

MS/MS Parameters of Pesticides

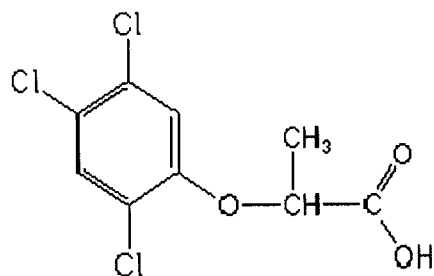
Analyte: Fenoprop

CAS No.: 93-72-1

Formula: C₉H₇Cl₃O₃

Molecular mass (lowest isotopes): 267,94 amu

Structure:



Ionisation: ESI -

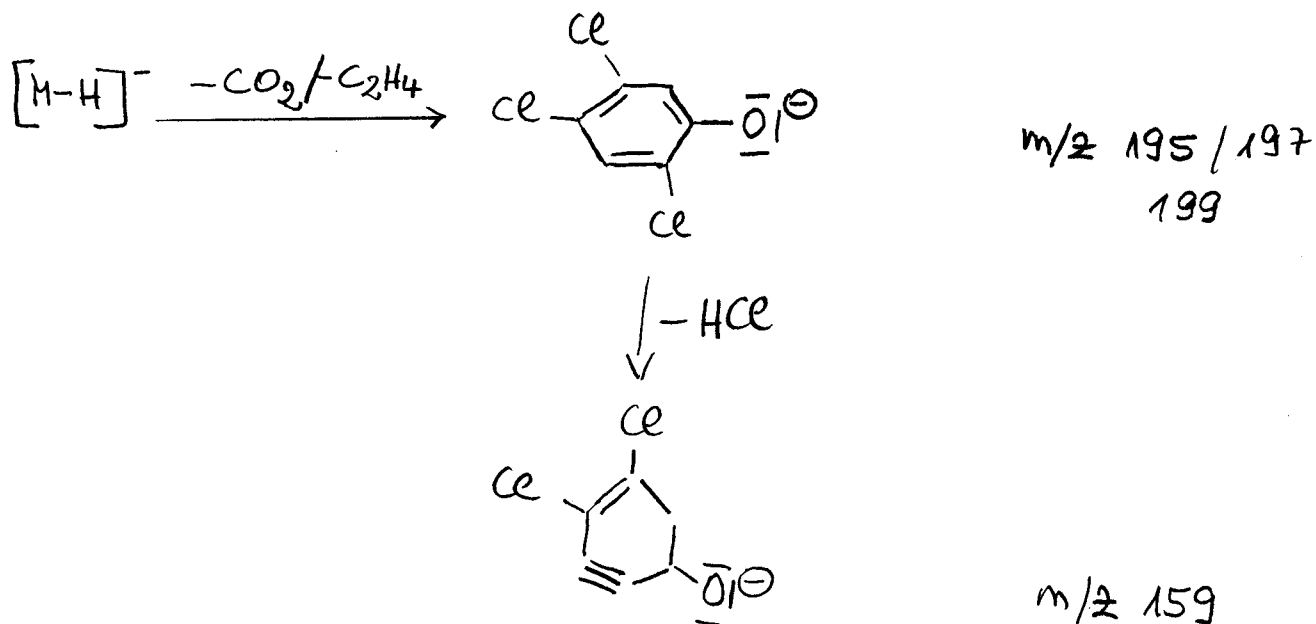
Quasimolecular ion: 266,95 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

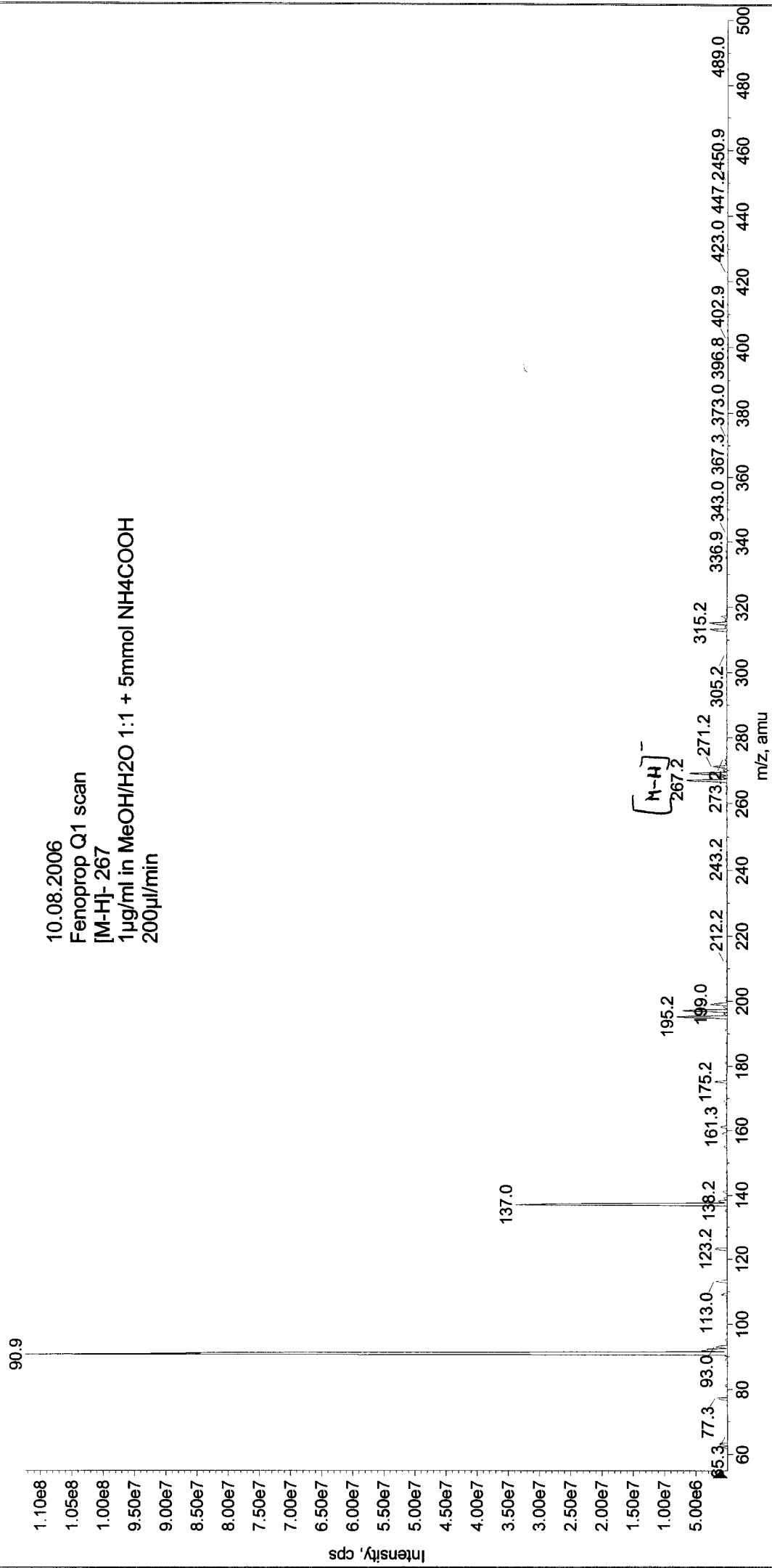
Transition	267,0 → 195,0	267,0 → 159,0
Declustering potential (DP) ^{*)}	-61 V	-61 V
Focusing potential (FP)	-330 V	-330 V
Entrance potential (EP)	-11 V	-10 V
Collision cell entrance potential (CEP)	-26 V	-26 V
Collision energy (CE)	-14 V	-38 V
Collision cell exit potential (CXP)	-12 V	-10 V

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

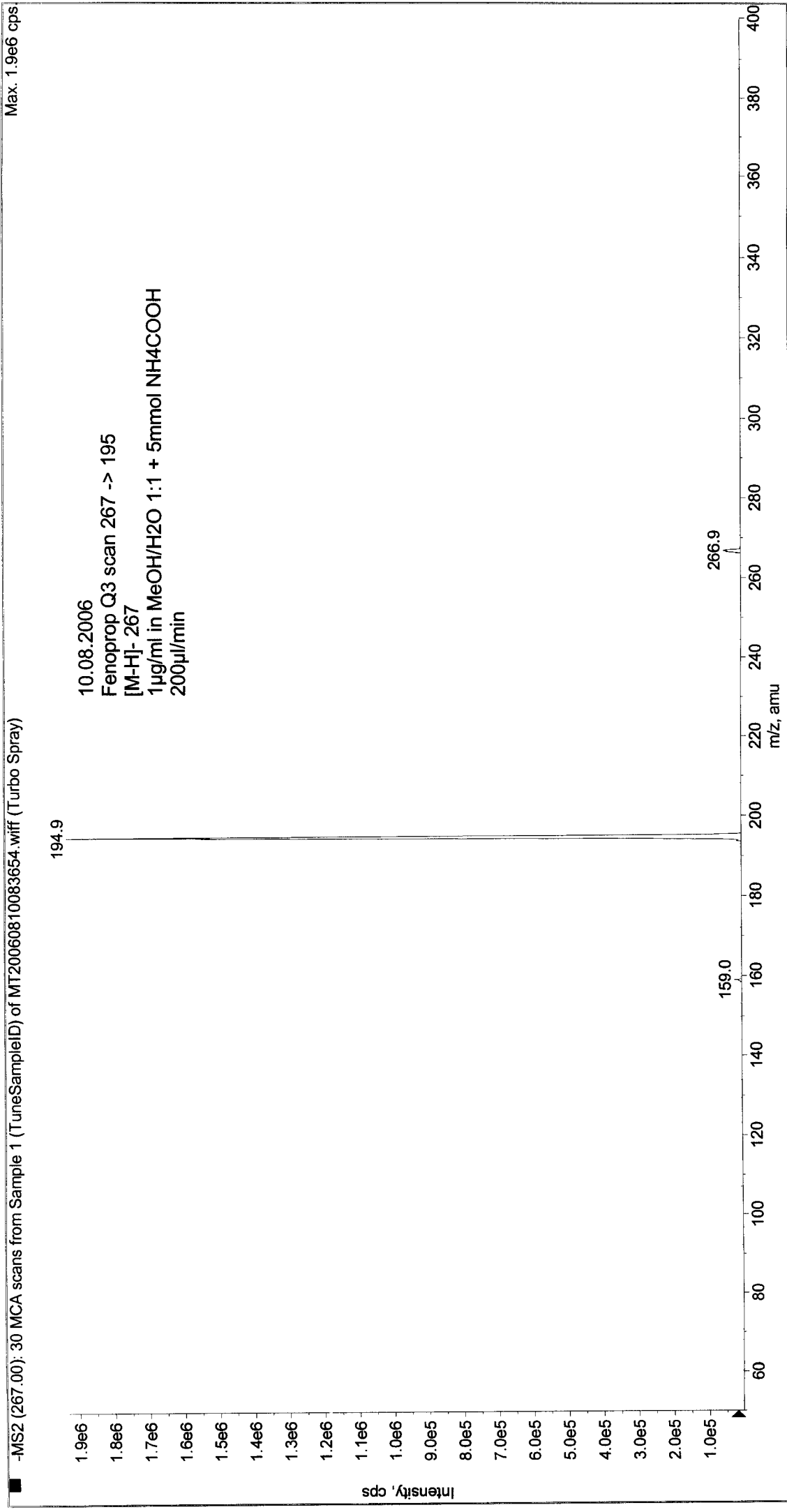
Fragmentation



■ -Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060810083344.wiff (Turbo Spray) Max. 1.1e8 cps



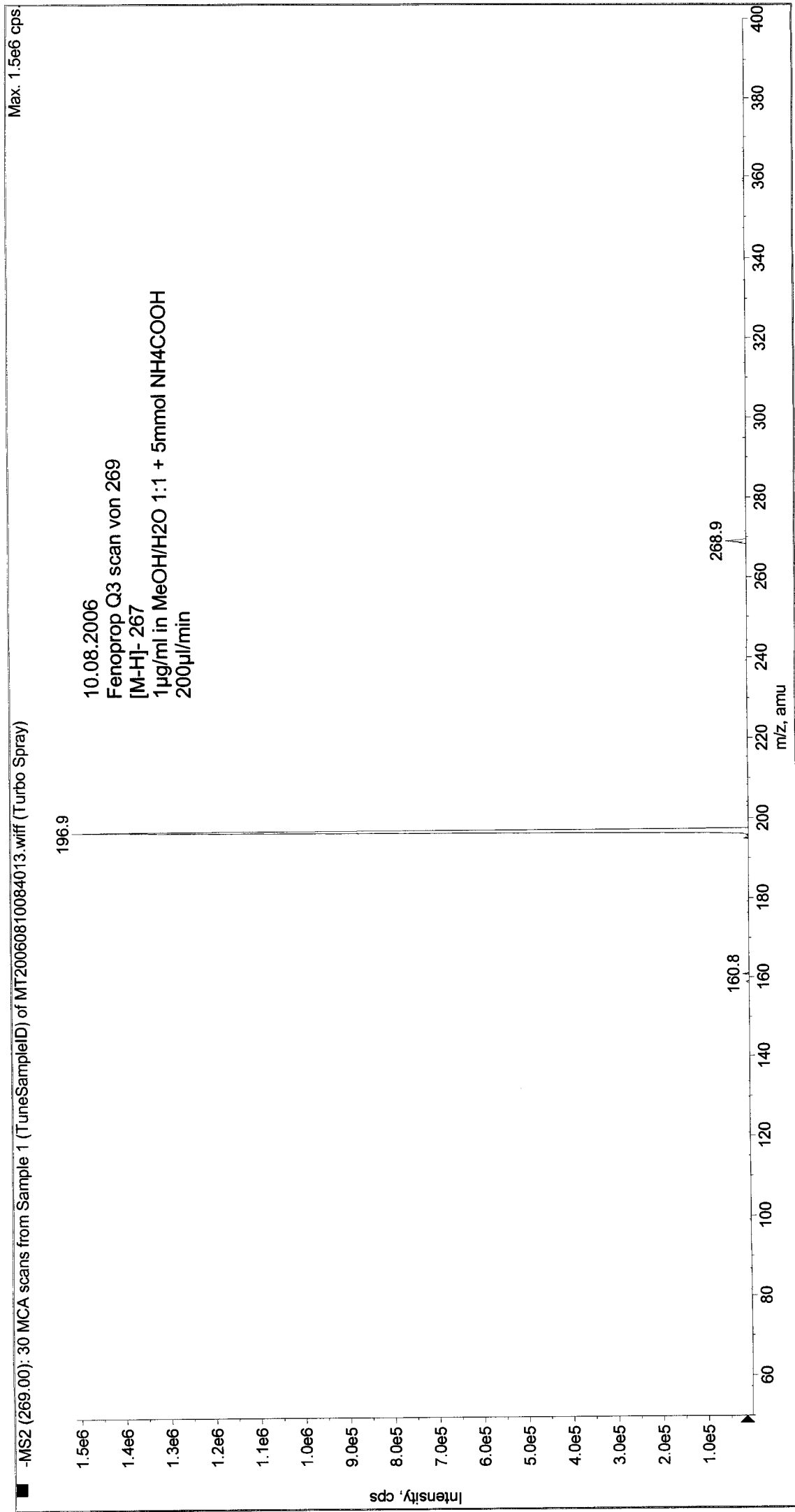
10.08.2006
Fenoprop Q1 scan
[M-H]⁺ 267
1µg/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min



Printing Time: 8:41:12
Printing Date: Thursday, August 10, 2006

Acq. Time: 08:40
Acq. Date: Thursday, August 10, 2006
Acq. File: MT20060810084013.wiff

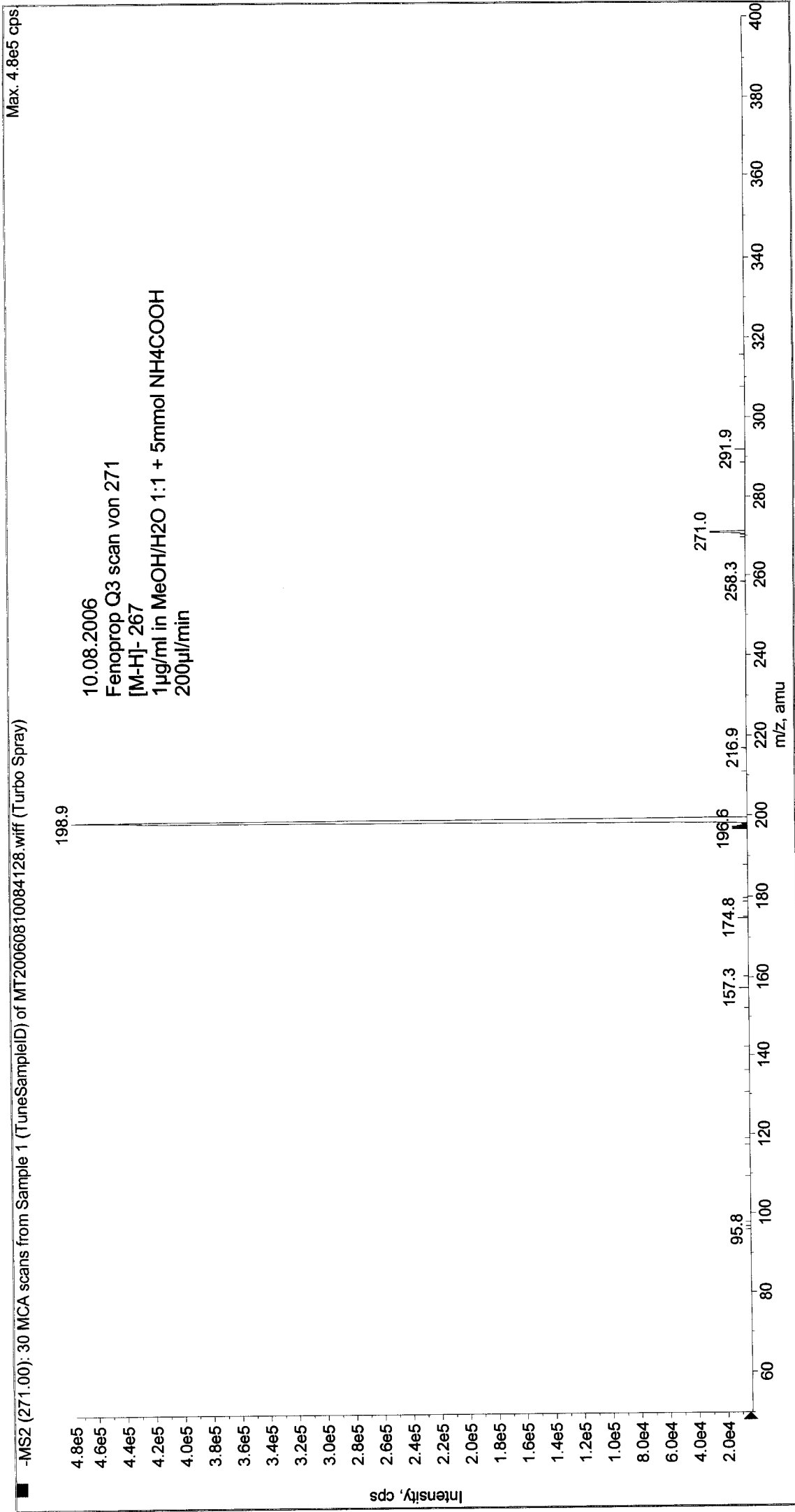
Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat



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Printing Date: Thursday, August 10, 2006

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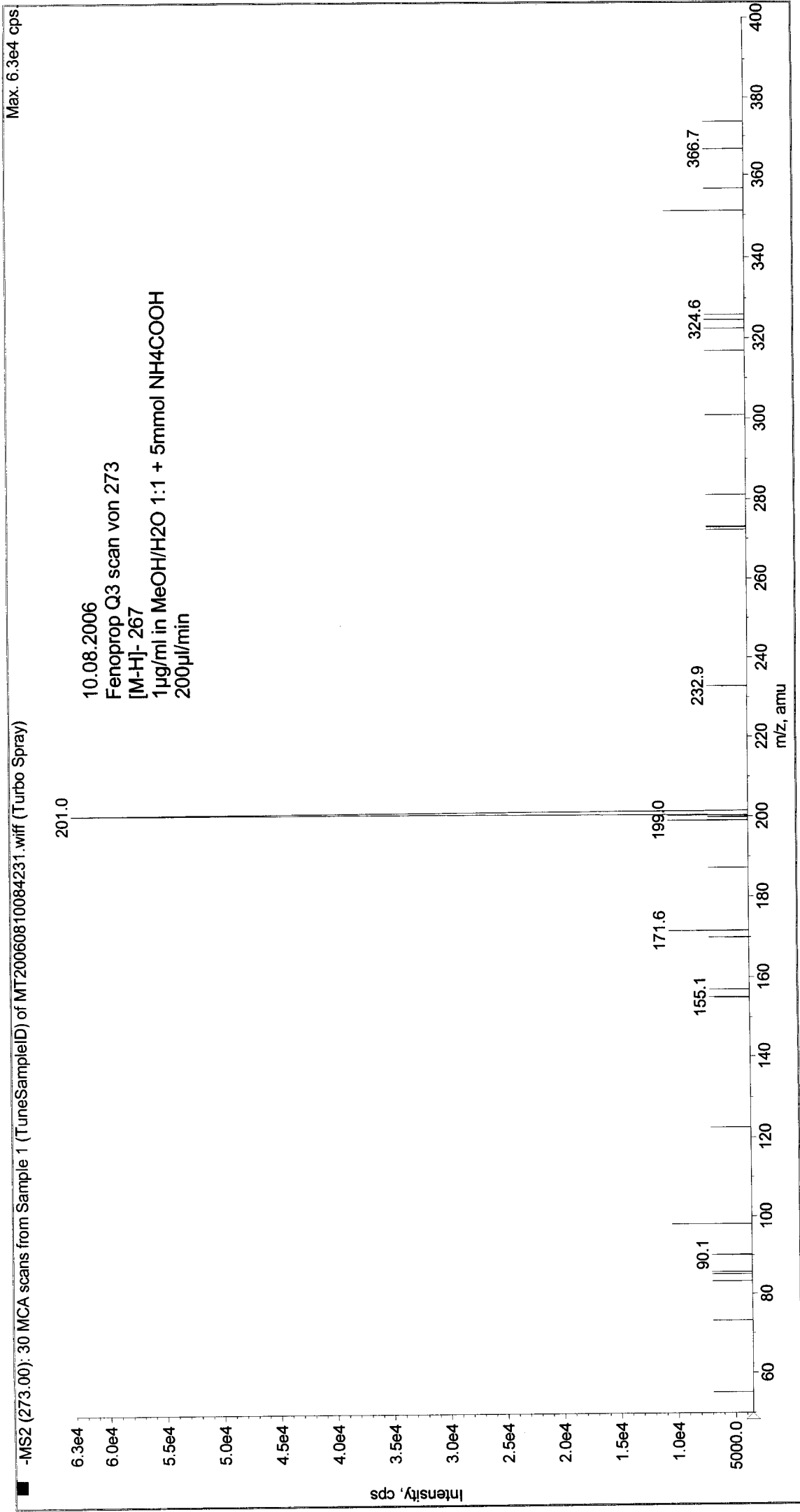
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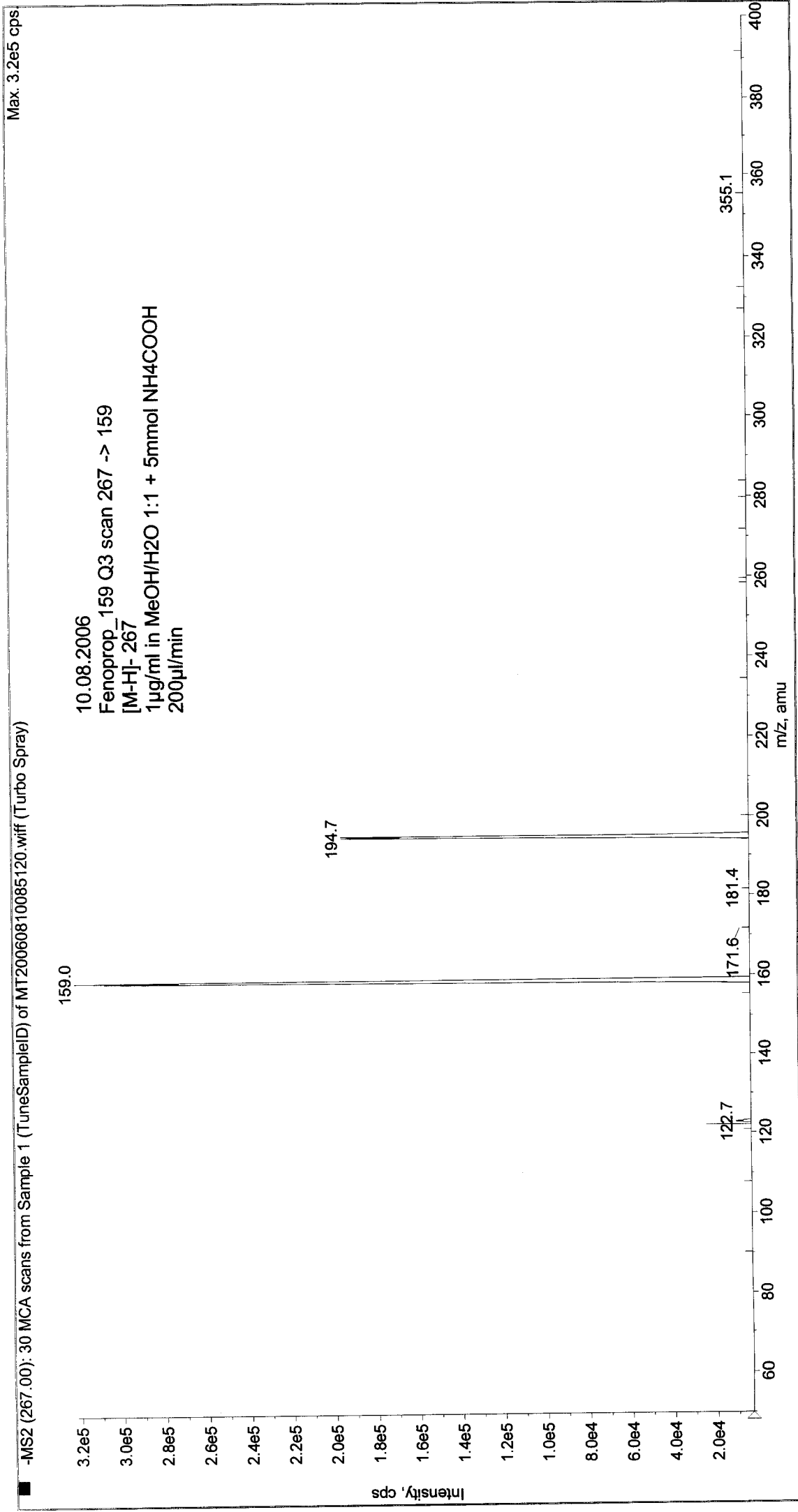


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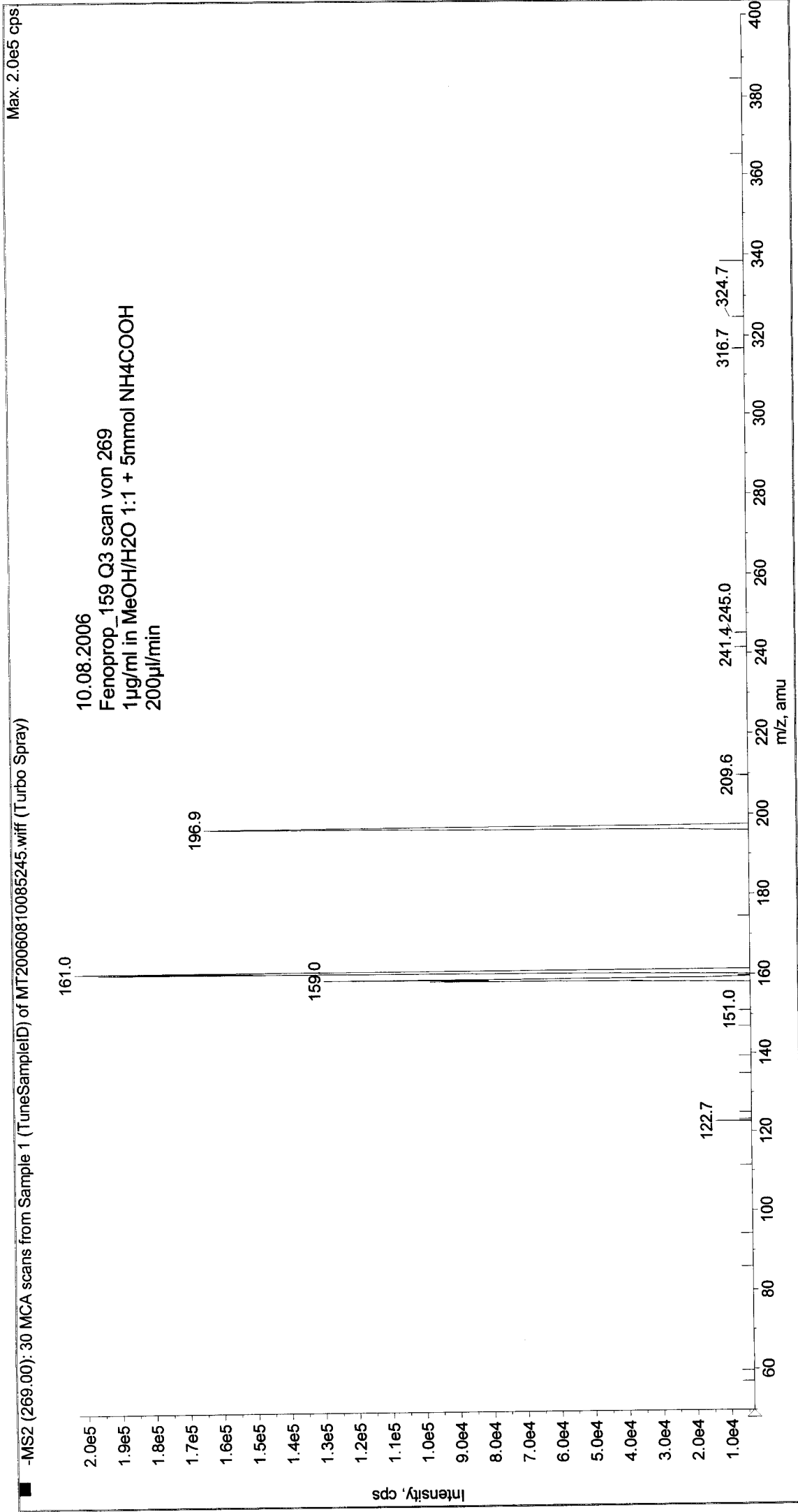




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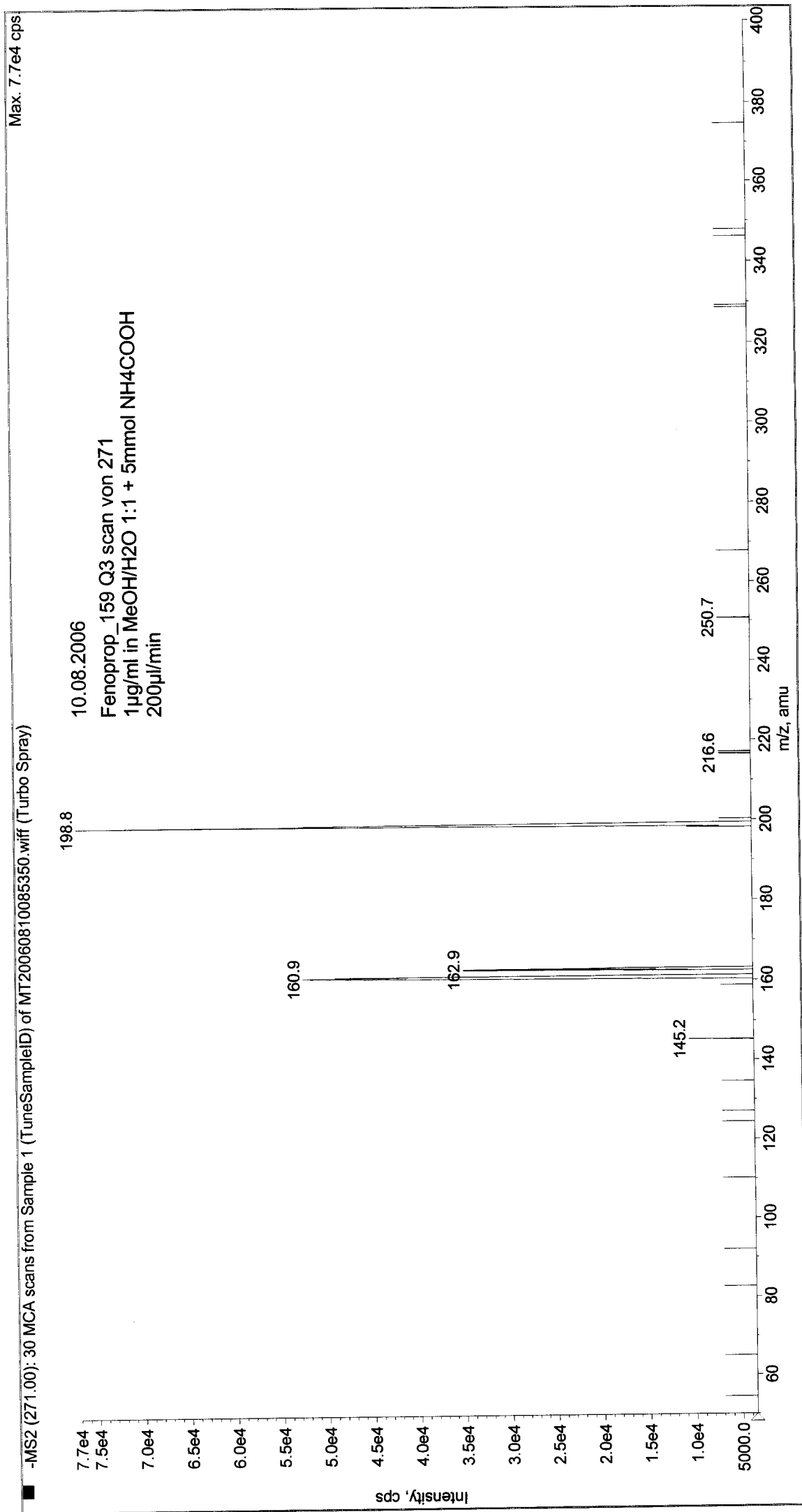
Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat



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

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Printing Date: Thursday, August 10, 2006

Acq. Time: 08:54
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Acq. File: MT20060810085455.wiff

Sample Comment:
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Batch Name: ManualTune.bat

