

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

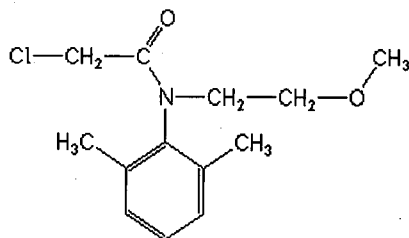
Analyte: Dimethachlor

CAS No.: 50563-36-5

Formula: C₁₃H₁₈ClNO₂

Molecular mass (lowest isotopes): 255,10 amu

Structure:



Ionisation: ESI +

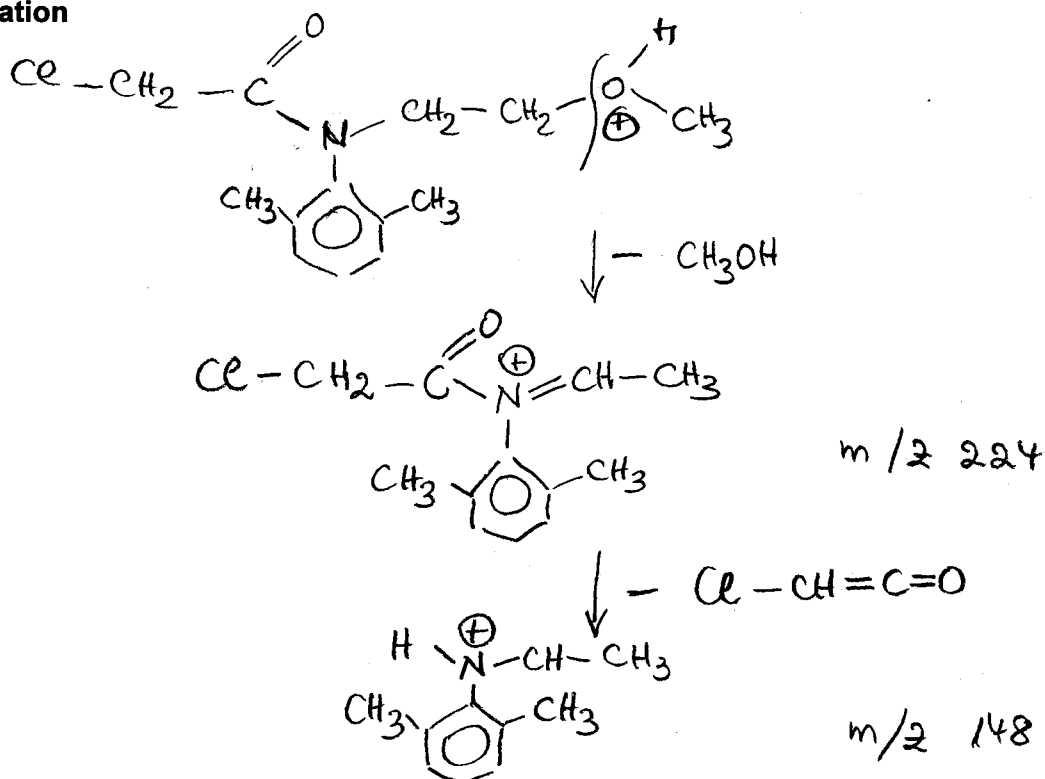
Quasimolecular ion: 256,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	256,1 → 224,2	256,1 → 148,1
Declustering potential (DP) ^{*)}	24 V	24 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,5 V	9,5 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	19 V	33 V
Collision cell exit potential (CXP)	12 V	8 V

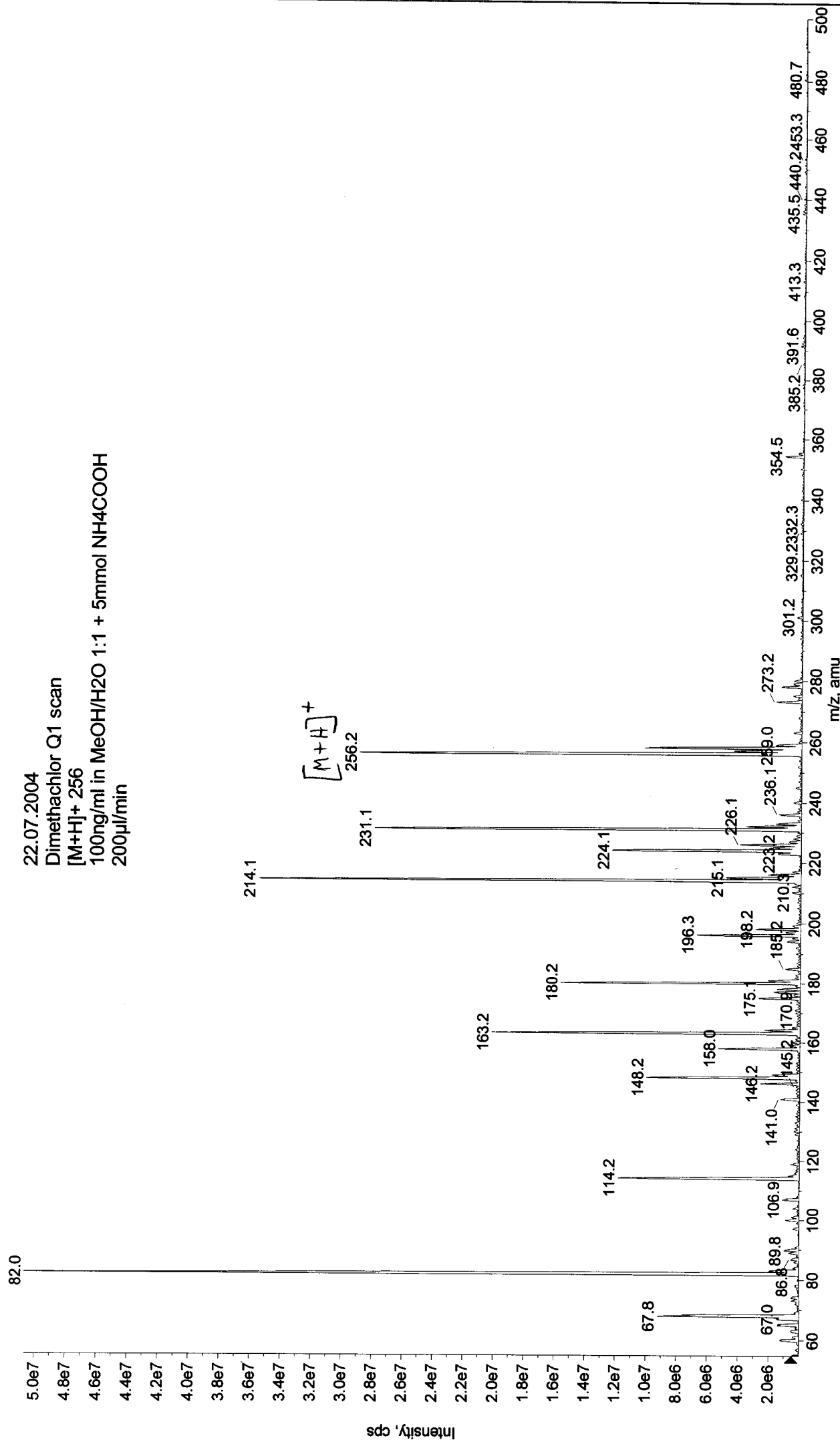
^{*)} For API 3000 and 4000 enhance DP by 20V

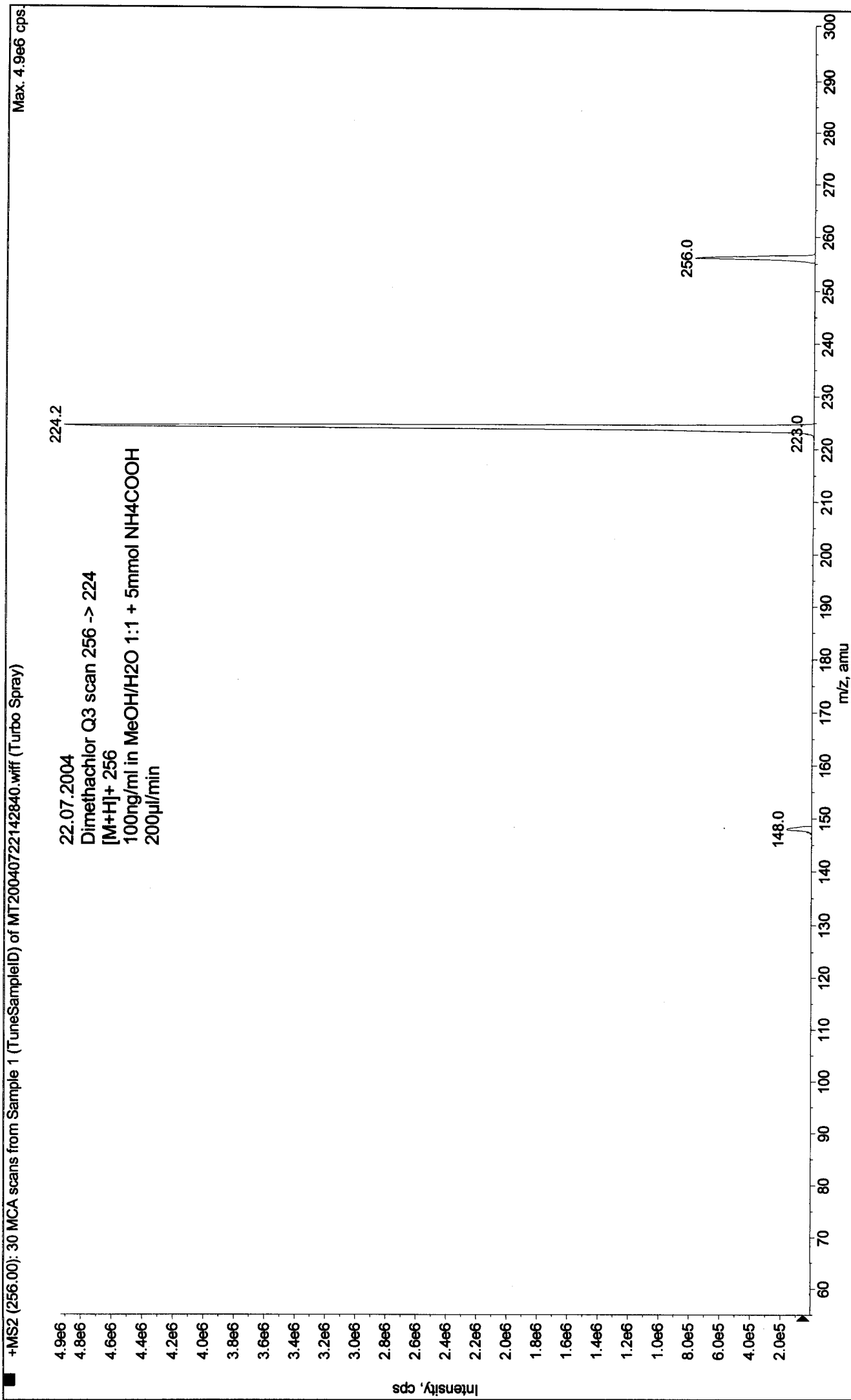
Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040722142615.wiff (Turbo Spray)

Max. 5.1e7 cps

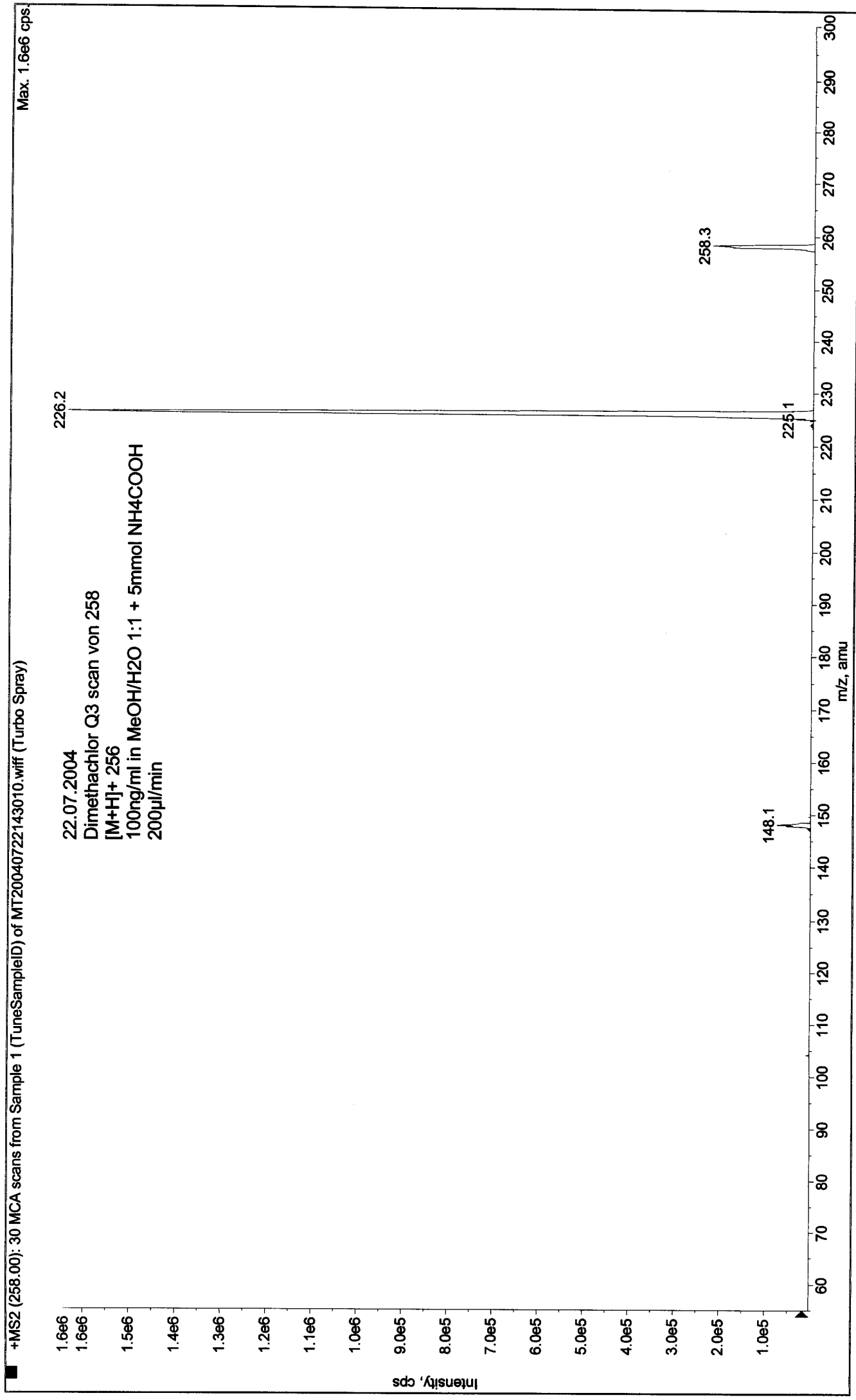




Printing Time: 14:31:02
Printing Date: Thursday, July 22, 2004

Acq. Time: 14:30
Acq. Date: Thursday, July 22, 2004
Acq. File: MT20040722143010.wiff

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



Max. 2.8e6 cps.

■ +MS2 (256.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040722143745.wiff (Turbo Spray)

