

MS/MS Parameters of Pesticides

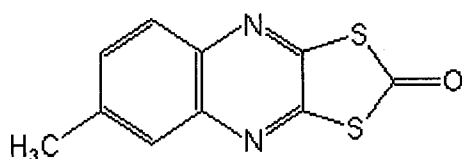
Analyte: Chinomethionate

CAS No.: 2439-01-2

Formula: C₁₀H₆N₂OS₂

Molecular mass (lowest isotopes): 233,99 amu

Structure:



Ionisation: ESI +

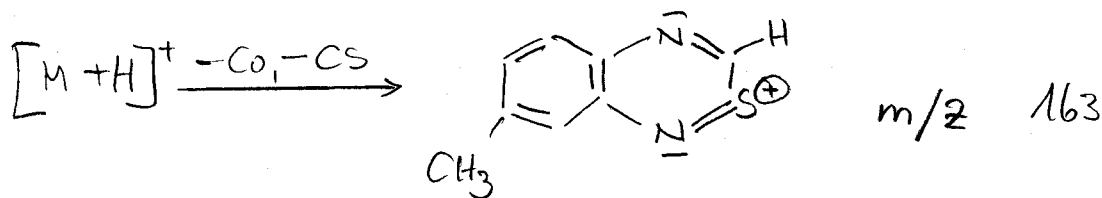
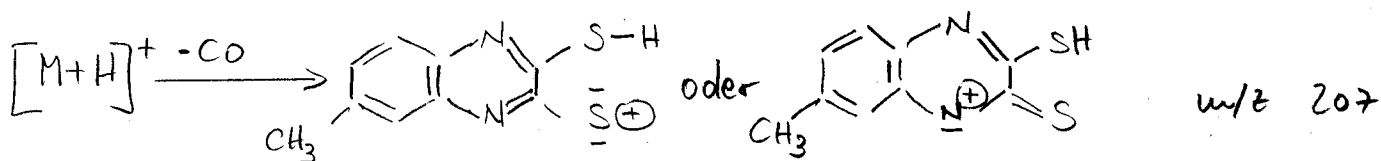
Quasimolecular ion: 234,9 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

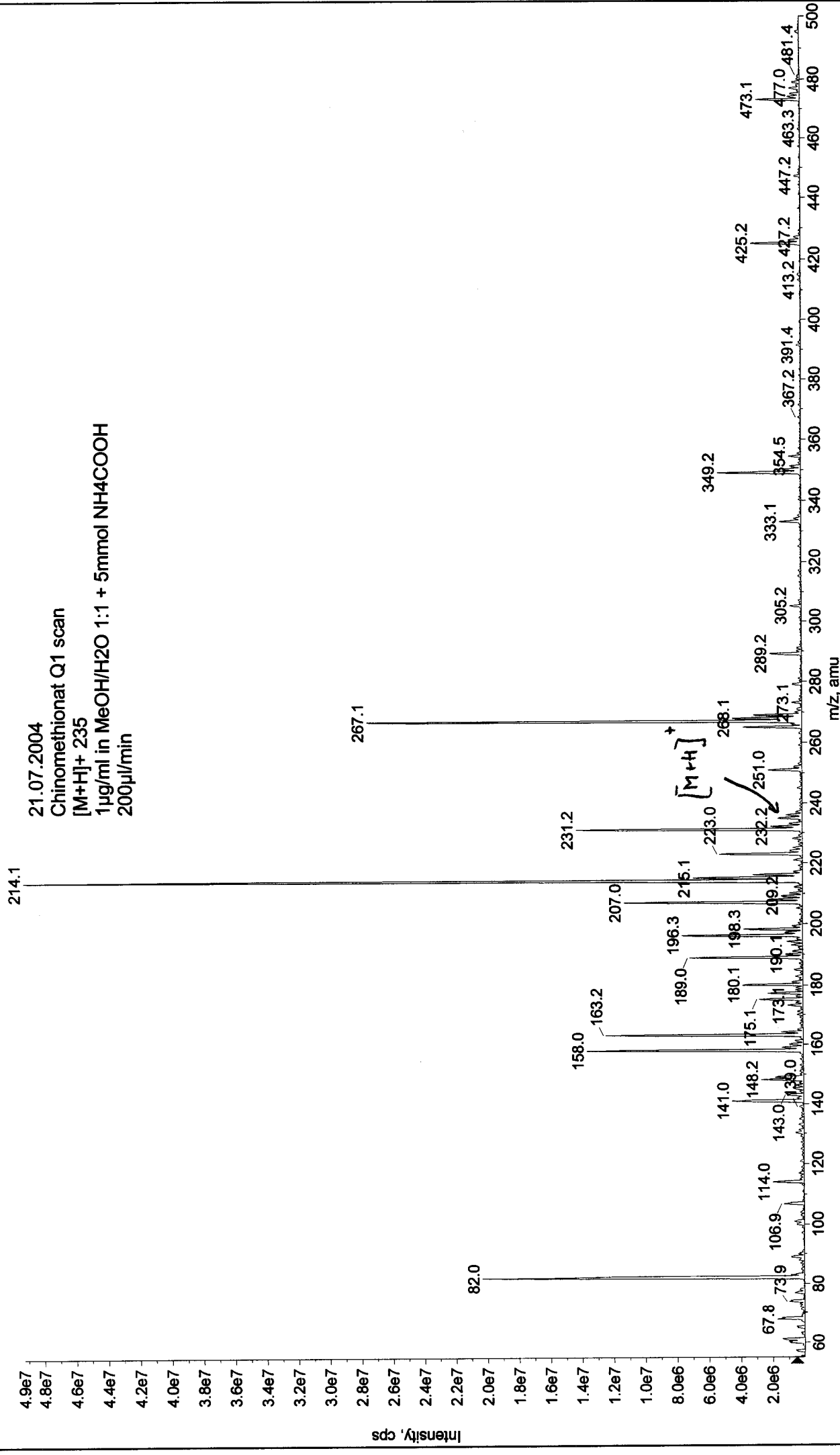
Transition	234,9 → 207,1	234,9 → 163,0
Declustering potential (DP) ^{*)}	36V	36 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	10,5 V	12,0 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	21 V	39 V
Collision cell exit potential (CXP)	10 V	8 V

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

Fragmentation



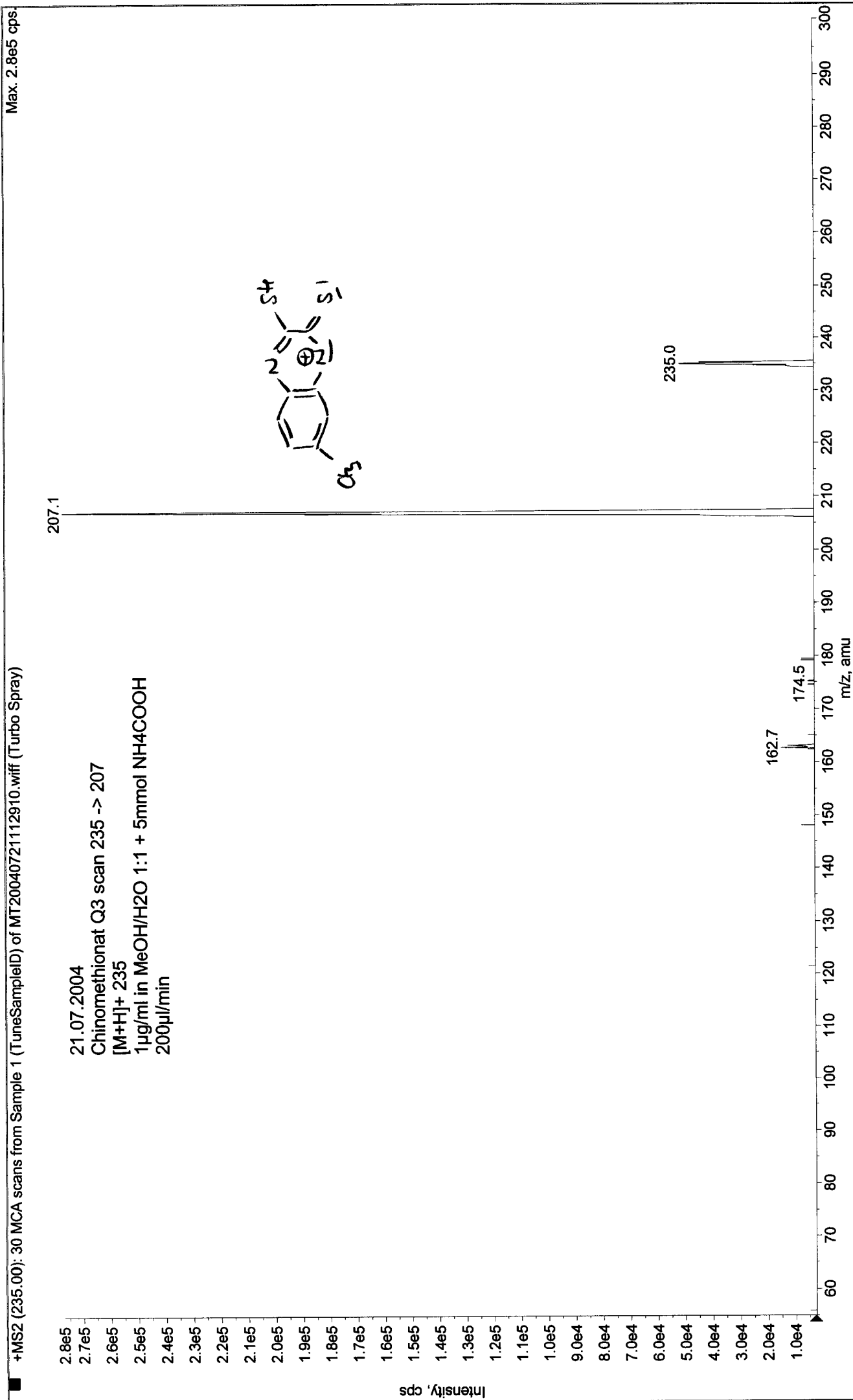
Max. 4.9e7 cps.
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040721112425.wiff (Turbo Spray)



Printing Time: 11:30:19
Printing Date: Wednesday, July 21, 2004

Acq Time: 11:29
Acq Date: Wednesday, July 21, 2004
Acq File: MT20040721112910.wiff

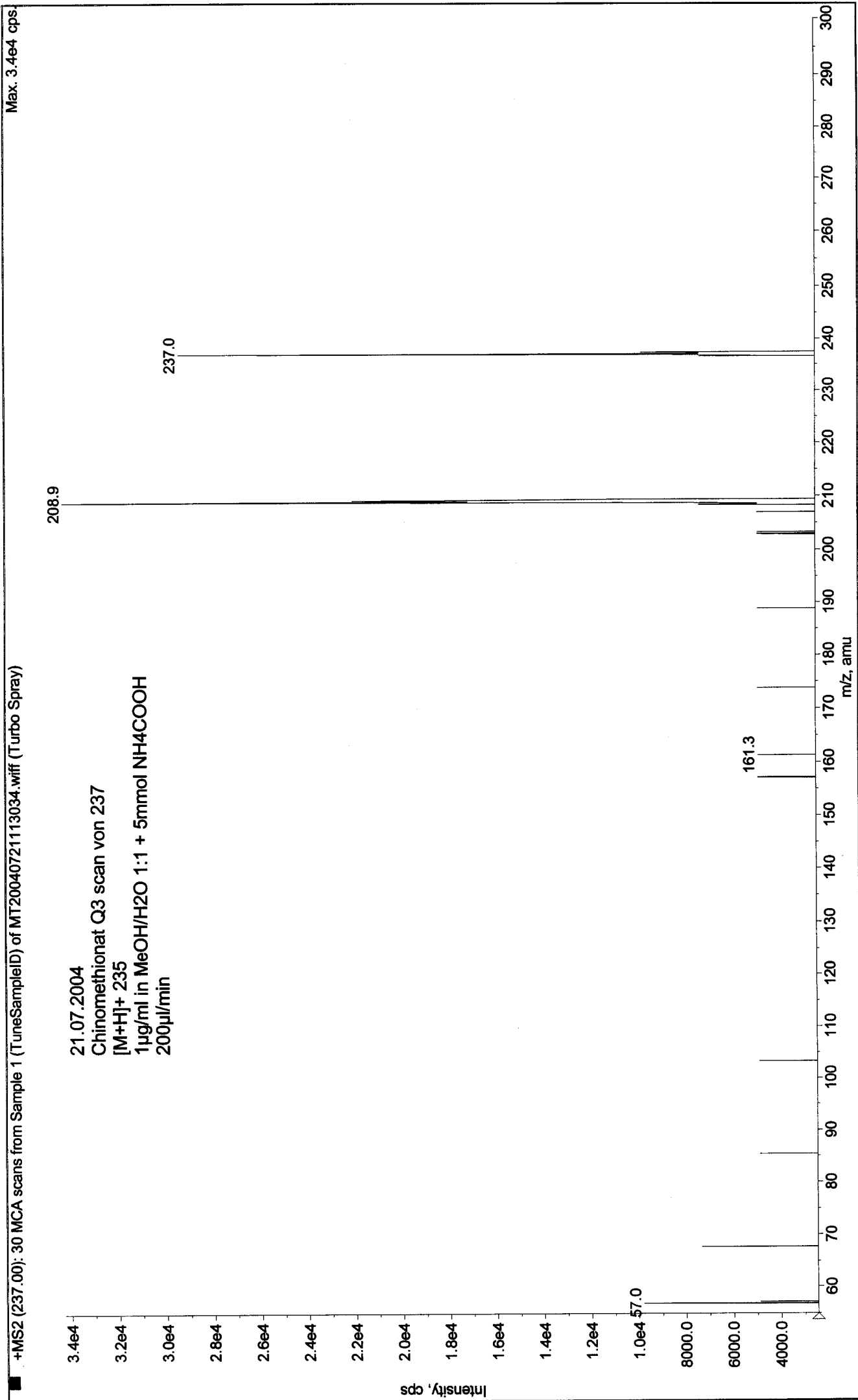
Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat



Printing Time: 11:31:35
Printing Date: Wednesday, July 21, 2004

Acq. Time: 11:30
Acq. Date: Wednesday, July 21, 2004
Acq. File: MT20040721113034.wiff

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



Printing Time: 11:40:47
Printing Date: Wednesday, July 21, 2004

Acq Time: 11:39
Acq Date: Wednesday, July 21, 2004
Acq File: MT20040721113941.wiff

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

Max. 1.3e5 cps.
+MS2 (235.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040721113941.wiff (Turbo Spray)

