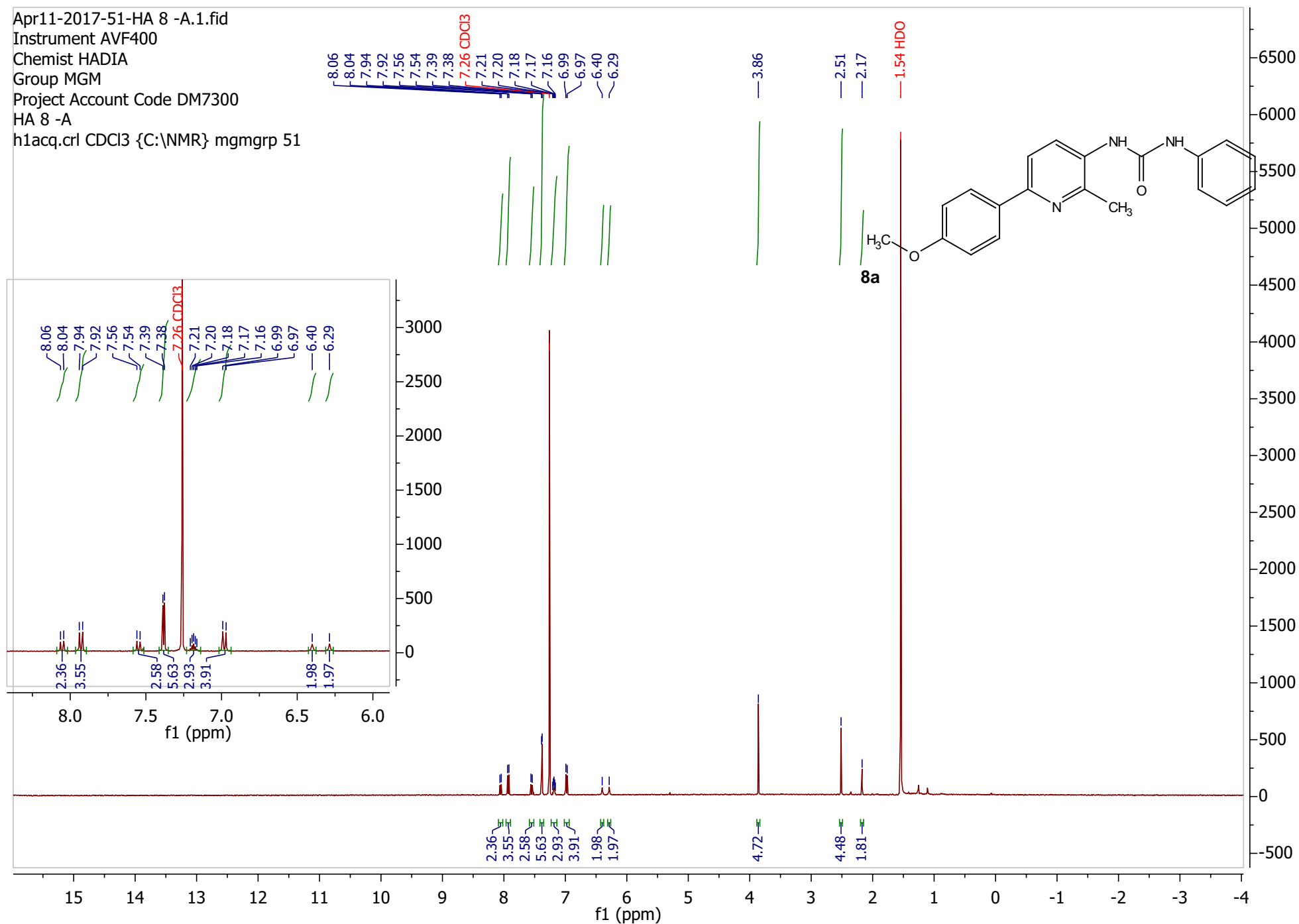
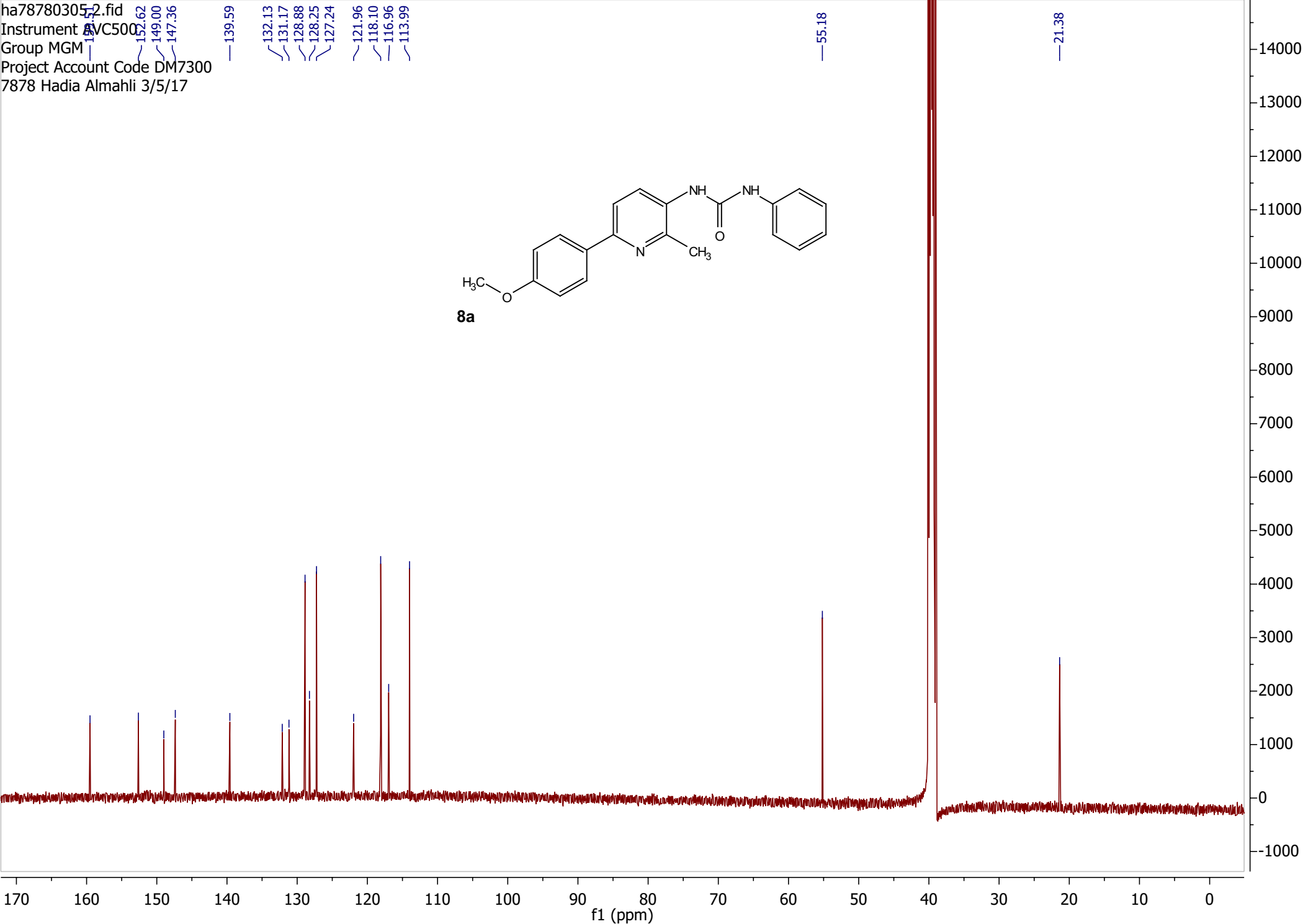
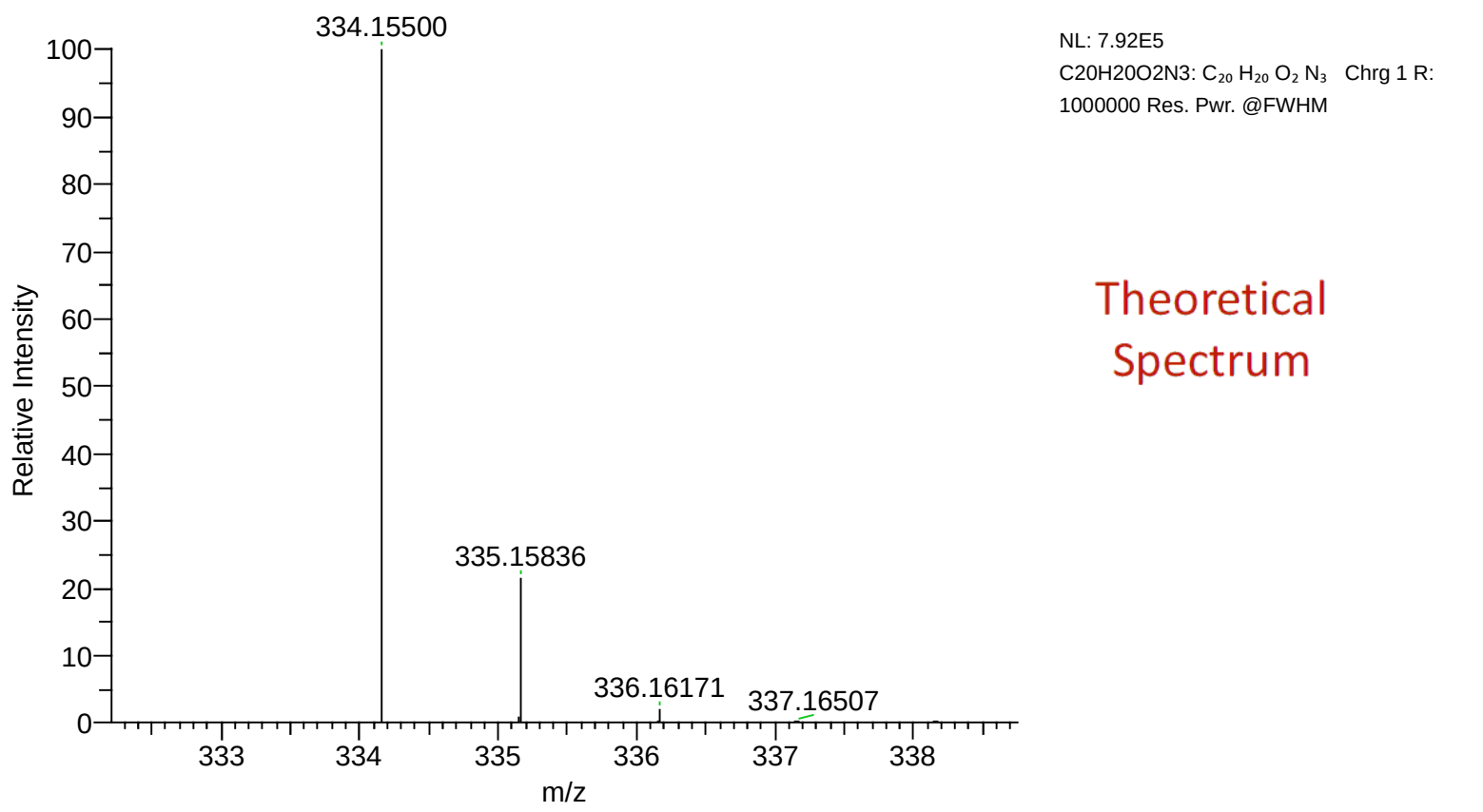
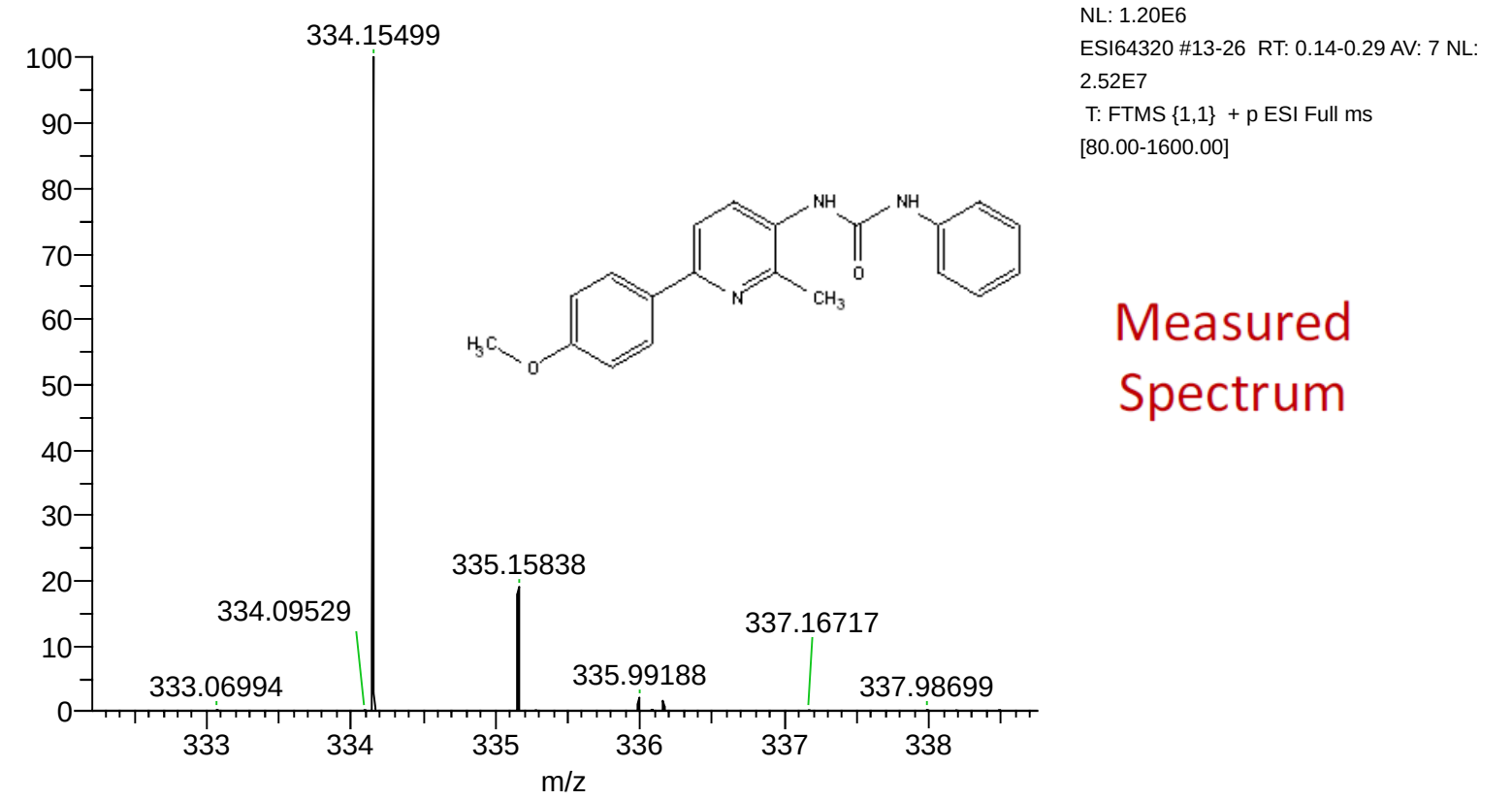


Apr11-2017-51-HA 8 -A.1.fid
Instrument AVF400
Chemist HADIA
Group MGM
Project Account Code DM7300
HA 8 -A
h1acq.crl CDCl3 {C:\NMR} mgmgrp 51



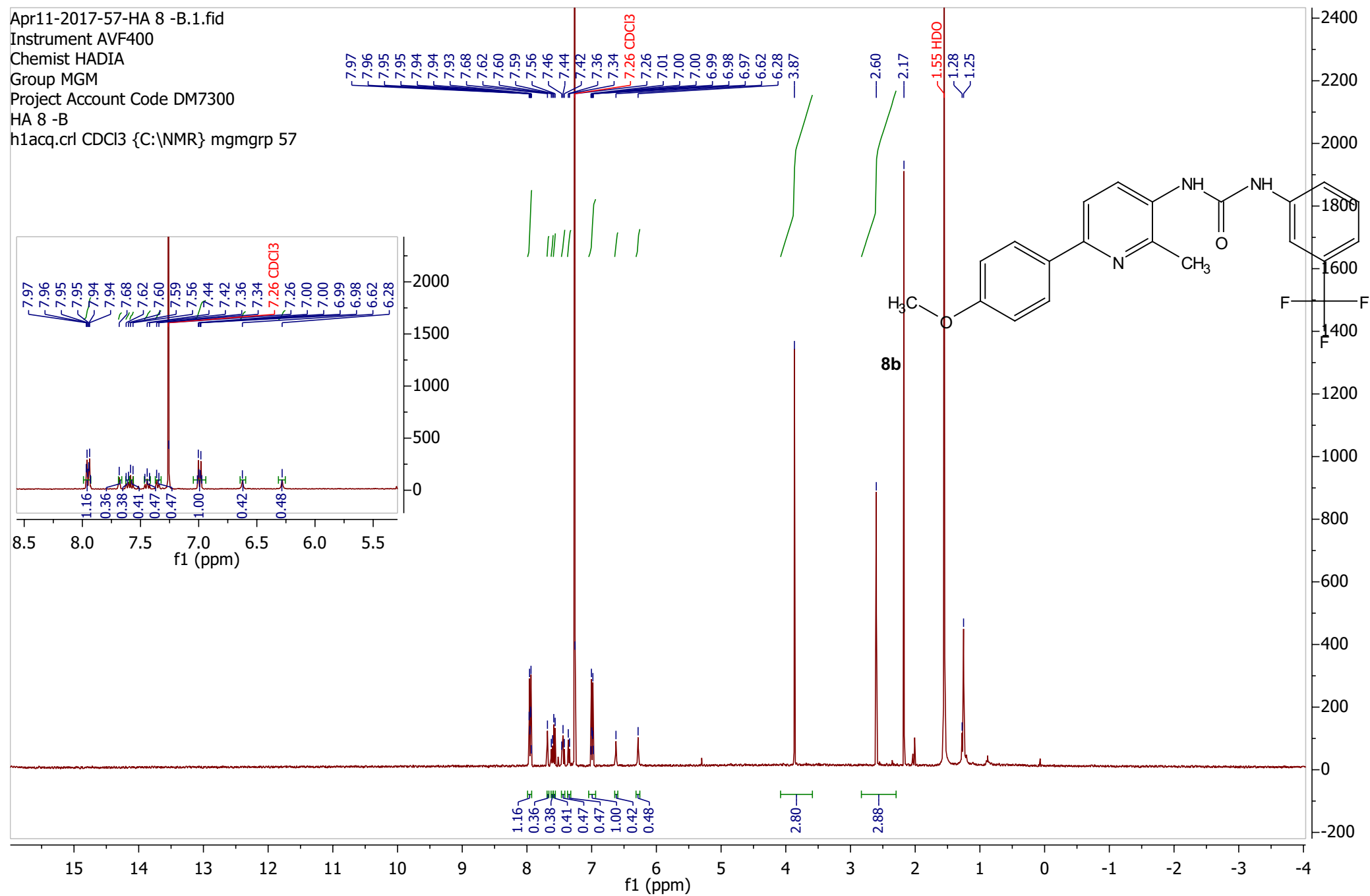
ha787803052.fid
Instrument SVC500
Group MGM
Project Account Code DM7300
7878 Hadia Almahli 3/5/17



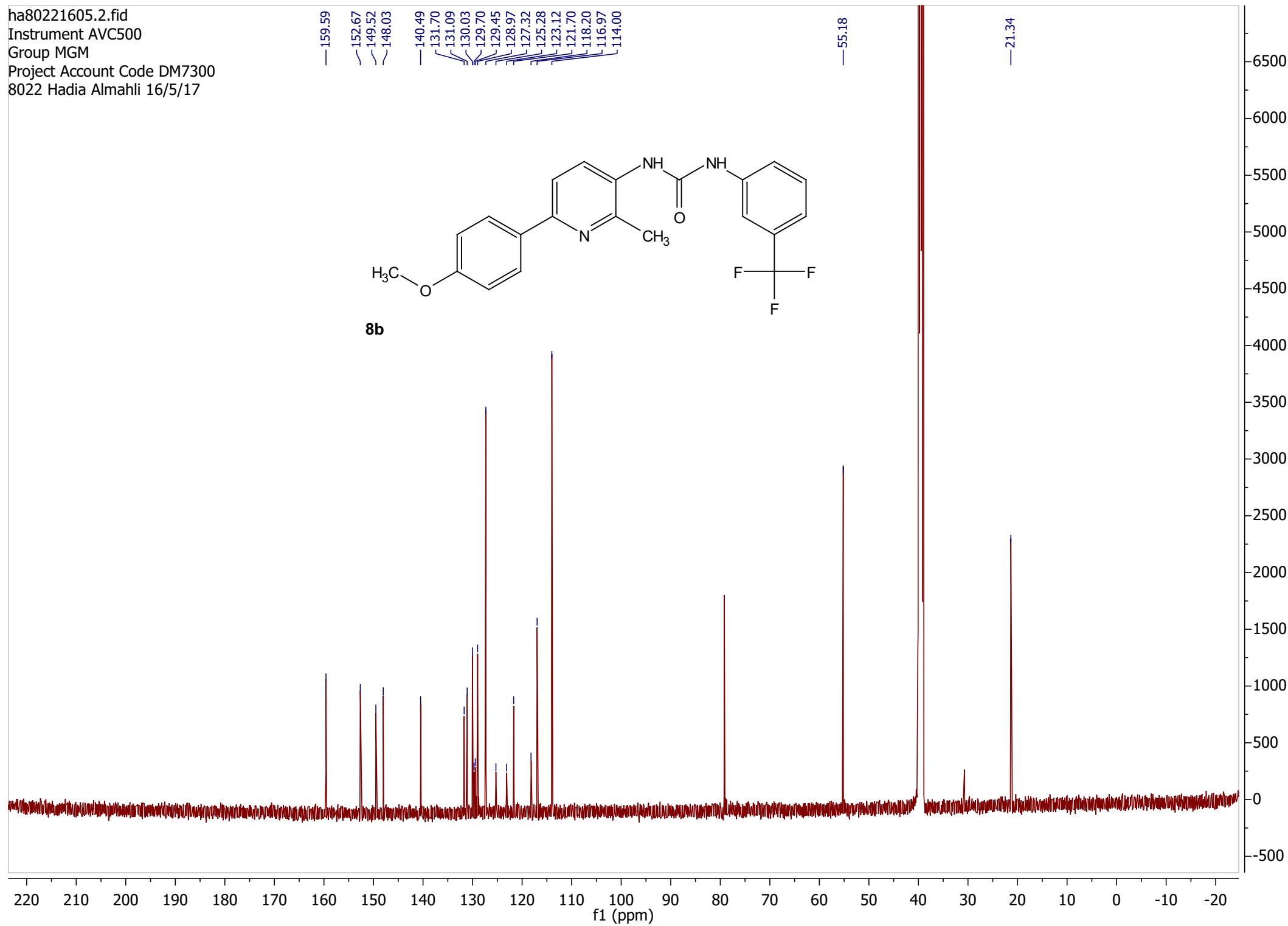


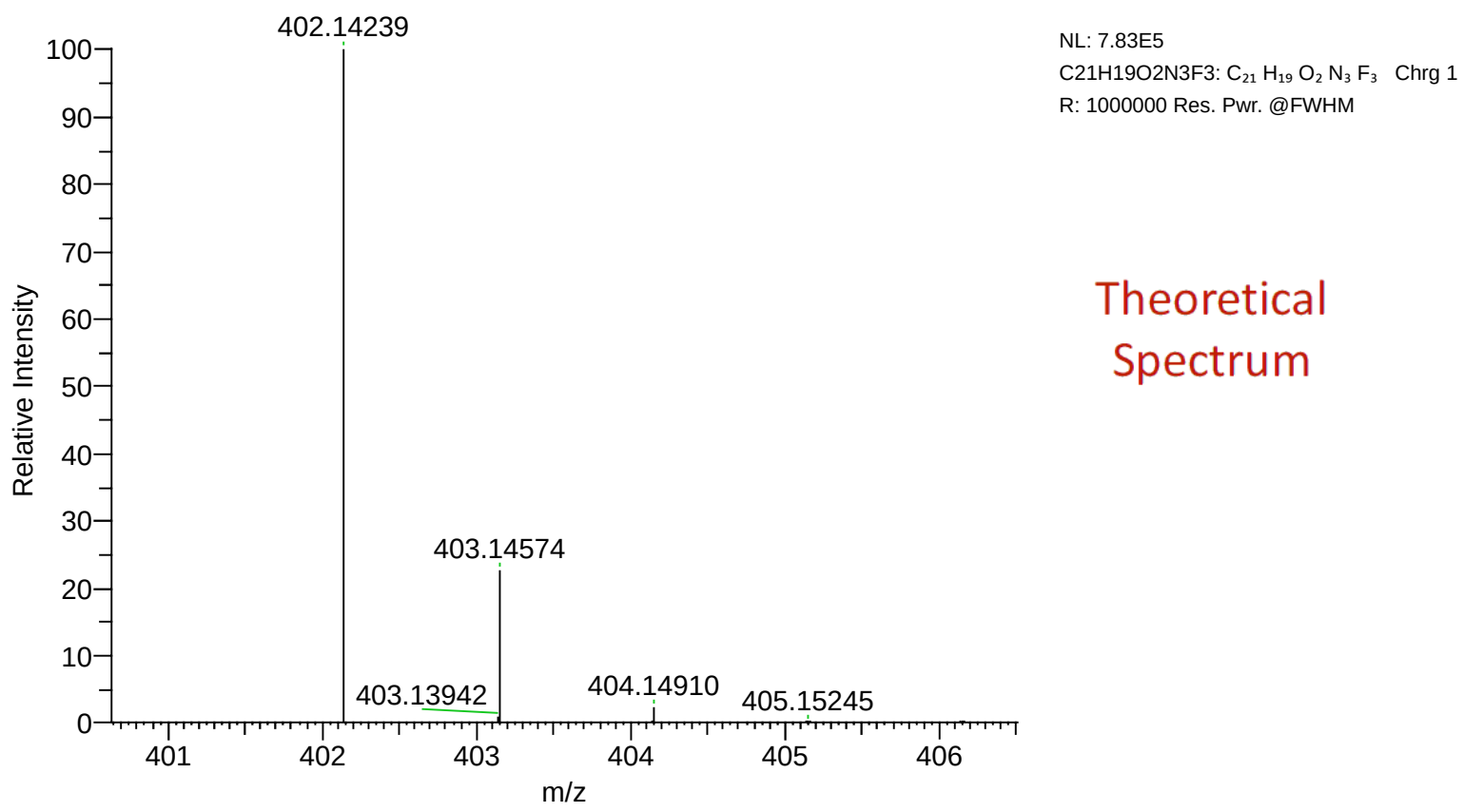
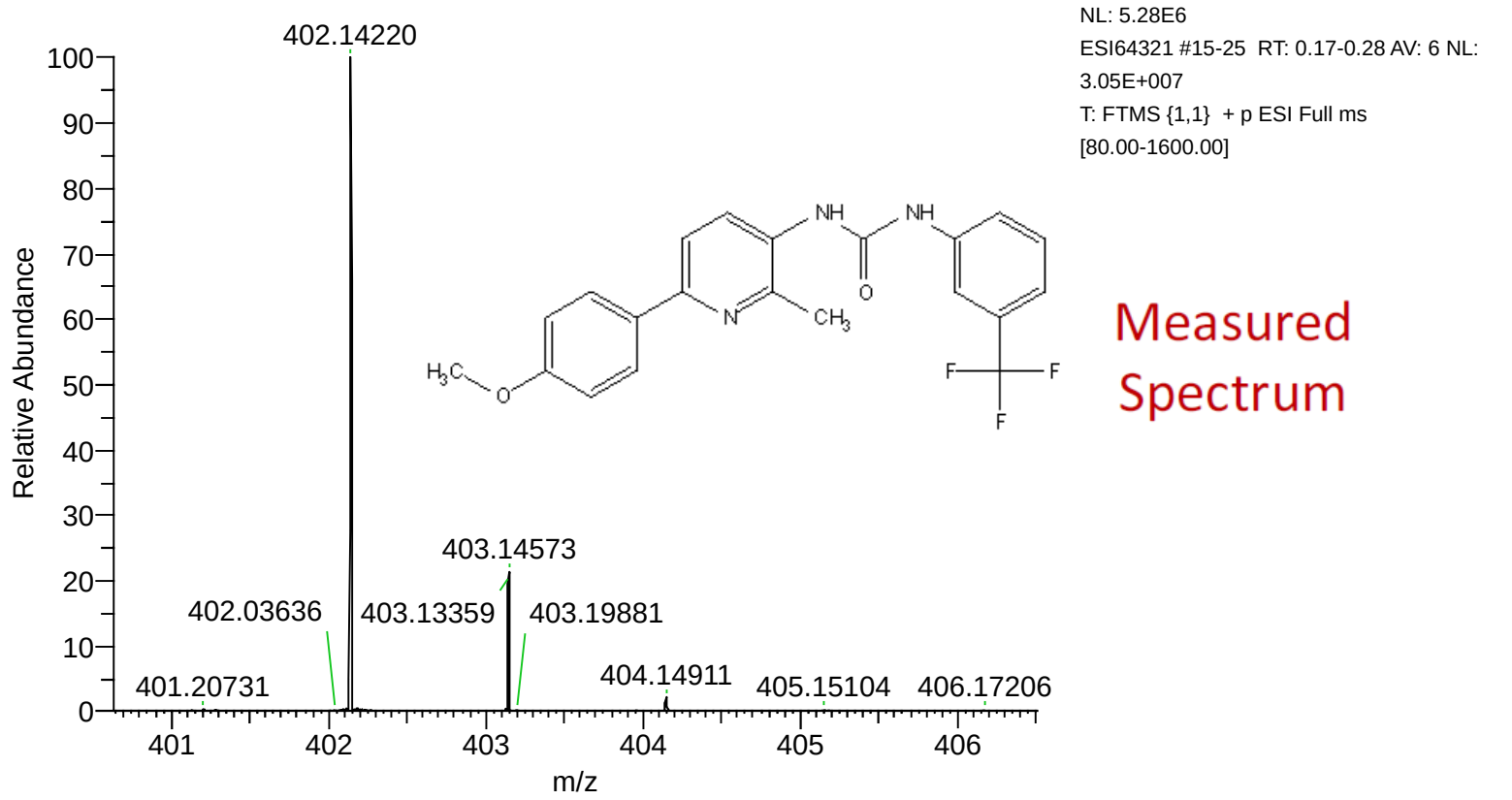
m/z	Formula	RDB	Delta ppm	Theo. Mass
334.15500	C ₂₀ H ₂₀ O ₂ N ₃	12.5	-0.01	334.15500

Apr11-2017-57-HA 8 -B.1.fid
 Instrument AVF400
 Chemist HADIA
 Group MGM
 Project Account Code DM7300
 HA 8 -B
 h1acq.crl CDCl3 {C:\NMR} mgmgrp 57



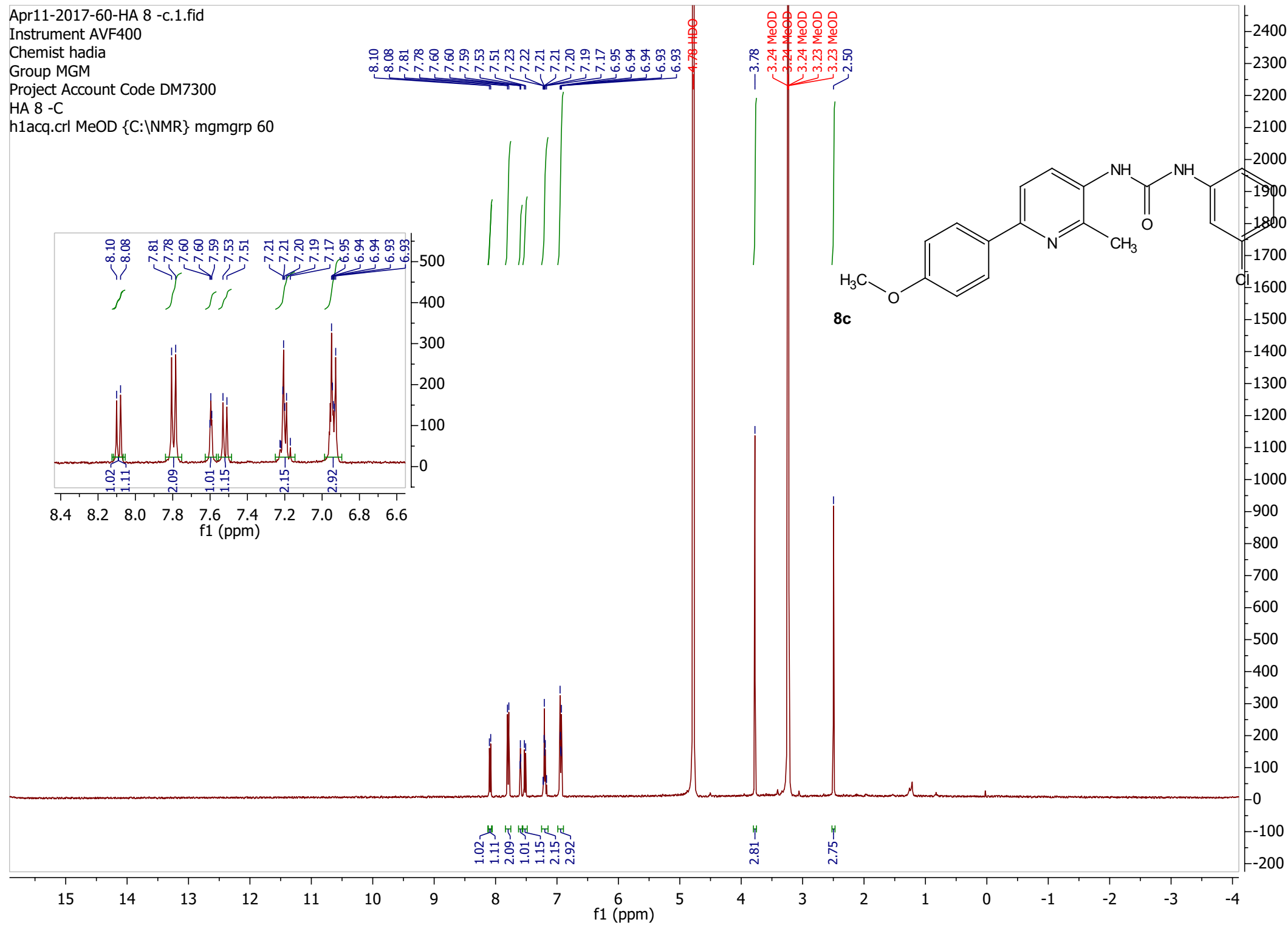
ha80221605.2.fid
Instrument AVC500
Group MGM
Project Account Code DM7300
8022 Hadia Almahli 16/5/17



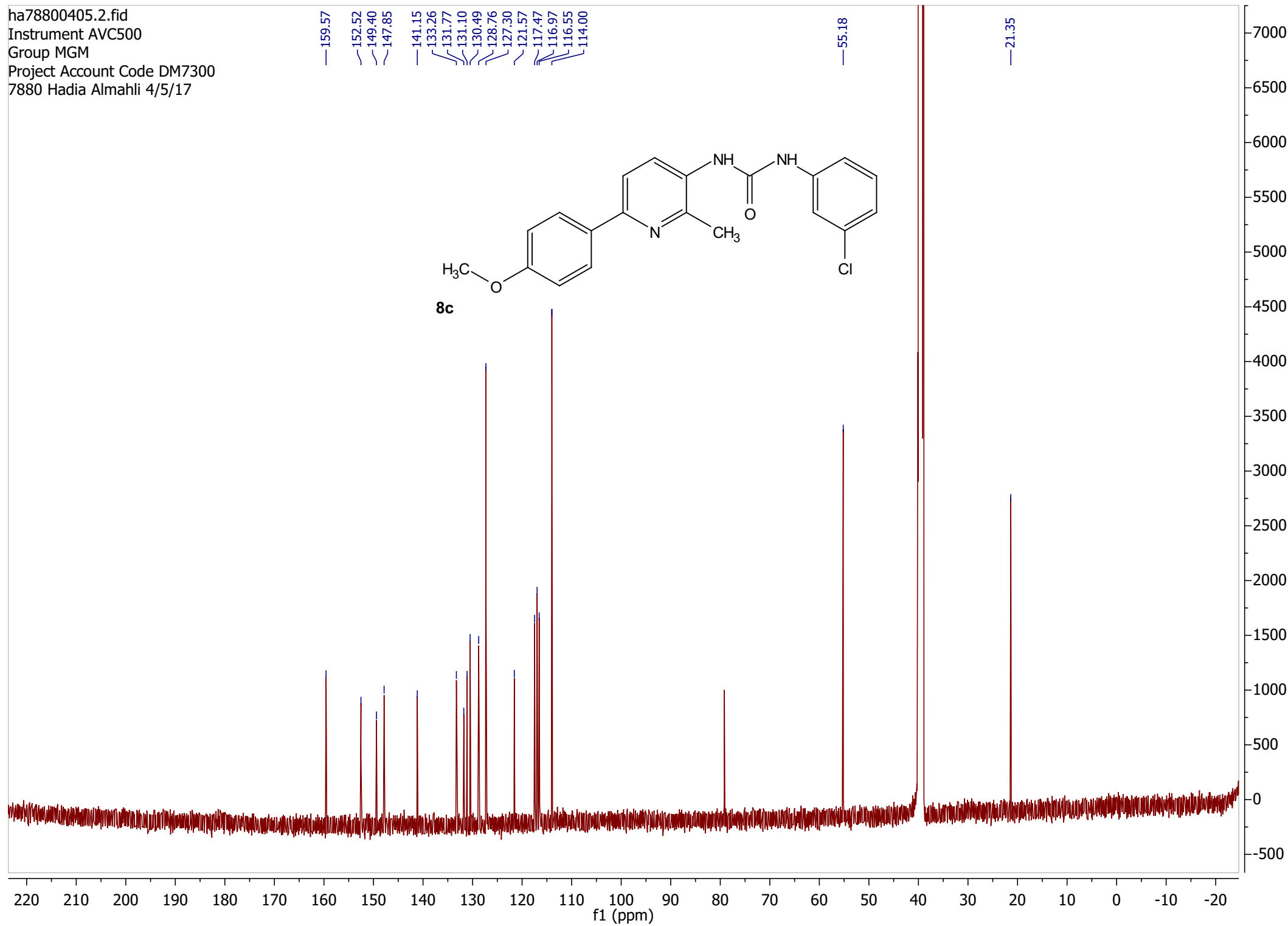


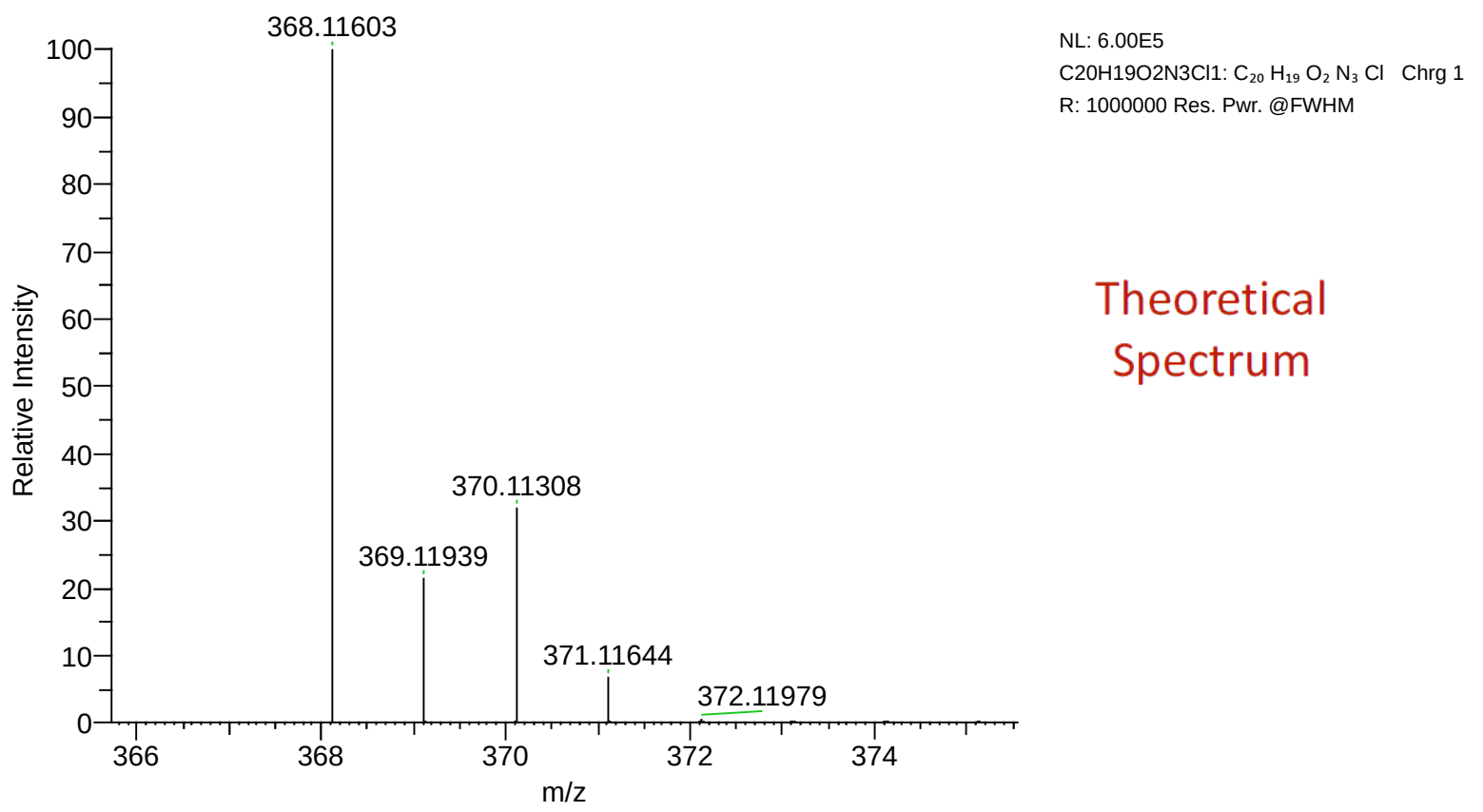
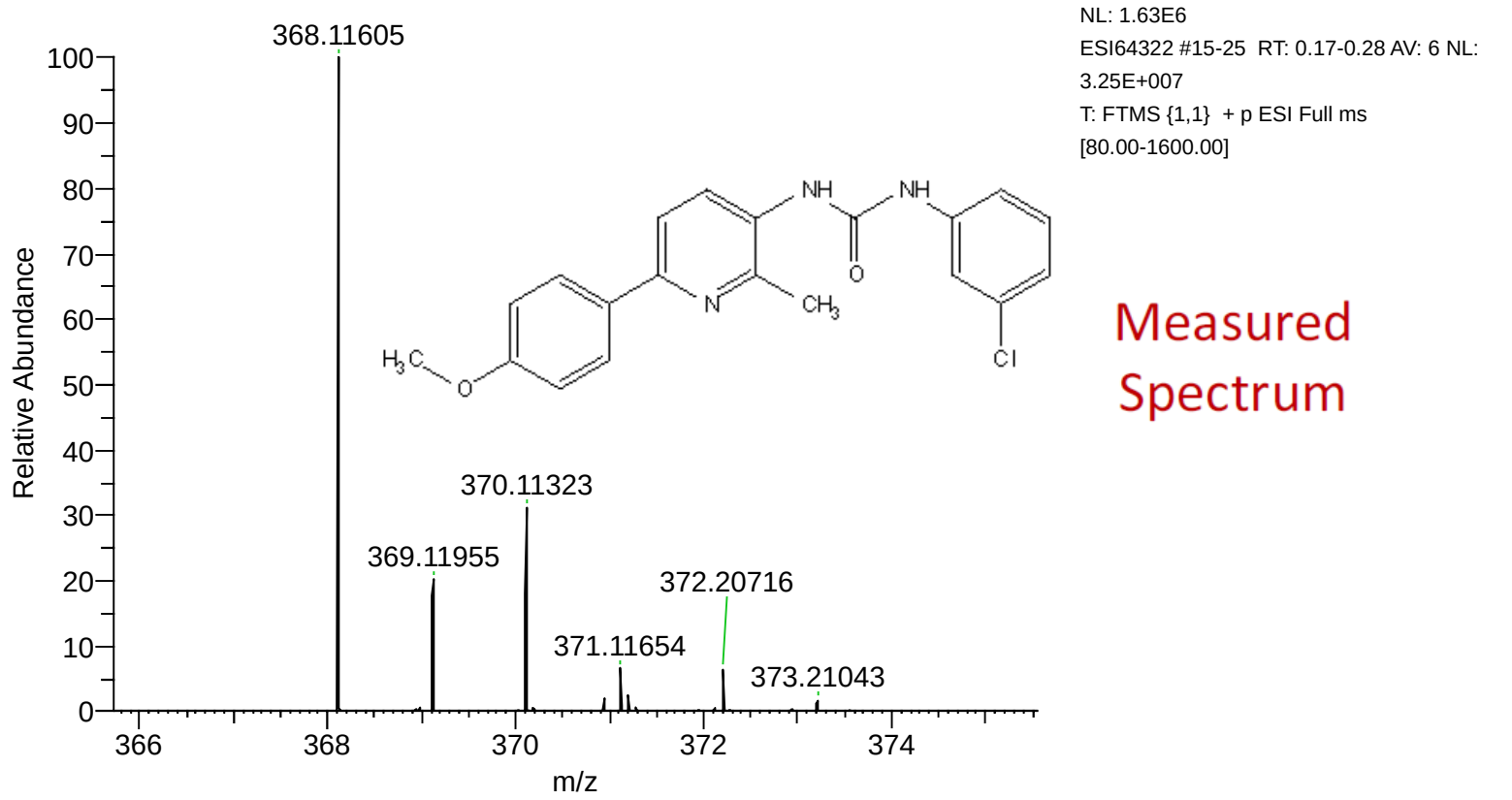
m/z	Formula	RDB	Delta ppm	Theo. Mass
402.14221	C ₂₁ H ₁₉ O ₂ N ₃ F ₃	12.5	-0.44	402.14239

Apr11-2017-60-HA 8 -c.1.fid
Instrument AVF400
Chemist hadia
Group MGM
Project Account Code DM7300
HA 8 -C
h1acq.crl MeOD {C:\NMR} mgmgrp 60



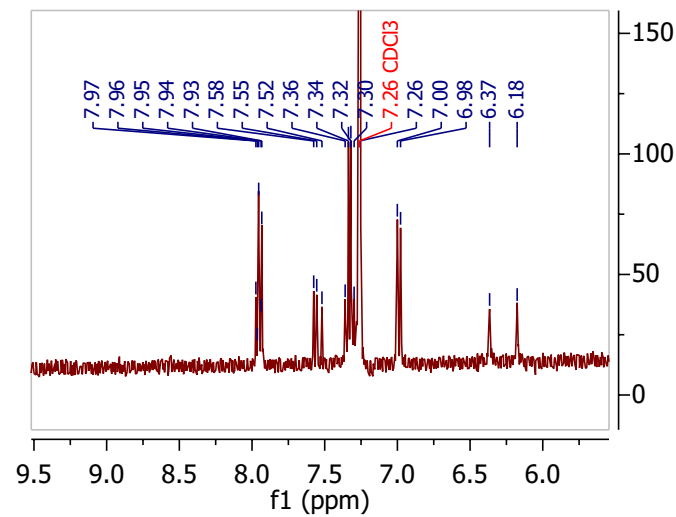
ha78800405.2.fid
Instrument AVC500
Group MGM
Project Account Code DM7300
7880 Hadia Almahli 4/5/17



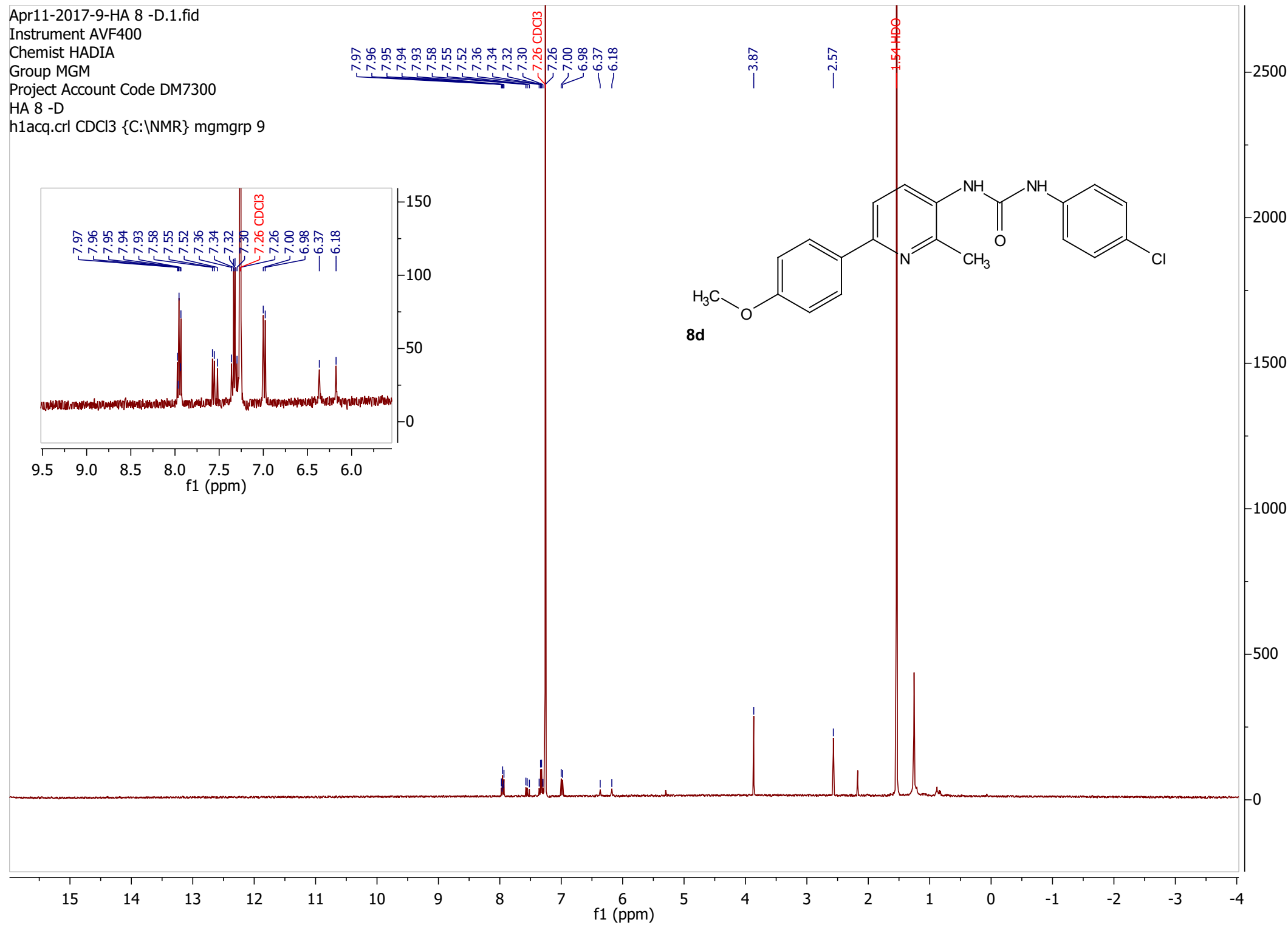
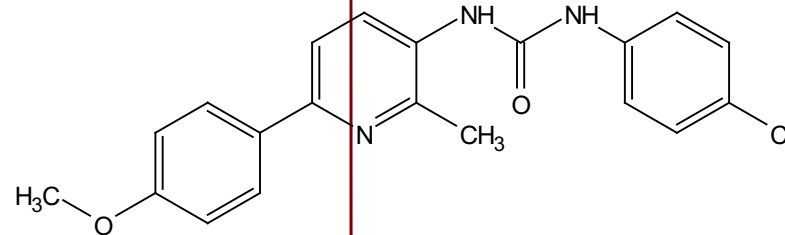


m/z	Formula	RDB	Delta ppm	Theo. Mass
368.11606	C ₂₀ H ₁₉ O ₂ N ₃ ³⁵ Cl	12.5	0.07	368.11603

Apr11-2017-9-HA 8 -D.1.fid
Instrument AVF400
Chemist HADIA
Group MGM
Project Account Code DM7300
HA 8 -D
h1acq.crl CDCl3 {C:\NMR} mgmgrp 9



8d

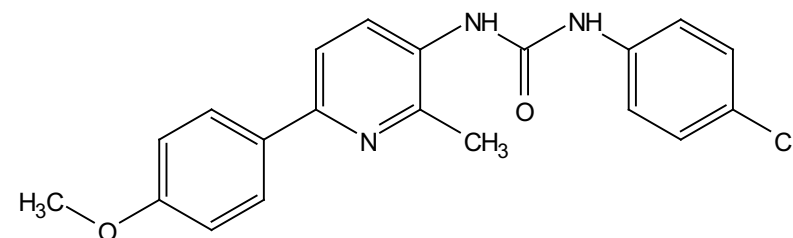


ha78760305.2.fid
Instrument AVC500
Group MGM
Project Account Code DM7300
7876 Hadia Almahli 3/5/17

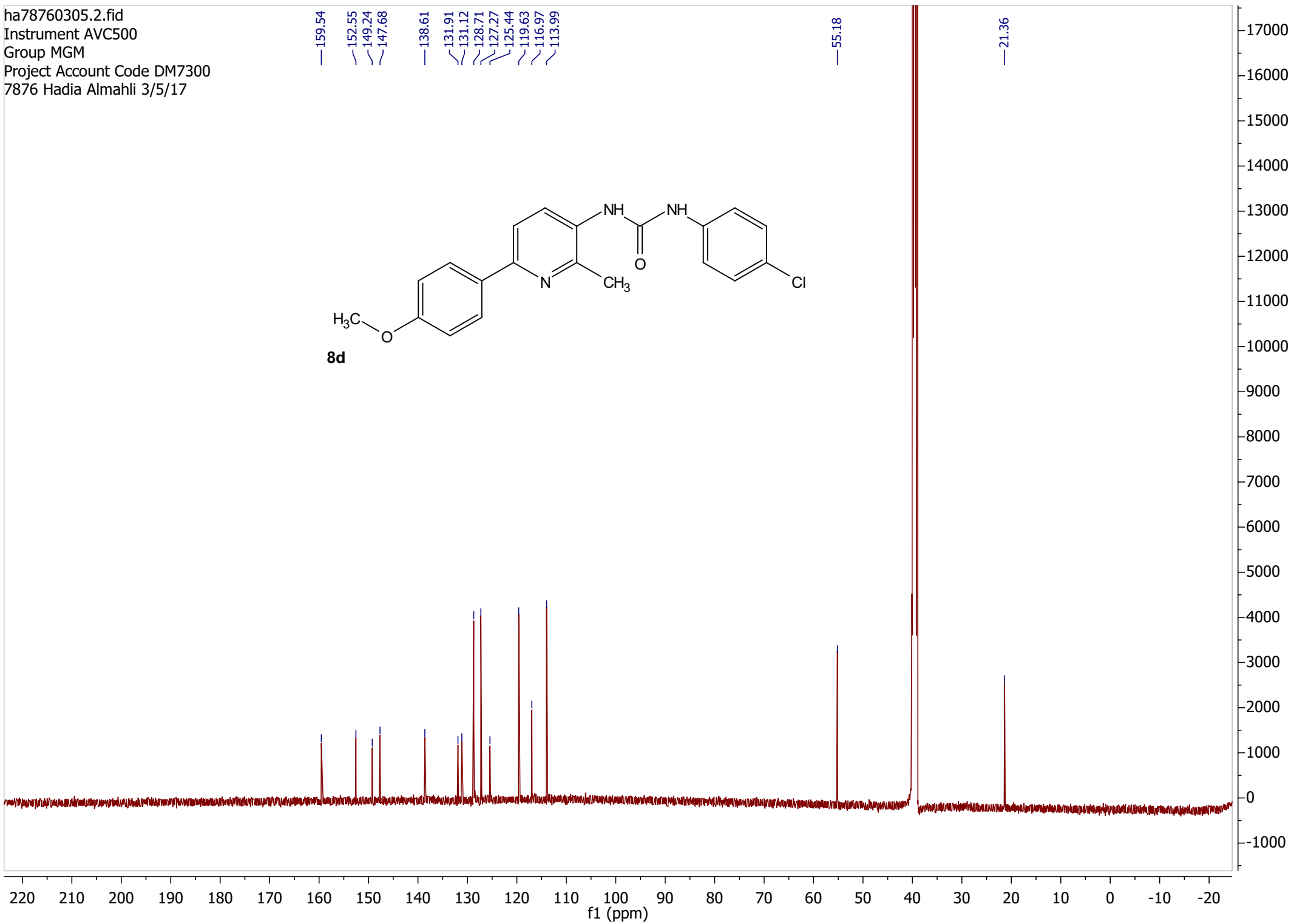
159.54
152.55
149.24
147.68
138.61
131.91
131.12
128.71
127.27
125.44
119.63
116.97
113.99

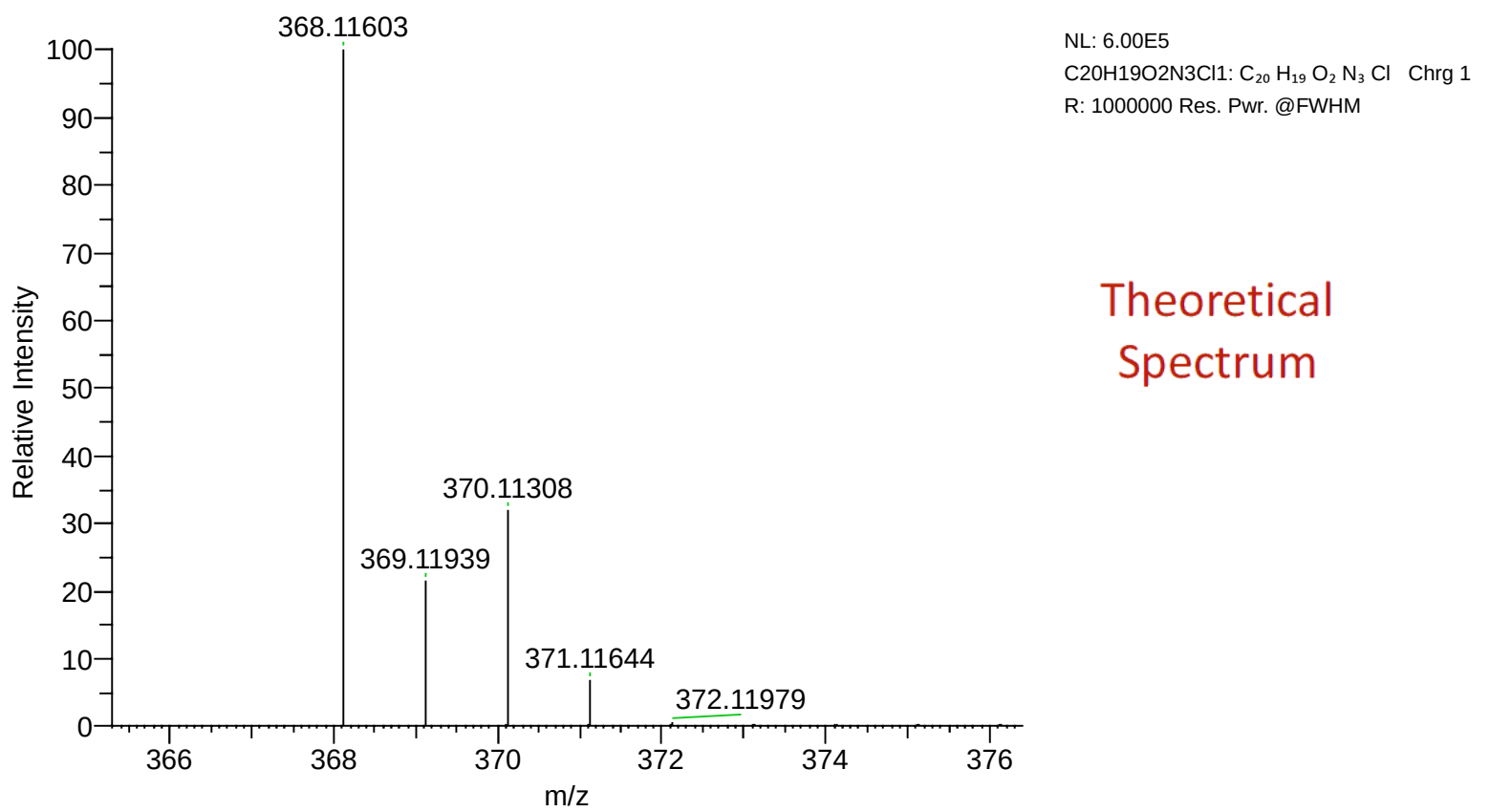
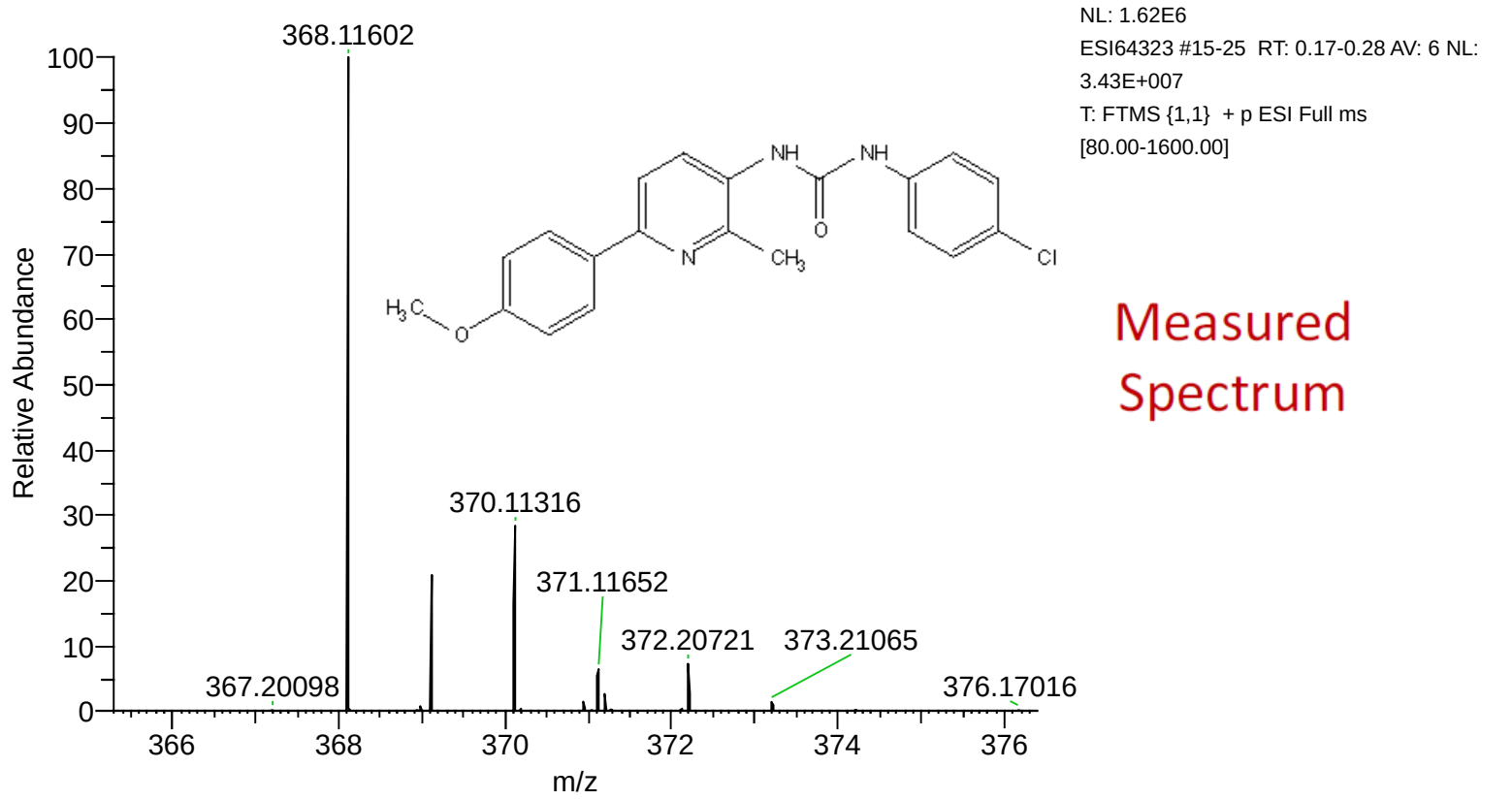
55.18

21.36



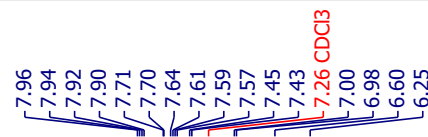
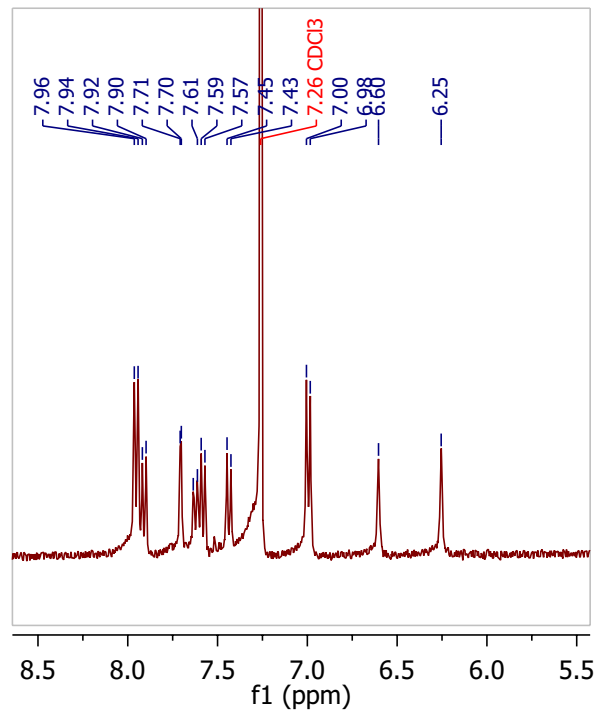
8d



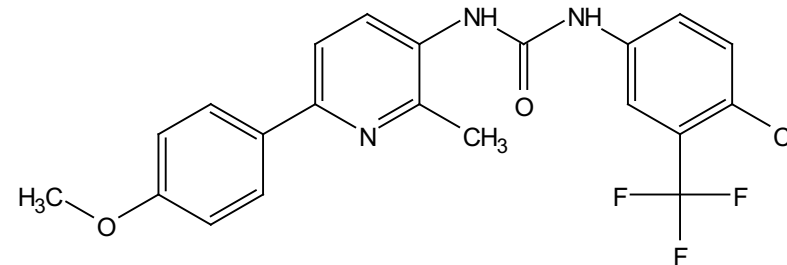


m/z	Formula	RDB	Delta ppm	Theo. Mass
368.11603	C ₂₀ H ₁₉ O ₂ N ₃ ³⁵ Cl	12.5	-0.01	368.11603

Apr12-2017-7-HA 8-E.1.fid
Instrument AVF400
Chemist HADIA
Group MGM
Project Account Code DM7300
HA 8-E
h1acq.crl CDCl3 {C:\NMR} mgmgrp 7



8e



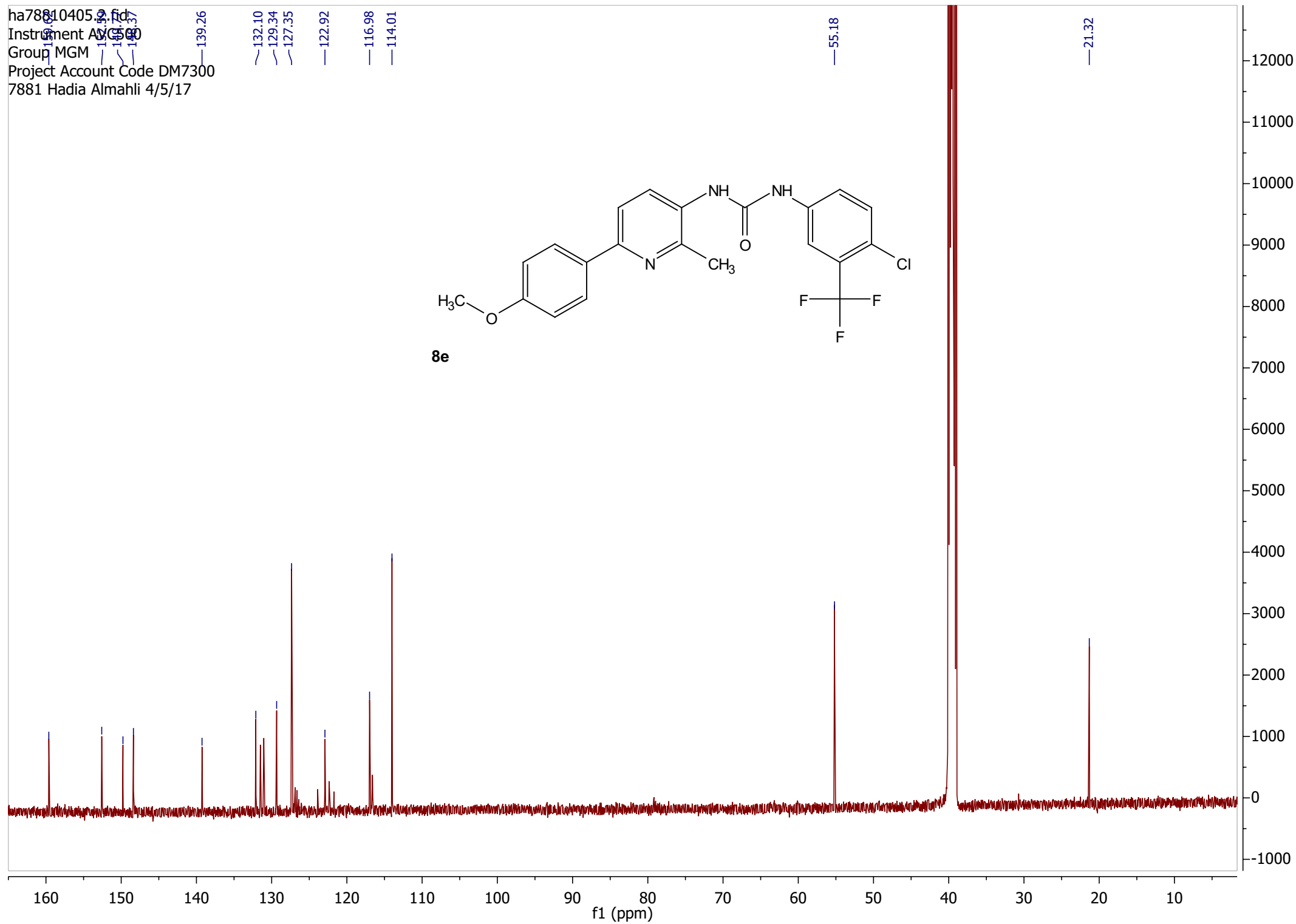
3.87

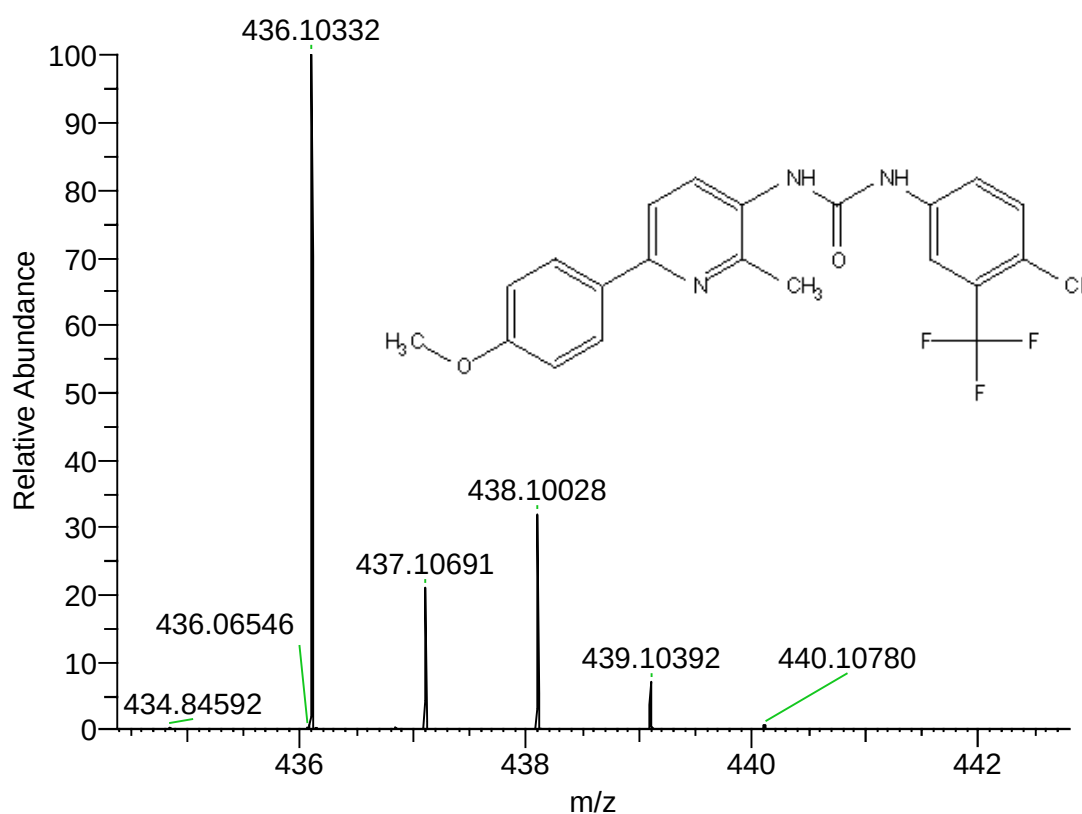
2.61

1.55 H2O

f1 (ppm)

ha78810405_2.fid
Instrument AYC500
Group MGM
Project Account Code DM7300
7881 Hadia Almahli 4/5/17





NL: 1.79E6

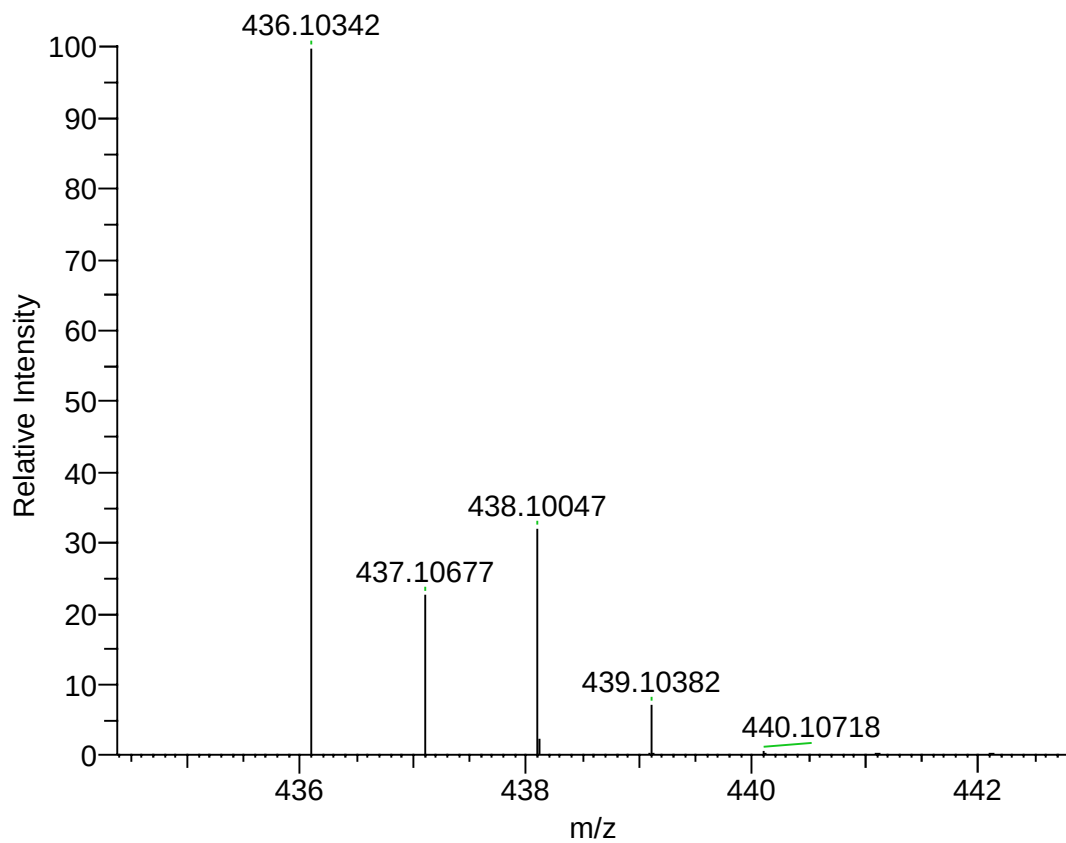
ESI64324 #15-25 RT: 0.17-0.28 AV: 6 NL:

3.14E+007

T: FTMS {1,1} + p ESI Full ms

[80.00-1600.00]

Measured
Spectrum



NL: 5.94E5

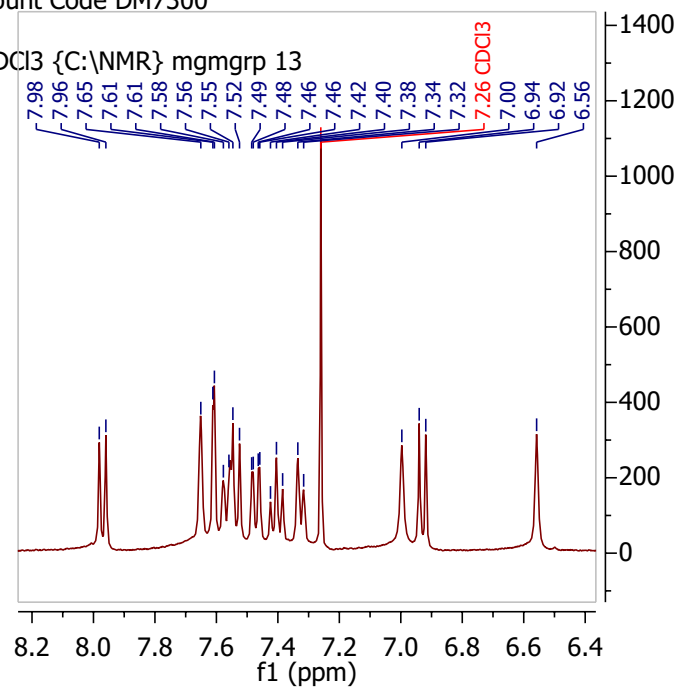
C₂₁H₁₈O₂N₃ClF₃: C₂₁ H₁₈ O₂ N₃ Cl F₃

Chrg 1 R: 1000000 Res. Pwr. @FWHM

Theoretical
Spectrum

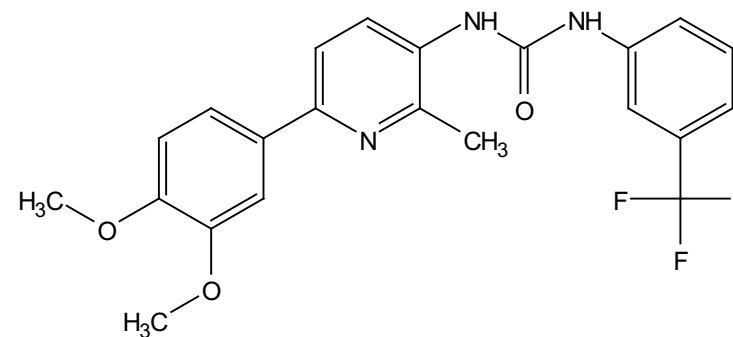
m/z	Formula	RDB	Delta ppm	Theo. Mass
436.10330	C ₂₁ H ₁₈ O ₂ N ₃ ³⁵ ClF ₃	12.5	-0.26	436.10342

Apr12-2017-13-HA 8-I.1.fid
Instrument AVF400
Chemist HADIA
Group MGM
Project Account Code DM7300
HA 8-I
h1acq.crl CDCl3 {C:\NMR} mgmgrp 13



7.98
7.96
7.65
7.61
7.61
7.58
7.56
7.55
7.52
7.49
7.48
7.46
7.46
7.42
7.40
7.38
7.34
7.32
7.26 CDCl3
7.00
6.94
6.92
6.56

8i



3.98
3.93
2.55
1.61 H2O

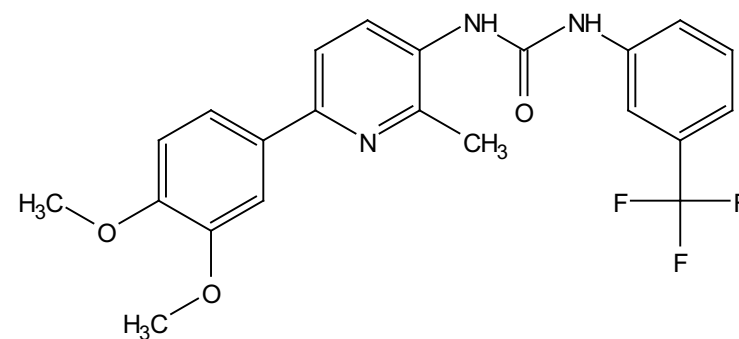
f1 (ppm)

ha80201605.2.fid
Instrument AVC500
Group MGM
Project Account Code DM7300
8020 Hadia Almahli 16/5/17

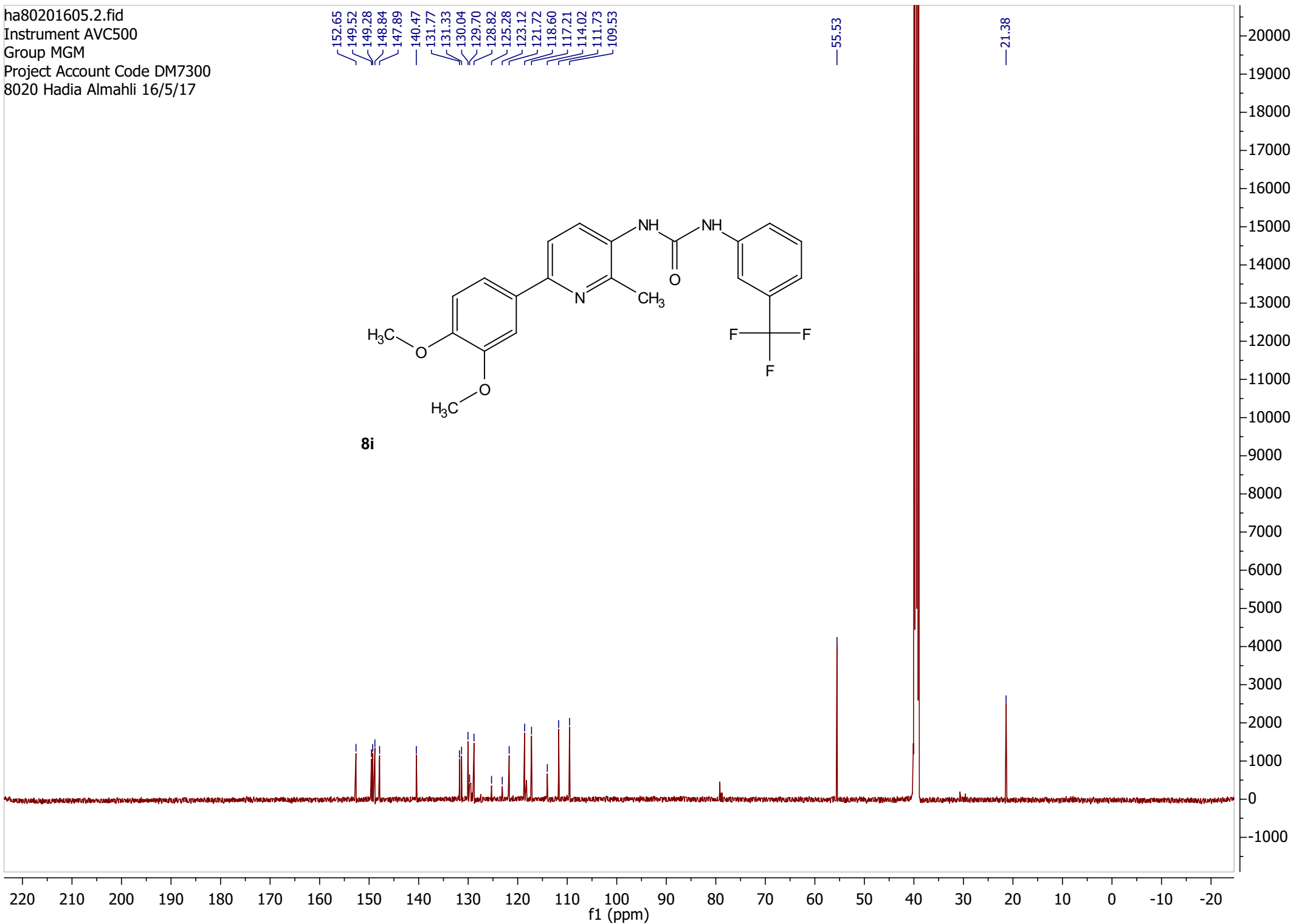
152.65
149.52
149.28
148.84
147.89
140.47
131.77
131.33
130.04
129.70
128.82
125.28
123.12
121.72
118.60
117.21
114.02
111.73
109.53

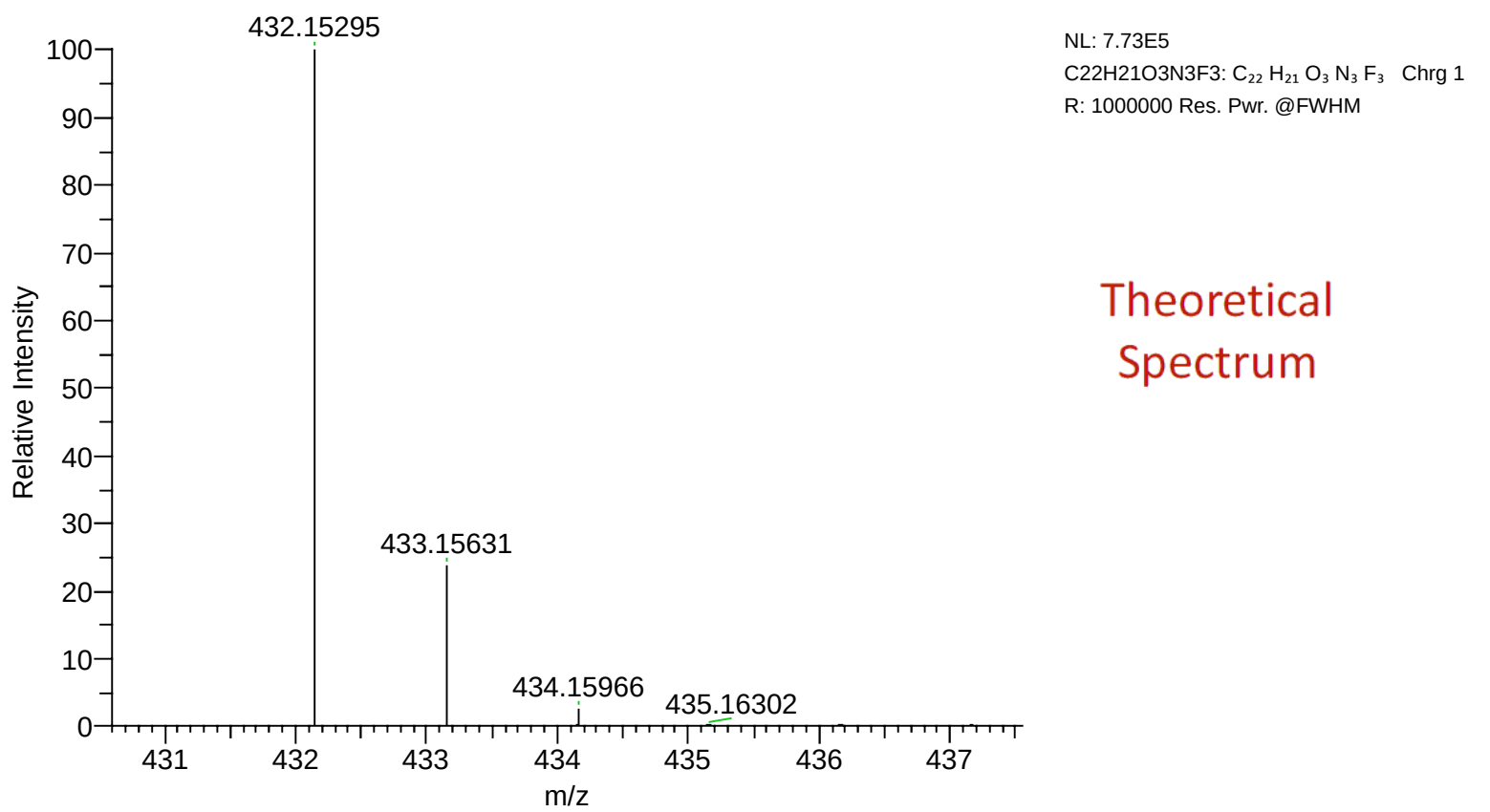
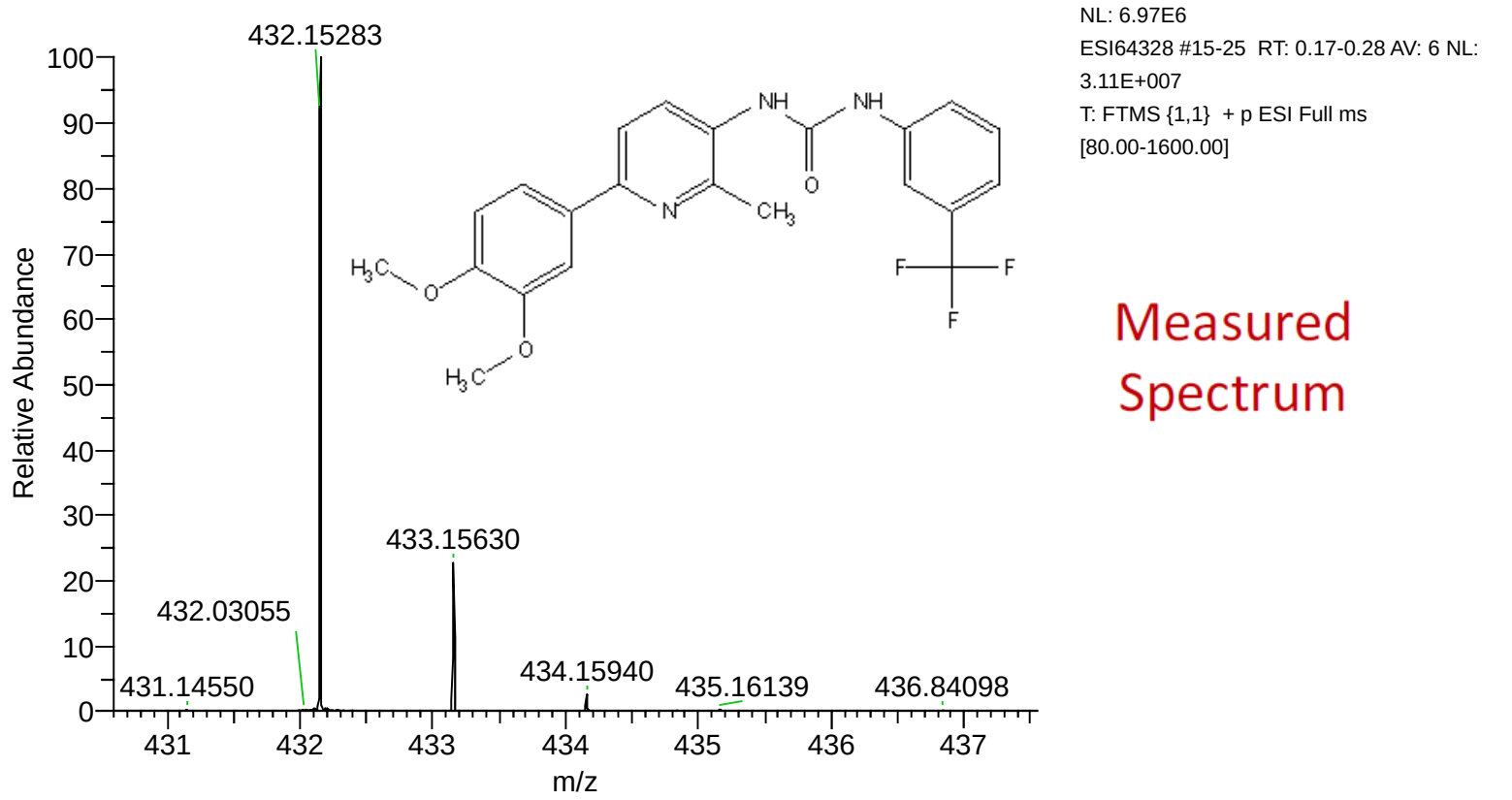
55.53

21.38



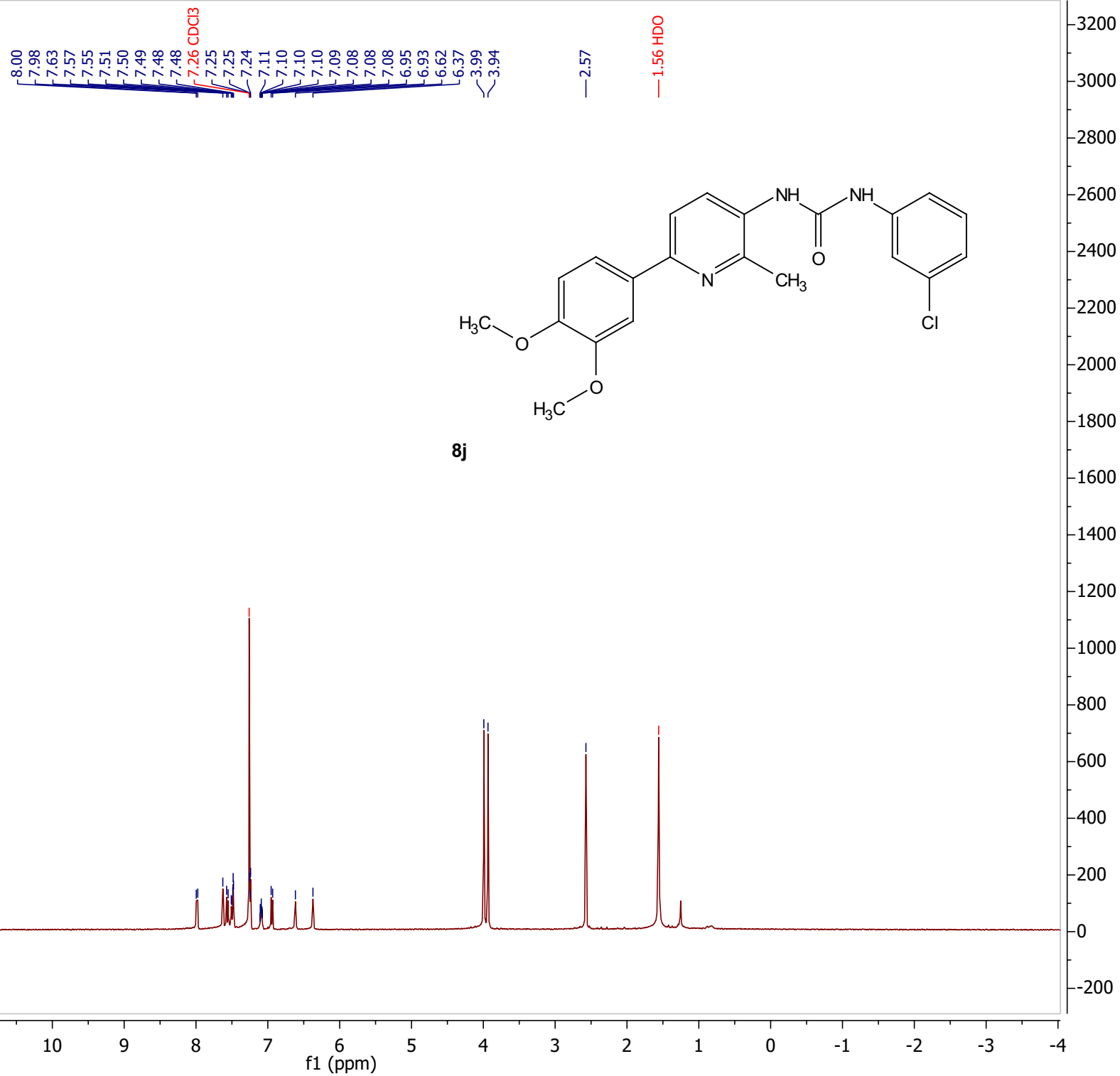
8i



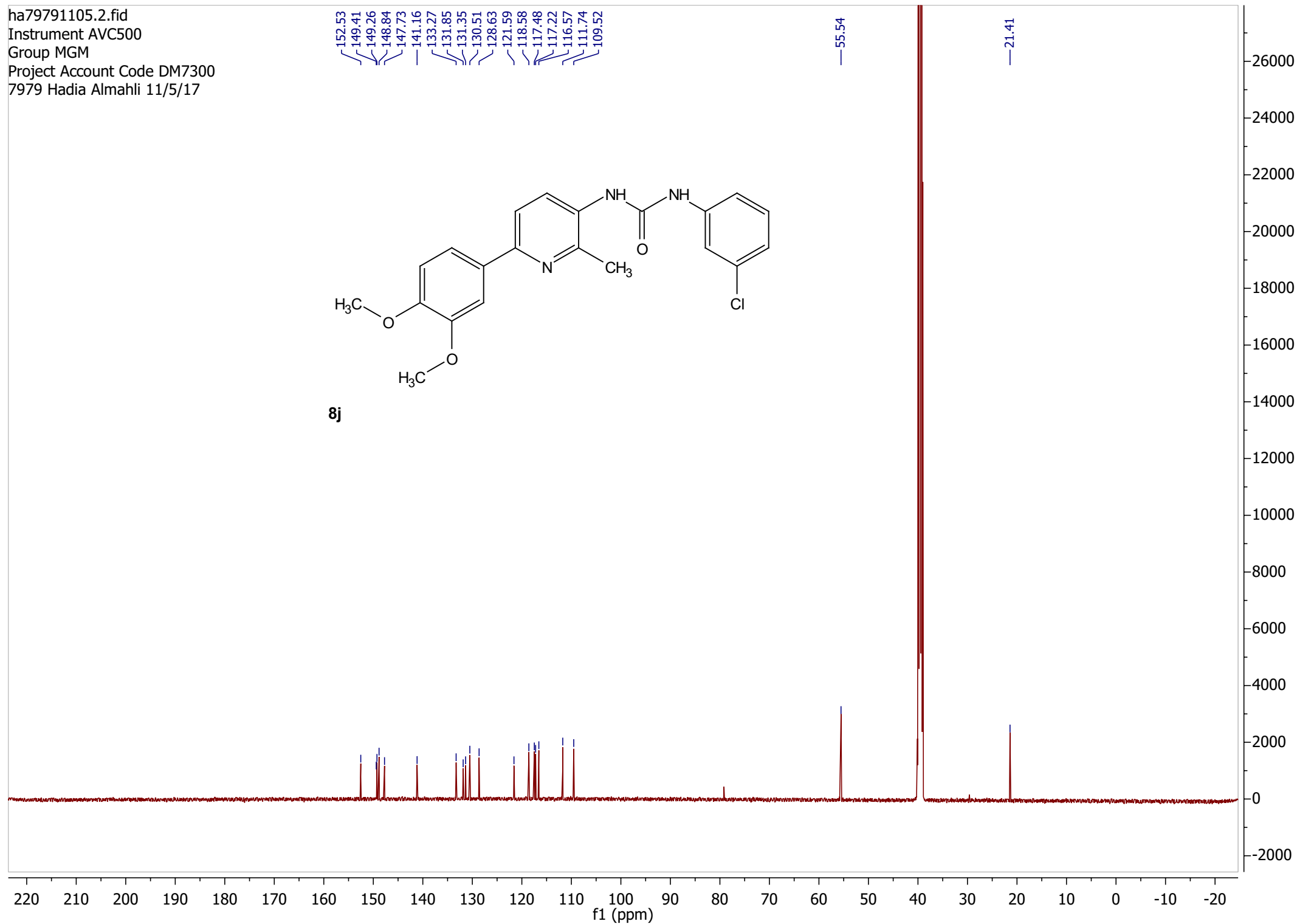


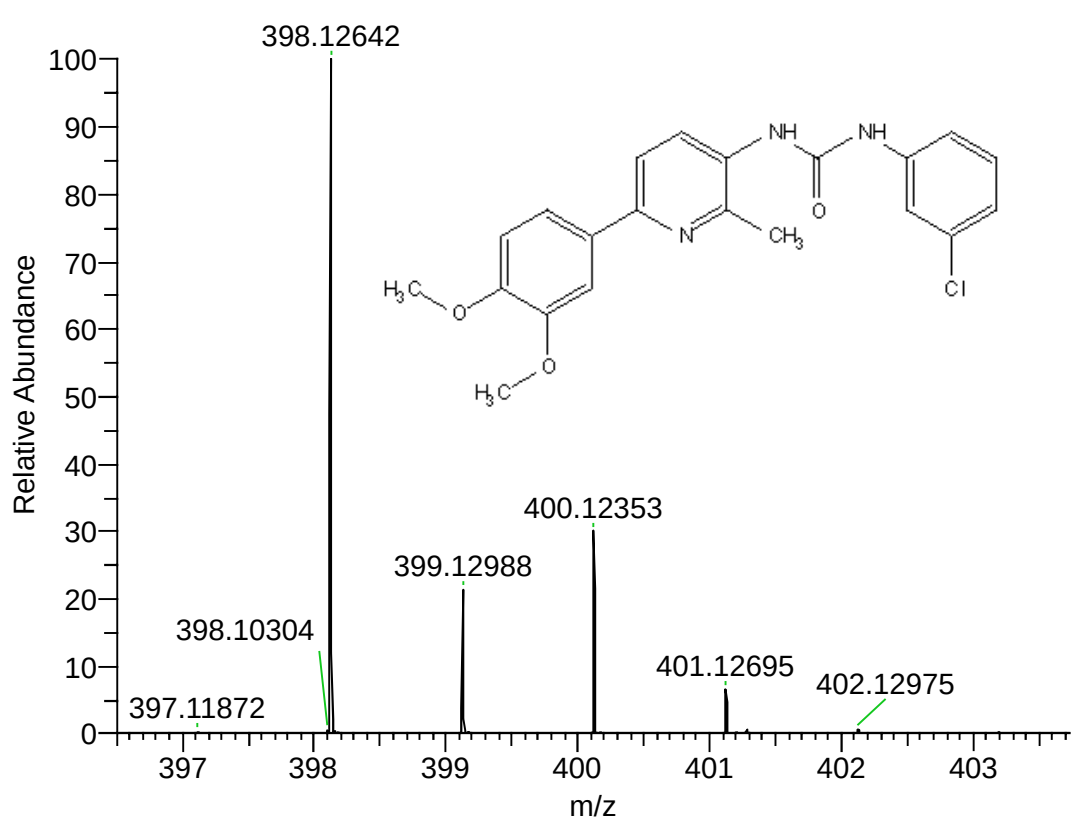
m/z	Formula	RDB	Delta ppm	Theo. Mass
432.15283	C ₂₂ H ₂₁ O ₃ N ₃ F ₃	12.5	-0.28	432.15295

Apr12-2017-14-HA 8-J.1.fid
Instrument AVF400
Chemist HADIA
Group MGM
Project Account Code DM7300
HA 8-J
h1acq.crl CDCl3 {C:\NMR} mgmgrp 14



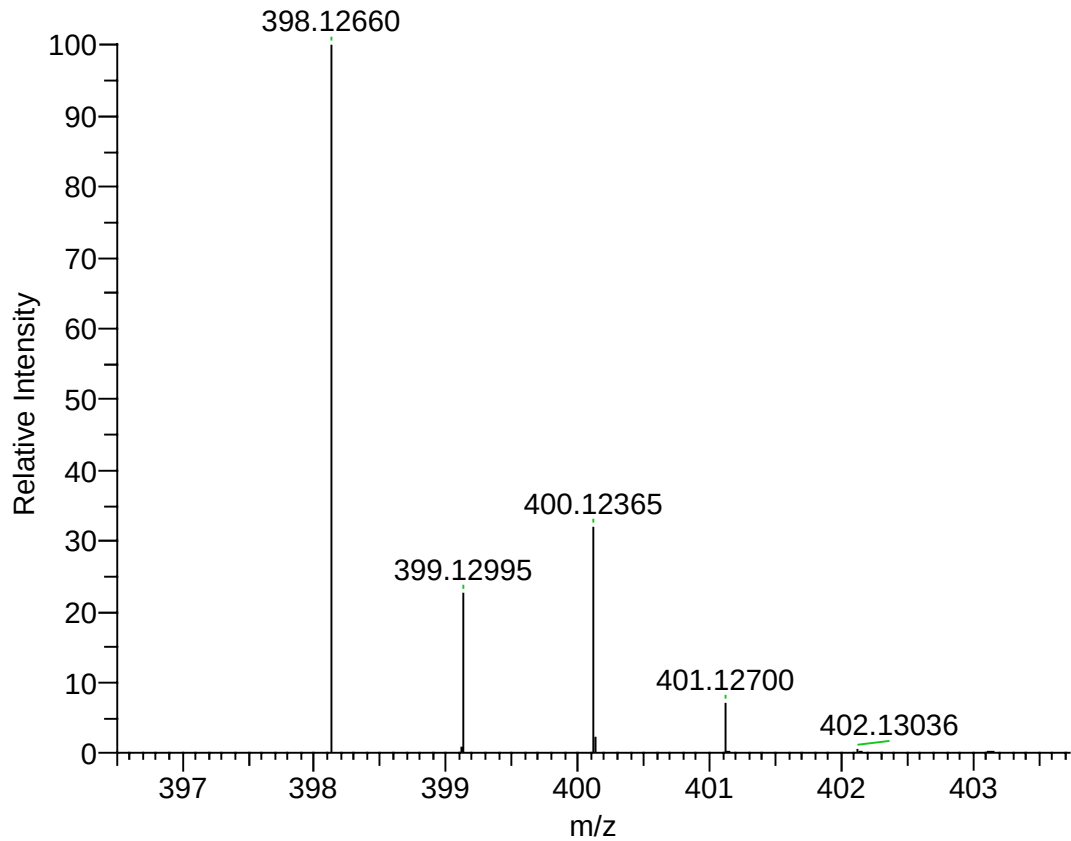
ha79791105.2.fid
Instrument AVC500
Group MGM
Project Account Code DM7300
7979 Hadia Almahli 11/5/17





NL: 2.12E6
ESI64329 #15-25 RT: 0.17-0.28 AV: 6 NL:
2.93E+007
T: FTMS {1,1} + p ESI Full ms
[80.00-1600.00]

Measured
Spectrum

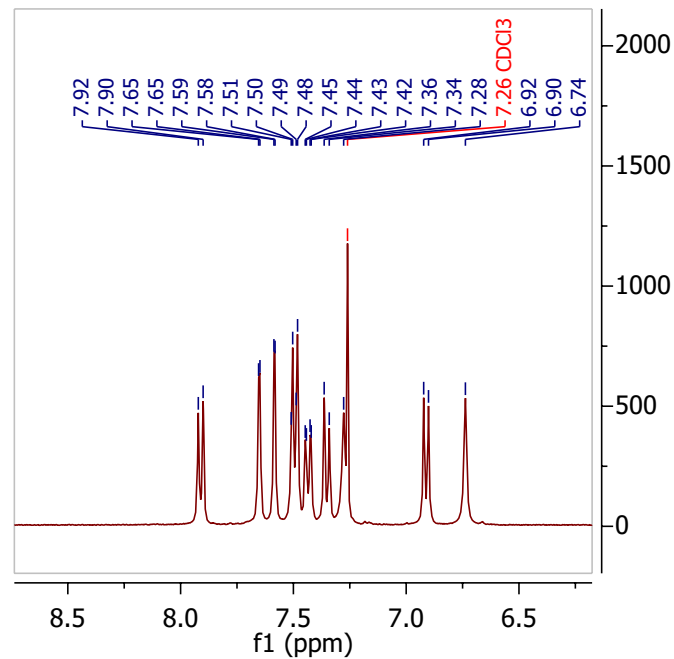


NL: 5.92E5
C21H21O3N3Cl1: C₂₁ H₂₁ O₃ N₃ Cl Chrg 1
R: 1000000 Res. Pwr. @FWHM

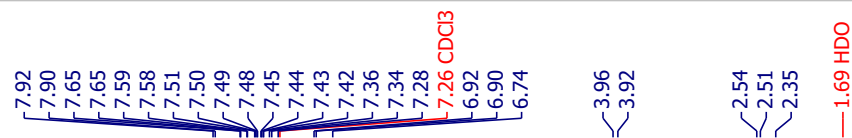
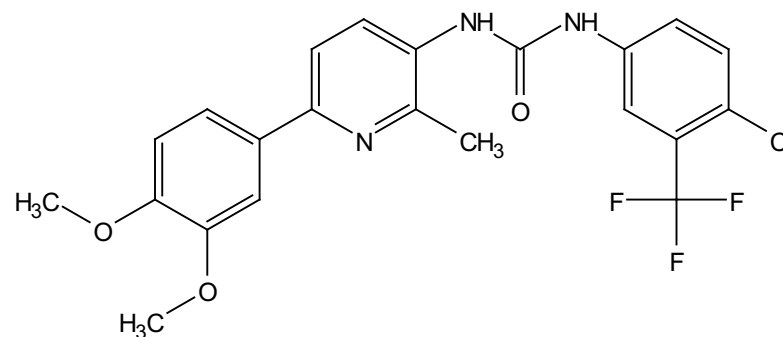
Theoretical
Spectrum

m/z	Formula	RDB	Delta ppm	Theo. Mass
398.12643	C ₂₁ H ₂₁ O ₃ N ₃ ³⁵ Cl	12.5	-0.41	398.12660

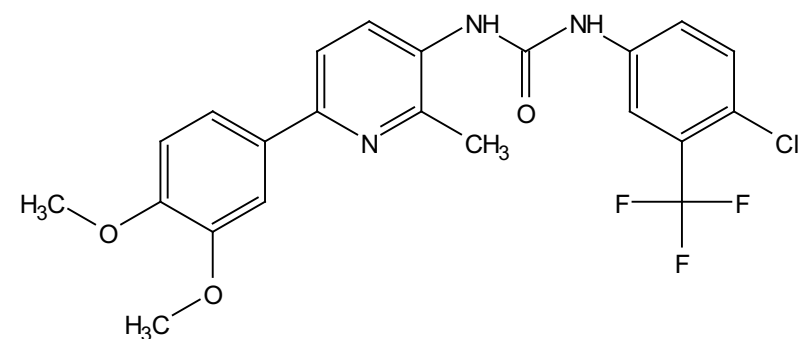
Apr13-2017-31-HA 8-L.1.fid
Instrument AVF400
Chemist HADIA
Group MGM
Project Account Code DM7300
HA 8-L
h1acq.crl CDCl3 {C:\NMR} mgmgrp 31



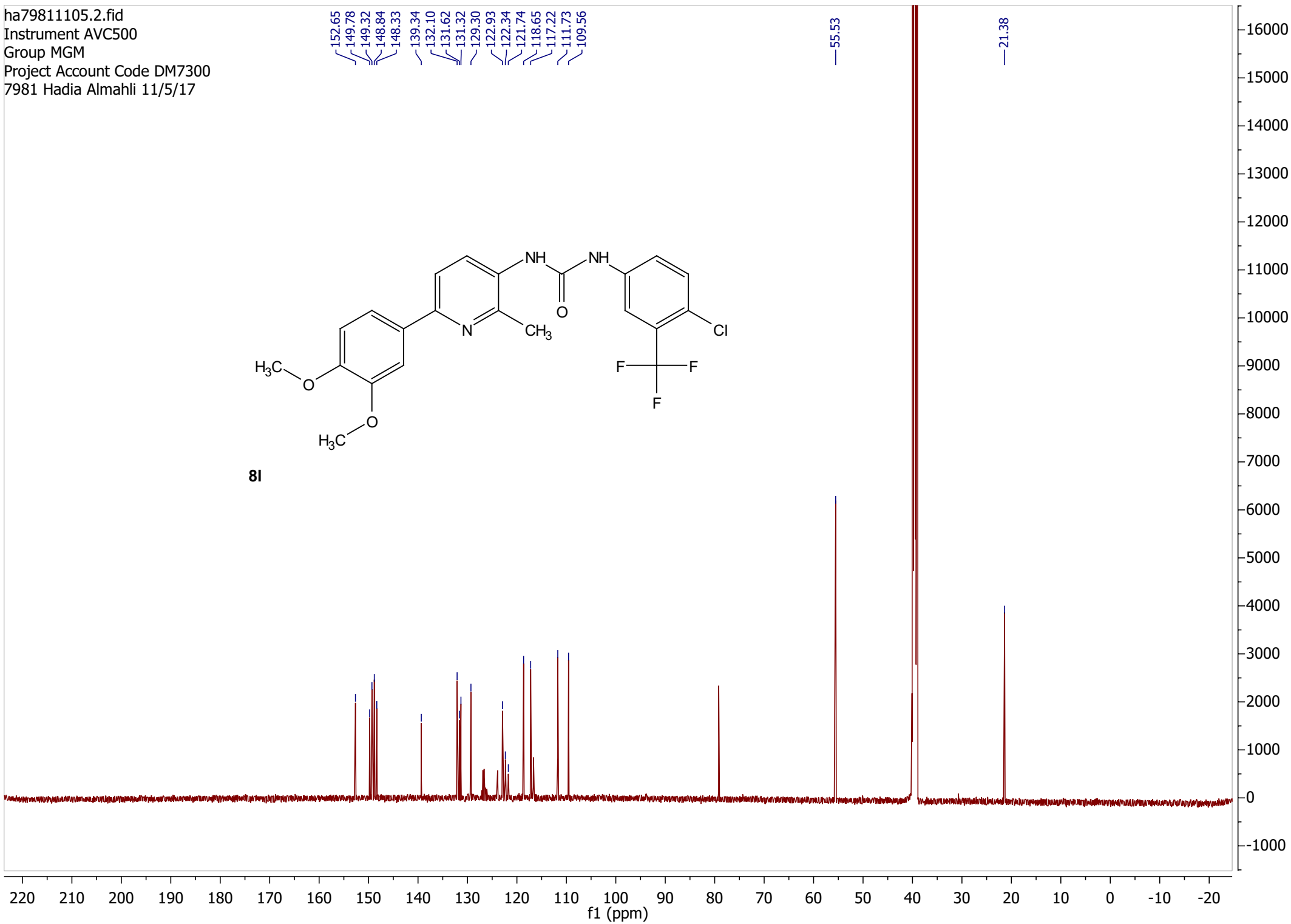
8I

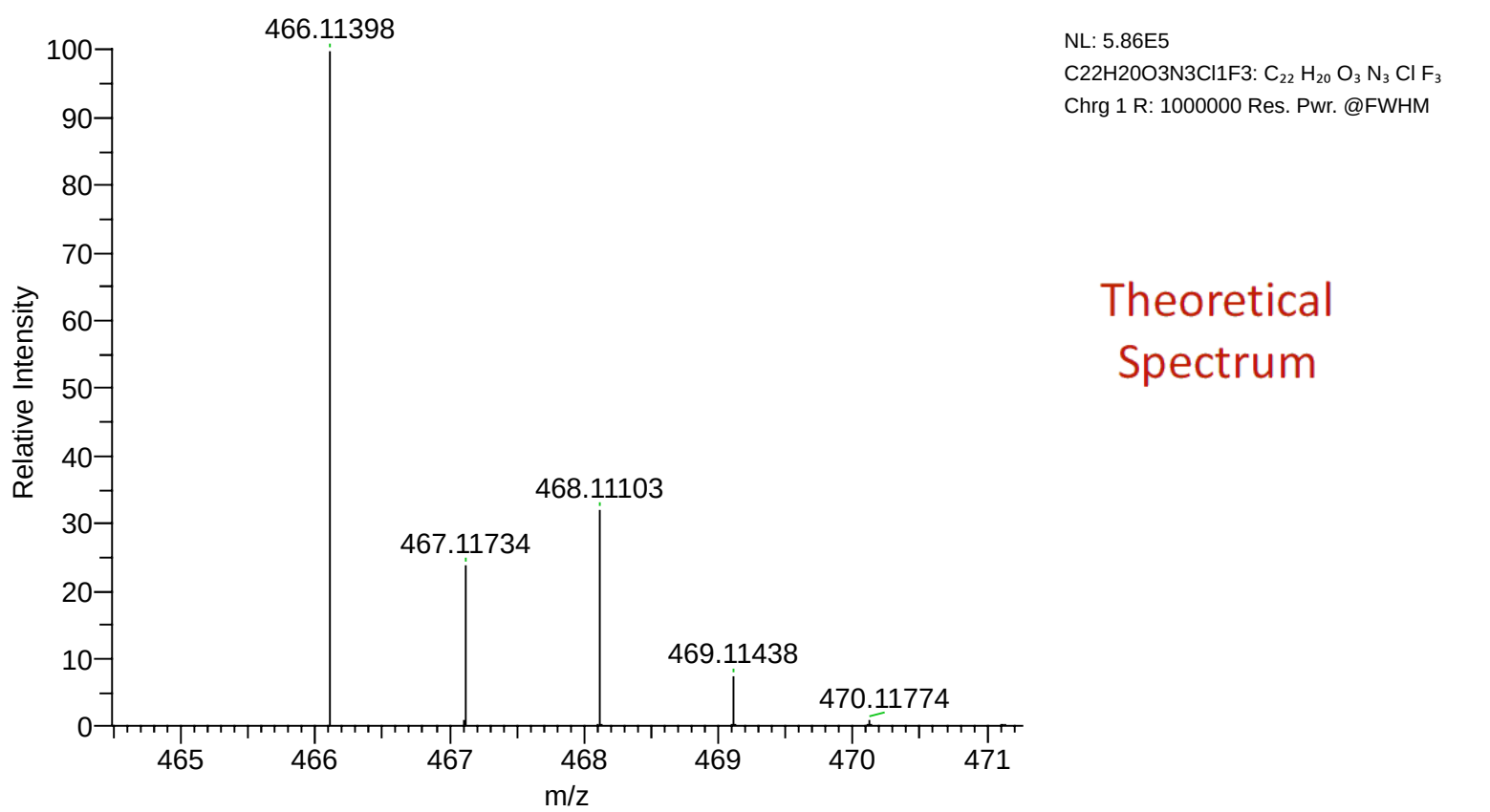
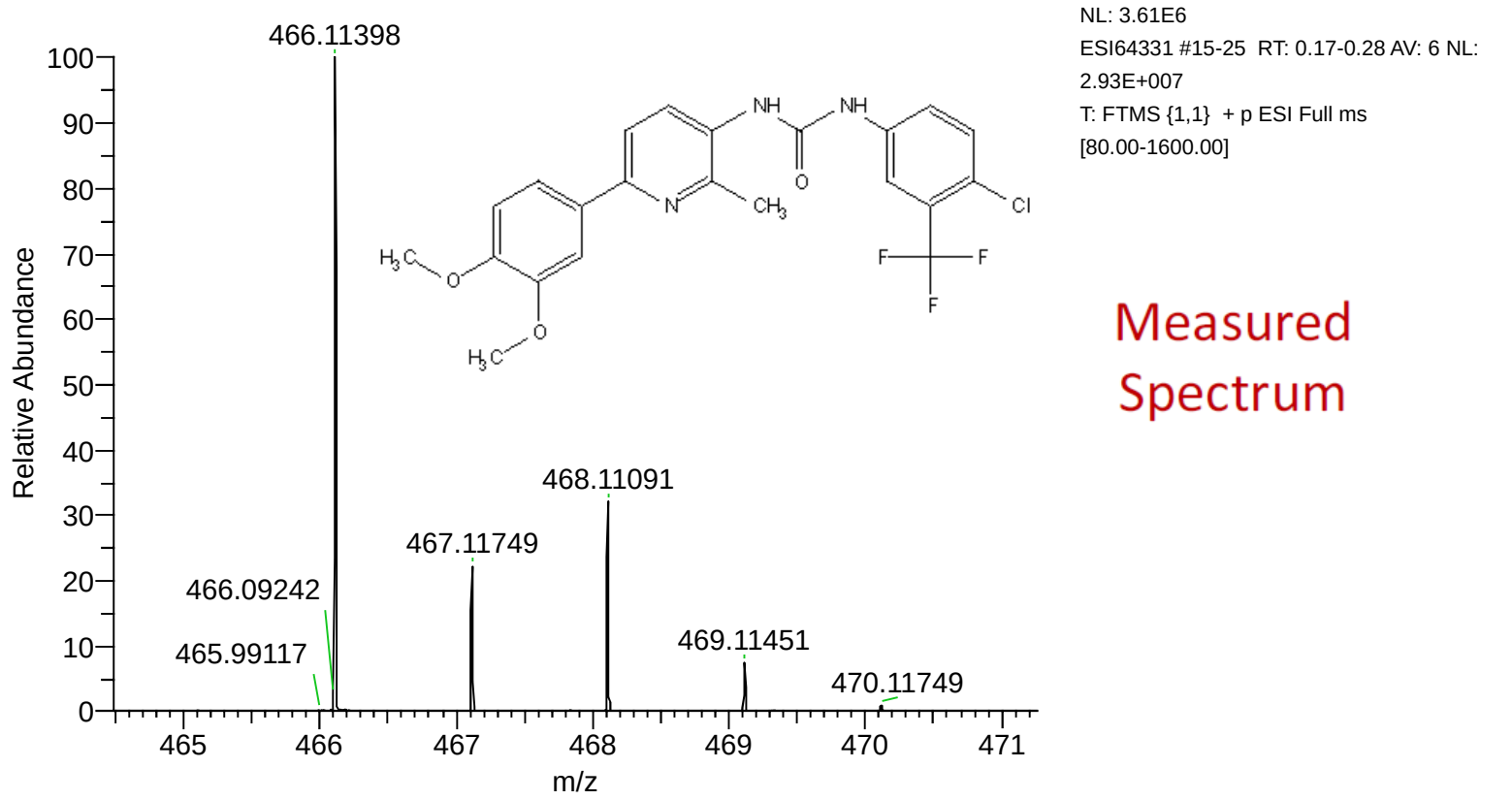


ha79811105.2.fid
Instrument AVC500
Group MGM
Project Account Code DM7300
7981 Hadia Almahli 11/5/17

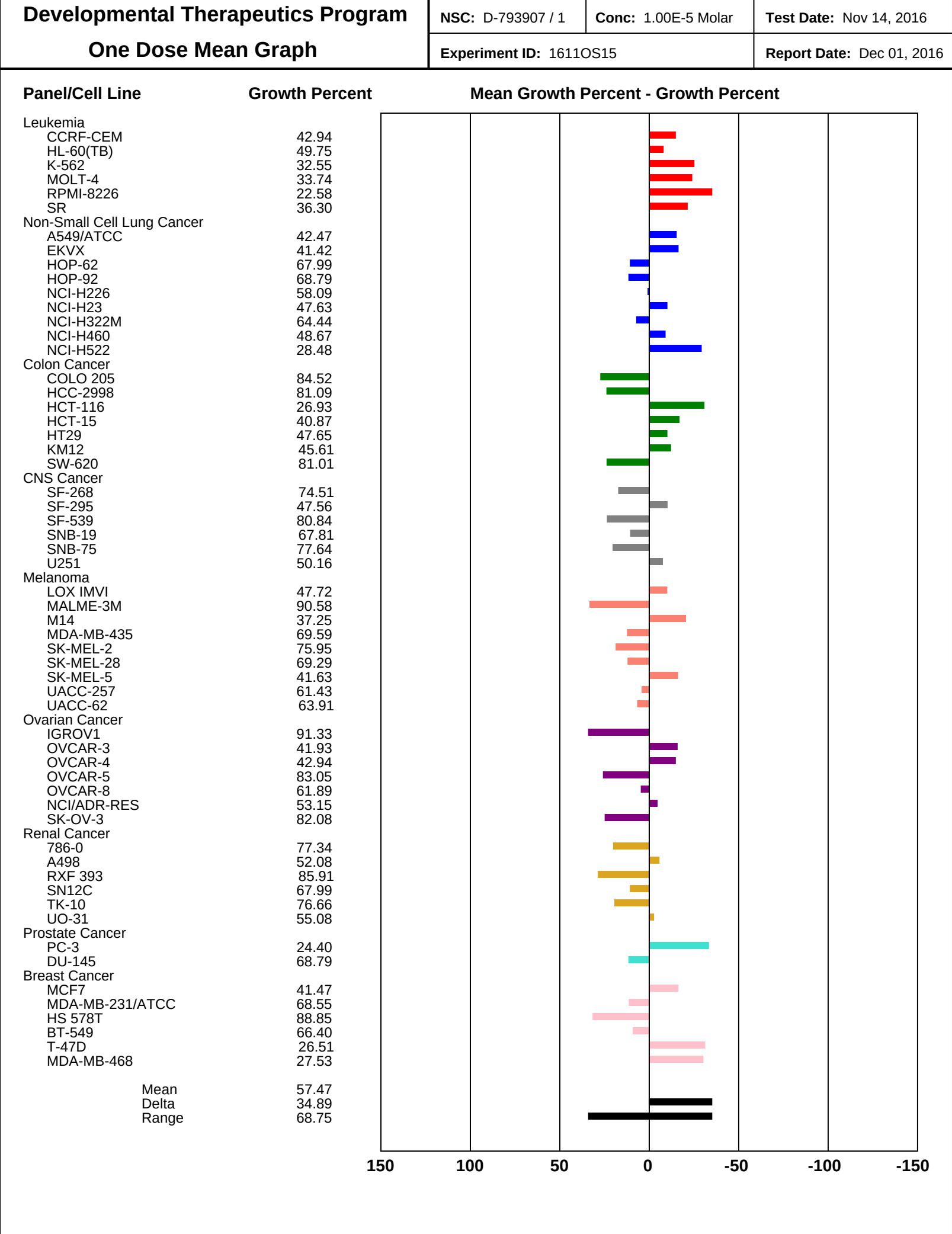


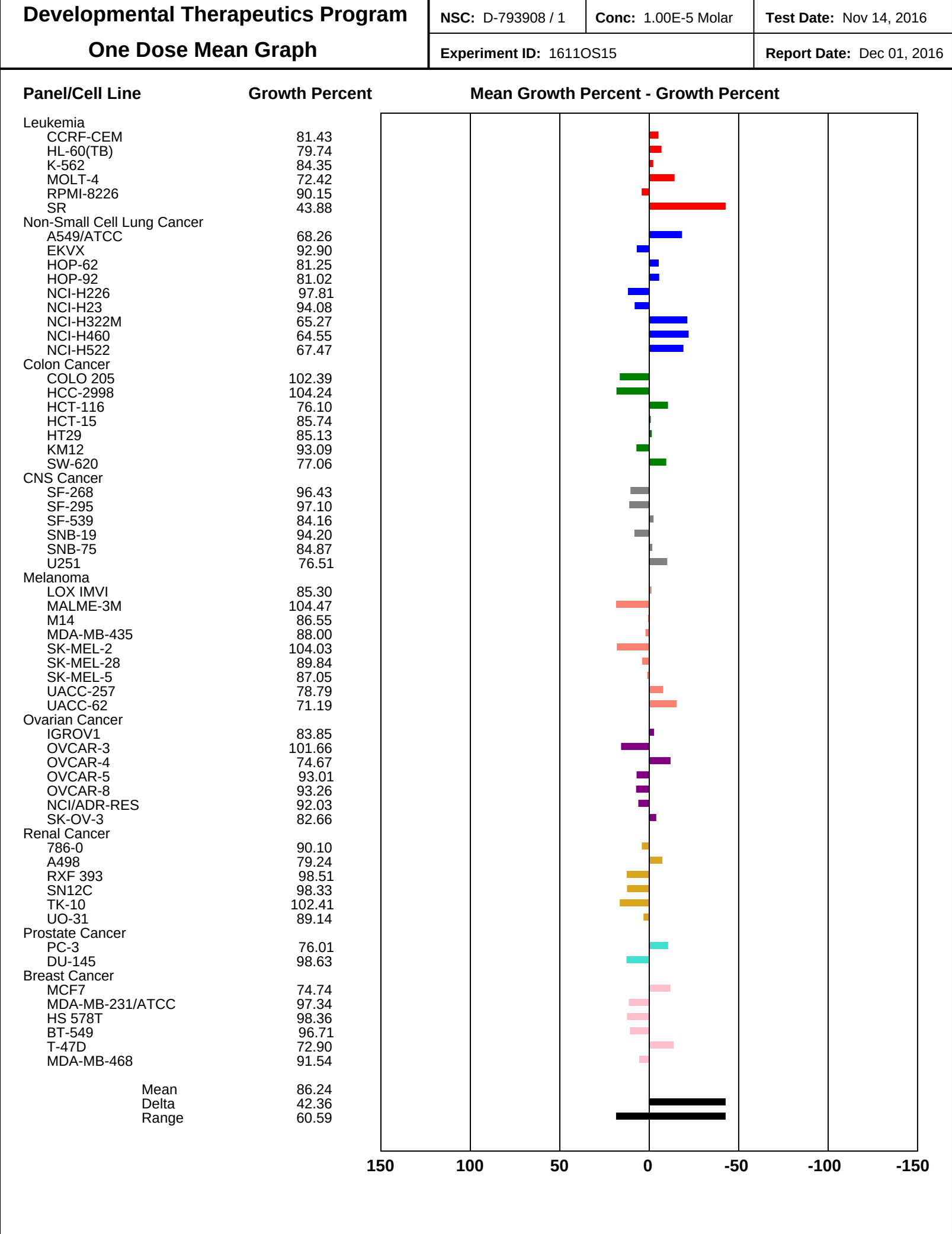
8I

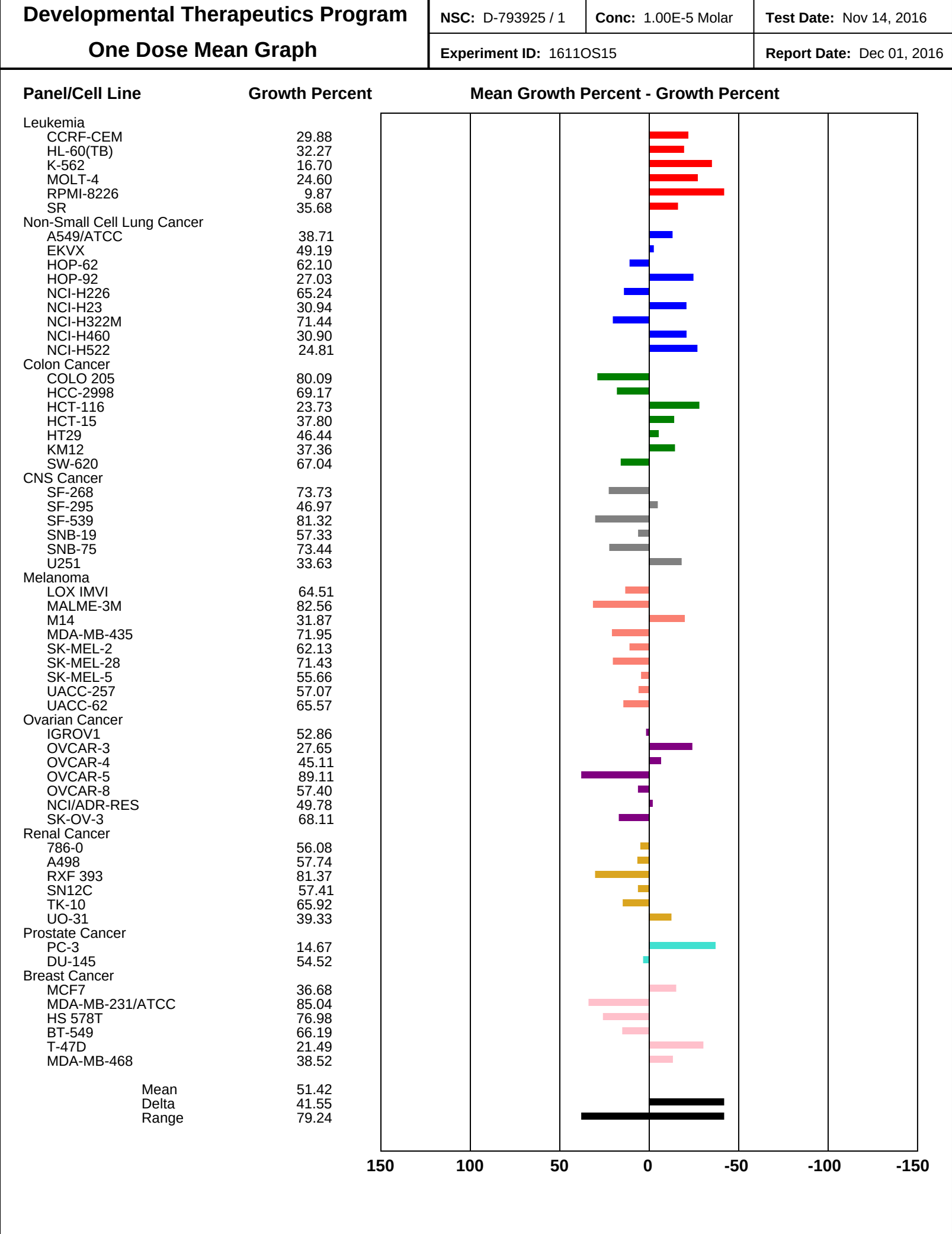


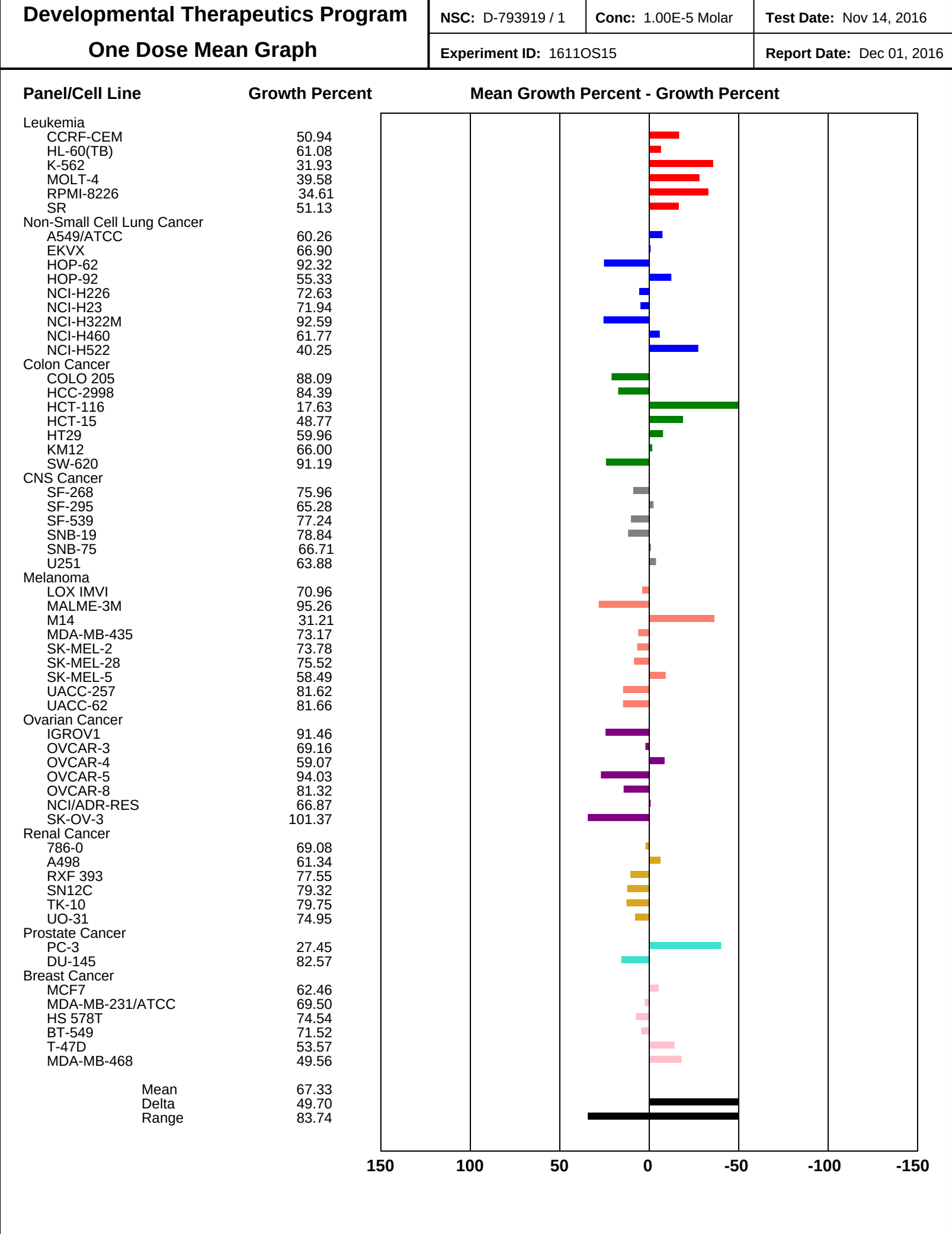


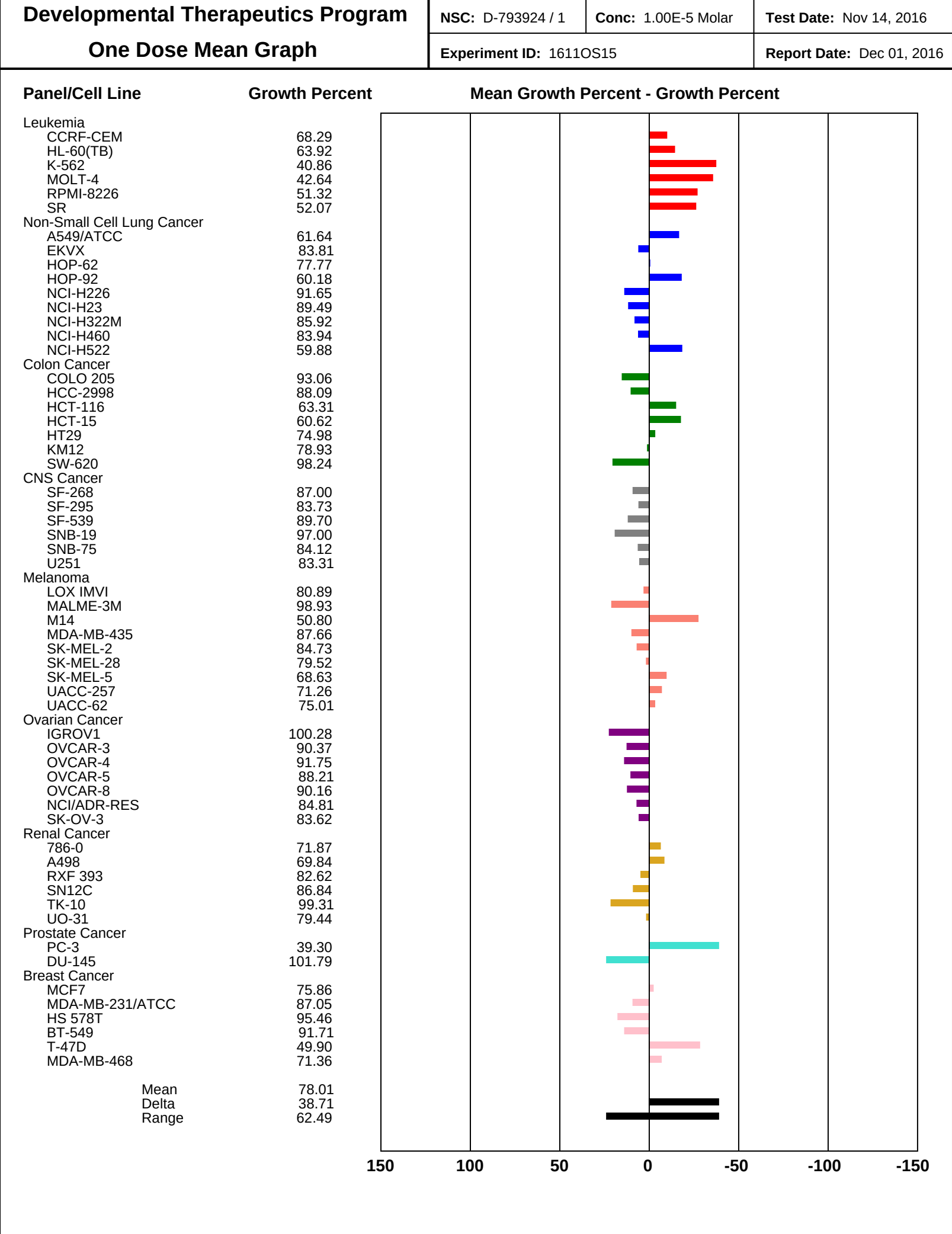
m/z	Formula	RDB	Delta ppm	Theo. Mass
466.11398	C ₂₂ H ₂₀ O ₃ N ₃ ³⁵ ClF ₃	12.5	0.01	466.11398

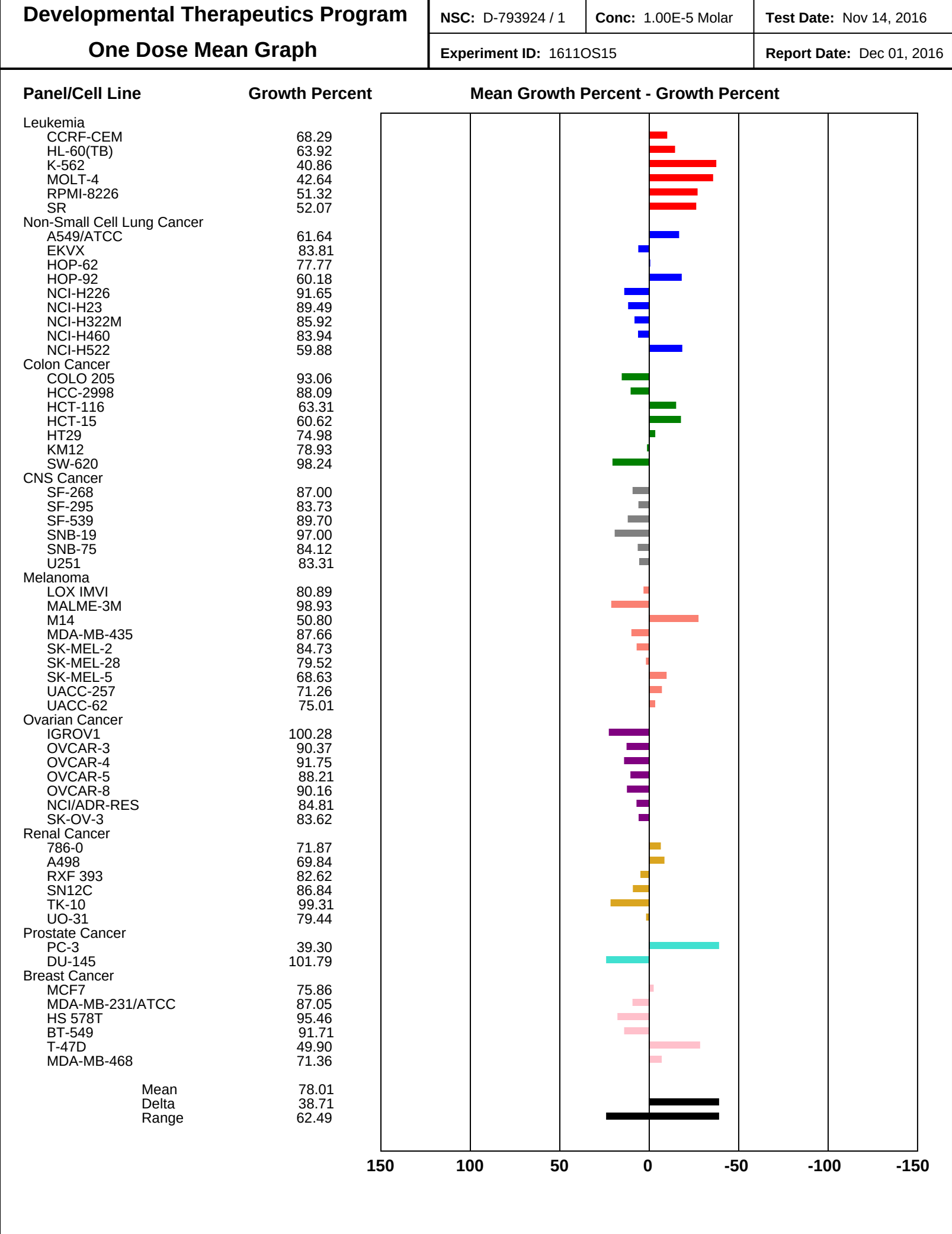












Developmental Therapeutics Program		NSC: D-793915 / 1	Conc: 1.00E-5 Molar	Test Date: Nov 14, 2016				
One Dose Mean Graph		Experiment ID: 1611OS15		Report Date: Dec 01, 2016				
Panel/Cell Line	Growth Percent	Mean Growth Percent - Growth Percent						
Leukemia								
CCRF-CEM	55.04							
HL-60(TB)	52.58							
K-562	49.47							
MOLT-4	43.68							
RPMI-8226	43.88							
SR	60.09							
Non-Small Cell Lung Cancer								
A549/ATCC	44.62							
EKVX	67.30							
HOP-62	77.10							
HOP-92	70.53							
NCI-H226	72.73							
NCI-H23	71.36							
NCI-H322M	87.05							
NCI-H460	52.19							
NCI-H522	43.02							
Colon Cancer								
COLO 205	93.52							
HCC-2998	93.63							
HCT-116	45.30							
HCT-15	49.62							
HT29	56.20							
KM12	70.44							
SW-620	90.92							
CNS Cancer								
SF-268	75.77							
SF-295	71.54							
SF-539	87.81							
SNB-19	78.75							
SNB-75	80.45							
U251	55.26							
Melanoma								
LOX IMVI	78.57							
MALME-3M	90.89							
M14	47.02							
MDA-MB-435	77.84							
SK-MEL-2	87.87							
SK-MEL-28	73.58							
SK-MEL-5	63.85							
UACC-257	56.26							
UACC-62	77.31							
Ovarian Cancer								
IGROV1	83.06							
OVCAR-3	57.00							
OVCAR-4	75.13							
OVCAR-5	85.15							
OVCAR-8	81.32							
NCI/ADR-RES	69.67							
SK-OV-3	84.22							
Renal Cancer								
786-0	75.10							
A498	57.69							
RXF 393	72.65							
SN12C	78.52							
TK-10	88.19							
UO-31	72.37							
Prostate Cancer								
PC-3	33.54							
DU-145	80.60							
Breast Cancer								
MCF7	58.28							
MDA-MB-231/ATCC	88.41							
HS 578T	81.01							
BT-549	88.97							
T-47D	49.20							
MDA-MB-468	48.57							
Mean	68.99							
Delta	35.45							
Range	60.09							
		150	100	50	0	-50	-100	-150

