

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

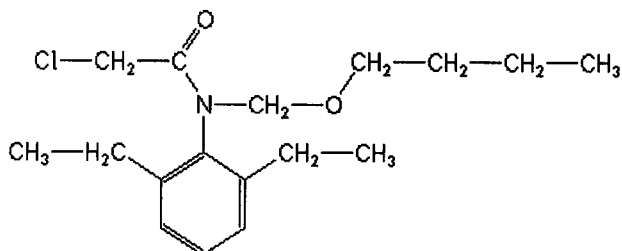
Analyte: Butachlor

CAS No.: 23184-66-9

Formula: C₁₇H₂₆ClNO₂

Molecular mass (lowest isotopes): 311,17 amu

Structure:



Ionisation: ESI +

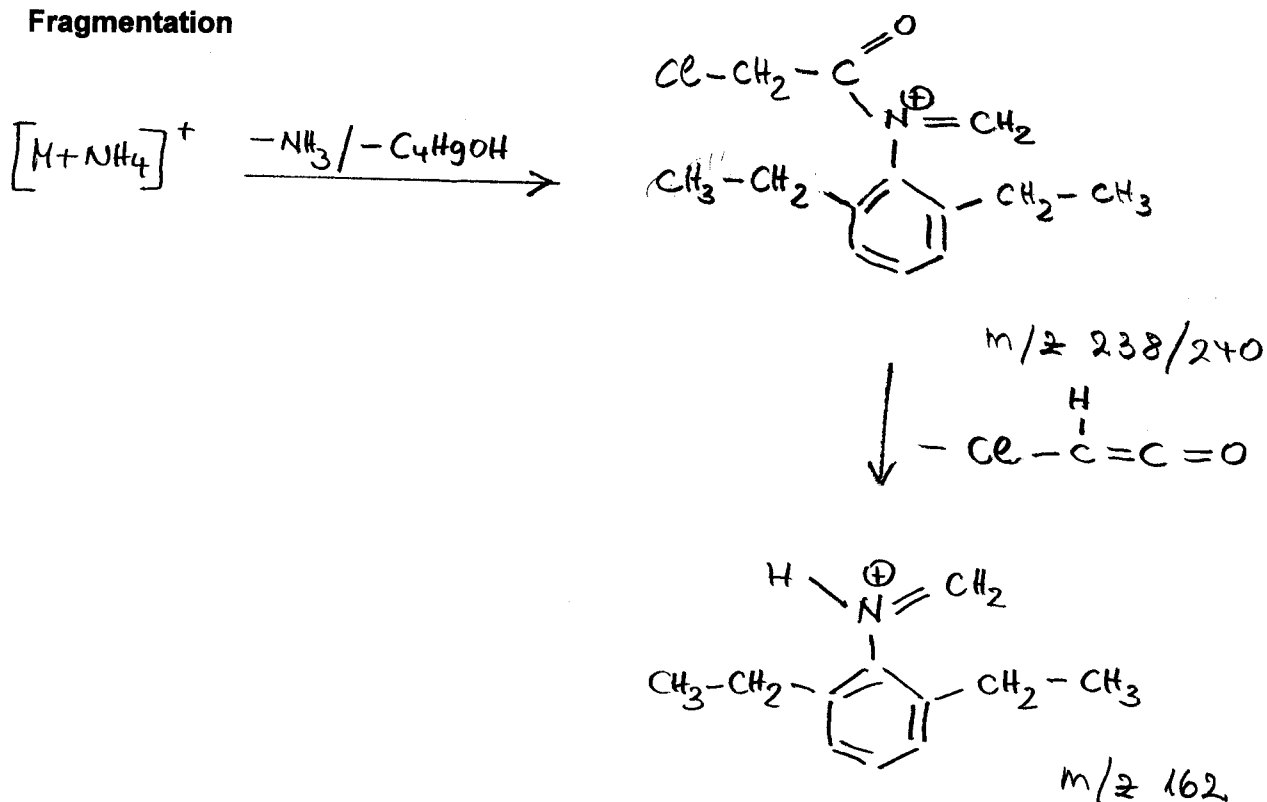
Quasimolecular ion: 329,2 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	329,2 → 238,1	329,2 → 162,2
Declustering potential (DP) ^{*)}	24 V	24 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	10,5 V	10,0 V
Collision cell entrance potential (CEP)	18 V	20 V
Collision energy (CE)	17 V	35 V
Collision cell exit potential (CXP)	12 V	8 V

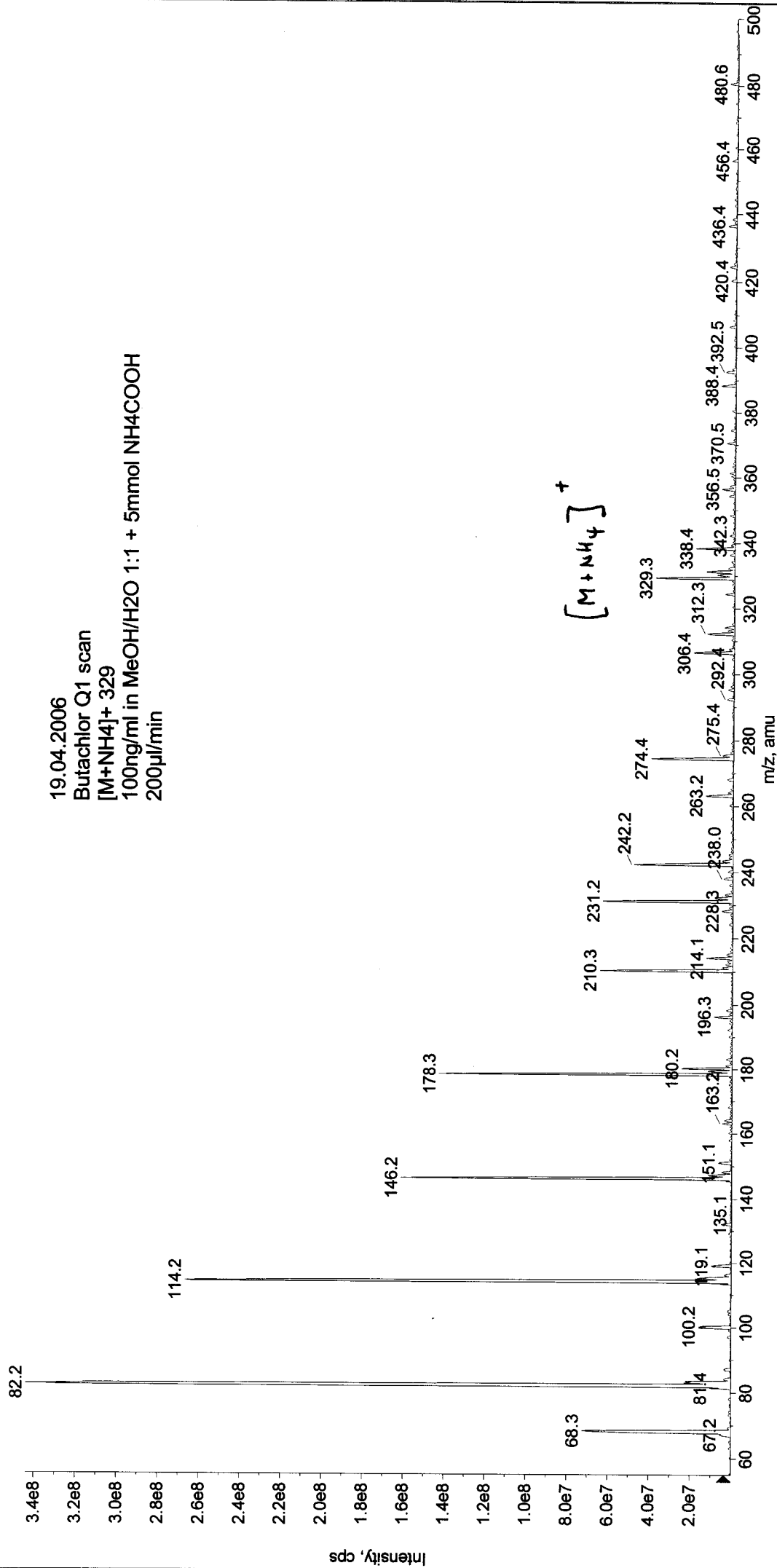
^{*)} For API 3000 and 4000 enhance DP by 20V

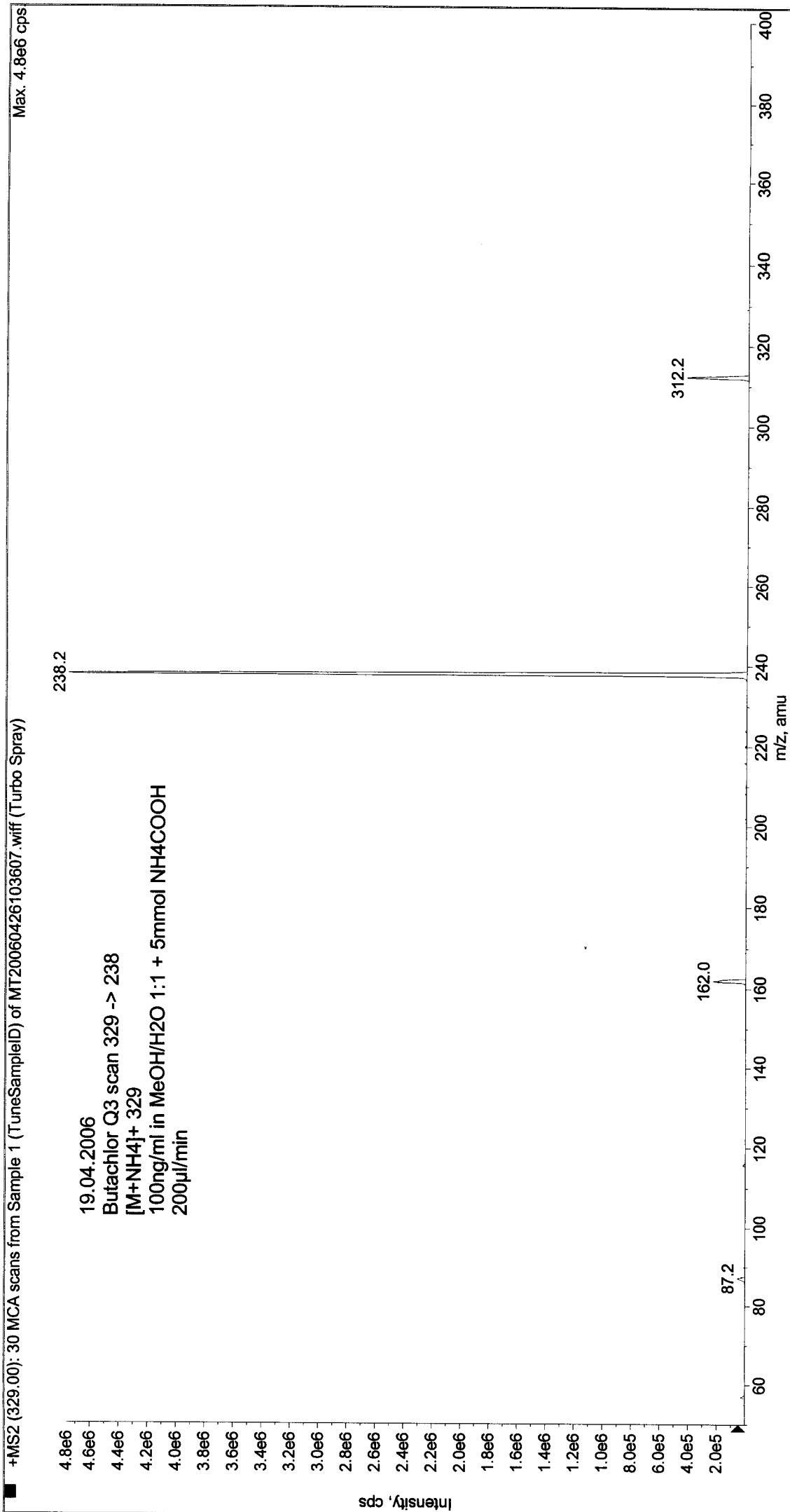
Fragmentation

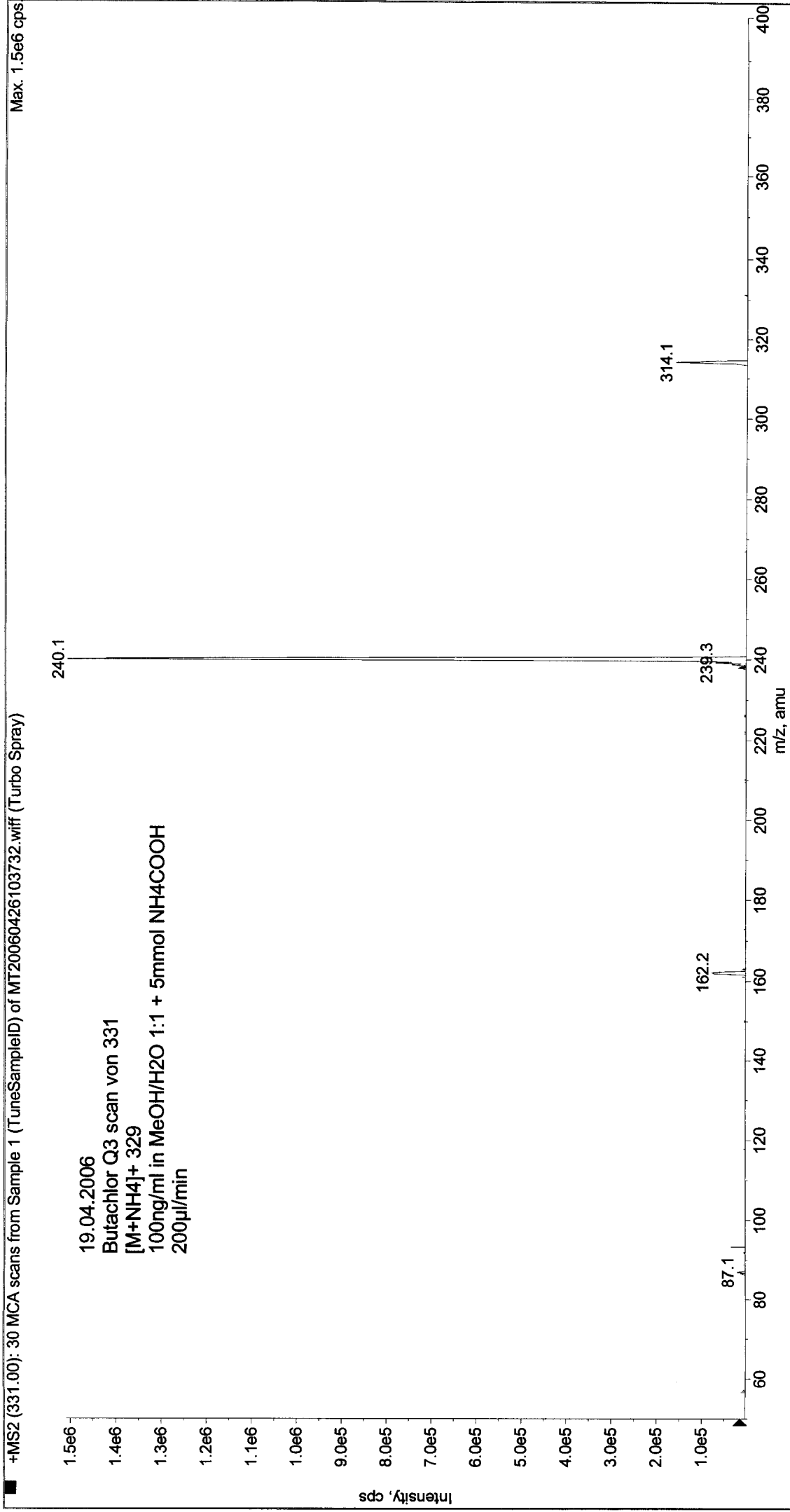


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060426102343.wiff (Turbo Spray)

Max. 3.4e8 cps







Printing Time: 10:55:52

Printing Date: Wednesday, April 26, 2006

Acq. Time: 10:54

Acq. Date: Wednesday, April 26, 2006

Acq. File: MT20060426105449.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

