

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

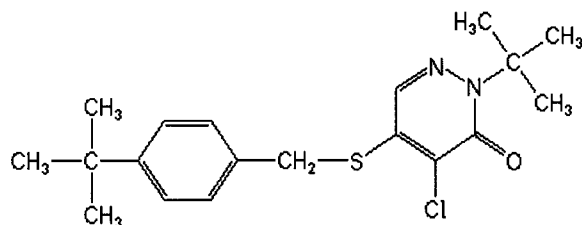
Analyte: Pyridaben

CAS No.: 96489-71-3

Formula: C₁₉H₂₅ClN₂O₂S

Molecular mass (lowest isotopes): 365,14 amu

Structure:



Ionisation: ESI +

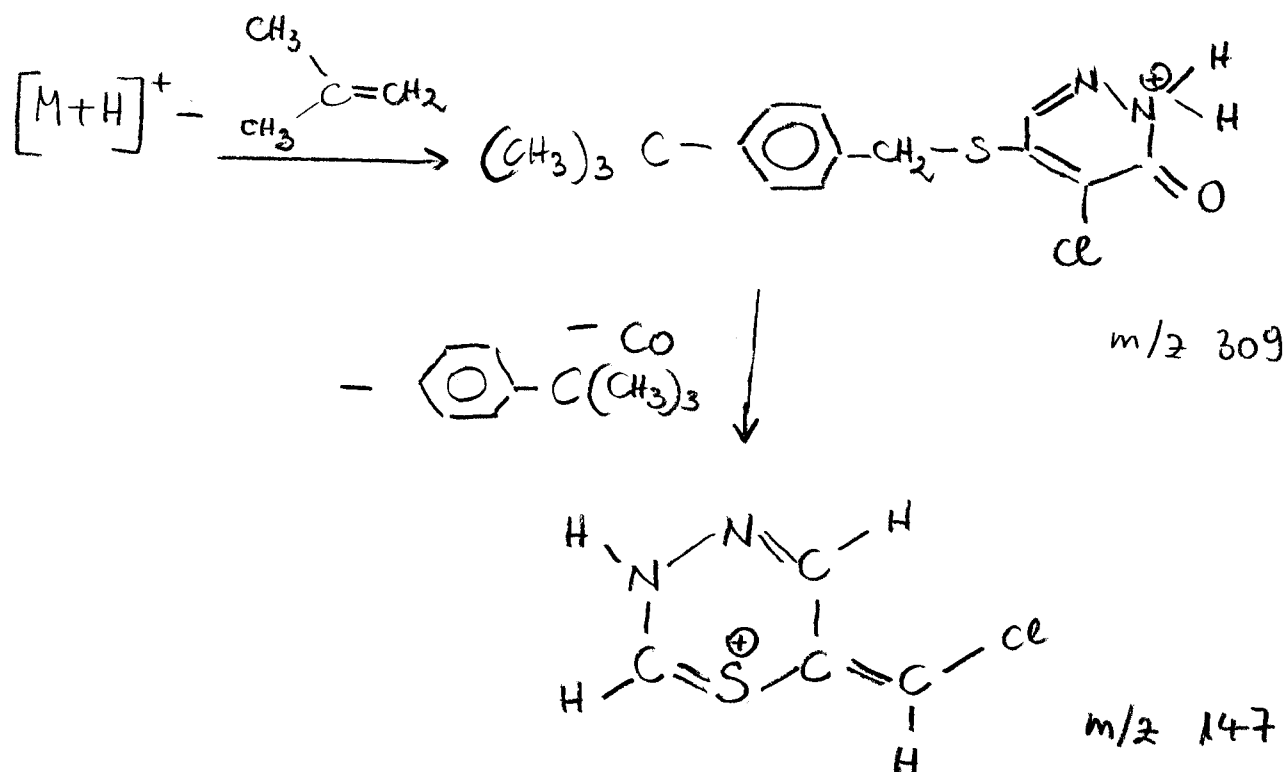
Quasimolecular ion: 365,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	365,1 → 309,1	365,1 → 147,2
Declustering potential (DP) ^{*)}	24 V	24 V
Focusing potential (FP)	360 V	360 V
Entrance potential (EP)	12,0 V	11,5 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	19 V	31 V
Collision cell exit potential (CXP)	18 V	8 V

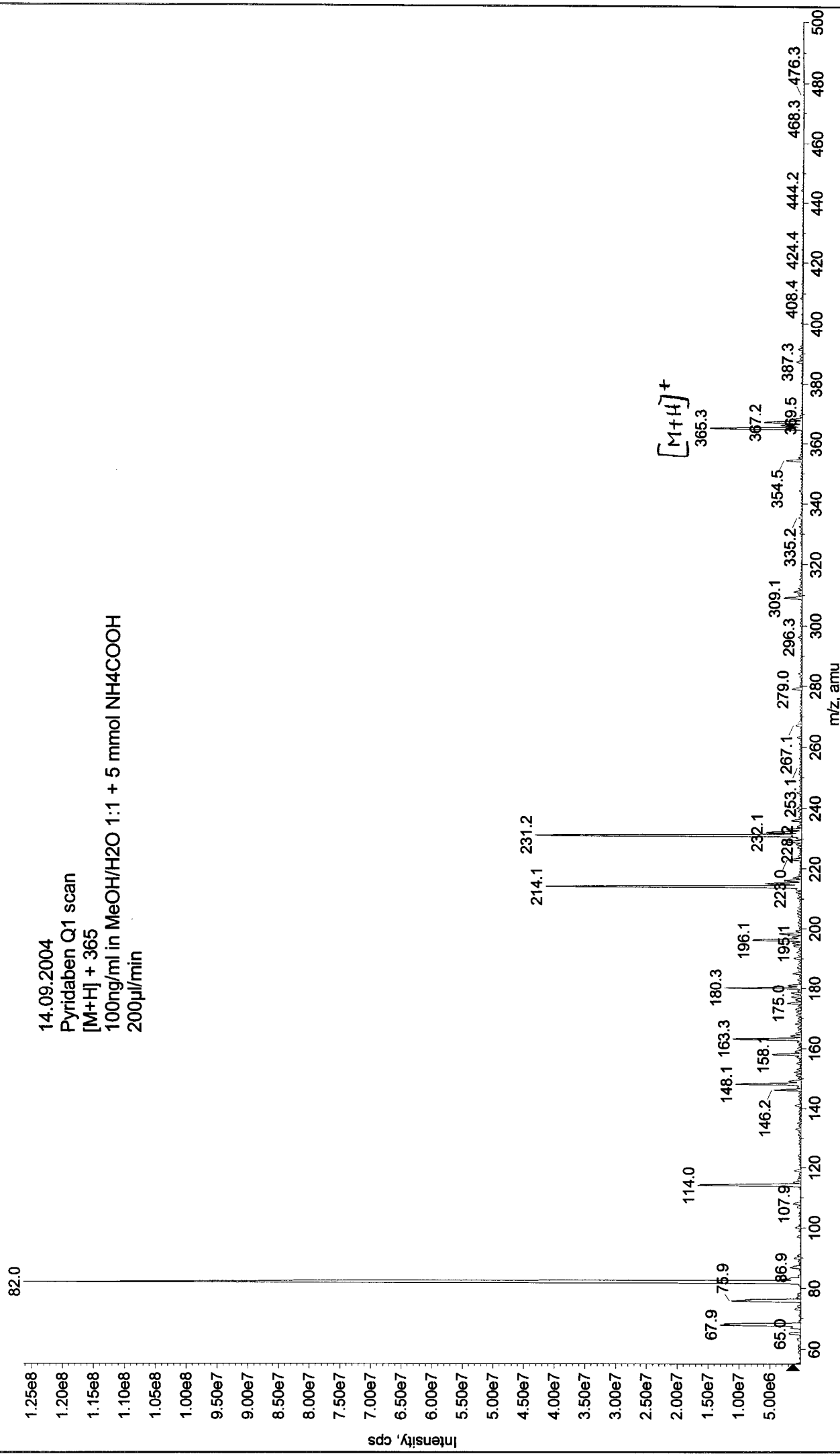
^{*)} For API 3000 and 4000 enhance DP by 20V

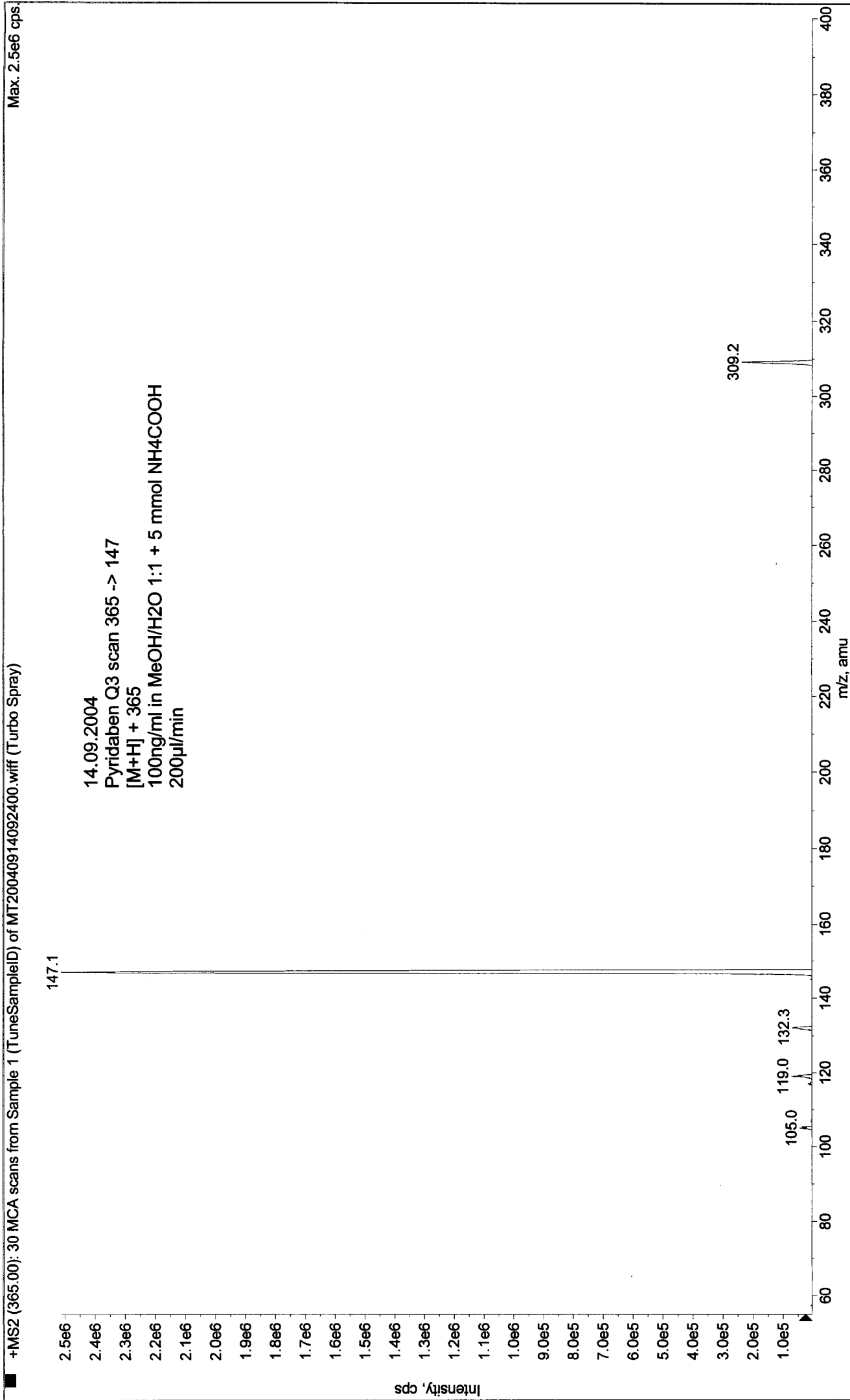
Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040914092133.wiff (Turbo Spray)

Max. 1.3e8 cps





Printing Time: 9:27:41

Printing Date: Tuesday, September 14, 2004

Acq. Time: 09:26

Acq. Date: Tuesday, September 14, 2004

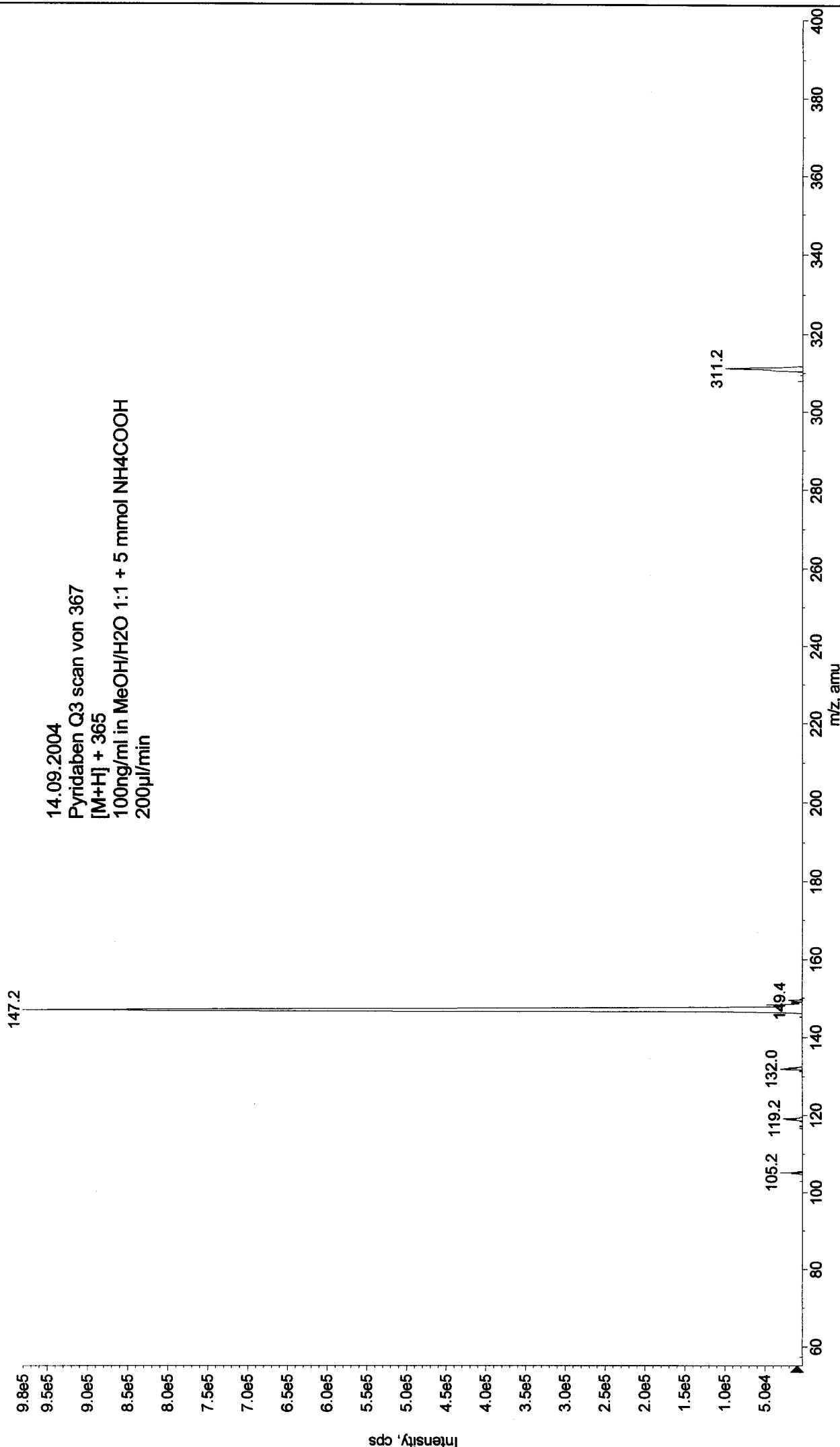
Acq. File: MT20040914092635.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

■ +MS2 (367.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040914092635.wiff (Turbo Spray) Max. 9.8e5 cps



Printing Time: 10:26:40
Printing Date: Tuesday, September 14, 2004

Acq. Time: 10:25
Acq. Date: Tuesday, September 14, 2004
Acq. File: MT20040914102530.wiff

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

