

MS/MS Parameters of Pesticides

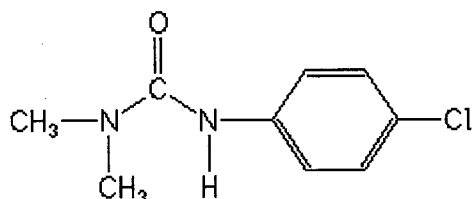
Analyte: Monuron

CAS No.: 150-68-5

Formula: C₉H₁₁ClN₂O

Molecular mass (lowest isotopes): 198,06 amu

Structure:



Ionisation: ESI +

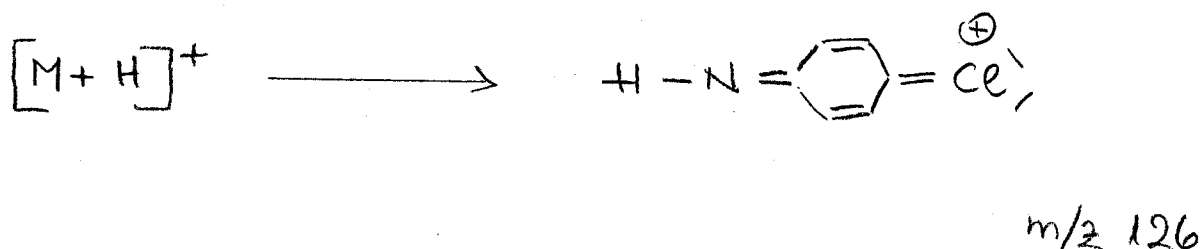
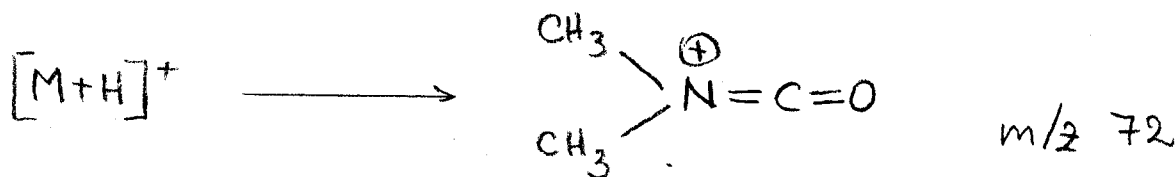
Quasimolecular ion: 199,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	199,1 → 72,0	199,1 → 126,0
Declustering potential (DP) ^{*)}	29 V	29 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,0 V	9,0 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	29 V	35 V
Collision cell exit potential (CXP)	4 V	6 V

^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation

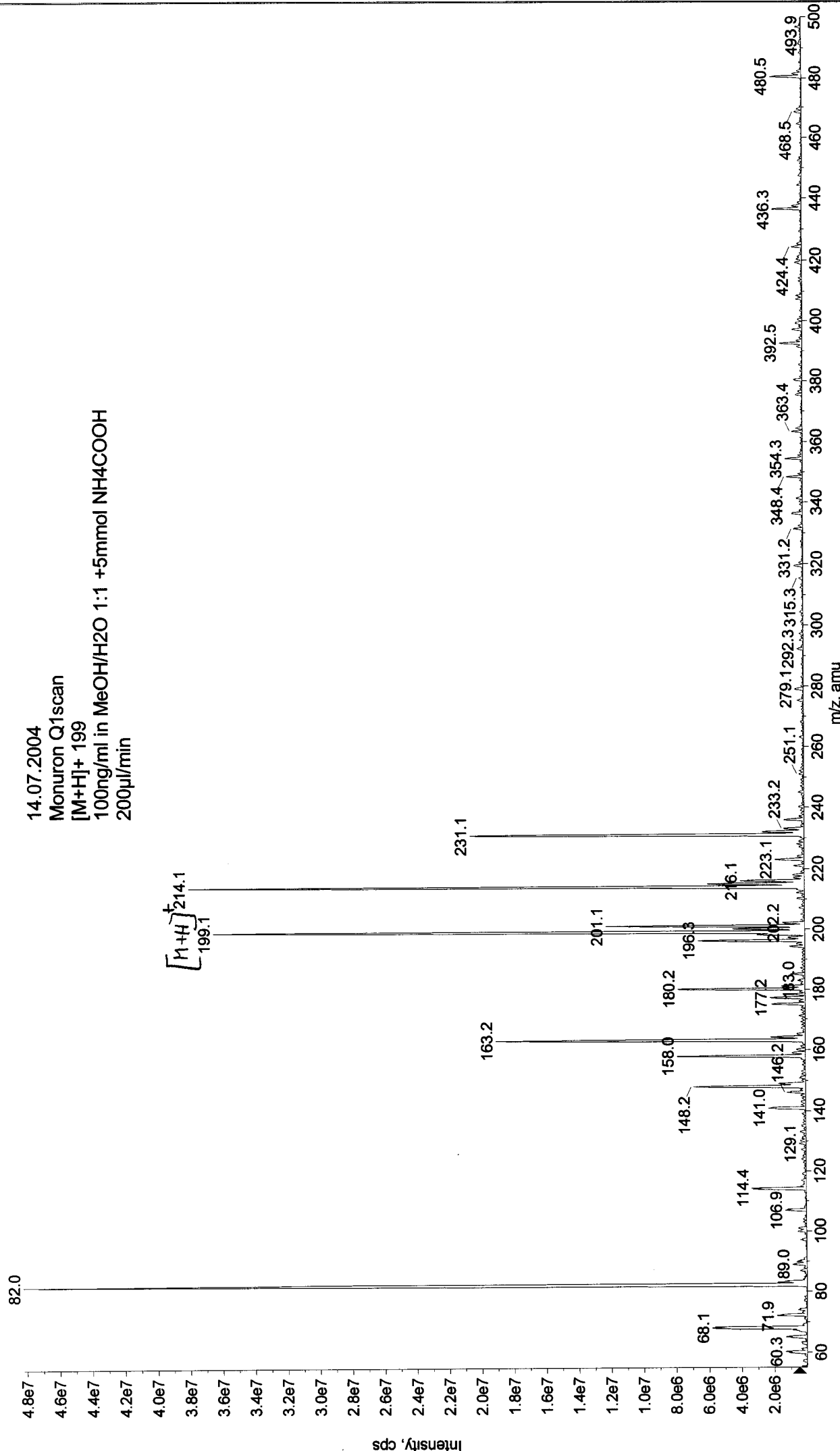


Printing Time: 11:57:41
Printing Date: Wednesday, July 14, 2004
Acq. Time: 11:56
Acq. Date: Wednesday, July 14, 2004
Acq. File: MT20040714115631.wiff

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

Max. 4.8e7 cps.

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040714115631.wiff (Turbo Spray)



Printing Date: Wednesday, July 14, 2004

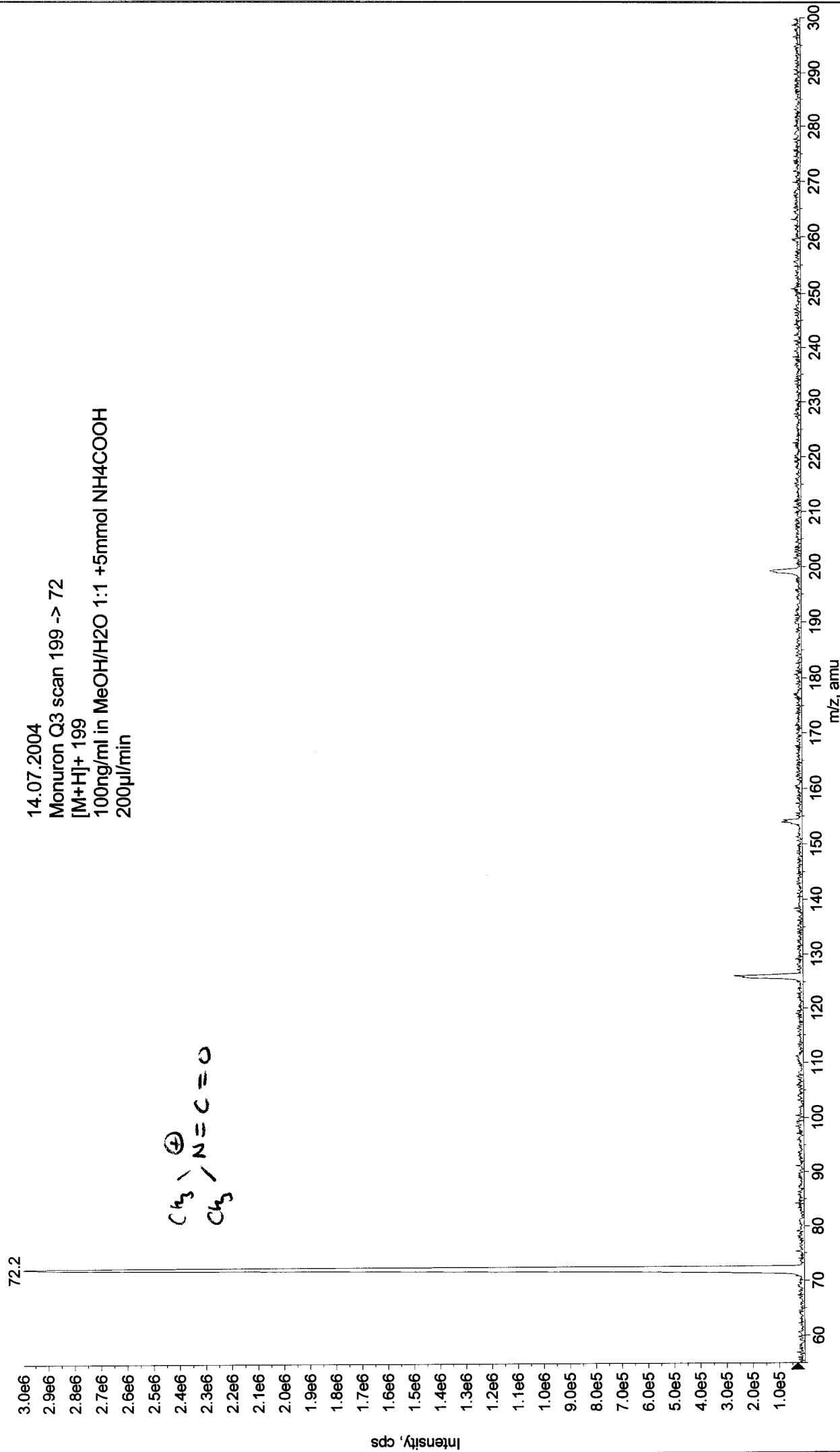
Acq. Date: Wednesday, July 14, 2004

Acq. file: MT20040714115920.wiff

Sample Comment:
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Batch Name: ManualTune.bat

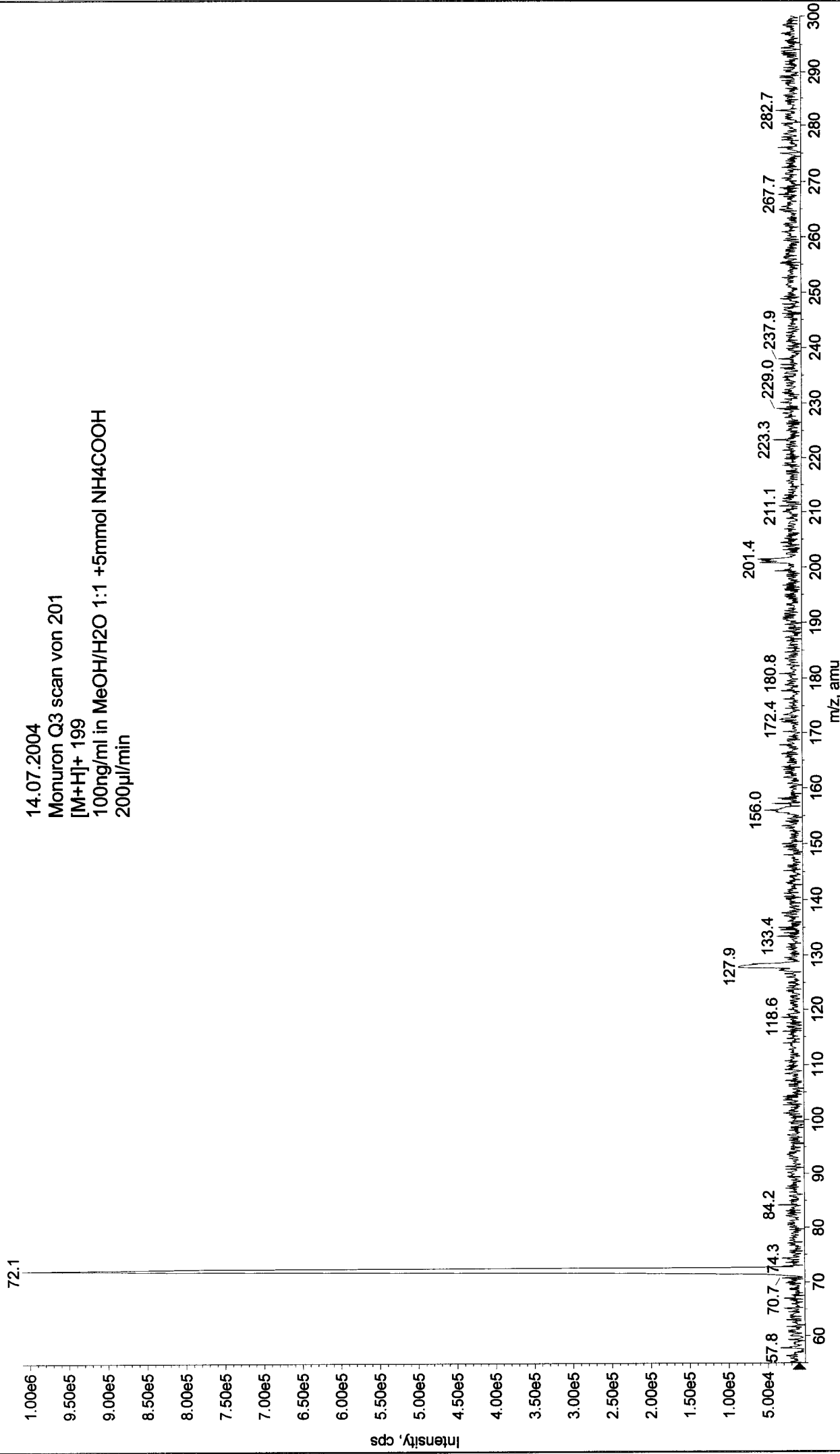
Max. 3.0e6 cps.

■ +MS2 (199.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040714115920.wiff (Turbo Spray)



Max. 1.0e6 cps.

+MS2 (201.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040714120038.wiff (Turbo Spray)



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

Acq. Time: 13:27
Acq. Date: Wednesday, July 14, 2004
Acq. File: MT20040714132714.wiff

Printing Time: 13:29:14
Printing Date: Wednesday, July 14, 2004

Max. 2.8e6 cps.

+MS2 (199.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040714132714.wiff (Turbo Spray)

