

MS/MS Parameters of Pesticides

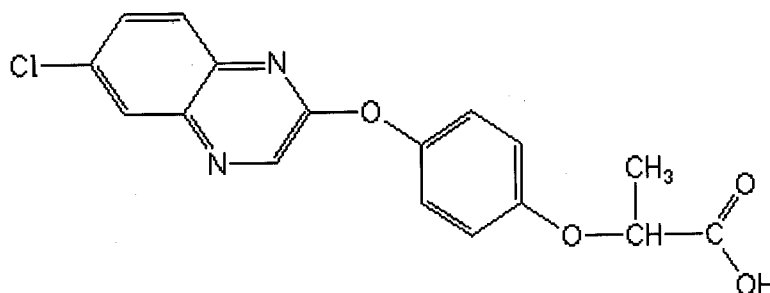
Analyte: Quizalofop

CAS No.: 76578-12-6

Formula: C₁₇H₁₃ClN₂O₄

Molecular mass (lowest isotopes): 344,06 amu

Structure:



Ionisation: ESI -

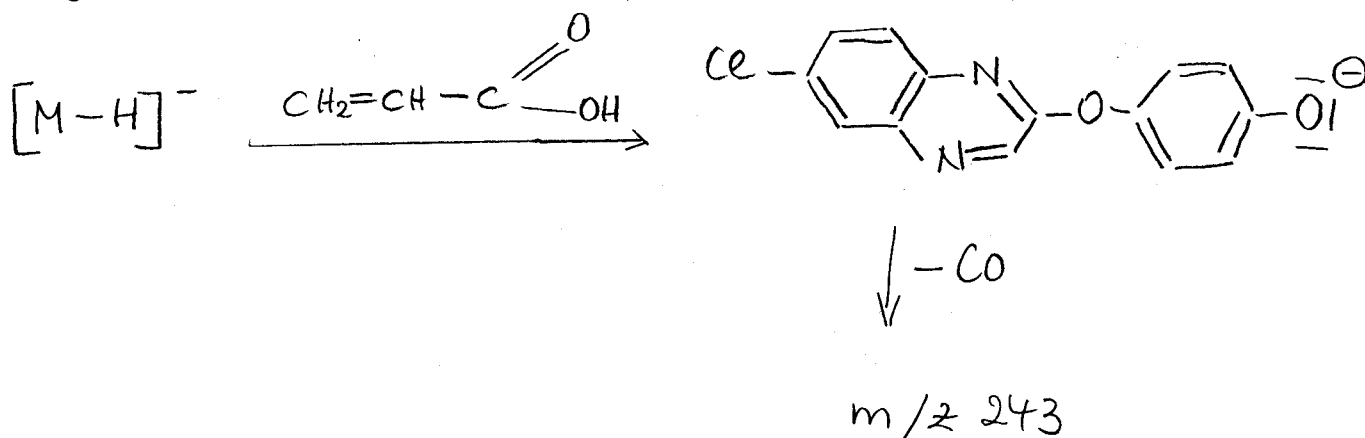
Quasimolecular ion: 343,1 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

Transition	343,1 → 270,9	343,1 → 242,9
Declustering potential (DP)*)	-89V	-89 V
Focusing potential (FP)	-340 V	-340 V
Entrance potential (EP)	-10,0 V	-10,0 V
Collision cell entrance potential (CEP)	-32 V	-34 V
Collision energy (CE)	-18 V	-34 V
Collision cell exit potential (CXP)	-18 V	-46 V

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

Fragmentation



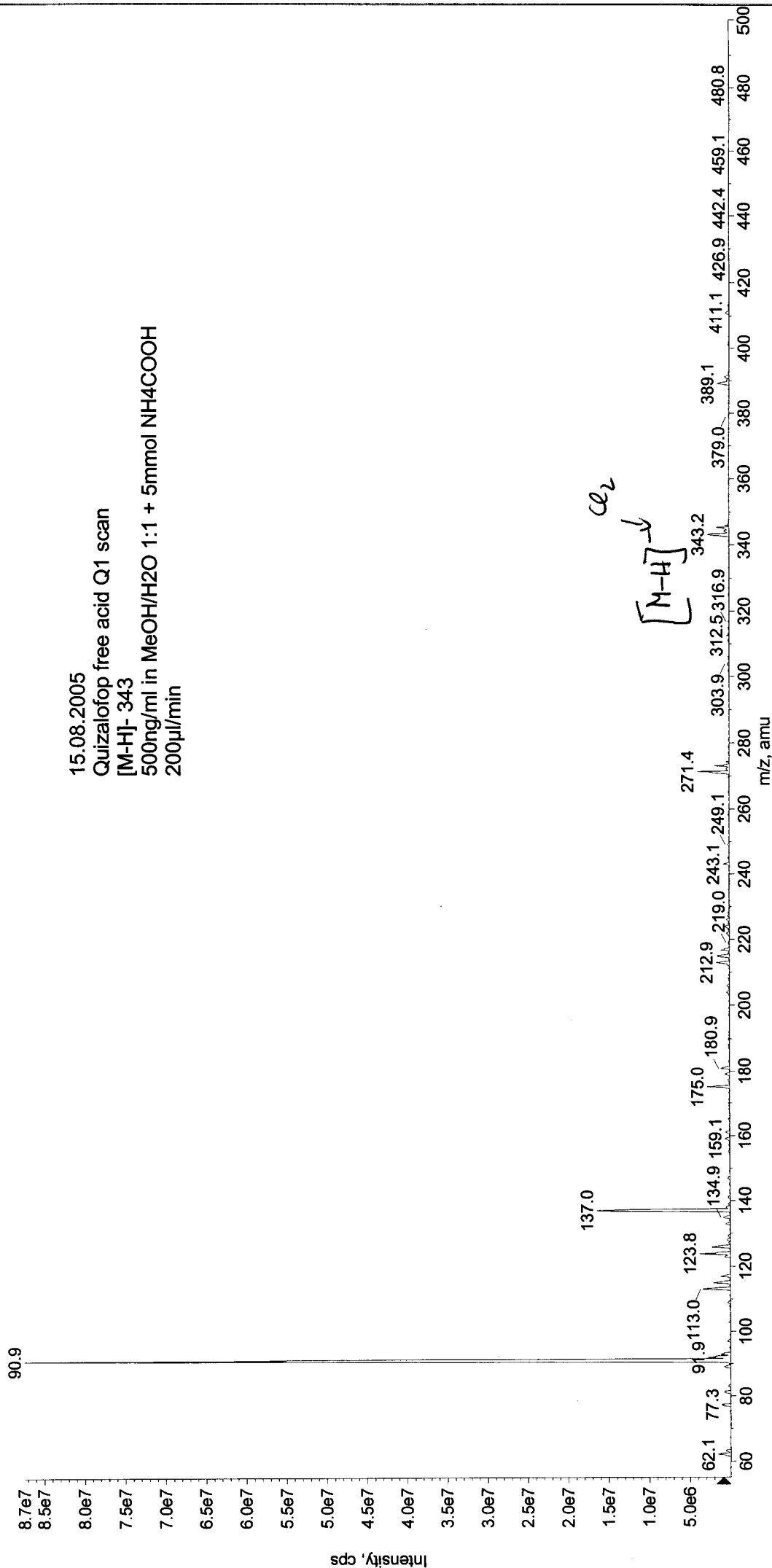
Printing Time: 11:51:26
Printing Date: Monday, August 15, 2005

Acq. Time: 11:49
Acq. Date: Monday, August 15, 2005
Acq. File: MT20050815114933.wiff

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

-Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050815114933.wiff (Turbo Spray)

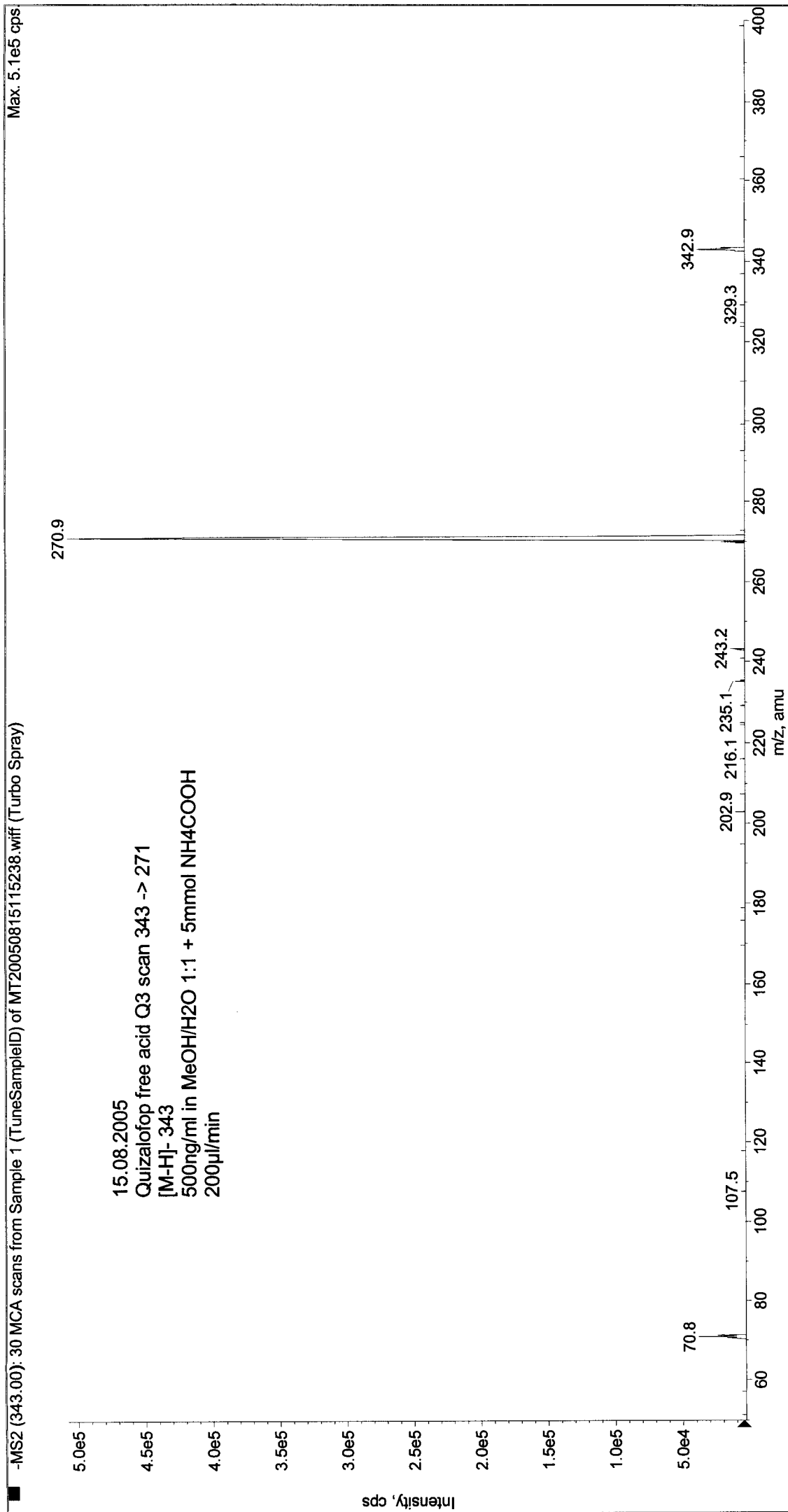
Max. 8.7e7 cps



Printing Time: 11:53:46
Printing Date: Monday, August 15, 2005

Acq. Time: 11:52
Acq. Date: Monday, August 15, 2005
Acq. File: MT20050815115238.wiff

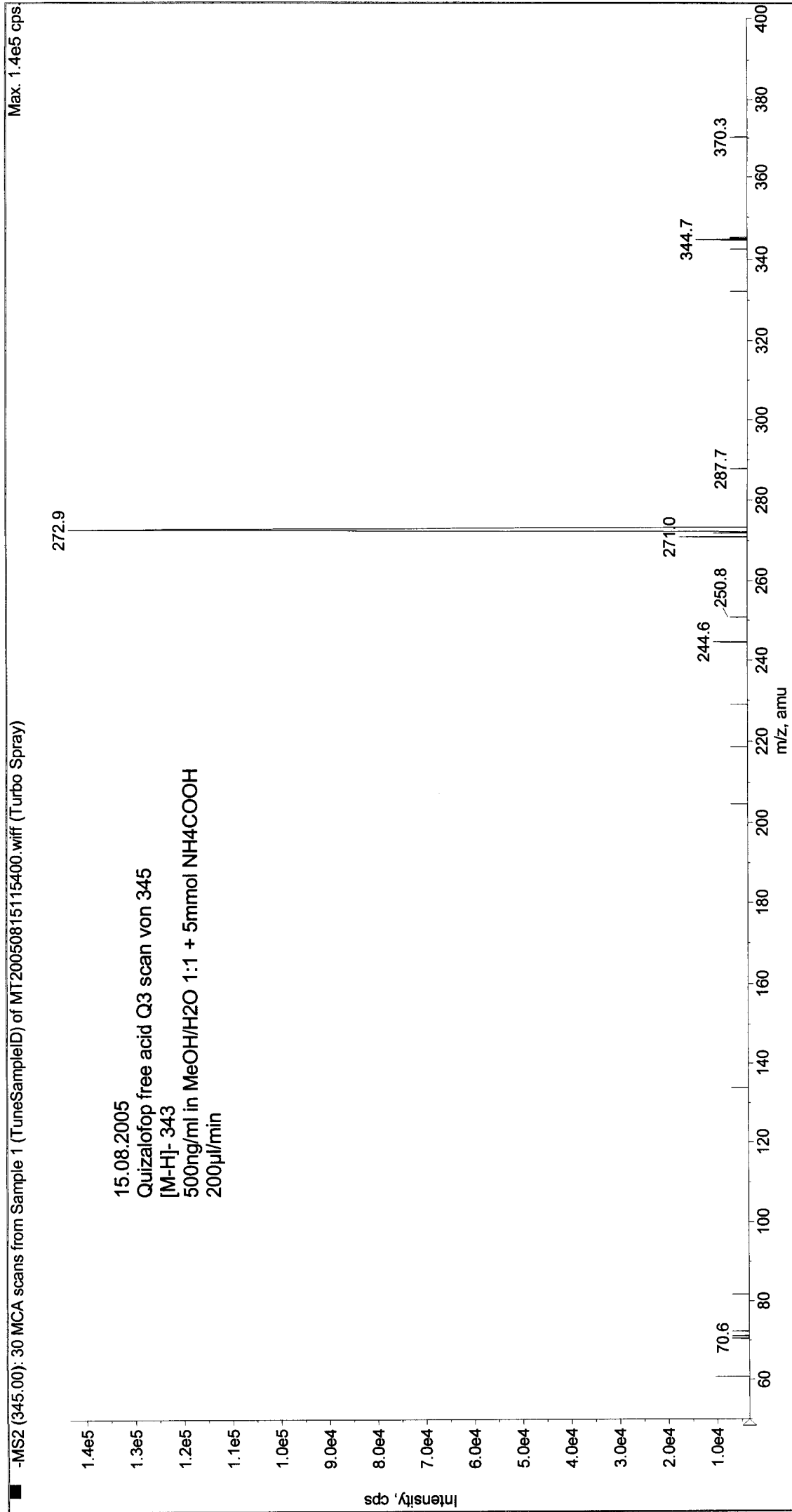
Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat



Printing Time: 11:55:13
Printing Date: Monday, August 15, 2005

Acq. Time: 11:54
Acq. Date: Monday, August 15, 2005
Acq. File: MT20050815115400.wiff

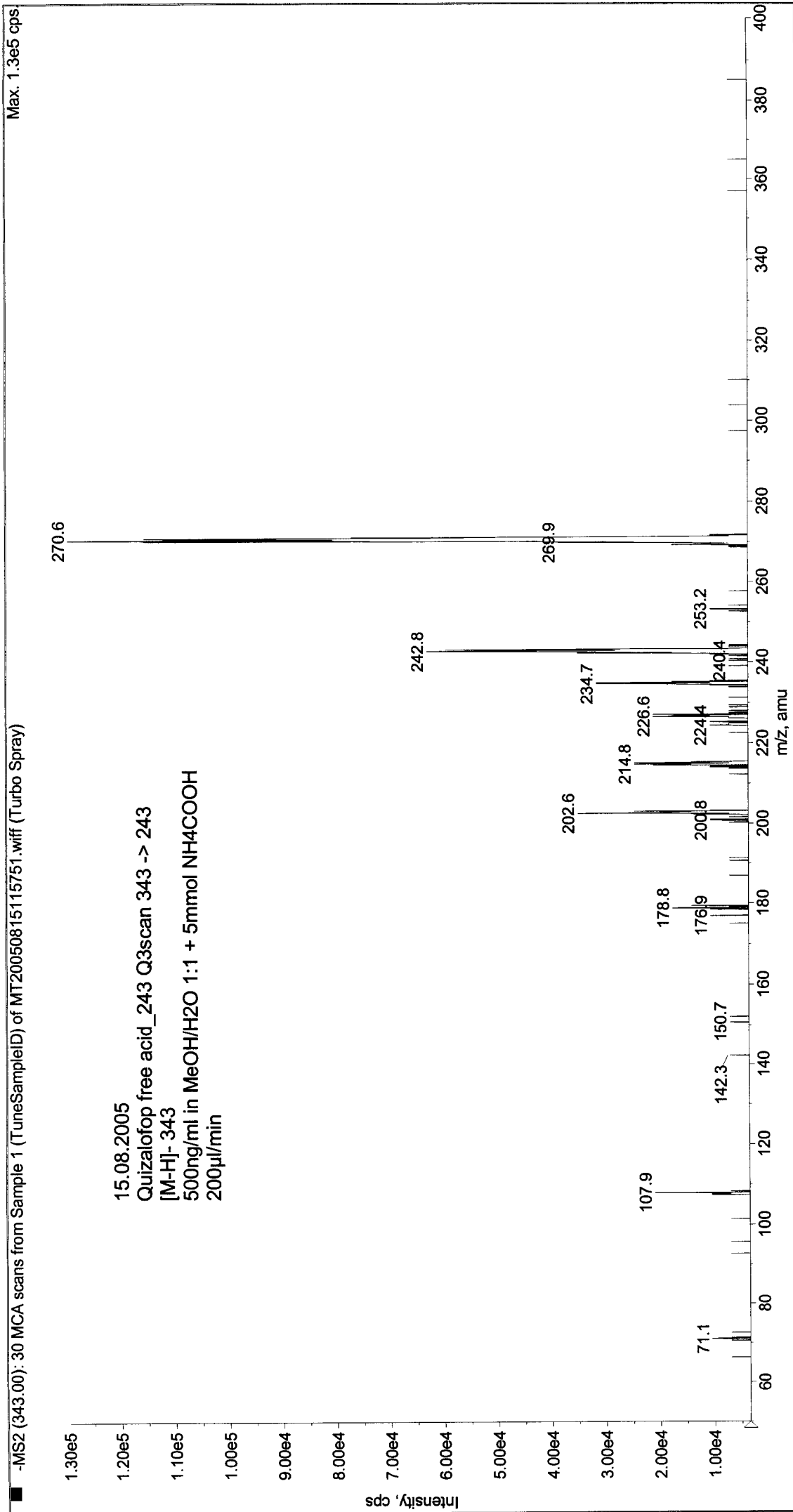
Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat



Printing Time: 11:59:05
Printing Date: Monday, August 15, 2005

Acq. Time: 11:57
Acq. Date: Monday, August 15, 2005
Acq. File: MT20050815115751.wiff

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



Printing Time: 12:00:51
Printing Date: Monday, August 15, 2005

Acq. Time: 11:59
Acq. Date: Monday, August 15, 2005
Acq. File: MT20050815115930.wiff

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

