

MS/MS Parameters of Pesticides

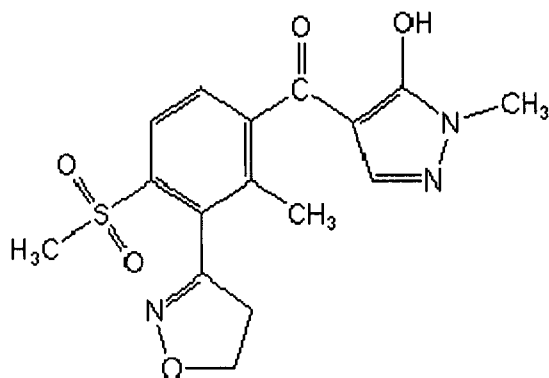
Analyte: Topramezone

CAS No.: 210631-68-8

Formula: C₁₆H₁₇N₃O₅S

Molecular mass (lowest isotopes): 363,09 amu

Structure:



Ionisation: ESI –

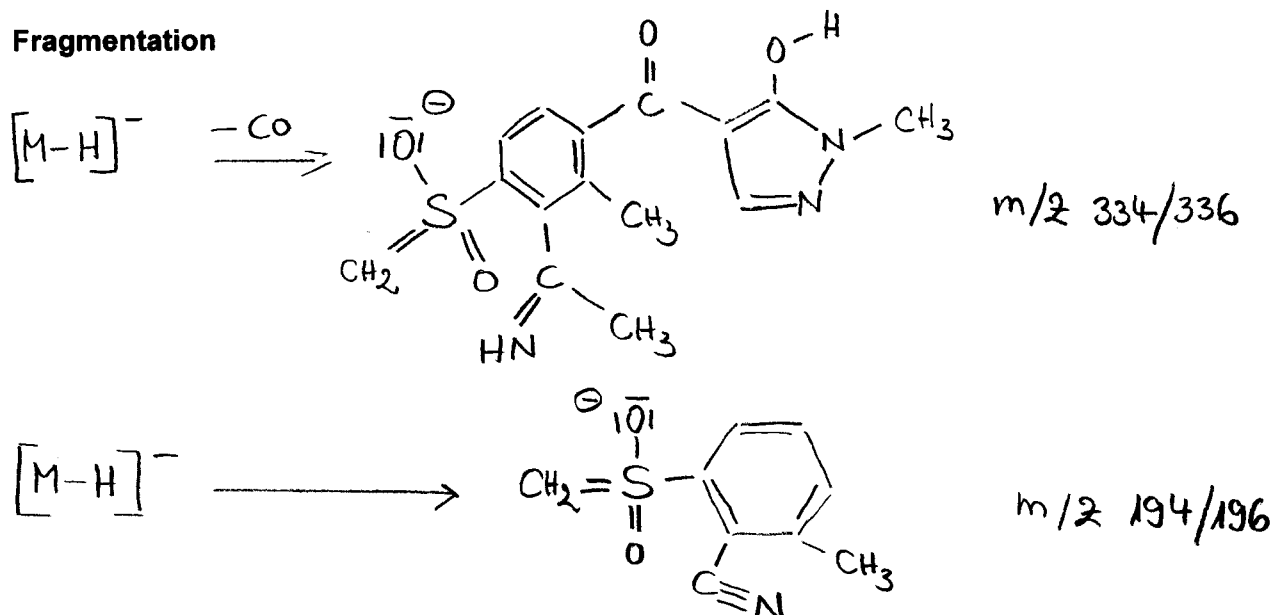
Quasimolecular ion: 362,1 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

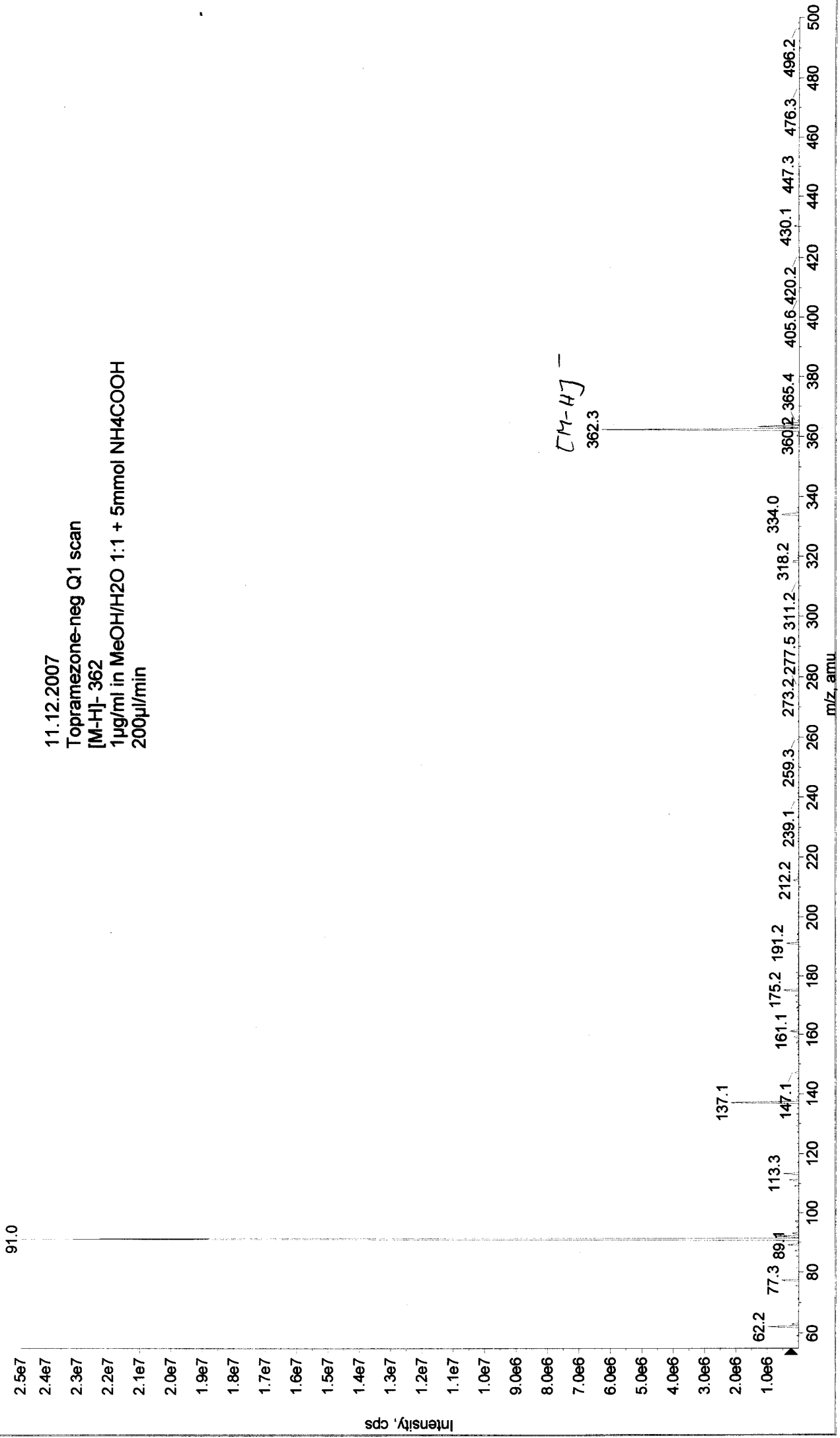
Transition	362,1 → 194,1	362,1 → 334,1
Declustering potential (DP)*)	-56 V	-56 V
Focusing potential (FP)	-350 V	-350 V
Entrance potential (EP)	-10 V	-10 V
Collision cell entrance potential (CEP)	-22 V	-24 V
Collision energy (CE)	-34 V	-28 V
Collision cell exit potential (CXP)	-12 V	-22 V

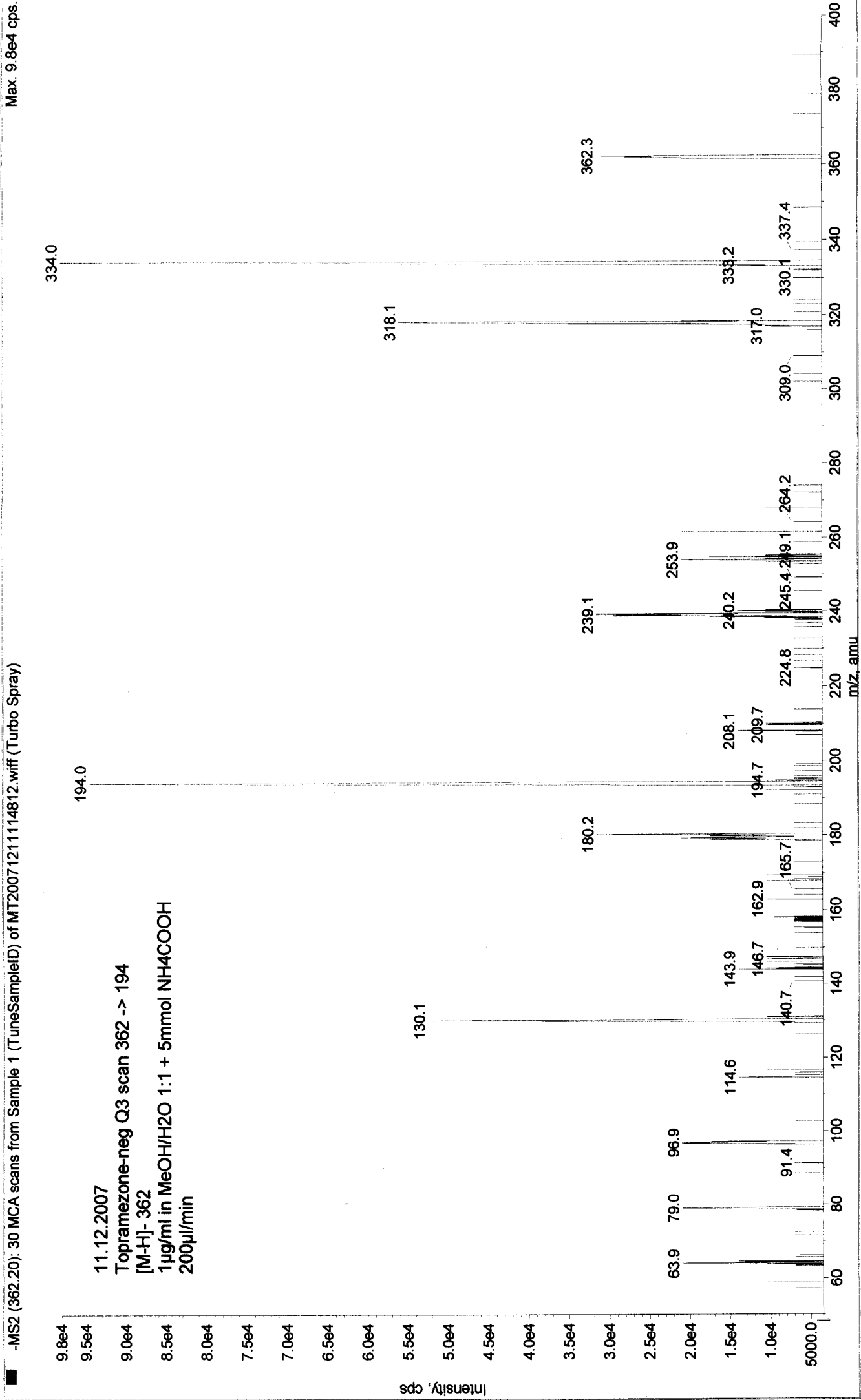
*) For API 3000 and 4000 enhance DP by 20V

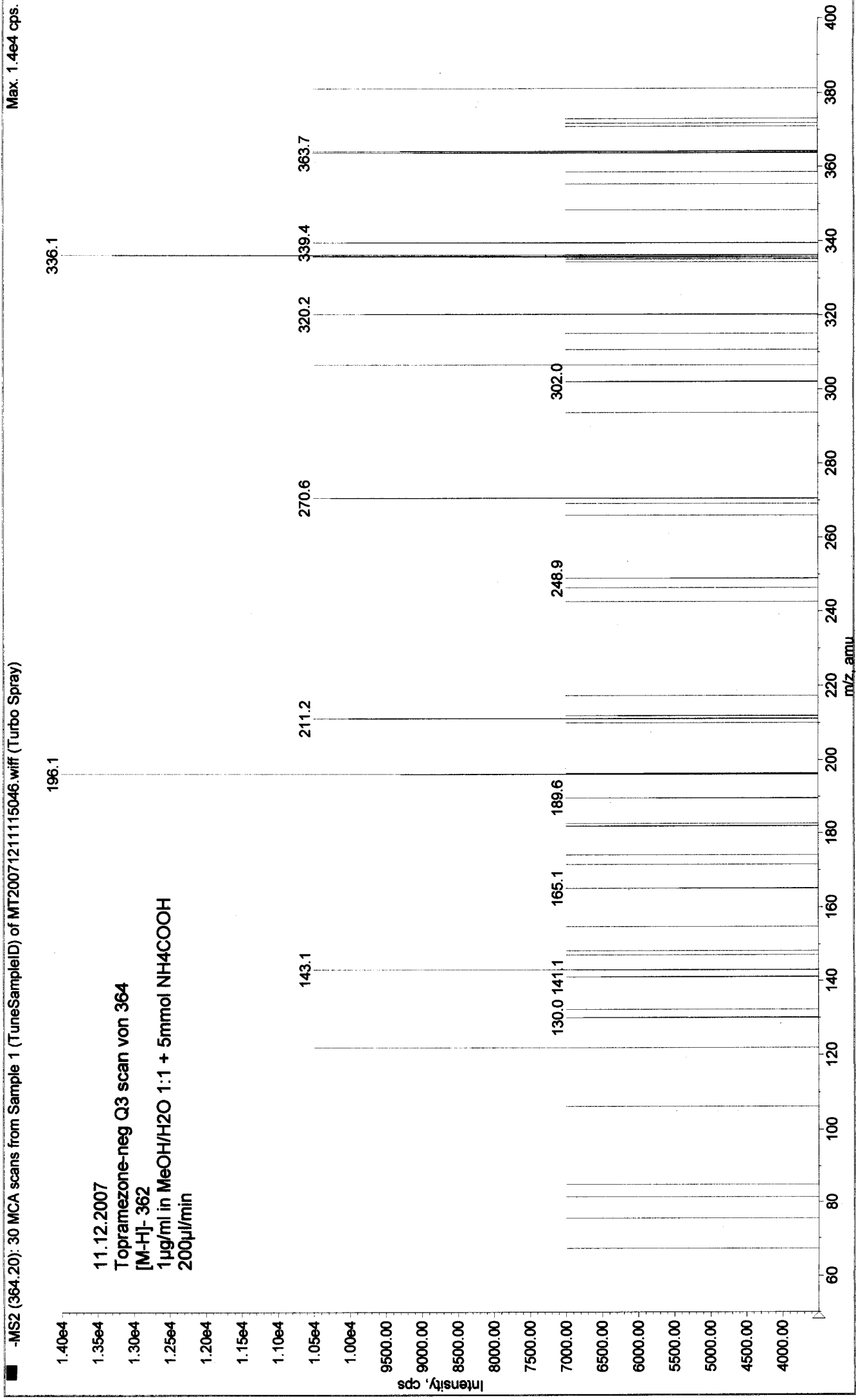
Fragmentation



-Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT2007121114434.wiff (Turbo Spray)

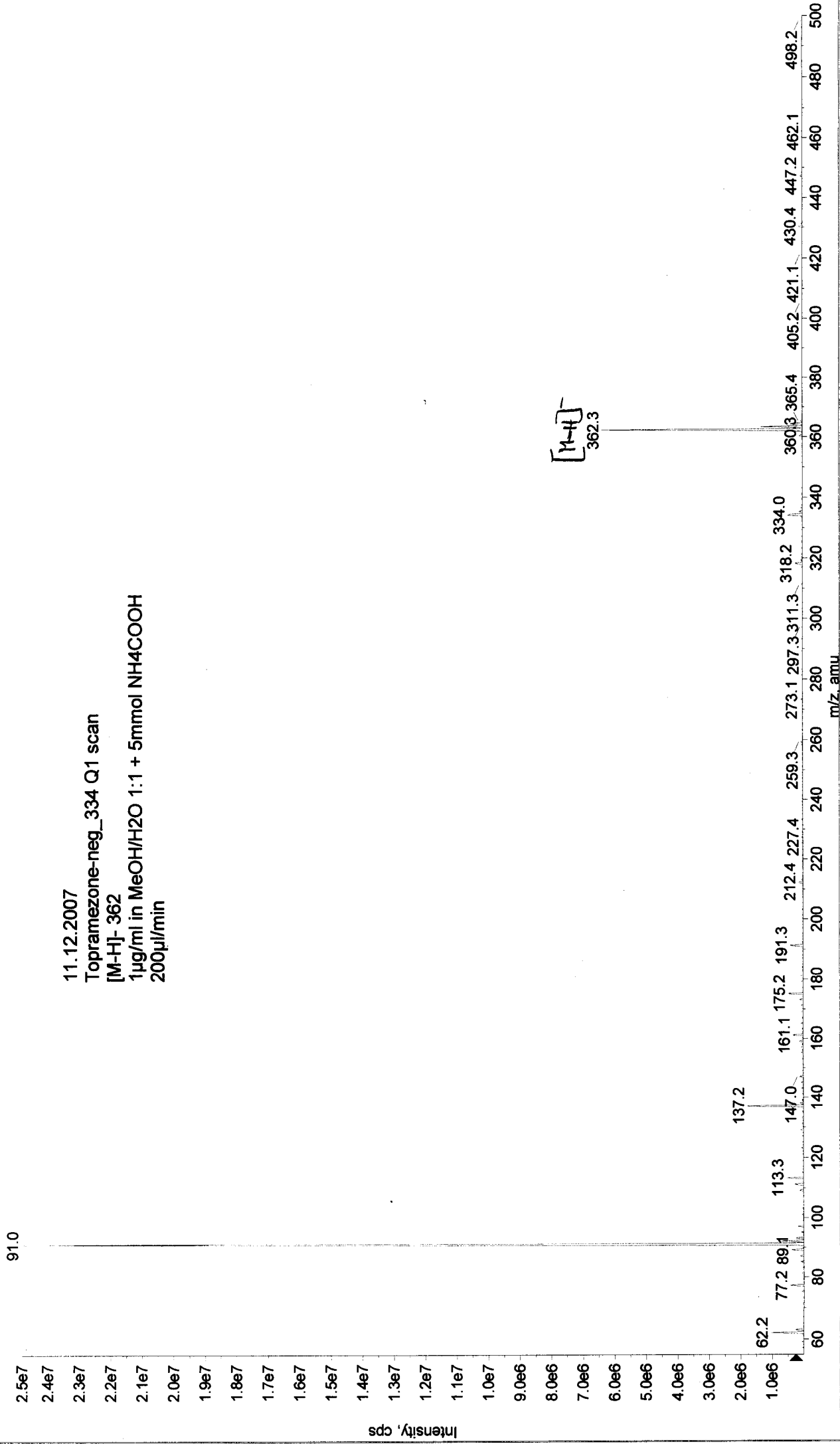






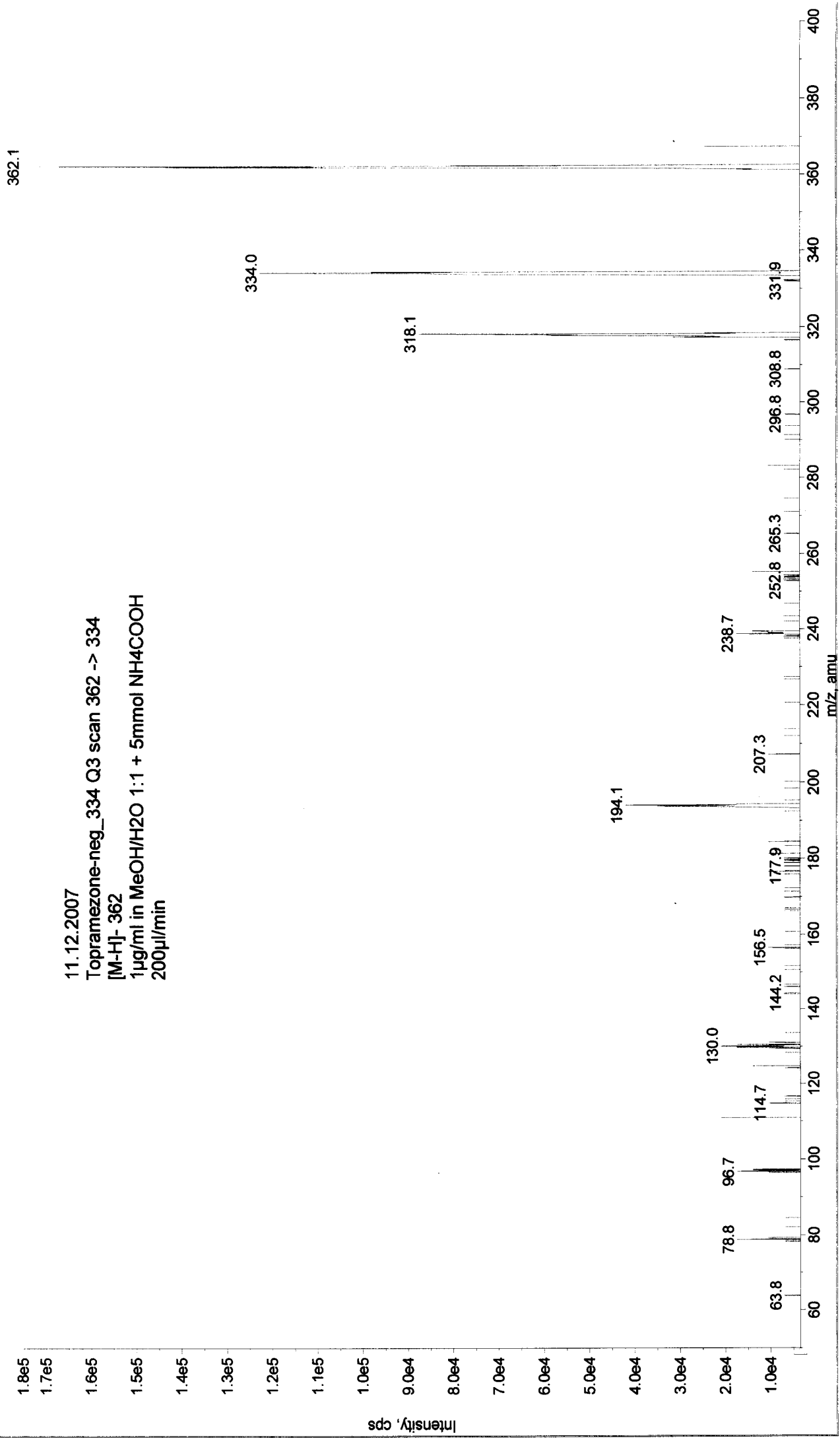
■ -Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071211115446.wiff (Turbo Spray)

Max. 2.5e7 cps.



■ -MS2 (362.20): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071211115640.wiff (Turbo Spray)

Max. 1.8e5 cps.



Max. 2.1e4 cps.

