

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

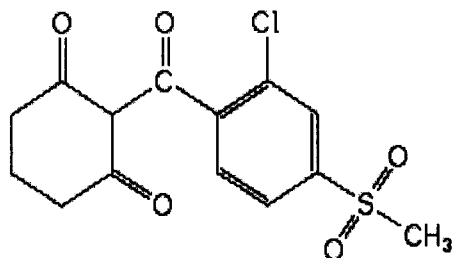
### Analyte: Sulcotrione

CAS No.: 99105-77-8

Formula: C<sub>14</sub>H<sub>13</sub>ClO<sub>5</sub>S

Molecular mass (lowest isotopes): 328,02 amu

Structure:



Ionisation: ESI +

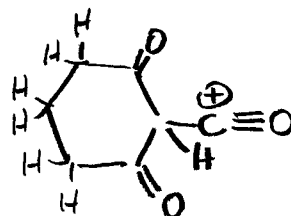
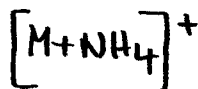
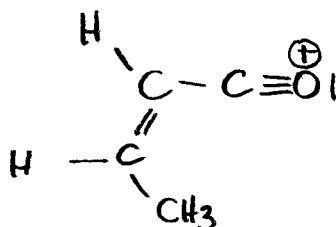
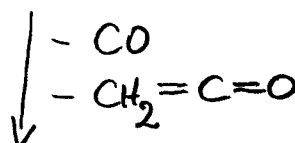
Quasimolecular ion: 346,0 amu = [M+NH<sub>4</sub>]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	346,0 → 139,0	346,0 → 69,0
Declustering potential (DP) <sup>*)</sup>	41 V	41 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,0 V	10,0 V
Collision cell entrance potential (CEP)	22 V	20 V
Collision energy (CE)	31 V	67 V
Collision cell exit potential (CXP)	8 V	10 V

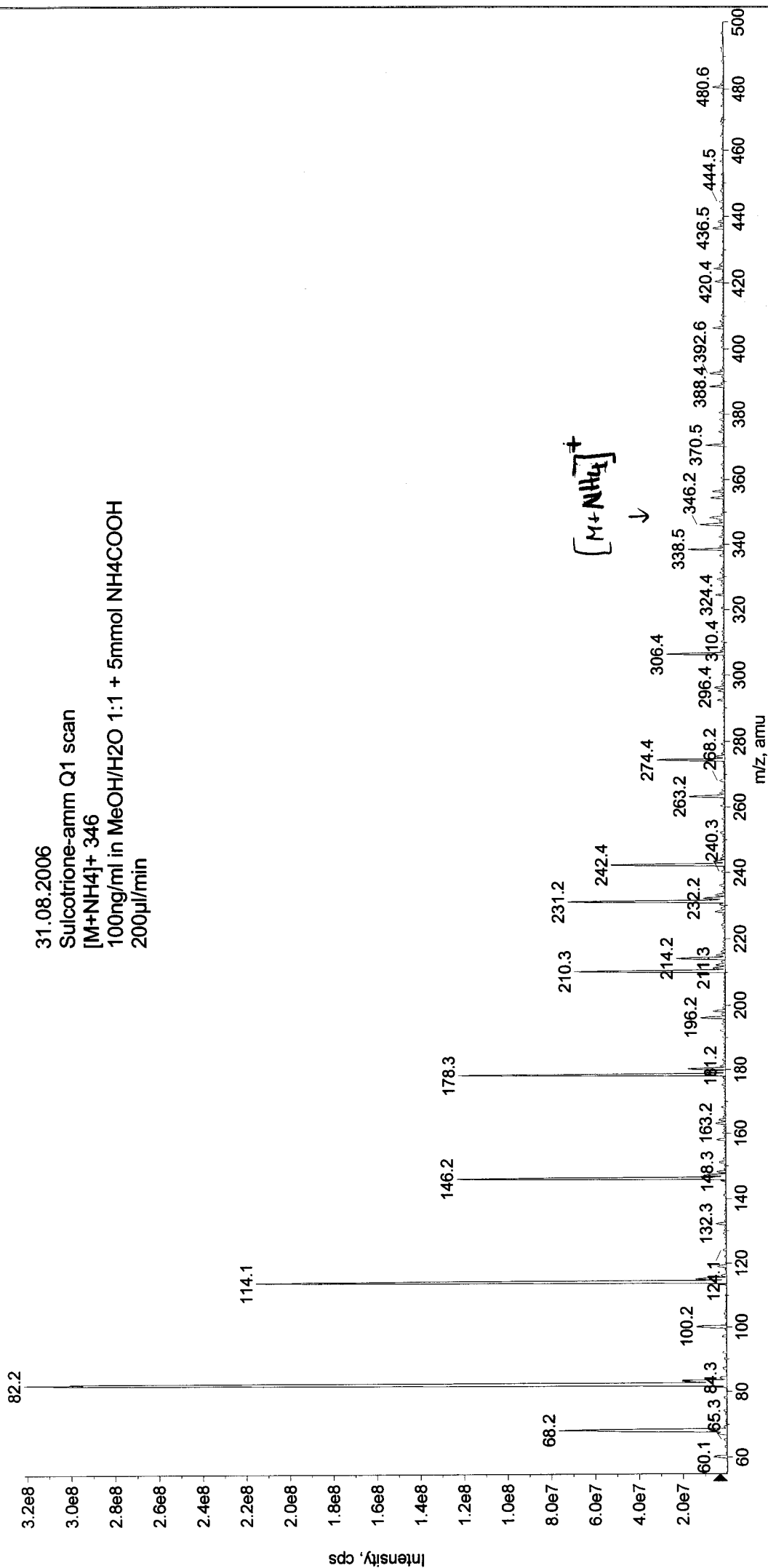
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation

 $m/z$  139 $m/z$  69

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060831090642.wiff (Turbo Spray)

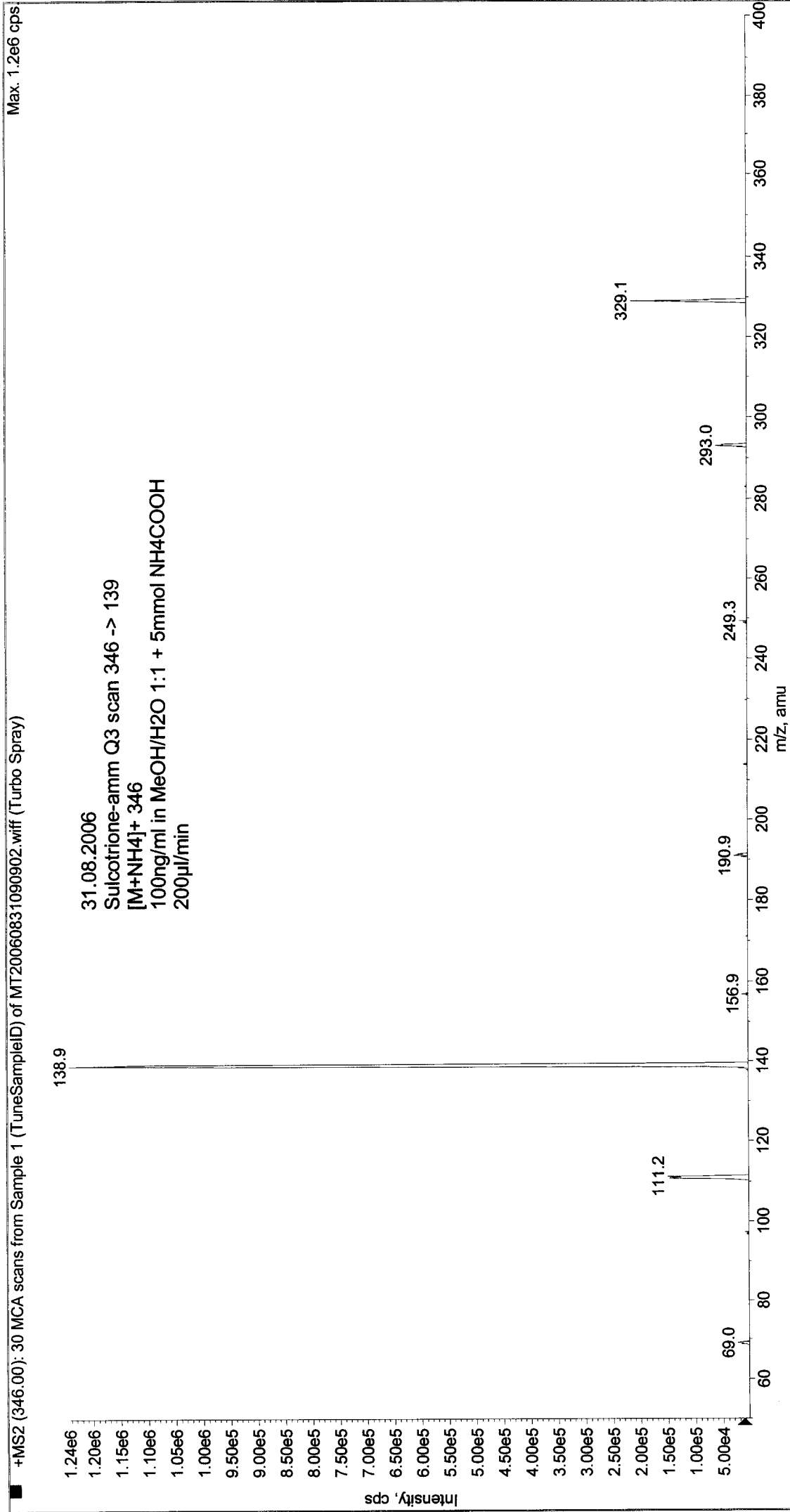
Max. 3.2e8 cps

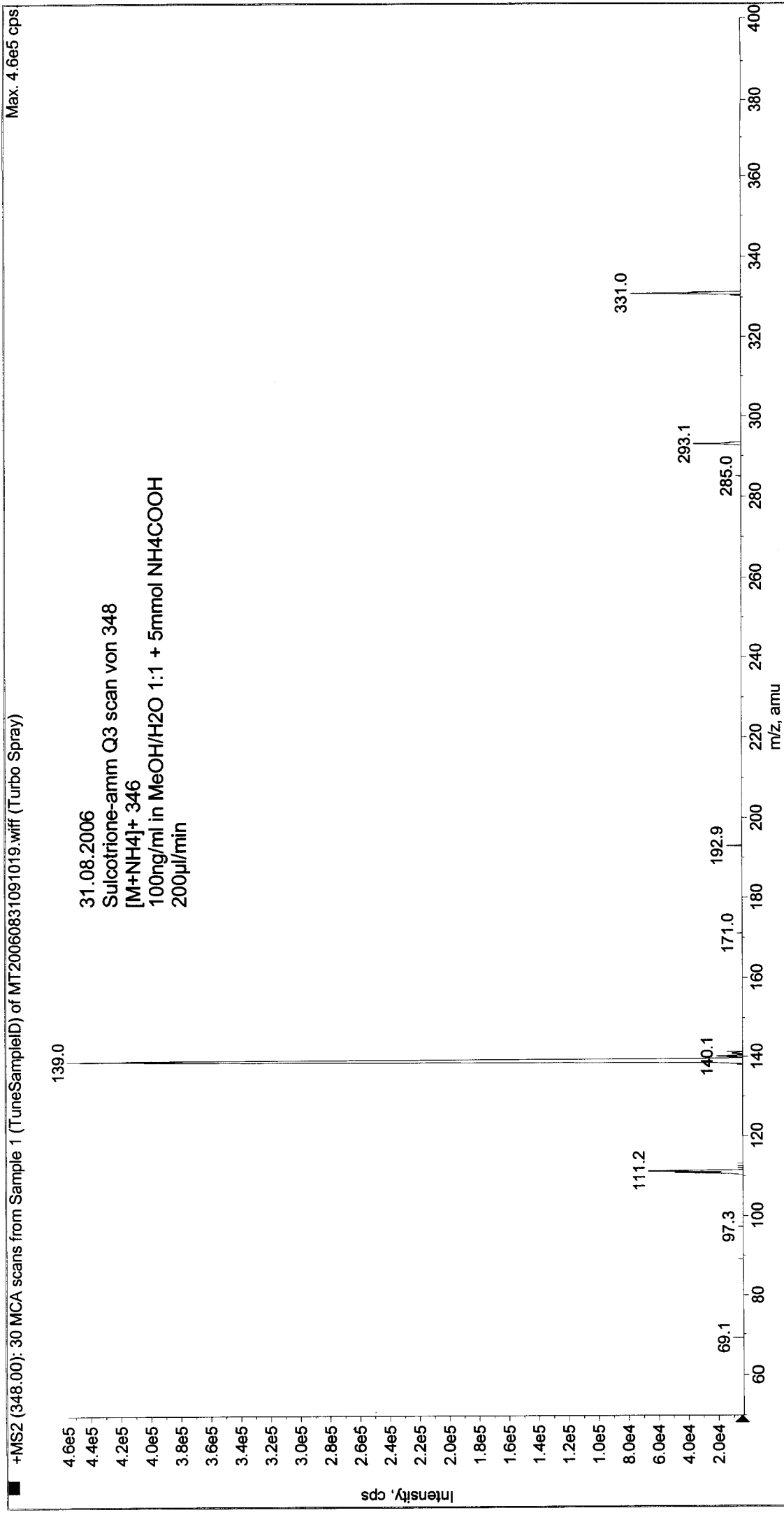


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Printing Date: Thursday, August 31, 2006

Acq. Time: 09:09  
Acq. Date: Thursday, August 31, 2006  
Acq. File: MT20060831090902.wiff

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





Printing Time: 9:18:11

Printing Date: Thursday, August 31, 2006

Acq. Time: 09:17

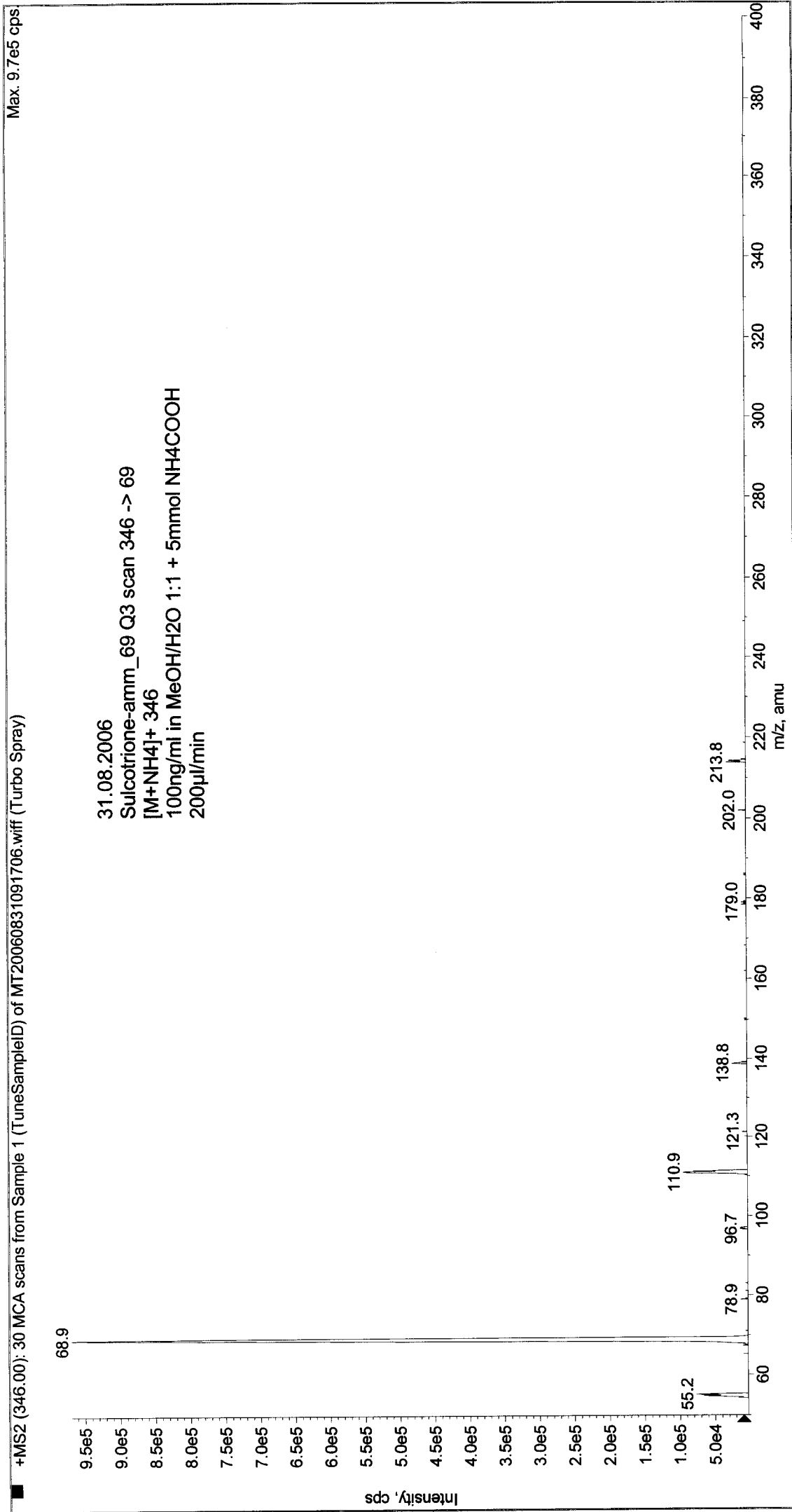
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Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat



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Printing Date: Thursday, August 31, 2006

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Acq. Date: Thursday, August 31, 2006

Acq. File: MT20060831091823.wiff

Sample Comment:  
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