

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

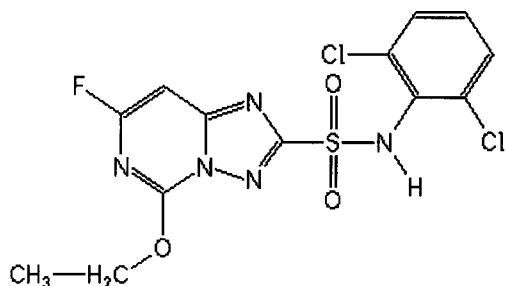
Analyte: Diclosulam

CAS No.: 145701-21-9

Formula: C₁₃H₁₀Cl₂FN₅O₃S

Molecular mass (lowest isotopes): 404,99 amu

Structure:



Ionisation: ESI +

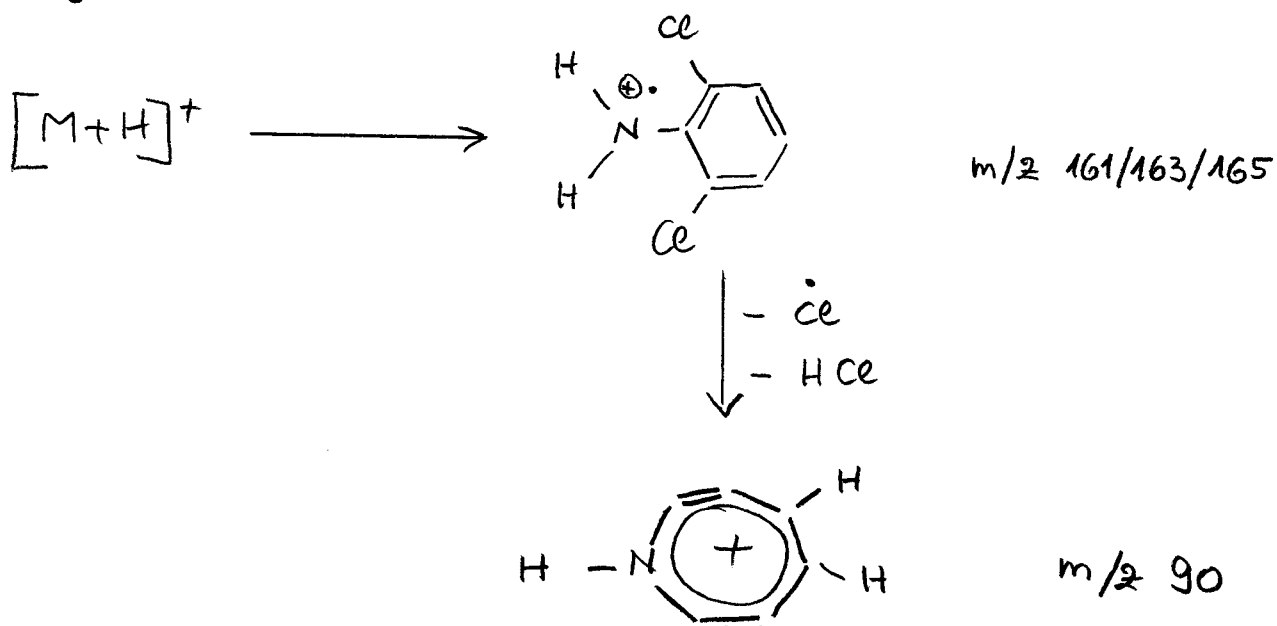
Quasimolecular ion: 406,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	406,0 → 161,1	406,0 → 90,1
Declustering potential (DP) ^{*)}	71 V	71 V
Focusing potential (FP)	240 V	310 V
Entrance potential (EP)	10,5 V	9,5 V
Collision cell entrance potential (CEP)	22 V	20 V
Collision energy (CE)	37 V	101 V
Collision cell exit potential (CXP)	8 V	4 V

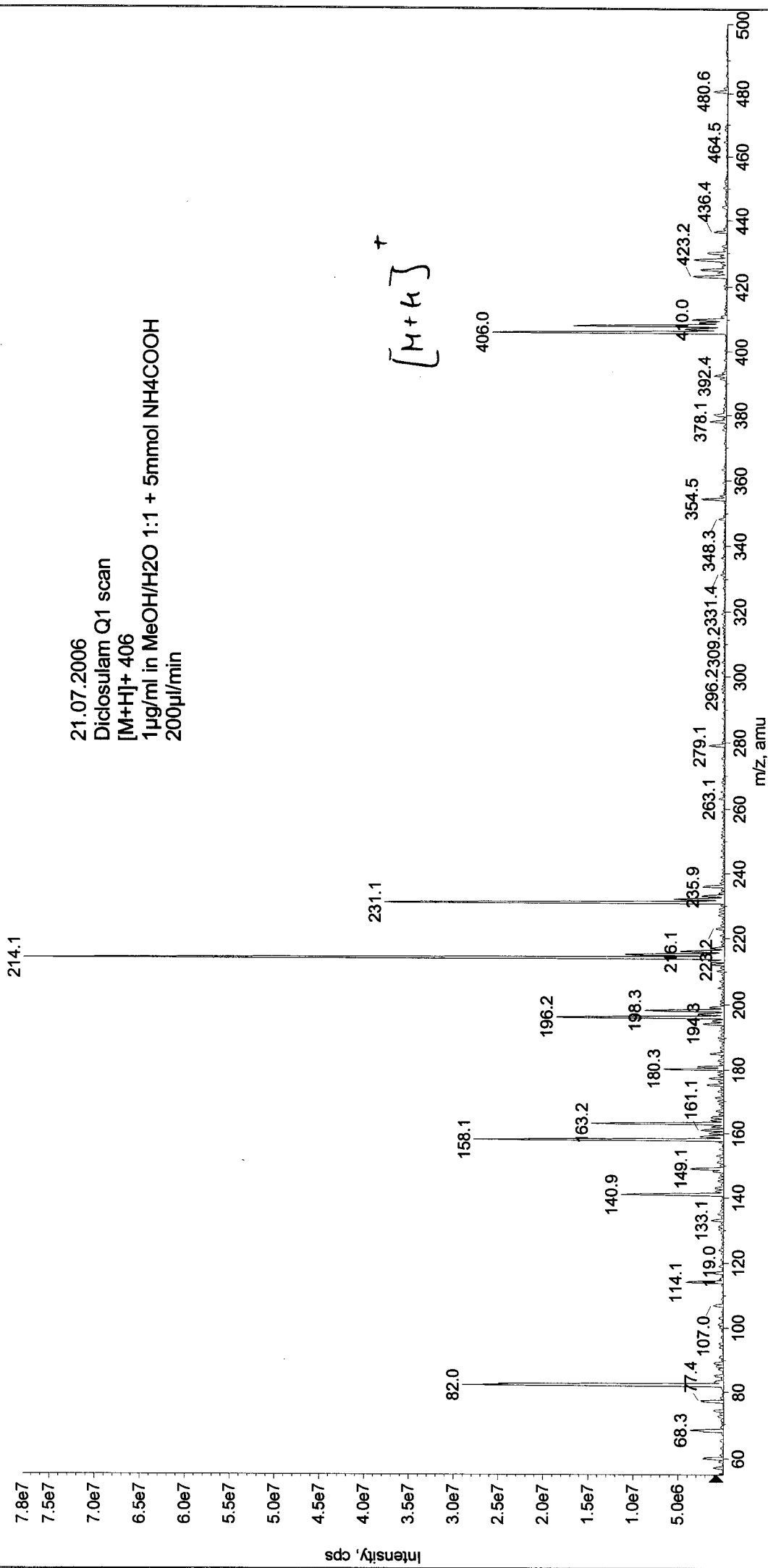
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



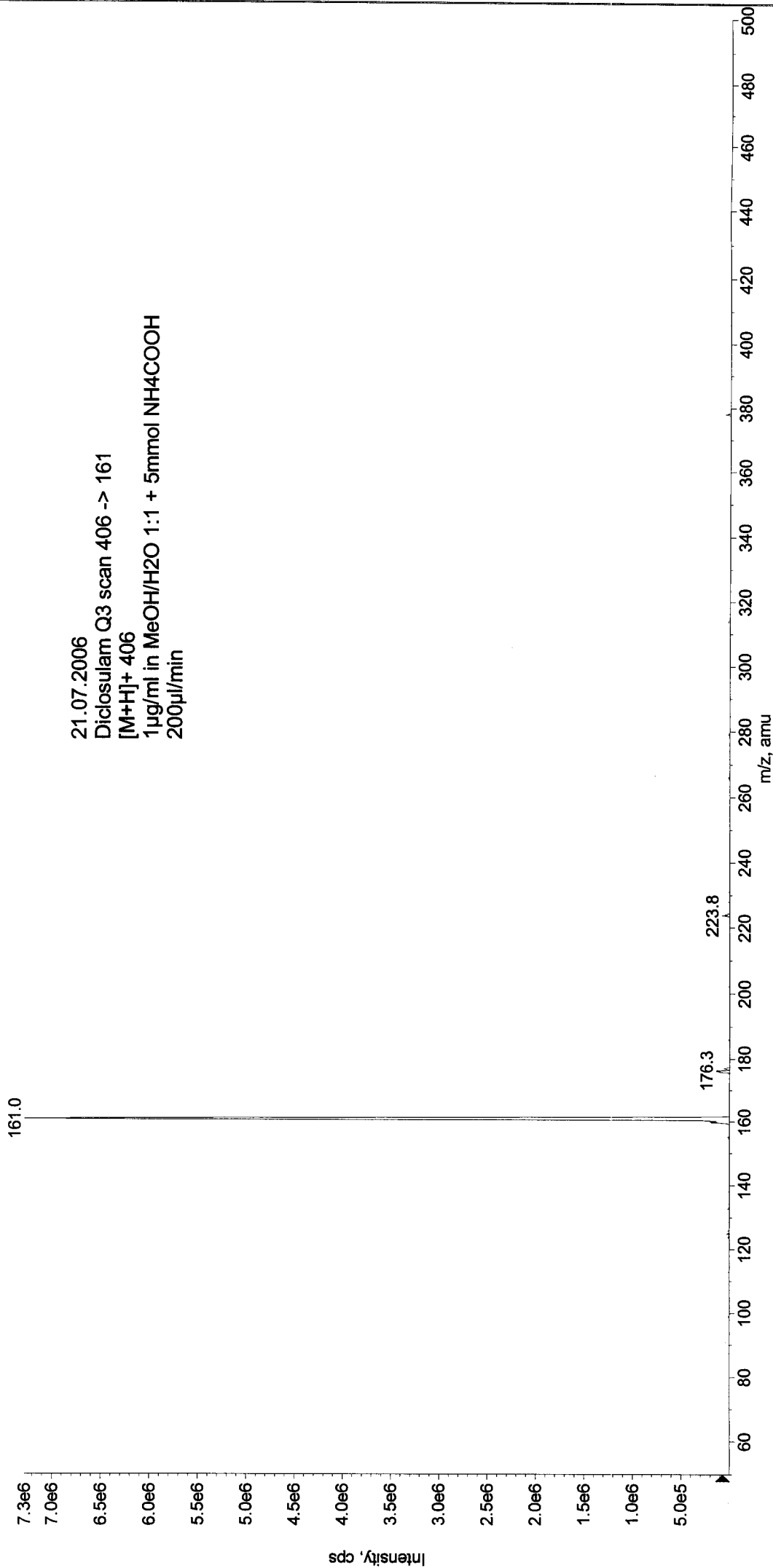
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060721101954.wiff (Turbo Spray)

Max. 7.8e7 cps



+MS2 (406.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20060721102244.wiff (Turbo Spray)

Max. 7.3e6 cps



Printing Time: 10:25:26

Printing Date: Friday, July 21, 2006

Acq. Time: 10:24

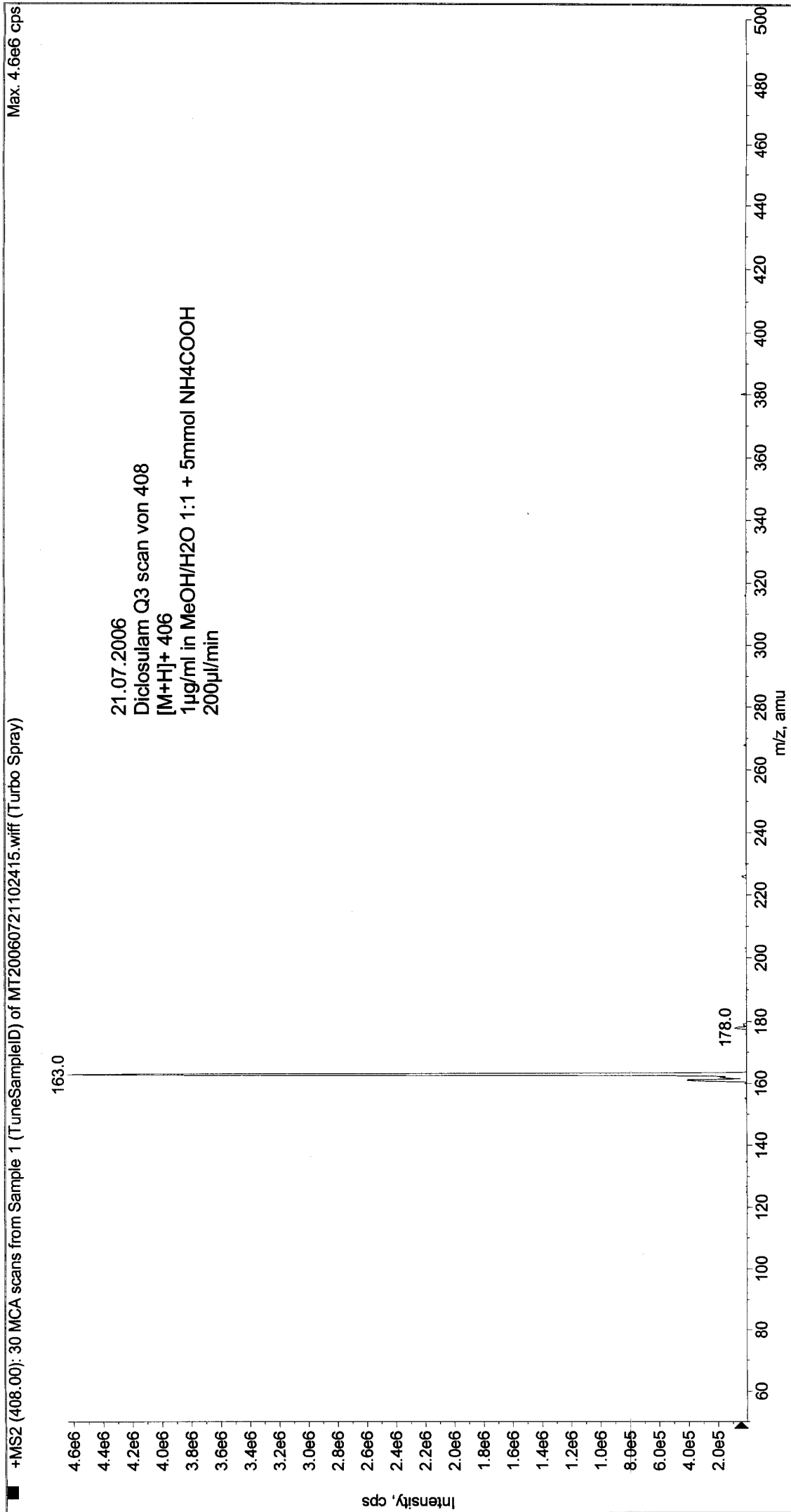
Acq. Date: Friday, July 21, 2006

Acq. File: MT20060721102415.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat



Printing Time: 10:27:09

Printing Date: Friday, July 21, 2006

Acq Time: 10:26

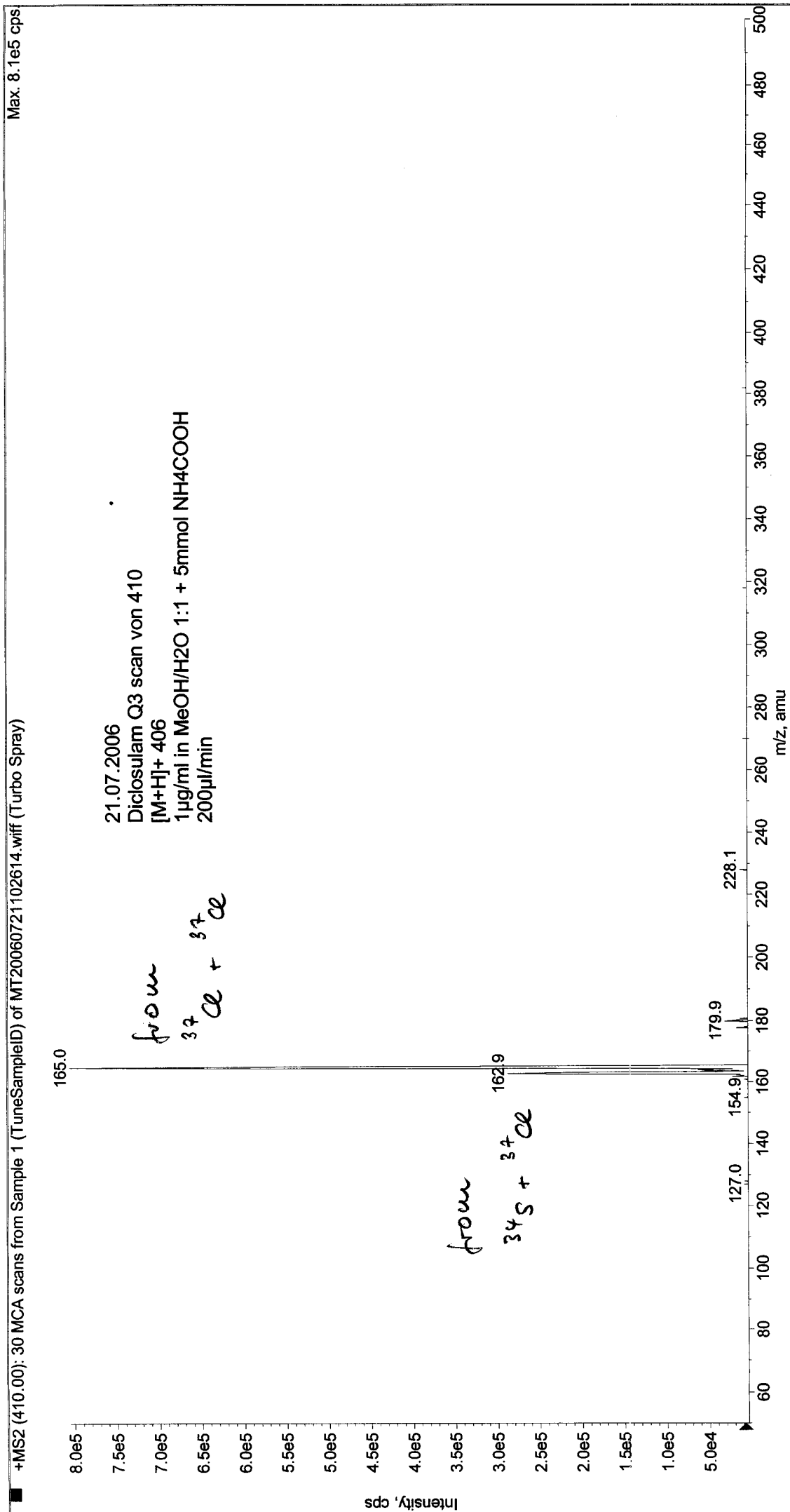
Acq. Date: Friday, July 21, 2006

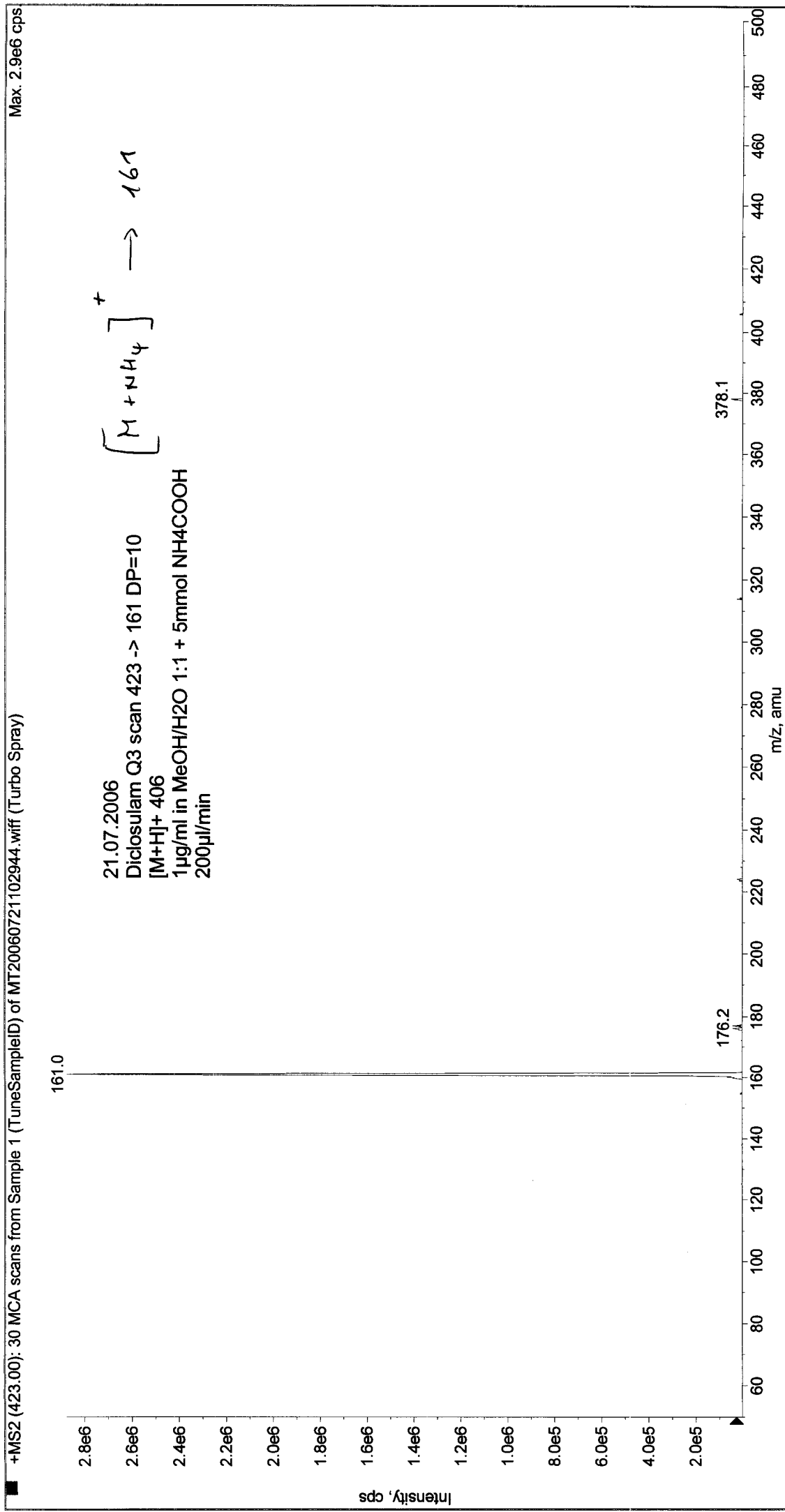
Acq. File: MT20060721102614.wiff

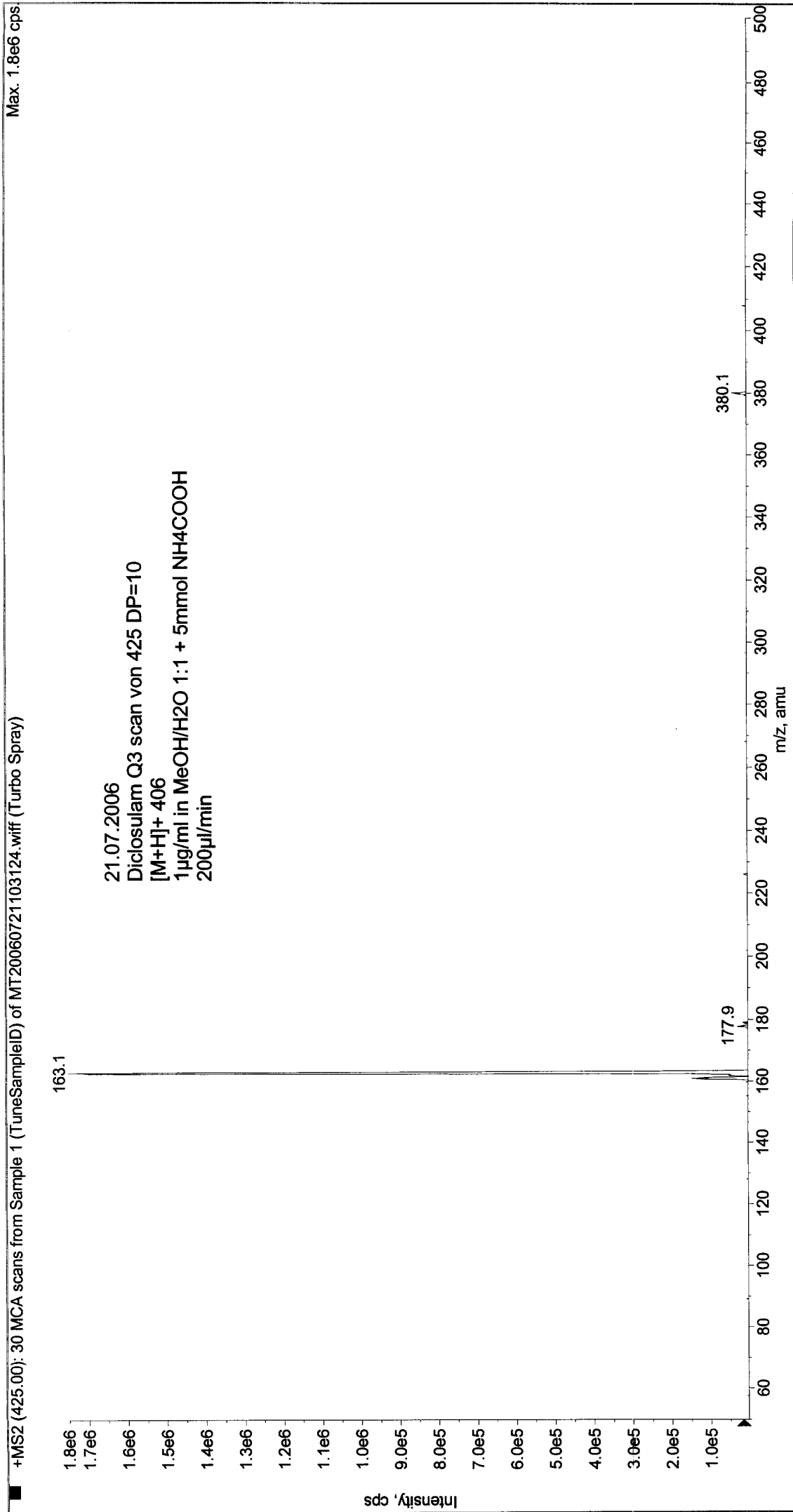
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Sample Name: TuneSampleID

Batch Name: ManualTune.bat



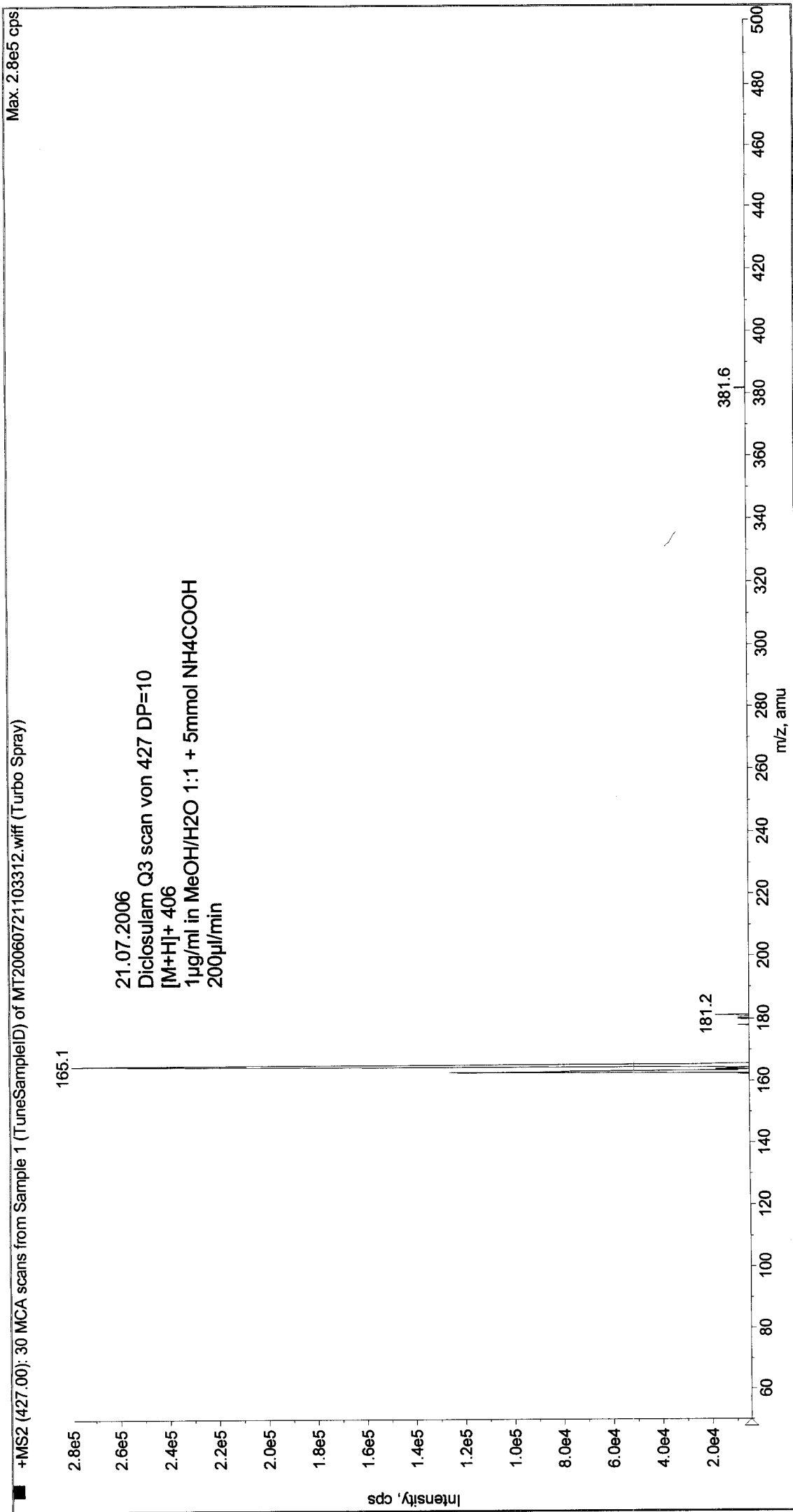




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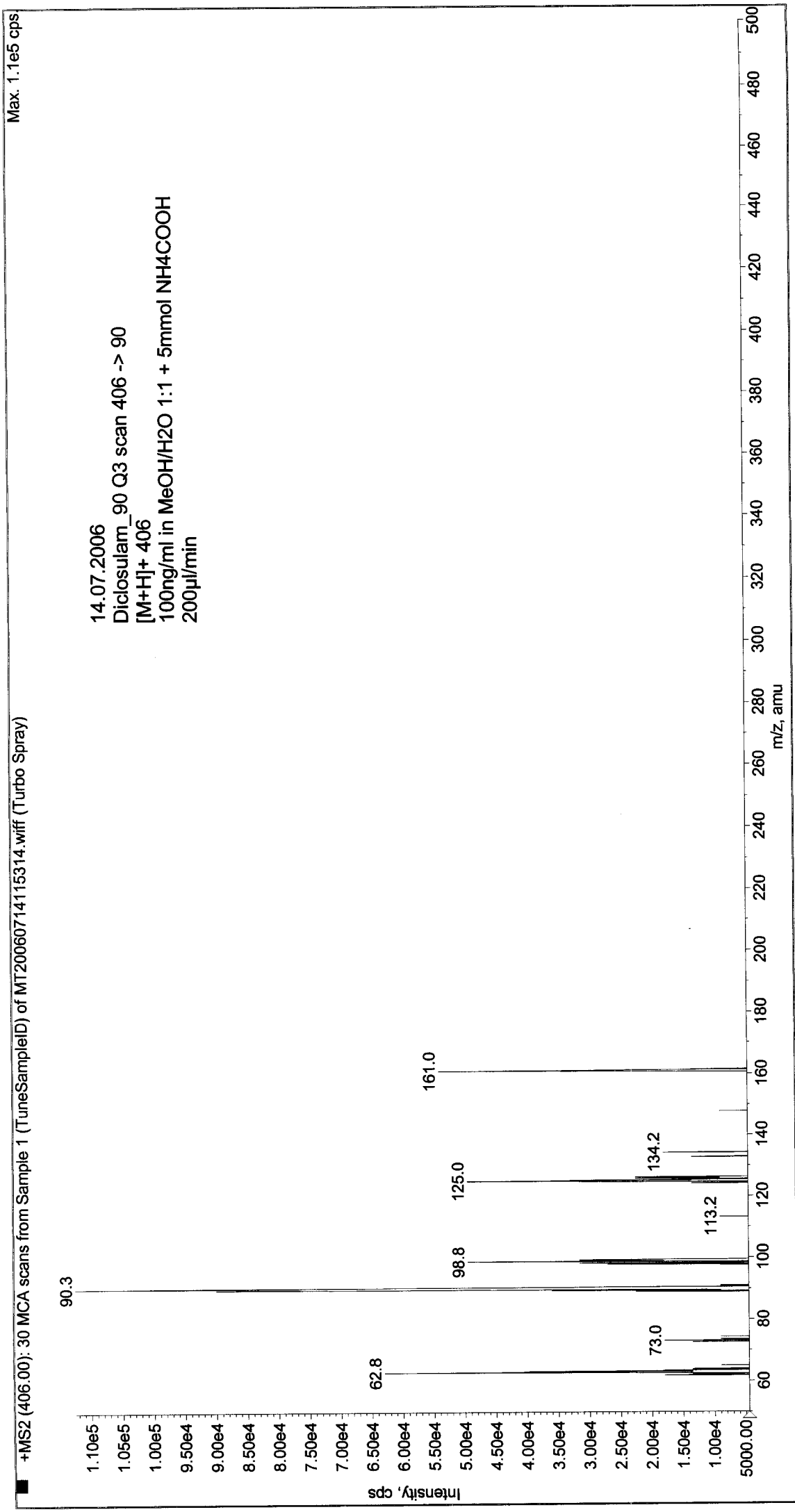
Sample Comment:
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Batch Name: ManualTune.bat



Printing Time: 11:54:14
Printing Date: Friday, July 14, 2006

Acq. Time: 11:53
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Acq. File: MT20060714115314.wiff

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



Printing Time: 11:55:23
Printing Date: Friday, July 14, 2006

Acq. Time: 11:54
Acq. Date: Friday, July 14, 2006
Acq. File: MT20060714115428.wiff

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

