

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

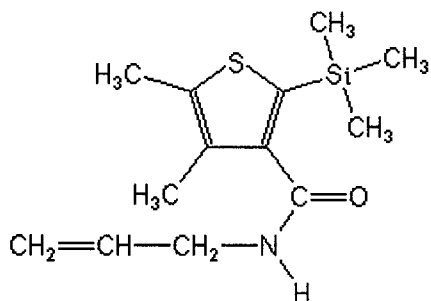
Analyte: Silthiofam

CAS No.: 175217-20-6

Formula: C₁₃H₂₁NOSSi

Molecular mass (lowest isotopes): 267,11 amu

Structure:



Ionisation: ESI +

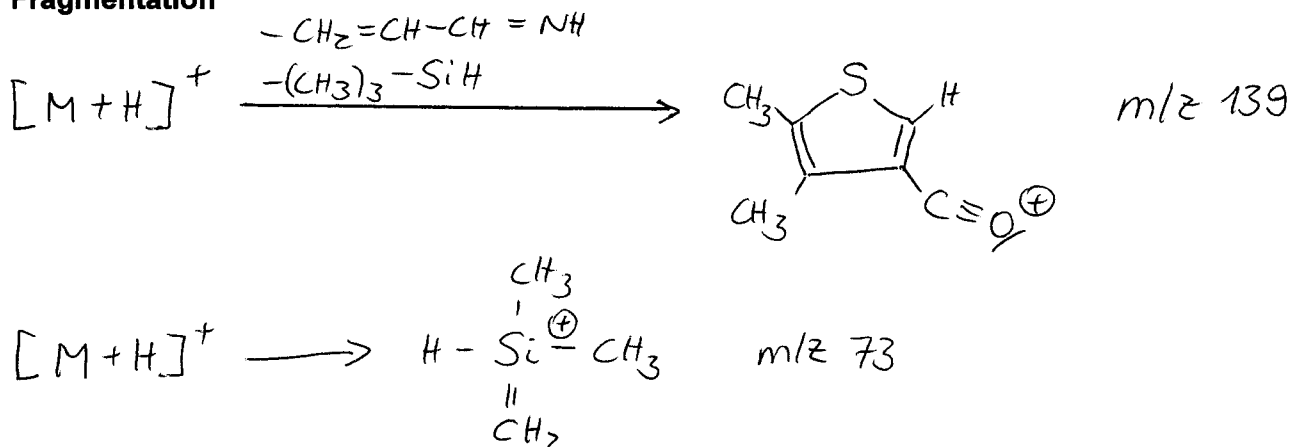
Quasimolecular ion: 268,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	268,1 → 139,1	268,1 → 73,0
Declustering potential (DP) ^{*)}	36V	36 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12,0 V	11,5 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	25 V	39 V
Collision cell exit potential (CXP)	6 V	4 V

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

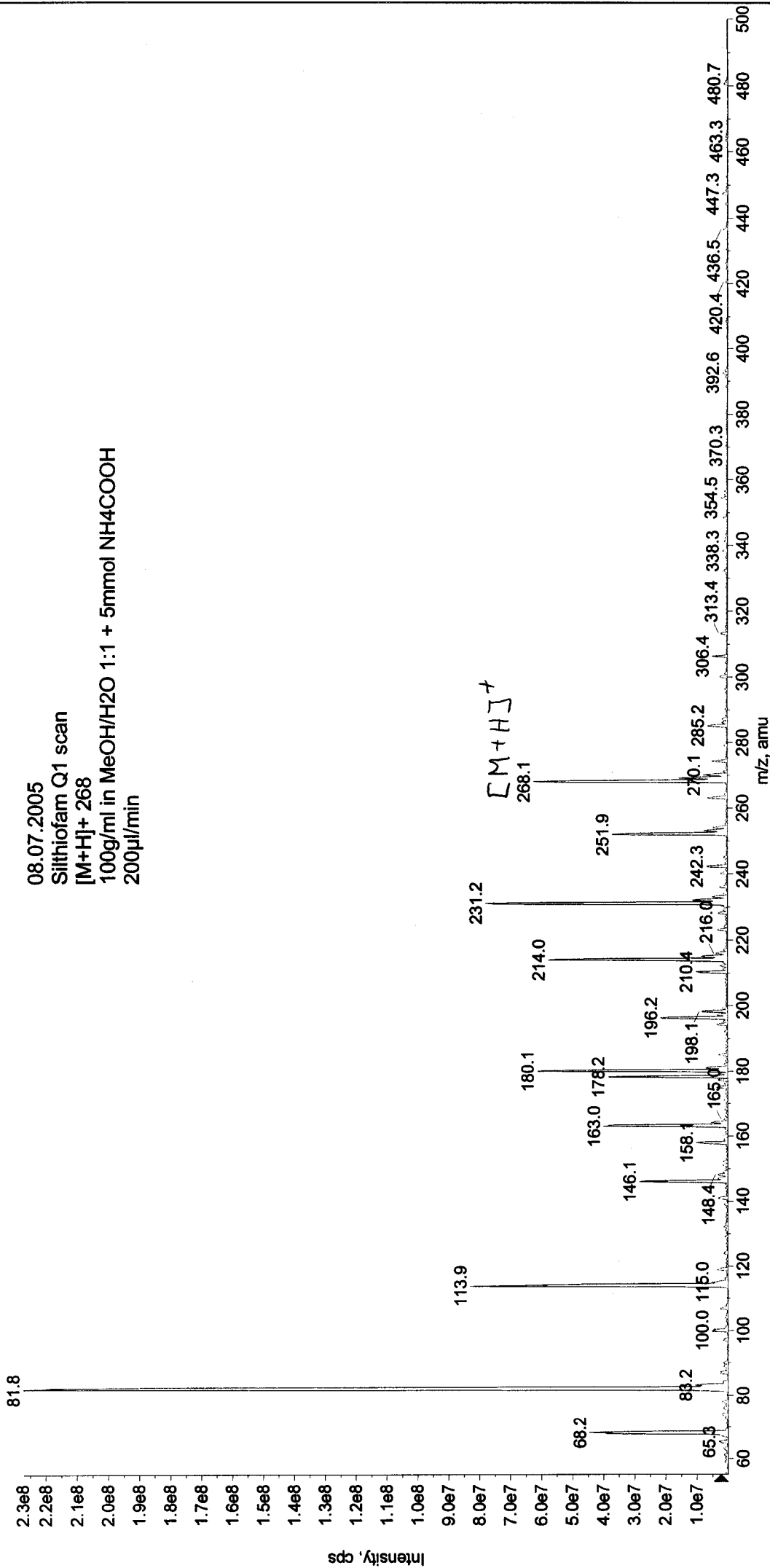
Fragmentation

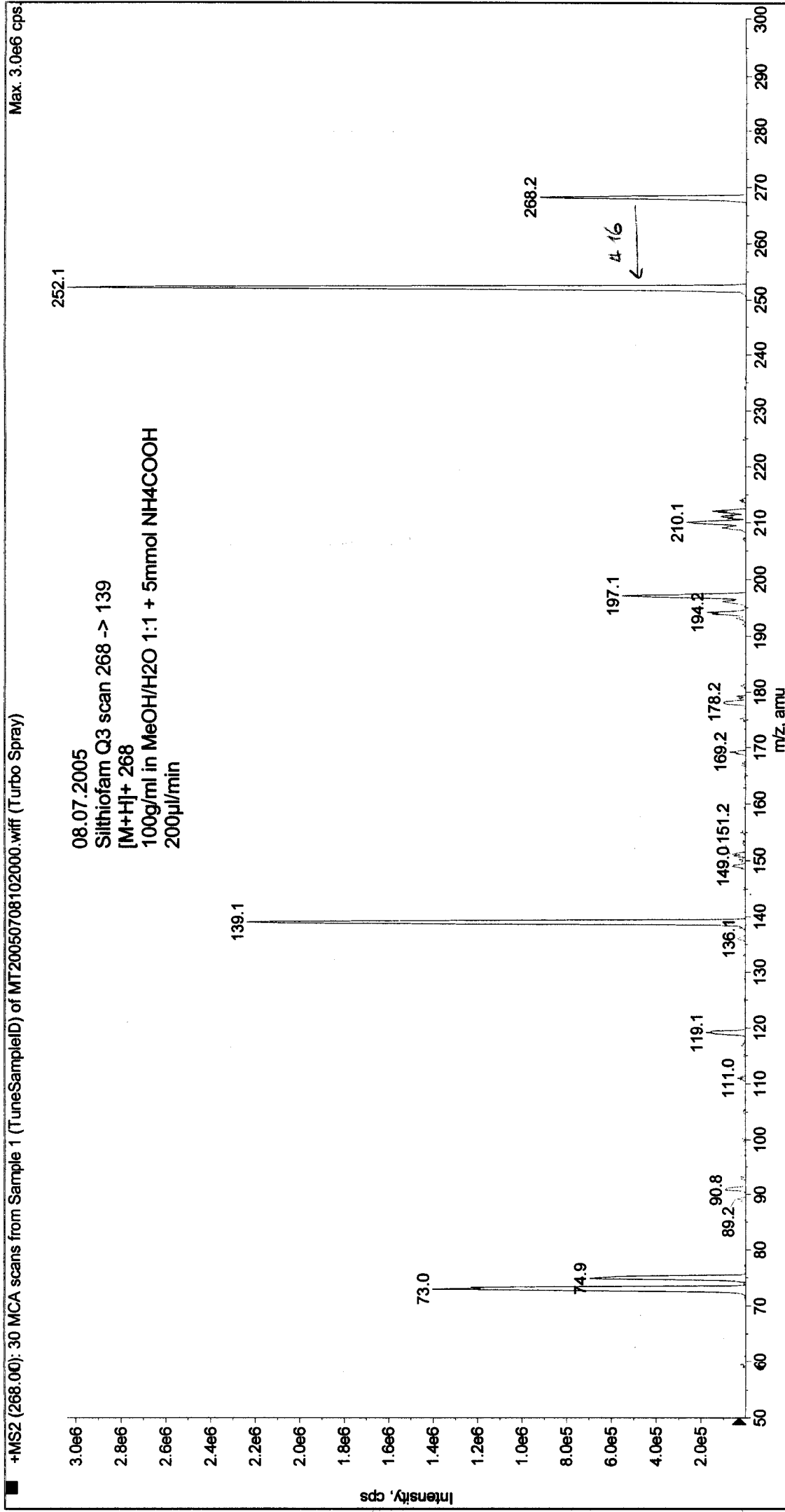


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050708101503.wiff (Turbo Spray)

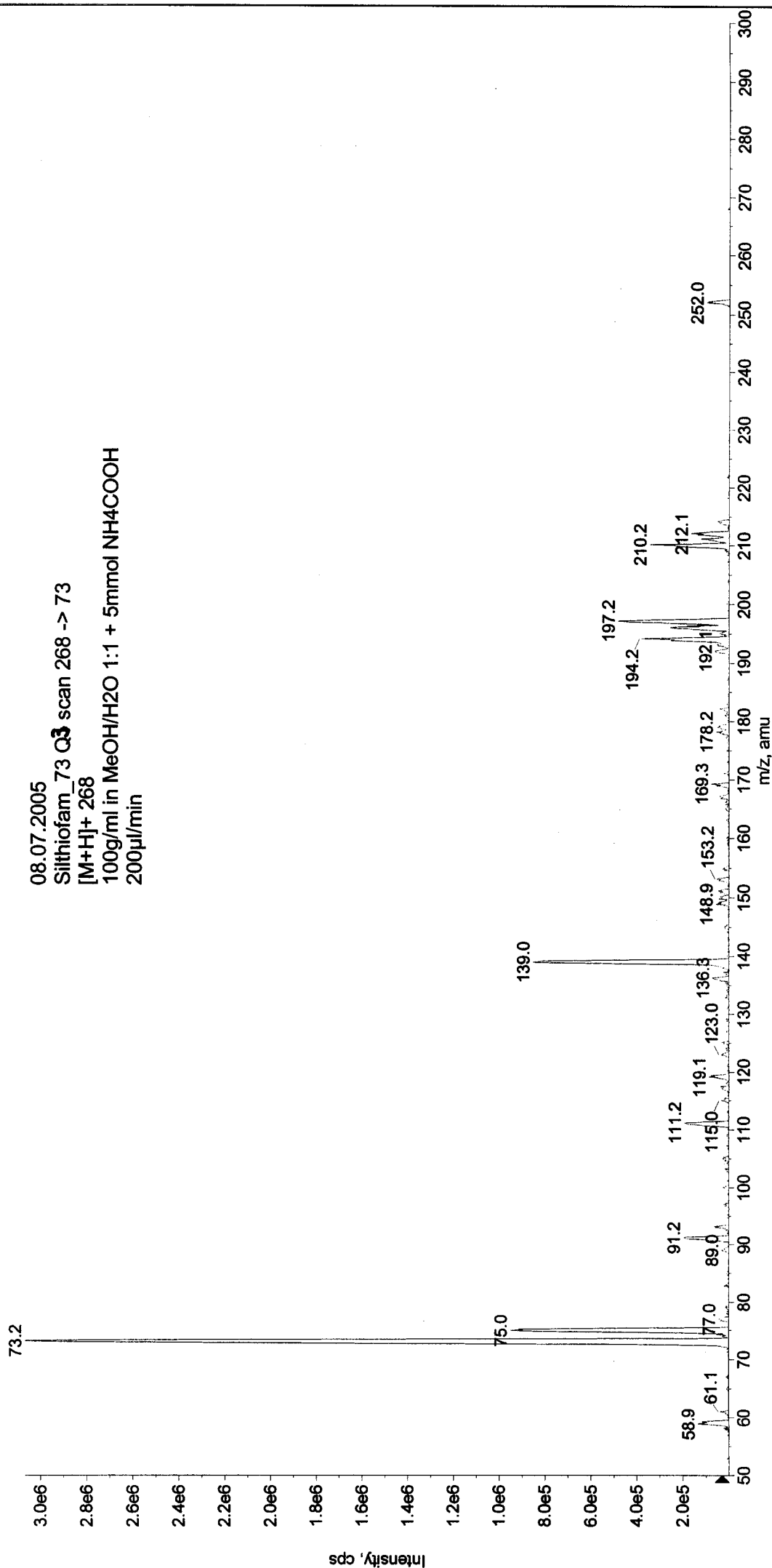
Max. 2.3e8 cps

08.07.2005
Siltiofam Q1 scan
[M+H]⁺ 268
100g/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min





■ +MS2 (268.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050708102707.wiff (Turbo Spray) Max. 3.1e6 cps



+MS2 (270.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050708102816.wiff (Turbo Spray) Max. 1.9e5 cps

