

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

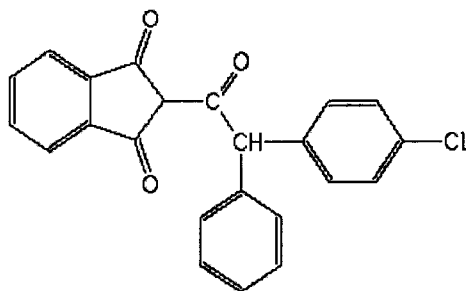
### Analyte: Chlorphacinone

CAS No.: 3691-35-8

Formula: C<sub>23</sub>H<sub>15</sub>ClO<sub>3</sub>

Molecular mass (lowest isotopes): 374,07 amu

Structure:



Ionisation: ESI -

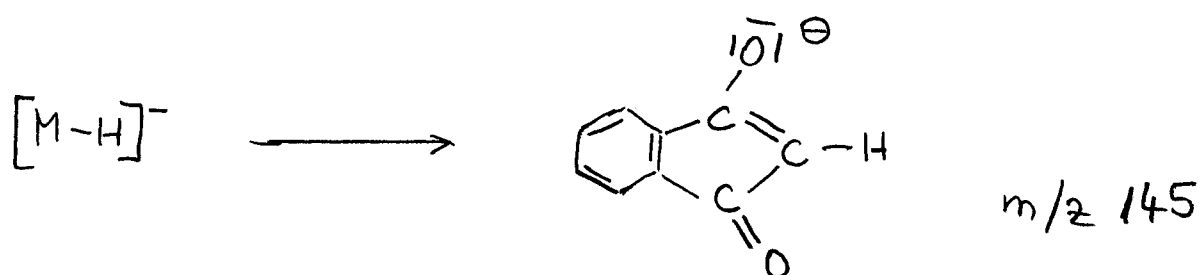
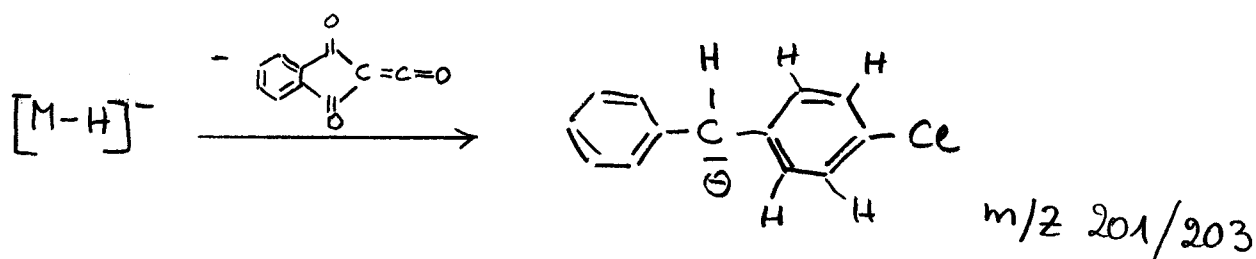
Quasimolecular ion: 373,07 amu = [M-H]<sup>-</sup>

Analyte sensitive parameter set (API 2000)

Transition	373,1 → 201,0	373,1 → 145,1
Declustering potential (DP) <sup>*)</sup>	-66 V	-66 V
Focusing potential (FP)	-350 V	-350 V
Entrance potential (EP)	-10 V	-10 V
Collision cell entrance potential (CEP)	-26 V	-26 V
Collision energy (CE)	-28 V	-28 V
Collision cell exit potential (CXP)	-14 V	-10 V

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

### Fragmentation



Printing Time: 10:37:28

Printing Date: Tuesday, August 29, 2006

Acq. Time: 10:34

Acq. Date: Tuesday, August 29, 2006

Acq. File: MT20060829103455.wiff

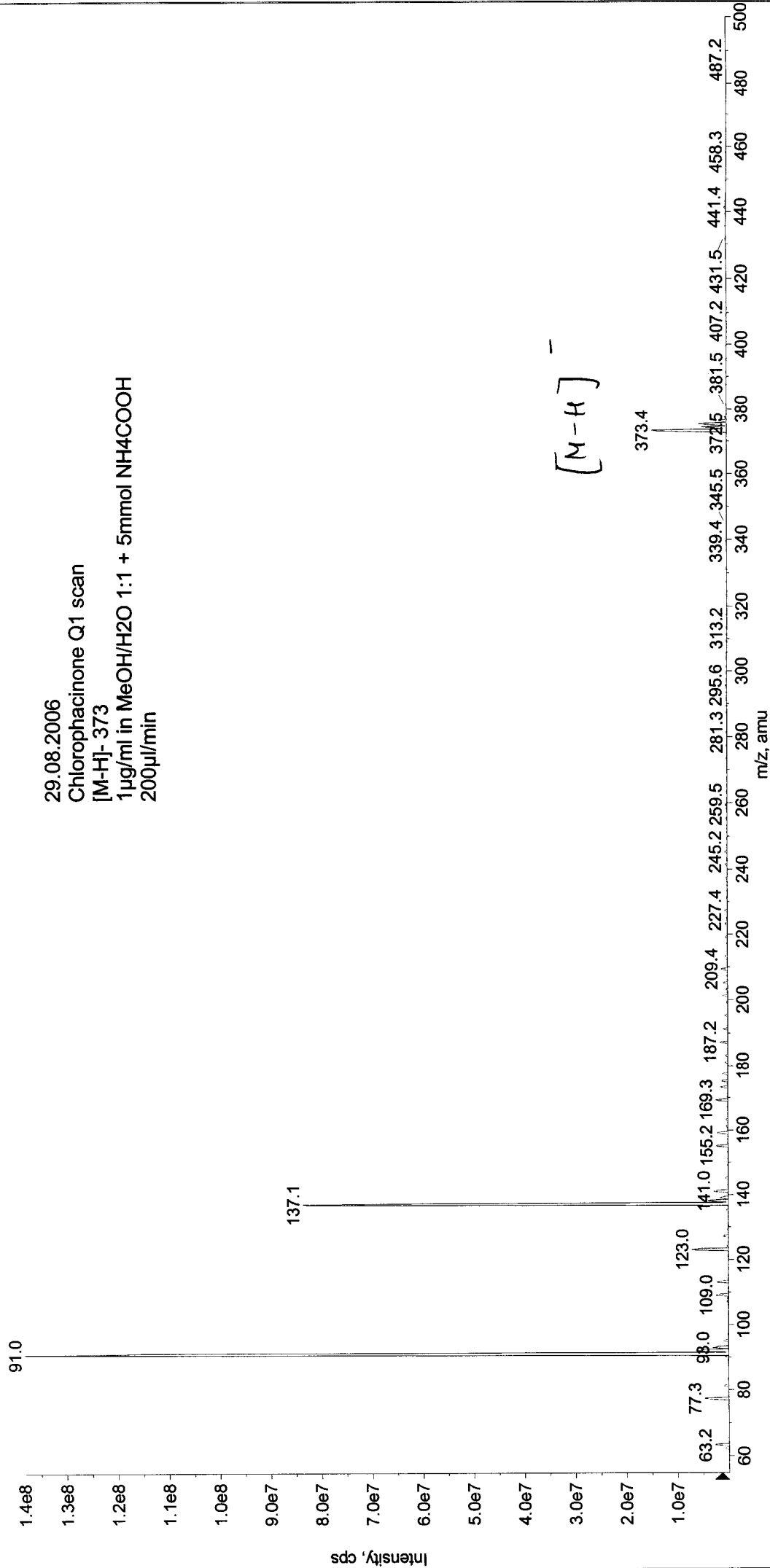
Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060829103455.wiff (Turbo Spray)

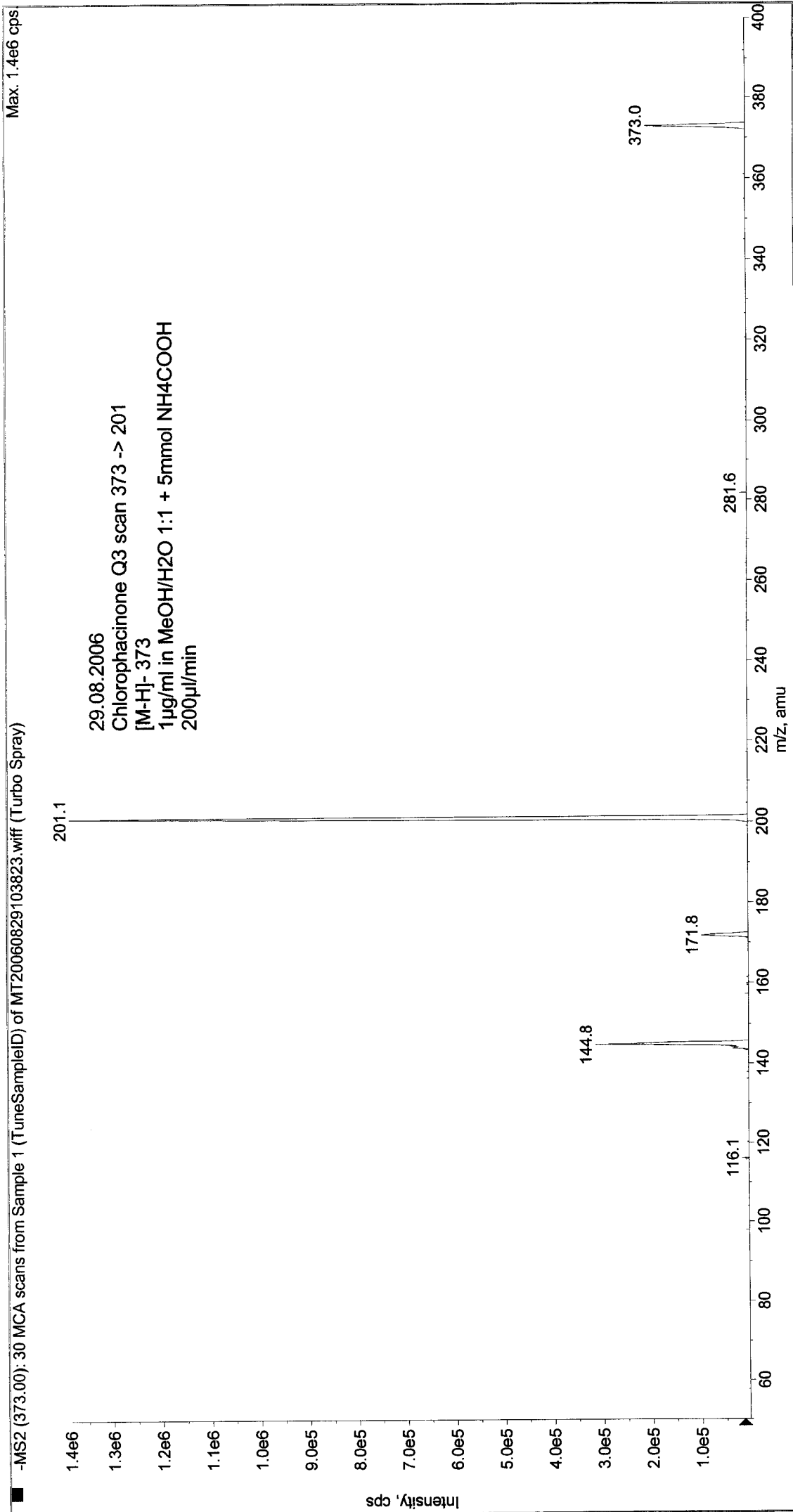
Max. 1.4e8 cps



Printing Time: 10:39:30  
Printing Date: Tuesday, August 29, 2006

Acq. Time: 10:38  
Acq. Date: Tuesday, August 29, 2006  
Acq. File: MT20060829103823.wiff

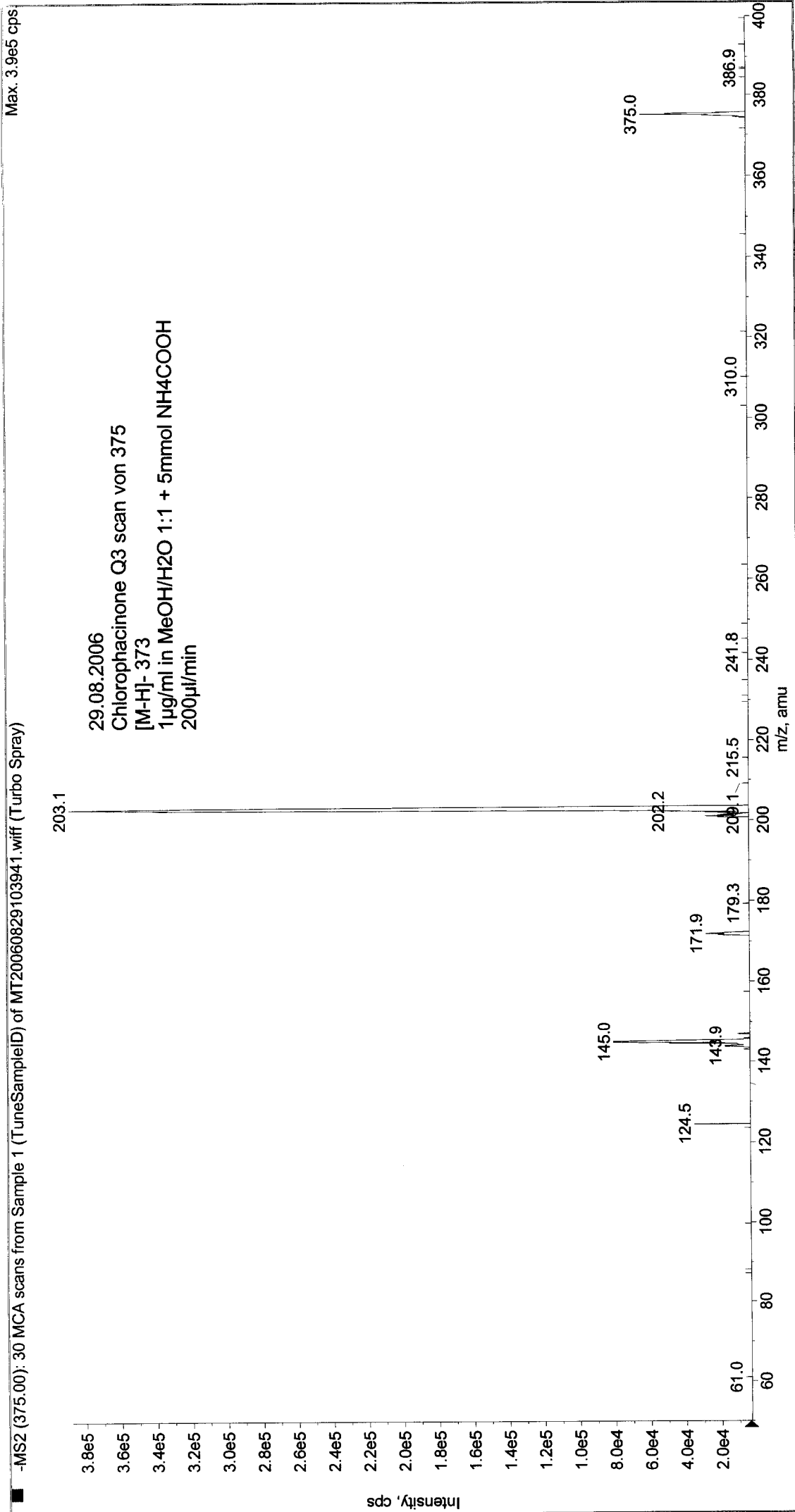
Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat



Printing Time: 10:40:37  
Printing Date: Tuesday, August 29, 2006

Acq. Time: 10:39  
Acq. Date: Tuesday, August 29, 2006  
Acq. File: MT20060829103941.wiff

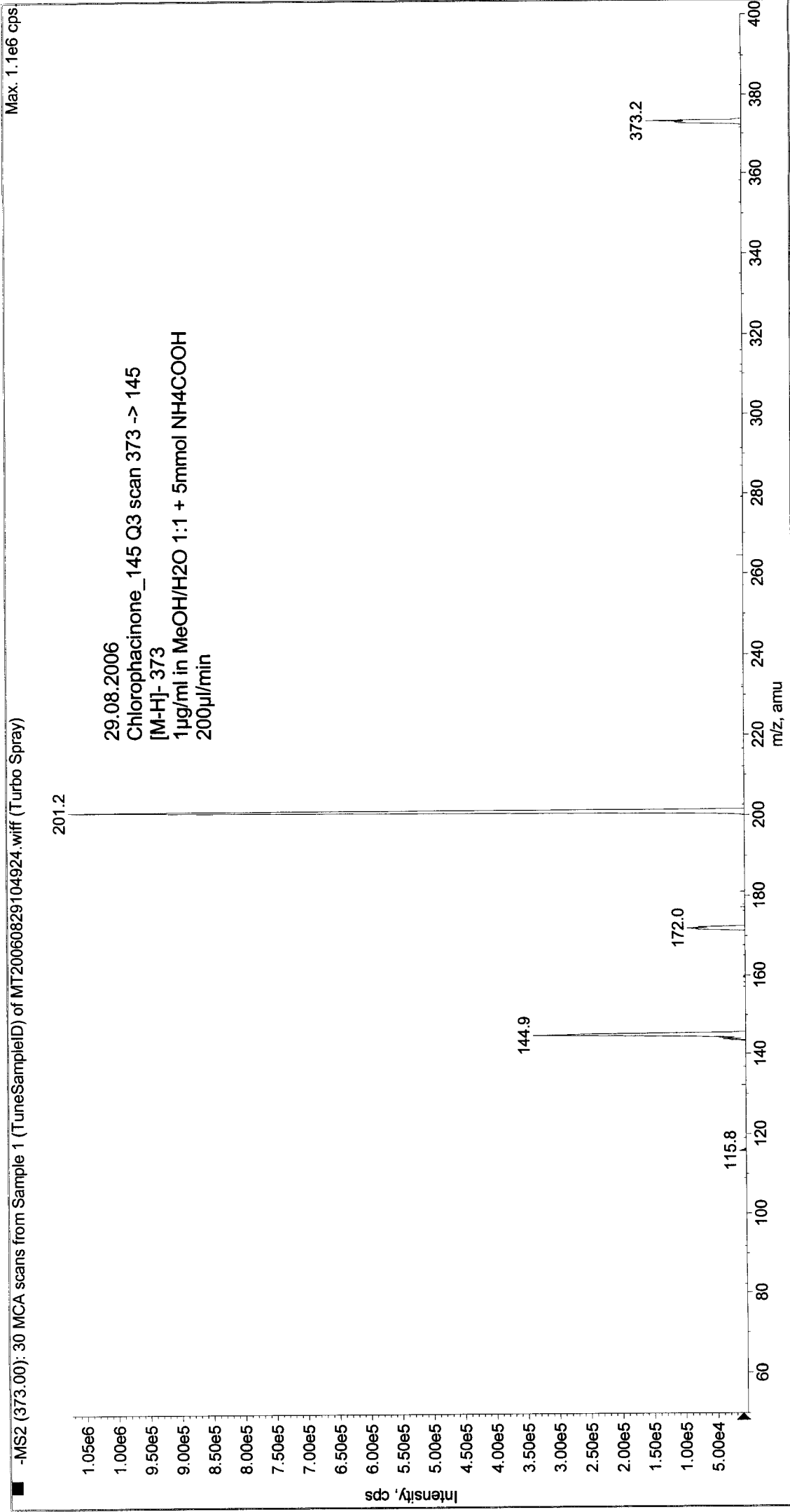
Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat



Printing Time: 10:50:43  
Printing Date: Tuesday, August 29, 2006

Acq. Time: 10:49  
Acq. Date: Tuesday, August 29, 2006  
Acq. File: MT20060829104924.wiff

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



Printing Time: 10:51:55  
Printing Date: Tuesday, August 29, 2006

Acq. Time: 10:50  
Acq. Date: Tuesday, August 29, 2006  
Acq. File: MT20060829105055.wiff

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

