

## MS/MS Parameters of Pesticides

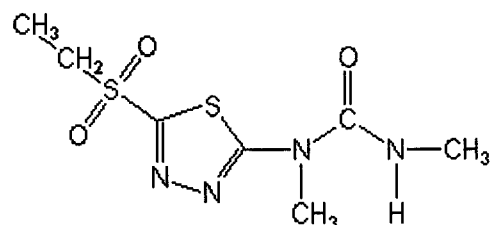
### Analyte: Ethidimuron

CAS No.: 30043-49-3

Formula: C<sub>7</sub>H<sub>12</sub>N<sub>4</sub>O<sub>3</sub>S<sub>2</sub>

Molecular mass (lowest isotopes): 264,04 amu

Structure:



Ionisation: ESI +

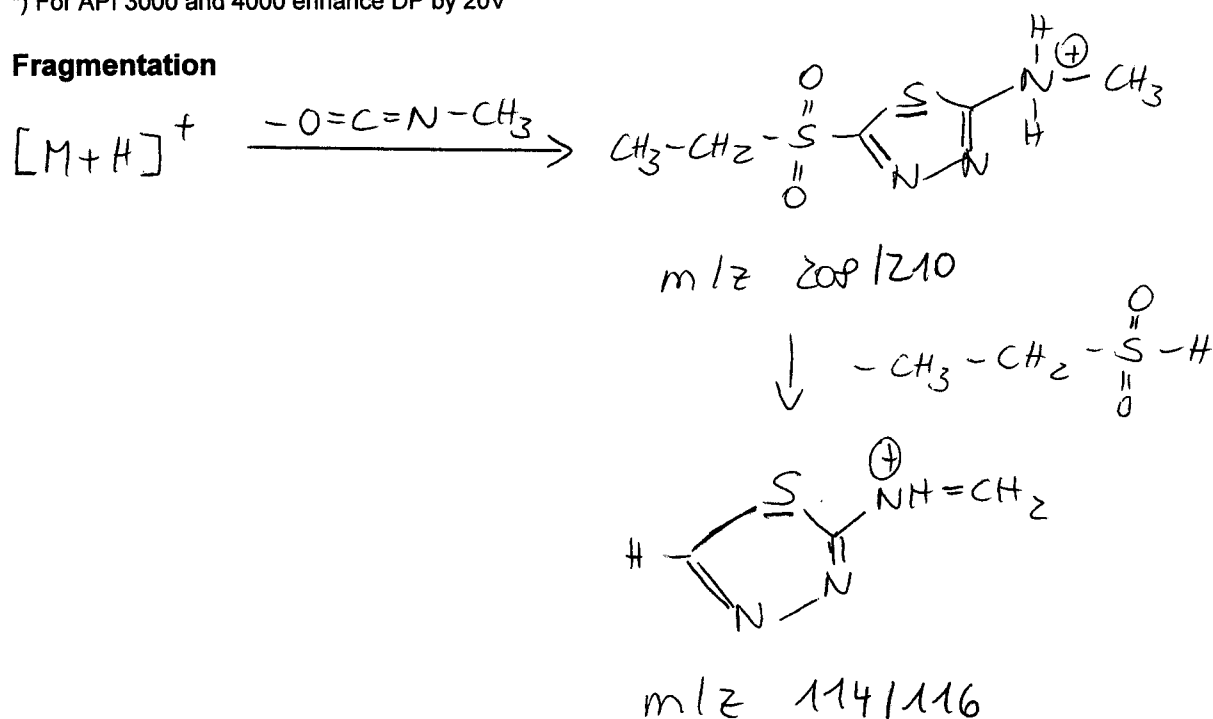
Quasimolecular ion: 265,0 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

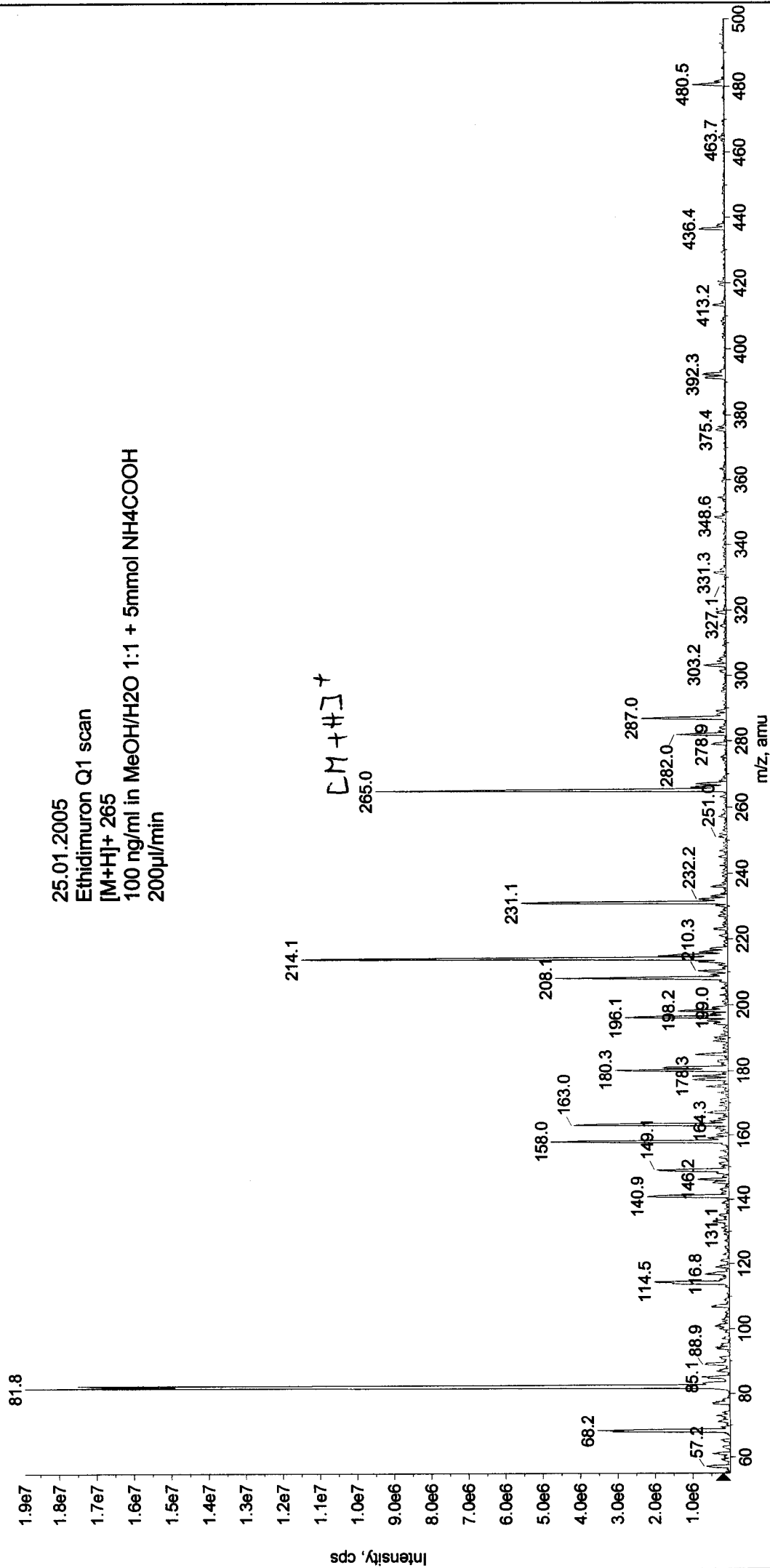
Transition	265,0 → 208,2	265,0 → 114,1
Declustering potential (DP) <sup>*)</sup>	79V	79 V
Focusing potential (FP)	280 V	370 V
Entrance potential (EP)	12 V	12 V
Collision cell entrance potential (CEP)	16 V	18 V
Collision energy (CE)	19 V	25 V
Collision cell exit potential (CXP)	10 V	6 V

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050125132009.wiff (Turbo Spray) Max. 1.9e7 cps.



Printing Time: 13:30:12

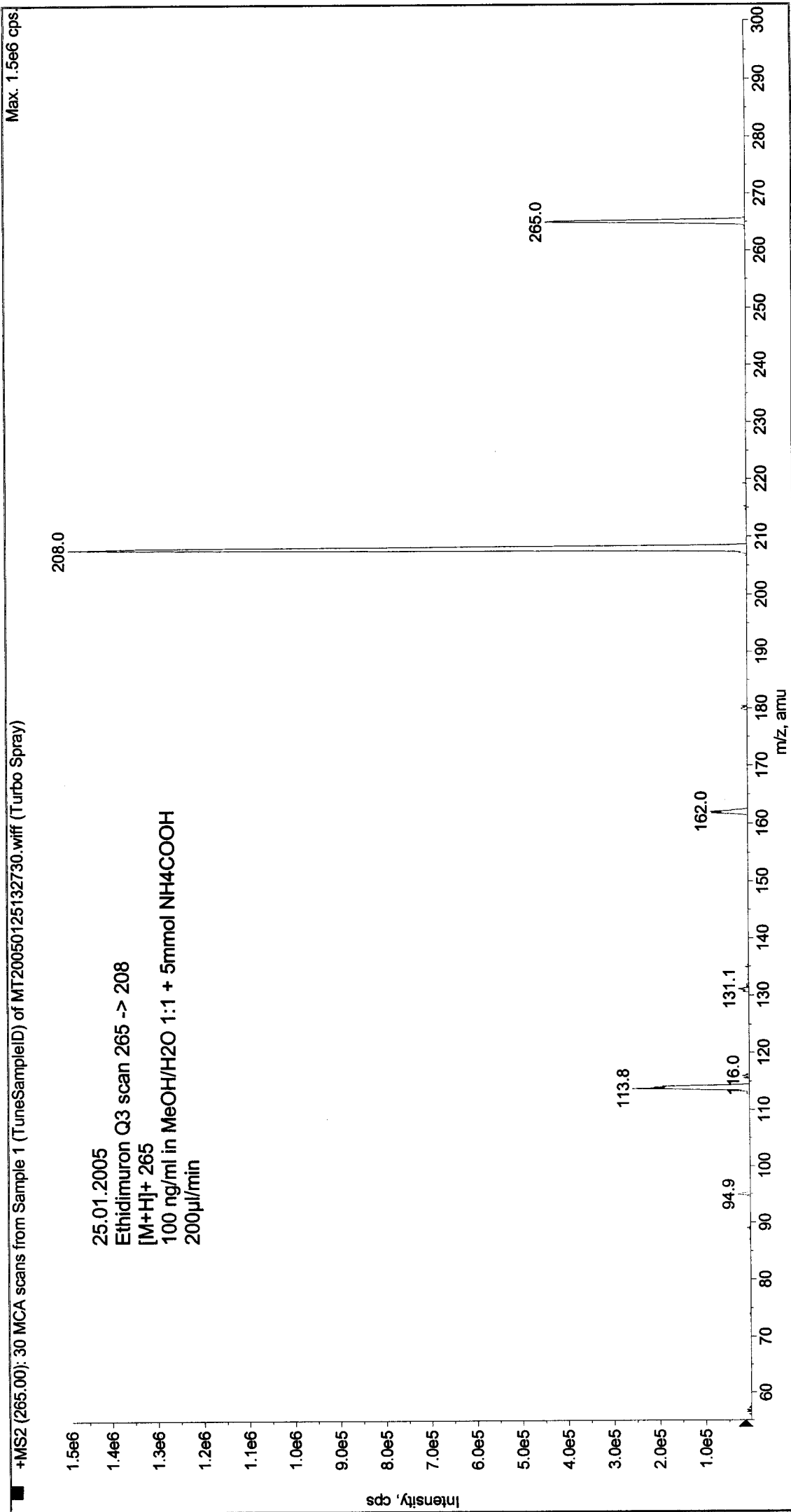
Printing Date: Tuesday, January 25, 2005

Acq Time: 13:27

Acq Date: Tuesday, January 25, 2005

Acq File: MT20050125132730.wiff

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



Printing Time: 13:32:48

Printing Date: Tuesday, January 25, 2005

Acq. Time: 13:31

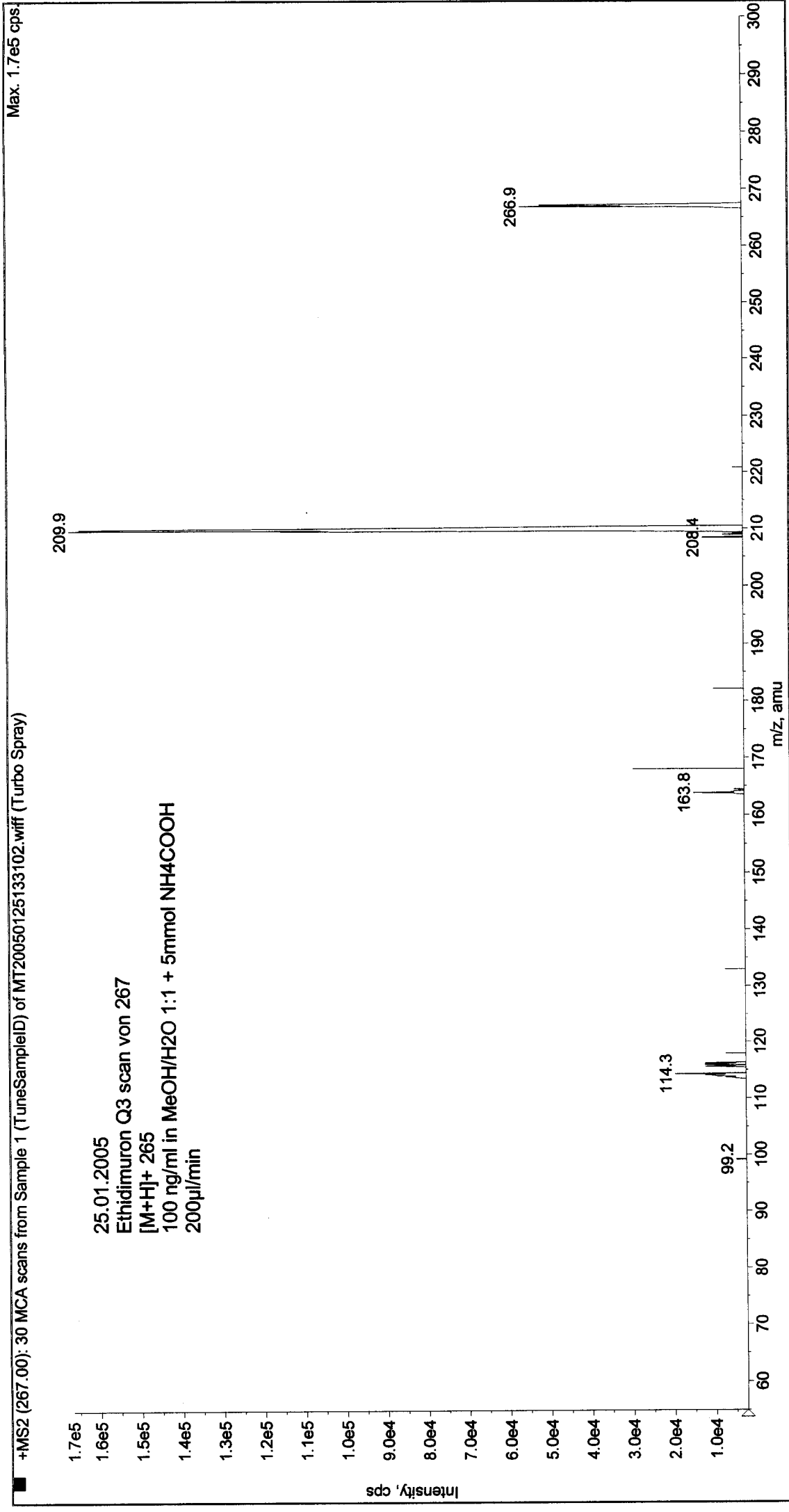
Acq. Date: Tuesday, January 25, 2005

Acq. File: MT20050125133102.wiff

Sample Comment:

Sample Name: TuneSampleID

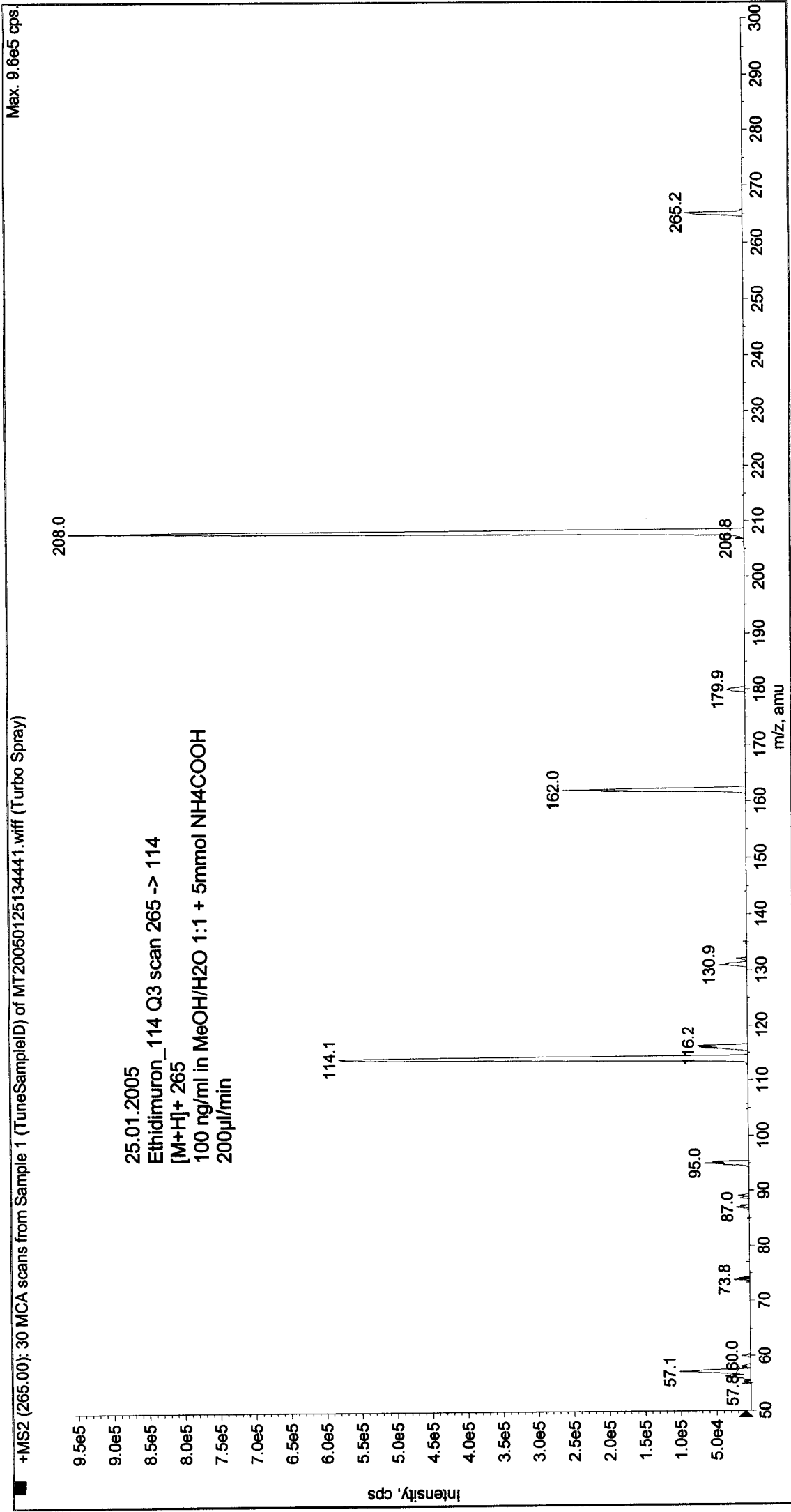
Batch Name: ManualTune.bat



Printing Time: 13:46:51  
Printing Date: Tuesday, January 25, 2005

Acq. Time: 13:44  
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Acq. File: MT2005012513441.wiff

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



Printing Time: 13:49:58  
Printing Date: Tuesday, January 25, 2005

Acq. Time: 13:48  
Acq. Date: Tuesday, January 25, 2005  
Acq. File: MT20050125134812.wiff

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

