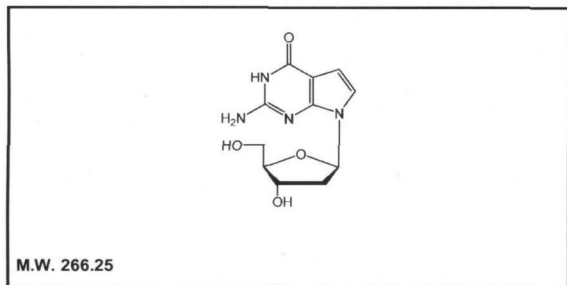




Product Data Sheet

M-1776

7-Deaza-2'-deoxyguanosine

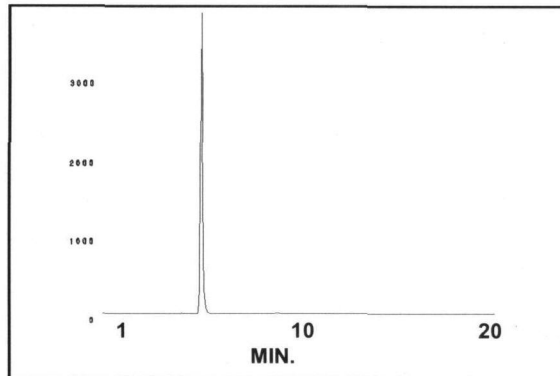


Lot #: 208-285-000-A-20090818-HP

Packaged as: Solid

Date of Analysis: August 18, 2009

Chemical Purity @ 248nm: 99.3%



HPLC ANALYSIS LOT 208-285-000-A-20090818-HP
File Name: int42089 Date and Time: 8/18/2009 4:16:18 PM
Unit 4 UV

Peak #	Area %	Time	Area
1	0.08	4.09670	2.26311
2	99.34	5.07330	2848.71836
3	0.58	8.92000	16.59349
Totals	100.00		2867.57496

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-1776

7-Deaza-2'-deoxyguanosine

Lot 208-285-000-A-20090818-HP

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

Concentrations and volumes:

7-Deaza-2'-deoxyguanosine solution concentration was 1.0 mg/mL.

Volume of **7-Deaza-2'-deoxyguanosine** injection was 2.5 μ L.

Volume of blank injection was 2.5 μ L.

B) Mass spectrometry - Positive mode

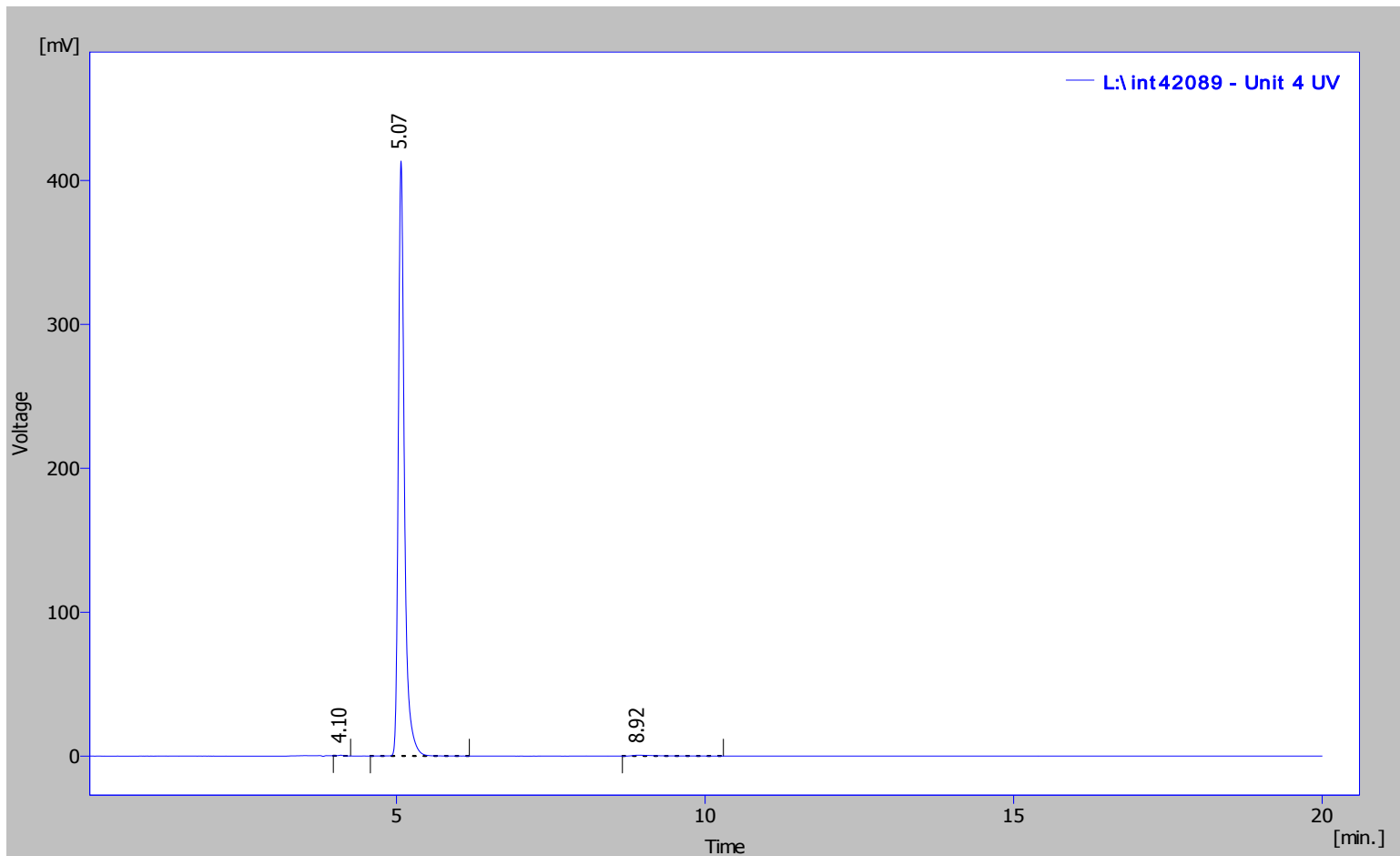
C) NMR

D) UV Spectrum

M-1776
7-Deaza-2'-deoxyguanosine
Lot 208-285-000-A-20090818-HP

Chromatogram Info:

File Name	: L:\int42089	File Created	: 12/9/2013 3:15:30 PM
Origin	: Acquired, Acquisition started 8/18/2009 3:56:19 PM	Acquired Date	: 8/18/2009 4:16:18 PM
Project	: Test	By	: Administrator
Method	: Unit4-20minrun	By	: Administrator
Description	: UV trace of 7-Deaza-2'-deoxyguanosine	Modified	: 12/9/2013 3:24 PM
Created	: 8/7/2007 9:44 AM		
Column	:	Detection	: UV 248nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



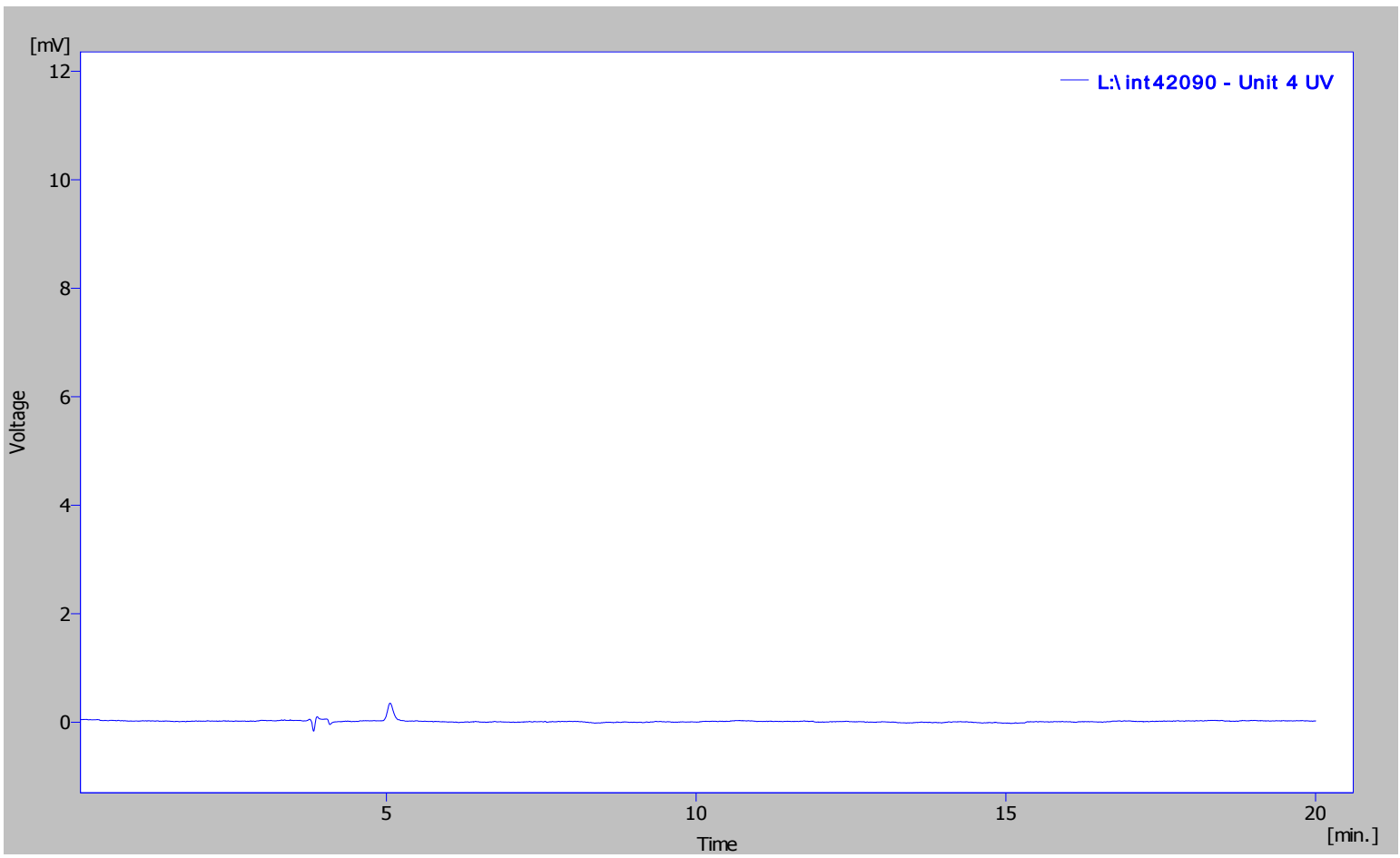
Result Table (Uncal - L:\int42089 - Unit 4 UV)

	Compound Name	Reten. Time [min]	Area [%]	Area [mV.s]	Height [mV]	Height [%]	Efficiency [th.pl]
1		4.097	0.08	2.263	0.487	0.118	23179.621
2		5.073	99.34	2848.718	413.427	99.733	14259.246
3		8.920	0.58	16.593	0.620	0.150	3598.350
		Total	100.00	2867.575	414.534	100.000	

M-1776
7-Deaza-2'-deoxyguanosine
Lot 208-285-000-A-20090818-HP

Chromatogram Info:

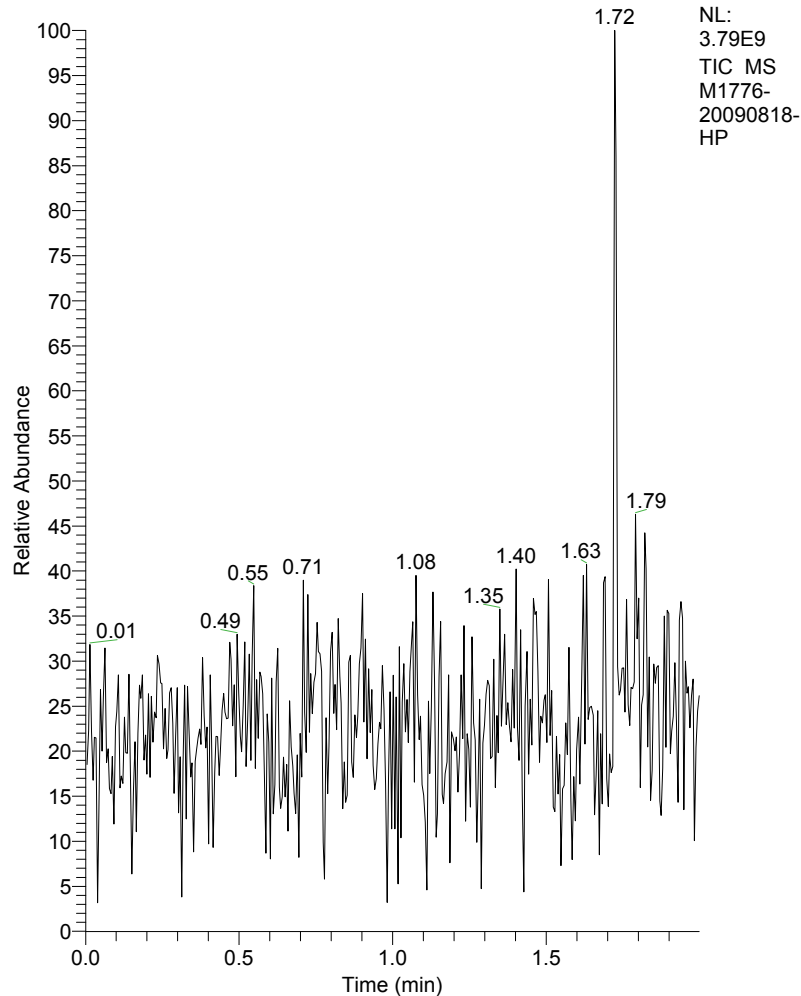
File Name	: L:\int42090	File Created	: 12/9/2013 3:15:29 PM
Origin	: Acquired, Acquisition started 8/18/2009 4:29:57 PM	Acquired Date	: 8/18/2009 4:49:55 PM
Project	: Test	By	: Administrator
Method	: Unit4-20minrun	By	: Administrator
Description	: UV trace of blank injection	Modified	: 12/9/2013 3:25 PM
Created	: 8/7/2007 9:44 AM		
Column	:	Detection	: UV 248nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



Result Table (Uncal - L:\int42090 - 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 - 2.00



M1776-20090818-HP#1-402 RT: 0.00-2.00 AV:

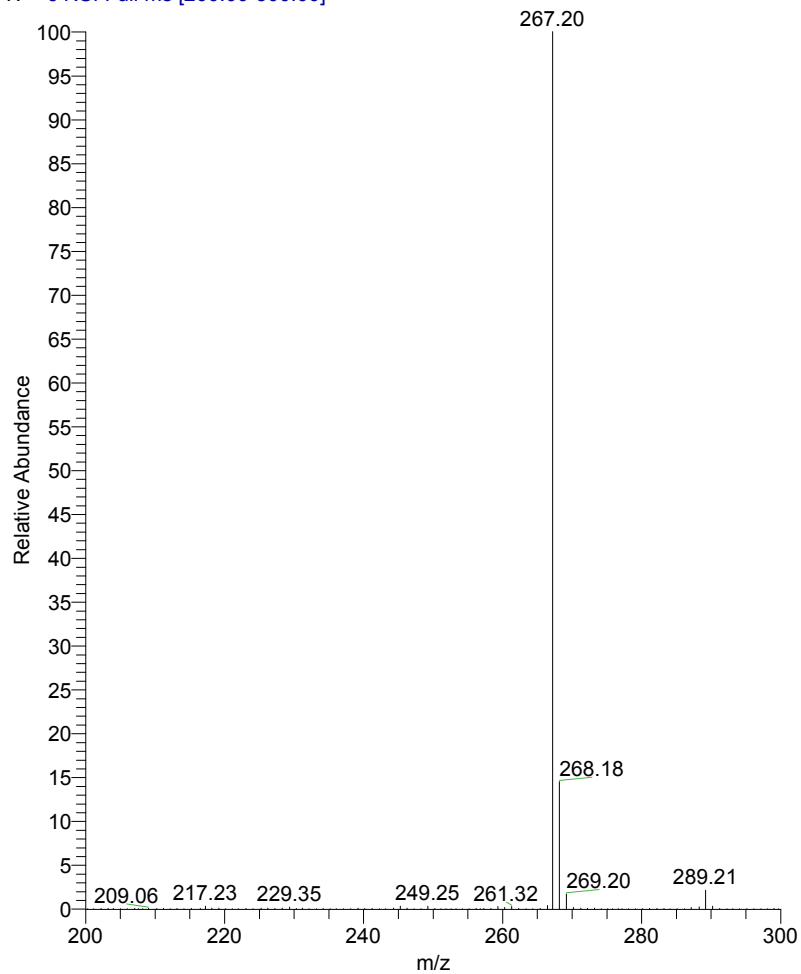
T: + c NSI Full ms [200.00-300.00]

m/z= 266.19-269.34

m/z	Intensity	Relative
266.47	2697361.8	0.39
267.20	700234743.5	100.00
268.18	101557727.6	14.50
269.20	11948653.1	1.71

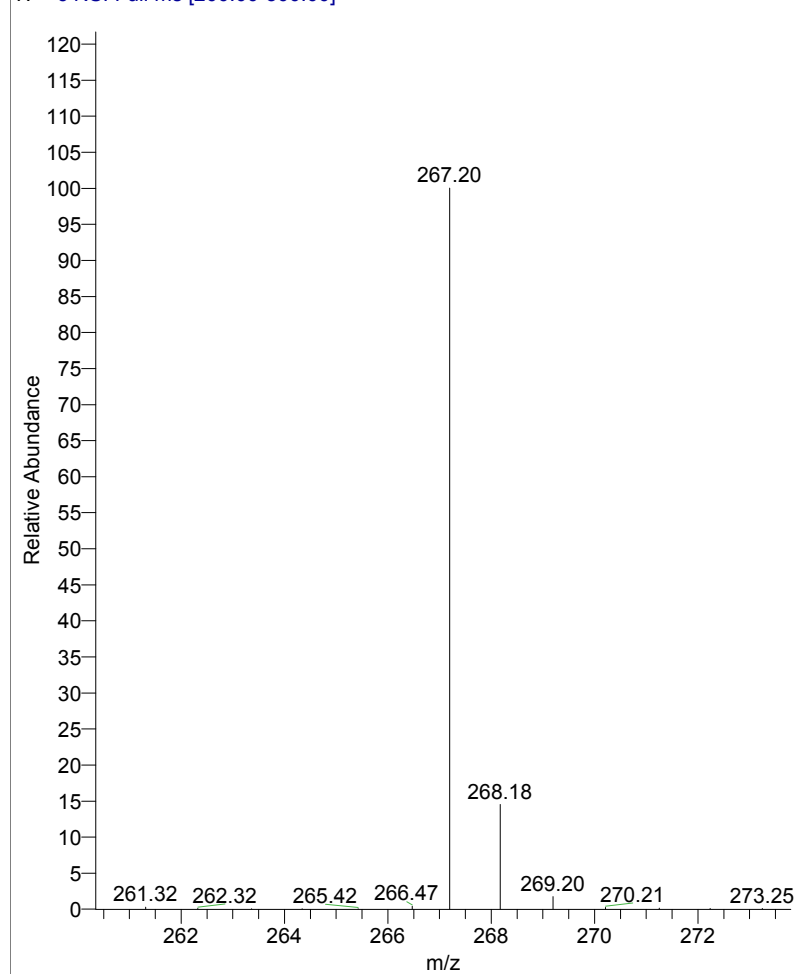
M1776-20090818-HP #1-402 RT: 0.00-2.00 AV: 402 NL: 7.00E8

T: + c NSI Full ms [200.00-300.00]



M1776-20090818-HP #1-402 RT: 0.00-2.00 AV: 402 NL: 7.00E8

T: + c NSI Full ms [200.00-300.00]



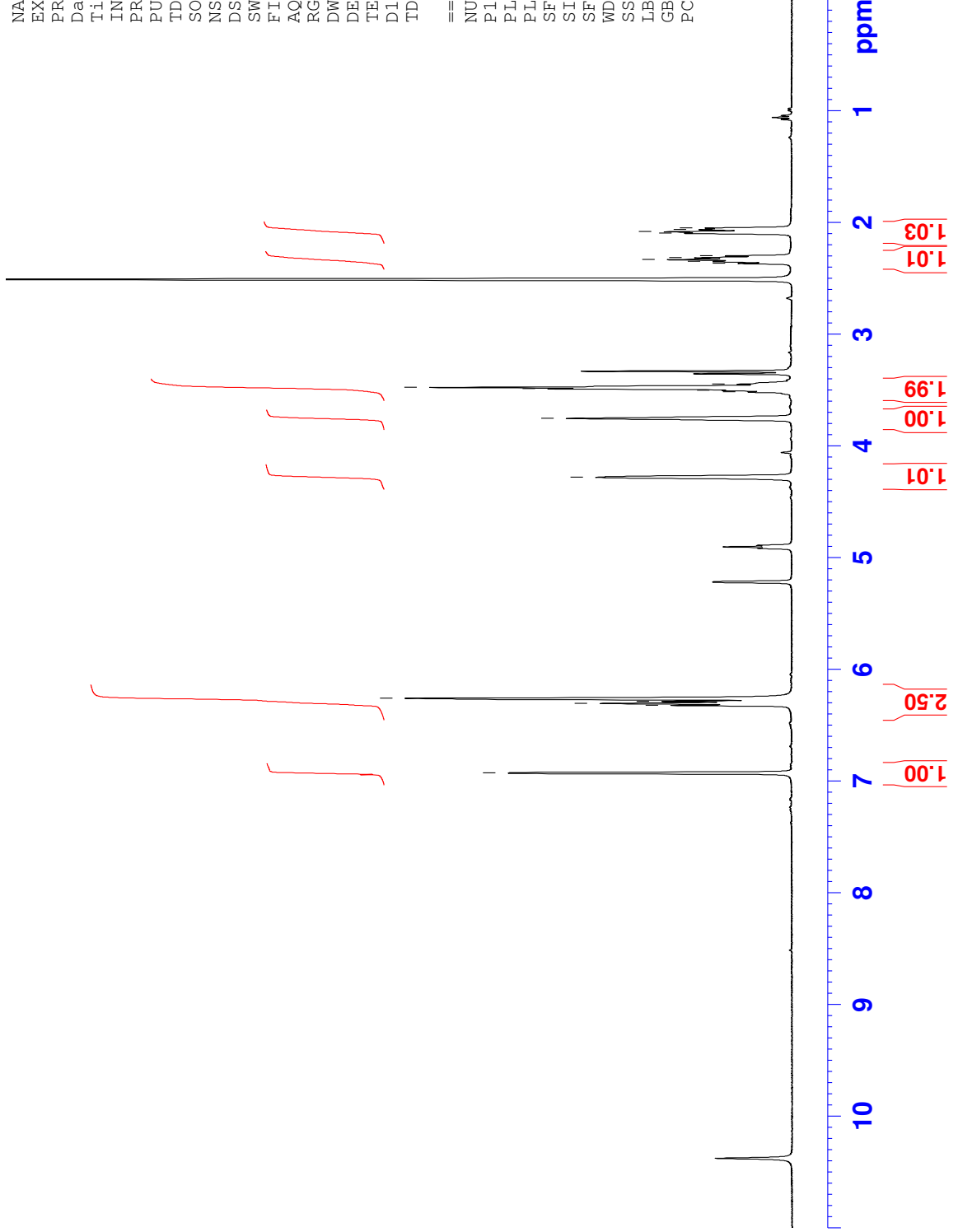
M1776 1H NMR in DMSO
Batch 20090818-HP



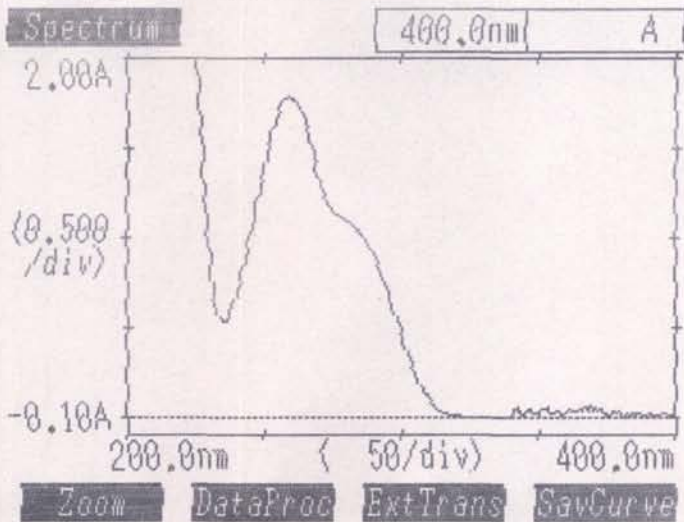
6.927
6.322
6.305
6.287
6.258
4.280
3.753
3.515
3.502
3.487
3.475
3.446
2.365
2.348
2.331
2.314
2.298
2.095
2.081
2.063
2.049

NAME M1776
EXPNO 1
PROCNO 1
Date_ 20090820
Time 9.57
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 256
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 293.3 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 400.1300000 MHz
WDW no
SSB 0
LB 0.00 Hz
GB 0
PC 1.00



19/Aug/09 11:11:27



19/Aug/09 11:12:10

Peak detection

Abscis.)	ABS	Abscis.)	ABS
260.0	1.793		
216.5	3.913		

Graph PrintOut Valley