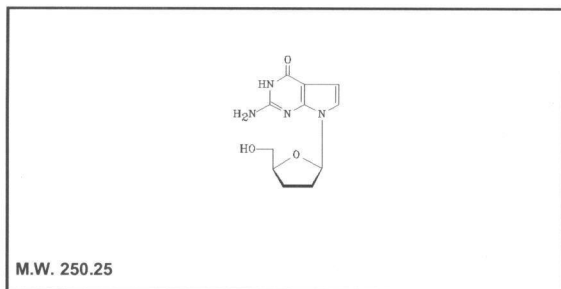




Product Data Sheet

M-1783

7-Deaza-2',3'-dideoxyguanosine

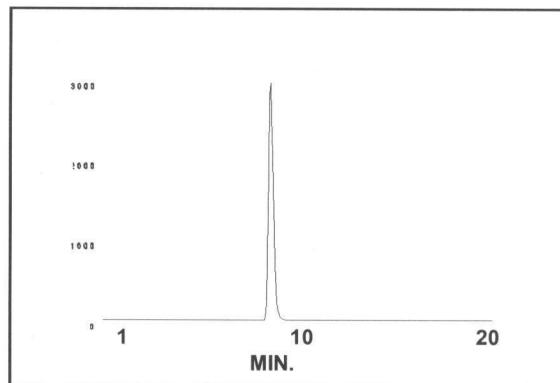


Lot #: 208-243-000-IKB-20060112-Q

Packaged as: Solid

Date of Analysis: July 16, 2009

Chemical Purity @ 248nm: 99.9%



HPLC ANALYSIS LOT 208-243-000-IKB-20060112-Q
File Name: int42024 Date and Time: 7/16/2009 11:40:16 A
Unit 4 UV

Peak #	Area %	Time	Area
1	100.00	8.60000	5251.99115
Totals	100.00		5251.99115

Storage Recommendation: Store at -20°C.

Product Warranty: Stated on the reverse side of this Product Data Sheet.

Caution: Not For Use In Humans Or Clinical Diagnosis. This product is intended for investigational or manufacturing use only. It is pharmaceutically unrefined and is not intended for use in humans. Responsibility for its use in humans, as a diagnostic reagent, and compliance with federal laws rests solely with the purchaser.

M-1783

7-Deaza-2',3'-dideoxyguanosine

Lot 208-243-000-IKB-20060112-Q

A) All chromatograms were run using the HPLC method described on the Product Data Sheet.

Concentrations and volumes:

7-Deaza-2',3'-dideoxyguanosine solution concentration was 0.25 mg/mL.

Volume of **7-Deaza-2',3'-dideoxyguanosine** injection was 8.0 μ L.

Volume of blank injection was 8.0 μ L.

B) Mass spectrometry - Positive mode

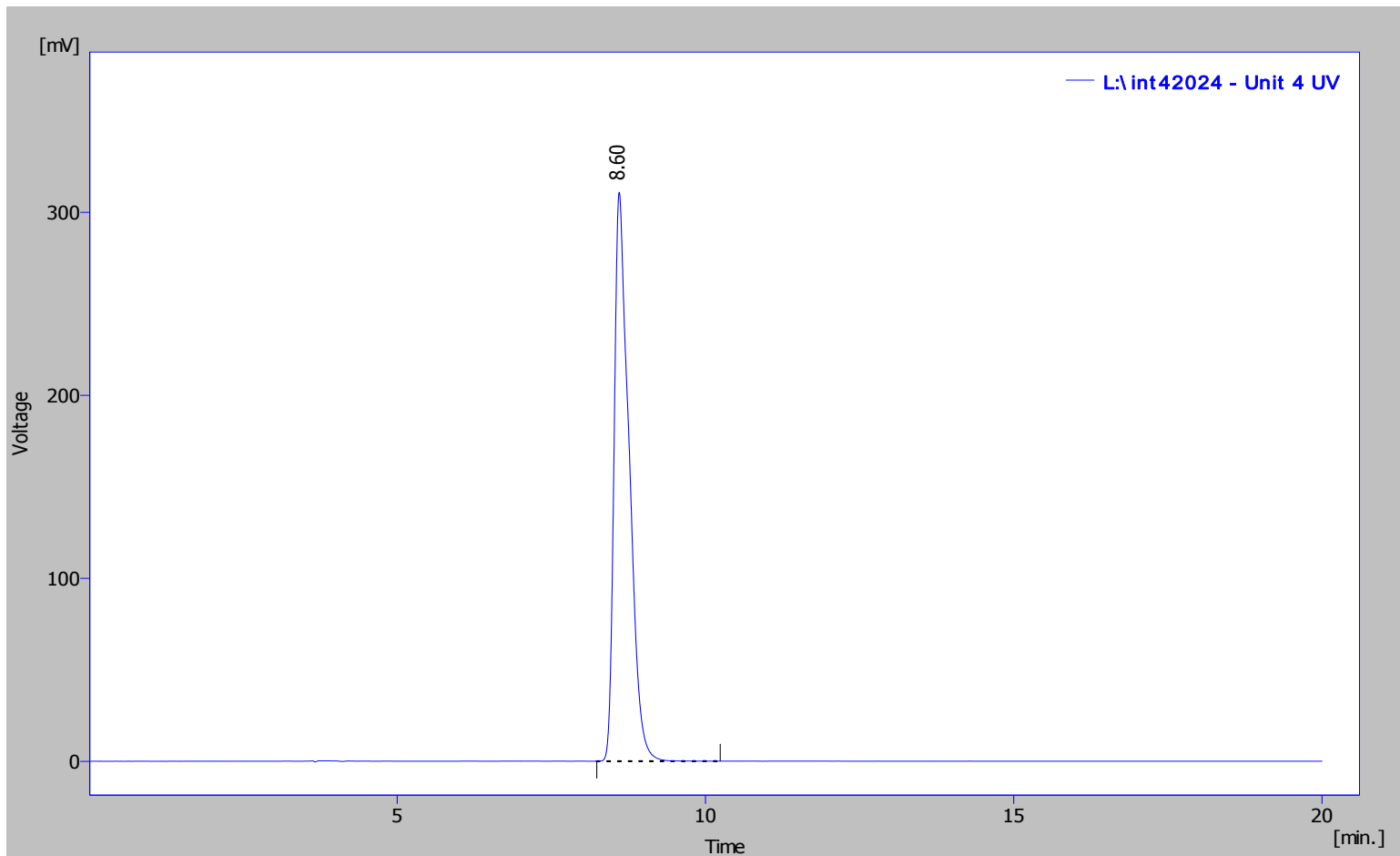
C) NMR

D) UV Spectrum

M-1783
7-Deaza-2',3'-dideoxyguanosine
Lot 208-243-000-IKB-20060112-Q

Chromatogram Info:

File Name	: L:\int42024	File Created	: 12/17/2013 9:03:19 AM
Origin	: Acquired, Acquisition started 7/16/2009 11:20:18 AM	Acquired Date	: 7/16/2009 11:40:16 AM
Project	: Test	By	: Administrator
Method	: Unit4-20minrun	By	: Administrator
Description	: UV trace of 7-Deaza-2',3'-dideoxyguanosine	Modified	: 12/17/2013 9:09 AM
Created	: 8/7/2007 9:44 AM		
Column	:	Detection	: UV 248nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



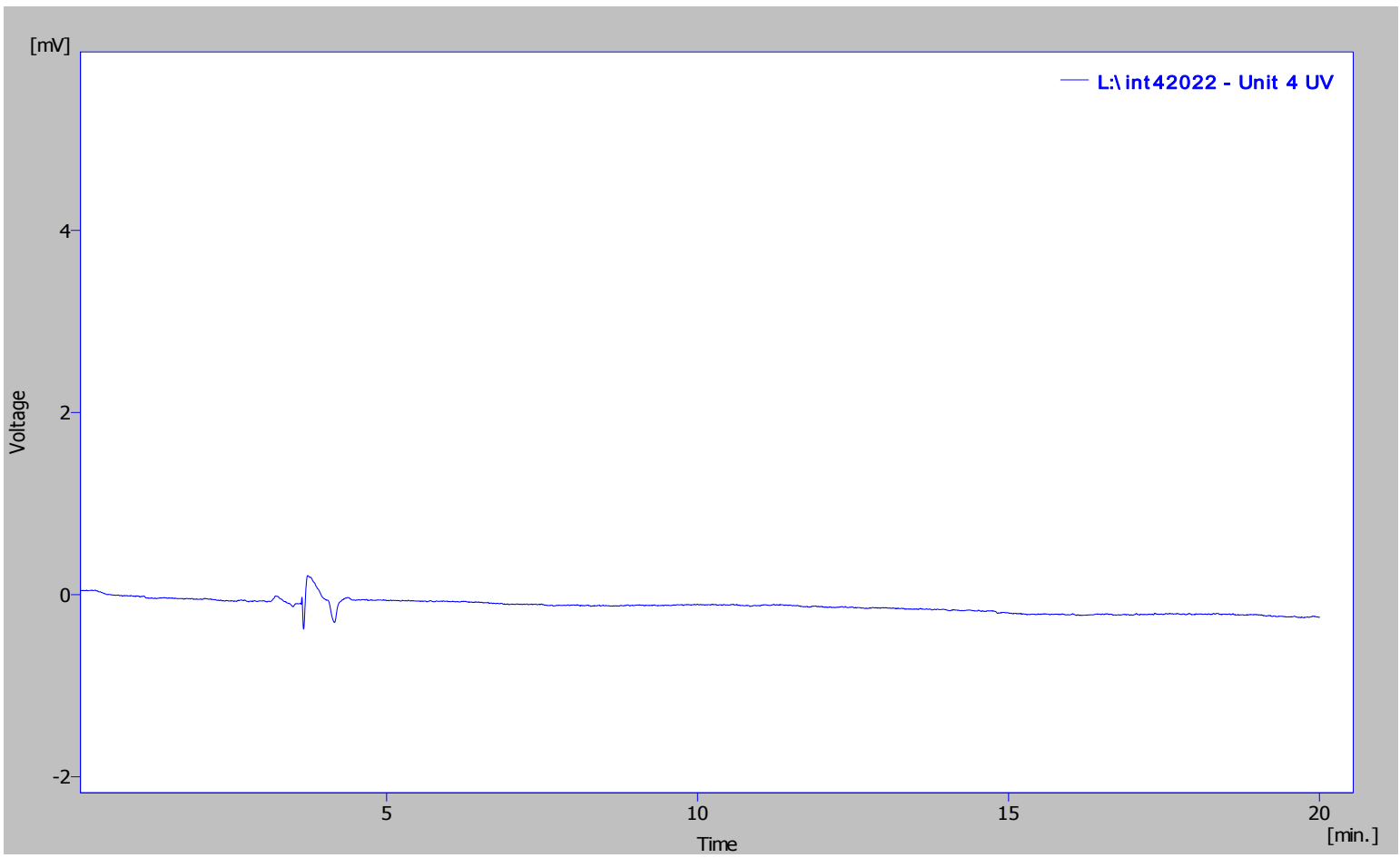
Result Table (Uncal - L:\int42024 - Unit 4 UV)

	Compound Name	Reten. Time [min]	Area [%]	Area [mV.s]	Height [mV]	Height [%]	Efficiency [th.pl]
1		8.600	100.00	5251.991	310.922	100.000	5484.303
		Total	100.00	5251.991	310.922	100.000	

M-1783
7-Deaza-2',3'-dideoxyguanosine
Lot 208-243-000-IKB-20060112-Q

Chromatogram Info:

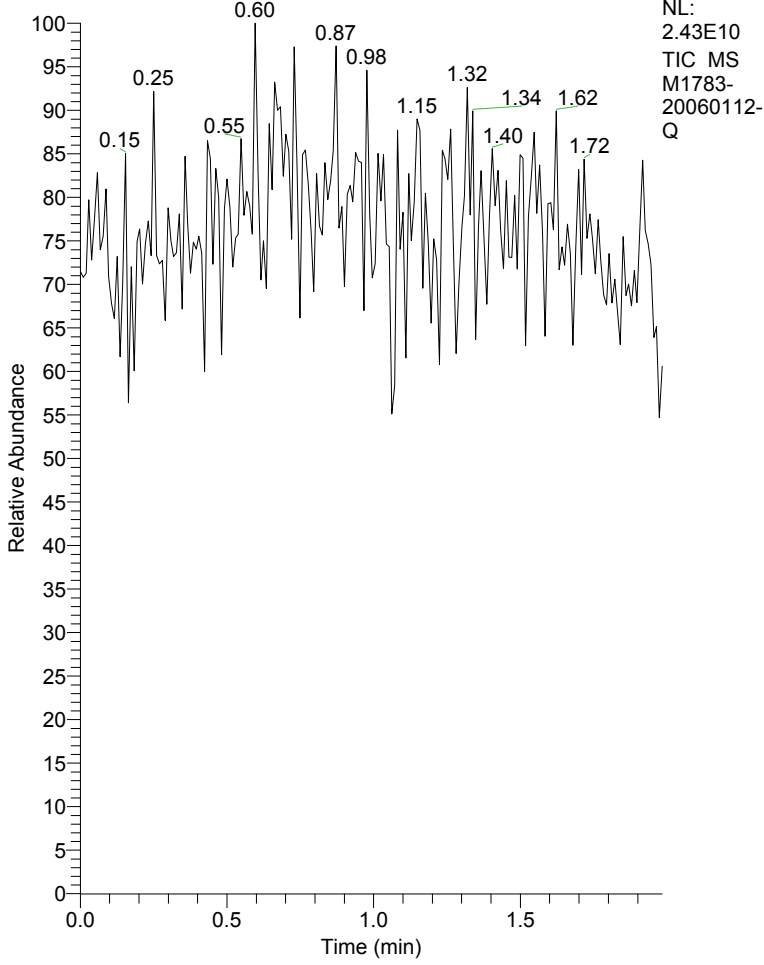
File Name	: L:\int42022	File Created	: 12/17/2013 9:03:19 AM
Origin	: Acquired, Acquisition started 7/16/2009 9:34:58 AM	Acquired Date	: 7/16/2009 9:54:57 AM
Project	: Test	By	: Administrator
Method	: Unit4-20minrun	By	: Administrator
Description	: UV trace of blank injection	Modified	: 12/17/2013 9:09 AM
Created	: 8/7/2007 9:44 AM		
Column	:	Detection	: UV 248nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



Result Table (Uncal - L:\int42022 - Unit 4 UV)

Compound Name	Reten. Time [min]	Area [%]	Area [mV.s]	Height [mV]	Height [%]	Efficiency [th.pl]
No peak to report						

RT: 0.00 - 1.98



NL: 2.43E10
TIC MS
M1783-20060112-Q

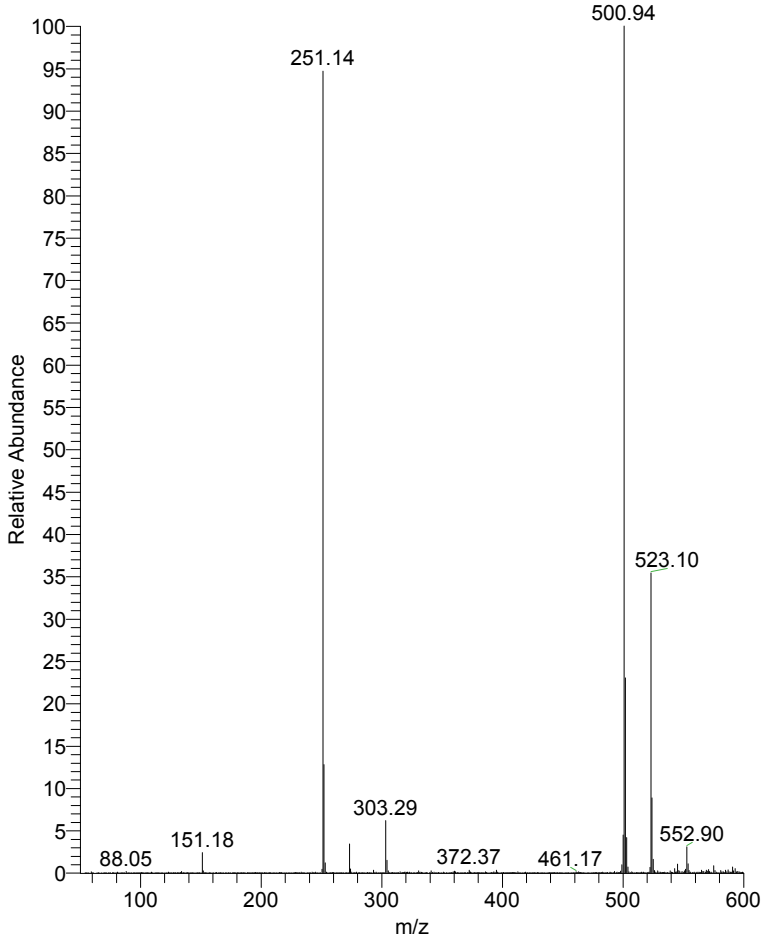
M1783-20060112-Q#1-209 RT: 0.00-1.98 AV:

T: + c NSI Full ms [50.00-600.00]

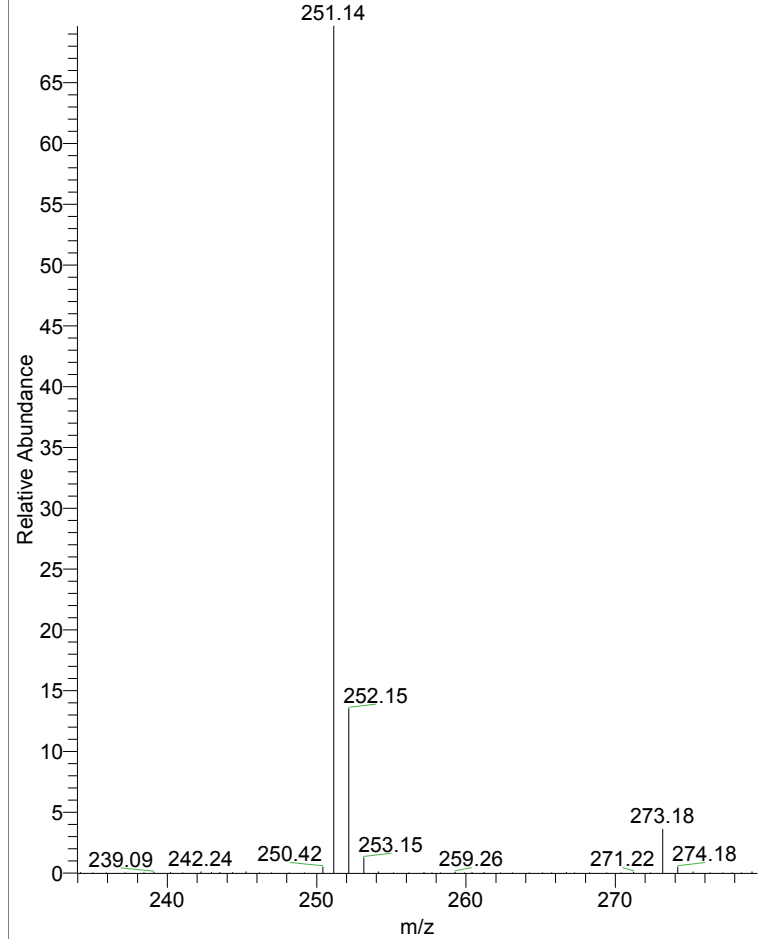
m/z = 249.55-256.72

m/z	Intensity	Relative
250.42	24935700.7	0.48
251.14	5226906234.5	100.00
252.15	706218012.2	13.51
253.15	65223417.9	1.25
254.14	5214030.0	0.10
255.16	876573.5	0.02
256.18	1089523.8	0.02

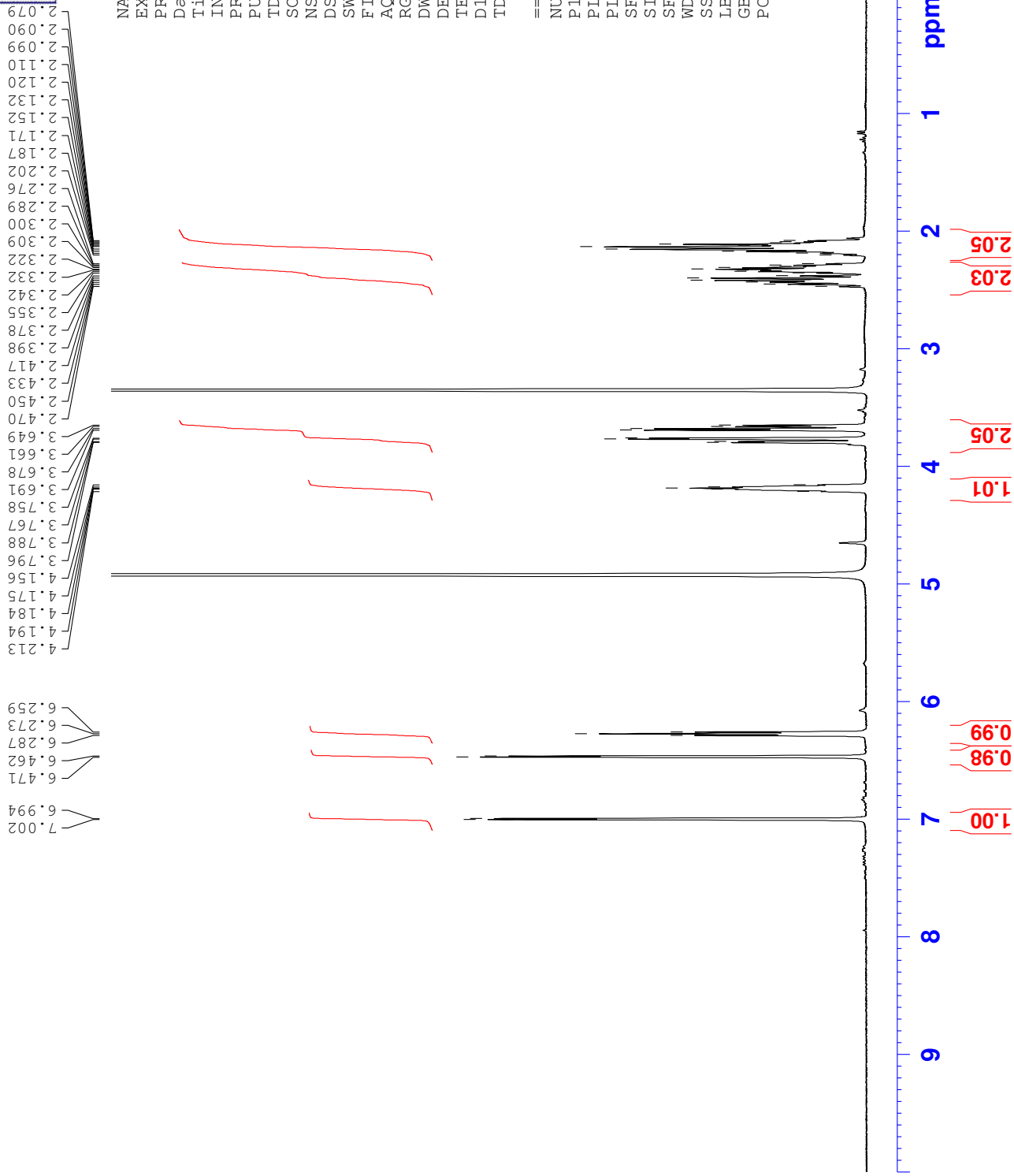
M1783-20060112-Q #1-209 RT: 0.00-1.98 AV: 209 NL: 5.52E9
T: + c NSI Full ms [50.00-600.00]



M1783-20060112-Q #1-209 RT: 0.00-1.98 AV: 209 NL: 5.23E9
T: + c NSI Full ms [50.00-600.00]



M1783 1H NMR in MeOD
Batch 20060112-Q

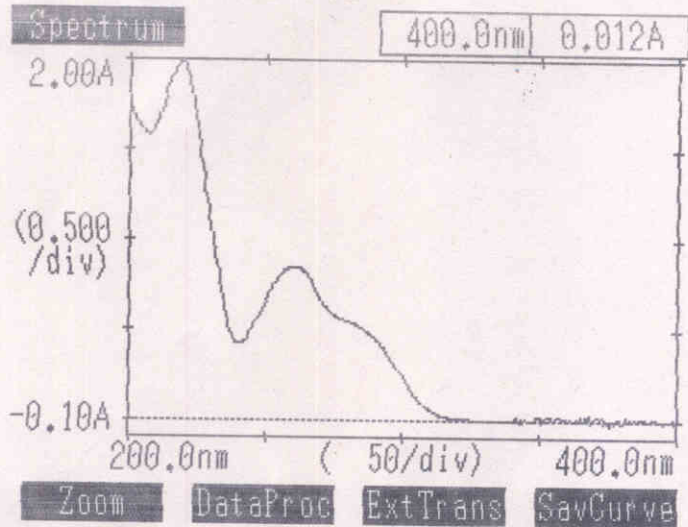


```

NAME M1783
EXPNO 1
PROCNO 1
Date_ 20090716
Time 13.14
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 512
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 362
DW 60.400 usec
DE 6.50 usec
TE 294.6 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PL1 -0.70 dB
PL1W 10.03411102 W
SFO1 400.1324710 MHz
SI 32768
SF 400.1299916 MHz
WDW no
SSB 0
LB 0.00 Hz
GB 0
PC 1.00
  
```


17/Jul/09 09:24:46



17/Jul/09 09:25:28

Peak detection

Abscis.	ABS	Abscis.	ABS
260.5	0.852		
219.0	1.997		

Graph PrintOut Valley