

## MS/MS Parameters of Pesticides

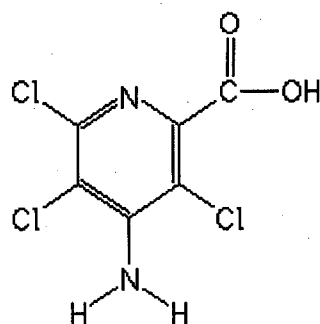
### Analyte: Picloram

CAS No.: 1918-02-1

Formula: C<sub>6</sub>H<sub>3</sub>Cl<sub>3</sub>N<sub>2</sub>O<sub>2</sub>

Molecular mass (lowest isotopes): 239,93 amu

Structure:



Ionisation: ESI -

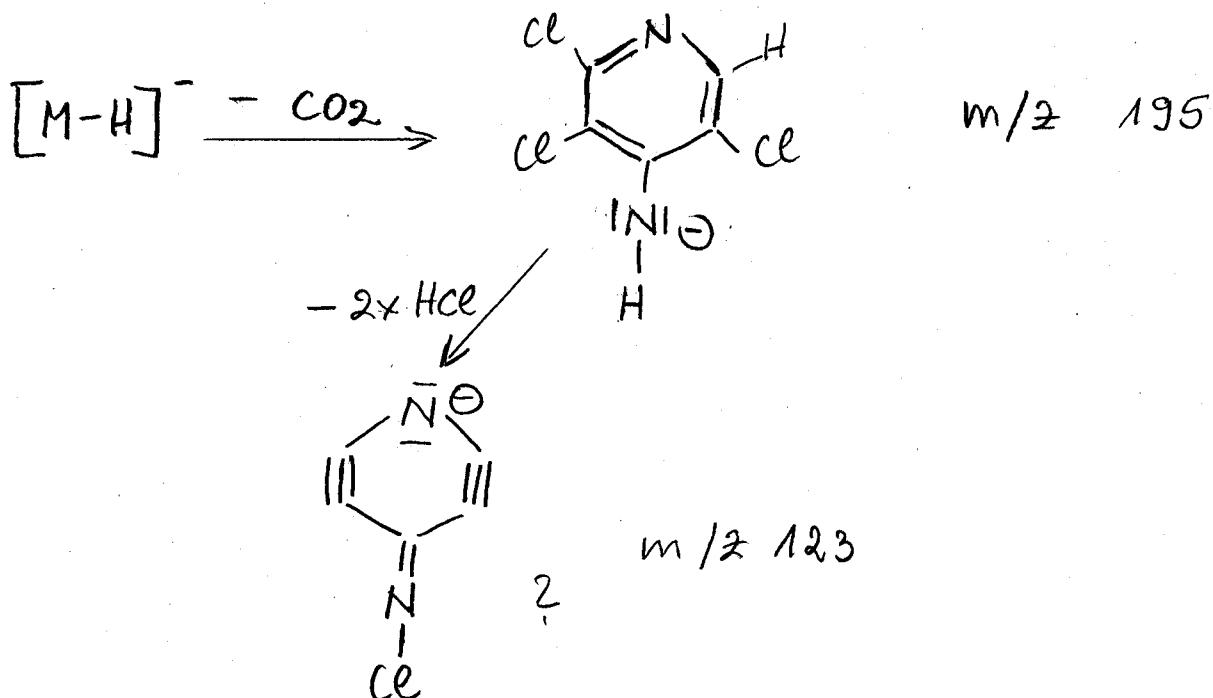
Quasimolecular ion: 240,9 amu = [M-H]<sup>-</sup>

Analyte sensitive parameter set (API 2000)

Transition	240,9 → 196,9	240,9 → 122,6
Declustering potential (DP) <sup>*)</sup>	-66V	-66 V
Focusing potential (FP)	-330 V	-330 V
Entrance potential (EP)	-10 V	-10,5 V
Collision cell entrance potential (CEP)	-20 V	-24 V
Collision energy (CE)	-14 V	-30 V
Collision cell exit potential (CXP)	-14 V	-26 V

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

### Fragmentation



Printing Time: 8:28:02

Printing Date: Friday, July 15, 2005

Acq. Time: 08:25

Acq. Date: Friday, July 15, 2005

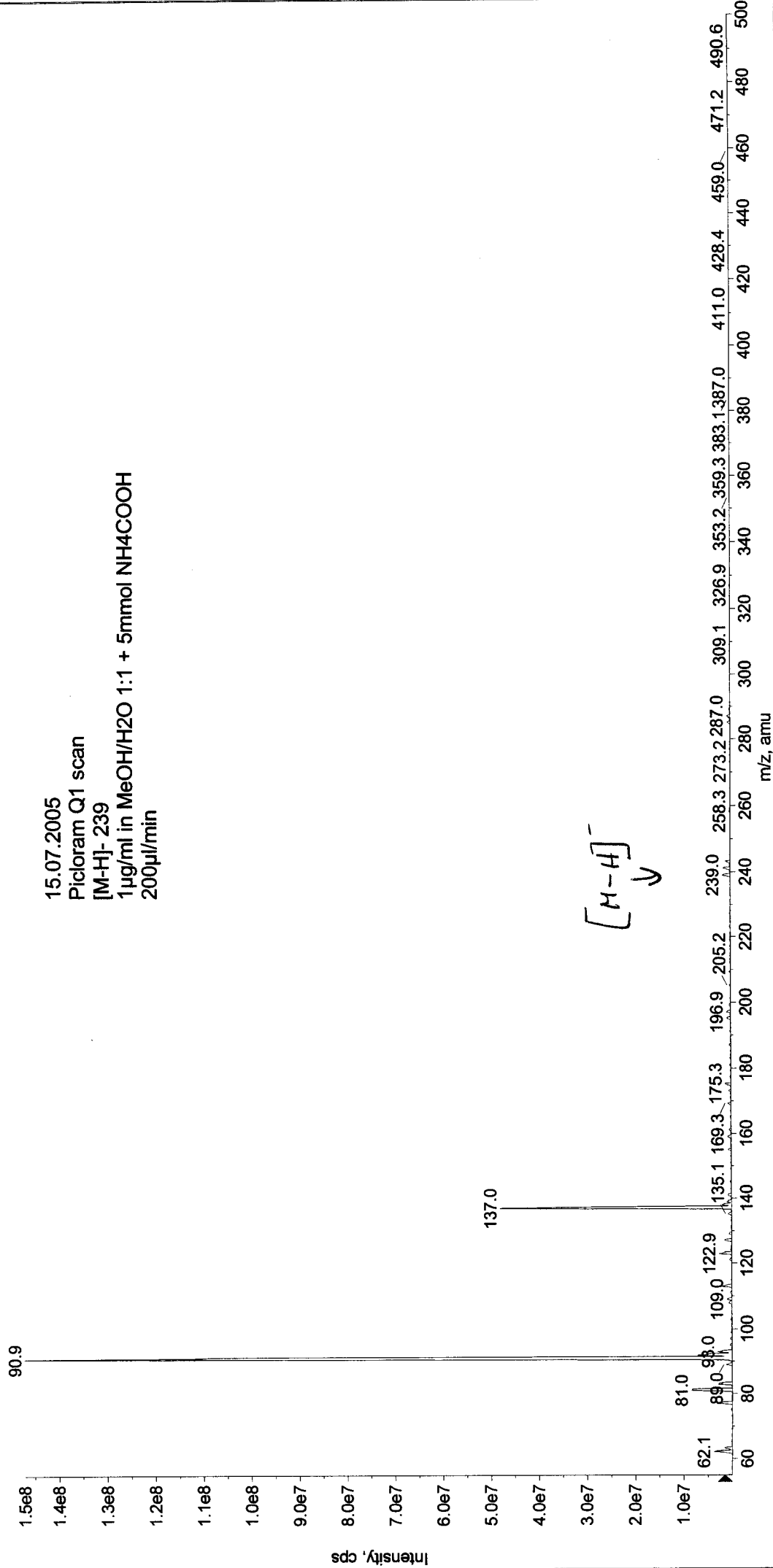
Acq. File: MT20050715082548.wiff

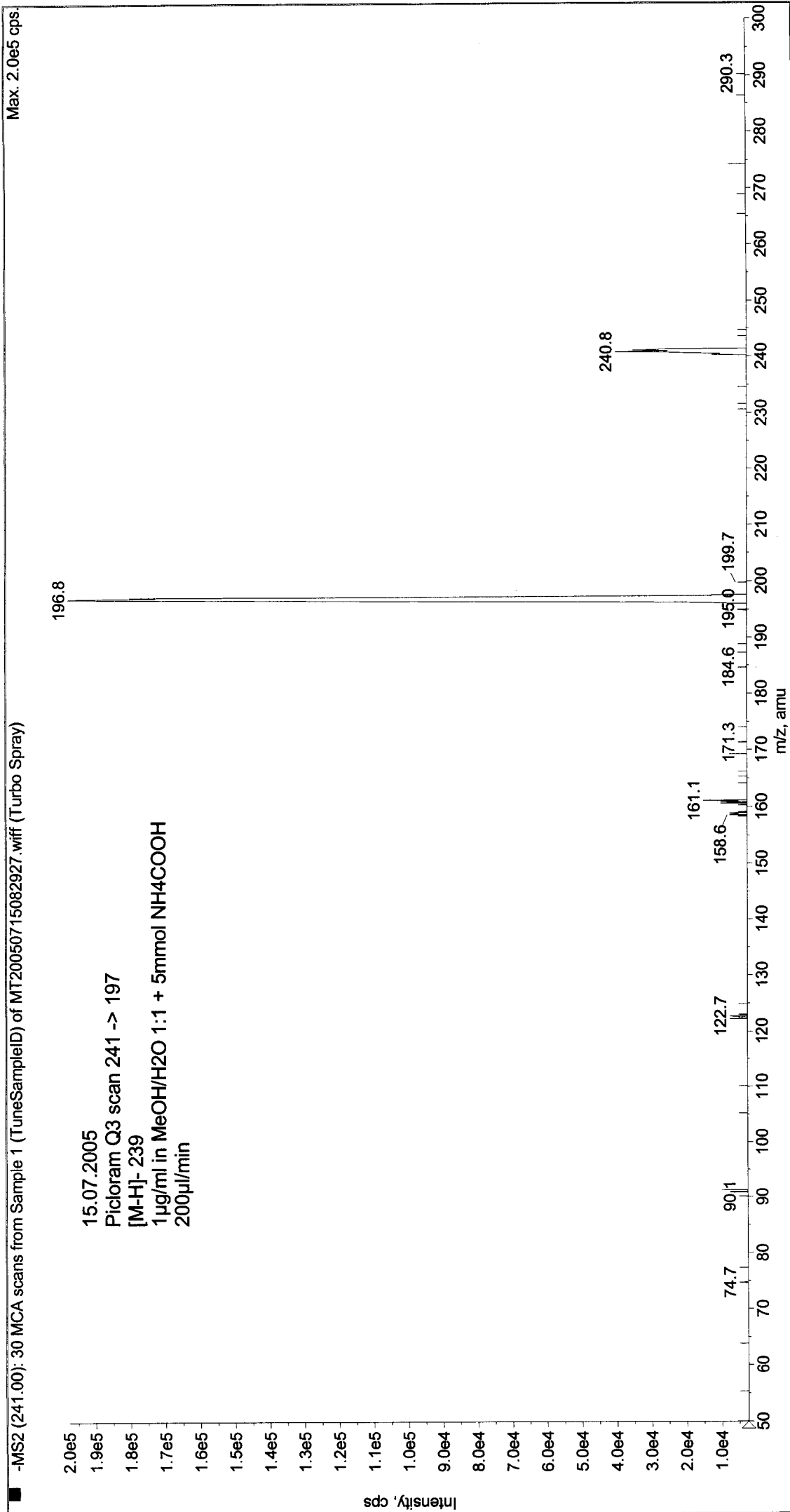
Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

■ -Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050715082548.wiff (Turbo Spray) Max. 1.5e8 cps



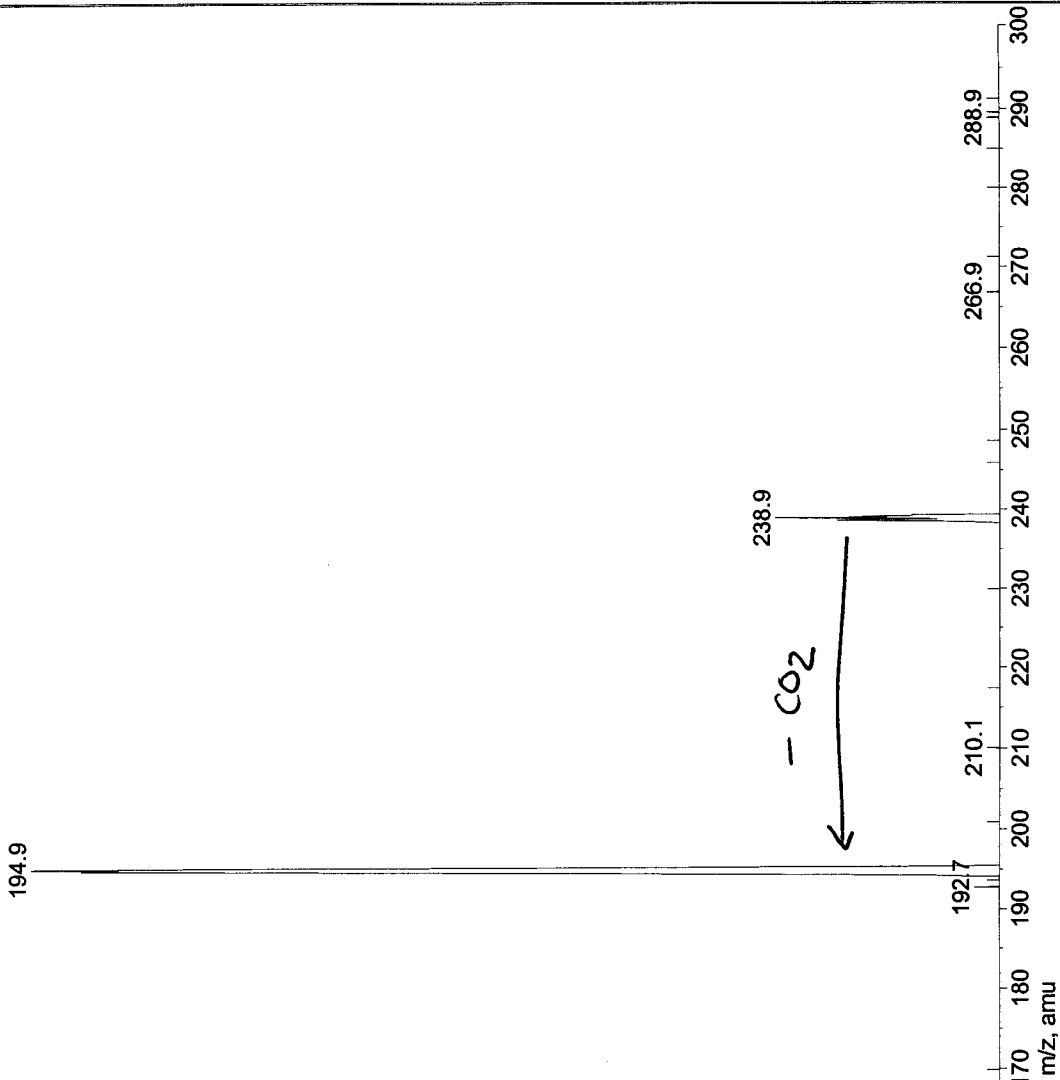


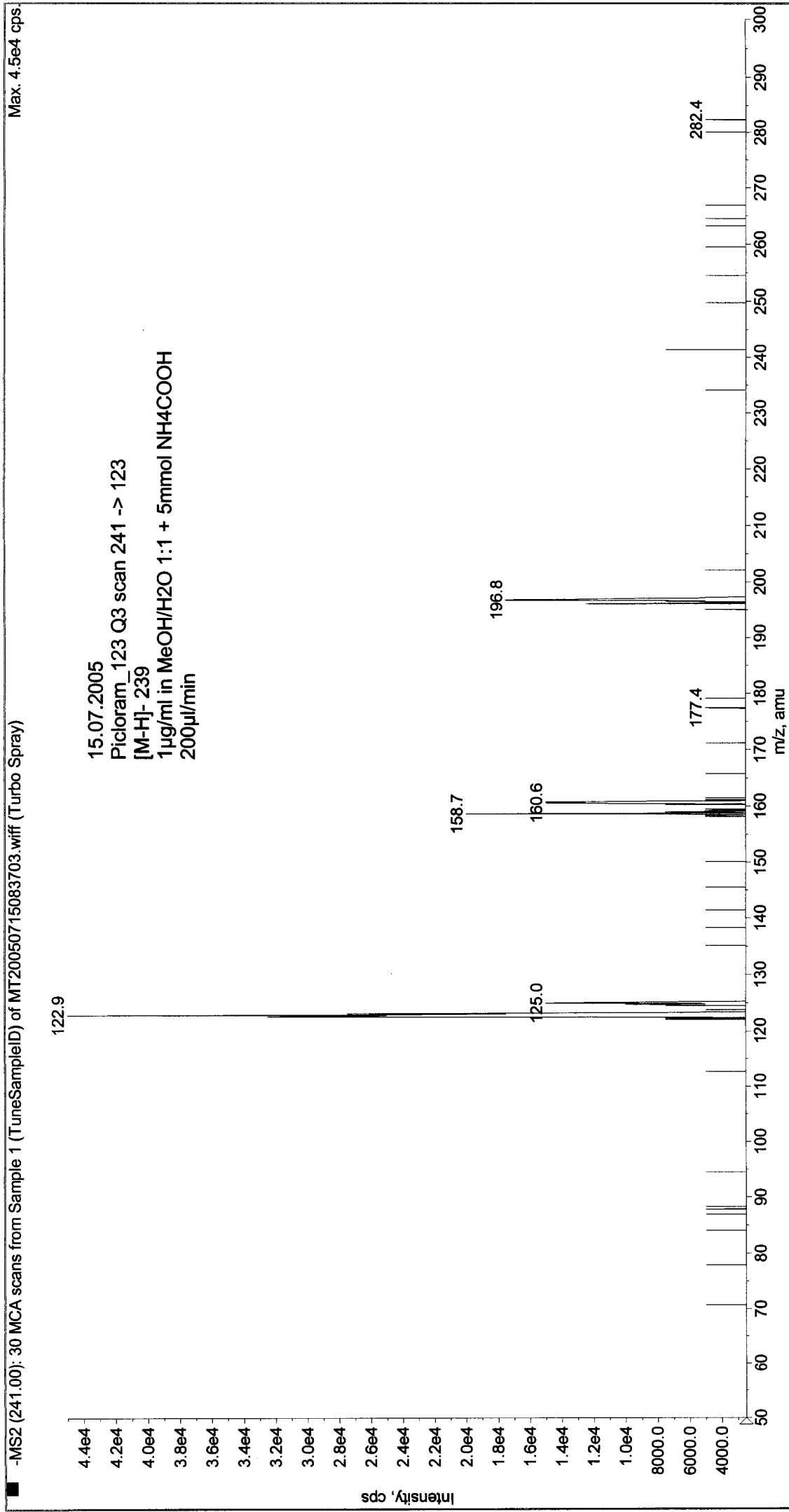
MS2 (239.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050715083050.wiff (Turbo Spray)

Max. 2.0e5 cps

Intensity, cps

15.07.2005  
Picloram Q3 scan von 239  
[M-H]<sup>-</sup> 239  
1 µg/ml in MeOH/H<sub>2</sub>O 1:1 + 5mmol NH<sub>4</sub>COOH  
200 µl/min





Printing Time: 8:39:50

Printing Date: Friday, July 15, 2005

Acq. Time: 08:38

Acq. Date: Friday, July 15, 2005

Acq. File: MT20050715083844.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

■ -MS2 (239.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050715083844.wiff (Turbo Spray) Max. 5.3e4 cps

