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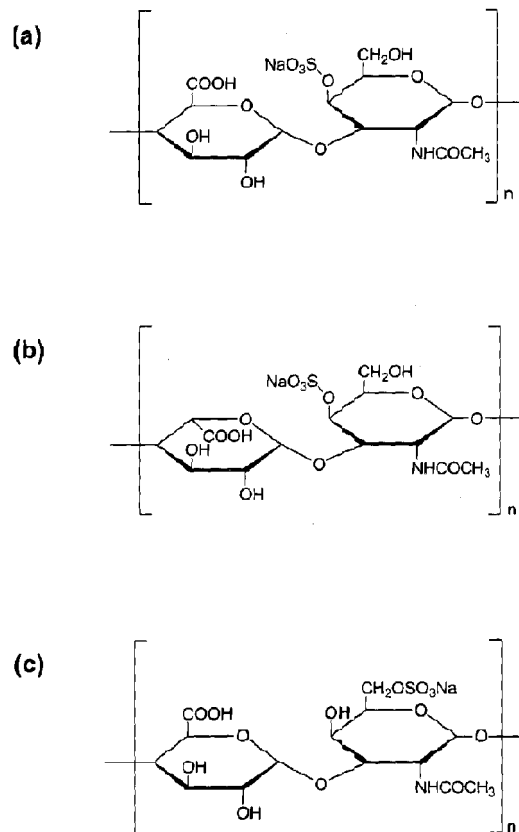
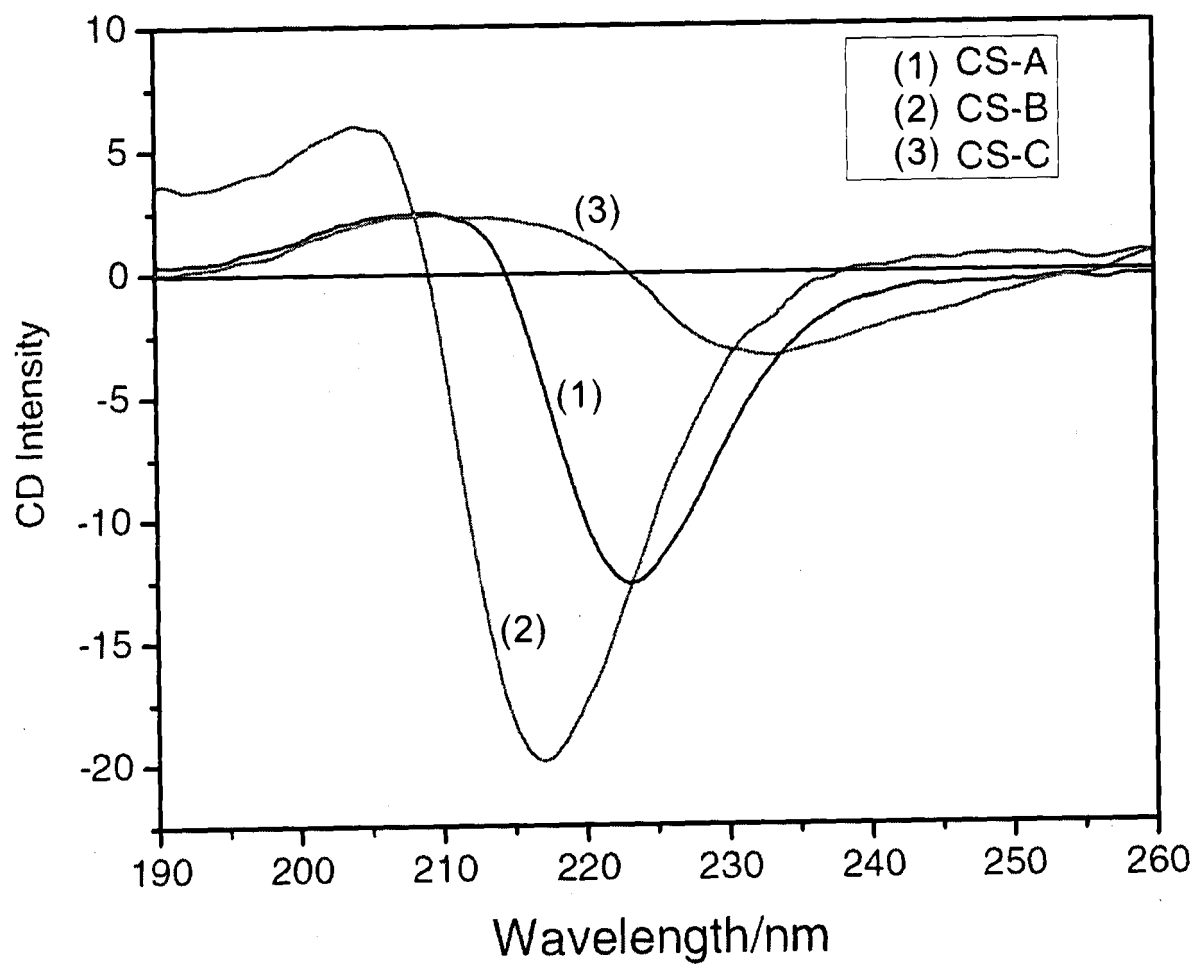


FIGURE 1

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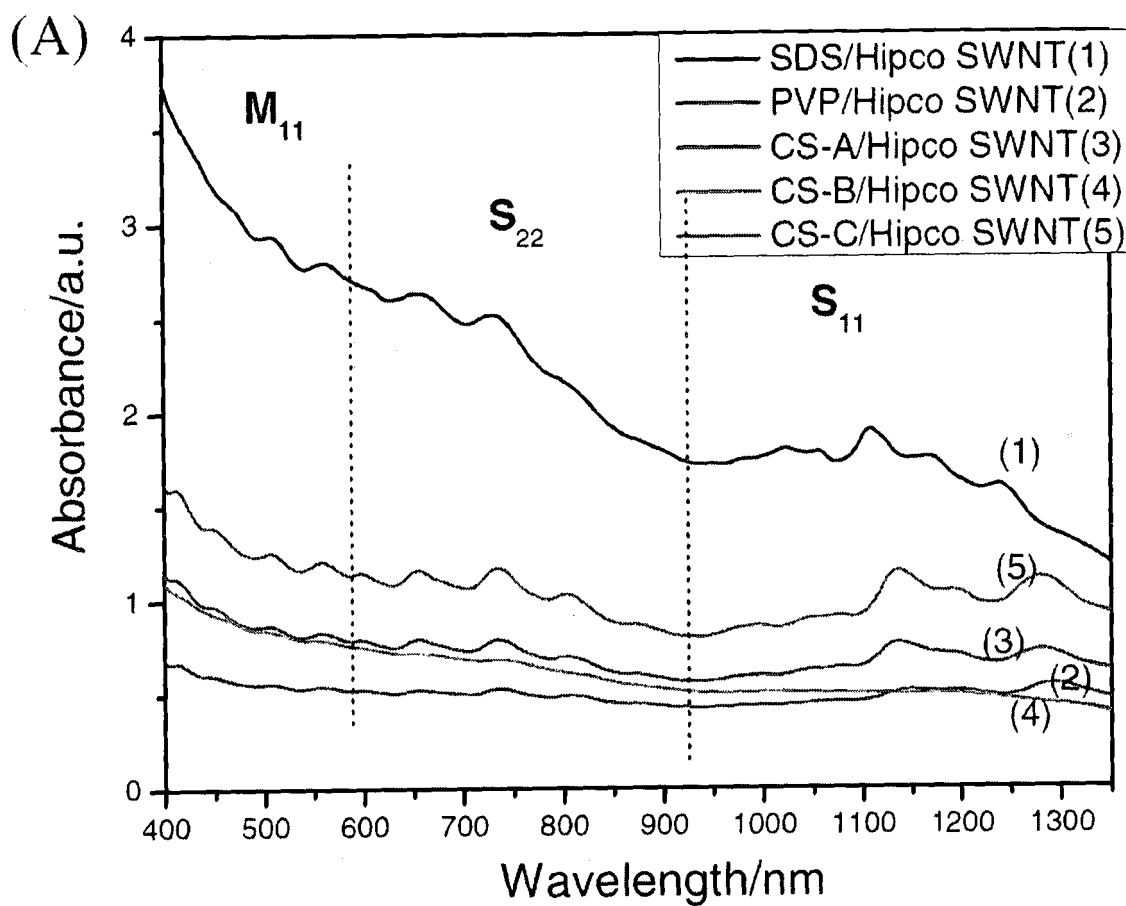
**FIGURE 2**

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CS-A		180-260 nm	185-260 nm	190-260 nm
	Helix	n.d.	n.d.	24.2 %
	Antiparallel	n.d.	n.d.	7.0 %
	Parallel	n.d.	n.d.	15.1 %
	Beta-Turn	n.d.	n.d.	15.7 %
	Rndm. Coil	n.d.	n.d.	60.7 %
	Total Sum	-	-	122.6 %
CS-B		180-260 nm	185-260 nm	190-260 nm
	Helix	n.d.	n.d.	27.4 %
	Antiparallel	n.d.	n.d.	9.2 %
	Parallel	n.d.	n.d.	11.5 %
	Beta-Turn	n.d.	n.d.	16.5 %
	Rndm. Coil	n.d.	n.d.	46.0 %
	Total Sum	-	-	110.5 %
CS-C		180-260 nm	185-260 nm	190-260 nm
	Helix	n.d.	n.d.	16.6 %
	Antiparallel	n.d.	n.d.	30.2 %
	Parallel	n.d.	n.d.	15.7 %
	Beta-Turn	n.d.	n.d.	19.3 %
	Rndm. Coil	n.d.	n.d.	54.7 %
	Total Sum	-	-	136.5 %

FIGURE 3

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**FIGURE 4**

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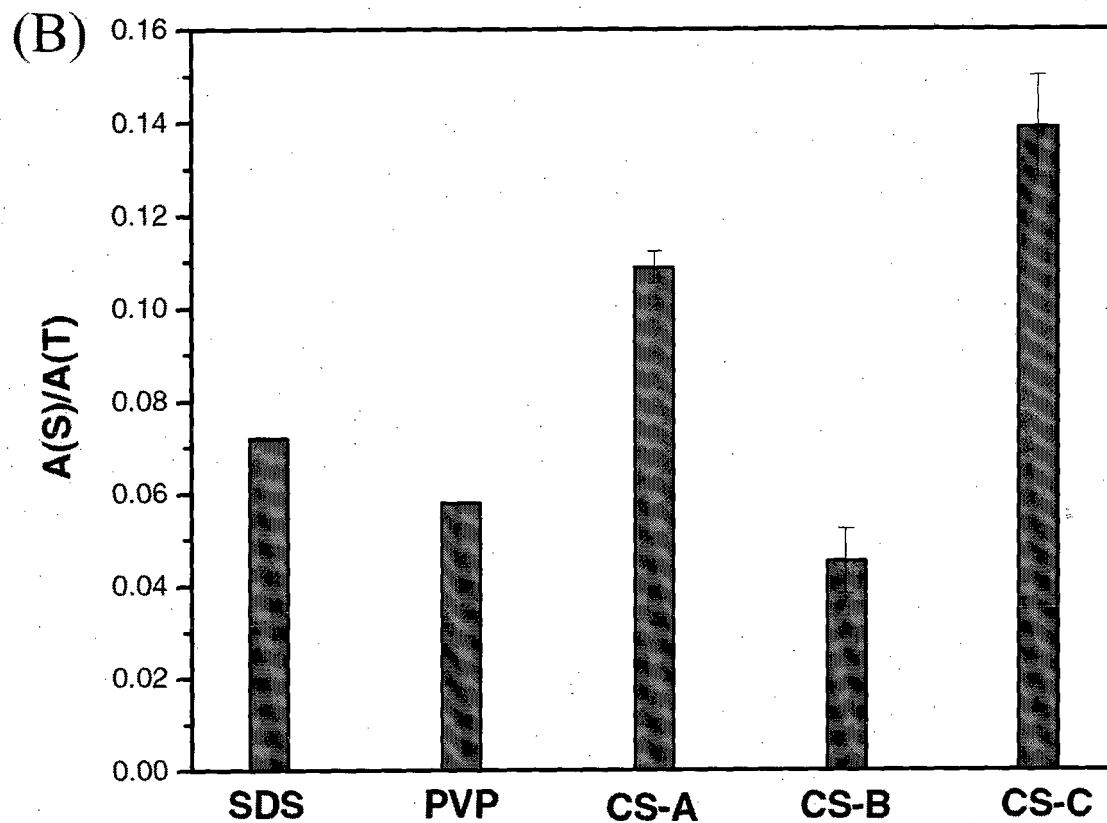


FIGURE 4
(continued)

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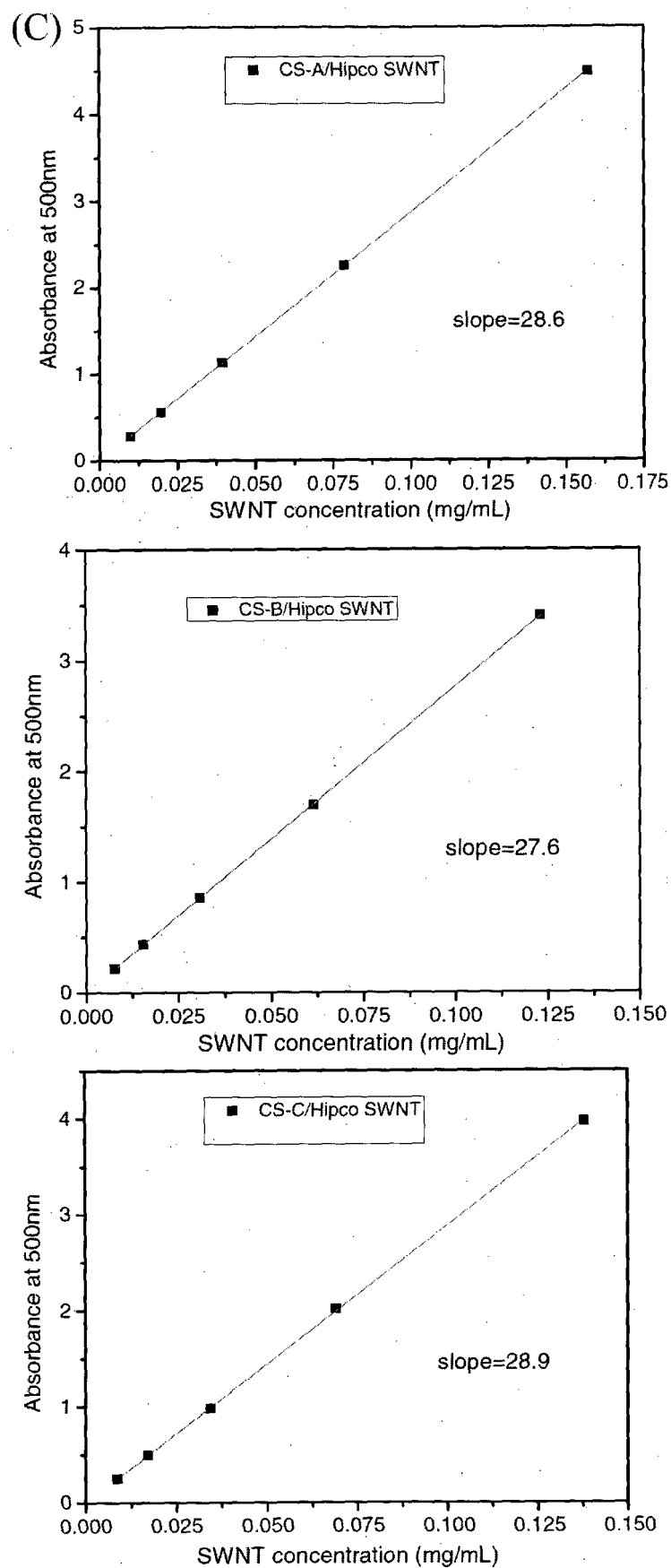
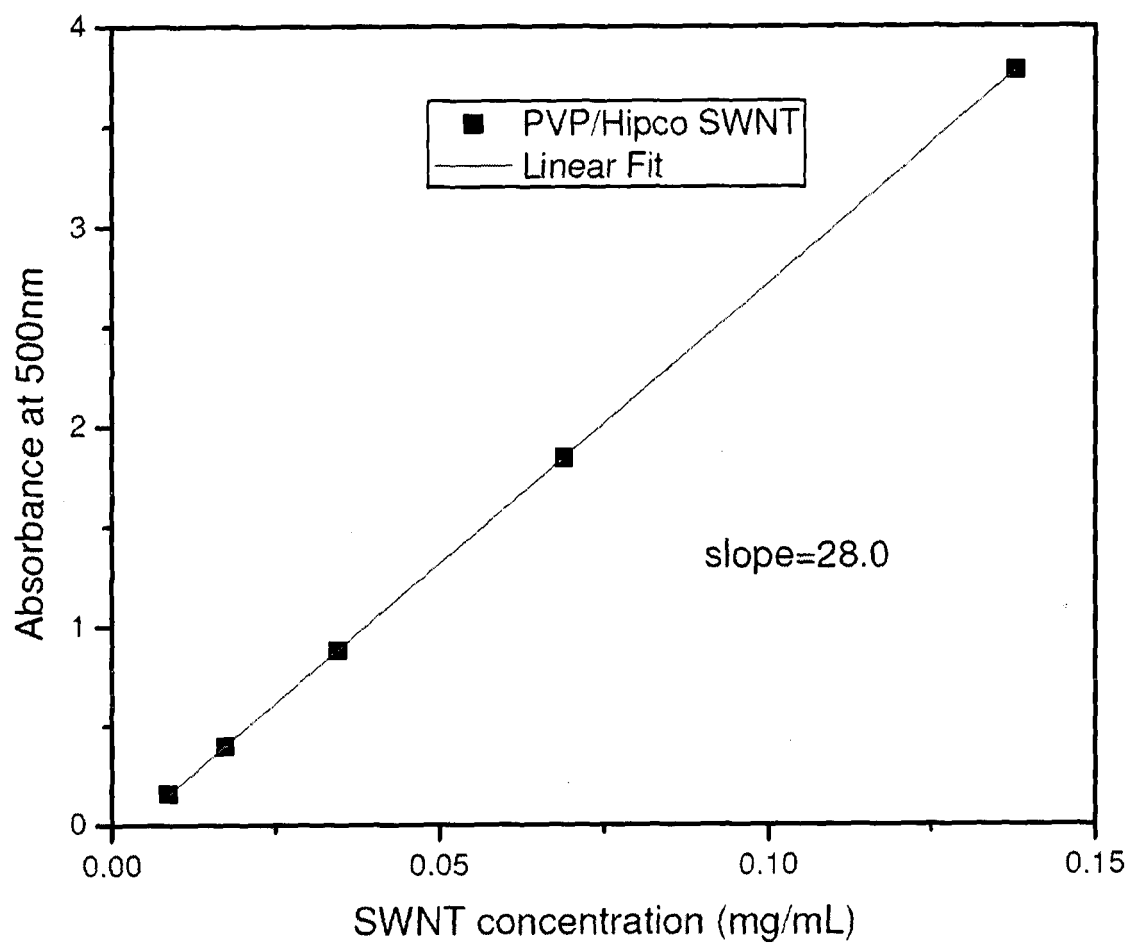


FIGURE 4 (continued)

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**FIGURE 5**

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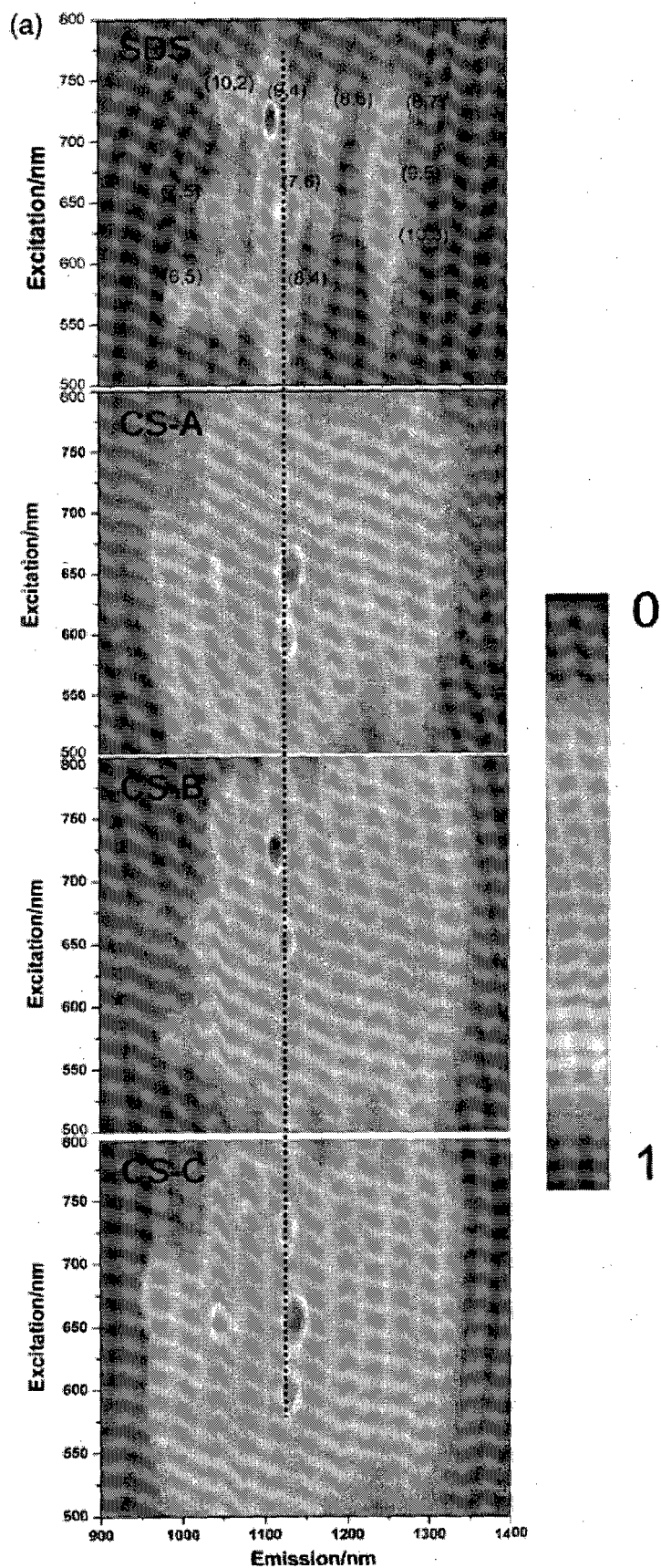
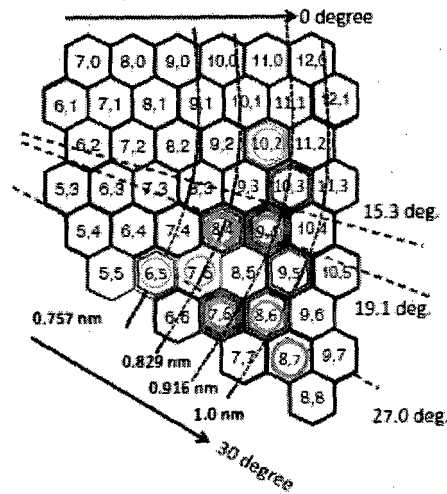
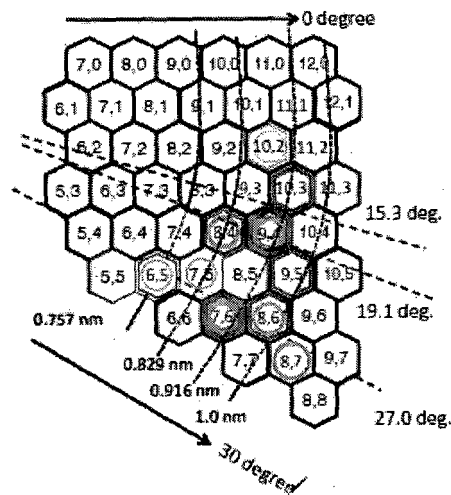
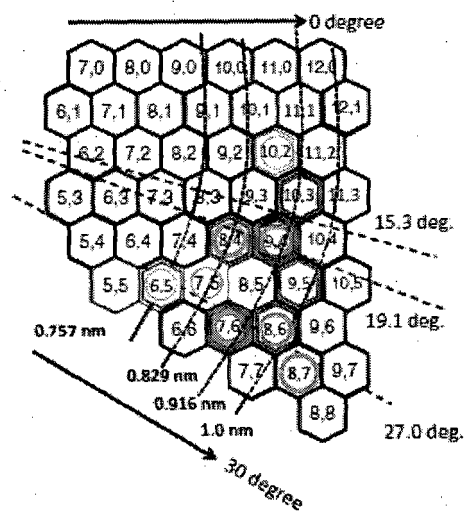


FIGURE 6

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(b)

 Hipco/SDS Hipco/CS-A Hipco/SDS Hipco/CS-B Hipco/SDS Hipco/CS-C**FIGURE 6**
(continued)

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(c)

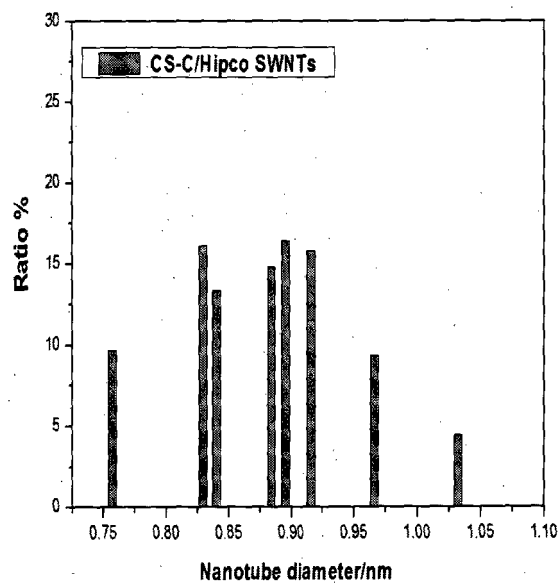
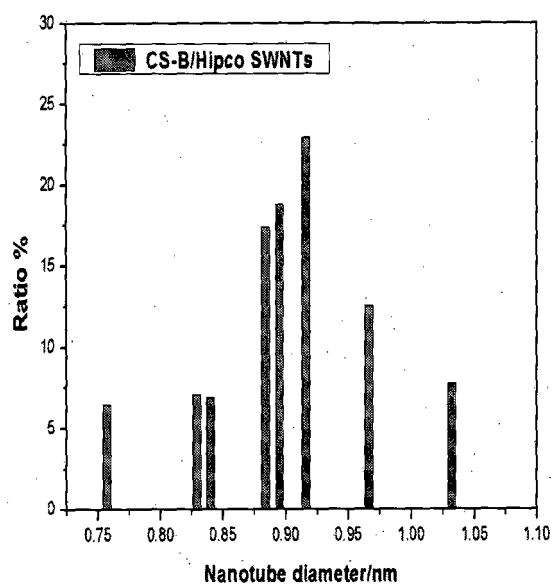
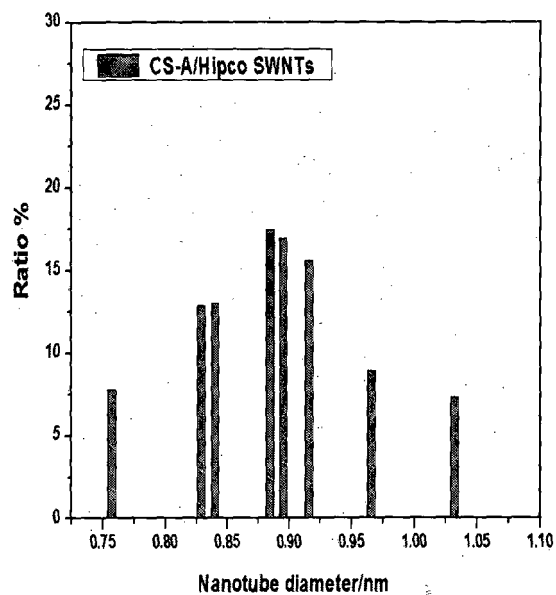
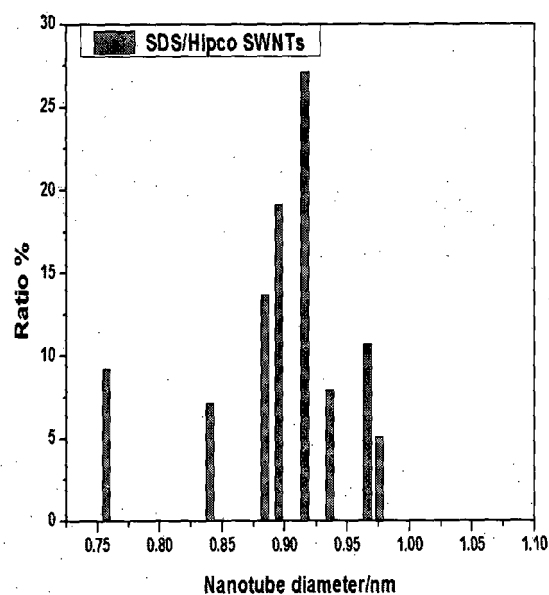


FIGURE 6
(continued)

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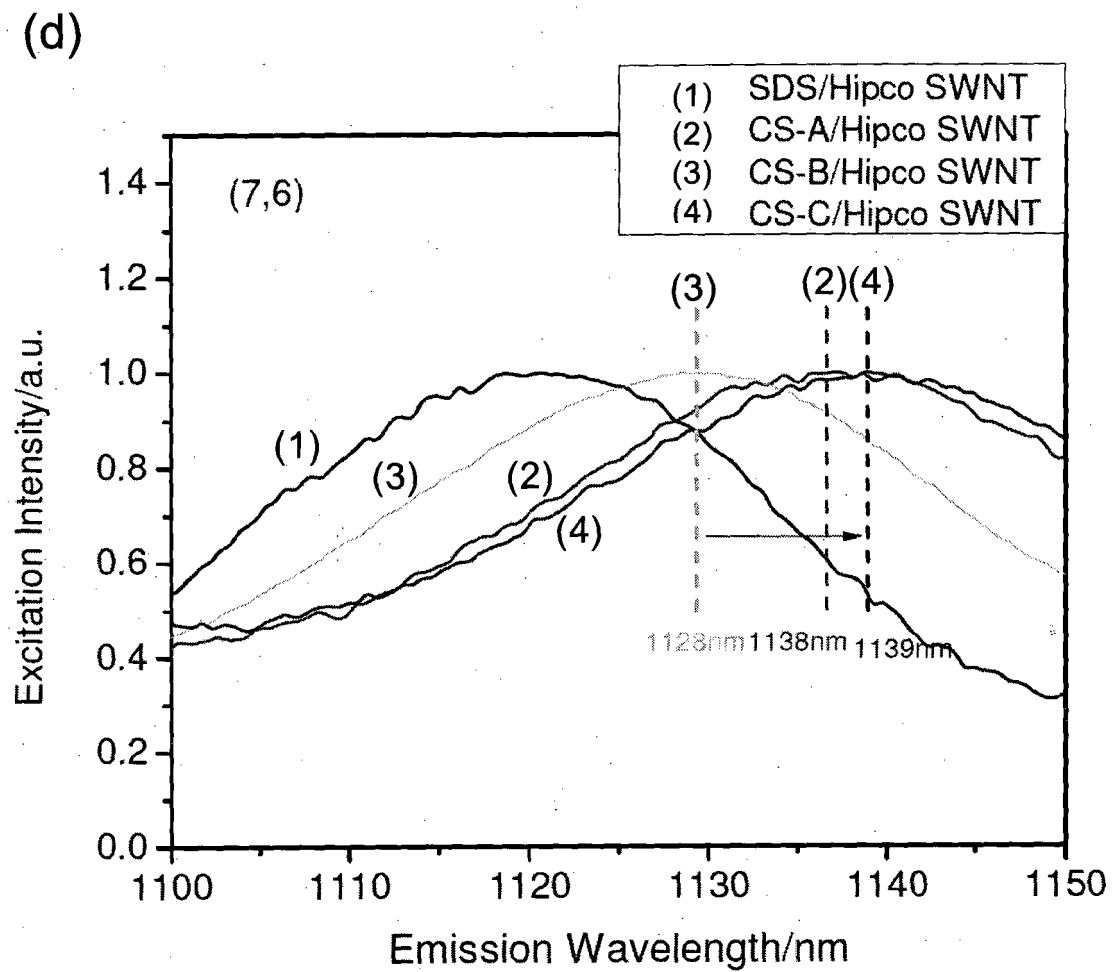
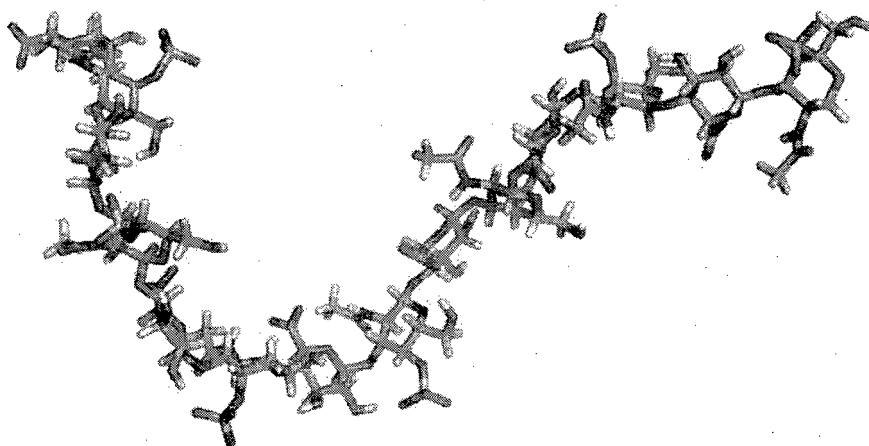


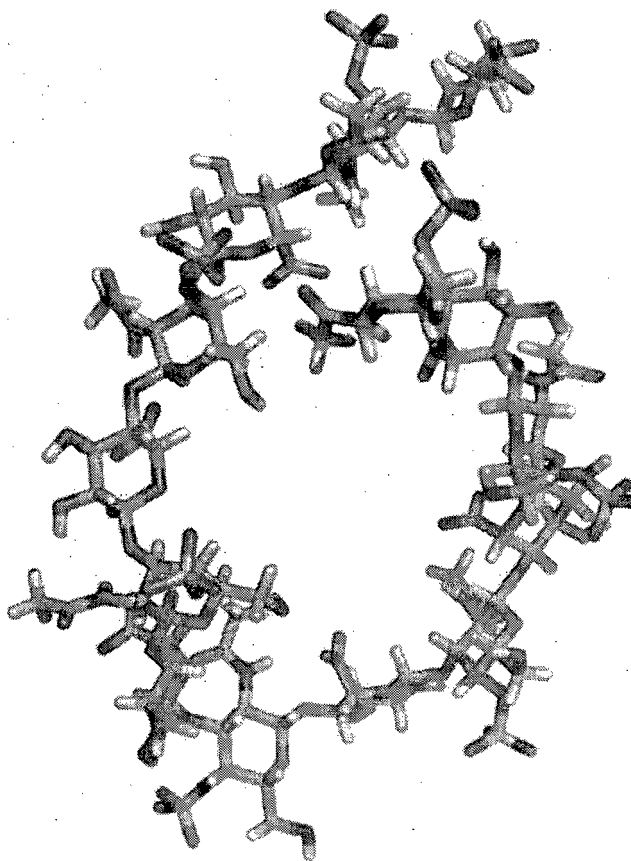
FIGURE 6
(continued)

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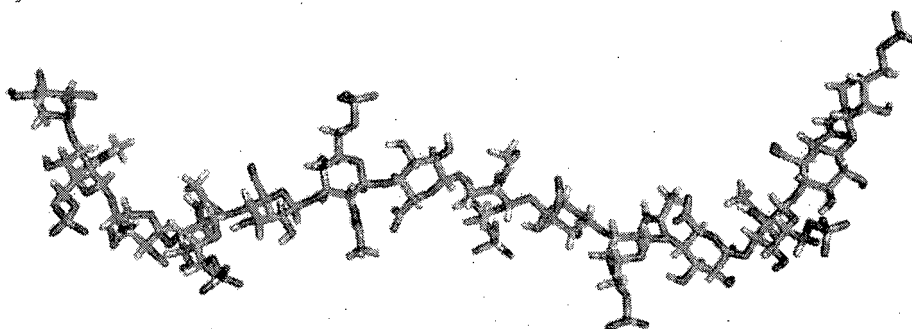
(a)



(b)



(c)

**FIGURE 7**

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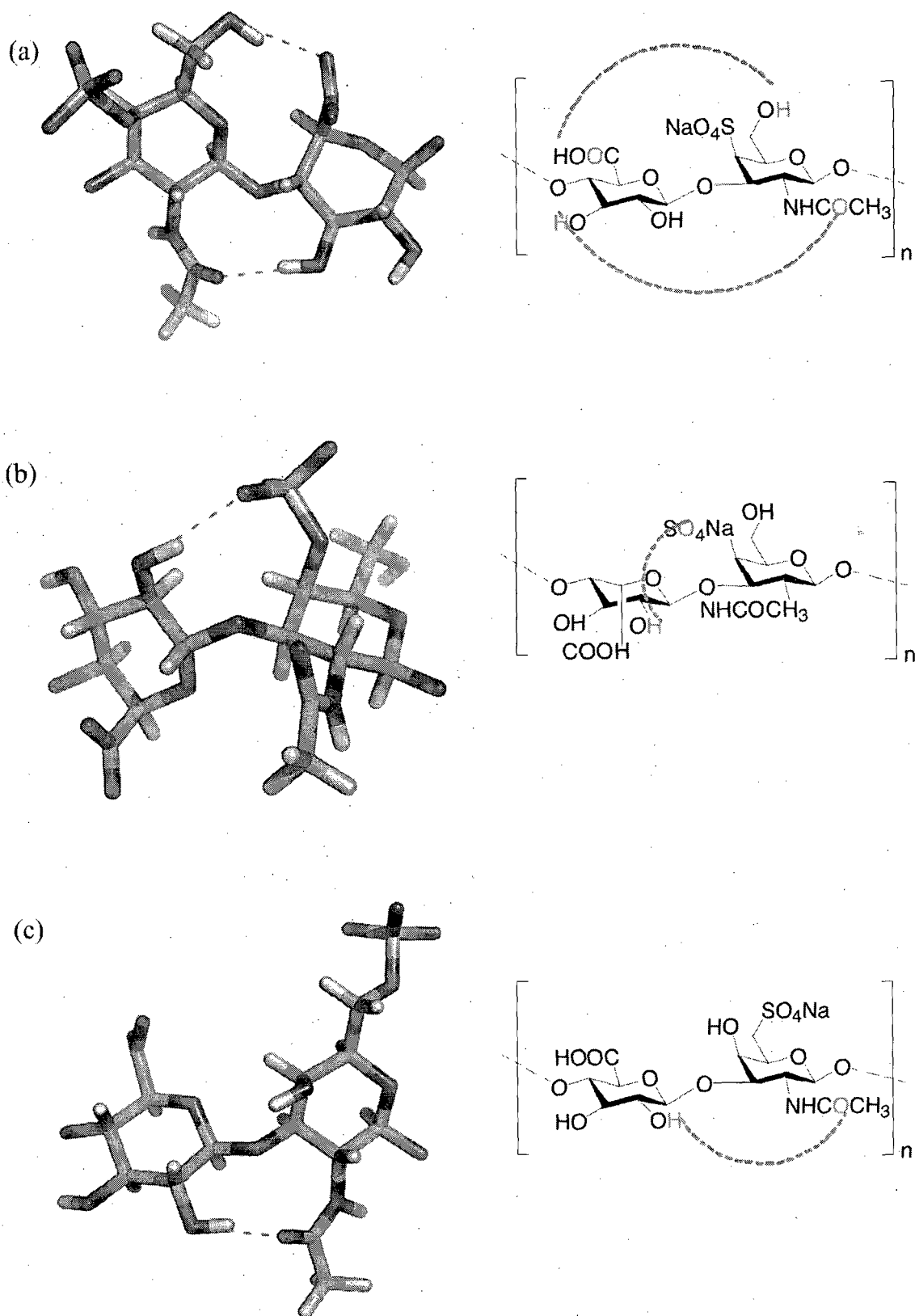
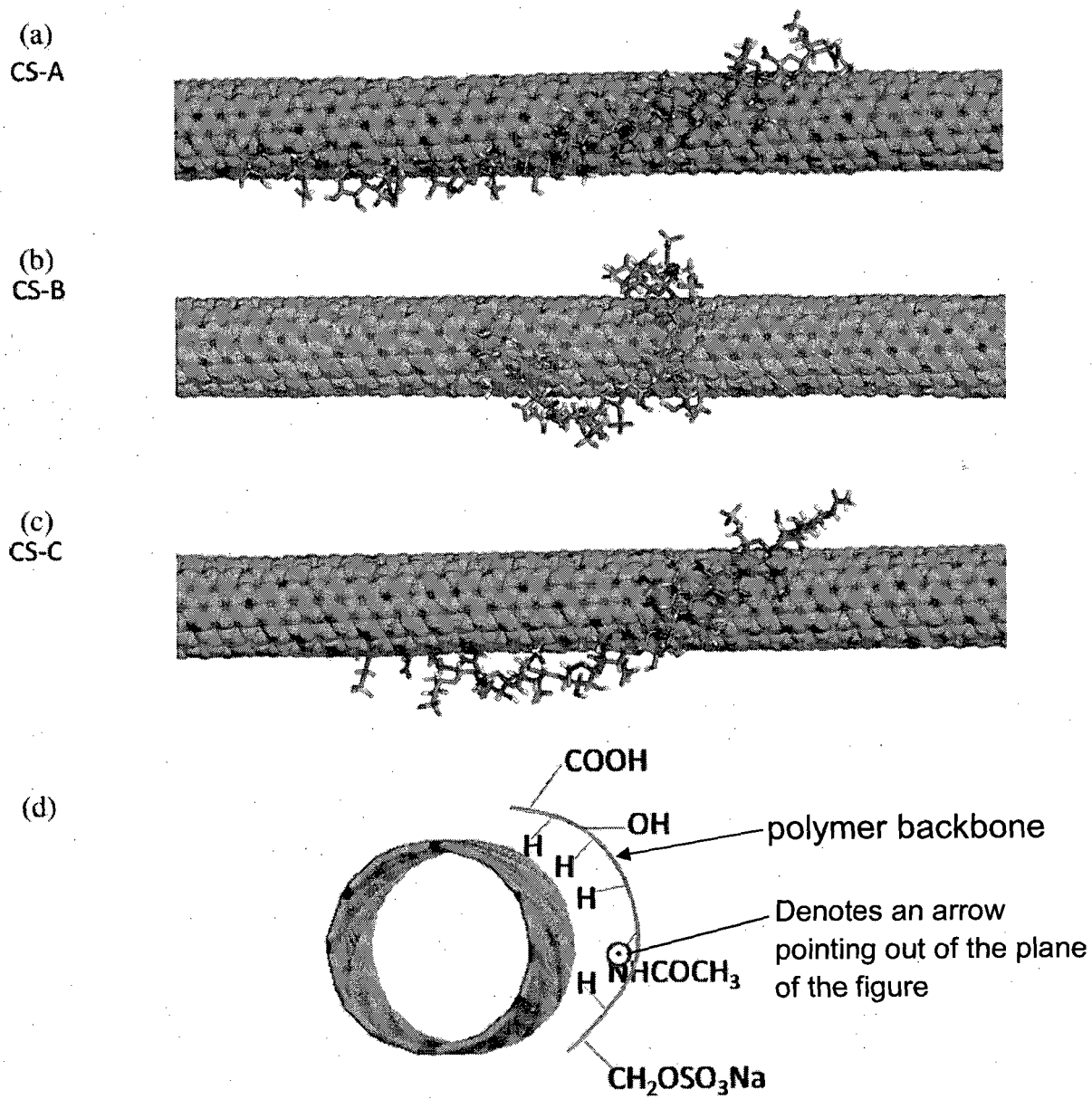


FIGURE 8

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**FIGURE 9**

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(A)

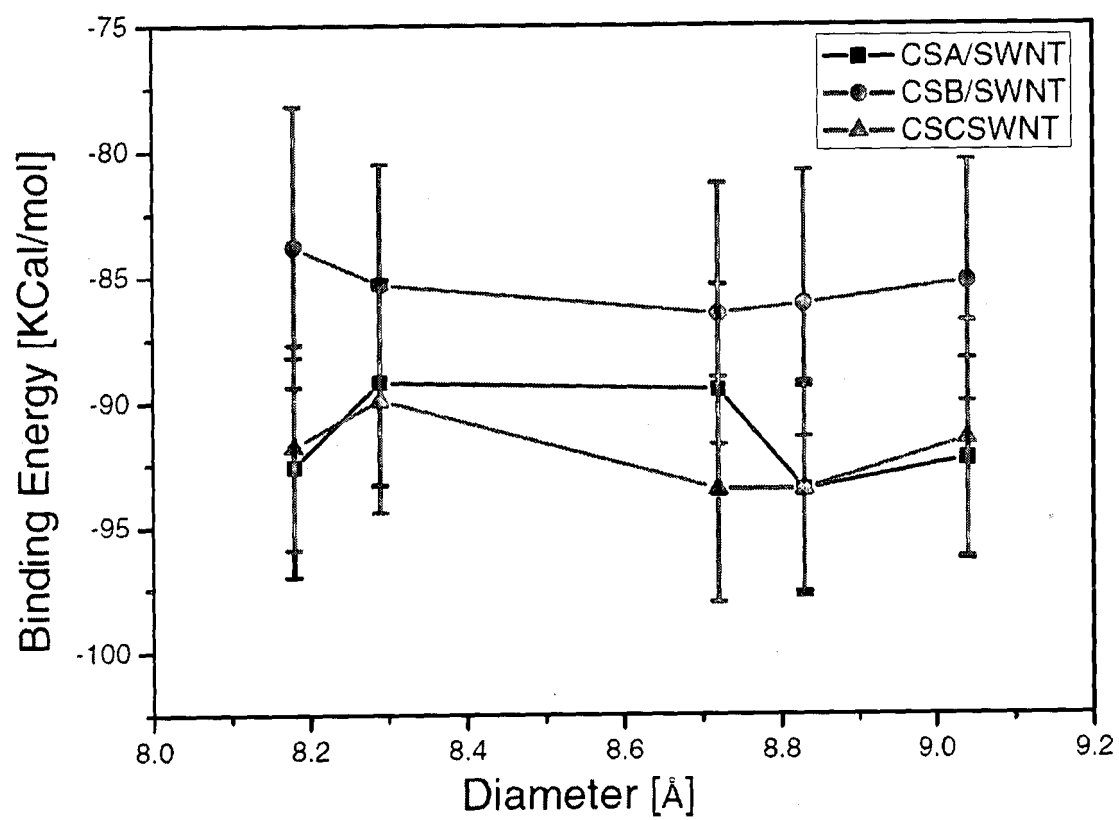
Atom	Atomic concentration (%)		
	SDS/Hipco	CS-A/Hipco	CS-C/Hipco
O	26.92	28.93	17.09
C	69.57	67.49	78.58
N	3.47	3.52	4.26
Na	0	0	0
S	0.04	0.06	0.07

(B)

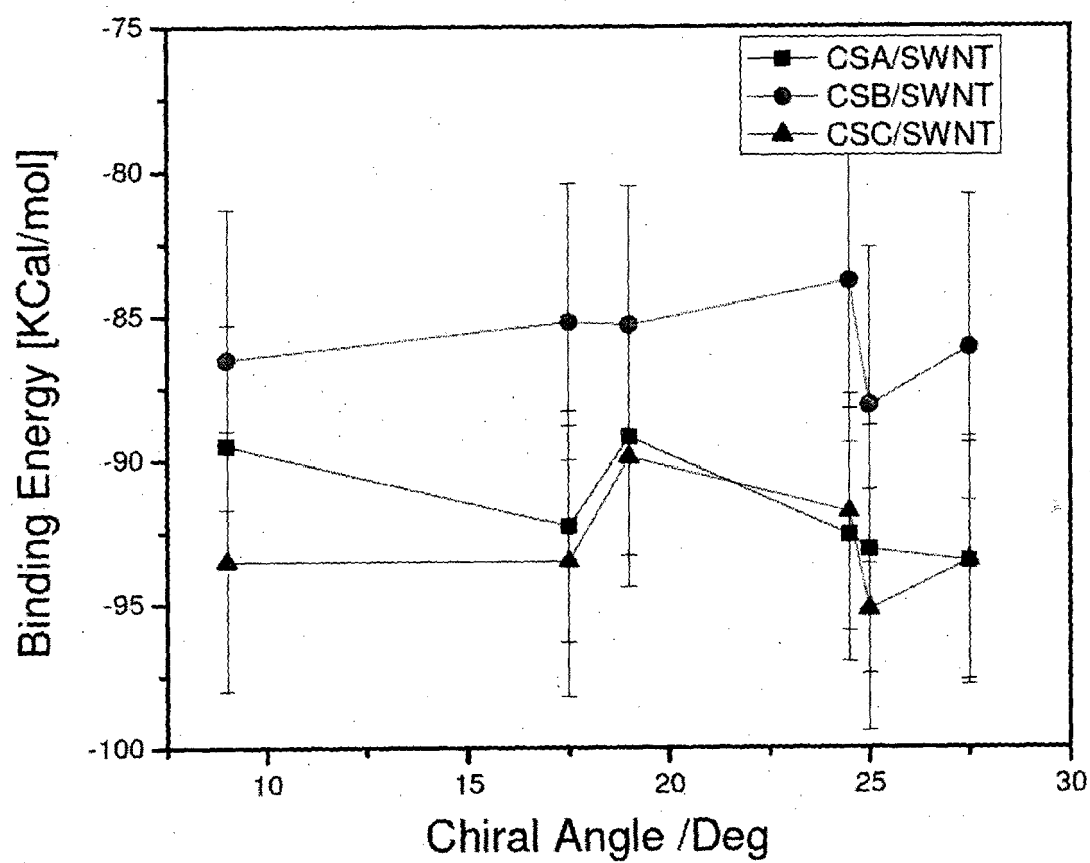
(n, m)	Diameter(nm)	Chiral Angle (Deg)	E_B (kcal/mol)		
			Hipco/CS-A	Hipco/CS-B	Hipco/CS-C
(7,5)	0.829	24.5	-92.6 $\pm$ 4.4	-83.8 $\pm$ 5.6	-91.8 $\pm$ 4.1
(8,4)	0.84	19	-89.2 $\pm$ 4.1	-85.3 $\pm$ 4.8	-89.9 $\pm$ 4.5
(10,2)	0.884	9	-89.5 $\pm$ 4.2	-86.5 $\pm$ 5.2	-93.5 $\pm$ 4.5
(7,6)	0.895	27.5	-93.5 $\pm$ 4.1	-86.1 $\pm$ 5.3	-93.5 $\pm$ 4.3
(9,4)	0.916	17.5	-92.3 $\pm$ 4.0	-85.2 $\pm$ 4.8	-93.5 $\pm$ 4.7
(8,6)	0.966	25	-93.1 $\pm$ 4.3	-88.1 $\pm$ 5.5	-95.2 $\pm$ 4.2

FIGURE 10

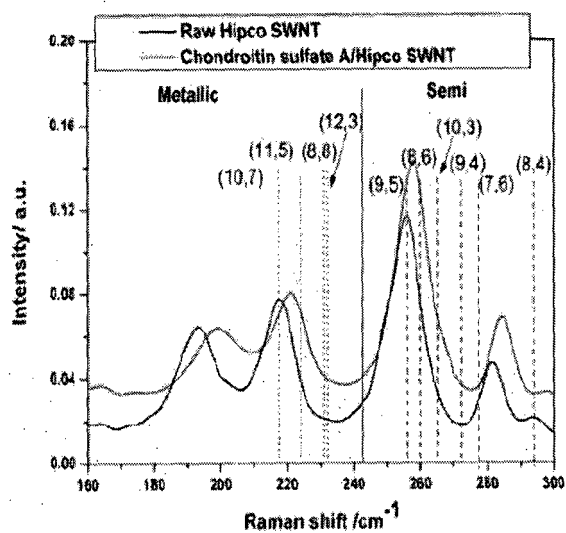
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**FIGURE 11**

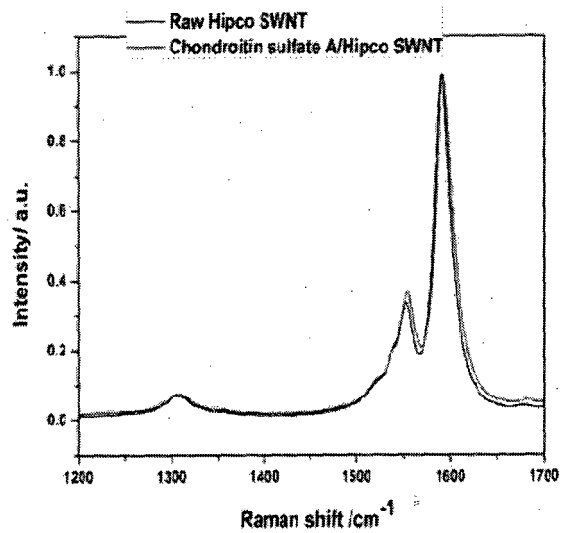
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**FIGURE 12**

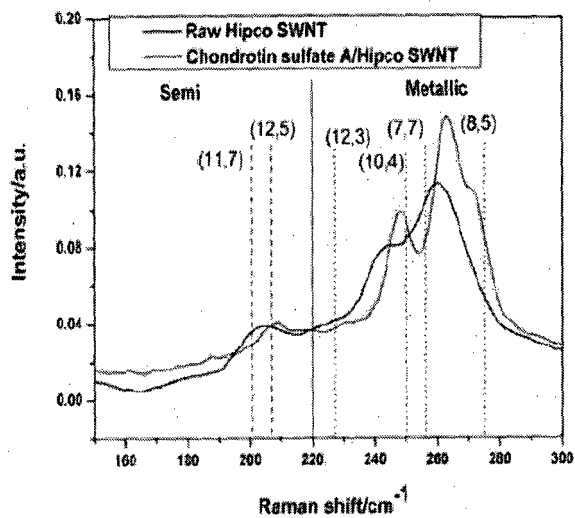
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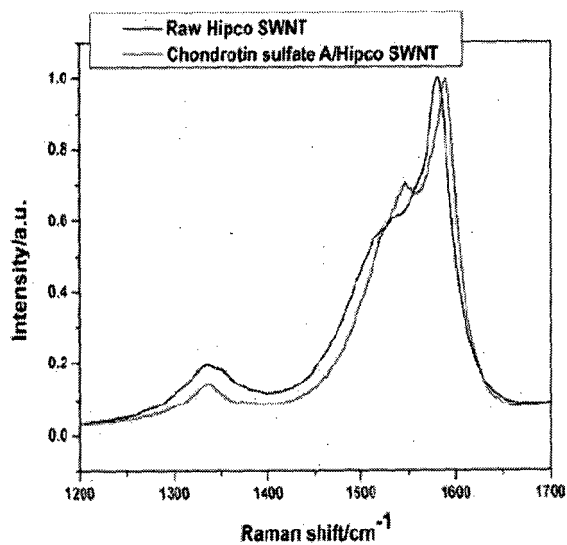
(I) a



(I) b



(II) a



(II) b

FIGURE 13

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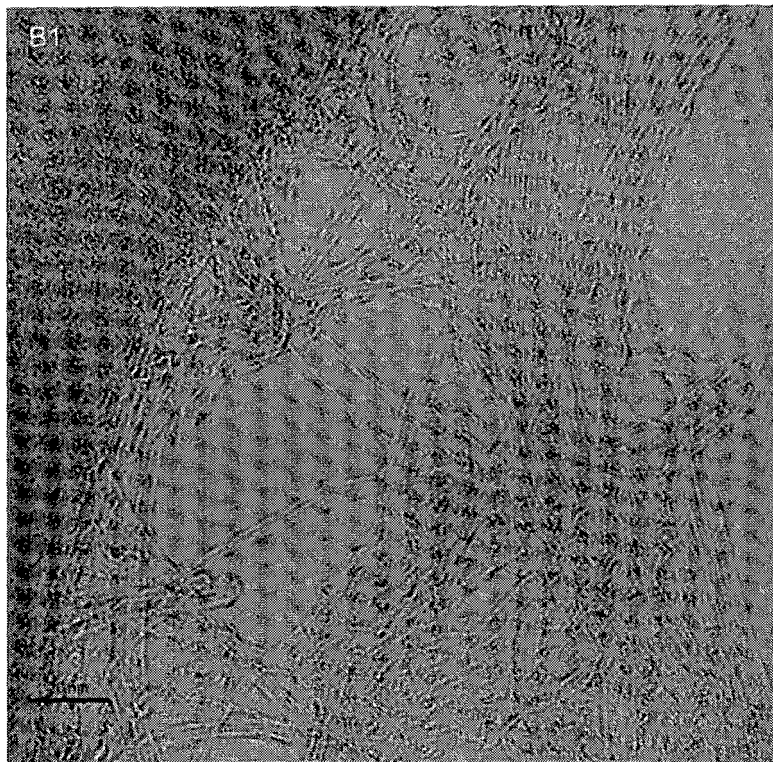
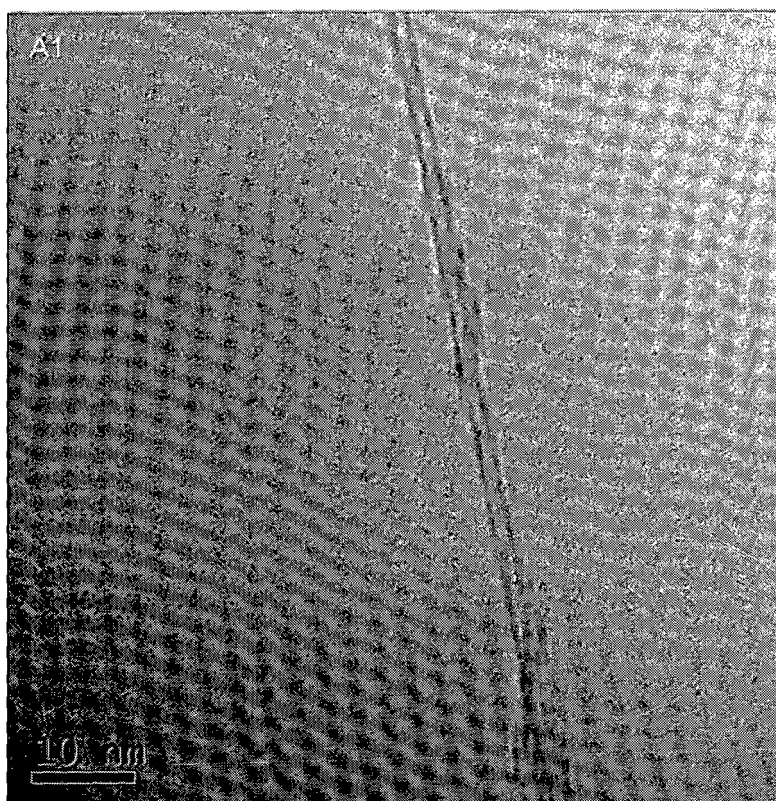


FIGURE 14

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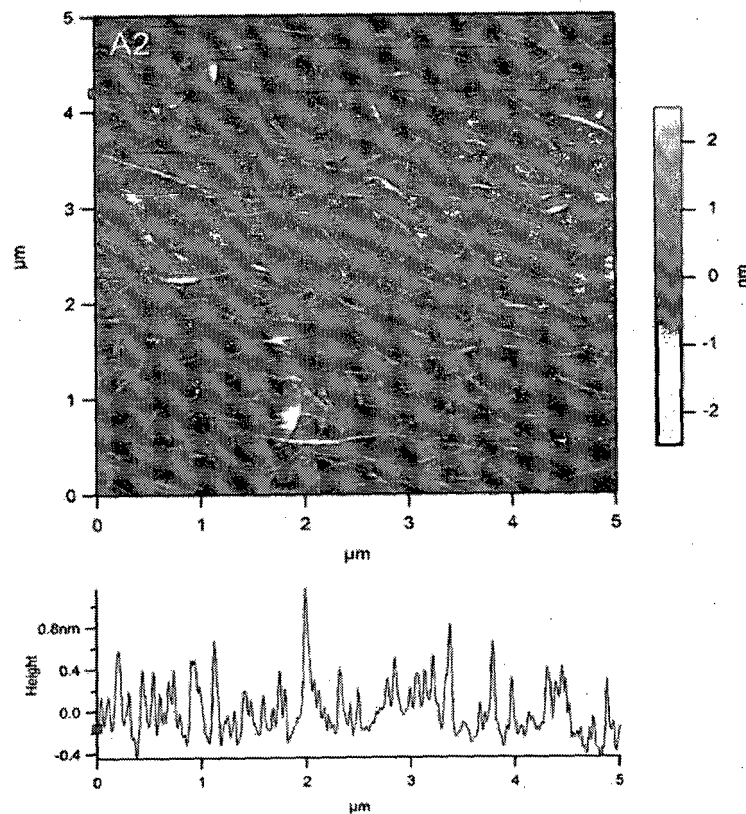
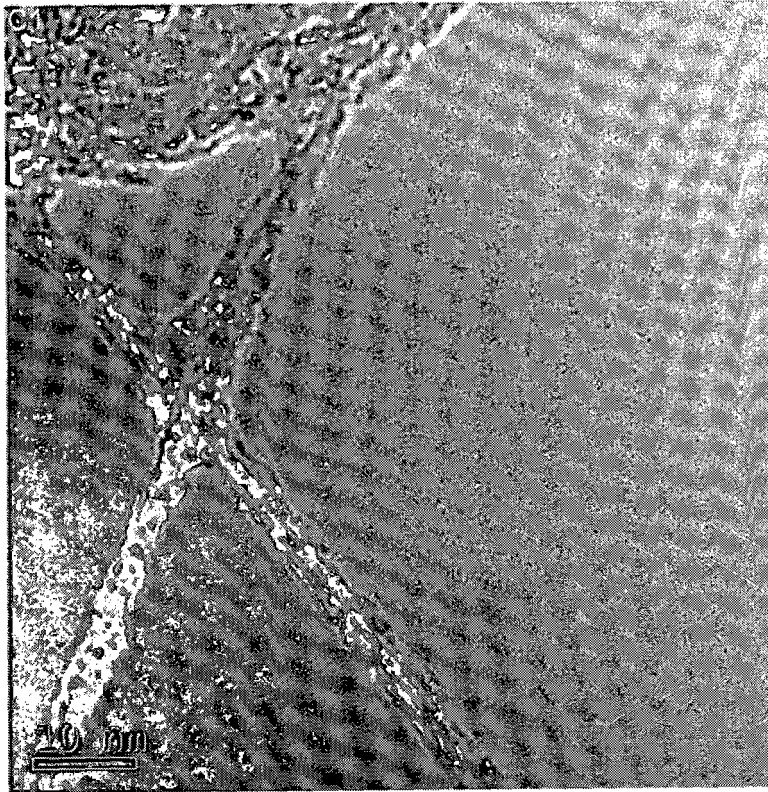


FIGURE 14
(continued)

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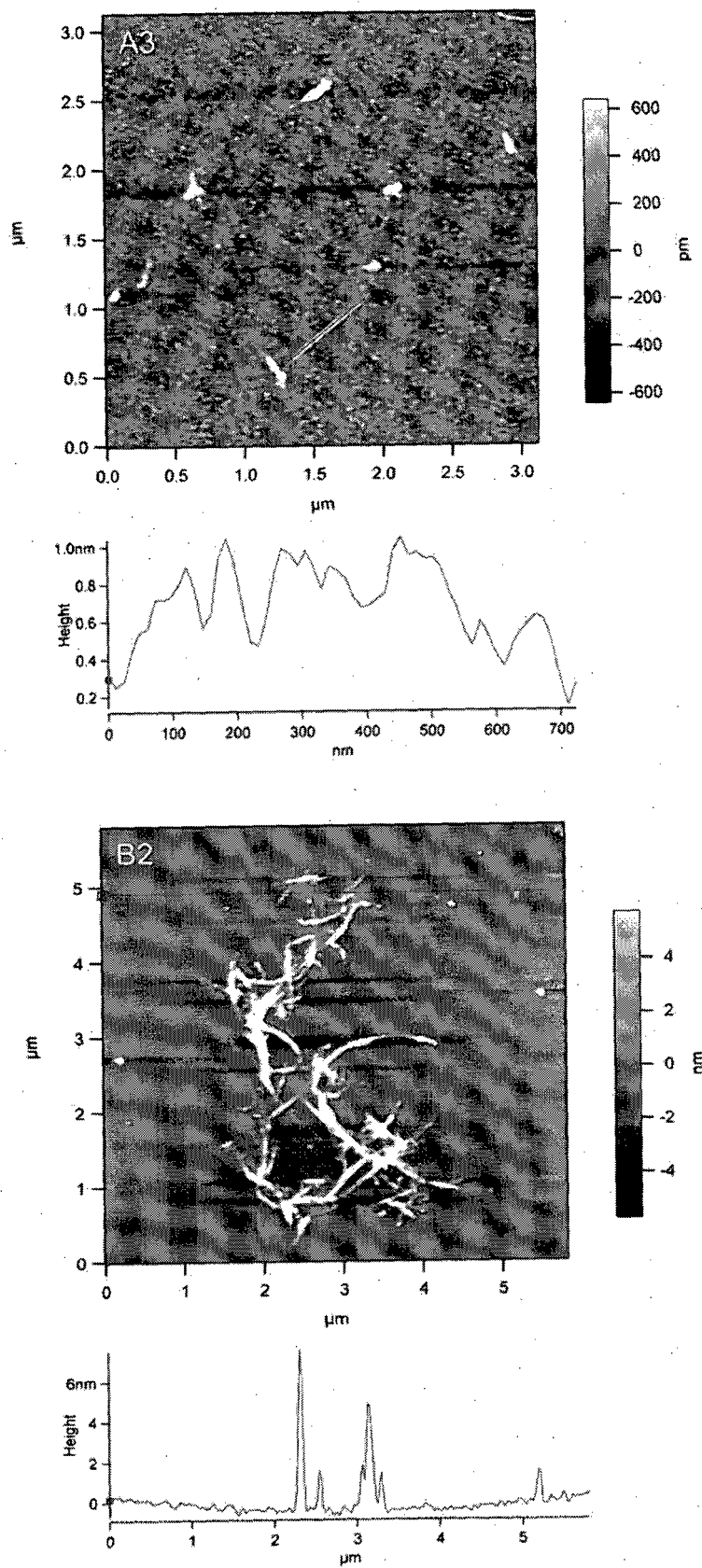


FIGURE 14
(continued)

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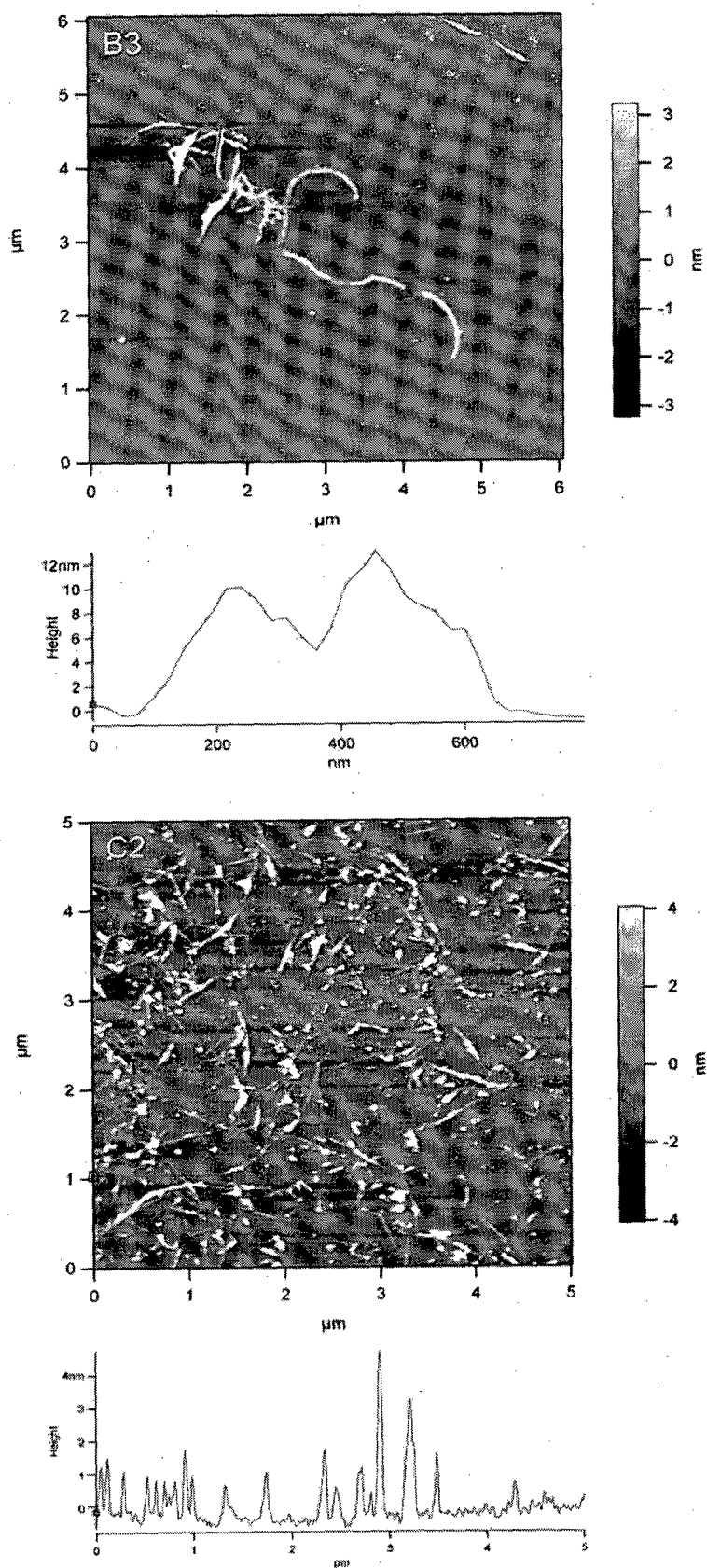


FIGURE 14
(continued)

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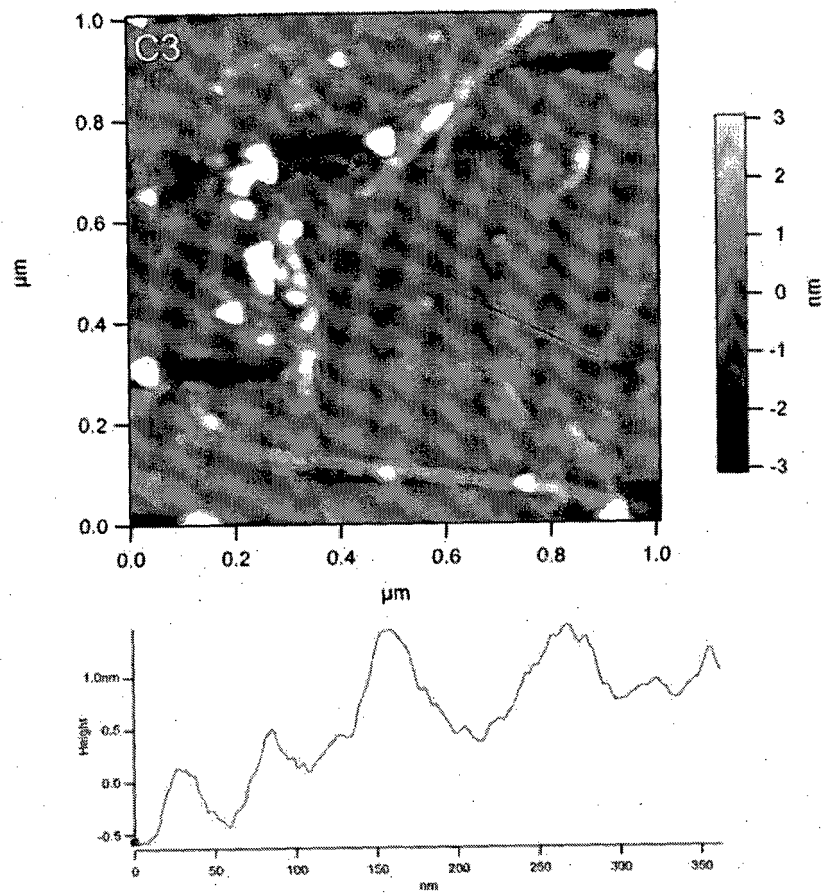
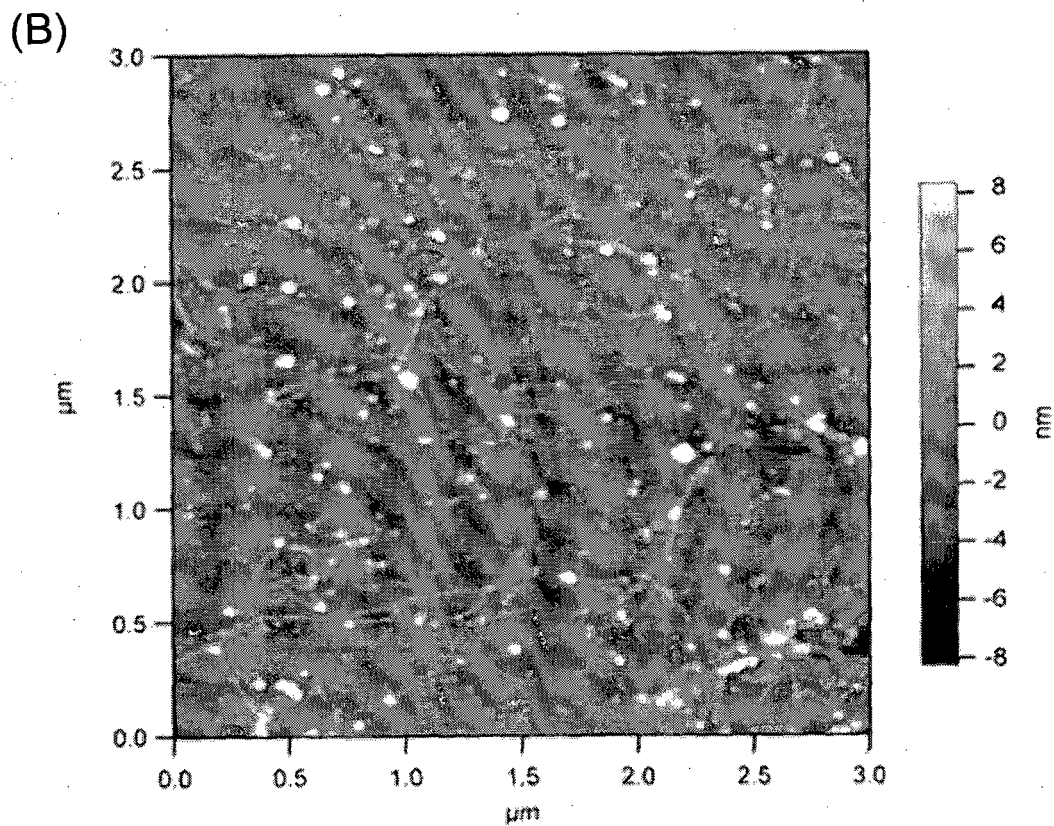
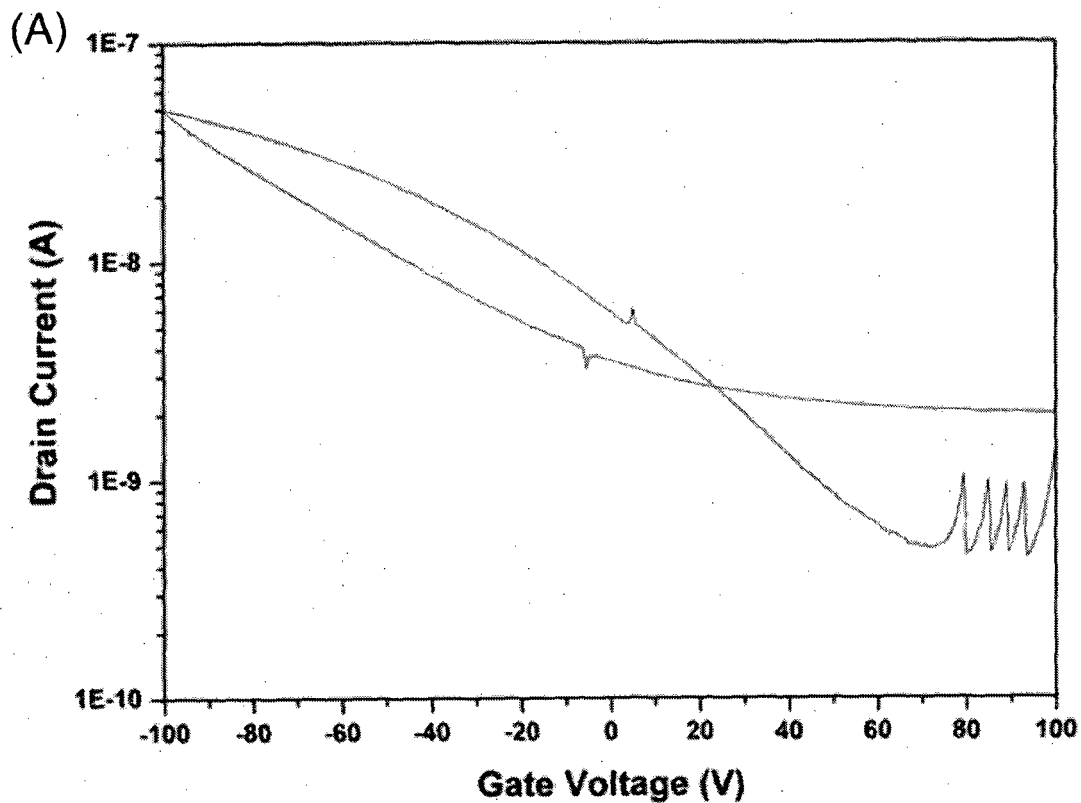


FIGURE 14
(continued)

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**FIGURE 15**

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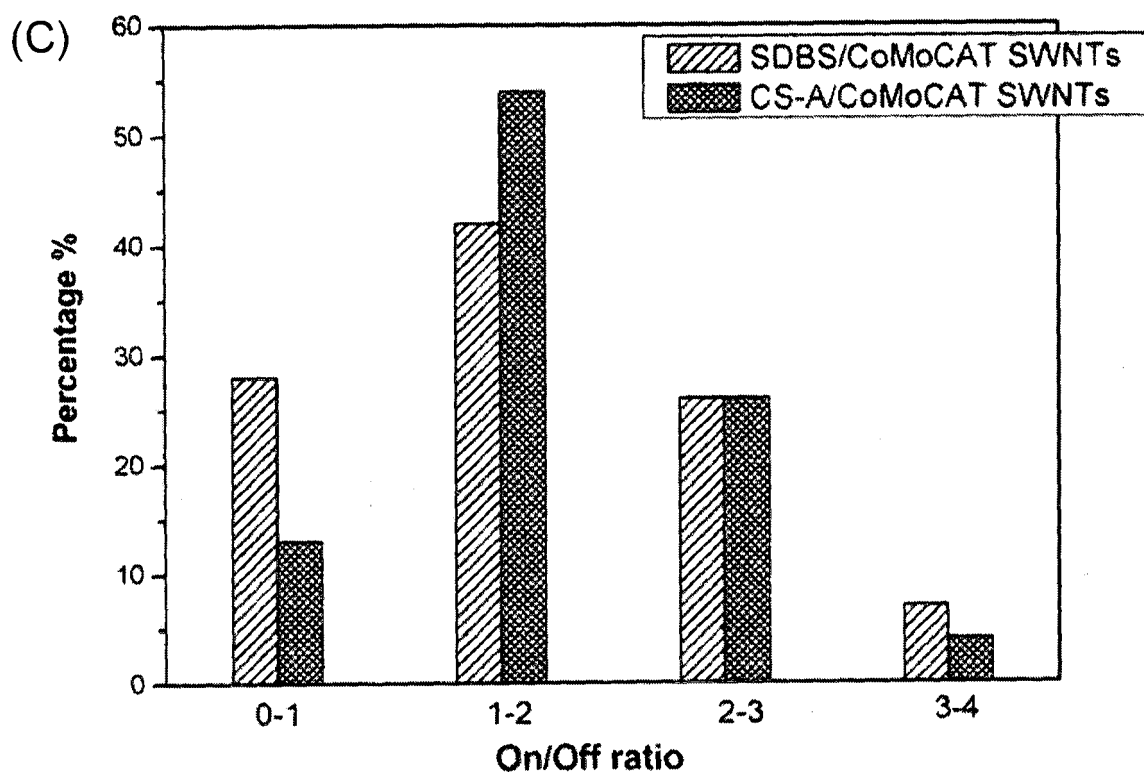


FIGURE 15
(continued)

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(n, m)	Diameter (nm)	Chiral Angle (Deg)	Calc. Inten. Factor *	Relative PL Peak intensity % Abundance				Calibrated PL intensity % Abundance			
				Hipco/ SDS	Hipco/ CS-A	Hipco/ CS-B	Hipco/ CS-C	Hipco/ SDS	Hipco/ CS-A	Hipco/ CS-B	Hipco/ CS-C
(6,5)	0.757	27	0.67	9.2%	4.3±2.5	6.8±1.2	4.1±3.8	7.5%	3.9±2.3	5.9±1.0	3.7±3.5
(7,5)	0.829	24.5	0.71	0	8.0±3.7	6.9±1.8	7.3±5.9	0	6.5±3.3	5.7±1.5	6.2±5.1
(8,4)	0.84	19	0.46	7.1%	16.0±2.2	12.0±4.7	11.5±1.6	8.4%	19.8±2.0	15.0±5.6	14.8±2.3
(10,2)	0.884	9	2.38	13.7%	14.6±1.9	12.9±3.9	17.3±2.6	3.25	3.5±0.6	3.2±1.1	4.3±0.7
(7,6)	0.895	27.5	0.47	19.1%	18.9±1.3	20.7±1.8	19.5±2.2	22.2%	22.9±1.3	25.6±1.5	24.5±2.3
(9,4)	0.916	17.5	0.70	27.2%	20.2±3.1	24.3±1.4	21.2±3.9	21.3%	16.4±2.1	20.1±0.7	17.9±3.0
(10,3)	0.936	13	0.28	7.9%	0	0	0	15.4%	0	0	0
(8,6)	0.966	25	0.49	10.7%	9.9±1.0	9.7±2.6	11.9±1.8	12.0%	11.5±1.0	11.6±3.4	14.3±1.9
(9,5)	0.976	21	0.28	5.1%	0	0	0	10.0%	0	0	0
(8,7)	1.032	27.8	0.30	0	8.4±1.9	6.6±1.0	7.3±2.4	0	15.8±3.0	12.9±2.4	14.3±4.3

*calculated intensity factor

FIGURE 16