

## MS/MS Parameters of Pesticides

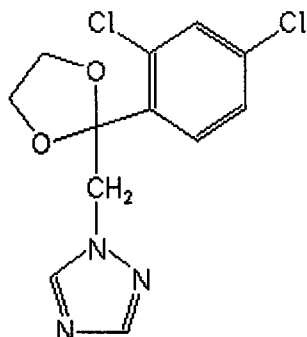
### Analyte: Azaconazole

CAS No.: 60207-31-0

Formula: C<sub>12</sub>H<sub>11</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>

Molecular mass (lowest isotopes): 299,02 amu

Structure:



Ionisation: ESI +

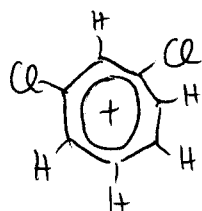
Quasimolecular ion: 300,0 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

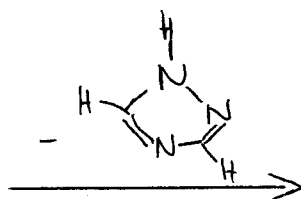
| Transition                                | 300,0 → 231,0 | 300,0 → 159,0 |
|---|---------------|---------------|
| Declustering potential (DP) <sup>*)</sup> | 61V           | 61 V          |
| Focusing potential (FP)                   | 370 V         | 350 V         |
| Entrance potential (EP)                   | 12 V          | 12 V          |
| Collision cell entrance potential (CEP)   | 20 V          | 20 V          |
| Collision energy (CE)                     | 23 V          | 37 V          |
| Collision cell exit potential (CXP)       | 12 V          | 8 V           |

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

### Fragmentation

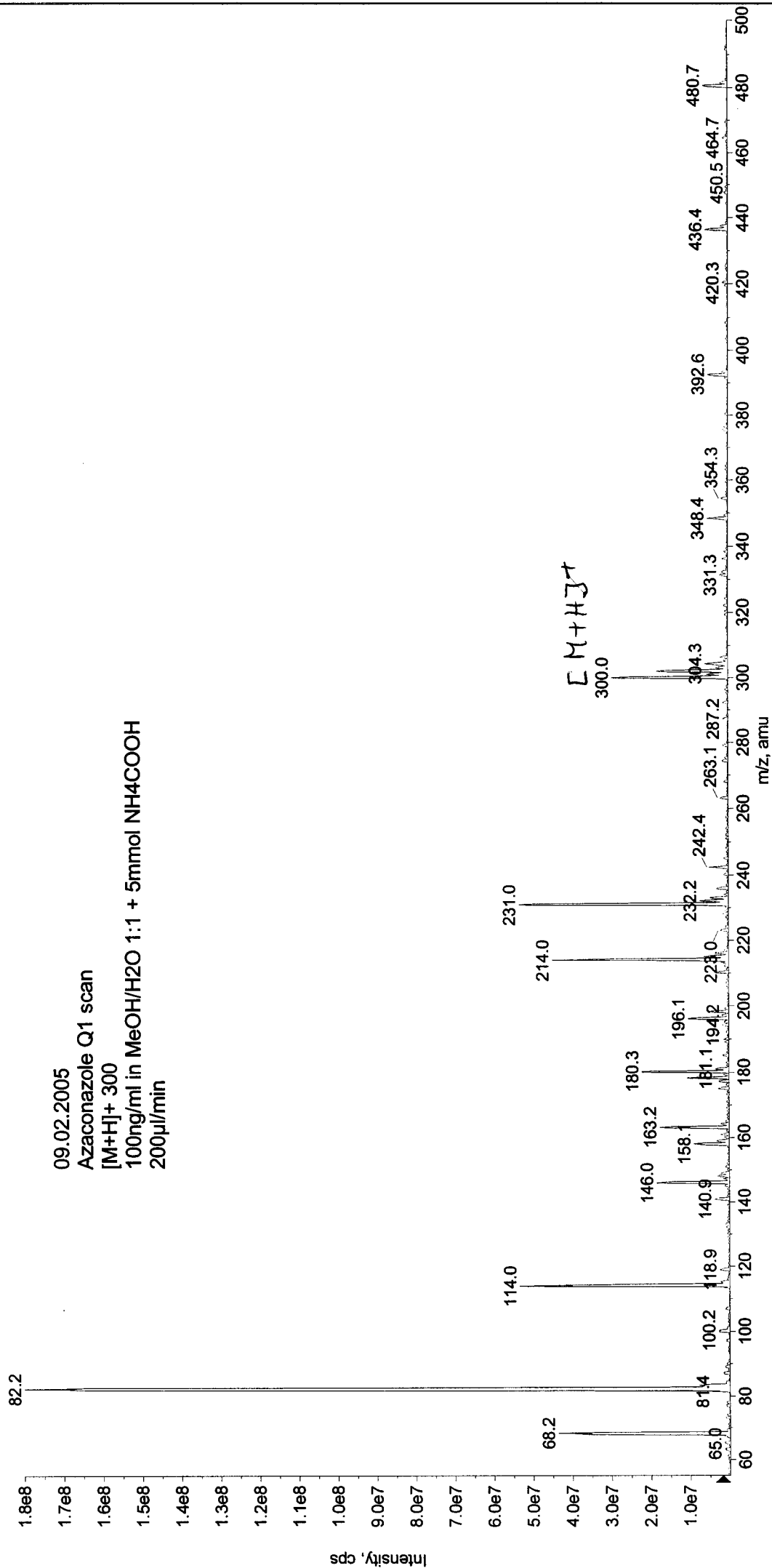


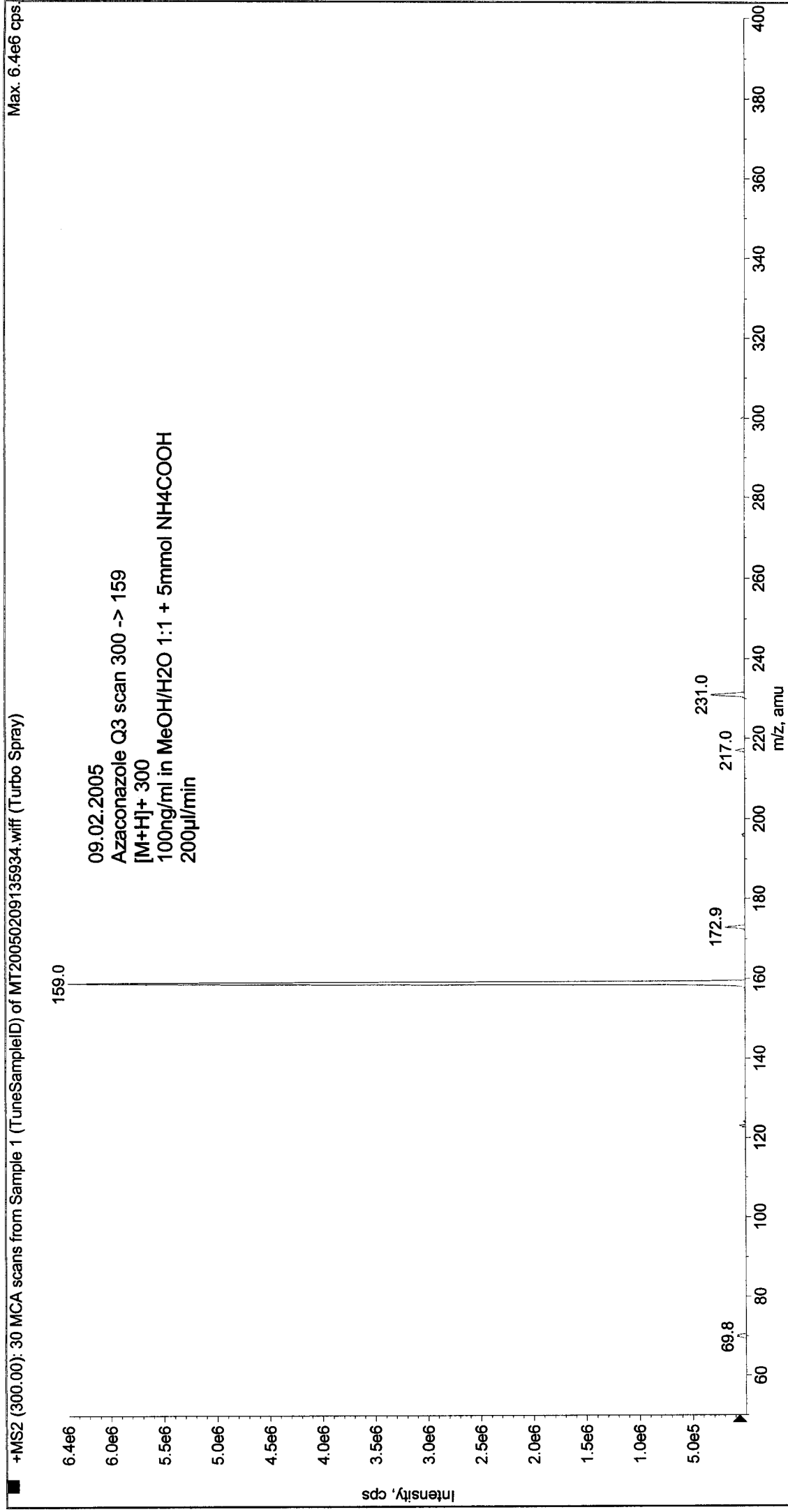
m/z 159/161

[M+H]<sup>+</sup>


m/z 231

+Q1: 30 MCA scans from Sample 1 (TunesSampleID) of MT20050209135557.wiff (Turbo Spray) Max. 1.8e8 cps





Printing Time: 14:02:28

Printing Date: Wednesday, February 09, 2005

Acq. Time: 14:01

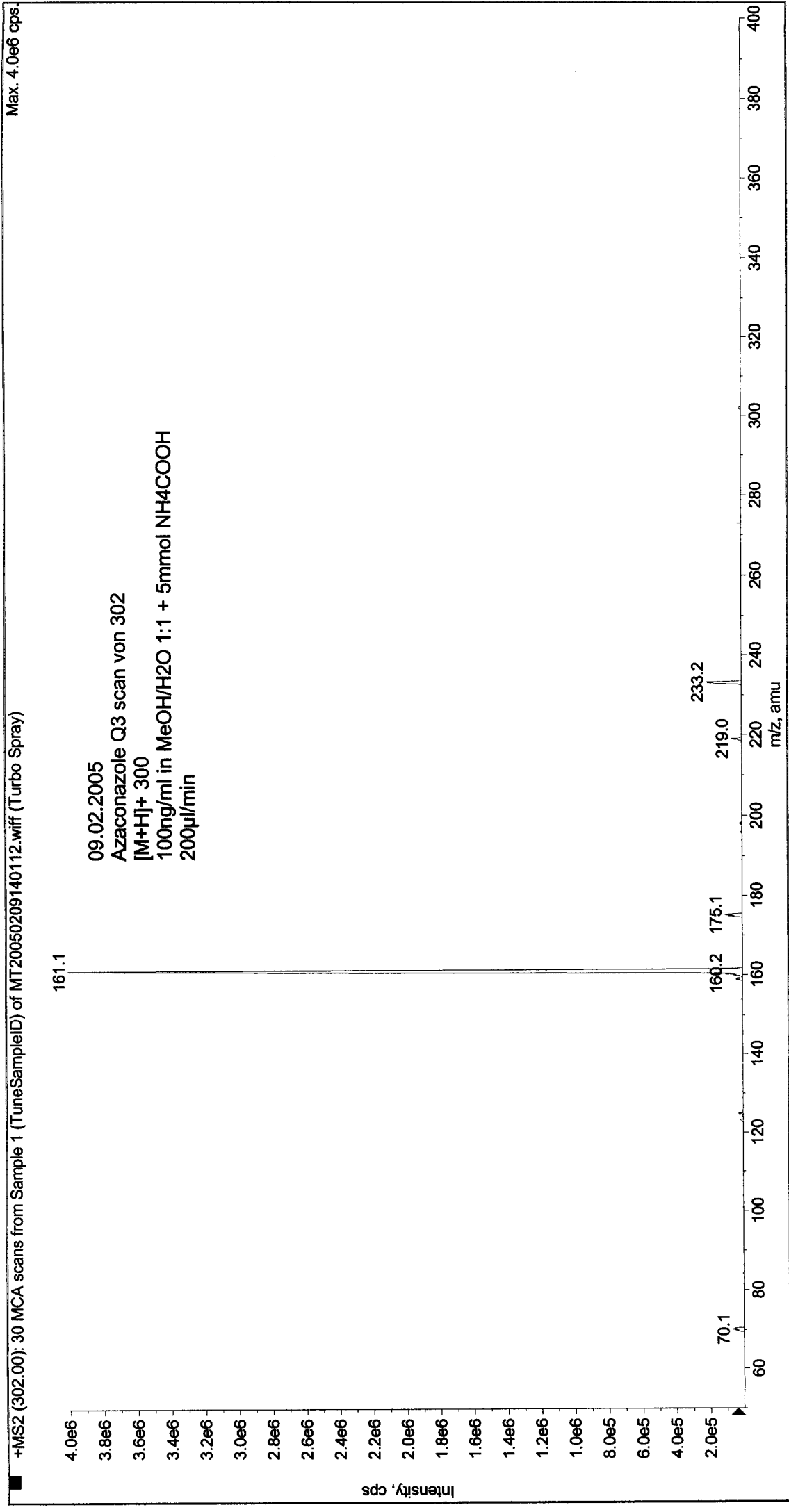
Acq. Date: Wednesday, February 09, 2005

Acq. File: MT20050209140112.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat



Printing Time: 14:10:10

Printing Date: Wednesday, February 09, 2005

Acq. Time: 14:08

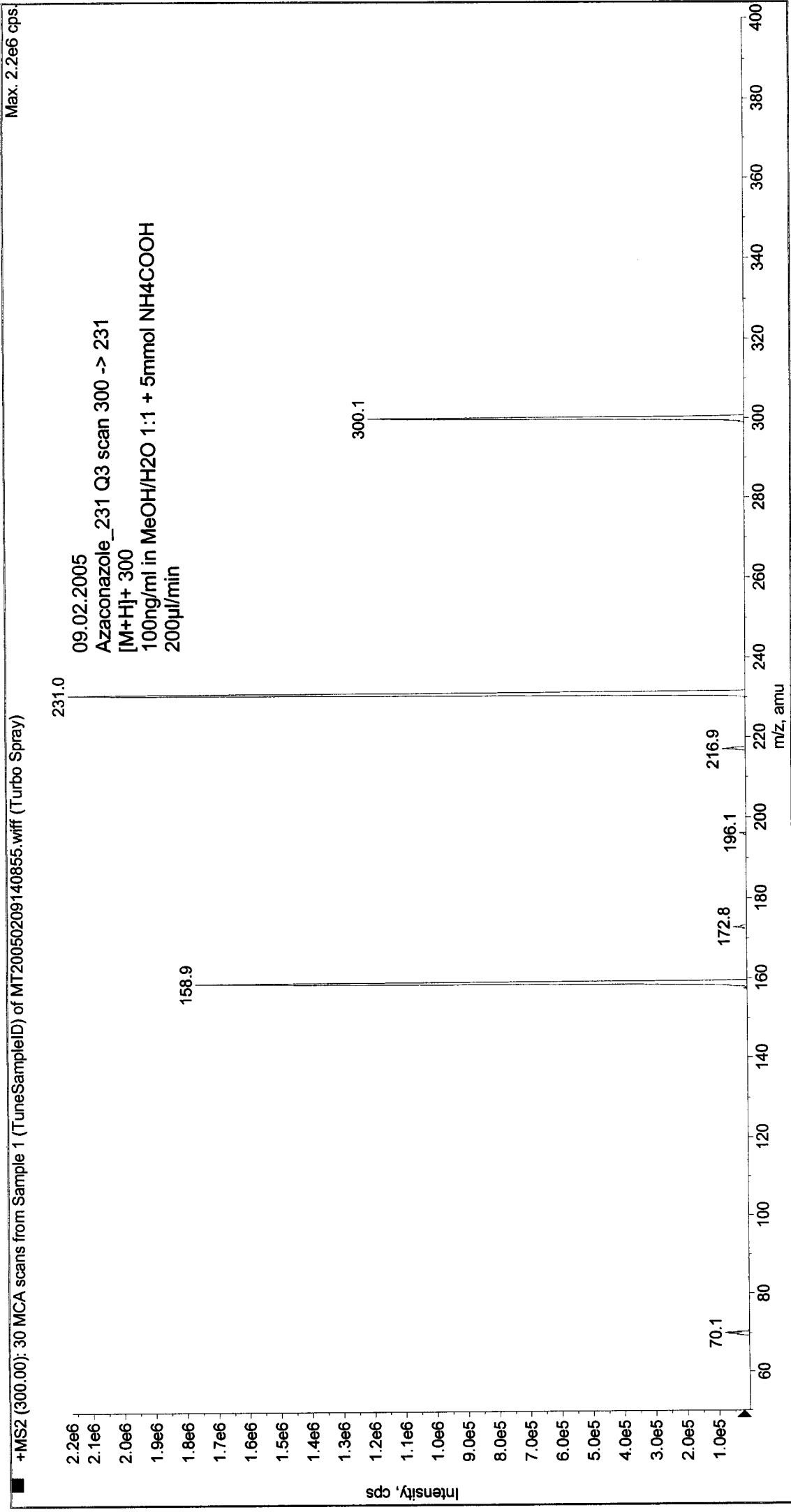
Acq. Date: Wednesday, February 09, 2005

Acq. File: MT20050209140855.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat



Printing Time: 14:11:21

Printing Date: Wednesday, February 09, 2005

Acq. Time: 14:10

Acq. Date: Wednesday, February 09, 2005

Acq. File: MT20050209141023.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

