

MS/MS Parameters of Pesticides

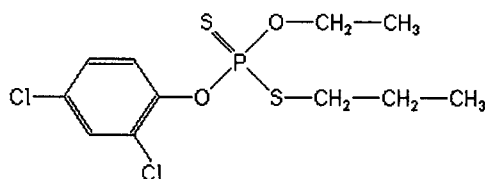
Analyte: Prothiofos

CAS No.: 34643-46-4

Formula: C₁₁H₁₅Cl₂O₂PS₂

Molecular mass (lowest isotopes): 343,96 amu

Structure:



Ionisation: ESI +

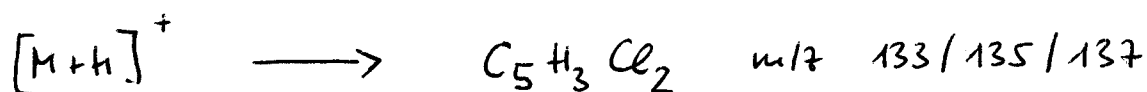
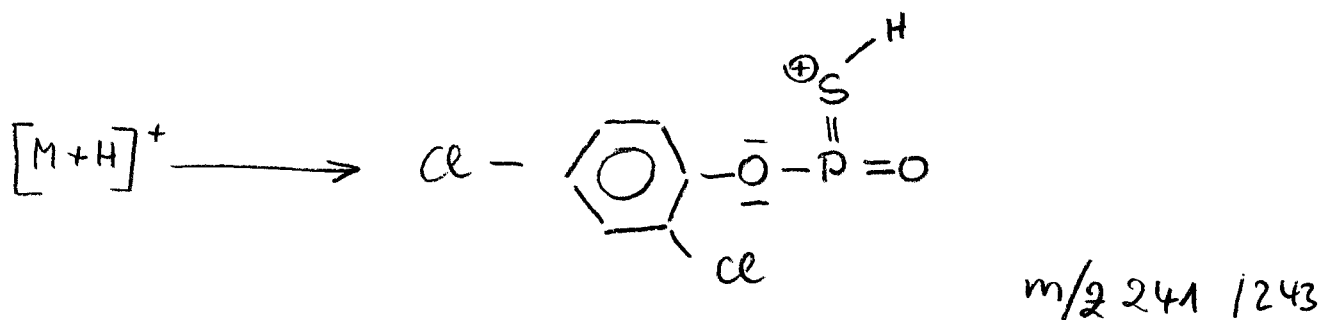
Quasimolecular ion: 344,9 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	344,9 → 240,9	344,9 → 133,0
Declustering potential (DP) ^{*)}	44 V	44 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	27 V	69 V
Collision cell exit potential (CXP)	12 V	6 V

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

Fragmentation

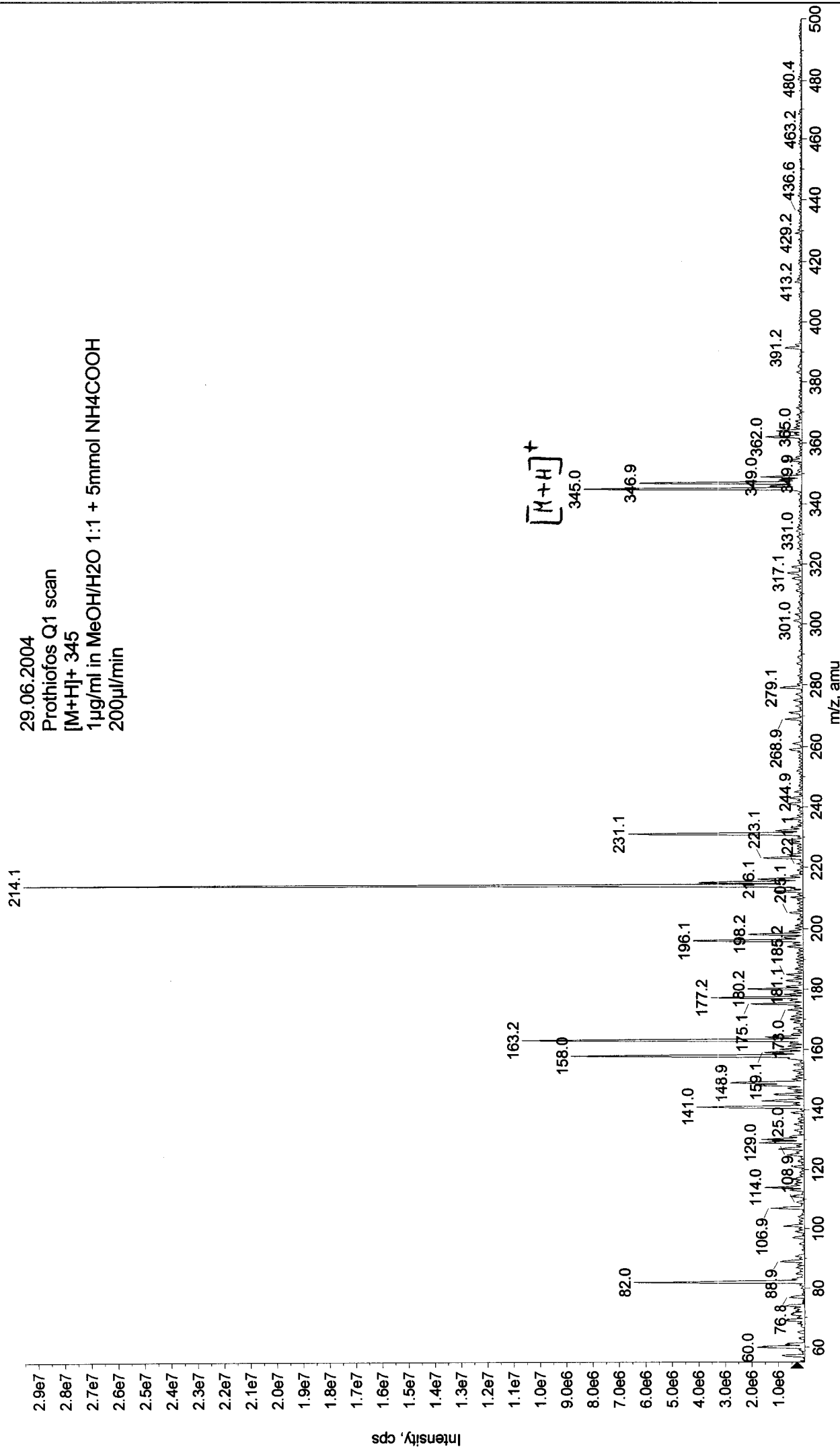


Acq. Time: 08:15
Acq. Date: Tuesday, June 29, 2004
Acq. File: MT20040629081523.wiff

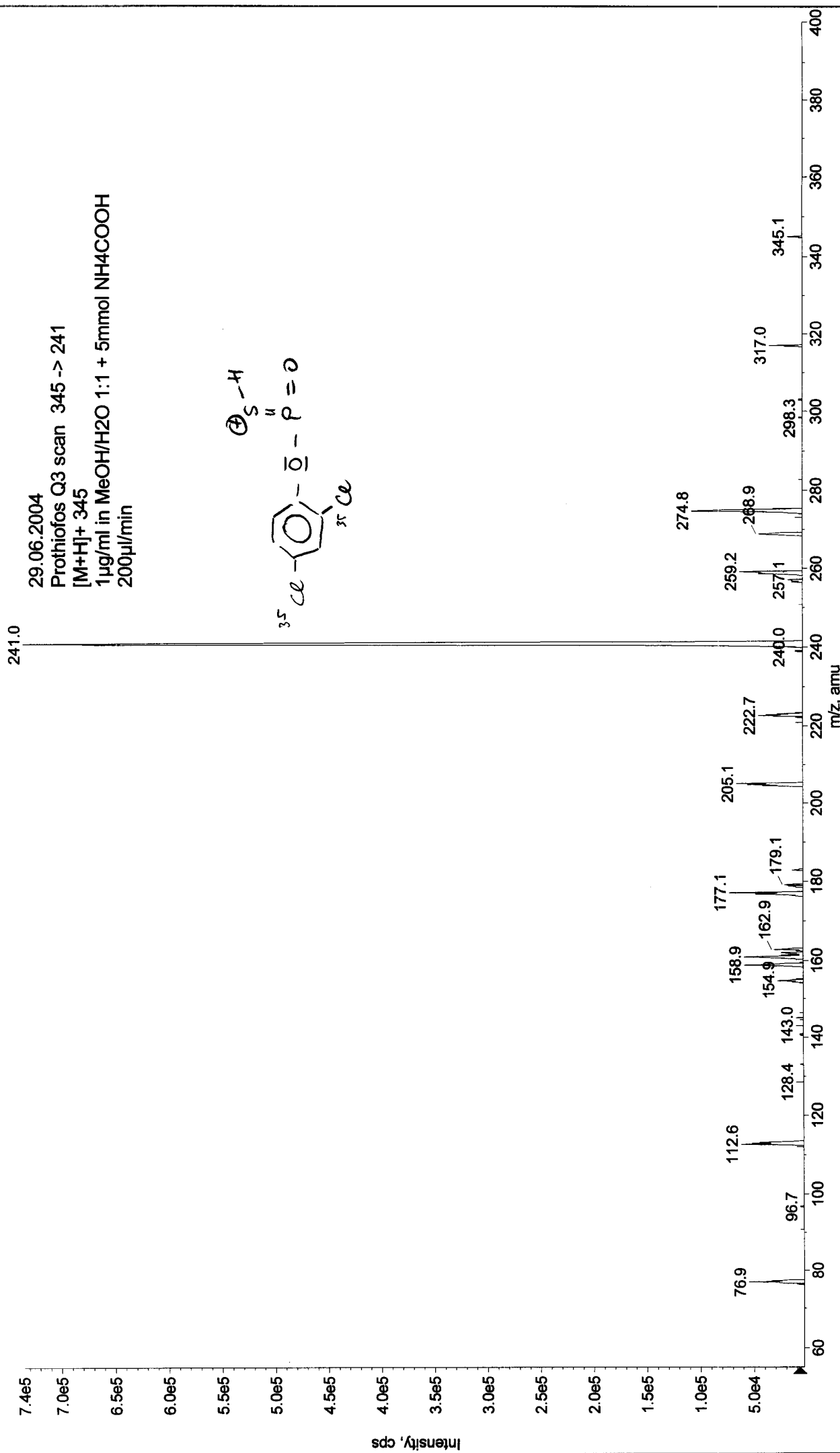
Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

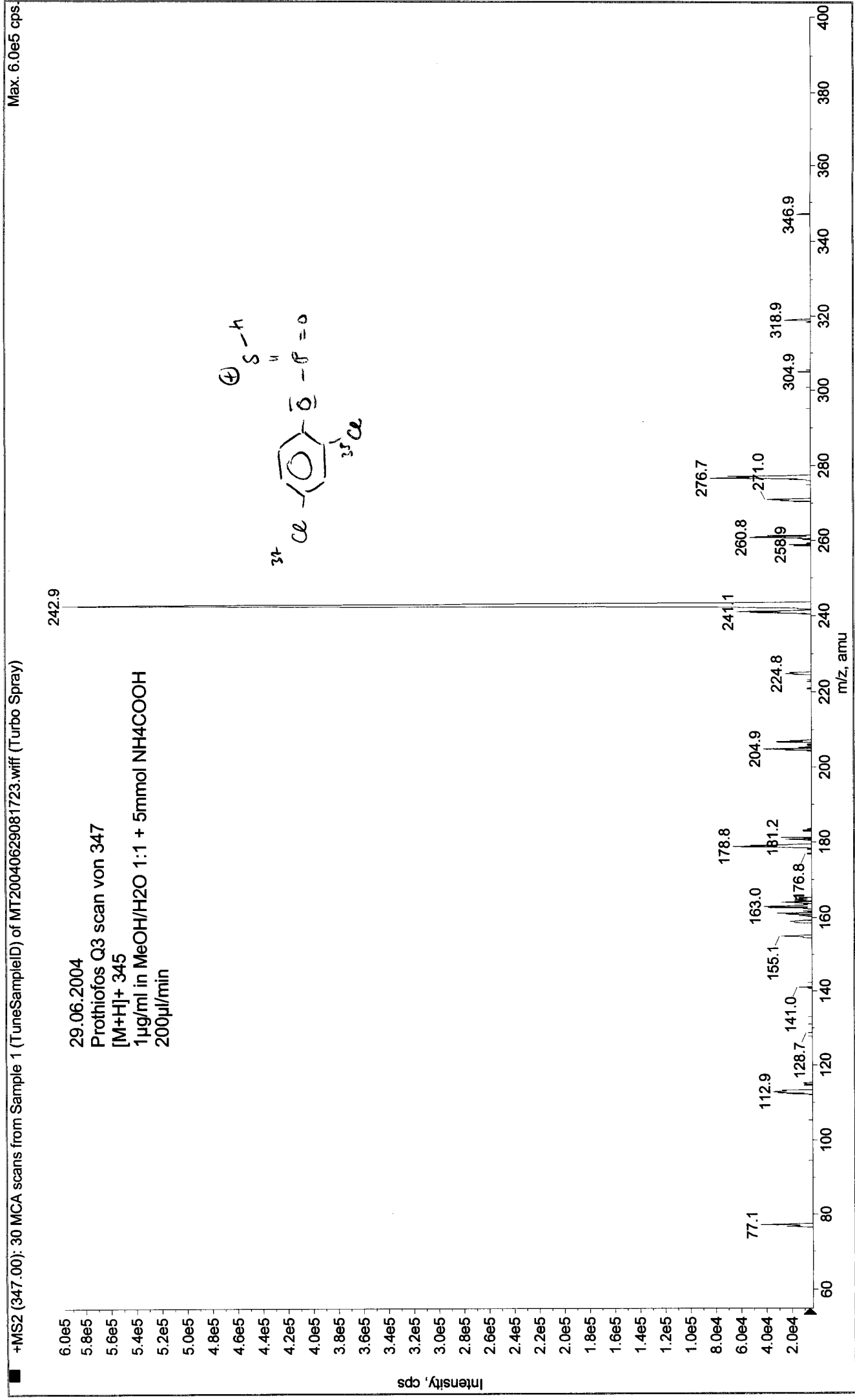
Max. 3.0e7 cps.

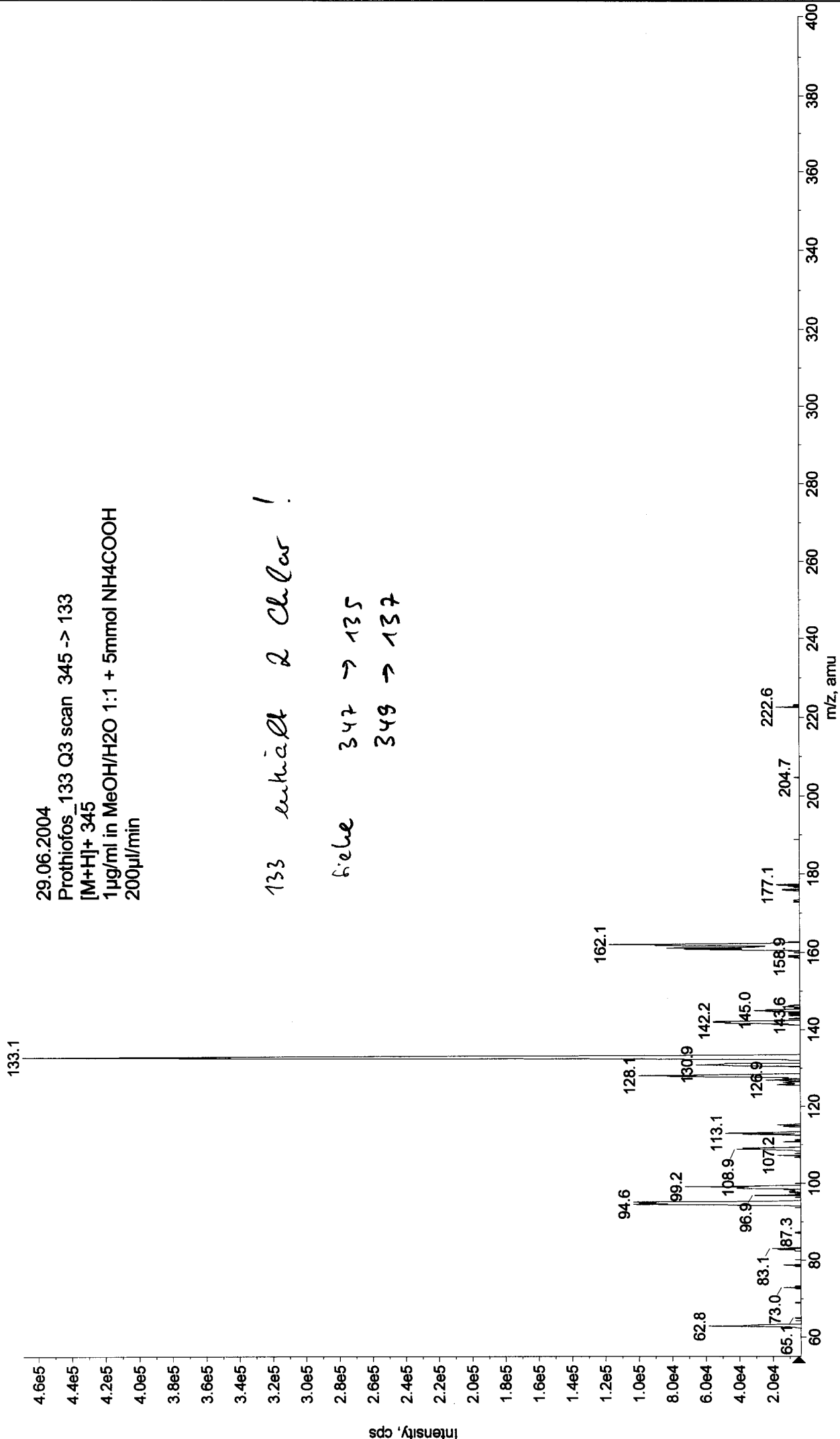
■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040629081523.wiff (Turbo Spray)

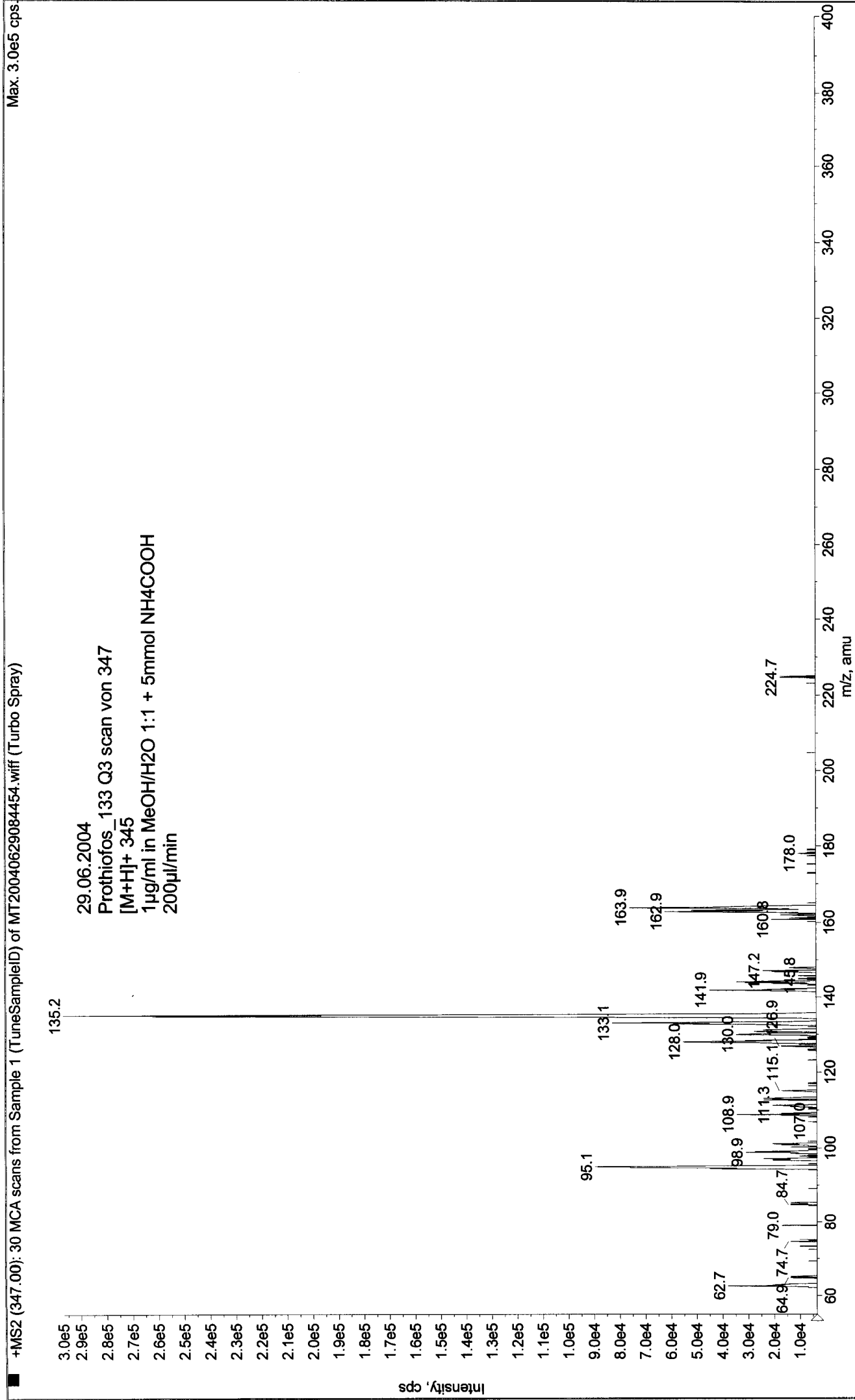


	Max. 7.4e5 cps.
+MS2 (345.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040629080437.wiff (Turbo Spray)	









Printing Time: 8:47:31

Printing Date: Tuesday, June 29, 2004

Acq Time: 08:46

Acq Date: Tuesday, June 29, 2004

Acq. File: MT20040629084621.wiff

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

Max. 5.5e4 cps.

■ +MS2 (349.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040629084621.wiff (Turbo Spray)

