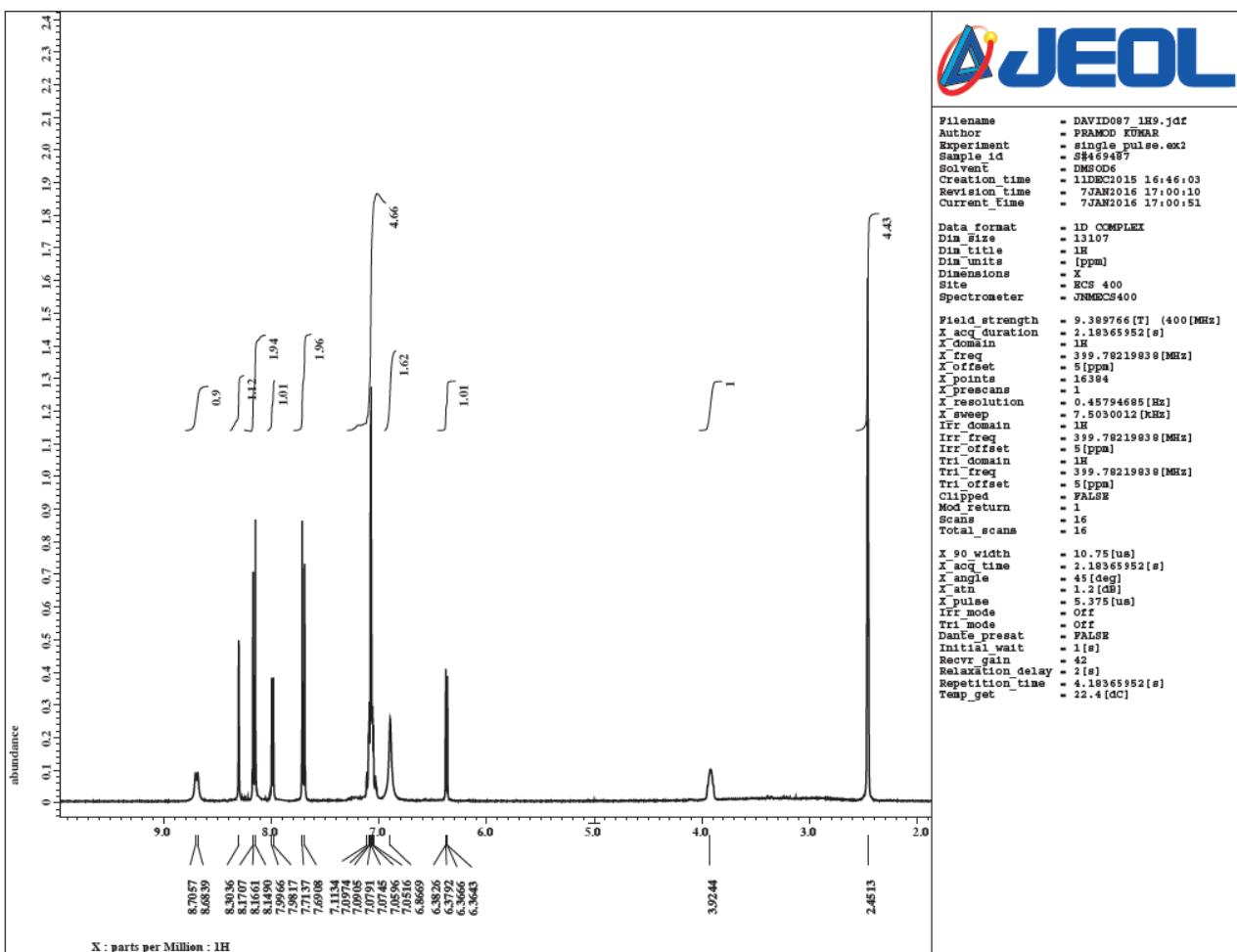
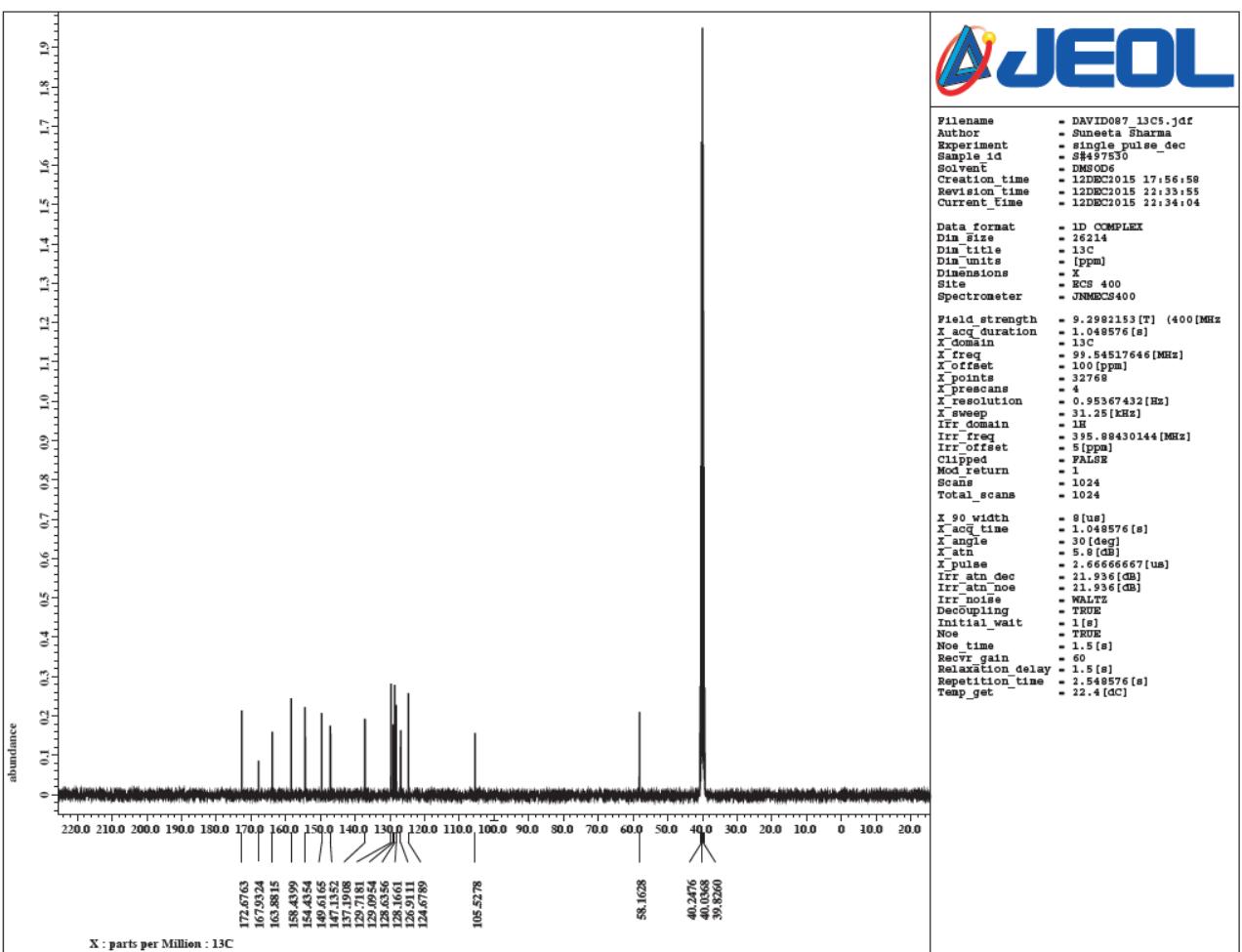


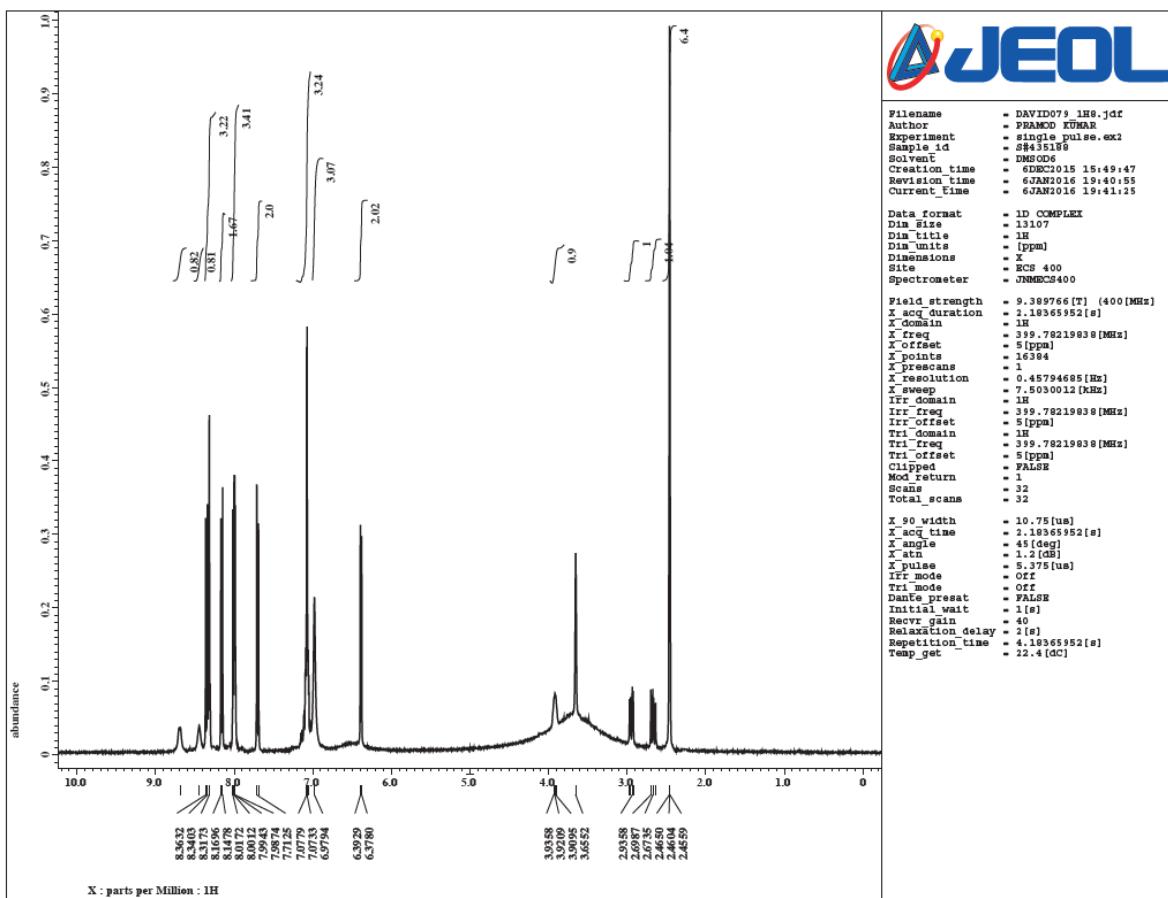
1 Supporting document



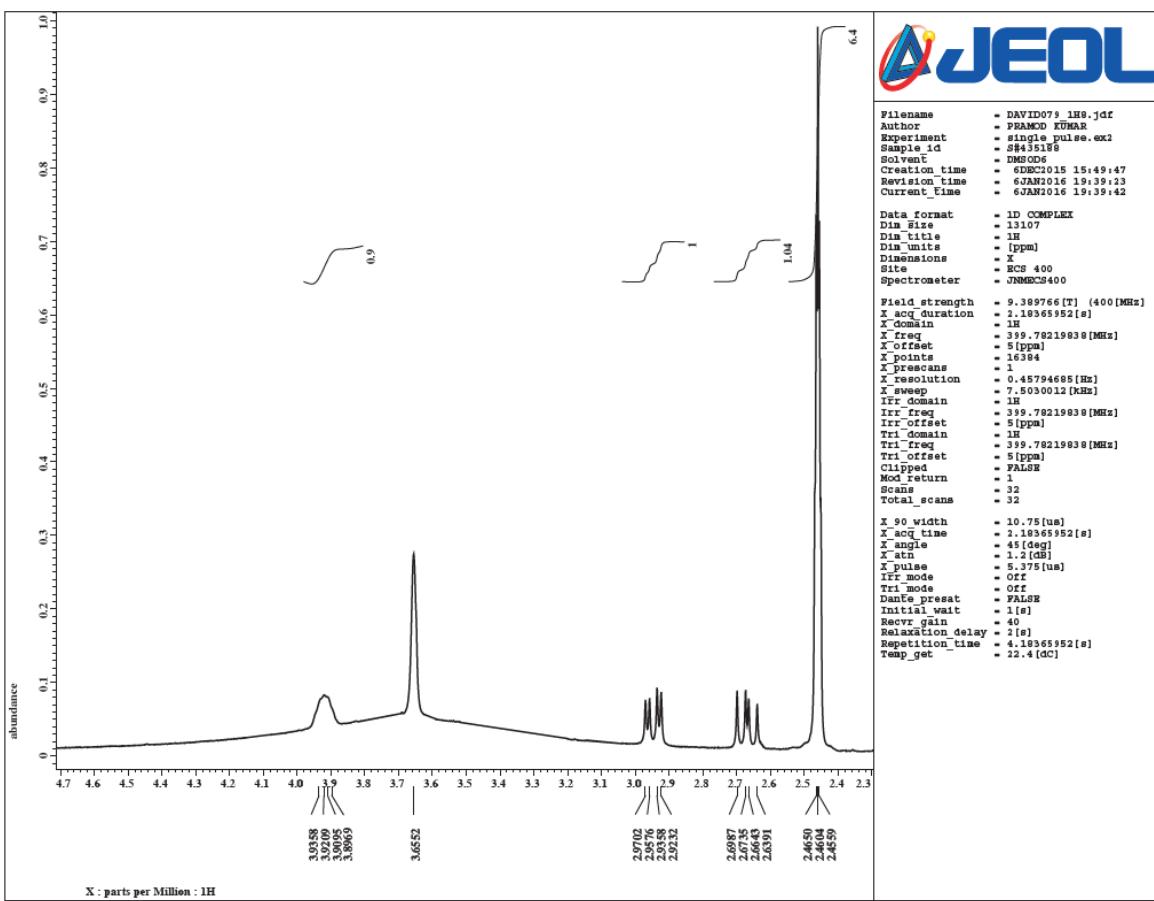
2
3 Fig. S-1 ^1H NMR spectrum of compound 27a



4
5 Fig. S-2 ¹³C NMR spectrum of compound 27a

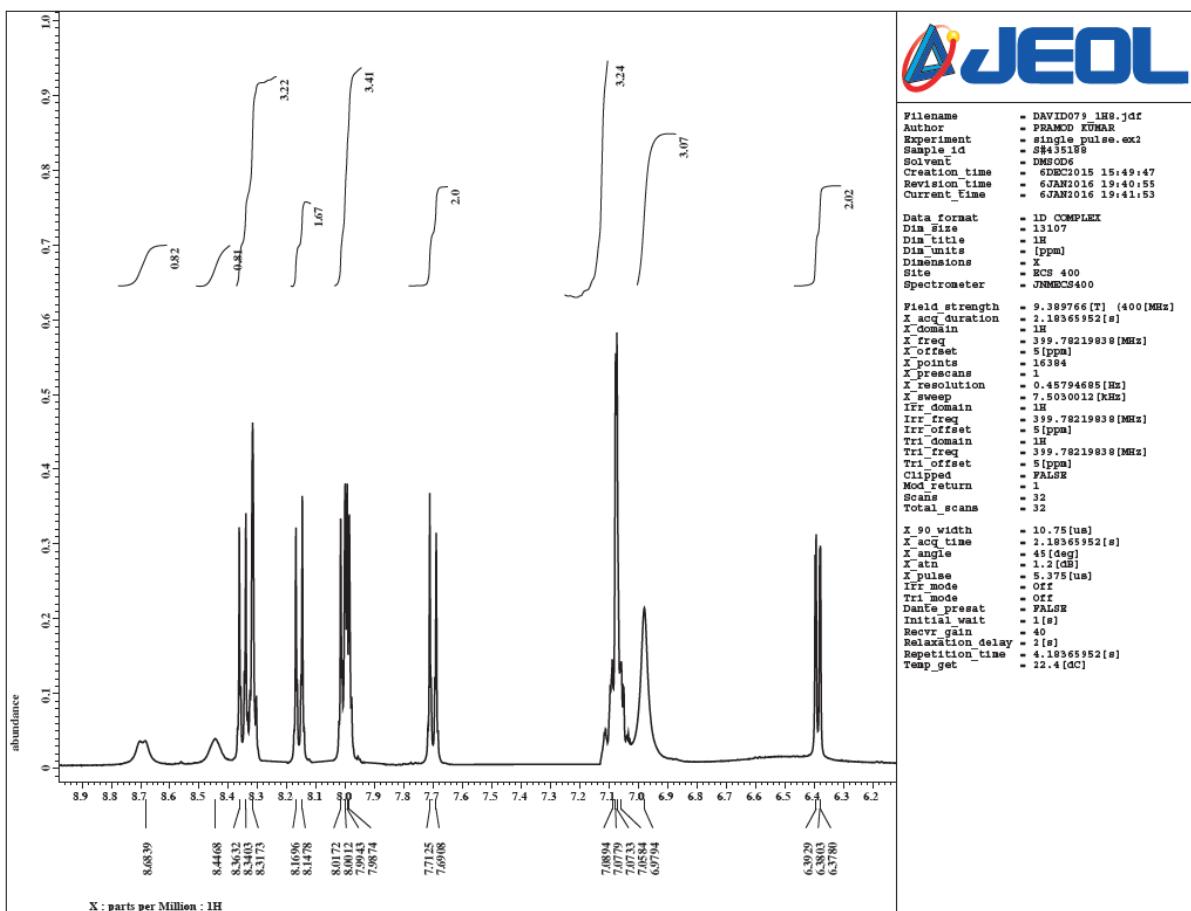


6
7 Fig. S-3 ¹H NMR spectrum of compound 27b



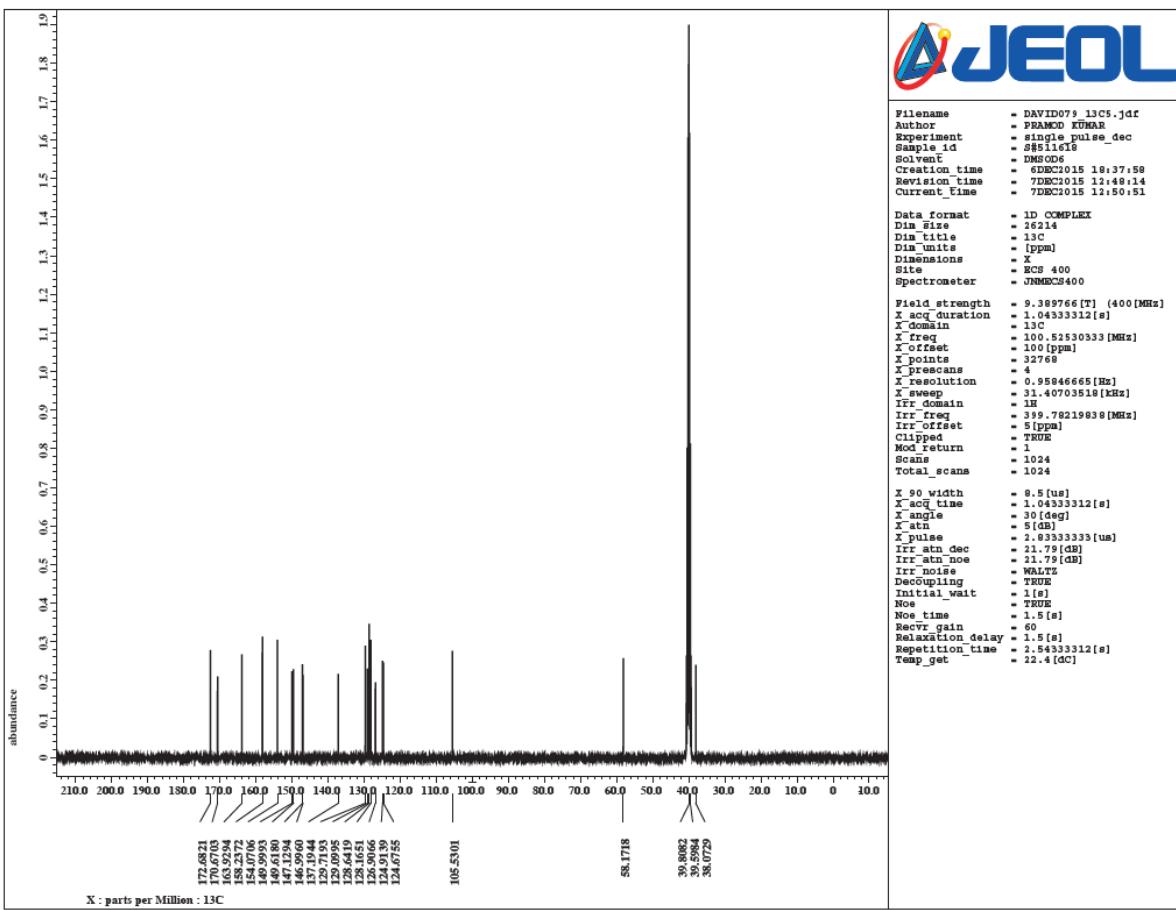
8
9

Fig. S-4 ¹H NMR spectrum of compound 27b (expansion)

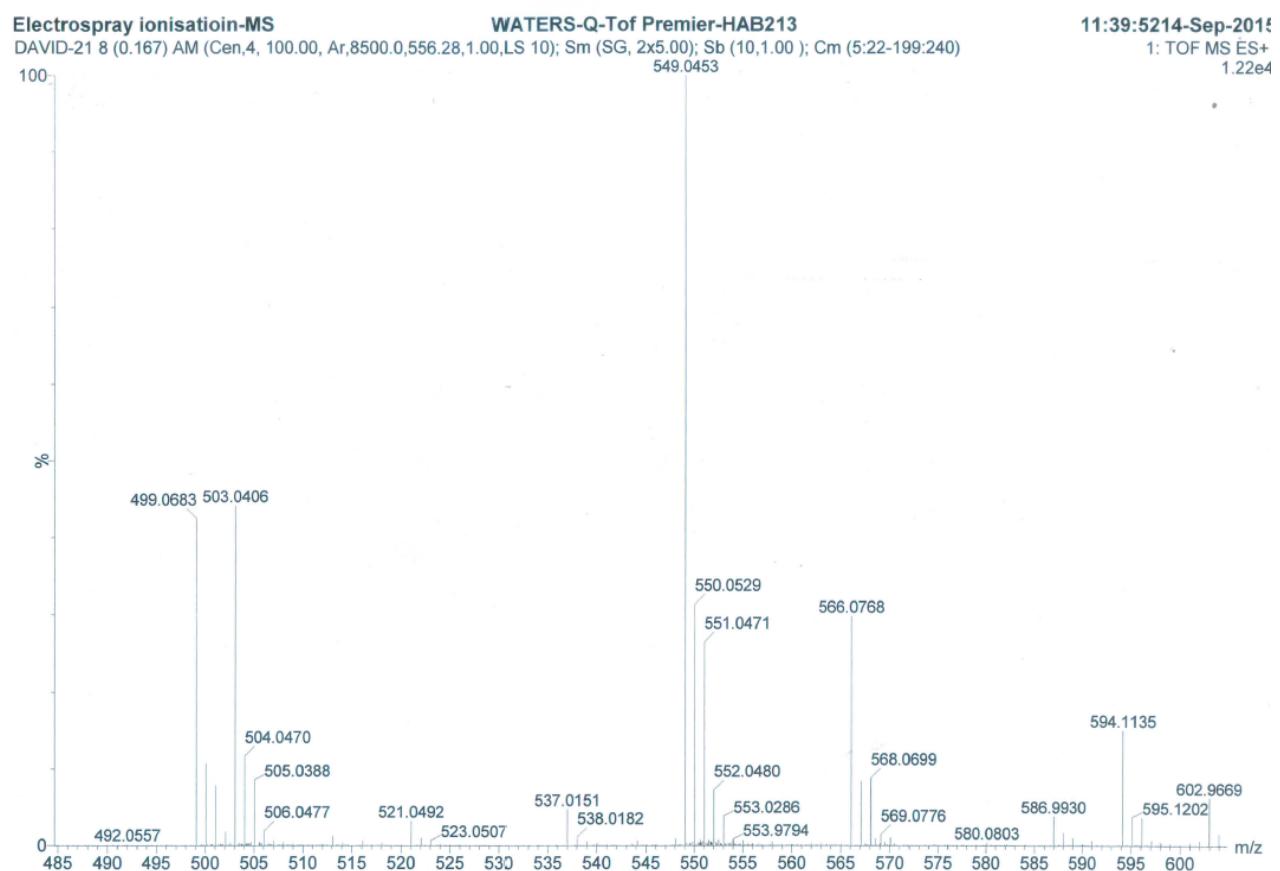


10
11

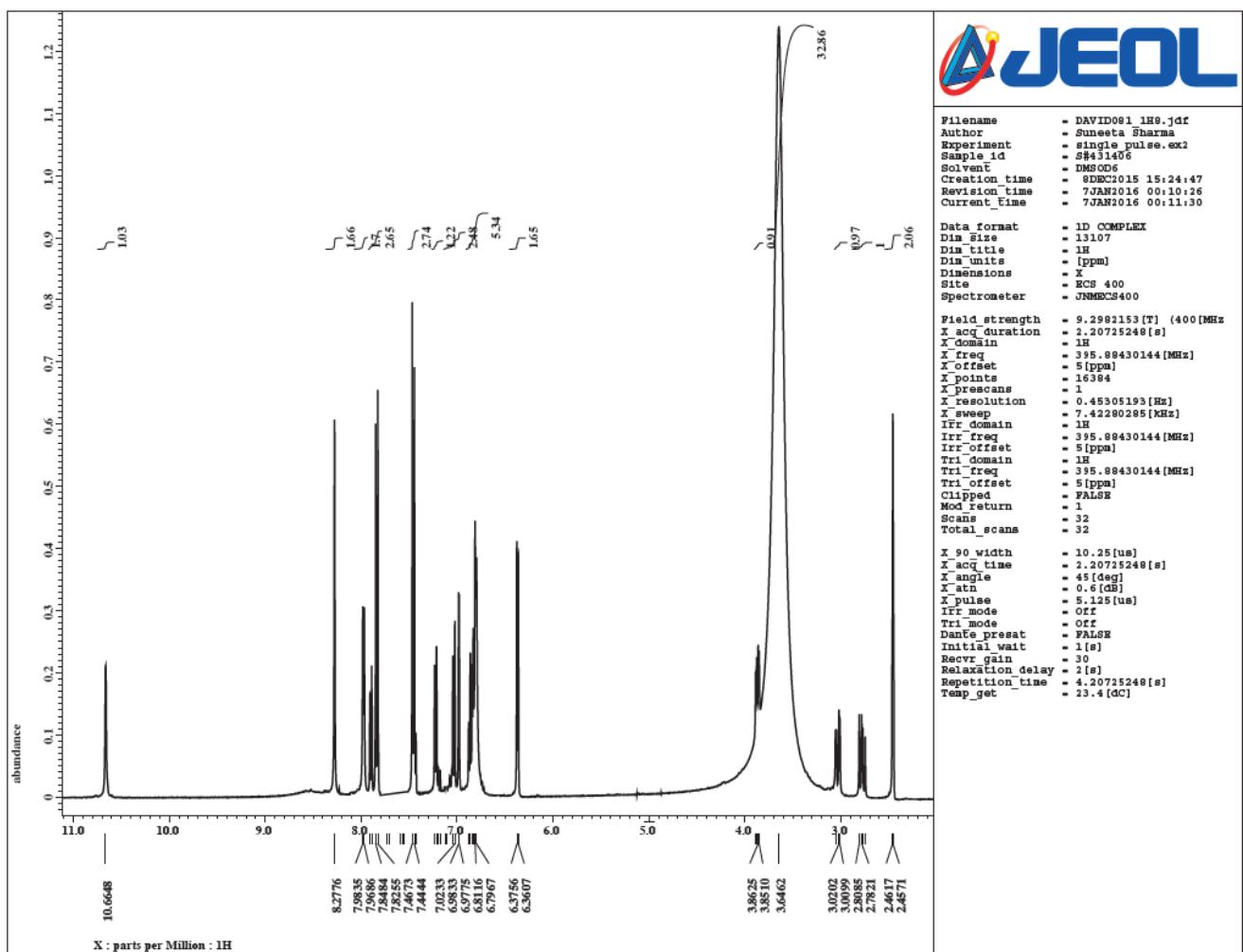
Fig. S-5 ^1H NMR spectrum of compound **27b** (expansion)



12
13 Fig. S-6 ^{13}C NMR spectrum of compound 27b

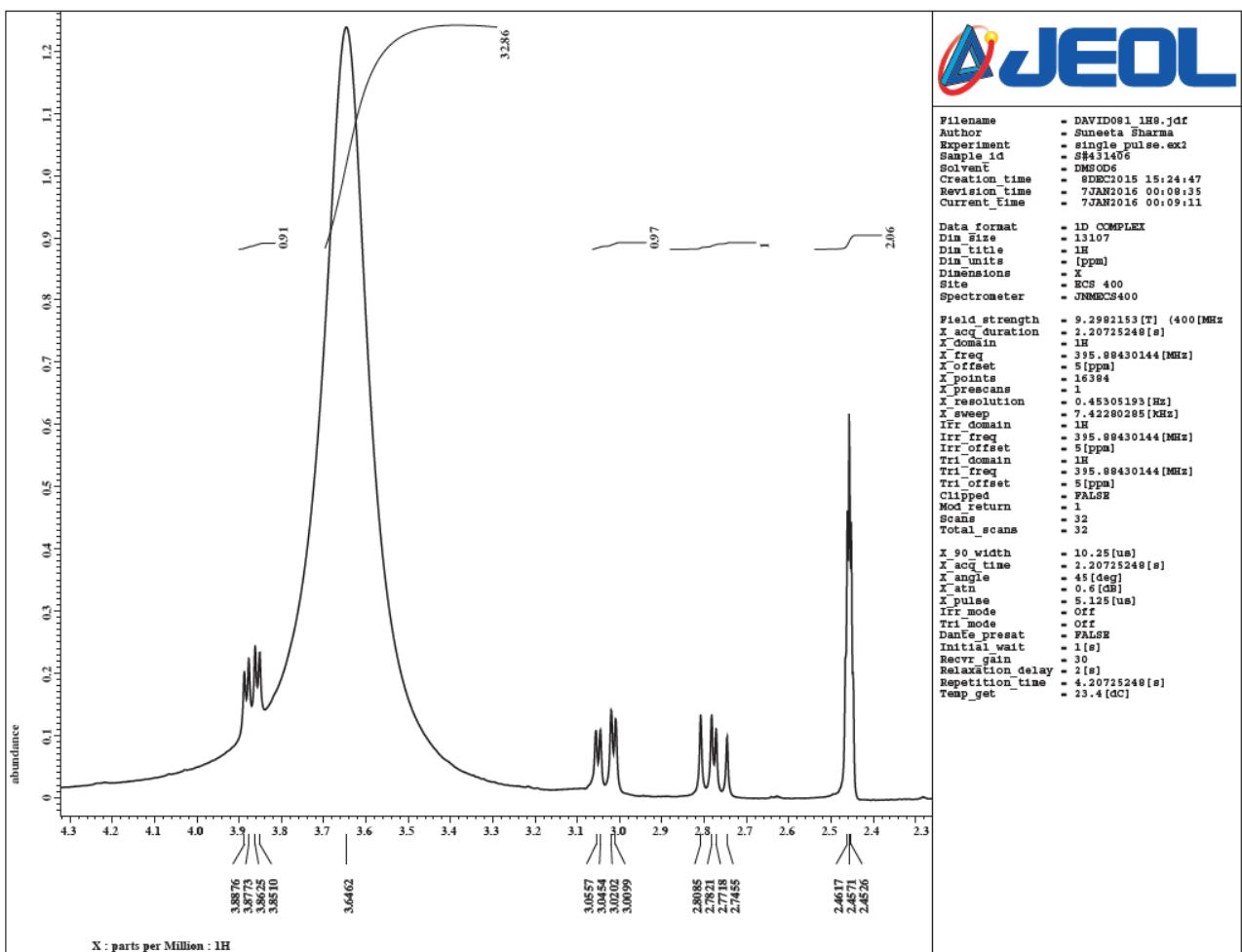


14
15 Fig. S-7 mass spectrum of compound 27b



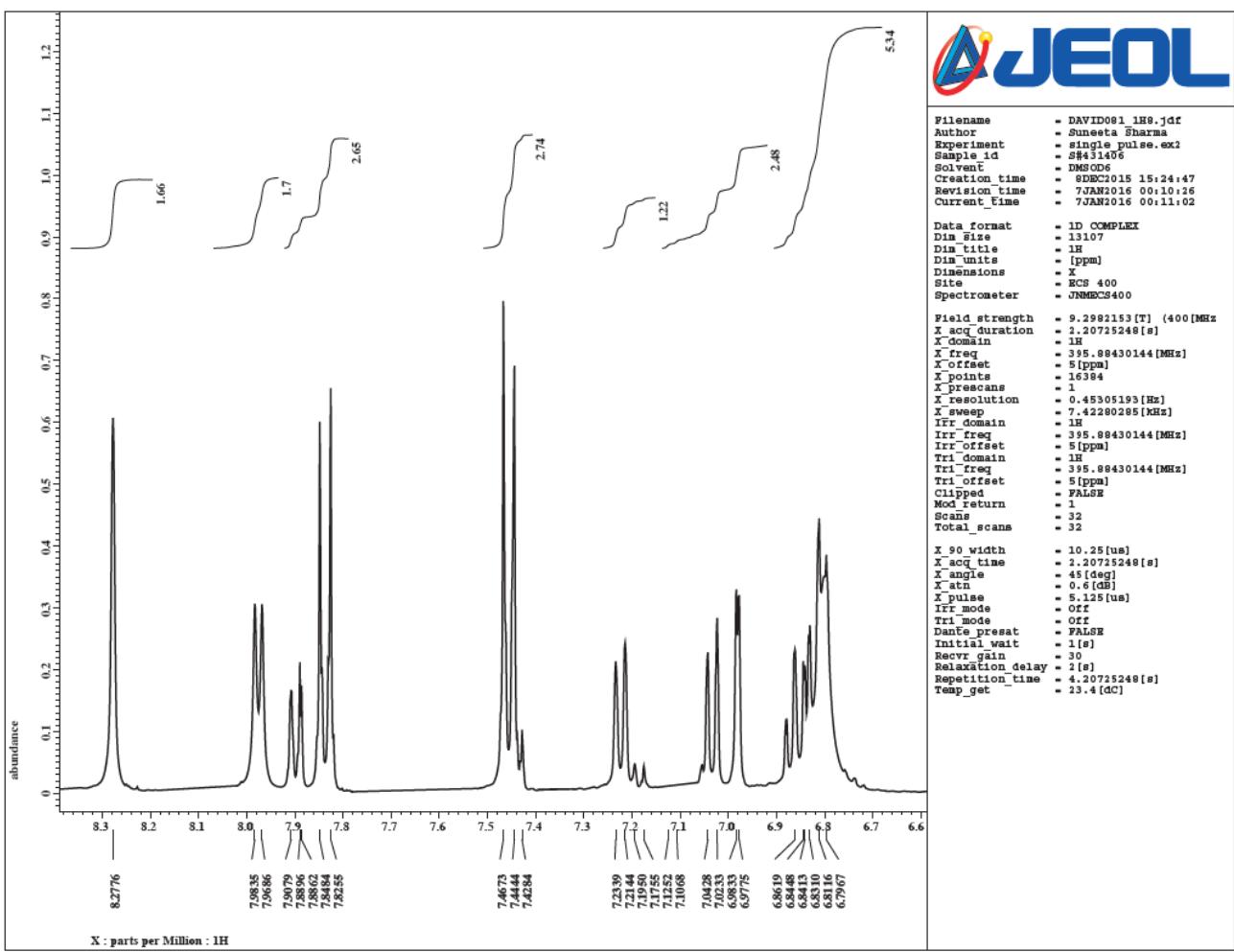
16
17

Fig. S-8 ^1H NMR spectrum of compound 27c

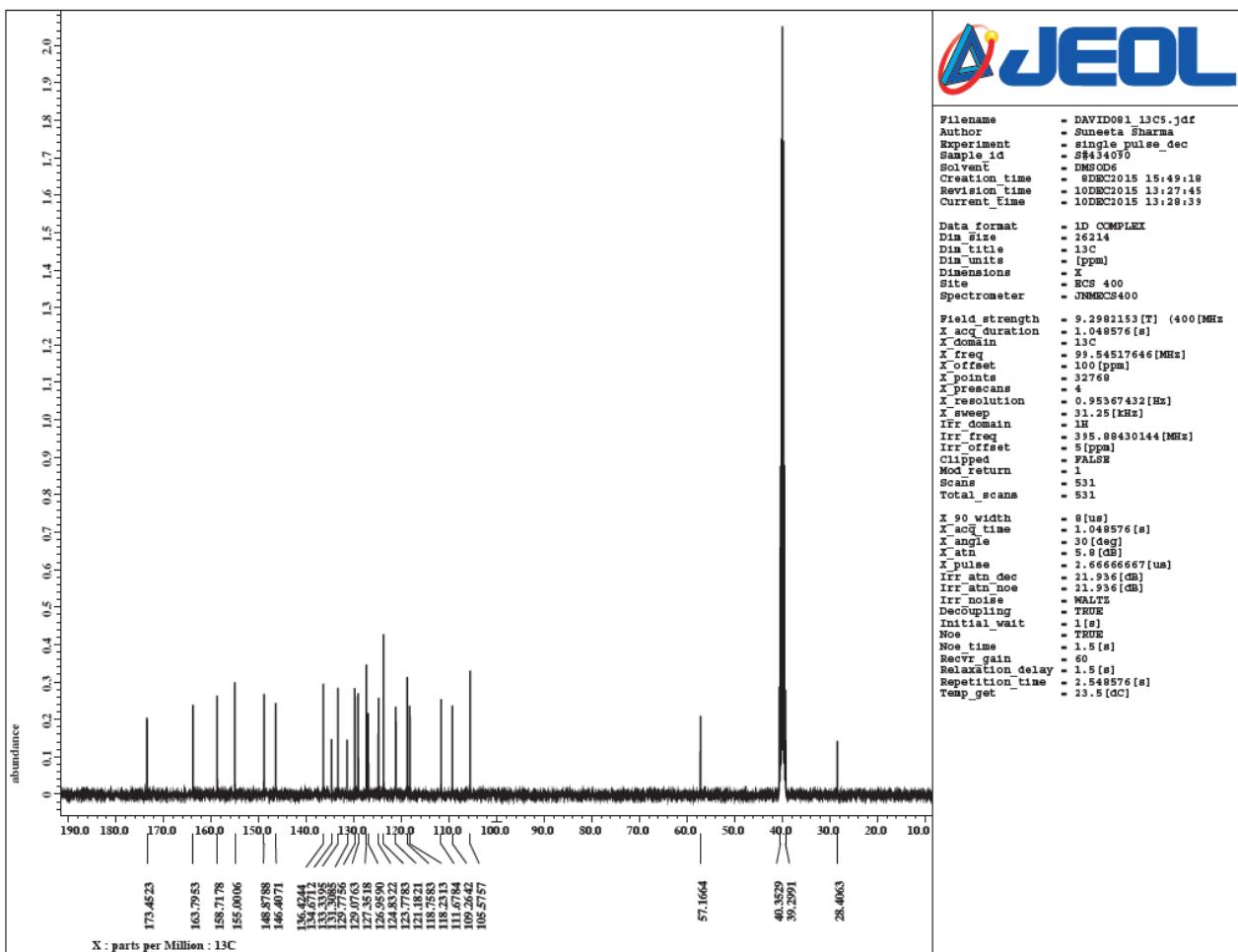


18
19
20

Fig. S-9 ^1H NMR spectrum of compound **27c** (expansion)



21
22 Fig. S-10 ^1H NMR spectrum of compound 27c (expansion)



23
24 Fig. S-11 ^{13}C NMR spectrum of compound 27c

Electrospray ionisation -MS

WATERS Q-TOF Premier-HAB213

02-Dec-2015

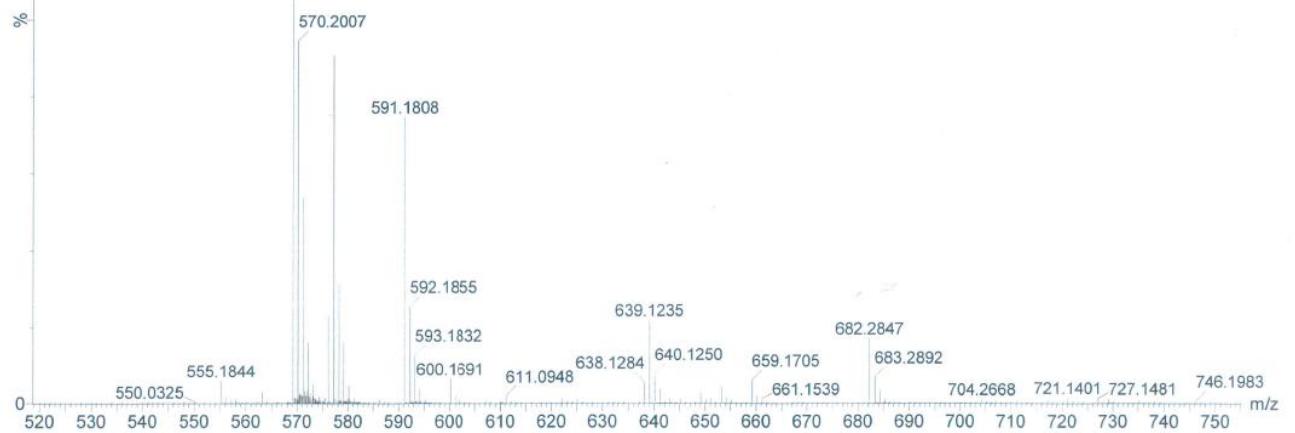
10:48:08

1: TOF MS ES-

* 1.11e5

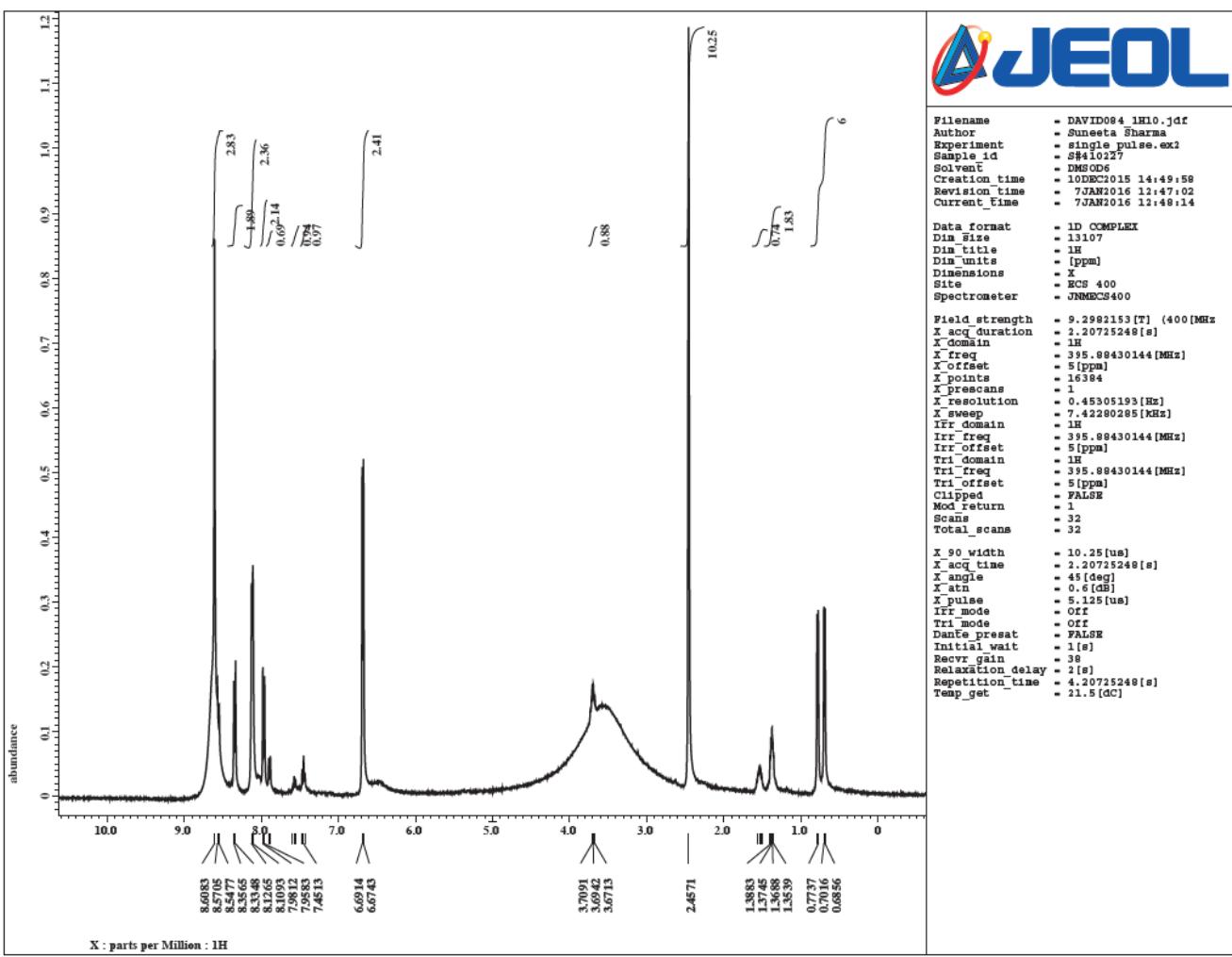
NKM-165- 13 (0.298) AM (Cen,4, 100.00, Ar,8500.0,554.26,1.00,LS 10); Sm (SG, 1x5.00); Sb (10,10.00); Cm (13:34-169:220)
569.1855

100



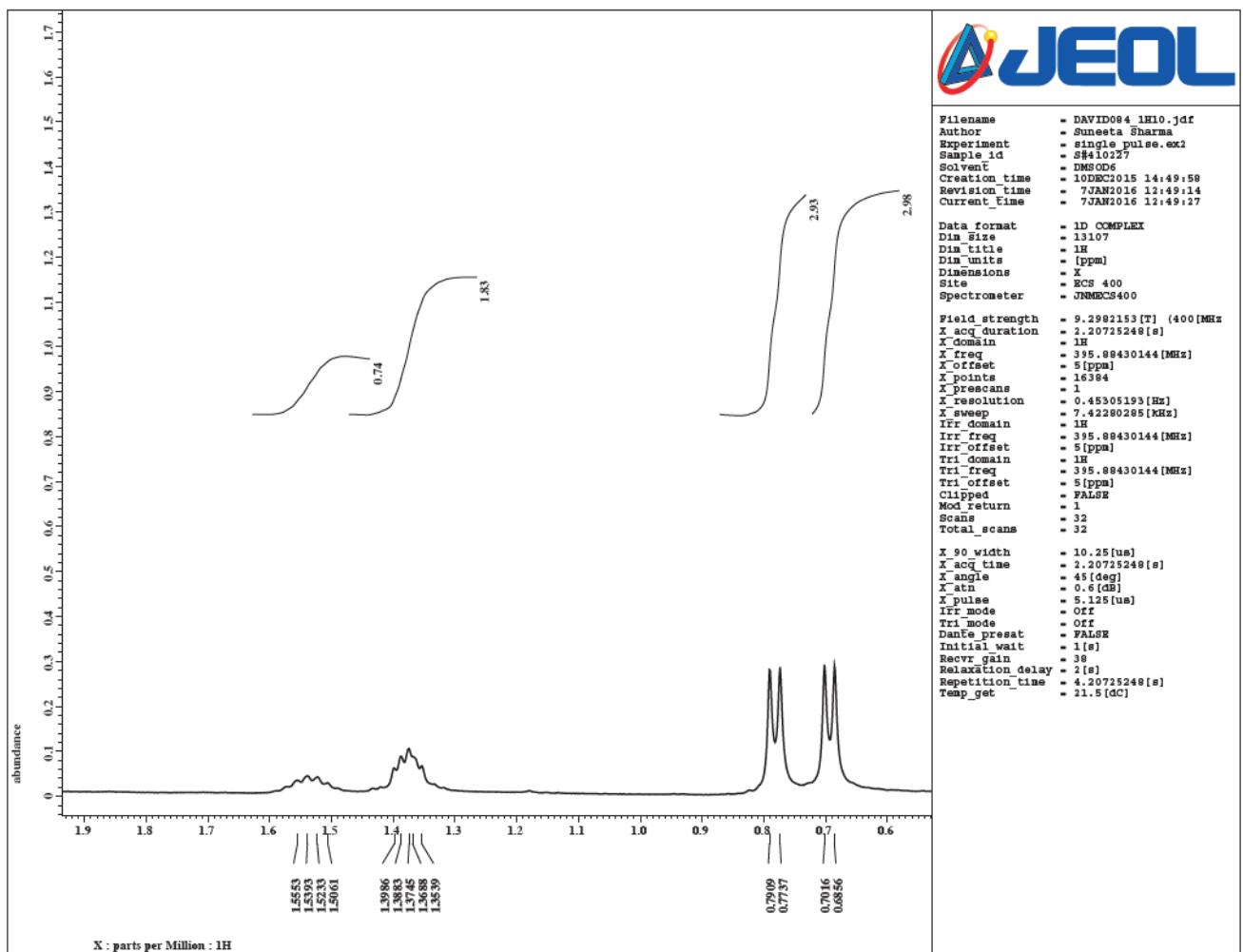
25
26

Fig. S-12 mass spectrum of compound 27c



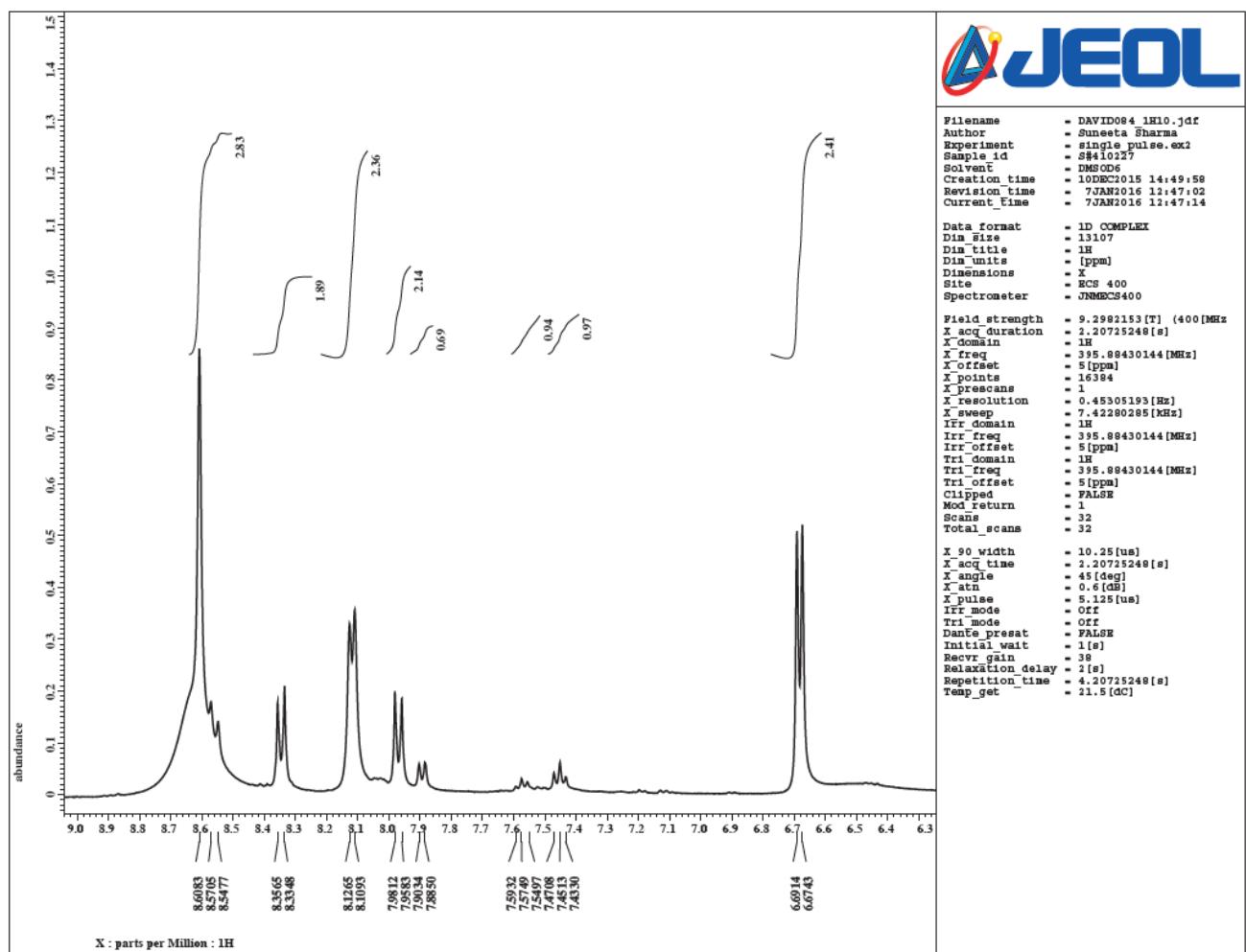
27
28

Fig. S-13 ^1H NMR spectrum of compound 27d



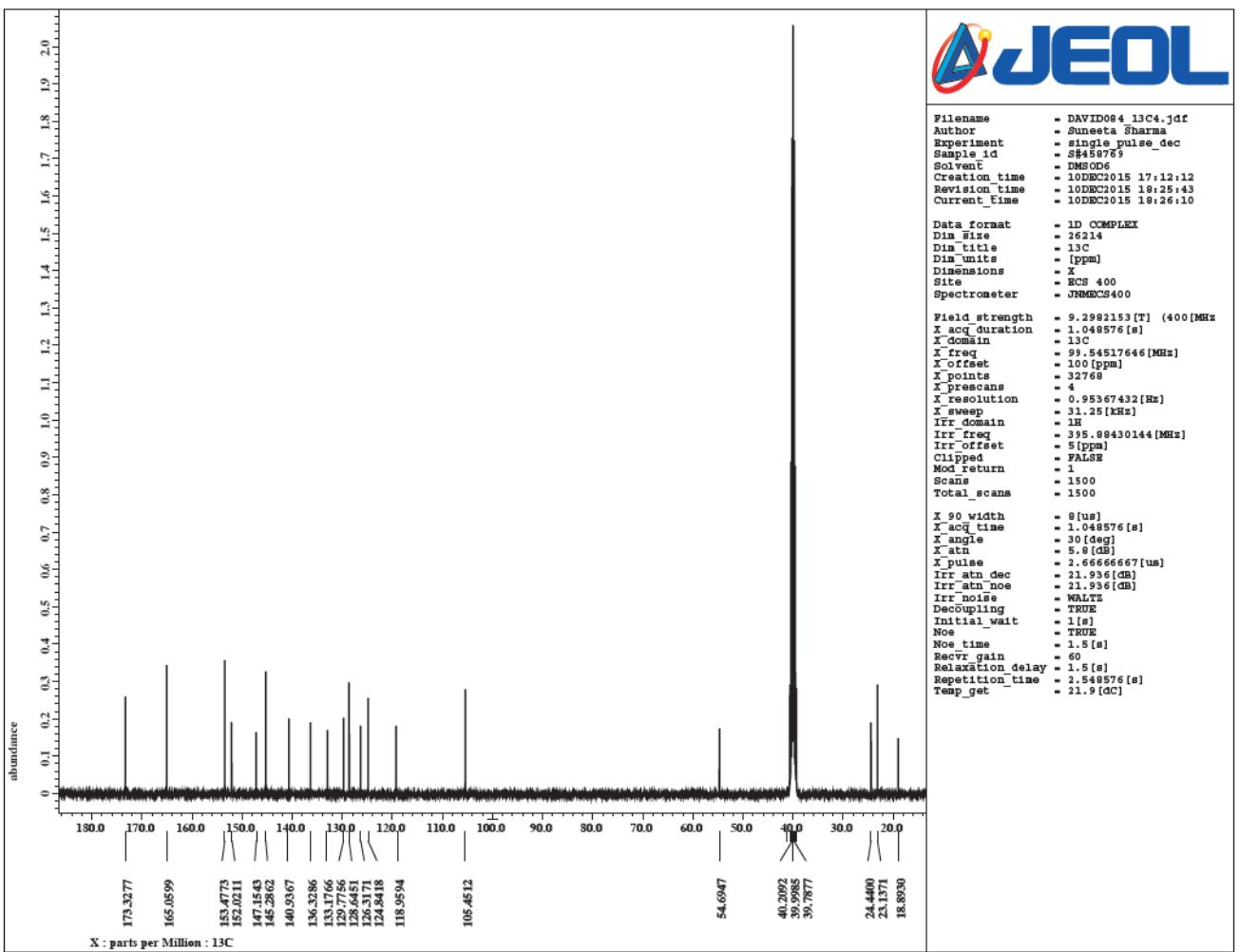
29
30

Fig. S-14 ¹H NMR spectrum of compound 27d (expansion)

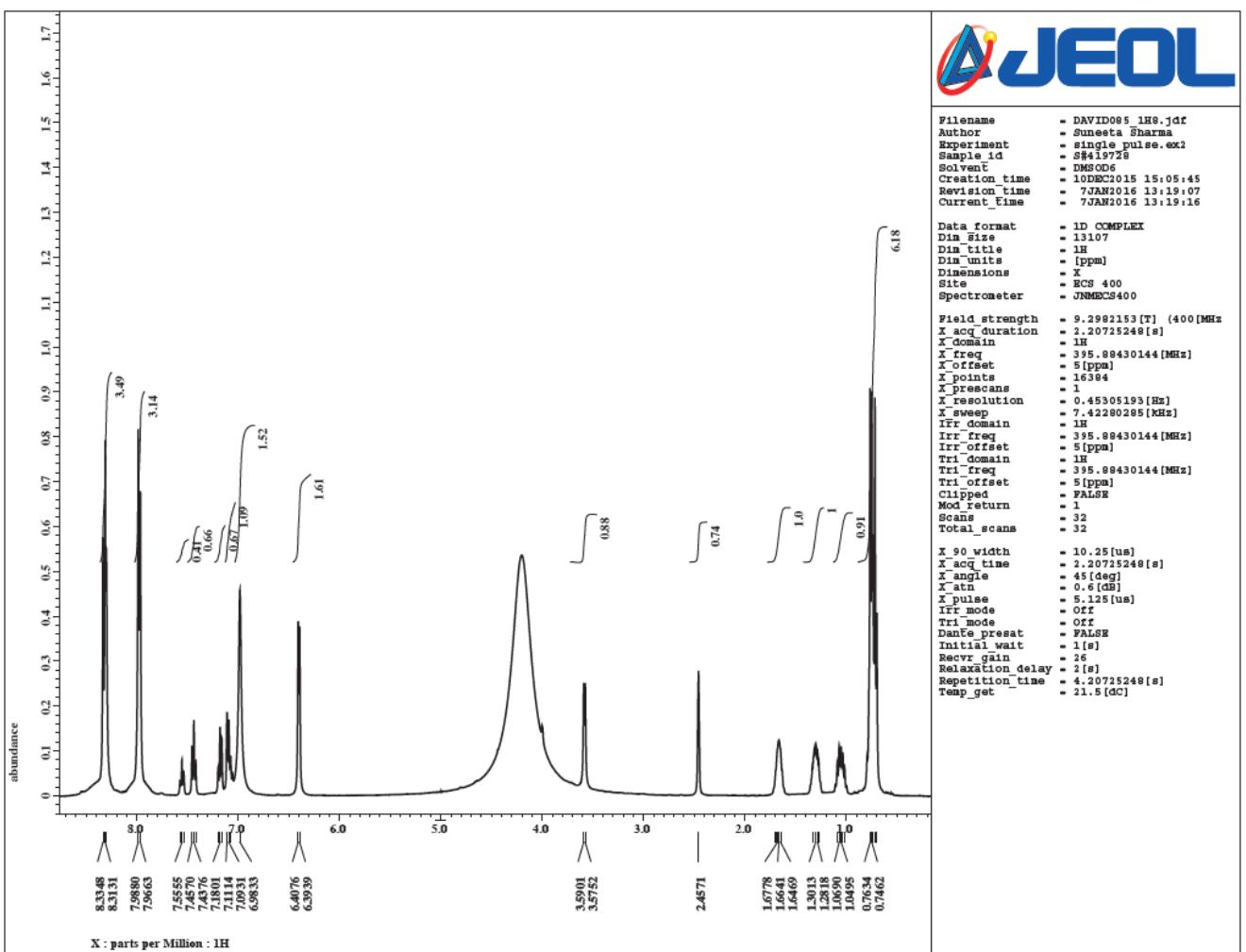


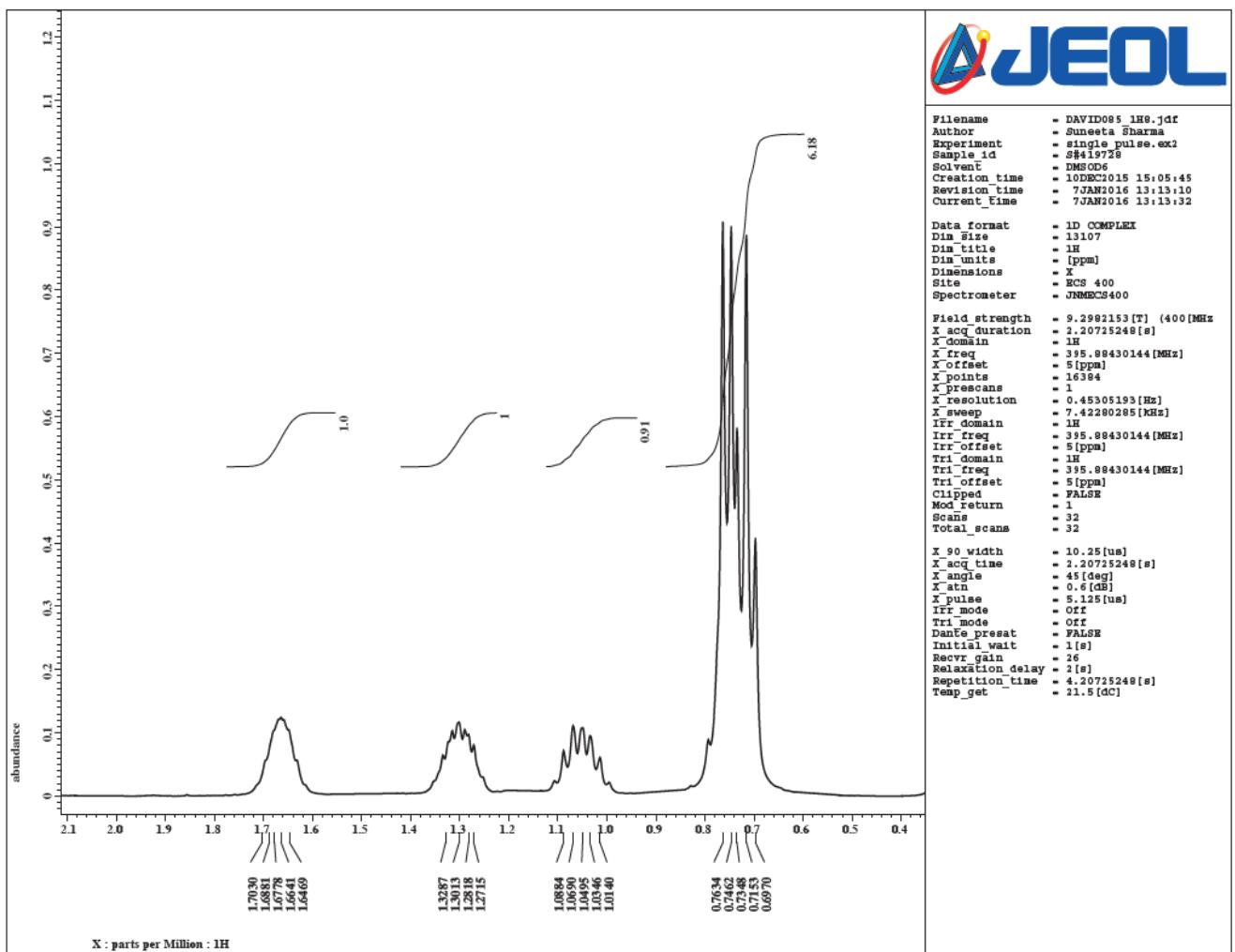
31
32

Fig. S-15 ¹H NMR spectrum of compound 27d (expansion)



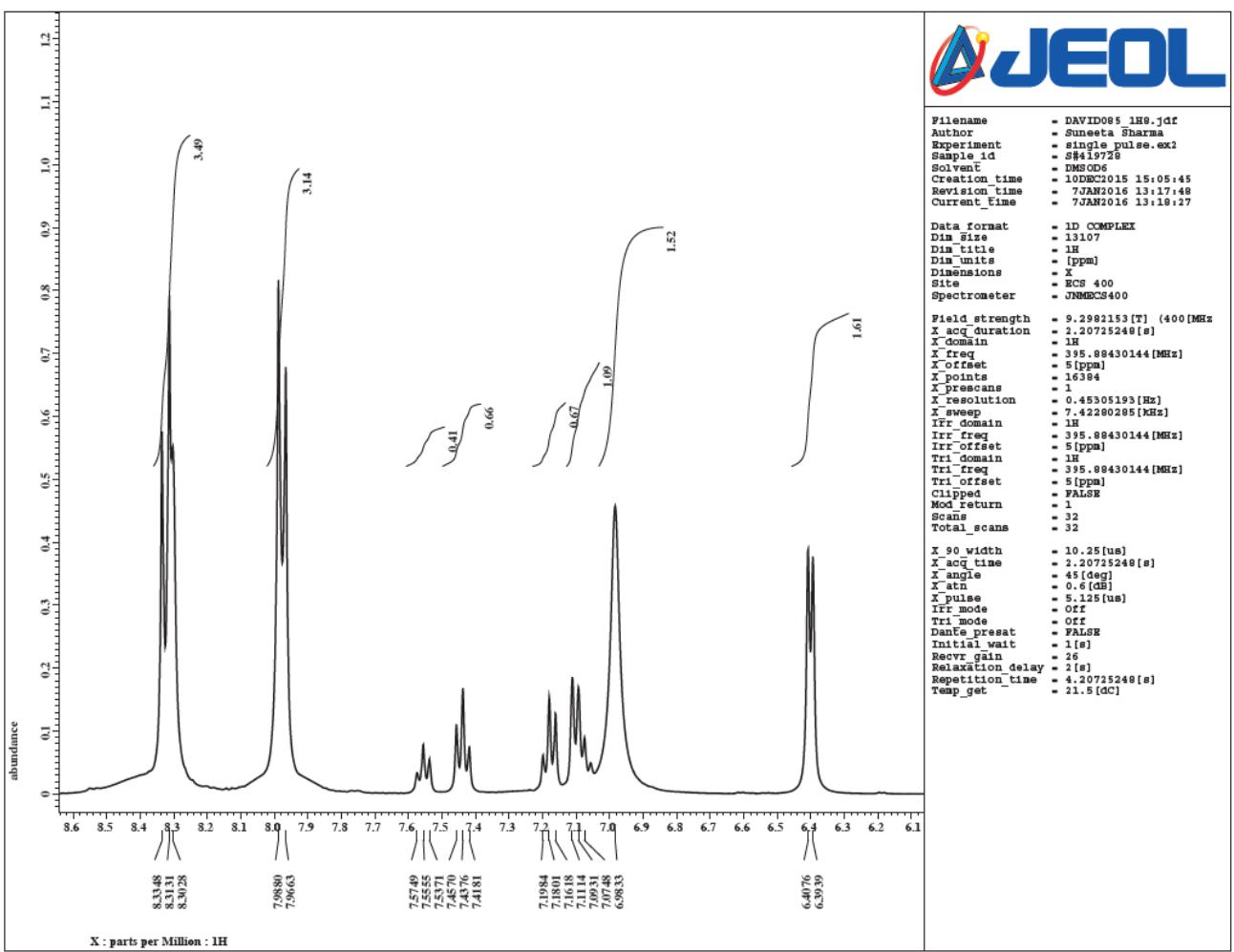
33
34 Fig. S-16 ¹³C NMR spectrum of compound 27d





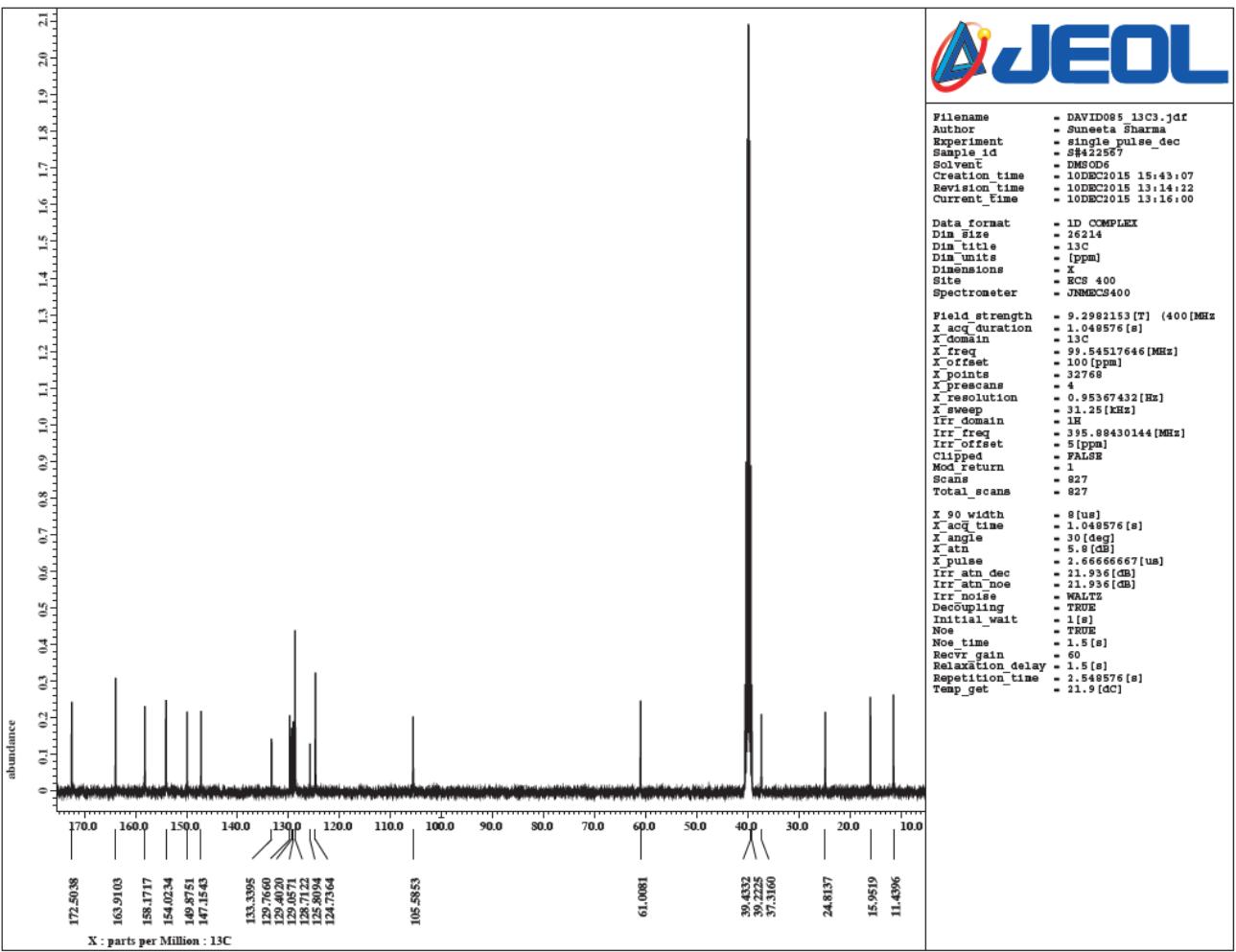
37
38

Fig. S-18 ^1H NMR spectrum of compound 27e (expansion)



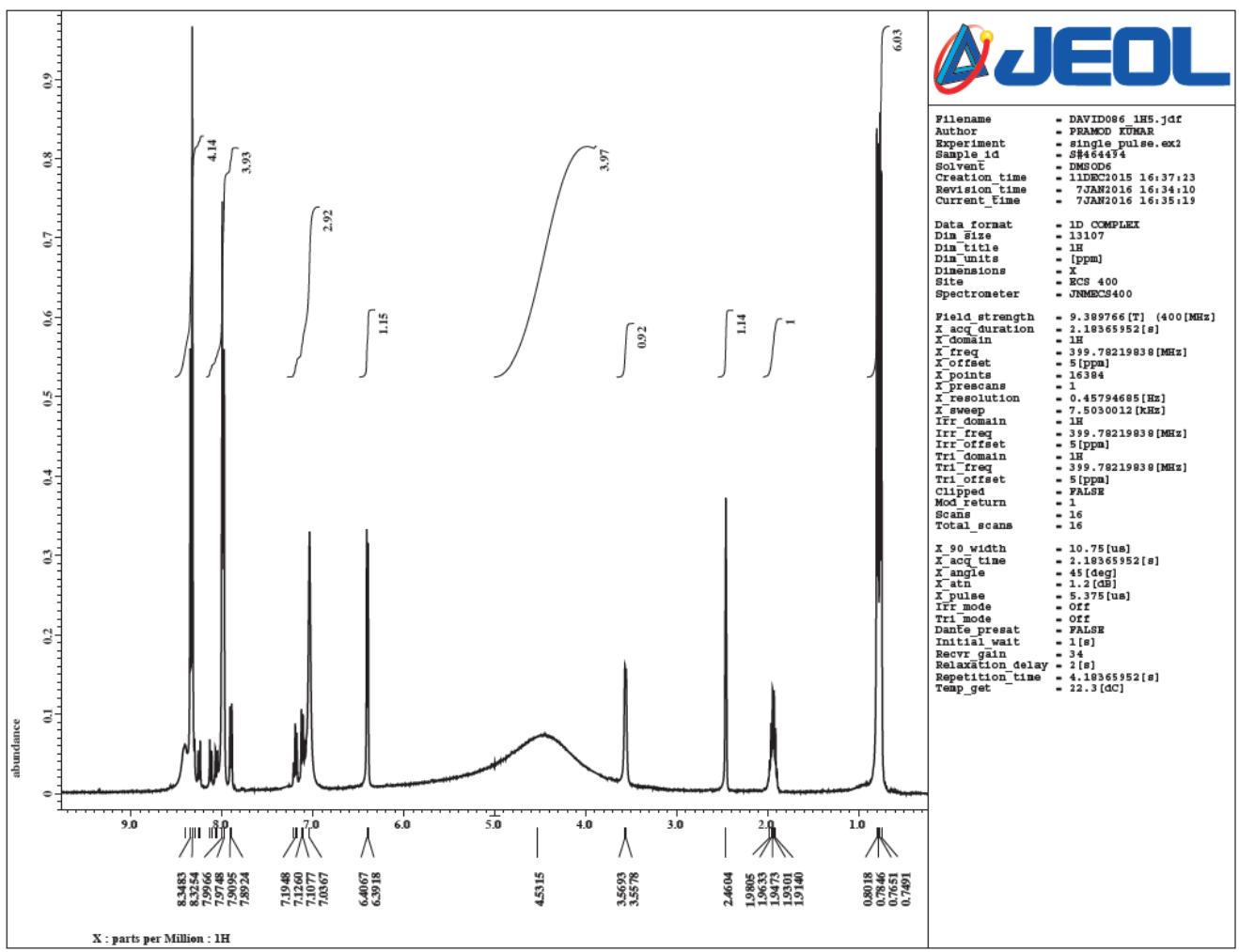
39
40

Fig. S-19 ^1H NMR spectrum of compound 27e (expansion)



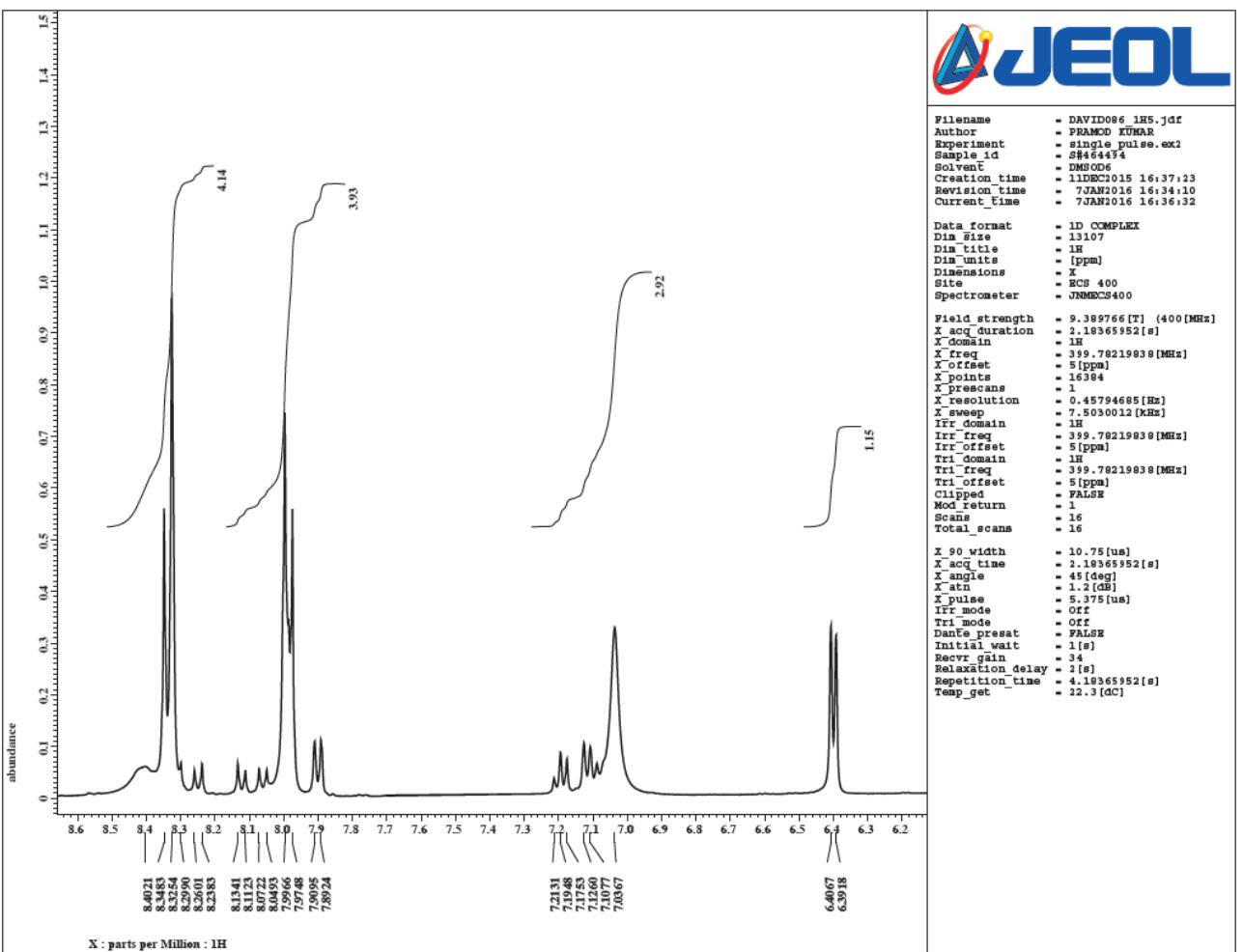
41
42

Fig. S-20 ^1H NMR spectrum of compound 27e

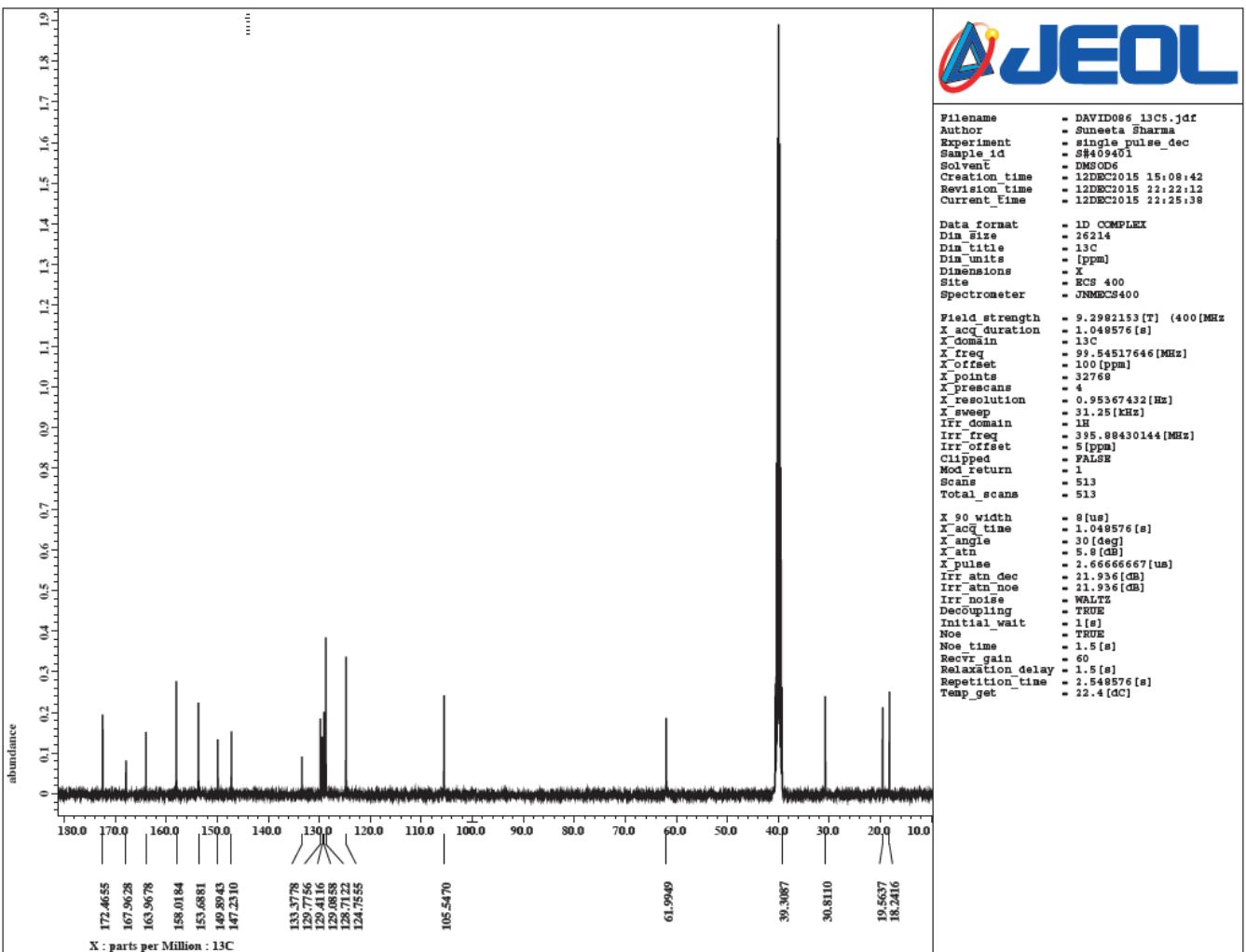


43
44

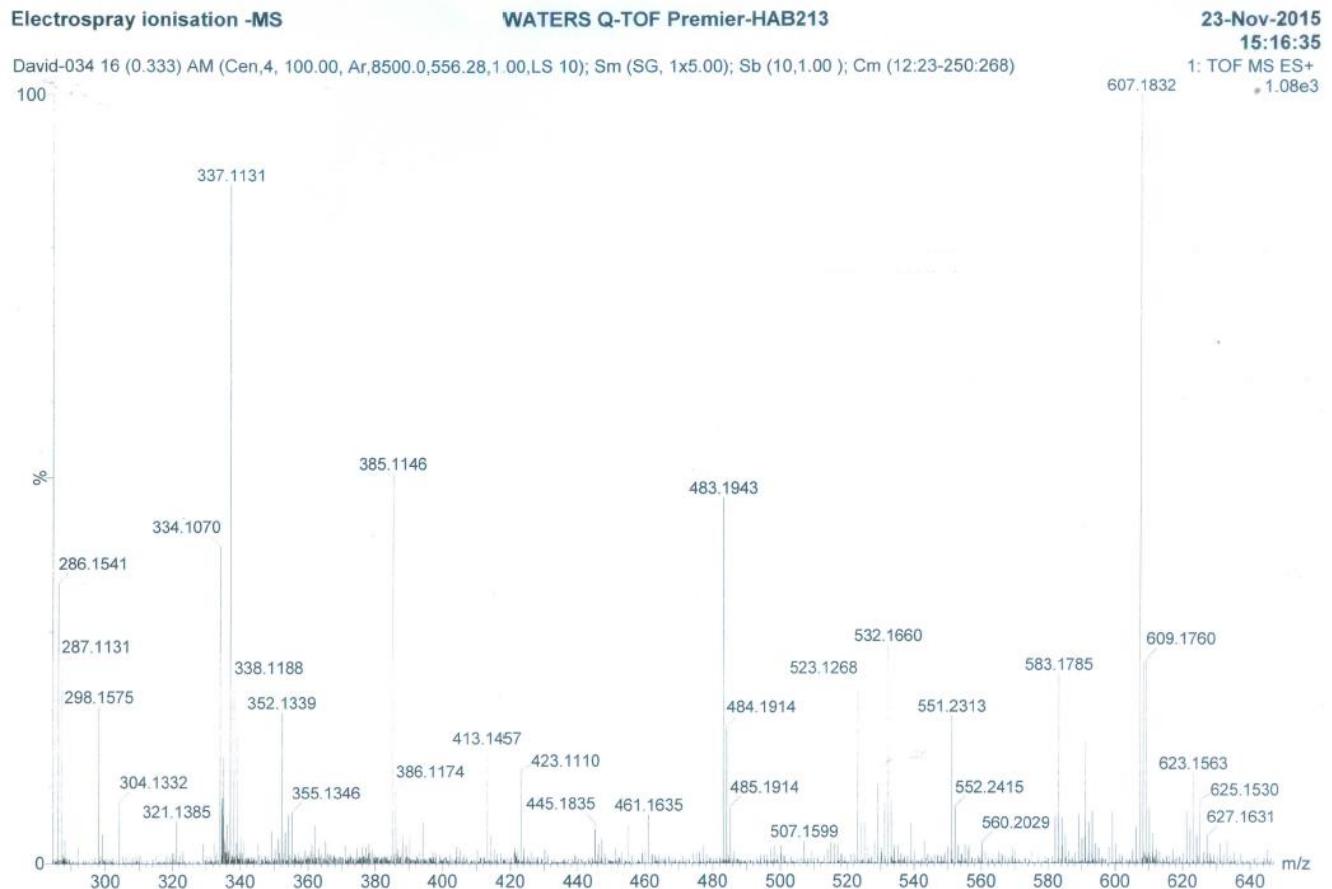
Fig. S-21 ^1H NMR spectrum of compound 27f



45
46
47 Fig. S-22 ¹H NMR spectrum of compound 27f (expansion)

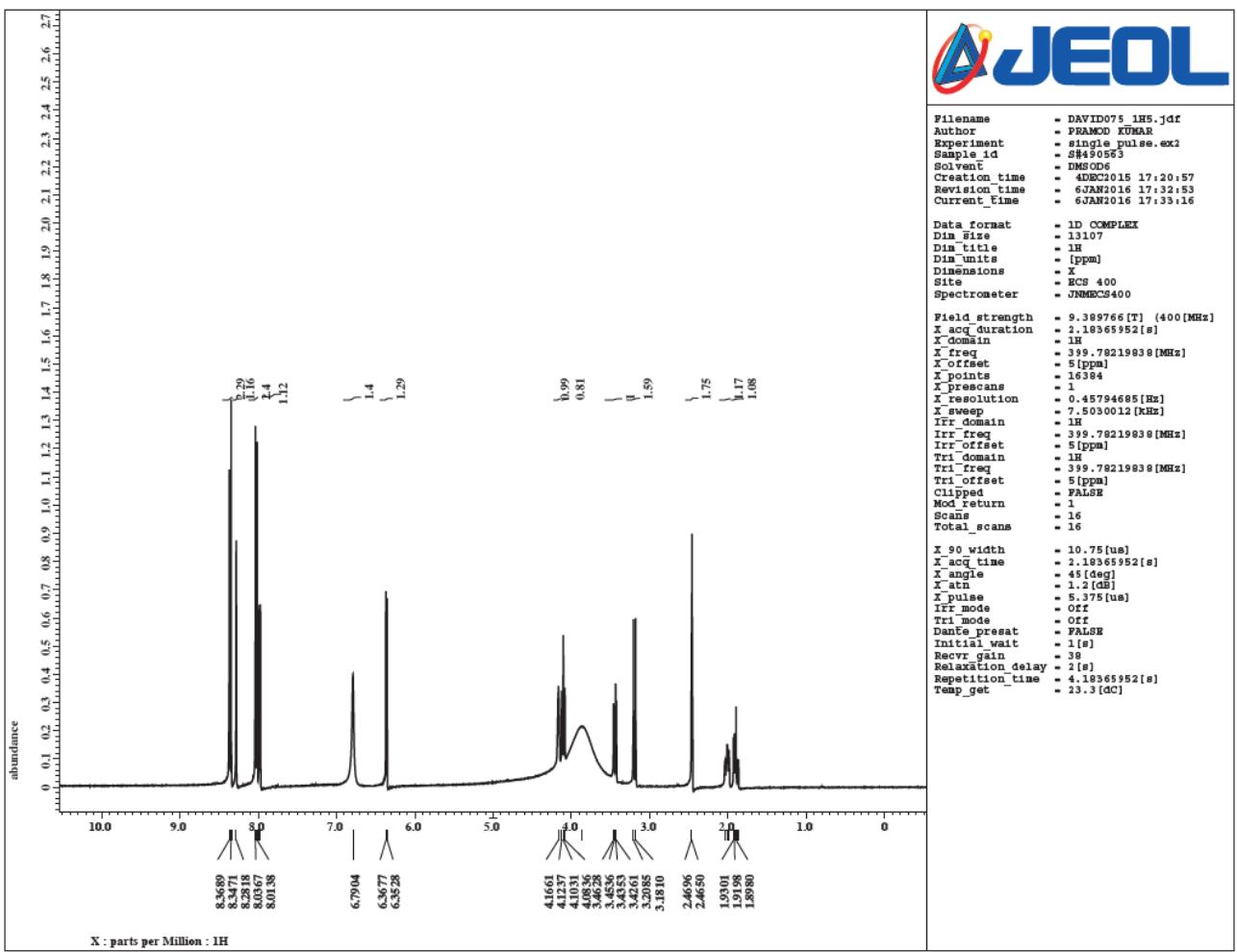


48
49 Fig. S-23 ¹³C NMR spectrum of compound 27f



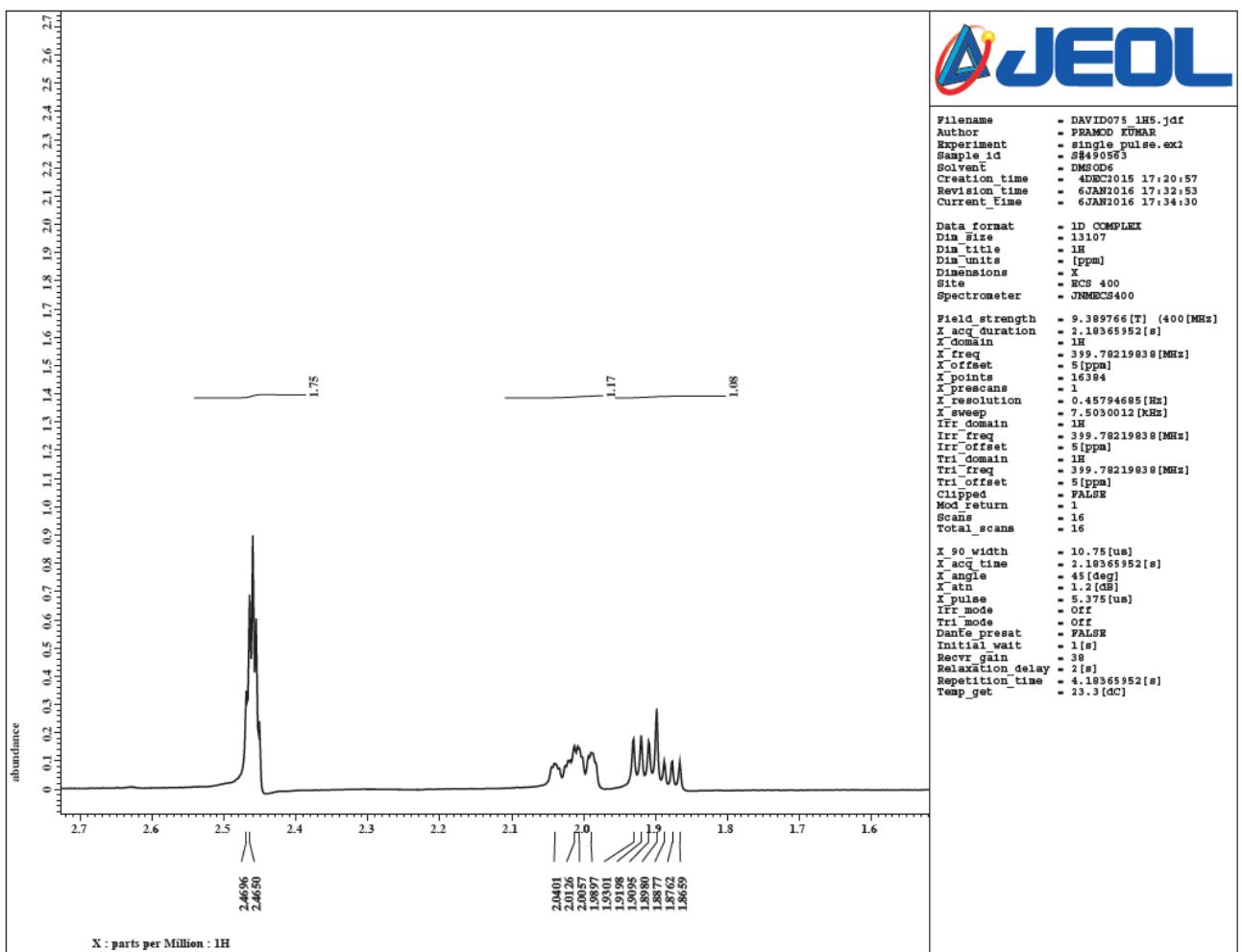
50
51
52

Fig. S-24 mass spectrum of compound 27f

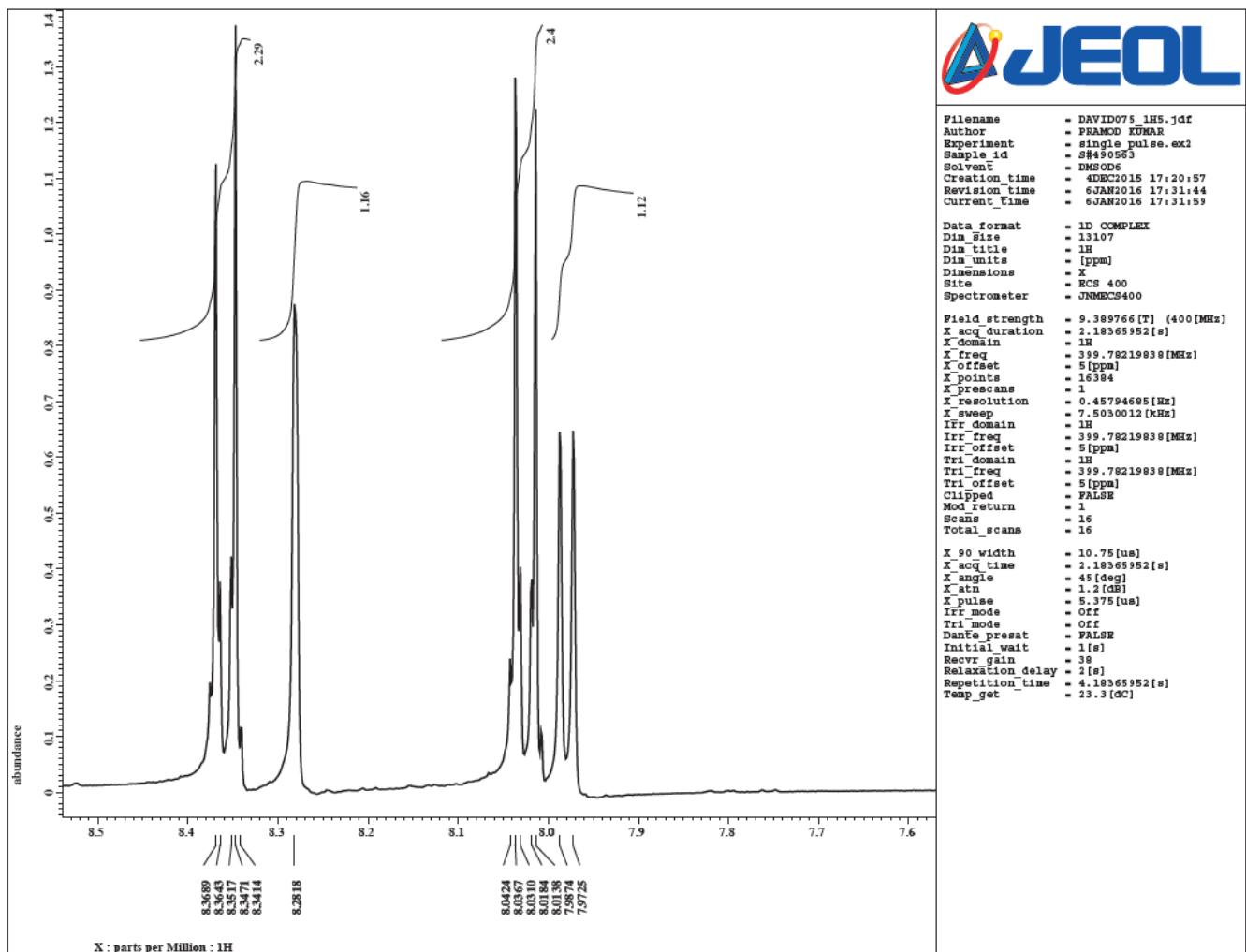


53
54

Fig. S-25 ^1H NMR spectrum of compound 27g

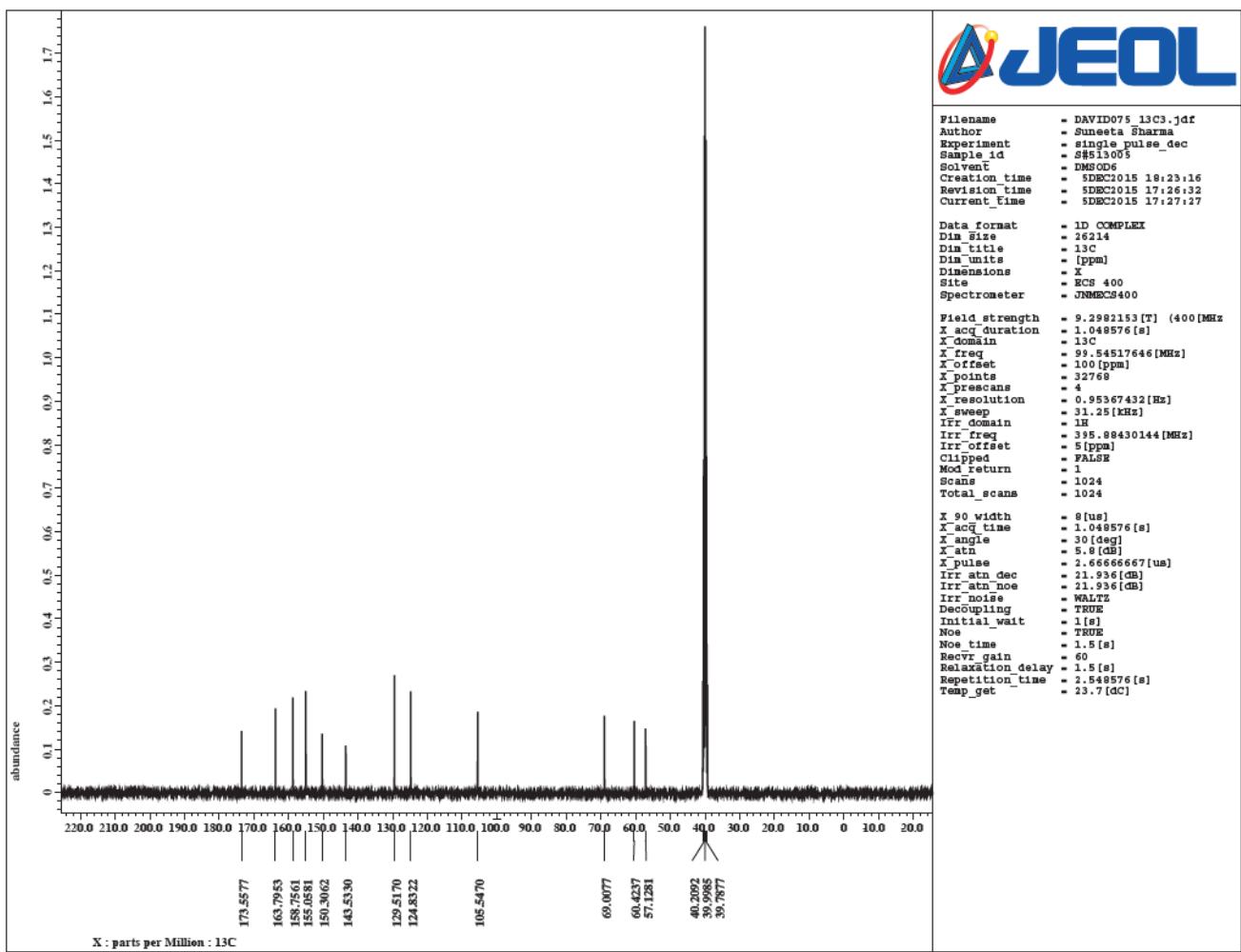


55
56 Fig. S-26 ^1H NMR spectrum of compound 27g (expansion)
57

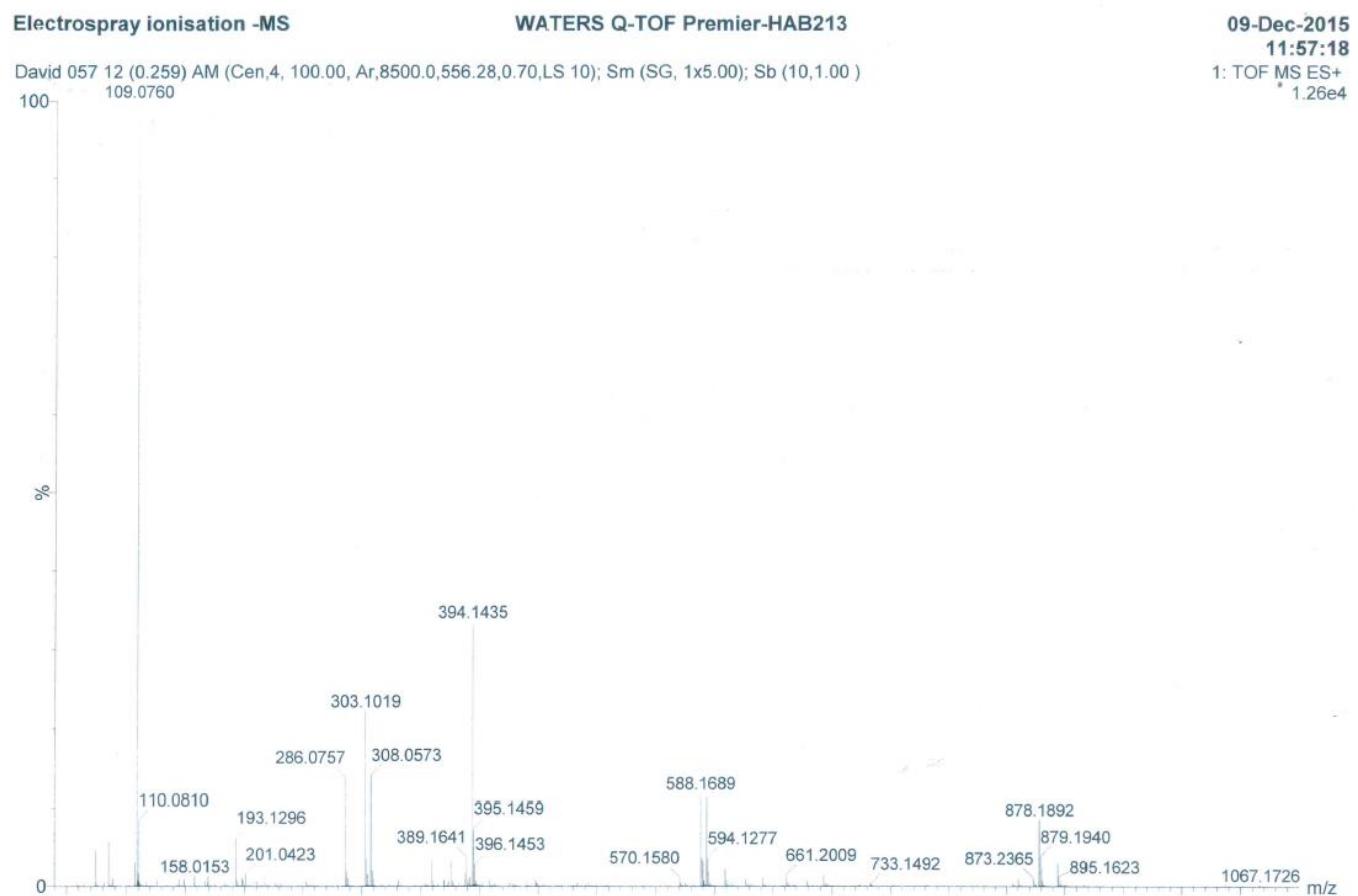


58
59

Fig. S-27 ^1H NMR spectrum of compound **27g** (expansion)

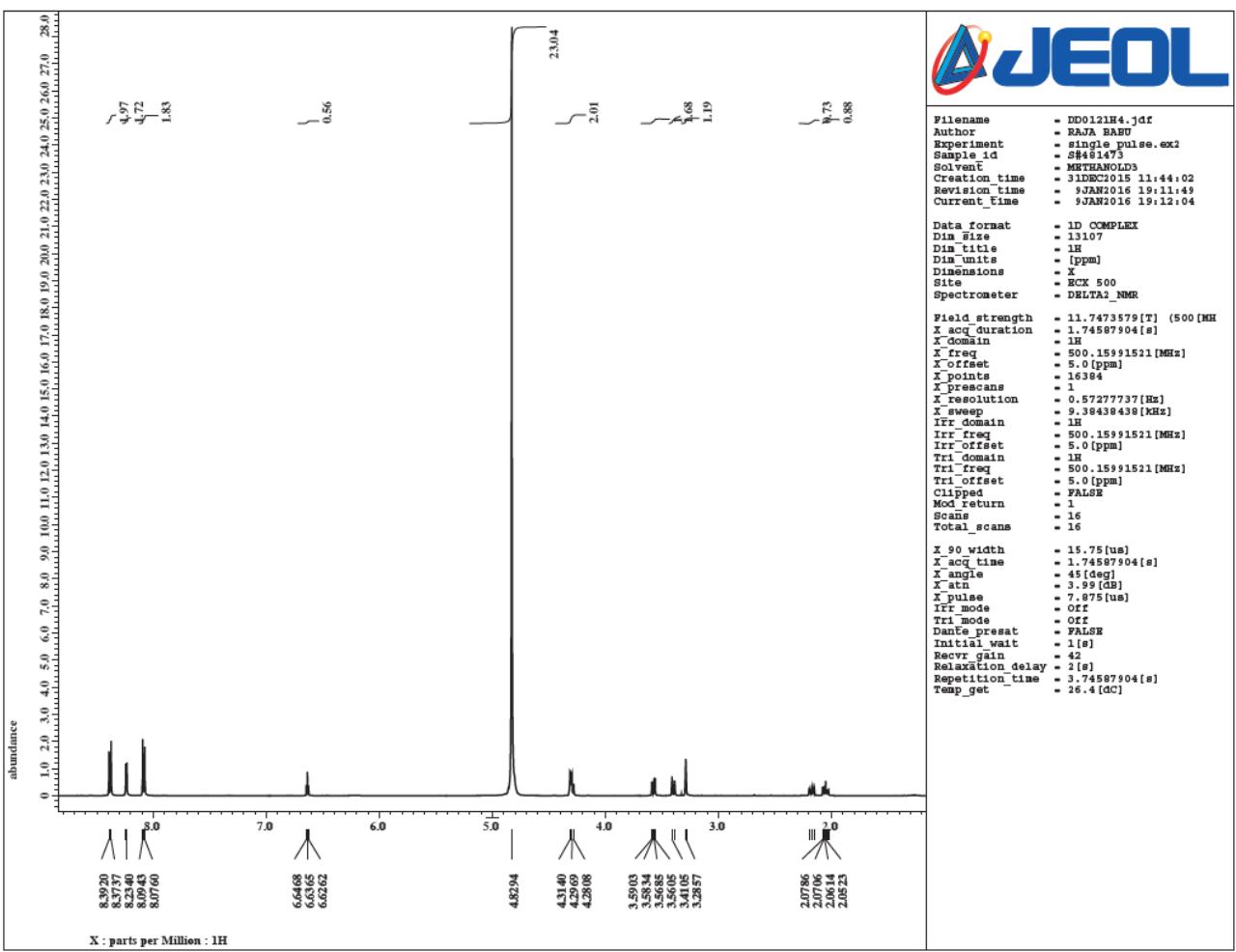


60
61 Fig. S-28 ¹³C NMR spectrum of compound 27g
62



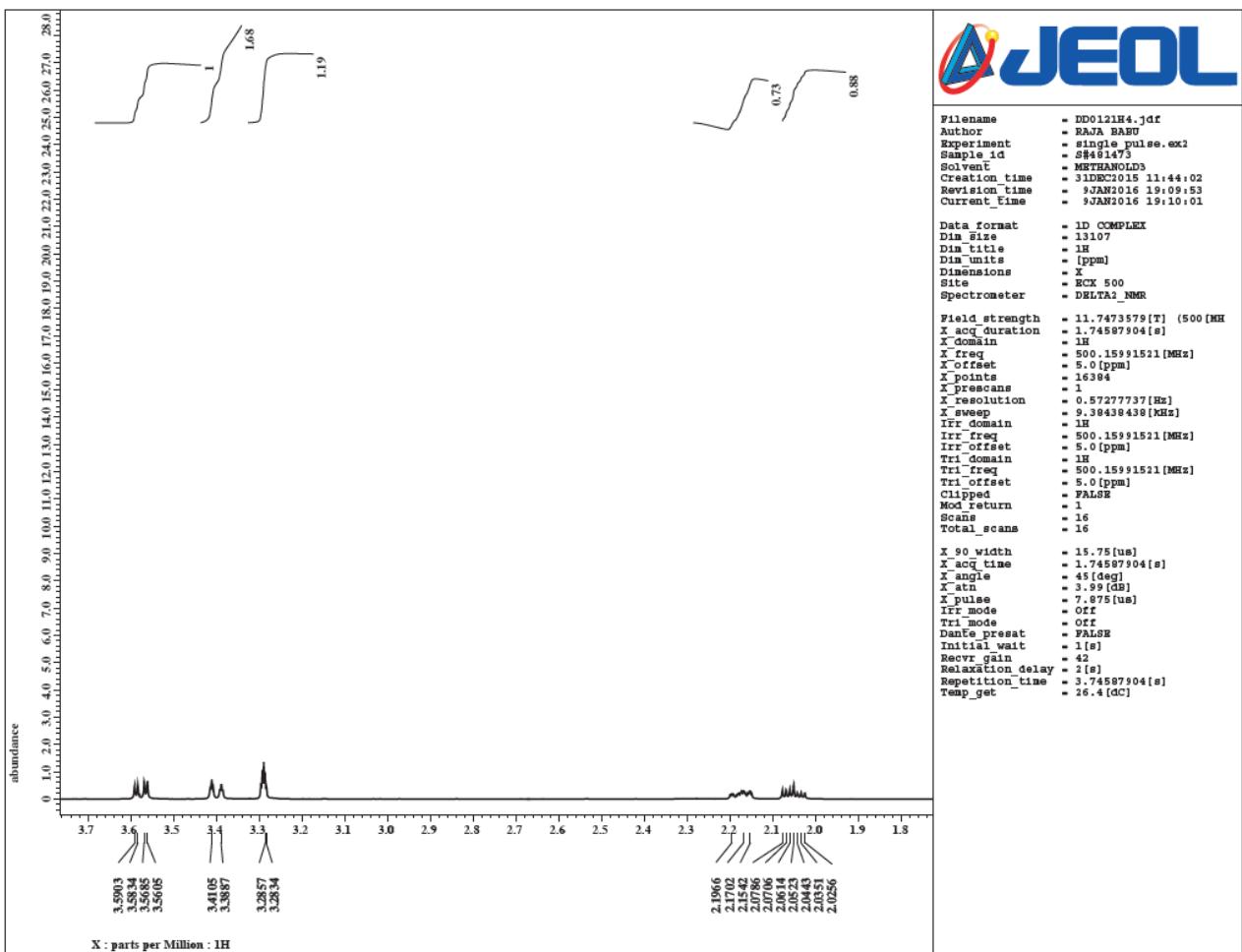
63
64

Fig. S-29 mass spectrum of compound **27g**

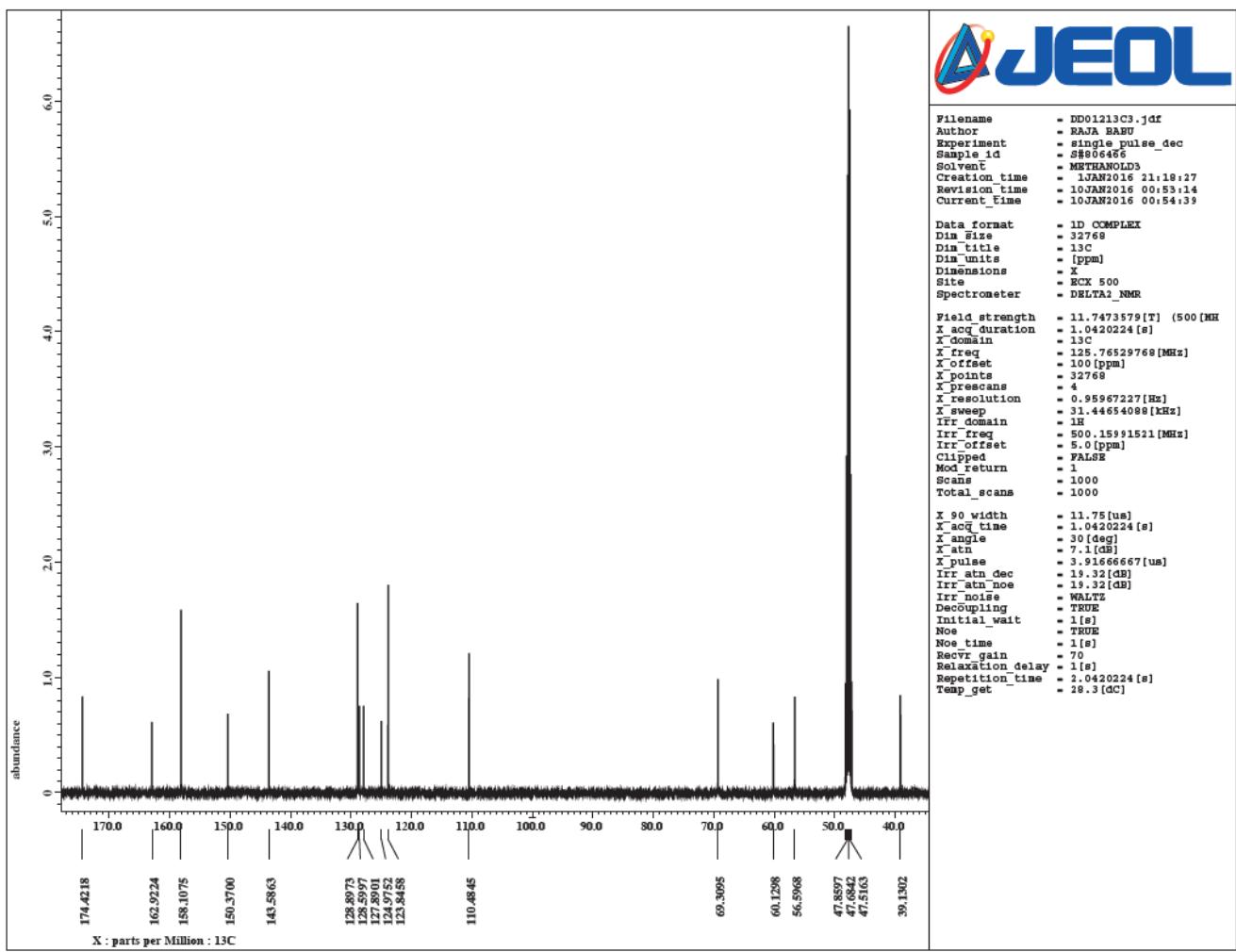


65
66

Fig. S-30 ¹H NMR spectrum of compound 27h

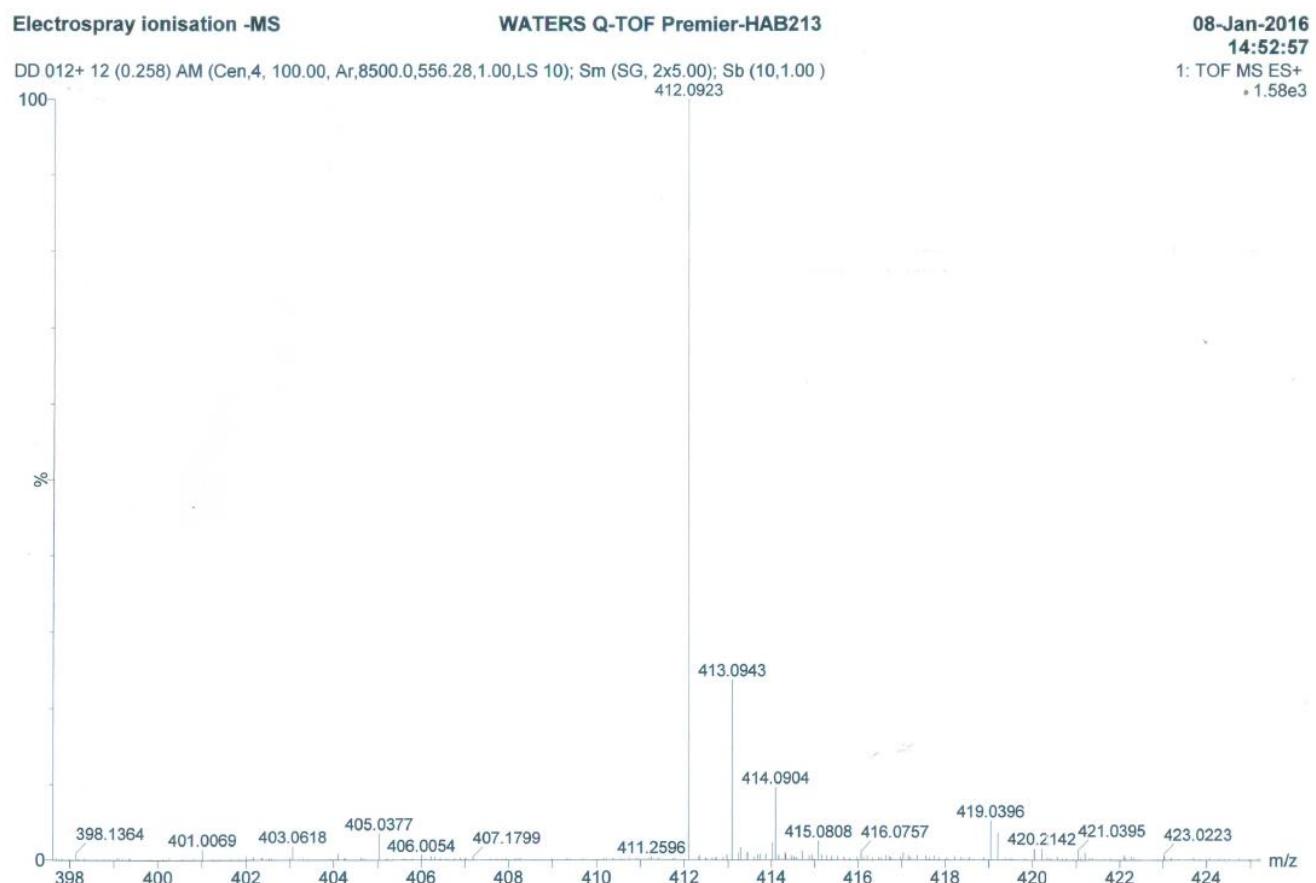


67
68
69 Fig. S-31 ¹H NMR spectrum of compound 27h (expansion)



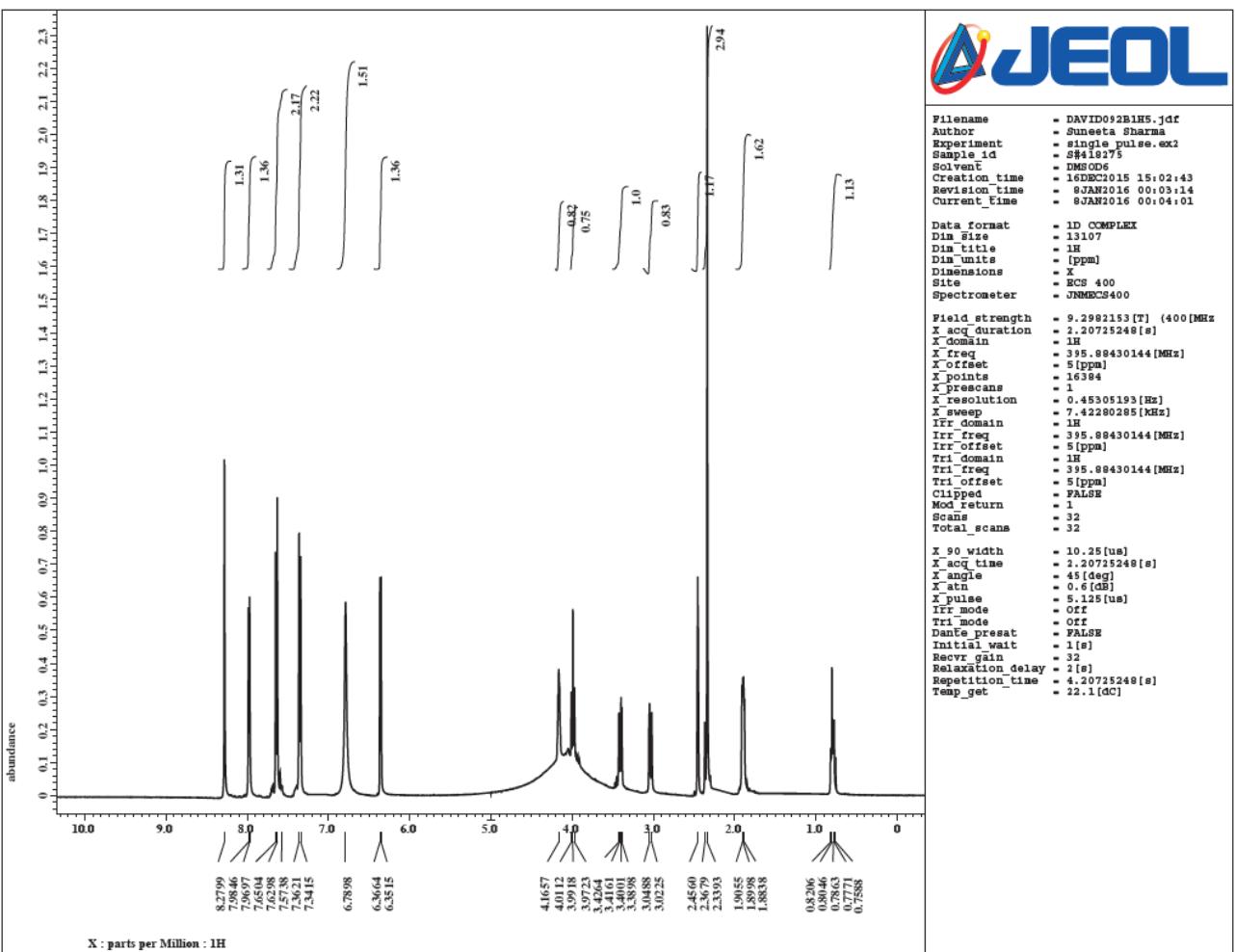
70
71

Fig. S-32 ^{13}C NMR spectrum of compound 27h



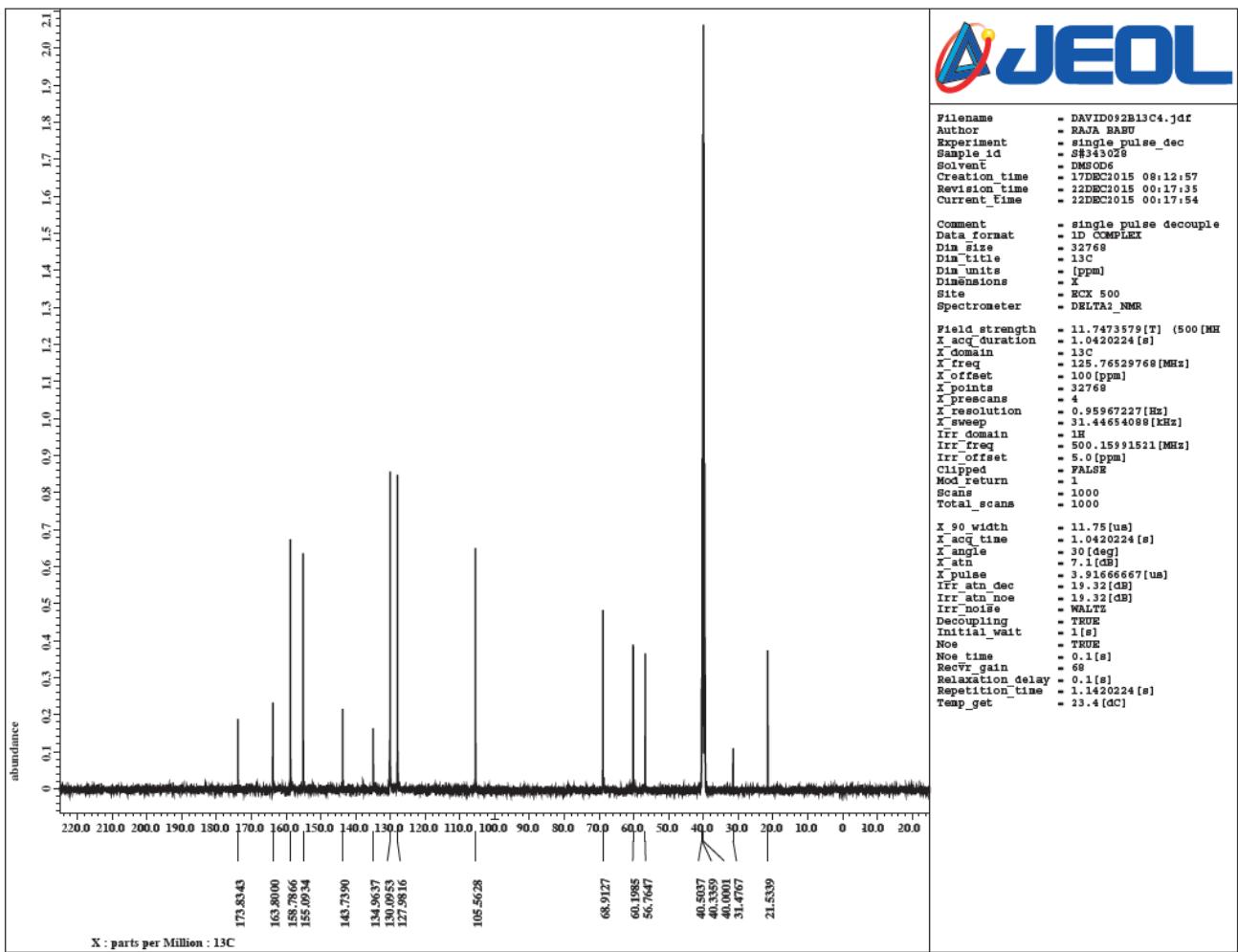
72
73

Fig. S-33 mass spectrum of compound **27h**



74
75

Fig. S-34 ^1H NMR spectrum of compound 27i



76
77

Fig. S-35 ^{13}C NMR spectrum of compound 27i

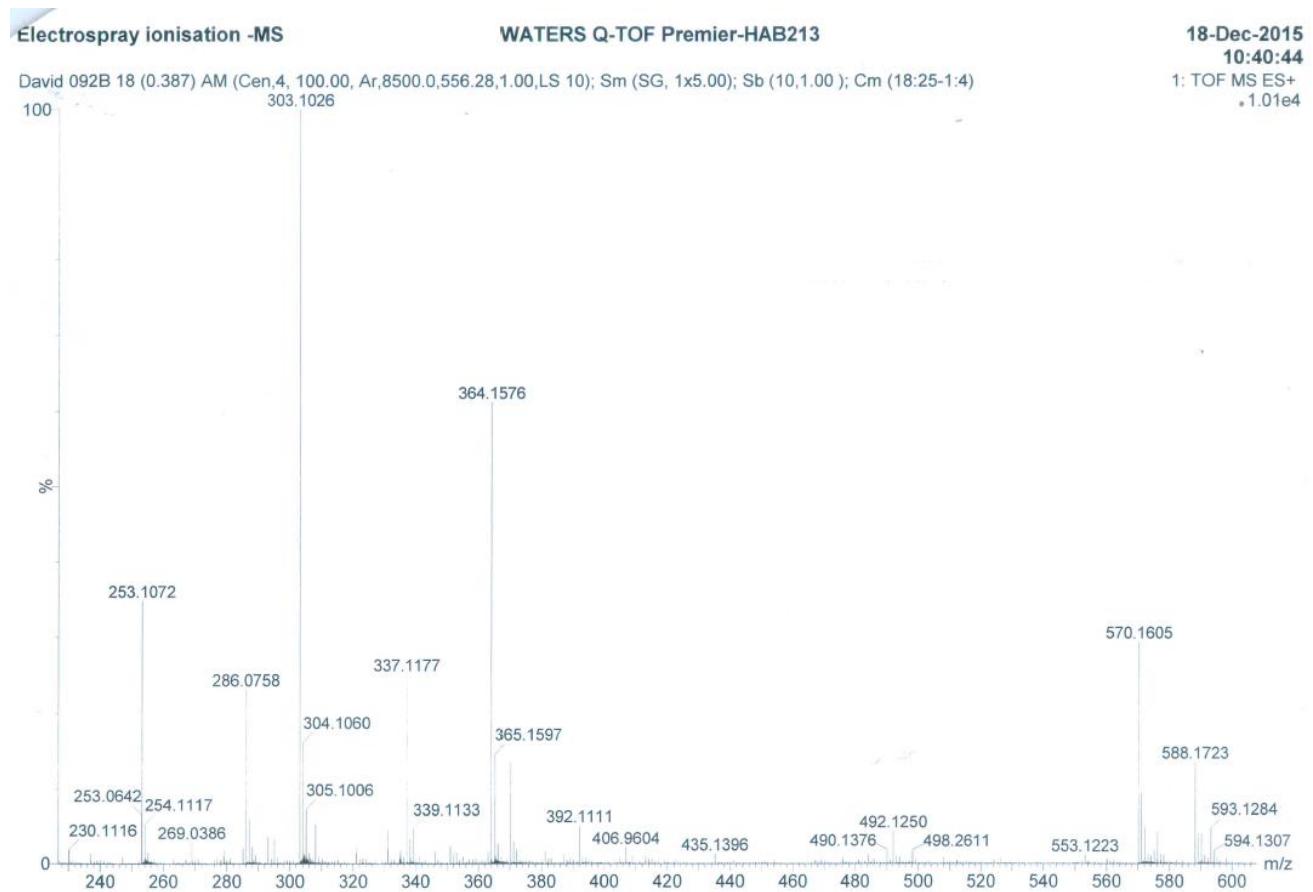
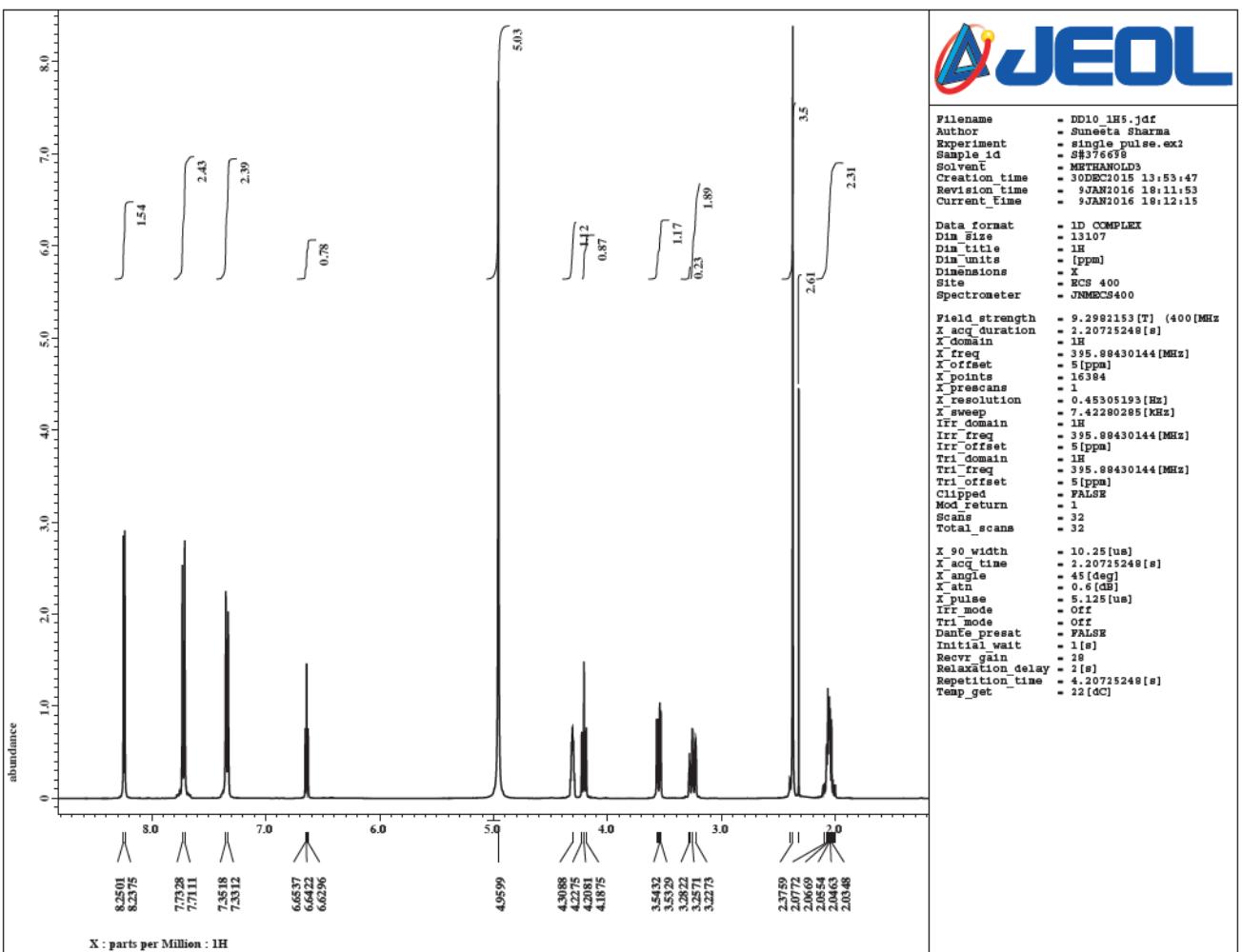
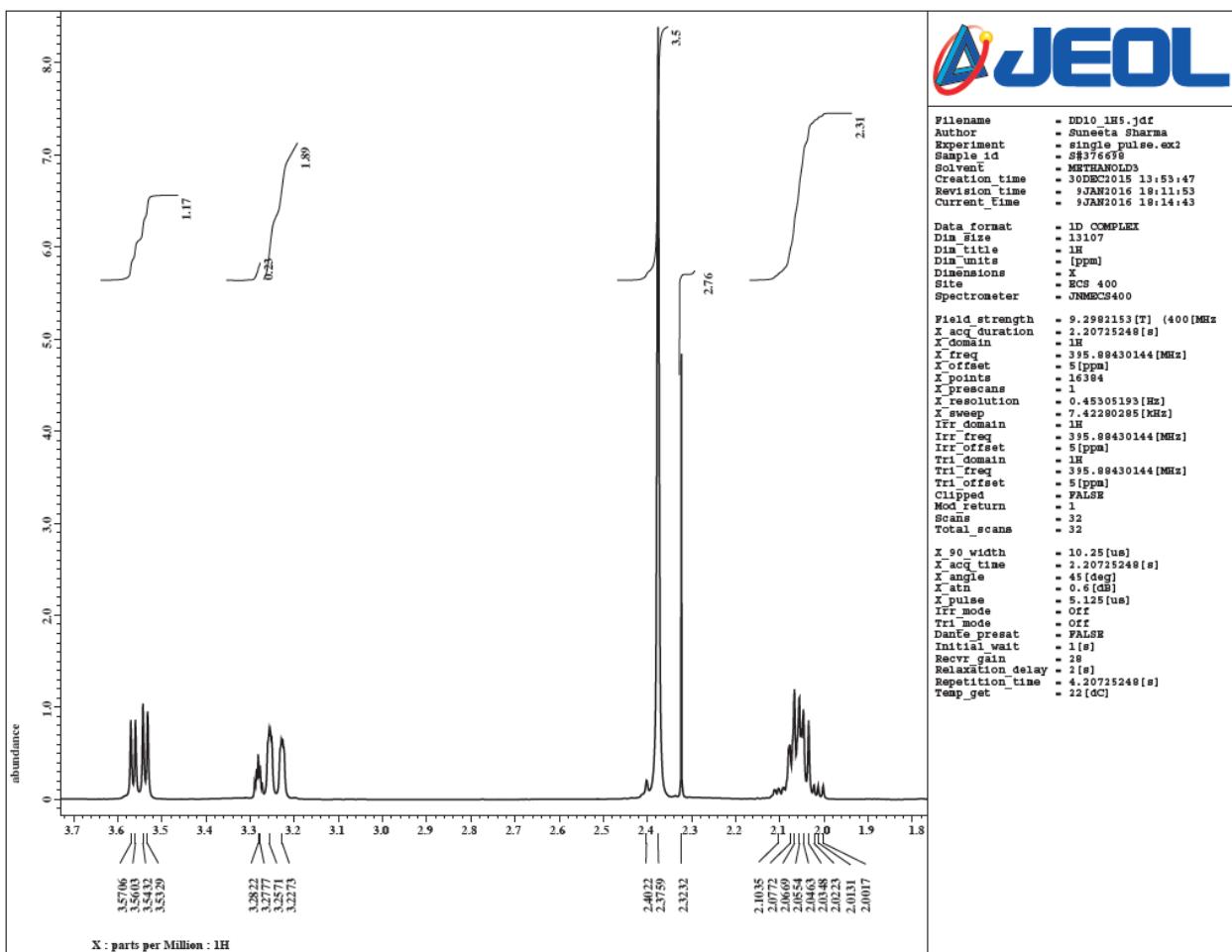


Fig. S-36 mass spectrum of compound **27i**



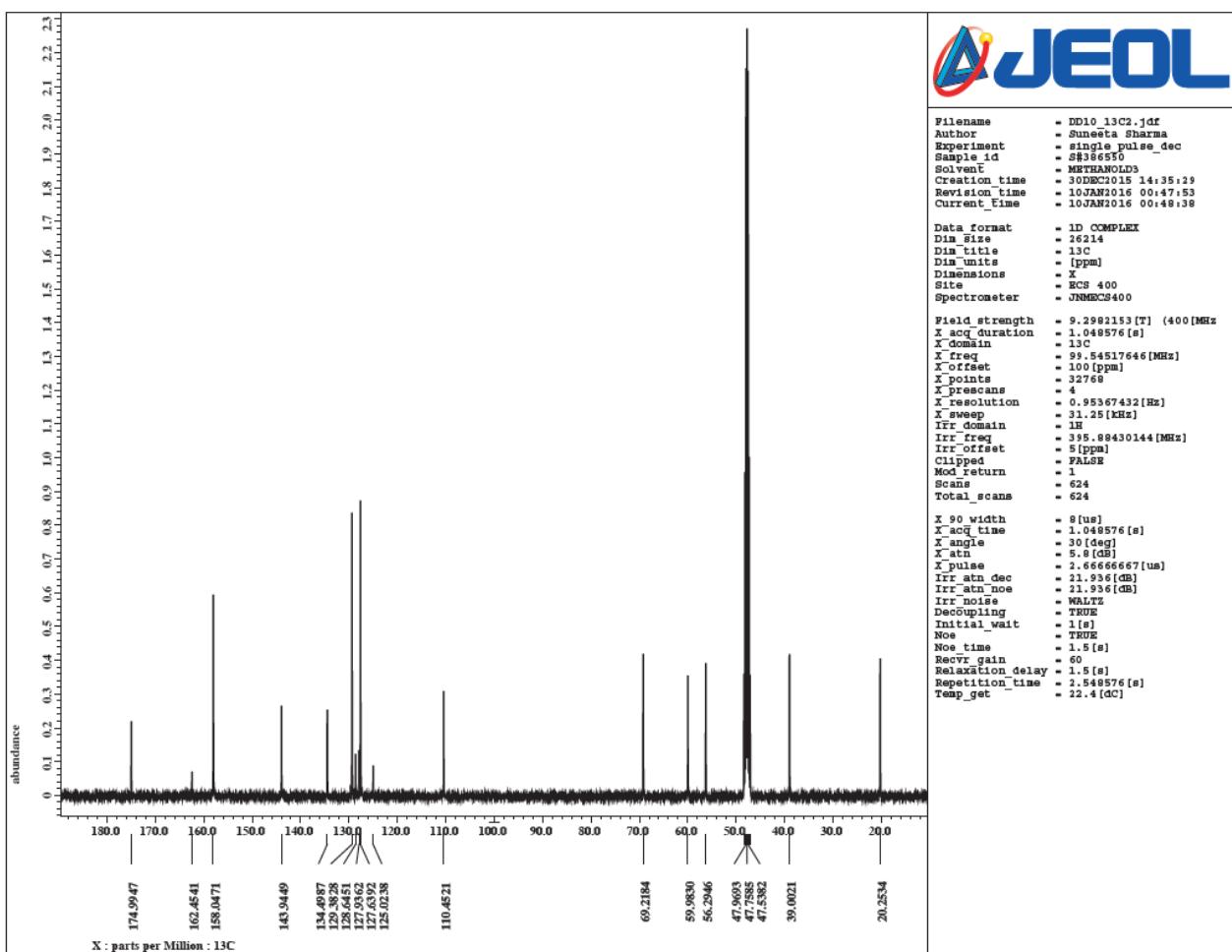
80
81

Fig. S-37 ^1H NMR spectrum of compound 27j

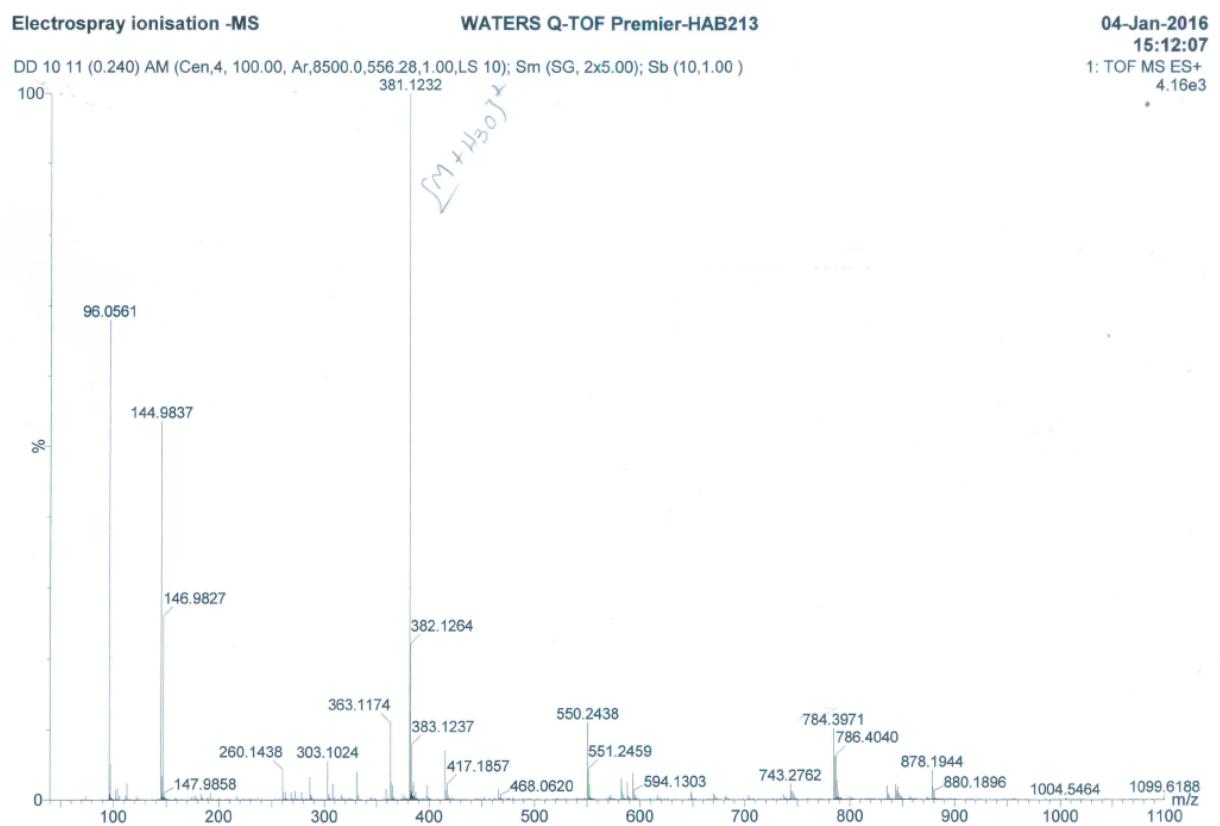


82
83

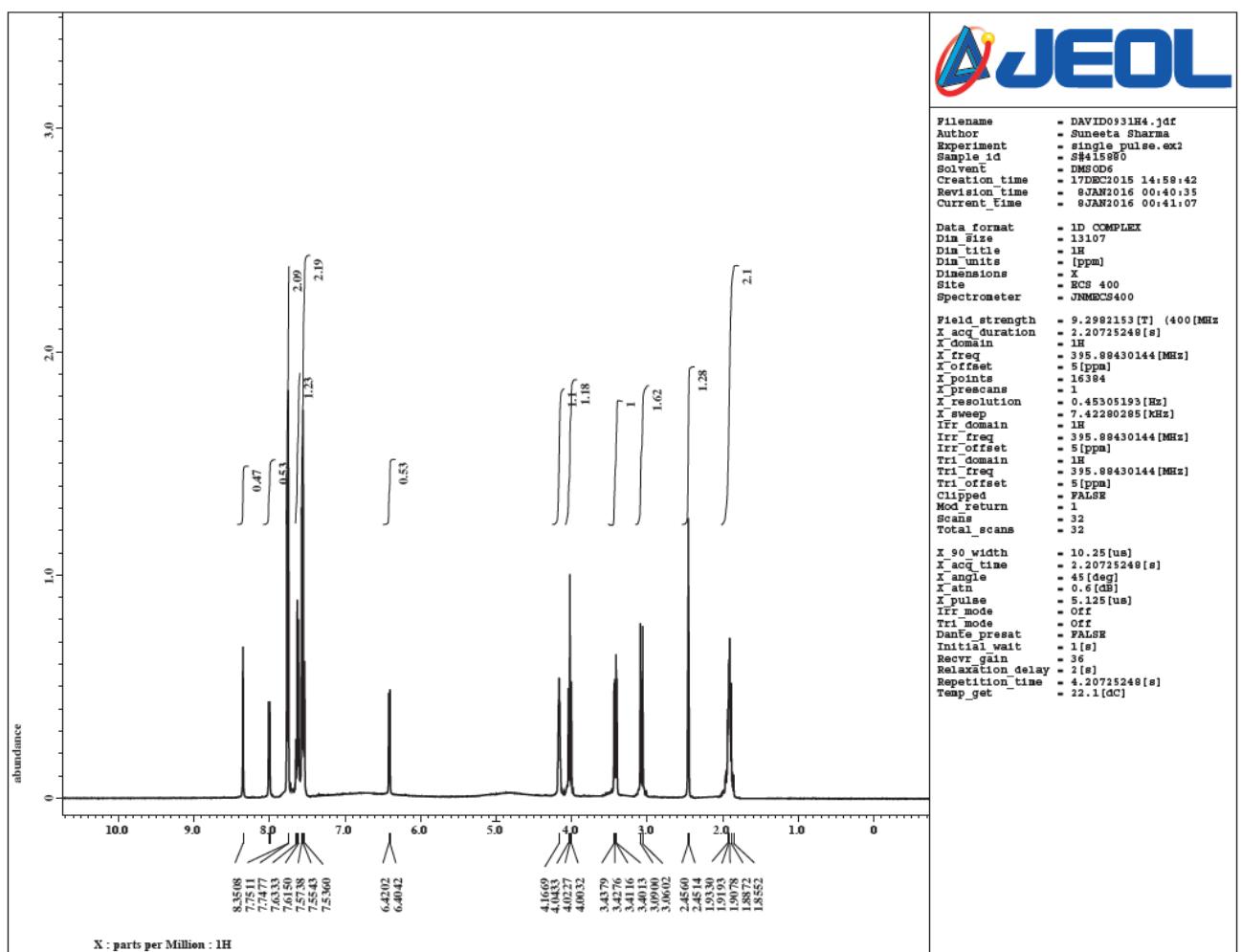
Fig. S-38 ¹H NMR spectrum of compound 27j (expansion)



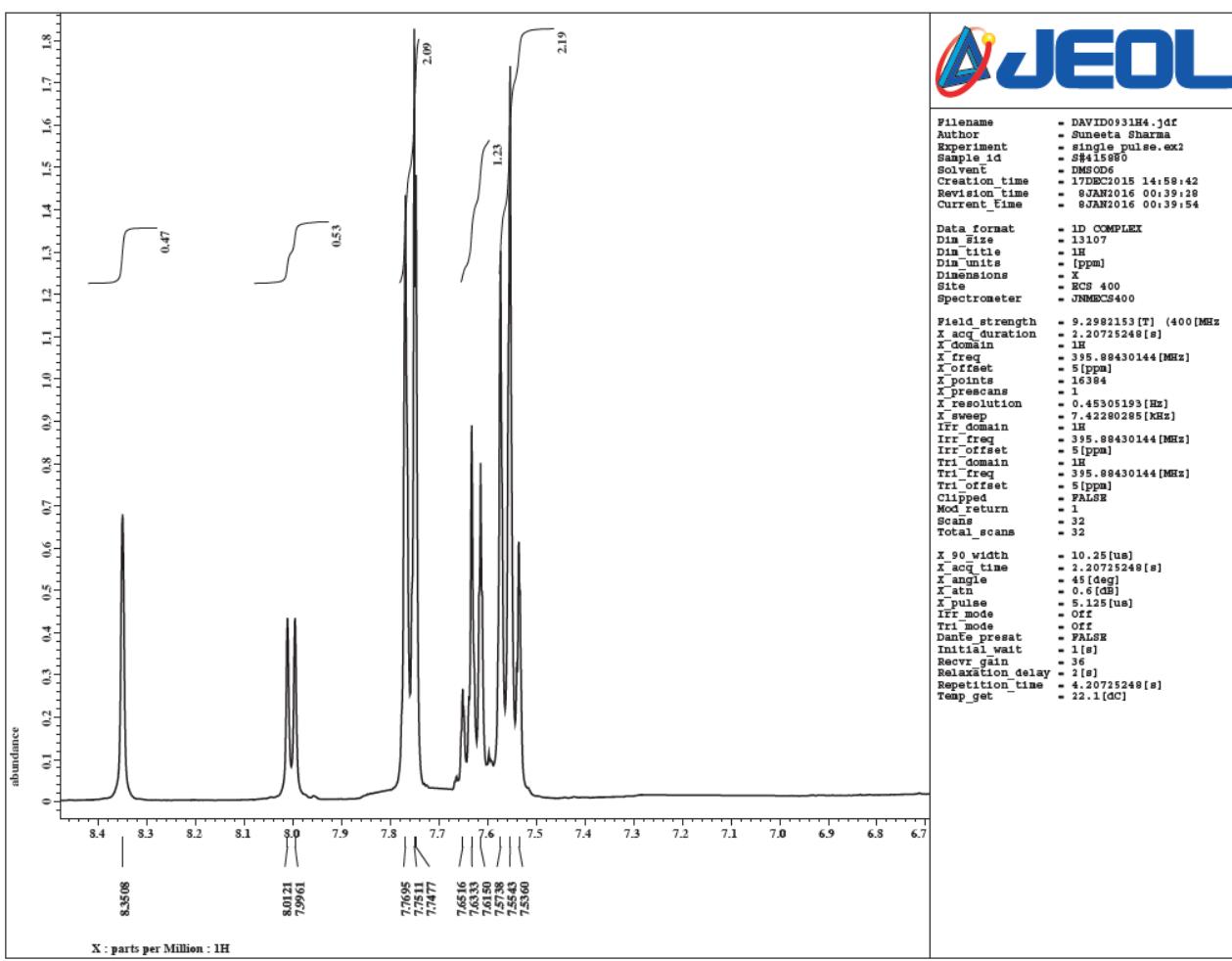
84
85 Fig. S-39 ^{13}C NMR spectrum of compound 27j



86
 87 Fig. S-40 mass spectrum of compound **27j**

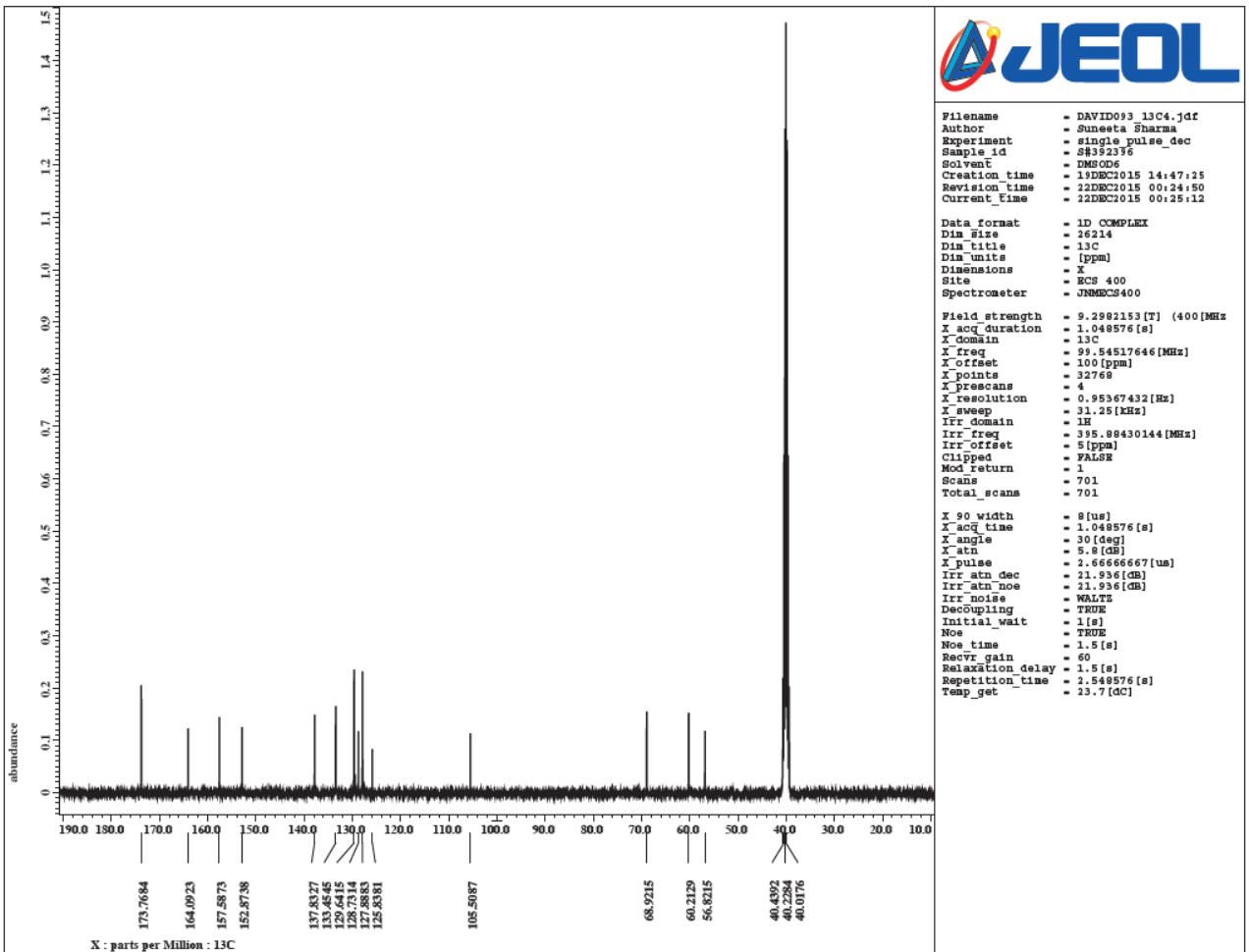


88
89 Fig. S-41 ^1H NMR spectrum of compound 27k



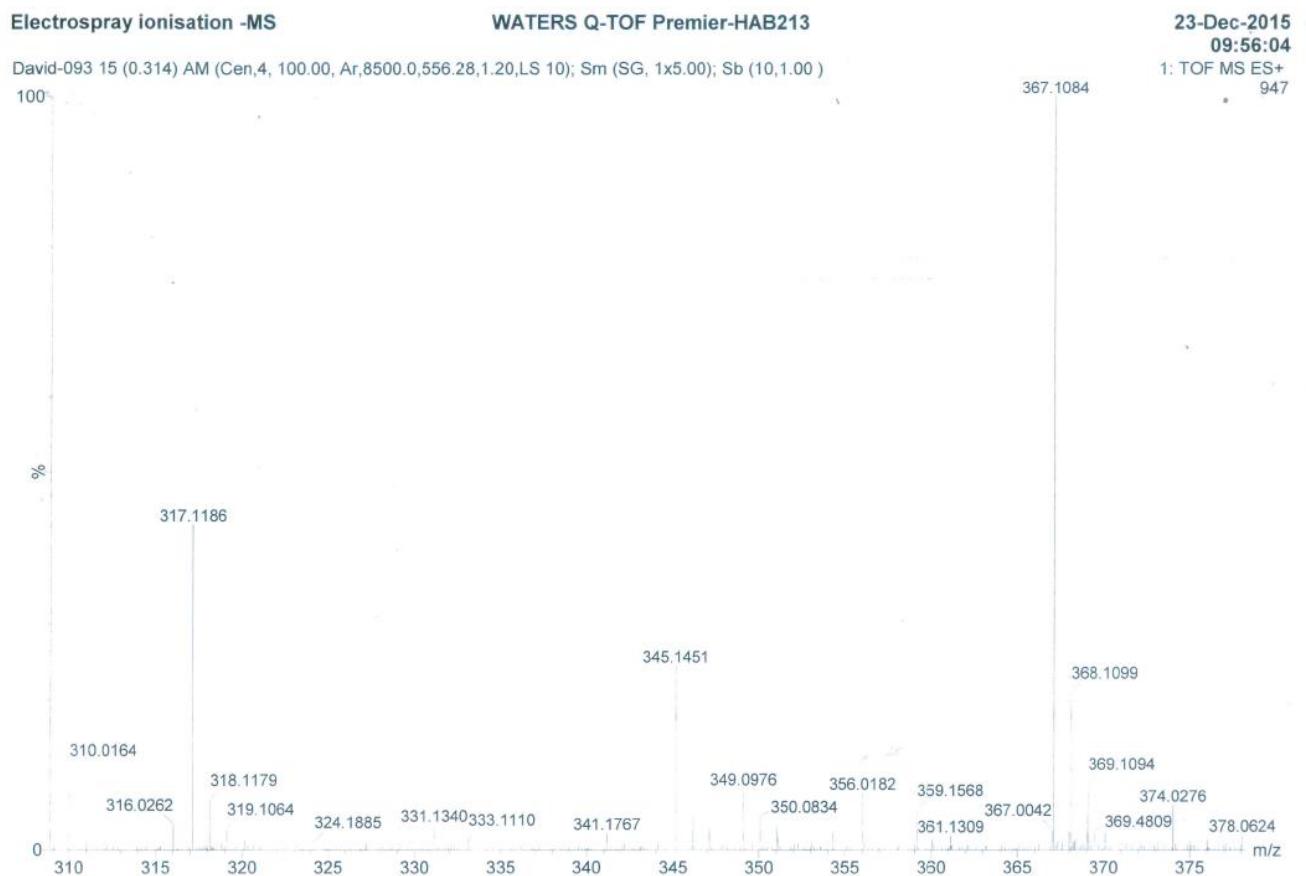
90
91
92

Fig. S-42 ^1H NMR spectrum of compound **27k** (expansion)



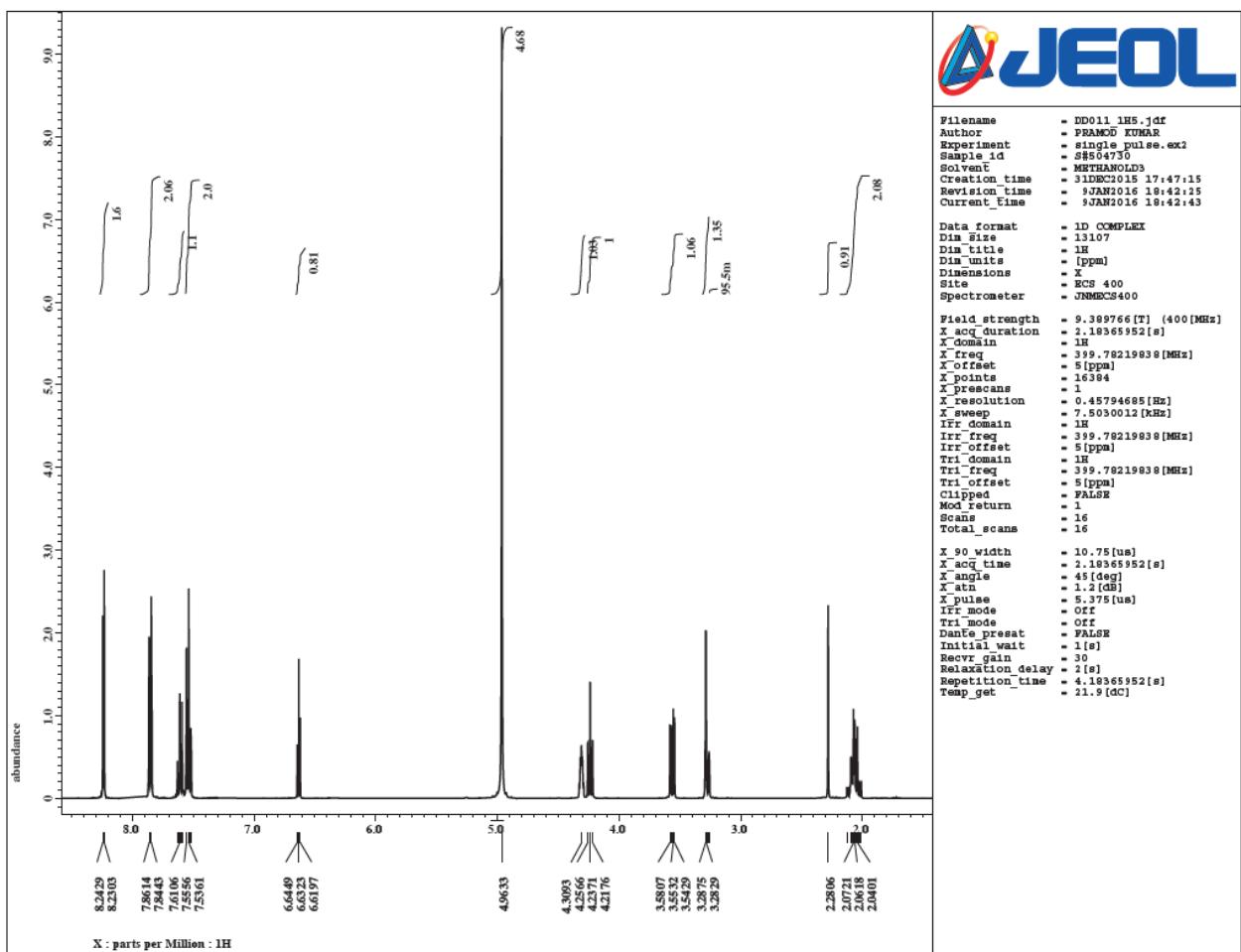
93
94

Fig. S-43 ¹³C NMR spectrum of compound 27k

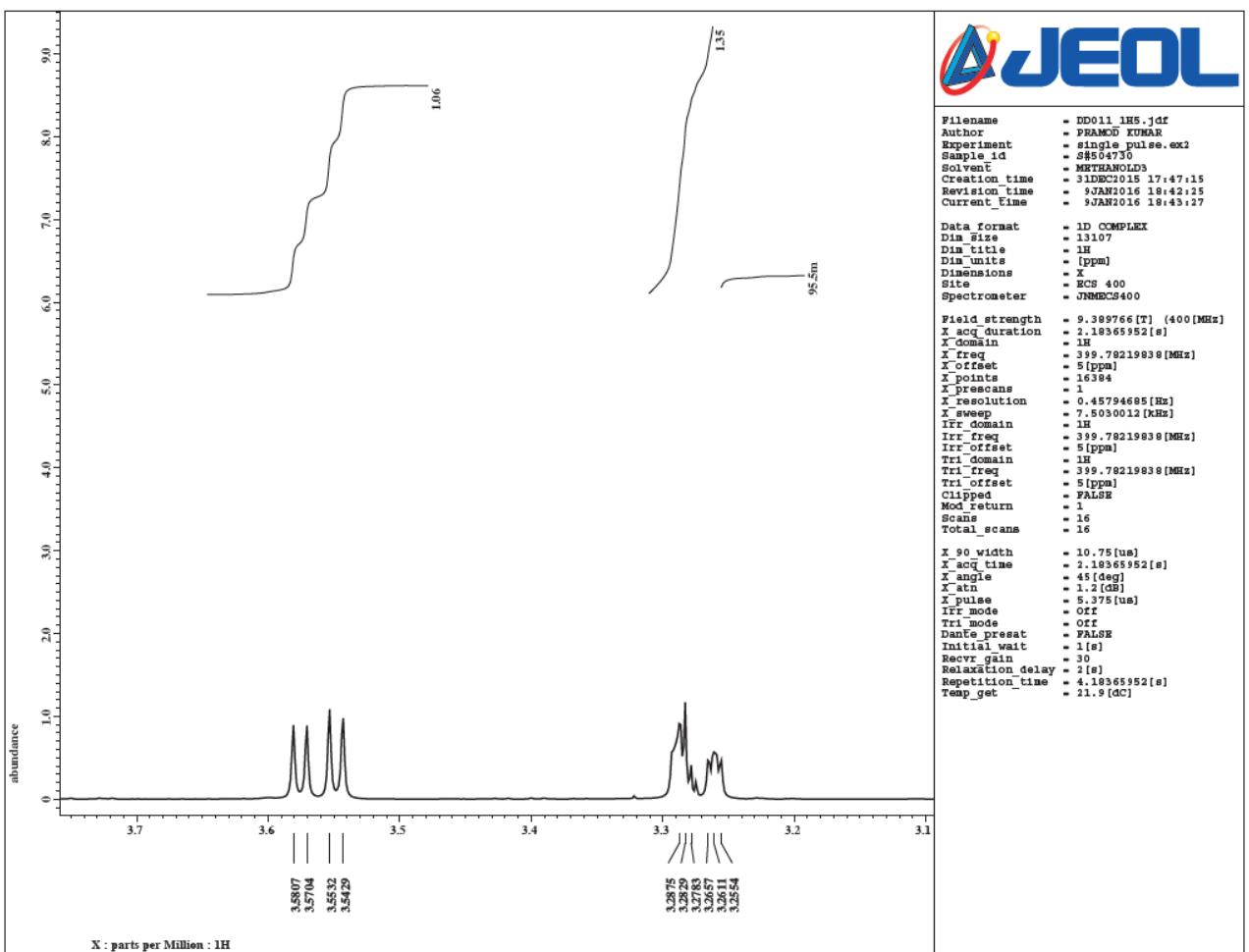


95
96

Fig. S-44 mass spectrum of compound **27k**

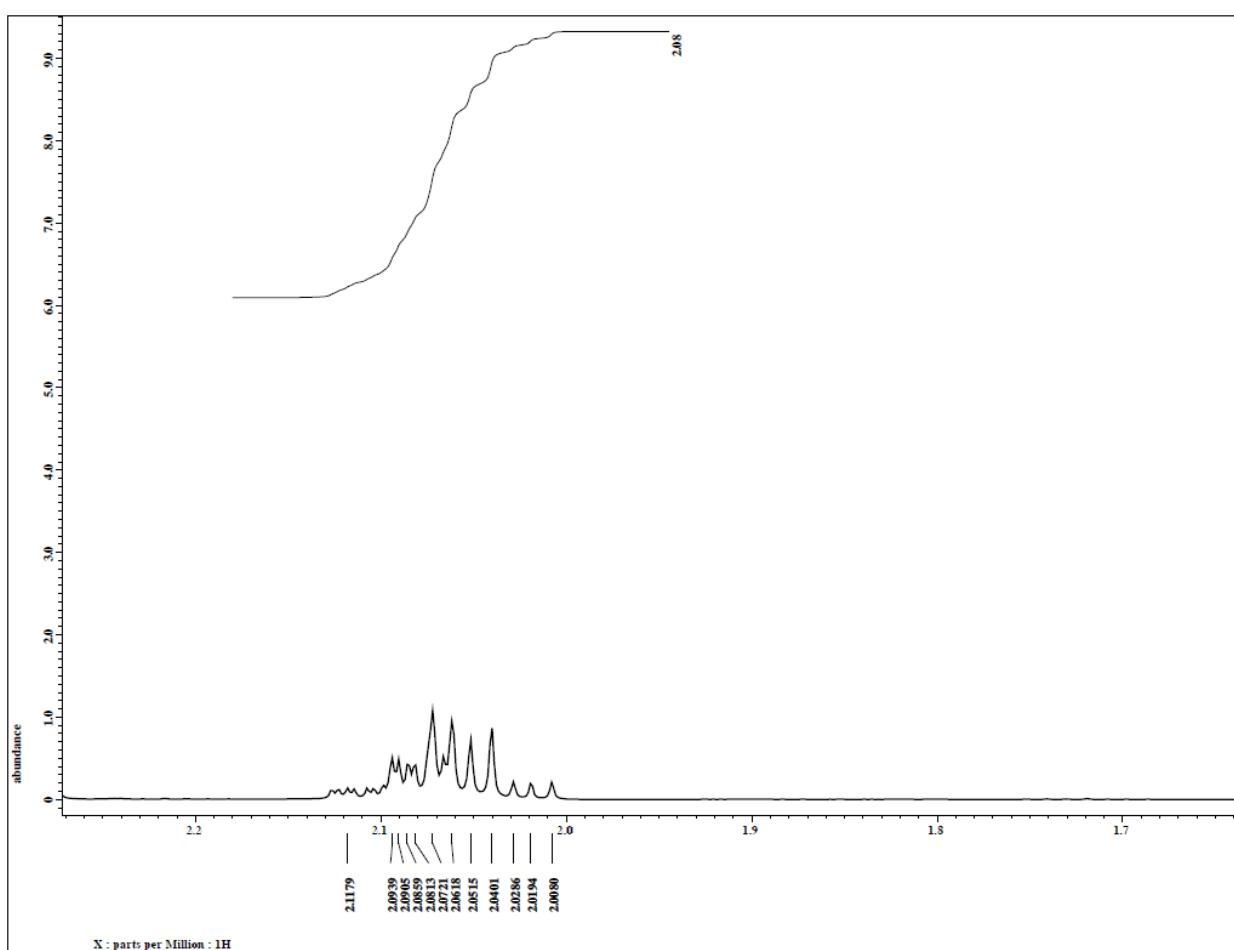


97
98 Fig. S-45 ^1H NMR spectrum of compound 27l

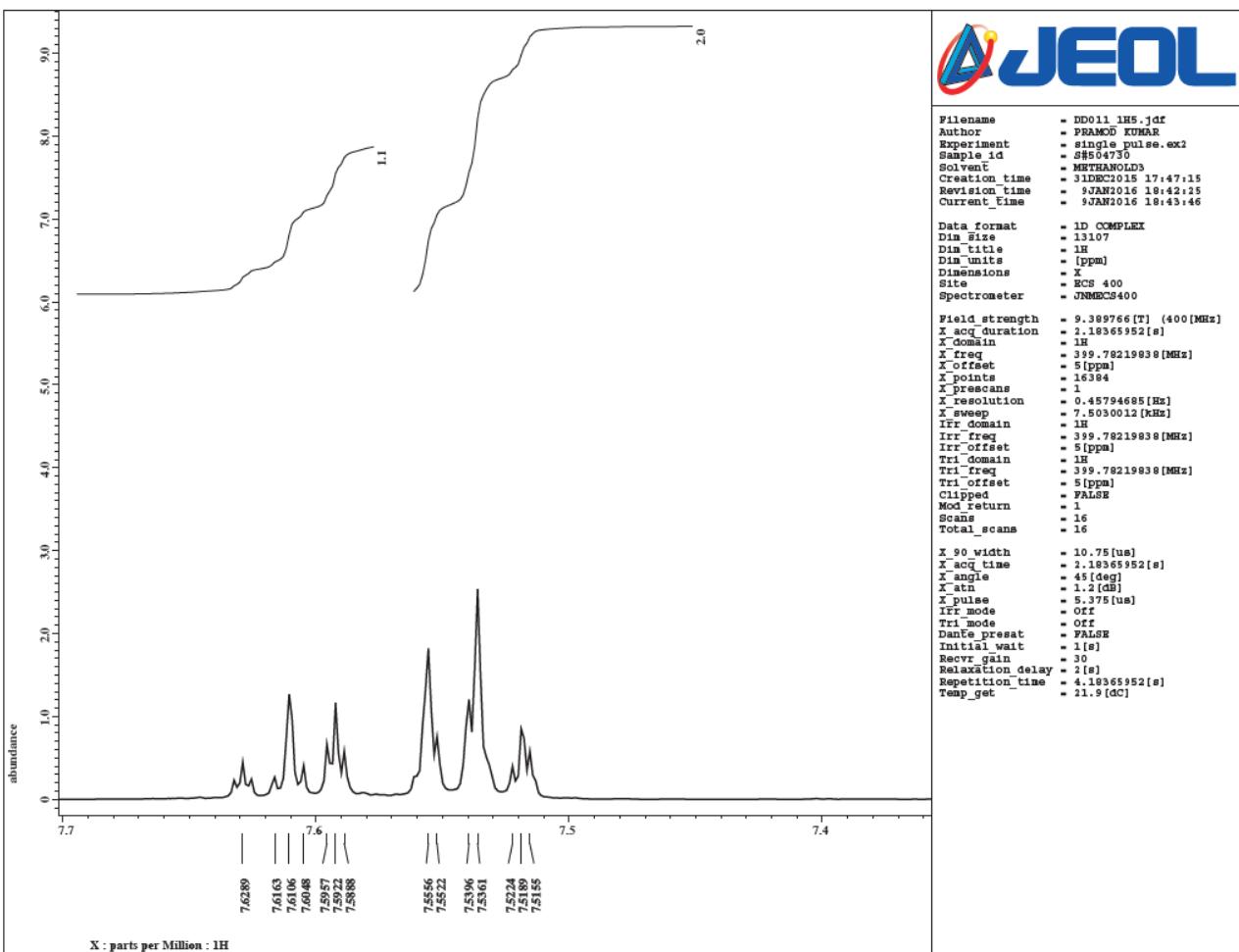


99
100
101

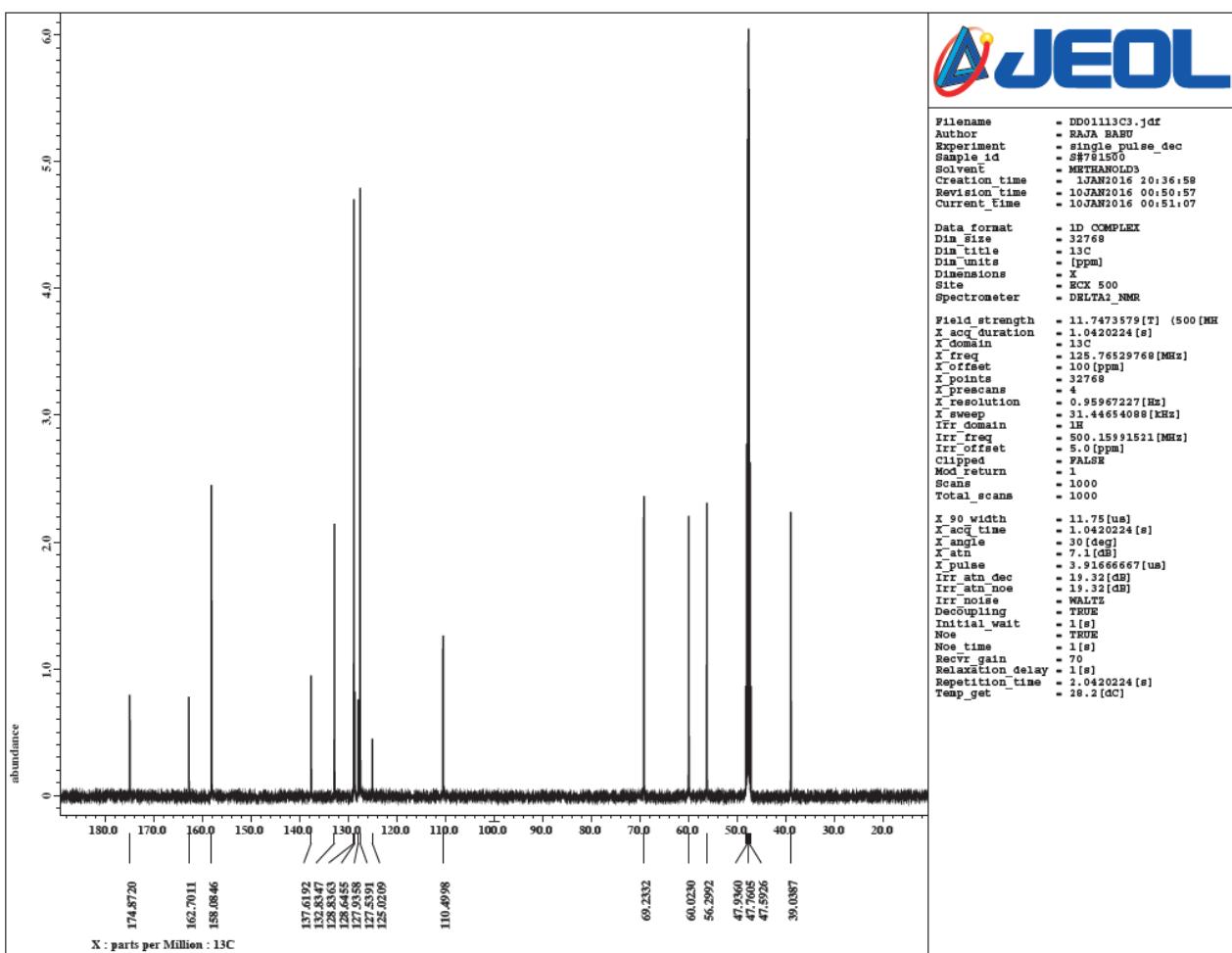
Fig. S-46 ^1H NMR spectrum of compound 27l (expansion)



102
103 Fig. S-47 ^1H NMR spectrum of compound **27l** (expansion)

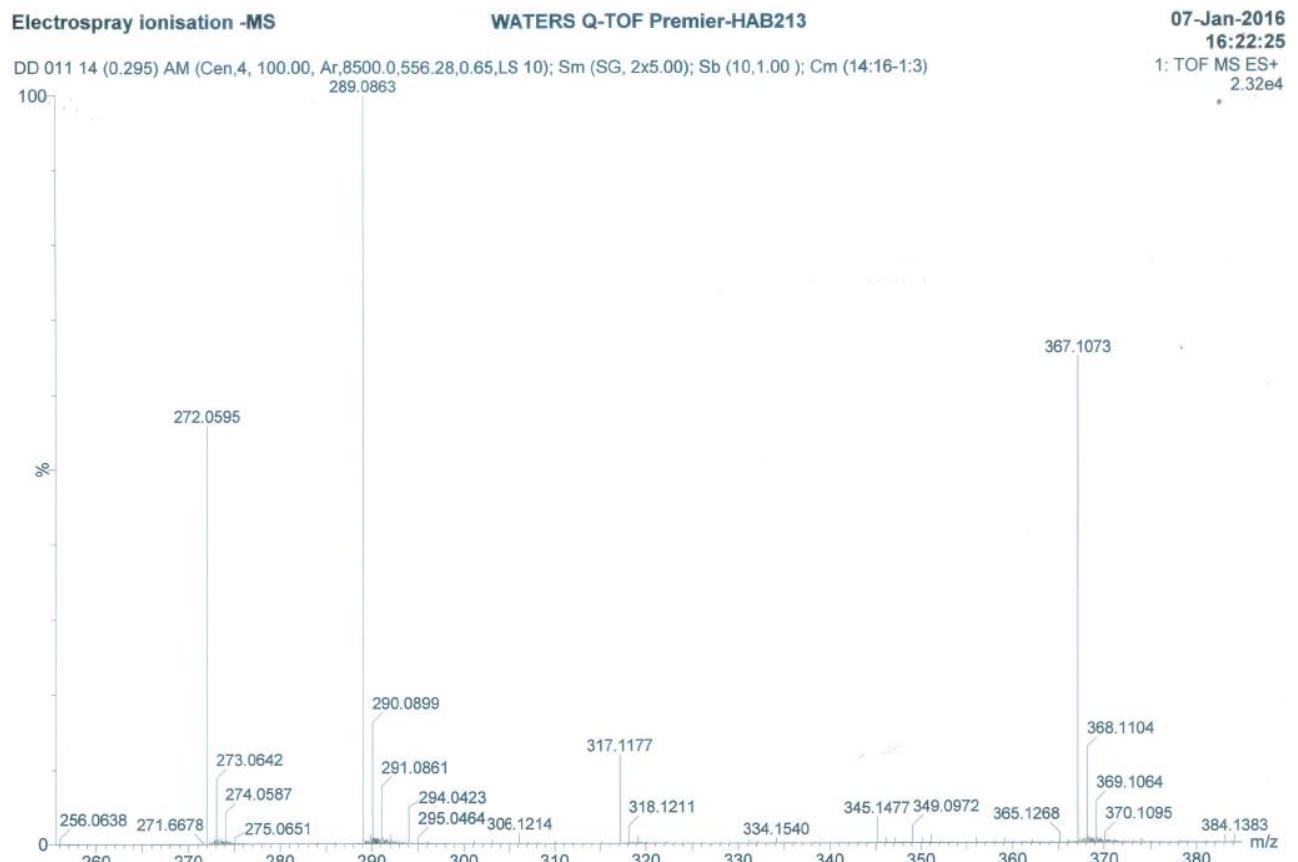


104
105 Fig. S-48 ^1H NMR spectrum of compound 27l (expansion)

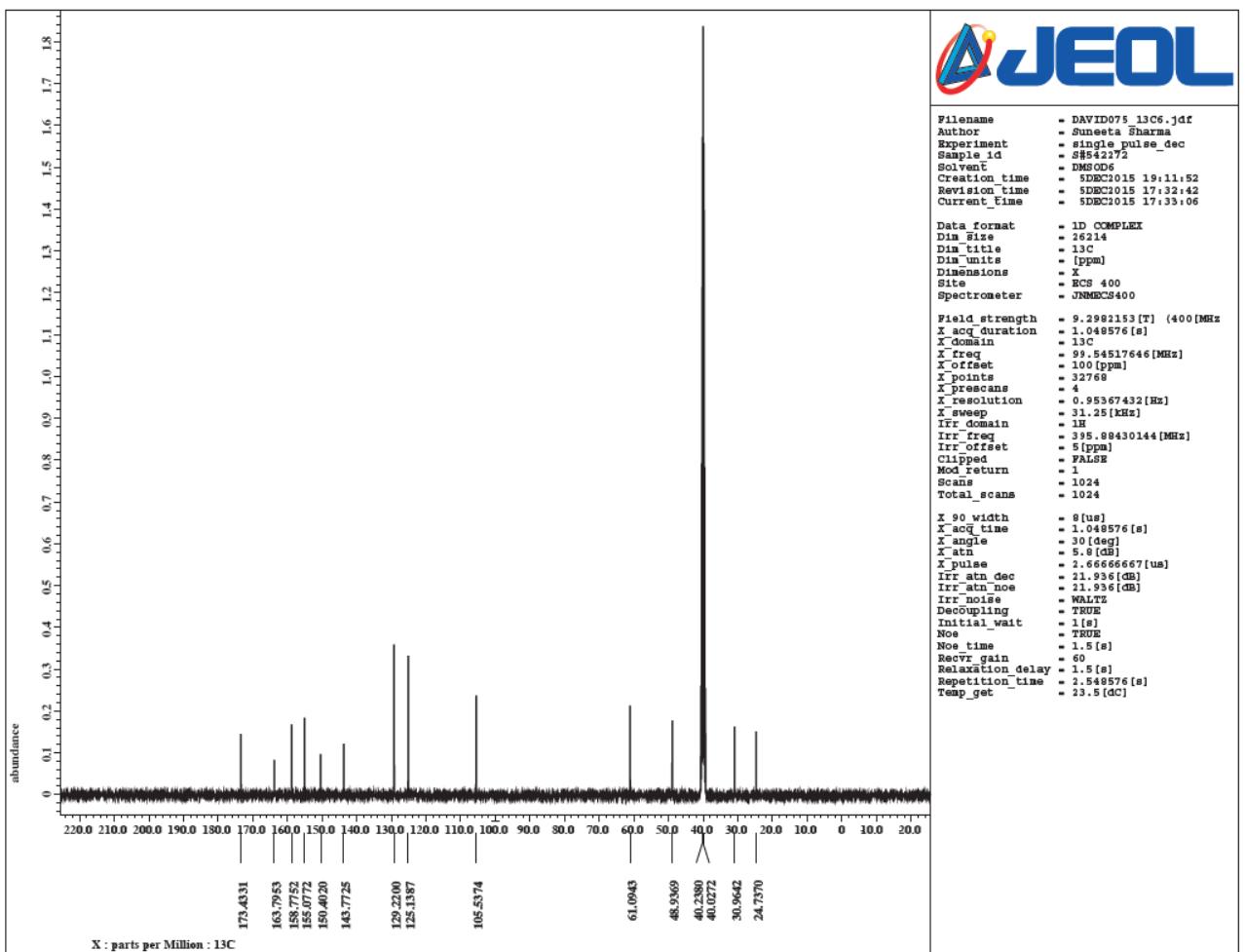


106
107

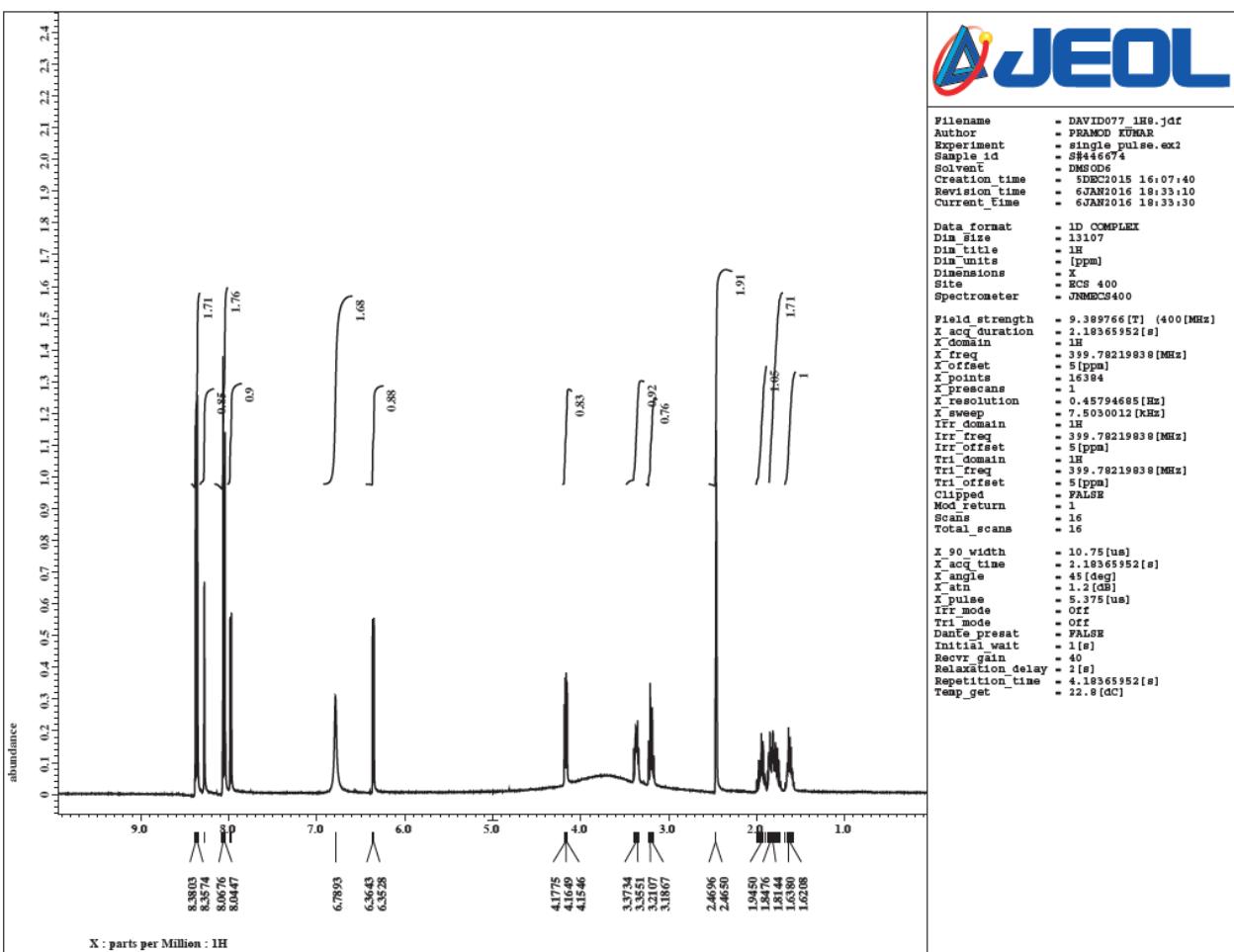
108 Fig. S-49 ¹³C NMR spectrum of compound 27l



109
110 Fig. S-50 mass spectrum of compound **27l**



111
112 Fig. S-51 ^{13}C NMR spectrum of compound **27m**



113
114

Fig. S-52 ¹H NMR spectrum of compound 27m

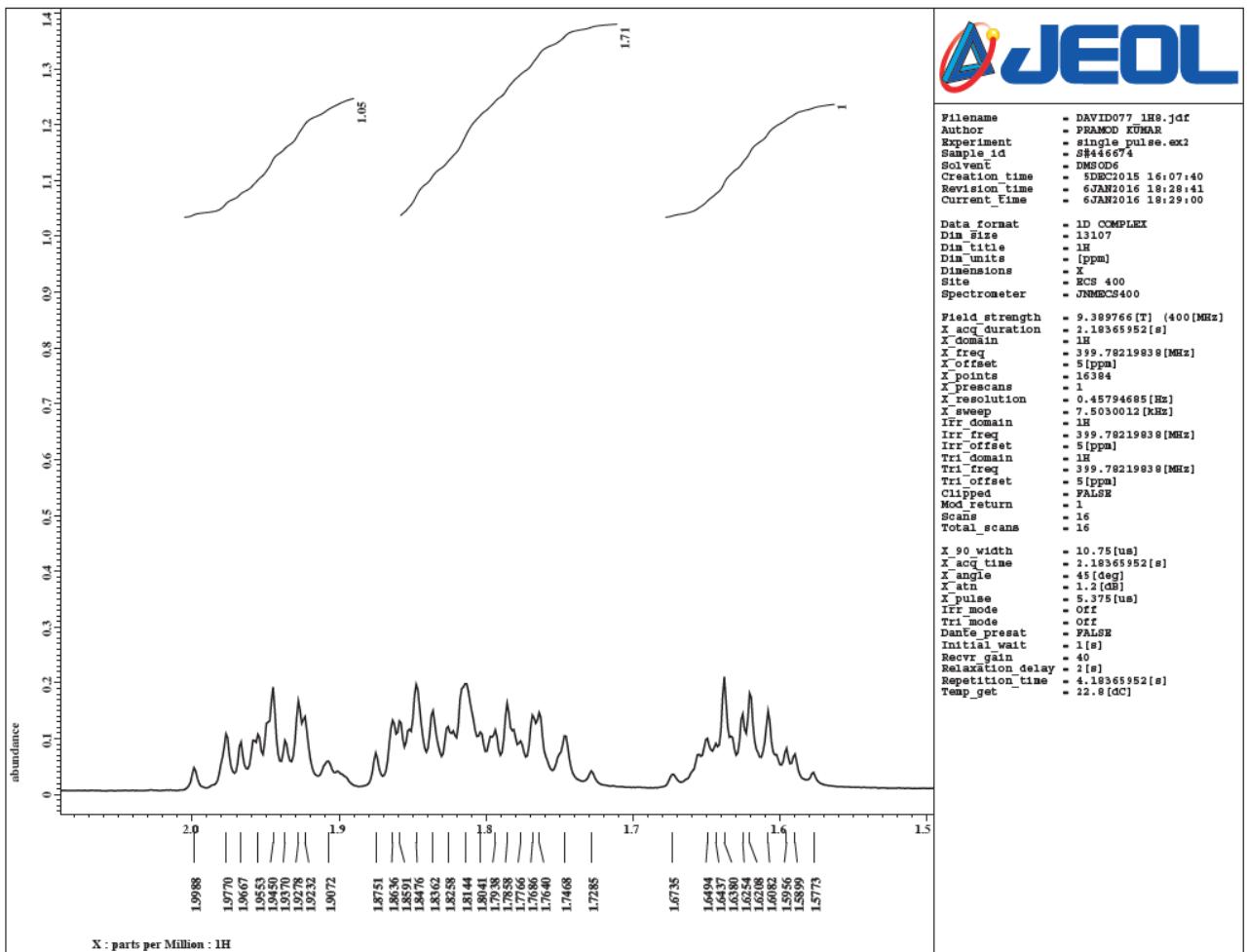
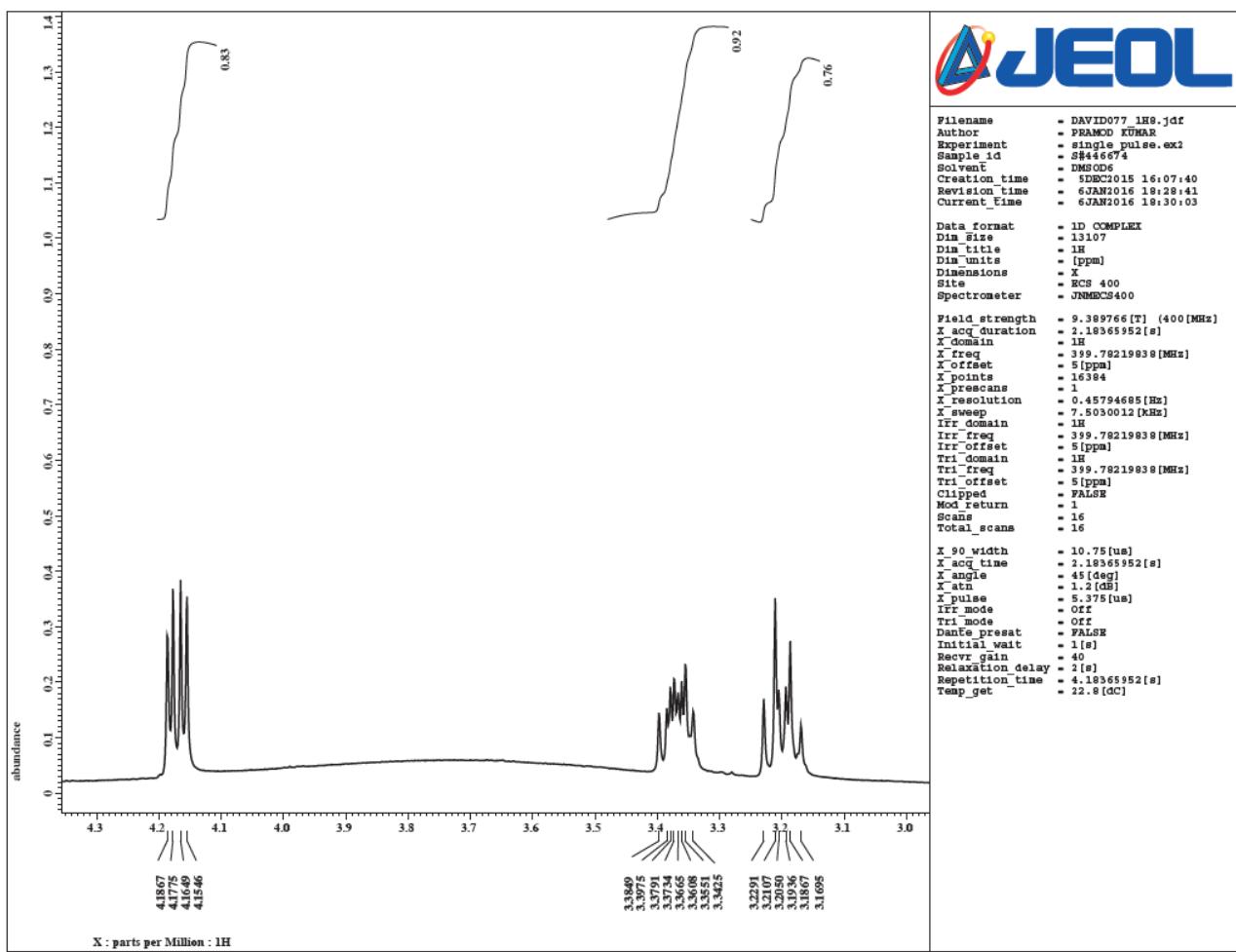
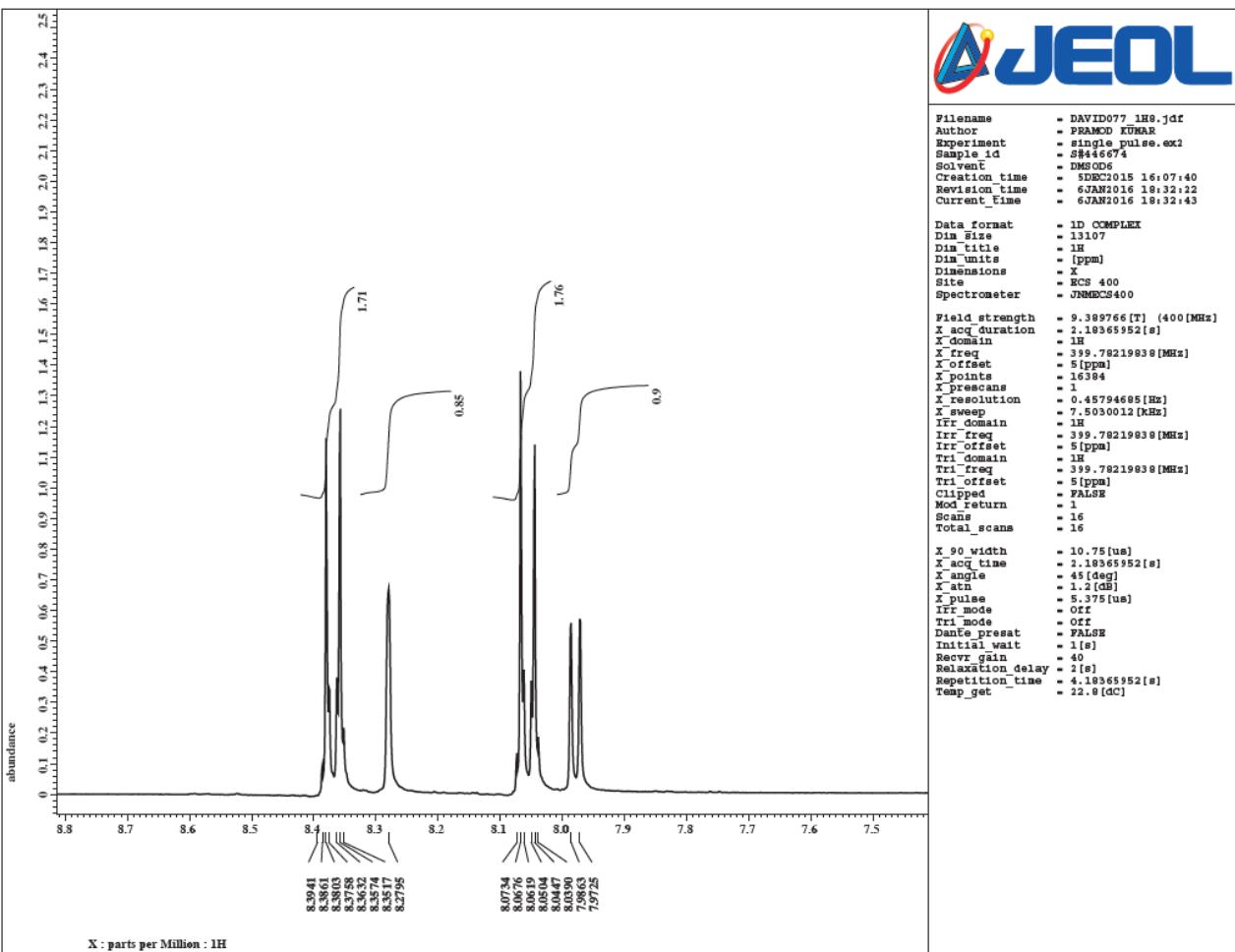


Fig. S-53 ^1H NMR spectrum of compound **27m** (expansion)



117
118

Fig. S-54 ^1H NMR spectrum of compound **27m** (expansion)



119
120 Fig. S-55 ^1H NMR spectrum of compound 27m (expansion)
121

Electrospray ionisation -MS

WATERS Q-TOF Premier-HAB213

07-Dec-2015

16:52:06

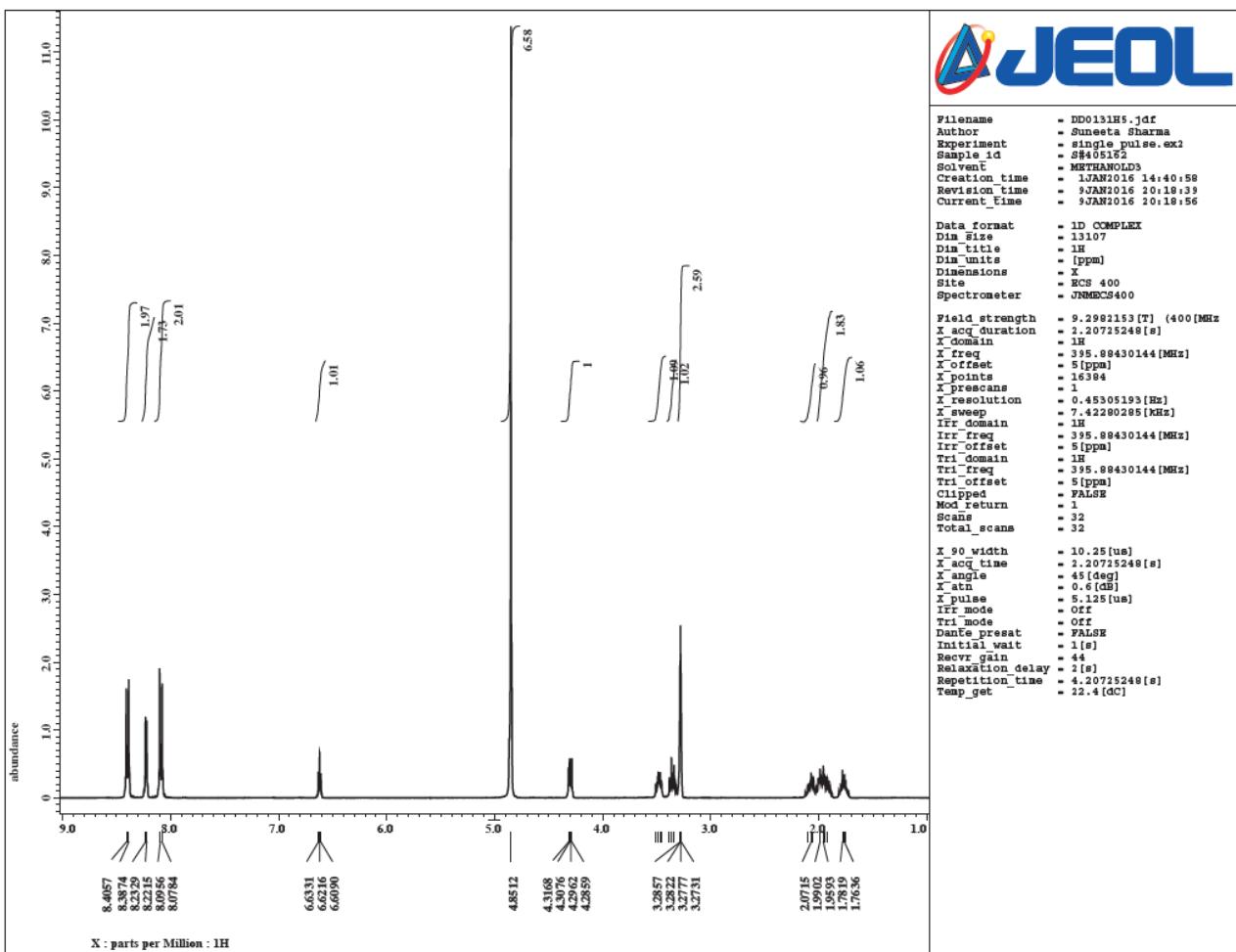
David 072 17 (0.426) AM (Cen,4, 100.00, Ar,8500.0,556.28,1.00,LS 10); Sm (SG, 2x5.00); Sb (10,1.00); Cm (17:22-1:3)
340.1163

1: TOF MS ES+
5.20e3

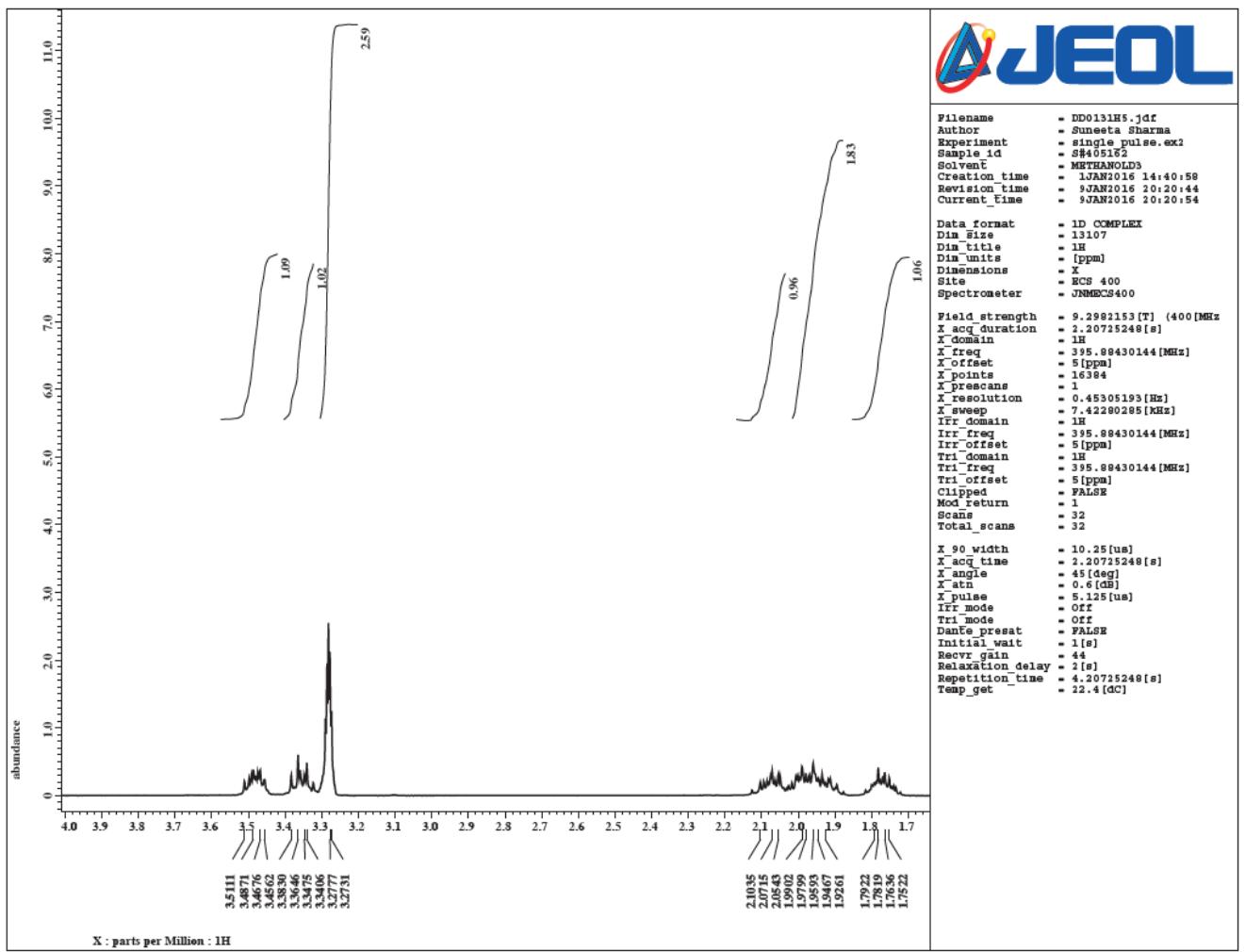


122
123

Fig. S-56 mass spectrum of compound 27m

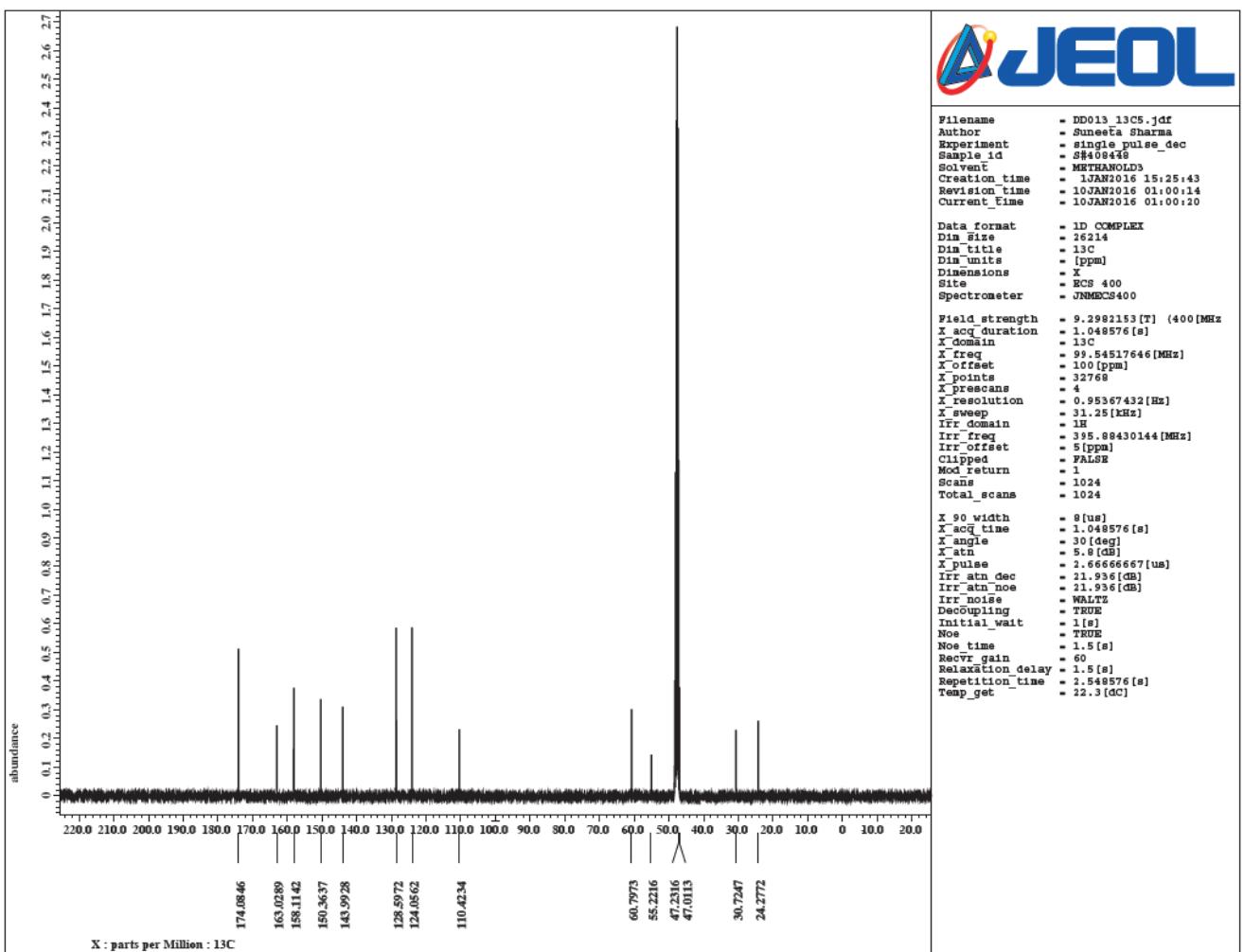


124
125 Fig. S-57 ¹H NMR spectrum of compound 27n



126
127

Fig. S-58 ^1H NMR spectrum of compound **27n** (expansion)



128
129

Fig. S-59 ^{13}C NMR spectrum of compound **27n**

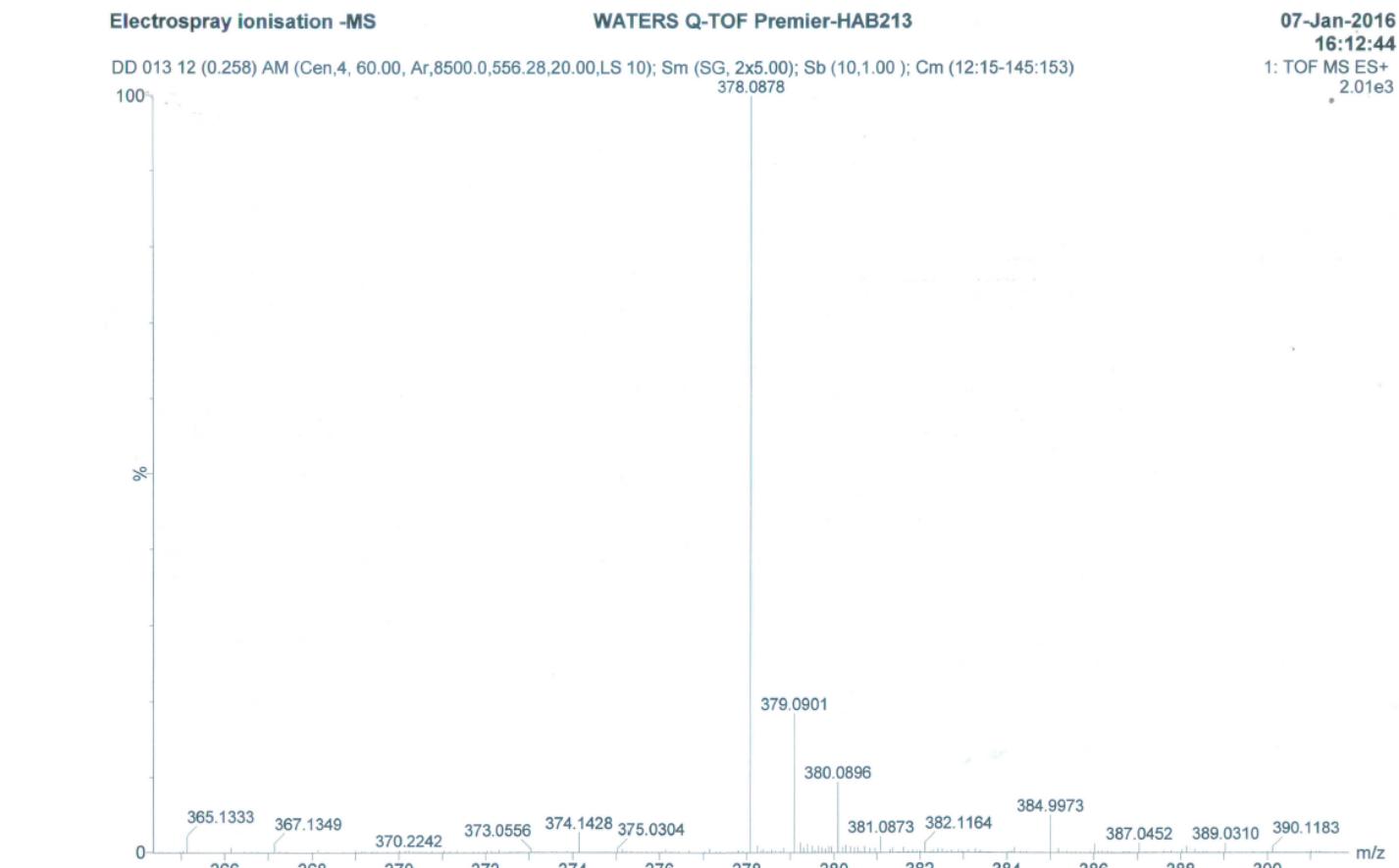
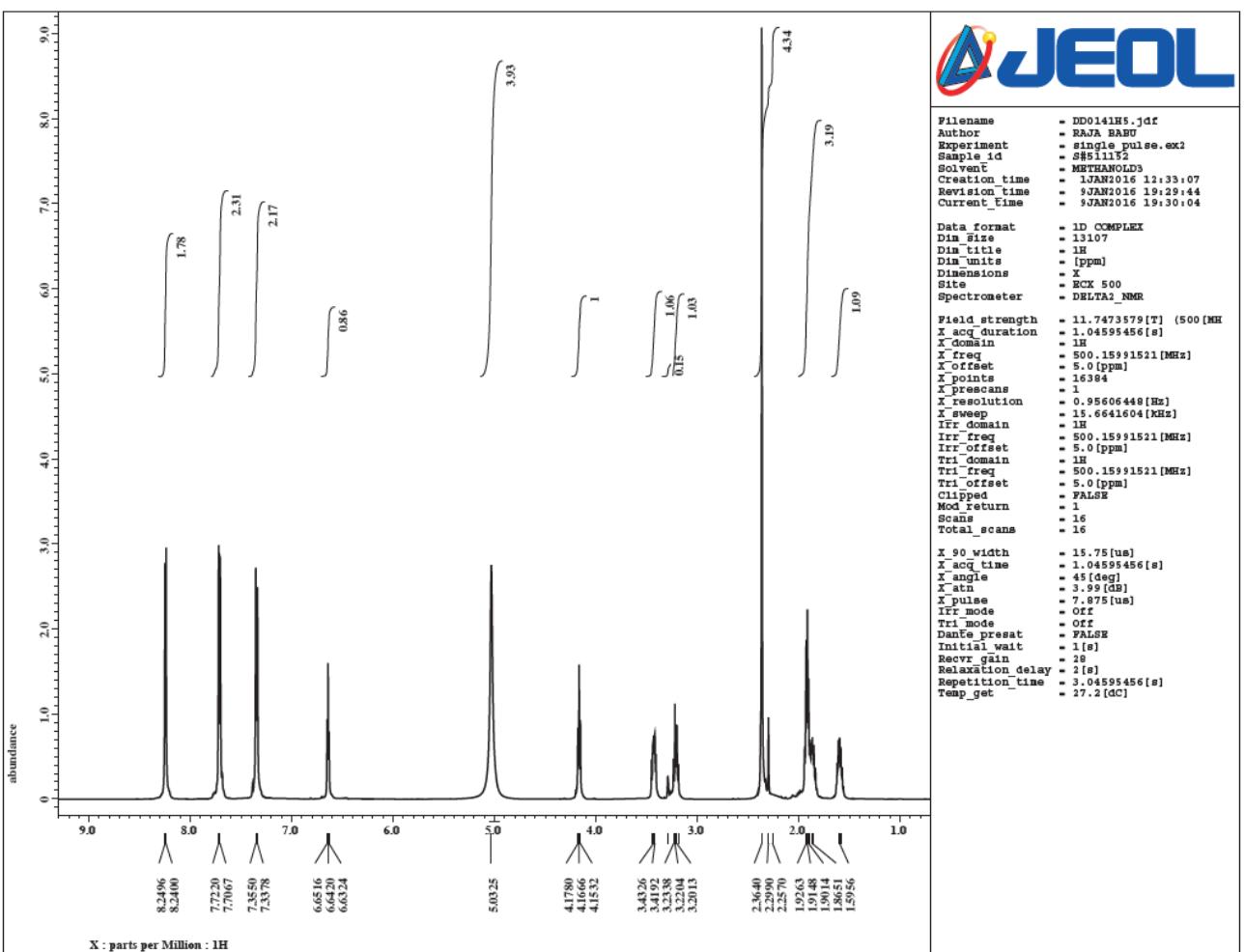
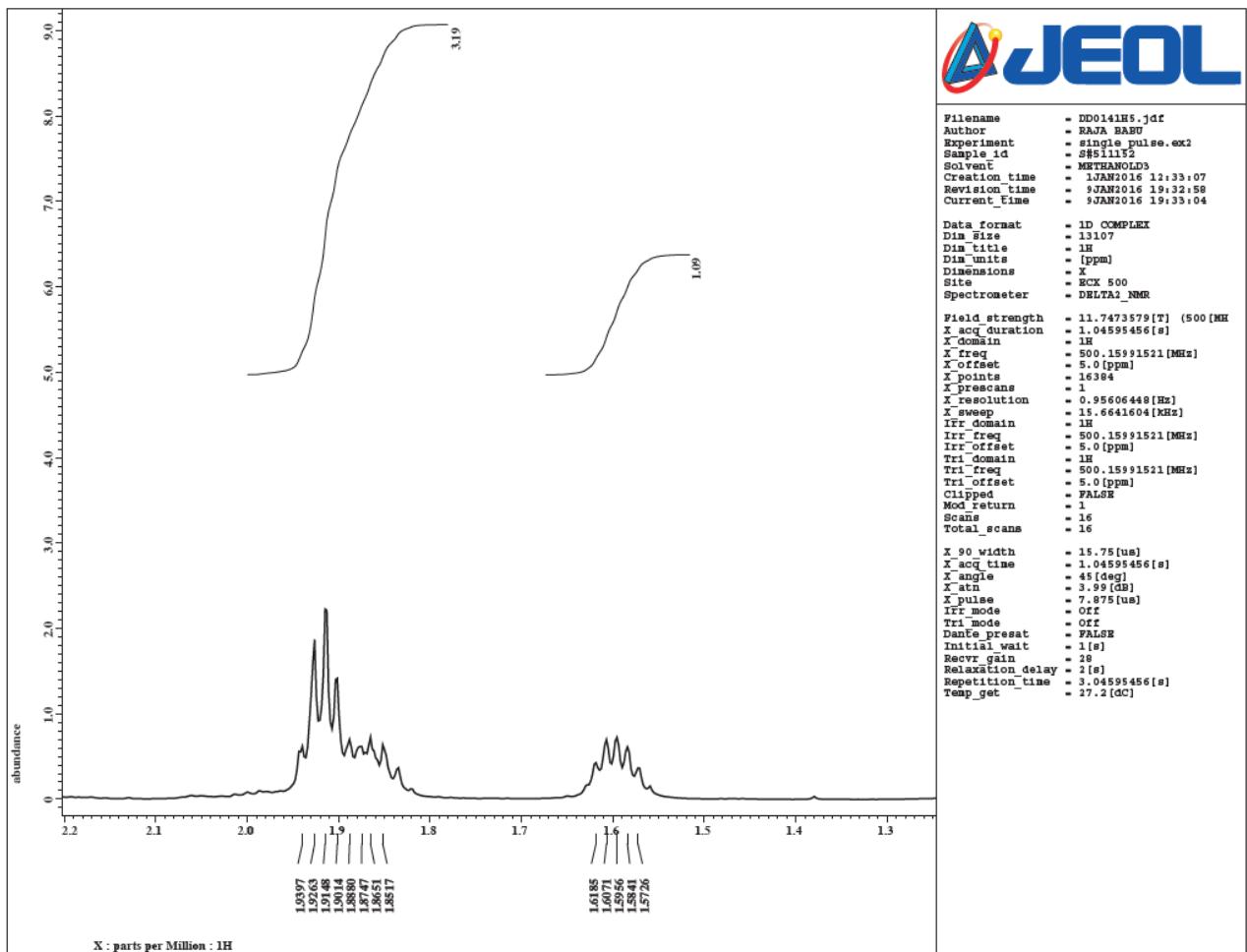


Fig. S-60 mass spectrum of compound **27n**

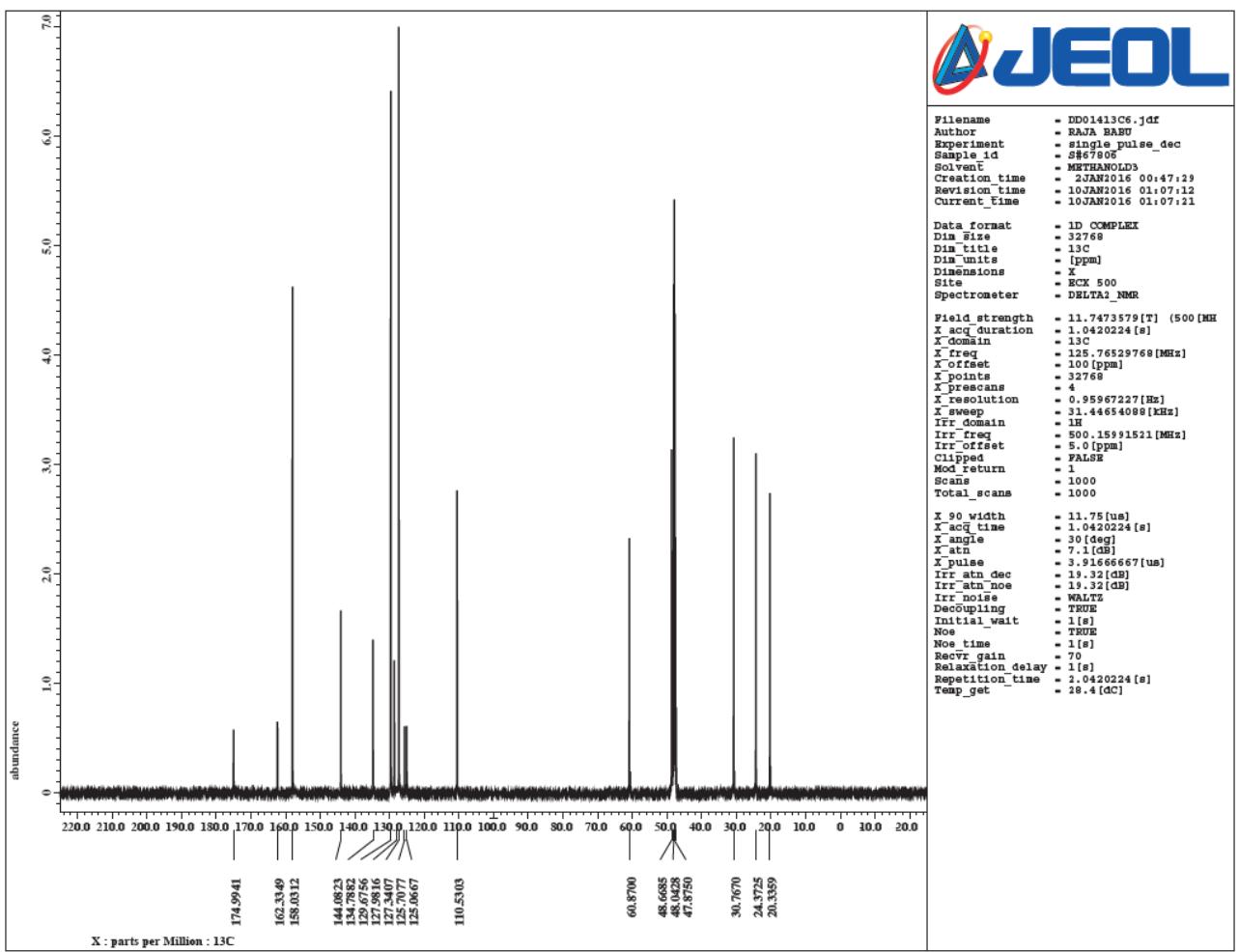


132
133 Fig. S-61 ^1H NMR spectrum of compound 27o



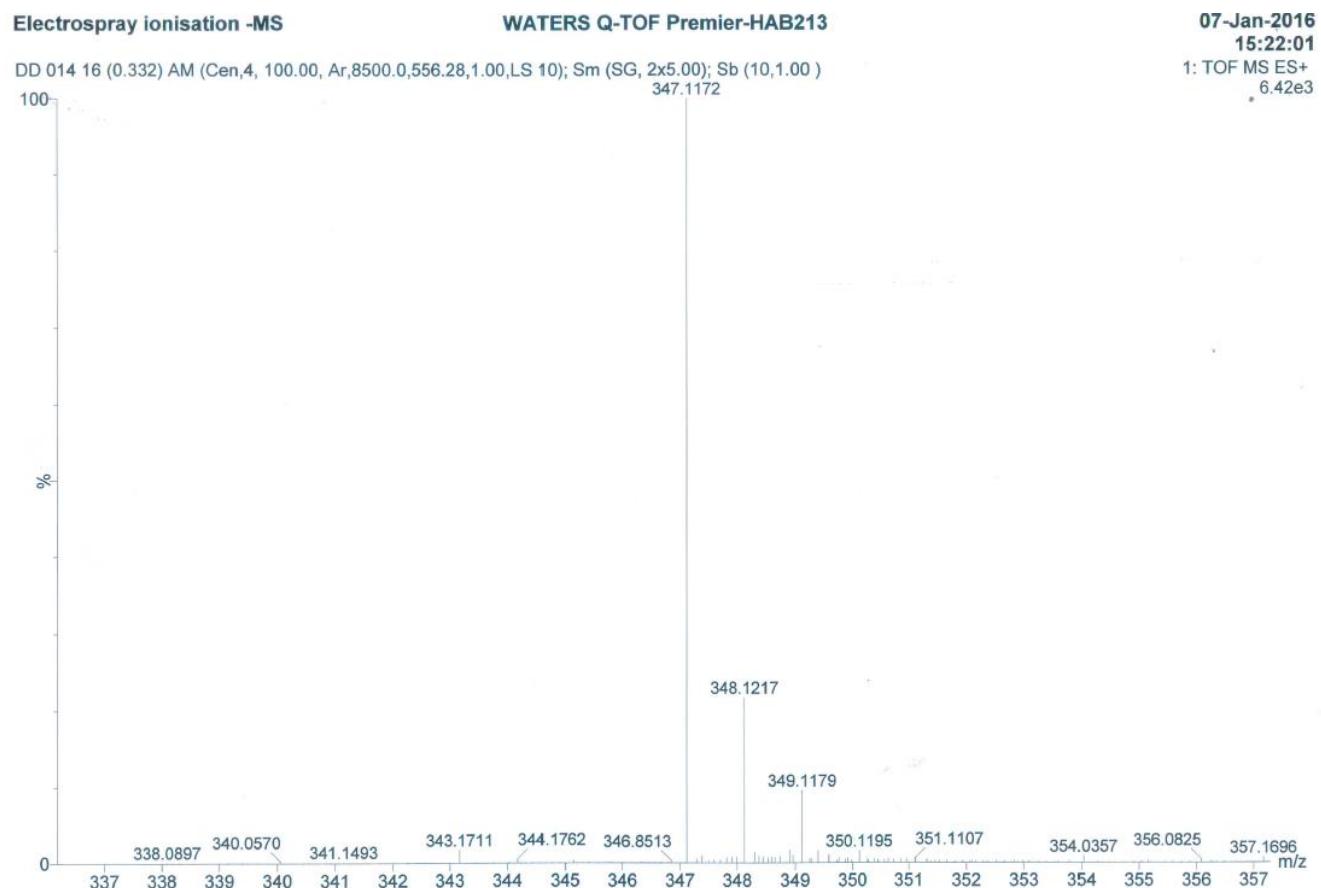
134
135

136 Fig. S-62 ^1H NMR spectrum of compound **27o** (expansion)



137
138
139

Fig. S-63 ¹³C NMR spectrum of compound 27o



140
141 Fig. S-64 mass spectrum of compound **27o**
142

Electrospray ionisation -MS

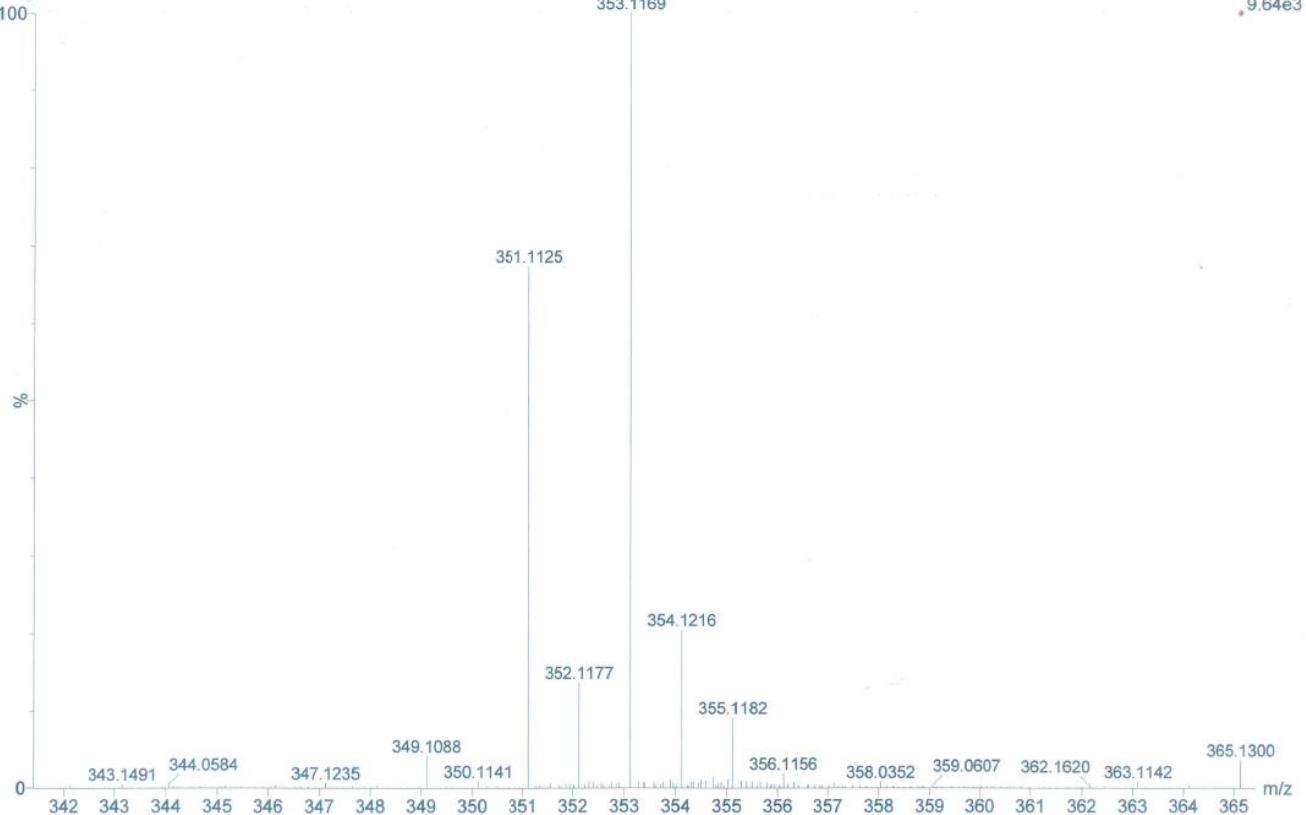
WATERS Q-TOF Premier-HAB213

14-Jan-2016

12:38:03

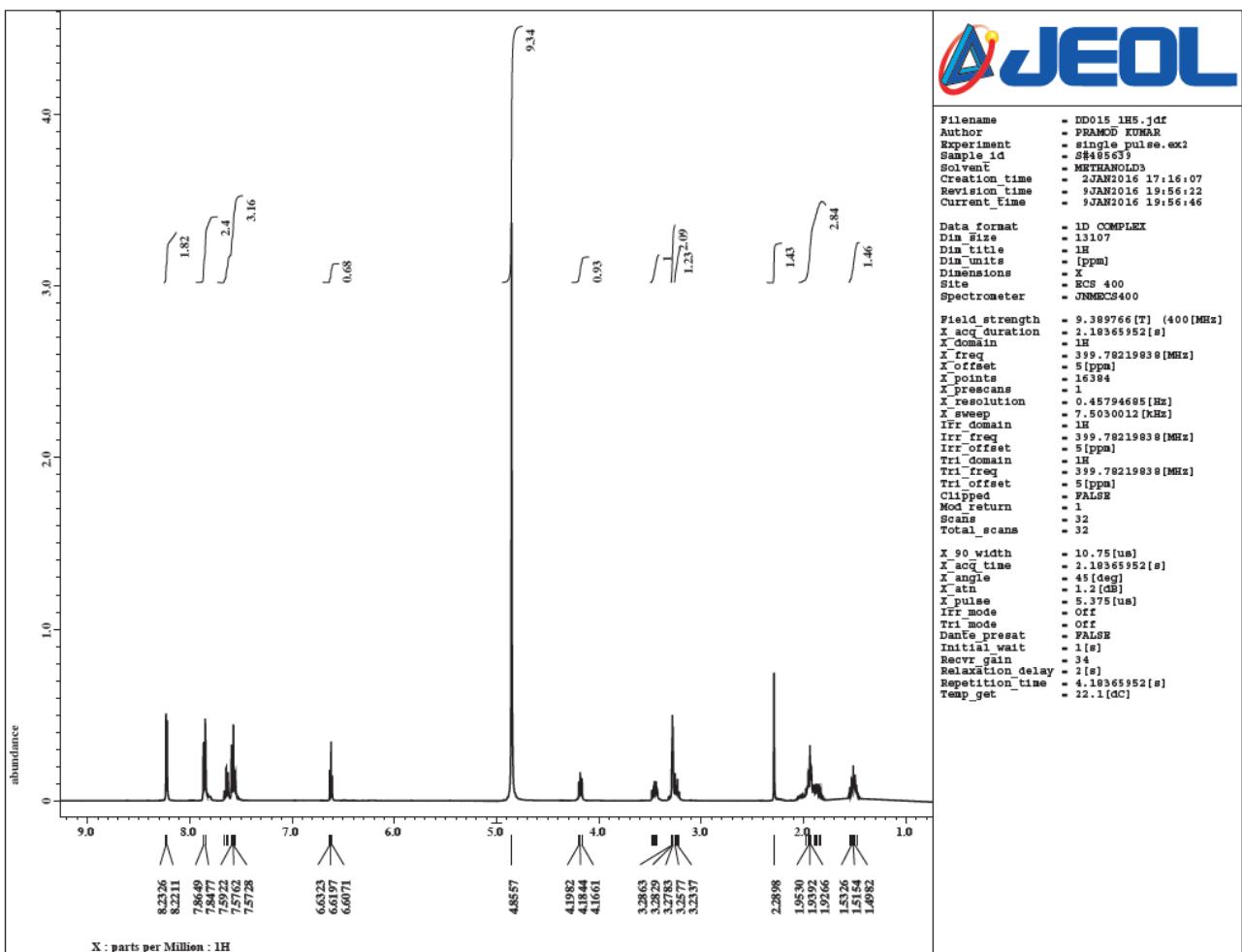
1: TOF MS ES+
9.64e3

DD-94 16 (0.333) AM (Cen,4, 100.00, Ar,8500.0,556.28,1.10,LS 10); Sm (SG, 2x5.00); Sb (10,1.00)
353.1169



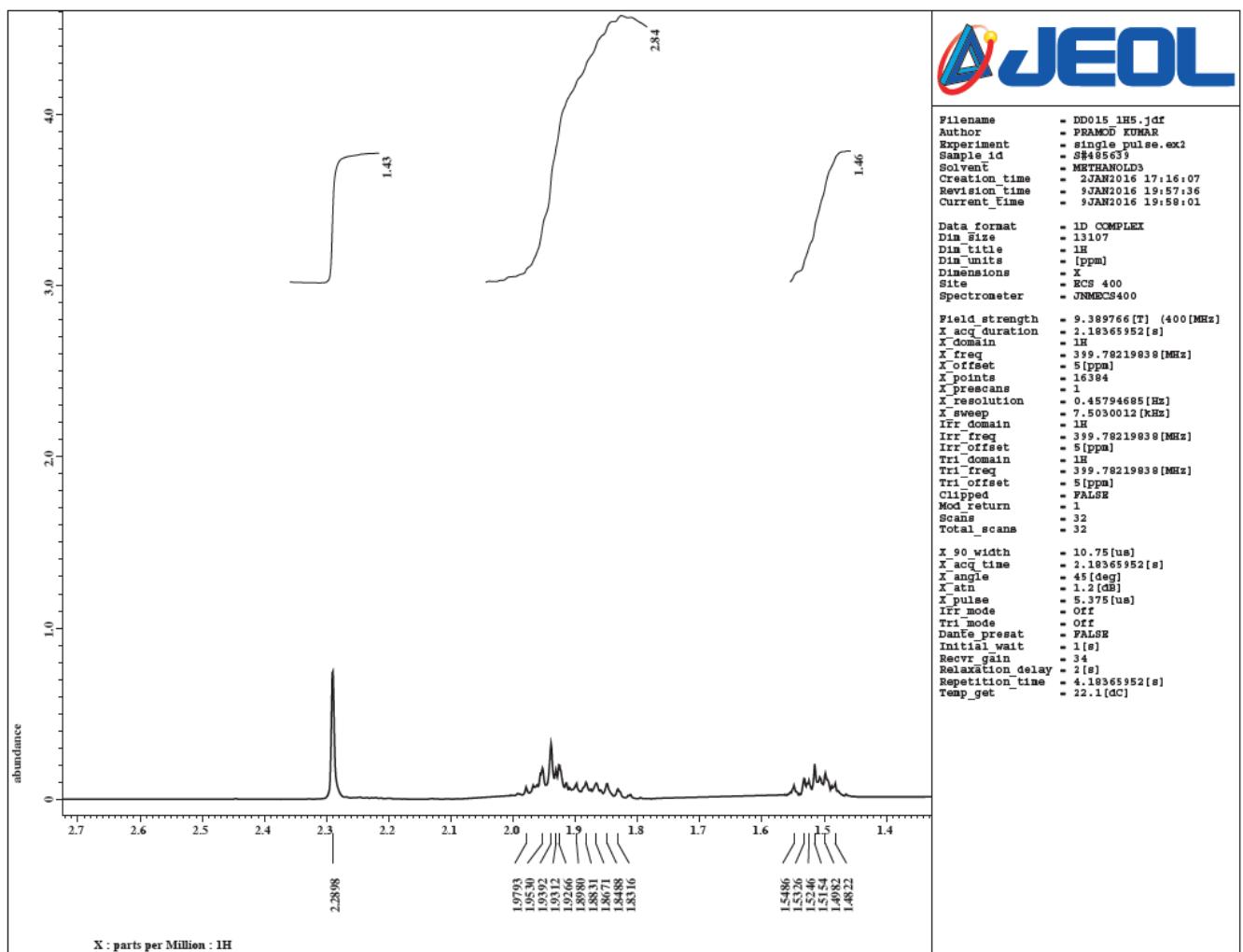
143
144
145

Fig. S-65 mass spectrum of compound 27p

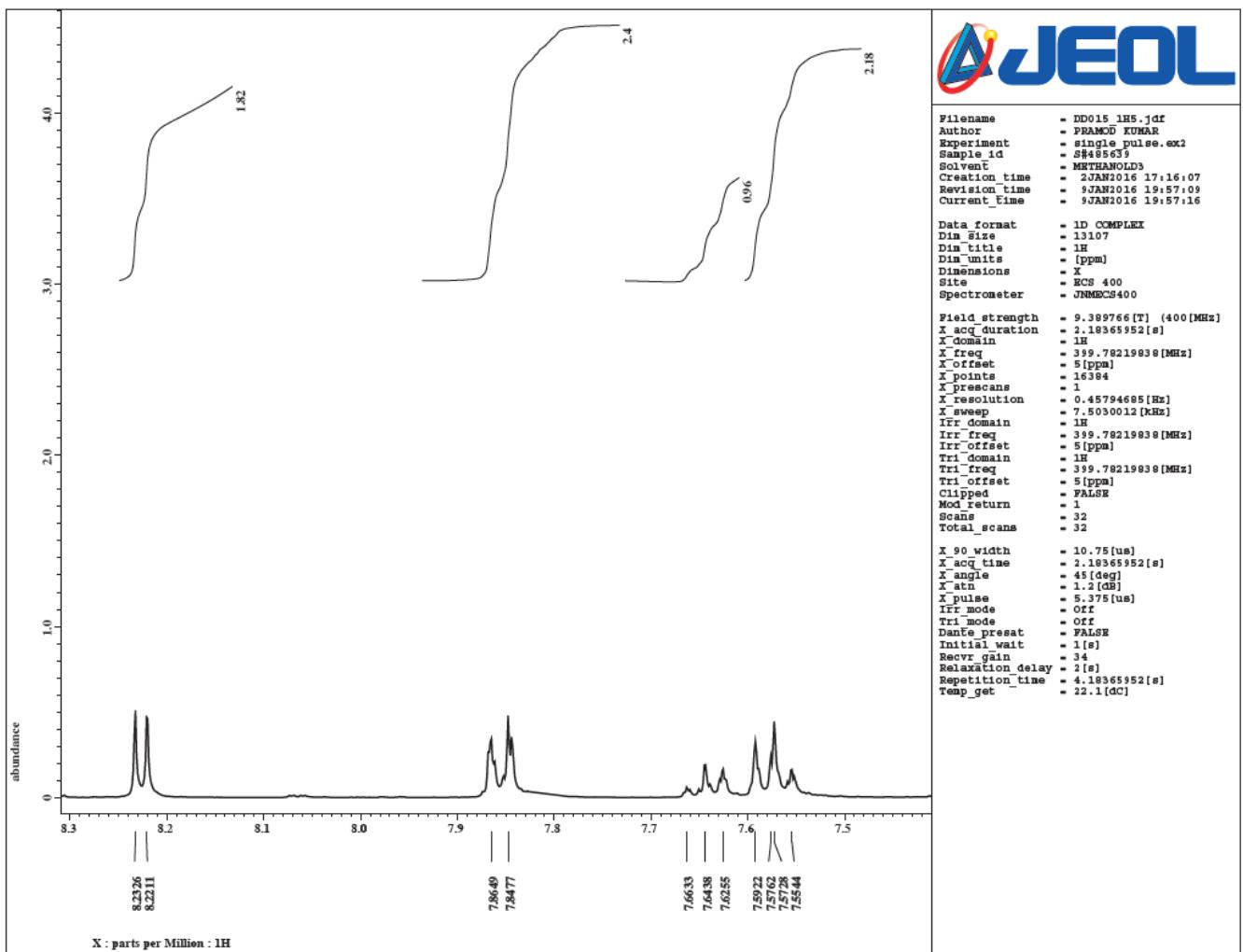


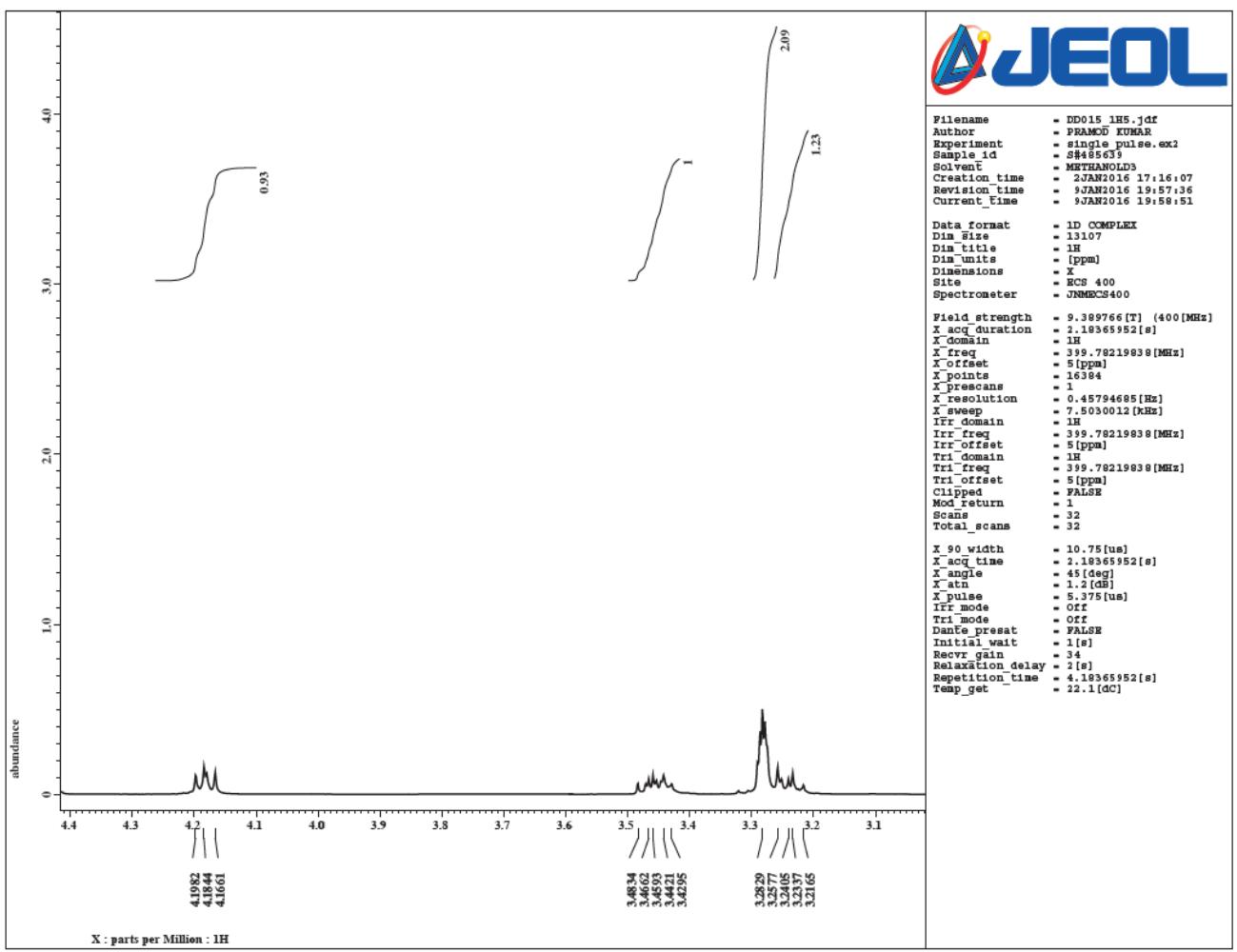
146
147

Fig. S-66 ^1H NMR spectrum of compound 27q



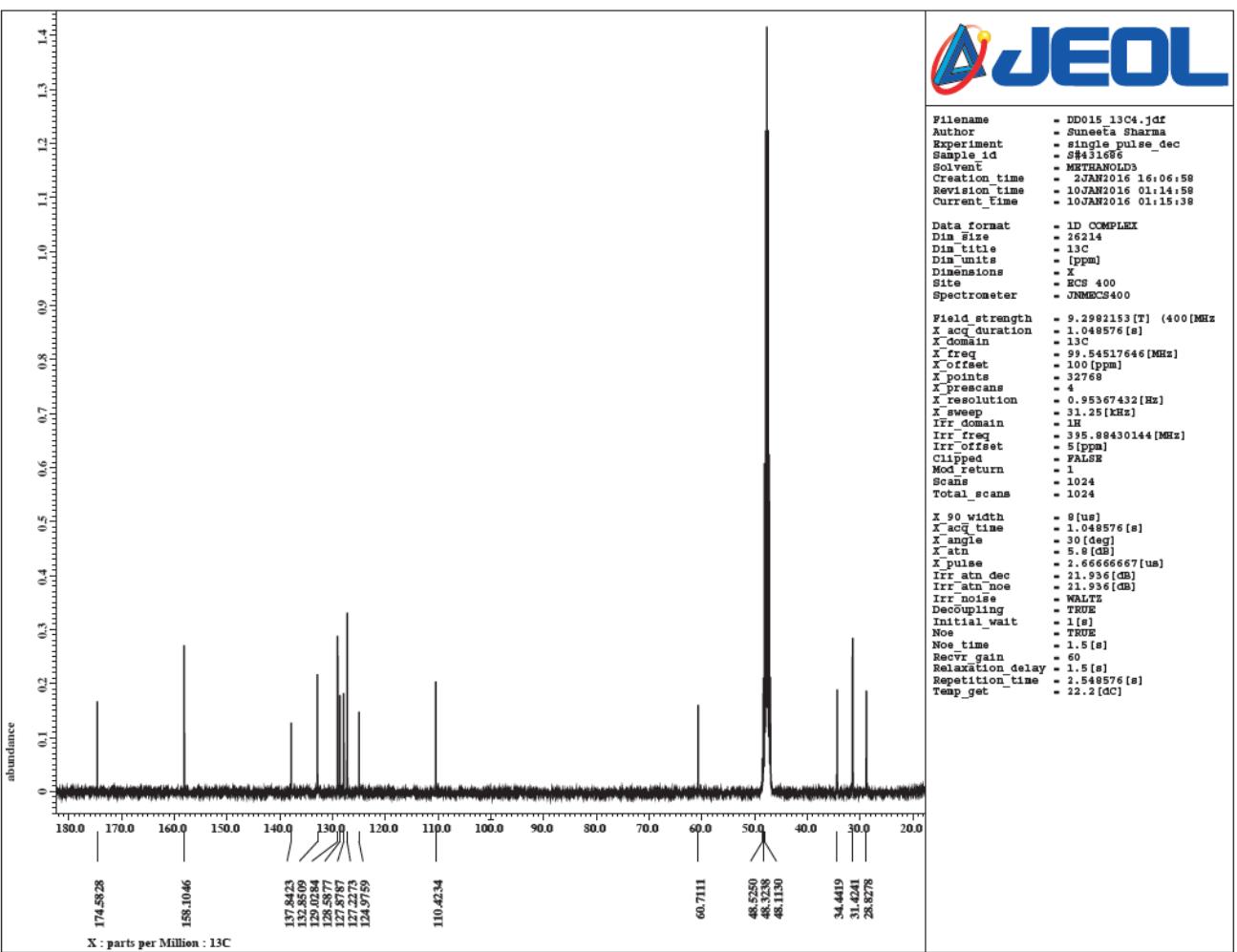
148
149 Fig. S-67 ^1H NMR spectrum of compound 27q (expansion)





152
153

Fig. S-69 ^1H NMR spectrum of compound 27q (expansion)



154
155

Fig. S-70 ^{13}C NMR spectrum of compound 27q

Electrospray ionisation -MS

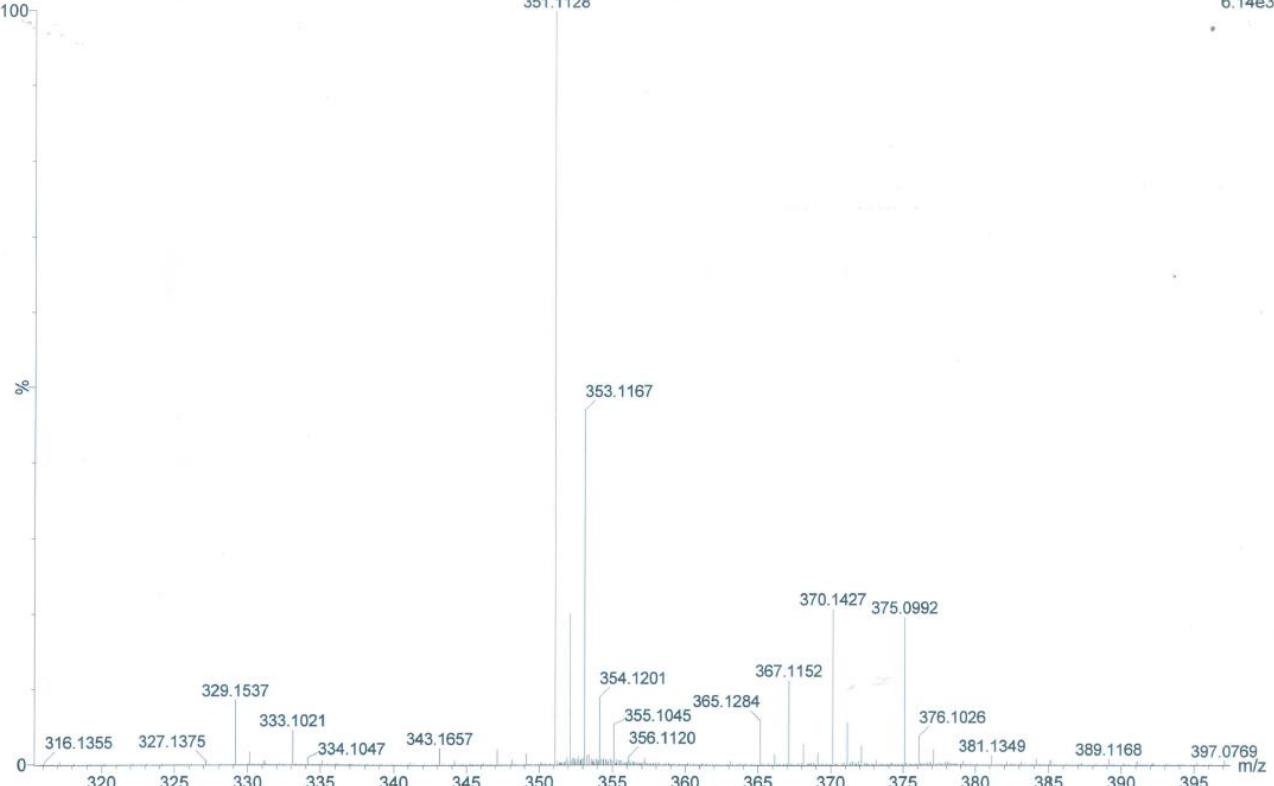
WATERS Q-TOF Premier-HAB213

08-Jan-2016

12:16:36

1: TOF MS ES+
6.14e3

DD 015+ 8 (0.166) AM (Cen,4, 100.00, Ar,8500.0,556.28,1.00,LS 10); Sm (SG, 2x5.00); Sb (10,1.00)
351.1128



156
157 Fig. S-71 mass spectrum of compound 27q
158