

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

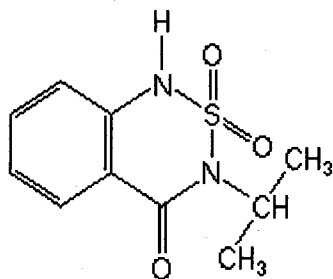
Analyte: Bentazone

CAS No.: 25057-89-0

Formula: C₁₀H₁₂N₂O₃S

Molecular mass (lowest isotopes): 240,06 amu

Structure:



Ionisation: ESI -

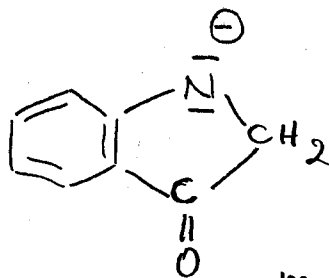
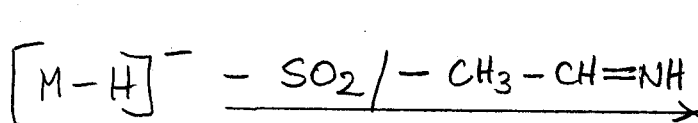
Quasimolecular ion: 239,1 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

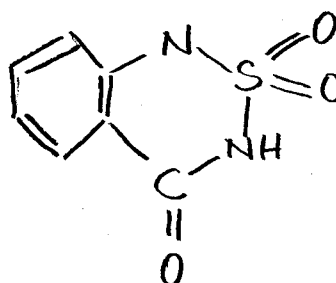
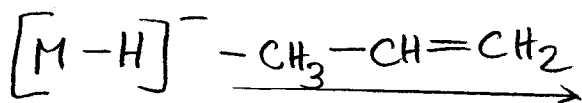
Transition	239,1 → 132,0	239,1 → 197,0
Declustering potential (DP) ^{*)}	-56V	-56 V
Focusing potential (FP)	-290 V	-310 V
Entrance potential (EP)	-10,0 V	-10,0 V
Collision cell entrance potential (CEP)	-26 V	-20 V
Collision energy (CE)	-32 V	-24 V
Collision cell exit potential (CXP)	-10 V	-12 V

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

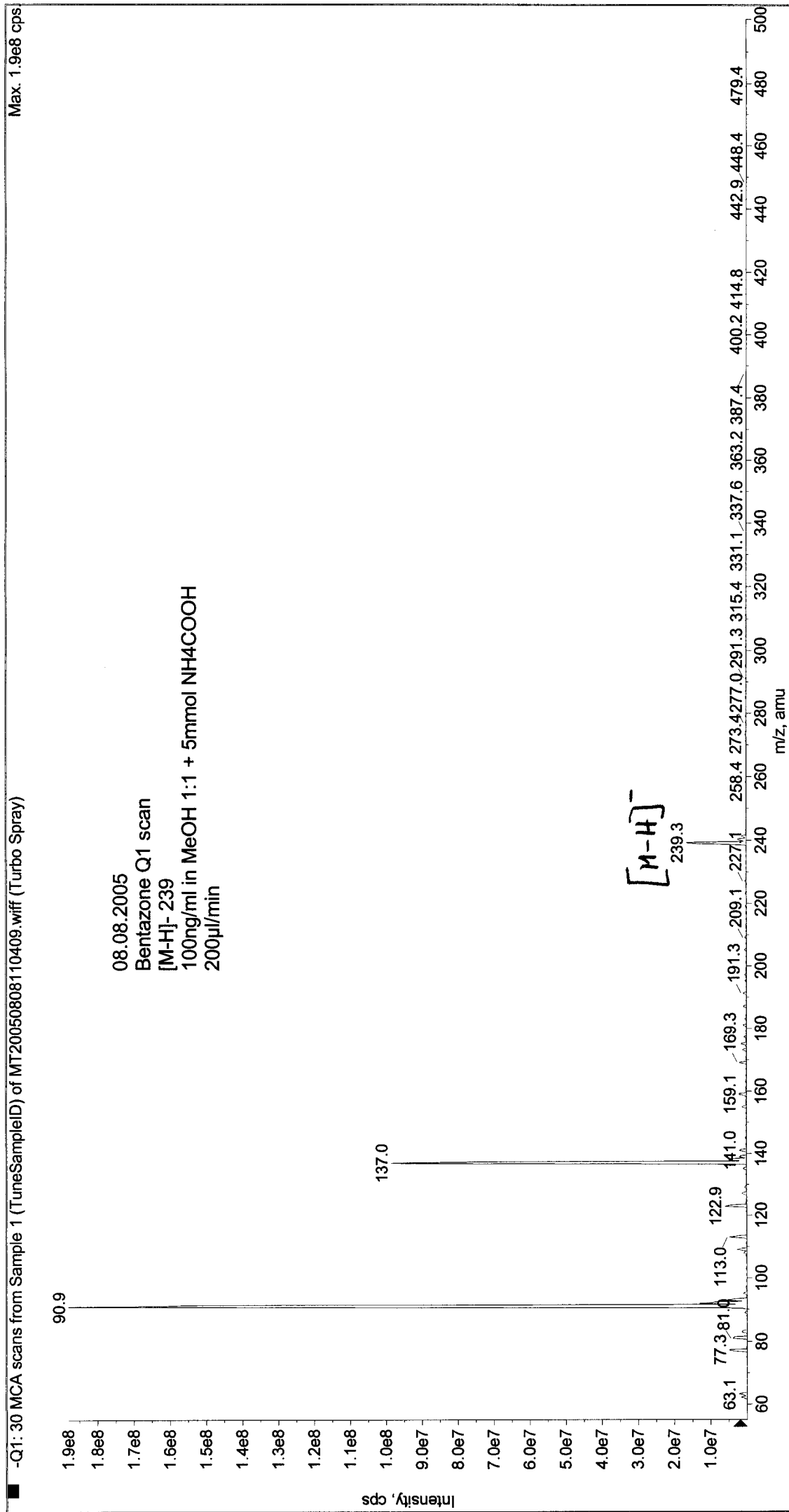
Fragmentation

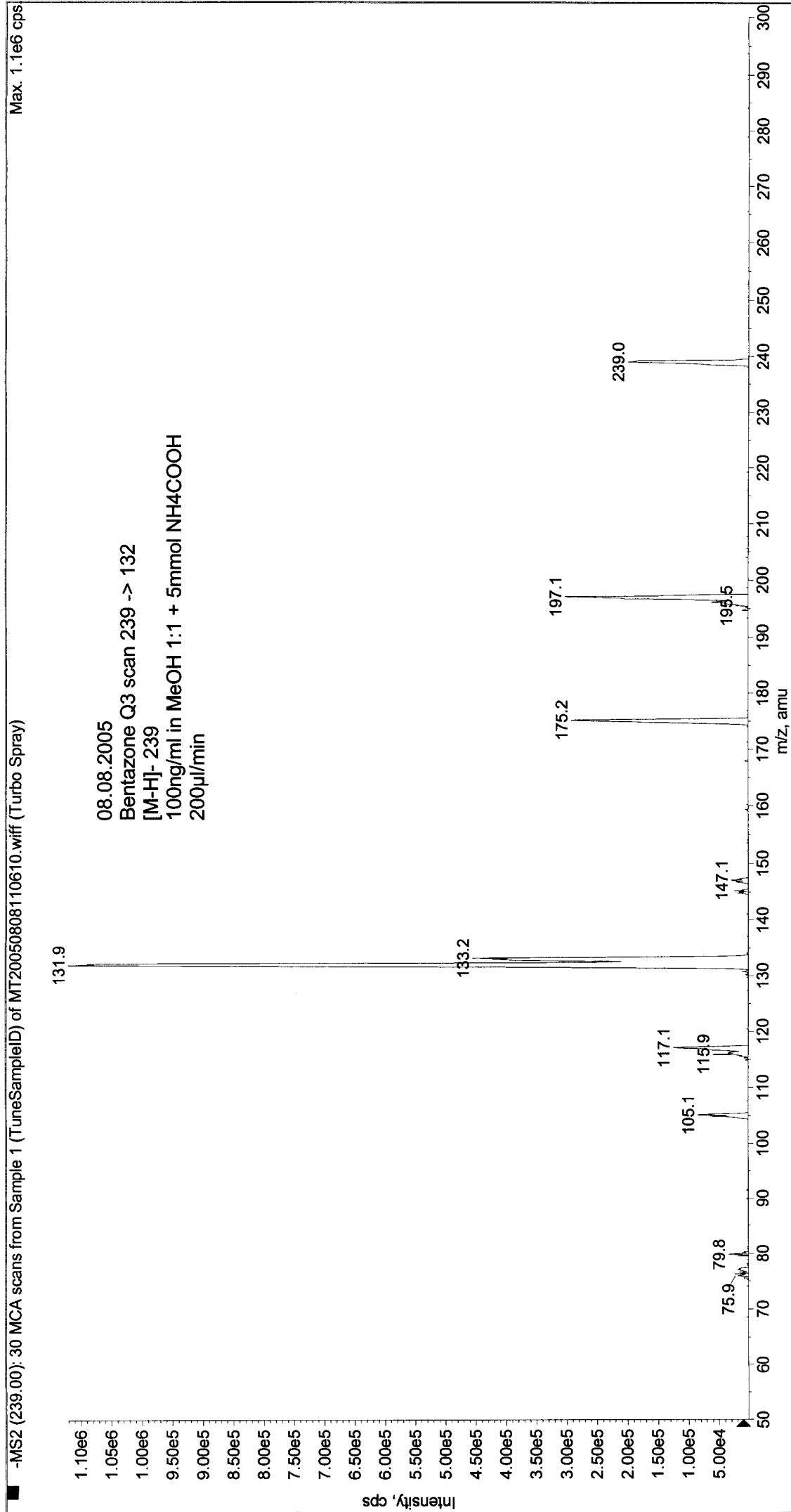


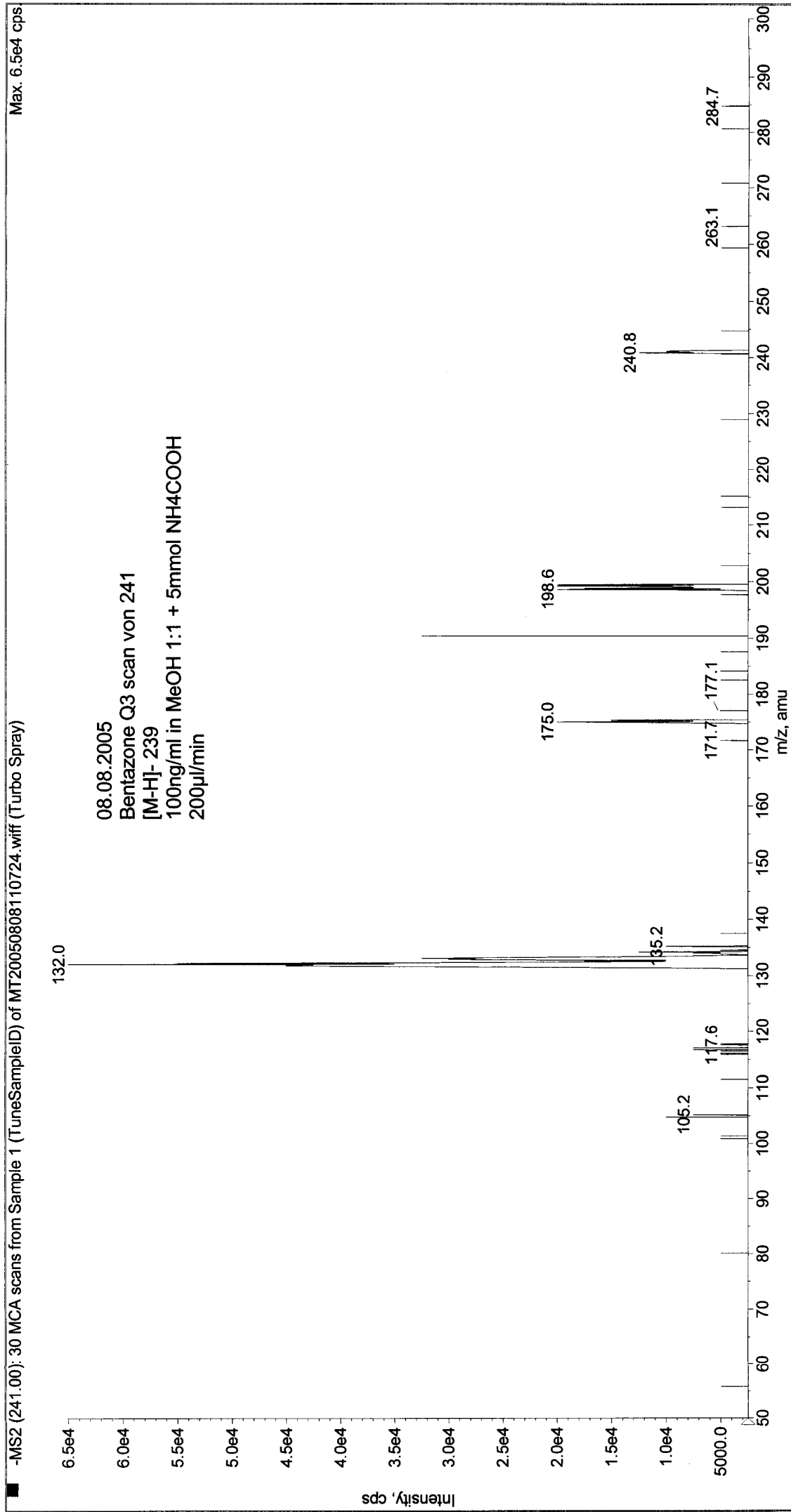
m/z 132



m/z 197



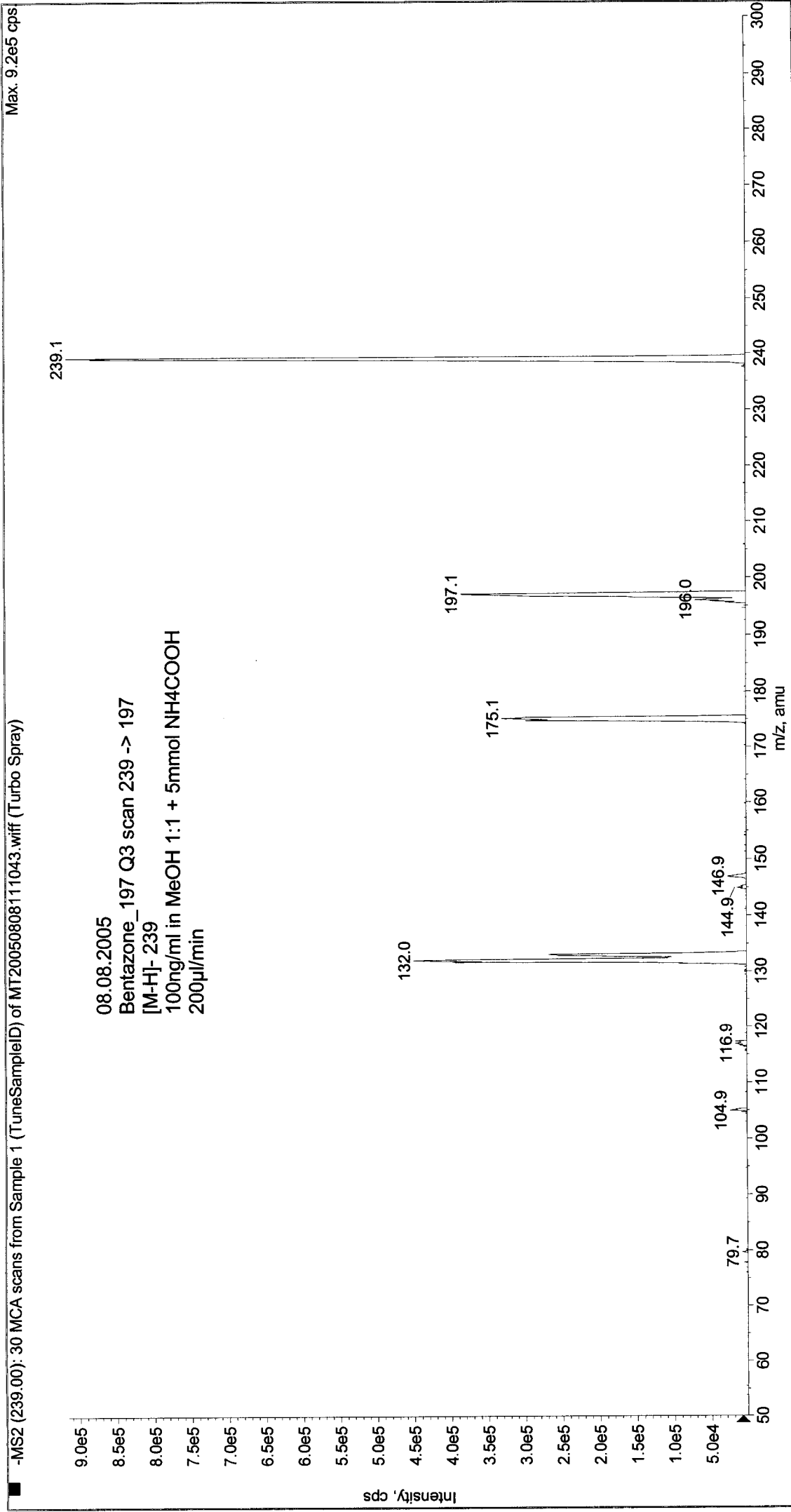




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Batch Name: ManualTune.bat



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Acq. Time: 11:11
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