

MS/MS Parameters of Pesticides

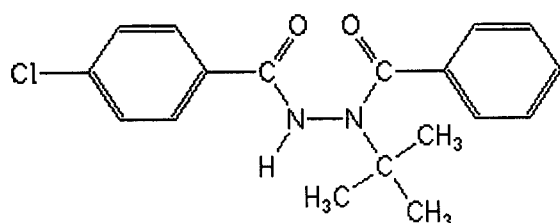
Analyte: Halofenozide

CAS No.: 112226-61-6

Formula: C₁₈H₁₉ClN₂O₂

Molecular mass (lowest isotopes): 330,11 amu

Structure:



Ionisation: ESI +

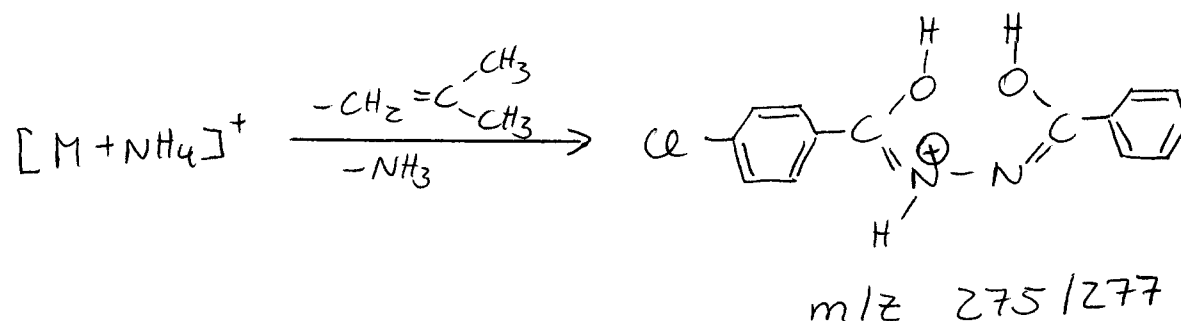
Quasimolecular ion: 348,1 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	348,1 → 105,0	348,1 → 275,2
Declustering potential (DP) ^{*)}	4V	4 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	11,5 V	12 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	27 V	17 V
Collision cell exit potential (CXP)	6 V	14 V

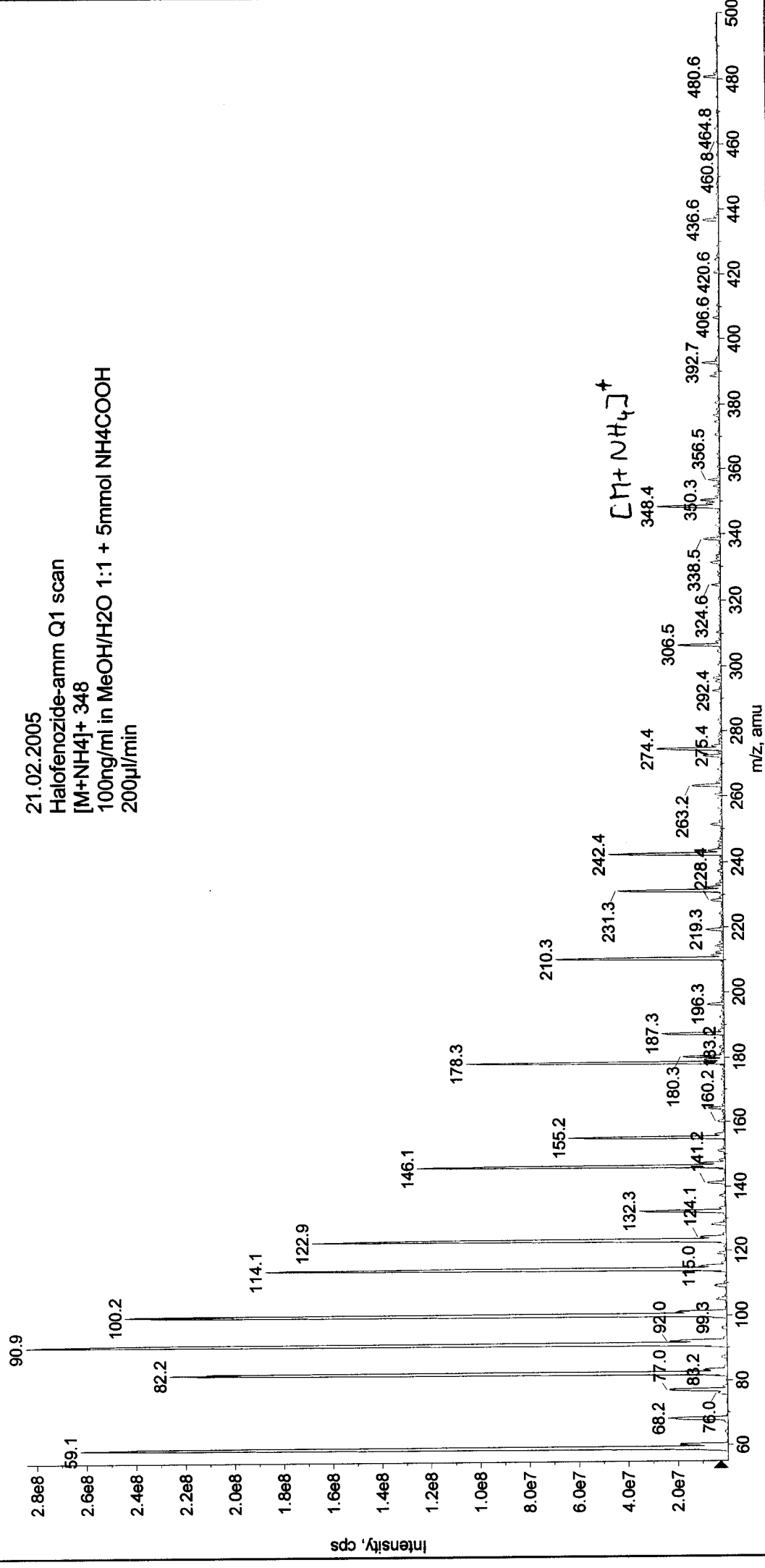
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



Max. 2.8e8 cps

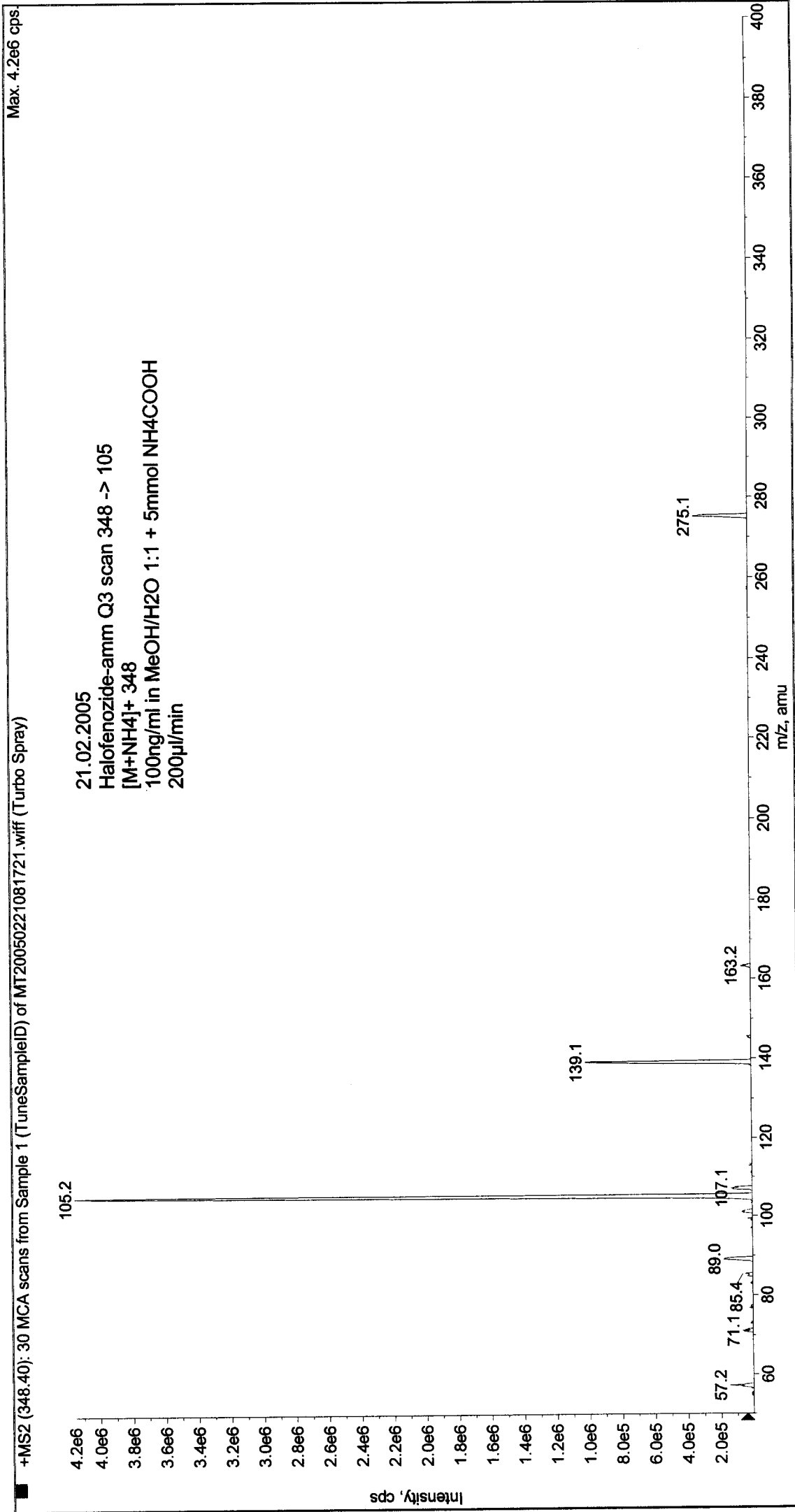
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050221080857.wiff (Turbo Spray)



Printing Time: 8:18:21
Printing Date: Monday, February 21, 2005

Acq. Time: 08:17
Acq. Date: Monday, February 21, 2005
Acq. File: MT20050221081721.wiff

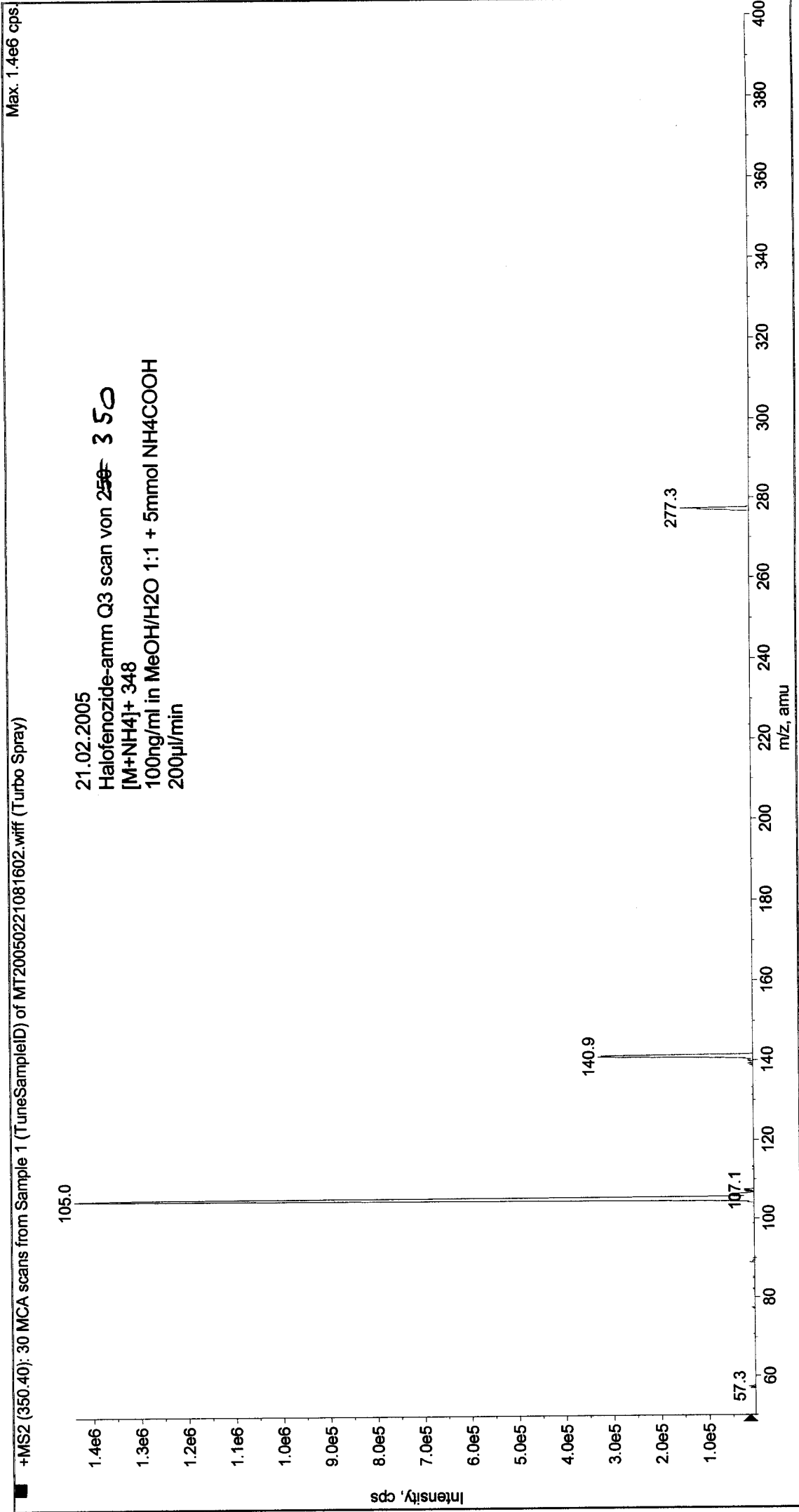
Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat



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Printing Date: Monday, February 21, 2005

Acq. Time: 08:16
Acq. Date: Monday, February 21, 2005
Acq. File: MT20050221081602.wiff

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



Printing Time: 8:24:58

Printing Date: Monday, February 21, 2005

Acq. Time: 08:23

Acq. Date: Monday, February 21, 2005

Acq. File: MT20050221082335.wiff

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

