

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

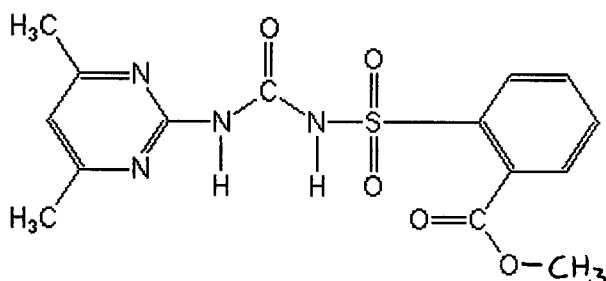
### Analyte: Sulfometuron-methyl

CAS No.: 74222-97-2

Formula: C<sub>15</sub>H<sub>16</sub>N<sub>4</sub>O<sub>5</sub>S

Molecular mass (lowest isotopes): 364,08 amu

Structure:



Ionisation: ESI +

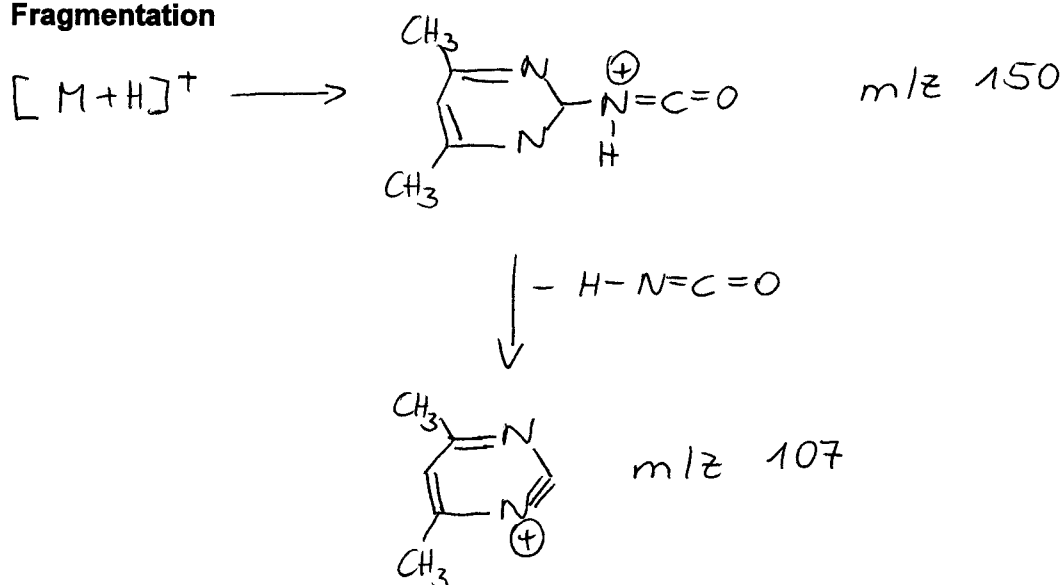
Quasimolecular ion: 365,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	365,1 → 150,1	365,1 → 107,1
Declustering potential (DP) <sup>*)</sup>	54V	54 V
Focusing potential (FP)	370 V	350 V
Entrance potential (EP)	9,5 V	10,5 V
Collision cell entrance potential (CEP)	26 V	22 V
Collision energy (CE)	23 V	29 V
Collision cell exit potential (CXP)	8 V	8 V

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

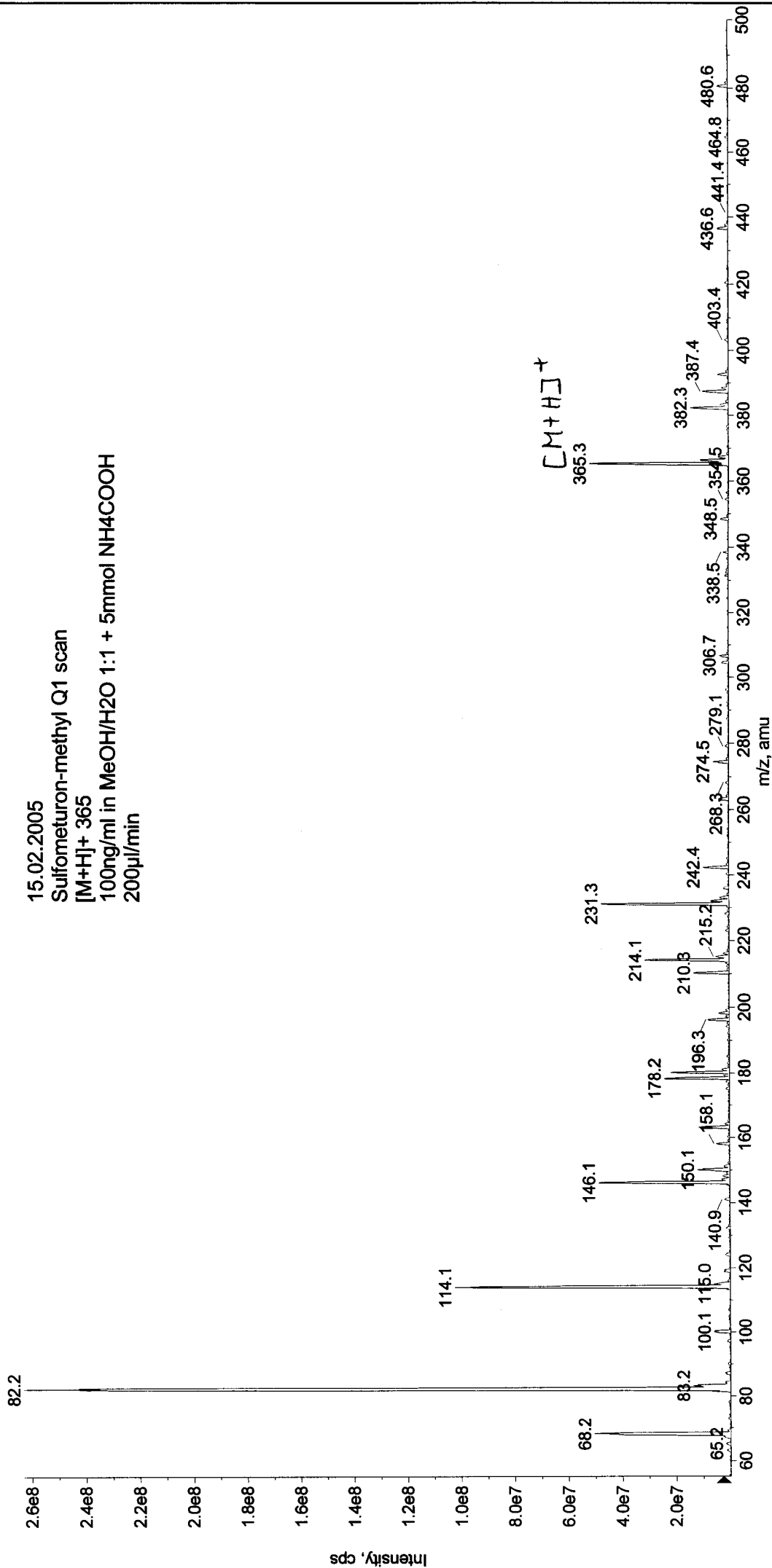
### Fragmentation



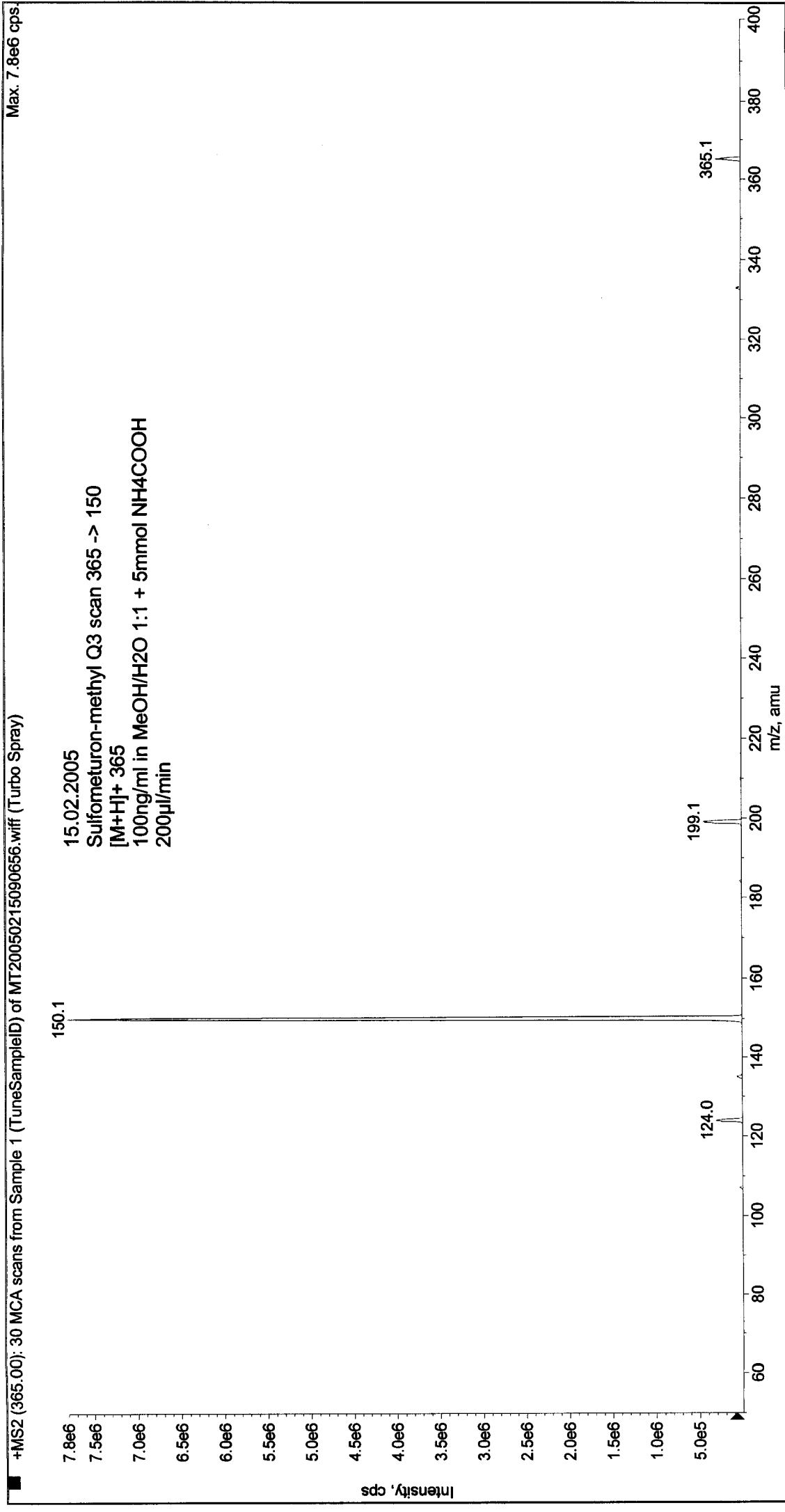


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050215090451.wiff (Turbo Spray)

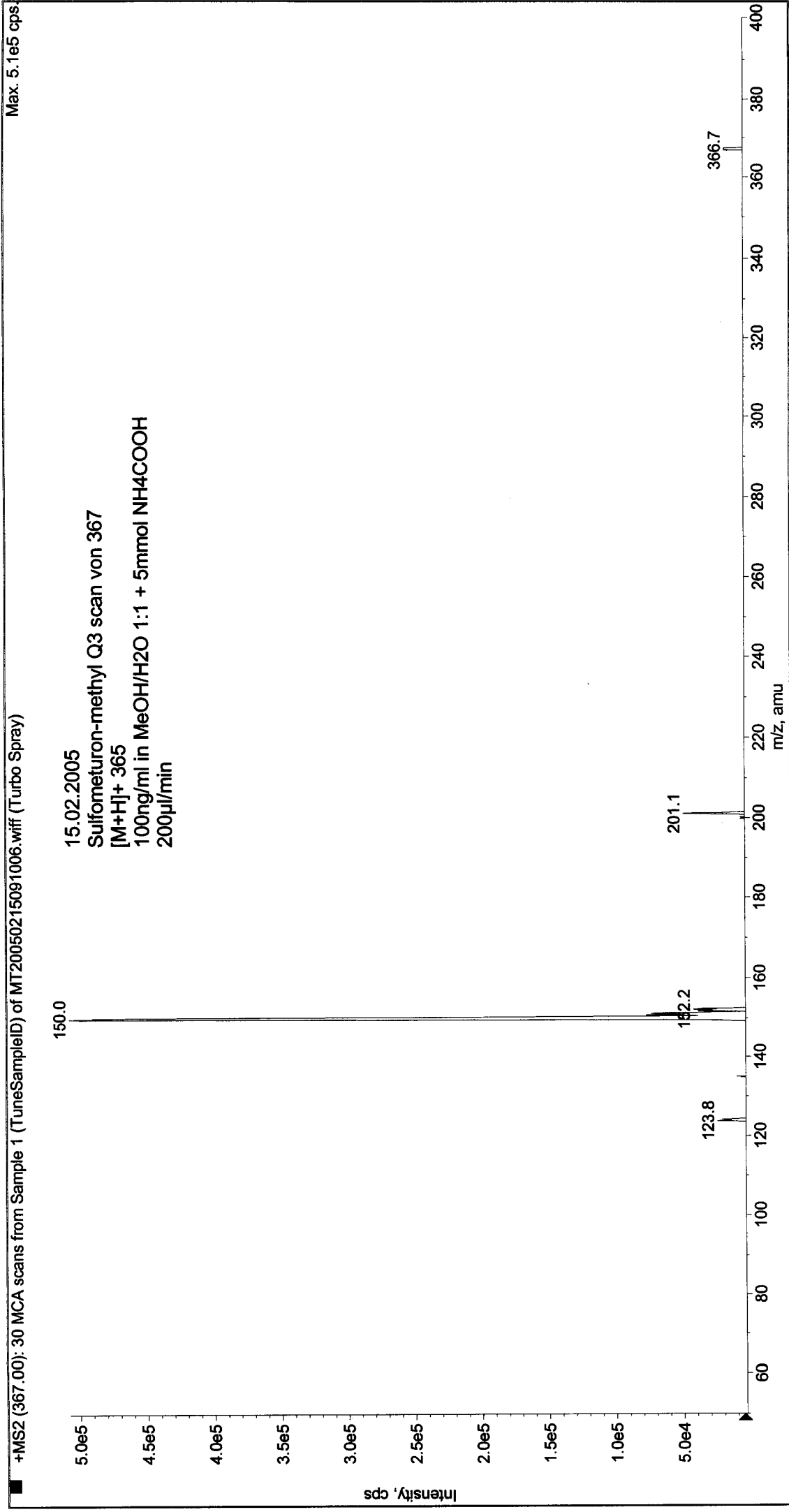
Max. 2.6e8 cps.













Printing Time: 9:17:56

Printing Date: Tuesday, February 15, 2005

Acq. Time: 09:16

Acq. Date: Tuesday, February 15, 2005

Acq. File: MT20050215091651.wiff

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

