

## MS/MS Parameters of Pesticides

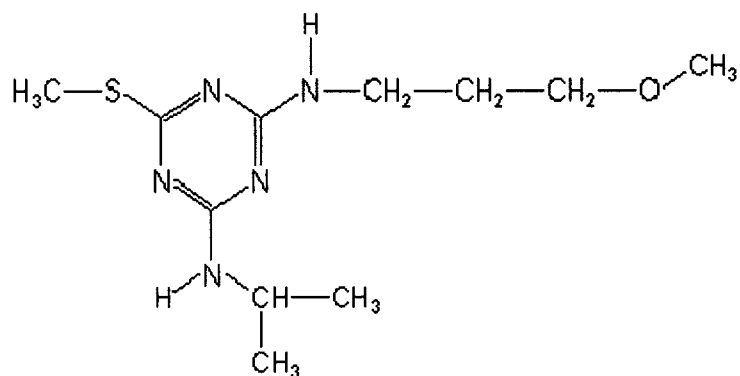
### Analyte: Methoprotryne

CAS No.: 841-06-5

Formula: C<sub>11</sub>H<sub>21</sub>N<sub>5</sub>OS

Molecular mass (lowest isotopes): 271,15 amu

Structure:



Ionisation: ESI +

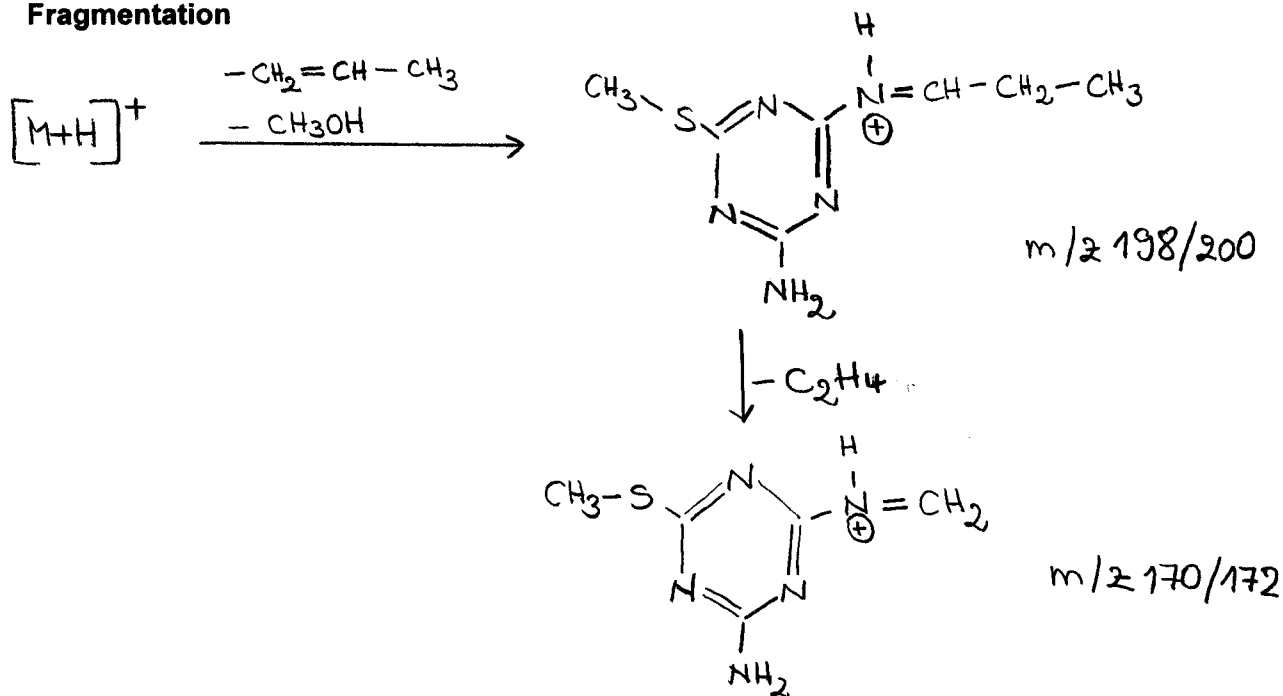
Quasimolecular ion: 272,2 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

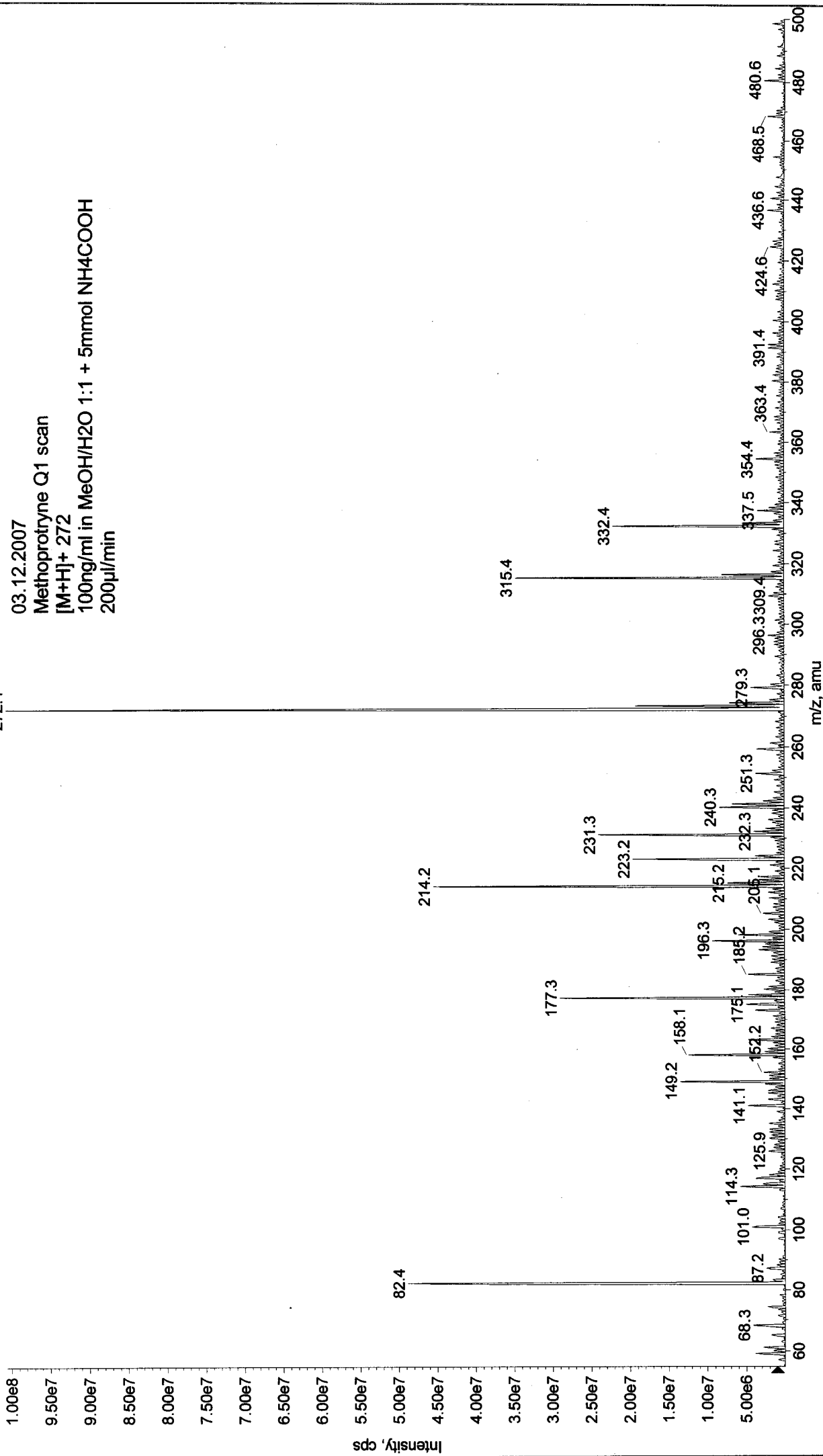
Transition	272,2 → 170,1	272,2 → 198,1
Declustering potential (DP) <sup>*)</sup>	23,5 V	23,5 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12 V	12 V
Collision cell entrance potential (CEP)	16 V	18 V
Collision energy (CE)	37 V	31 V
Collision cell exit potential (CXP)	8 V	10 V

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation

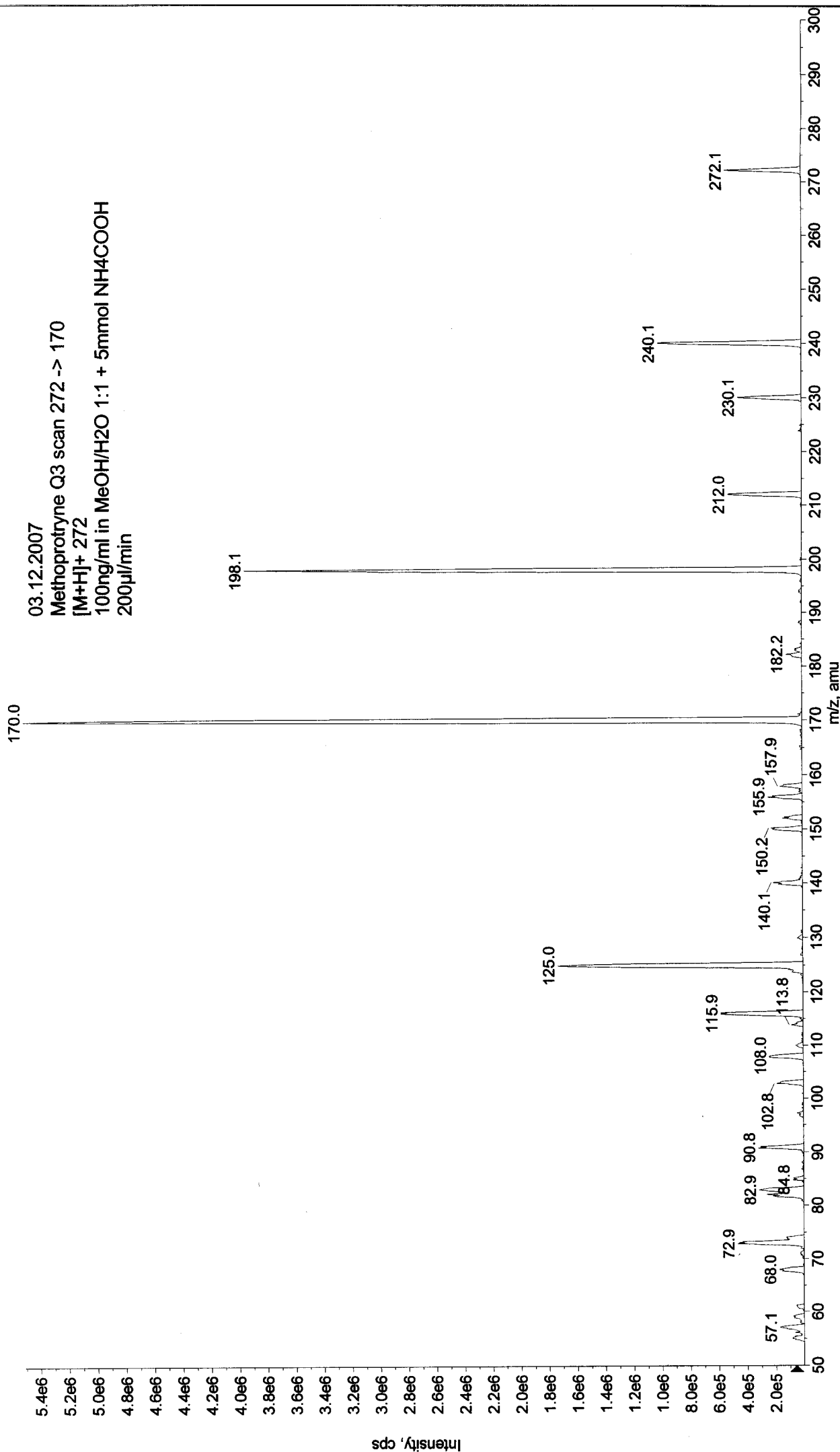


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071203134306.wiff (Turbo Spray) Max. 1.0e8 cps



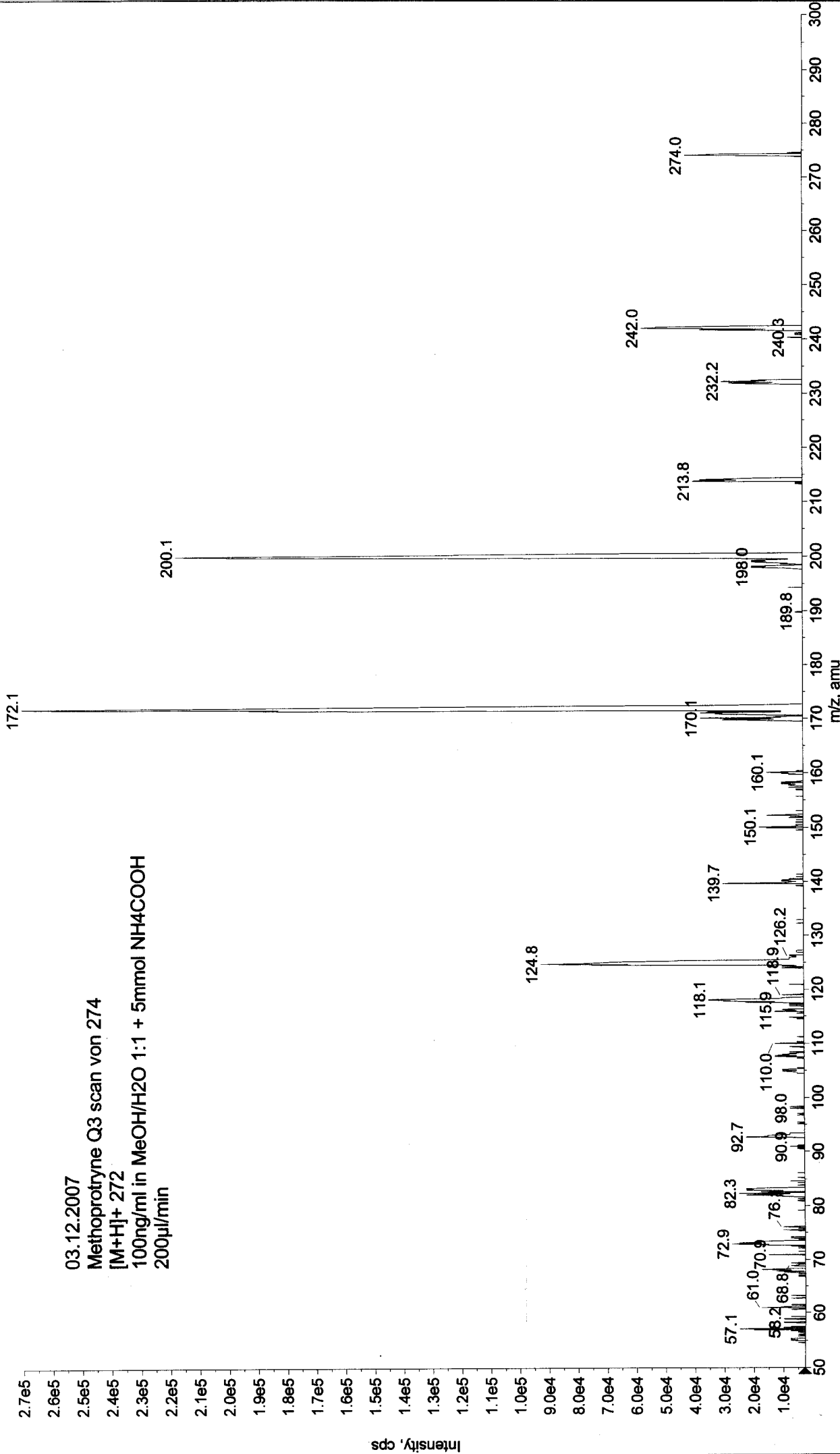
Max. 5.5e6 cps

+MS2 (272.30): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071203134502.wiff (Turbo Spray)

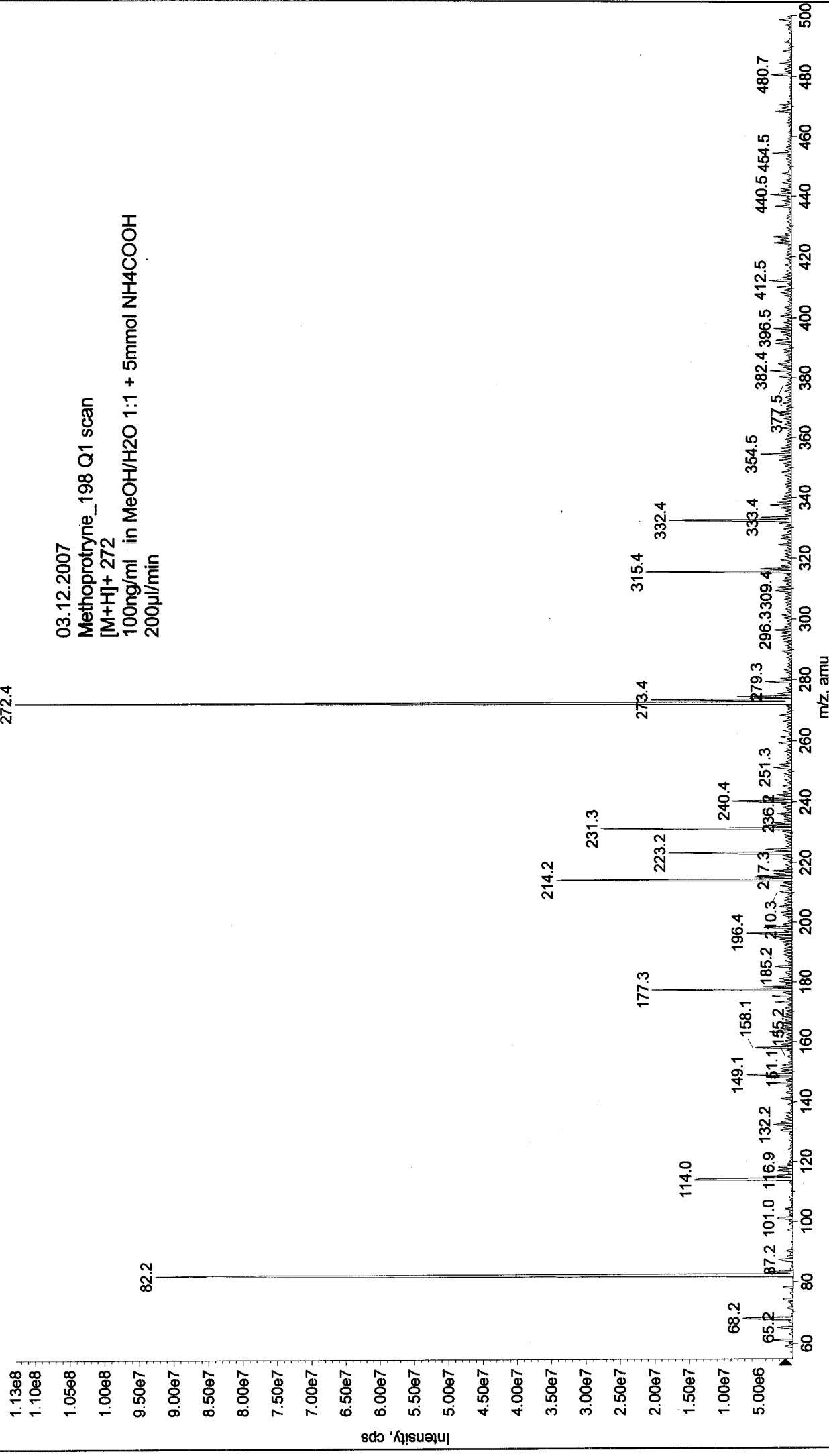


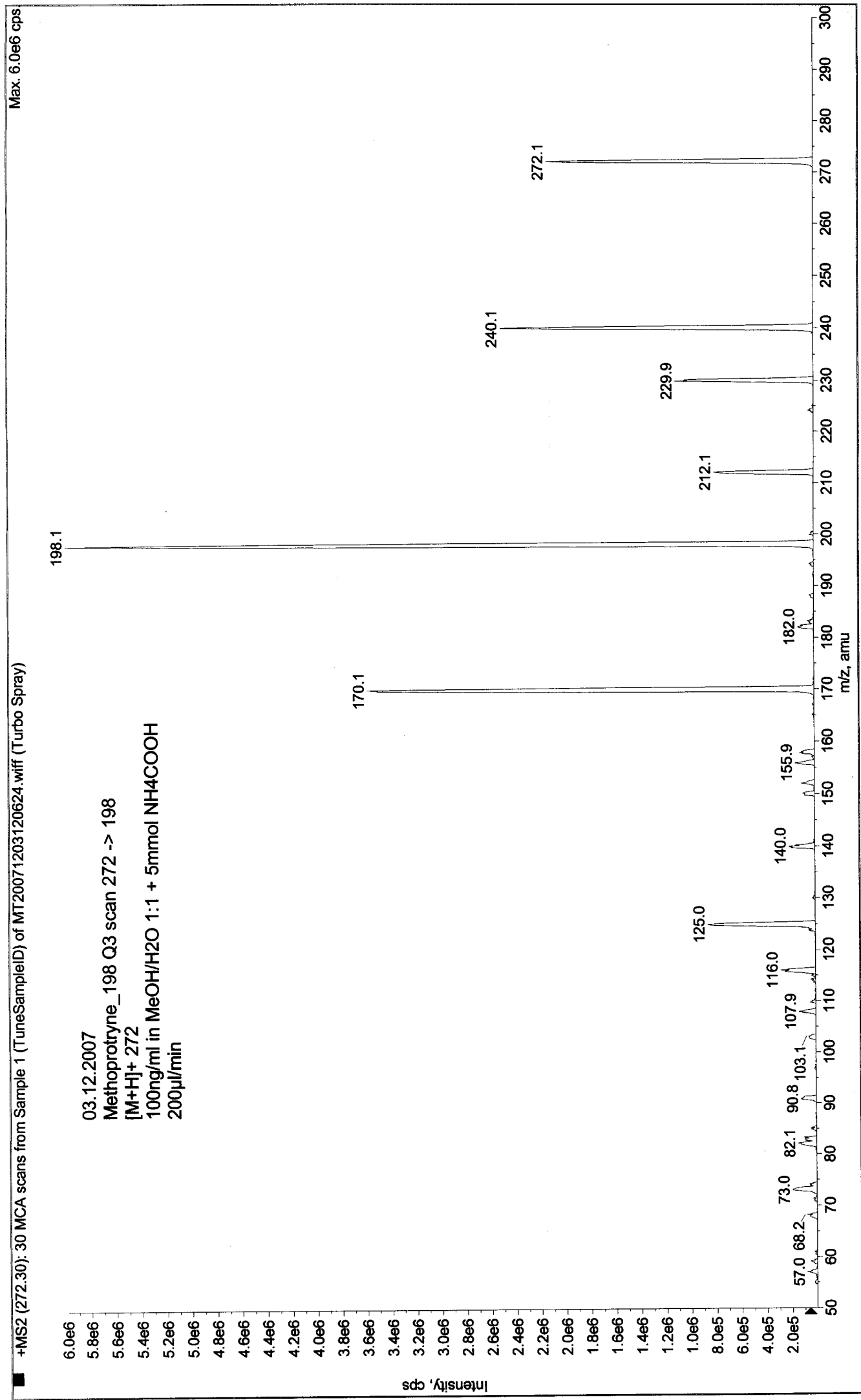
Max. 2.7e5 cps

+MS2 (274.30): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071203134624.wiff (Turbo Spray)



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071203120404.wiff (Turbo Spray) [M+H]<sup>+</sup> Max. 1.1e8 cps





Max. 2.9e5 cps

+MS2 (274.30): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071203120759.wiff (Turbo Spray)

03.12.2007  
Methoprotrotyne\_198 Q3 scan von 274  
[M+H]<sup>+</sup> 272  
100ng/ml in MeOH/H<sub>2</sub>O 1:1 + 5mmol NH<sub>4</sub>COOH  
200µl/min

