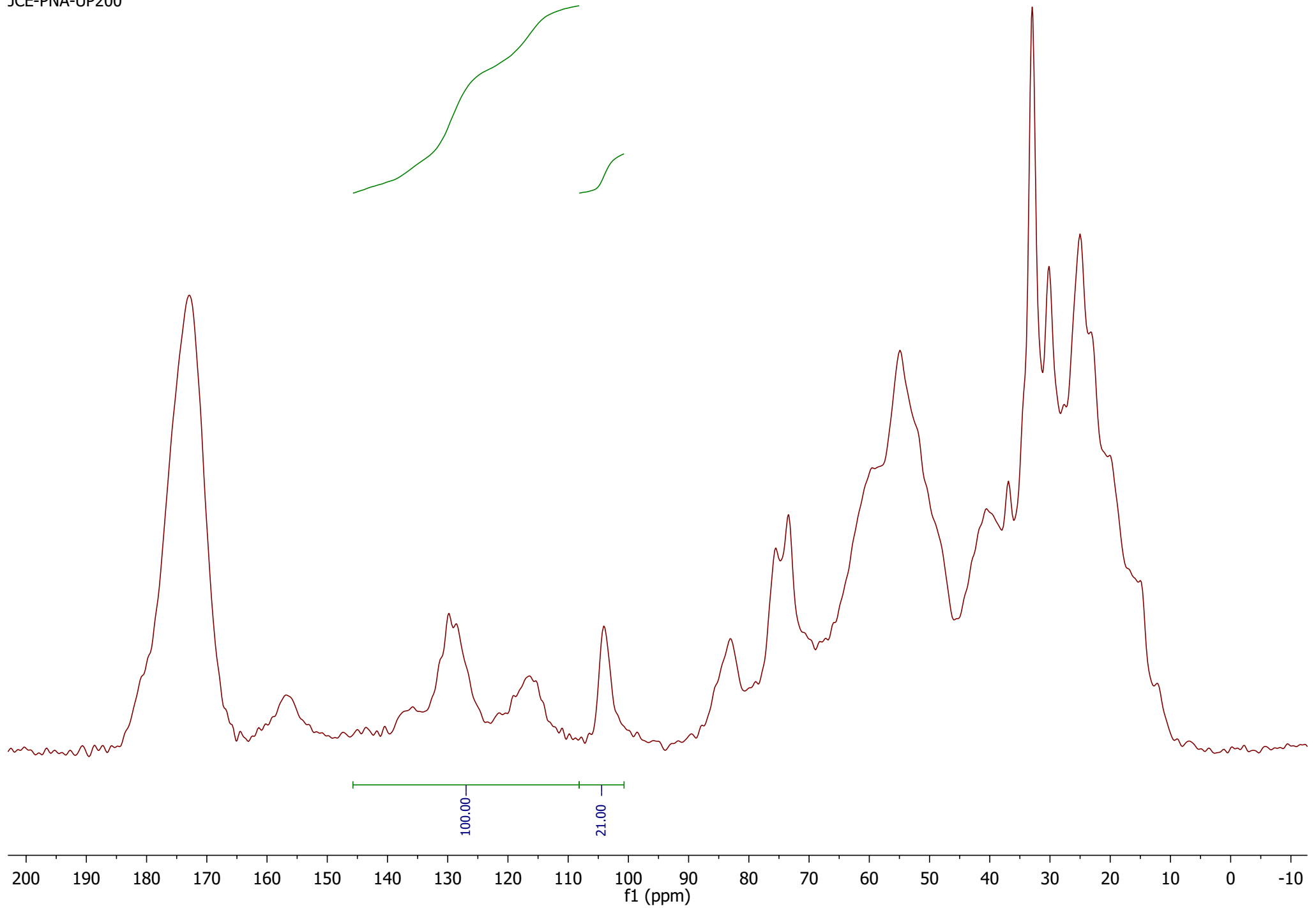
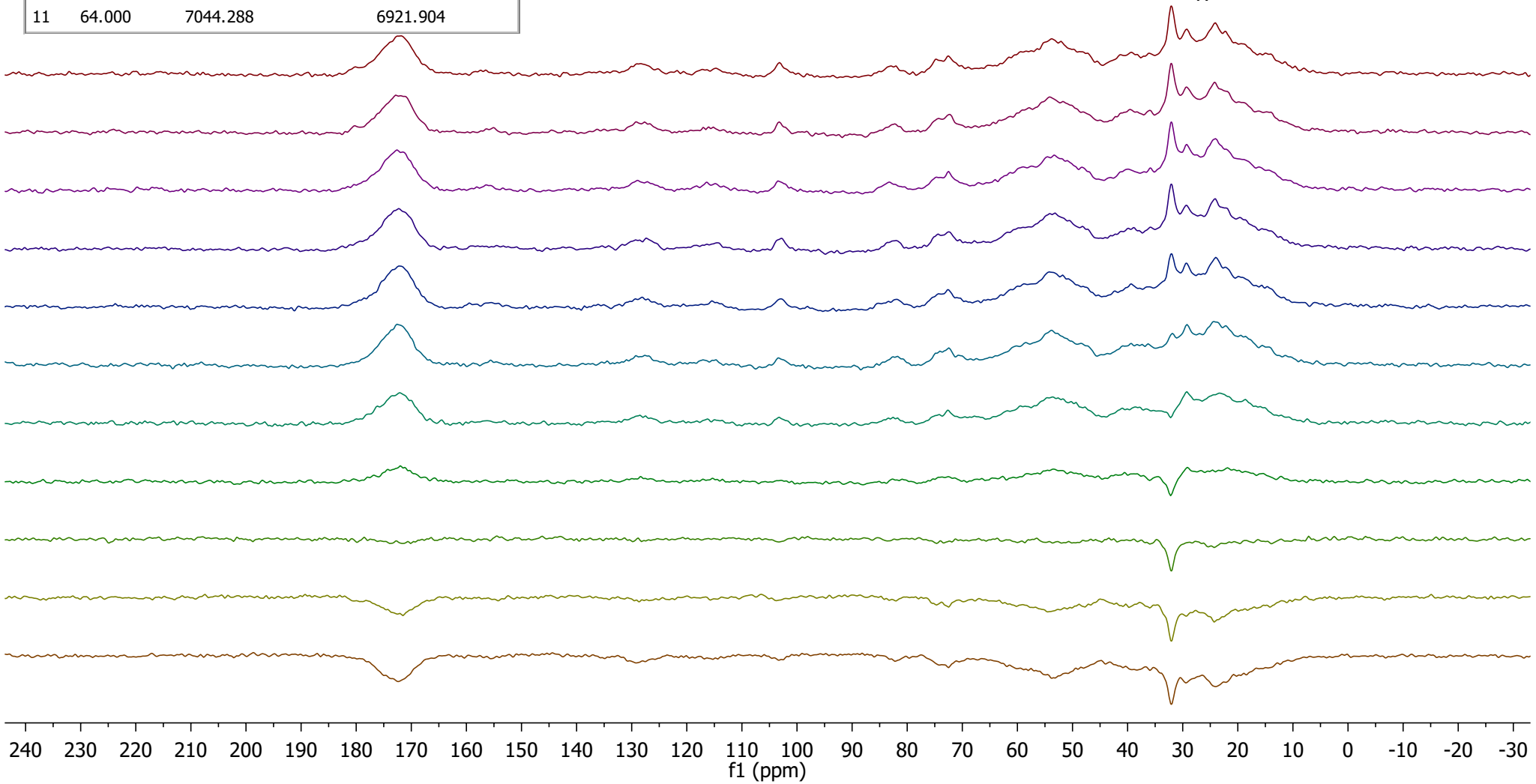
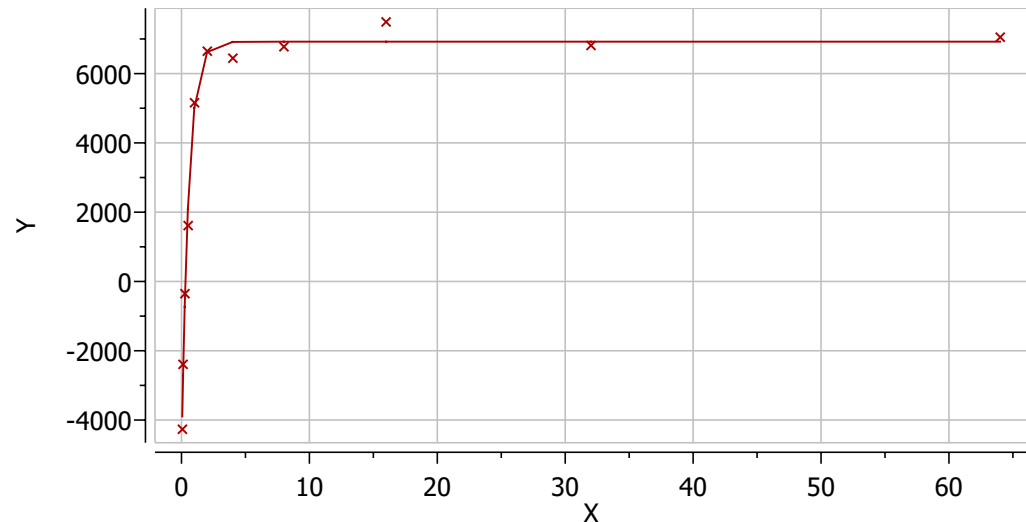
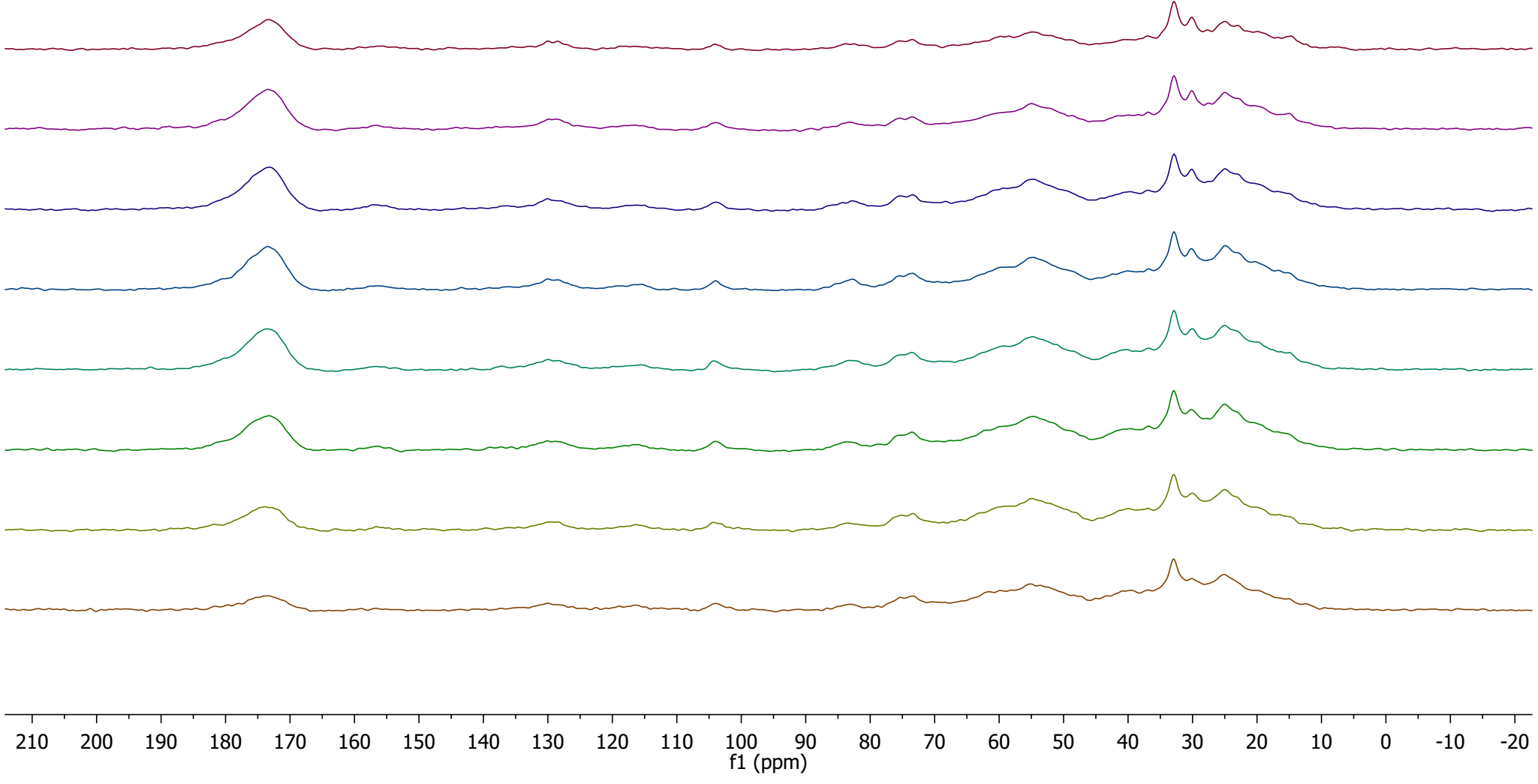
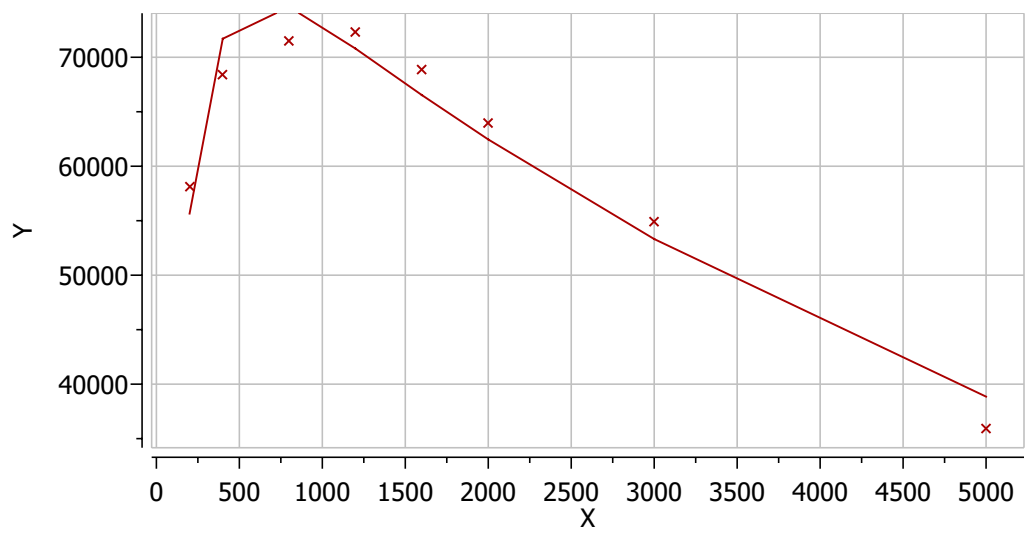


TitanBio-001-C-CP  
InvigaRoot 11-2-16  
1H-13C VACP-MAS NMR  
JCE-PNA-UP200

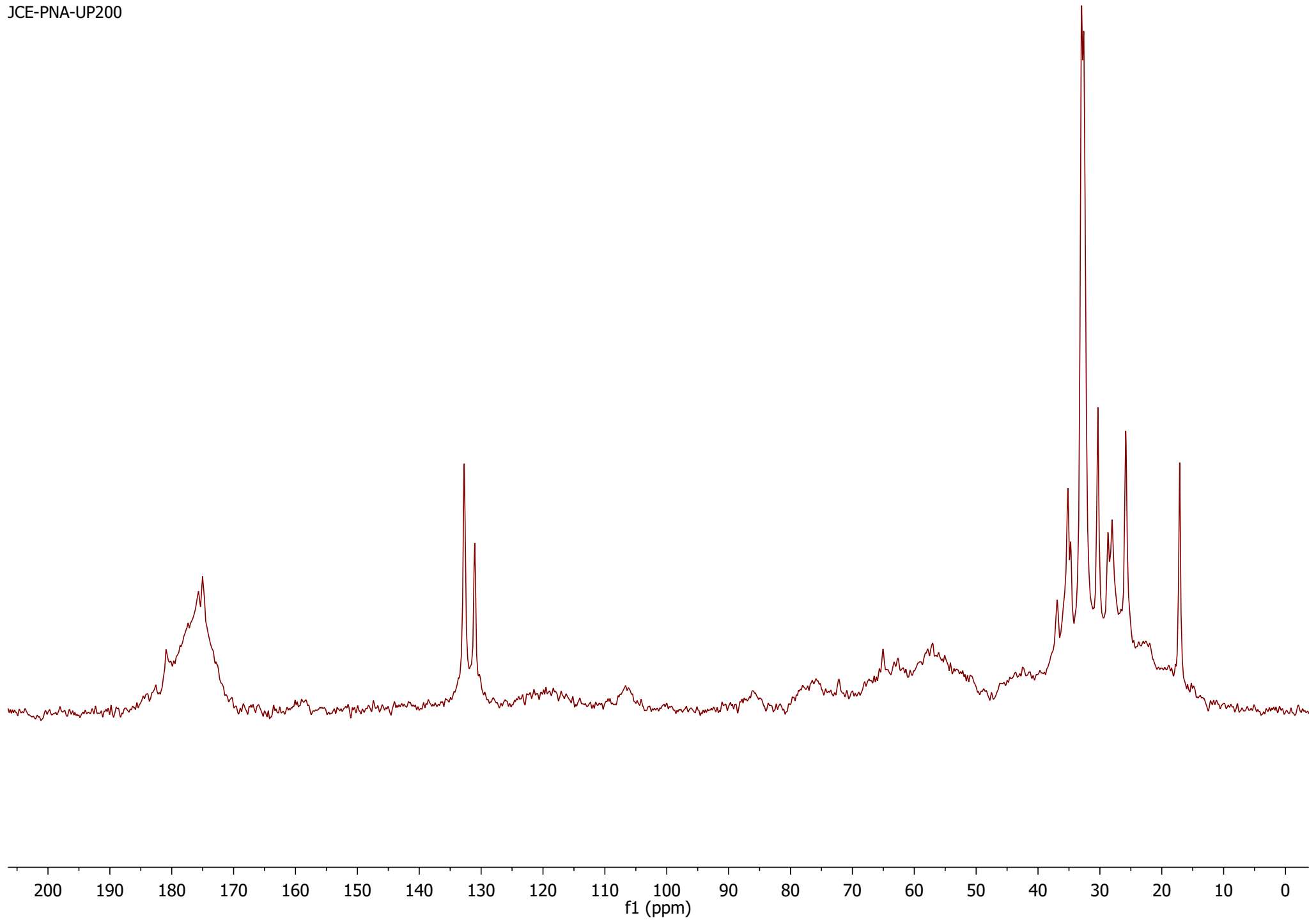


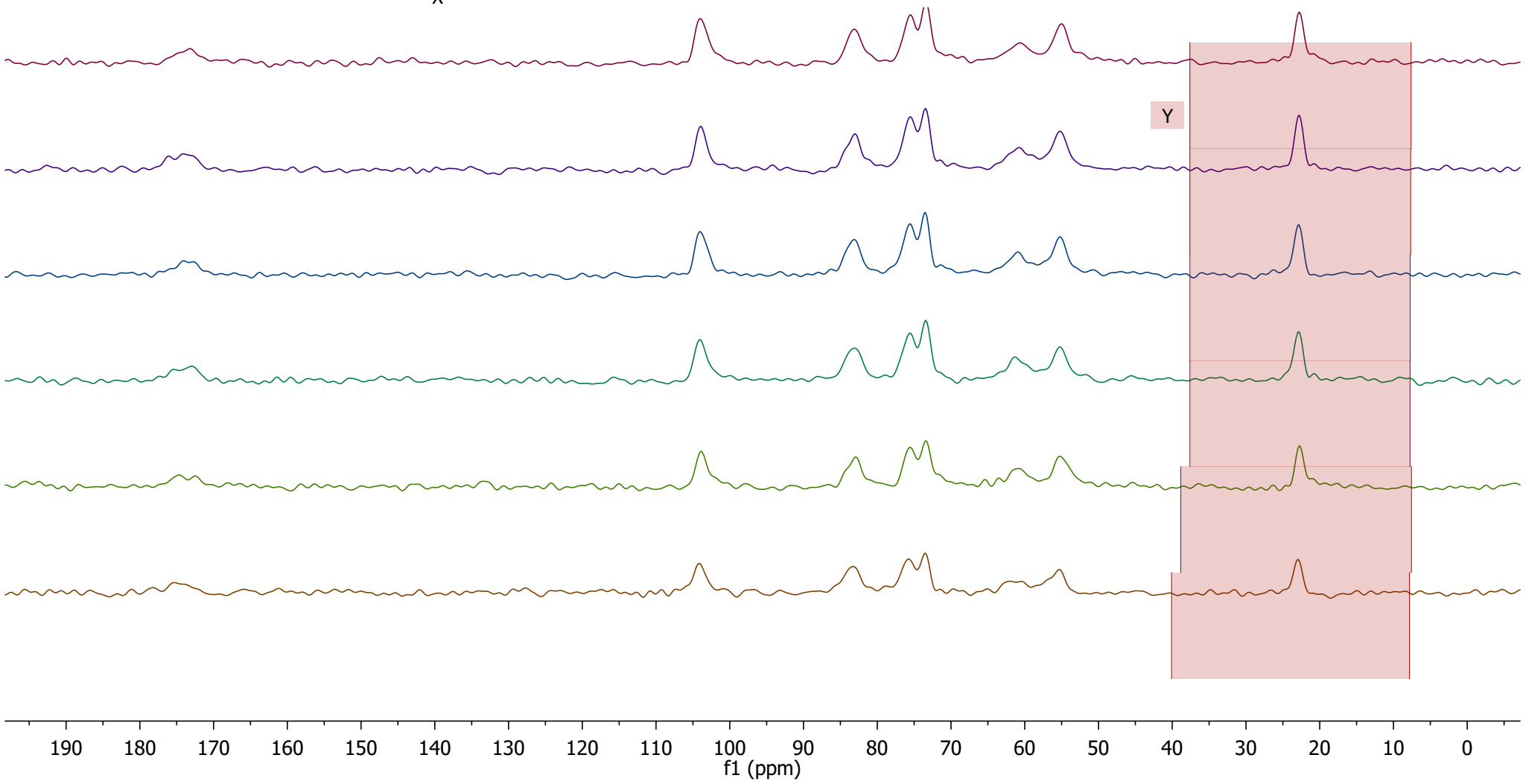
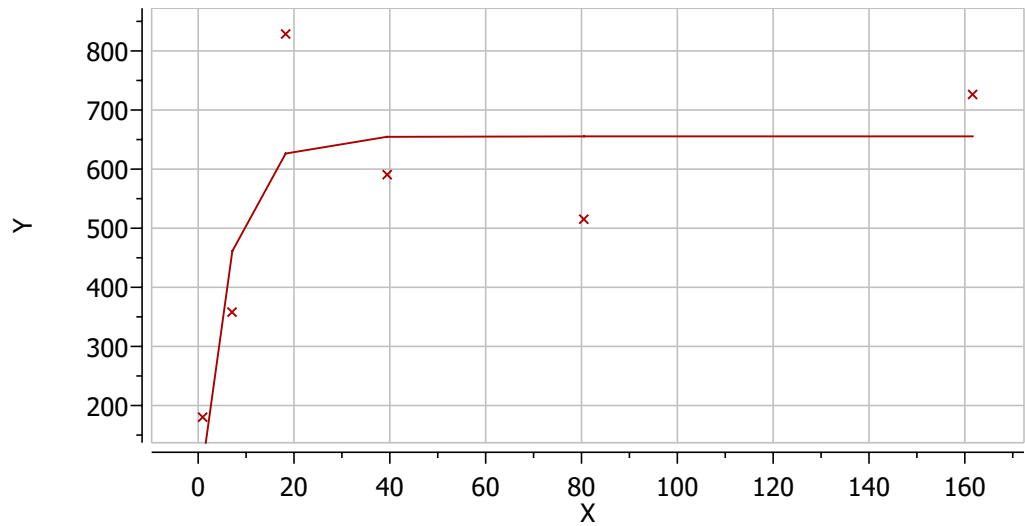
#	X(I)	Y(X)	Y'(X)
Model ARR_DATA(I) Integral(142.915,43.983) A*(1-B*exp(-x/C))			
A= 6921.9			
B= 1.75319			
C= 0.542071			
1	0.062	-4263.112	-3891.955
2	0.125	-2386.527	-2714.326
3	0.250	-351.139	-729.833
4	0.500	1609.997	2097.253
5	1.000	5161.168	5003.776
6	2.000	6651.023	6618.724
7	4.000	6436.928	6914.330
8	8.000	6783.672	6921.899
9	16.000	7495.005	6921.904
10	32.000	6804.278	6921.904
11	64.000	7044.288	6921.904

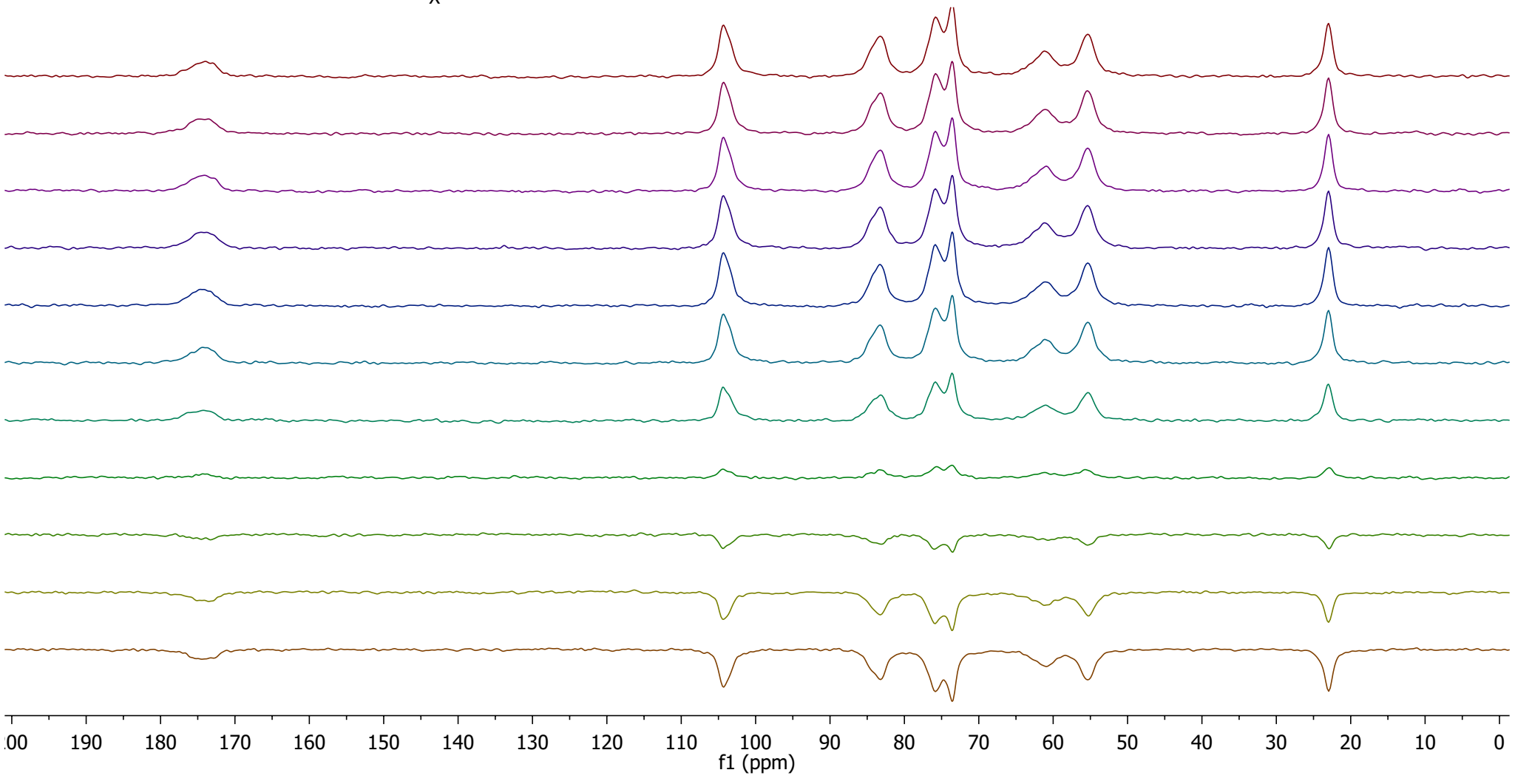
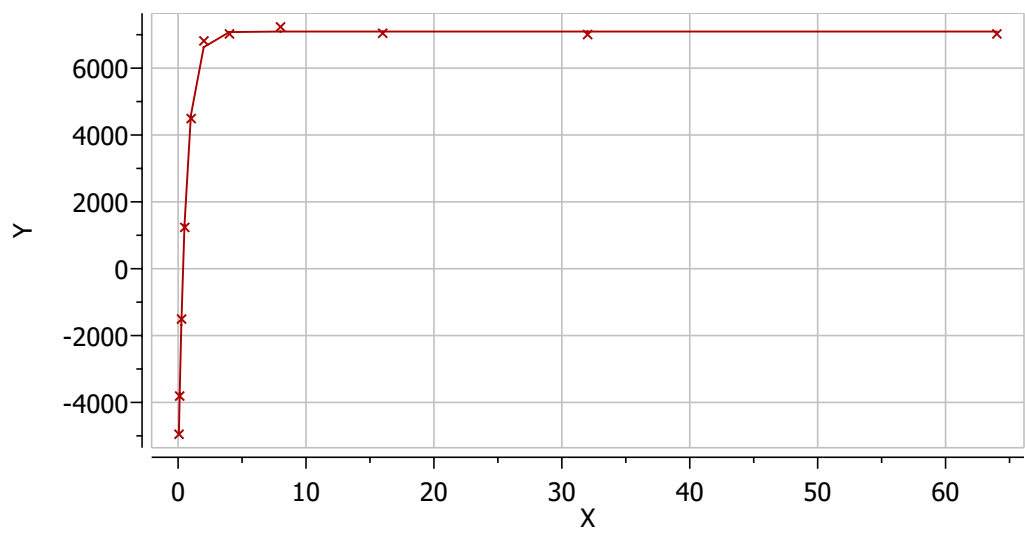




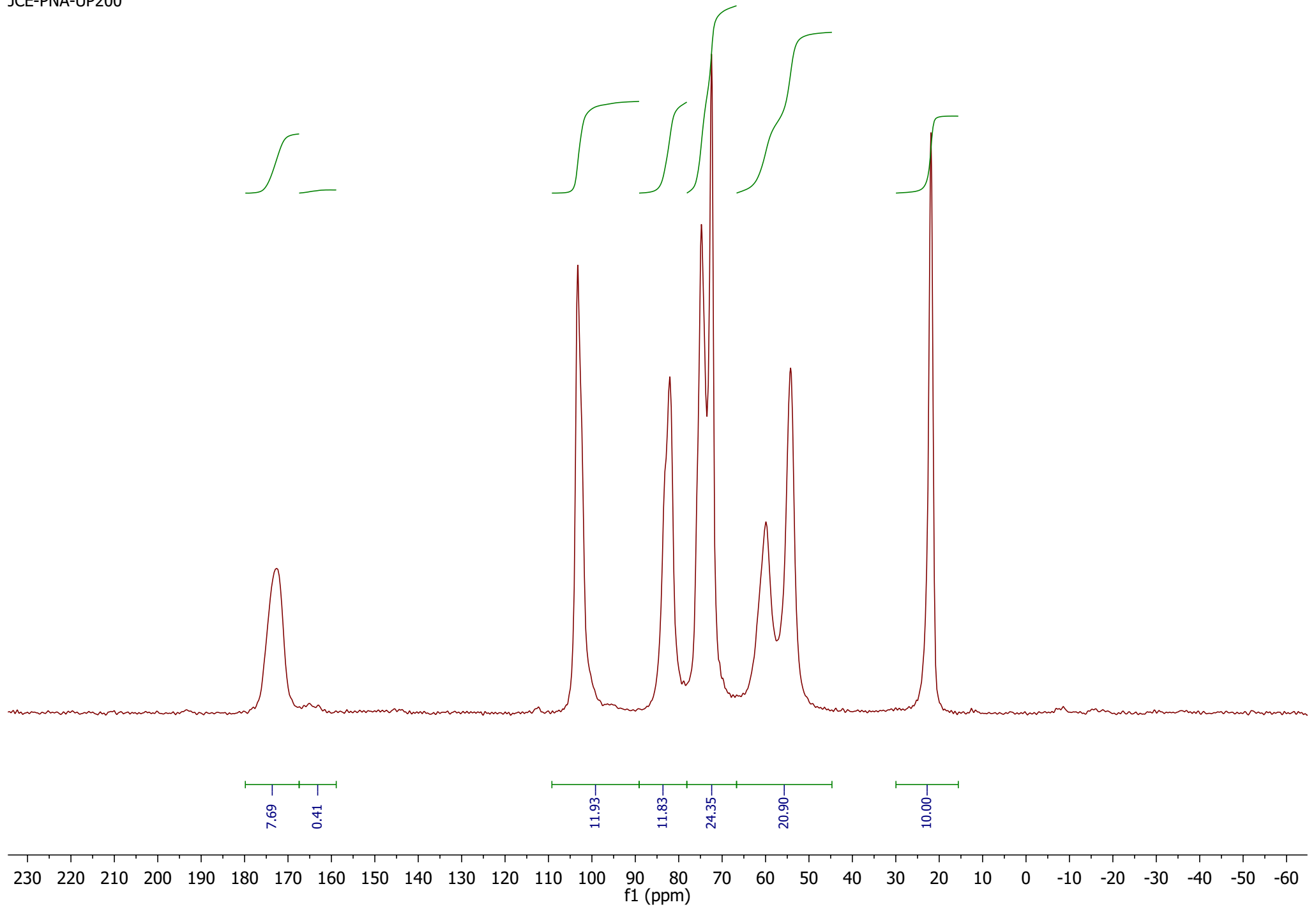
TitanBio-001-C-SP  
InvigaRoot 11-2-16  
1H-13C SP-MAS  
JCE-PNA-UP200



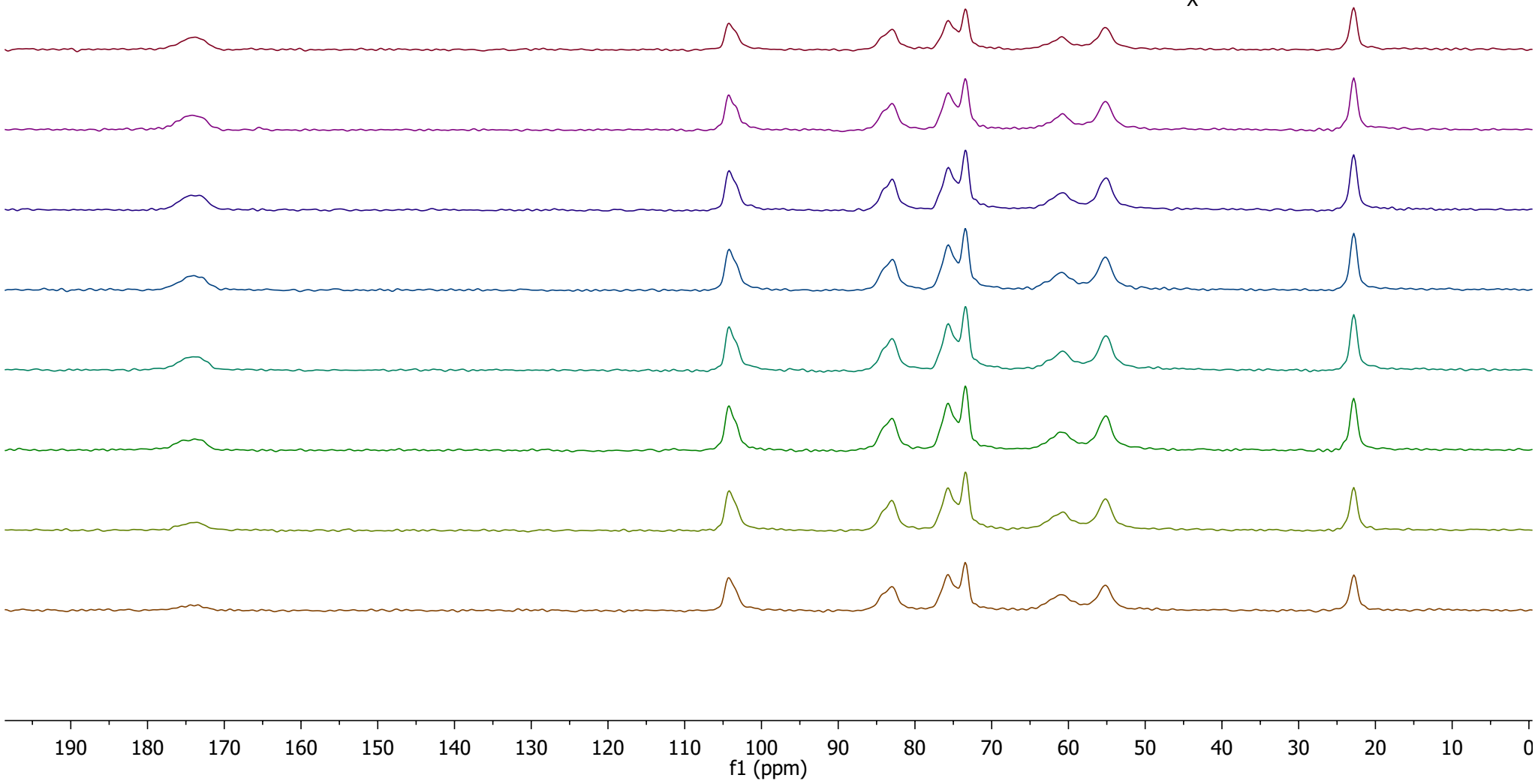
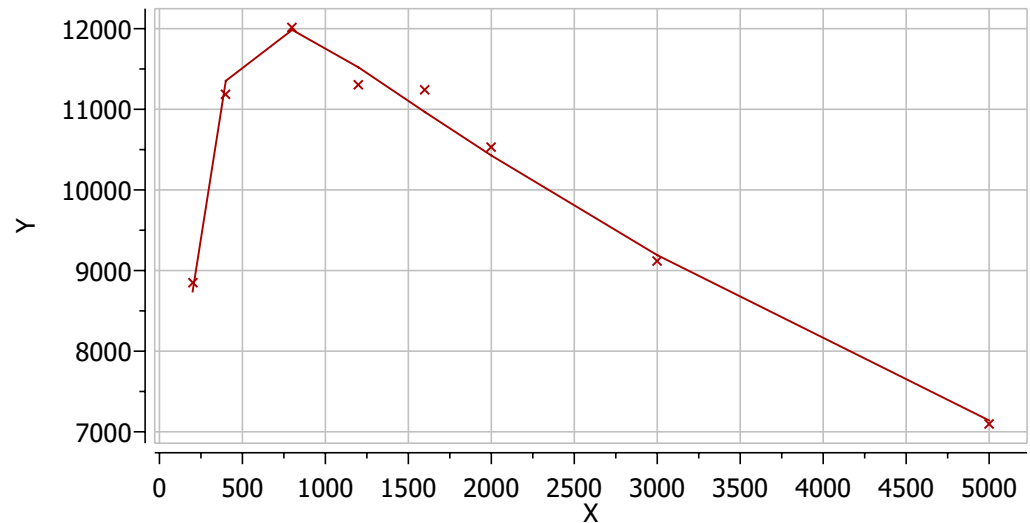




TitanBio-002-C-CP\_Opt  
Citin from Shrimp Shells -Sigma Lot SLBQ6580V  
1H-13C VACP-MAS NMR Optimized  
JCE-PNA-UP200

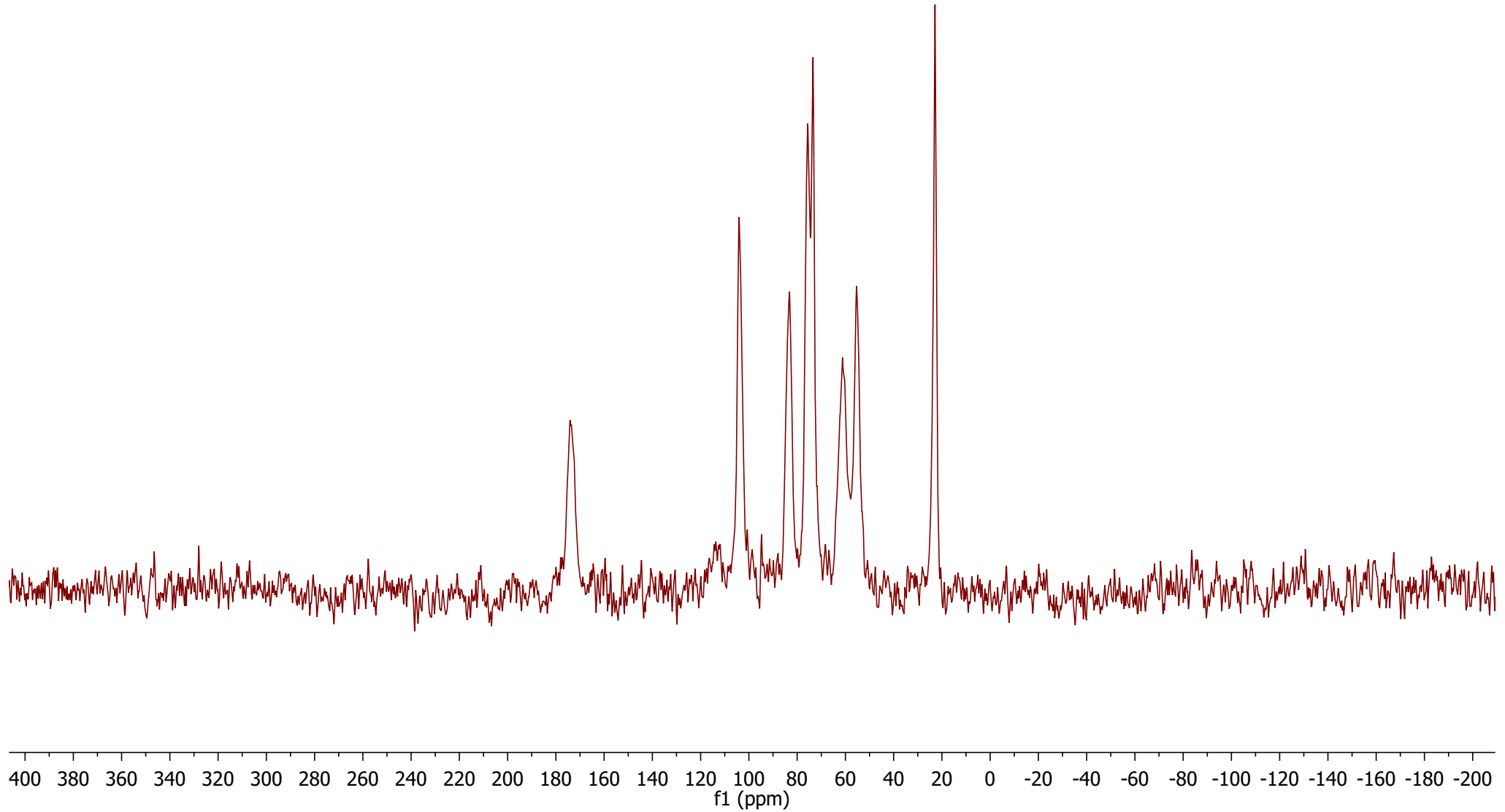


#	X(I)	Y(X)	Y'(X)
Model ARR_DATA(I) Integral(110.893,98.030) (A/(1-(B/C)))*(exp(-x/C)-exp(-x/B))			
A= 13120.5			
B= 177.38			
C= 7924.39			
1	200.000	8848.888	8740.301
2	400.000	11184.888	11352.875
3	800.000	12013.488	11984.596
4	1200.000	11305.205	11519.514
5	1600.000	11242.559	10965.567
6	2000.000	10527.548	10427.168
7	3000.000	9119.154	9191.124
8	5000.000	7093.103	7141.000





TitanBio-002-C-SP  
Chiton from Shrimp Shells - Sigma Lot SLBQ6580V  
1H-13C SP-MAS  
JCE-PNA-UP200



TitanBio-003-C-CP\_Opt  
InvigaRoot 245.2mg Chitin 38.2mg  
1H-13C VACP-MAS NMR Optimized  
JCE-PNA-UP200

