

MS/MS Parameters of Pesticides

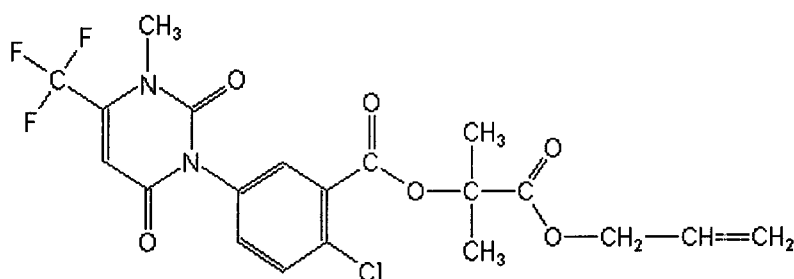
Analyte: Butafenacil

CAS No.: 134605-64-4

Formula: C₂₀H₁₈ClF₃N₂O₆

Exact molecular mass (lowest isotopes): 474,08 amu

Structure:



Ionisation: ESI +

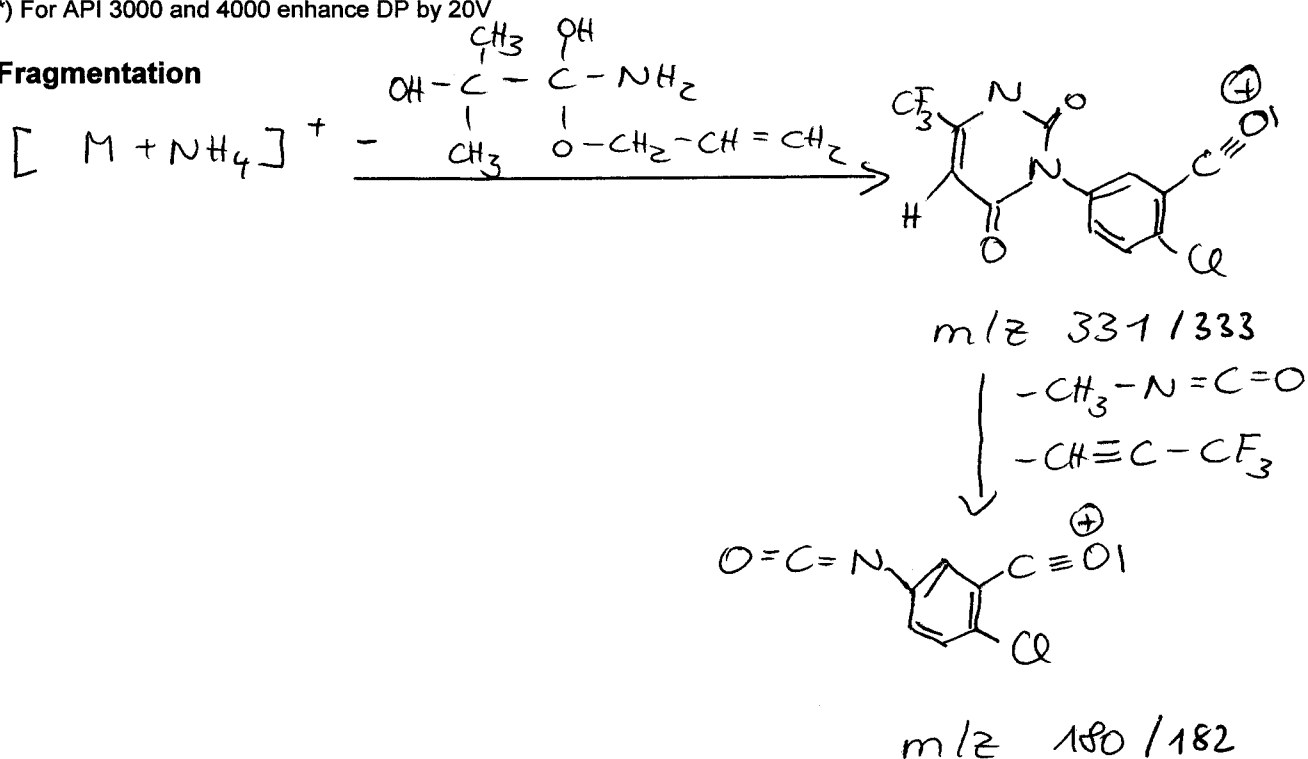
Quasimolecular ion: 492,1 amu = [M+NH₄]⁺

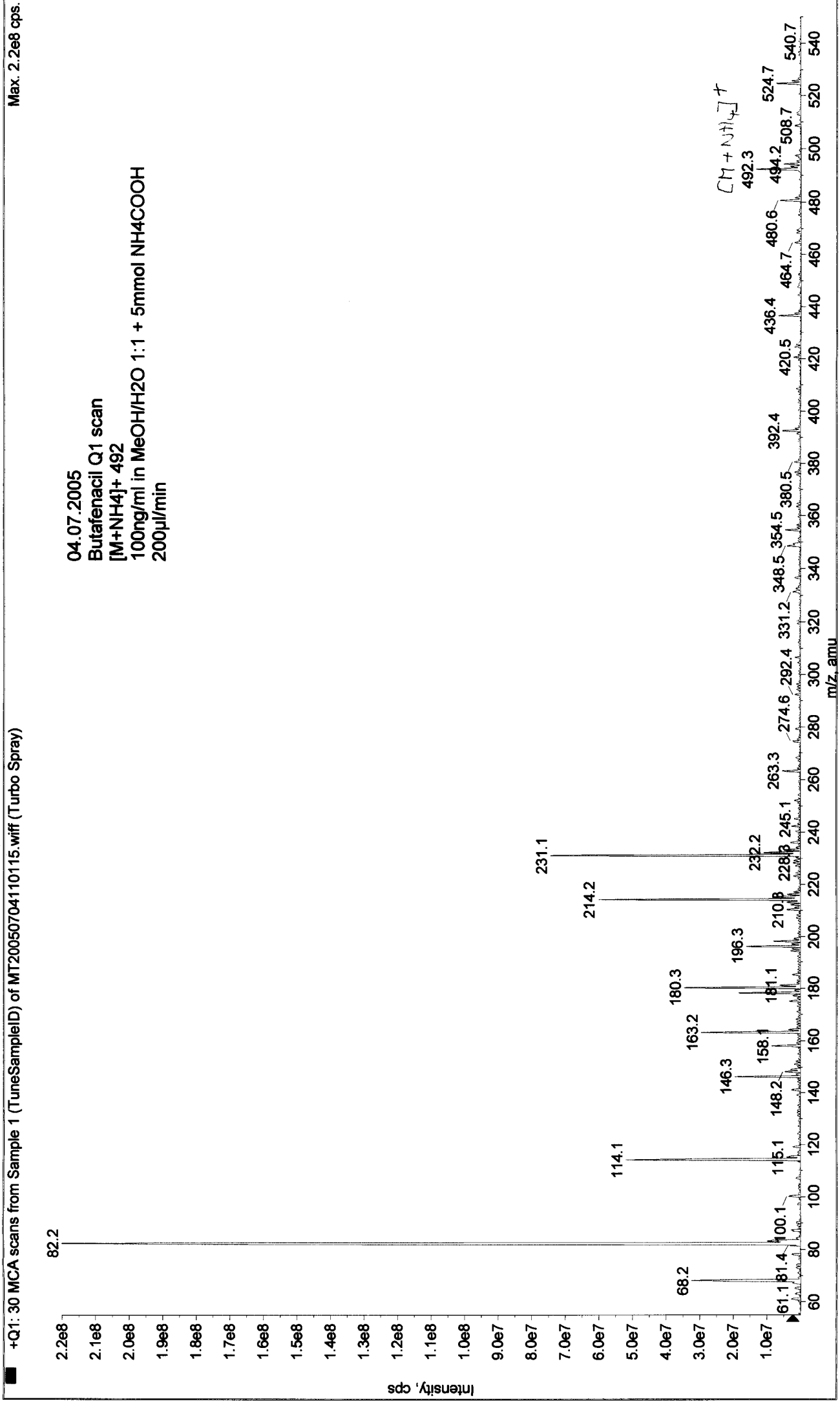
Analyte sensitive parameter set (API 2000)

Transition	492,1 → 180,1	492,1 → 331,0
Declustering potential (DP) ^{*)}	36V	36 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	10,0 V	11,0 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	59 V	29 V
Collision cell exit potential (CXP)	8 V	18 V

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

Fragmentation



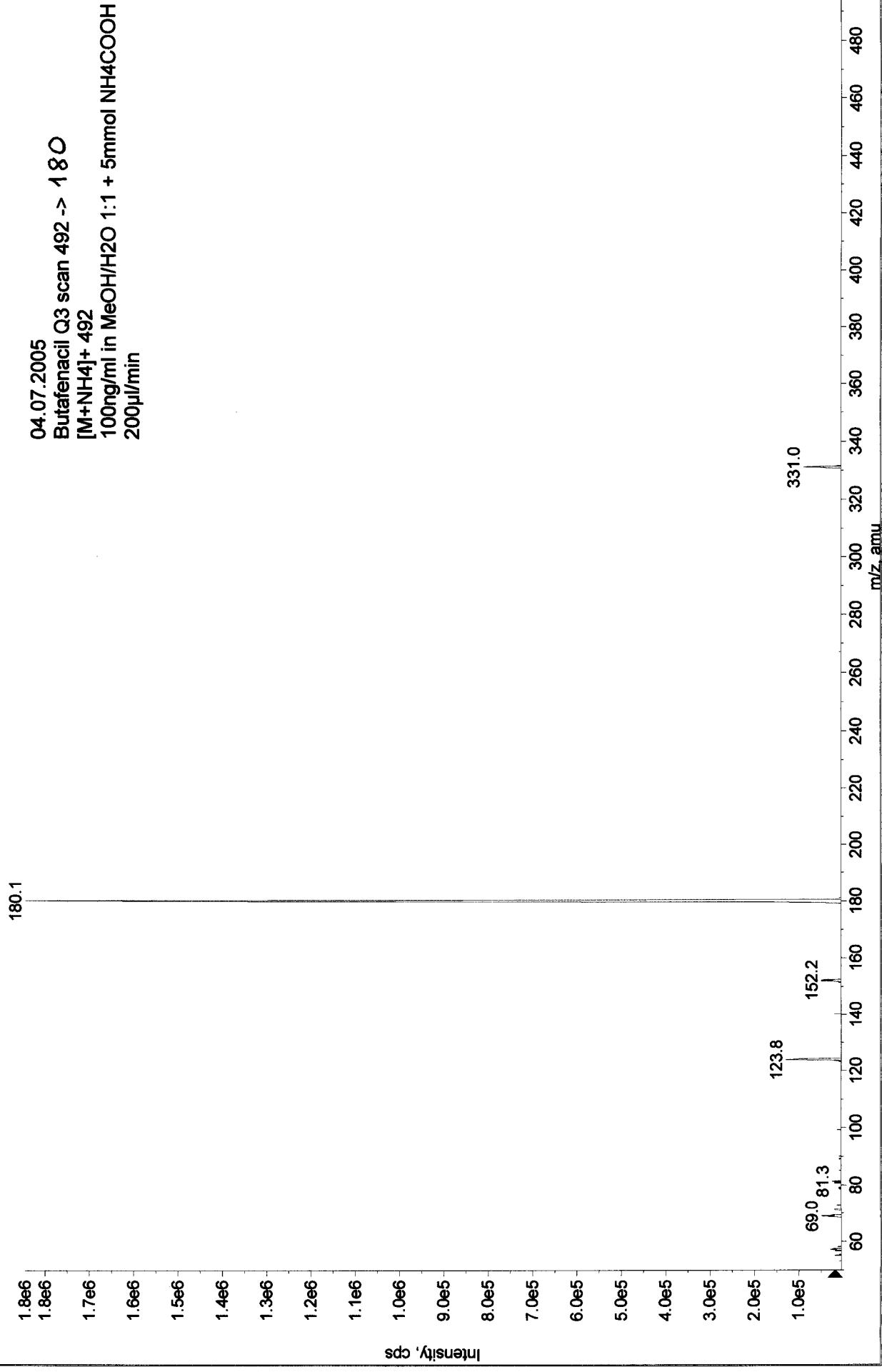


Printing Time: 11:07:49
Printing Date: Monday, July 04, 2005

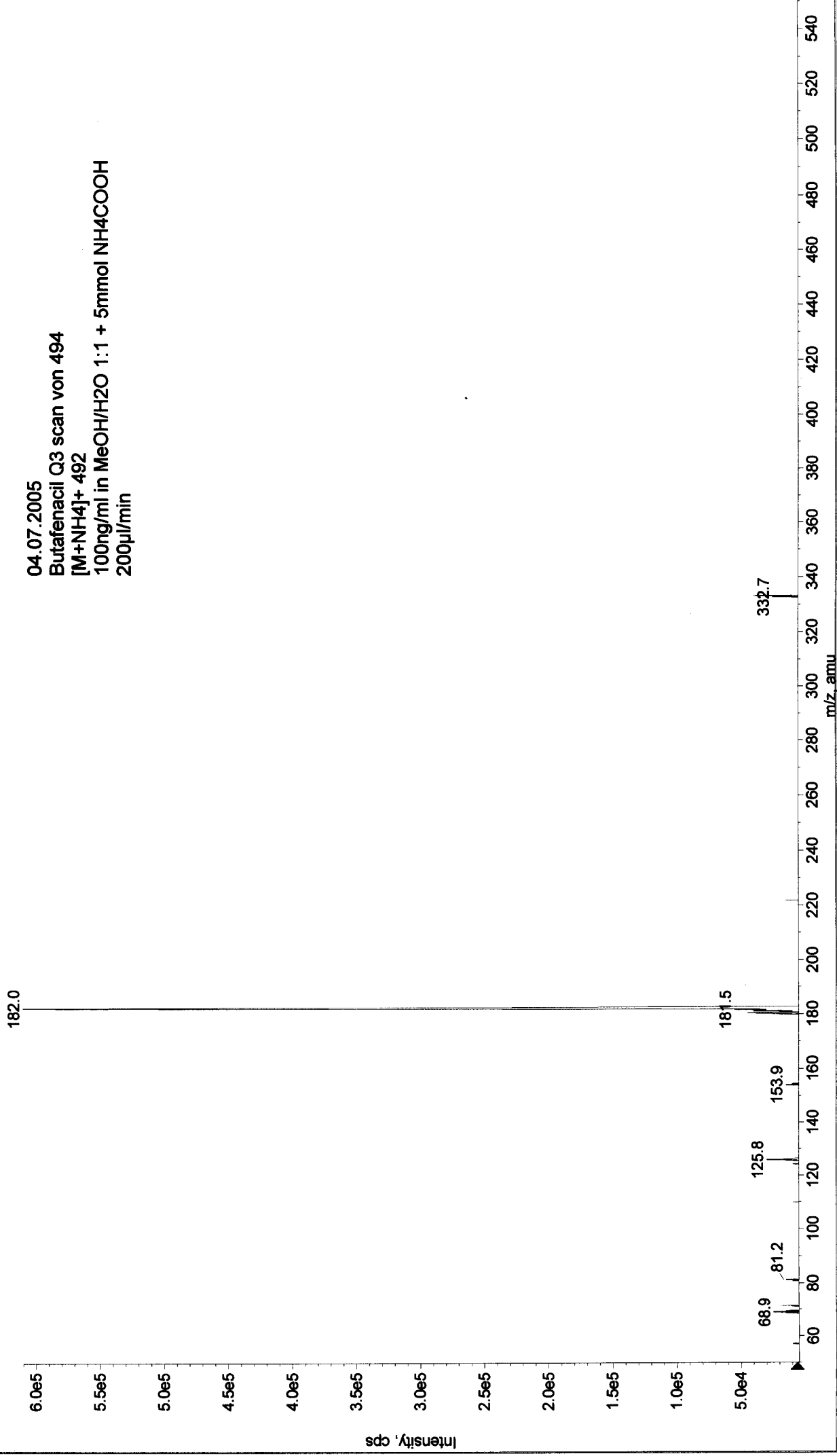
Acq. Time: 11:06
Acq. Date: Monday, July 04, 2005
Acq. File: MT20050704110635.wiff

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

■ +MS2 (492.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050704110635.wiff (Turbo Spray) Max. 1.8e6 cps.



■ +MS2 (494.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050704110810.wiff (Turbo Spray)



Printing Time: 11:44:54

Printing Date: Monday, July 04, 2005

Acq. Time: 11:43

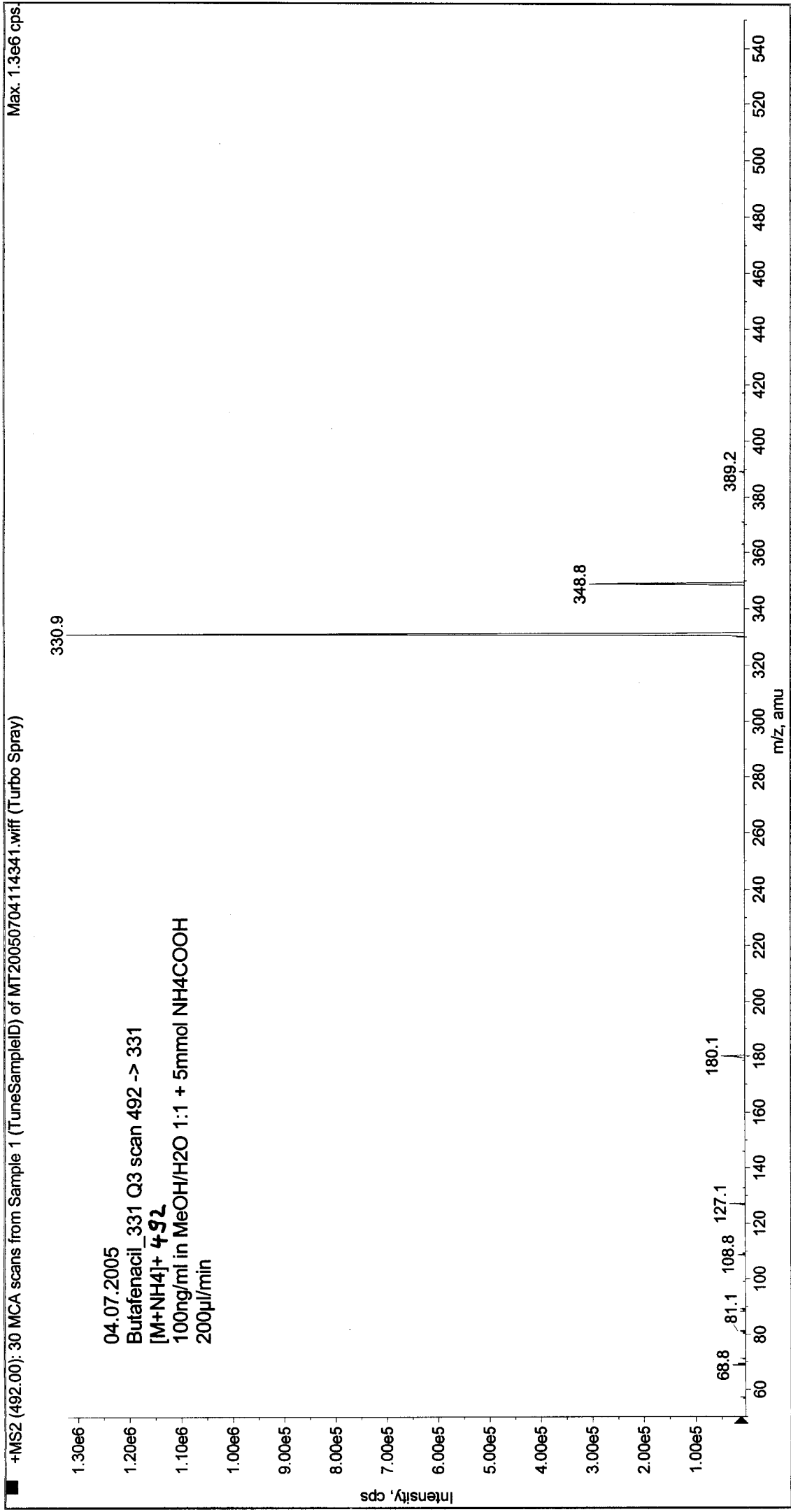
Acq. Date: Monday, July 04, 2005

Acq. File: MT20050704114341.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat



Printing Time: 11:46:29
Printing Date: Monday, July 04, 2005

Acq. Time: 11:45
Acq. Date: Monday, July 04, 2005
Acq. File: MT20050704114507.wiff

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

