

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

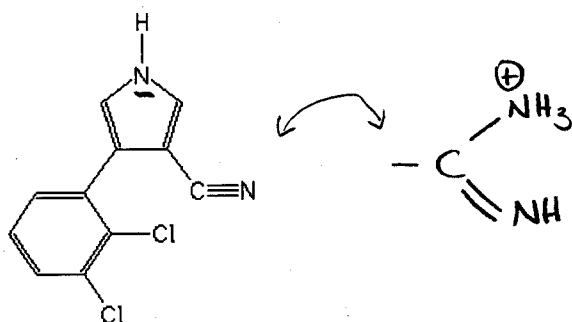
### Analyte: Fenpiclonil

CAS No.: 74738-17-3

Formula: C<sub>11</sub>H<sub>6</sub>Cl<sub>2</sub>N<sub>2</sub>

Molecular mass (lowest isotopes): 235,99 amu

Structure:



Ionisation: ESI +

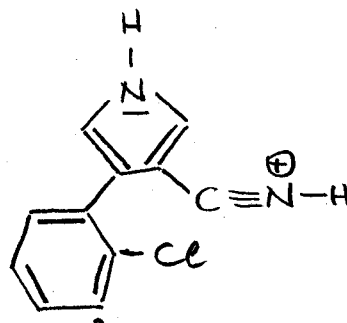
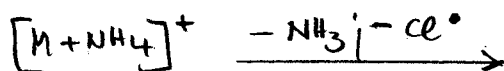
Quasimolecular ion: 253,9 amu = [M+NH<sub>4</sub>]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

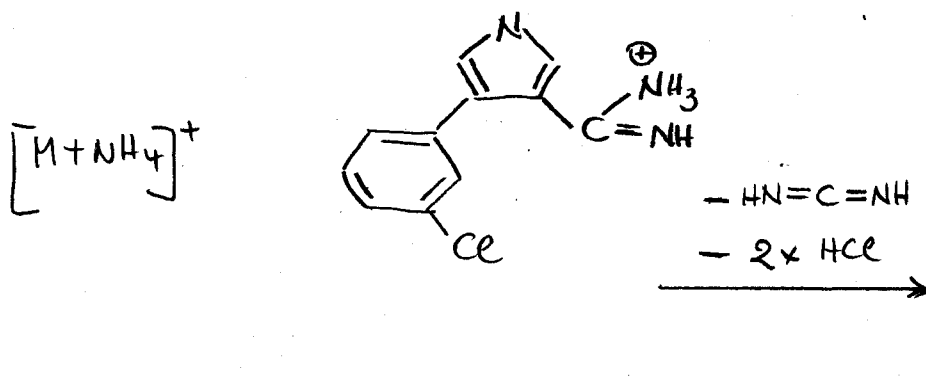
Transition	253,9 → 202,1	253,9 → 140,0
Declustering potential (DP) <sup>*)</sup>	1 V	1 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	10,0 V	9,0 V
Collision cell entrance potential (CEP)	18 V	16 V
Collision energy (CE)	35 V	57 V
Collision cell exit potential (CXP)	10 V	6 V

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

### Fragmentation



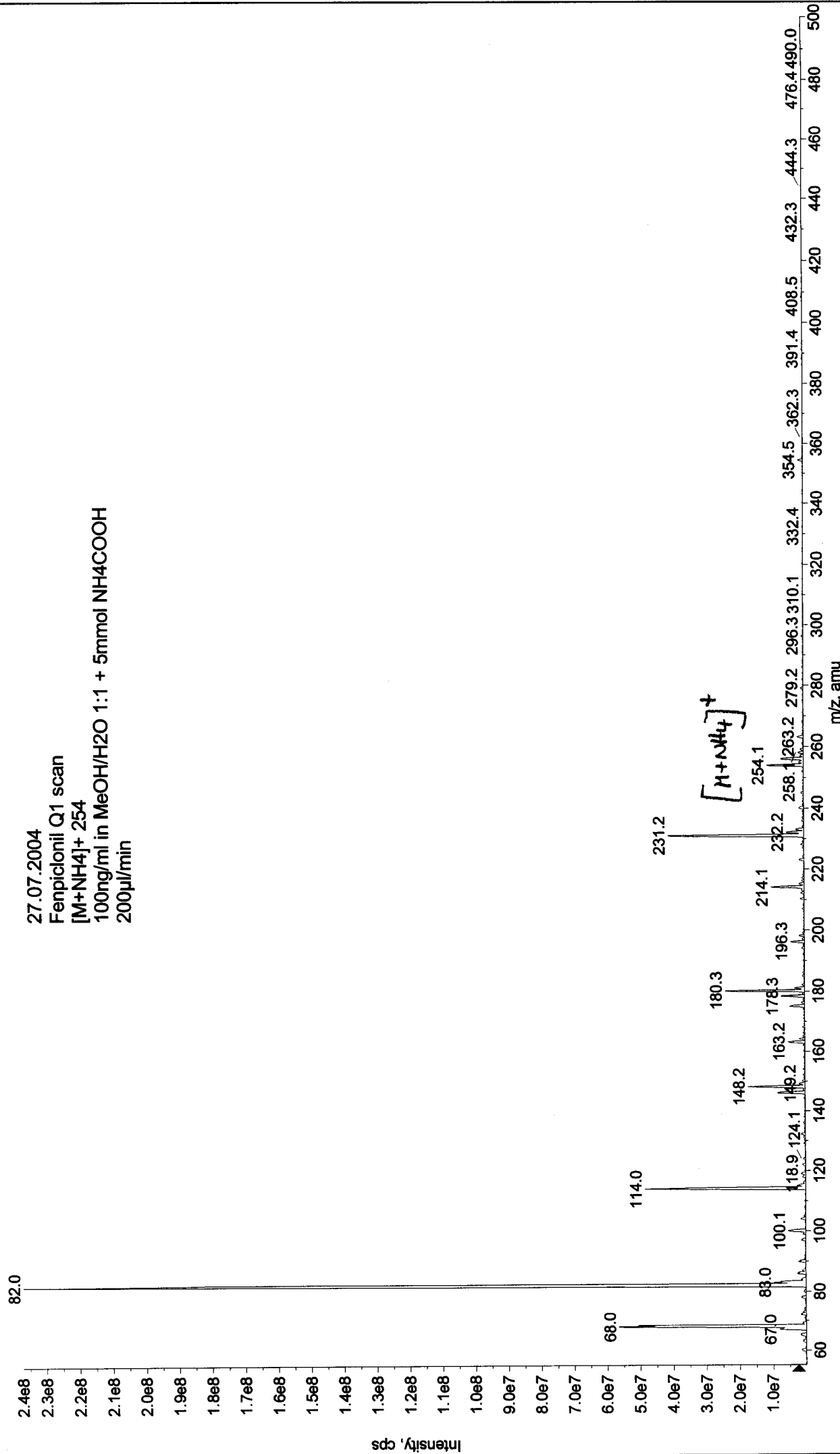
m/z 202 (204)



m/z 140

Max. 2.4e8 cps

■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040727134233.wiff (Turbo Spray)



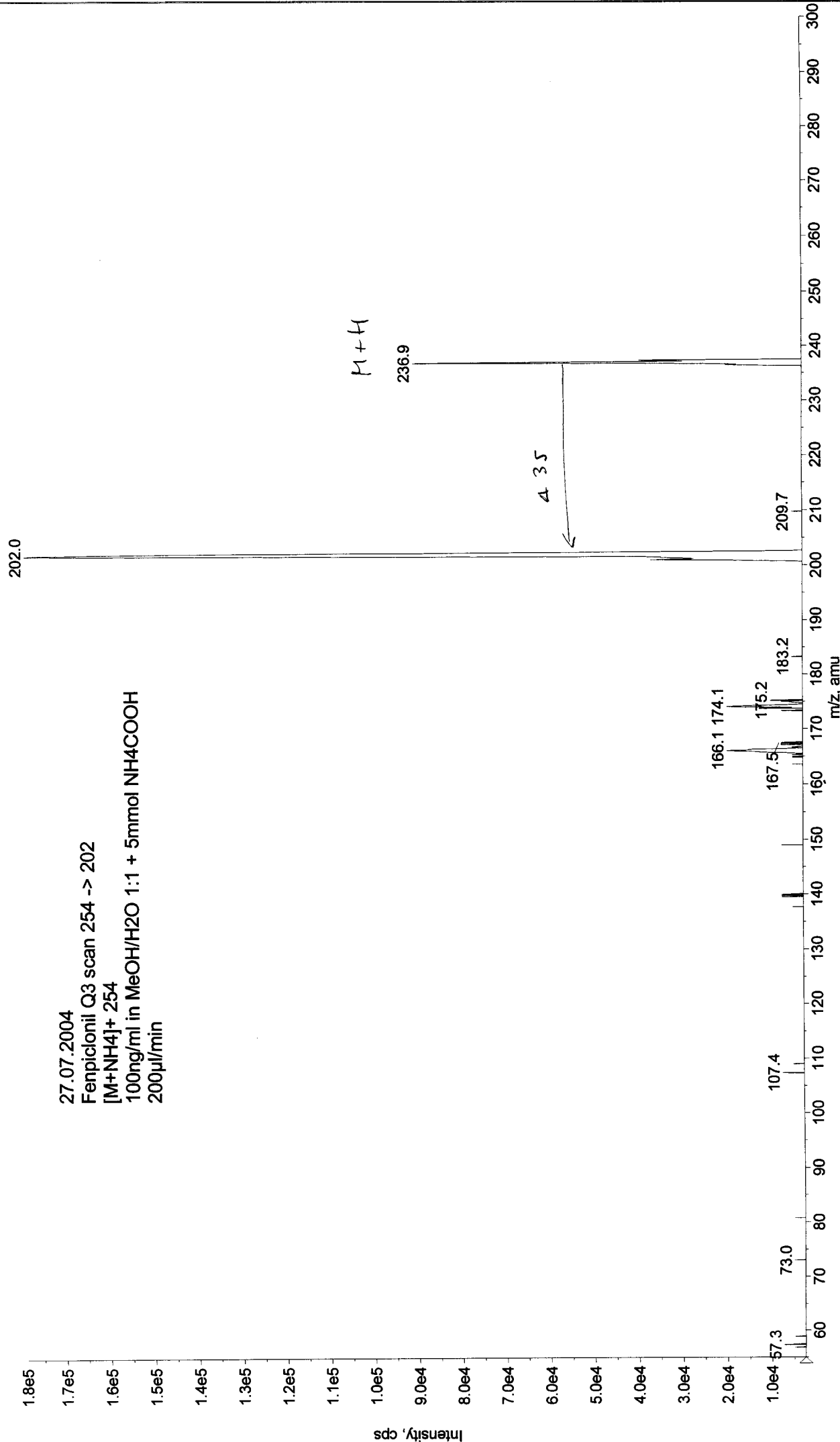
Printing Time: 13:46:35  
Printing Date: Tuesday, July 27, 2004

Acq Time: 13:45  
Acq Date: Tuesday, July 27, 2004  
Acq File: MT20040727134518.wiff

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

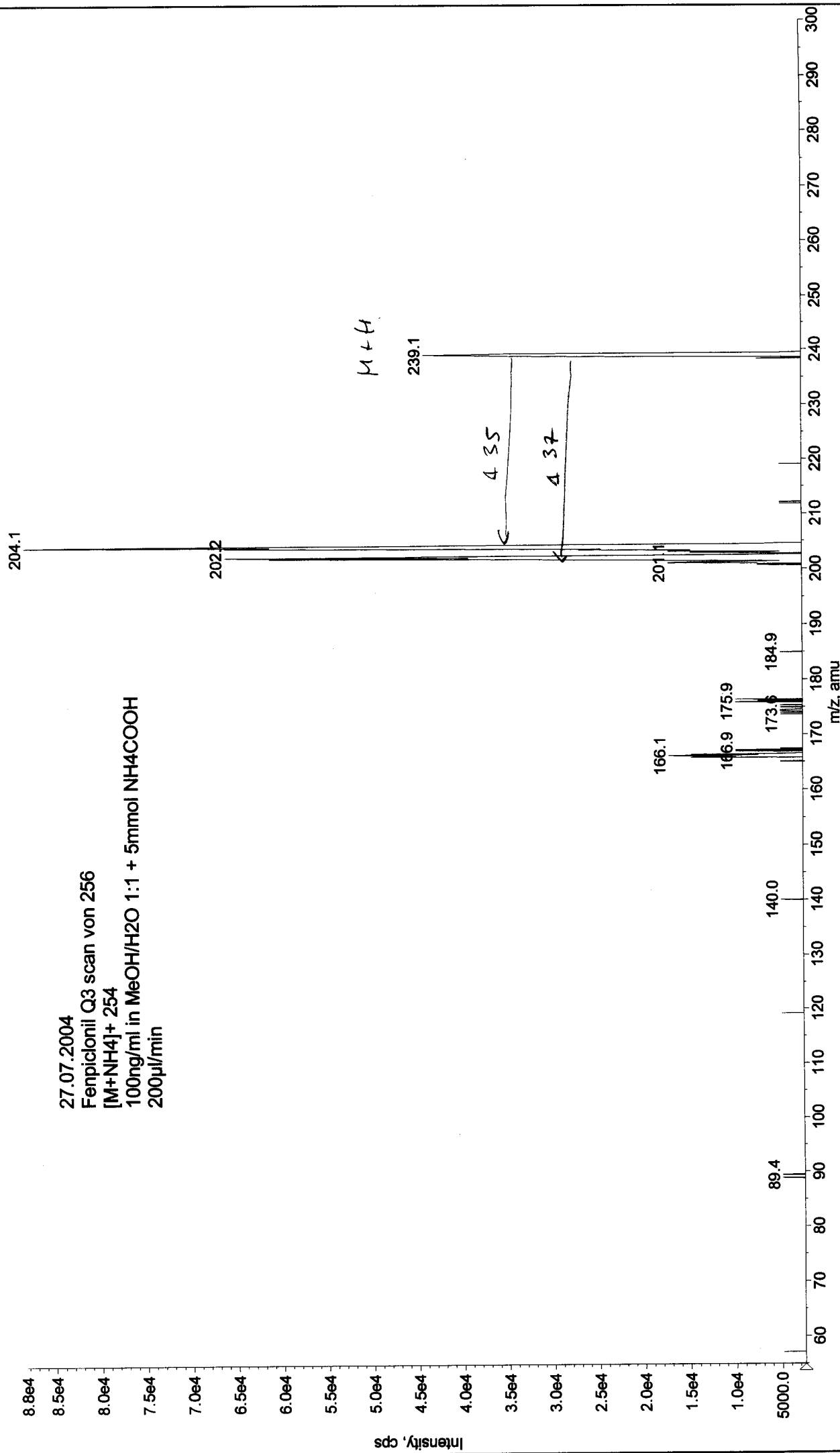
■ +MS2 (254.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040727134518.wiff (Turbo Spray)

Max. 1.8e5 cps.



+MS2 (256.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040727134647.wiff (Turbo Spray)

Max. 8.8e4 cps.



Max. 9.8e4 cps.  
+MS2 (254.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040727135437.wiff (Turbo Spray)

