

Indazoles: Regioselective Protection and Subsequent Amine Coupling Reactions

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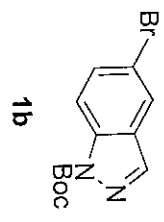
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General Information

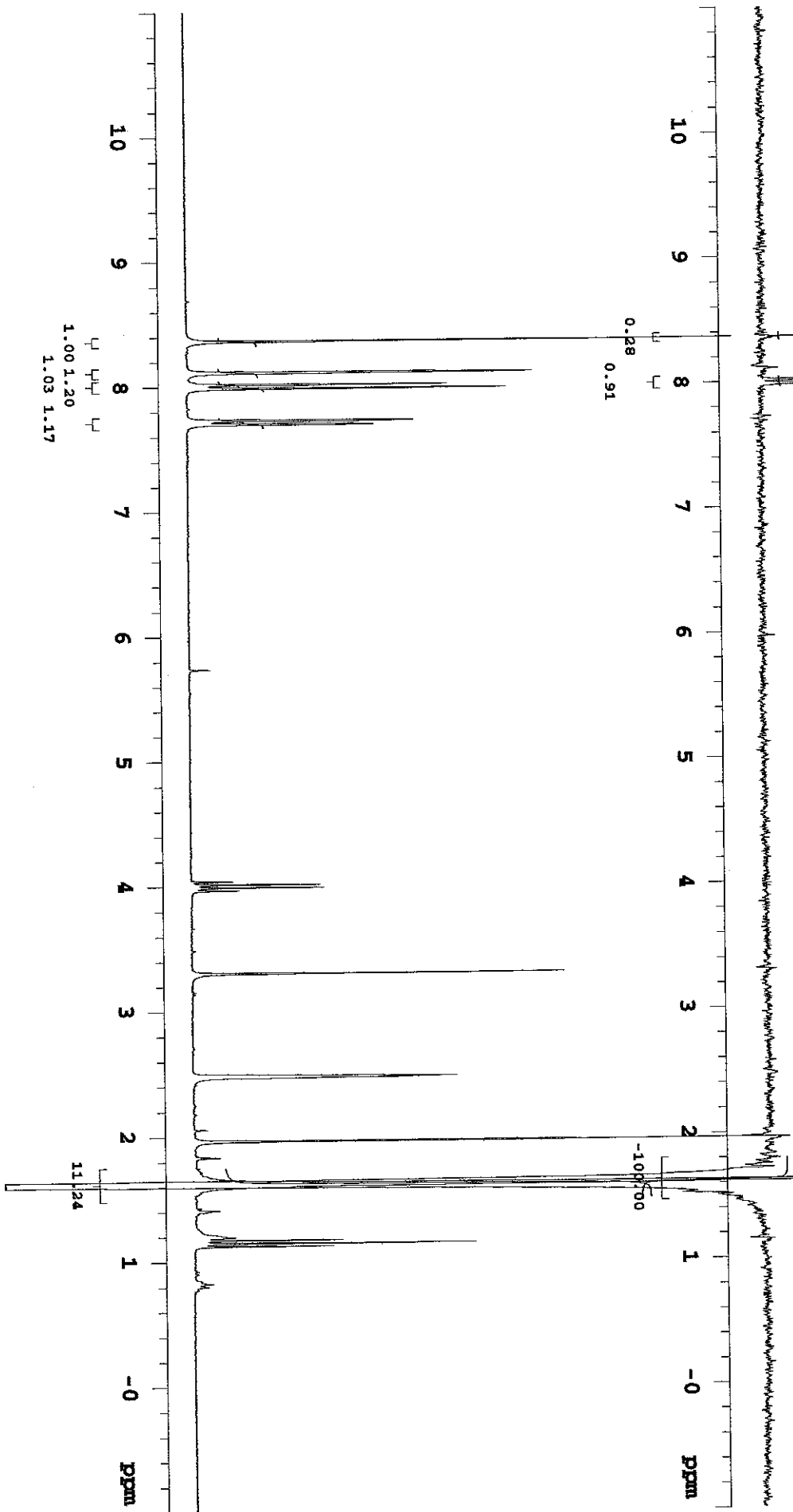
Proton nuclear magnetic resonance (^1H NMR) spectra were recorded in CDCl_3 unless otherwise specified. Carbon (^{13}C NMR) spectra were recorded in CDCl_3 unless specified. 1D NOE experiments were recorded in DMSO-d_6 unless specified. Unless specified, PMB-protected spectra correspond to the NaH/PMB conditions. The captions reading **T2EX** refer to table 2, entry X.

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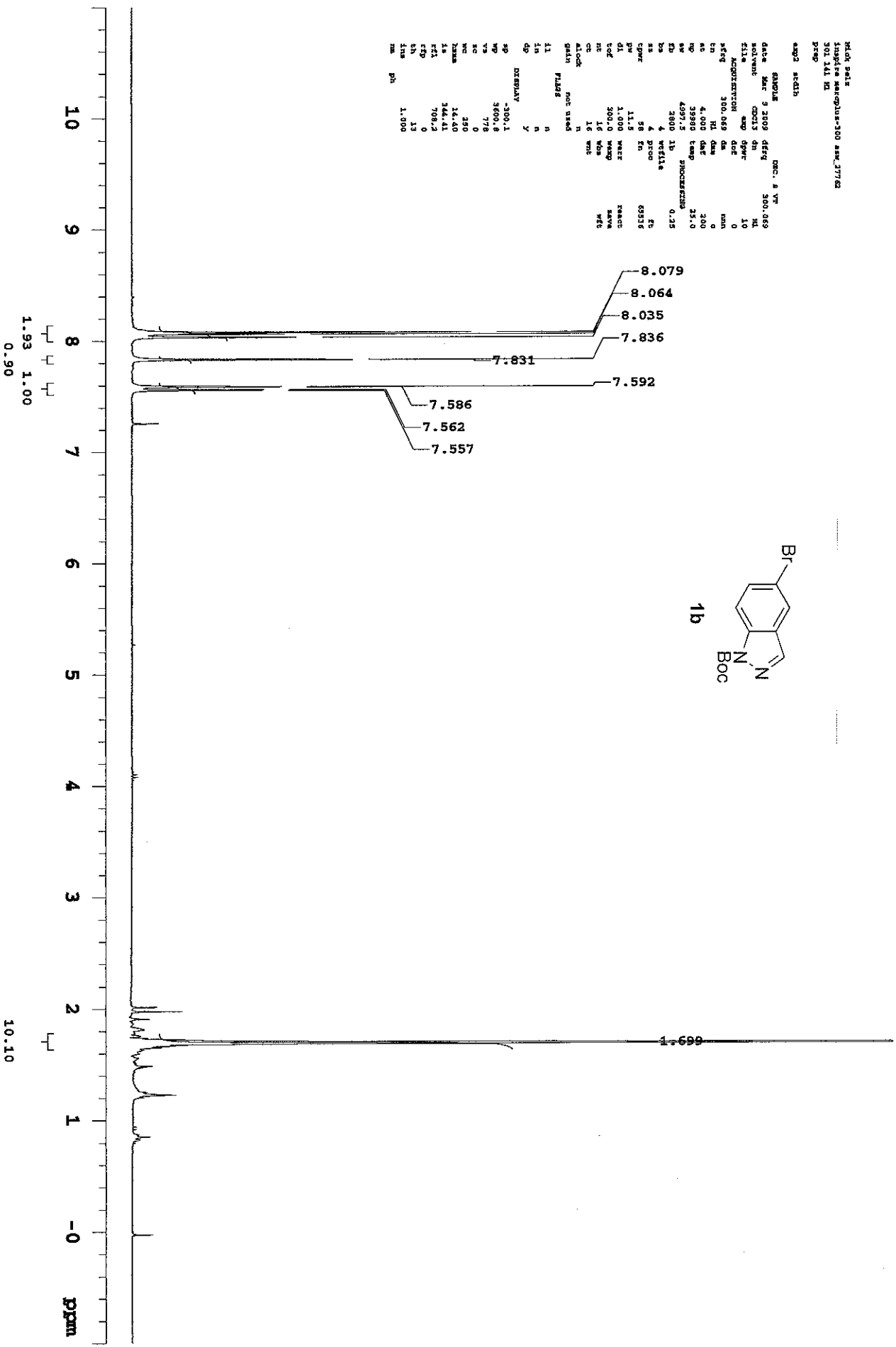
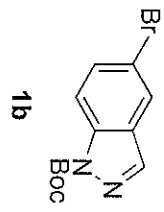


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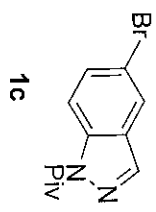
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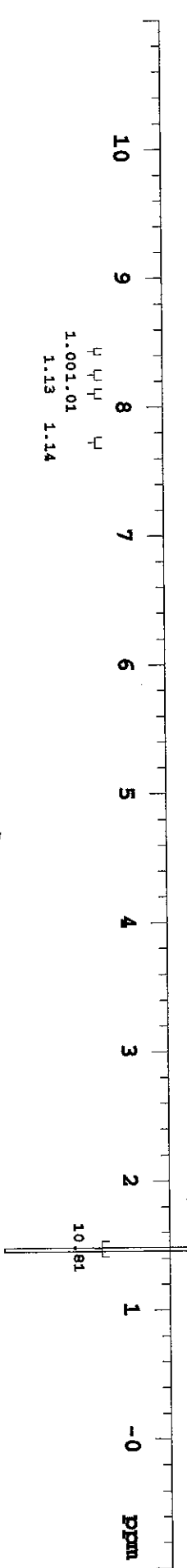
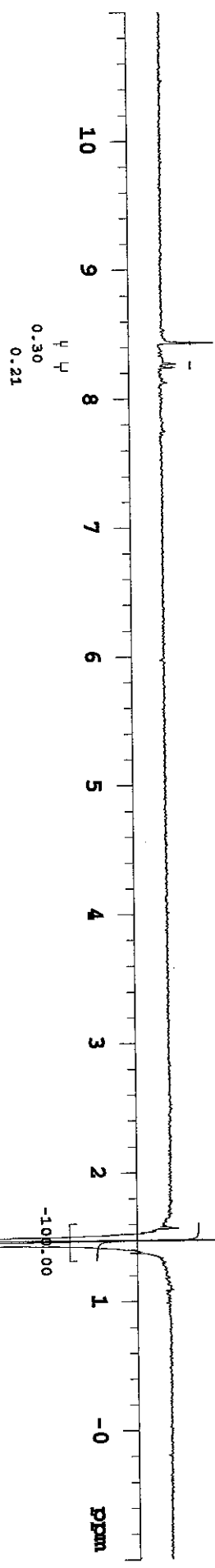


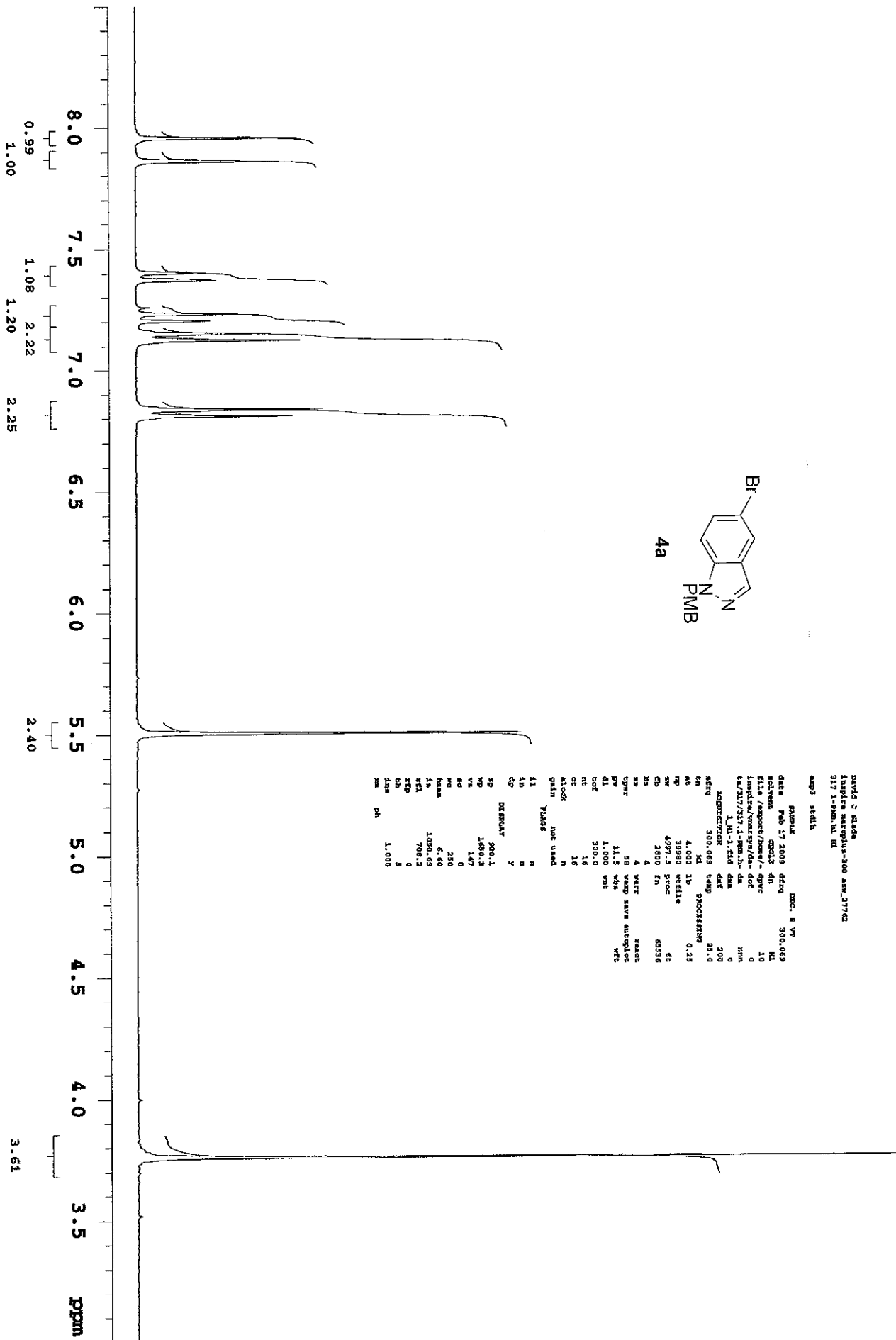
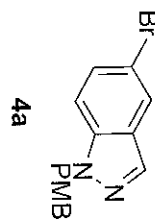
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Nick Pelz
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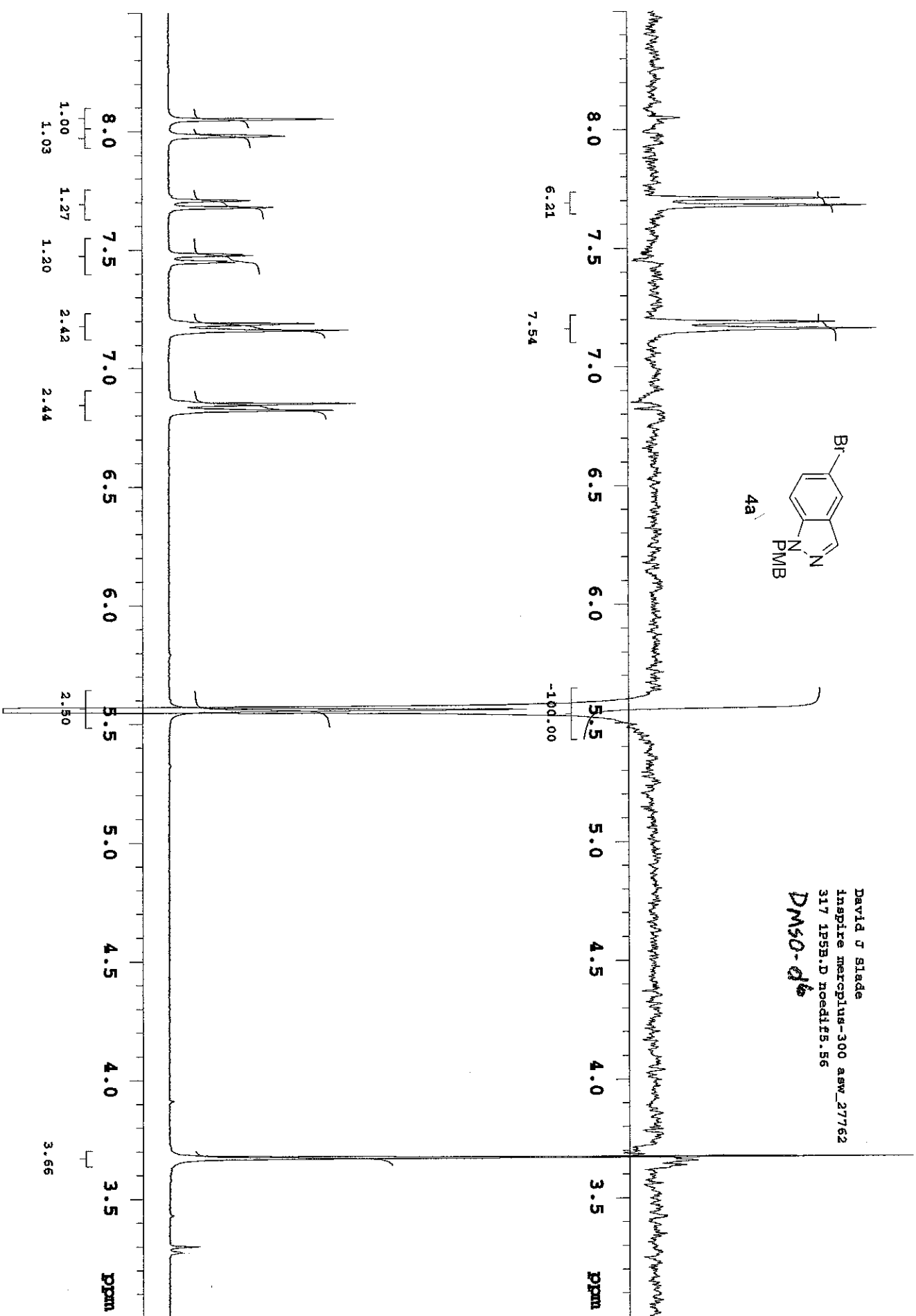
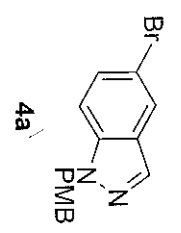
David J Elade
 Inspecia macropus-300 aw_37702
 217.1-99m.H1.H1
 exp3 scd1h

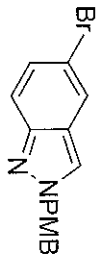
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 6/21/2009 11:1-99m.H1-9-
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 1.H1-1.fid dae
 0
 ACQUISITION: 200
 name: 300.059 camp
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 ch: 40
 4.00 1p PROCESSING: 0.25
 no: 39980 write
 sr: 4397.5 proc
 cb: 2800 fm 63356
 ba: 4
 as: 4 vert
 ac: 58 vexp save autoplac
 ap: 11.5 whz
 pw: 1.000 vnt
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 ph: 1.000

DESERVAT
 sp: 900.1
 wp: 1800.2
 va: 147
 wa: 250
 no: 6.60
 name: 1050.69
 la: 706.2
 kel: 0
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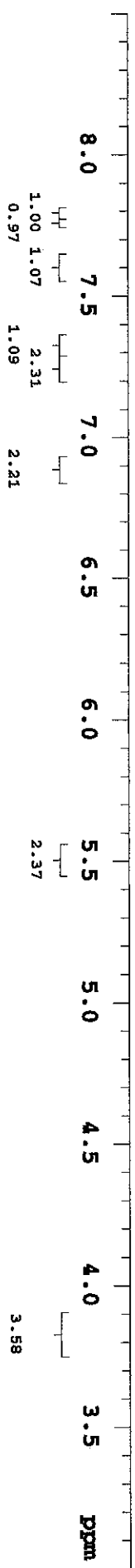
David J Slade
Inspire merckplus-300 asw_27762
317 1P5B.D noedit5.56
DMSO-d6

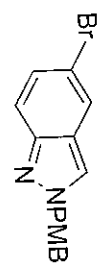




David J Gluck
 Inspecr macroplus-300 awk 17763
 217 258m.HL.HL

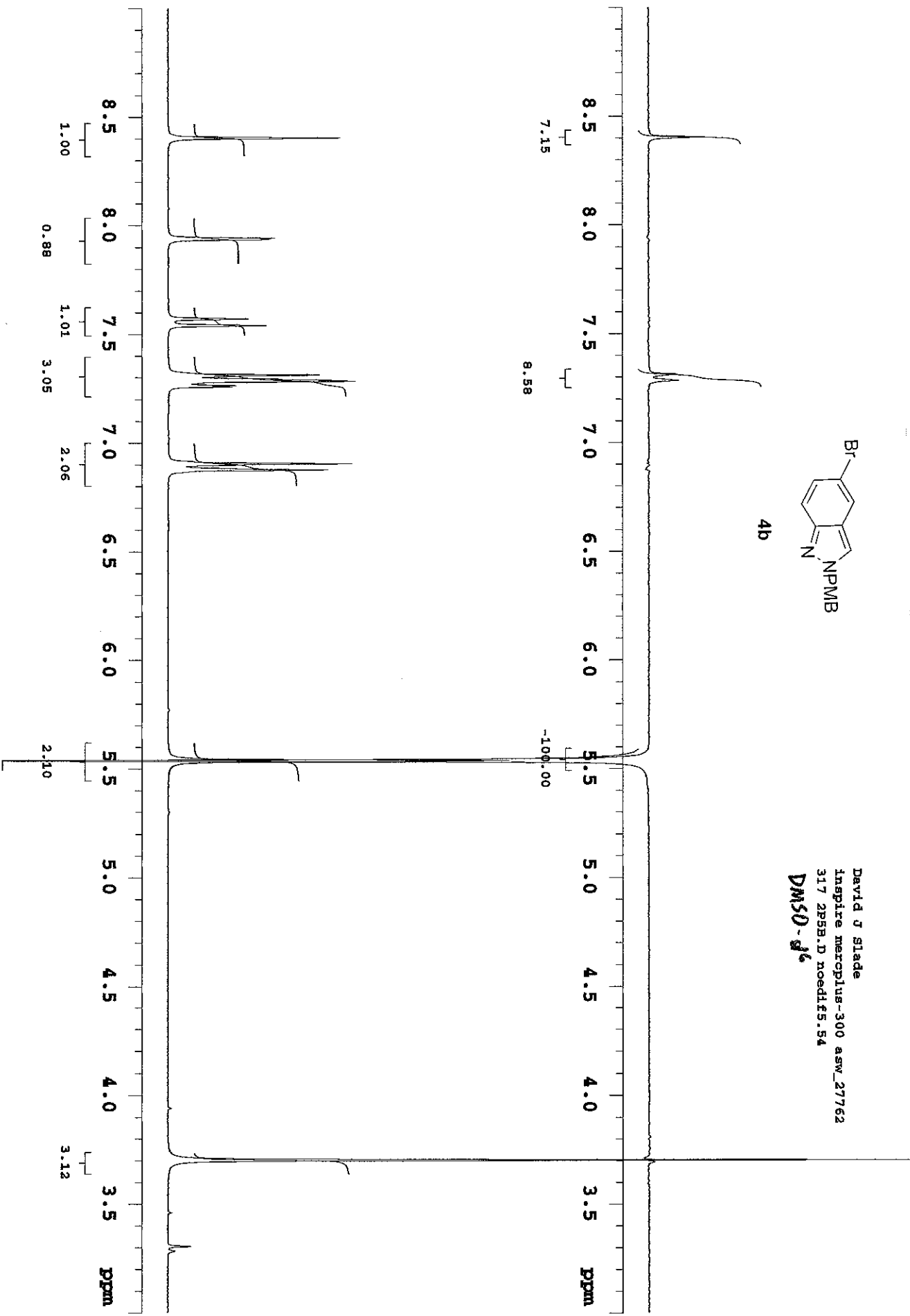
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 DATE Feb 18 2009 DEPT. 8 YR
 SOLVENT CDCl3 dn
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 _HL-1.214 daa
 C
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 CN 4.000 lb 30006900 0.15
 NO 13880 wflls
 SW 4597.5 proc
 CD 2800 fm 63316
 BA 4
 SA 4 water
 SGPR 38 WAGP SAVE AUTOPLAC
 PW 11.5 wds
 DI 1.000 WVC
 COF 300.0
 EC 16
 ET 16
 W/STANDARD
 GAIN not used
 FLMS n
 LI n
 LN n
 DP y
 DISPLAY
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 WQ 1630.3
 VQ 147
 XQ 240
 YQ 6.450
 ZQ 1050.69
 LA 708.2
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 PH 1.000



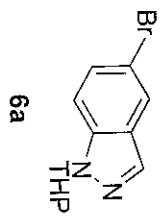


4b

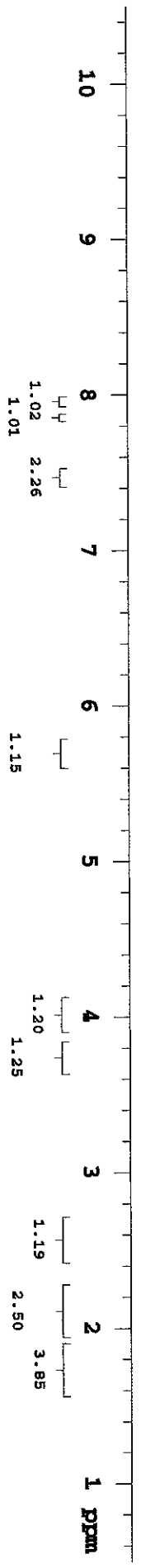
David J Slade
 Inspire meropius-300 asw_27762
 317 2P5B.D noedit5.54
 DMSO-d₆



David V Glade
 Jasplice_Mariposa-300.asw_21762
 317 1-10p, H1, H1
 1-10p

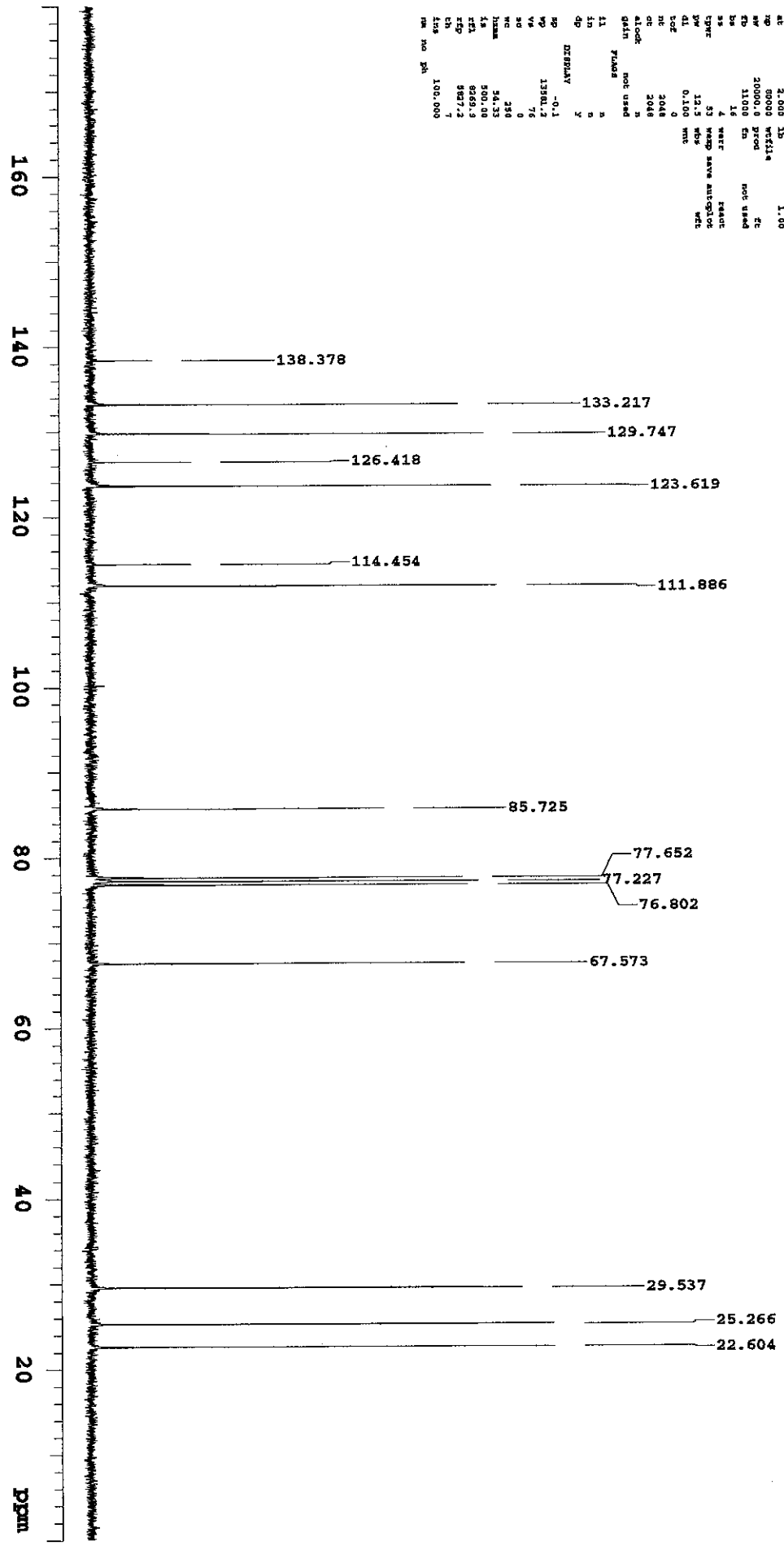
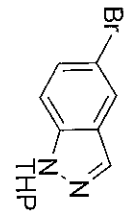


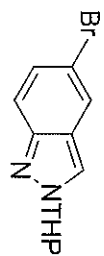
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 solvent: CDCl3 da
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 cw/317/317.1-10p.1-...
 1_H1-1-10p.daa
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 srg: 300,069 temp: 23.0
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 ac: 23299 wct: 6
 ap: 4297 st: 6558
 av: 2100 ft:
 ba: 4
 ss: 4 wct: reac:
 spwr: 58 vwap: save: autoplac: wct:
 plw: 11.8 vba:
 dl: 1.000 wct:
 toc: 300.0
 ut: 16
 ot: 16
 alock: not used
 gain: phase:
 il: n
 fm: n
 dp: y
 =====
 DZEWAV
 sp: 149.4
 mp: 3000.7
 vs: 45
 wc: 0
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 zma: 11.00
 rfi: 1562.97
 rfo: 798.2
 ch: 0
 ca: 5
 pha: 1.000
 na: ph



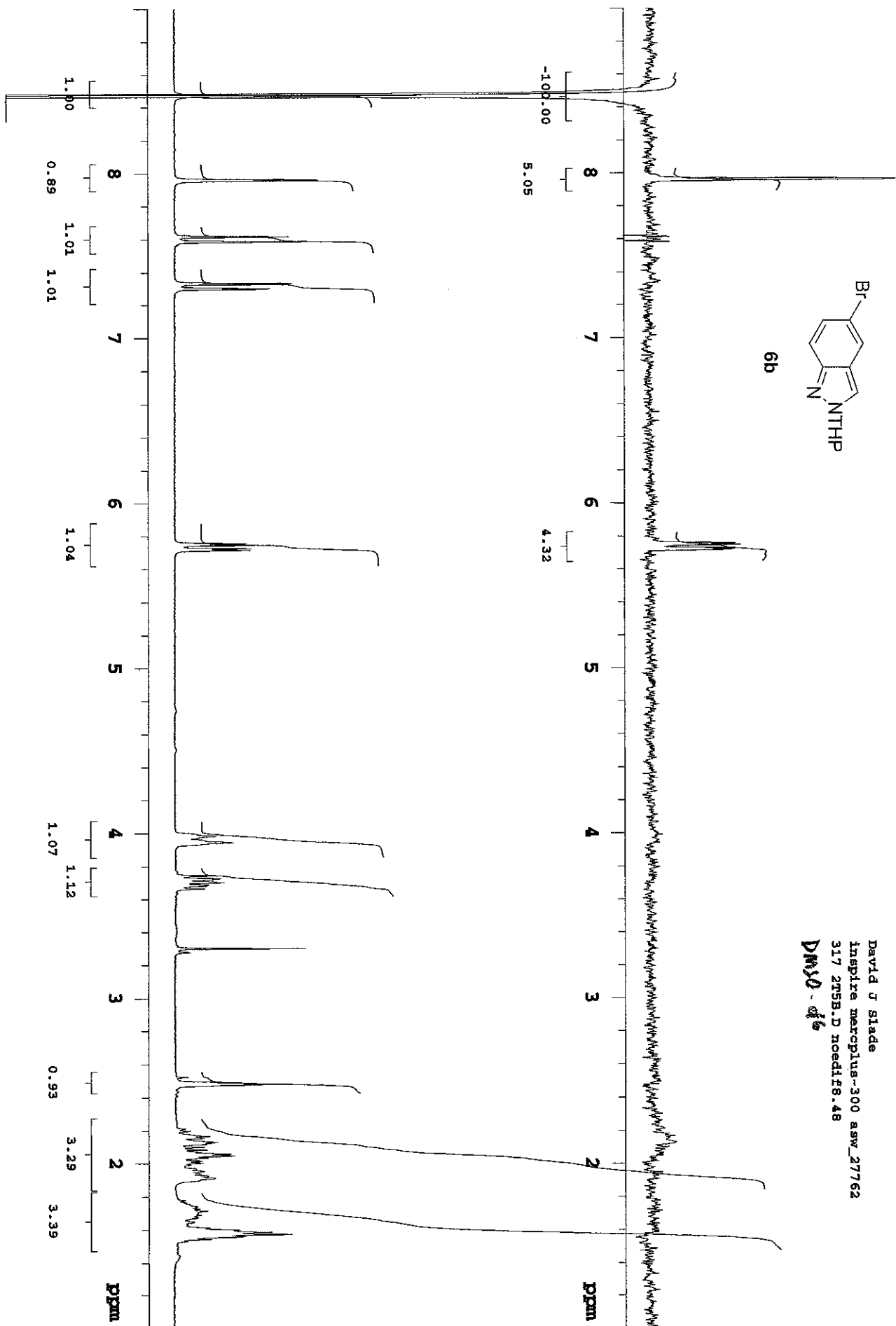
David v stáde
 Instrukce nastroju-300 awv_37782
 317 1-778D, d13 C13
 C13 1-778D
 exp1 scd130

SAMPLE# DEC. 8 '98
 DATE 760 17 2008 05:05 300.069
 SOLVENT: d13
 FILE /export/home/... 38
 INSTRUM/vnmrsw/4d- dot 0
 CW/17/317.1-778D-0-0a 377
 13_C13-1-778D 7200
 ACQUISITION 75.468 23.0
 STRY C13 7200
 IN C13 1.00
 AT 1.000 13 PROCESSION
 RG 50000 2314
 NY 200000 23
 BS 11000 16 not used
 AS 4 year react
 TYPE 53 vesp save autoplot
 DW 12.3 wds wft
 DL 0.100 wtc
 LOZ 0
 NT 2048
 OC 2048
 ALOCK not used
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David J Slade
 Inspire mercipius-300 asw_27762
 317 275B.D needifs.48
 DMSO-d₆

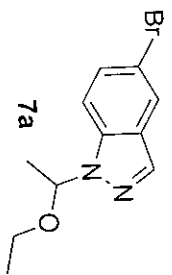
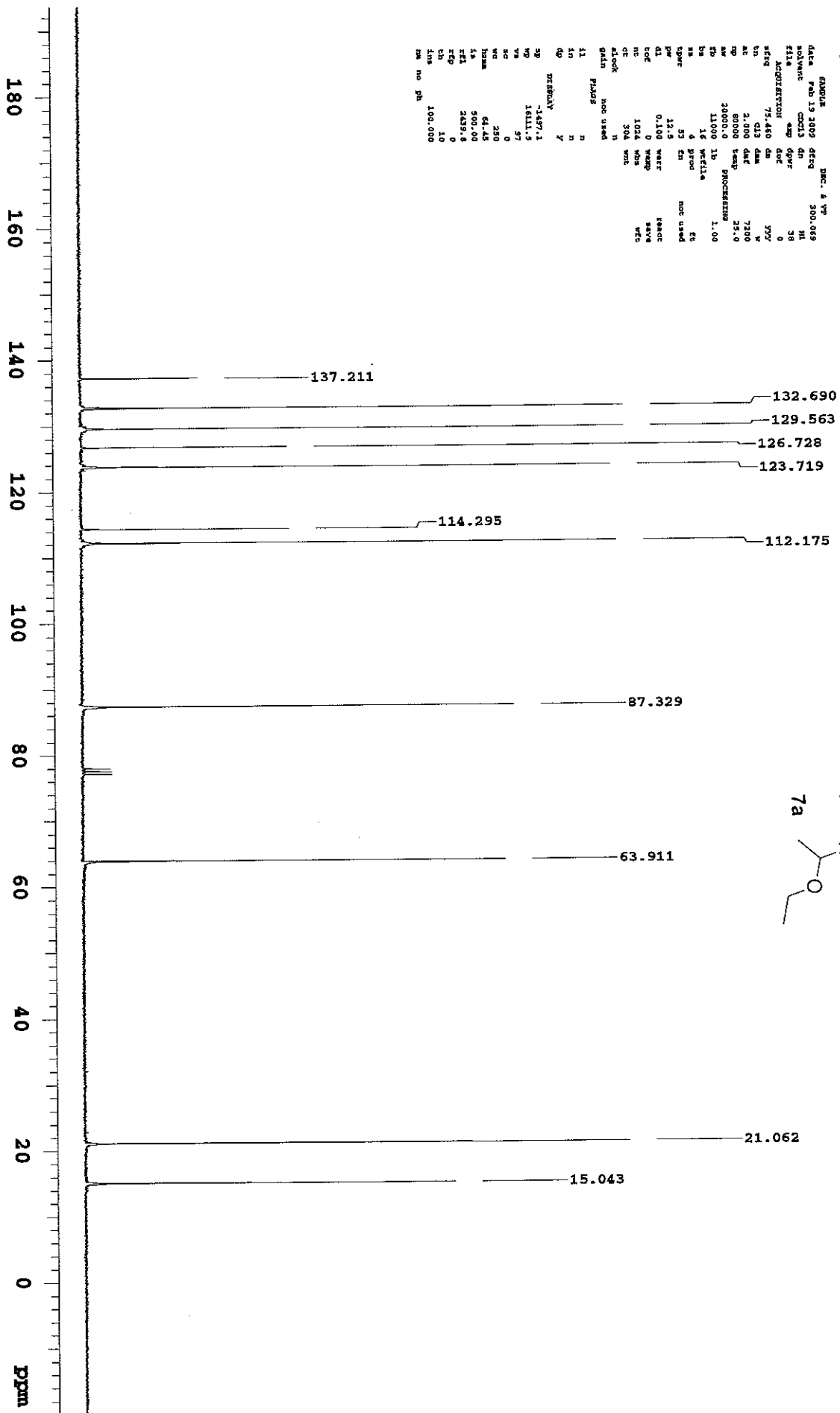


NMR Data
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 exp4 acq1h

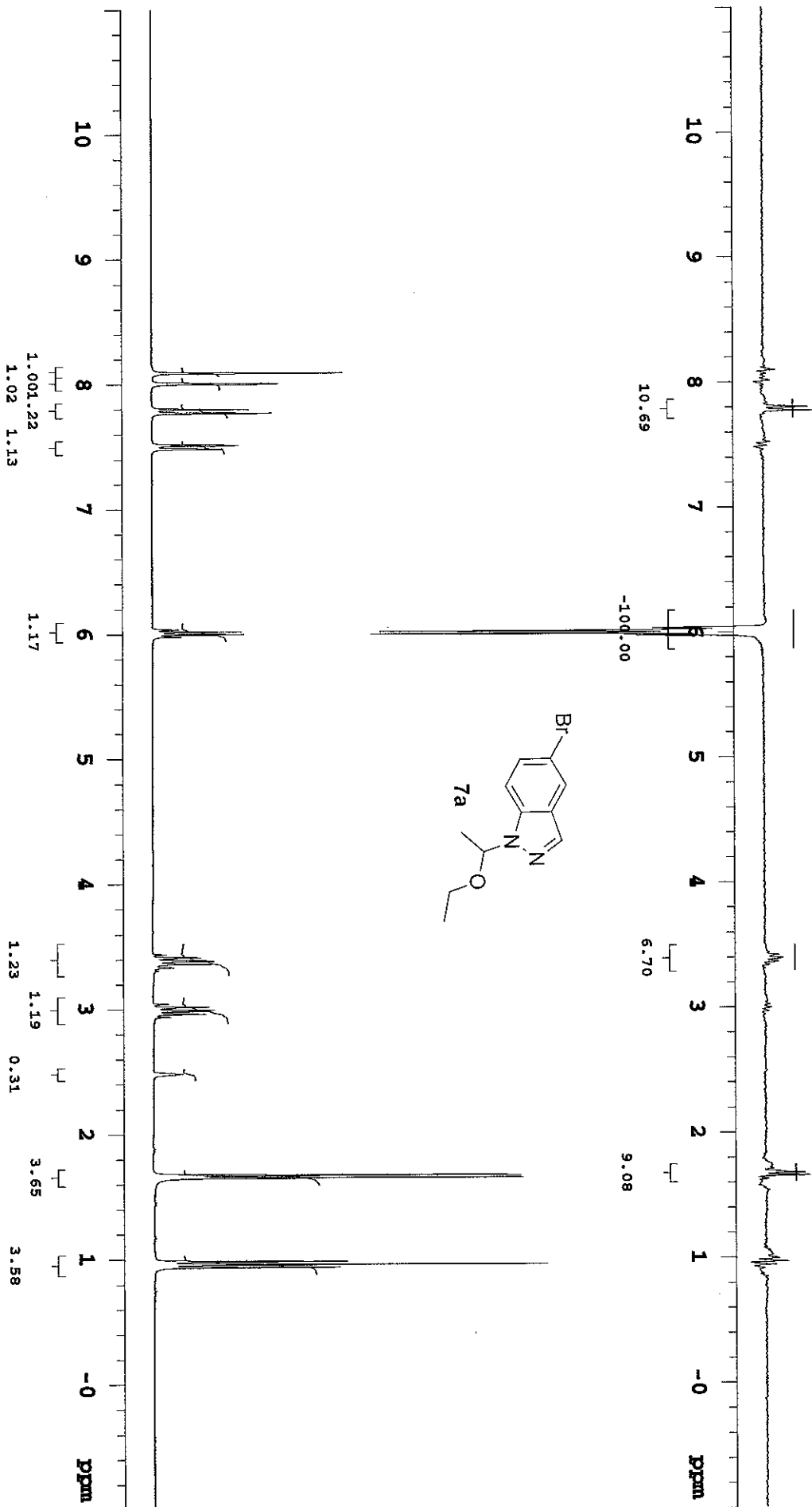
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 sa 4 proc
 sy 56 En 63536
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 tdf 300.0 warr sarr
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 d1312

RICH PAUL
 INSTITUTE MACROCHEM-300 NEW 2/7/73
 301 139 Q13
 CARBON

exp# 14113
 EXPOSURE
 DATE Feb 13 2009 DEFC 300.069
 SOLVENT CDCl3 dn HI 38
 FILE exp 409r 38 0
 ACQUISITION 60c 0
 SFRQ 75.460 dm 599
 CH Q13 dm W
 AC 2.000 dm 7300
 NP 2000.0 temp 25.0
 PR 3000.0 temp PROCESSED 1.00
 BS 11000 15 WETELA
 AS 4 gprod ES
 CPWR 53 En noc used
 PW 12.5 RANC
 Q1 0.100 WERT RANC
 RCF 0 WARP RAVE
 HC 1024 WDS WFS
 OE 304 WMS
 alook n
 gain noc used
 P122 n
 I1 n
 IN n
 dn y
 ZERNAV
 SP -1497.1
 WP 1611.5
 VS 57
 WC 0
 WD 230
 YAMA 44
 YAMA 508.00
 Y1 2439.8
 Y2 0
 Y3 10
 Y4 100.000
 Y5 no pt

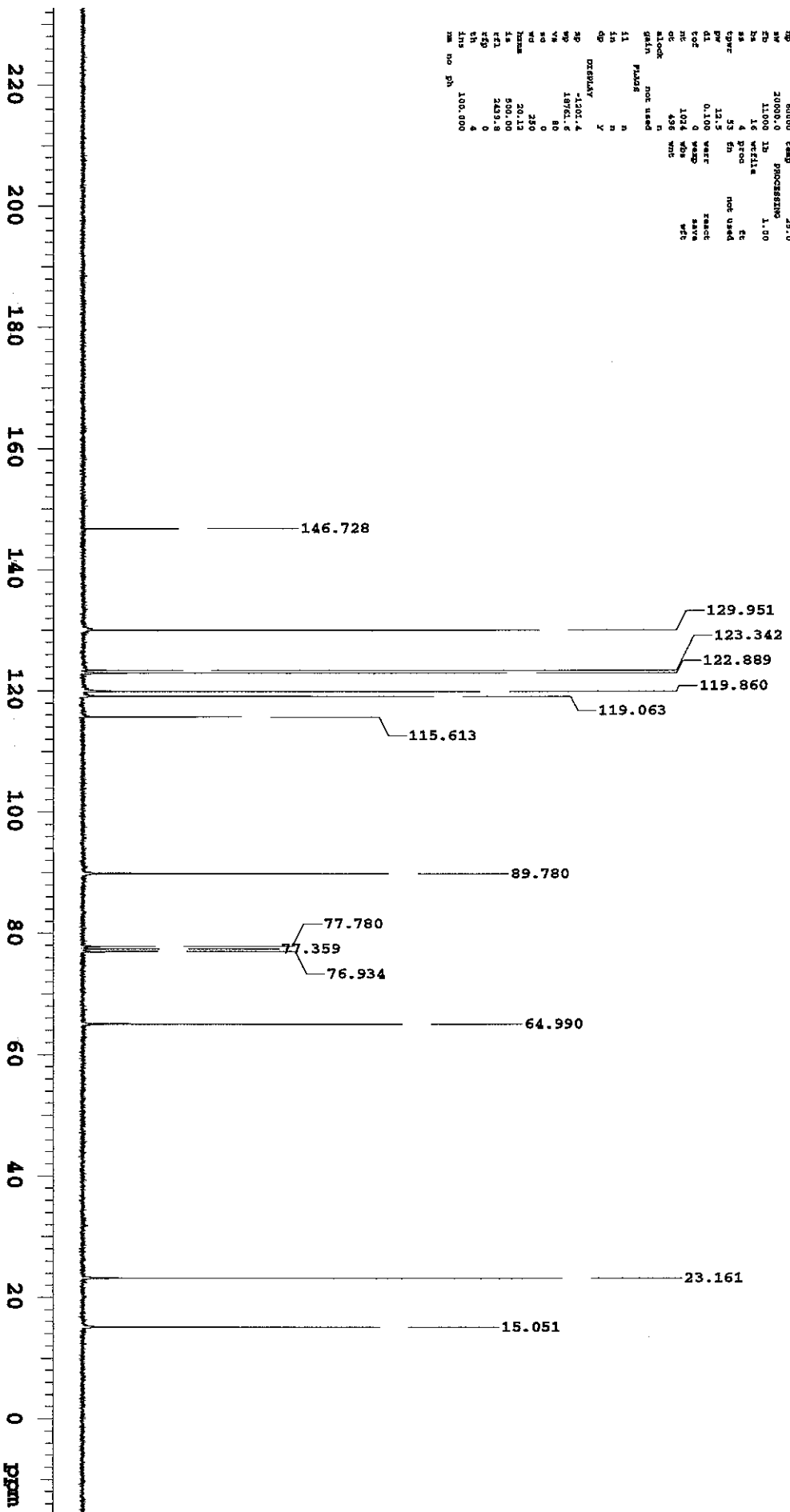
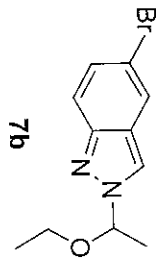


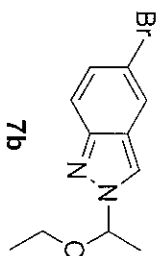
Nick Peiz
inspire mercury-300 asw_27762
301 138 noedit6.00
DMSO



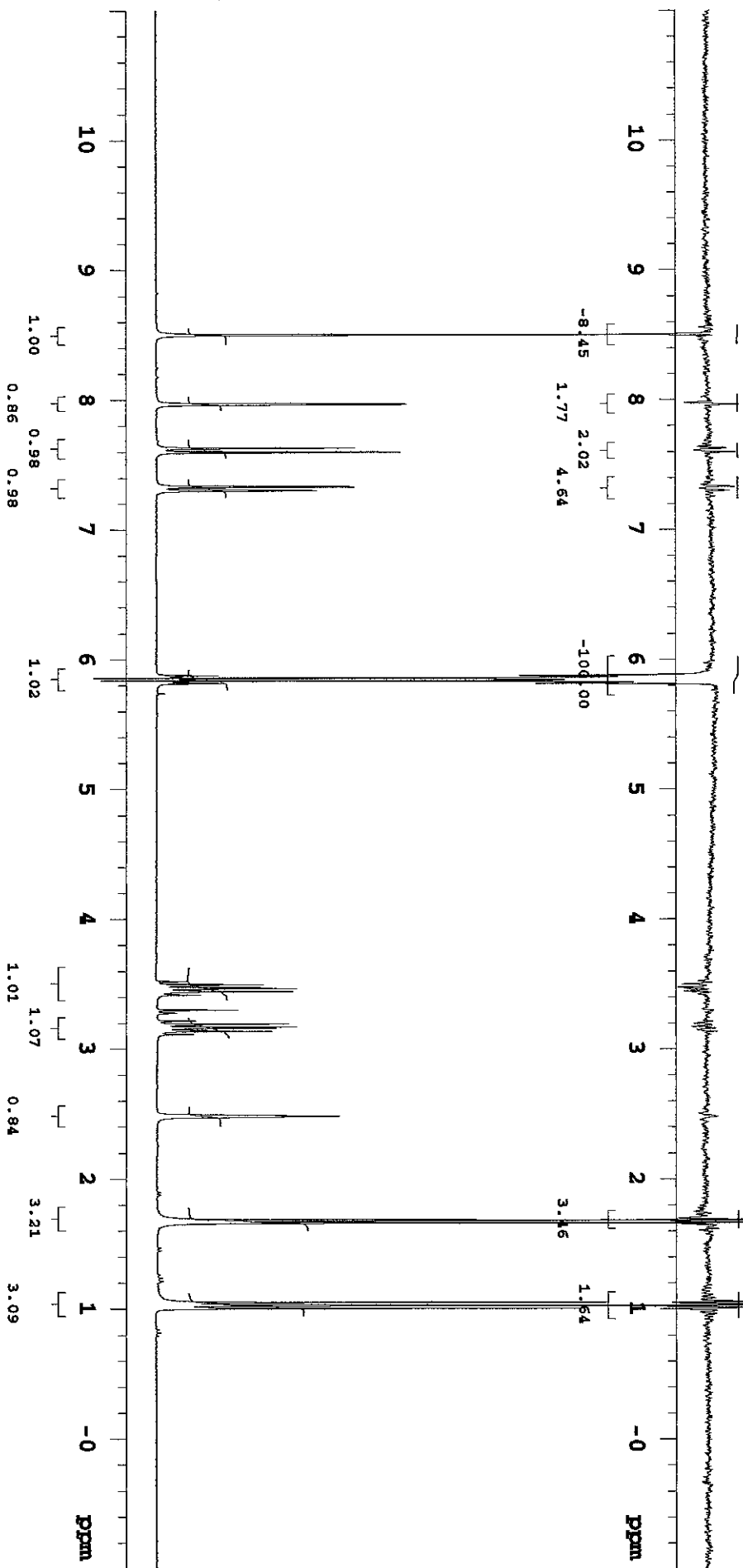
HMRK PA11
 Inquire sample=300 MW_27762
 301.163 cl13
 carbon

exp2 solidc
 EPOXIDE
 date Mar 6 2009 08:14 300.069
 solvent CDCl3 dm H1
 F1A exp dprv 38
 ACQUISITION exp dof 0
 refc 75.460 dm 77.7
 tn cl3 dm w
 ac 2.000 dm 7200
 sp 20000 temp PROCESSING 32.0
 ep 20000 11000 1s
 bs 16 vertla 1.50
 as 4 proc tc
 tprv 53 fm not used
 pw 12.5 react
 dl 0.100 veat save
 tcf 0 vexp wfc
 nr 1024 vbr
 or 436 vms
 block not used
 statn placn n
 f1 n
 fn n
 dp y
 DREXWAY
 sp -1201.4
 wp 18761.6
 vn 80
 wq 0
 wv 250
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 f 500.12
 rfl 2439.8
 rfo 0
 th 4
 lns 100.000
 nm no ph



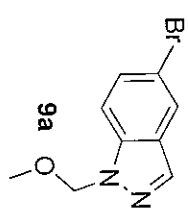


Nick Peiz
 Inspire mercplus-300 asw_27762
 301 162 noedif5.98
 DMSO

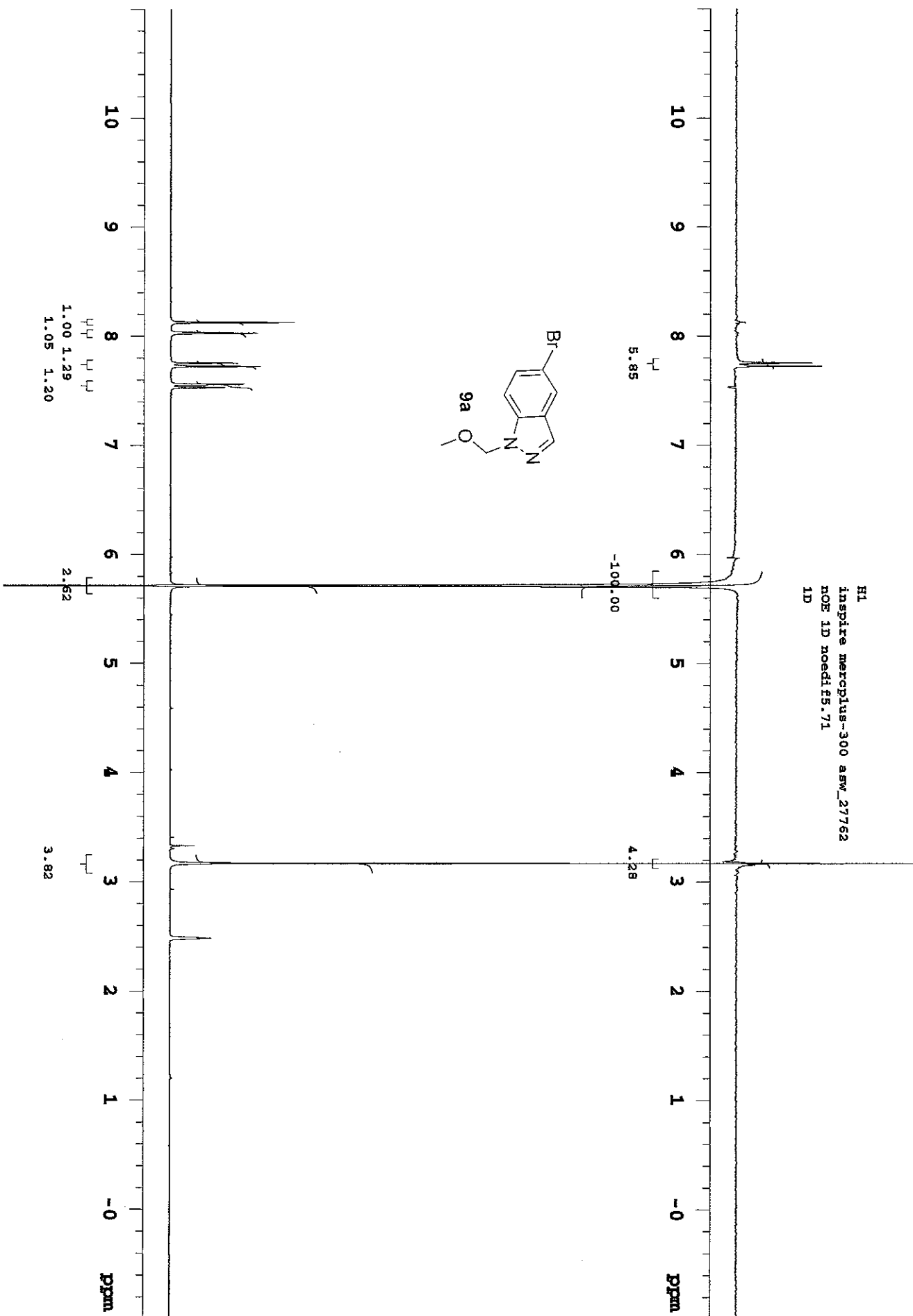
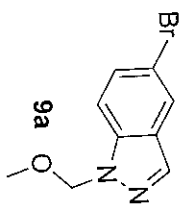


MCD Peak
 Inspire macqplus-300 aww_37762
 304.133 Cl3
 Top Spot
 Carbon

emp3 844130
 648016
 data: raw 25 2009 dfreq 300.069
 solvent: CDCl3 dm HL
 file: emp dpar 38
 MODIFIED: dot 0
 at: 79.466 dm JTY
 en: C13 dm W
 ac: 2.000 dm 7200
 ap: 80800 read INCREMENT 25.0
 av: 20000.0 1p INCREMENT 1.00
 f2: 11016 wfile
 f3: 4 proc
 f4: 53 in not used
 f5: 13.5
 di: 0.100 react
 tof: 0 wexp save
 ni: 1024 wba wfc
 cc: 624 vob
 alock: not used
 gain: not used
 phase: n
 l1: n
 l2: n
 l3: n
 l4: n
 l5: n
 l6: n
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 mm no ph



H1
inspire meropius-300 a5w_27762
NOE 1D noedi f5.71
1D

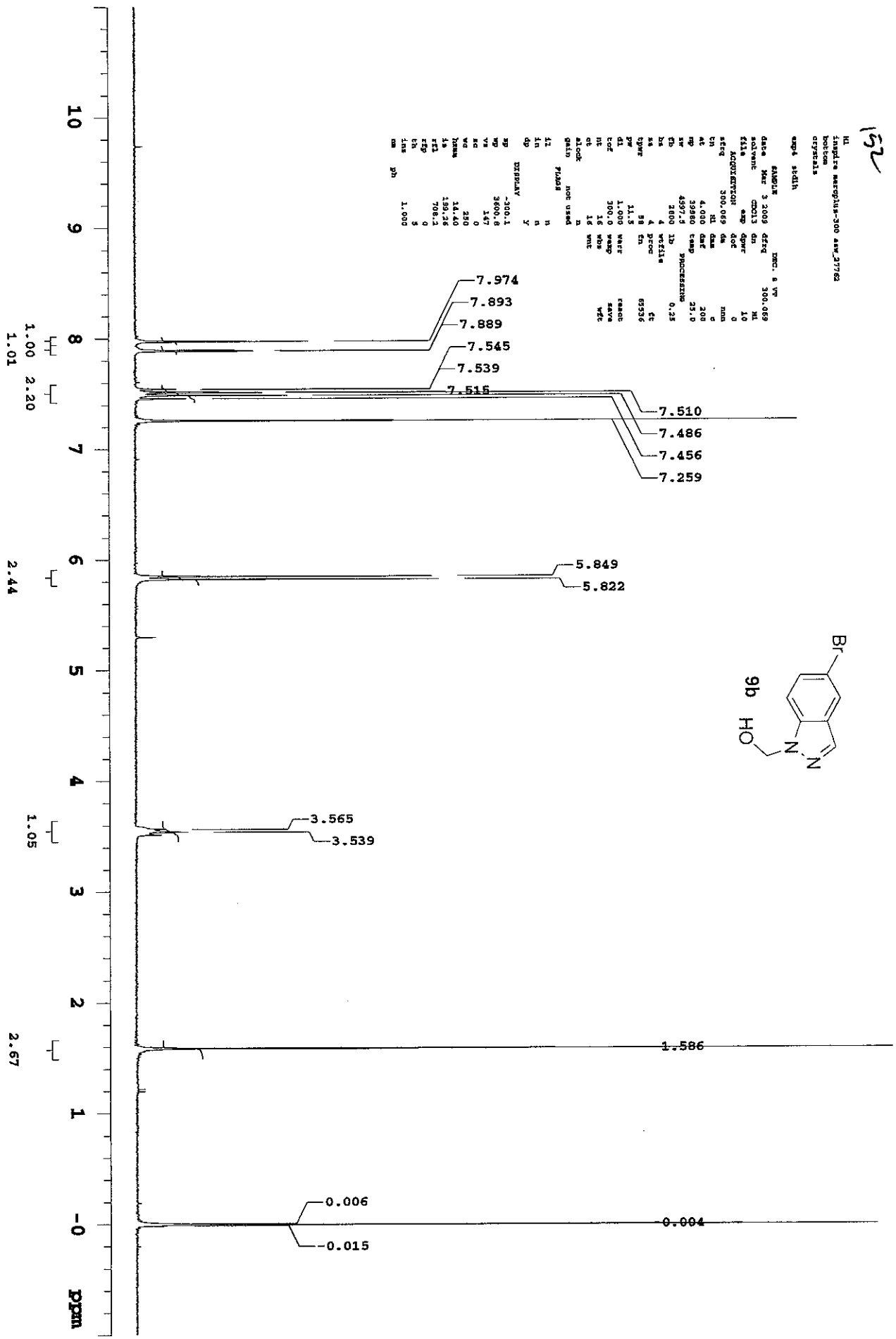
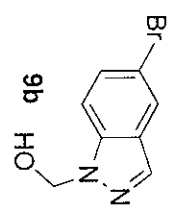


152

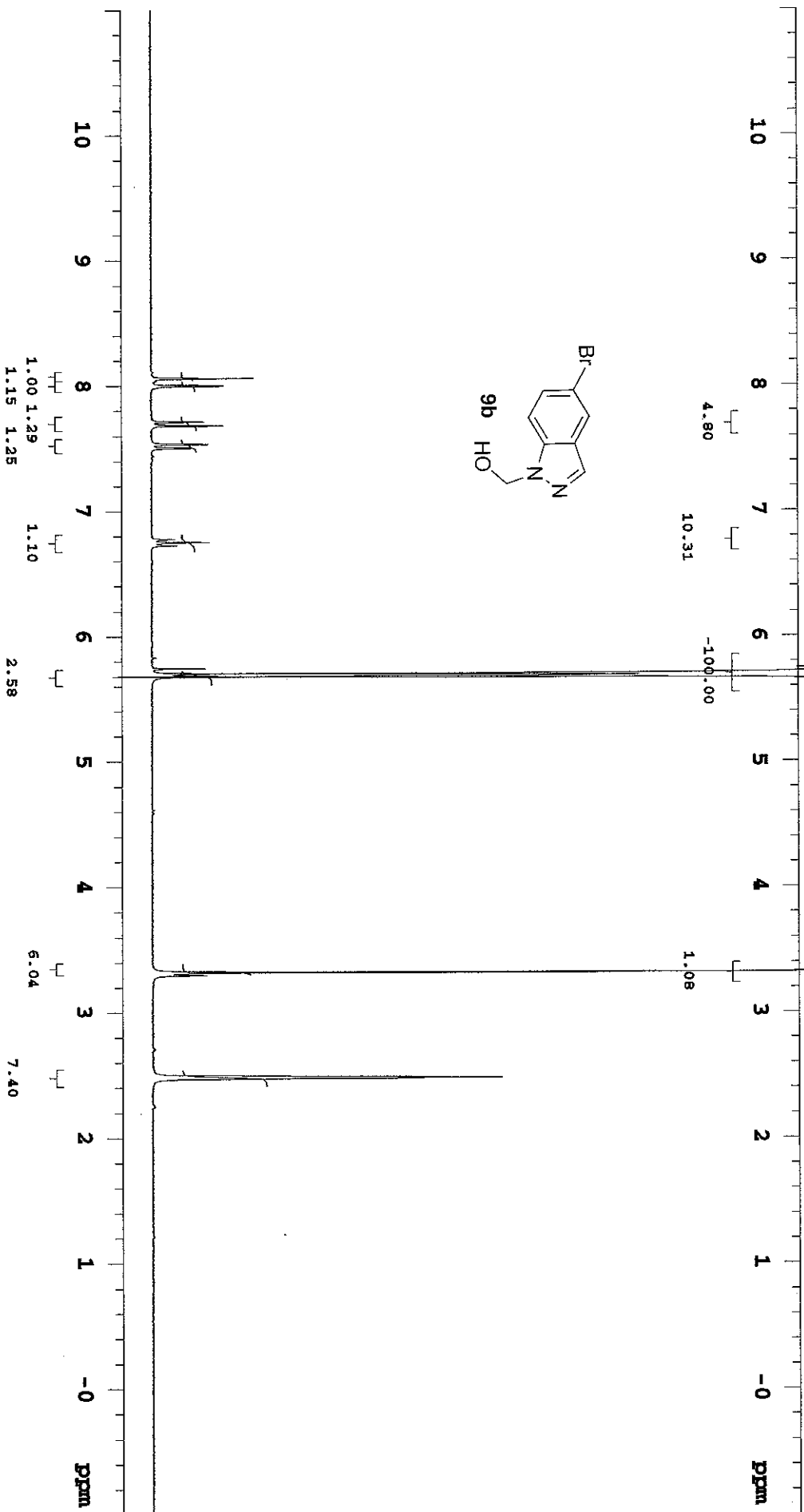
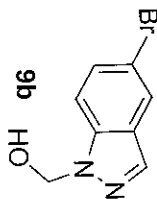
HL
Inspirin meangplus-300 aw_21762
Bottom
CPYRENALS
exp: 10/11

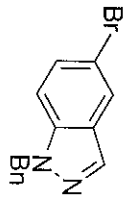
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date: Mar 3 2009 dtime: 300.059
solvent: CDCl3 cu: ML
file: exp.dpr 1.0
ACQUISITION: 40c 0
freq: 300.069 MHz
CH: H1 GAN
AT: 4.010 GPC 200
RG: 33980 CAMP 25.0
SR: 4597.3 IN PROGRESSIVE 0.25
CS: 2800 IN 4.000
SA: 11.5
SOLV: 58 EN 65736
PW: 11.5
DI: 1.000 WERT
LOF: 300.0 WEXP
HT: 16 WBS
OT: 16 WTC
ALOCK: IN
GAIN: not used
FID: not used
IN: N
DN: Y
DISPLAY: Y

MP -300.1
WP 3600.8
VA 147
VC 0
WG 230
IRMS 18.40
IS 159.26
FID 708.2
SOLV 3
LINE 1.000
UN 30



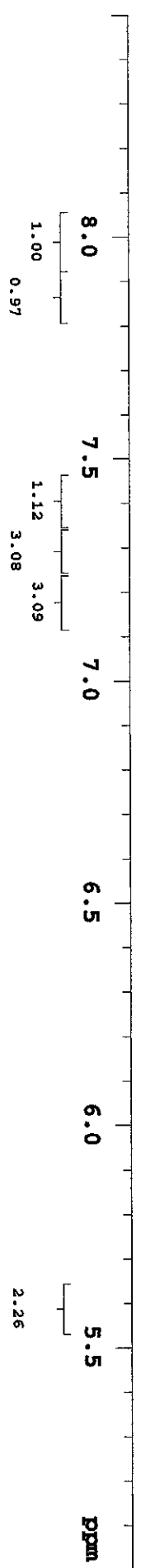
Nick Pelz
inspire marcpplus-300 asw_27762
301 152 noedit5.75
DMSO





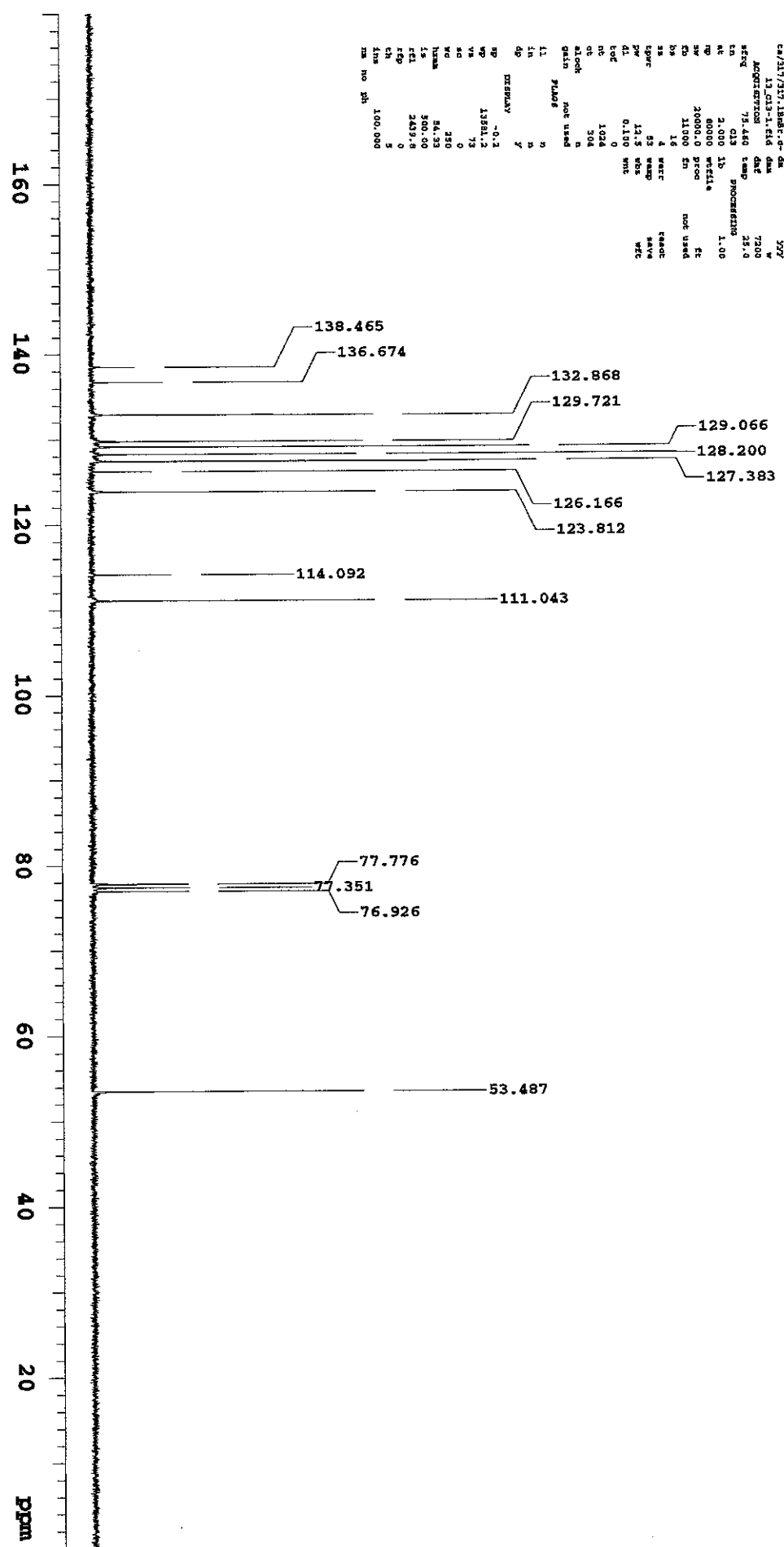
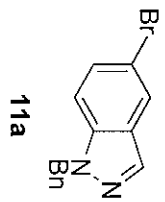
David J. Glavin
 Sample name: 11a-300
 117 1888-18 18
 exp4 set13

DATE: Feb 15 2005
 TIME: 4:00:15
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 INSTRUMENT: spect
 PULPROG: zgpg30
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 F1: 125.760
 SFO: 300.136
 SF: 300.136
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 AV: 1.00000000
 AT: 1.00000000
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 BB: 1.00000000
 BC: 1.00000000
 BD: 1.00000000
 BE: 1.00000000
 BF: 1.00000000
 BG: 1.00000000
 BH: 1.00000000
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 BL: 1.00000000
 BM: 1.00000000
 BN: 1.00000000
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 BP: 1.00000000
 BQ: 1.00000000
 BR: 1.00000000
 BS: 1.00000000
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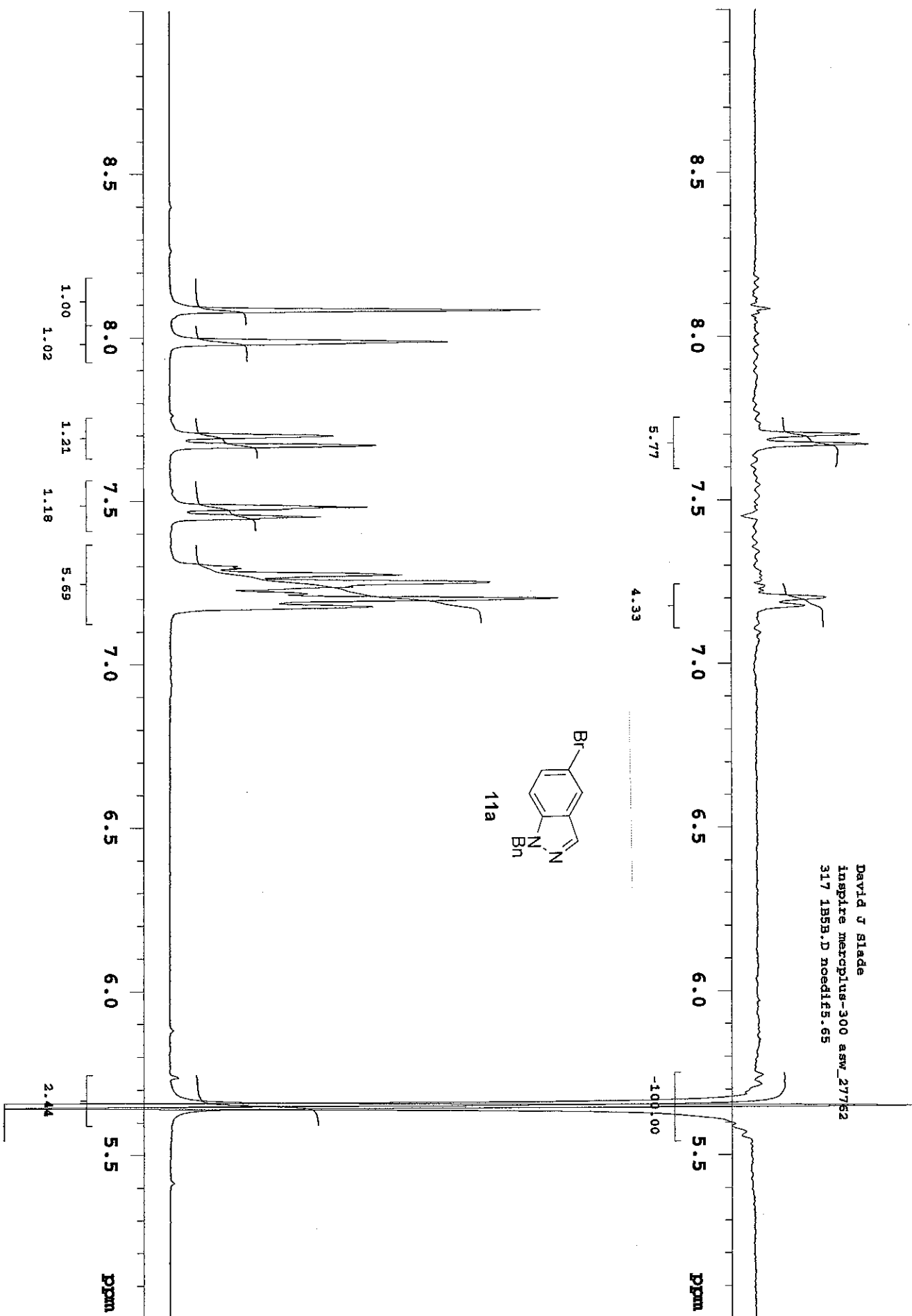


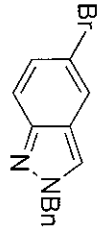
DAVID J GARD
 1mpulse magnetus-300 asw_27762
 317 1bmh.c13 c13
 exp4 mcd13a

NAME 13C
 FILE 13C13.D
 PROCESSED 13C13.D
 DATE 12/17/87
 TIME 14:14
 INSTRUM spect
 PULPROG zgpg30
 AQUIRE 128
 F2 125.76
 F1 300.135
 AQC 128
 SFO 128
 AQ 128
 SI 128
 SF 128
 EX 128
 SC 128
 SD 128
 SS 128
 ST 128
 SV 128
 SWH 128
 FWH 128
 AWD 128
 HZ 128
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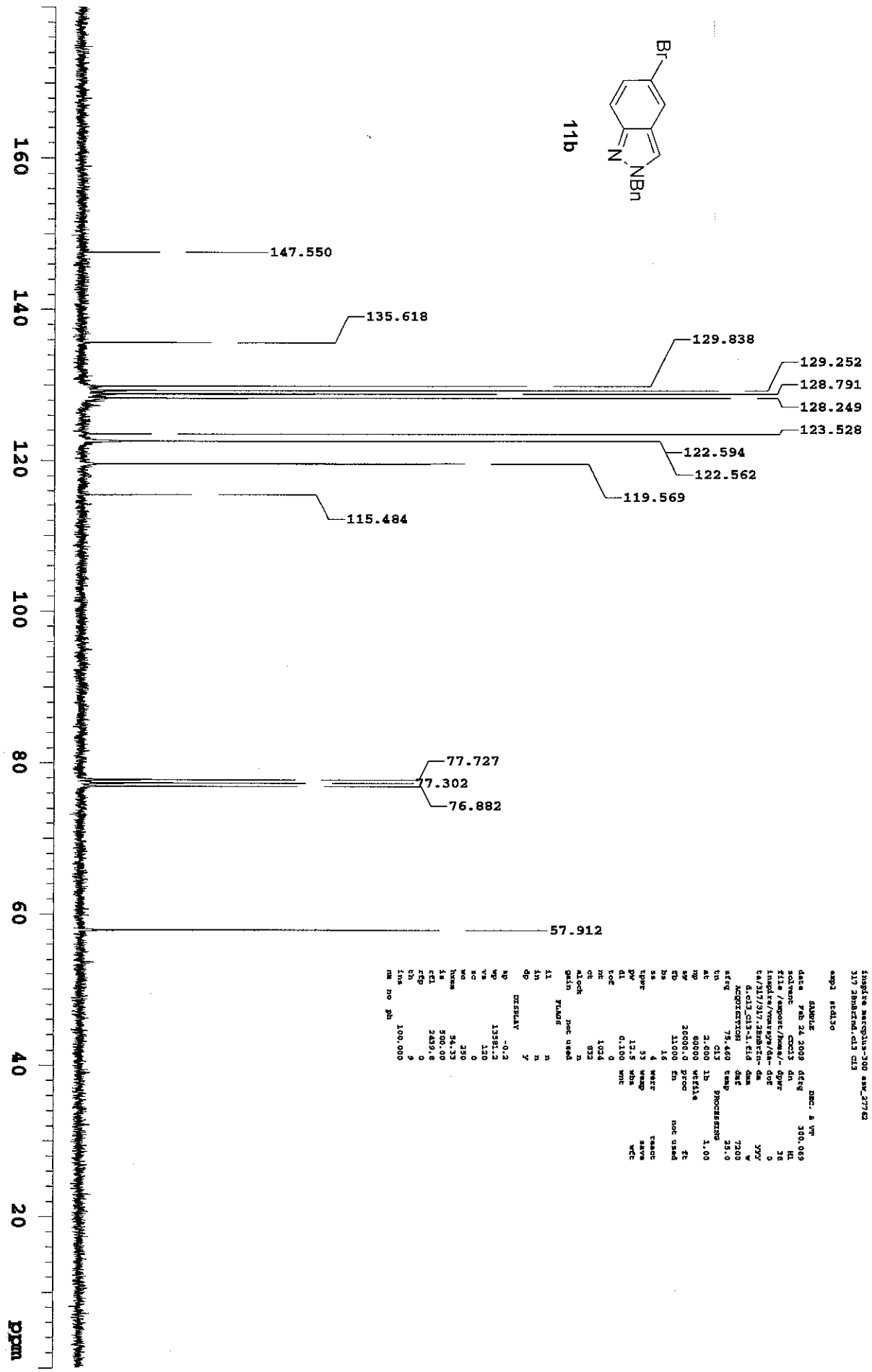


David J Slade
inspire mercuryplus-300 asw_27762
317 1B5B.D noedit5.65





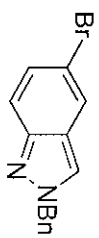
11b



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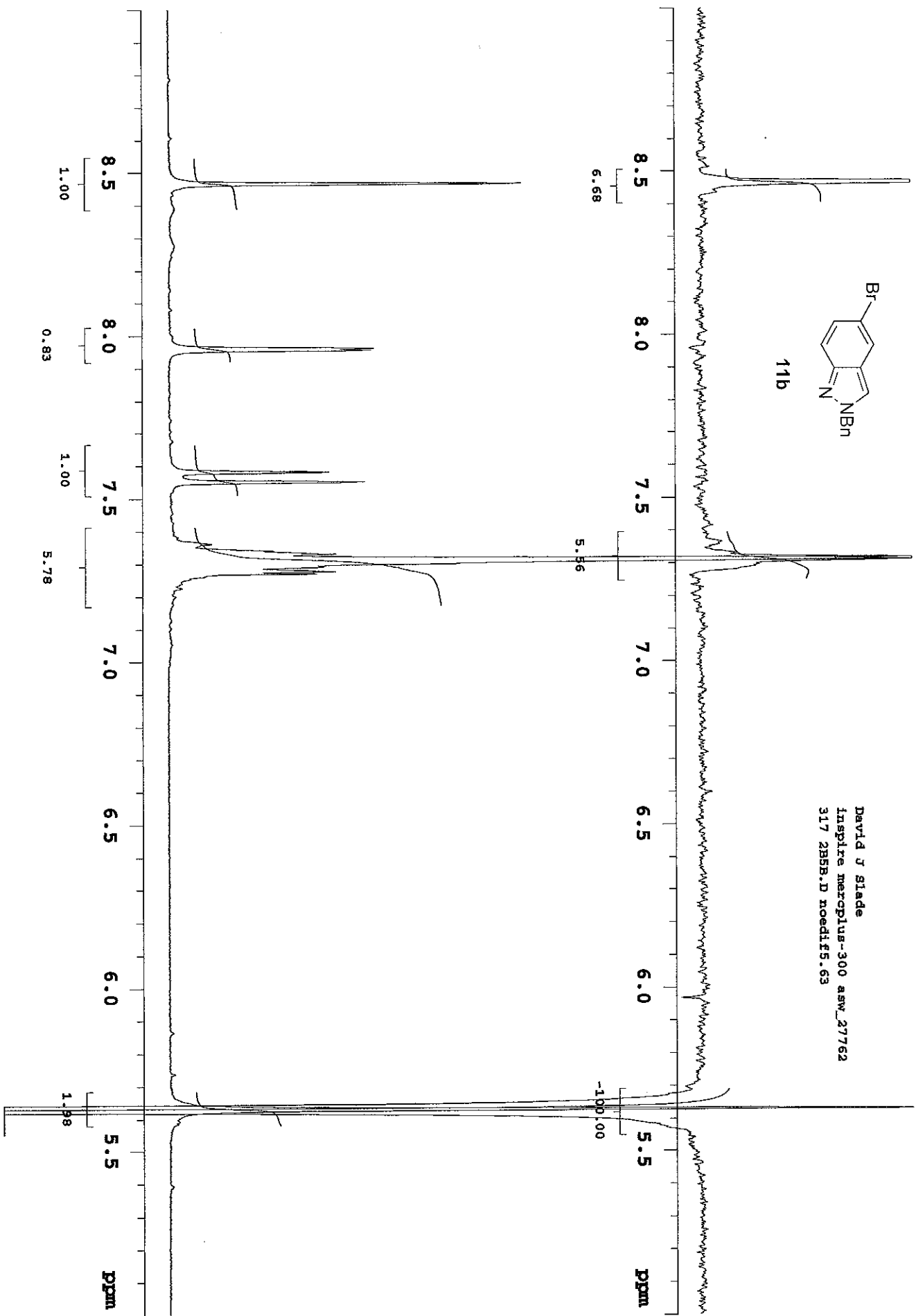
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PROCNO: 1
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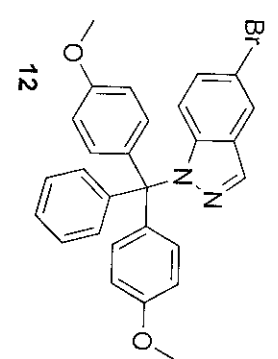
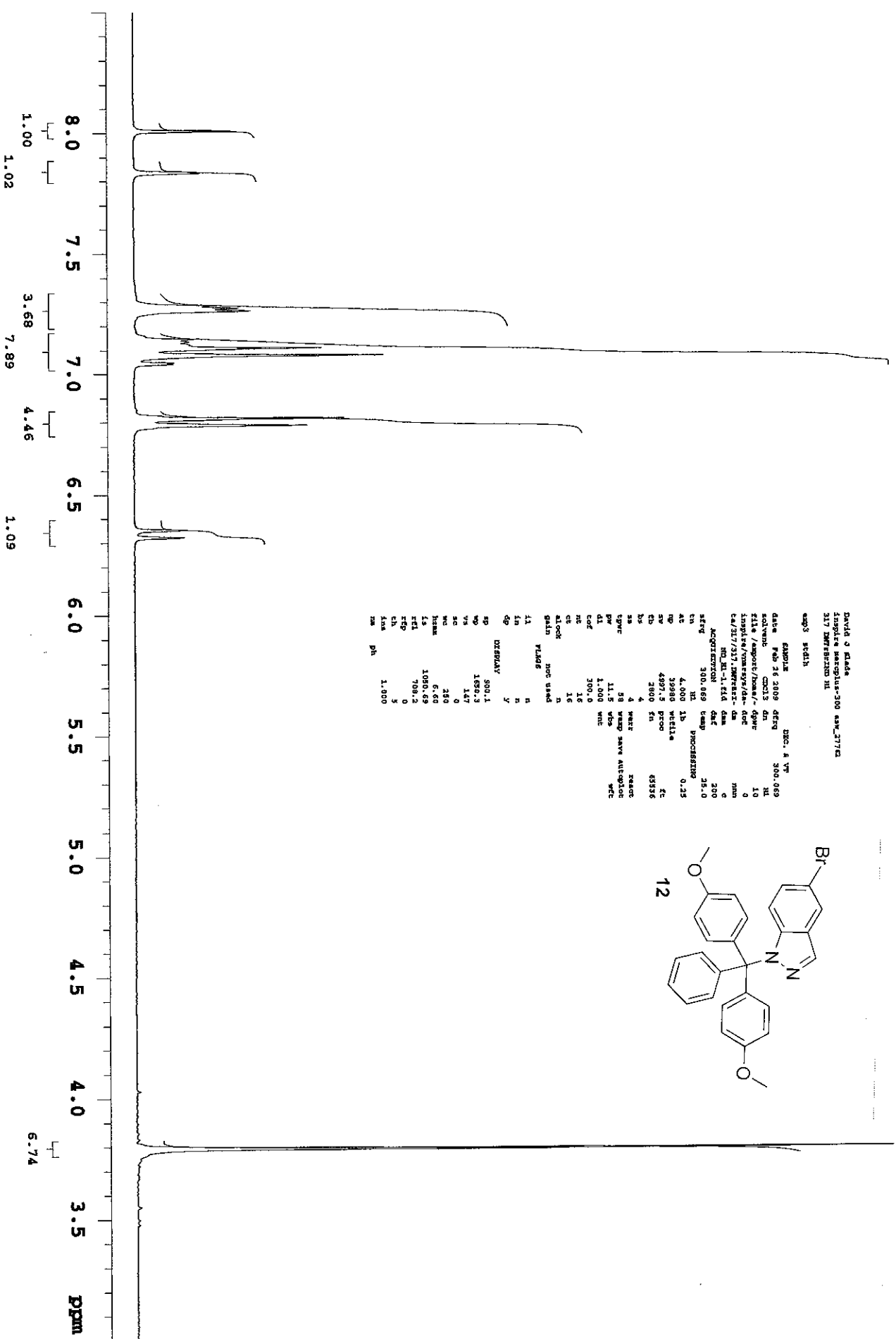
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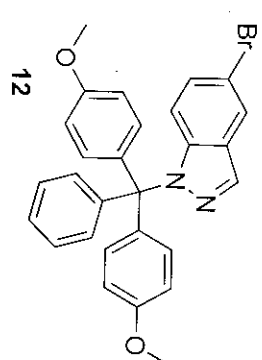
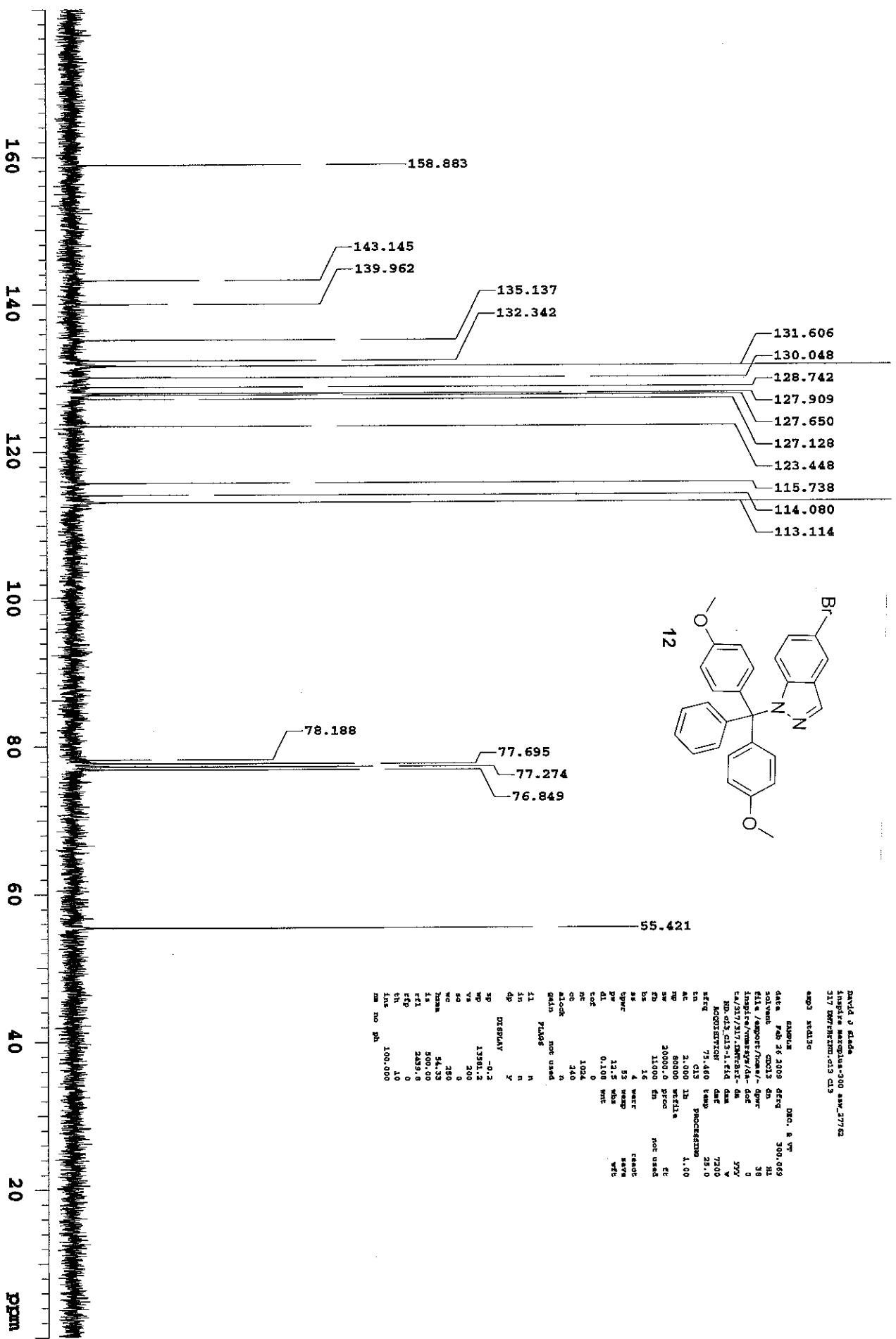


11b

David J Slade
Inspire mercuryplus-300 asw_27762
317 2B5B.D noedit5.63



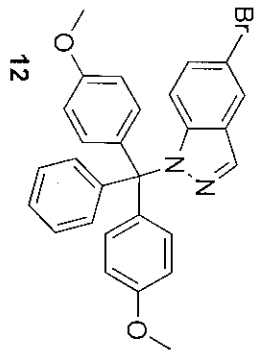




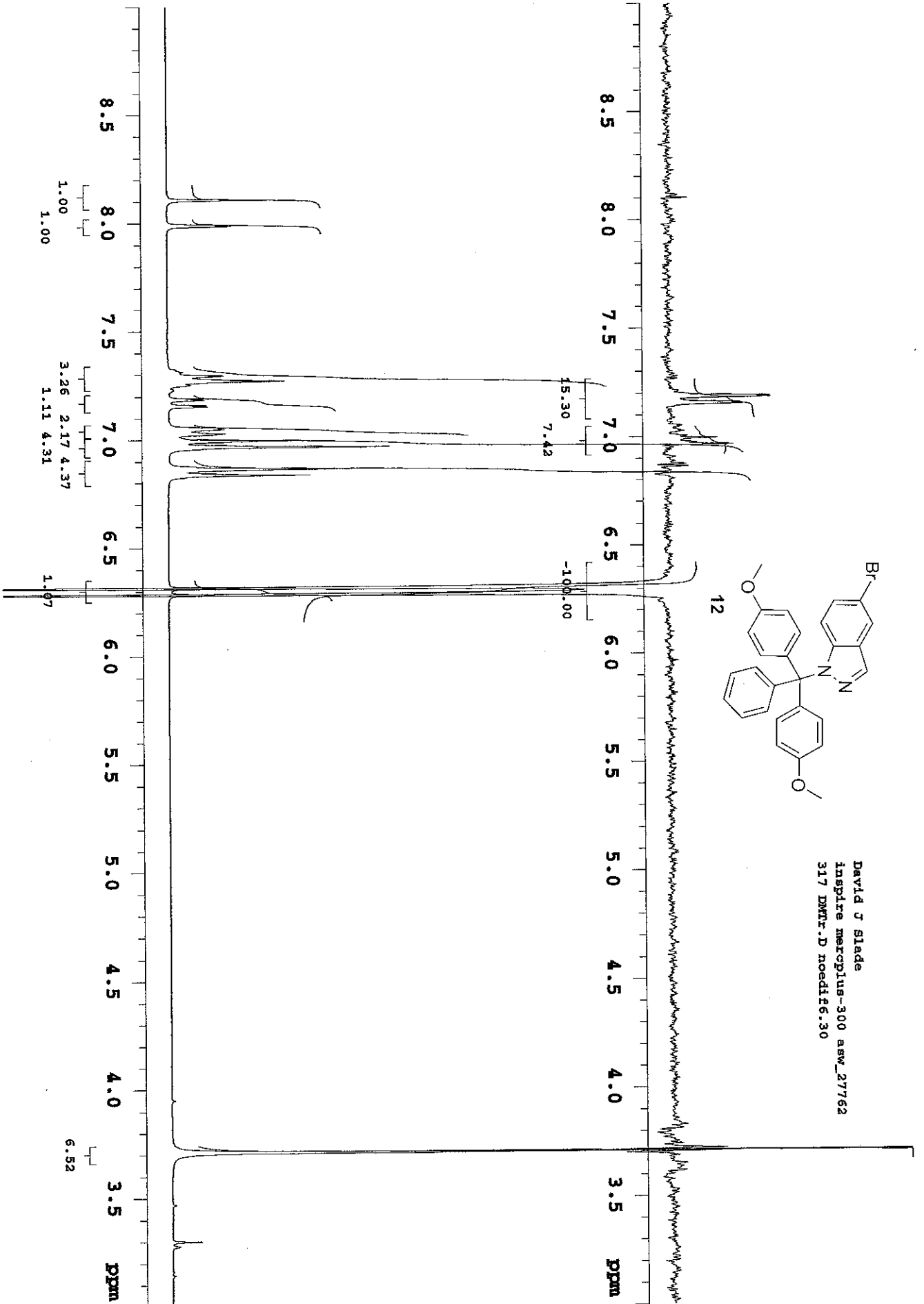
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 exp: 12113

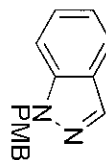
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 LA: 2017/11/13.DMFBK12-04
 NO: 013_013-1.1310 dm
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 PROCESSED: 77.460
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 NP: 60000 wfile
 SW: 20000.0 spec
 F2: 11000 fm
 BS: 16
 AS: 4 warr
 QPC: 53 warr
 DW: 13.5 wds
 DI: 0.100 vnt
 SFO: 1024
 CH: 340
 ALOCK: not used
 GAIN: not used
 F2ASS: not used

DESI: -0.2
 NP: 13501.2
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 LMS: 100.000
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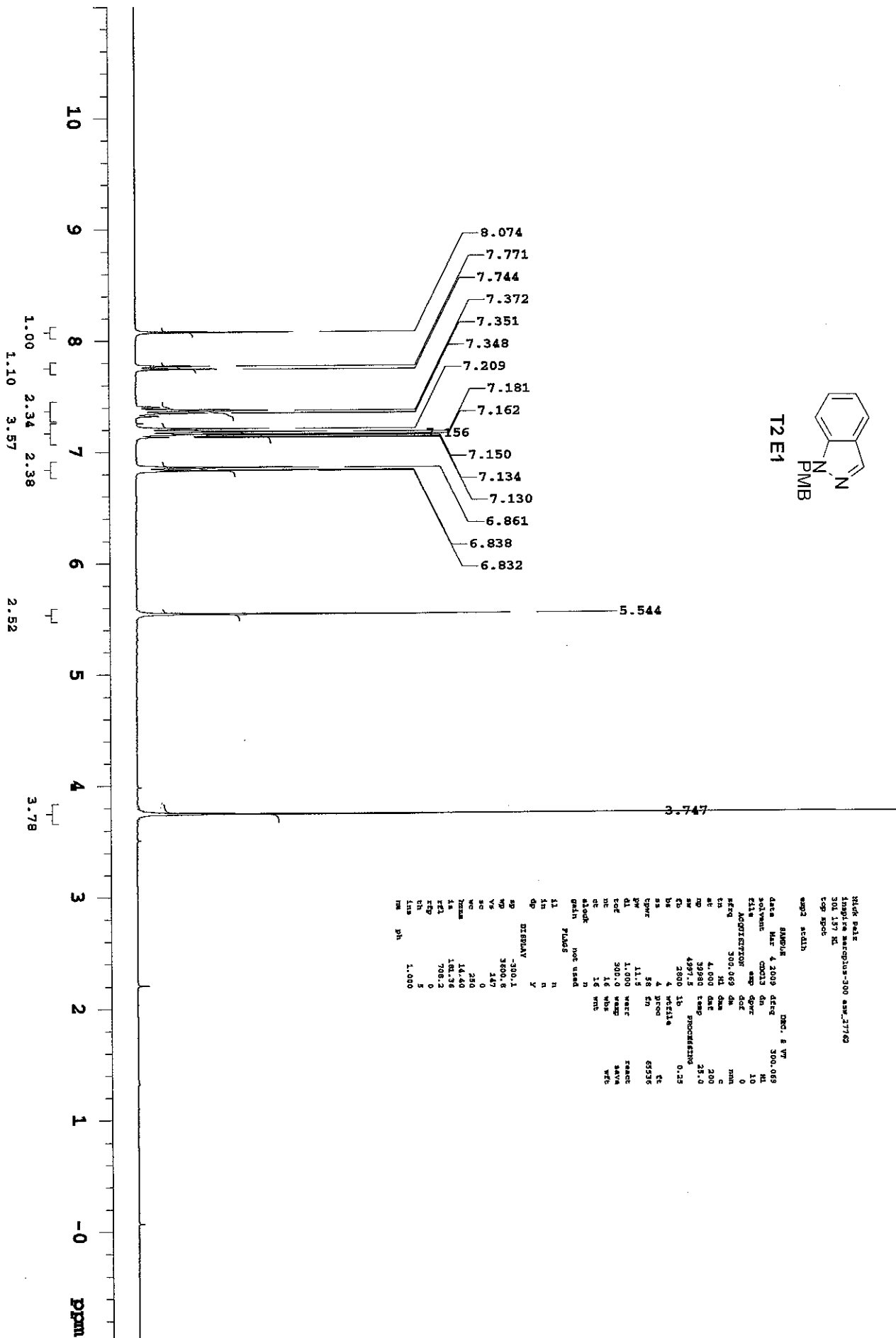


David J Glade
 Inspire mercplus-300 asw_27762
 317 DMTr.D noedit6.30





T2E1

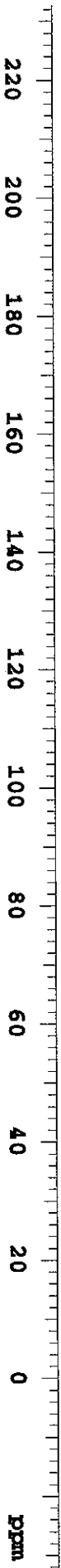


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 Date: Mar 1978
 Top Spin
 Sample Name: pmcplm-300 exp_21740
 Date: Mar 1978
 Top Spin
 Sample Name: pmcplm-300 exp_21740
 Date: Mar 1978
 Top Spin

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HClO₄ PALE
 HANBLENK MARCPHUS-300 AW_27782
 301.157 Q13
 CARBON TSP
 EXP3 200130

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NUC84	13C	NAME	EXP3	NUC84	13C
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NUC86	13C	NAME	EXP3	NUC86	13C
NUC87	13C	NAME	EXP3	NUC87	13C
NUC88	13C	NAME	EXP3	NUC88	13C
NUC89	13C	NAME	EXP3	NUC89	13C
NUC90	13C	NAME	EXP3	NUC90	13C
NUC91	13C	NAME	EXP3	NUC91	13C
NUC92	13C	NAME	EXP3	NUC92	13C
NUC93	13C	NAME	EXP3	NUC93	13C
NUC94	13C	NAME	EXP3	NUC94	13C
NUC95	13C	NAME	EXP3	NUC95	13C
NUC96	13C	NAME	EXP3	NUC96	13C
NUC97	13C	NAME	EXP3	NUC97	13C
NUC98	13C	NAME	EXP3	NUC98	13C
NUC99	13C	NAME	EXP3	NUC99	13C
NUC100	13C	NAME	EXP3	NUC100	13C



159.429

139.671

133.527

129.268

128.912

126.590

124.653

121.417

120.879

114.359

109.627

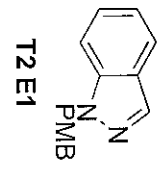
77.881

77.456

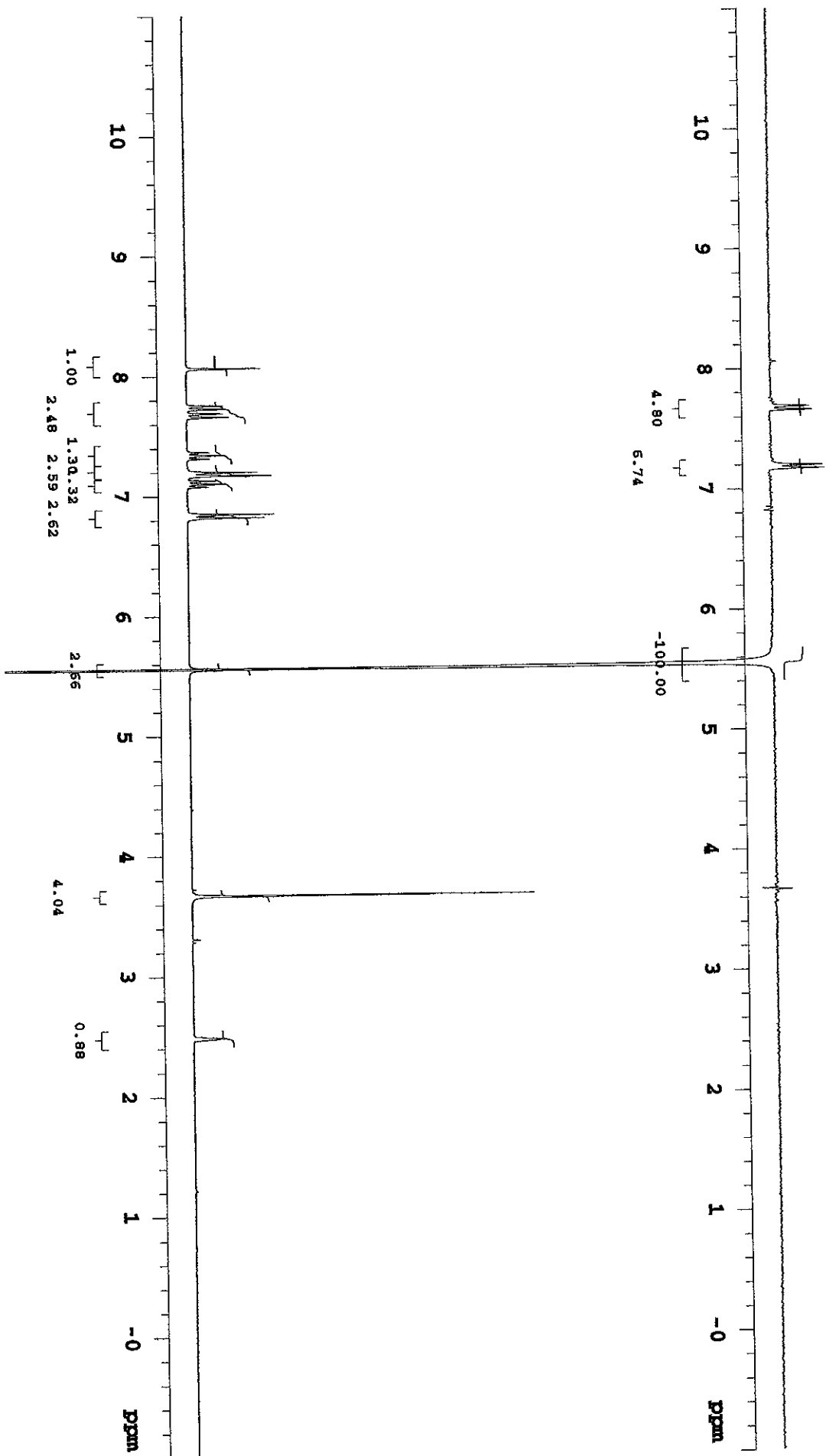
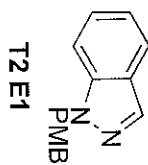
77.031

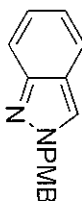
55.482

52.751

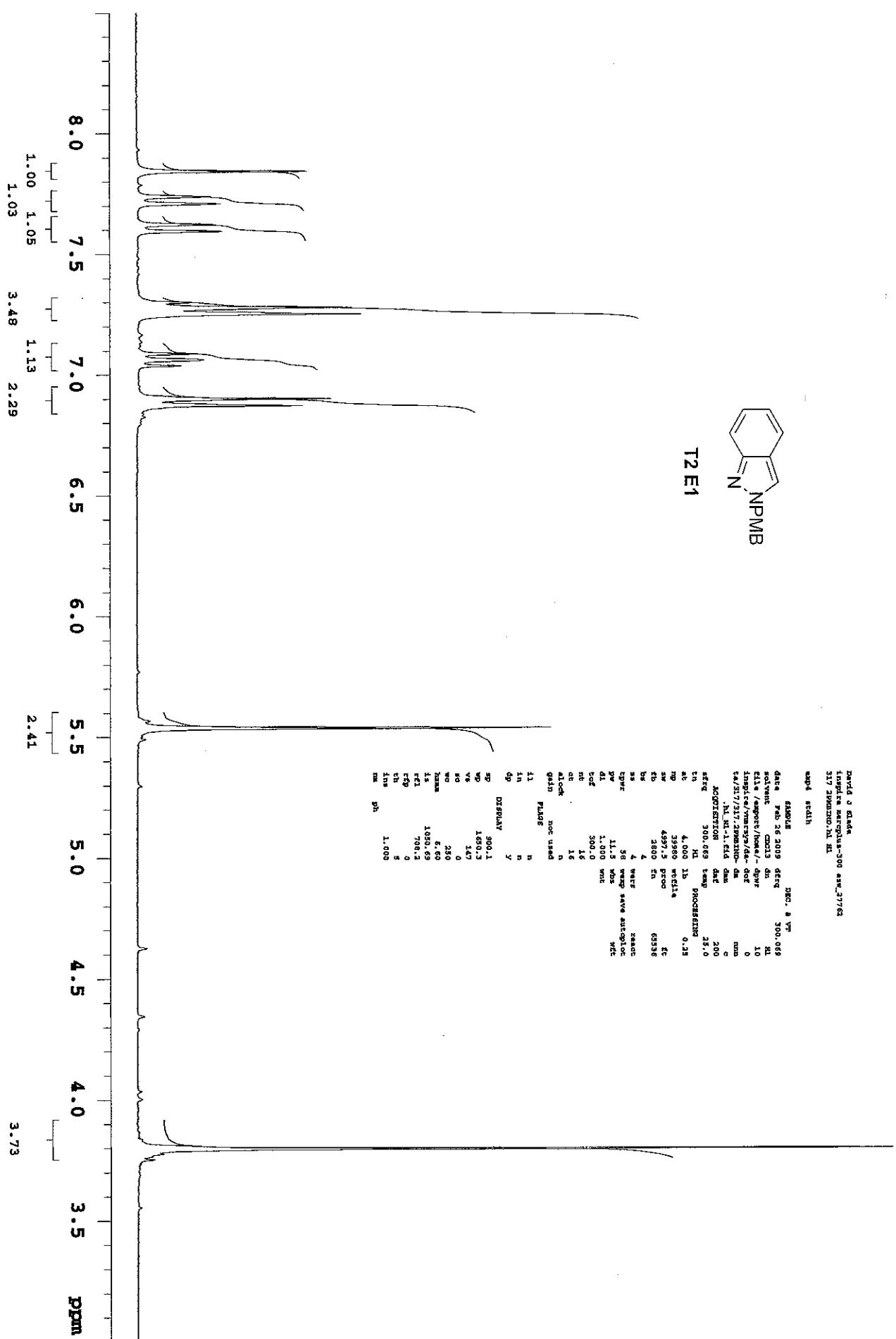


Nick Pelz
Inspire meropius-300 asw_27762
301 157 noeditf5.73
DMSO



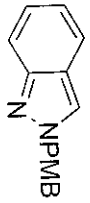


T2 E1

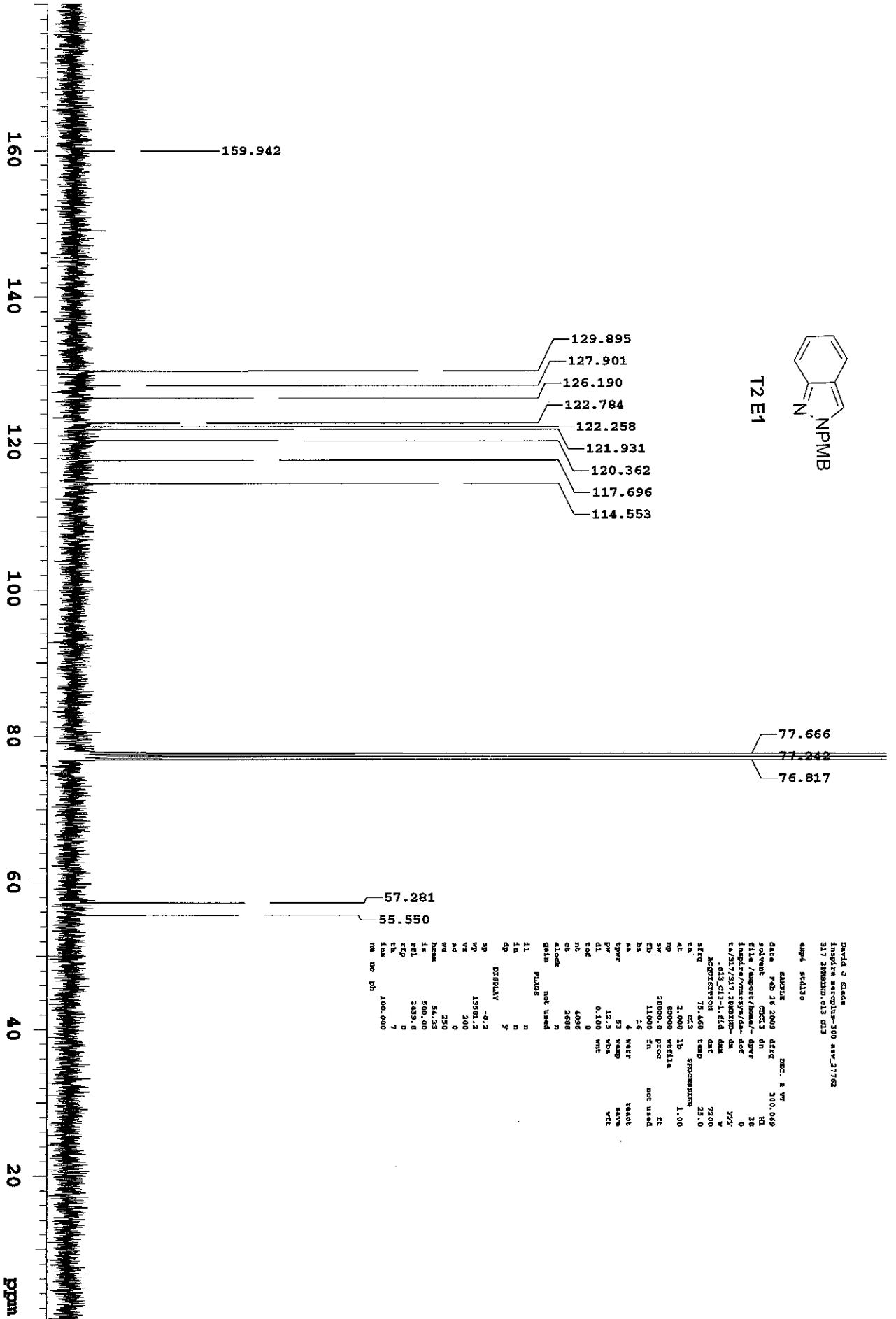


David J Klade
 Empire Research-300 ssm_2762
 217 2982007.H1.H1
 exp# 14111

NAME: NPMB
 DATE: Feb 26 2009
 TIME: 11:54
 INSTR: spect/400mhz/4h-dot
 F1: 400.146
 F2: 100.626
 SOLVENT: CDCl3
 NS: 4
 DS: 4
 SWH: 4397.5
 FID: 2800
 AQC: 4
 SFO: 36
 D1: 1.000
 D2: 1.000
 D3: 1.000
 D4: 1.000
 D5: 1.000
 D6: 1.000
 D7: 1.000
 D8: 1.000
 D9: 1.000
 D10: 1.000
 D11: 1.000
 D12: 1.000
 D13: 1.000
 D14: 1.000
 D15: 1.000
 D16: 1.000
 D17: 1.000
 D18: 1.000
 D19: 1.000
 D20: 1.000
 D21: 1.000
 D22: 1.000
 D23: 1.000
 D24: 1.000
 D25: 1.000
 D26: 1.000
 D27: 1.000
 D28: 1.000
 D29: 1.000
 D30: 1.000
 D31: 1.000
 D32: 1.000
 D33: 1.000
 D34: 1.000
 D35: 1.000
 D36: 1.000
 D37: 1.000
 D38: 1.000
 D39: 1.000
 D40: 1.000
 D41: 1.000
 D42: 1.000
 D43: 1.000
 D44: 1.000
 D45: 1.000
 D46: 1.000
 D47: 1.000
 D48: 1.000
 D49: 1.000
 D50: 1.000
 D51: 1.000
 D52: 1.000
 D53: 1.000
 D54: 1.000
 D55: 1.000
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 D57: 1.000
 D58: 1.000
 D59: 1.000
 D60: 1.000
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 D63: 1.000
 D64: 1.000
 D65: 1.000
 D66: 1.000
 D67: 1.000
 D68: 1.000
 D69: 1.000
 D70: 1.000
 D71: 1.000
 D72: 1.000
 D73: 1.000
 D74: 1.000
 D75: 1.000
 D76: 1.000
 D77: 1.000
 D78: 1.000
 D79: 1.000
 D80: 1.000
 D81: 1.000
 D82: 1.000
 D83: 1.000
 D84: 1.000
 D85: 1.000
 D86: 1.000
 D87: 1.000
 D88: 1.000
 D89: 1.000
 D90: 1.000
 D91: 1.000
 D92: 1.000
 D93: 1.000
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 D98: 1.000
 D99: 1.000
 D100: 1.000



T2E1

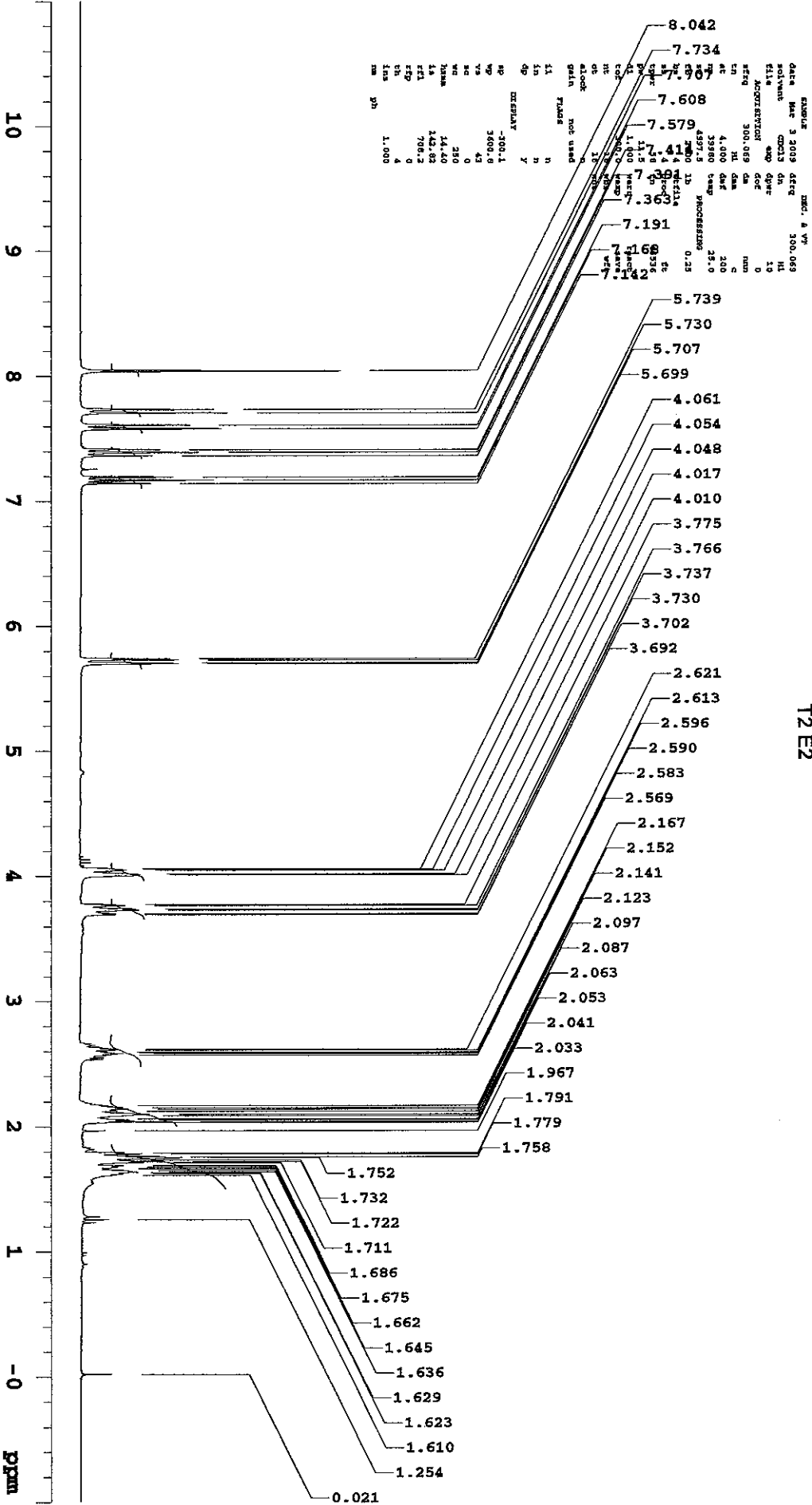
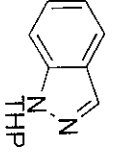


David J Klade
 Inquire acqplus-300 ask_j7762
 317 2808200:013 013
 exp4 scd13e

NAME: NPMB
 date: Feb 26 2009 09:09
 solvent: CDCl3
 file: /export/home/...
 sample: NPMB-013
 .013_013-1.fid
 ACQUISITION: 7200
 PROCESSING: 25.0
 F2: 300.136
 F1: 77.000
 SFO: 300.136
 PULPROG: zgpg30
 PC: 11000
 REACT: NPMB
 NAME: NPMB
 WT: 0.100
 CONC: 4096
 INJ: 2000
 FLDS: not used
 FL1: n
 FL2: n
 FL3: y
 DSBL: -0.2
 AS: 13981.2
 VS: 300
 NS: 0
 DS: 0
 SS: 54.320
 IS: 500.00
 RS: 2439.8
 CH: 0
 INJ: 7
 NS: 100.000
 NM: no ph

NMR Data
 Sample: mercurium-300 am_277c2
 301.155 Hz
 m3jcwspoc
 exp4 scd1h

T2E2



1.00 1.12 1.12
 1.071.13

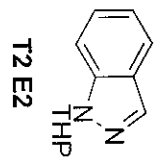
1.12

1.21 1.22

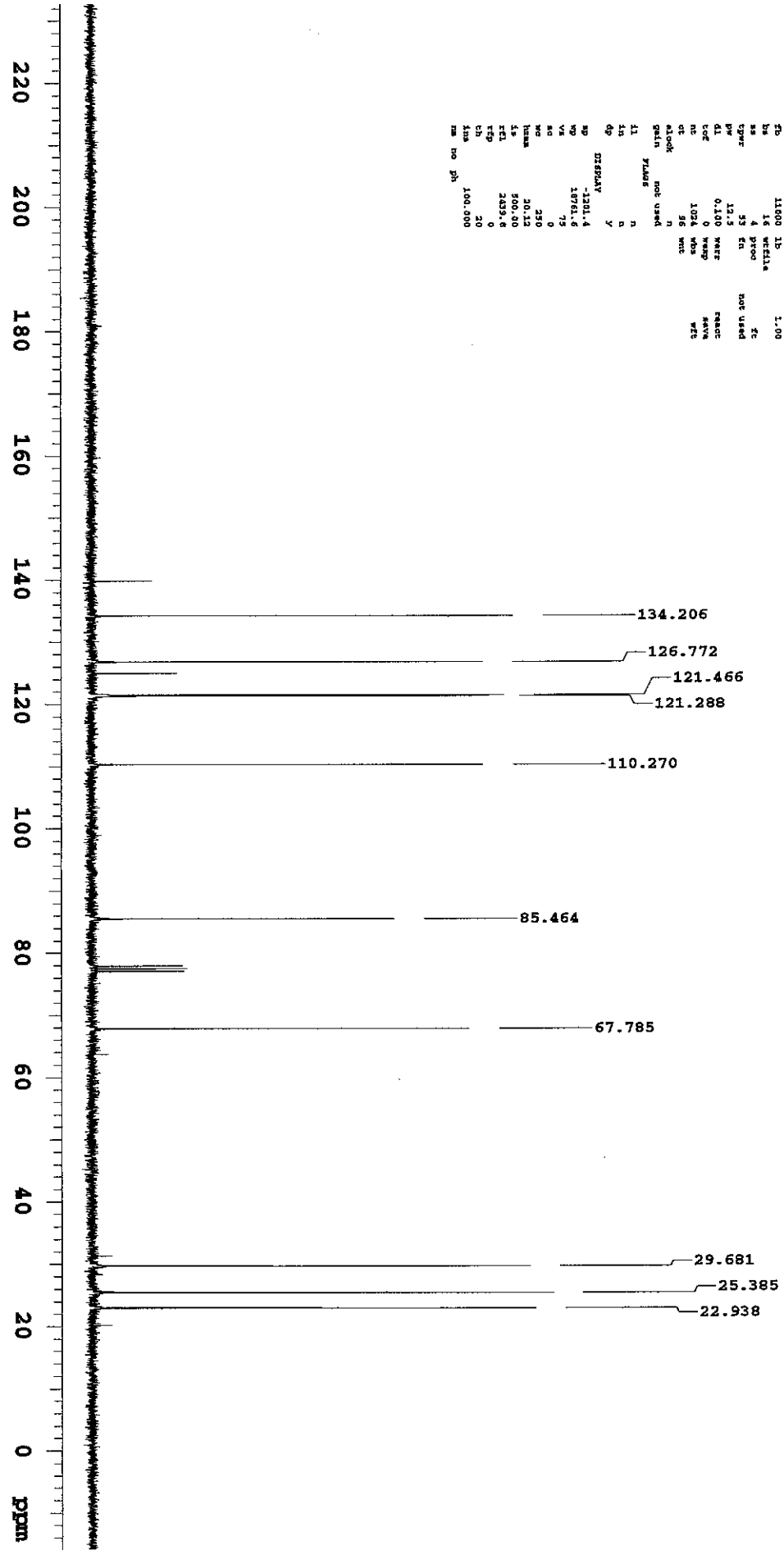
1.08 2.44

4.28

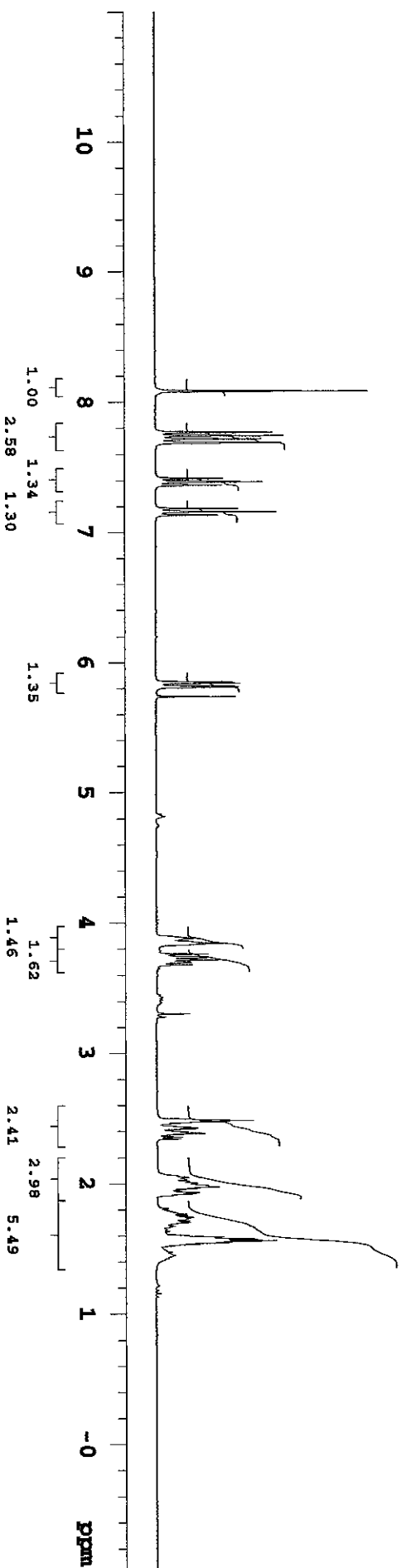
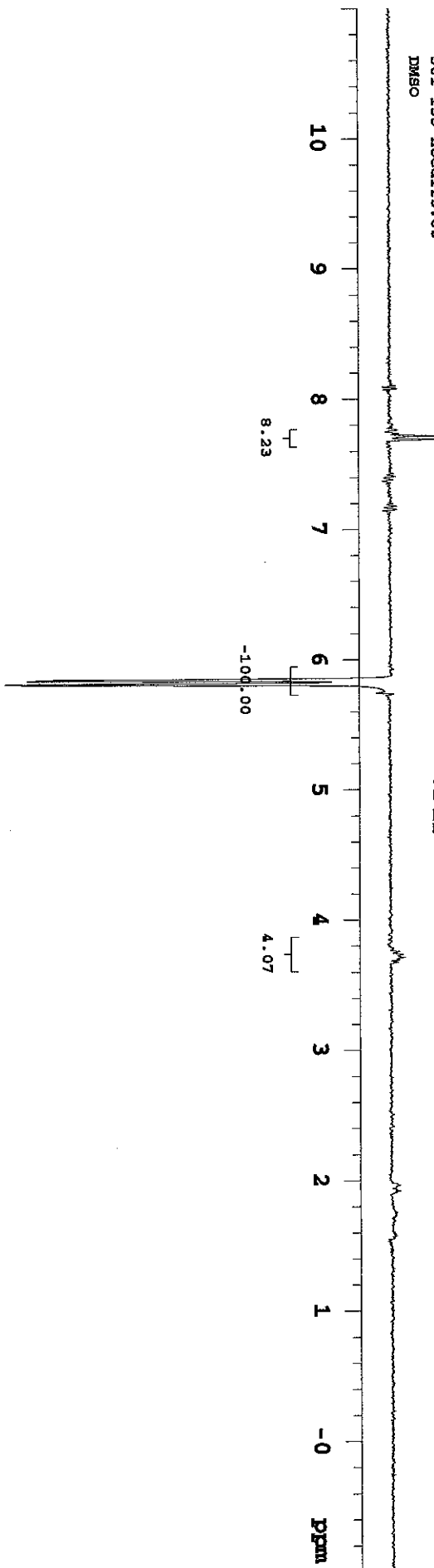
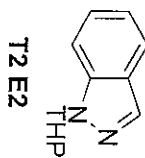
NICK PAIZ
 Analytical Services-300 Ave 27762
 701 115 013
 Major: organo
 OAS: 000000



emp: solid
 date Mar 3 2009 09:30:09
 solvent MeCN
 file 38
 acquisition 75,460 da
 cn 777
 ac 0
 at 2,000 dat
 w 7200
 mp 8000 temp PROCESSING 25.0
 ps 20000
 ba 1100 1d 1.00
 16 vertla
 as 4 proc
 fs 53 En
 not used
 pw 12.5
 dl 0.180 wave
 loc 0 temp
 re 1024 vba
 wt 56
 ut 56
 wts
 alcoh not used
 gain 75000
 n
 11 n
 1n n
 dp DISDAY Y
 mp -1201.4
 wp 18761.6
 vx 75
 wv 0
 wv 250
 wv 20.12
 wv 20.12
 wv 2039.8
 wv 0
 ch 20
 ch 20
 km 100.000
 nm no ph

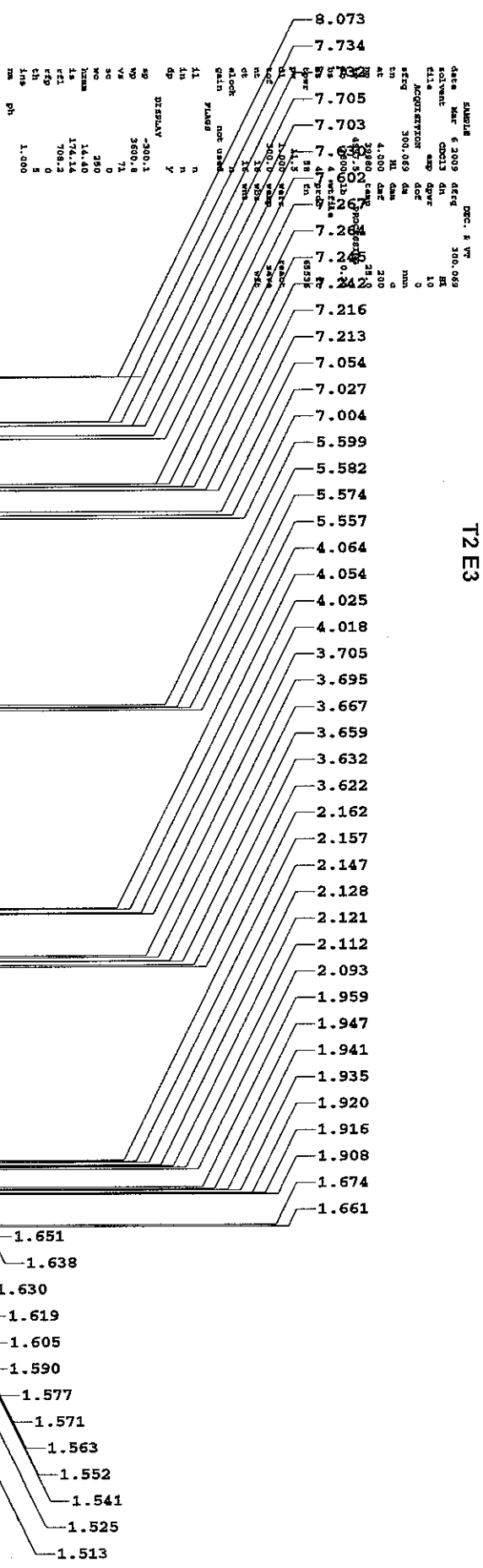
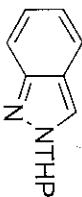


Mick Palz
Inspiriz marcipius-300 asw_27762
301 155 nosd1f5.85
DMSO



NMR 3012
 sample name: 300 ksw_27762
 301.161 Hz

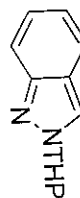
T2E3



10 9 8 7 6 5 4 3 2 1 -0 ppm

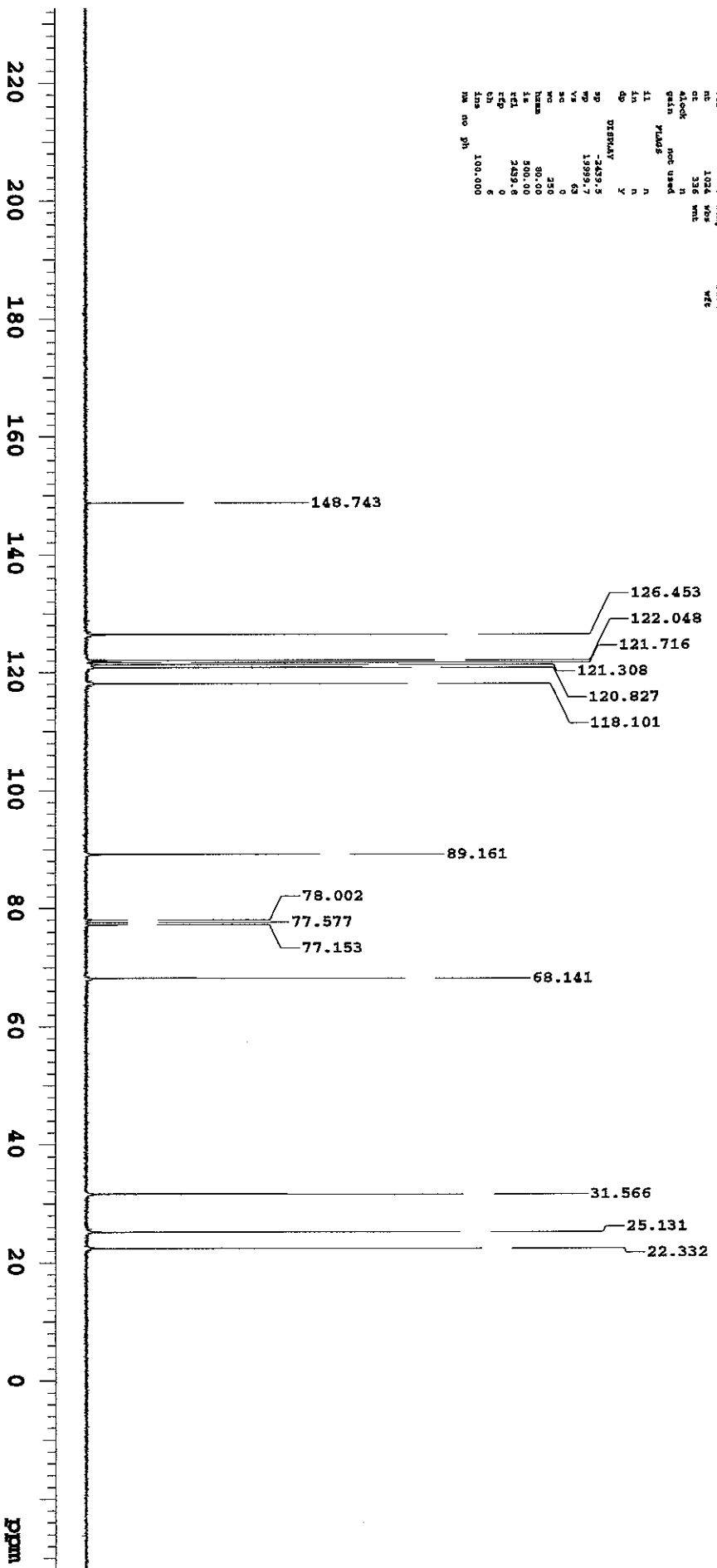
1.00 1.04 1.06
 1.01 1.08
 1.04
 1.09 1.17
 2.31 3.52
 1.18

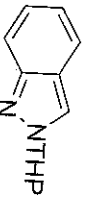
NMR DATA
 Sample: macroplus-300 raw_37762
 301.161 C13
 carbon



T2E3

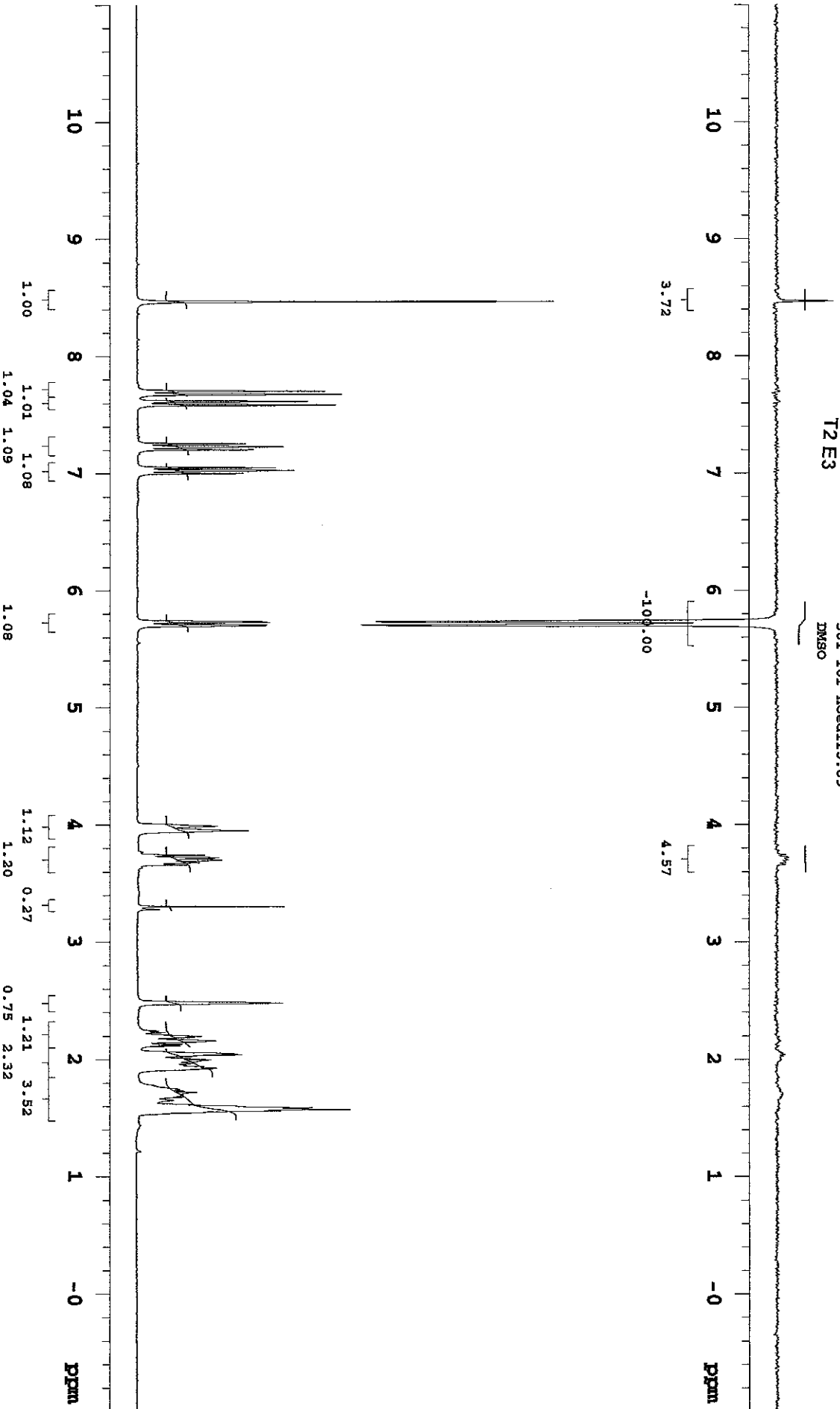
NAME: DMSO-d6
 DATE: 6/30/09
 TIME: 13:00:06
 SOLVENT: DMSO-d6
 FILE: 38
 ACQUISITION: 75.460 dm
 EN: C13 GMA
 AT: 2.000 dm
 RP: 80000 temp
 SW: 200000 lb
 SA: 13.000 lb
 SS: 4 proc
 SP: 93 fn
 DI: 13.5
 CD: 0.100
 RE: 0
 DE: 1024
 ALLOC: 336
 GAIN: 336
 YLDR: 11
 DI: n
 IN: n
 DP: X
 SP: -2439.5
 WP: 13999.7
 VA: 63
 SA: 0
 NO: 250
 NAME: 50.00
 150.00
 2439.6
 REF: 0
 CH: 6
 MS: 100.000
 MS NO: 0

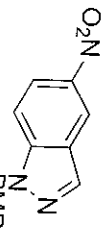




T2 E3

Nick Pelz
inspire mercuryplus-300 asw_27762
301 161 noeditf5.89
DMSO

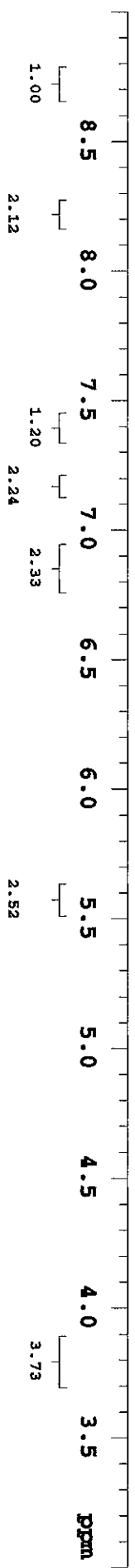


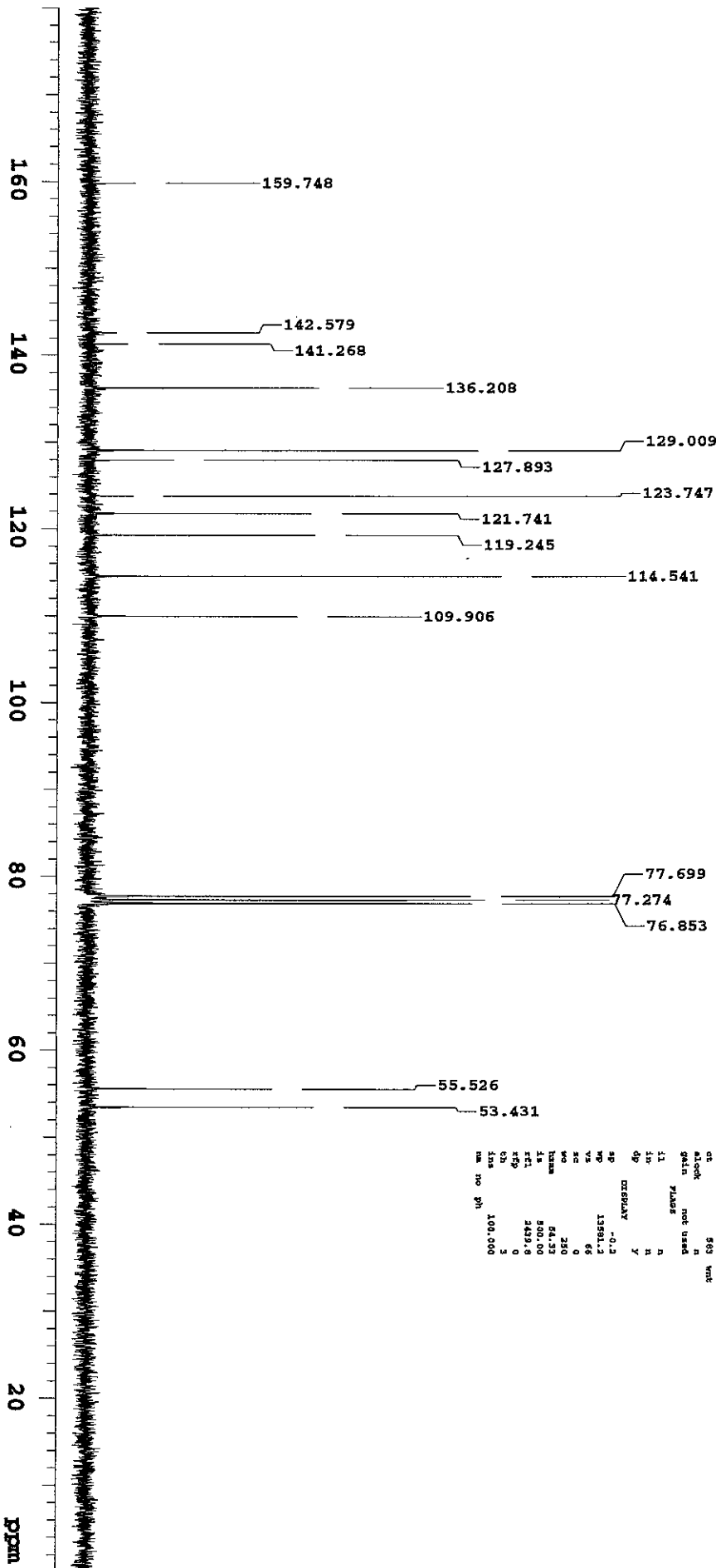
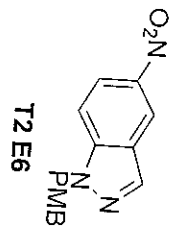


T2 E6

David J. Eade
 Analyte: meropis-100 asp_27162
 317 1288822.HI
 exp: 2021/01/14

DATE: 2020/08/24 08:30:06
 SOLVENT: CHCl3 d4
 FILE: 317 1288822.HI
 METHOD: 1D
 ACQ: 300.069 dm
 IN: 4.000 dm
 NP: 318900 comp
 SW: 4397.5 lb
 SB: 2600 lb
 SS: 4
 UP: 58 fm
 W: 11.5
 DL: 1.000
 COF: 300.0
 NC: 16
 OC: 16
 ELOCK: not used
 GAIN: 1.000
 PH: 1.000





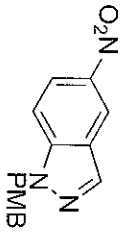
DAVID J GADE
INSTRUMENTATION
317 1808024 Q13

DATE 4 2003 08:00
SOLVENT CDCl₃
FILE 75.460 dm
ACQUISITION 0
PROC 0
UN 0
AT 2:000 dm
RG 80000 temp
SW 20000.0
EB 11000 1s
S 1s
Z 1s
PR 12.5
DL 0.100
COF 0
HT 1024
CT 503
ALOCK not used
GAIN not used
PLANS not used

DEC. 8 1991
300.069
38
0
0
1700
25.0
1.00
%
not used
react
same
MTE

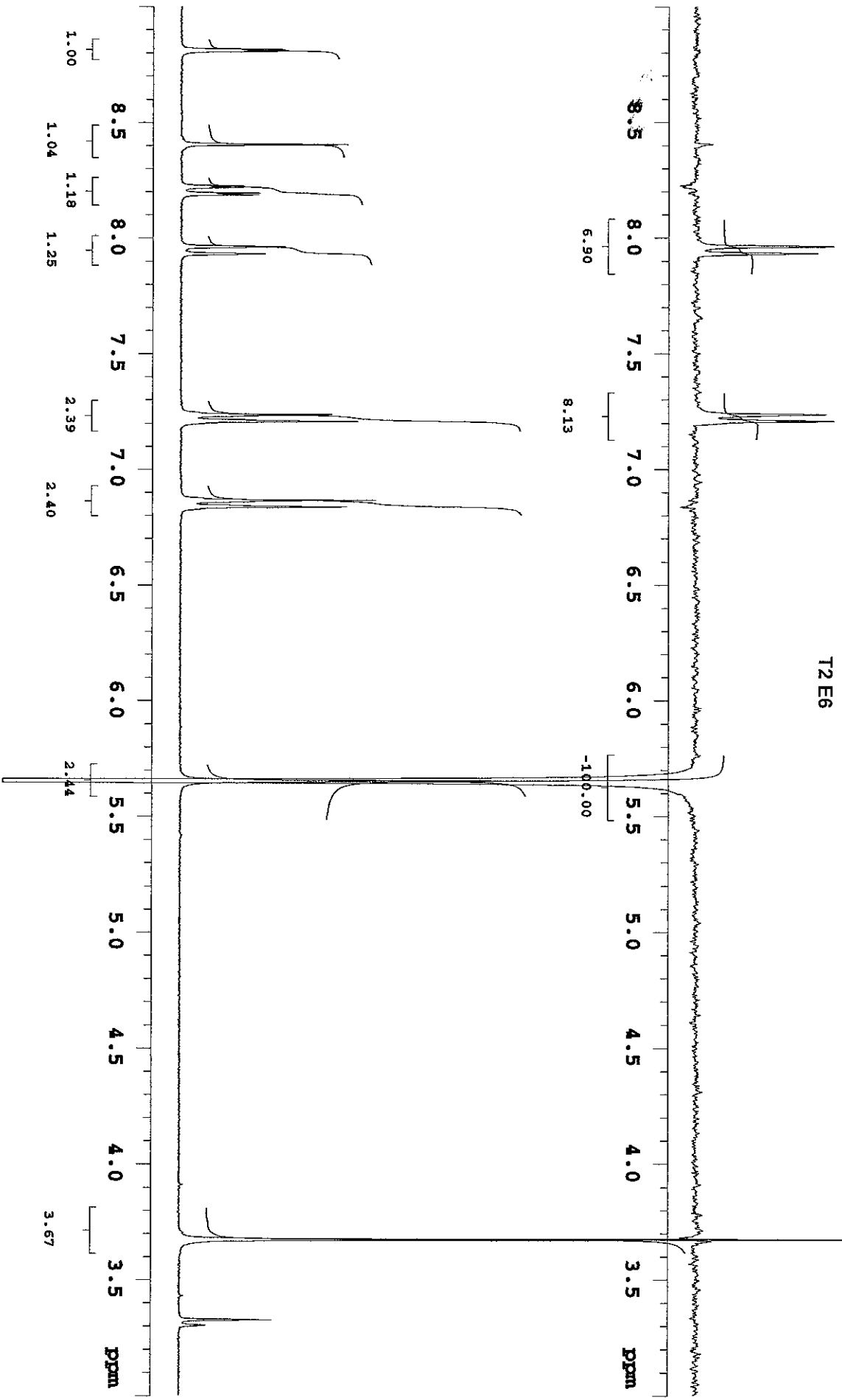
NAME 100.000
NO 1
PH

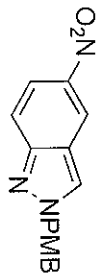
PARAMETER VALUES
SP -0.2
WP 1381.2
VS 65
SC 0
WC 230
IR 500.00
FEL 2439.8
KPS 0
KIN 2
M 100.000



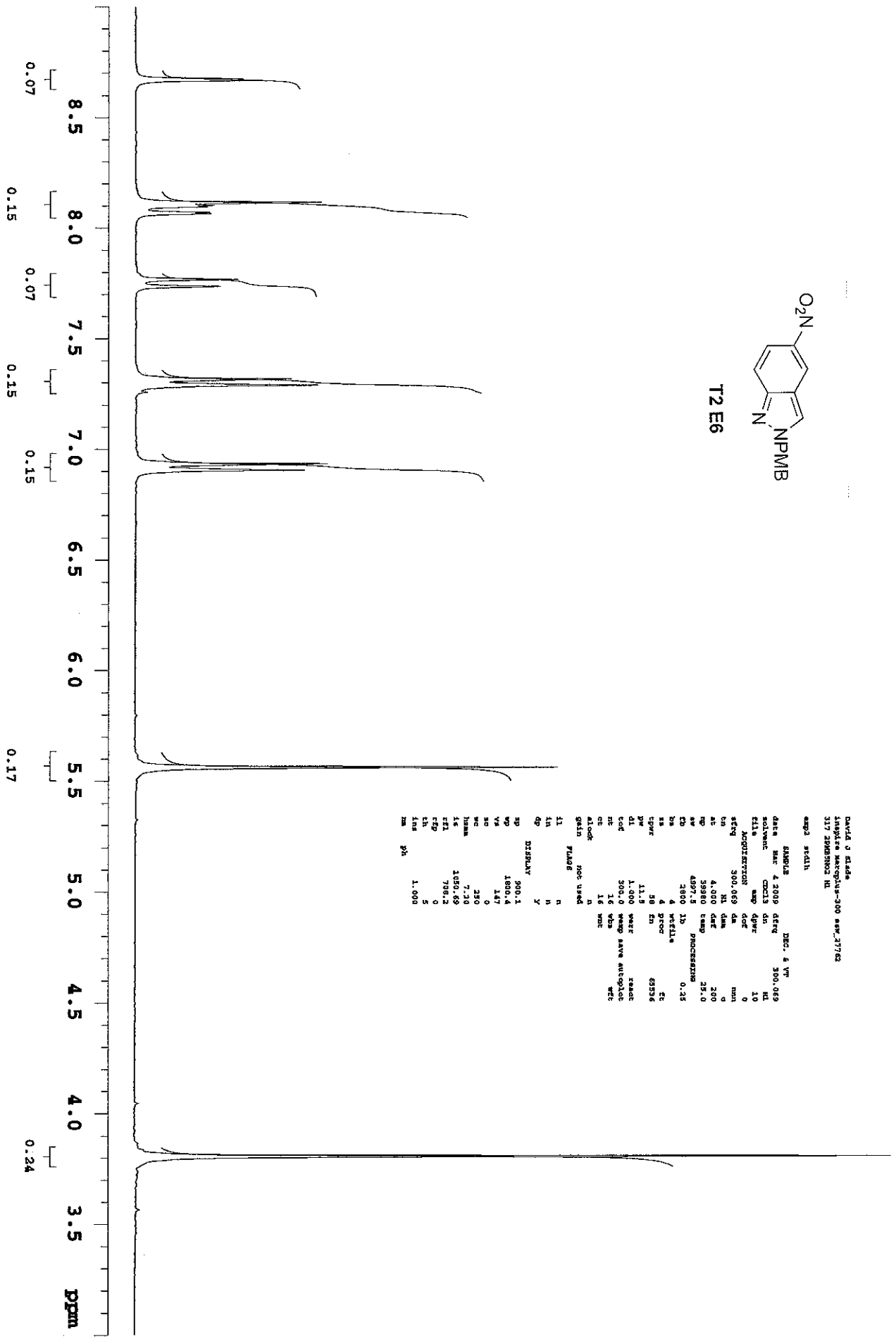
T2 E6

David J Slade
Inspire macropplus-300 asw_27762
317 1P5M.D noedit5.65



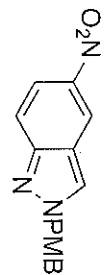


T2 E6

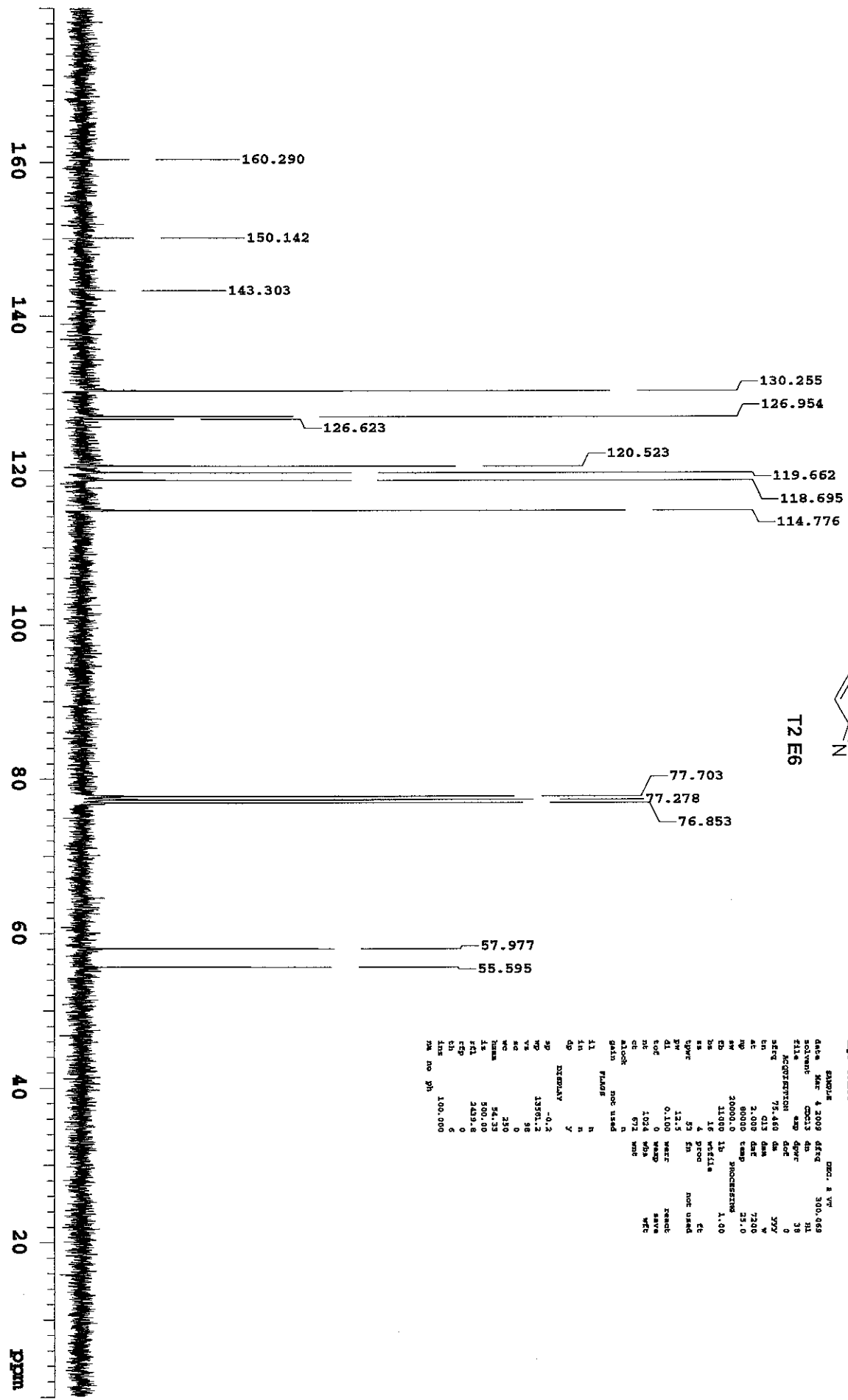


David J Elade
 Singley Macropus-300 sw_21762
 317 202802.HI
 expg staltl

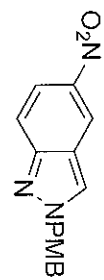
SAMPLE
 date mar 4 2009 dteq DEC. 4 '07
 solvent CDCl3 dn 300.069
 file exp dpr HI 10
 ACQUISITION
 freq 300.069 dm dof 0
 nu 30.000 dm man
 at 4.000 dat 200
 ap 39980 ramp 25.0
 av 45974.3 PROCESSING 0.25
 cz 2000 lb
 nu 4 presle 4t
 na 4 pvec 6356
 tprv 36 En
 pr 11.5
 dl 1.000 warr reac
 cod 300.0 warr save attemploc
 ne 16 whs
 re 16 wnt
 alcodt
 steln Not used
 FLUOR
 f1 n
 f2 n
 f3 n
 f4 n
 f5 n
 f6 n
 f7 n
 f8 n
 f9 n
 f10 n
 DISPLAY
 sp 900.1
 wp 1800.4
 vs 147
 no 0
 wc 250
 hnum 7.20
 kg 1050.69
 fcl 706.2
 fcp 5
 fns 5
 fms 1.000
 nm ph



T2E6

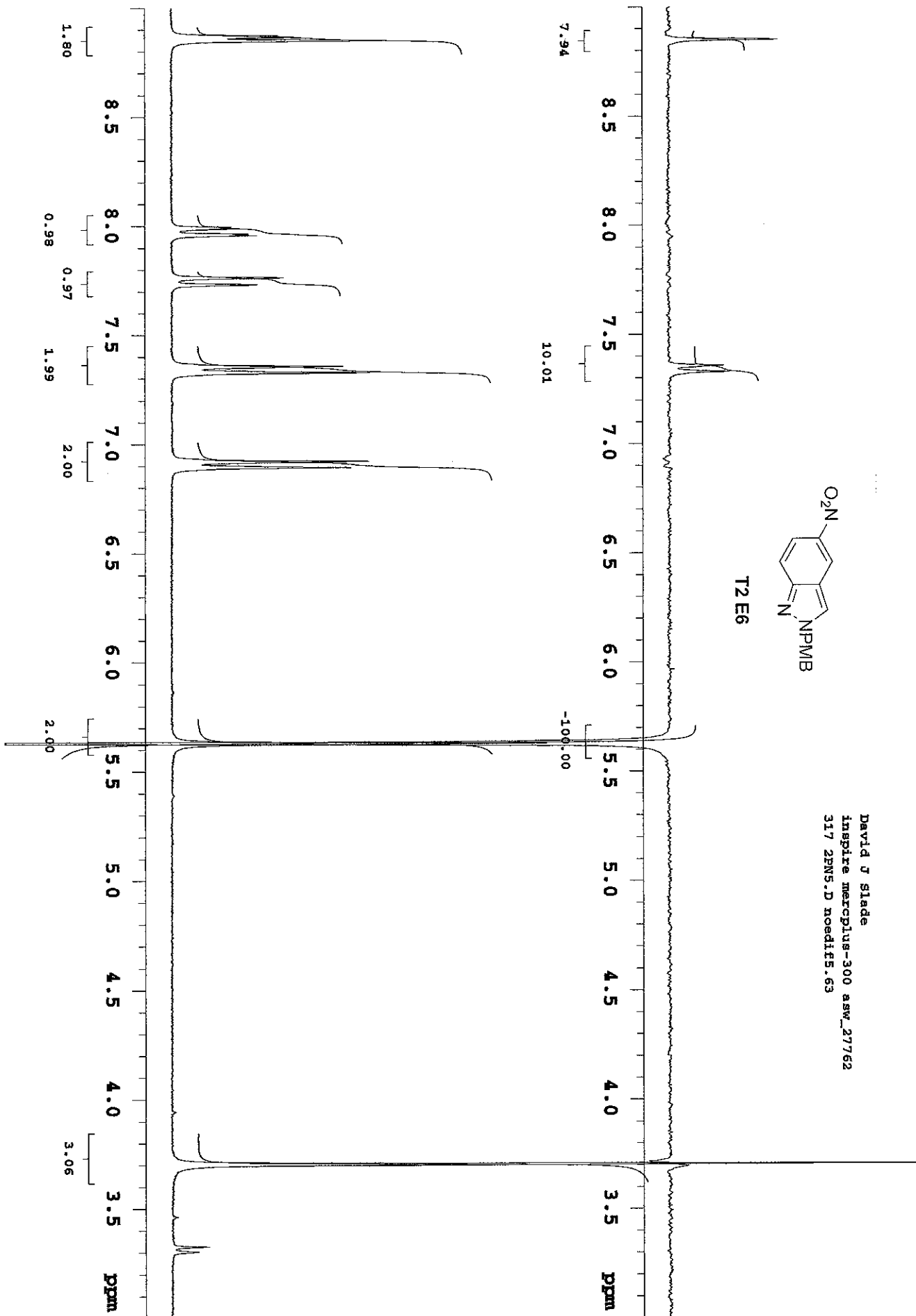


David J. Skoda
 Inquire macqplus-300 raw_27762
 247 2858203 C13
 exp3 acd13c
 SAMPLE DEC. 8 '97
 date Mar 4 2009 dfrc 300.069
 solvent CDCl3 dm H1
 file exp dpr 38
 MODIFIER doc 0
 afreq 75.460 dm 299
 en C13 dm W
 at 2.000 dat 7200
 nv 80000 temp 25.0
 sr 20000.0 lb PROGRESSIVE 1.00
 ps 11000 40
 sr 4 proc
 upwr 50 fm not used
 pw 12.5
 dl 0.100 warc readt
 tod 0 wamp save
 pc 1024 wba wfc
 cc 672 wnt
 alook not used
 gain not used
 floun not used
 ll n
 ll n
 ll n
 dp y
 INHIBIT y
 sp -0.2
 vp 13561.2
 vs 98
 vc 0
 wc 250
 turns 54.35
 ls 500.00
 fcl 2839.8
 fcp 5
 line 100.000
 zw no ph



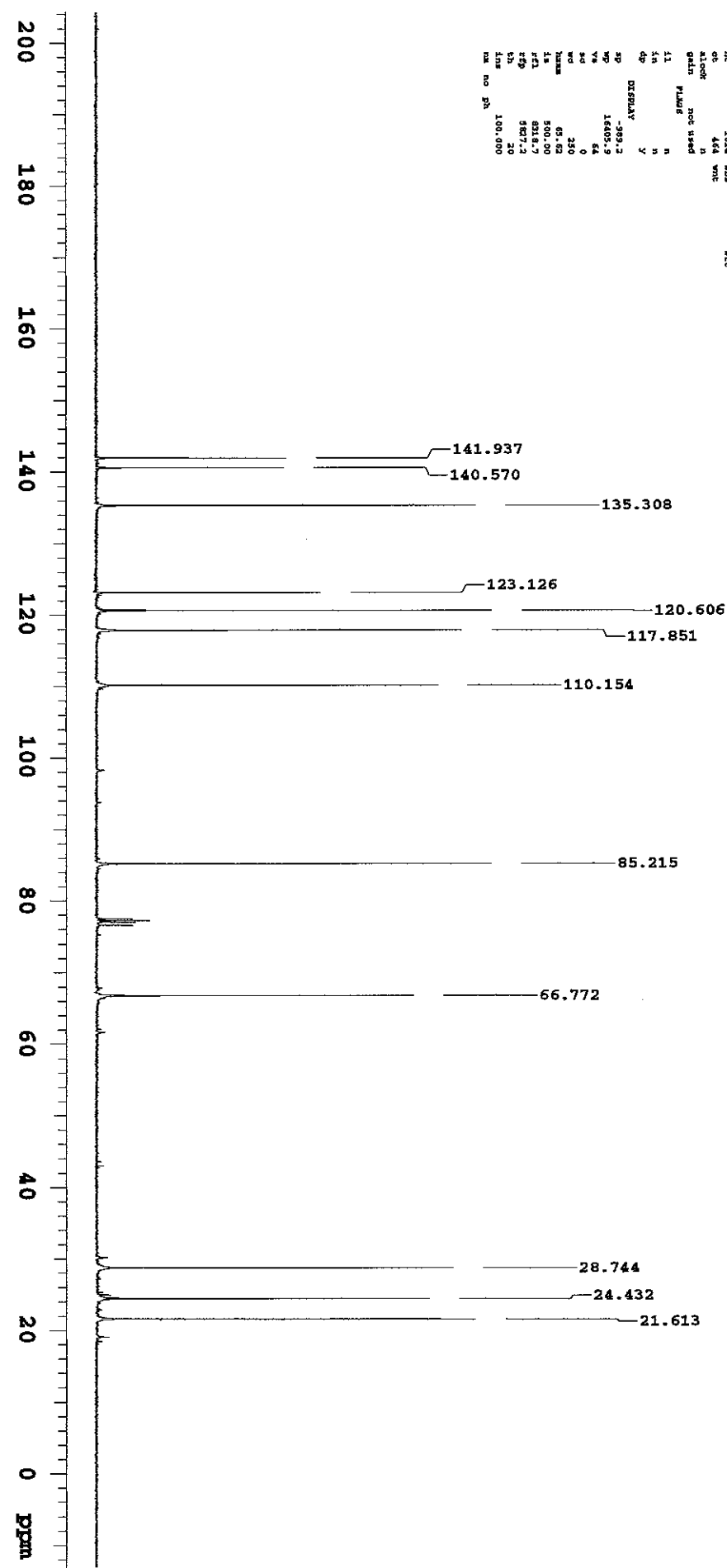
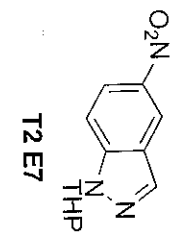
T2E6

David J Slade
 Inspire mercplus-300 asw_27762
 317 2PM5.D noeditf5.63

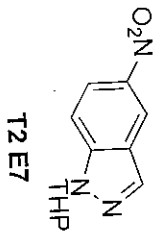


David J Glade
 Infrared spectroscopy-300 aw_37782
 317.142 013
 8955 852131a

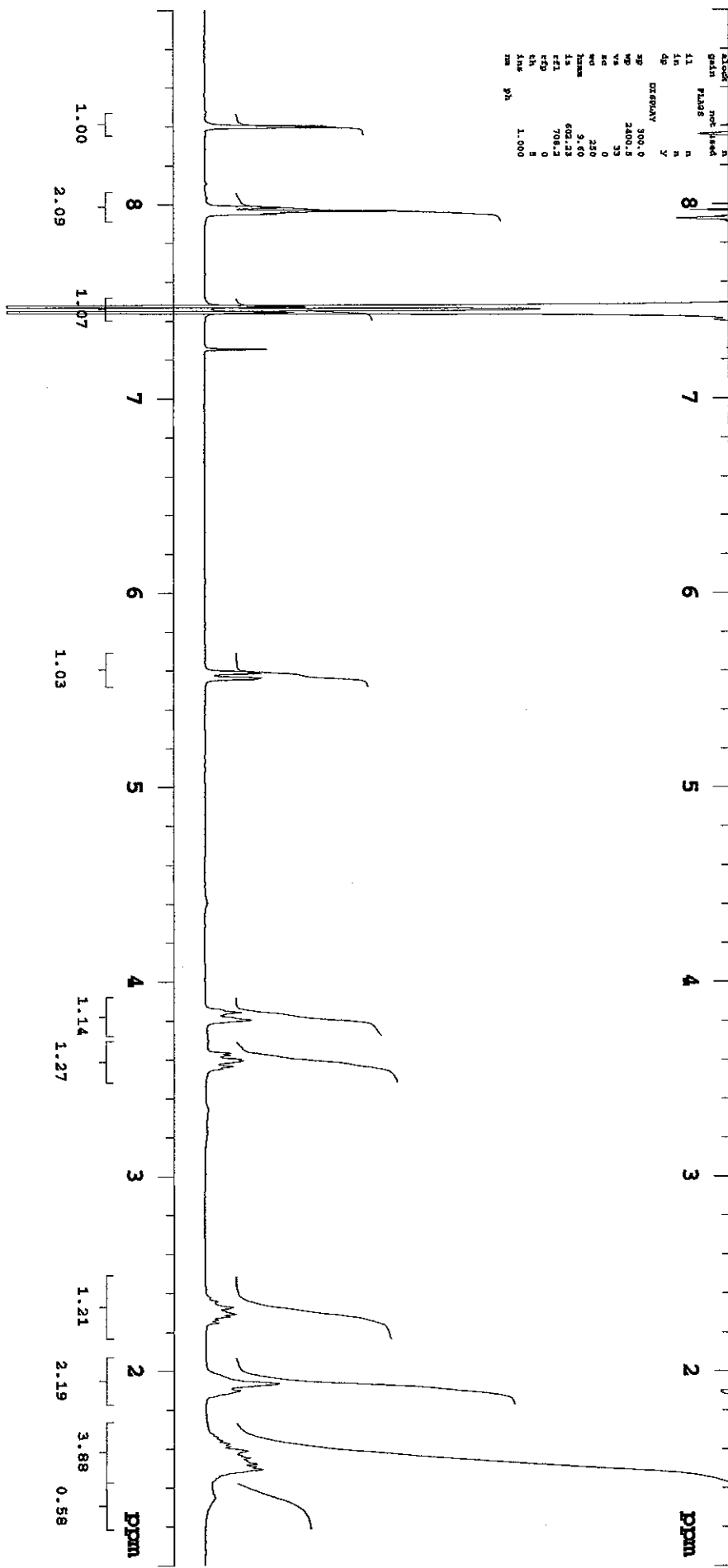
SAMPLE NO 21 2009 46763 DSC. 5 171
 SOLVENT CDCl3 300.069
 FILE exp 040113 38
 ACQUISITION exp 040113 0
 STRID 75.469 da 377
 IN CDCl3 dm W
 AC 2.000 dm 7300
 NP 80000 temp 25.0
 SW 20000.0 PROCESSING
 CB 11000 15 1.00
 BA 16 WELLS
 SA 4 SPOKE 42
 SP 53 71 NOT USED
 DP 13.4
 DI 0.100 WERT
 LOD 0 WERT
 NC 1024 WBS
 QC 464 WTC
 ALLOC not used
 GAIN 16
 PLANS not used
 11 n
 10 n
 09 y
 DISPLAY y
 SP -289.2
 WP 16405.9 64
 VE 0
 SD 0
 WD 230
 XNUM 500.00
 1s 500.00
 F1L 818.7
 F2L 507.2
 F3L 100.000
 nm no ph



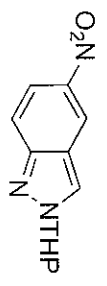
NMR Data
 Sample: 301.147 H1
 Date: Feb 21, 2009
 Time: 11:00
 Operator: [unreadable]



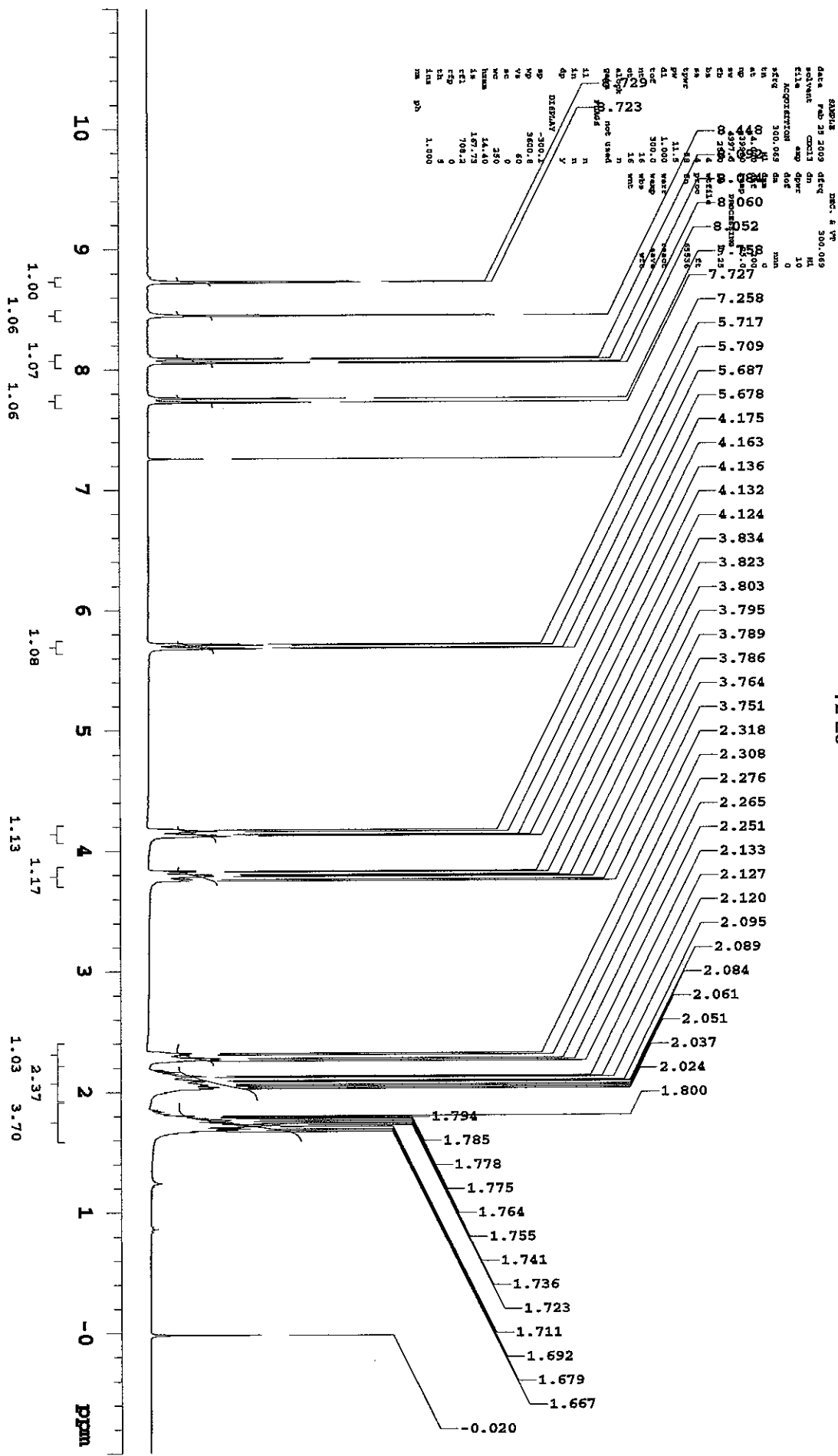
Name: 301.147 H1
 Date: Feb 21, 2009
 Time: 11:00
 Operator: [unreadable]
 Acquisition: 300.069 MHz
 P1: 1.00
 PC: 0.25
 Solvent: CDCl3
 Reference: TMS
 Integration: 1.00
 Scale: 1.00
 Gain: 1.00
 Offset: 0.00
 Phase: 0.00
 Frequency: 300.069 MHz
 Acquisition Time: 1.00 min
 Processing Time: 0.25 min
 F2: 300.069 MHz
 F1: 300.069 MHz
 SFO: 300.069 MHz
 SF: 300.069 MHz
 AQ: 1.00 min
 AS: 0.25 min
 DP: 1.00
 PR: 0.25
 PC: 0.25
 PD: 0.25
 PE: 0.25
 PF: 0.25
 PG: 0.25
 PH: 0.25
 PI: 0.25
 PJ: 0.25
 PK: 0.25
 PL: 0.25
 PM: 0.25
 PN: 0.25
 PO: 0.25
 PP: 0.25
 PQ: 0.25
 PR: 0.25
 PS: 0.25
 PT: 0.25
 PU: 0.25
 PV: 0.25
 PW: 0.25
 PX: 0.25
 PY: 0.25
 PZ: 0.25
 Q1: 0.25
 Q2: 0.25
 Q3: 0.25
 Q4: 0.25
 Q5: 0.25
 Q6: 0.25
 Q7: 0.25
 Q8: 0.25
 Q9: 0.25
 Q0: 0.25
 R1: 0.25
 R2: 0.25
 R3: 0.25
 R4: 0.25
 R5: 0.25
 R6: 0.25
 R7: 0.25
 R8: 0.25
 R9: 0.25
 R0: 0.25
 S1: 0.25
 S2: 0.25
 S3: 0.25
 S4: 0.25
 S5: 0.25
 S6: 0.25
 S7: 0.25
 S8: 0.25
 S9: 0.25
 S0: 0.25
 T1: 0.25
 T2: 0.25
 T3: 0.25
 T4: 0.25
 T5: 0.25
 T6: 0.25
 T7: 0.25
 T8: 0.25
 T9: 0.25
 T0: 0.25
 U1: 0.25
 U2: 0.25
 U3: 0.25
 U4: 0.25
 U5: 0.25
 U6: 0.25
 U7: 0.25
 U8: 0.25
 U9: 0.25
 U0: 0.25
 V1: 0.25
 V2: 0.25
 V3: 0.25
 V4: 0.25
 V5: 0.25
 V6: 0.25
 V7: 0.25
 V8: 0.25
 V9: 0.25
 V0: 0.25
 W1: 0.25
 W2: 0.25
 W3: 0.25
 W4: 0.25
 W5: 0.25
 W6: 0.25
 W7: 0.25
 W8: 0.25
 W9: 0.25
 W0: 0.25
 X1: 0.25
 X2: 0.25
 X3: 0.25
 X4: 0.25
 X5: 0.25
 X6: 0.25
 X7: 0.25
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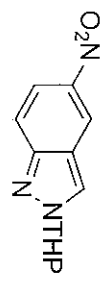


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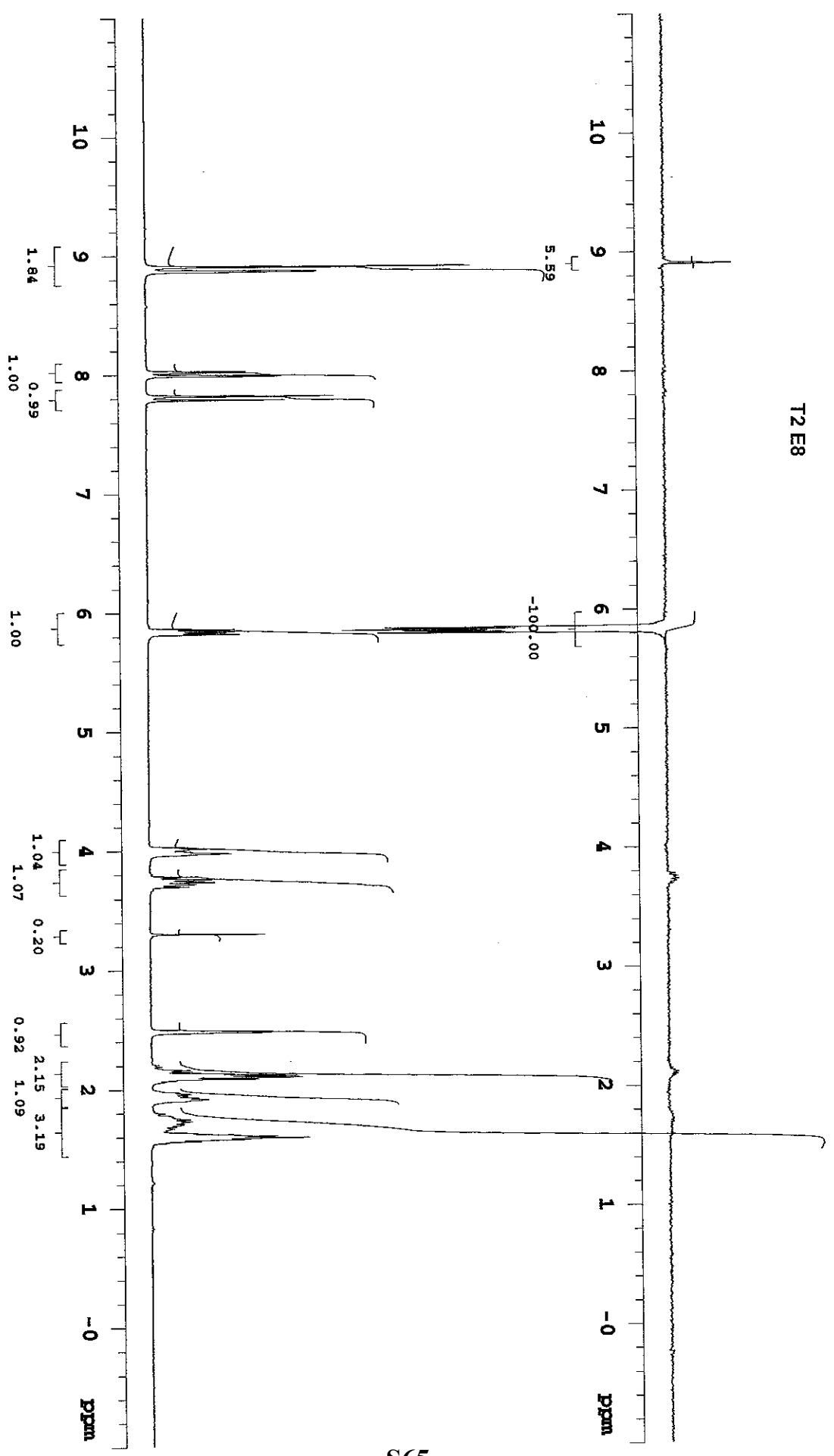
T2 E8





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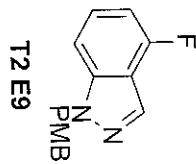
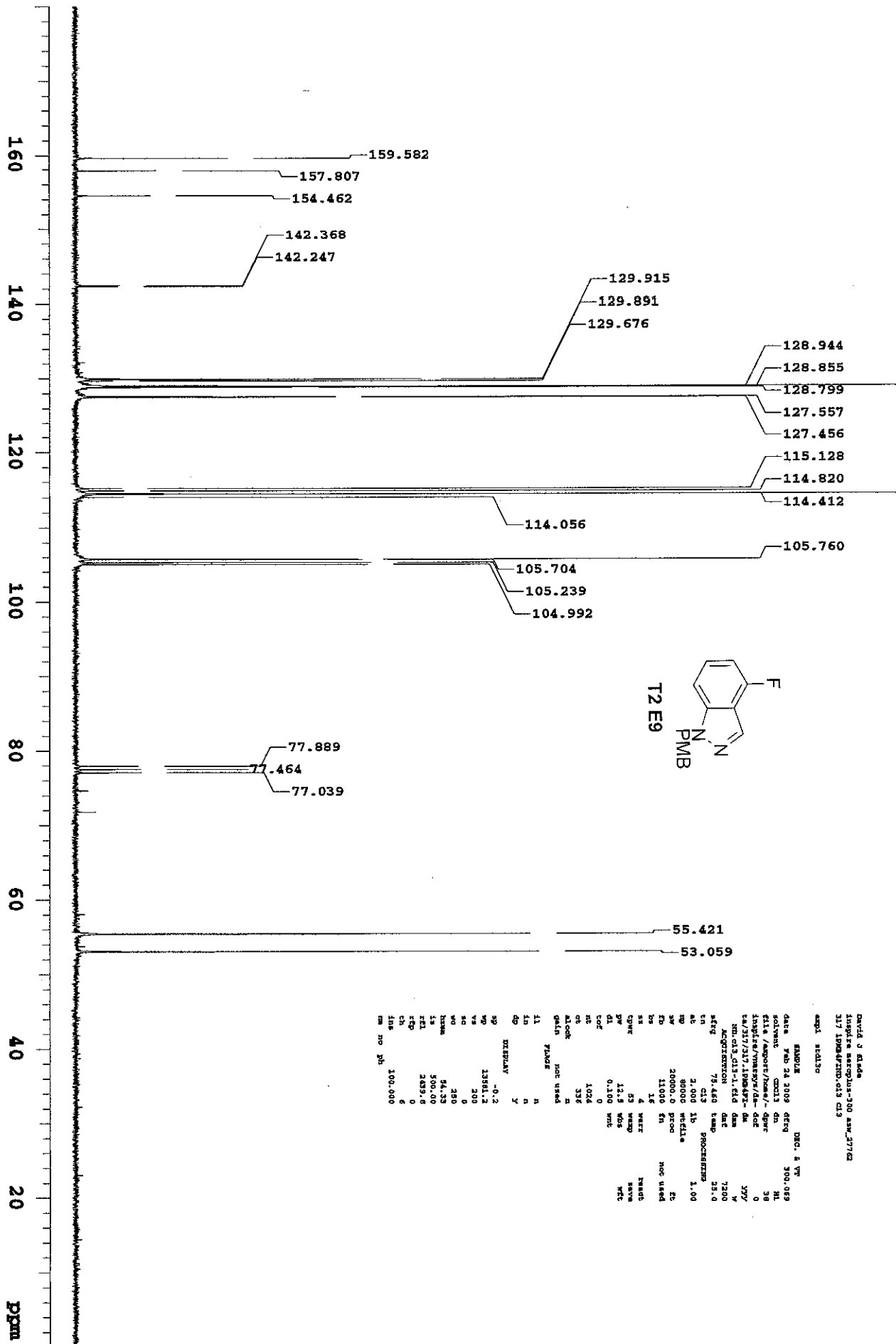
Nick Pelz
Inspire mercuryus-300 asw_27762
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DMSO



David J Glade
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expt 0001h

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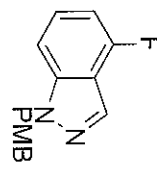


David J Kilde
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 exp1 161303

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 SFG: 79.469 temp 25.0
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 SW: 20000.0 proc
 FO: 11000.00
 BS: 16
 AS: 4 WALT
 CS: 53 WALT
 SP: 12.5 WDS
 DI: 0.100 WDS
 COF: 0
 RT: 4.024
 PE: 336
 PLOCK: not used
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 FLAGE: not used

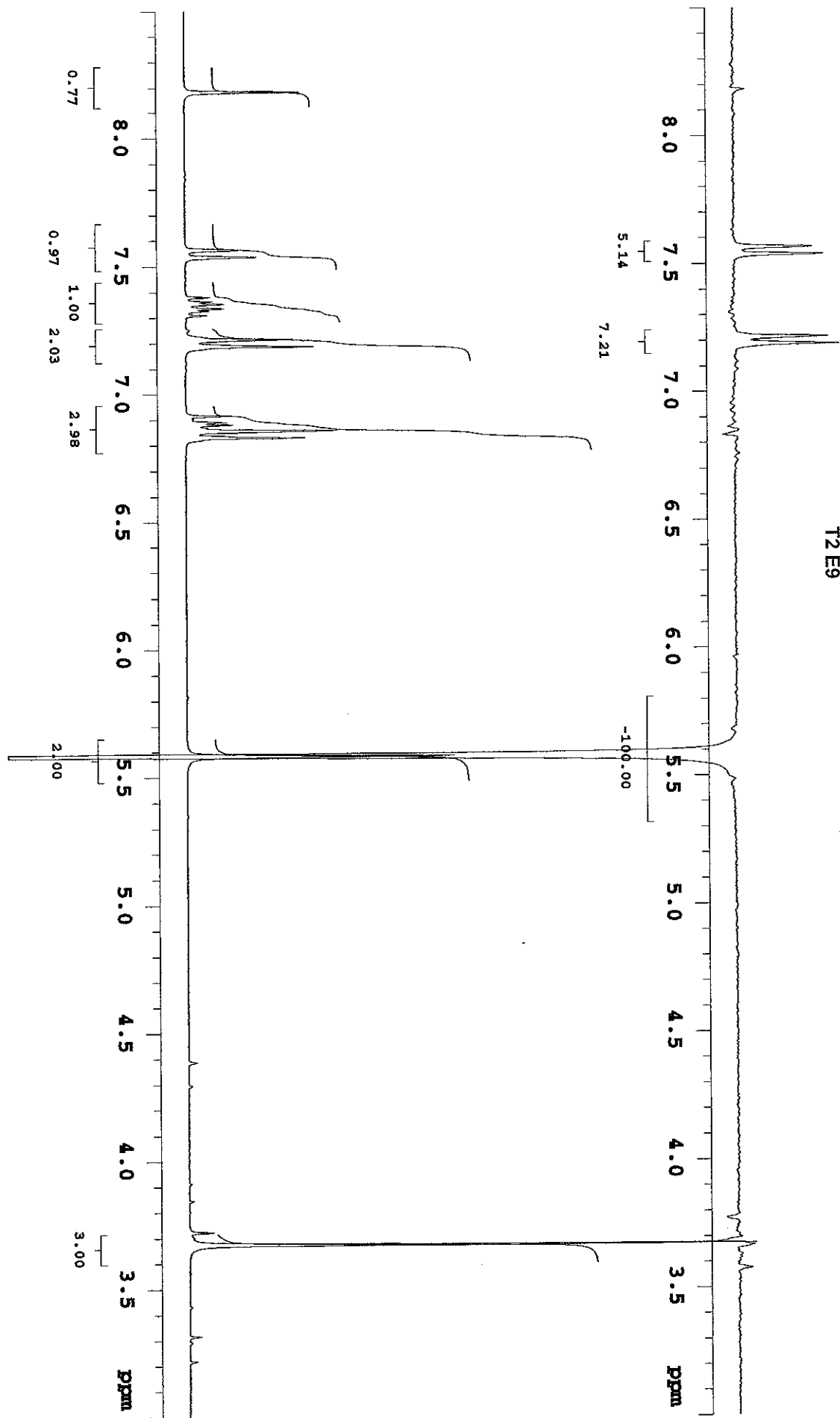
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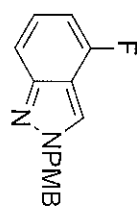
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T2 E9

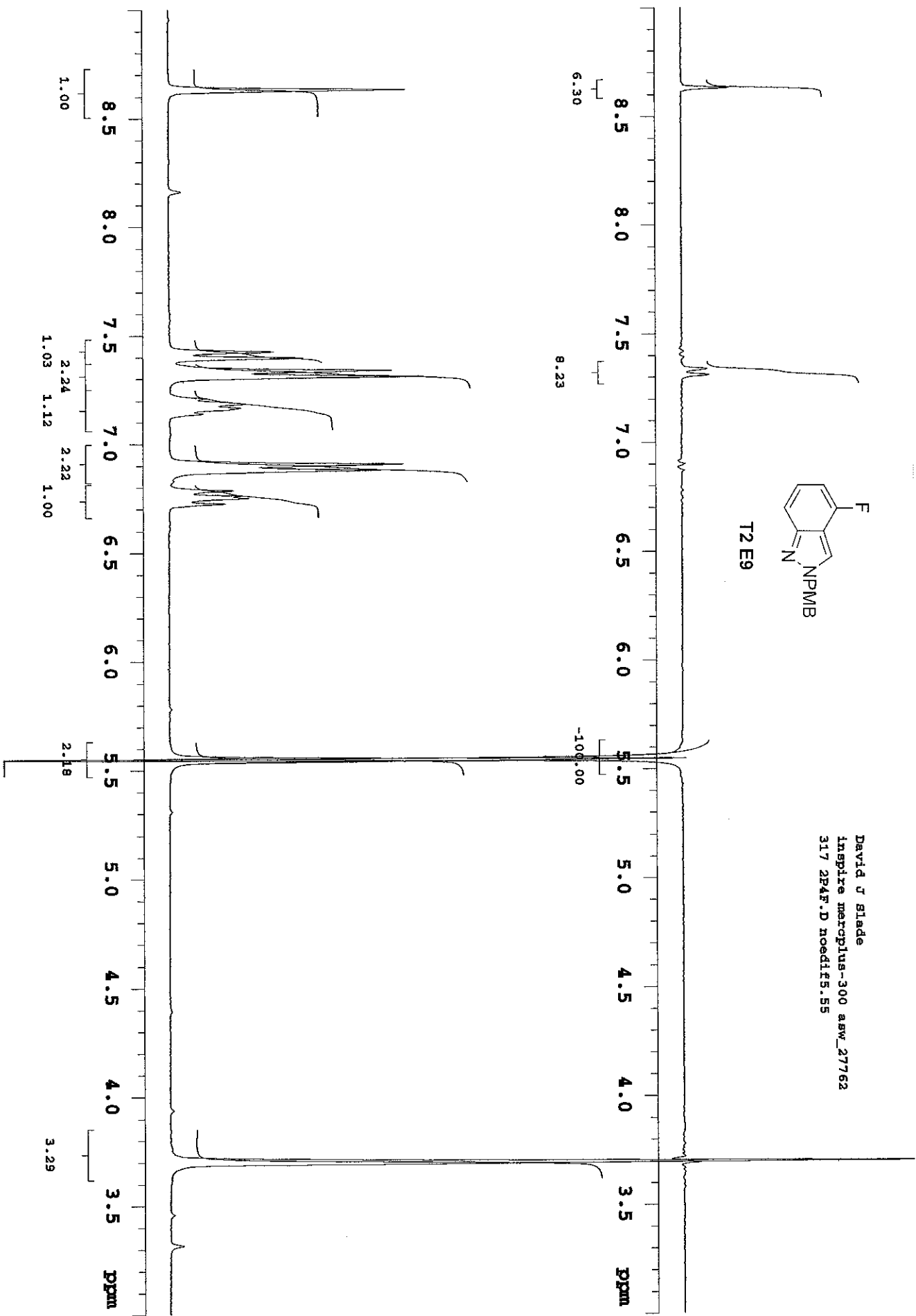
David J Slade
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 317 1P4F.D noedit5.58
 DMSO-d₆





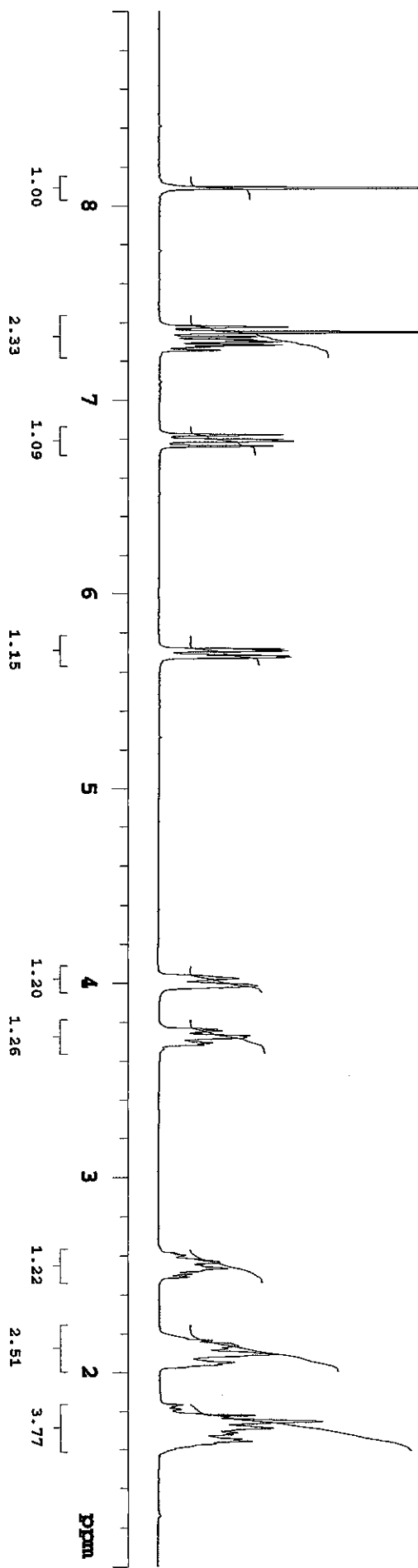
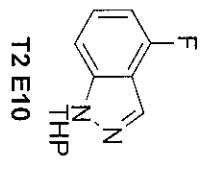
T2 E9

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 317 2P4F.D noeditf5.55



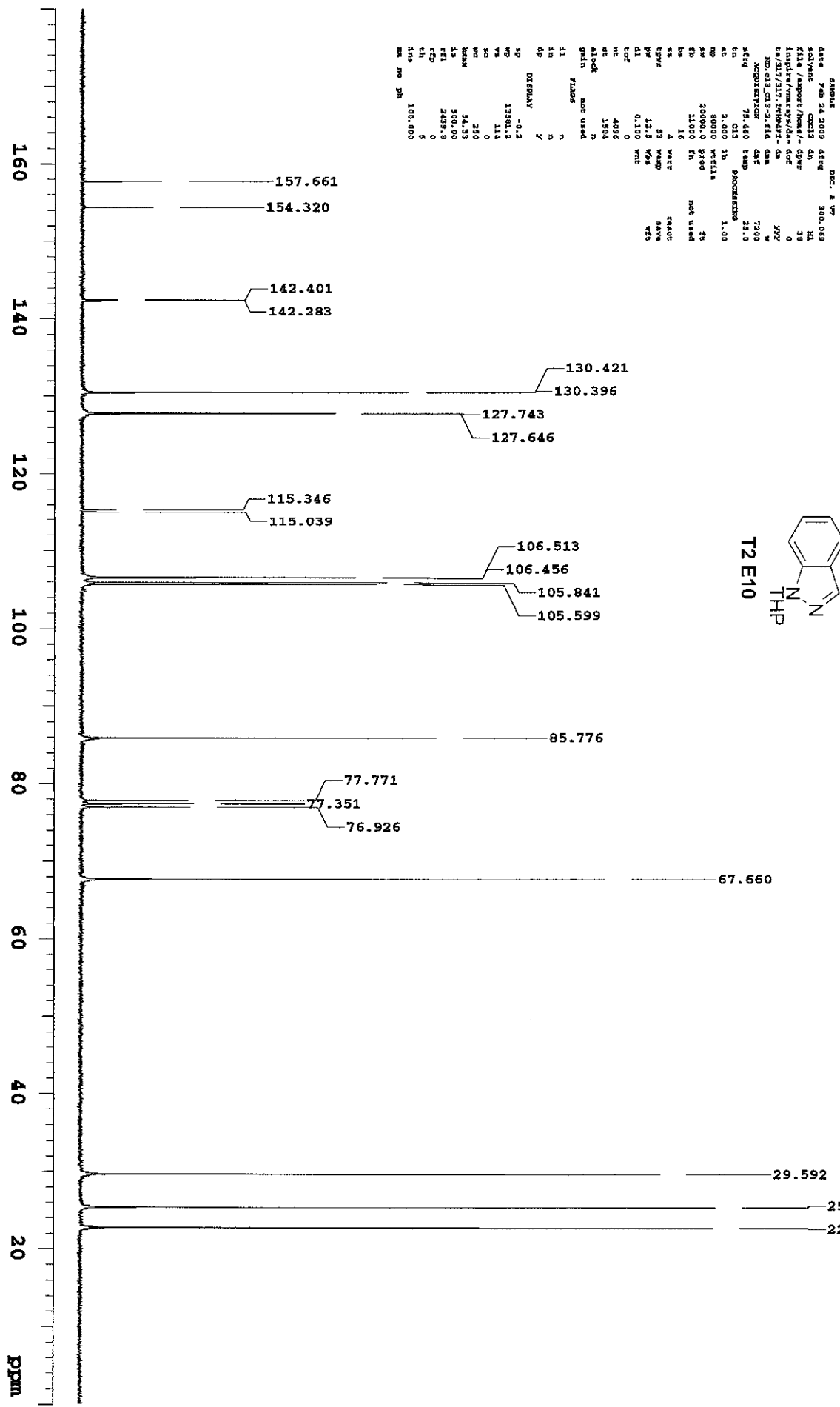
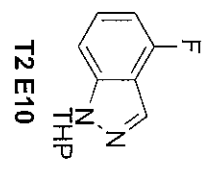
David Y. M. Ma
 Inspec/mercap/300 asp_27753
 317 Inspec/mercap/HL HL
 exp1 solth

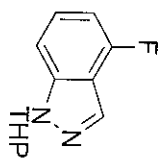
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 SW: 32000 wfile 5p
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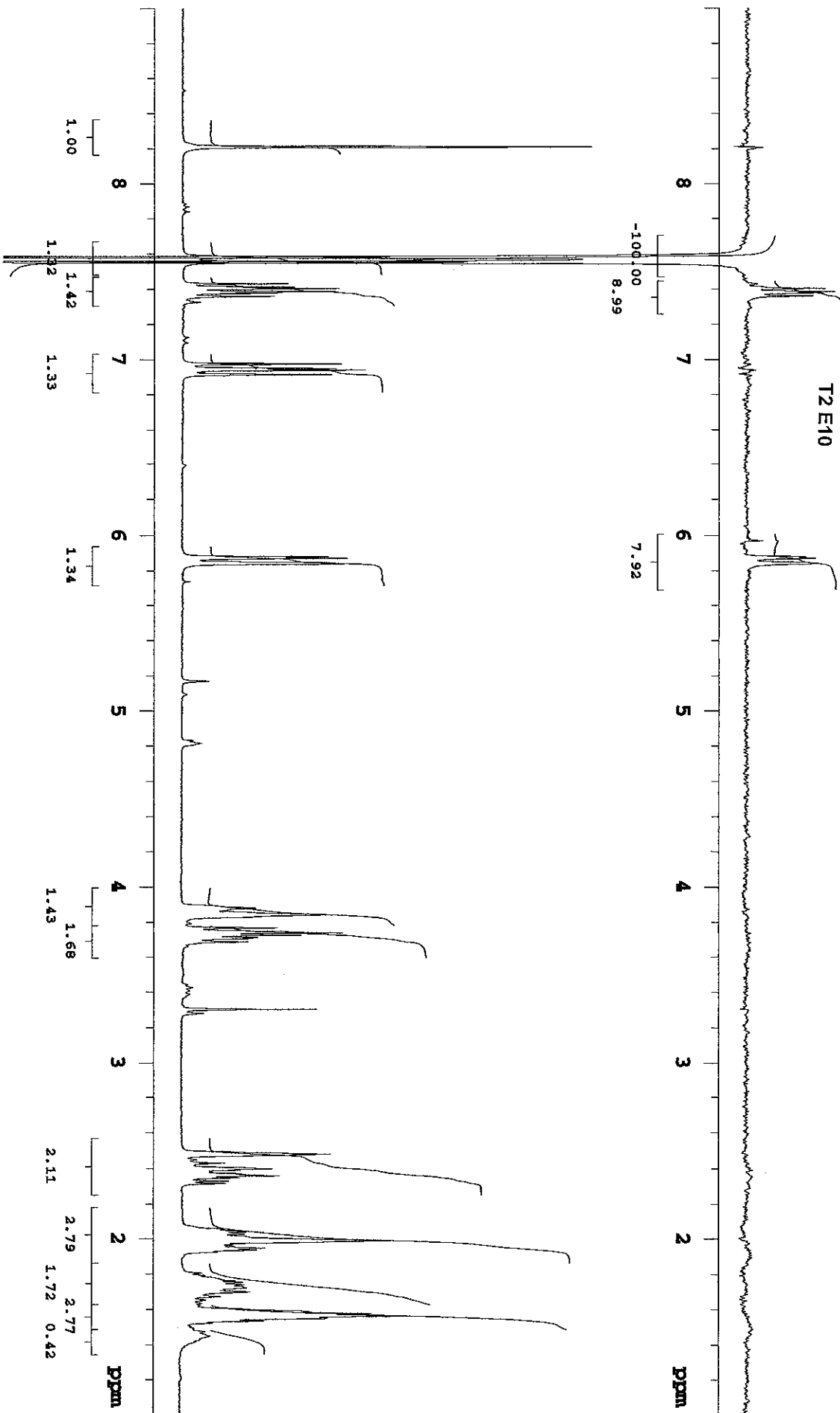
David J Klada
 sample name: 300 amw_21762
 117 11040710m.c13 c13
 exp# 26113

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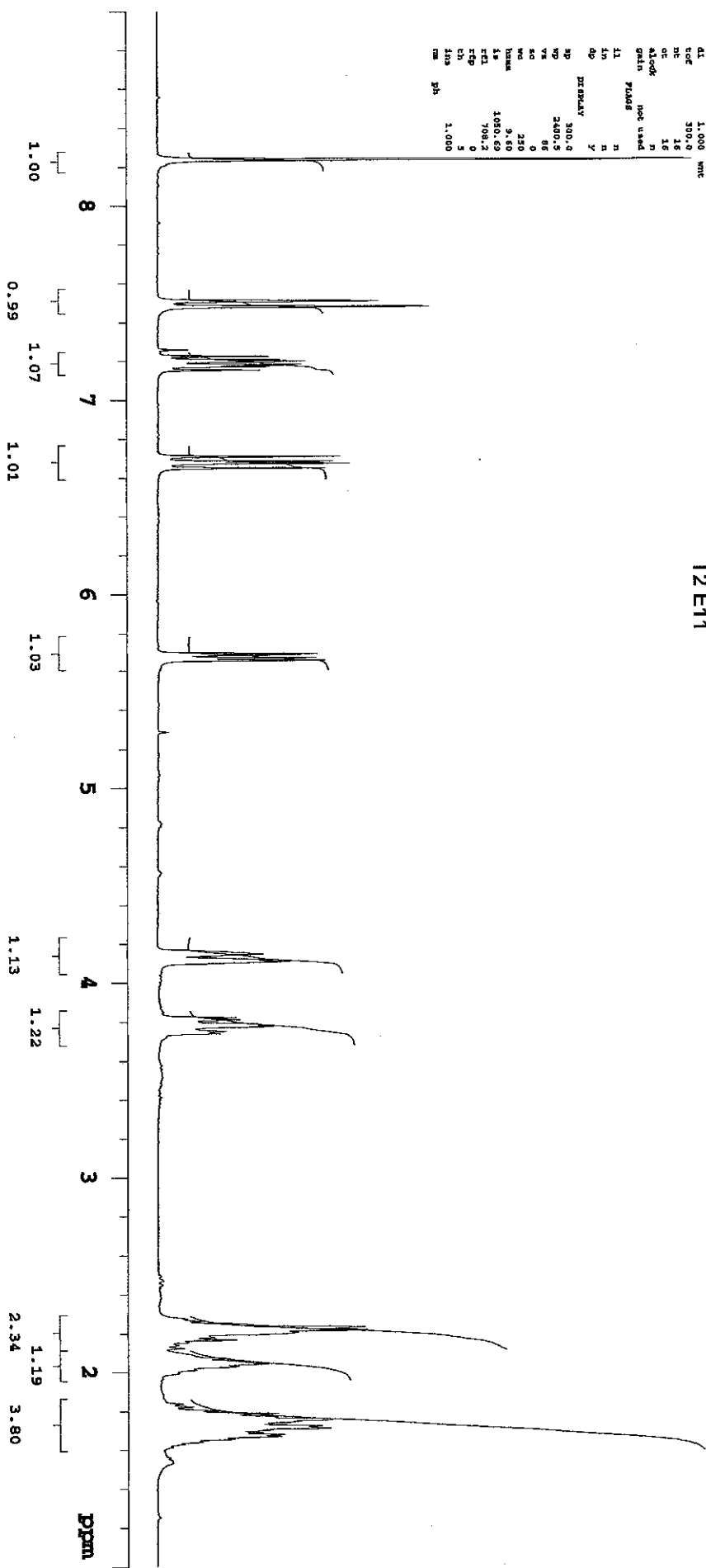
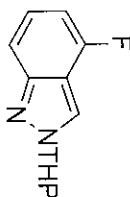


David J Siade
 Inspire mercplus-300 asw_27762
 317 174F.D noedit7.57
 DMSO-d₆



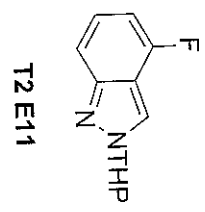
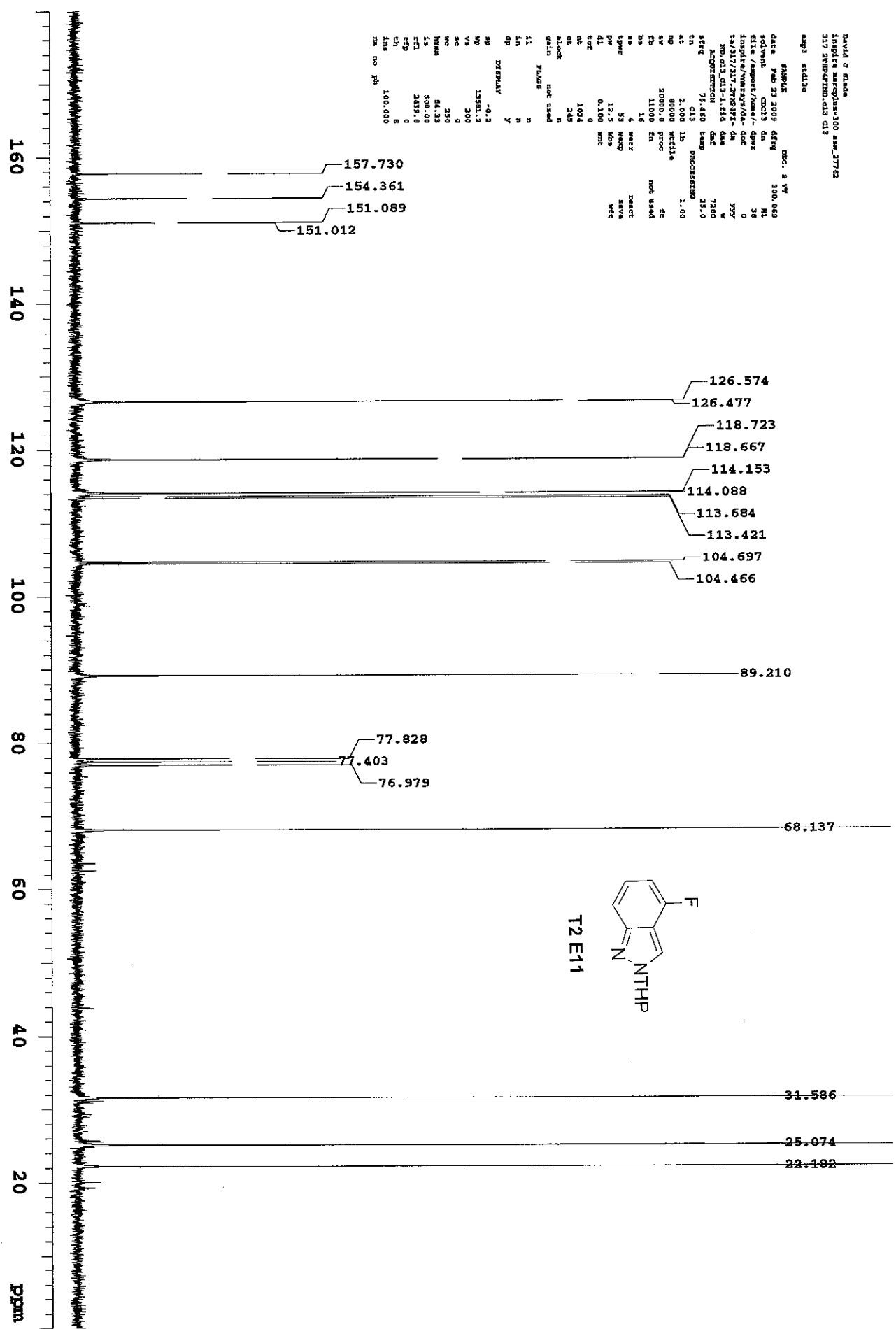
David J Glade
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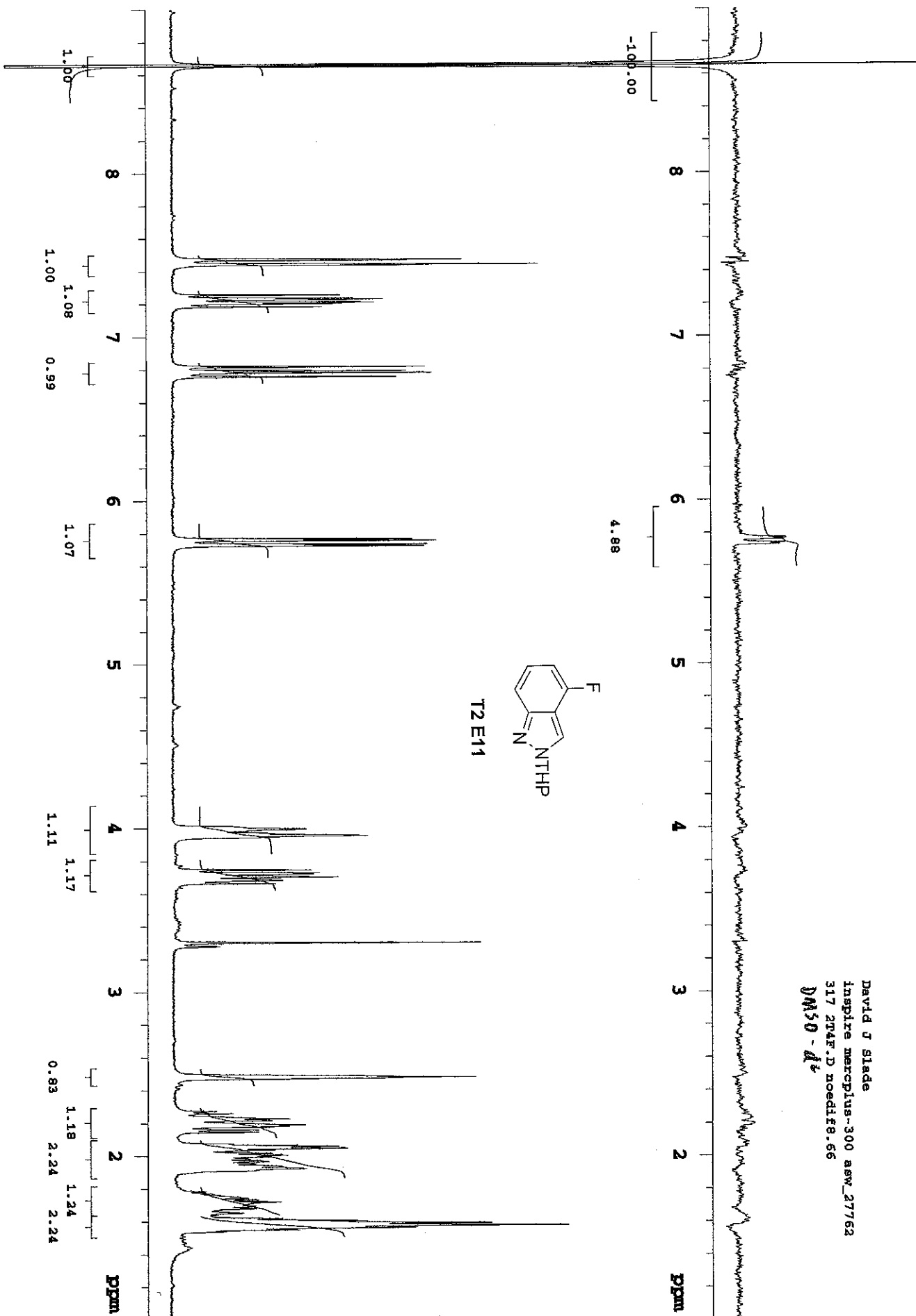


DAVID J Glada
 Insolve mac-cy1a-100 awc-377ca
 317 29849100.D13 C13
 awc3 sed13a

DATE: 2008 08 23 15:00:00
 TIME: 15:00:00
 FILE: /home/.../...
 NAME: 317 29849100.D13
 ACQUISITION: 75.460
 PROCESSED: 1.00
 SAVED: 1.00
 PRINTED: 1.00
 ...
 100.000
 100.000



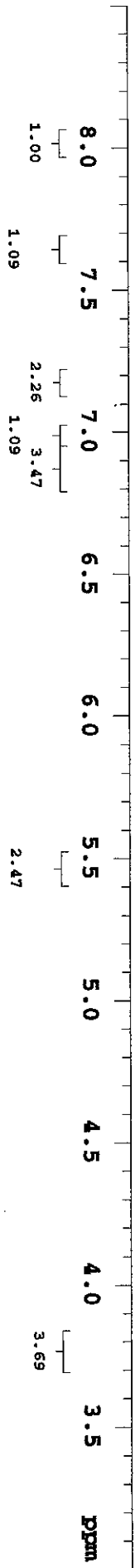
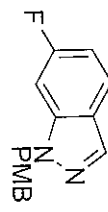
David J Slade
Inspire mercurius-300 ssw 27762
317 274F.D noedit9.66
DMSO-d₆

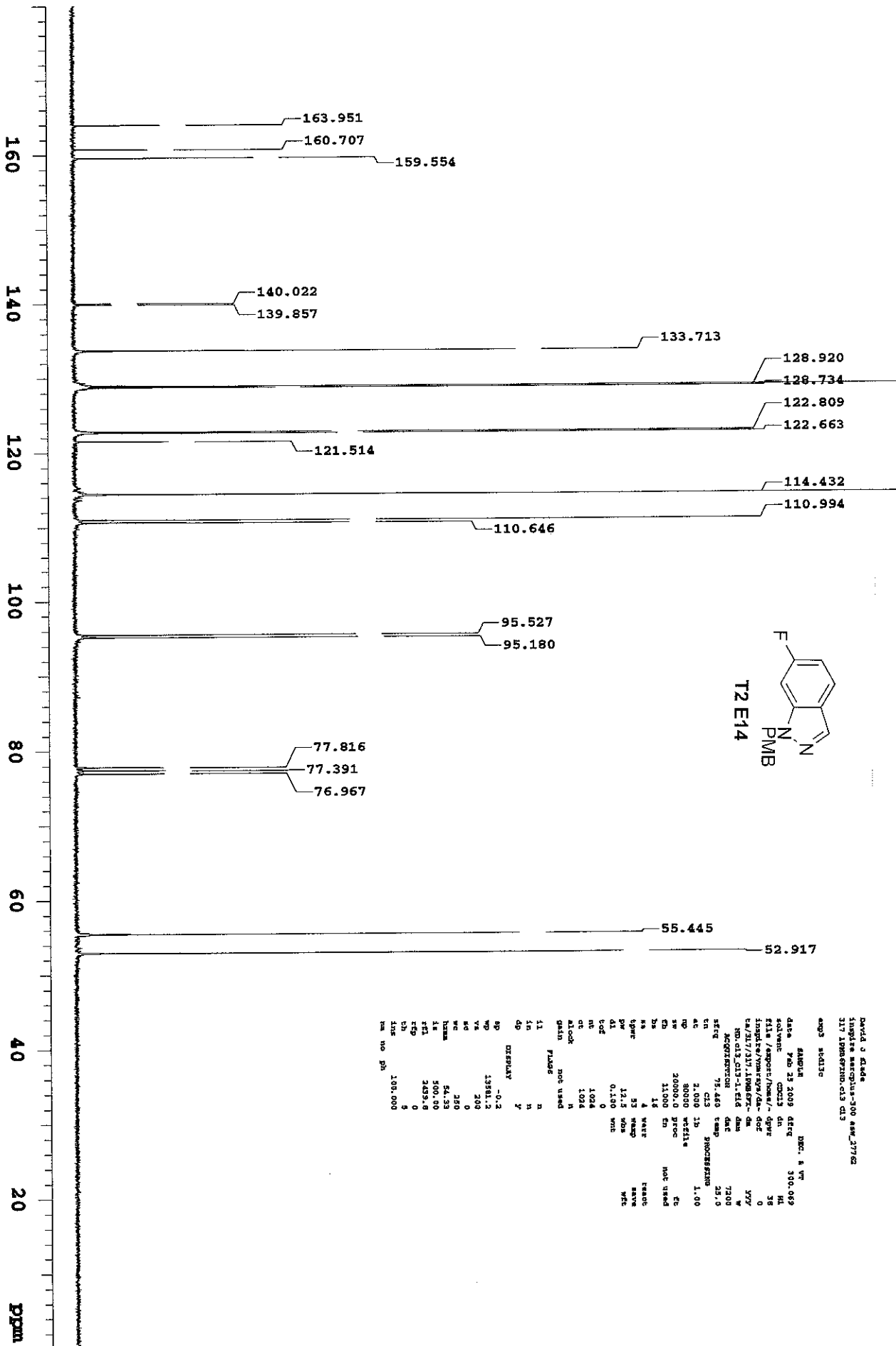


David J Rinda
inspire naspiqa-300 amc_27782
317 19868710.HI.HI

exp3 rec1h

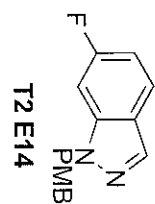
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DATE      Feb 24 2009   DEFG          300.069  
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INSPIRE   /nmanagyr/ds-  dot        0  
ts/317/317.19868710- ds     mm      0  
NO. IN    HI-1.E14  ds             0  
ACQUISITION 300.069  ds             200  
SFRQ      300.069  camp             25.0  
EN        HI 1D  PROGRESSING 0.25  
AS        4.000  1D  
AQ        4.000  1D  
RG        4328   1D  
FB        2800  dn             65236  
BS        4  
SS        4  varc  trace  
UGR      11.5  vbs   autoptoc  
PR       11.5  vbs   wfc  
DL       1.000  vhb  
EOF      300.0  
NT       16  
CR       16  
ALOCK   not used  
GAIN    19.05  
PULPROG  zgpg30  
LL       n  
LN       n  
DQ       y  
EXPERNAM  y  
AP       900.1  
AQ       1650.3  
VA       147  
VC       0  
WD       250  
NAME     6.50  
148.52  
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F41      5  
INSTR    1.000  
nm  
pb
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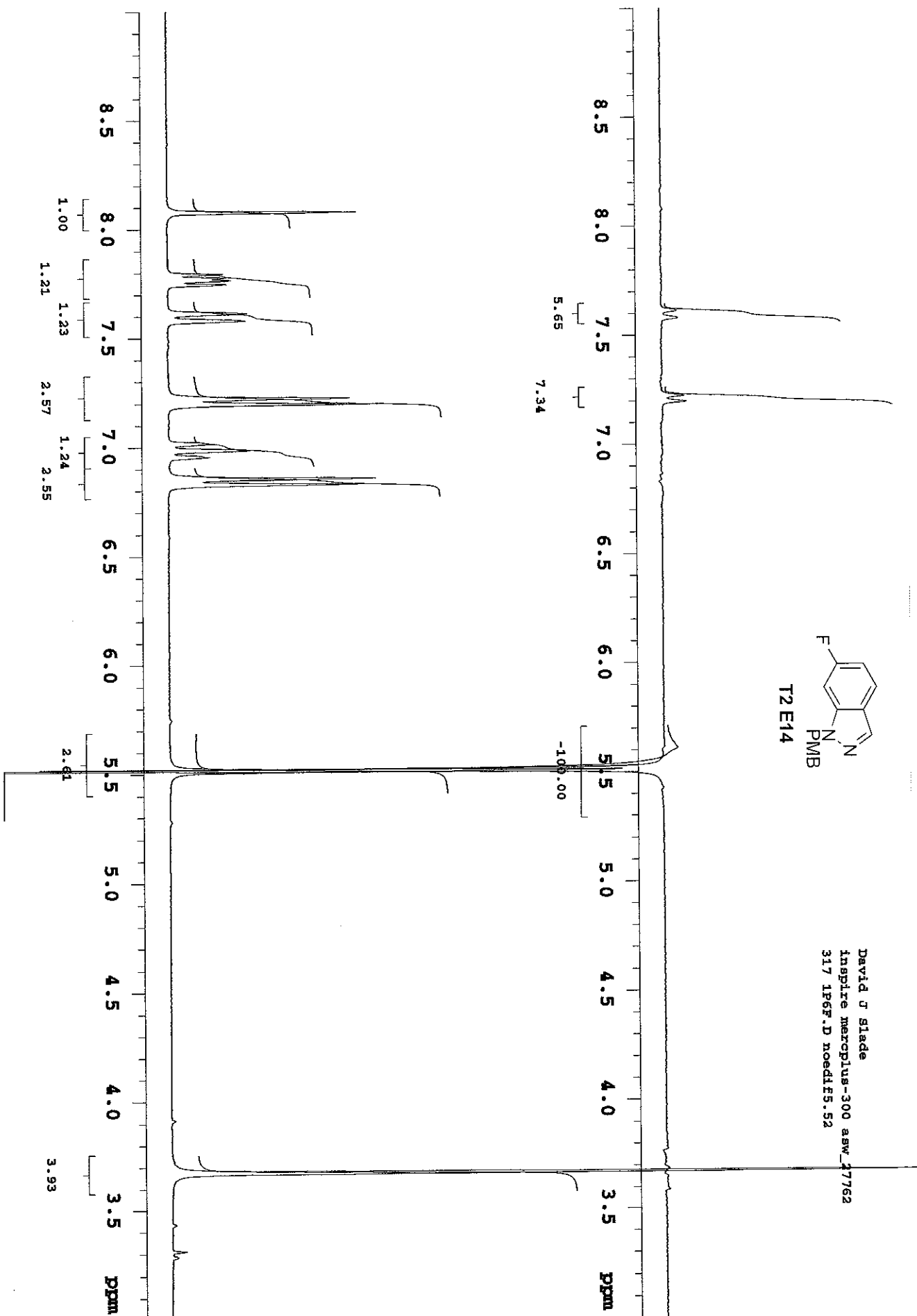


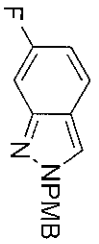
David J Glaser
 14998 Mainline-110 Ave, 27762
 117 18987910-013 013
 emp3 86113

NAME: 8 VY
 DATE: 7/25/2009
 TIME: 13:00
 INSTRUMENT: Bruker Avance 300
 PULPROG: zgpg30
 PROCNO: 1
 F2 - F1: 300.136000
 F1 - F0: 125.762700
 AQ: 2.000000
 RG: 2048
 SI: 32768
 SF: 125.762700
 DS: 4
 SWH: 161.824000
 FIDRES: 0.190000
 AQRES: 0.001000
 SFO: 300.136000
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David J Slade
 Inspire mercuryplus-300 asw_17762
 317 1P6F.D noedit5.52

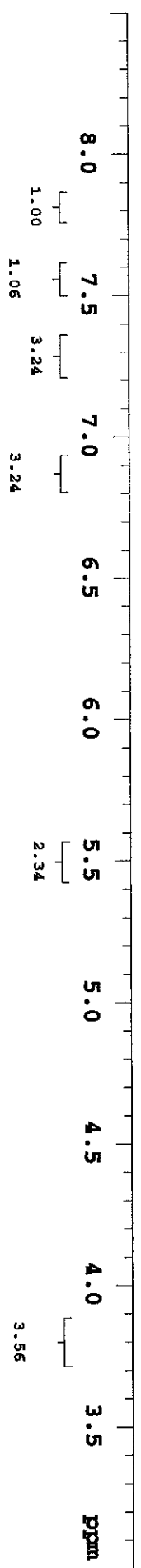


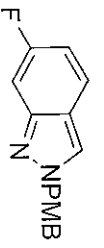


David J. Glaser
 11/15/14 16:00:00
 11/15/14 16:00:00
 11/15/14 16:00:00

amp; shifts

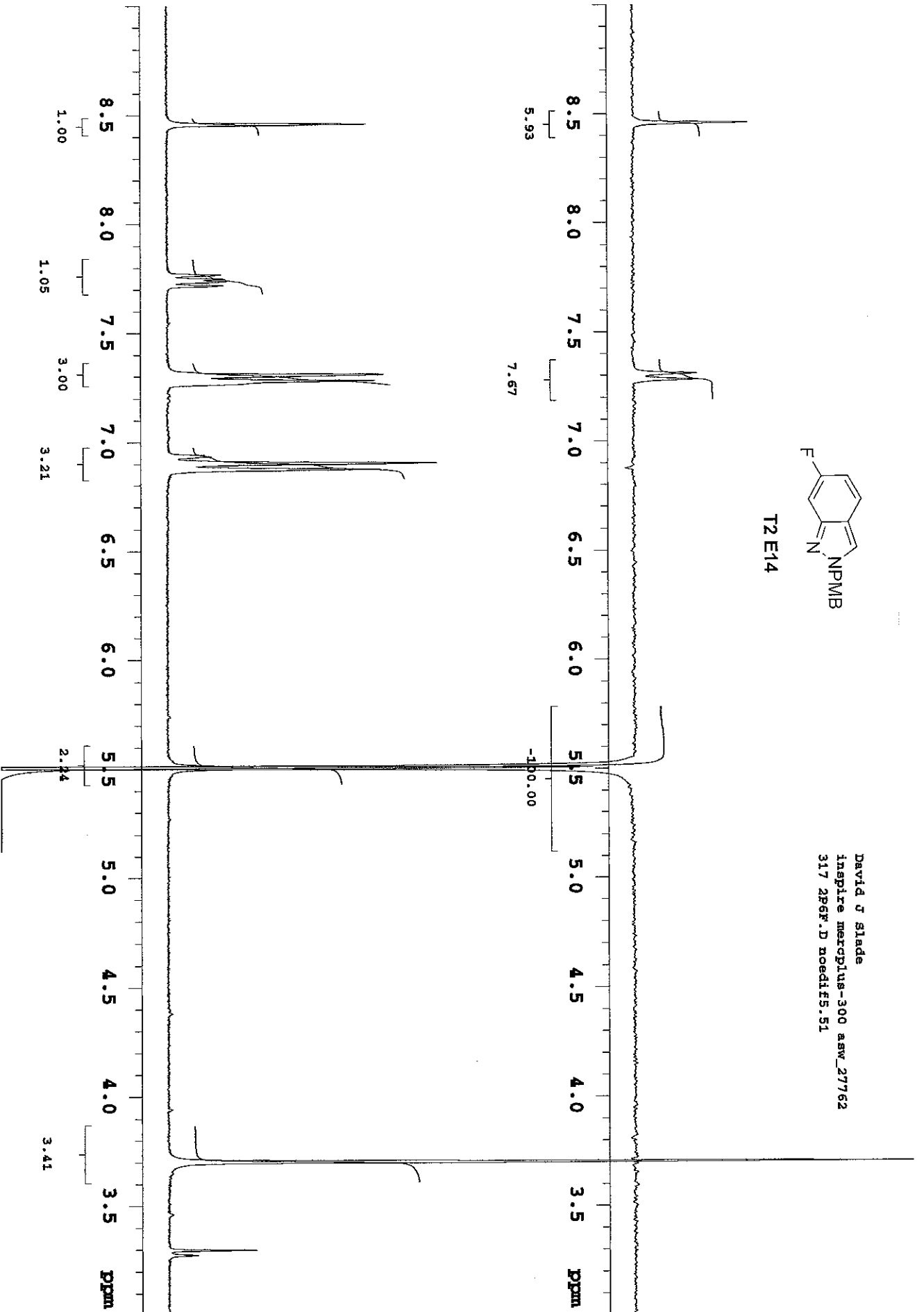
DATE	TIME	FILE	PROC	INSTR	PROG	NUC1	NUC2	NUC3	NUC4	NUC5	NUC6	NUC7	NUC8	NUC9	NUC10	NUC11	NUC12	NUC13	NUC14	NUC15	NUC16	NUC17	NUC18	NUC19	NUC20	NUC21	NUC22	NUC23	NUC24	NUC25	NUC26	NUC27	NUC28	NUC29	NUC30	NUC31	NUC32	NUC33	NUC34	NUC35	NUC36	NUC37	NUC38	NUC39	NUC40	NUC41	NUC42	NUC43	NUC44	NUC45	NUC46	NUC47	NUC48	NUC49	NUC50	NUC51	NUC52	NUC53	NUC54	NUC55	NUC56	NUC57	NUC58	NUC59	NUC60	NUC61	NUC62	NUC63	NUC64	NUC65	NUC66	NUC67	NUC68	NUC69	NUC70	NUC71	NUC72	NUC73	NUC74	NUC75	NUC76	NUC77	NUC78	NUC79	NUC80	NUC81	NUC82	NUC83	NUC84	NUC85	NUC86	NUC87	NUC88	NUC89	NUC90	NUC91	NUC92	NUC93	NUC94	NUC95	NUC96	NUC97	NUC98	NUC99	NUC100						
DATE	Feb 25 2003	TIME	09:00	FILE	304.069	PROC	PROC	INSTR	FTIR	PROG	PROC	NUC1	NUC2	NUC3	NUC4	NUC5	NUC6	NUC7	NUC8	NUC9	NUC10	NUC11	NUC12	NUC13	NUC14	NUC15	NUC16	NUC17	NUC18	NUC19	NUC20	NUC21	NUC22	NUC23	NUC24	NUC25	NUC26	NUC27	NUC28	NUC29	NUC30	NUC31	NUC32	NUC33	NUC34	NUC35	NUC36	NUC37	NUC38	NUC39	NUC40	NUC41	NUC42	NUC43	NUC44	NUC45	NUC46	NUC47	NUC48	NUC49	NUC50	NUC51	NUC52	NUC53	NUC54	NUC55	NUC56	NUC57	NUC58	NUC59	NUC60	NUC61	NUC62	NUC63	NUC64	NUC65	NUC66	NUC67	NUC68	NUC69	NUC70	NUC71	NUC72	NUC73	NUC74	NUC75	NUC76	NUC77	NUC78	NUC79	NUC80	NUC81	NUC82	NUC83	NUC84	NUC85	NUC86	NUC87	NUC88	NUC89	NUC90	NUC91	NUC92	NUC93	NUC94	NUC95	NUC96	NUC97	NUC98	NUC99	NUC100





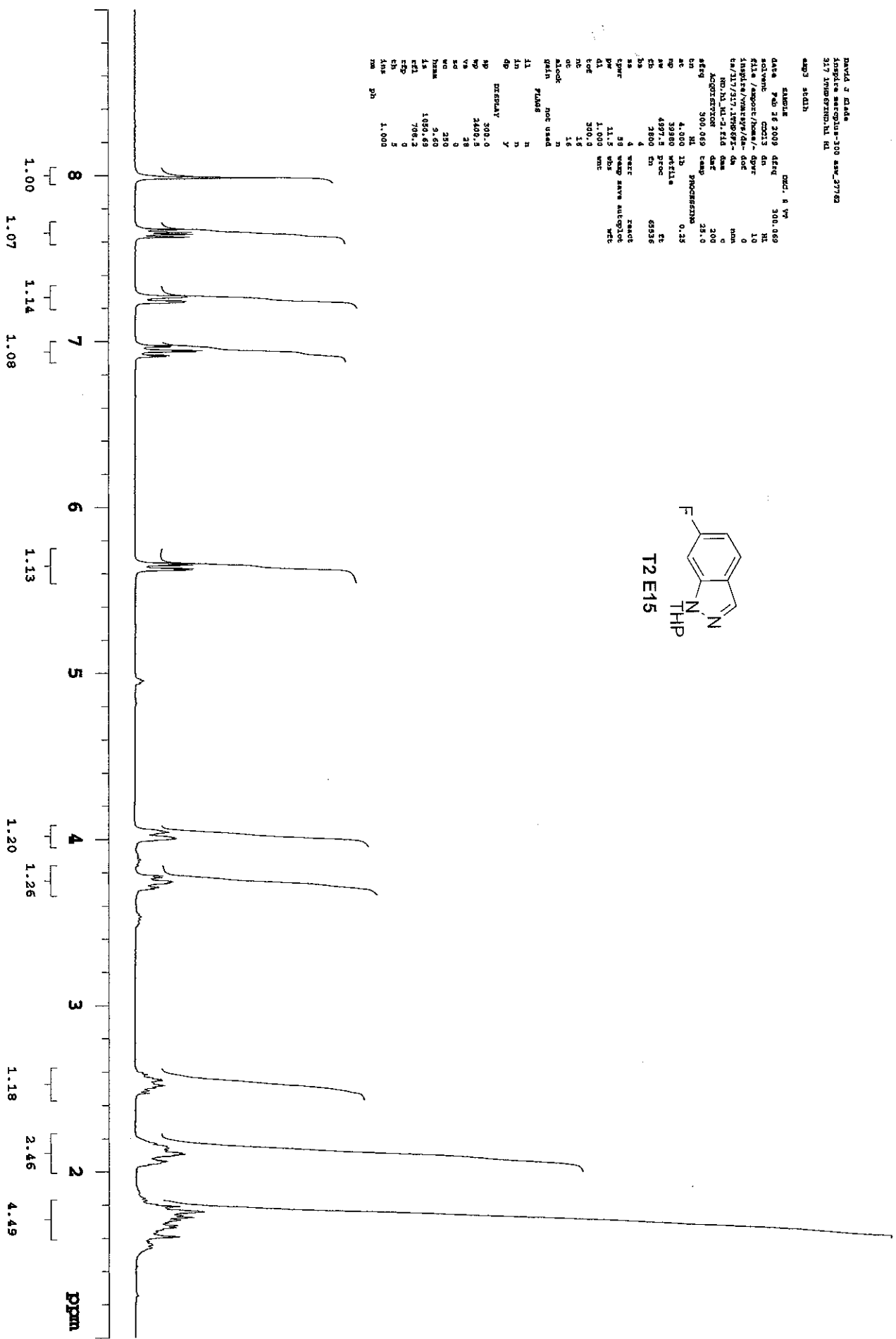
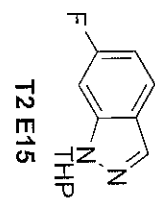
T2E14

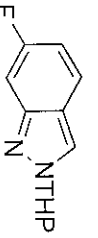
David J Slade
Inspire mercuryplus-300 asw_27762
317 2p6f.D noed1f5.51



David J Glada
 Sample name: 310 sev_37762
 317 17068700.HI.FI

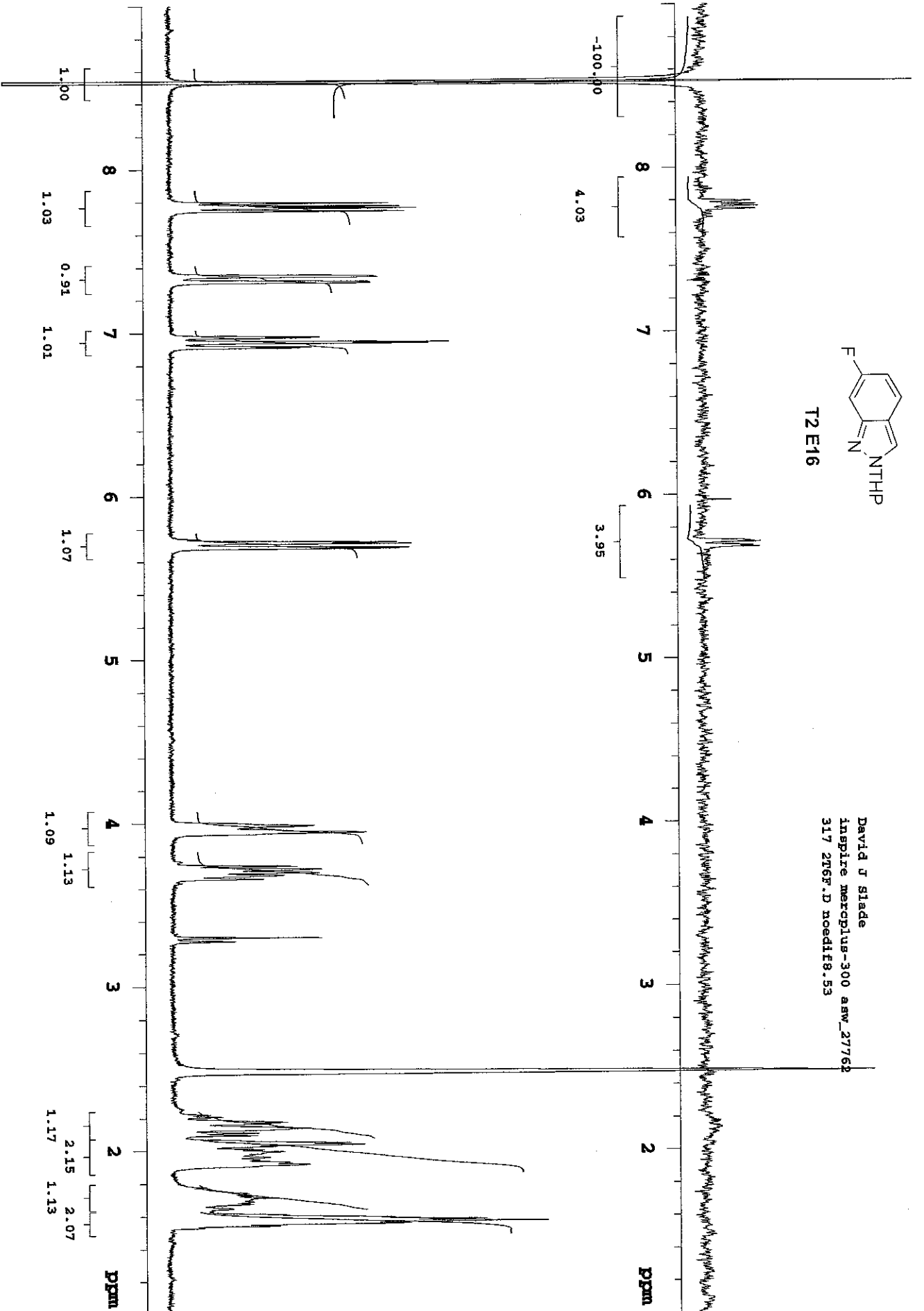
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 SOLVENT: dmf-d7
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 TM: 11/17/17 17068700.HI.FI
 NO. IN NL: 2, FID: dmf
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 PC: 4.000
 PD: 0.000
 PE: 0.000
 PF: 0.000
 PG: 0.000
 PH: 0.000
 PI: 0.000
 PJ: 0.000
 PK: 0.000
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 PO: 0.000
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 PS: 0.000
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 PV: 0.000
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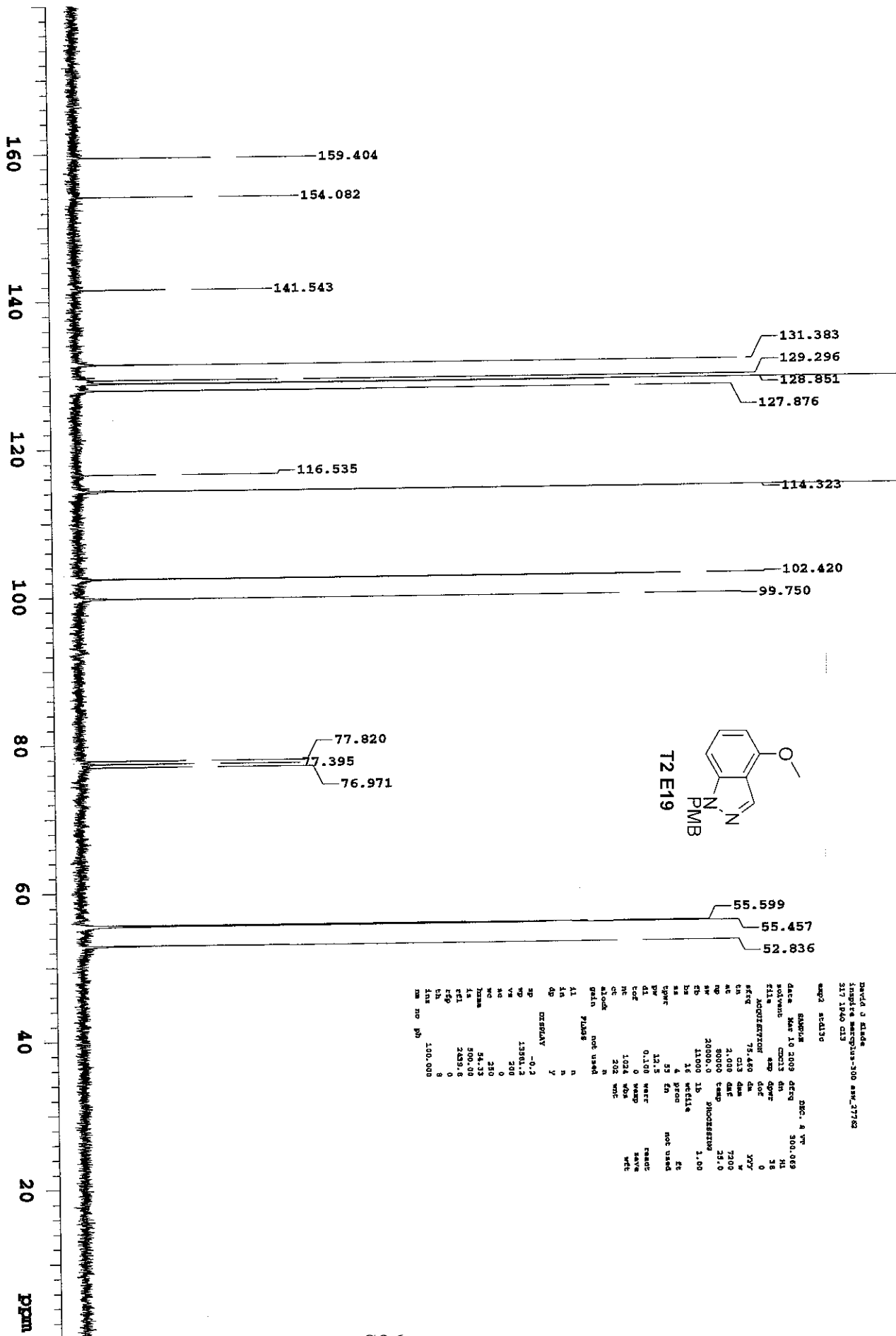




T2 E16

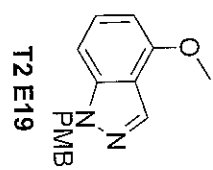
David J Siade
Inspire mercury-300 asw_27762
317 276F.D noeditf8.53



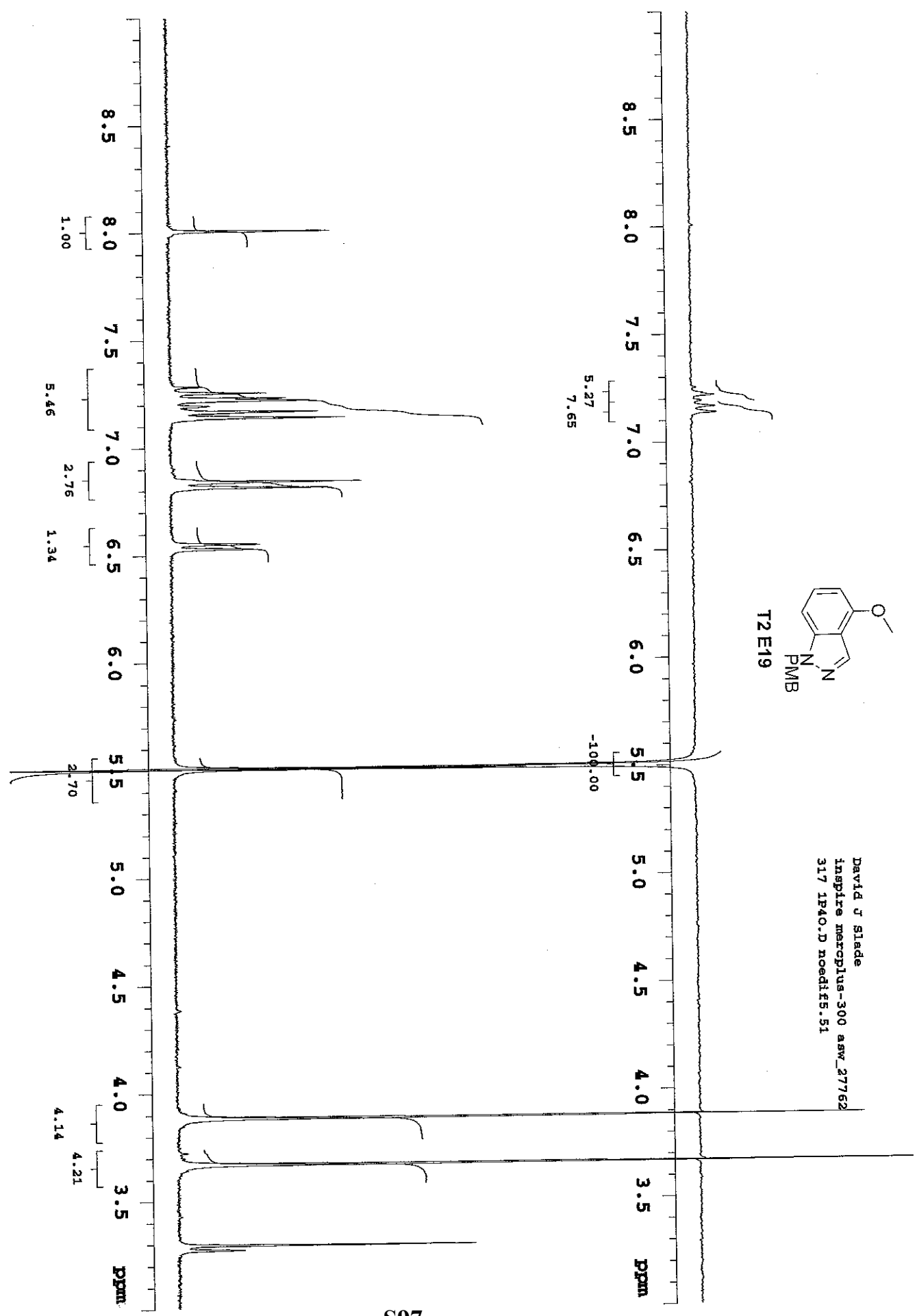


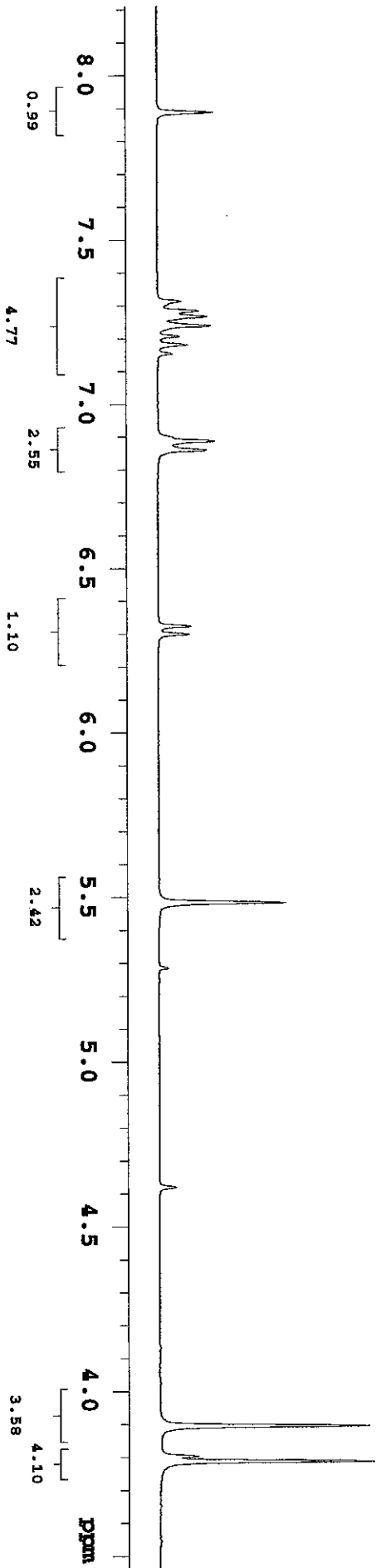
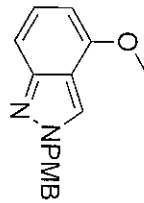
David J. Glade
 Sample macqpus-300 aw_17782
 317 1940 C13
 exp1 acd130

NAME	DATE	TIME	PROC.	FILE
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solvent	CDCl3	dn	HL	18
file	exp	09:00	0	0
ADDITION				
freq	75.480	dm	300	0
ch	CD3	dm	W	7200
at	1.000	dm	W	7200
np	80000	temp	25.0	25.0
sw	20000.0	PROCESSED	1.00	
eb	11000	lb		
ba	18	relax		
sa	35	proc		
oper	13.5	en		
di	0.100	veer		
lof	0	veer		
ne	1024	WDA		
ct	202	wt		
alock	n	not used		
gain	n	not used		
PLANS				
x1	n			
x2	n			
x3	n			
op	y			
DEPRIV				
np	-0.2			
vp	13801.2			
vm	200			
sc	0			
wc	250			
zmax	54.33			
fa	500.00			
ef1	2439.8			
ef2	0			
en	8			
in	100.000			
nm	mp	00		



David J Slade
 Inspire marcpplus-300 asw_27762
 317 1P40.D noeditf5_51

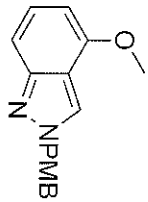
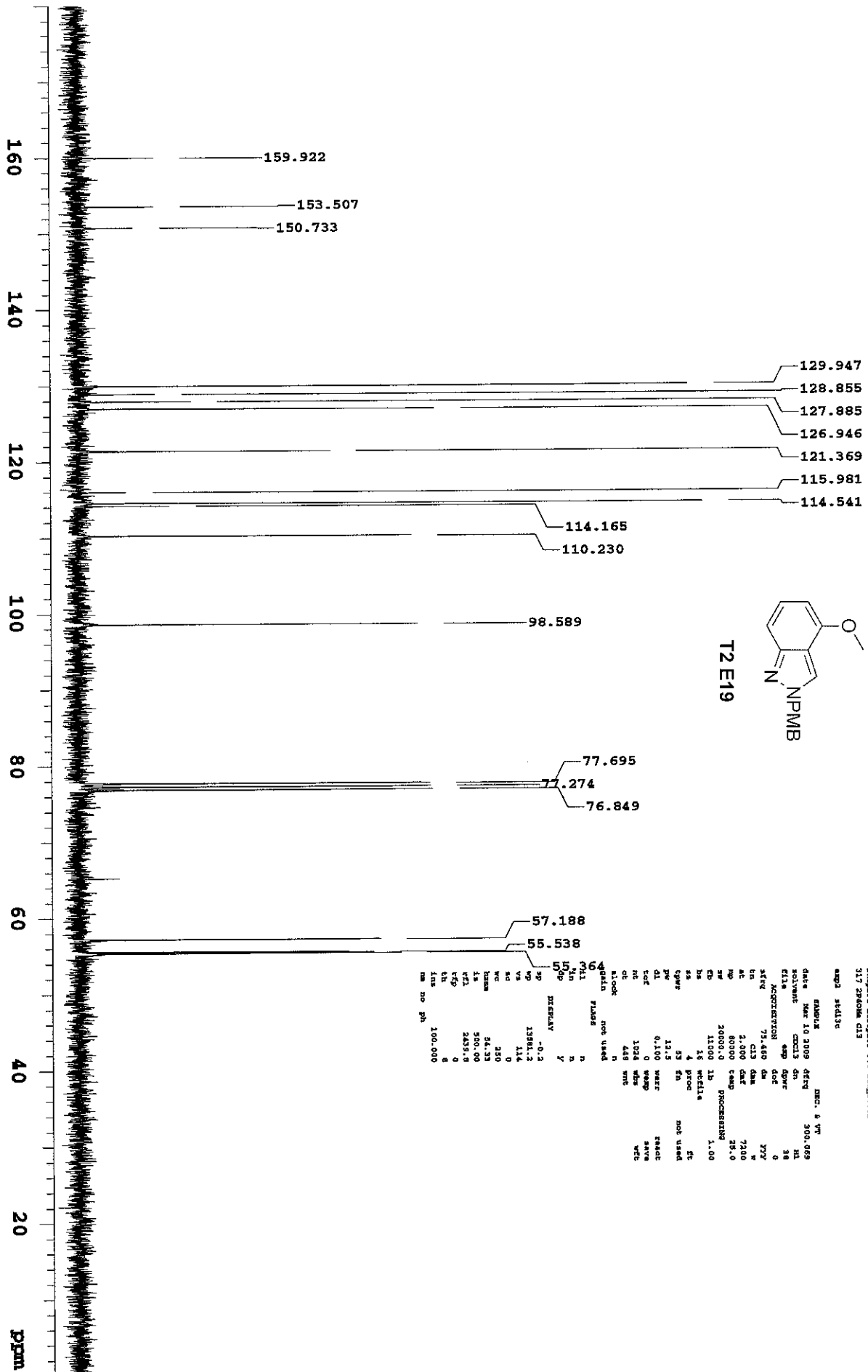




David J Rader
 JNM-FX 300 MHz-300 MHz JPY762
 217 242026 N1

amp: scale

NAME	DATE	TIME	INSTR	PROG	PROC	PRIN	PR2	PR3	PR4	PR5	PR6	PR7	PR8	PR9	PR10
NAME	Mar 10 2003	08:49	300 MHz	1D	zgpg30										
DATE	Mar 10 2003	08:49	300 MHz	1D	zgpg30										
TIME	08:49	08:49	300 MHz	1D	zgpg30										
INSTR	300 MHz	08:49	300 MHz	1D	zgpg30										
PROG	zgpg30	08:49	300 MHz	1D	zgpg30										
PROC	zgpg30	08:49	300 MHz	1D	zgpg30										
PRIN	zgpg30	08:49	300 MHz	1D	zgpg30										
PR2	zgpg30	08:49	300 MHz	1D	zgpg30										
PR3	zgpg30	08:49	300 MHz	1D	zgpg30										
PR4	zgpg30	08:49	300 MHz	1D	zgpg30										
PR5	zgpg30	08:49	300 MHz	1D	zgpg30										
PR6	zgpg30	08:49	300 MHz	1D	zgpg30										
PR7	zgpg30	08:49	300 MHz	1D	zgpg30										
PR8	zgpg30	08:49	300 MHz	1D	zgpg30										
PR9	zgpg30	08:49	300 MHz	1D	zgpg30										
PR10	zgpg30	08:49	300 MHz	1D	zgpg30										



DAVID J. ELKINS
 ANALYSIS REPORT-310 REV. 2/7/82
 317 2500M GAS
 exp2 sk13c

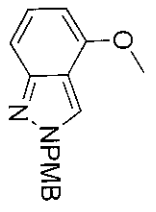
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 FILM: MCRTECHN
 ACFT: 71.480 dm
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 NS: 80000
 EP: 20000.0
 DS: 11000 ID
 BS: 16 wells
 SA: 4 proc
 SG: 53 fm
 PW: 12.5
 DL: 0.100
 LG: 0
 HC: 1024 W20
 OR: 489 W10
 ST: not used
 VQ: not used
 YG: not used
 PHAS: not used

DEC. 5 97
 300.069
 HL
 38
 0
 Y72
 7300
 25.0
 1.00

NAME: N
 CH: n
 N: n
 U: y
 H: y
 P: y
 S: y
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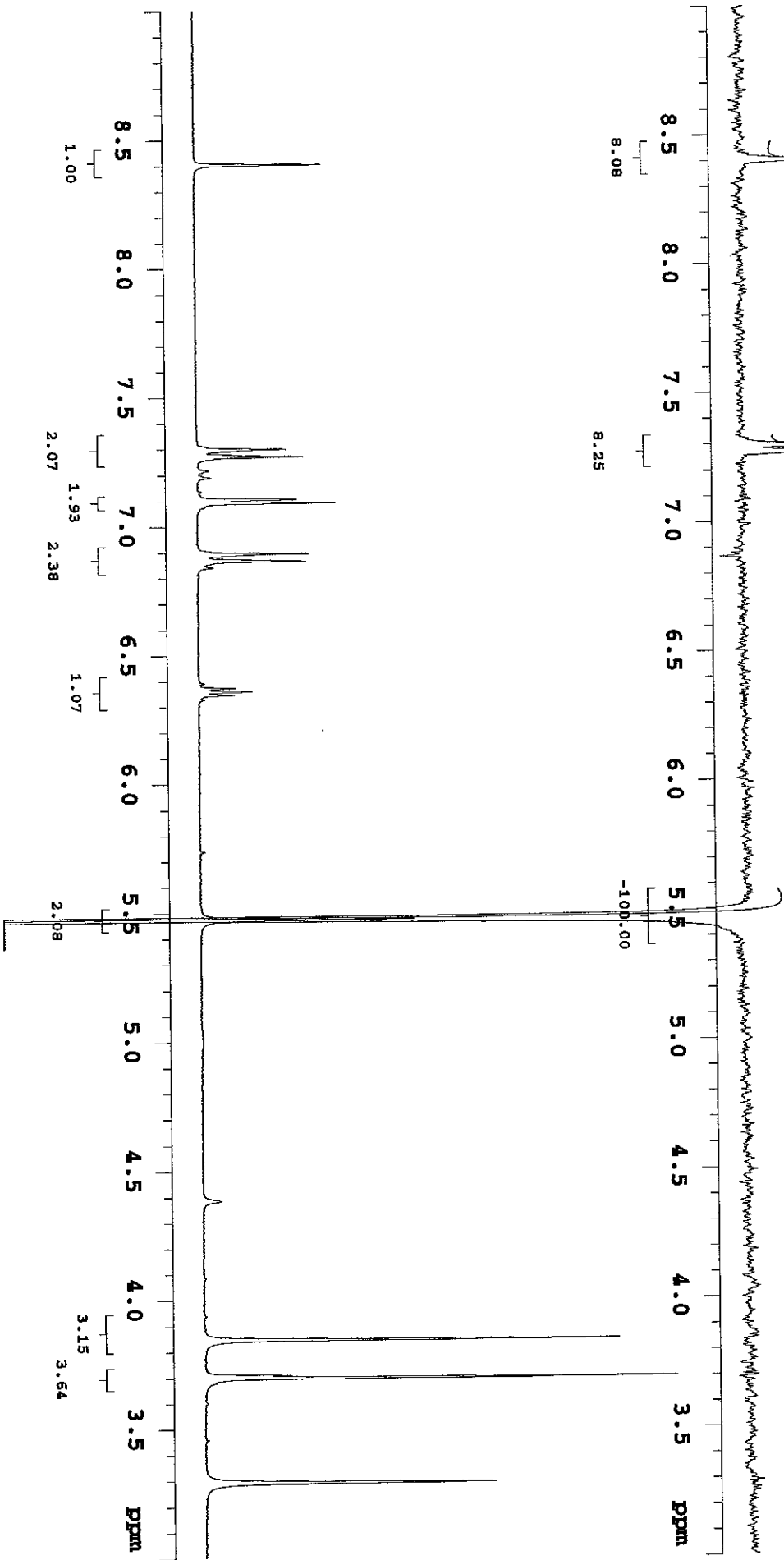
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 VS: 114
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 WGM: 500.00
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 F100: 0

nm no ph 100.000



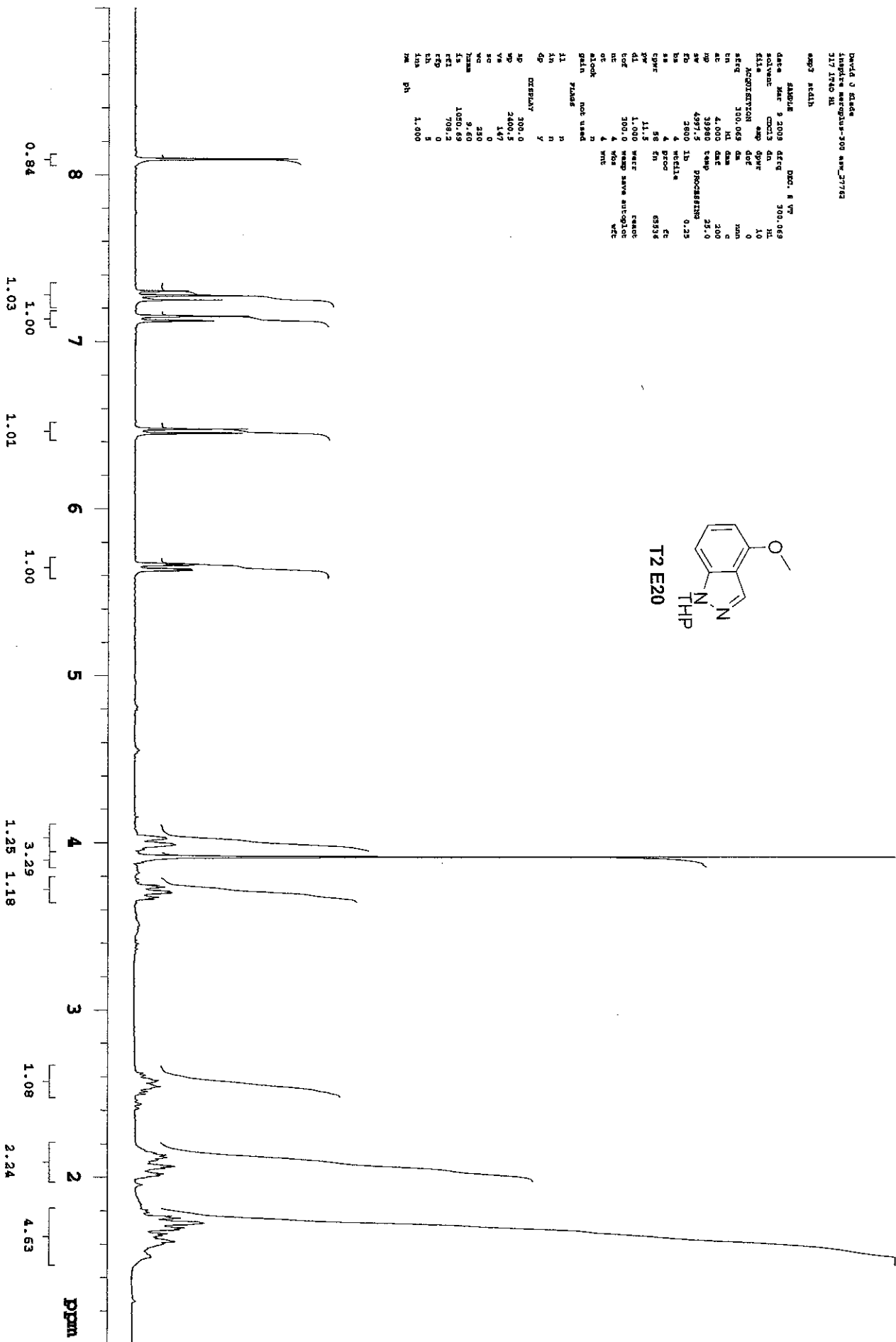
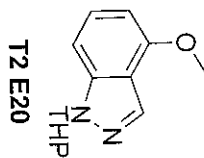
T2 E19

David J Slade
Inspire meropius-300 asw_27762
317 2P40.D noedit5.48



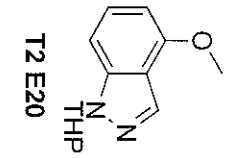
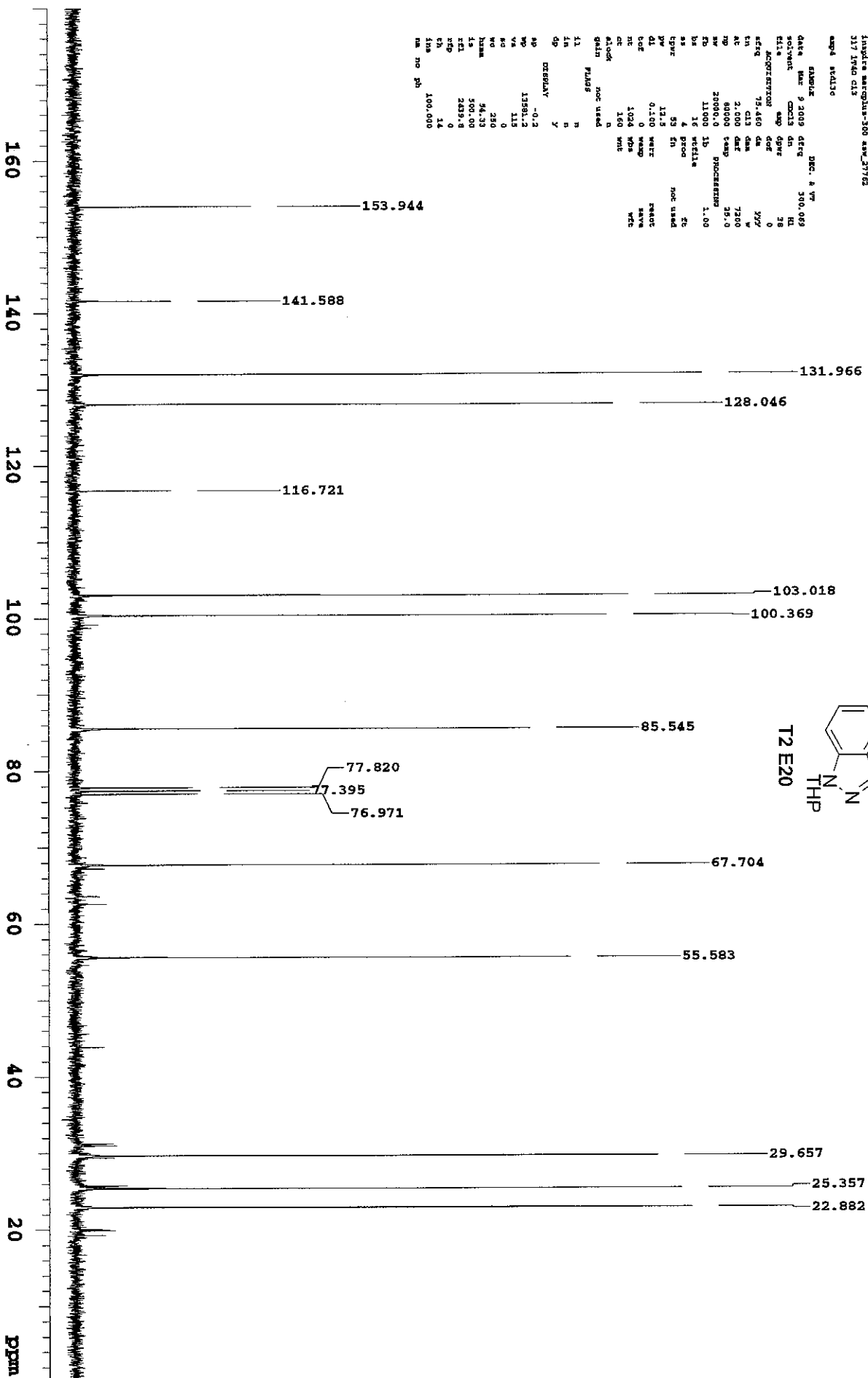
David J Stade
 Insiplex mercurius-300 msw_27782
 11/7/80 IN
 amp3 scd11b

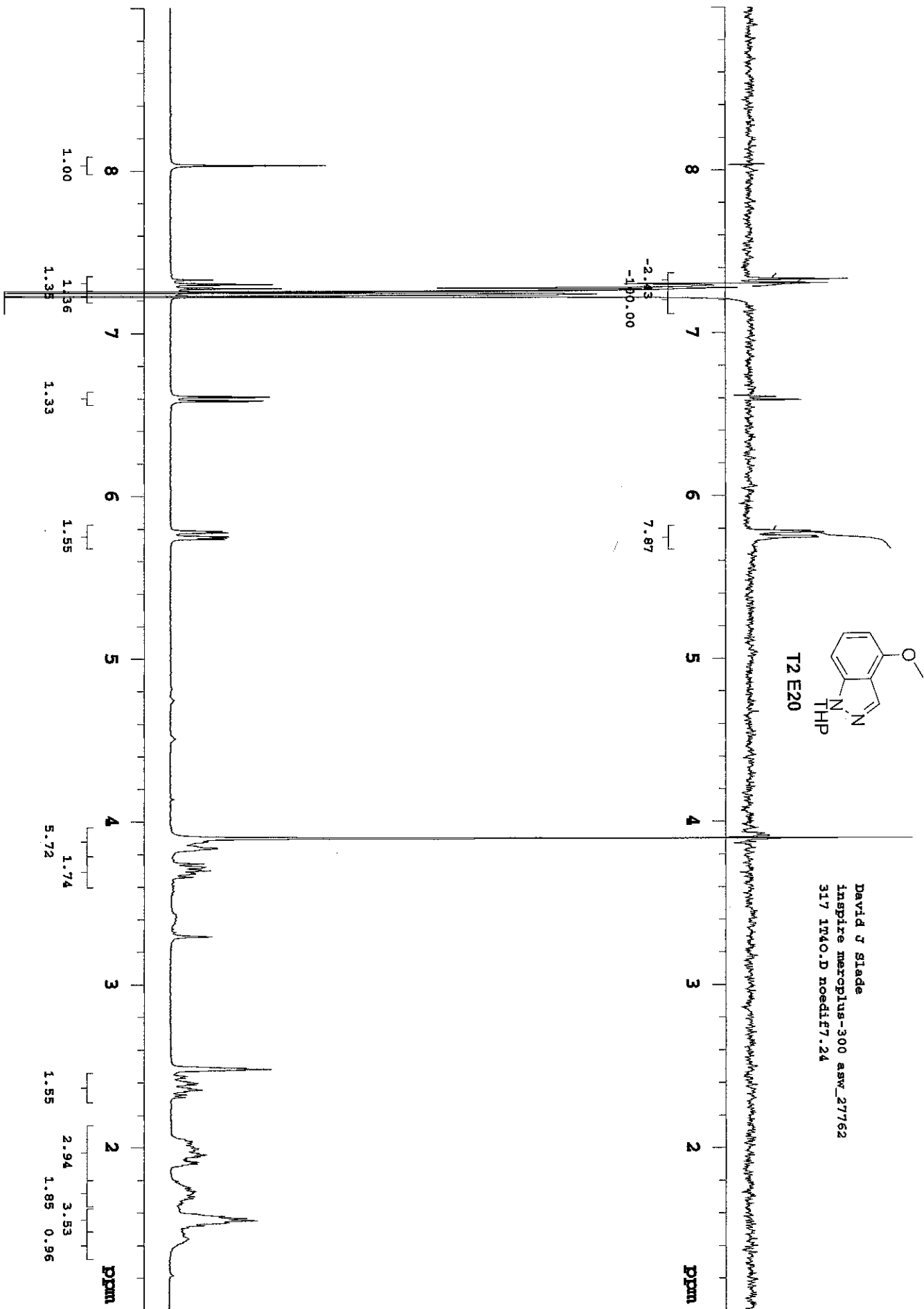
SAMPLE DCT. 8 VM
 DATE MAR 9 2009 DEFC 300.069
 SOLVENT CDCl3 dn HL
 FILE amp dprvr 1.0
 ACQUISITION 100.063 dm 0
 CH 101 dm 200
 AC 4.000 dact 23.0
 NP 43980 comp 300.069
 PR 2800 1p 300.069
 DA 4 wdrils 0.25
 SA 4 pproc
 SPWR 58 fm 63336
 PW 11.5
 DL 1.000 warr
 TOF 300.0 warr save autogator
 NC 4 wdr
 DC 4 wdr
 AT look
 gain not used
 gain phase
 IL n
 IN n
 DP Y
 OBSERV Y
 NP 300.0
 SP 2400.5
 VS 147
 SC 0
 VC 280
 WZ 2.40
 X 1.000
 Y 708.2
 Z 0
 CH 5
 LNA 1.000
 RM ph



David J Glada
 Instrukta maru@duke-300 aww_27762
 117 1740 CL3
 amp4 841130

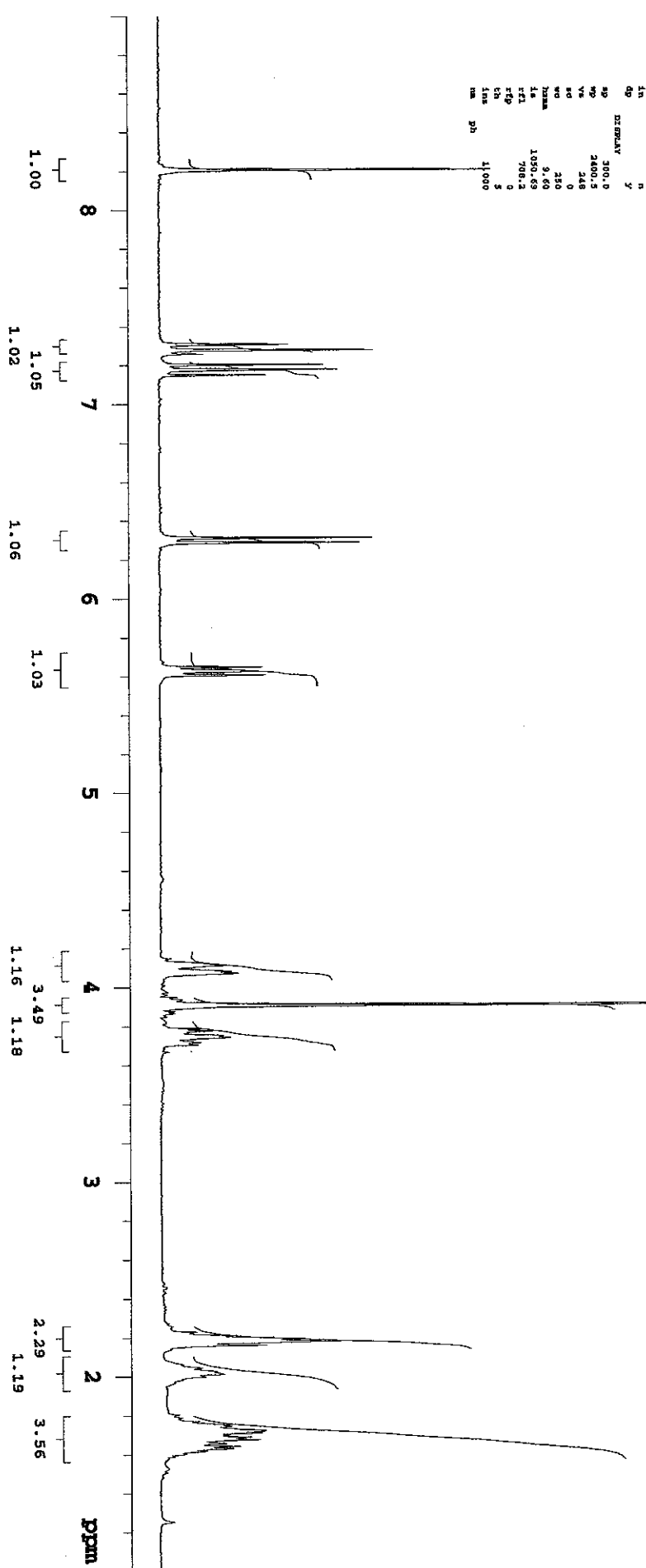
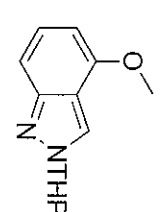
DATE: DEC 8 1978
 TIME: 9 20:09
 INSTR: 300
 ACQUISITION: 1000000
 PROCESSOR: 1.00
 PULSES: 1000000
 FREQ: 100.618
 PHASE: 0.000
 GAIN: 100.000
 SCALED: 100.000
 OFFSET: 0.000
 REF: 100.618
 WGT: 1.000
 MODE: 100.000
 UNIT: 100.000
 NAME: 100.000





DAVID J Glade
146p4re marcp4re-300 raw_27783
317 2760 H1
exp3 300H1

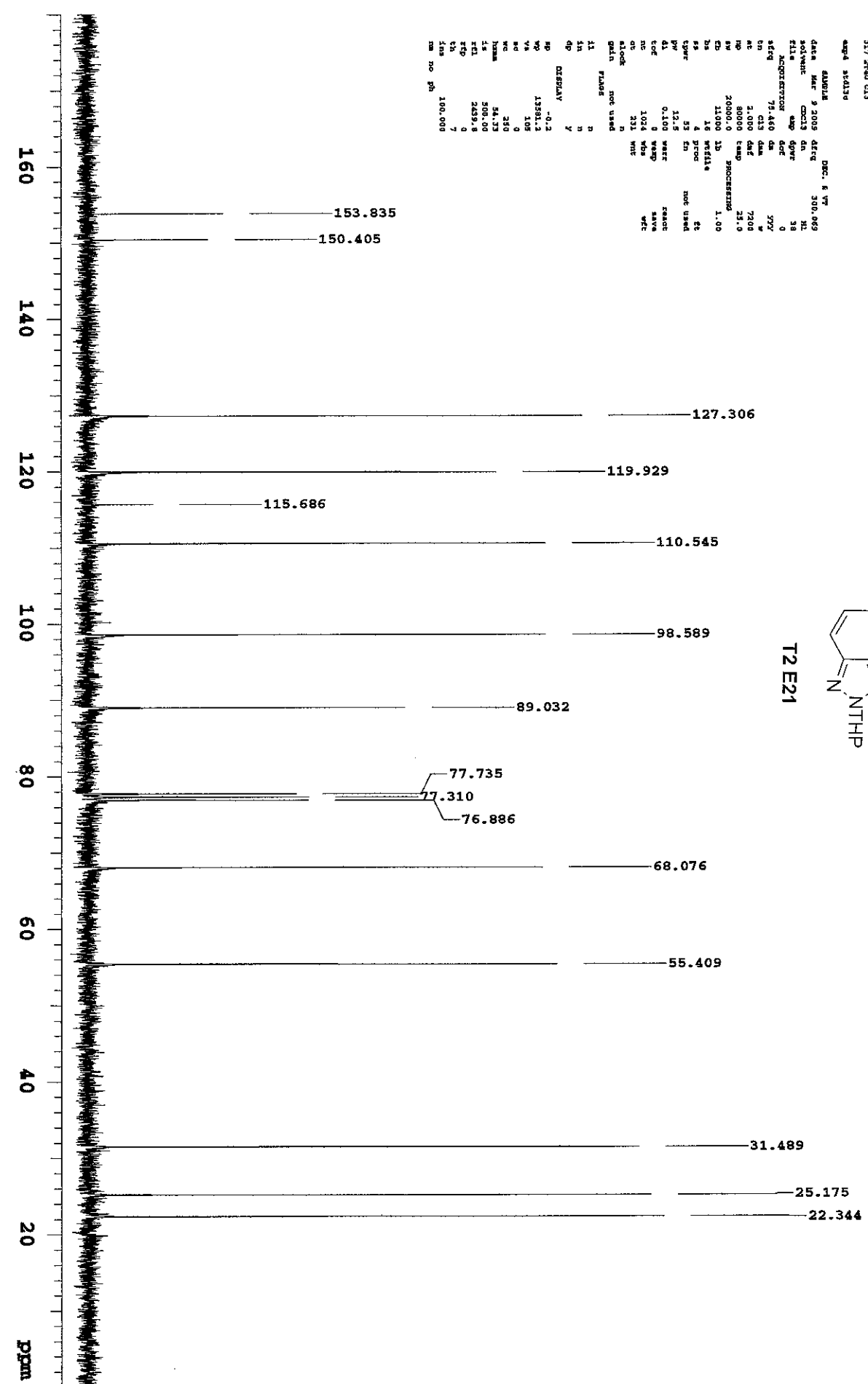
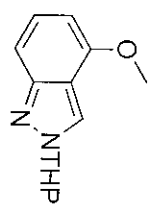
SAMPLED 2000 2000 2000 2000 2000
DATE_09 09 09 09 09 09 09 09 09 09
SOLVENT CDCl3 d6
ELEM C10H11NO
MOLECULAR WT 173.19
CONCENTRATION 300.069 gm
EXCH 4.000 dm
AC 4.000 dm
INSTRUM 400 MHz
NUC1 13C
NUC2 1H
PULPROG zgpg30
PROCNAME 2D
PROCNO 1
PROBHD 5 mm
SFO 300.136 MHz
WDW EM
SSB 0
LB 30.00 Hz
GB 0
PC 11.500 usec
DC 1.000 usec
TE 300.2 K
AQ 4.000 sec
RG 327.680
AQ 4.000 sec
RG 327.680
FID 1
SFO 11.000 MHz
WDW EM
SSB 0
LB 30.00 Hz
GB 0
PC 11.500 usec
DC 1.000 usec
TE 300.2 K
AQ 4.000 sec
RG 327.680
AQ 4.000 sec
RG 327.680

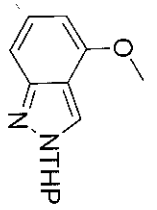


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DAVID J GLADE
 Analyte: Mergolins-300 raw_27762
 317 2760 C13
 exp# 264139

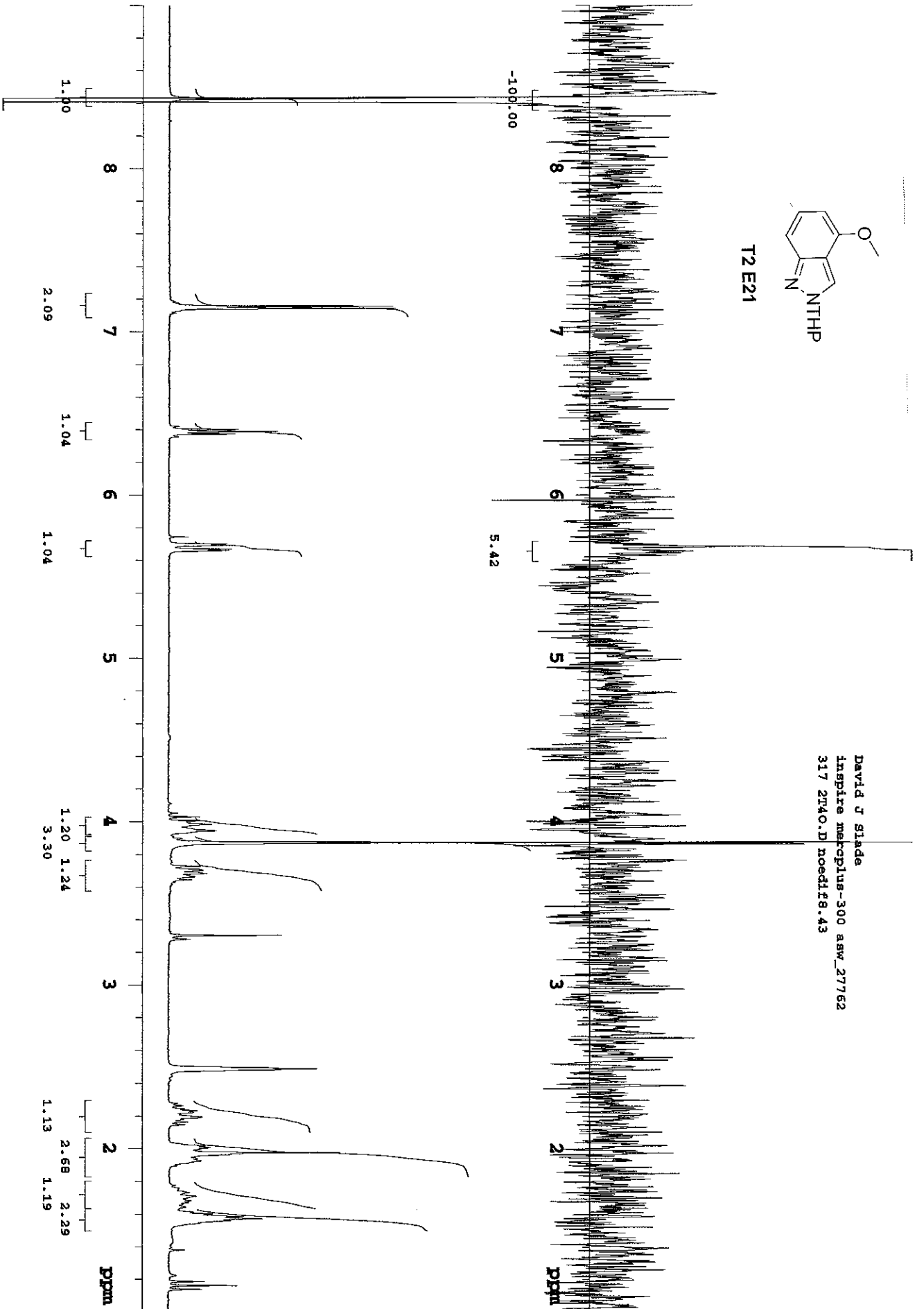
DATE: Mar 9 2009 4:59 PM
 SOLVENT: CDCl3
 ACQUISITION: 75.460 dm
 INSTRUMENT: spect
 NAME: Mergolins-300 raw_27762
 PROCESSED: 11:00 12/23/09
 PULPROG: zgpg30
 F2: 125.761 MHz
 F1: 75.460 MHz
 SFO: 300.135 MHz
 AQ: 1.00 sec
 SI: 32752
 SF: 300.135 MHz
 FIDRES: 0.100 Hz
 AQRES: 0.100 Hz
 SCA: 1024
 WD: 231
 WT: 100.000 mm no ph

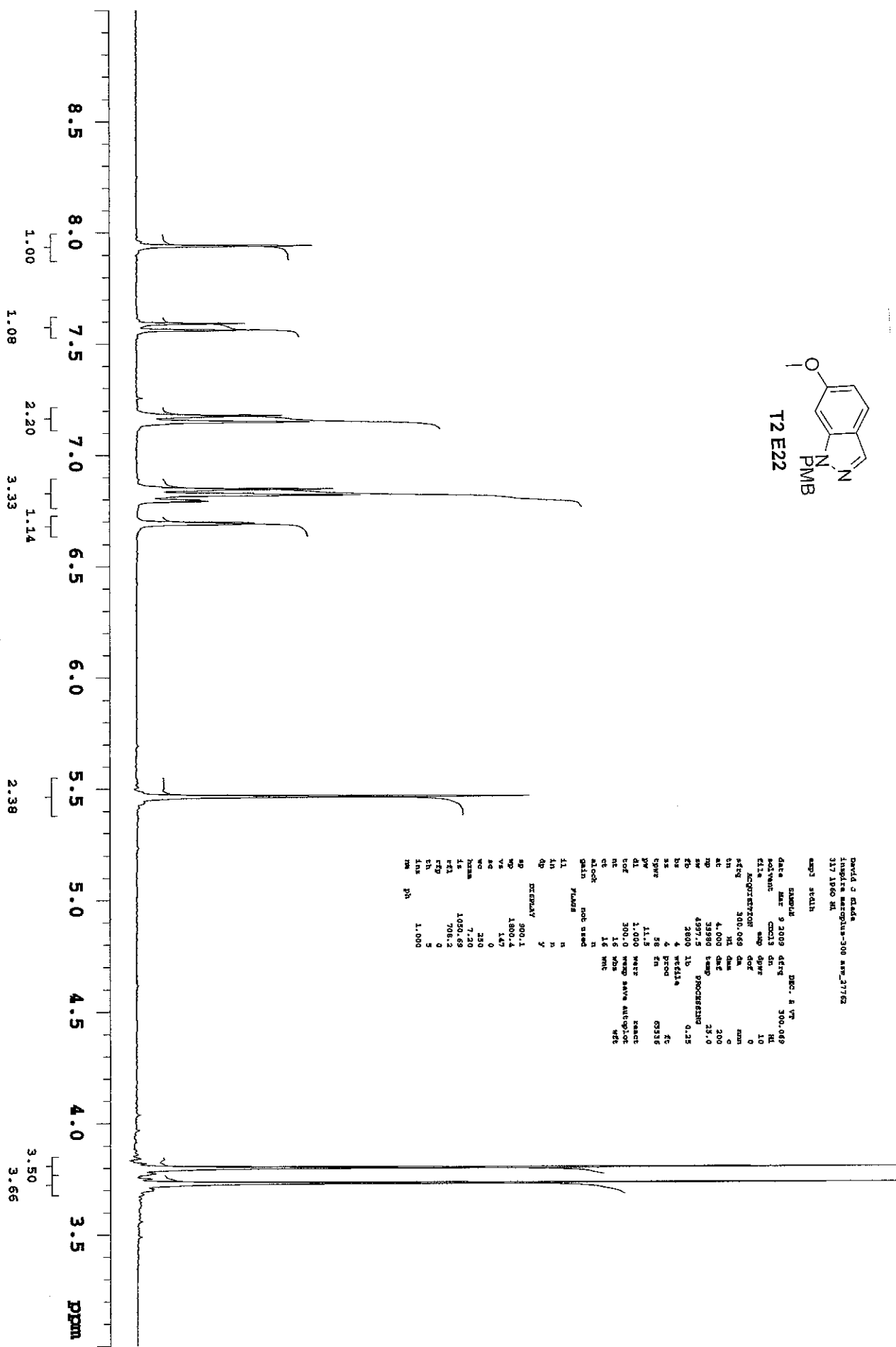
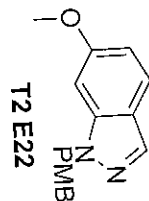




T2 E21

David J Slade
inspire mercurius-300 asw_27762
317 2T40.D noedit8.43

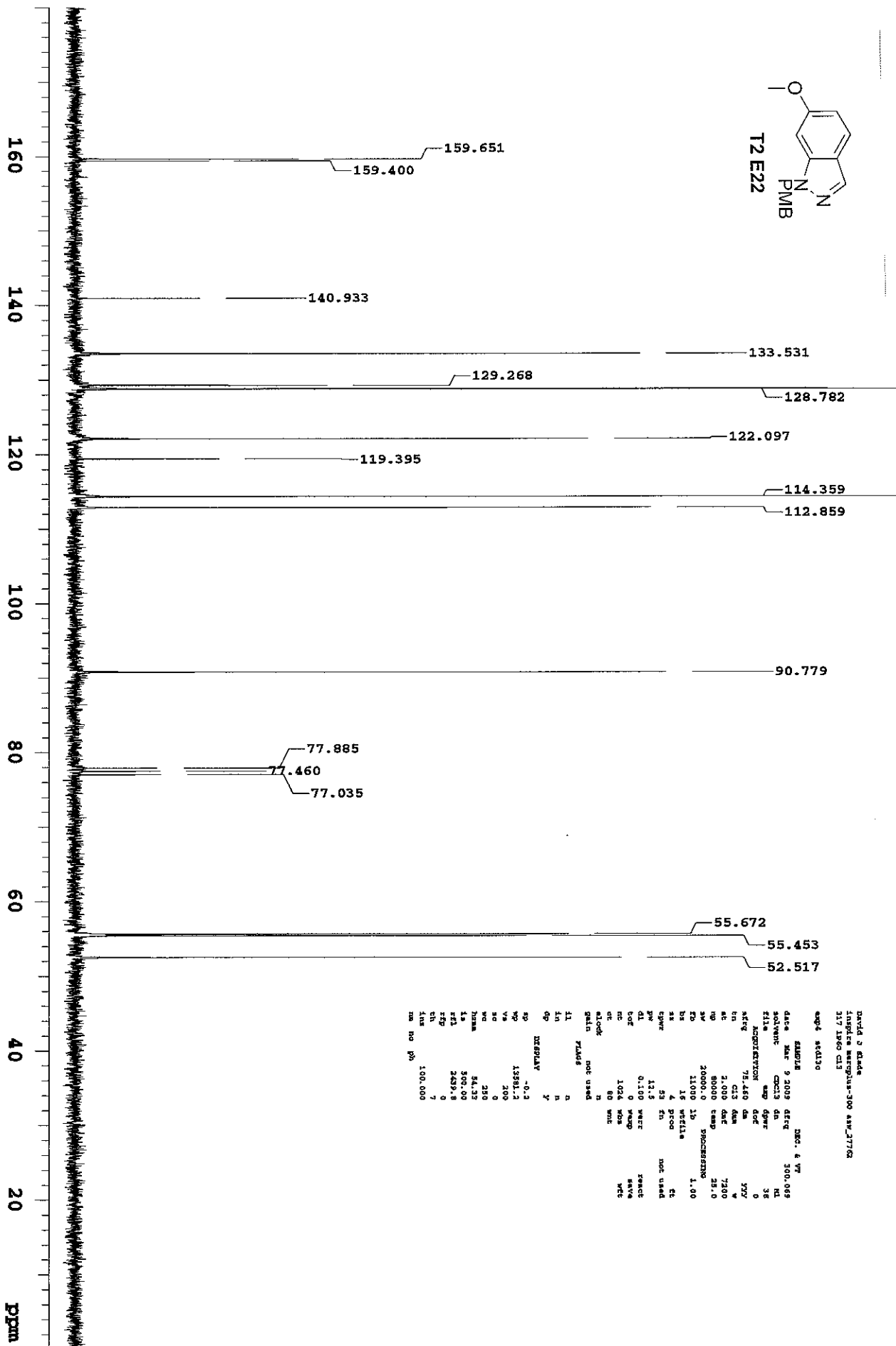
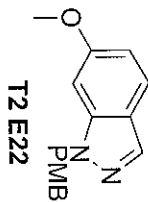




David J Glade
 Inspire macropus-300 raw_21762
 317 1860 M
 exp1 stdh

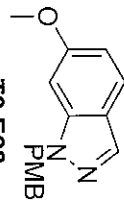
DATE: MAR 9 2009 09:30:06
 FILE: 300.069 dm
 ACQ: 300.069 dm
 IN: 4.000 dm
 PR: 33980 temp
 SC: 2000 lb
 SP: 4
 DP: 11.5
 DL: 1.000
 RF: 300.0
 NT: 16
 CT: 16
 ALCOH: n
 GAIN: 16
 PHAS: n
 F1: n
 F2: n
 F3: n
 F4: y
 EXEM: y
 SP: 500.1
 VP: 1800.4
 VS: 147
 SE: 0
 WO: 250
 NORM: 7.20
 IS: 1050.63
 F2A: 7087.2
 F2B: 5
 F2C: 5
 F2D: 1.000
 PH: 1.000

PROC: 0.25
 WET: 23.0
 REACT: 62316
 WFT: 16

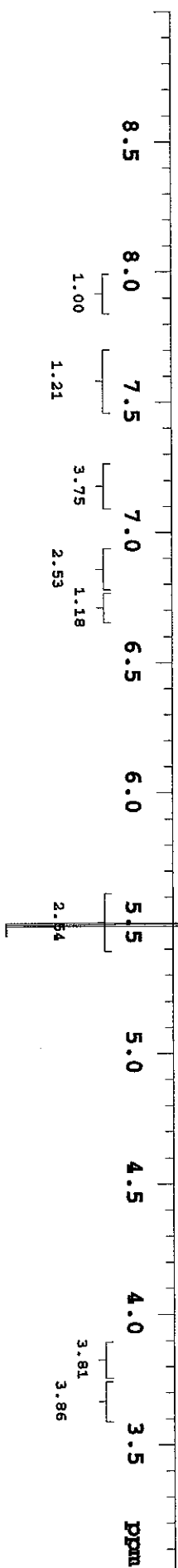
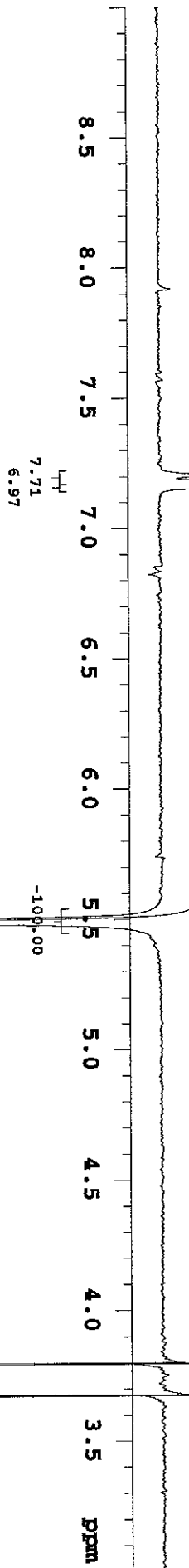


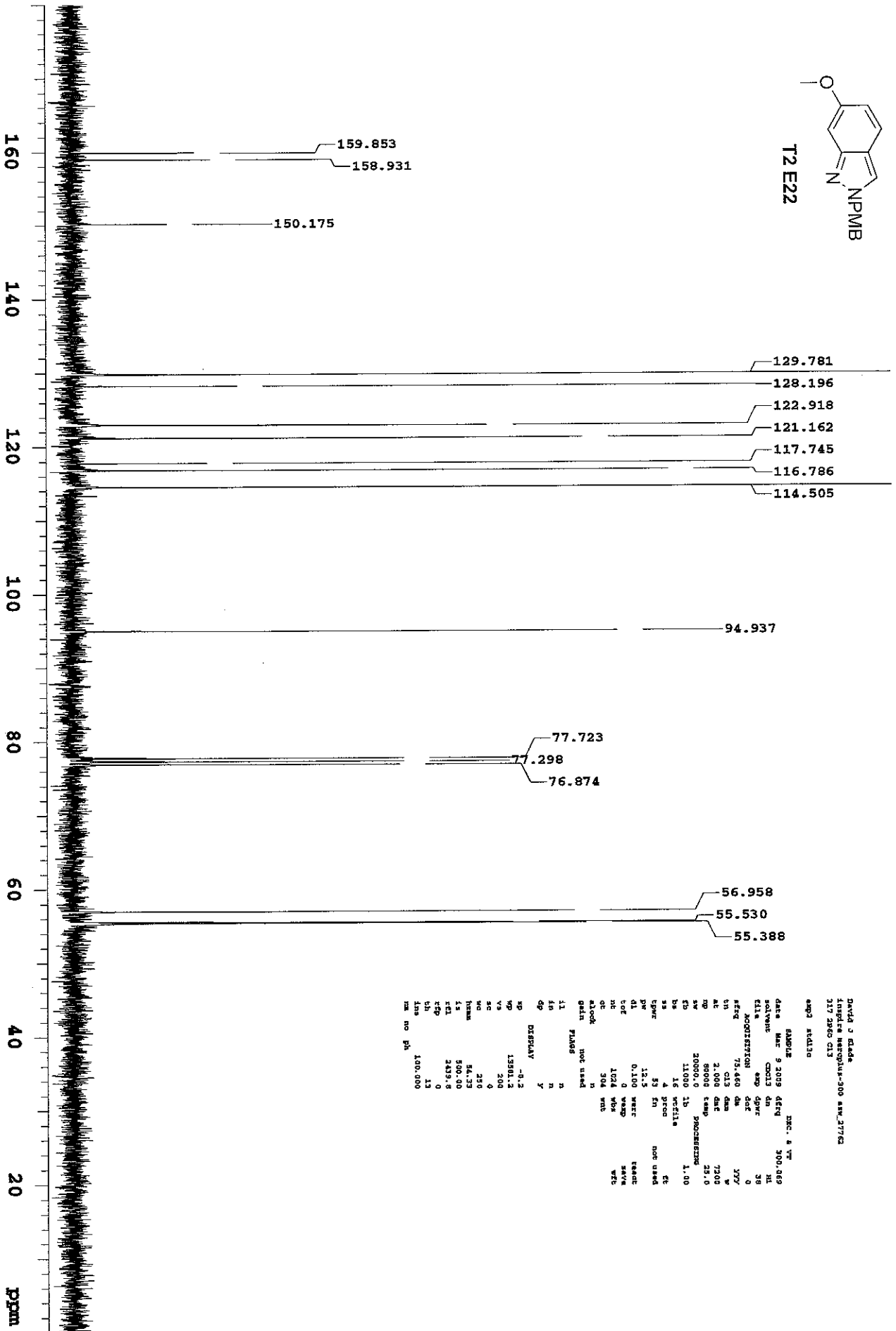
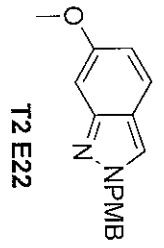
DAVID J BLADE
 INSPICE MARIQUAN-300 44W_21762
 217 1900 C13
 exp: 241130

NAME: T2 E22
 DATE: 9 2009 08:00
 SOLVENT: CDCl3
 FILE: exp 0909
 ACQUISITION: 600
 PRG: 130
 F2: 75.460
 C13: 100.625
 NS: 1000
 DS: 4
 SWH: 20000.0
 FID: 11.00
 AQUEOUS: 1.00
 PULPROG: zgpg30
 PCPRG: 4
 P1: 5.00
 P2: 17.5
 P3: 0.100
 P4: 0
 P5: 1024
 P6: 80
 P7: 80
 P8: 80
 P9: 80
 P10: 80
 P11: 80
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 P100: 80



David J Slade
 Inspire marcpplus-300 raw_27762
 317 IP60.D nced1f5.52





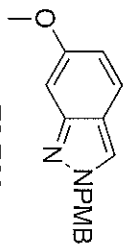
David J Glade
 Sample Name: NPMB-300 acq_27762
 177 2800 C13
 expj rd13a

INC. & VV
 300.069
 38
 0

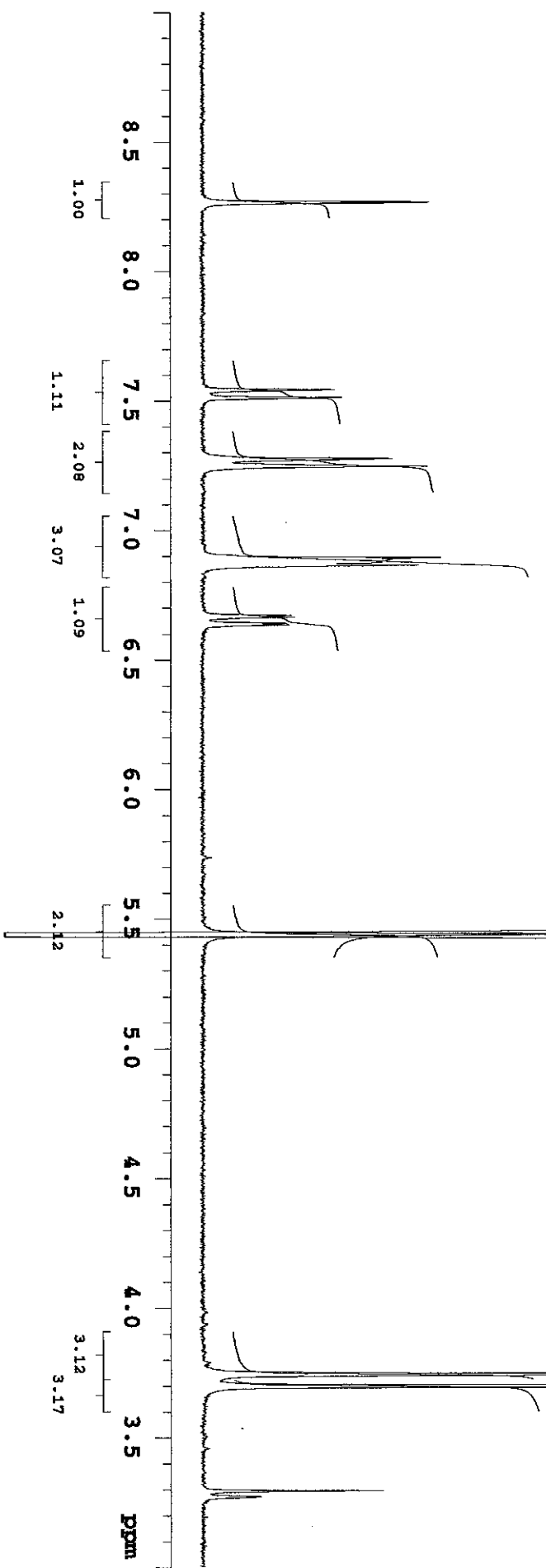
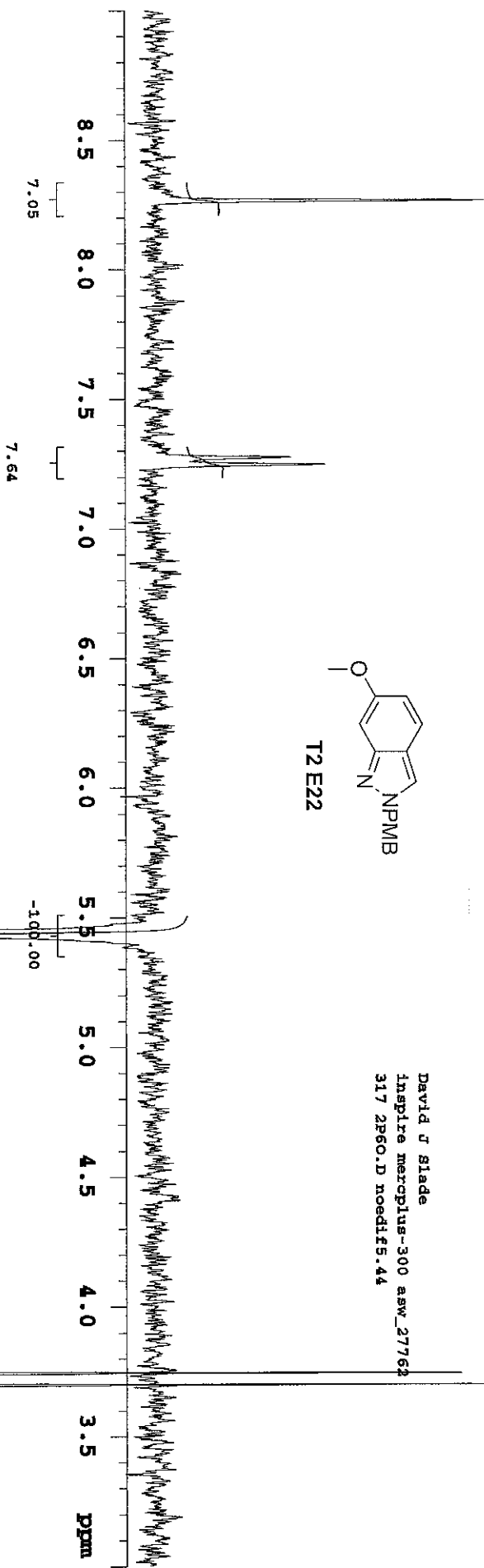
DATE: Mar 9 2009 08:19
 SOLVENT: CDCl3 dm
 FILE: exp dpr
 ACQUISITION: dot
 REF: 75.460 dm
 CH: 2000 dm
 AT: 2000 dm
 SP: 10000 temp
 CB: 2000.0 temp
 CS: 11000 15
 BS: 16 vertla
 SS: 4 proc
 UPW: 53 fm
 PW: 12.5
 Q1: 0.100 vert
 COT: 0 veap
 NH: 1024 WDS
 OR: 304 vrb

stack: not used
 gain: 10
 P1ABS: 15
 P1: n
 P2: n
 P3: n
 P4: y

DISPLAY: -0.2
 WP: 13581.2
 VS: 200
 VC: 0
 SC: 0
 WC: 250
 WPM: 54.21
 FREQ: 500.00
 REL: 2439.8
 WFO: 0
 CH: 13
 IN: 100.000
 NM: no ph

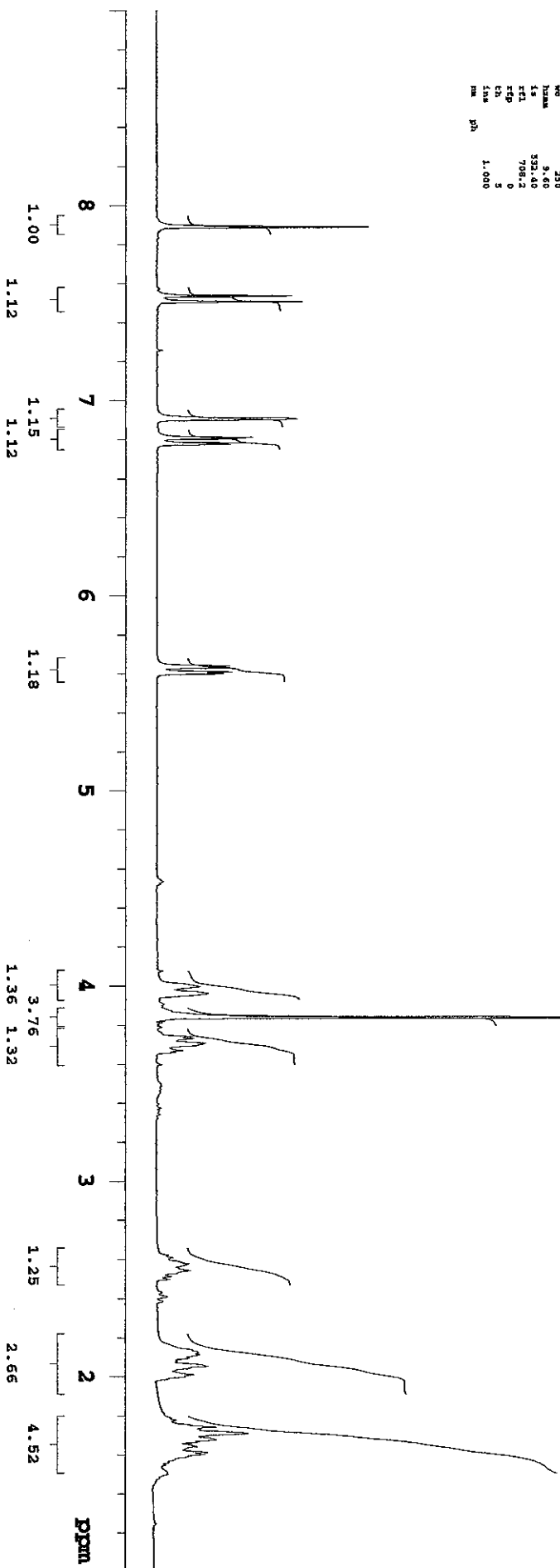
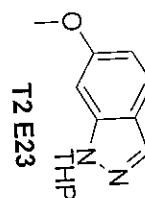


David J Slade
 Inspire mercury-300 asw_27762
 317 2P60.D noeditf5.44



David J. Stade
 Inspecia macroplus-300 44w_27162
 317 1760 ml
 emp3 sedlin

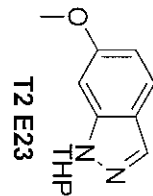
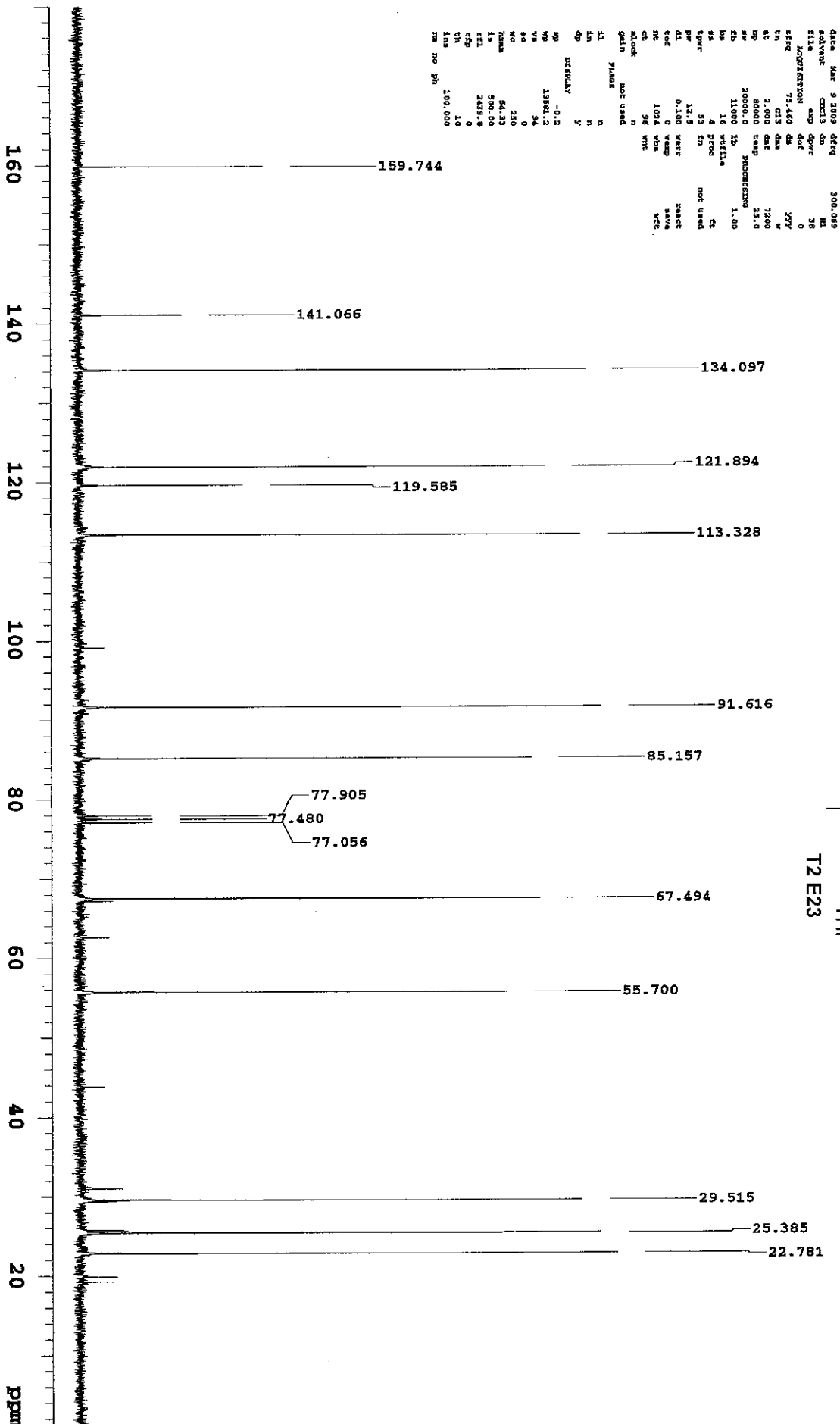
DATE Mar 9 2009 08:57
 SOLVENT CDCl3 dm
 FILE MCG13370707
 ACQ 300.069 dm
 EC 4.000 dm
 NP 39980 temp
 PR 43200 1p
 SS 4 wtdia
 SW 11.5 ft
 DL 1.000 react
 LOF 300.0 wamp
 RT 4 WFS
 QC 4 WTC
 ALLOC not used
 GAIN 10
 PHASE n
 IN n
 DP Y
 HSERIAL 300.0
 W 2400.5
 VS 147
 SO 0
 NO 230
 NAME 3.60
 332.44
 RT 7064.2
 STP 0
 LB 5
 LMS 1.000
 PH

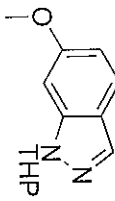


David O Glaser
Institute for Research in Chemistry
317 1st St
St. Louis, MO 63101

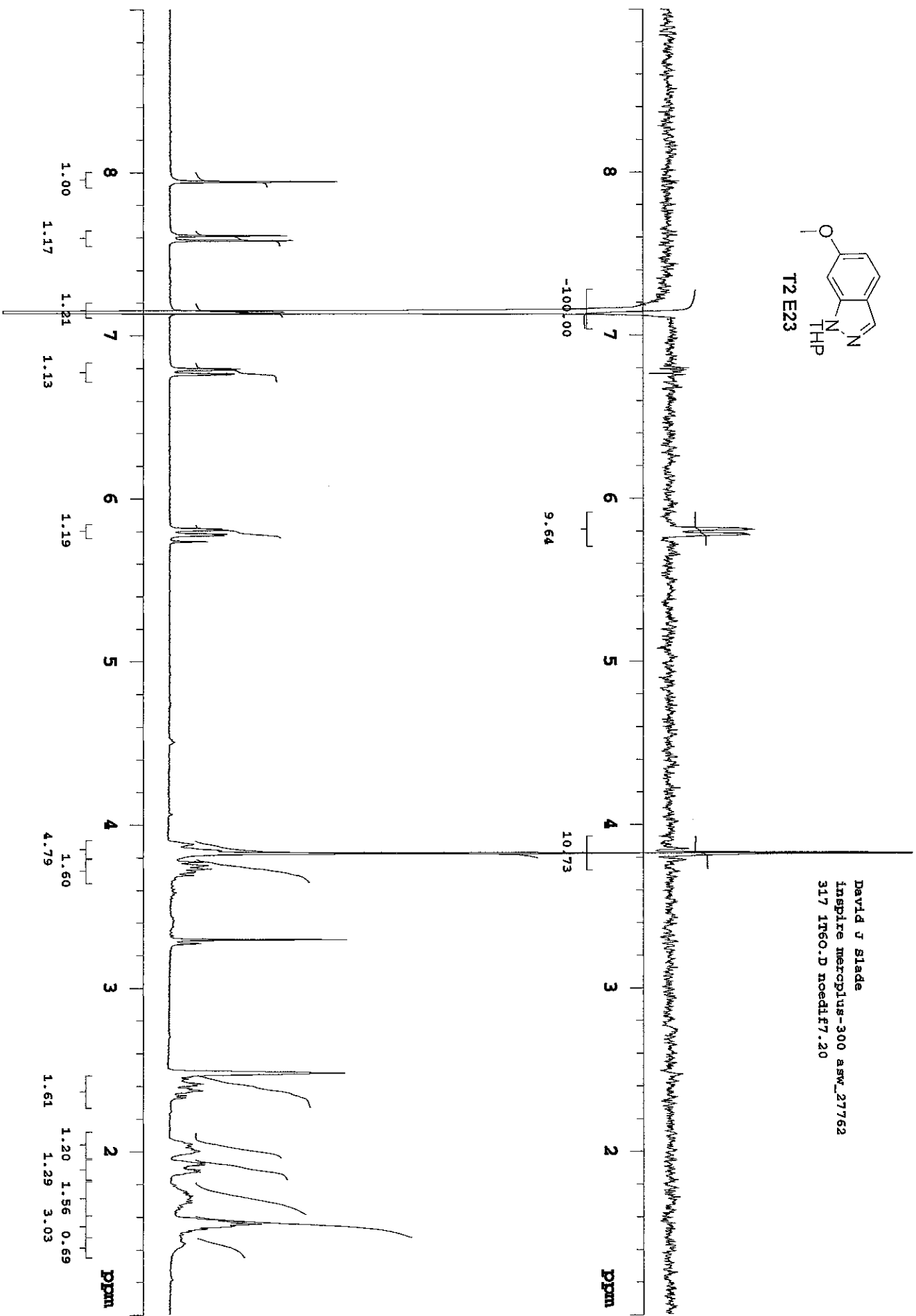
exp# 241310

DATE	Mar 9 2009	TIME	9:00:06.9
SOLVENT	CDCl3	CONC	0.1
FILE	exp 241310	PROC	0
ACQUISITION	400	PROG	zgpg
RFID	75.460	DATE	YYY
CH	CDCl3	W	7200
AT	2.000	DATE	7200
TP	80000	TEMP	23.0
SW	20000.0	PROG	zgpg
ES	11000	IS	1.00
NS	4	PROC	zgpg
DS	4	PROC	zgpg
TEMP	23.0	TEMP	23.0
PR	13.5	PR	13.5
DL	0.100	DL	0.100
COF	0	COF	0
MC	1024	MC	1024
CT	96	CT	96
ALOCK	n	ALOCK	n
QLOCK	n	QLOCK	n
PHASE	n	PHASE	n
SI	n	SI	n
IN	n	IN	n
DP	y	DP	y
INTERLAY	y	INTERLAY	y
SP	-0.2	SP	-0.2
VM	1358.2	VM	1358.2
WC	94	WC	94
SC	0	SC	0
WC	230	WC	230
NAME	54.33	NAME	54.33
IS	500.00	IS	500.00
ETL	2431.0	ETL	2431.0
CP	10	CP	10
CH	10	CH	10
RM	100.000	RM	100.000





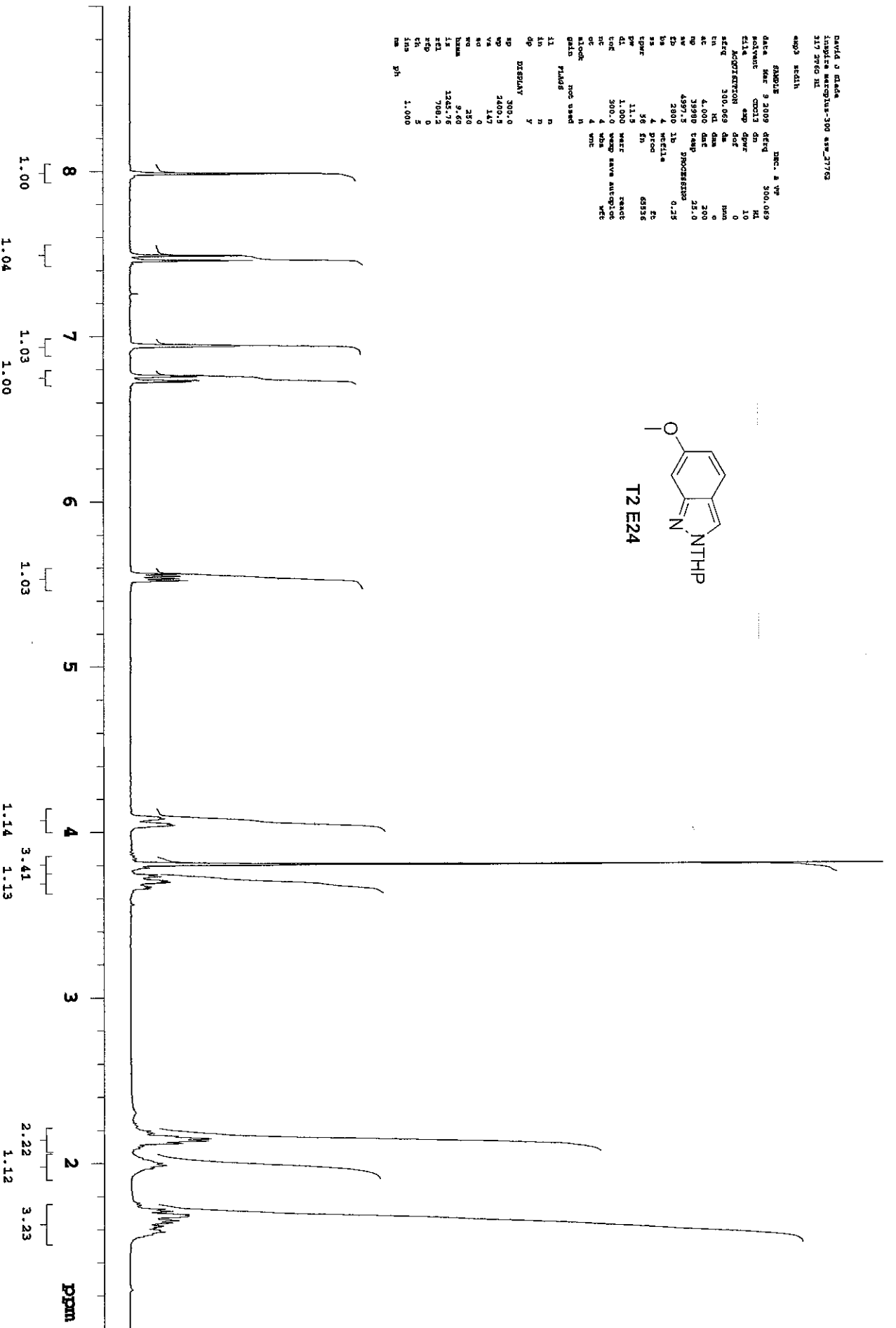
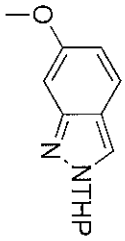
David J Slade
 Inspire mercury-300 aw_27762
 317 IR60.D noedit7.20



DAVID J BILKA
 Analyze Metropius-300 83W_27763
 117 2760 H1

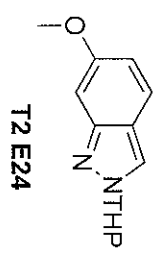
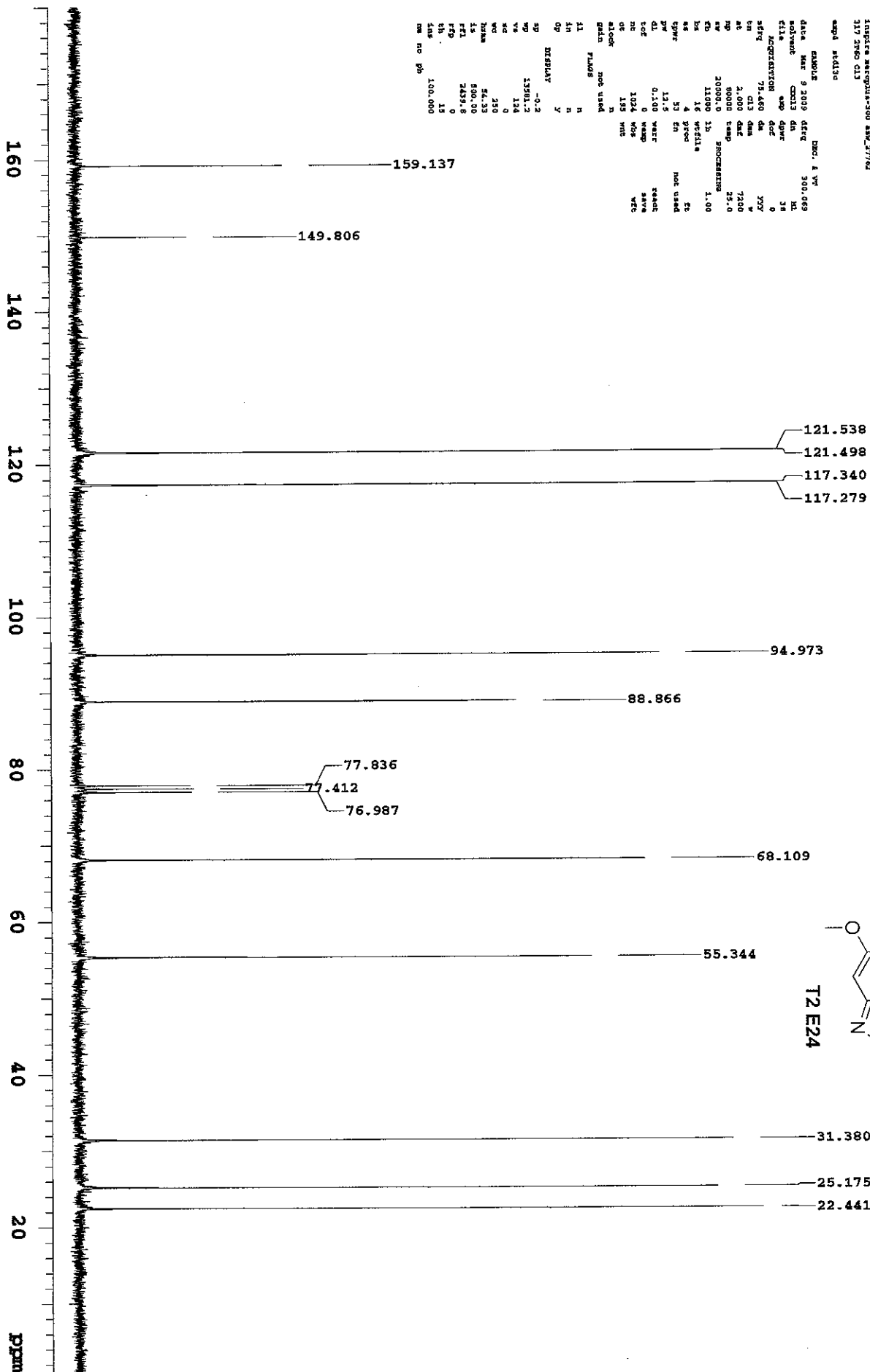
AMP3 SECTH

DATE	9/2009	DETRY	300.069
SOLVENT	CDCl3	DR	H1
ELI4	amp	dpur	10
ACQUISITION	dot		0
STRT	300.069	dm	0
EN	HL	dm	0
AC	4.000	dat	200
AV	19980	temp	25.0
SD	4897.5	PROCSSIZE	0.25
BS	2800	lb	
PS	4	WHEELS	
SS	4	PROG	
SP	56	FN	69326
DP	11.5		
DL	1.000	WEAR	
LOF	300.0	WARP	SAVE
MC	4	WHI	AUTOPLOT
UC	4	WTC	YTC
ALOOK	0		
GAIN	1		
SCALE	1		
PLANS			
I1	0		
I2	0		
I3	0		
OP	7		
DISP			
RP	300.0		
WP	1400.5		
VA	147		
WD	0		
WE	250		
WID	9.60		
WL	1285.76		
XL	708.2		
XPO	2		
XPR	2		
YPO	2		
YPR	2		
ZN	1.000		

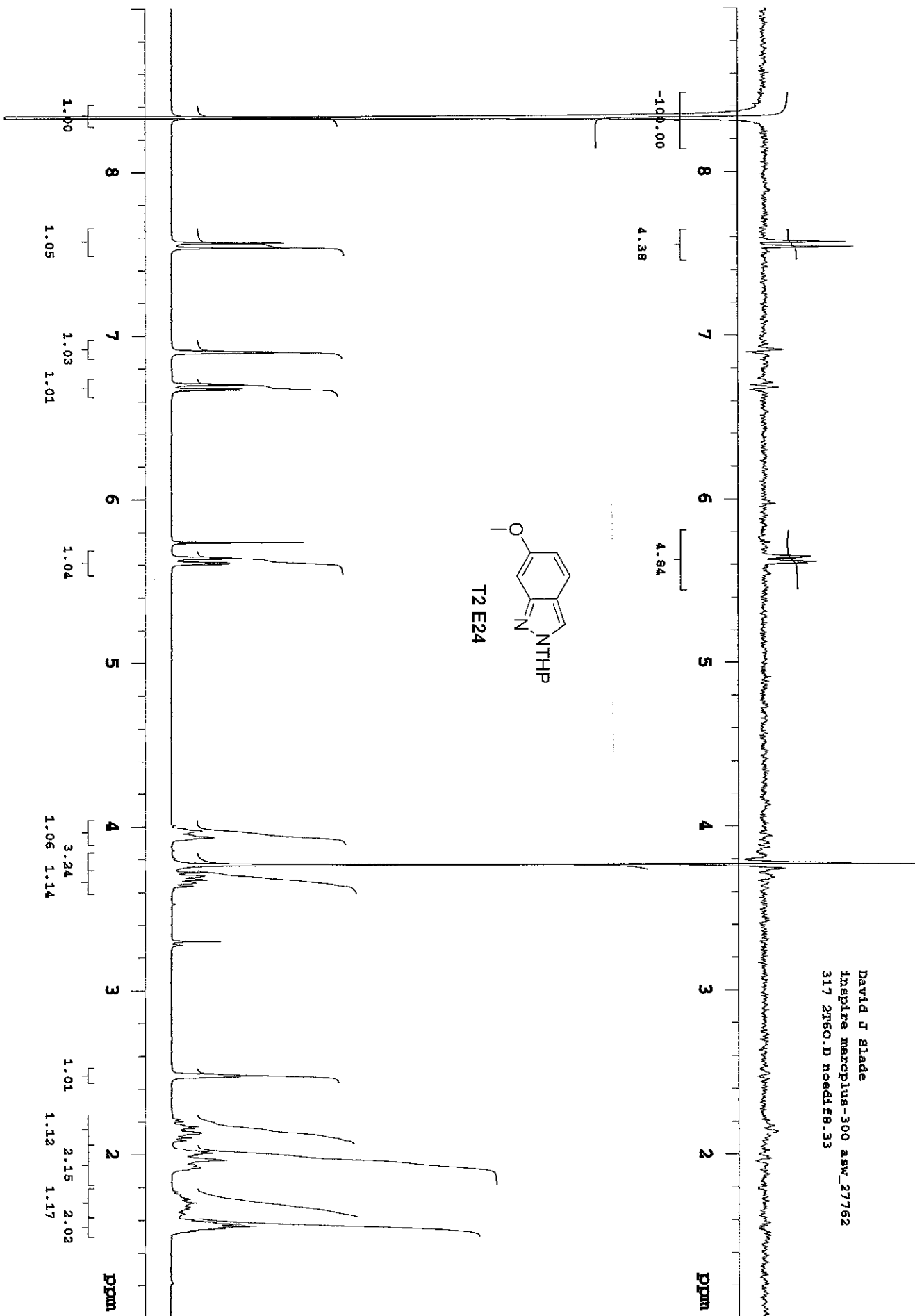


David J Glada
 Insiplex saccharin-300 amw_27762
 217 2850 C13

exp4 sctd3c
 date mar 9 2009 08:00
 solvent CDCl3 d6
 file exp4.d
 acquisition dot
 sfile 75.460 da
 br c13 dm
 at 1.000 dnt
 ap 80000 ramp
 av 20000.0
 fd 11090 1h
 sc 4
 sp 4
 upw 53 50
 dl 11.5
 tot 0.100
 nc 1024
 or 185
 alcoh n
 gain not used
 r1ads n
 r1 n
 r2 n
 op y
 display -0.2
 sp 13581.2
 vs 124
 wd 0
 wv 250
 xznm 54.35
 xs 500.00
 xsl 2859.0
 xp 15
 xps 15
 nm no pb 100.000



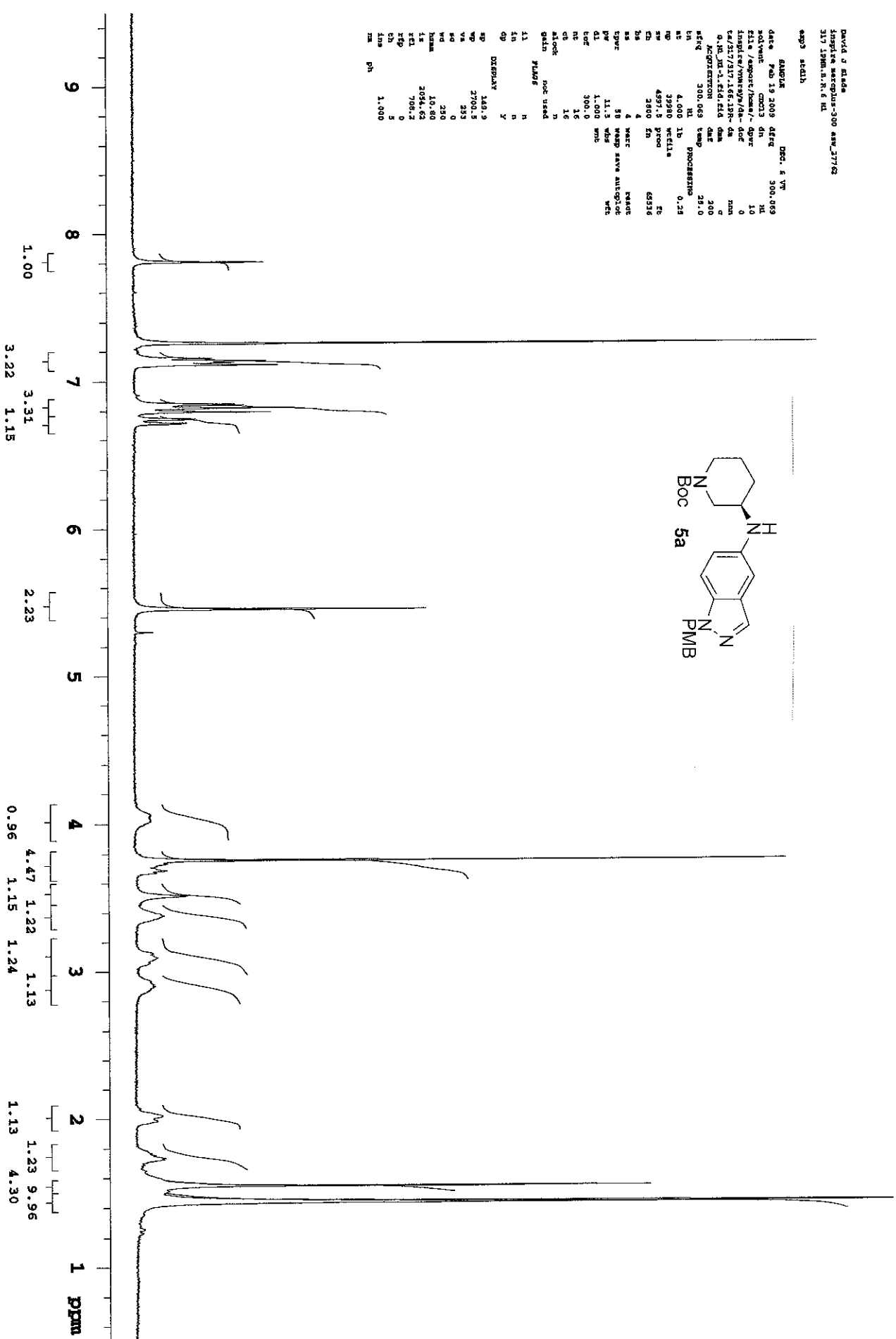
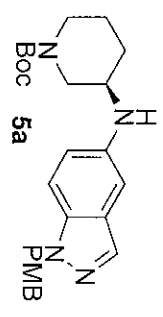
David J Slade
Inspire mercuryplus-300 asw_27762
317 2f60.D noeditf8.33



David G Glade
 Jupyter macopus-300 aw_27762
 317 15PM, S.R. & HL

exp9 scd1h

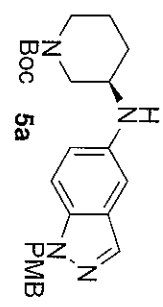
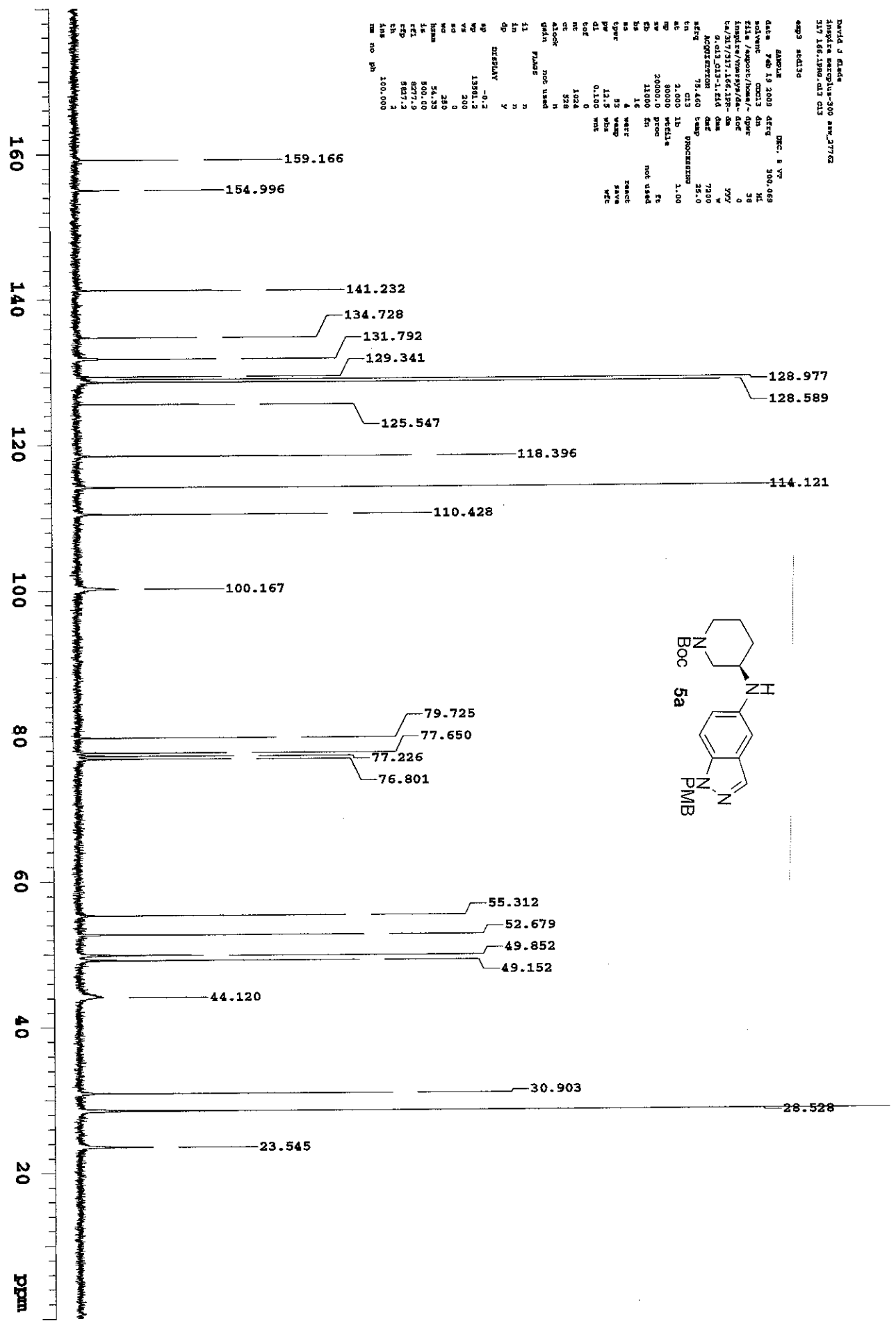
SAMPLE SANDUM Dec 4 YR
 Date Feb 19 2009 05:00 300.069
 SOLVENT DMSO-d6 HL
 1.24 SAMPLE/INSTR 10
 1.36 SAMPLE/INSTR 600
 1.44 SAMPLE/INSTR 400
 0.00.00.00.00.00.00
 0.00.00.00.00.00.00
ACQUISITION DATE 2009
 SFRQ 300.069 temp 25.0
 P1 1.000 pulse PROGRSSIVE 0.25
 P2 4.000 1b
 P3 32980 wecfile
 P4 4997.5 p700
 P5 2000 EN 42310
 P6 2000 EN
PROG 4 WATER
 SFRQ 58 WARP SAVE AUTOJ2C
 P1 11.3 wdr
 P2 1.000 smc
 P3 300.0
 P4 300.0
 P5 1.6
 P6 1.6
ALOCK n
 gain n
PROG n
PLUGS n
 11 n
 12 n
 13 y
DIRPLA
 SP 180.9
 VP 2700.5
 VA 235
 SD 0
 WD 230
 KWMM 10.80
 LW 3058.62
 REL 708.2
 ZPR 9
 SFR 5
 150
 1.000
 Hz
 pH



David J Glade
Sample: macroplus-300 new_21762
217 166.1996.d13 C13

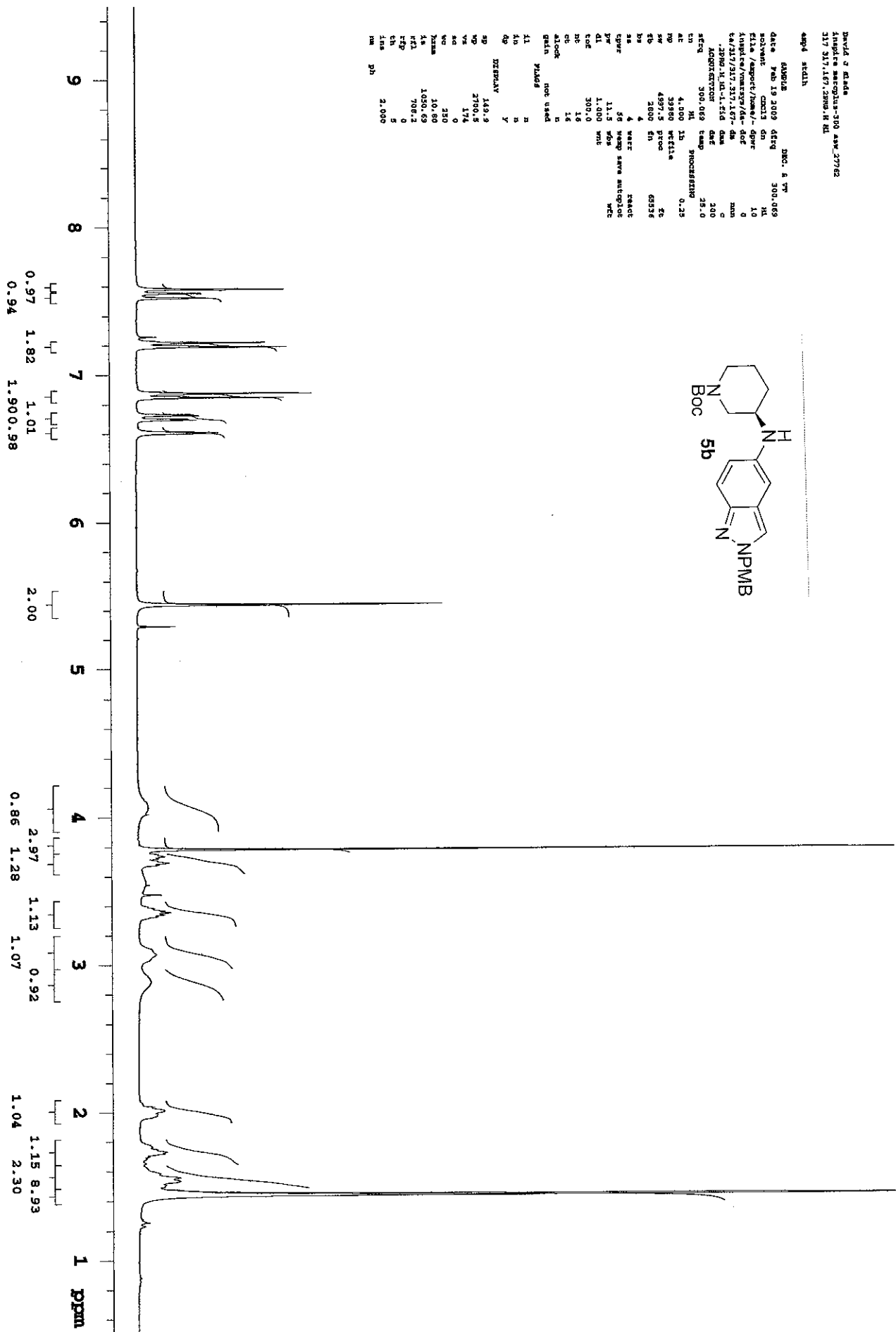
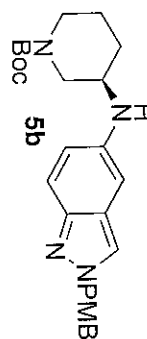
exp9 sed13c

NAME: SAMPLE
Date: Feb 19 2009 08:59
SOLVENT: acetone-d6
INSTRUMENT: spect/jeol/400
Sample Name: macroplus-300 new_21762
Date Acquired: 2/17/09 08:59
Chemical Shift Range: 0.013-166.1996 dms
Acquisition: 7200
P1: 13.500
PC: 1.00
PR: 20000.0
PP: 11016
P2: 11016
P3: 4
P4: 4
P5: 4
P6: 4
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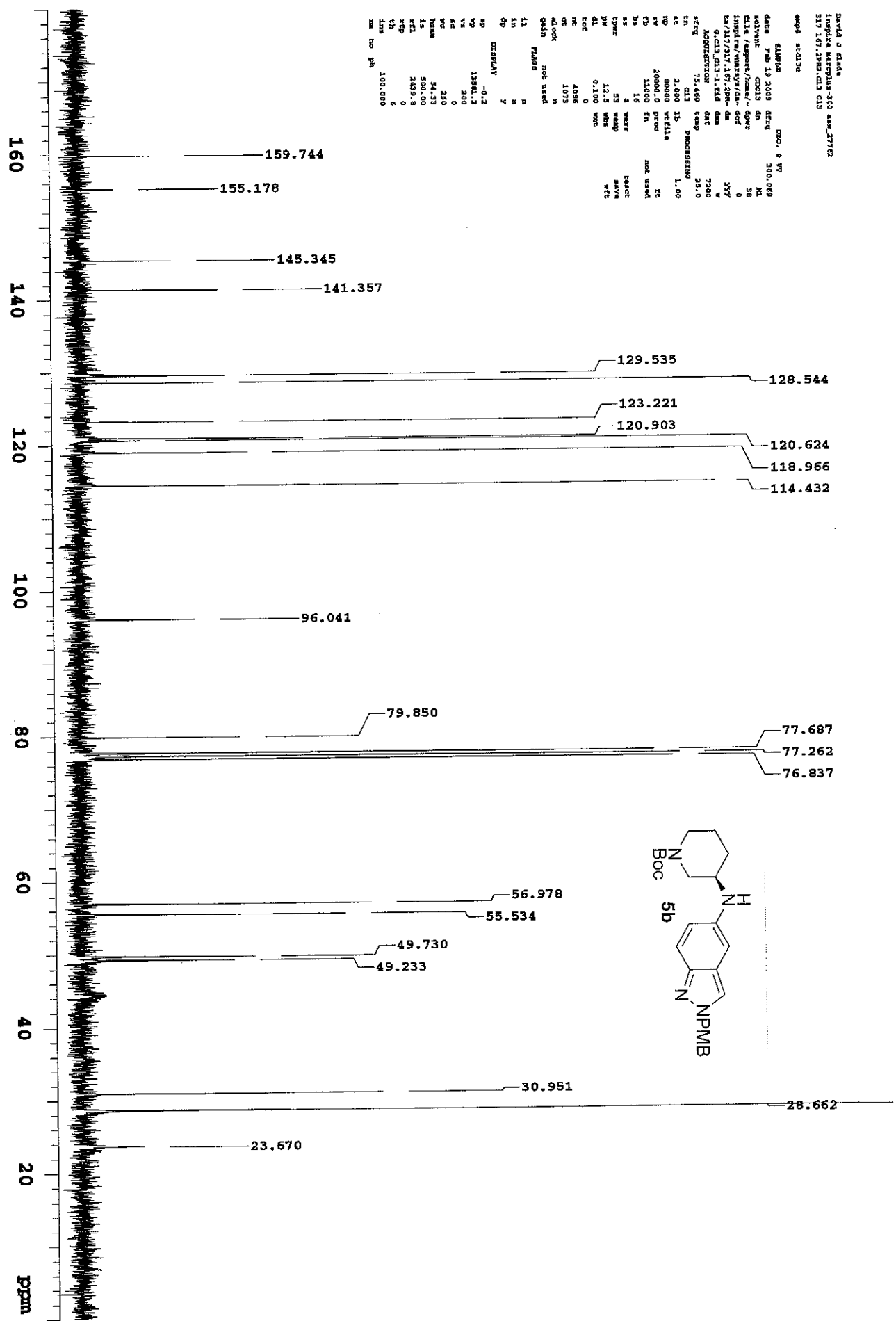
David J Glade
 Sample: macglin-300 raw_37762
 317 317.1672998 H N1

ampd: acdlin
 040818 300.069 300.069
 Date: 08/18/18 09:46
 File: /sample/300.069/300.069
 Sample: macglin-300 raw_37762
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 Acquisition: 300.069
 Name: macglin-300 raw_37762
 Date: 08/18/18 09:46
 File: /sample/300.069/300.069
 Sample: macglin-300 raw_37762
 317 317.1672998 H N1



David J. Glavin
 Insolve Macropure-300 45W_27762
 317.187.289D.C13 C13
 8983 821313

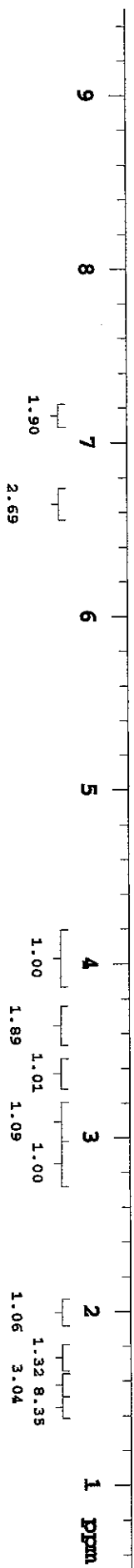
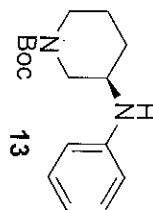
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ENDTIME	00:02:59	EN	36
FILE	REPORT/45W_27762	NAME	0
DATE	12/21/17 15:29:46	DATE	17
Q-C13	C13-1.45d	DATA	7300
ACQUISITION	15.460	TEMP	25.0
STRT	C13	PROCESSED	1.00
AC	2.000	IS	85
AW	30000.0	PROC	85
ED	11000	IN	not used
DS	1	WGT	85
TYPE	53	WSP	85
DW	12.5	WBS	85
DL	0.100	WHS	85
LOC	0		
NC	4096		
OT	1075		
ALOCK	not used		
Q-LIN	not used		
FLMRS			
I1	1		
I2	1		
I3	1		
EXTRACT	Y		
SP	-0.2		
WP	13581.2		
VE	200		
WD	0		
WZ	250		
XX	54.33		
YY	500.00		
ZZ	289.8		
AAA	5		
BBB	5		
CCC	100.000		
DDD	100.000		
EEE	100.000		



David J Glade
 Inspecire macropylus-300 new_21762
 317 Inspec-Exp 14

exp3 scd1h

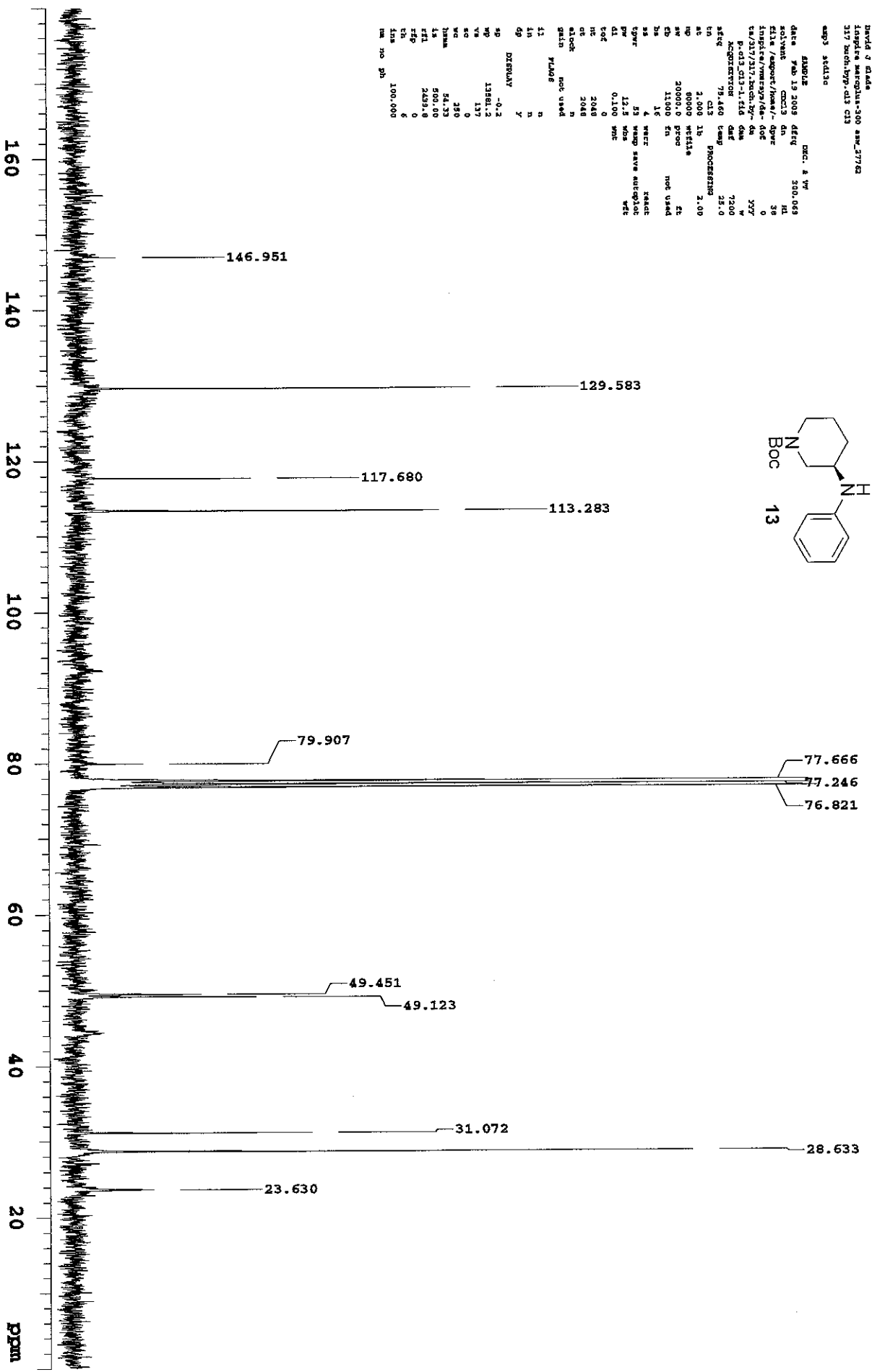
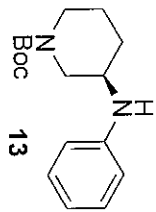
NAME: 300.069 DMS-D₆ 5 VP
 Date: Feb 19 2009 08:09 300.069
 solvent: CDCl₃ dn HL
 file /support/home/- dprv HL
 Sample/Name/Date: 0
 Exp/317/317.Inspec-Exp- dm min
 E.H1-1.416 dmf v
 Acquisition: 300.069 dmf 200
 Name: 300.069 20.0
 CH 4.000 1b PROCESSING 0.25
 AC 2.000 2b
 NP 4897.5 2b
 EQ 2100 2m 62136
 BS 4
 SA 4 year 2 react
 UPW 11.5 wls 58 year save autoptic WFC
 DL 1.000 WMT
 COF 300.0
 NT 16
 CT 16
 atlock n
 gain not used
 phase
 I1 n
 fin y
 dg
 DISPLAY 149.9
 WP 2700.5
 VA 486
 WA 0
 WD 280
 WDR 10.0
 WDRAMA 1164.18
 F1 708.2
 F2 0
 CH 5
 SNA 1.000
 PH



David J Glada
 14ppm/300 MHz-300 aw_27762
 317 hsch-by-ct3

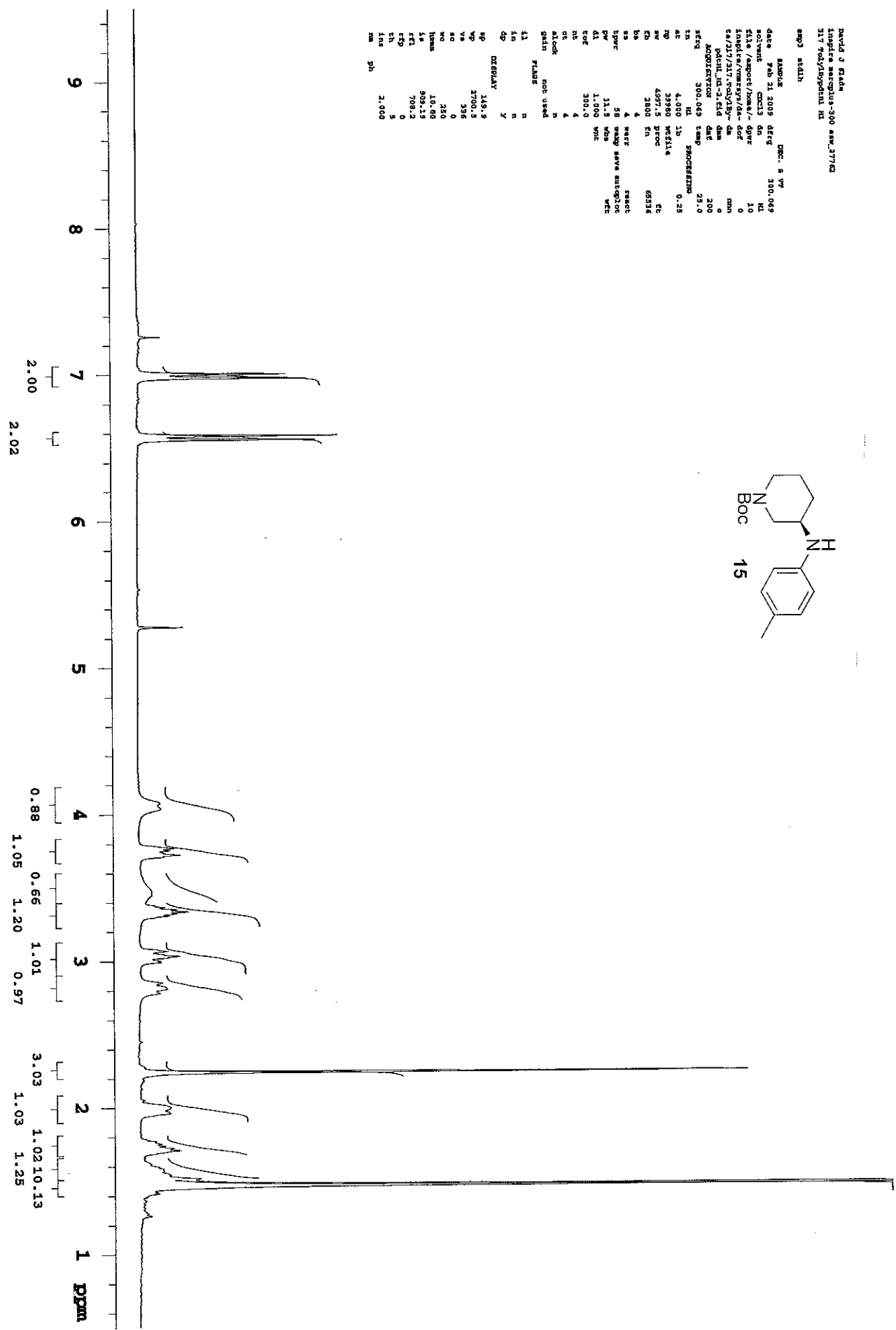
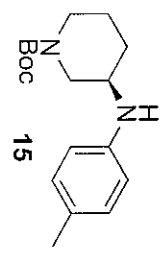
amp3 364130

NAME	DATE	TIME	DATE	TIME
NAME	13	13	13	13
SOLVENT	CDCl3	CDCl3	CDCl3	CDCl3
INSTRUM	400MHz/101mm/5	400MHz/101mm/5	400MHz/101mm/5	400MHz/101mm/5
PROBHD	5mm/1H/13C	5mm/1H/13C	5mm/1H/13C	5mm/1H/13C
PULPROG	zgpg30	zgpg30	zgpg30	zgpg30
TD	65536	65536	65536	65536
RG	327.68	327.68	327.68	327.68
RG2	327.68	327.68	327.68	327.68
RG3	327.68	327.68	327.68	327.68
RG4	327.68	327.68	327.68	327.68
RG5	327.68	327.68	327.68	327.68
RG6	327.68	327.68	327.68	327.68
RG7	327.68	327.68	327.68	327.68
RG8	327.68	327.68	327.68	327.68
RG9	327.68	327.68	327.68	327.68
RG10	327.68	327.68	327.68	327.68
RG11	327.68	327.68	327.68	327.68
RG12	327.68	327.68	327.68	327.68
RG13	327.68	327.68	327.68	327.68
RG14	327.68	327.68	327.68	327.68
RG15	327.68	327.68	327.68	327.68
RG16	327.68	327.68	327.68	327.68
RG17	327.68	327.68	327.68	327.68
RG18	327.68	327.68	327.68	327.68
RG19	327.68	327.68	327.68	327.68
RG20	327.68	327.68	327.68	327.68
RG21	327.68	327.68	327.68	327.68
RG22	327.68	327.68	327.68	327.68
RG23	327.68	327.68	327.68	327.68
RG24	327.68	327.68	327.68	327.68
RG25	327.68	327.68	327.68	327.68
RG26	327.68	327.68	327.68	327.68
RG27	327.68	327.68	327.68	327.68
RG28	327.68	327.68	327.68	327.68
RG29	327.68	327.68	327.68	327.68
RG30	327.68	327.68	327.68	327.68
RG31	327.68	327.68	327.68	327.68
RG32	327.68	327.68	327.68	327.68
RG33	327.68	327.68	327.68	327.68
RG34	327.68	327.68	327.68	327.68
RG35	327.68	327.68	327.68	327.68
RG36	327.68	327.68	327.68	327.68
RG37	327.68	327.68	327.68	327.68
RG38	327.68	327.68	327.68	327.68
RG39	327.68	327.68	327.68	327.68
RG40	327.68	327.68	327.68	327.68
RG41	327.68	327.68	327.68	327.68
RG42	327.68	327.68	327.68	327.68
RG43	327.68	327.68	327.68	327.68
RG44	327.68	327.68	327.68	327.68
RG45	327.68	327.68	327.68	327.68
RG46	327.68	327.68	327.68	327.68
RG47	327.68	327.68	327.68	327.68
RG48	327.68	327.68	327.68	327.68
RG49	327.68	327.68	327.68	327.68
RG50	327.68	327.68	327.68	327.68
RG51	327.68	327.68	327.68	327.68
RG52	327.68	327.68	327.68	327.68
RG53	327.68	327.68	327.68	327.68
RG54	327.68	327.68	327.68	327.68
RG55	327.68	327.68	327.68	327.68
RG56	327.68	327.68	327.68	327.68
RG57	327.68	327.68	327.68	327.68
RG58	327.68	327.68	327.68	327.68
RG59	327.68	327.68	327.68	327.68
RG60	327.68	327.68	327.68	327.68
RG61	327.68	327.68	327.68	327.68
RG62	327.68	327.68	327.68	327.68
RG63	327.68	327.68	327.68	327.68
RG64	327.68	327.68	327.68	327.68
RG65	327.68	327.68	327.68	327.68
RG66	327.68	327.68	327.68	327.68
RG67	327.68	327.68	327.68	327.68
RG68	327.68	327.68	327.68	327.68
RG69	327.68	327.68	327.68	327.68
RG70	327.68	327.68	327.68	327.68
RG71	327.68	327.68	327.68	327.68
RG72	327.68	327.68	327.68	327.68
RG73	327.68	327.68	327.68	327.68
RG74	327.68	327.68	327.68	327.68
RG75	327.68	327.68	327.68	327.68
RG76	327.68	327.68	327.68	327.68
RG77	327.68	327.68	327.68	327.68
RG78	327.68	327.68	327.68	327.68
RG79	327.68	327.68	327.68	327.68
RG80	327.68	327.68	327.68	327.68
RG81	327.68	327.68	327.68	327.68
RG82	327.68	327.68	327.68	327.68
RG83	327.68	327.68	327.68	327.68
RG84	327.68	327.68	327.68	327.68
RG85	327.68	327.68	327.68	327.68
RG86	327.68	327.68	327.68	327.68
RG87	327.68	327.68	327.68	327.68
RG88	327.68	327.68	327.68	327.68
RG89	327.68	327.68	327.68	327.68
RG90	327.68	327.68	327.68	327.68
RG91	327.68	327.68	327.68	327.68
RG92	327.68	327.68	327.68	327.68
RG93	327.68	327.68	327.68	327.68
RG94	327.68	327.68	327.68	327.68
RG95	327.68	327.68	327.68	327.68
RG96	327.68	327.68	327.68	327.68
RG97	327.68	327.68	327.68	327.68
RG98	327.68	327.68	327.68	327.68
RG99	327.68	327.68	327.68	327.68
RG100	327.68	327.68	327.68	327.68



David J. Egan
 Inspire macqplus-300 asc_37763
 317 703216162dml ml

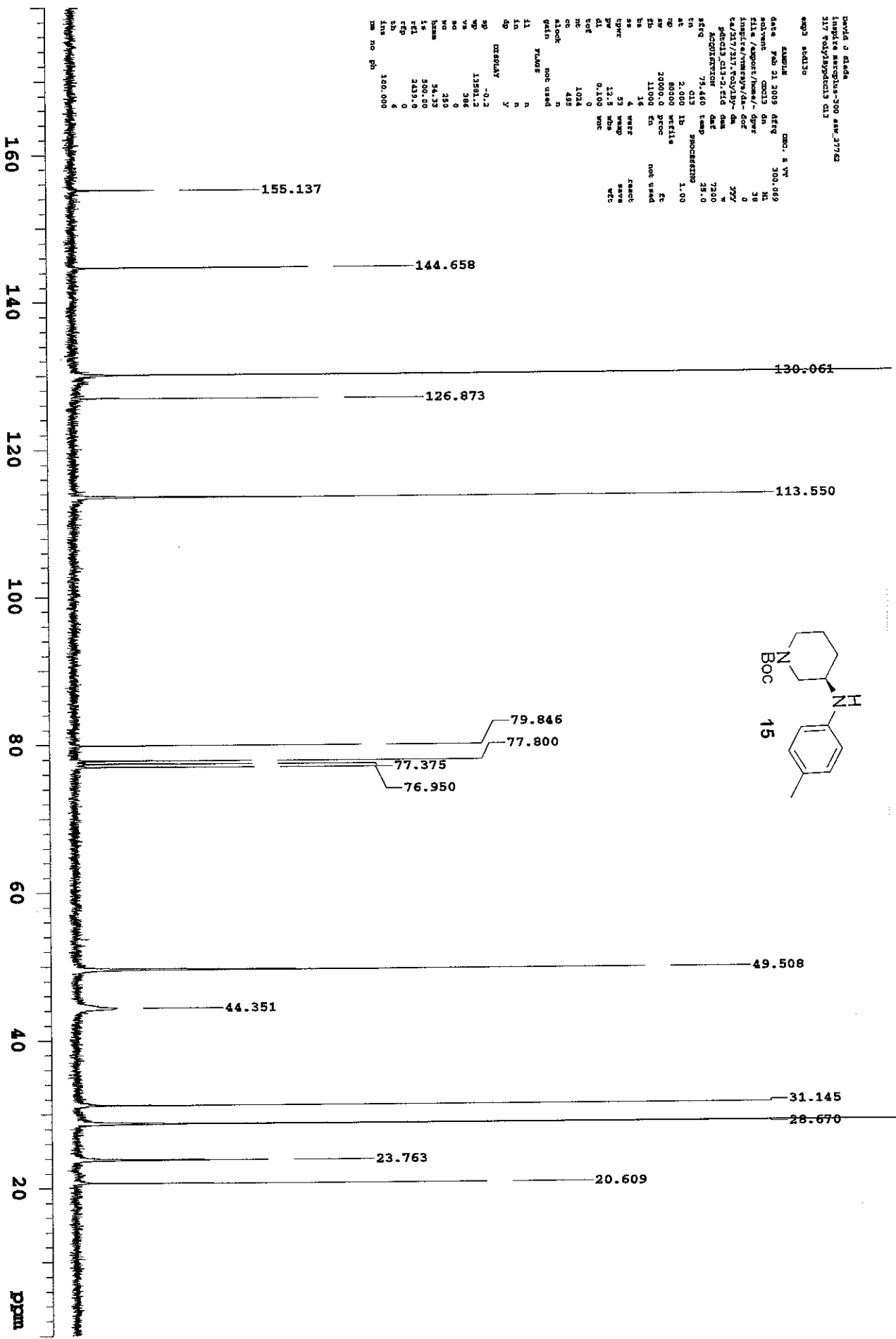
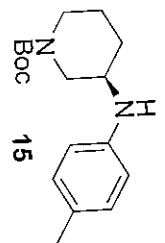
NAME: 300.069
 DATE: Feb 21 2009 08:59
 SOLVENT: CDCl3 dm
 FILE: /export/home/~dpcr
 SAMPLE: /macqplus/da-40f
 EX: 317/317 703216162
 PULPROG: zgpg30
 AQUEOUS: 300.069
 AC: 4.000 1p
 AP: 4.000 1p
 CH: 3800 F1
 DS: 4
 US: 4
 PSYR: 58
 PW: 11.5
 REF: 1.000
 NS: 4
 OR: 4
 ALLOC: not used
 GAIN: 32768
 FIDRES: 0.25
 IN: n
 DN: n
 DP: y
 ORIGIN: 300.069
 RP: 149.9
 VP: 2700.5
 VA: 396
 NO: 0
 NC: 250
 HMMA: 1.000
 F1: 300.13
 F2: 700.12
 CH: 0
 TH: 5
 MS: 2.000
 PH: 0



David O Klada
 Inquire macropus-300 ssm_37783
 117 PolyHydroxyls 013

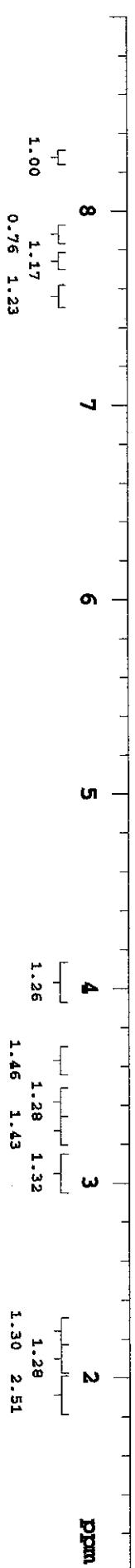
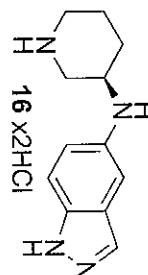
```

NAME          DATA          DATE          TIME          SEC.          VOL.
solvent       C6D13         dn              38
file          /amprc/chems/da- 00f
ca/21/17/170318y- 00f
pdcd13_013-2_014  00f
MAGNETIC     7290
SFR          75.460
CN           1.00
AB           2.000
SP           20000
AP           11000
IS           15
SS           4
SPWR         53
DI           0.100
RG           0
NR           1024
OR           432
alock        not used
gain         not used
IN           n
DN           y
DETECTOR     -0.2
SP           11581.2
VA           386
WD           0
WD           430
H2O          24.25
SOLVENT      52.75
SOLVENT      2431.0
RF          0
SD           5
IN           100.000
nm no ph
  
```



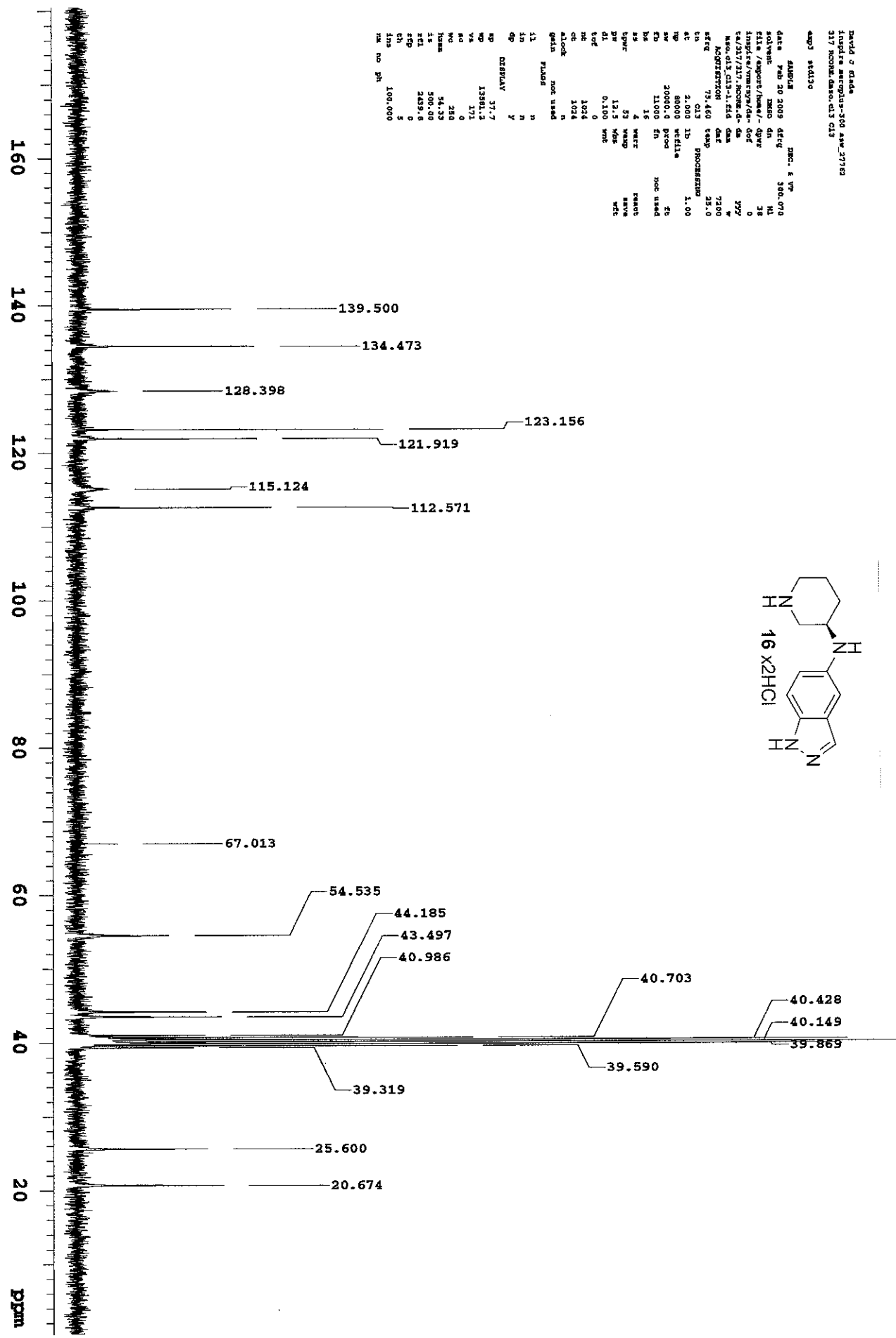
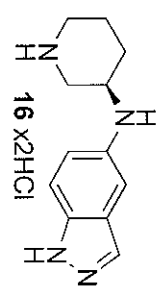
David J Blake
 Jupiter magnet-300 aw_27762
 317 Jupiter.NL.HI

Sample 30000
 data File 30 2009 dteq 300.070
 solvent DMSO d6
 file /sample/name/ 6pr
 angles/vmets/dw 0
 te/317/317 Jupiter.NL.HI
 1.ML-1.E4d dmw 200
 Acquisition date 2009
 Name 300.070 temp 25.0
 ch 1H N1 lb PROCESSIONS 0.25
 sp 3.000 settle Tc
 ep 4397.5 PROC 63356
 fo 3800 fo
 ba 4 vavr
 ss 4 vavr
 spwr 18 vavr save autoplot
 pw 11.5 wds
 dl 1.000 wvt
 tdc 300.0
 re 18
 uc 18
 stack not used
 gain p1464
 si n
 fd n
 dp y
 DISPLAY
 sp 300.0
 wp 2400.5
 va 147
 sg 0
 so 0
 ws 280
 ic 50
 js 2108.00
 tel 708.2
 kdp 5
 kb 5
 fms 1.000
 pha



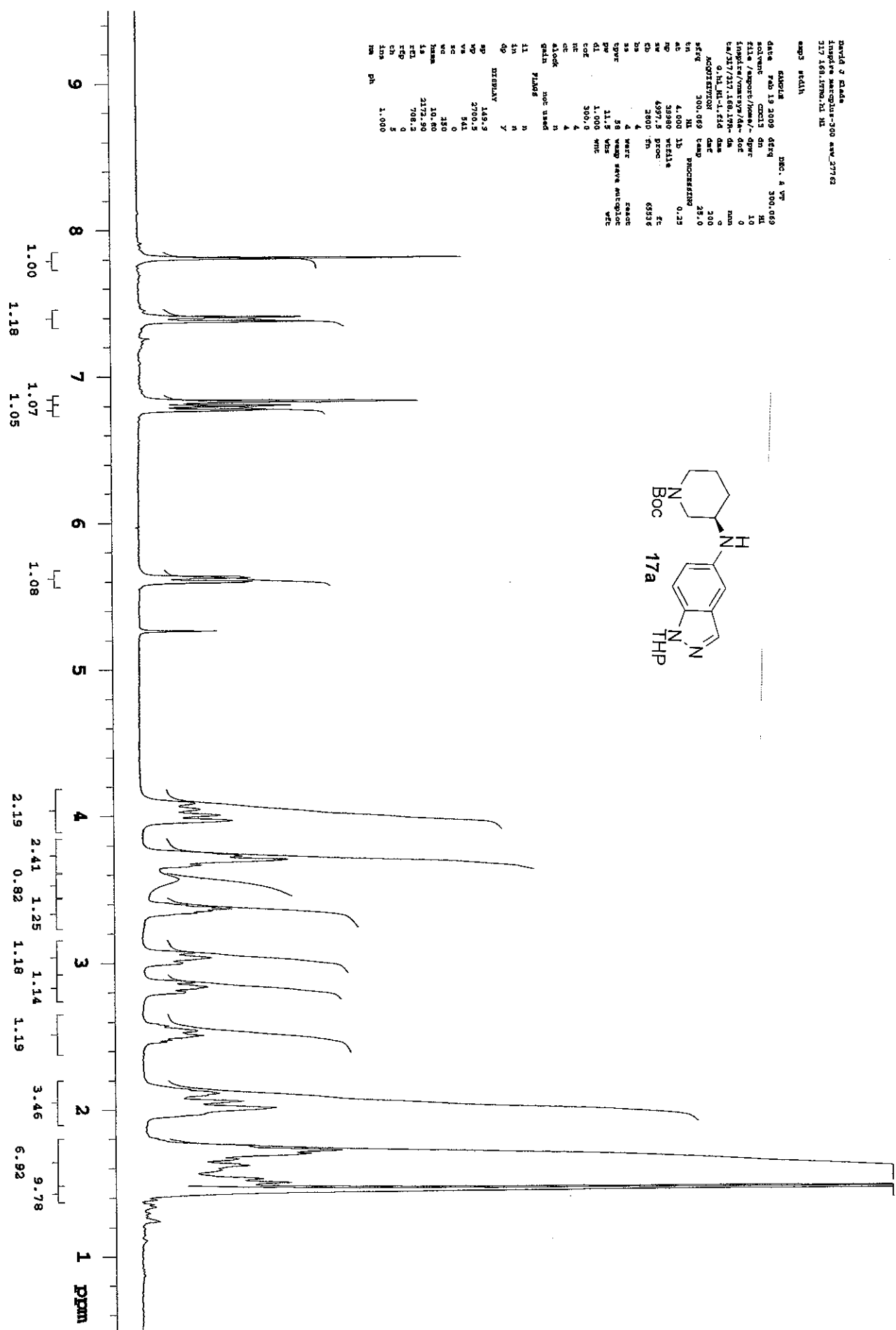
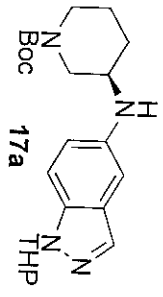
DAVID J Glade
 14mpire macropus-360 raw_27763
 117 100000.dms0.c13 c13
 amp3 sed130

NAME: 14MPRE
 DATE: 20 0209 09:00
 SOLVENT: DMSO-d6
 FILE: /export/home/djg/14mpire/14mpire.dms0.c13
 NAME: 14MPRE
 NO. OF SCANS: 128
 ACQUISITION TIME: 0.100
 PULPROG: zgpg30
 PROCESSED: 1.00
 F2: 100.625
 F1: 400.146
 SFO: 500.138
 SF8: 250.138
 SF4: 125.069
 SF2: 62.534
 SF1: 31.267
 INJ: 10
 INJ2: 10
 INJ3: 10
 INJ4: 10
 INJ5: 10
 INJ6: 10
 INJ7: 10
 INJ8: 10
 INJ9: 10
 INJ10: 10
 INJ11: 10
 INJ12: 10
 INJ13: 10
 INJ14: 10
 INJ15: 10
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 INJ100: 10



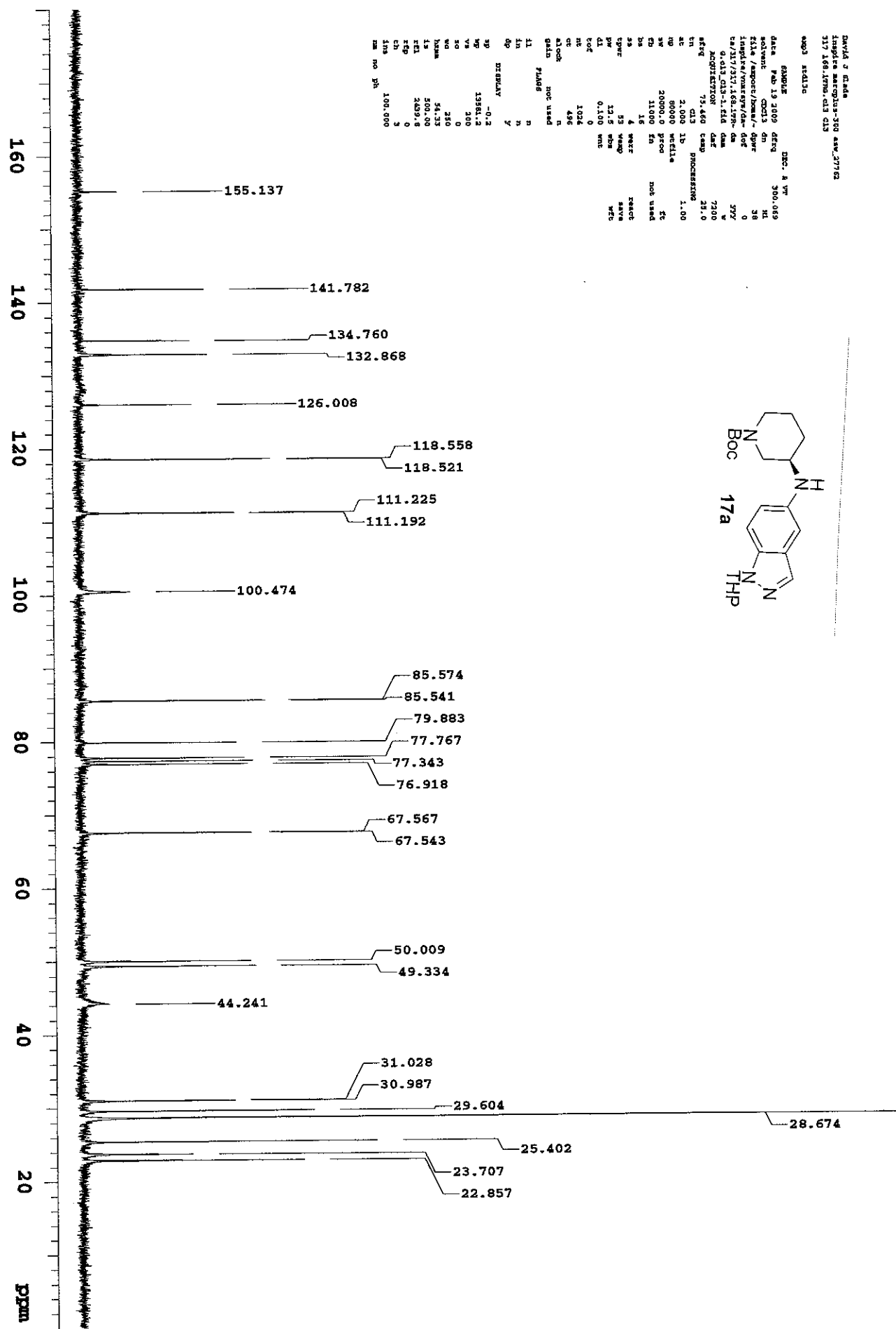
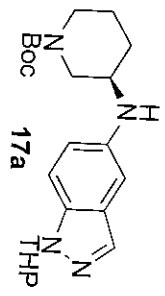
David J Glade
 Inspec macqplus-300 rev 27763
 217 168.1700.H1.H1

NAME: 17A
 DATE: Feb 19 2009 09:54
 SOLVENT: CDCl3 dm
 FILE: /support/chem/17a-400c
 SAMPLE: /support/chem/17a-400c
 EM/17/217.168.1700-dm
 0.1M.H1-1.214 dm
 MONITORION: dm
 SFRY: 300.069 cmg
 SN: 4.000 Hz
 AC: 30000
 AP: 4397.5 proc
 DS: 2000 sp
 BS: 4
 SS: 4
 TPR: 56
 PW: 11.5
 DI: 1.000
 COT: 300.0
 HT: 4
 CC: 4
 SLOCK: noc
 SLLS: PLMS
 LI: n
 LN: n
 LP: y
 DIRBLV: 148.3
 AP: 2700.5
 VA: 841
 VC: 0
 VD: 1.00
 VV: 10.80
 L4: 2172.90
 FCL: 708.2
 FCP: 4
 CH: 5
 LMS: 1.000
 PH: 7.00

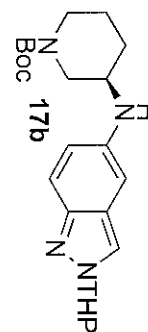


David J Glade
 Sample: sacg135-300 acq_27762
 117 166.1786, c13 c13

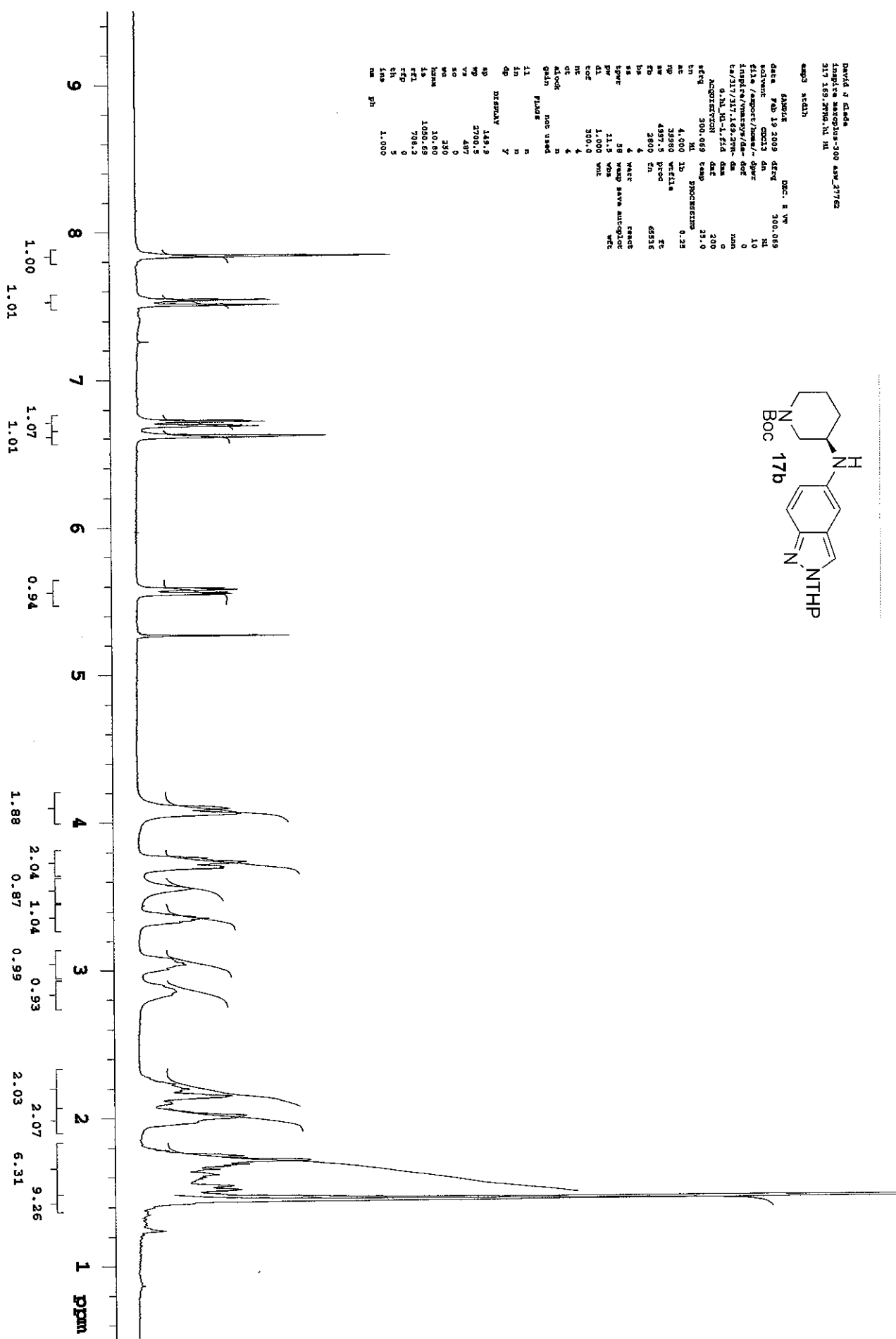
NAME: SACG135
 DATE: 11/17/17 16:18:19
 TIME: 11:17:17
 INSTRUMENT: spect
 CHANNEL: 135
 PULPROG: zgpg30
 ACQ: 135
 PROC: zgpg30
 F2: 125.760
 F1: 101.625
 AQ: 1.00
 SFO: 100.000
 SI: 32768
 SF: 100.000
 AS: 1.00
 AV: 1.00
 SC: 1.00
 SD: 1.00
 SE: 1.00
 SR: 1.00
 SWH: 100.000
 FWH: 1.00
 AXC: 1.00
 AXZ: 1.00
 GPC: 1.00
 GPC2: 1.00
 GPC3: 1.00
 GPC4: 1.00
 GPC5: 1.00
 GPC6: 1.00
 GPC7: 1.00
 GPC8: 1.00
 GPC9: 1.00
 GPC10: 1.00
 GPC11: 1.00
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 GPC89: 1.00
 GPC90: 1.00
 GPC91: 1.00
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 GPC94: 1.00
 GPC95: 1.00
 GPC96: 1.00
 GPC97: 1.00
 GPC98: 1.00
 GPC99: 1.00
 GPC100: 1.00



David V Glade
 Sample: macopinus-300 aqw_21762
 317 189.27964, 14.141

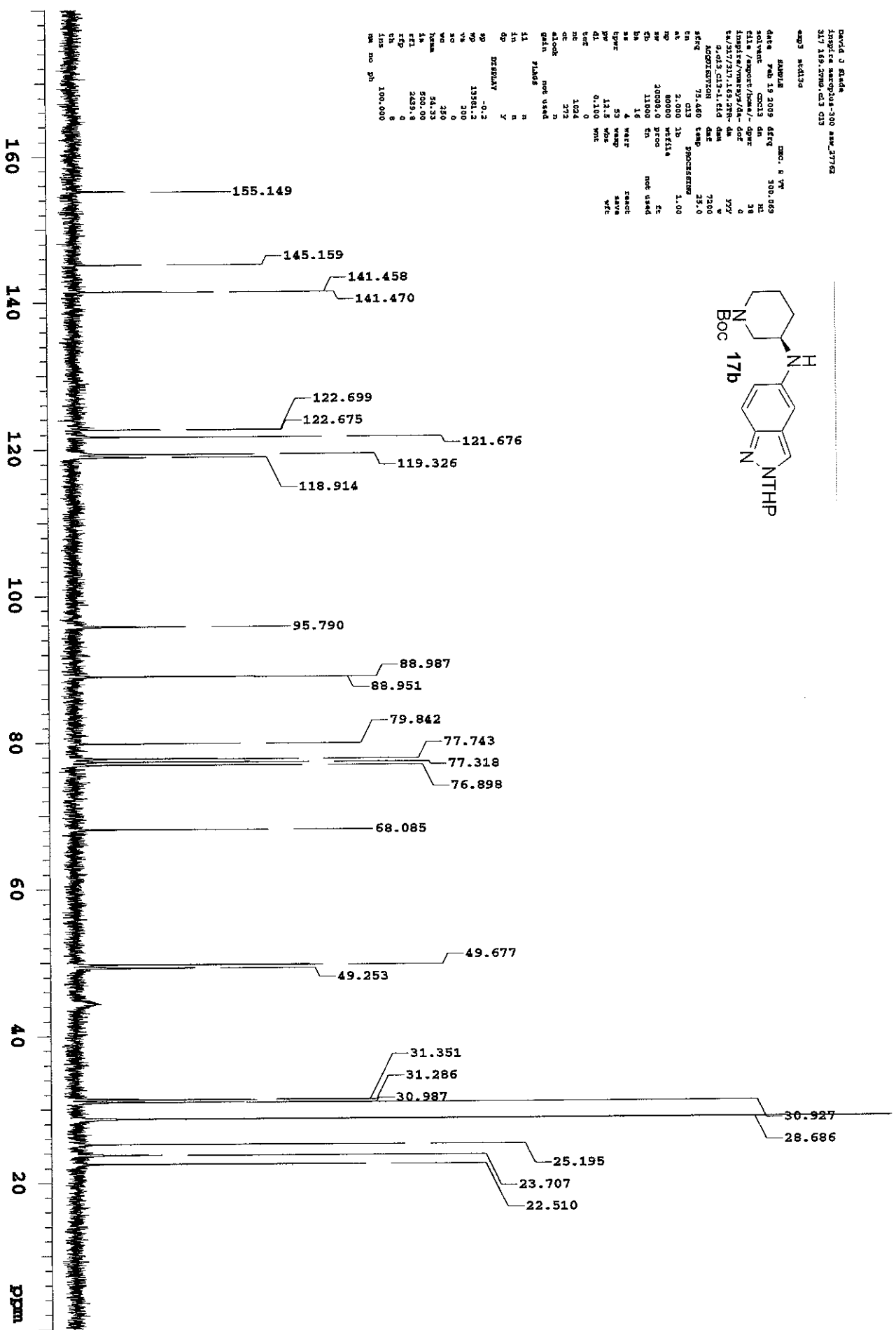
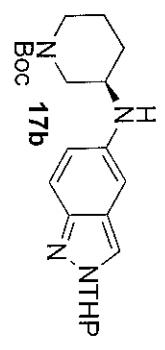


NAME: 300.069 DEC: 8 YR
 DATE: 10 19 2009 08:04 200.069
 SOLVENT: CDCl3 dn
 FILE: /export/home/...
 INSTRUM: /vms/...
 ACQUISITION: 300.069 temp 23.0
 PROCESSED: 0.25
 REACT: 4
 YIELD: 58
 WGT: 11.8
 VOL: 1.000
 WFC: 350.0
 HT: 4
 VT: 4
 ALLOC: 2
 PROC USED: 2
 QM/N PLAYS: 11
 IN: n
 DP: y
 DISPLAY: 189.9
 WP: 2700.5
 VS: 487
 WC: 0
 WA: 230
 NAME: 189.9
 IN: 1024.0
 CD: 708.0
 CH: 5
 SLS: 1.000
 NA: 31



David J Glade
 Inquire macroplus-300 ask_37762
 2/17 169.2700.d13 d13

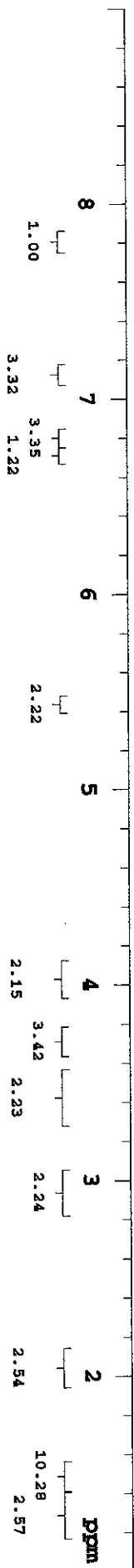
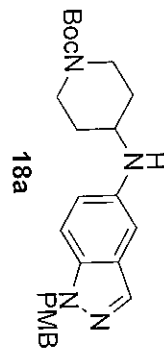
NAME: 19 2009 d13g
 SOLVENT: CDCl3 dn
 FILE: /report/169-2700.d13
 SAMPLE: 169-2700-04
 ACQUISITION DATE: 2/17/2009
 ACQUISITION TIME: 11:53:00
 INSTRUMENT: spect
 PULPROG: zgpg30
 PROCNAME: 169-2700-04
 F2: 100.625
 F1: 400.146
 AQ: 1.00
 SFO: 11000
 SF: 11000
 AS: 16
 HYPER: 4
 SWH: 53
 FWH: 13.5
 WWT: 0.150
 WTG: 0
 REACT: none
 NAME: none
 WTG: none



David J Glade
 Sample: macropur-300 aw_17762
 317 (800)pm.H1

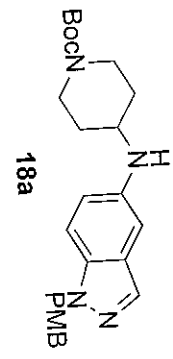
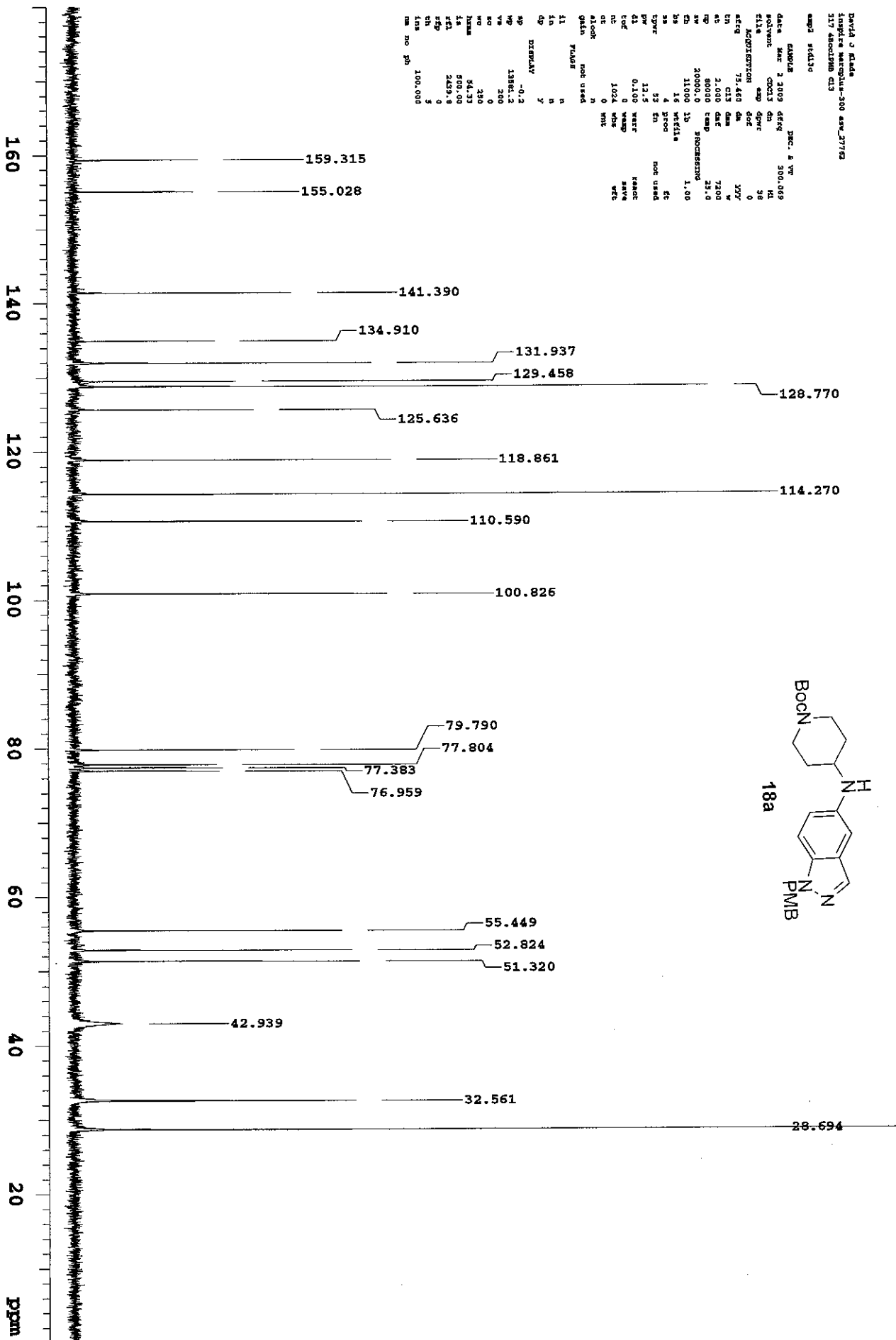
exp1: scd1h

NAME: 300.069
 Date: 2003.04.10
 solvent: CDCl3
 file: /export/chem/da...
 sample: /export/chem/da...
 317/317.Absol.DM
 5.H1-1.F14.dms
 ACQUISITION: 300.069 temp 25.0
 IN: 300.069 temp 25.0
 AT: 4.000 lb 300.069 0.25
 RP: 4096 points 42
 SP: 4096 4096 6536
 BP: 2000 51
 BS: 4
 AS: 4 year reason
 SPW: 58 vexp save atcylloc
 DI: 11.5 vobs
 TSC: 1.000 vml
 NS: 300.0
 NC: 16
 CC: 16
 allock: n
 gain: not used
 phase: n
 IN: n
 AS: n
 DP: 7
 DISPLAY: 300.0
 VP: 2400.5
 VA: 482
 VC: 0
 VD: 0
 VE: 250
 VF: 361.97
 VG: 708.2
 VH: 0
 VI: 5
 VM: 1.000
 VV: 0



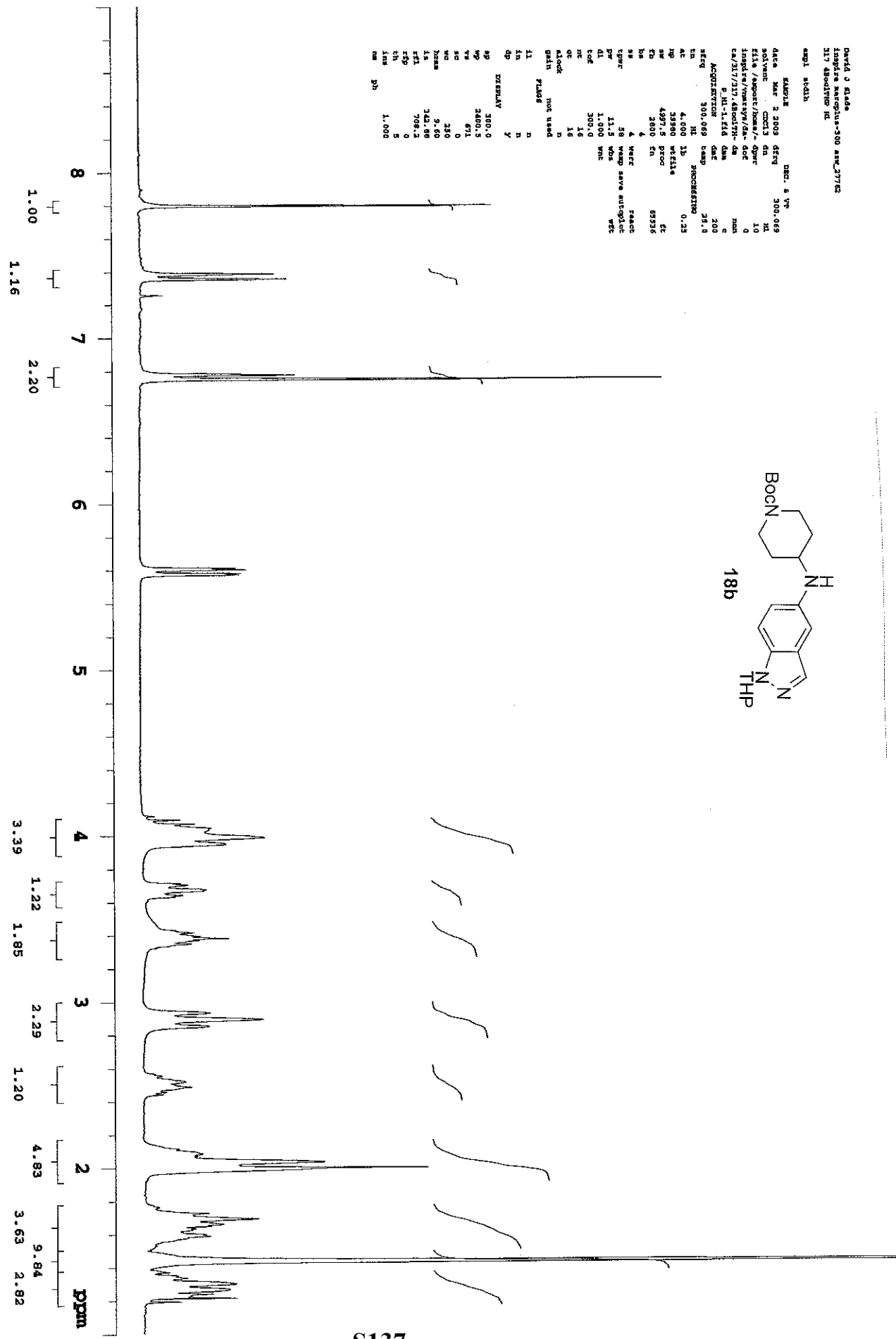
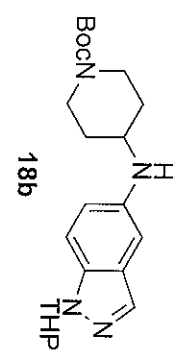
David J Glada
 Insipide Macroglyla-300 aw_27762
 317 AbsoluteM01.d13

EXP# 014130
 DATE_ 2009 DEC. 8 PM
 TIME_ 2:00:09
 FILE_ 317 AbsoluteM01.d13
 ACQUISITION_ dot
 F1_ 75.460 dm
 C13_ 0
 W_ 1.000 dm
 AT_ 2.000 dm
 RG_ 80000 comp
 SW_ 20000.0
 EQ_ 11000 1h 1h
 PS_ 1g
 PR_ 12.5
 DT_ 0.100 year
 CF_ 0
 NC_ 1024 hts
 CR_ 0
 ALOCK_ not used
 GAIN_ 1
 FIDIR_ 1
 IN_ 1
 DP_ 1
 DIRPLAY_ 1
 SP_ -0.2
 WP_ 13881.2
 VS_ 280
 SC_ 0
 WC_ 0
 HNAME_ 384.73
 ILS_ 500.00
 ELS_ 2439.8
 CIP_ 3
 CIP_ 3
 CIP_ 3
 MA_ 100.000
 NA_ no



David J Glade
 Inquire Macroporus-300 am_21762
 217 480dtrm id

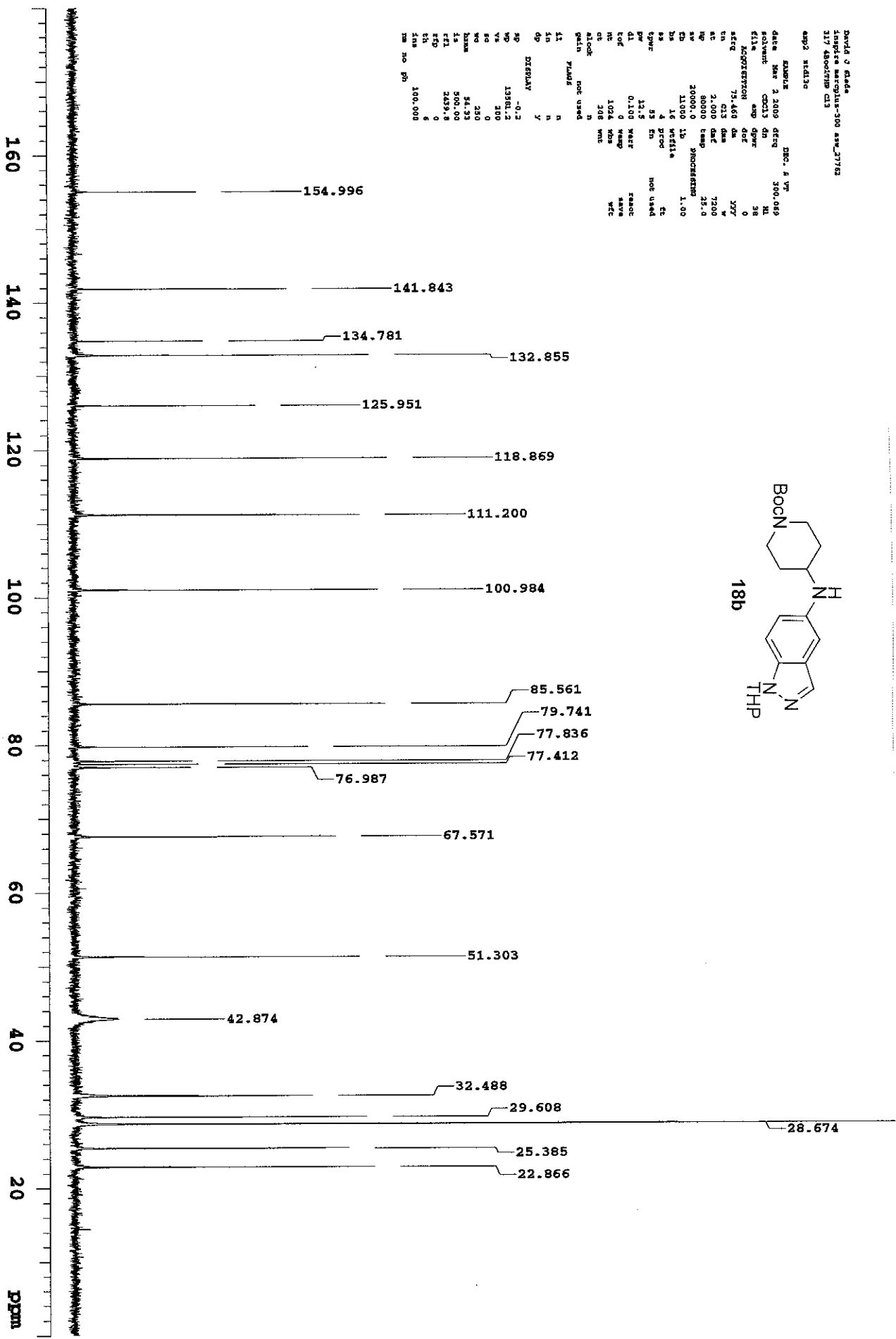
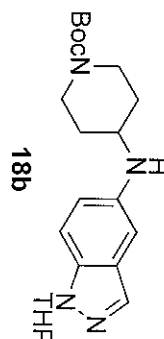
NAME: 300.069 DMR: 4 YR
 DATE: MAR 2 2009 08:00
 SOLVENT: CDCl3 dn
 FILE: /export/home/...
 SAMPLE: /...
 P: H1-1, F14 dm
 ACQUISITION: 300.069 comp 200
 PROC: 4.000 1p PROCESSION 0.25
 F2: 4397.5 proc 65336
 F3: 2800 tn
 BS: 4 veff
 SS: 58 veff save autogate
 PR: 11.5 wds
 DL: 1.000 WFL
 CG: 300.0
 NE: 16
 OR: 16
 MATH: not used
 GATE: 71468
 I1: n
 I2: n
 DP: y
 ZEROPHASE: 300.0
 W9: 2400.5
 W8: 671
 W7: 310
 W6: 9.60
 W5: 142.88
 W4: 708.2
 W3: 5
 W2: 1.000
 W1: 50



David J. Glavin
Joseph M. McGuire-300 asw_27752
117 480078P 013

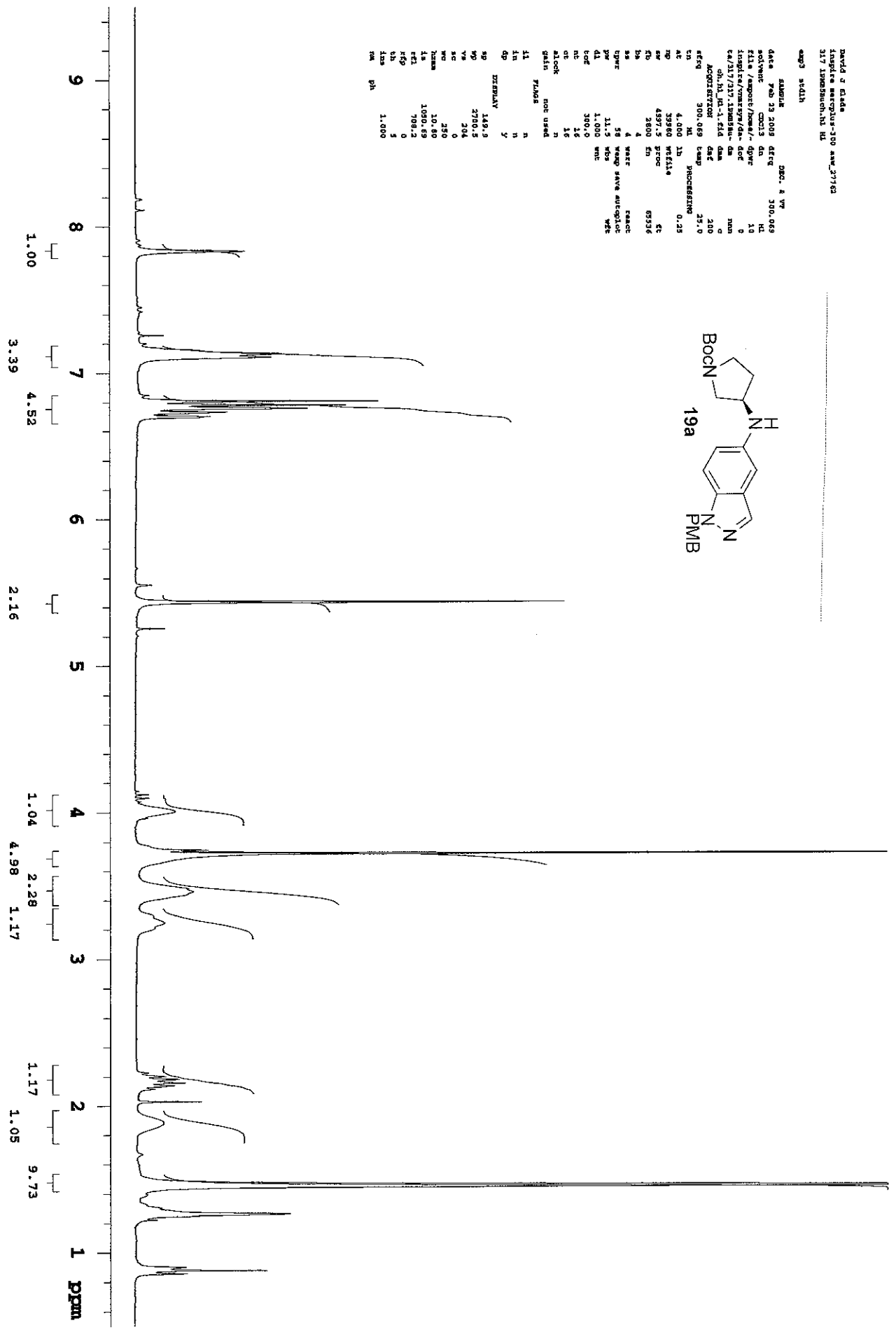
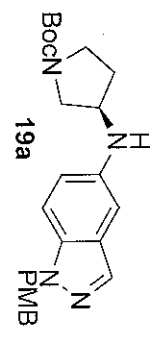
```

exp# 16130
NAME:
date Mar 2 2009 time 3:00:08
solvent: CDCl3 dn
fil# 0
KNOB: 75.464 dm
stg# 0
ca 013 dm
at 2,000 dm
mp 80000 temp 35.0
sw 20000.0
ca 11000 15
ID 1.00
DS 4
PS 4
SPR 53
PR 13.5
DL 0.100
LOF 0
HT 1024
CT 208
alock not used
galtz not used
PLUAG not used
II n
IN n
DP Y
DIRLAY -0.2
SP 13581.2
VA 300
SC 0
WC 230
SUM 54.33
IS 508.05
FEI 2431.8
SI 4
SM 4
mm no ps 100.000
  
```



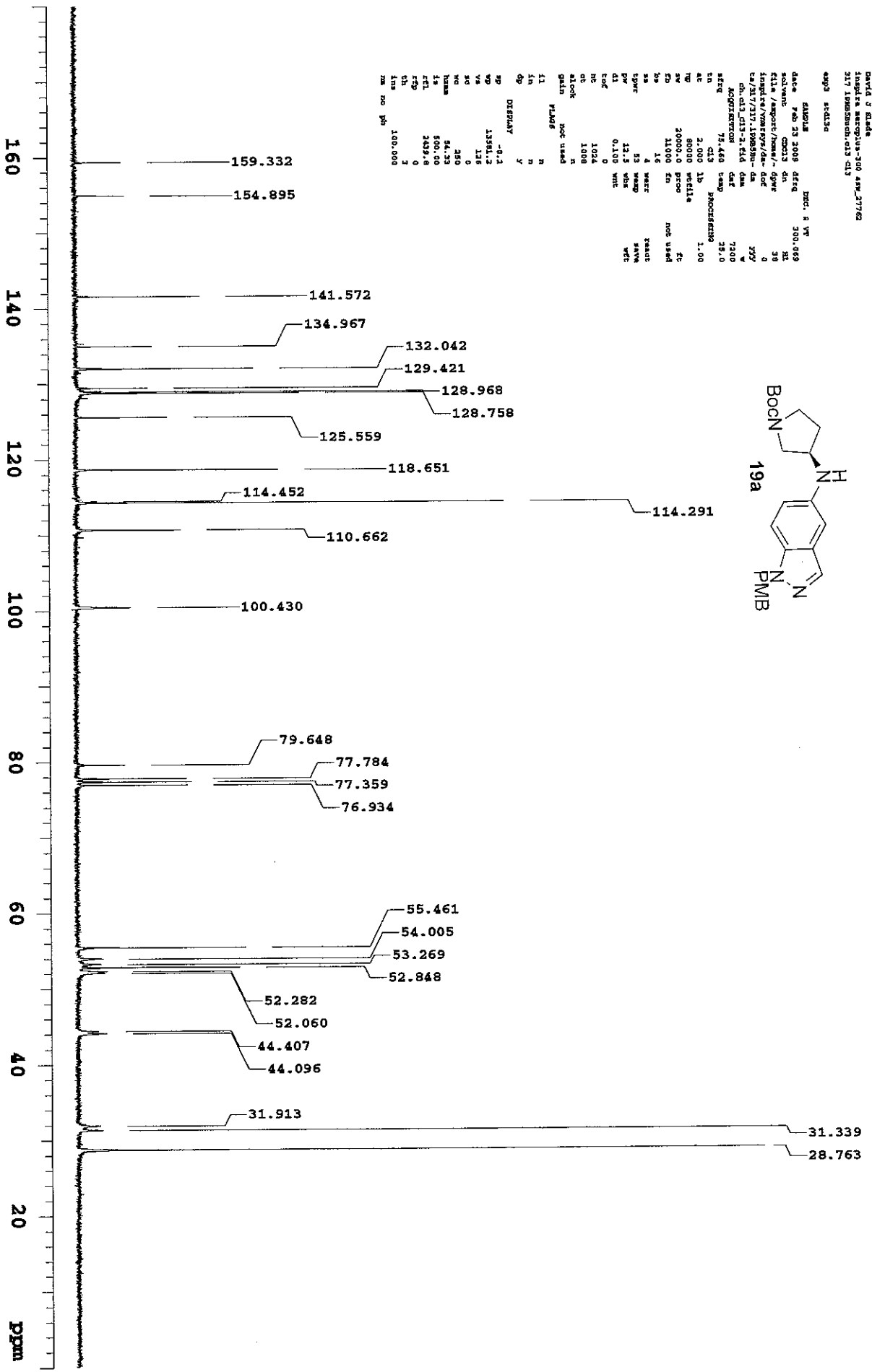
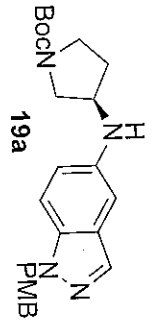
DAVID J ELADE
 INSTITUTE MICROPLAS-300 NEW_37163
 317 1998Buckh, HI HI
 exp3 SOLID

NAME: Pub 23 2009 DEFC. 8 YR
 DATE: 300.069
 SOLVENT: CDCl3 da
 FILE: /export/home/da-qpwr
 INSTITUTE: /vnmrwyw/da-gef
 CM: /317/317.1998Buckh-da
 CH: HI HI-1-ELI da
 ACQUISITION: da
 PROC: 300.069 temp
 LN: HI HI
 NT: 4.000 1h
 NS: 32800 64 files
 EQ: 4397.5 spec
 QB: 2800 5h
 BA: 4
 AS: 4
 UPW: 58
 PW: 11.5
 Q1: 1.000
 REF: 300.0
 NT: 16
 OR: 16
 GAIN: not used
 FLDS: 1
 SI: n
 IN: n
 DP: y
 DZEBALY: 149.9
 WP: 2750.5
 VS: 204
 SC: 18
 SC2: 18
 TOL: 10.80
 JA: 1000.69
 F69: 109.2
 CH: 5
 LSP: 1.000
 PH: 1.000



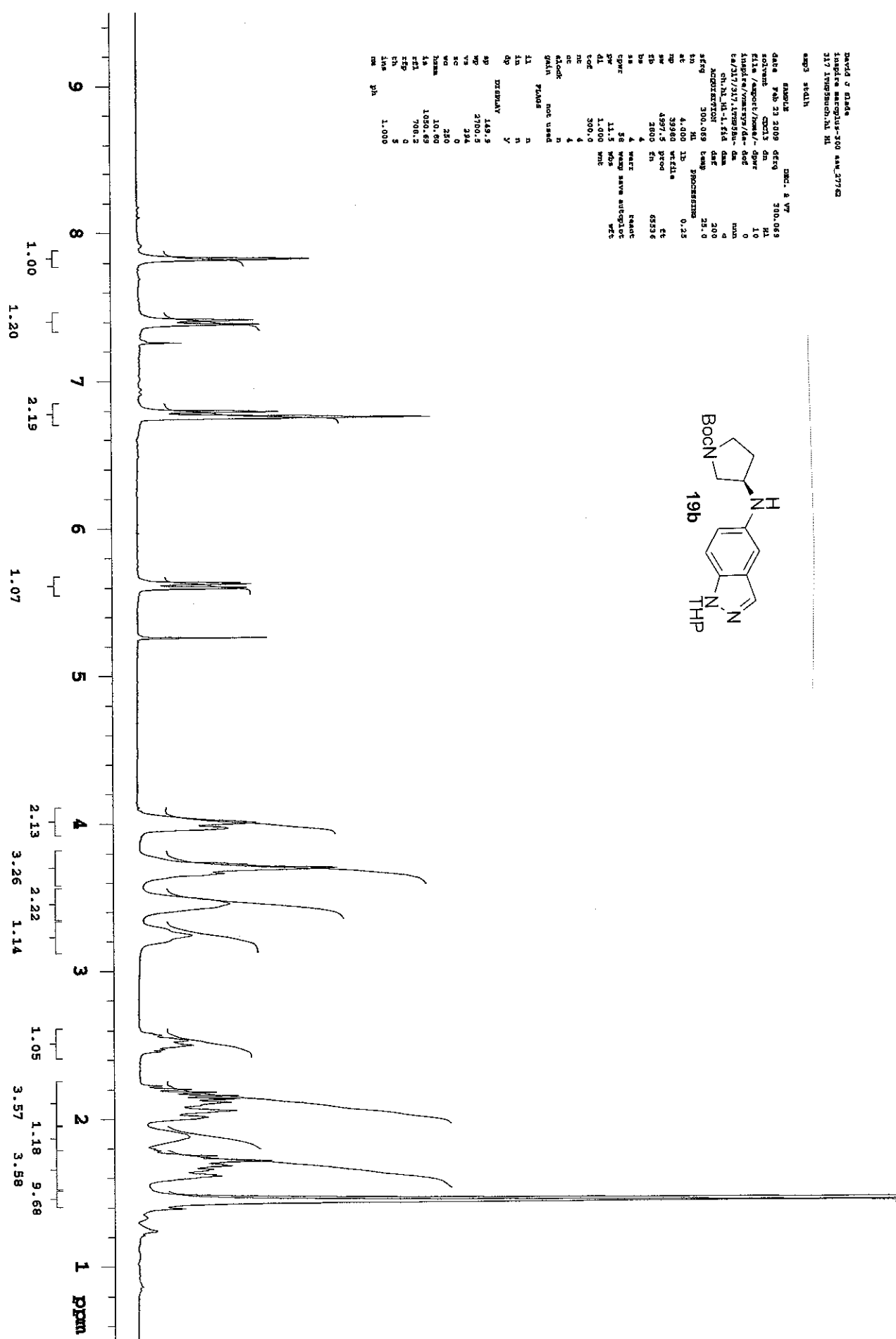
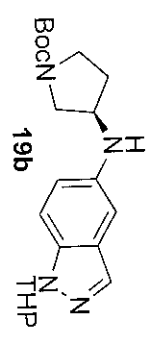
David J Bladt
 Sample: macropus-100_45M_27762
 217 19885804.013_013

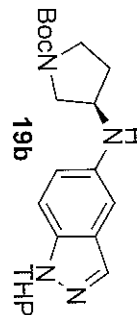
NAME: 19a
 DATE: 28 2009
 TIME: 11:00:00
 INSTRUMENT: spect
 PULPROG: zgpg30
 F2: 125.762
 F1: 400.141
 AQ: 1.00
 RG: 327.5
 SR: 1.00
 ORIGIN: 19a



David G. Glade
 Inspecim Macrogisus-700 44W.27762
 317 LINDSEYBROOK, N.H. HI

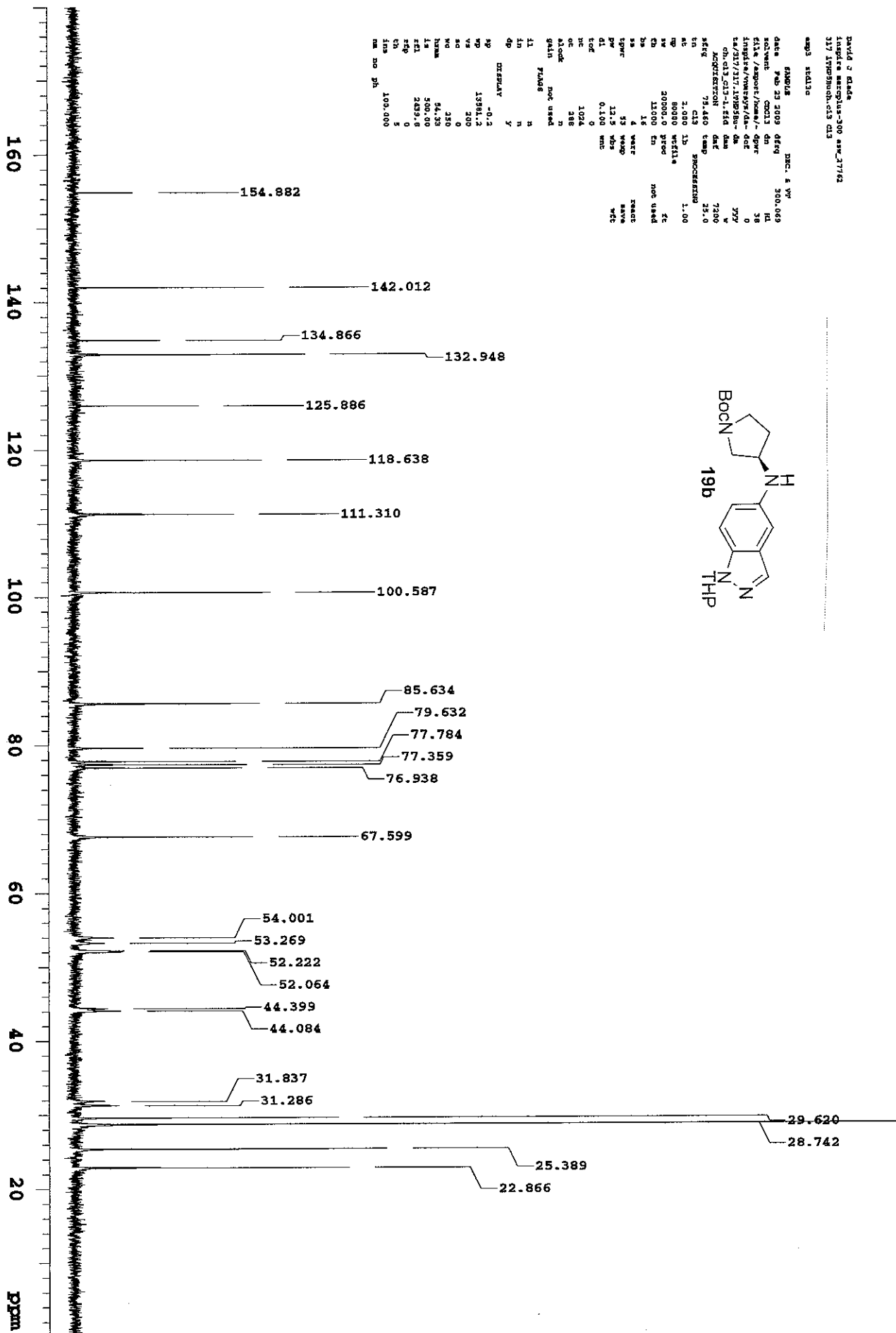
NAME: 19b
 DATE: Feb 21 2009 09:09
 SOLVENT: CDCl3
 FILE: /amport/19b/19b-01
 INSTITUTE: /amport/19b-01
 CH. NO.: 1
 FID: 19b
 ACQUISITION: 300.009
 IN: 4
 NS: 1
 DS: 1
 MD: 32000
 SP: 4897.5
 FID: 2000
 BP: 4
 AS: 4
 CPWF: 58
 PW: 11.5
 DL: 1.000
 CODE: 300.0
 ME: 4
 DE: 4
 EXCLUDE: not used
 GRAB: 19b
 II: n
 IA: n
 DP: y
 XREF: 149.9
 WP: 2700.5
 VS: 234
 WC: 0
 Z: 280
 NAME: 19b
 I: 1050.69
 FID: 708.2
 CH: 5
 IAS: 1.000
 PH: 1.000





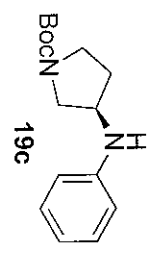
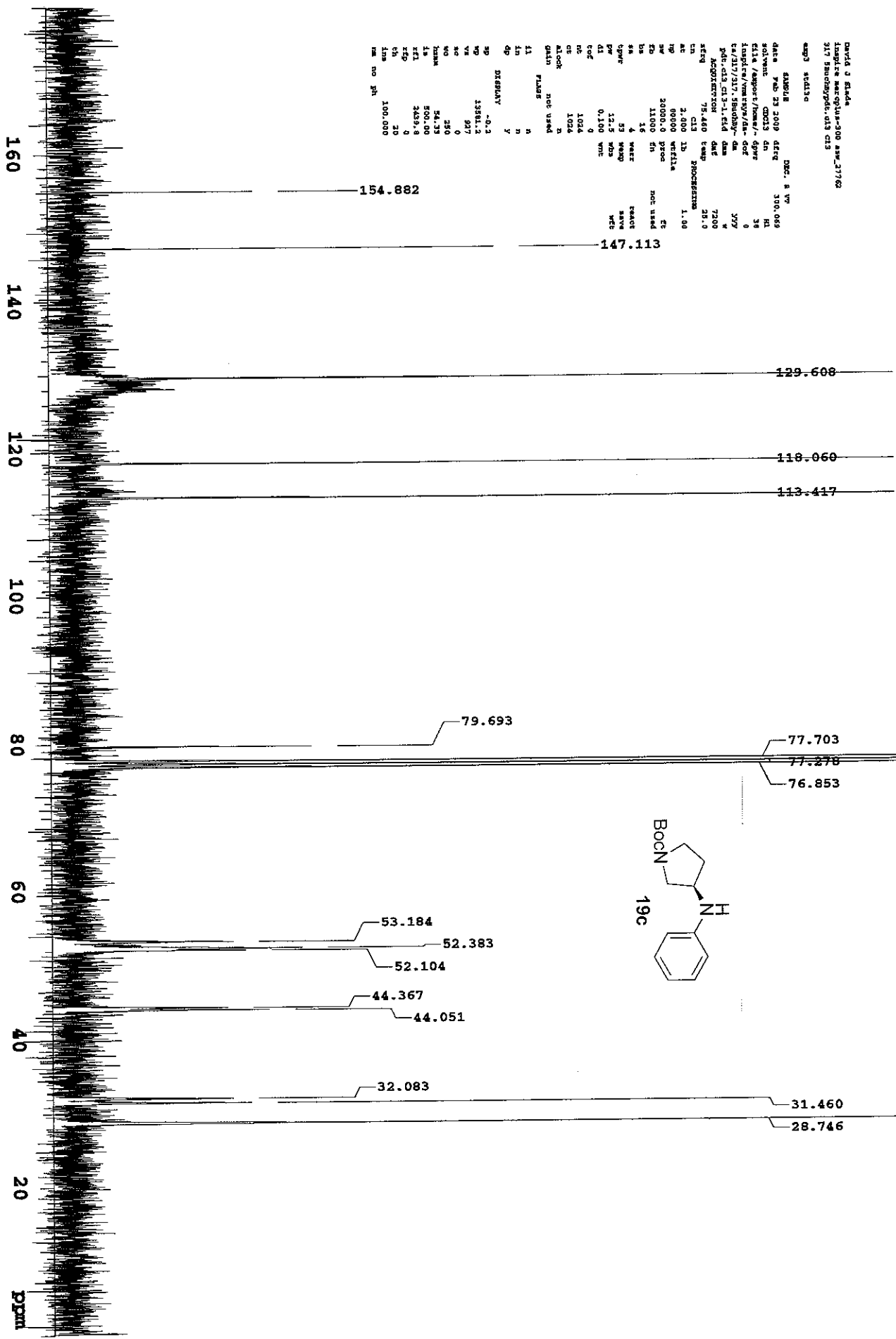
```

NAME         300013   PROC. 4 INT
DATE         24 2009 4649   300.069
VOLVENT     CDCl3   DE
FILE        /nmsr01/comp/da-4pwr
INSTRUME    vnmrsgw/da-dot
EX/317/317.105858a-da-dot
CH         c13.c13-l-1.t14   data
ACQRETRON   73.460   date
SETR        73.460   comp
EN          c13   PROCESSING
AS          2.000  15
RG          80000  width
NR          20000   step
DR          11000   in
DS          16
SS          4   vexp
UPRR        55   waltz
PW          12.5   vbs
DI          0.100   wnt
LOF         0
TC         1024
EC         188
ALOCK      not used
GAIN       16406
PRGMS      7
LI         n
LN         n
LD         y
DIRBLV     y
sp          -0.2
wp          13381.2
vz         200
ns         0
nd         0
NO         320
NUNUM      54.39
LN1        5206.00
LN2        2000.00
NS2        2000.00
CH         5
IMP         100.000
nm no ph
  
```



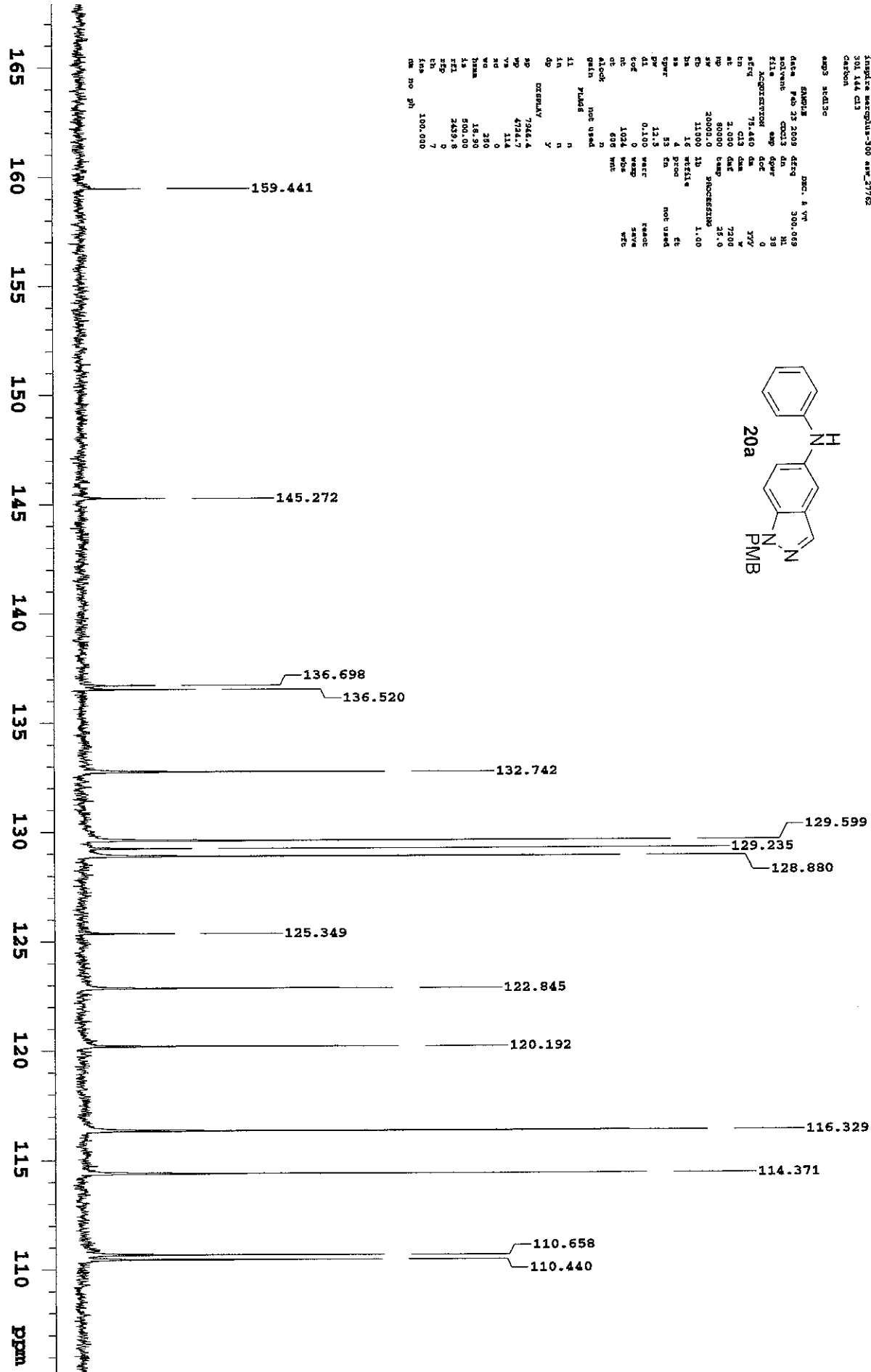
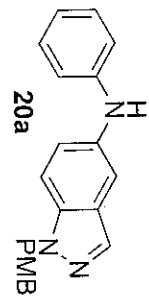
David J Standa
 Sample Name: 300 aw_21762
 317 Smokeygate.c13 c13
 exp: 0413c

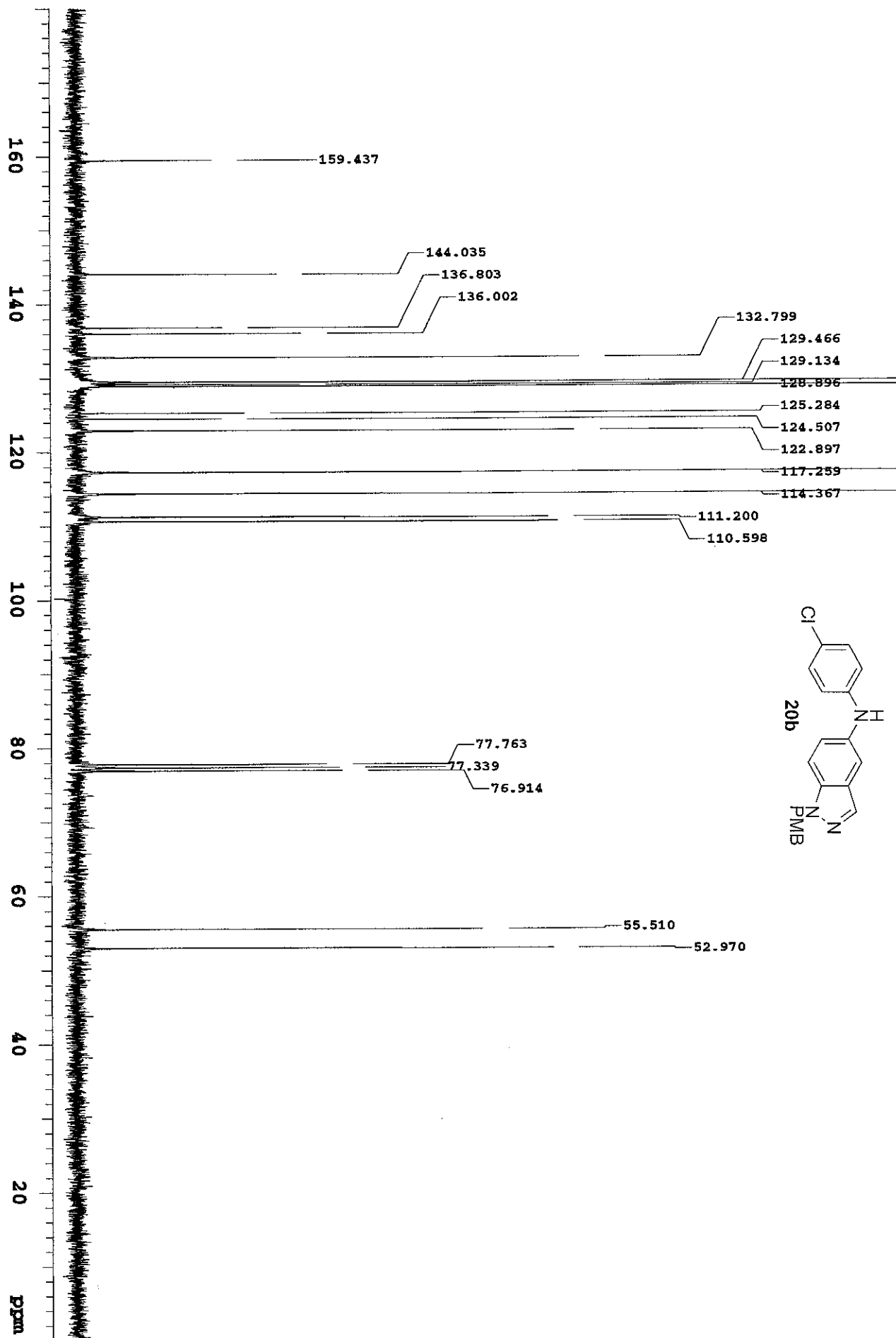
NAME: 300 aw_21762
 Date: Dec 8 '97
 File: /home/.../300 aw_21762
 Sample Name: 300 aw_21762
 PDB: c13 c13-1.fid
 ACQUISITION: 75.480 temp
 PROCESSED: 28.0
 REACT: 1.00
 NAME: 300 aw_21762
 FILE: /home/.../300 aw_21762
 SAMPLE NAME: 300 aw_21762
 PDB: c13 c13-1.fid
 ACQUISITION: 75.480 temp
 PROCESSED: 28.0
 REACT: 1.00
 NAME: 300 aw_21762
 FILE: /home/.../300 aw_21762
 SAMPLE NAME: 300 aw_21762
 PDB: c13 c13-1.fid
 ACQUISITION: 75.480 temp
 PROCESSED: 28.0
 REACT: 1.00



NMR Data
 Sample: marcpin-300 exp_31762
 301.144 C13
 Carbon

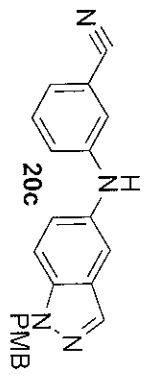
4093 304130
 data: Feb 23 2003 freq: 300.069
 solvent: CDCl3 dn: HL
 file: exp_dcp: 38
 acquisition: dcf: 0
 s: 75.480 dm: 333
 ch: C13 dm: 7200
 at: 2.000 dmf: 25.0
 p: 80000 temp: 25.0
 sr: 20000.0 lb: PROCESSION: 1.00
 cs: 11000 lb: 1.00
 ss: 1: 128KHz
 ss: 2: 128KHz
 ss: 3: 32
 ss: 4: not used
 pr: 13.5
 di: 0.100 wacr: reac: 0
 cf: 0 wamp: save: 0
 nt: 1024 wos: wfc: 0
 ct: 610 wnt: 0
 alock: not used
 gain: 1
 pmas: 0
 f1: n
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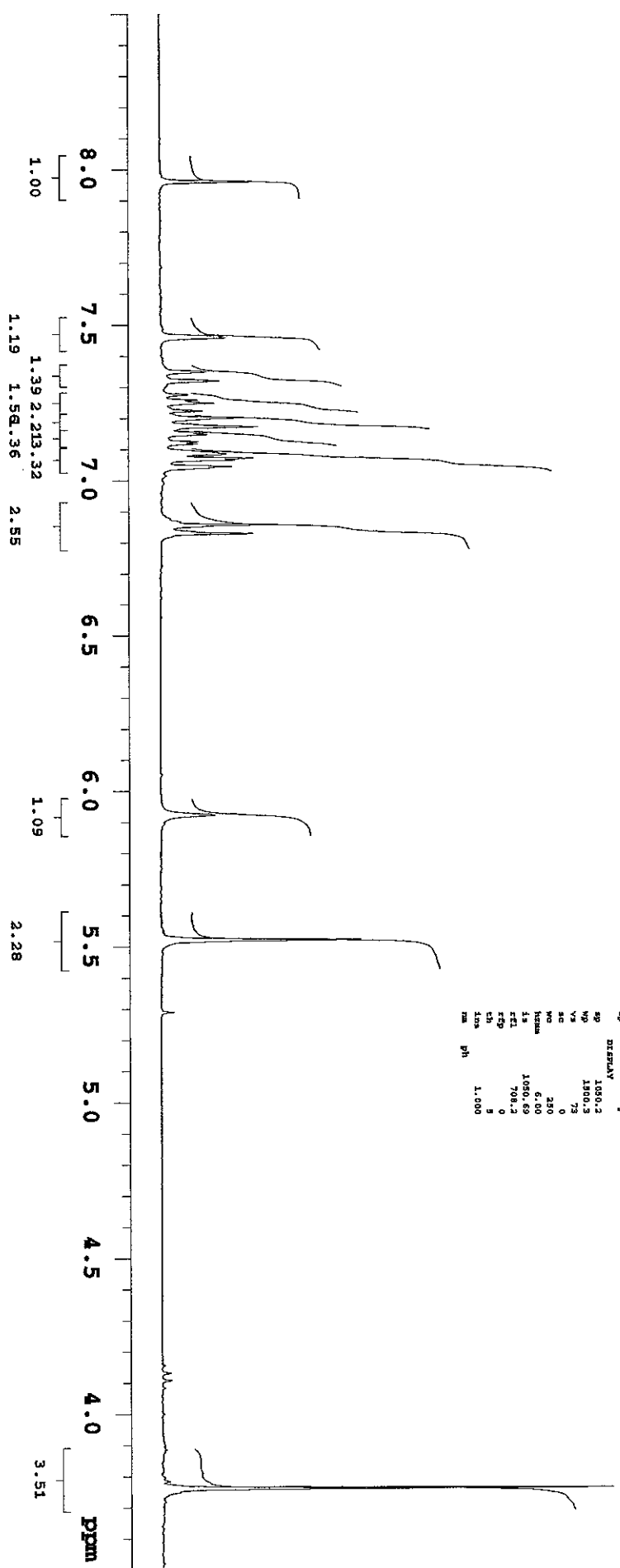


David S Glade
 1000 MHz spectrometer-300 mhz_21762
 1000 MHz
 2F mg

amp: 100k



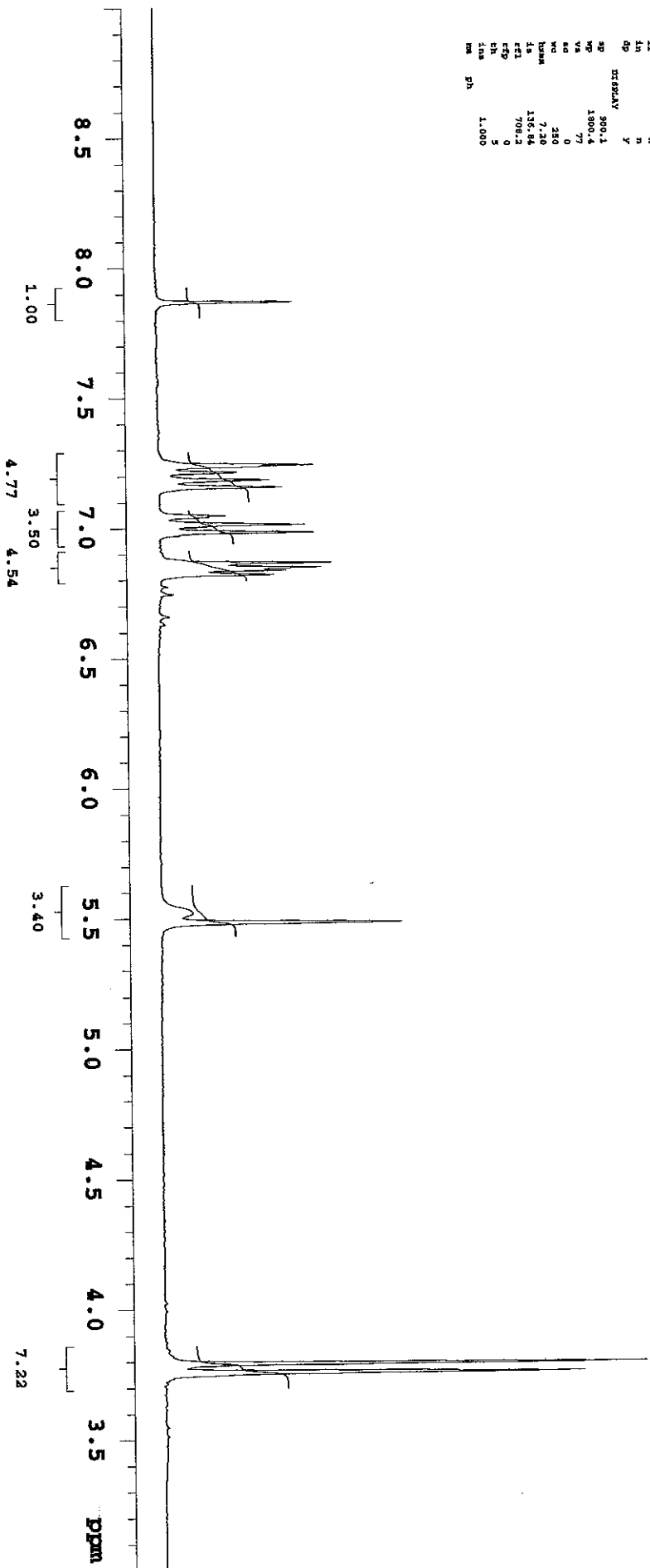
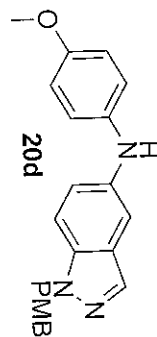
NAME: 20c
 Date: Mar 5 2008
 Time: 11:00
 File: 20c.d
 F2: 100.069
 ACQUISITION: 4000
 IN: 4000
 NO: 100
 SW: 100
 PR: 100
 F1: 4397.5
 F2: 3800
 F3: 1000
 F4: 1000
 F5: 1000
 F6: 1000
 F7: 1000
 F8: 1000
 F9: 1000
 F10: 1000
 F11: 1000
 F12: 1000
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 F14: 1000
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 F91: 1000
 F92: 1000
 F93: 1000
 F94: 1000
 F95: 1000
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 F98: 1000
 F99: 1000
 F100: 1000



David J Glade
 Inquire Macgill-300 aw_27762
 317 Kobernallium Rd

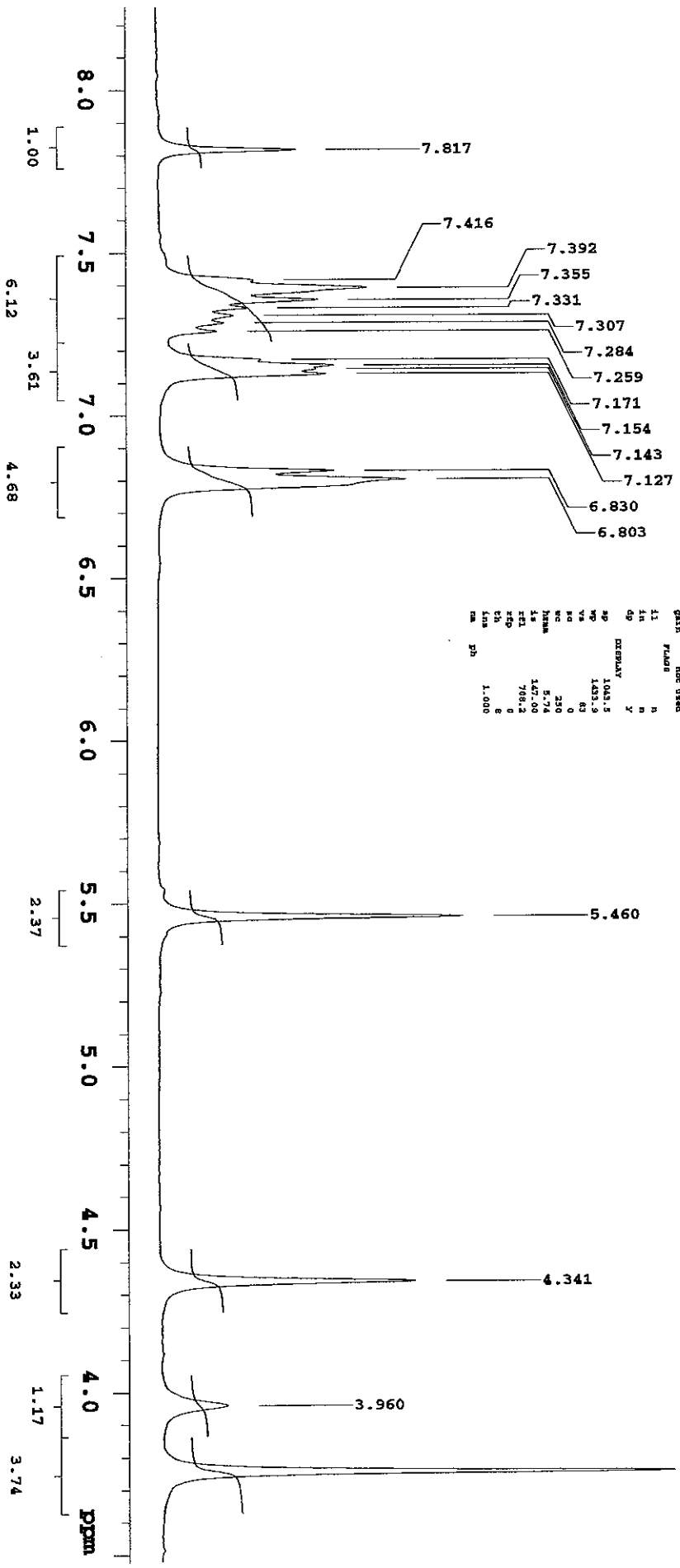
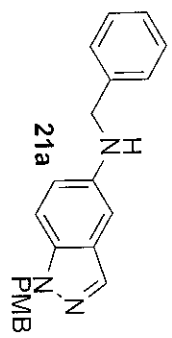
exp1 rec1h

NAME: 20d
 Date: Mar 1 2009 04:49 300.069
 solvent: CDCl3 dn H1
 file: exp1.dpr 1.0
 NOISE: 0
 sfg: 300.069 dm 0
 tn: H1 dm 200
 ac: 4.000 dm 23.0
 mp: 33980 temp
 nw: 4397.5 PROGRESSIVE 0.25
 rd: 2800 lb
 bt: 4 PCELLS
 sb: 4
 sp: 11.9 6336
 sy: 56 21
 dt: 1.000 react
 pf: 300.0 vwap save autopic
 ne: 4 wbs
 ct: 4 mt
 alock: not used
 gain: n
 name: PLMR
 i1: n
 i2: n
 i3: n
 op: y
 display: y
 sp: 380.1
 mp: 1800.4
 va: 77
 wa: 0
 wd: 230
 hnam: 7.20
 la: 136.84
 f1: 708.2
 f2: 0
 f3: 0
 f4: 0
 f5: 0
 f6: 0
 f7: 0
 f8: 0
 f9: 0
 f10: 0
 f11: 0
 f12: 0
 f13: 0
 f14: 0
 f15: 0
 f16: 0
 f17: 0
 f18: 0
 f19: 0
 f20: 0
 pH: 1.000



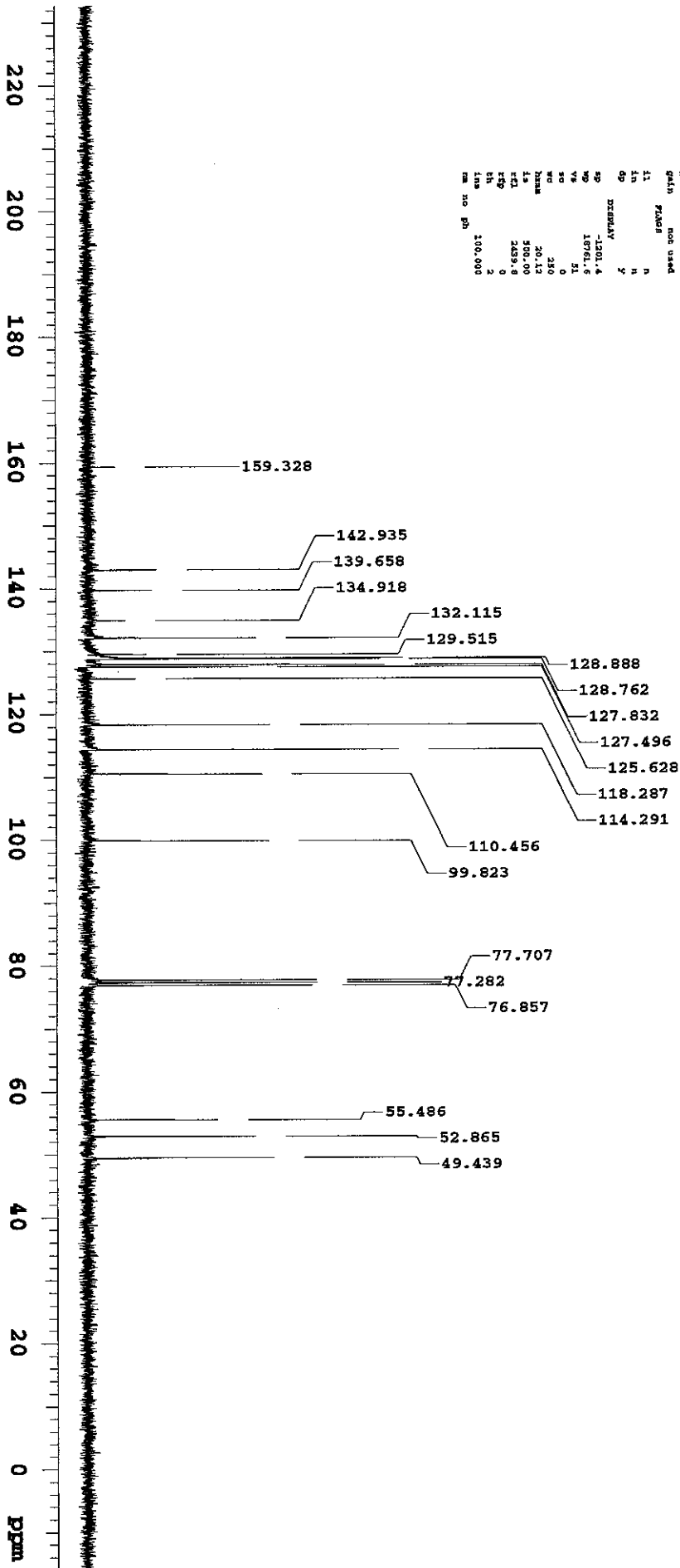
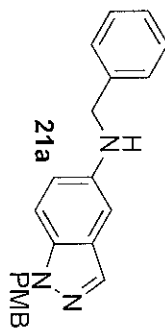
Rick Pali
 Analytic Services-300 45W, 27763
 301 146 Rd
 Dept. 44111

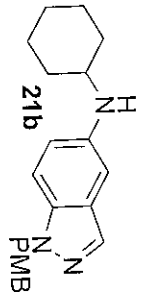
SAMPLE: DMC, 4 VP, 300.069
 date: Feb 24 2009 05:09
 solvent: CDCl3 sh
 file: 00013 sh
 Acquisition: 10
 name: 300.069 dm
 ac: 4.000 dm
 mp: 39980 temp 200
 sw: 49971.5 temp 25.0
 EN: 2800 1b PROGRESSIVE 0.25
 DS: 4
 PR: 4
 SP: 56 En
 PW: 11.5
 DI: 1.000 wave
 LO: 300.0 wave
 NT: 16 wds
 CR: 16 wds
 SLOCK: n
 GAIN: not used
 PULS: n
 SI: n
 ZN: n
 DP: y
 DEQUAL: y
 AP: 1043.5
 WP: 1433.9
 VA: 83
 KA: 0
 WC: 230
 HNAME: 5.74
 IS: 1467.00
 KIL: 768.2
 KDP: 8
 KTD: 8
 LAM: 1.000
 MM: ph



NMR PA11
 Impure macropus-300 estw_21762
 301.148 C13
 Carbon

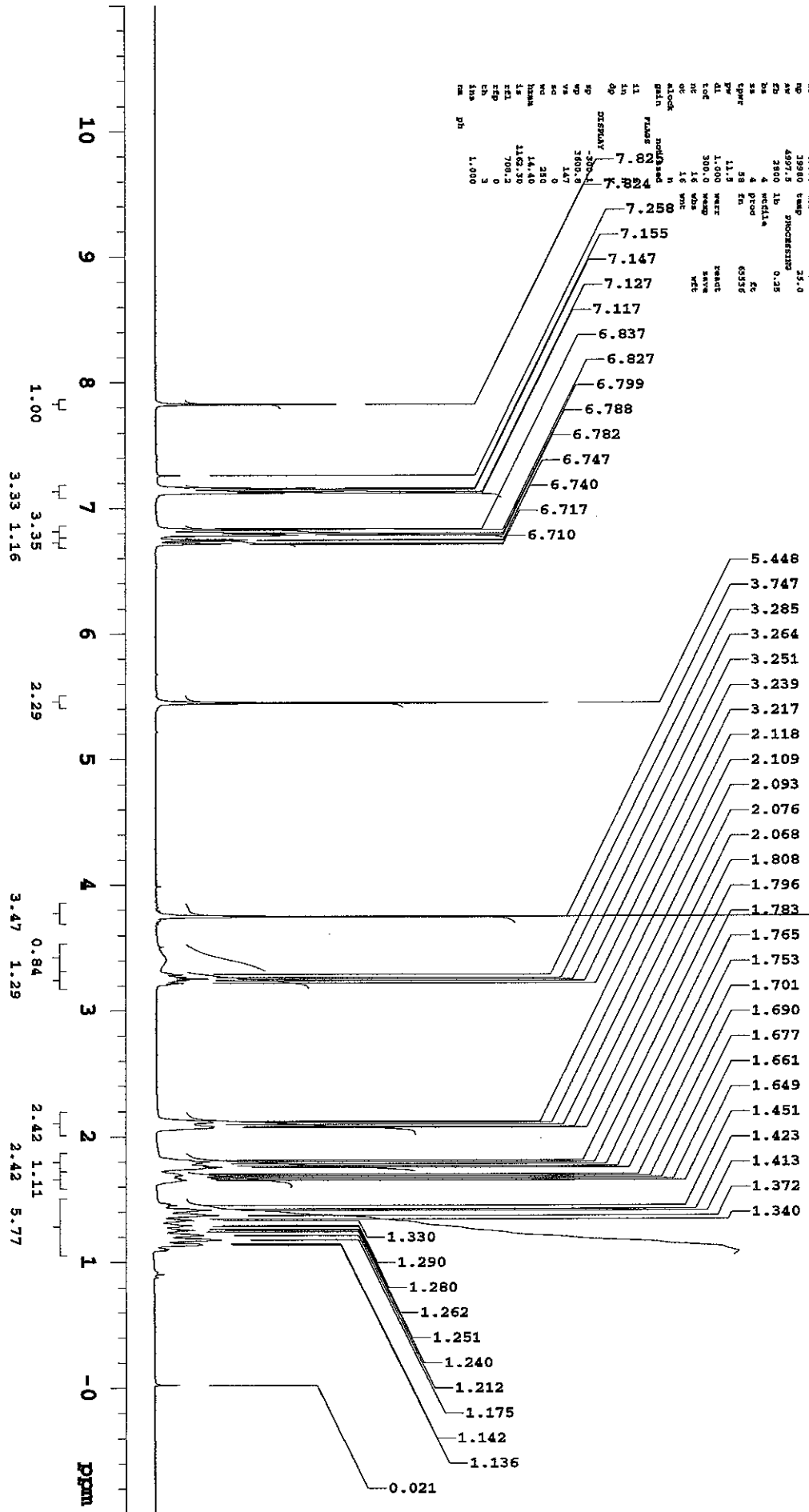
exp2 rec130
 name
 date Feb 24 2009 dfrq 300.069 MHz
 solvent CDCl3 dn
 file ACQUISITION exp dppr 38
 aqcy 75.440 dm 0
 en C13 dm 337
 at 2.000 dmf 7200
 rp 80000 temp 25.0
 sw 20000.0 PROGRESSIVE 1.00
 cb 11000 lb
 ps 16 width
 sa 16 proc not used
 sp 11.5 en
 of 0.100 warr reac
 nt 1024 vbs save
 cr 672 vht vft
 alook not used
 gain not used
 f1000f
 11 n
 10 n
 99 2
 name
 sp -1301.4
 wv 18761.6
 v2 51
 s0 0
 wv 250
 hnm 20.12
 13 500.00
 v21 2829.8
 v22 2
 v23 2
 v24 100.000
 nm no ph





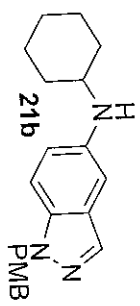
INSTRUMENT: spectplus-300
 301.149 Hz
 4092 scans

DATE: 23 2009
 TIME: 09:09
 SOLVENT: CDCl3
 ACQUISITION: 300.069 MHz
 PULPROG: zgpg30
 F2: 300.069 MHz
 F1: 300.069 MHz
 AQ: 4.000 sec
 RG: 327.5
 DS: 4
 SWH: 12.500 kHz
 FWHM: 0.25 Hz
 A: 0.25 Hz
 SFO: 300.069 MHz
 P1: 11.000 usec
 PL1: 0.000 dB
 FREQ1: 300.069 MHz
 PC: 1.600 usec
 PL: 0.000 dB
 FREQ: 300.069 MHz
 OR: 1.600 usec
 PL: 0.000 dB
 ALLOC: auto
 CHANNEL: 300.069 MHz
 NUC1: 13C
 P1: 11.000 usec
 PL1: 0.000 dB
 FREQ1: 300.069 MHz
 PC: 1.600 usec
 PL: 0.000 dB
 FREQ: 300.069 MHz
 OR: 1.600 usec
 PL: 0.000 dB



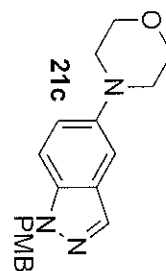
H₂O: 1.0
 100% Me₂SO-d₆: 100.000
 100% Me₂SO-d₆: 100.000
 Carbon: 13C

NAME: 21b
 DATE: 7/21/2018
 TIME: 10:08
 SOLVENT: Me₂SO-d₆
 PULPROG: zgpg30
 AQ: 0.500
 F1: 125.000
 F2: 125.000
 F3: 125.000
 F4: 125.000
 F5: 125.000
 F6: 125.000
 F7: 125.000
 F8: 125.000
 F9: 125.000
 F10: 125.000
 F11: 125.000
 F12: 125.000
 F13: 125.000
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 F42: 125.000
 F43: 125.000
 F44: 125.000
 F45: 125.000
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 F97: 125.000
 F98: 125.000
 F99: 125.000
 F100: 125.000





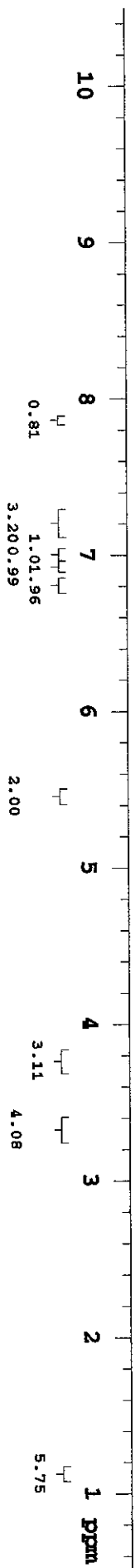
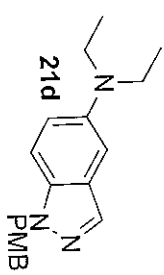
7.915
7.274
7.257
7.242
7.158
7.129
7.113
6.828
6.801
5.484
3.881
3.748
3.106



NAME: 21c
EXPNO: 1
PROCNO: 1
PROCNAME: 21c
DATE_UTC: 20131128
TIME: 13.00
PROBHD: zgpg30
PULPROG: zgpg30
TD: 131072
SOLVENT: CDCl3
AQUA: 1.000
TE: 300.2
F2 - F1: 50.013
AQ: 1.150
RG: 327.500
RT: 0.200
SHAPE: GM
CORRECT: 1
SMOOTH: 10
DELTA: 0.000
DETECTOR: ht
PROCSTAT: 0
UNRESOLVED: 0
ACQTIME: 11.15
INSTRUM: spect
PROBHD: zgpg30
PULPROG: zgpg30
TD: 131072
SOLVENT: CDCl3
AQUA: 1.000
TE: 300.2
F2 - F1: 50.013
AQ: 1.150
RG: 327.500
RT: 0.200
SHAPE: GM
CORRECT: 1
SMOOTH: 10
DELTA: 0.000
DETECTOR: ht
PROCSTAT: 0
UNRESOLVED: 0

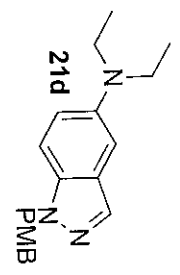
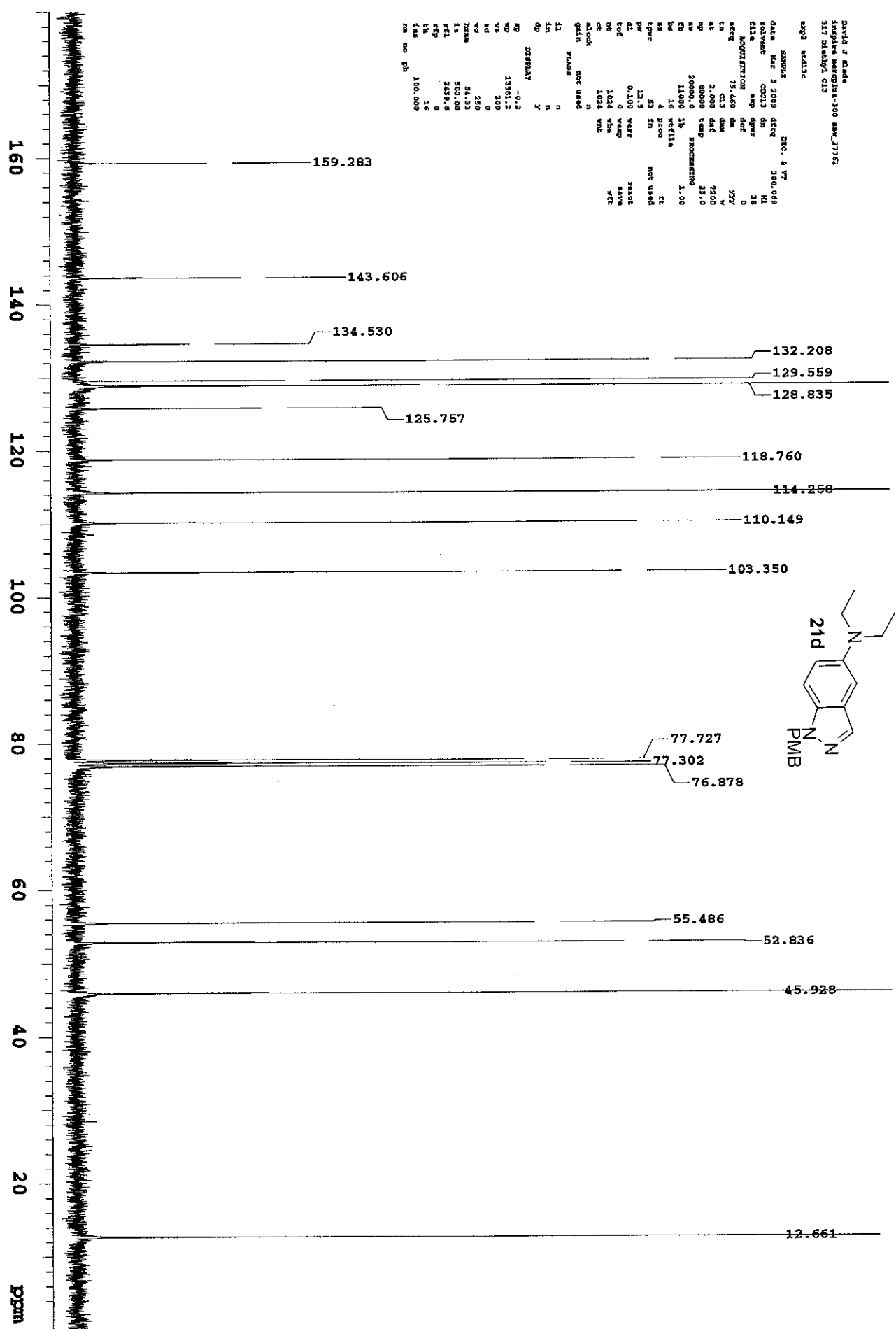
David R Glaser
 Inspecite asacoptin-300 asw_277K
 317 Relative HI

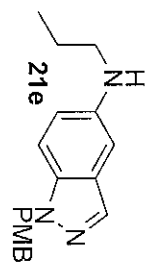
exp1 scd1h
 310012 200. 8 VP
 date Mar 5 2009 08:49 300.068
 solvent CDCl3 0.000
 shift NMR 1.0
 acq1 ACQUISITION exp dot
 freq 300.069 da
 in HI data
 nt 4.000 dnt 200
 np 39380 temp 25.0
 av 4597.5 PROCESSED 0.25
 ch 2890 1b
 ds 4 vcd1h
 sa 4 p1oc
 sa 58 cm 65358
 sp 1.45
 dt 1.000 vort
 ind 300.0 vomp save autojoc
 ne 15 vhs
 ot 15 vnt
 Alcoh
 gain n
 mode used
 P1A5 n
 P1A5 n
 P1A5 n
 P1A5 y
 DEPRAY 149.9
 NP 3000.7
 W 147
 VS 0
 Wd 290
 Huma 13.00
 Is 1050.89
 v2h 708.2
 f2p 0
 ch 5
 km 2.000
 tm ph



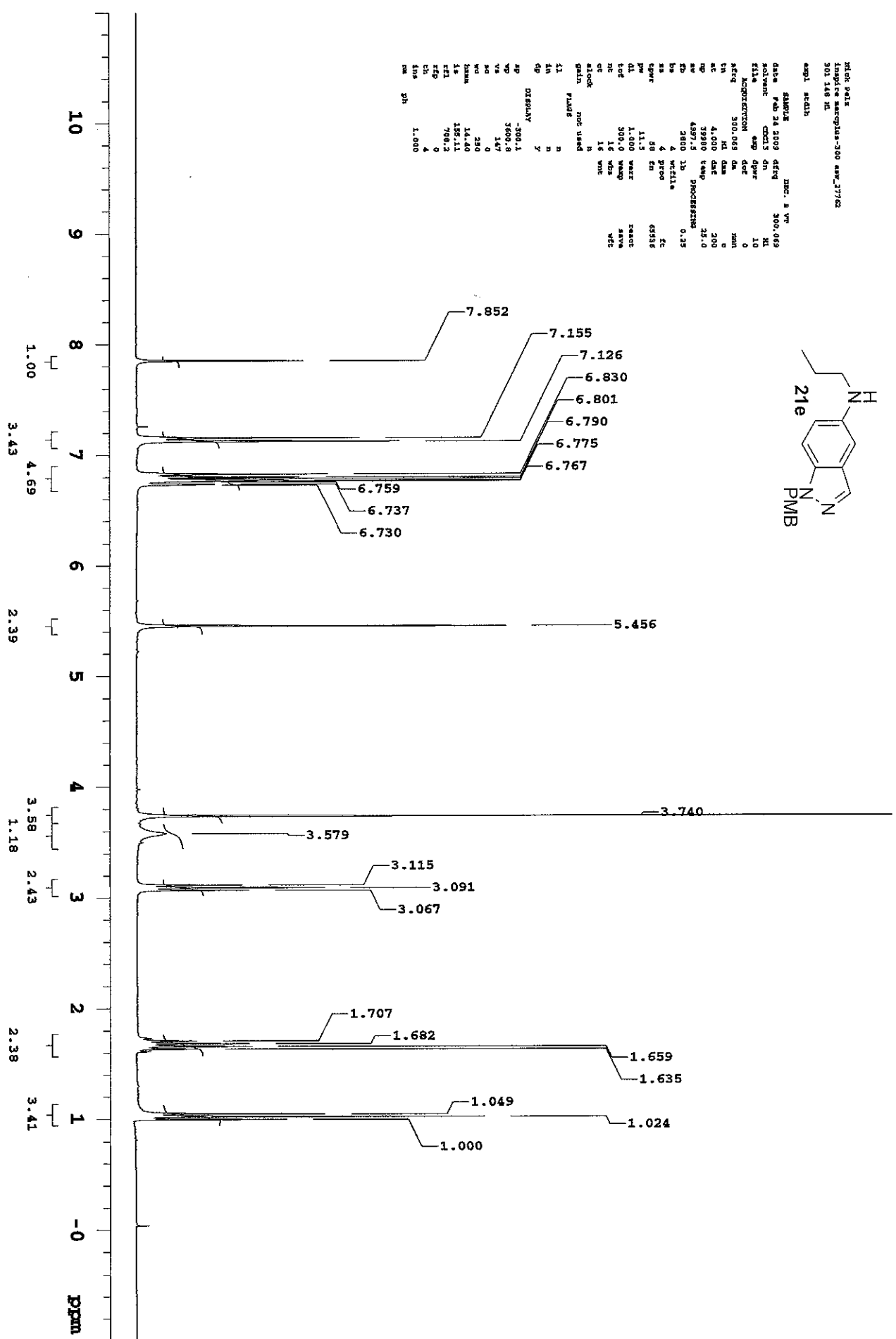
David J. Glade
 Institute for Organic Synthesis
 317 Hurler Ct
 40474

NAME: 21D
 ACQUISITION DATE: Mar 3 2019
 ACQUISITION TIME: 09:57:33
 INSTRUMENT: Bruker Avance 300
 PULPROG: zgpg30
 PROCNO: 1
 F2: 300.135
 F1: 100.625
 AQ: 2.000
 AS: 16
 RG: 2048
 RA: 1.0000
 SC: 1.0000
 SR: 1.0000
 SI: 32768
 SF: 125.130
 SD: 125.130
 SB: 0.100
 SCALD: 1024
 REFC: 1024
 NS: 256
 DS: 4
 SWH: 31.000
 FWHM: 0.100
 AQRES: 0.125
 SFORES: 0.500
 SFRES: 0.004
 SIRES: 1024
 FIDRES: 0.000
 AFR: 16.000
 SIRES: 1024
 FIDRES: 0.000
 AFR: 16.000
 SIRES: 1024



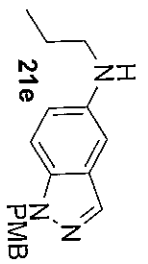
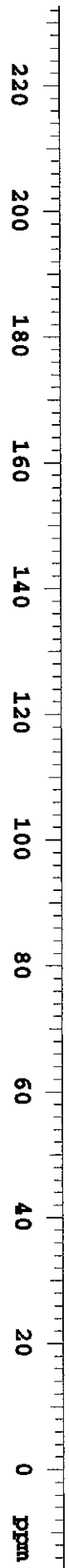


NMR DATA
 Sample: MARCHMAS-300 REV_21762
 301.148 Hz
 exp1 acd1h
 NAME: 21e
 DATE: Feb 24 1999 09:09
 SOLVENT: CDCl3 dm
 PPM: 0
 INTEGRATION: 0
 AT: 4.000 GATE 200
 NP: 39980 TEMP: 25.0
 SFO: 497.13 PROCESSOR: 0.25
 F2: 2000 1D pulse
 F3: 4 pproc
 CPUR: 11.5
 PM: 88 EN: 6355
 DI: 1.000 VARI: 1.000
 T1: 300.0 VARI: 300.0
 RT: 18 VHS: 18
 CT: 18 VHS: 18
 alock: not used
 gain: 16
 FID: 16
 F2: 16
 F3: 16
 DISOLV: y
 SP: -300.1
 VP: 8 3600.8
 VS: 147
 WA: 0
 WID: 230
 SMAX: 14.40
 SFL: 152.11
 FID: 7061.2
 SFO: 4
 SFS: 4
 SFS: 4
 nm: 1.000
 ph:



NMR Data
Sample Name: 159-315-300 45W 27762
301.148 d13
Carbon

exp: 20130
date: Feb 24 2009 09:59
solvent: CDCl3
file: ACQUISITION
freq: 75.460
nu: 2.000
nu2: 80000
nu3: 30000.0
nu4: 11000
nu5: 10000.0
nu6: 1024
nu7: 1024
nu8: 1024
nu9: 1024
nu10: 1024
nu11: 1024
nu12: 1024
nu13: 1024
nu14: 1024
nu15: 1024
nu16: 1024
nu17: 1024
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nu95: 1024
nu96: 1024
nu97: 1024
nu98: 1024
nu99: 1024
nu100: 1024



- 159.315
- 143.367
- 134.825
- 132.014
- 129.595
- 128.758
- 125.757
- 118.448
- 114.282
- 110.383
- 99.422
- 77.816
- 77.391
- 76.967
- 55.465
- 52.816
- 46.955
- 22.898
- 11.998

HL08 P212
Imperial Instruments-300 AWL_27763
301.150 HL

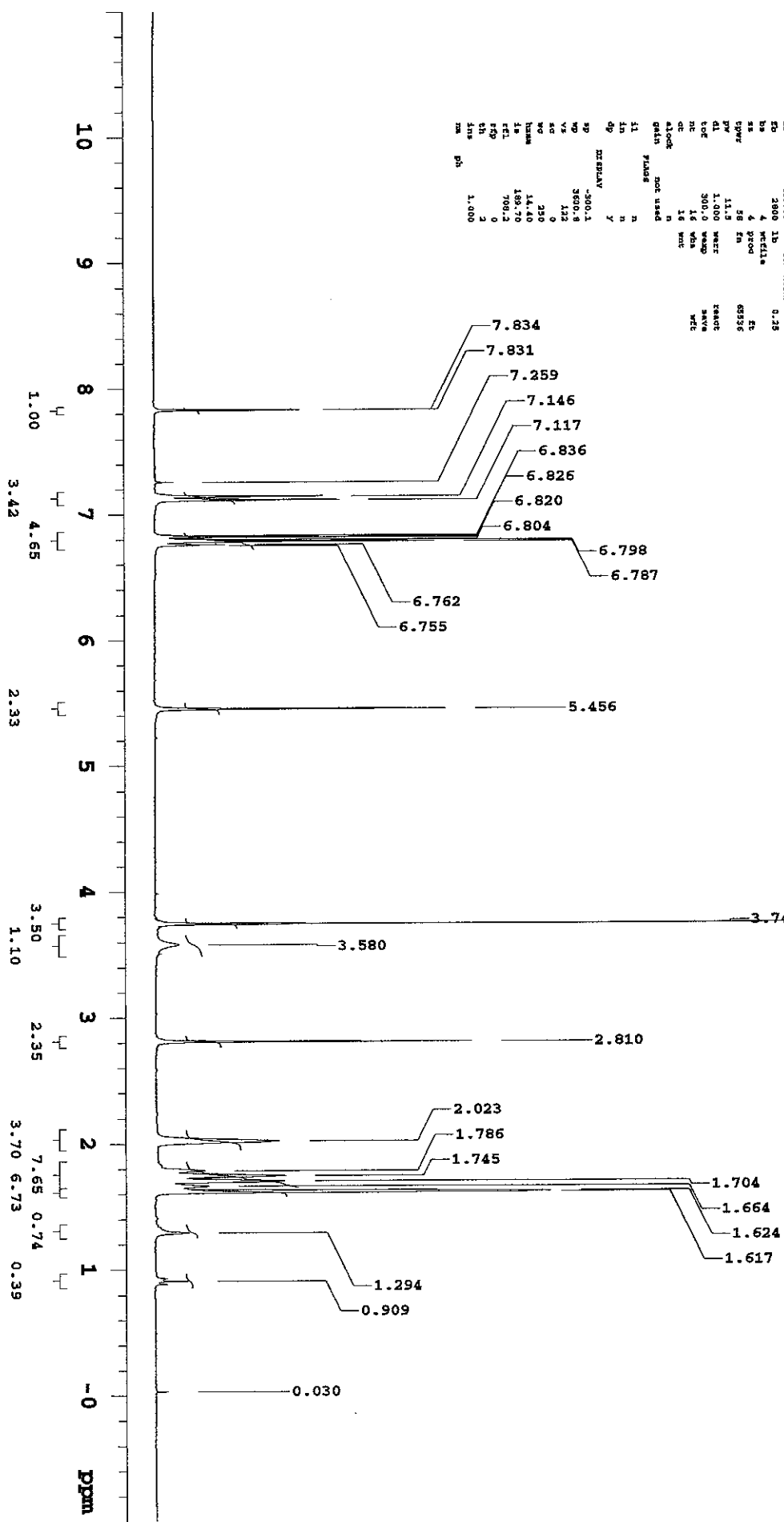
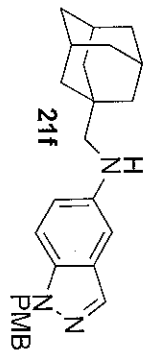
exp: rec:lin

DATE	RAW	23	2008	DETC	MSC:	8	PPM
SOLVENT	CDCL3	DN				150.063	HL
FILE	ACQ					10	HL
ACQUISITION	IMP	DEPT				0	
PROC	300.063	DM				0	
EN	HL	DATA				0	
AT	4.000	DATE				200	
AP	33980	TEMP				25.0	
AV	4397.5	PROC				0.25	
EO	2800	LB					
ES		4					
FS		5					
GS		6					
HP		16					
IP	11.5	IN					
LO	1.000	WEAR					
LOF	300.0	WASP					
MC		16					
NC		16					
OC		16					
WT							

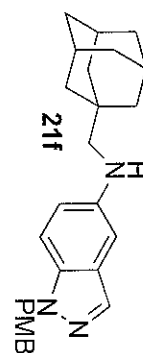
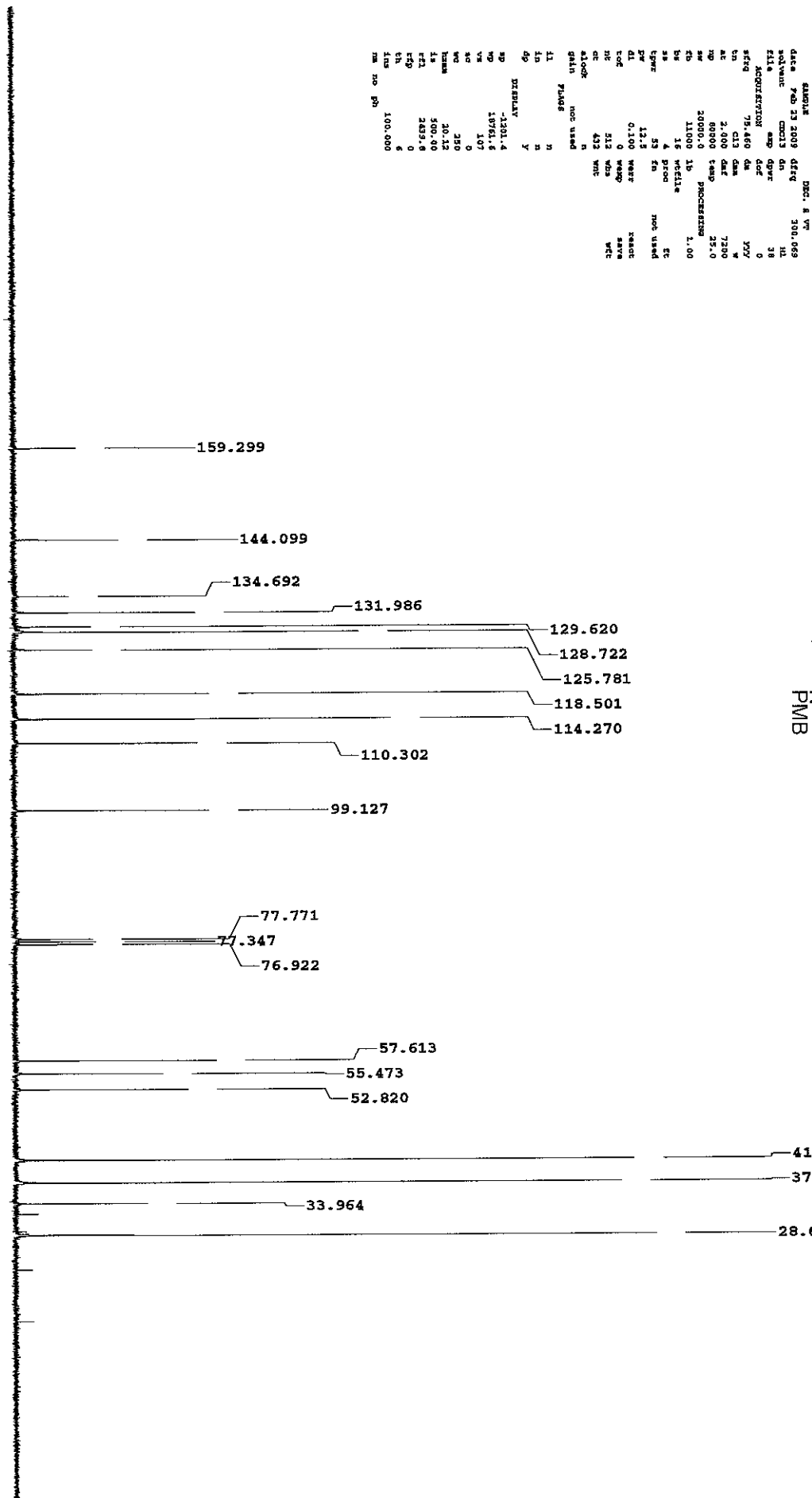
align not used
gain not used
pulses not used

S1	n	
S2	n	
S3	n	
S4	n	
S5	n	
S6	n	
S7	n	
S8	n	
S9	n	
S10	n	
S11	n	
S12	n	
S13	n	
S14	n	
S15	n	
S16	n	
S17	n	
S18	n	
S19	n	
S20	n	
S21	n	
S22	n	
S23	n	
S24	n	
S25	n	
S26	n	
S27	n	
S28	n	
S29	n	
S30	n	
S31	n	
S32	n	
S33	n	
S34	n	
S35	n	
S36	n	
S37	n	
S38	n	
S39	n	
S40	n	
S41	n	
S42	n	
S43	n	
S44	n	
S45	n	
S46	n	
S47	n	
S48	n	
S49	n	
S50	n	
S51	n	
S52	n	
S53	n	
S54	n	
S55	n	
S56	n	
S57	n	
S58	n	
S59	n	
S60	n	
S61	n	
S62	n	
S63	n	
S64	n	
S65	n	
S66	n	
S67	n	
S68	n	
S69	n	
S70	n	
S71	n	
S72	n	
S73	n	
S74	n	
S75	n	
S76	n	
S77	n	
S78	n	
S79	n	
S80	n	
S81	n	
S82	n	
S83	n	
S84	n	
S85	n	
S86	n	
S87	n	
S88	n	
S89	n	
S90	n	
S91	n	
S92	n	
S93	n	
S94	n	
S95	n	
S96	n	
S97	n	
S98	n	
S99	n	
S100	n	

ph 1.000



220 200 180 160 140 120 100 80 60 40 20 0 ppm



High Peak
180.000
159.299
144.099
134.692
131.986
129.620
128.722
125.781
118.501
114.270
110.302
99.127
77.771
77.347
76.922
57.613
55.473
52.820
41.103
37.378
33.964
28.657