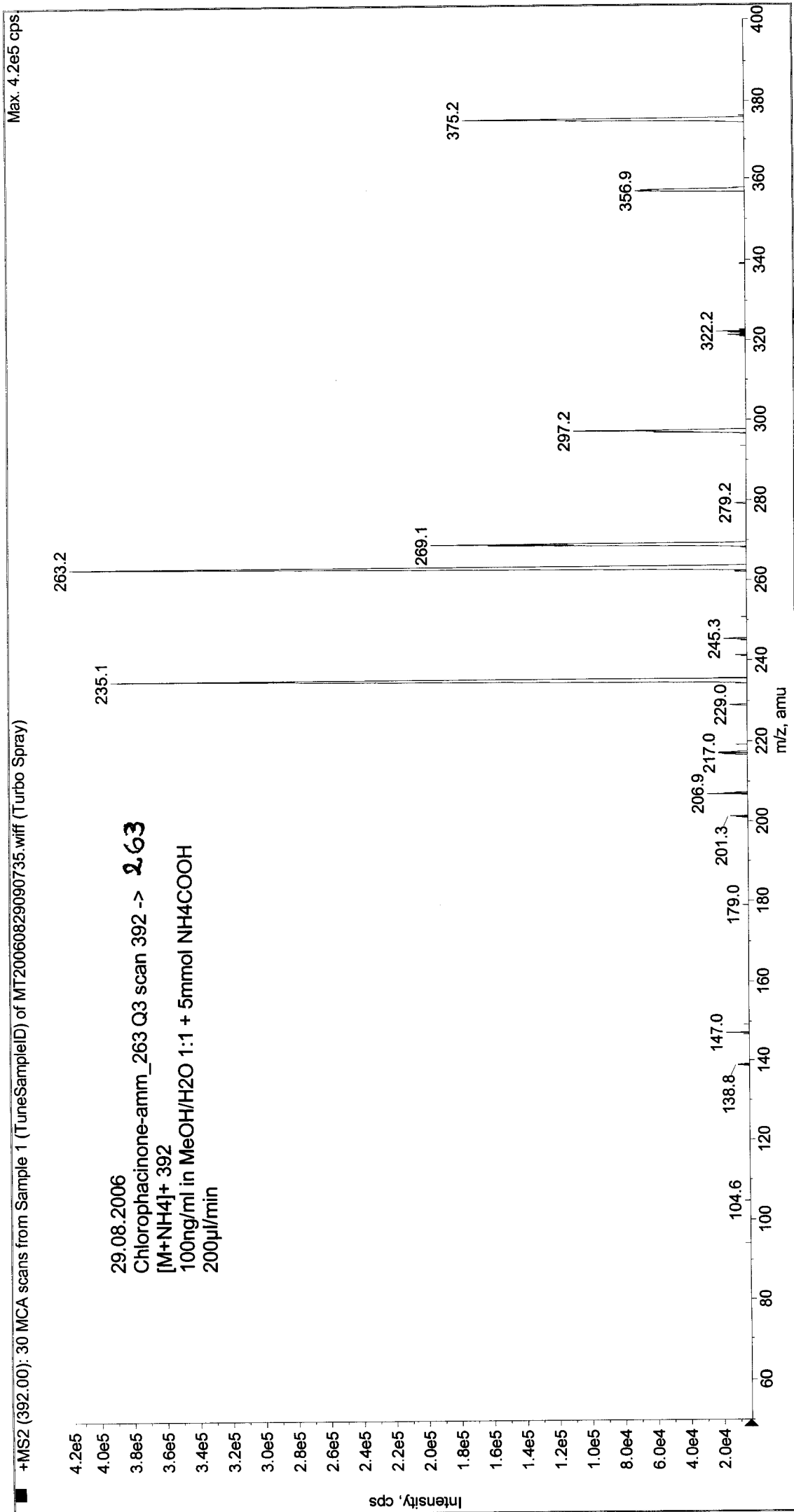
Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat



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Printing Date: Tuesday, August 29, 2006

Acq. Time: 09:07
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Acq. File: MT20060829090735.wiff

Sample Comment:
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Batch Name: ManualTune.bat



Printing Time: 9:10:53

Printing Date: Tuesday, August 29, 2006

Acq. Time: 09:09

Acq. Date: Tuesday, August 29, 2006

Acq. File: MT20060829090957.wiff

Sample Comment:
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Batch Name: ManualTune.bat

