

MS/MS Parameters of Pesticides

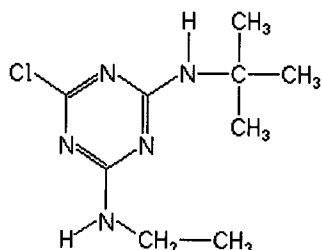
Analyte: Terbutylazine

CAS No.: 5915-41-3

Formula: C₉H₁₆ClN₅

Molecular mass (lowest isotopes): 229,11 amu

Structure:



Ionisation: ESI +

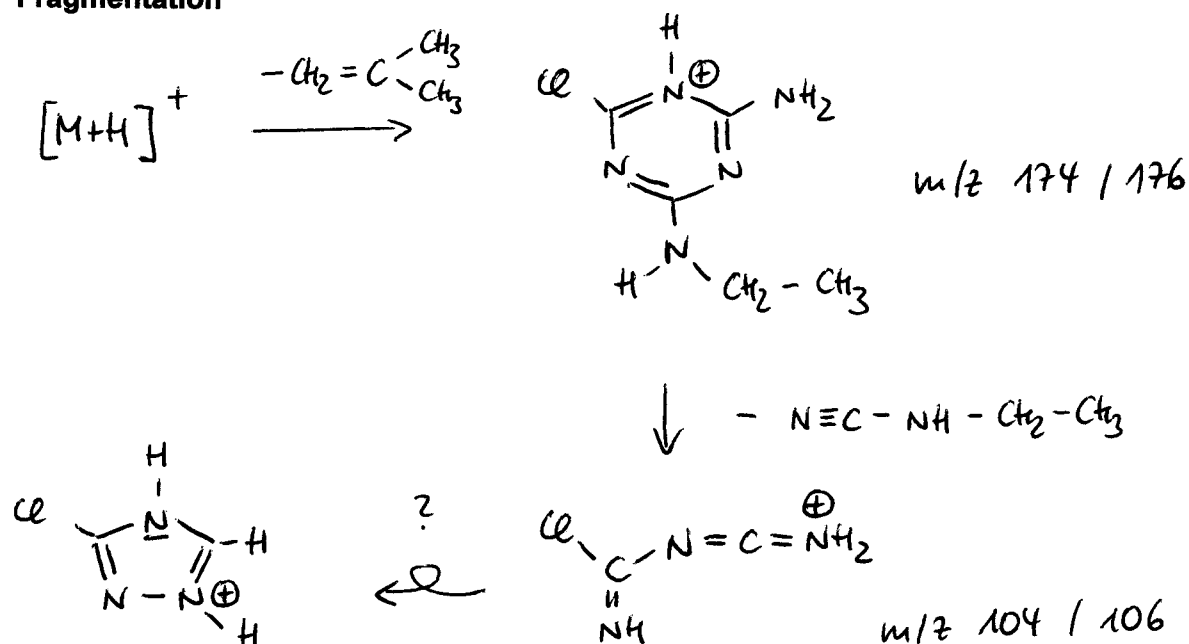
Quasimolecular ion: 230,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	230,1 → 174,1	230,1 → 104,2
Declustering potential (DP) ^{*)}	41 V	41 V
Focusing potential (FP)	320 V	360 V
Entrance potential (EP)	11,5 V	9,5 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	23 V	43 V
Collision cell exit potential (CXP)	8 V	4 V

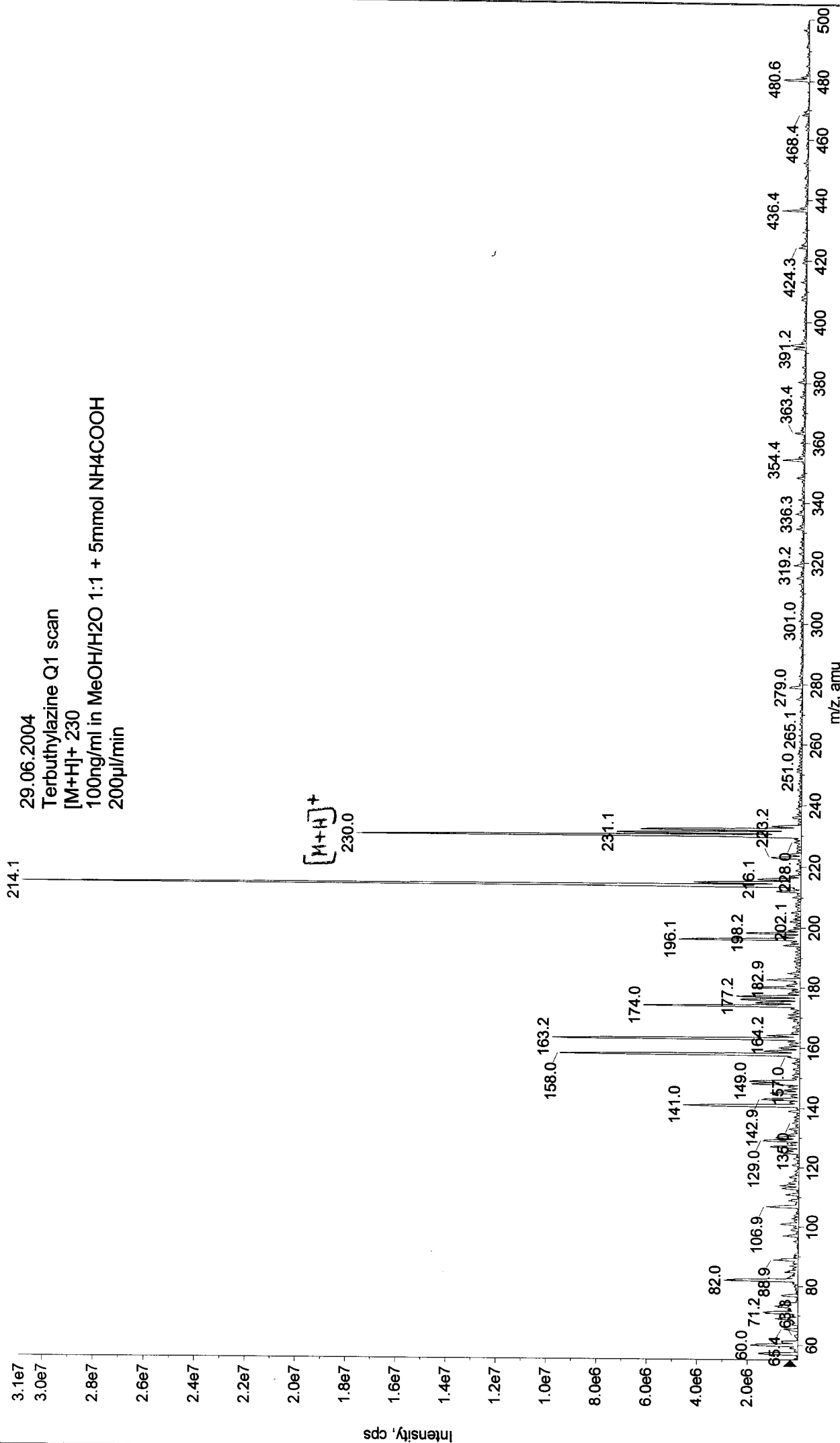
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



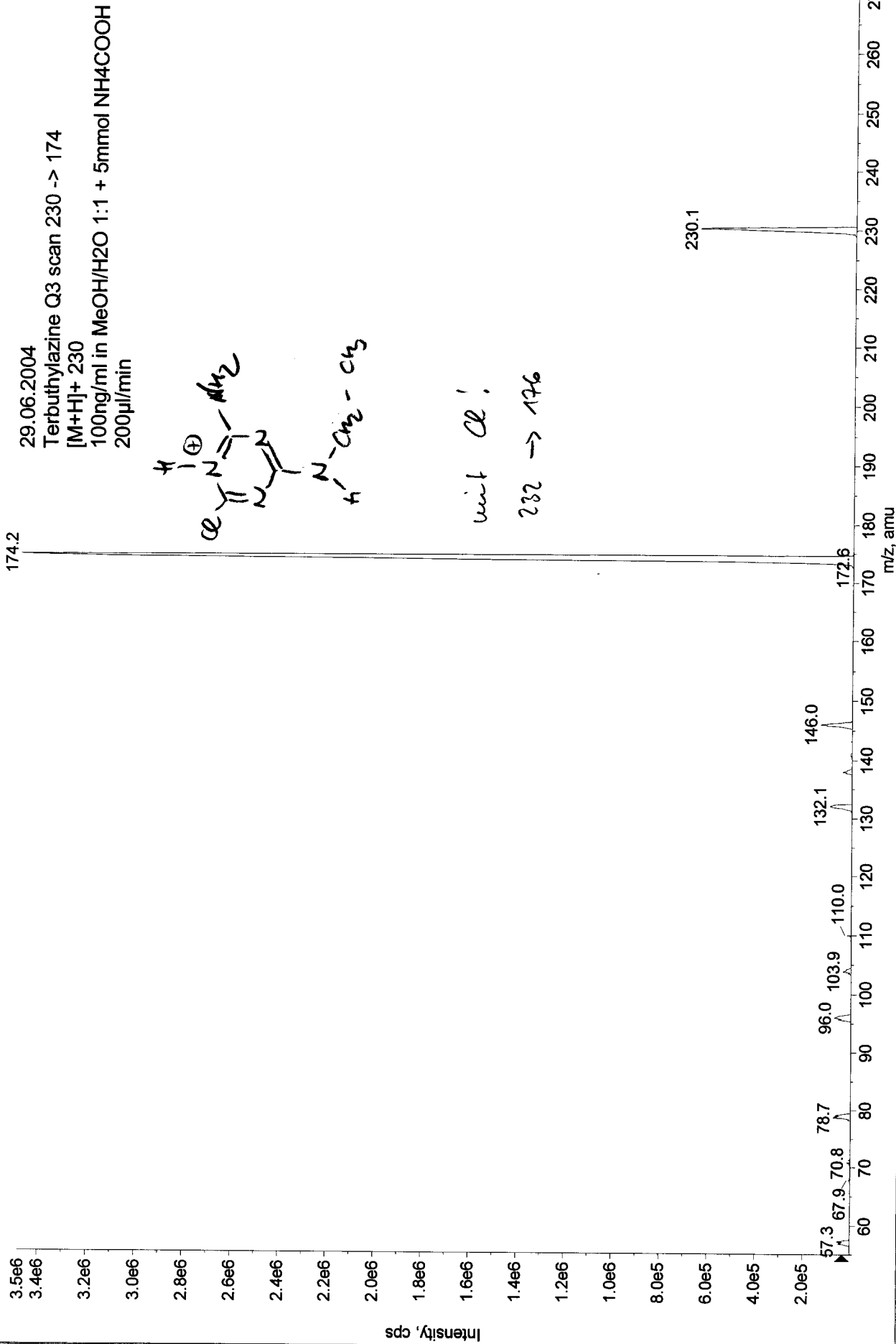
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040629143002.wiff (Turbo Spray)

Max. 3.1e7 cps



Max. 3.5e6 cps

+MS2 (230.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040629143346.wiff (Turbo Spray)



Printing Time: 14:38:00

Printing Date: Tuesday, June 29, 2004

Acq. Time: 14:36

Acq. Date: Tuesday, June 29, 2004

Acq. File: MT20040629143620.wiff

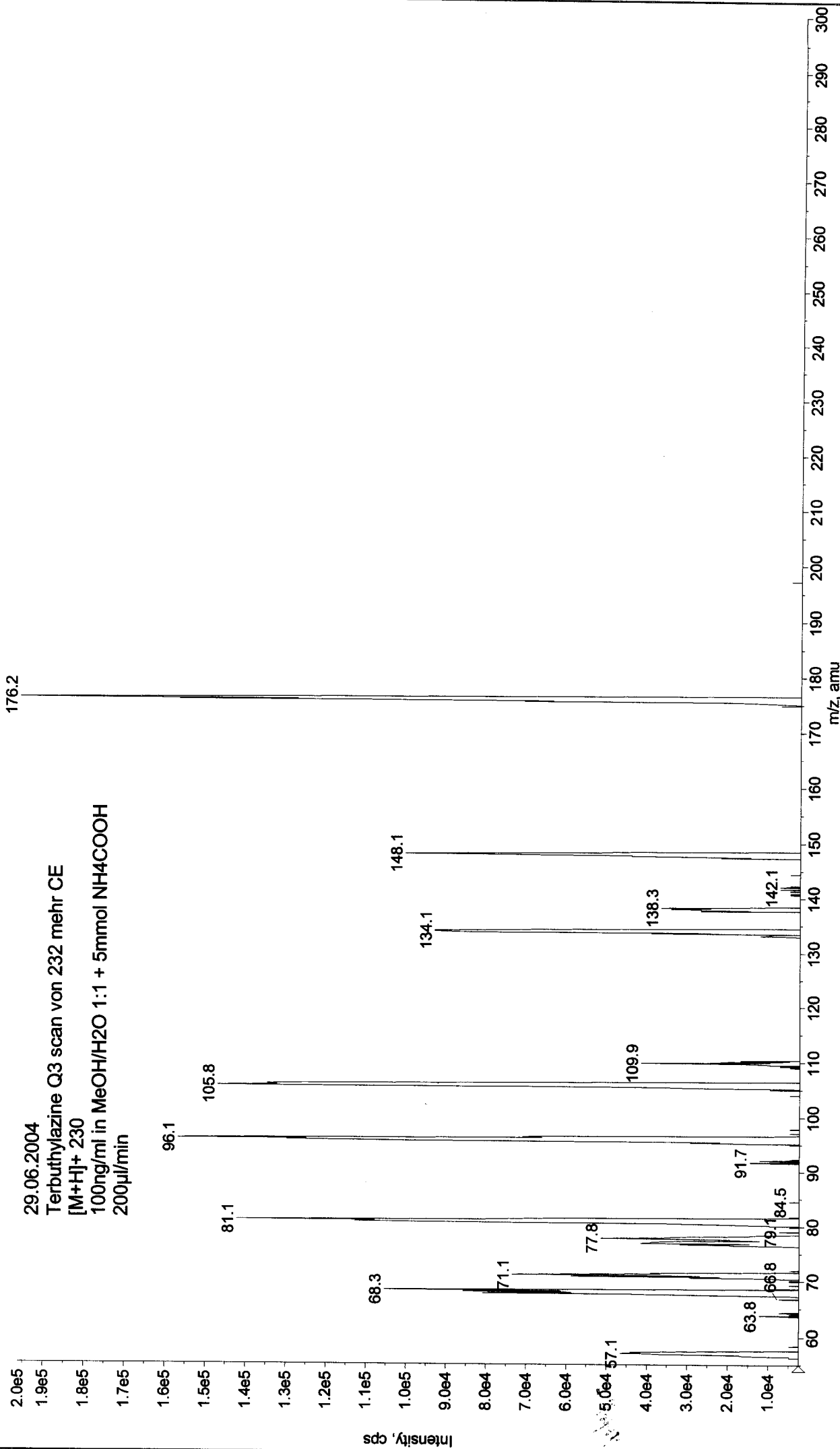
Sample Comment:

Sample Name: TuneSampleID

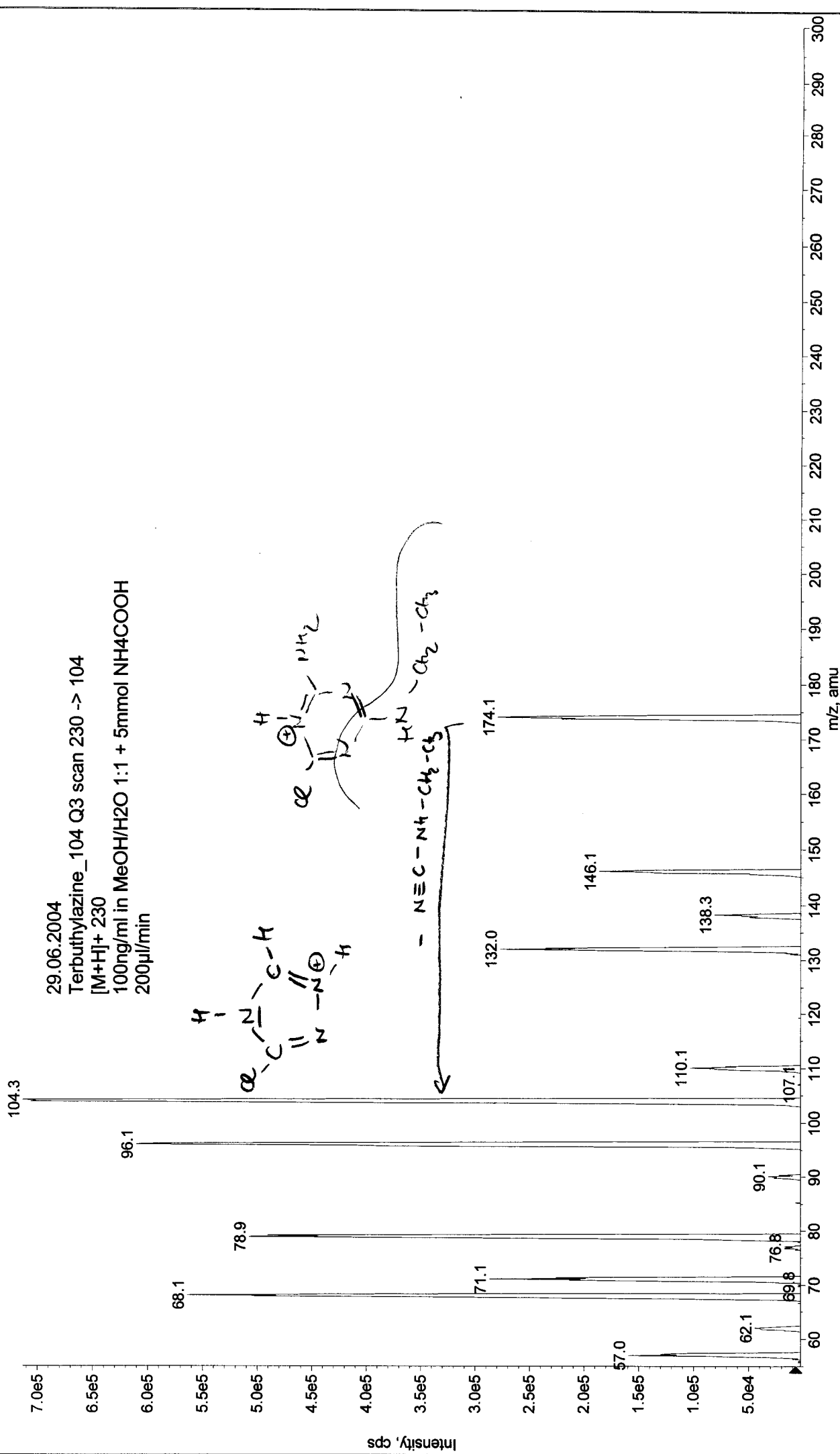
Batch Name: ManualTune.bat

+MS2 (232.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040629143620.wiff (Turbo Spray)

Max. 2.0e5 cps



+MS2 (230.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040629144722.wiff (Turbo Spray) Max. 7.1e5 cps



Printing Time: 14:50:10
Printing Date: Tuesday, June 29, 2004

Acq Time: 14:48
Acq Date: Tuesday, June 29, 2004
Acq File: MT20040629144855.wiff

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

+MS2 (232.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040629144855.wiff (Turbo Spray)

Max. 2.5e5 cps

