

MS/MS Parameters of Pesticides

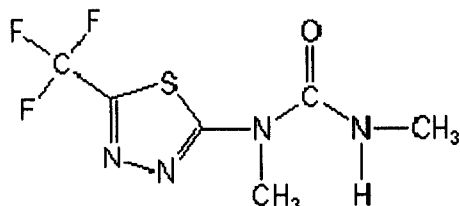
Analyte: Thiazafluron

CAS No.: 25366-23-8

Formula: C₆H₇F₃N₄OS

Molecular mass (lowest isotopes): 240,03 amu

Structure:



Ionisation: ESI -

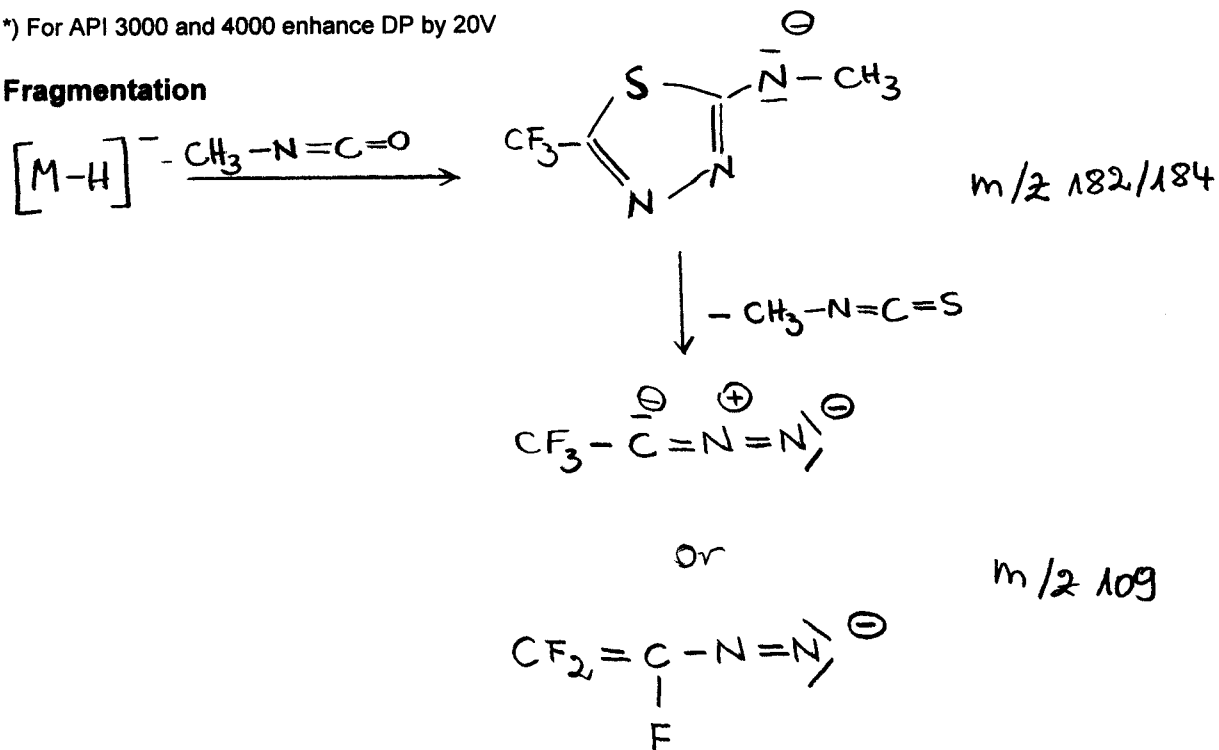
Quasimolecular ion: 239,0 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

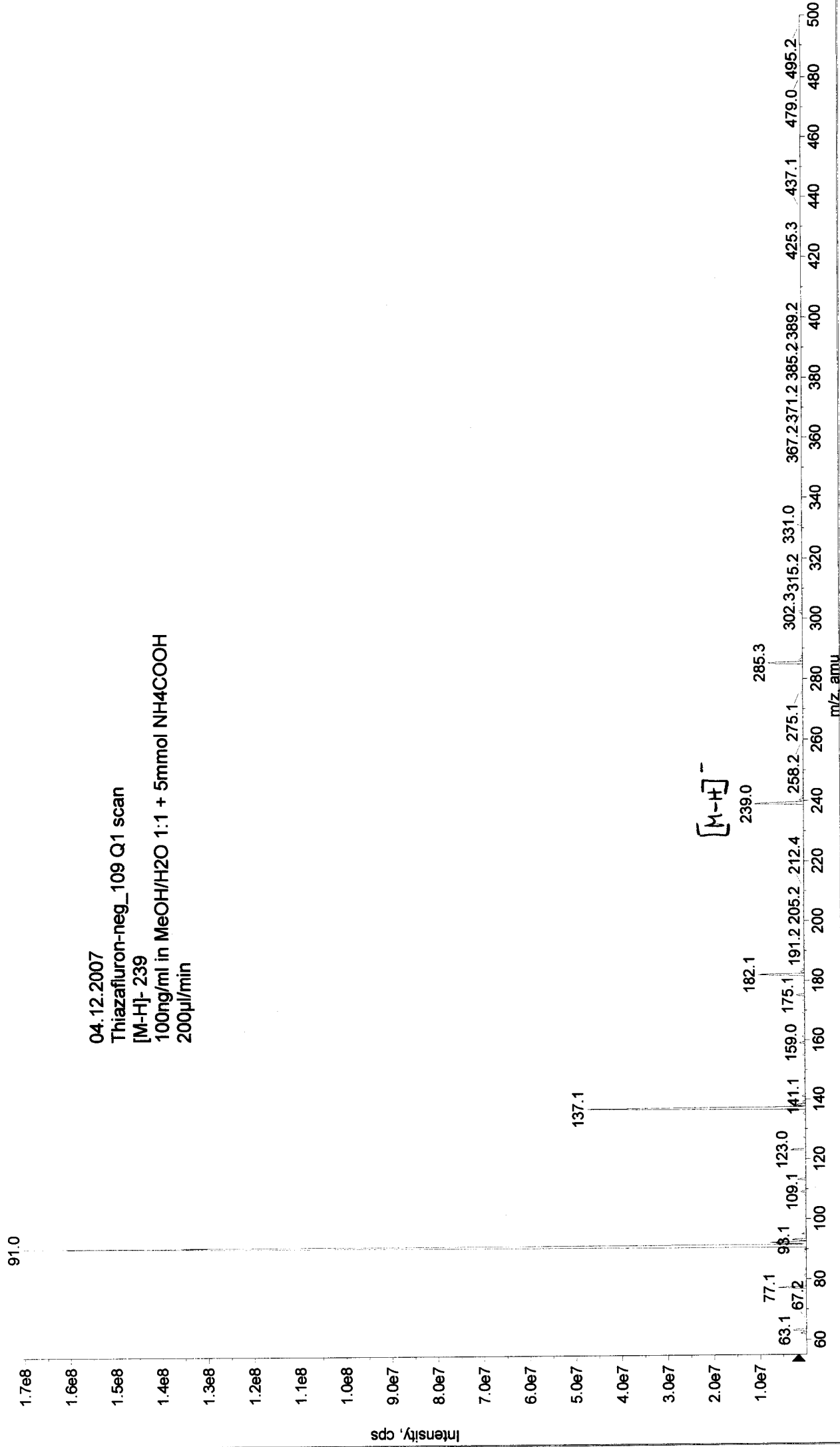
Transition	239,0 → 182,1	239,0 → 108,9
Declustering potential (DP)*)	-16 V	-16 V
Focusing potential (FP)	-350 V	-340 V
Entrance potential (EP)	-10 V	-10 V
Collision cell entrance potential (CEP)	-24 V	-24 V
Collision energy (CE)	-12 V	-30 V
Collision cell exit potential (CXP)	-12 V	-8 V

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

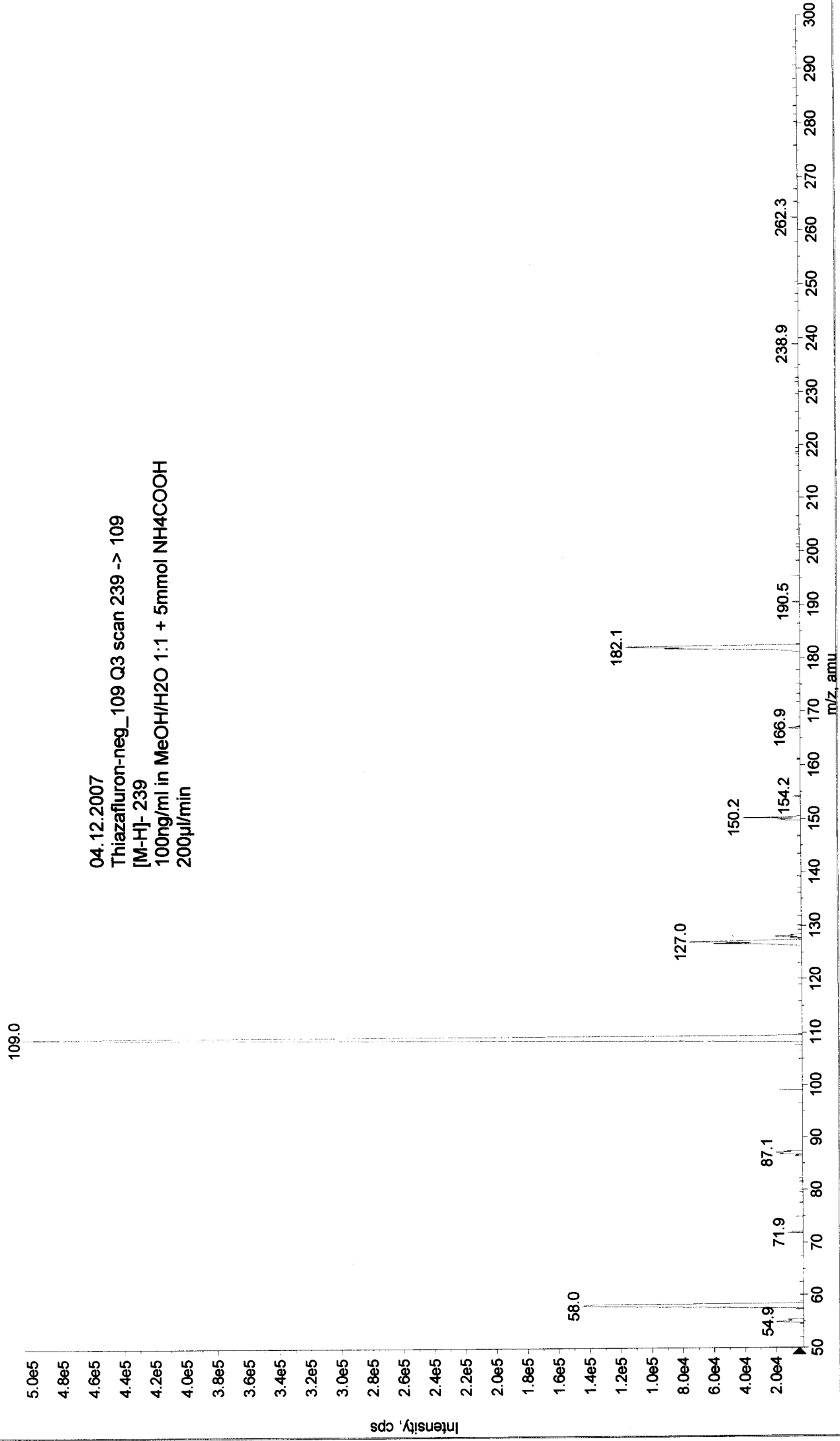
Fragmentation



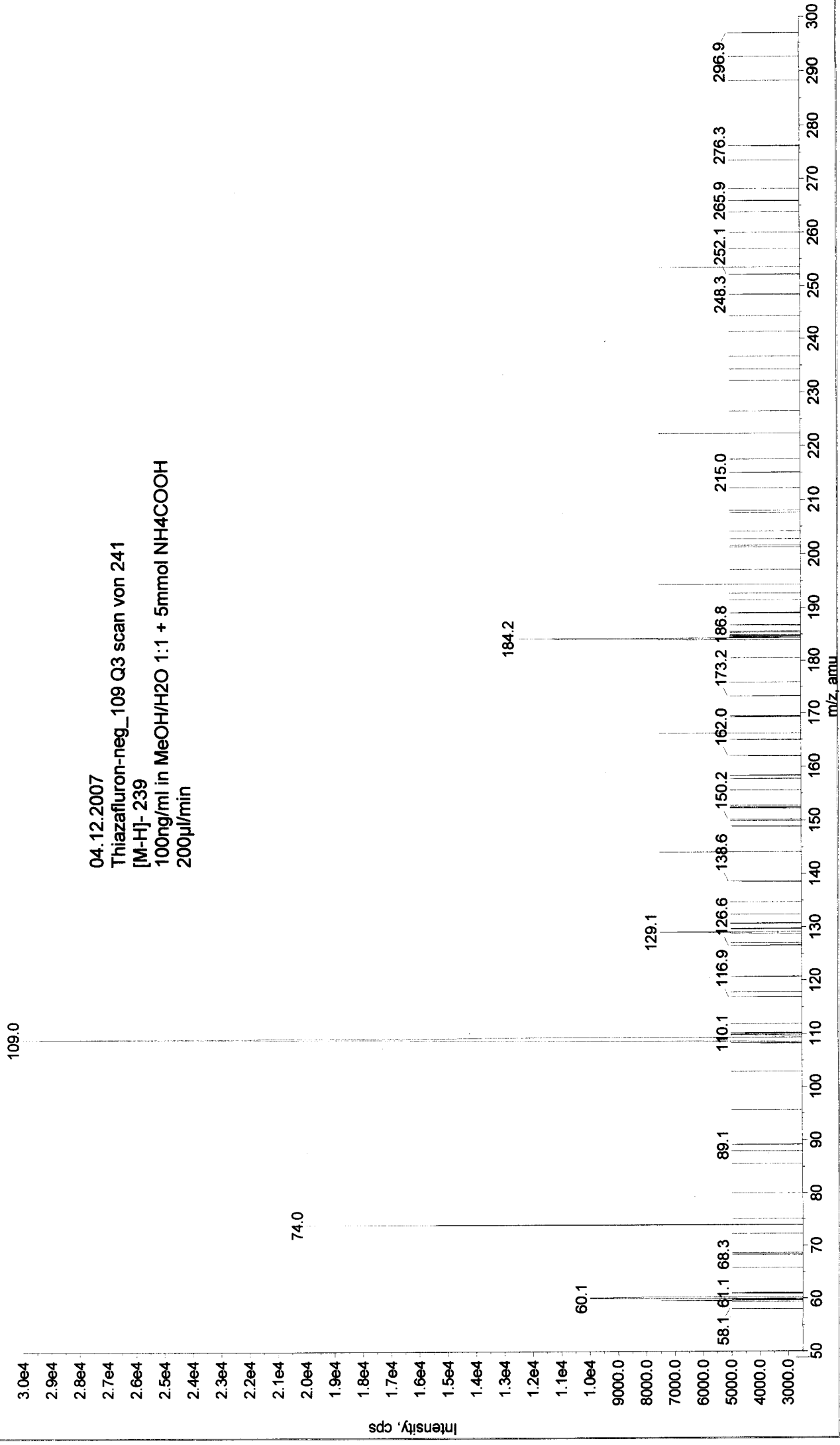
■ -Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204085442.wiff (Turbo Spray)



■ -MS2 (239.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204085736.wiff (Turbo Spray)

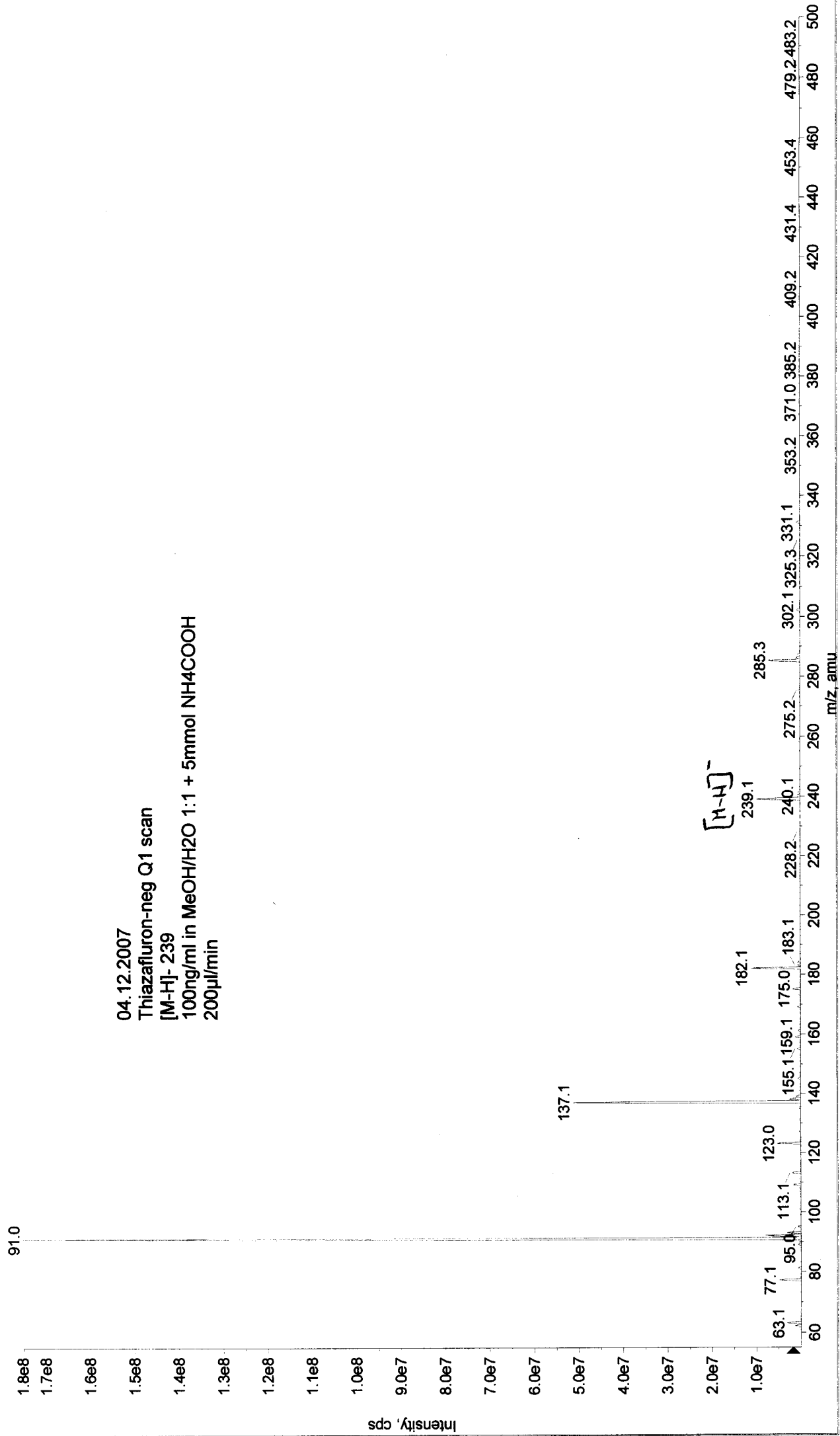


■ -MS2 (241.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204085926.wiff (Turbo Spray) Max. 3.0e4 cps.



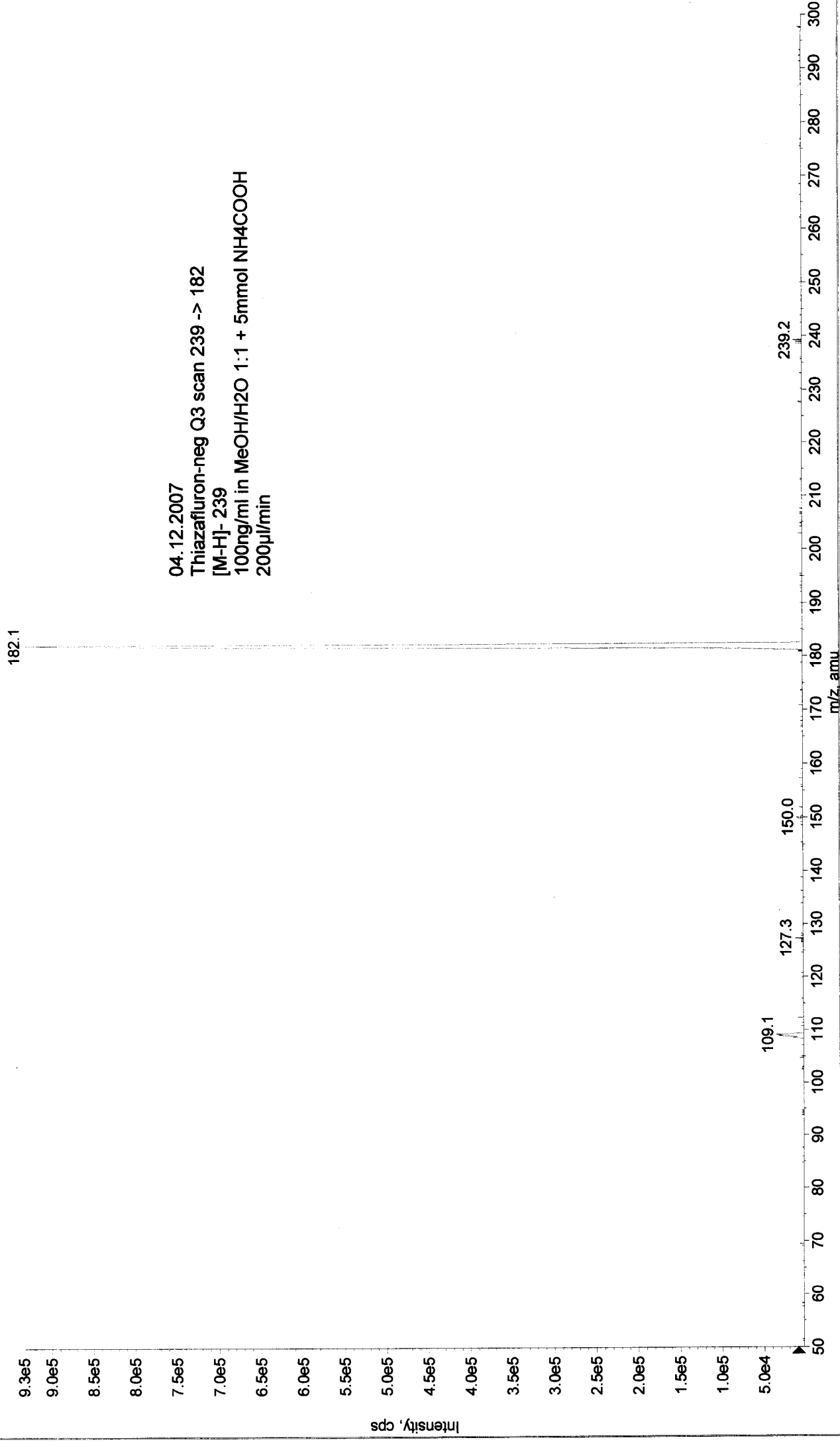
■ -Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204084047.wiff (Turbo Spray)

Max. 1.8e8 cps.



■ -MS2 (239.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204084551.wiff (Turbo Spray)

Max. 9.3e5 cps.



Max. 4.5e4 cps.

MS2 (241.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204084819.wiff (Turbo Spray)

