

MS/MS Parameters of Pesticides

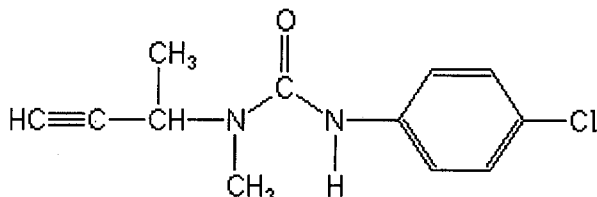
Analyte: Buturon

CAS No.: 3766-60-7

Formula: C₁₂H₁₃ClN₂O

Molecular mass (lowest isotopes): 236,10 amu

Structure:



Ionisation: ESI +

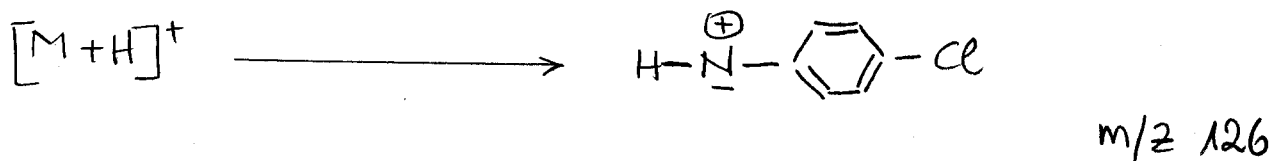
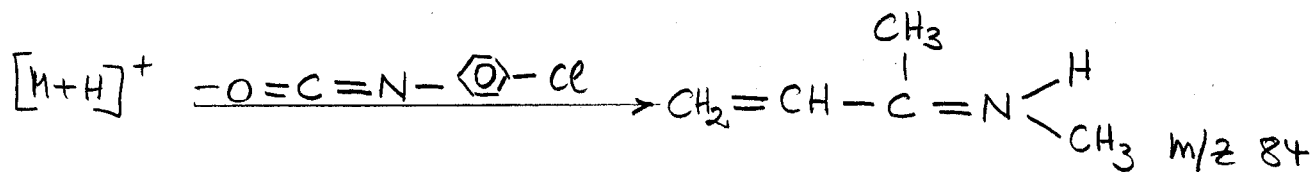
Quasimolecular ion: 237,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

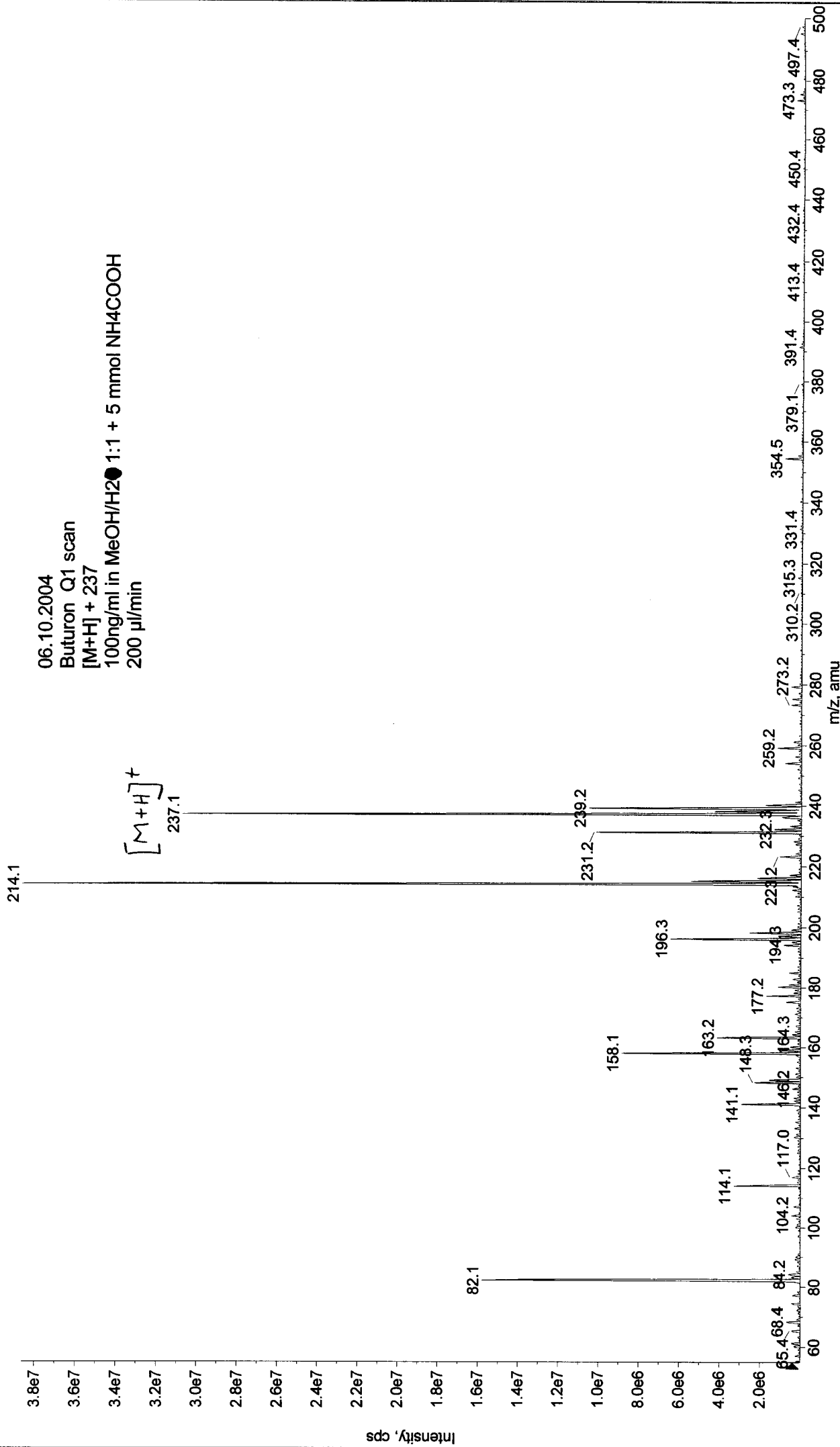
Transition	237,1 → 84,1	237,1 → 126,1
Declustering potential (DP) ^{*)}	41 V	41 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	11,5 V	12,0 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	21 V	37 V
Collision cell exit potential (CXP)	4 V	6 V

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

Fragmentation

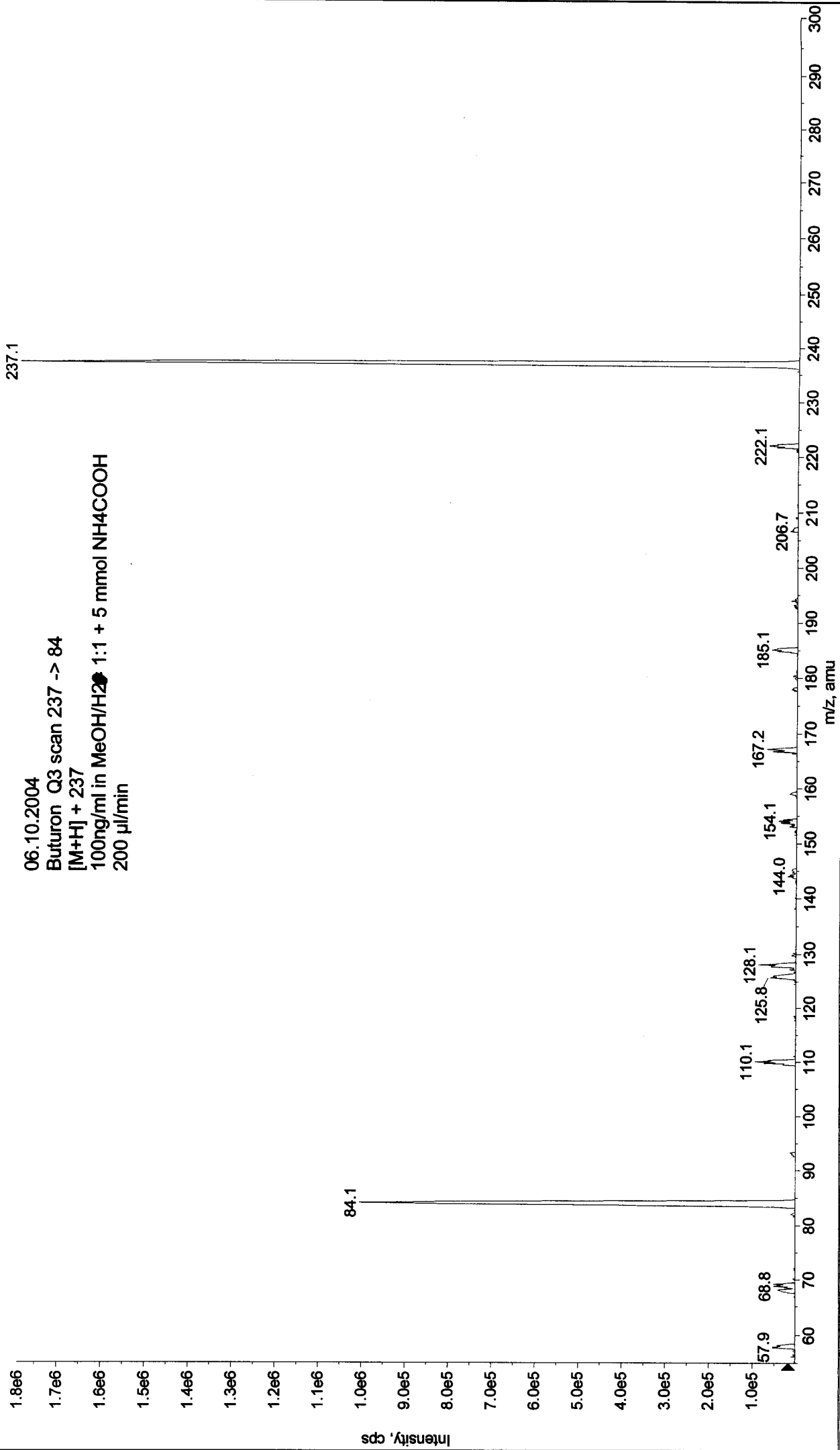


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20041006112242.wiff (Turbo Spray) Max. 3.9e7 cps

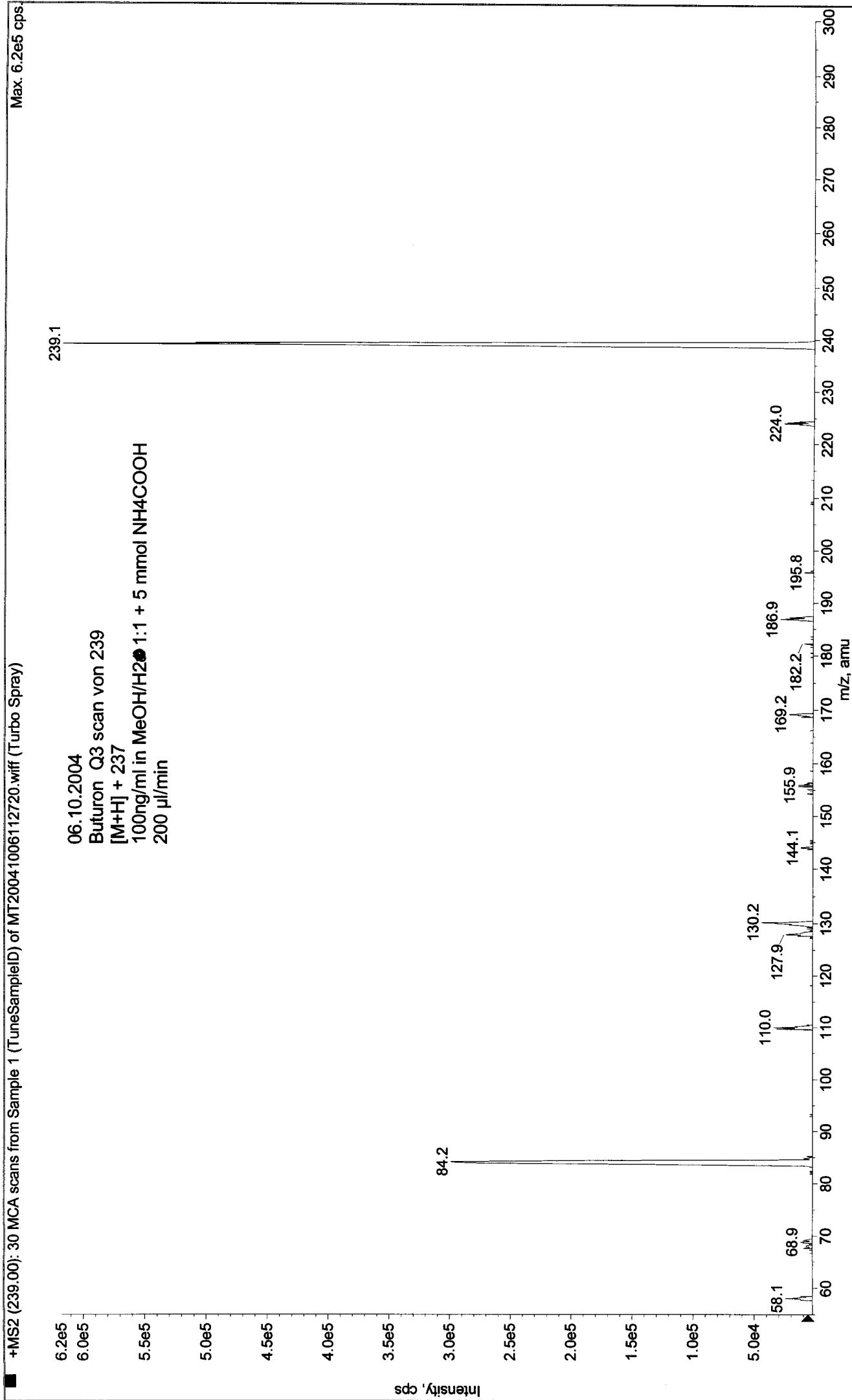


Max. 1.8e6 cps

+MS2 (237.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20041006112515.wiff (Turbo Spray)



06.10.2004
Buturon Q3 scan 237 -> 84
[M+H]⁺ + 237
100ng/ml in MeOH/H₂O 1:1 + 5 mmol NH₄COOH
200 µl/min



+MS2 (237.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20041006113351.wiff (Turbo Spray) Max. 5.6e5 cps.

