

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

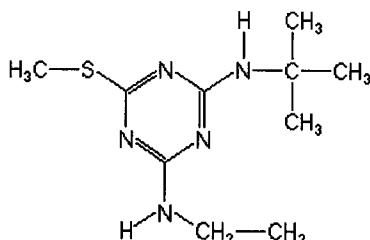
Analyte: Terbutryn

CAS No.: 886-50-0

Formula: C₁₀H₁₉N₅S

Molecular mass (lowest isotopes): 241,14 amu

Structure:



Ionisation: ESI +

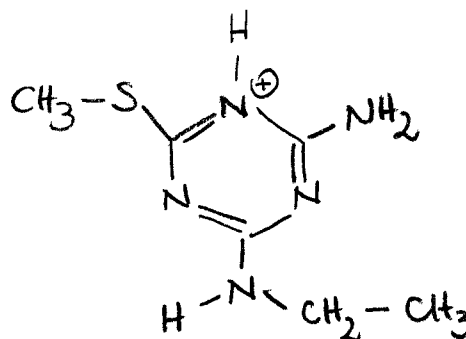
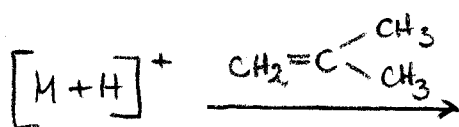
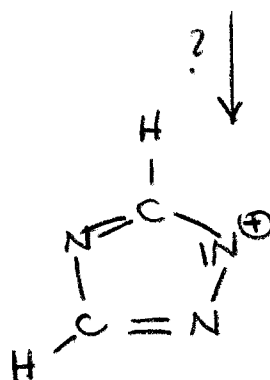
Quasimolecular ion: 242,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	242,1 → 186,1	242,1 → 68,1
Declustering potential (DP) ^{*)}	24 V	24 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	11,5 V	12,0 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	25 V	57 V
Collision cell exit potential (CXP)	10 V	4 V

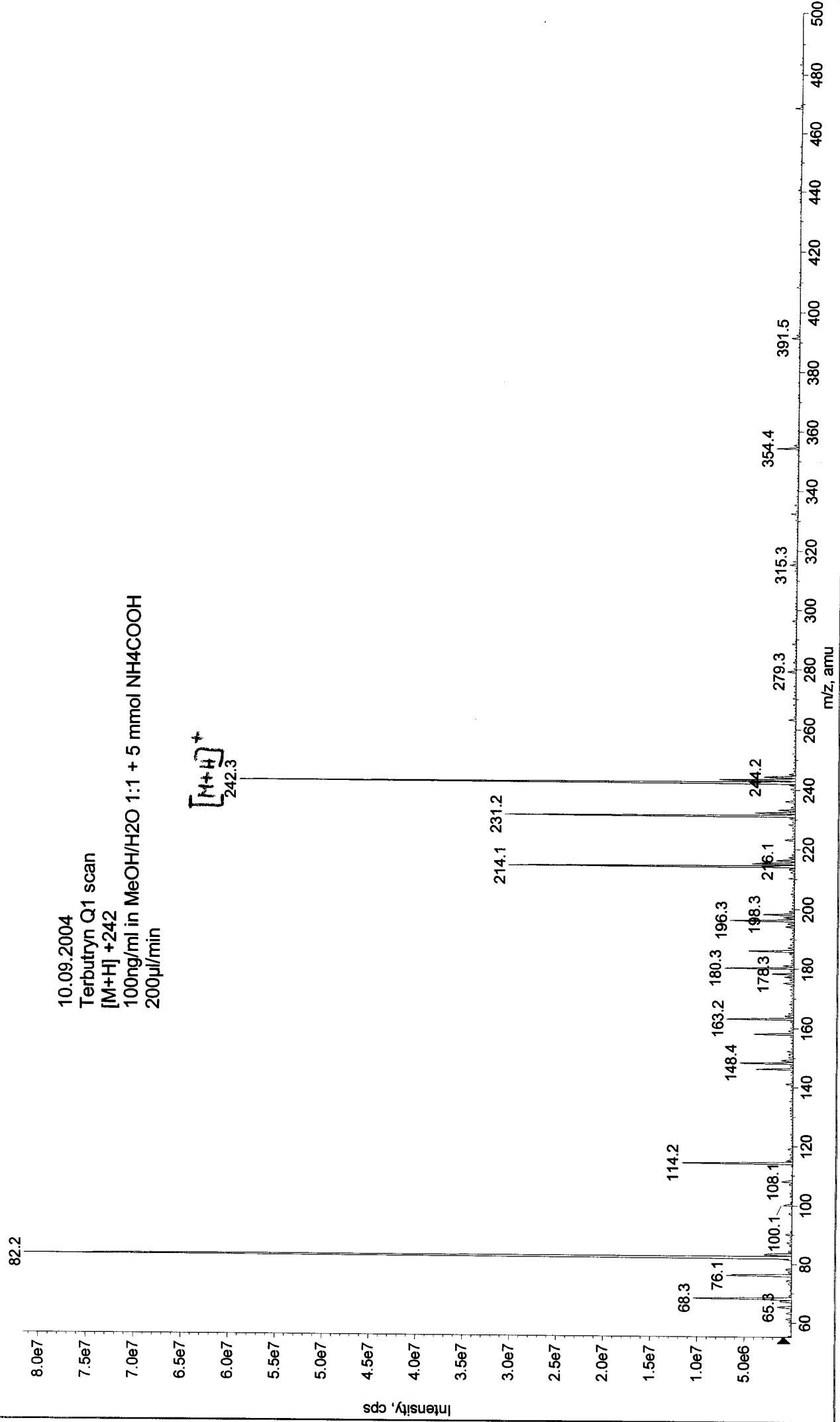
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation

 m/z 186 m/z 68

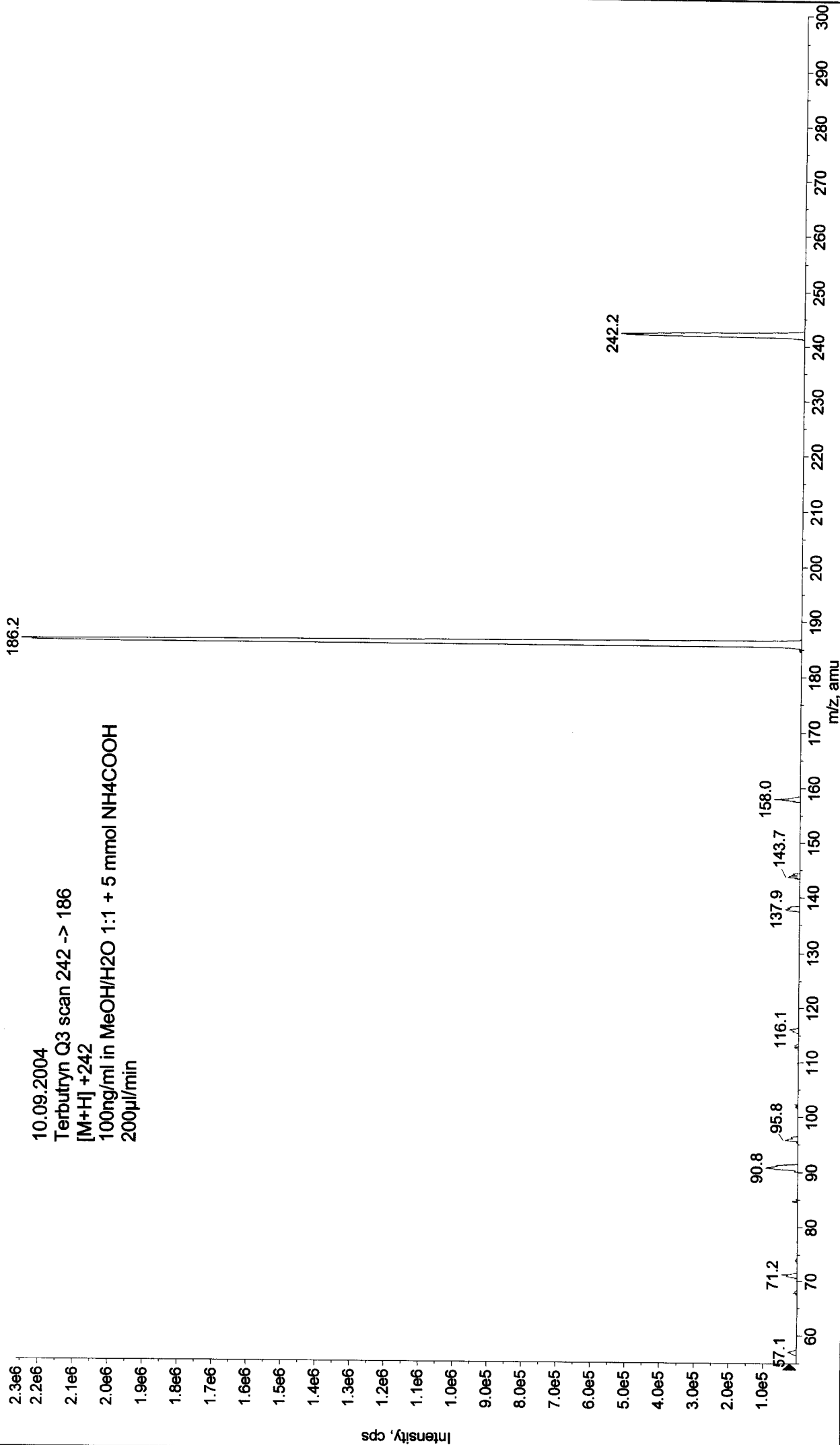
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040910083745.wiff (Turbo Spray)

Max. 8.2e7 cps.



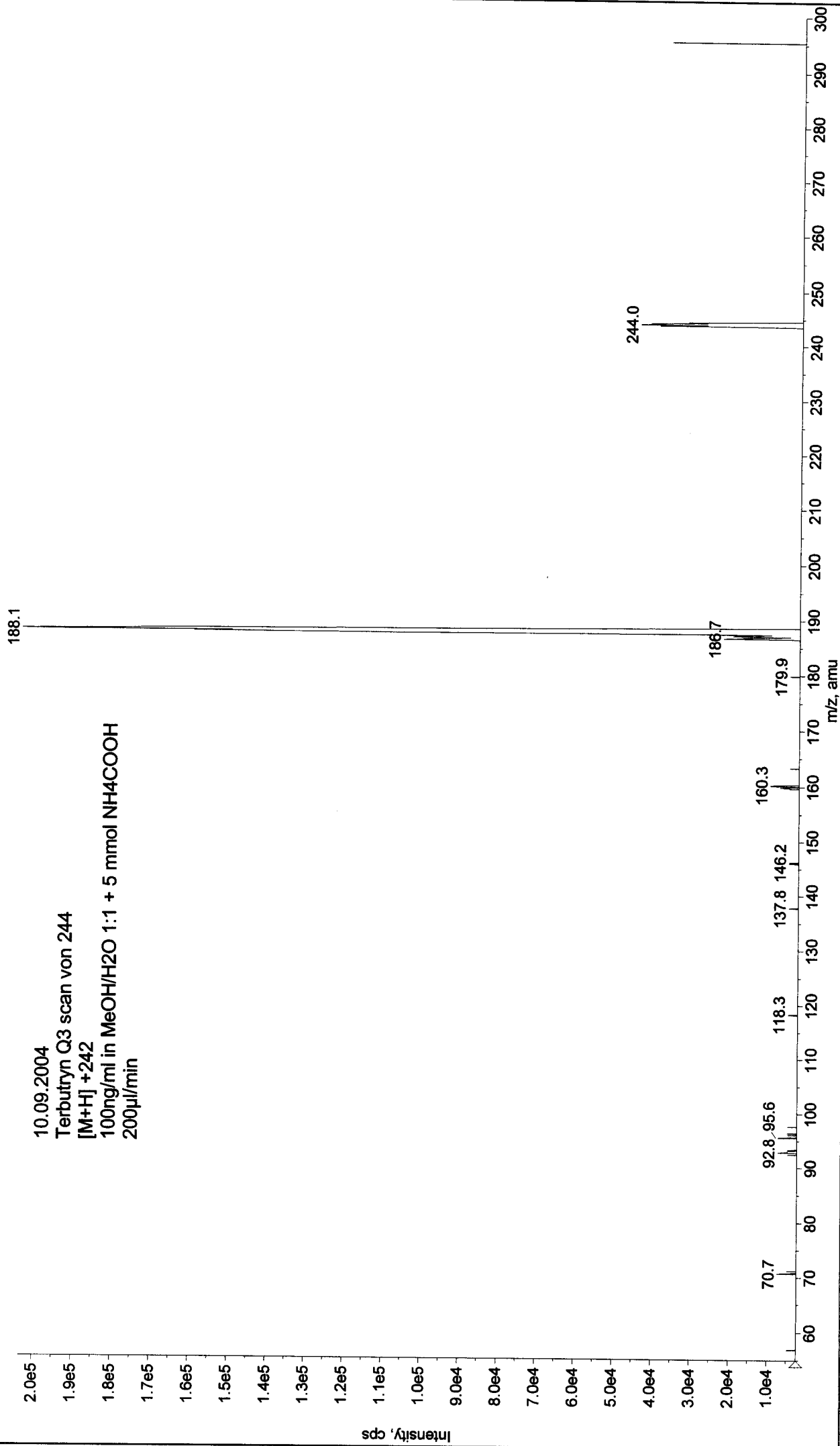
+MS2 (242.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040910083927.wiff (Turbo Spray)

Max. 2.3e6 cps.

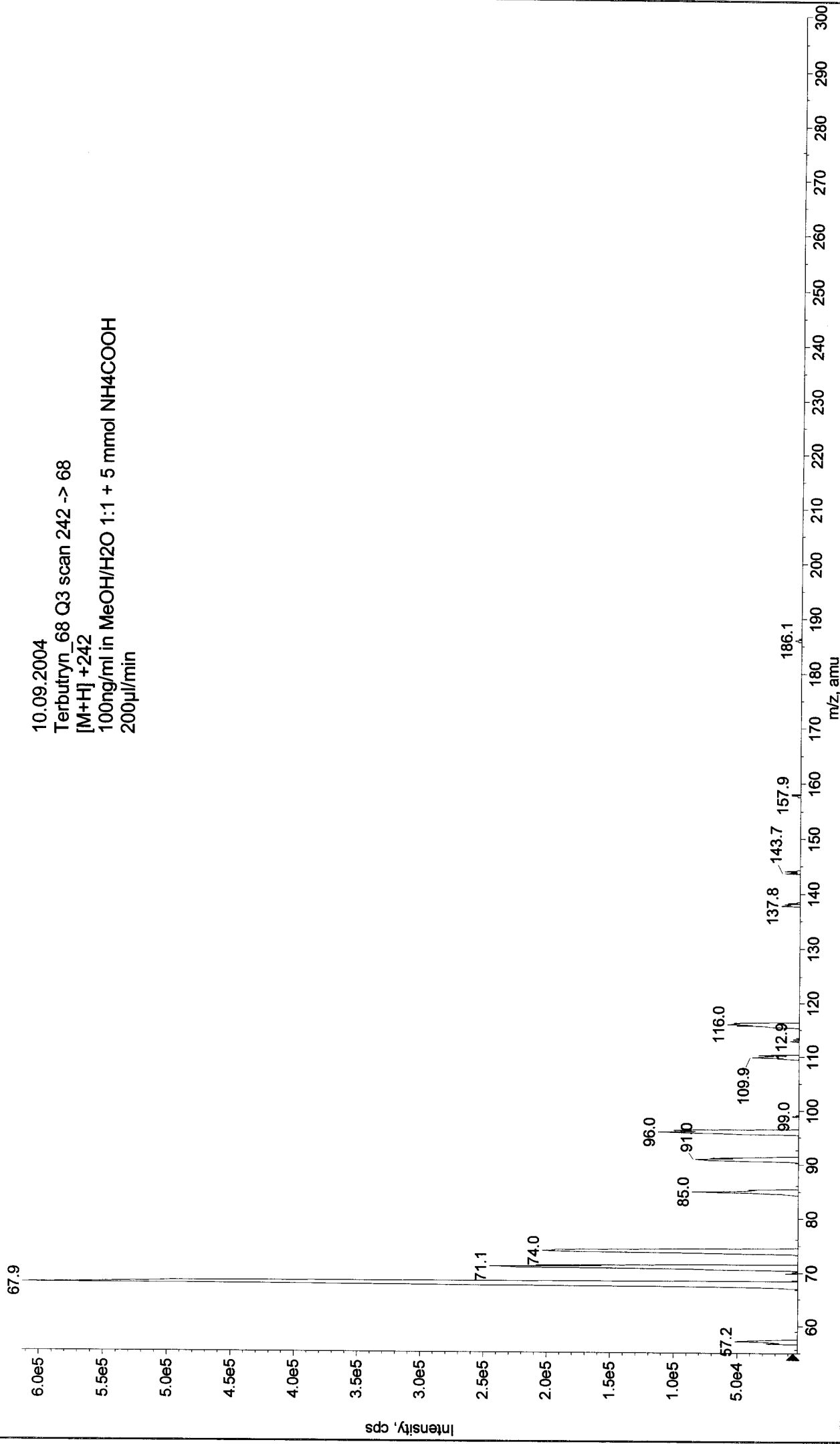


+MS2 (244.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040910084852.wiff (Turbo Spray)

Max. 2.0e5 cps.



Max. 6.1e5 cps.
+MS2 (242.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040910085615.wiff (Turbo Spray)



+MS2 (244.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040910085831.wiff (Turbo Spray) Max. 5.4e4 cps.

