

MS/MS Parameters of Pesticides

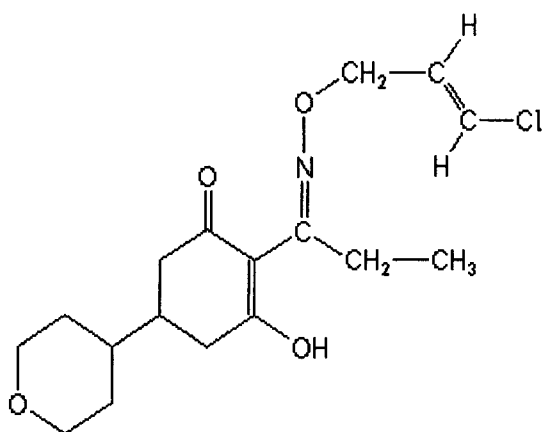
Analyte: Tepraloxydim

CAS No.: 149979-41-9

Formula: C₁₇H₂₄ClNO₄

Molecular mass (lowest isotopes): 341,14 amu

Structure:



Ionisation: ESI +

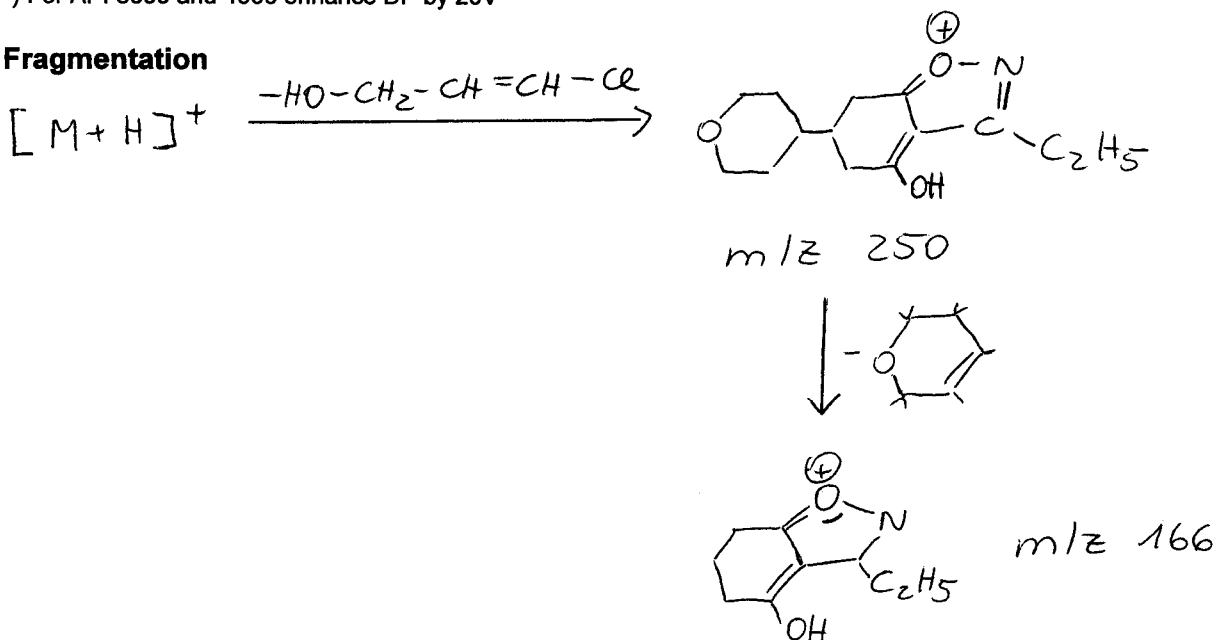
Quasimolecular ion: 342,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	342,1 → 250,1	342,1 → 166,1
Declustering potential (DP) ^{*)}	56V	56 V
Focusing potential (FP)	350 V	350 V
Entrance potential (EP)	10,5 V	10,5 V
Collision cell entrance potential (CEP)	20 V	24 V
Collision energy (CE)	19 V	29 V
Collision cell exit potential (CXP)	14 V	8 V

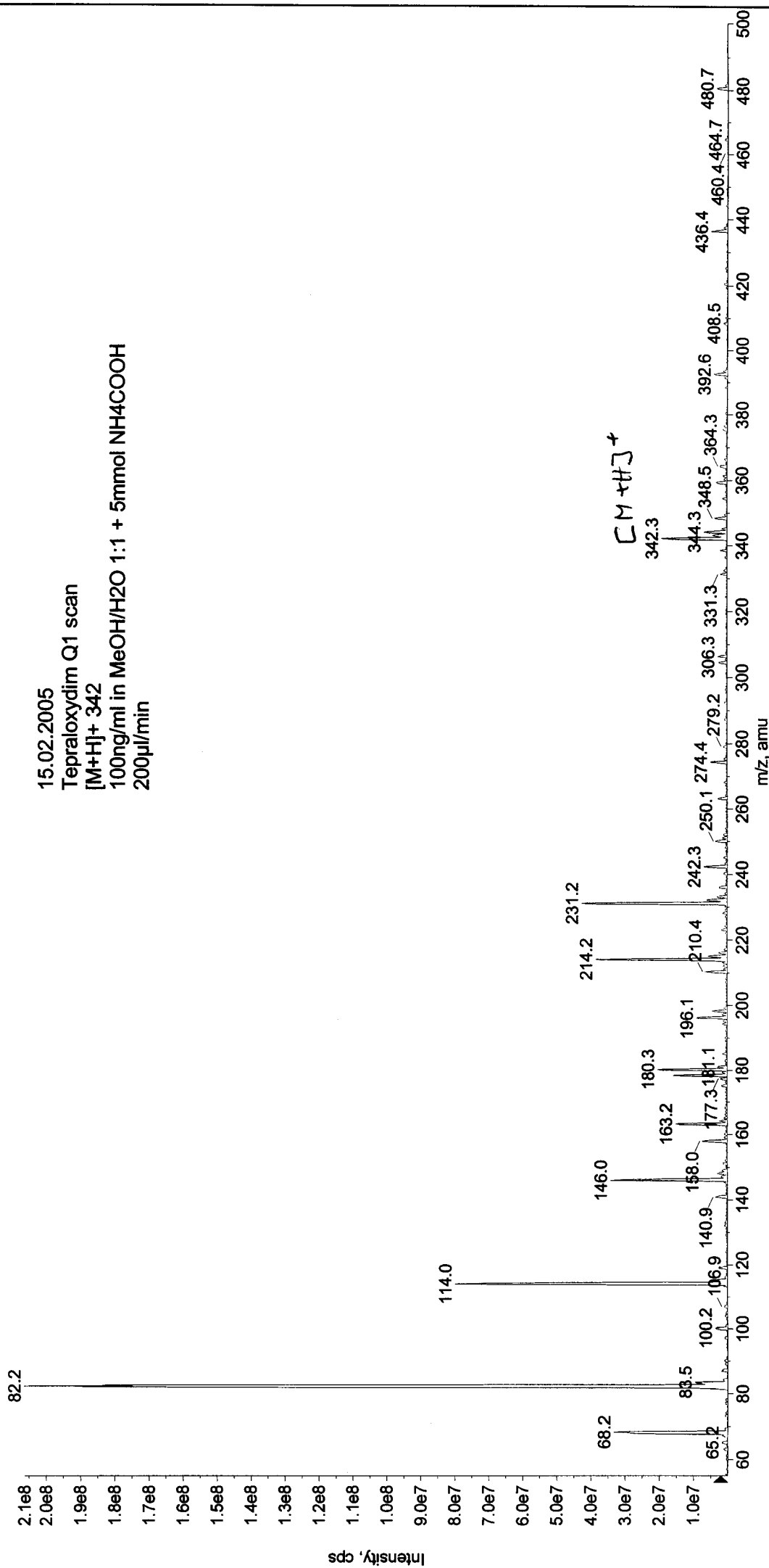
^{*)} For API 3000 and 4000 enhance DP by 20V

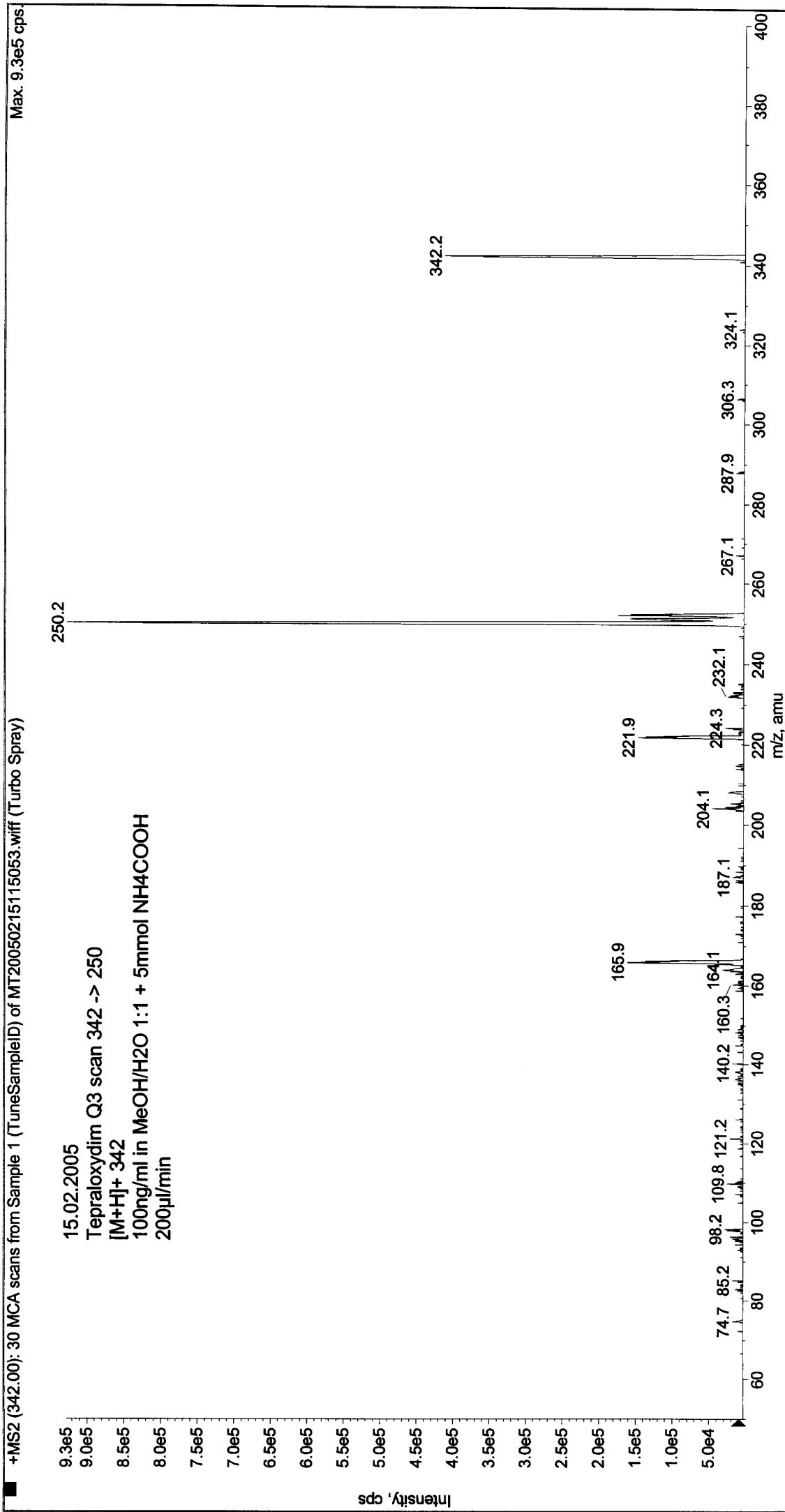
Fragmentation

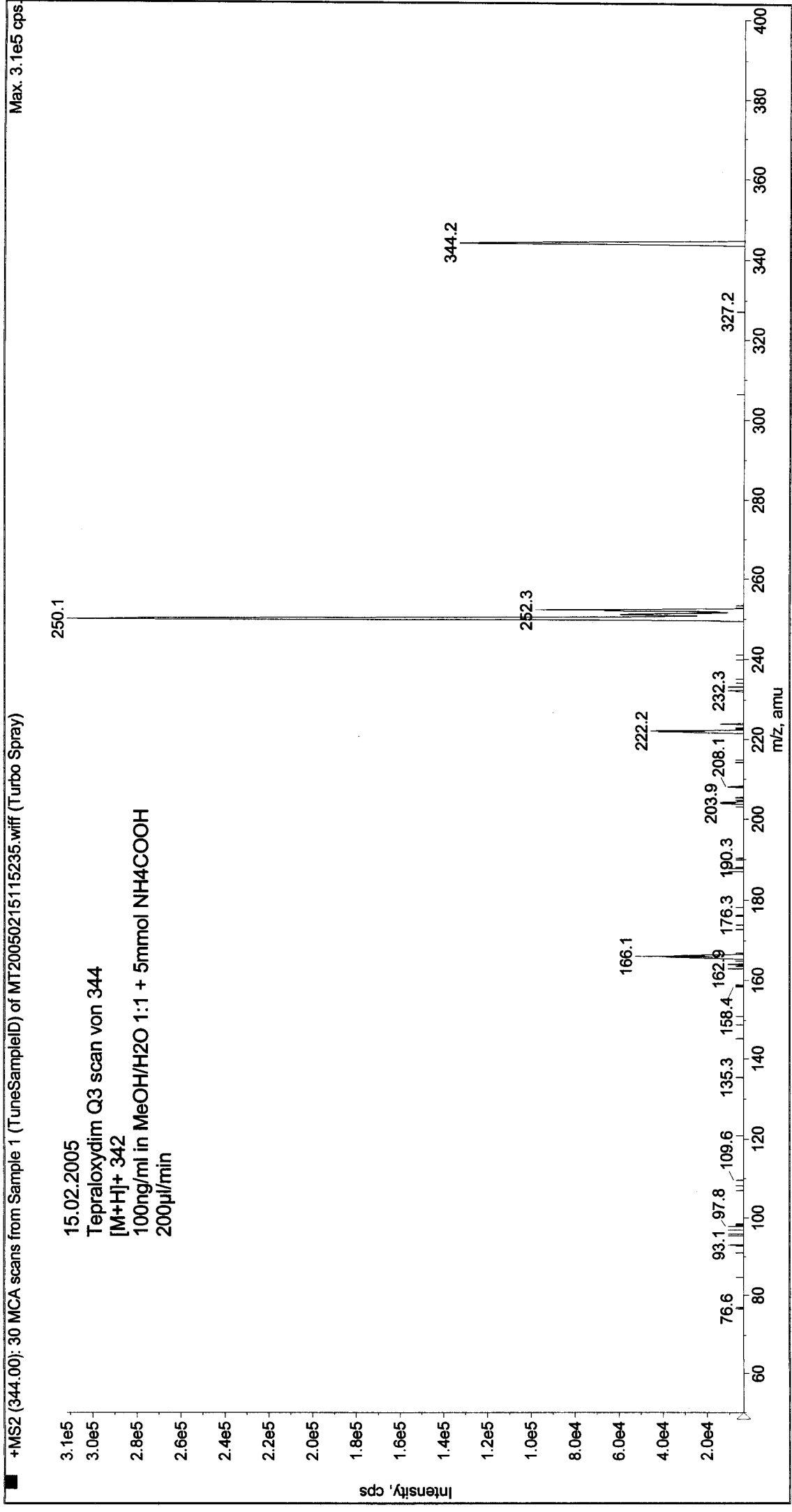


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050215114842.wiff (Turbo Spray)

Max. 2.1e8 cps



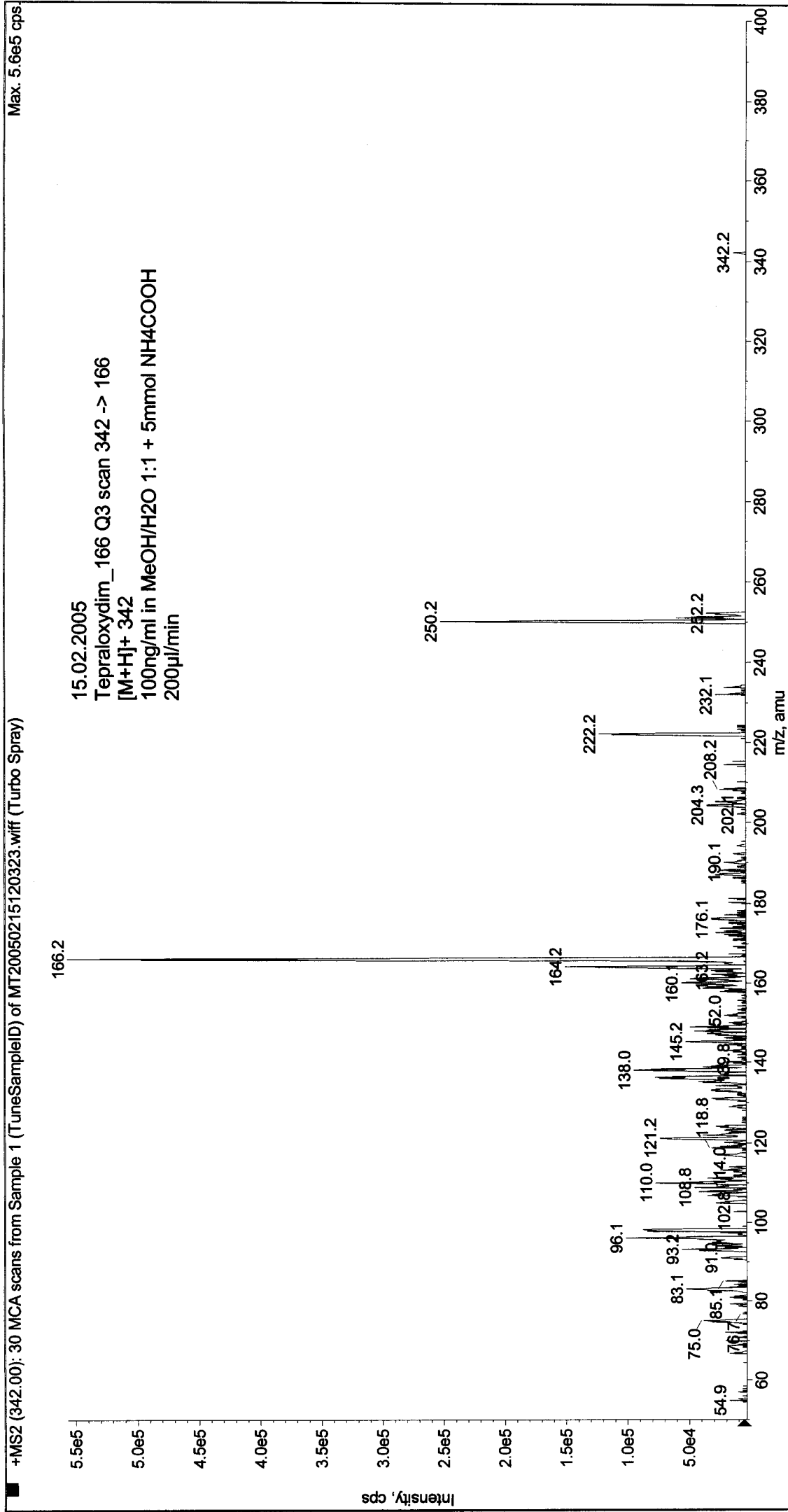




Printing Time: 12:04:54
Printing Date: Tuesday, February 15, 2005

Acq. Time: 12:03
Acq. Date: Tuesday, February 15, 2005
Acq. File: MT20050215120323.wiff

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



+MS2 (344.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050215120509.wiff (Turbo Spray)

Max. 2.1e5 cps

