

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

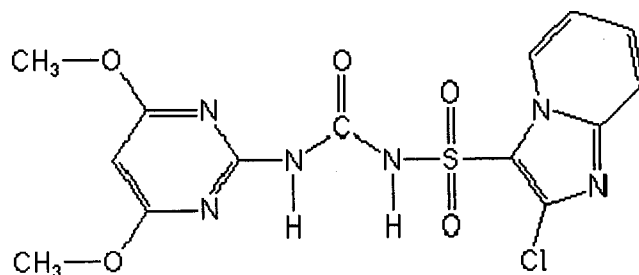
### Analyte: Imazosulfuron

CAS No.: 122548-33-8

Formula: C<sub>14</sub>H<sub>13</sub>ClN<sub>6</sub>O<sub>5</sub>S

Molecular mass (lowest isotopes): 412,04 amu

Structure:



Ionisation: ESI +

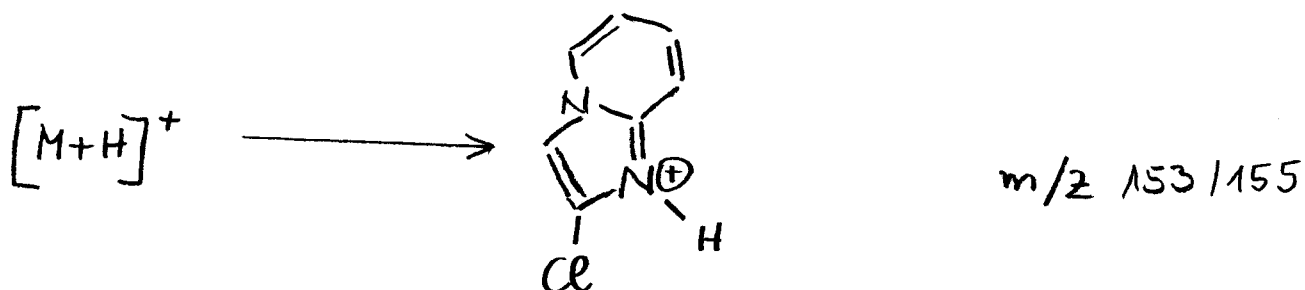
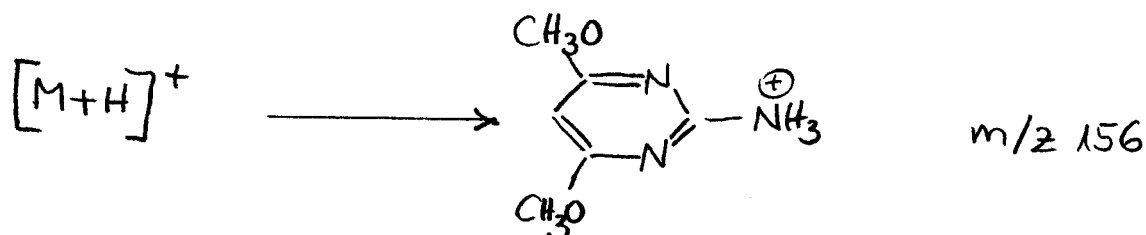
Quasimolecular ion: 413,0 amu = [M+H]<sup>+</sup>

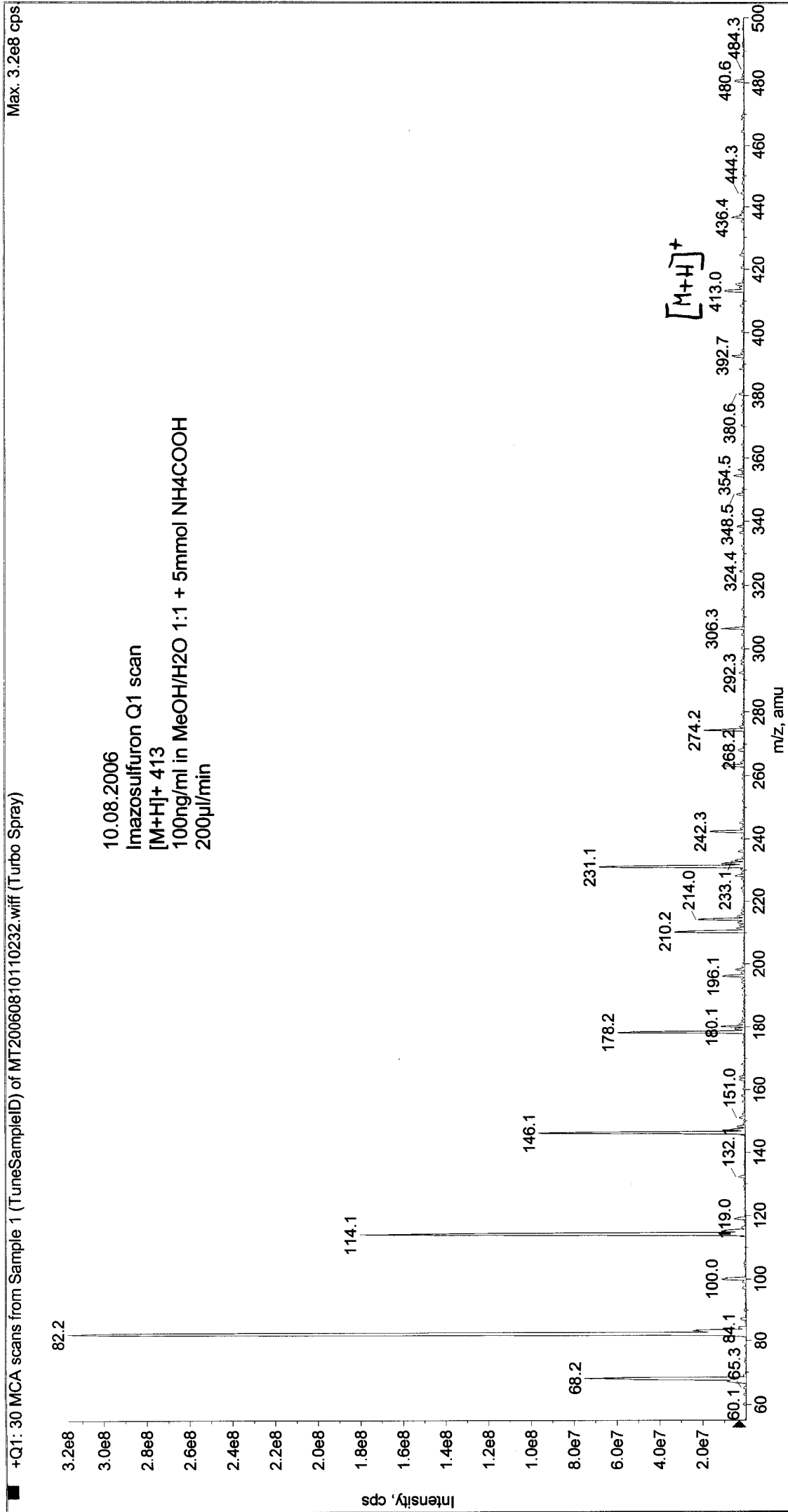
Analyte sensitive parameter set (API 2000)

Transition	413,0 → 153,0	413,0 → 156,0
Declustering potential (DP) <sup>*)</sup>	26 V	26 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	7 V	9,5 V
Collision cell entrance potential (CEP)	28 V	26 V
Collision energy (CE)	19 V	27 V
Collision cell exit potential (CXP)	8 V	8 V

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

### Fragmentation

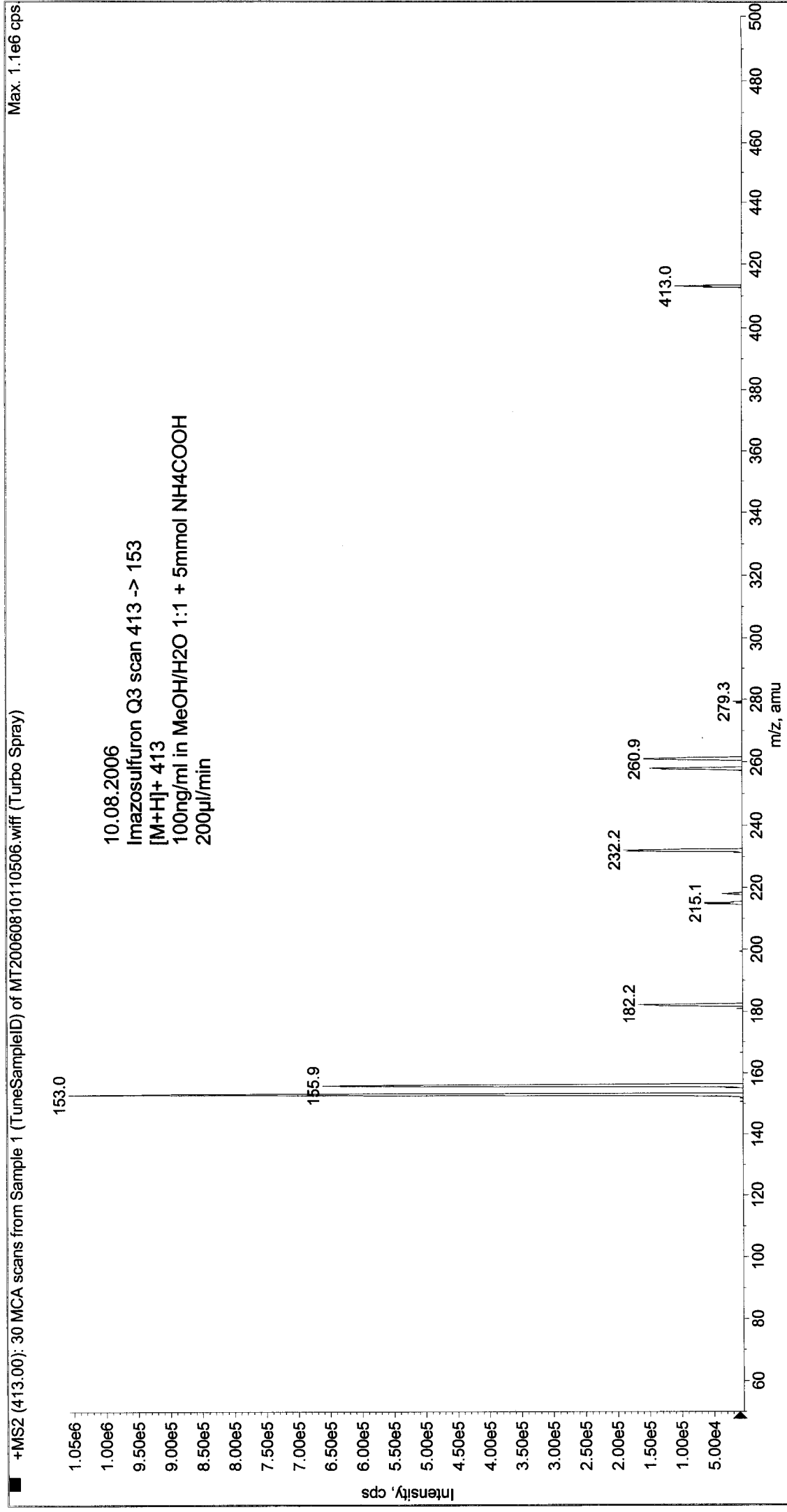




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Printing Date: Thursday, August 10, 2006

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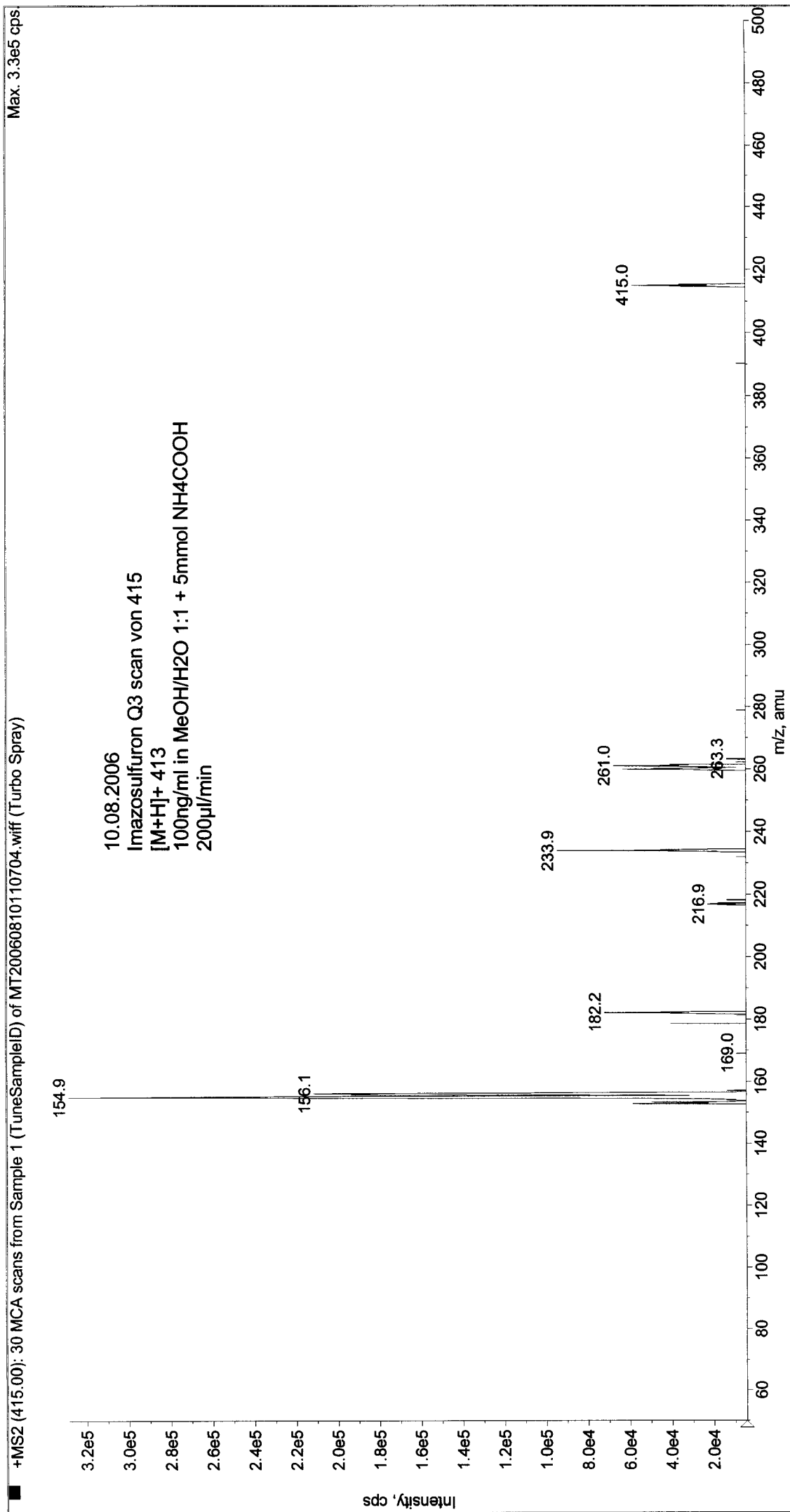
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Sample Name: TuneSampleID  
Batch Name: ManualTune.bat



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Printing Date: Thursday, August 10, 2006

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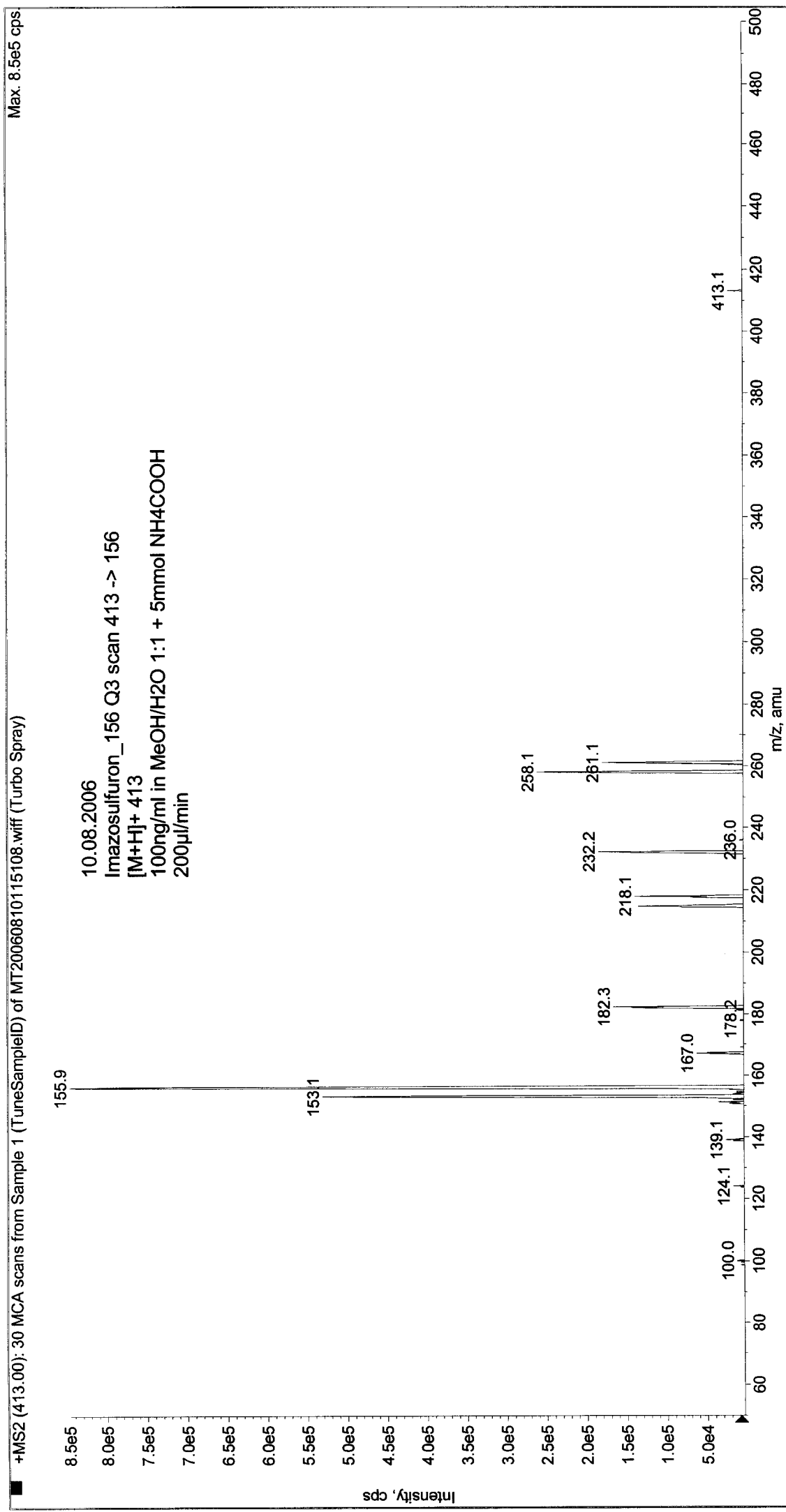
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Acq. Time: 11:51  
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Acq. File: MT20060810115108.wiff

Sample Comment:  
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Batch Name: ManualTune.bat



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Printing Date: Thursday, August 10, 2006

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

