

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

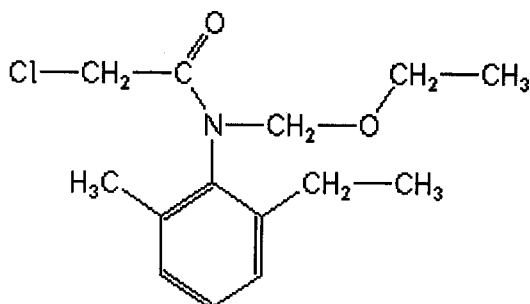
### Analyte: Acetochlor

CAS No.: 34256-82-1

Formula: C<sub>14</sub>H<sub>20</sub>ClNO<sub>2</sub>

Molecular mass (lowest isotopes): 269,12 amu

Structure:



Ionisation: ESI +

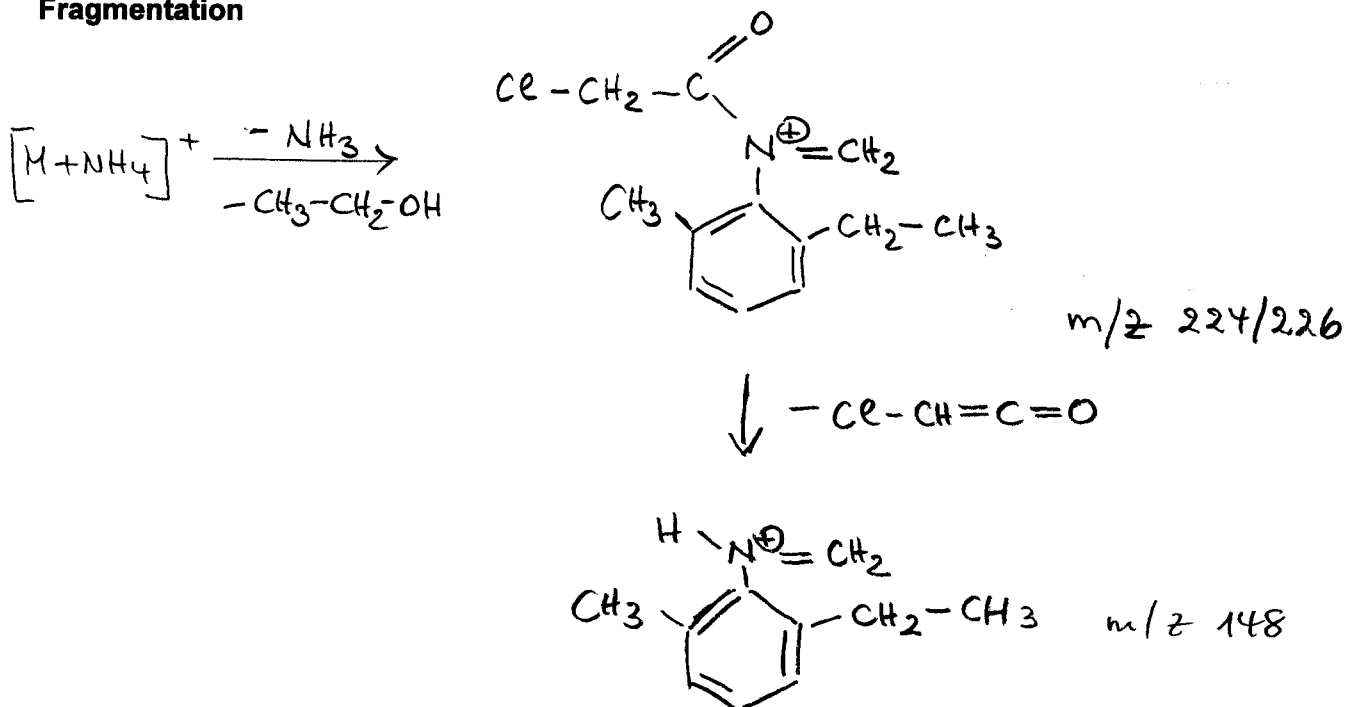
Quasimolecular ion: 287,1 amu = [M+NH<sub>4</sub>]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	287,1 → 224,0	287,1 → 148,1
Declustering potential (DP) <sup>*)</sup>	29 V	29 V
Focusing potential (FP)	370 V	330 V
Entrance potential (EP)	11,5 V	11,5 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	15 V	31 V
Collision cell exit potential (CXP)	12 V	8 V

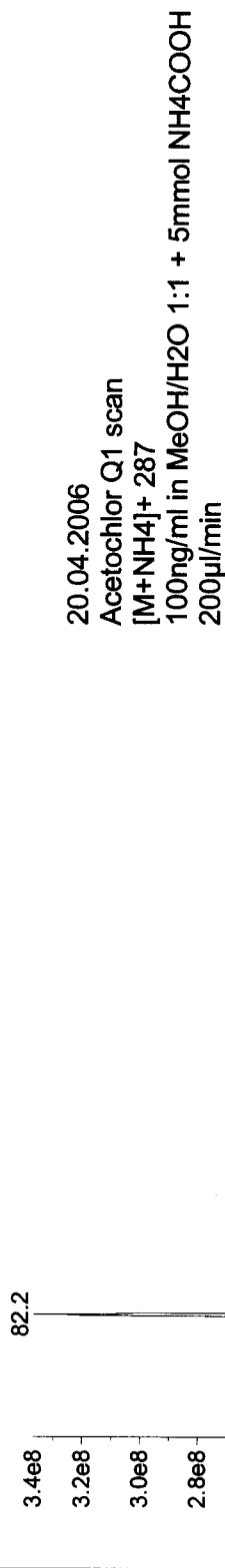
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

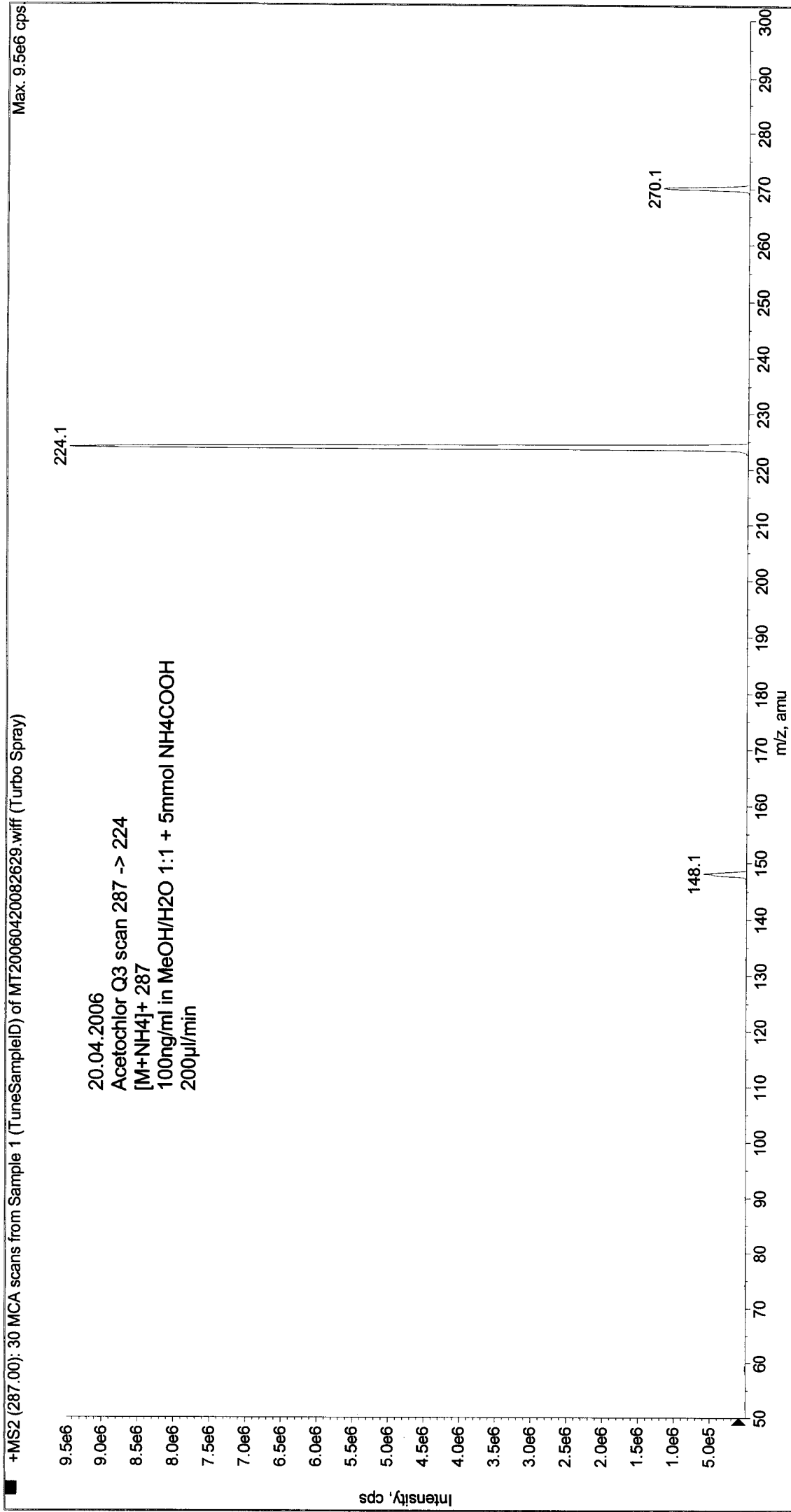
### Fragmentation

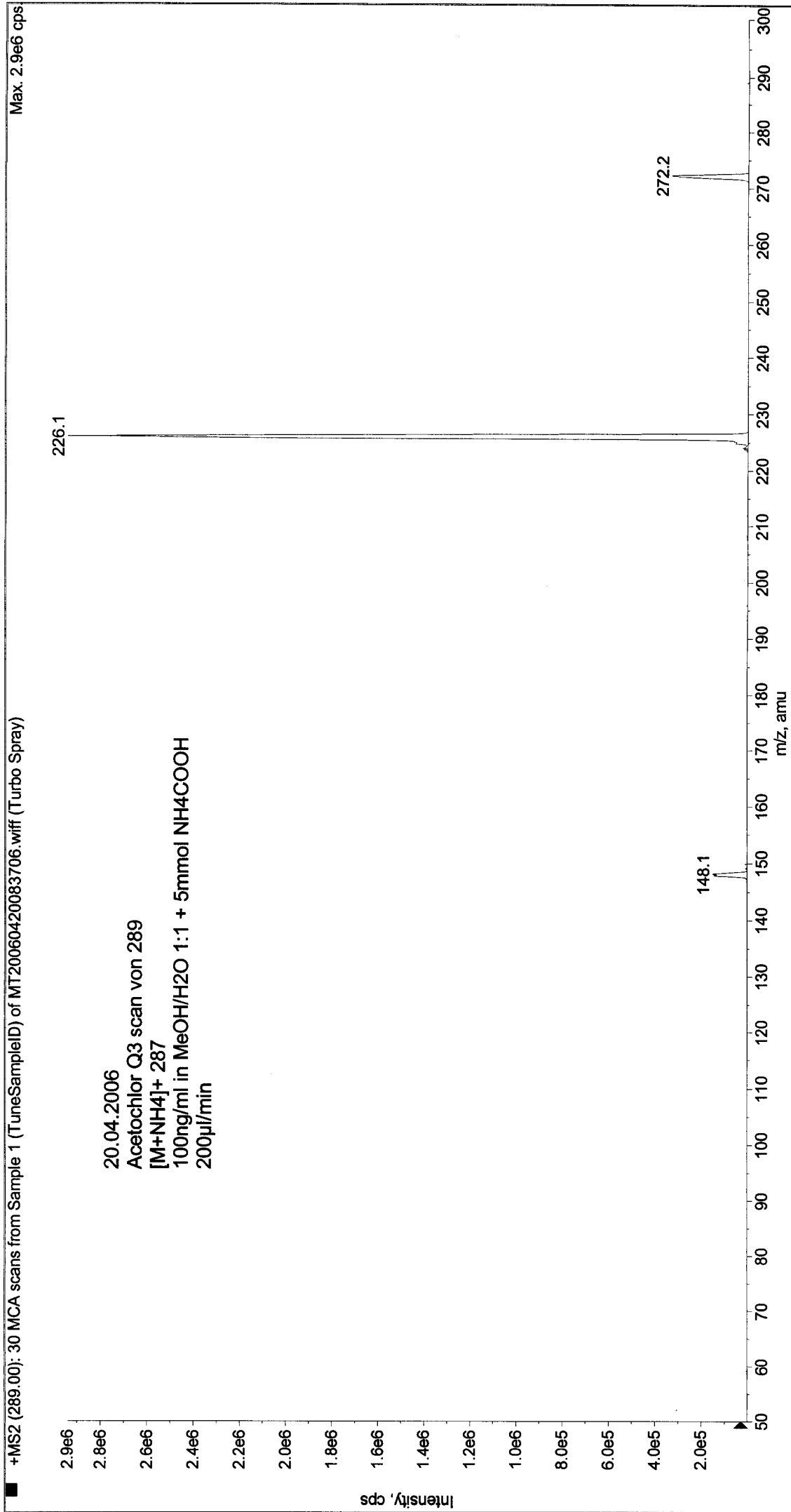


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060420082003.wiff (Turbo Spray)

Max. 3.4e8 cps



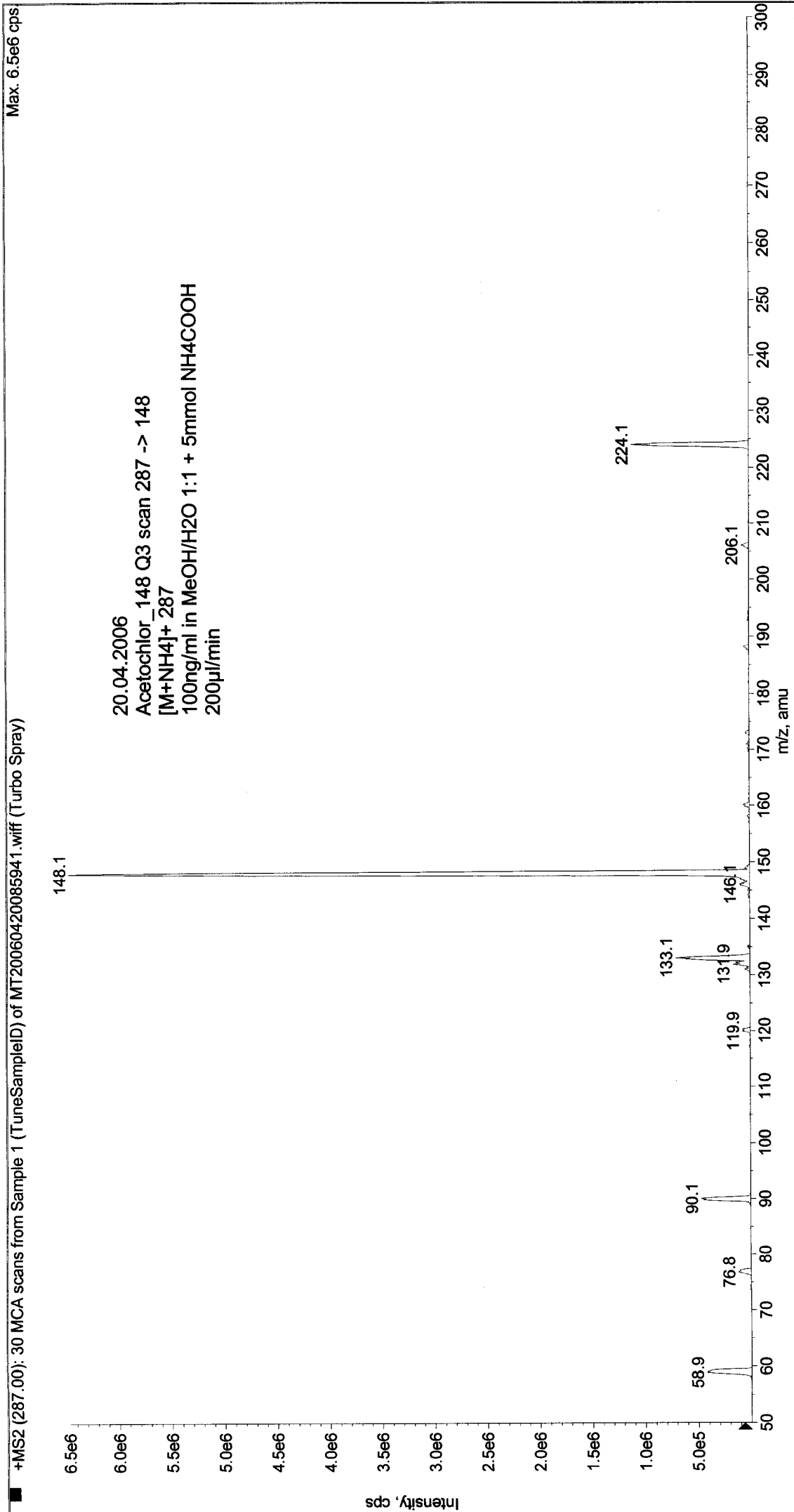




Printing Time: 9:00:58  
Printing Date: Thursday, April 20, 2006

Acq. Time: 08:59  
Acq. Date: Thursday, April 20, 2006  
Acq. File: MT20060420085941.wiff

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



Printing Time: 9:02:13  
Printing Date: Thursday, April 20, 2006

Acq. Time: 09:01  
Acq. Date: Thursday, April 20, 2006  
Acq. File: MT20060420090117.wiff

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

