

MS/MS Parameters of Pesticides

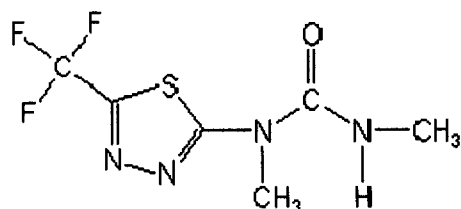
Analyte: Thiazafluron

CAS No.: 25366-23-8

Formula: C₆H₇F₃N₄OS

Molecular mass (lowest isotopes): 240,03 amu

Structure:



Ionisation: ESI +

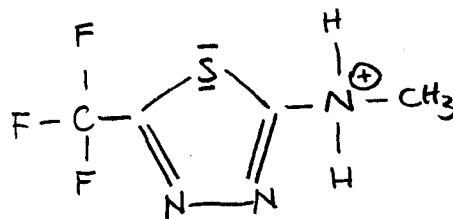
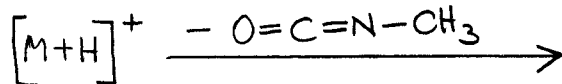
Quasimolecular ion: 241,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	241,0 → 184,0	241,0 → 74,0
Declustering potential (DP) ^{*)}	21 V	21 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	11,5 V	7 V
Collision cell entrance potential (CEP)	18 V	16 V
Collision energy (CE)	21 V	47 V
Collision cell exit potential (CXP)	10 V	4 V

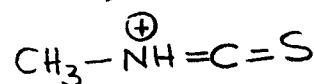
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



m/z 184/186

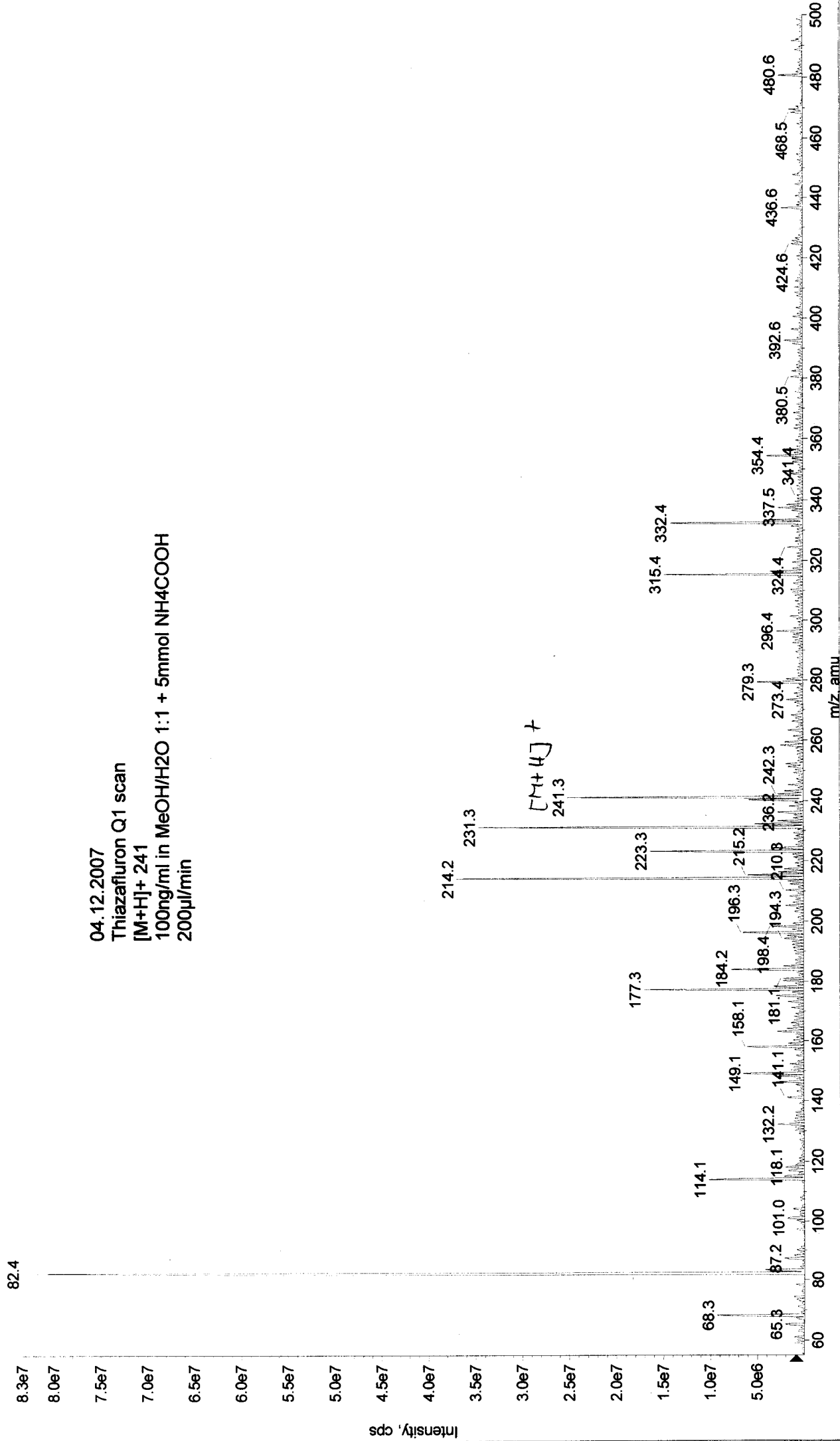
- N₂

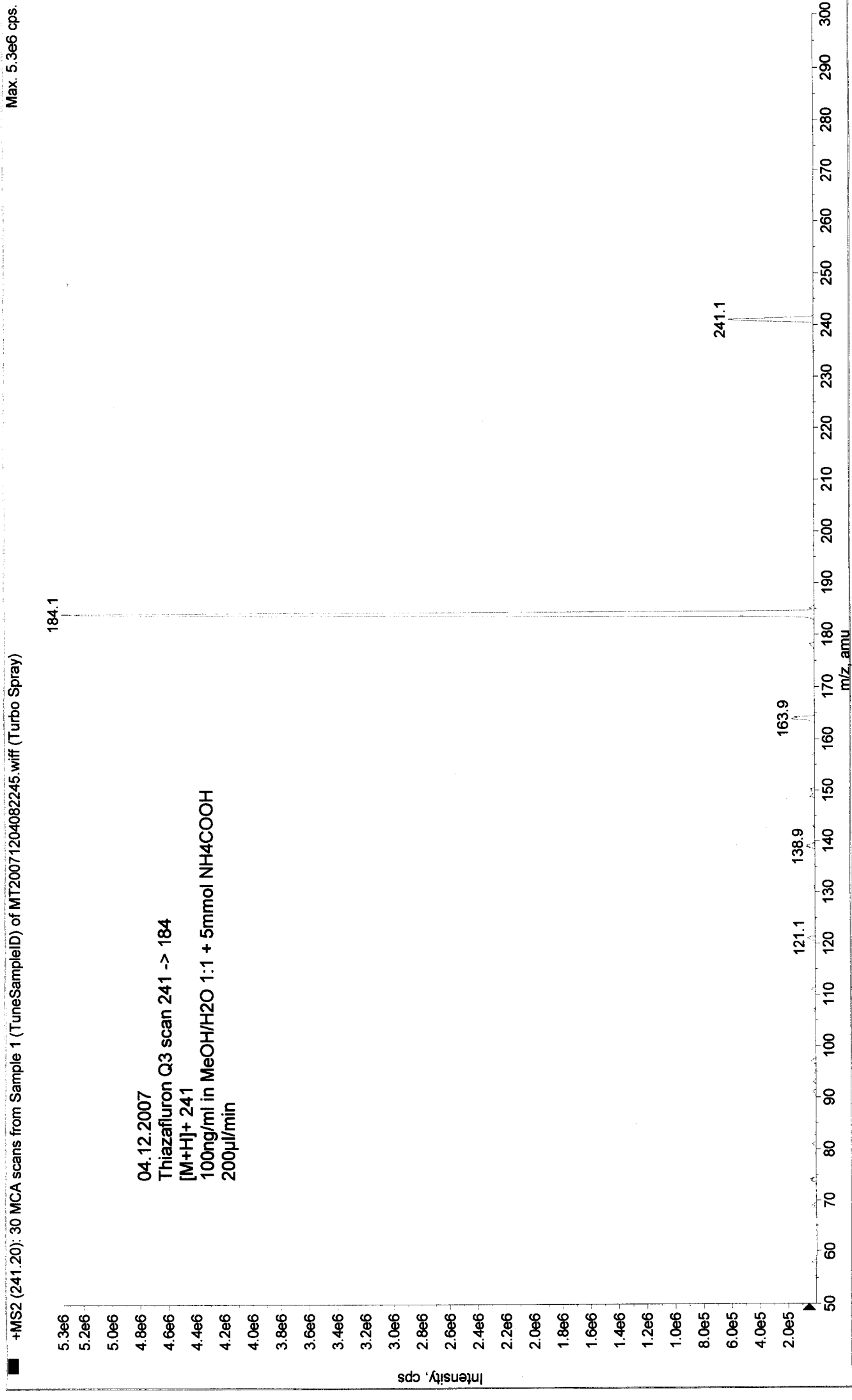
- CF₂=CHF


m/z 74/76

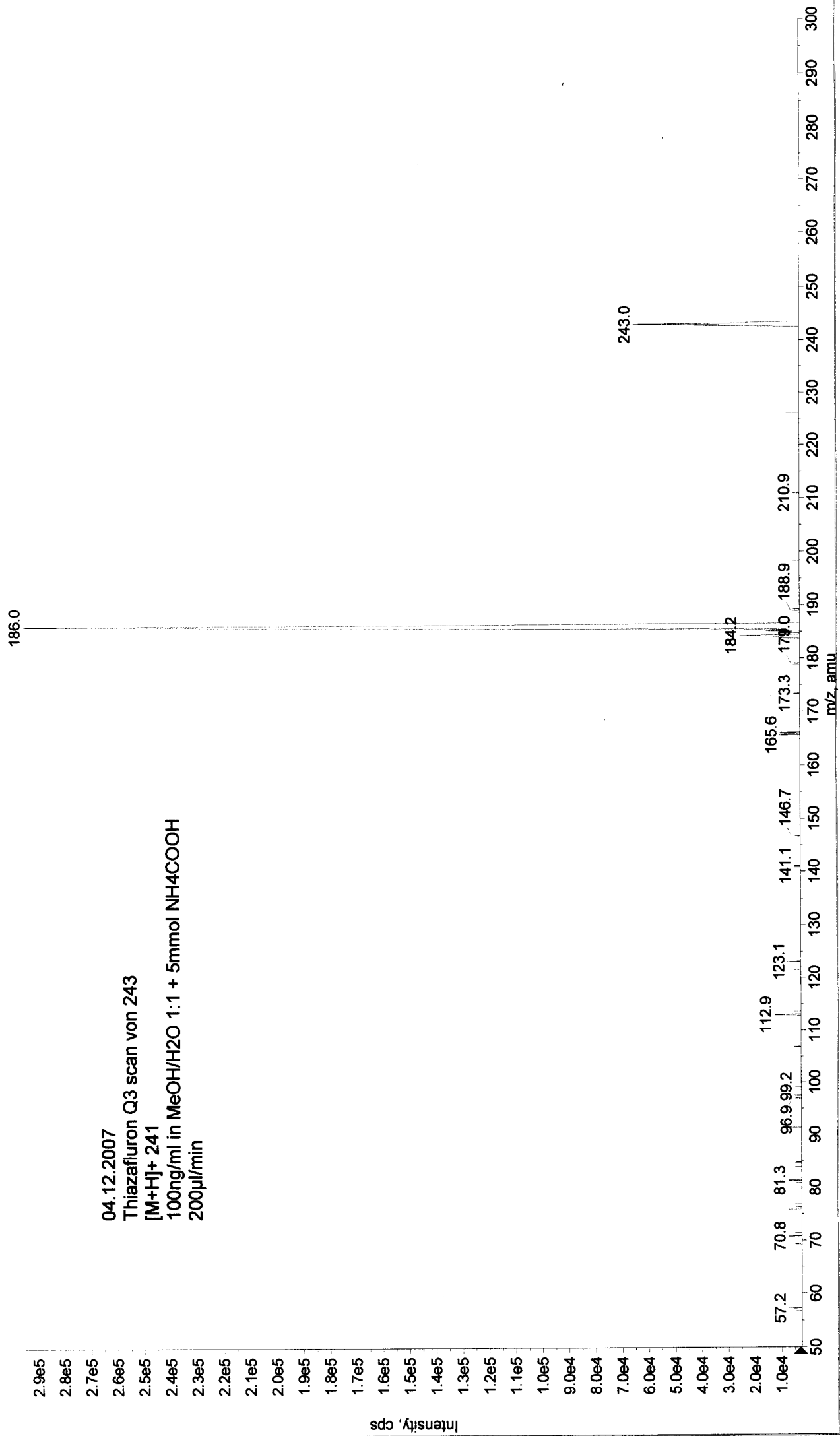
■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204081901.wiff (Turbo Spray)

Max. 8.3e7 cps.



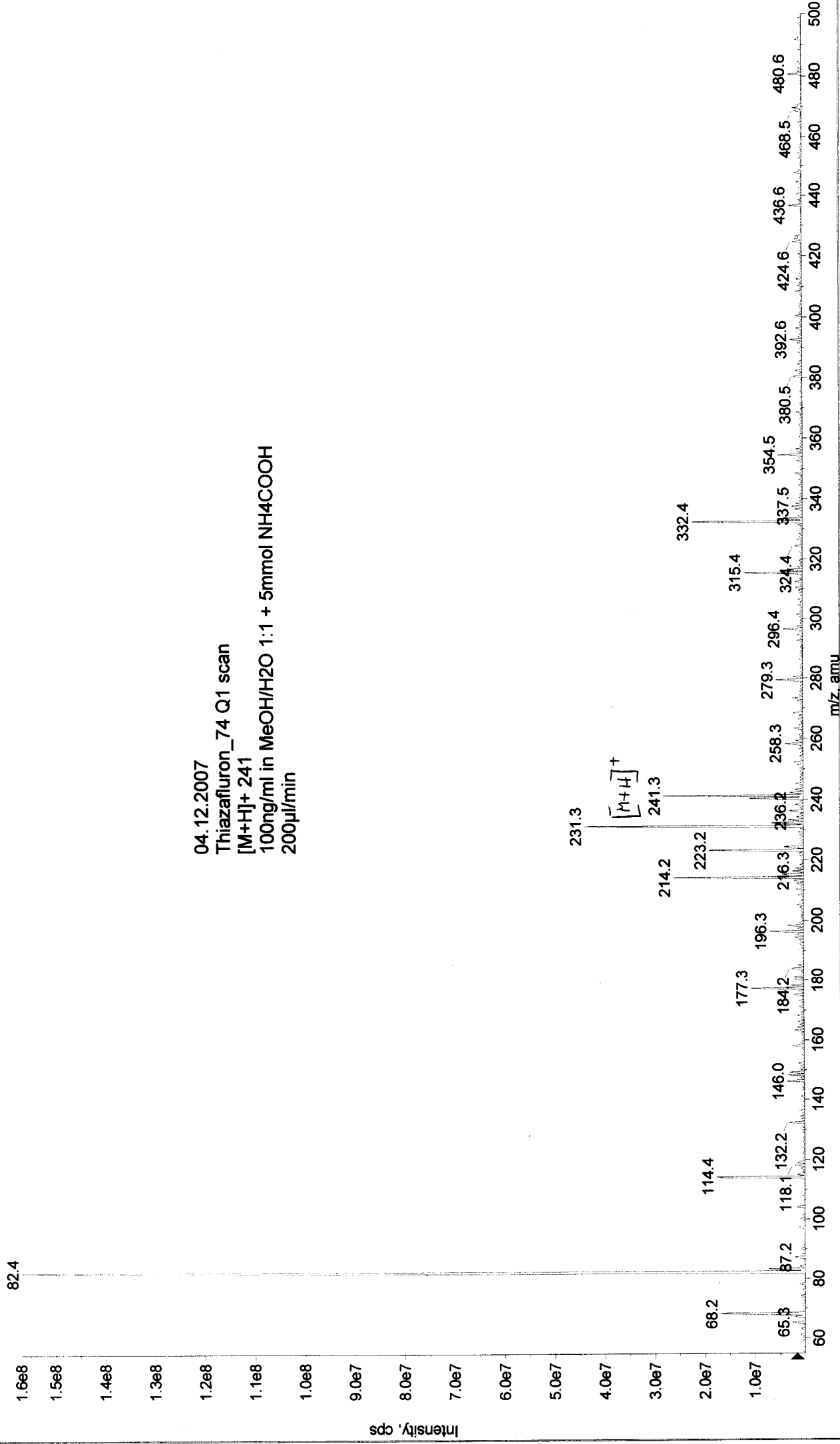


■ +MS2 (243.20): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204082422.wiff (Turbo Spray)

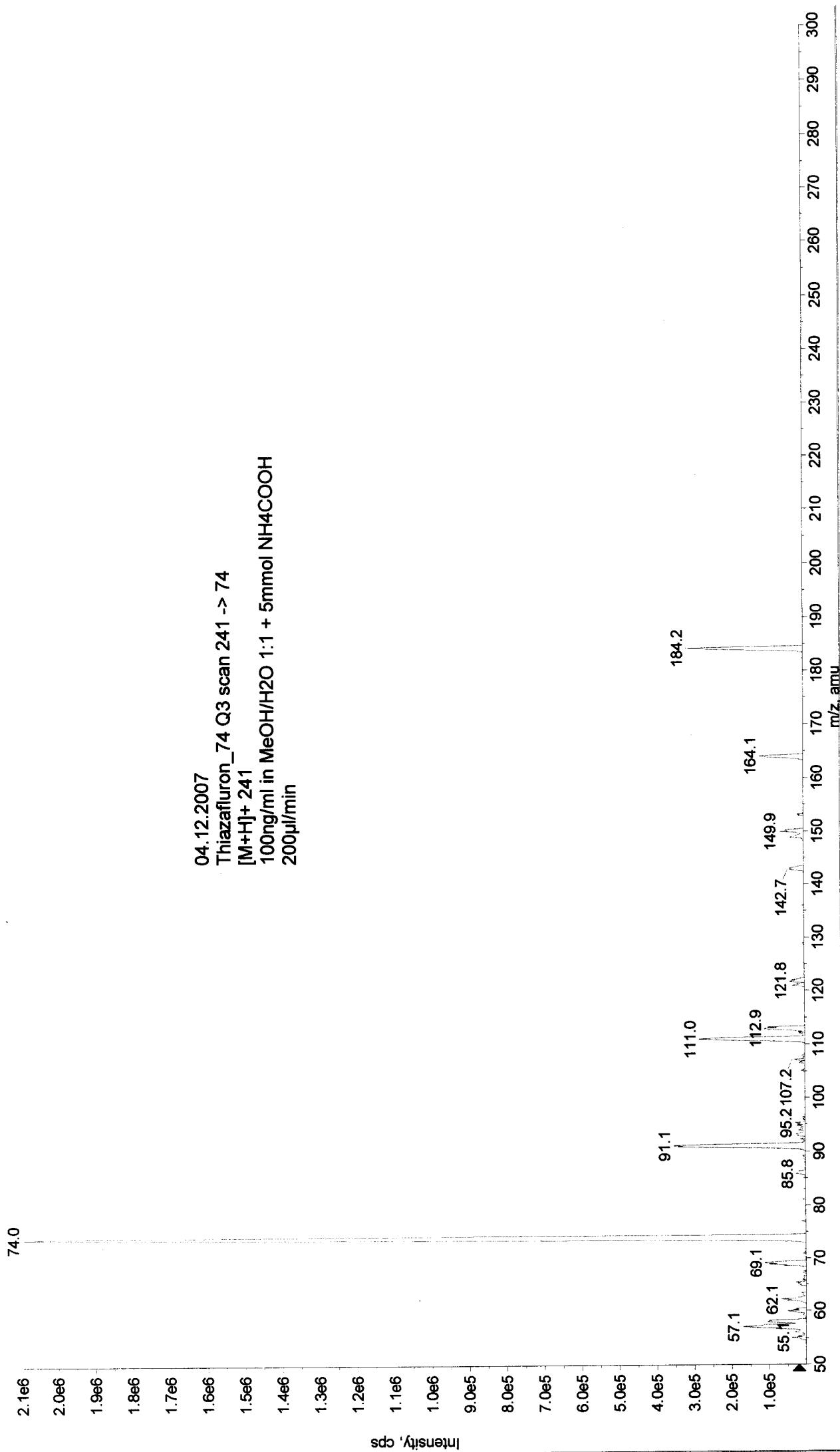


■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204082919.wiff (Turbo Spray)

Max. 1.6e8 cps.



■ +MS2 (241.20): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204083150.wiff (Turbo Spray)



■ +MS2 (243.20): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204083320.wiff (Turbo Spray)

