

MS/MS Parameters of Pesticides

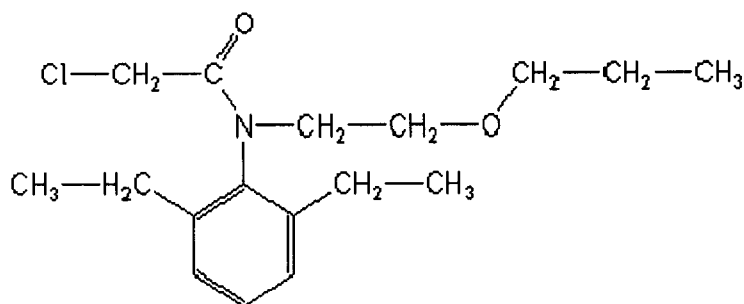
Analyte: Pretilachlor

CAS No.: 51218-49-6

Formula: C₁₇H₂₆ClNO₂

Molecular mass (lowest isotopes): 311,17 amu

Structure:



Ionisation: ESI +

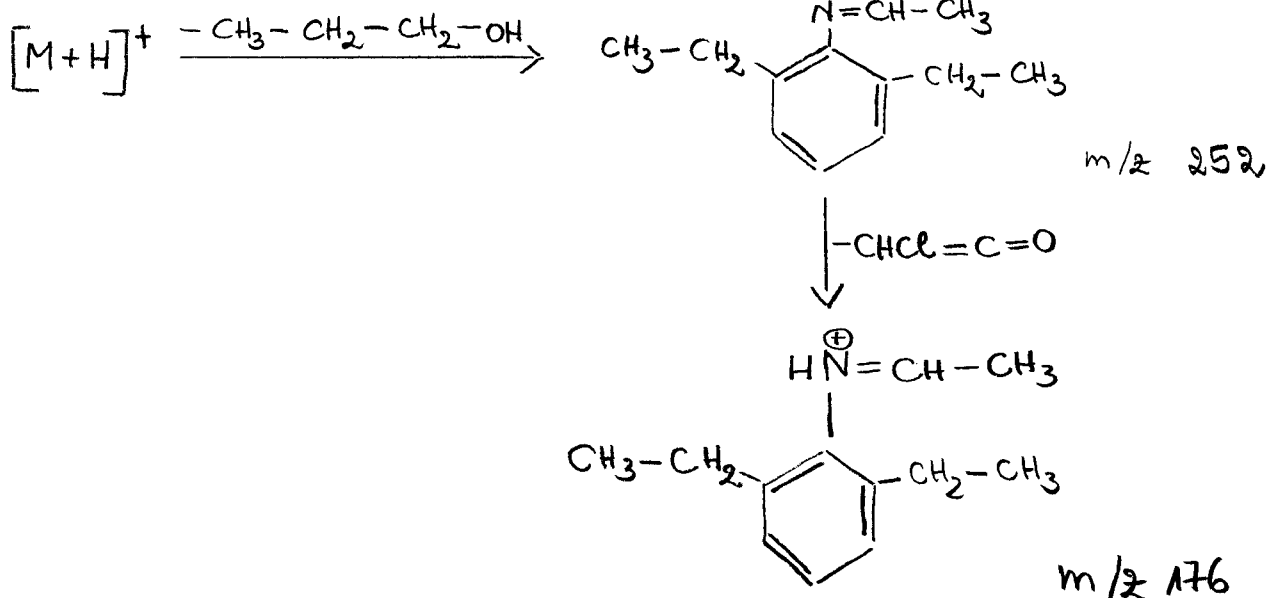
Quasimolecular ion: 312,2 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	312,2 → 252,1	312,2 → 176,2
Declustering potential (DP) ^{*)}	16 V	16 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	7,5 V	8 V
Collision cell entrance potential (CEP)	22 V	20 V
Collision energy (CE)	21 V	37 V
Collision cell exit potential (CXP)	14 V	8 V

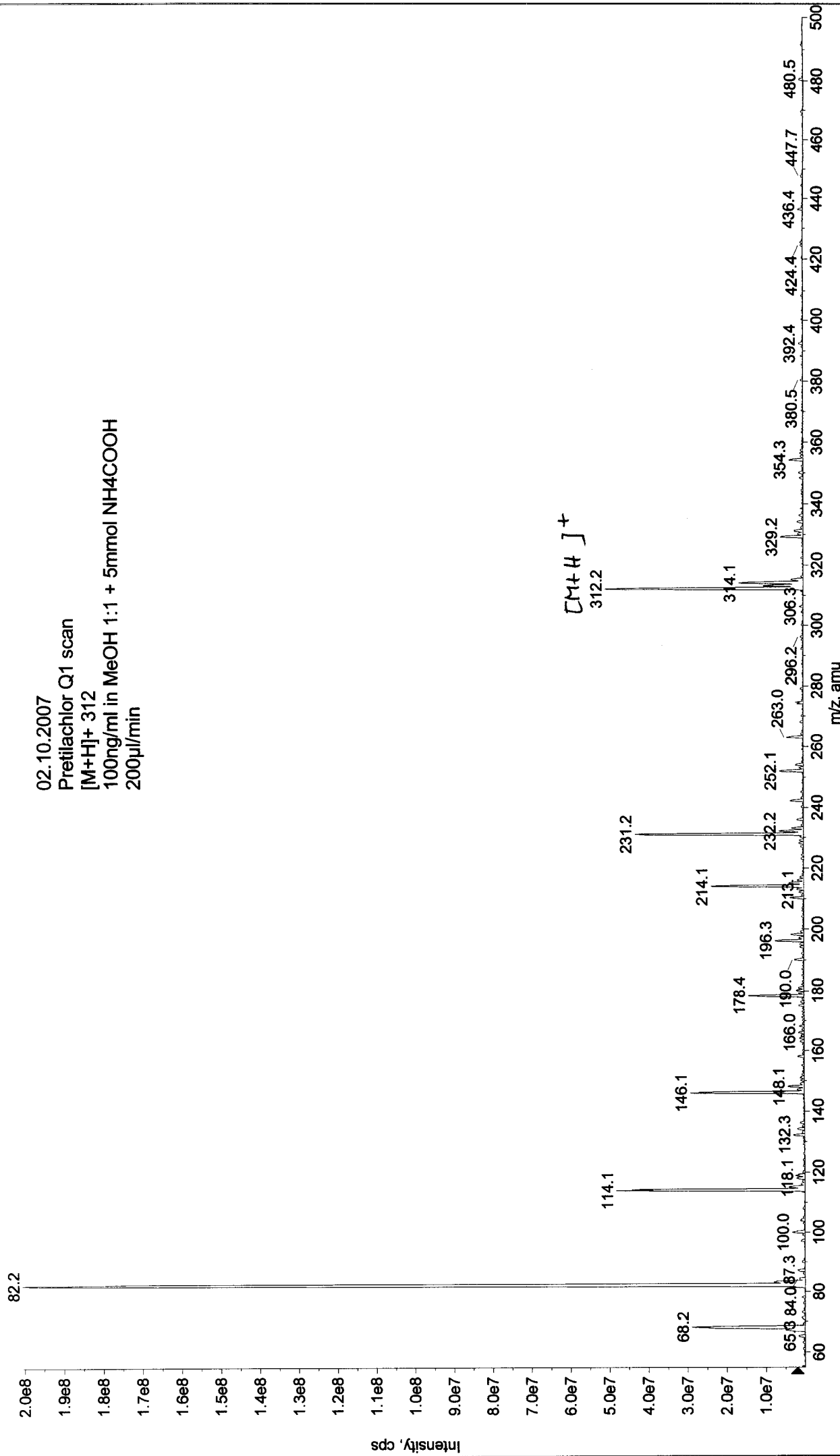
^{*)} For API 3000 and 4000 enhance DP by 20V

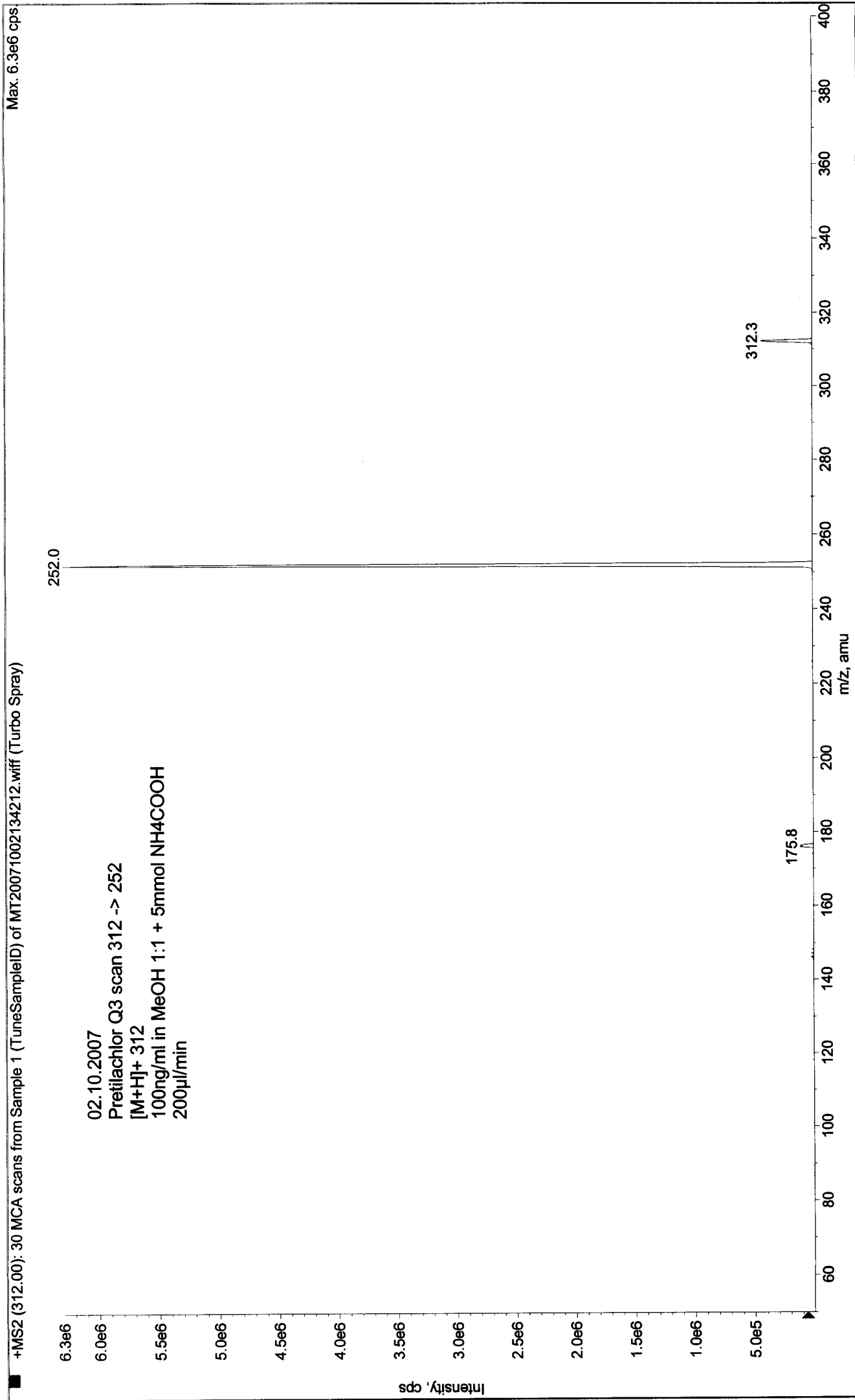
Fragmentation

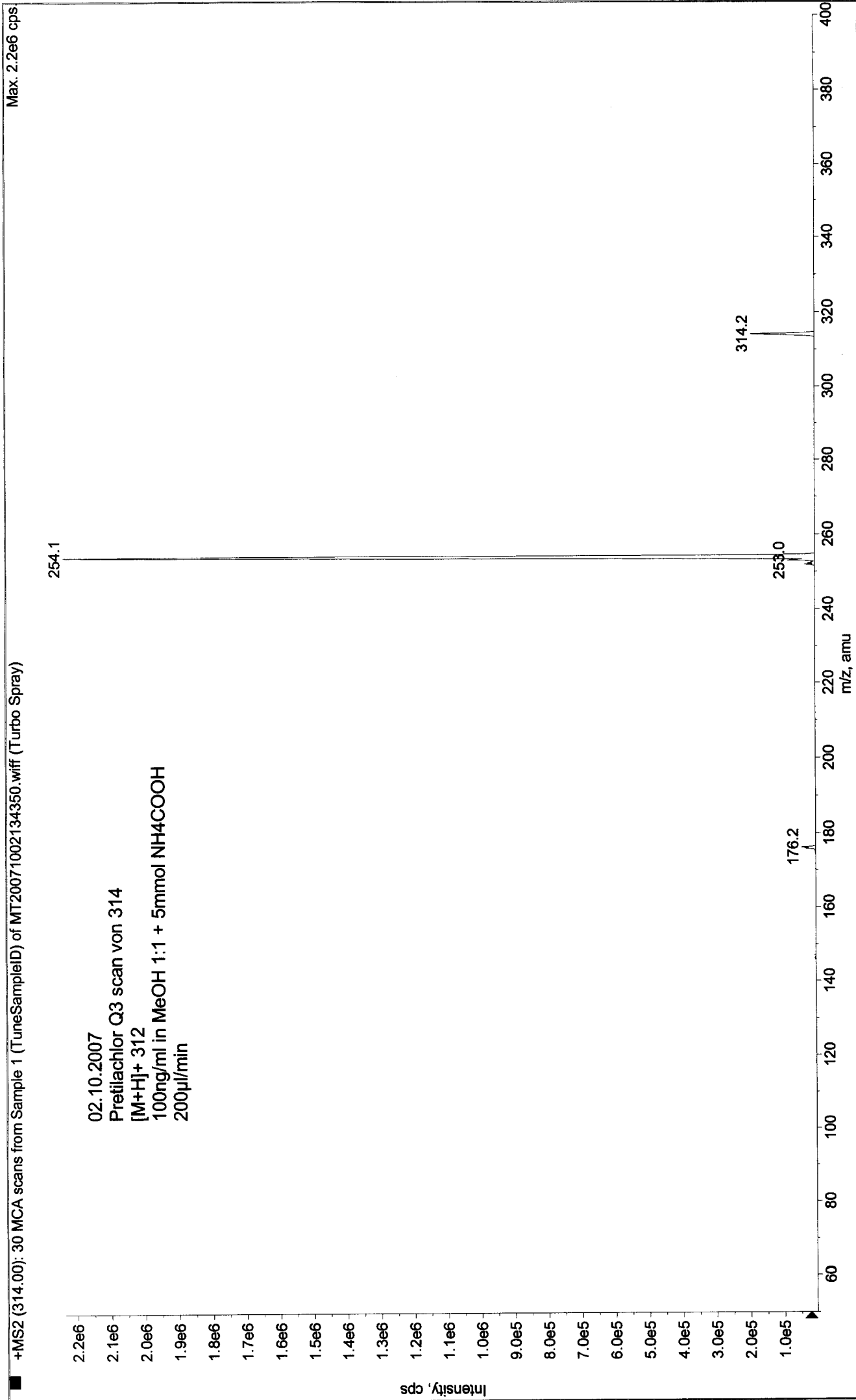


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071002133957.wiff (Turbo Spray)

Max. 2.0e8 cps

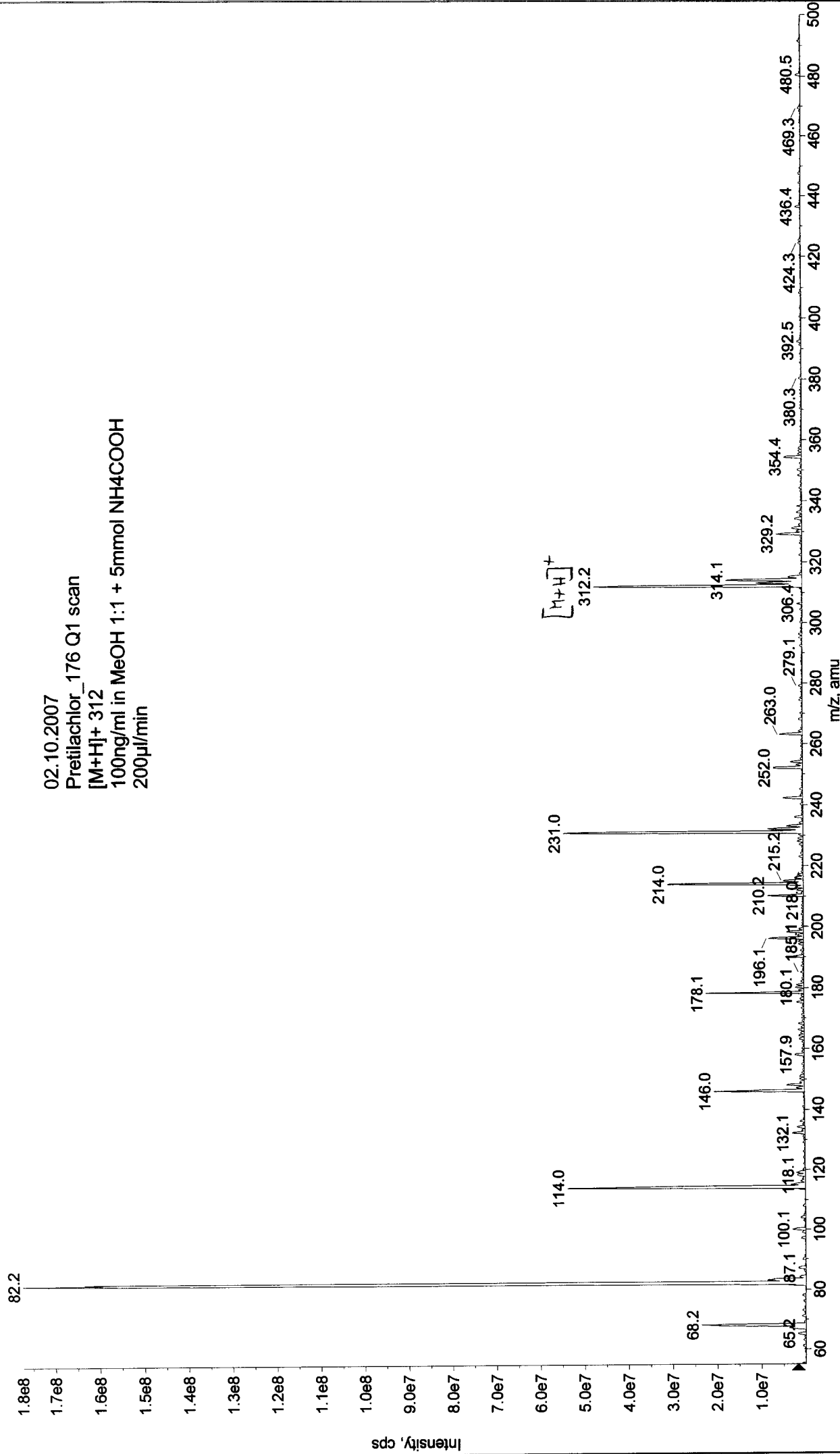


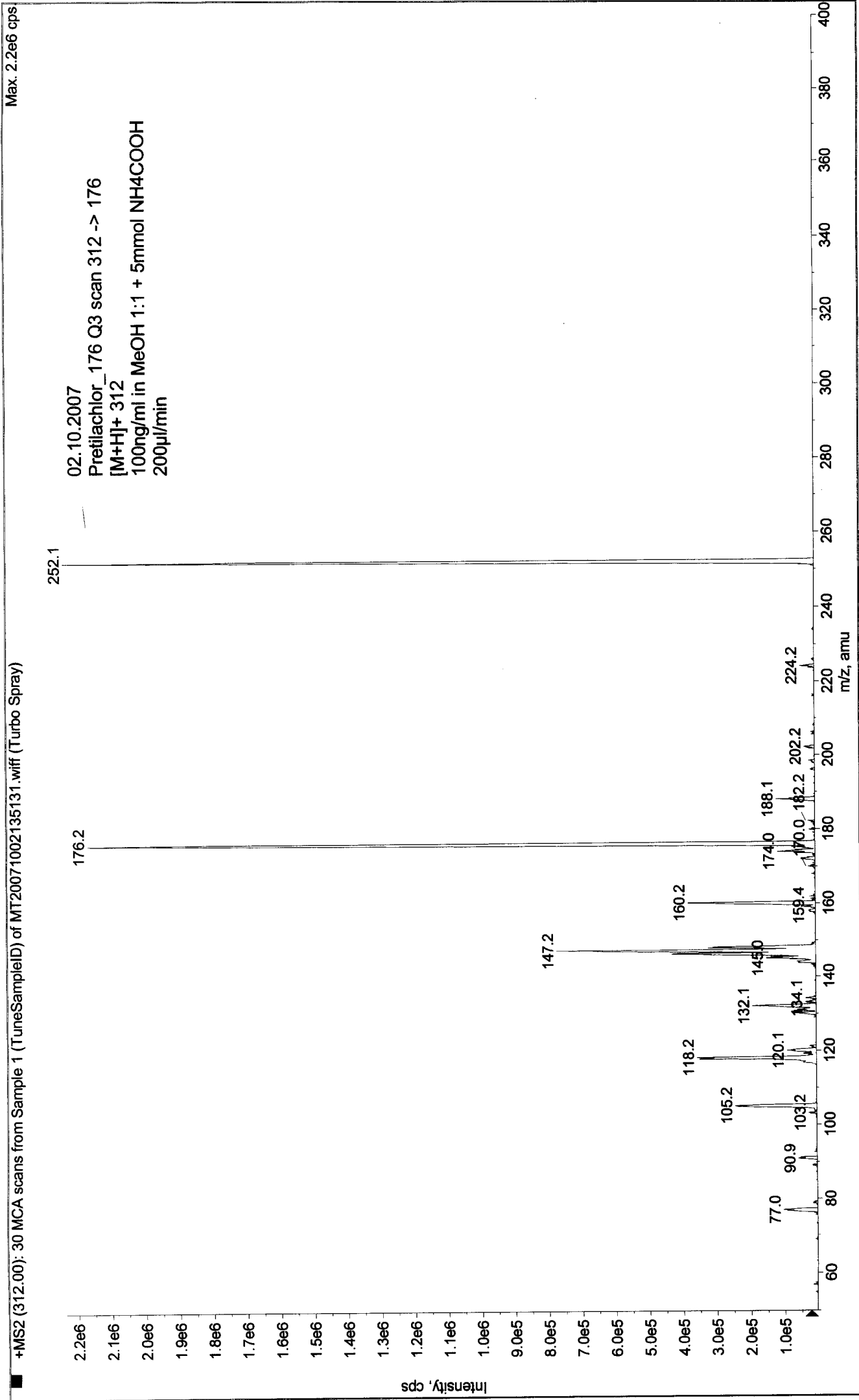




+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071002134910.wiff (Turbo Spray)

Max. 1.8e8 cps





Max. 7.2e5 cps
+MS2 (314.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071002135227.wiff (Turbo Spray)

