

## MS/MS Parameters of Pesticides

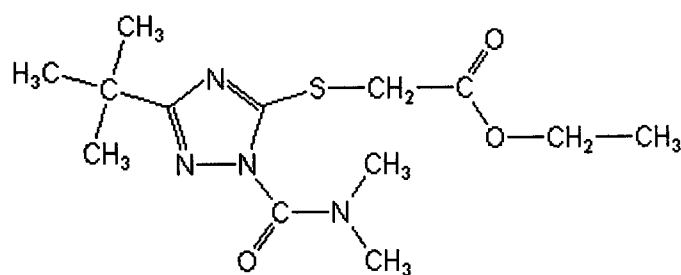
### Analyte: Triazamate

CAS No.: 112143-82-5

Formula: C<sub>13</sub>H<sub>22</sub>N<sub>4</sub>O<sub>3</sub>S

Molecular mass (lowest isotopes): 314,14 amu

Structure:



Ionisation: ESI +

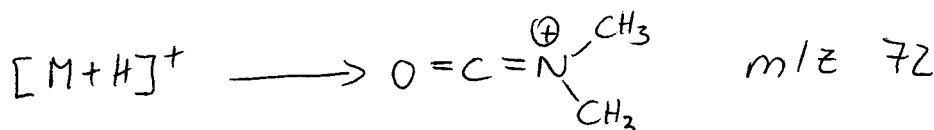
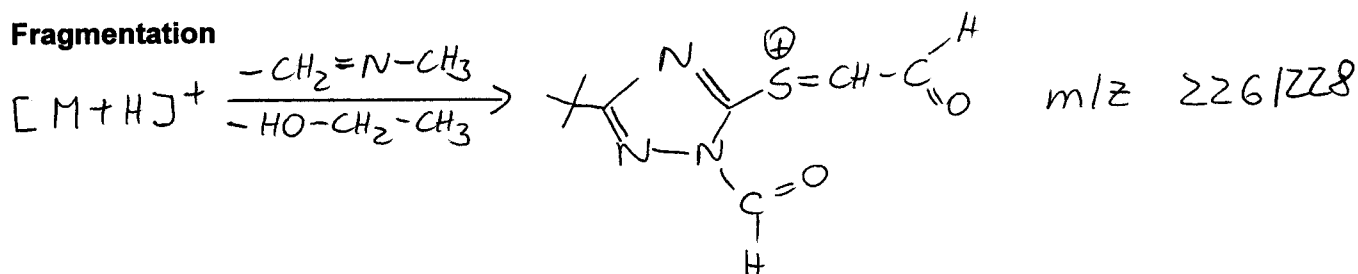
Quasimolecular ion: 315,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	315,1 → 72,1	315,1 → 226,0
Declustering potential (DP) <sup>*)</sup>	24V	24 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,5 V	11,5 V
Collision cell entrance potential (CEP)	22 V	20 V
Collision energy (CE)	33 V	17 V
Collision cell exit potential (CXP)	10 V	12 V

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

### Fragmentation



Acq/me: 08:40

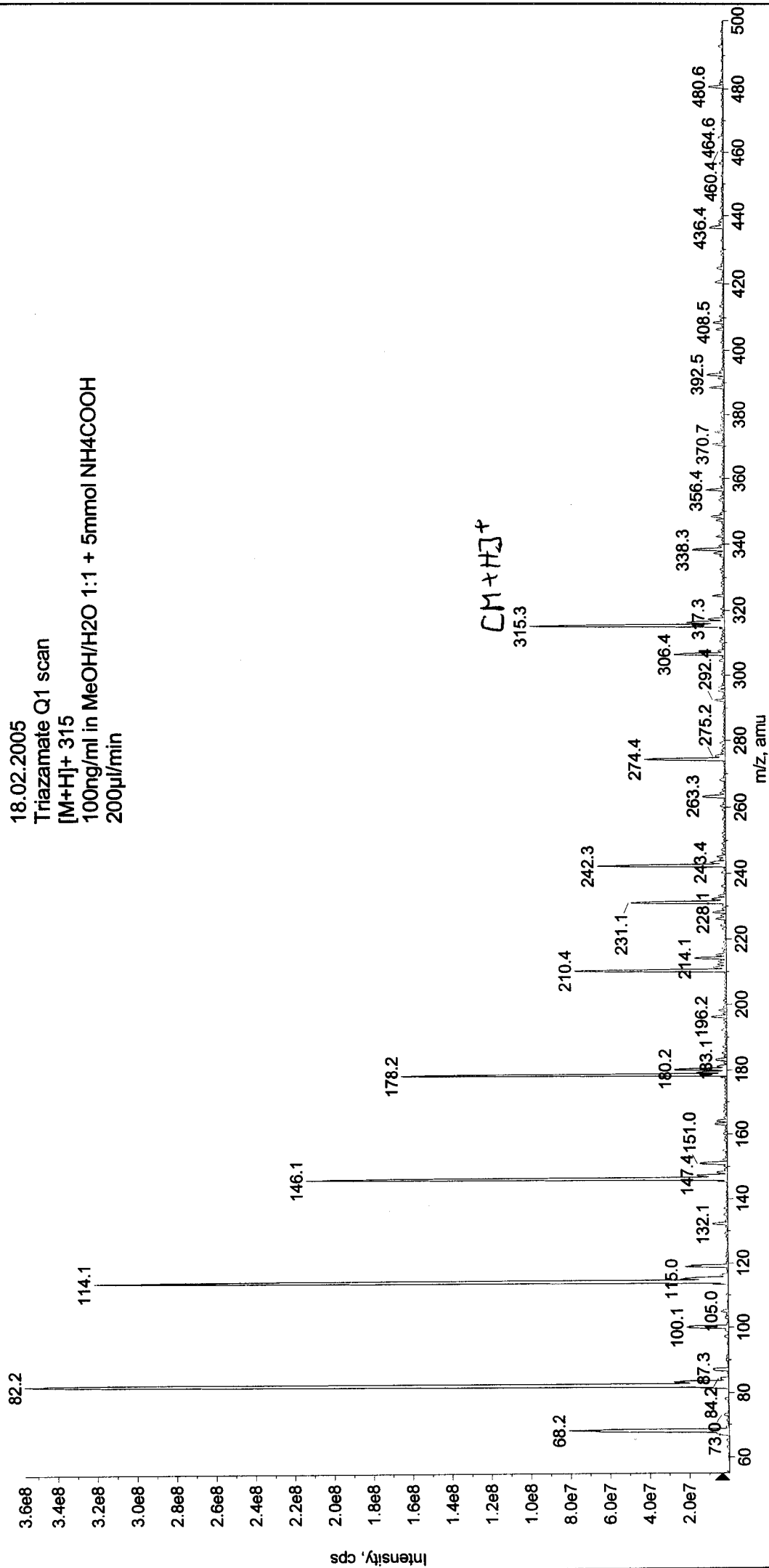
Acq. Date: Friday, February 18, 2005

Acq. File: MT20050218084017.wiff

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

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050218084017.wiff (Turbo Spray)	Max. 3.6e8 cps.
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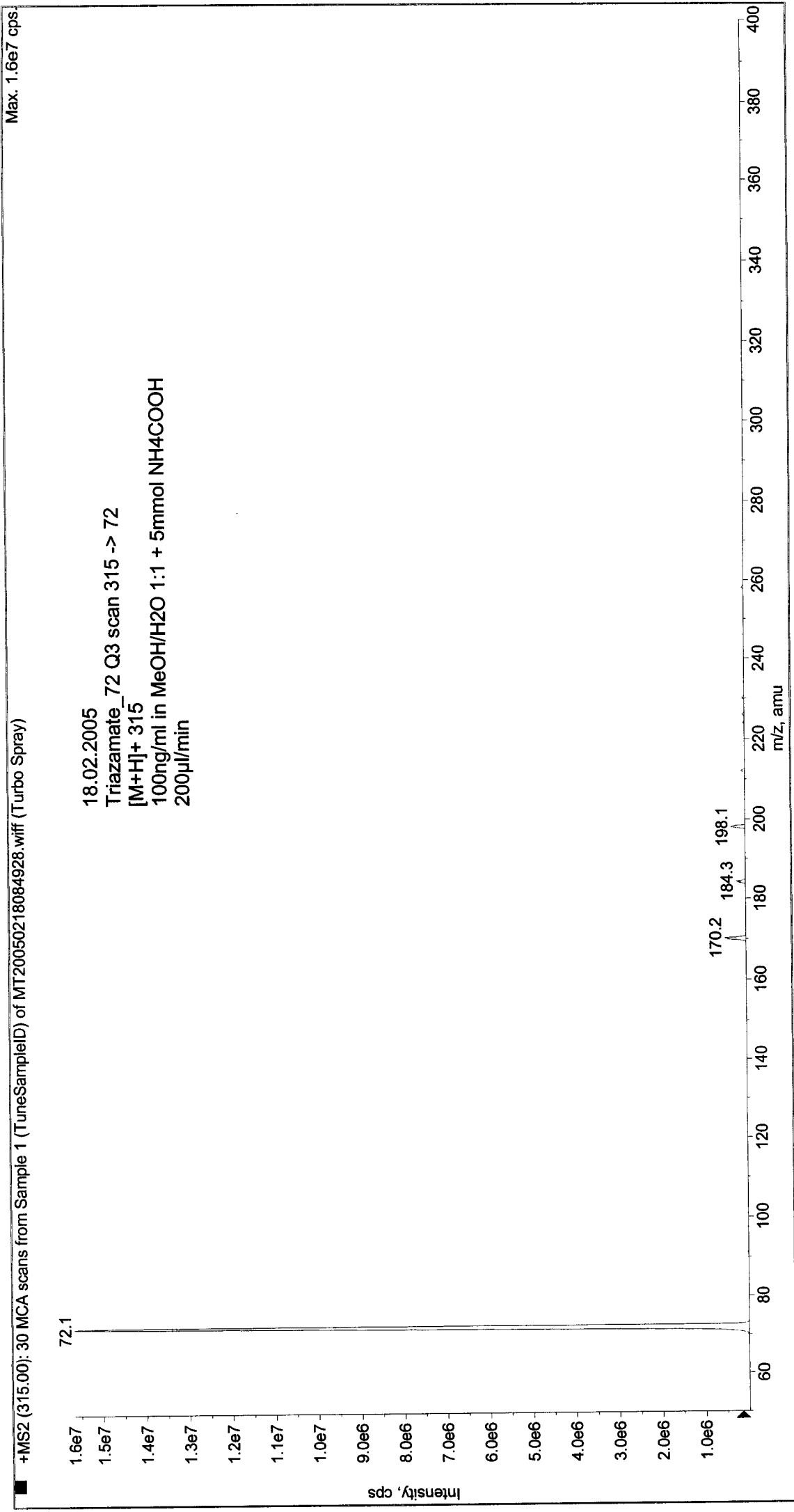
18.02.2005  
Triazamate Q1 scan  
[M+H]<sup>+</sup> 315  
100ng/ml in MeOH/H<sub>2</sub>O 1:1 + 5mmol NH<sub>4</sub>COOH  
200µl/min



Printing Time: 8:50:31  
Printing Date: Friday, February 18, 2005

Acq. Time: 08:49  
Acq. Date: Friday, February 18, 2005  
Acq. File: MT20050218084928.wiff

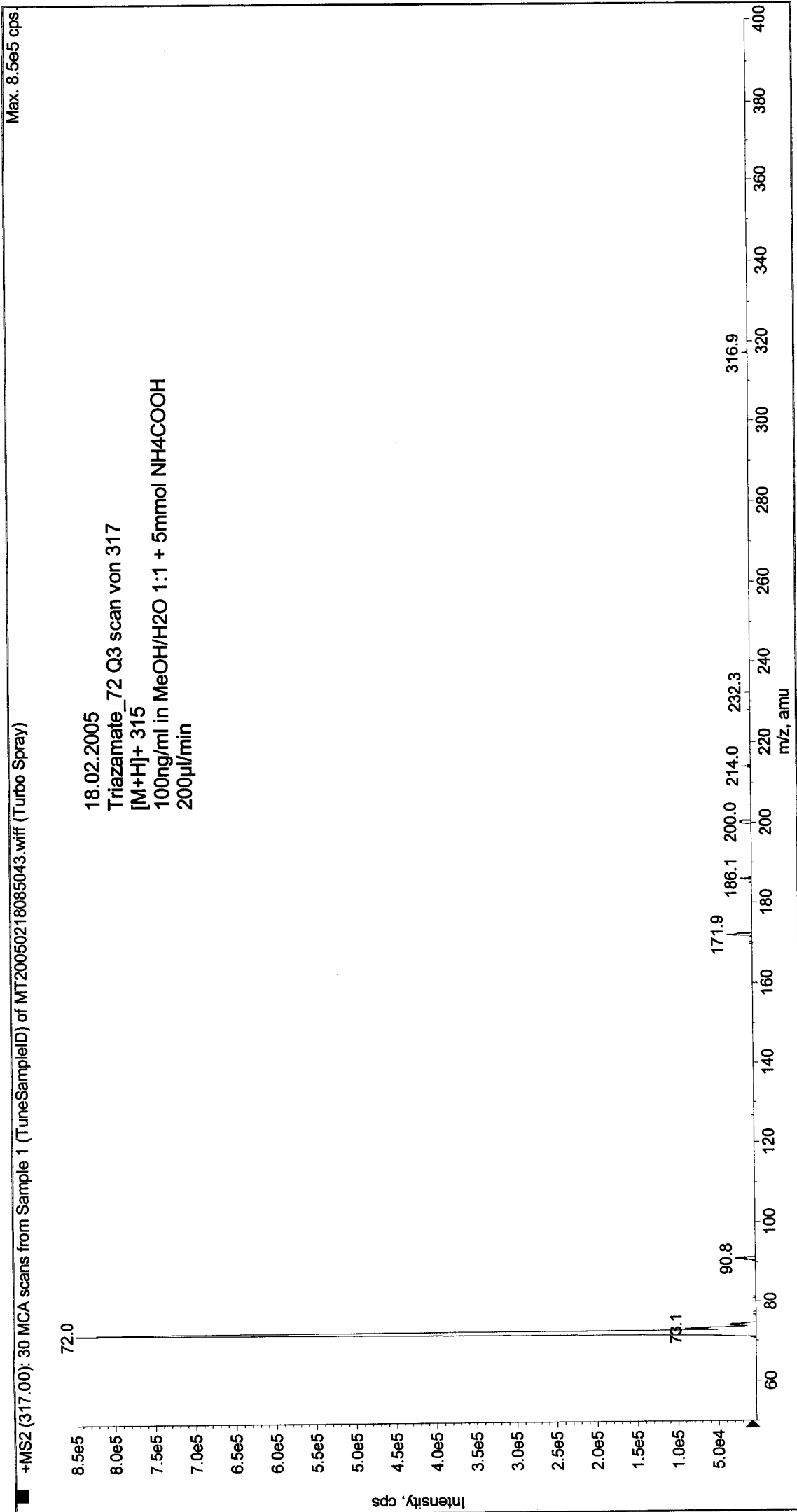
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Batch Name: ManualTune.bat



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Acq. File: MT20050218085043.wiff

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Batch Name: ManualTune.bat



Printing Time: 8:43:13  
Printing Date: Friday, February 18, 2005

Acq. me: 08:42  
Acq. Date: Friday, February 18, 2005  
Acq. File: MT20050218084210.wiff

Sample Comment:  
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Batch Name: ManualTune.bat

