

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

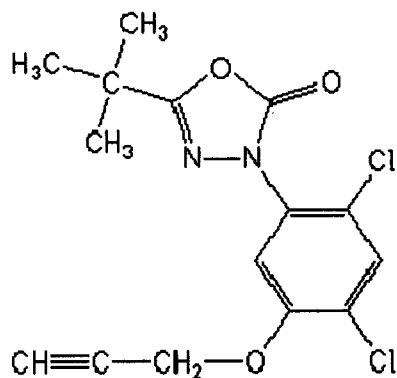
Analyte: Oxadiargyl

CAS No.: 39807-15-3

Formula: C₁₅H₁₄Cl₂N₂O₃

Molecular mass (lowest isotopes): 340,04 amu

Structure:



Ionisation: ESI +

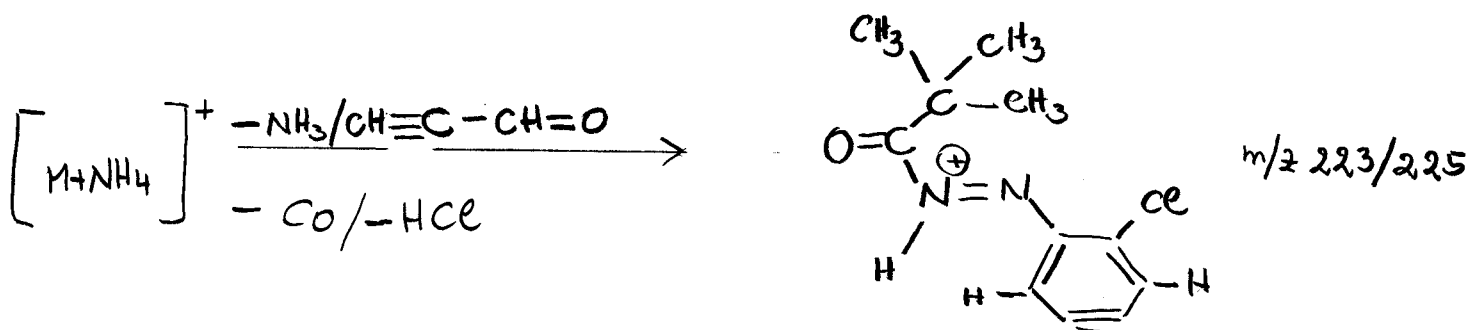
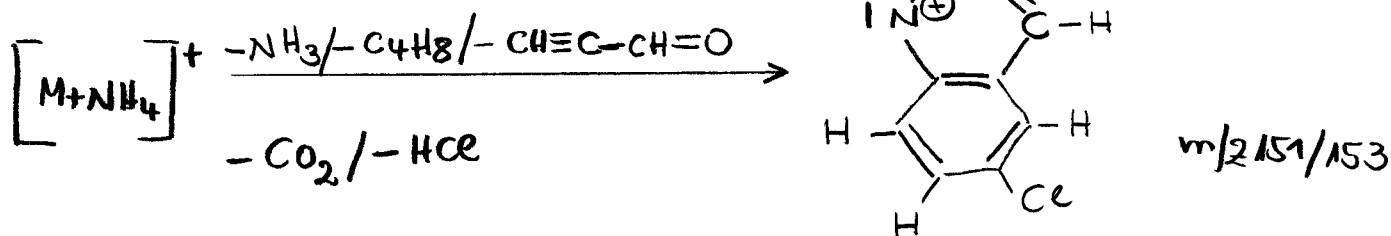
Quasimolecular ion: 358,0 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	358,0 → 223,0	358,0 → 151,0
Declustering potential (DP) ^{*)}	34 V	34 V
Focusing potential (FP)	350 V	370 V
Entrance potential (EP)	9,5 V	10,0 V
Collision cell entrance potential (CEP)	24 V	26 V
Collision energy (CE)	27 V	37 V
Collision cell exit potential (CXP)	12 V	8 V

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

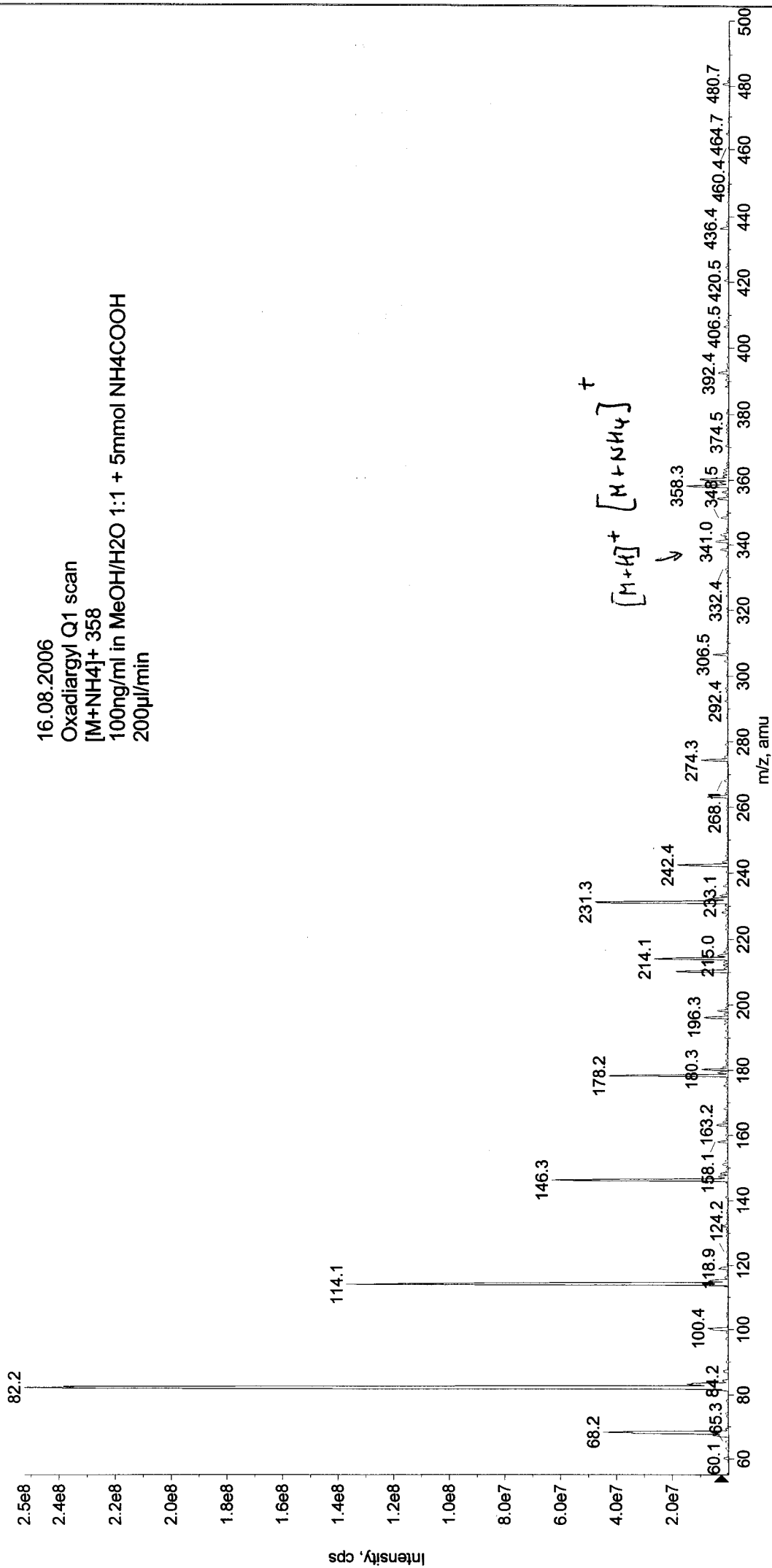
Fragmentation

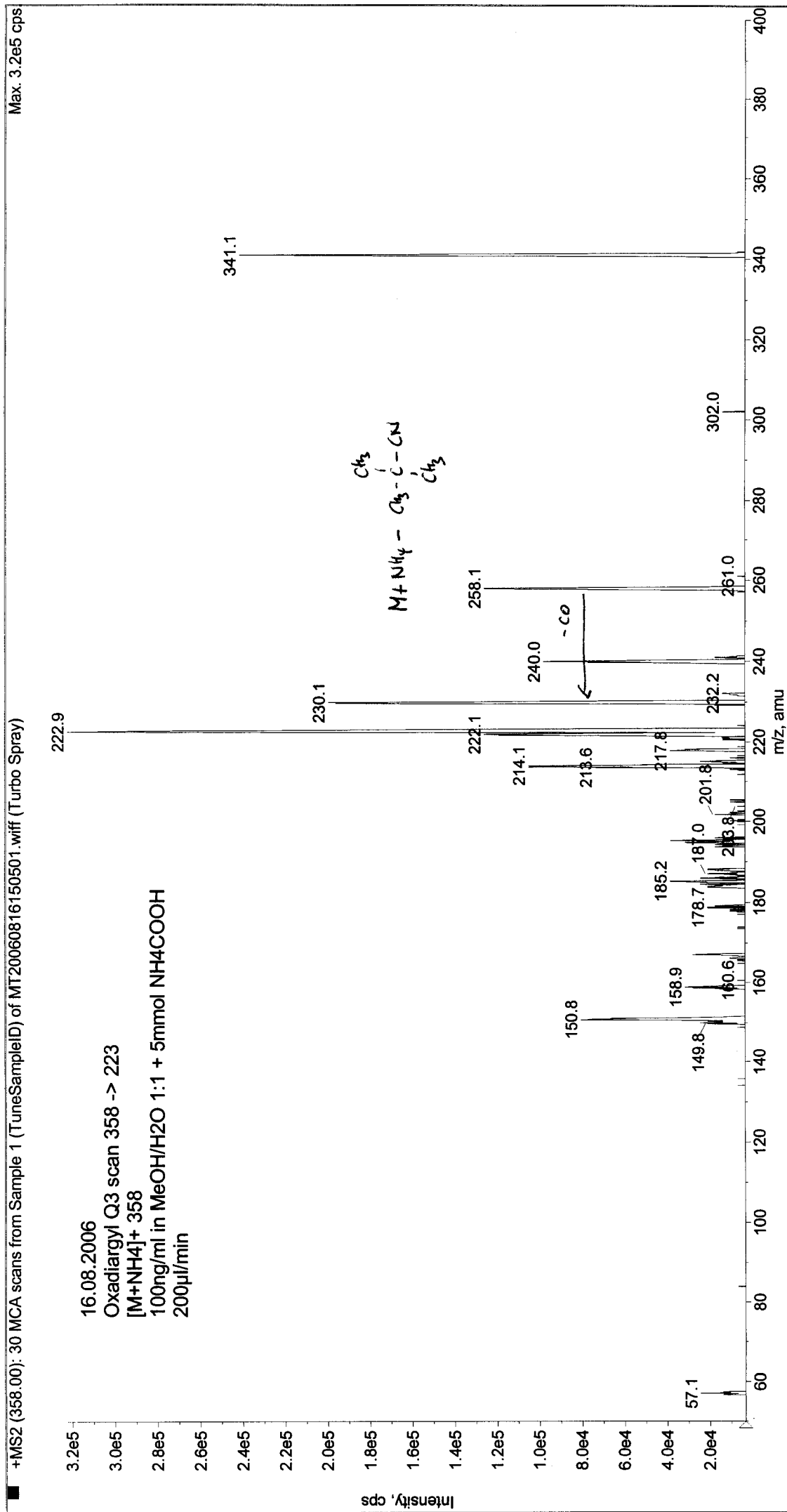


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060816150228.wiff (Turbo Spray)

Max. 2.5e8 cps

16.08.2006
Oxadiargyl Q1 scan
[M+NH₄]⁺ 358
100ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min





Printing Time: 15:07:46

Printing Date: Wednesday, August 16, 2006

Acq Time: 15:06

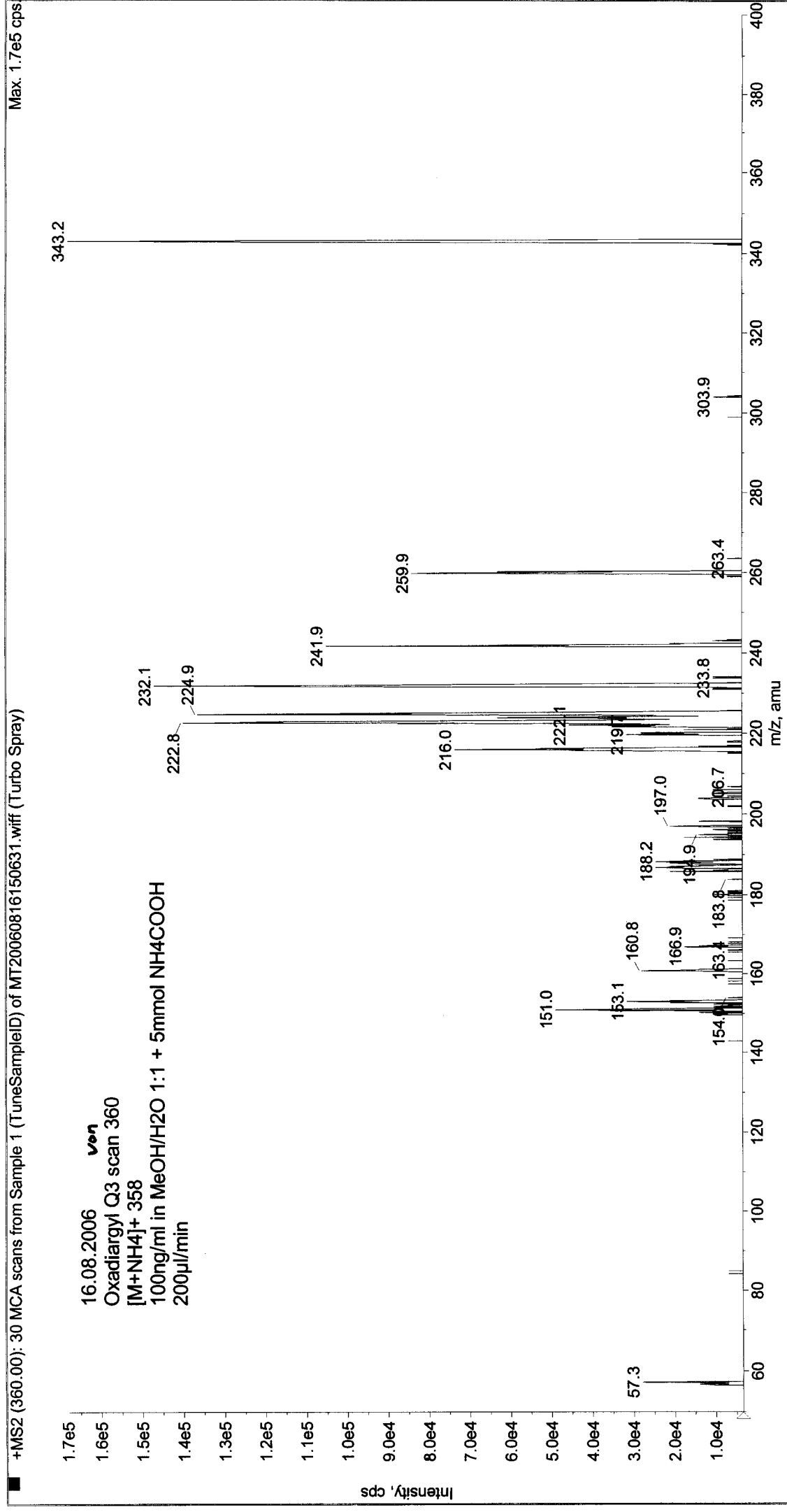
Acq. Date: Wednesday, August 16, 2006

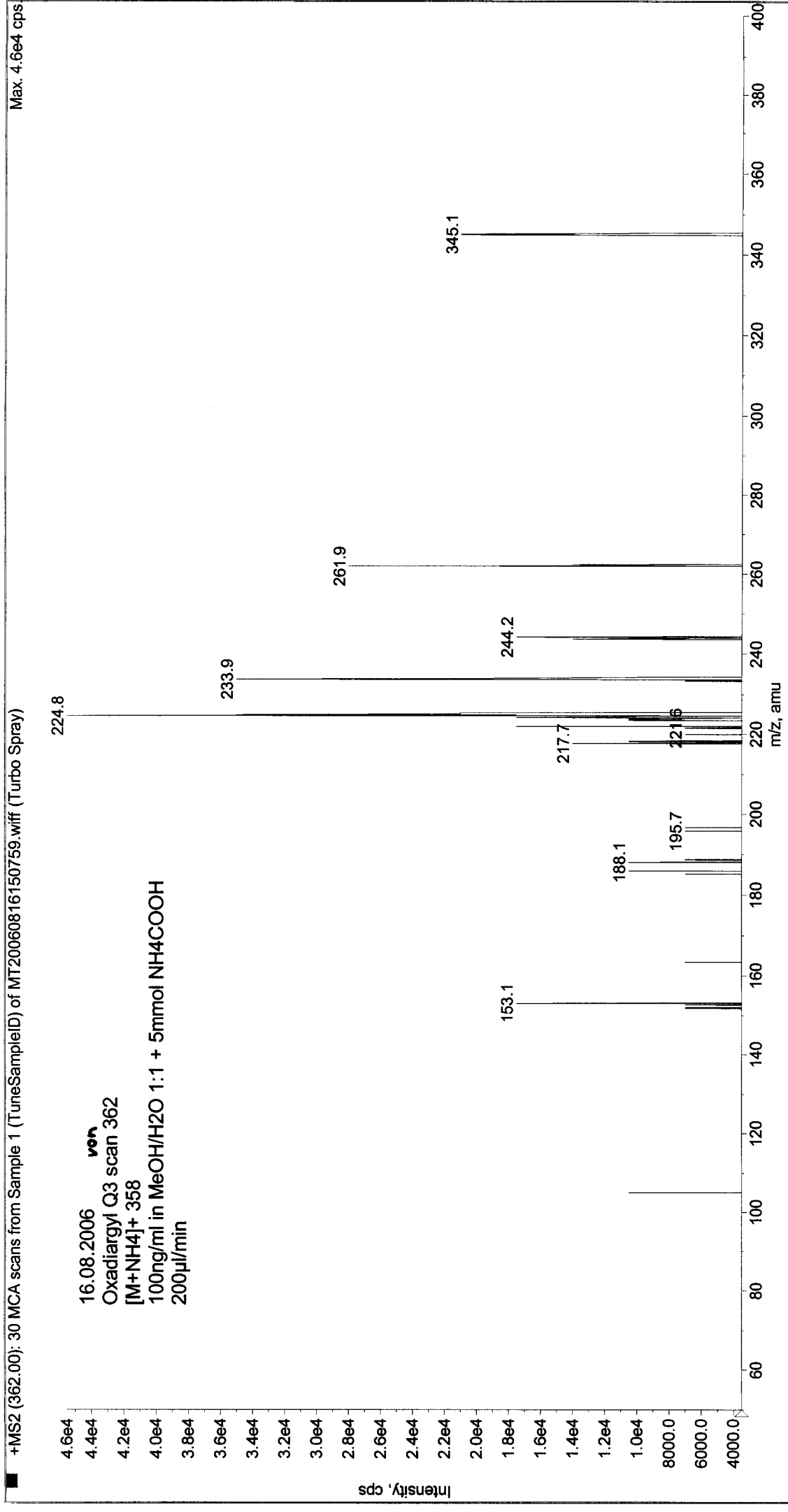
Acq. File: MT20060816150631.wiff

Sample Comment:

Sample Name: TuneSampleID

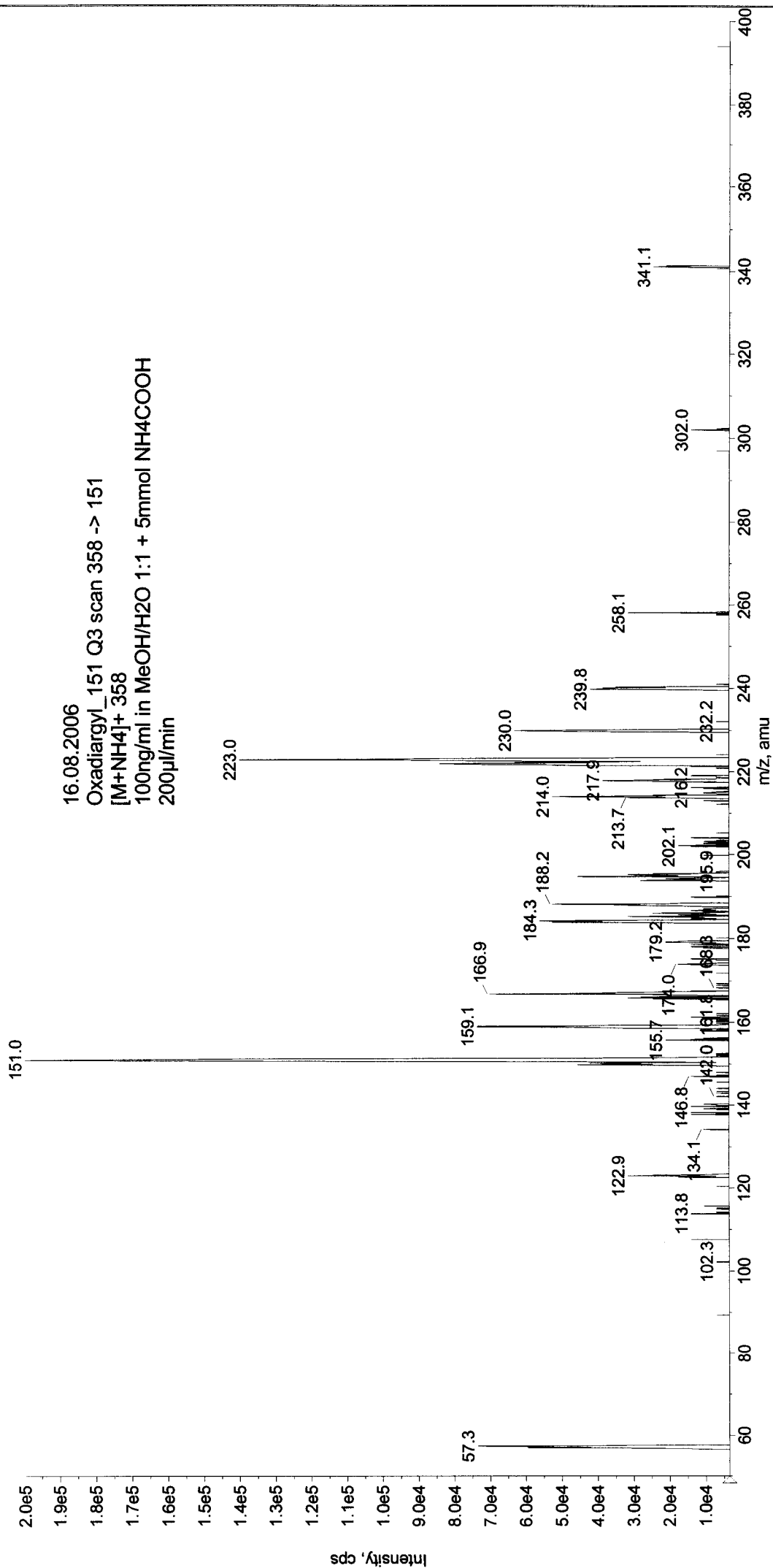
Batch Name: ManualTune.bat



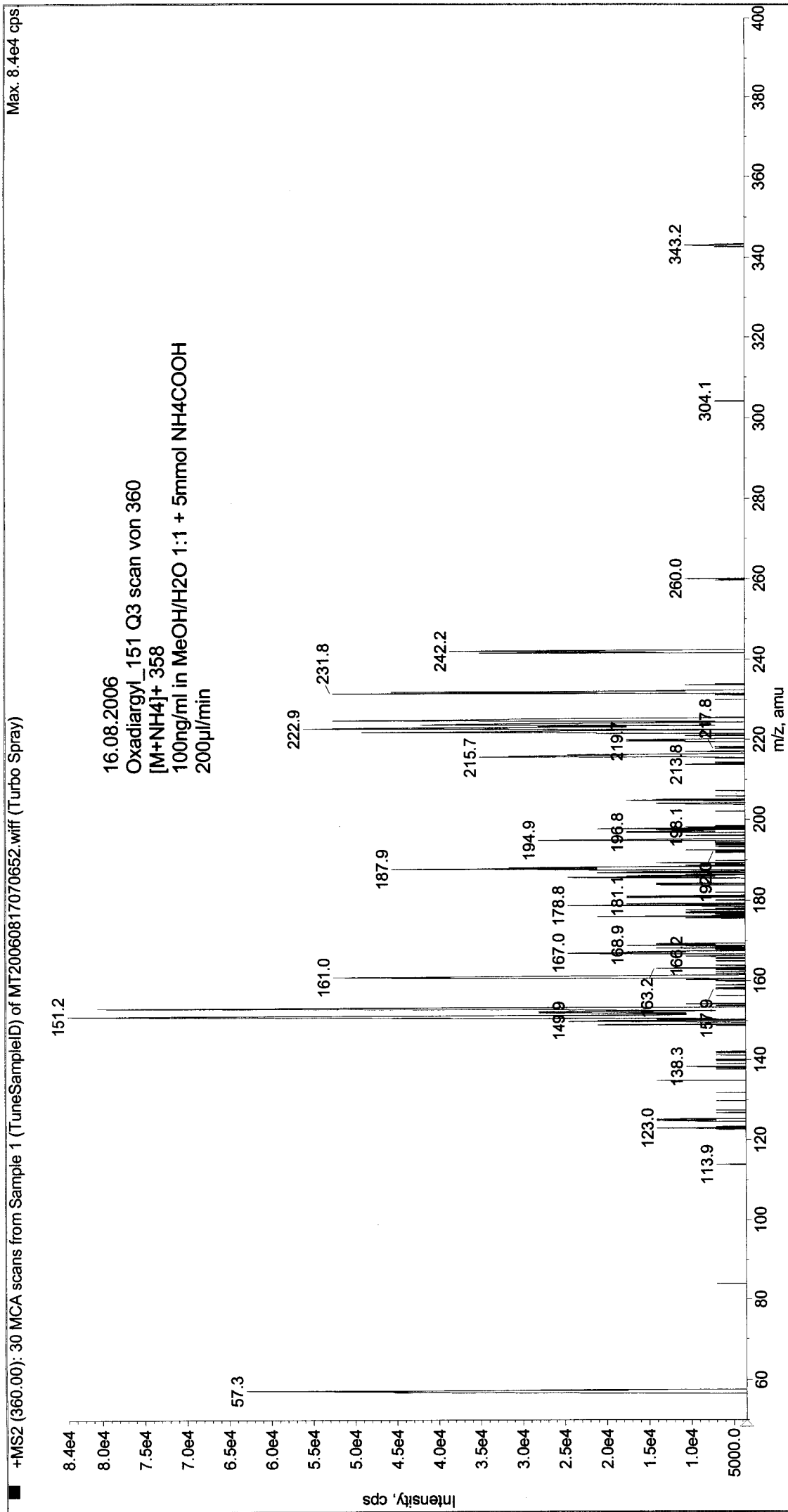


+MS2 (358.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20060817070536.wiff (Turbo Spray)

Max. 2.0e5 cps



16.08.2006
Oxadiargyl_151 Q3 scan 358 -> 151
[M+NH4]⁺ 358
100ng/ml in MeOH/H2O 1:1 + 5mmol NH4COOH
200µl/min



Printing Time: 8:25:42
Printing Date: Thursday, August 17, 2006

Acq. Time: 08:24
Acq. Date: Thursday, August 17, 2006
Acq. File: MT20060817082452.wiff

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

