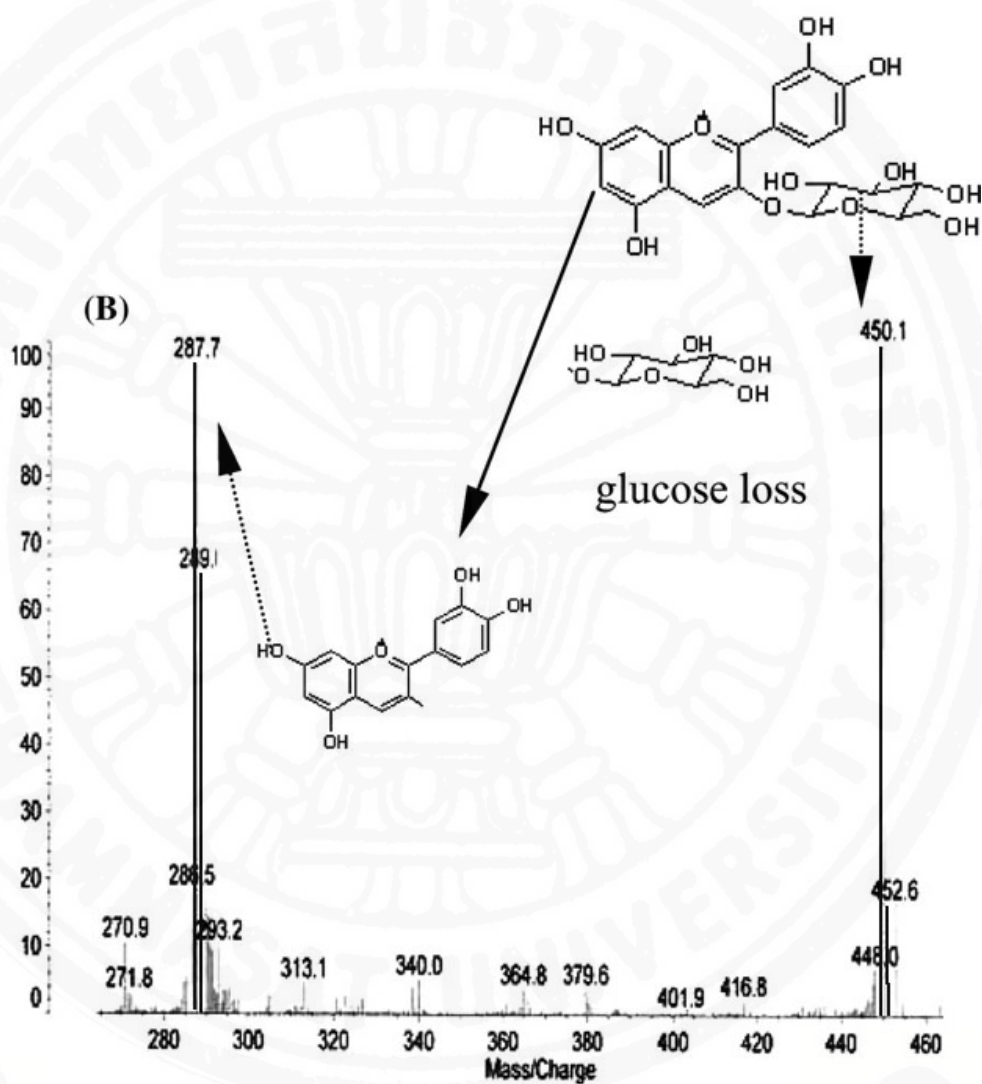


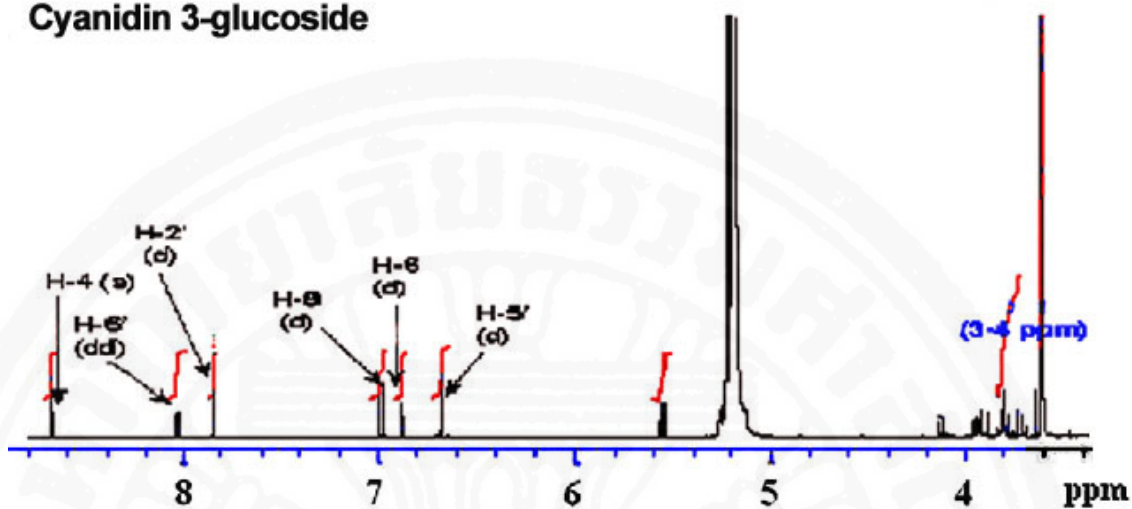
APPENDIX B
MS AND ¹H NMR SPECTRUM



Anthocyanin ^b	MS/MS	
	Molecular ion	Fragment ions ^b
cy 3-glucoside	449	287 (cy)

The MS spectrum of cyanidin 3-glucoside (Robert *et al*, 2007)

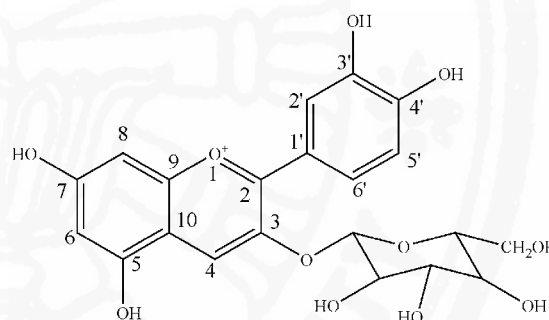
Cyanidin 3-glucoside



Position	Cyanidin 3-glu
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Aglycon	
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4	8.85 <i>s</i>
6	6.66 <i>d</i> (2.0)
8	6.86 <i>d</i> (1.2)
2'	7.97 <i>d</i> (2.4)
3'	
5'	7.00 <i>d</i> (8.8)
6'	8.19 <i>dd</i> (2.4, 8.8)



Glucose	
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1	5.32 <i>d</i> (7.8)
2	3.49 <i>m</i>
3	3.37 <i>t</i>
4	3.23 <i>t</i>
5	3.49 <i>m</i>
6a	3.49 <i>m</i>
6b	3.70 <i>m</i>

The $^1\text{H-NMR}$ spectrum of cyanidin 3-glucoside (Robert *et al*, 2007)