

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

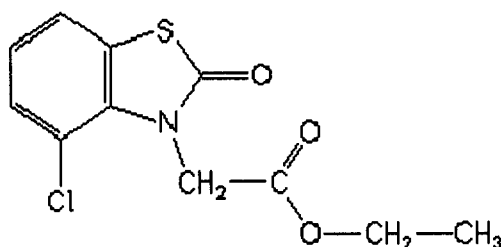
Analyte: Benazolin-ethyl

CAS No.: 25059-80-7

Formula: C₁₁H₁₀ClNO₃S

Molecular mass (lowest isotopes): 271,01 amu

Structure:



Ionisation: ESI +

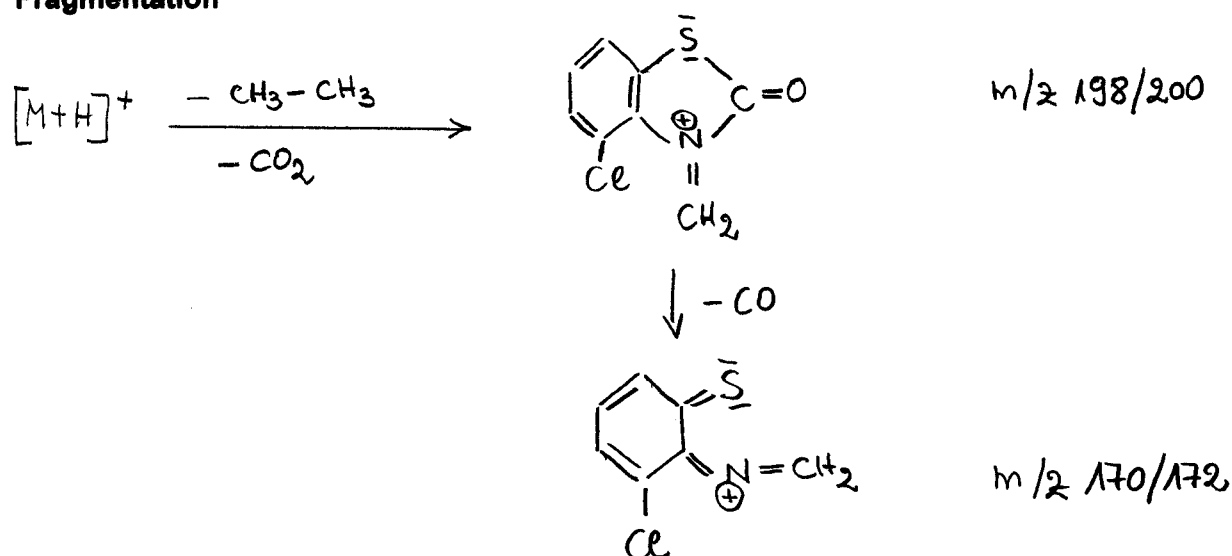
Quasimolecular ion: 272,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	272,0 → 170,0	272,0 → 198,0
Declustering potential (DP)*)	43,5 V	43,5 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	11,5 V	12 V
Collision cell entrance potential (CEP)	18 V	18 V
Collision energy (CE)	35 V	21 V
Collision cell exit potential (CXP)	8 V	10 V

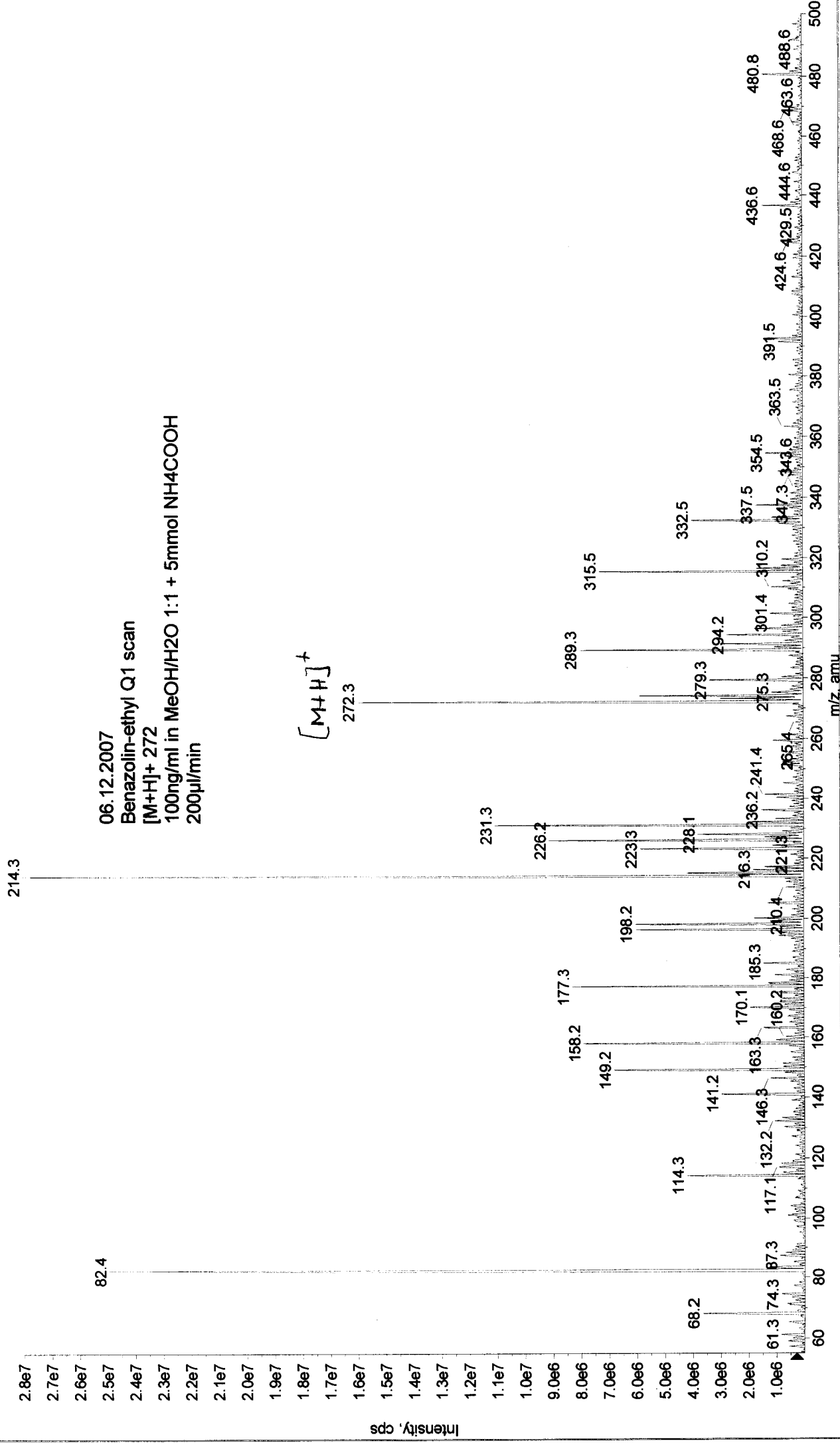
*) For API 3000 and 4000 enhance DP by 20V

Fragmentation



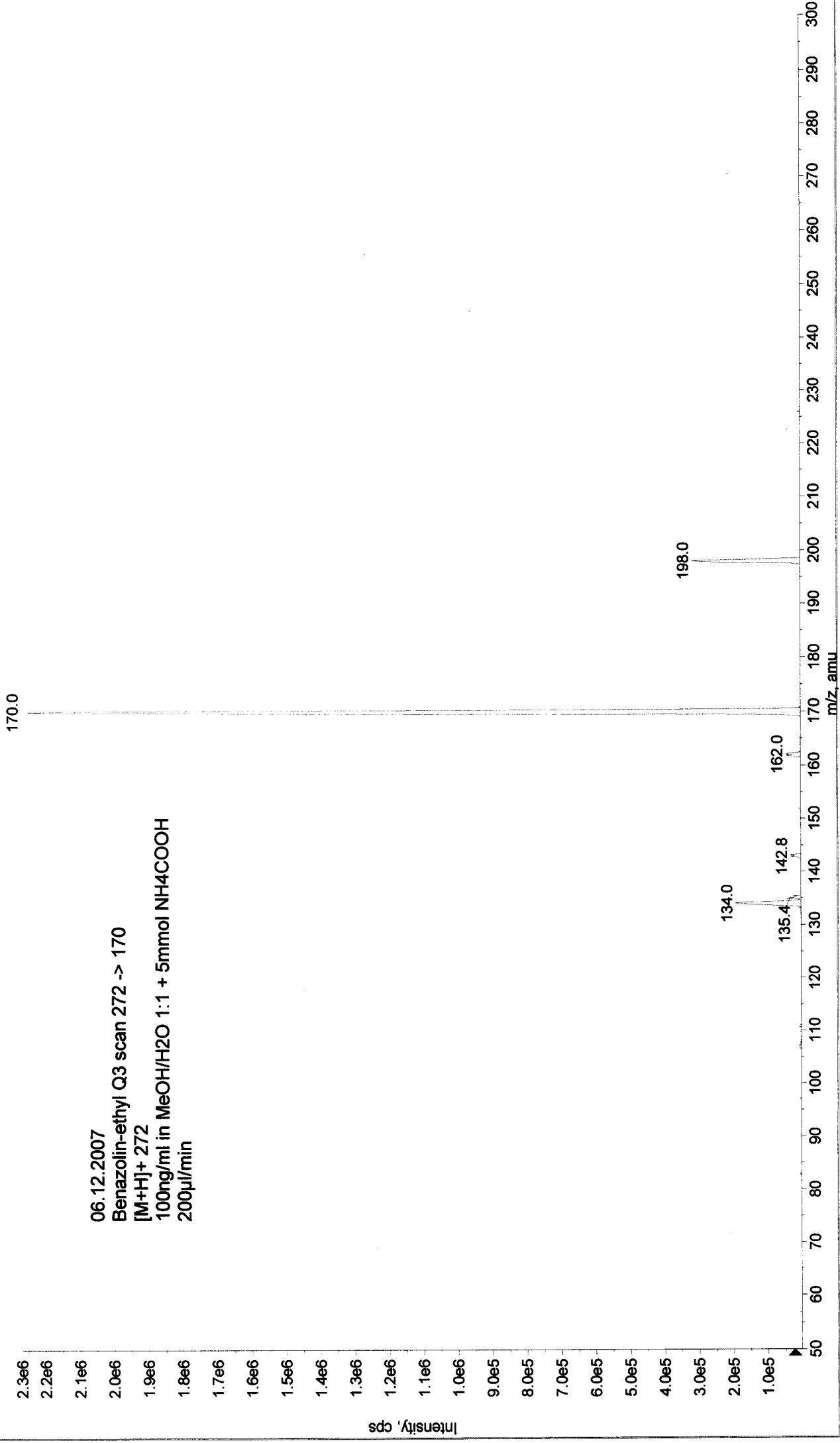
■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071206084119.wiff (Turbo Spray)

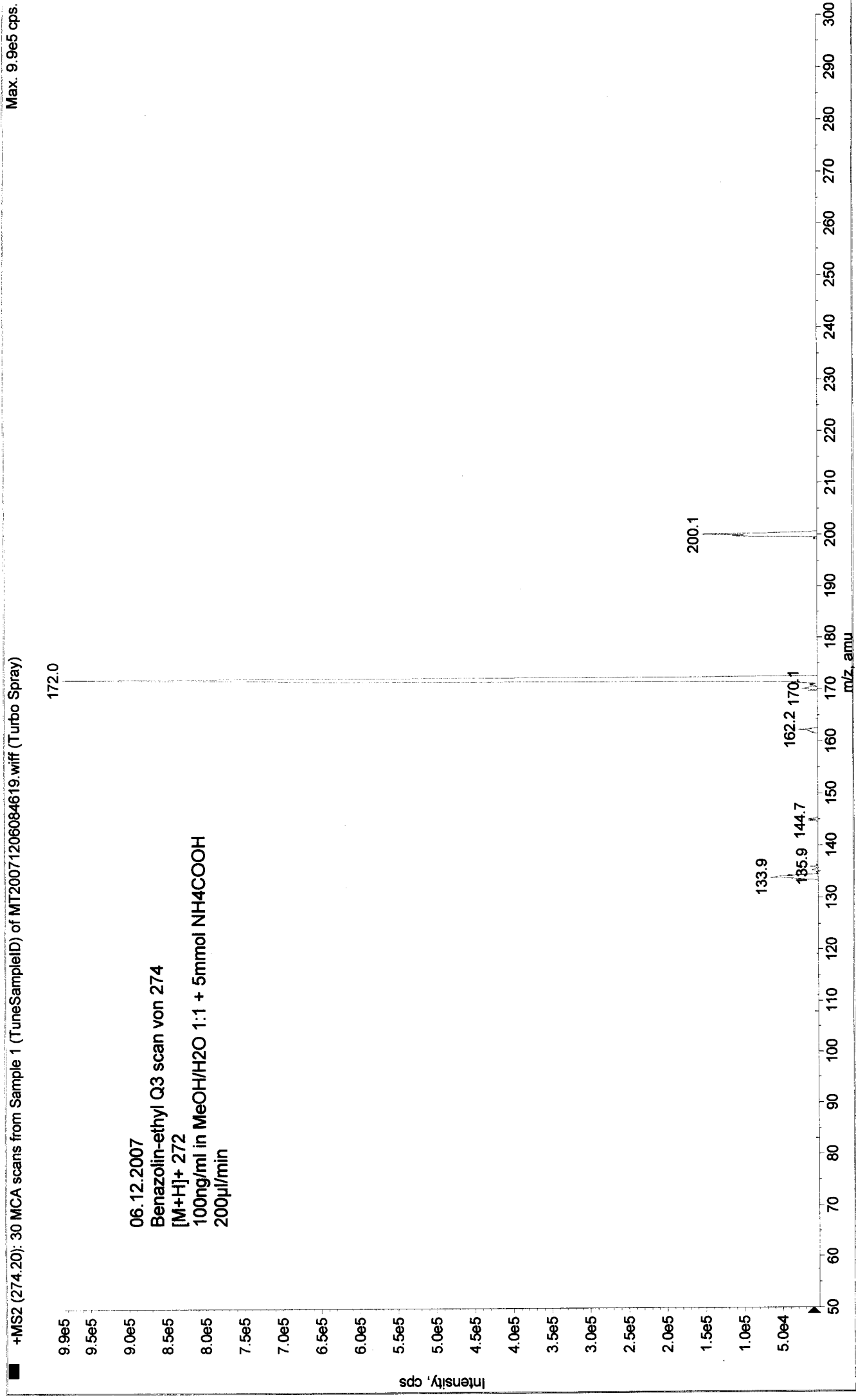
Max. 2.8e7 cps.



■ +MS2 (272.20): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071206084449.wiff (Turbo Spray)

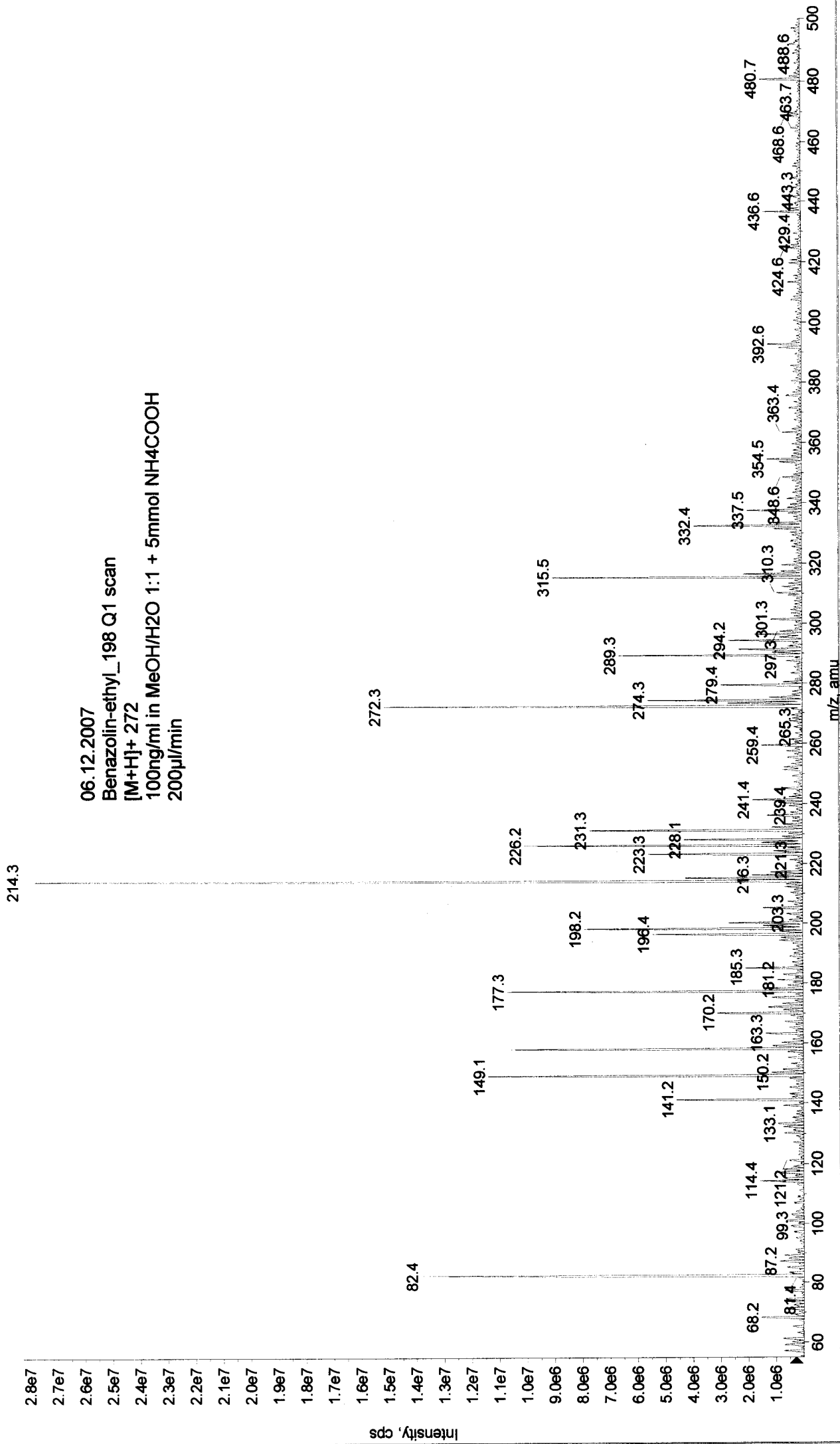
Max. 2.3e6 cps.

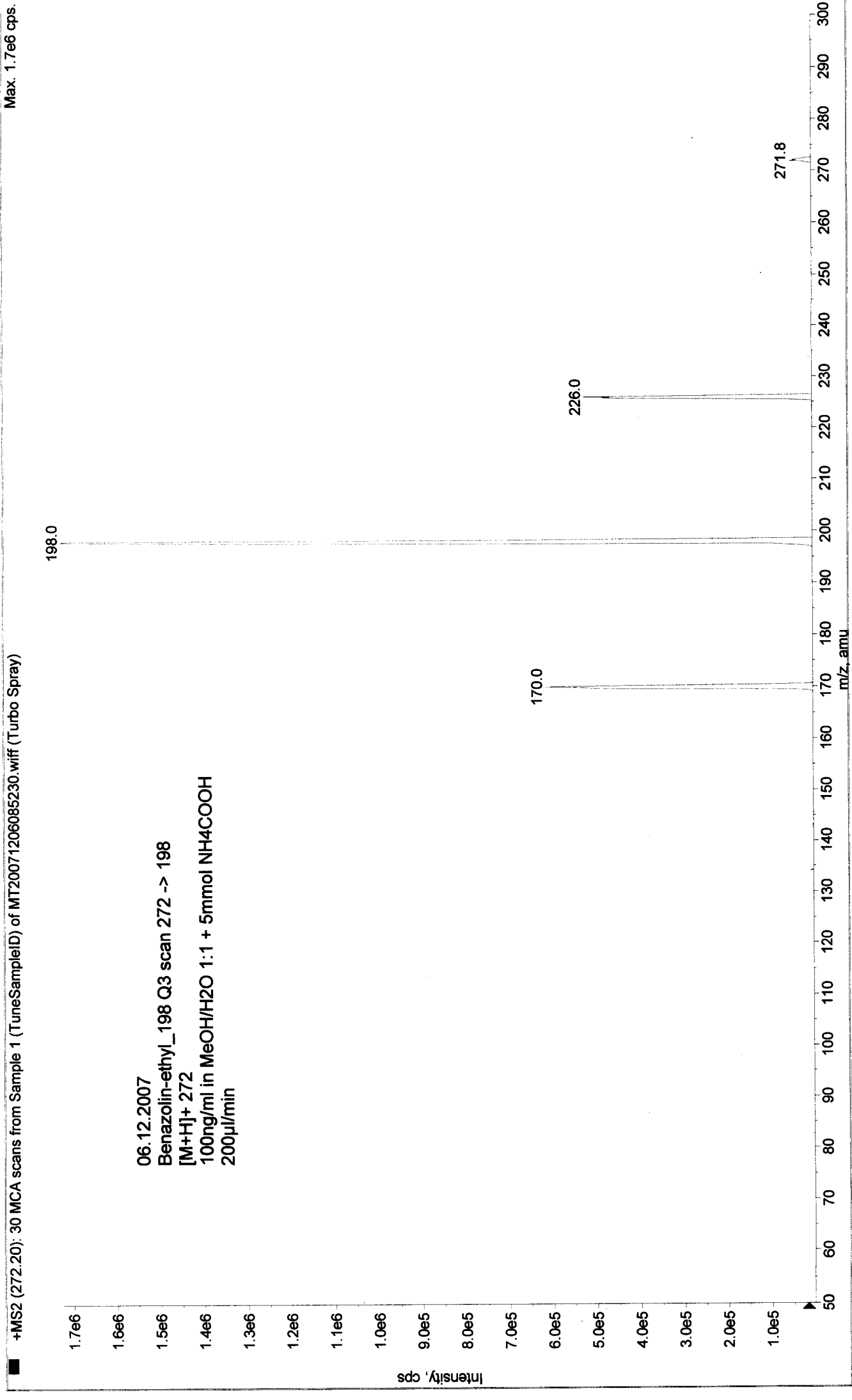




■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071206085034.wiff (Turbo Spray)

Max. 2.8e7 cps.





■ +MS2 (274.20): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071206085354.wiff (Turbo Spray)

