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木	治
浦	惇
村	敬
村	直人

高 利  
相  
中  
河

Toshiharu Takagi

$\text{H}_2\text{N}(\text{CH}_2\text{CH}_2\text{NH})_n\text{CH}_2\text{CH}_2\text{NH}_2$   
Keizo Nakamura

$\text{H}_2\text{N}(\text{CH}_2\text{CH}_2\text{NH})_n\text{CH}_2\text{CH}_2\text{NH}_2$

Table 1. Area ratio of each fraction

8.20	11.32	16.11	11.26
0.21	87.74	98.97	
		0.01	23.26
		68	98.97
		26	25.62

Fraction	Temp.	Area ratio (Peak No.)		
		10	14	15
1	120 C			







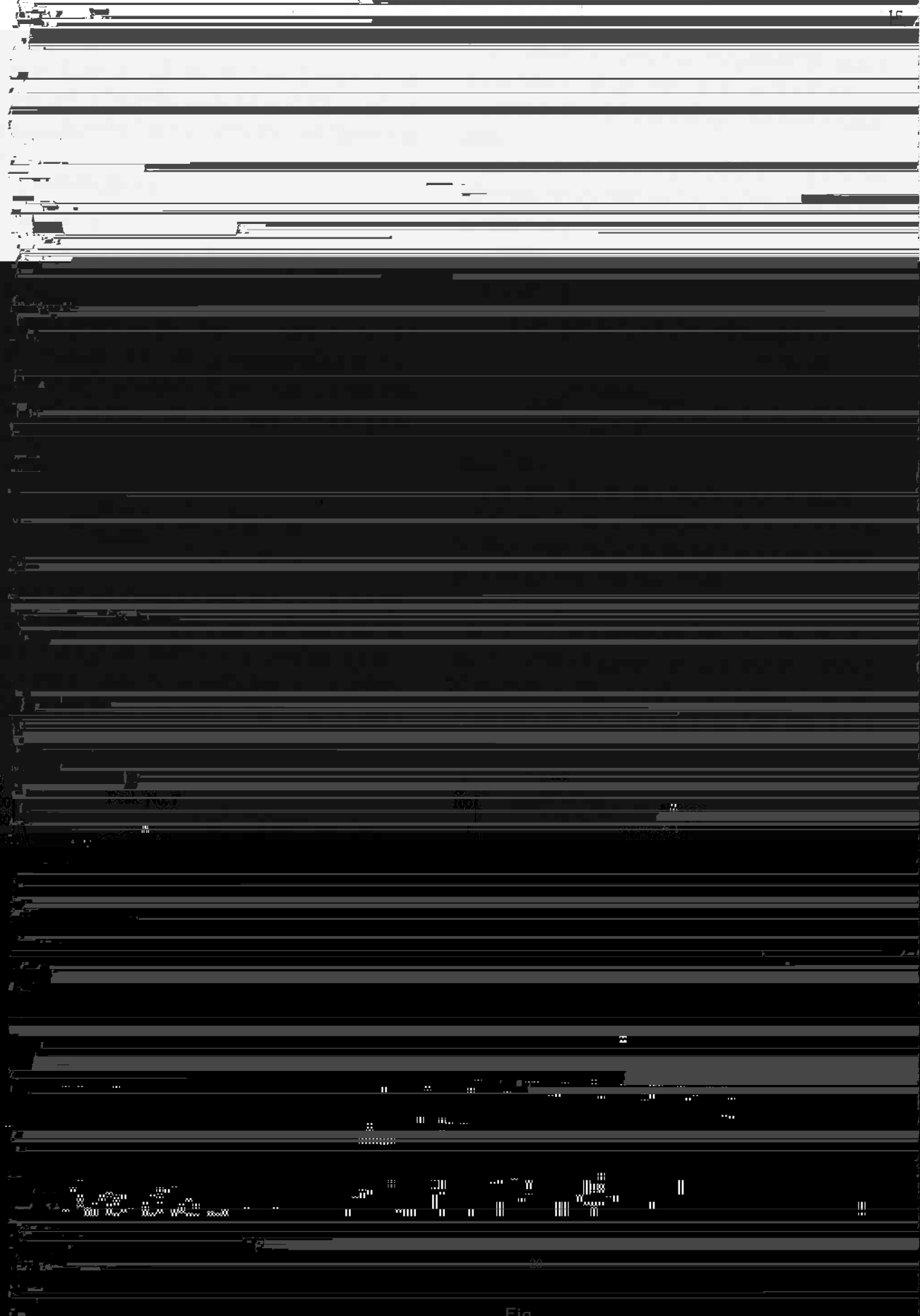
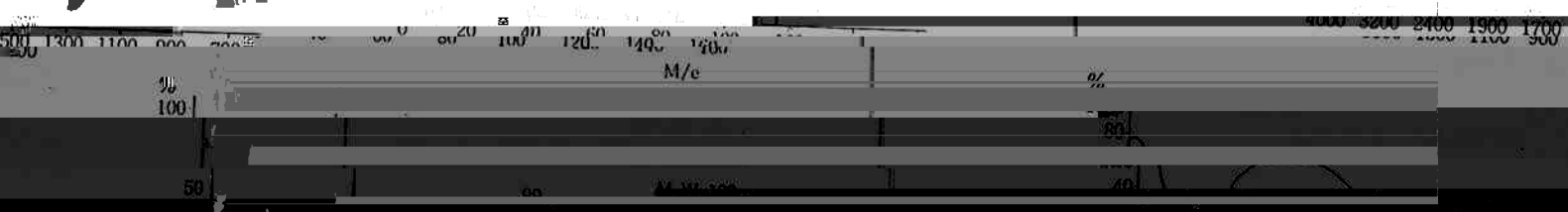
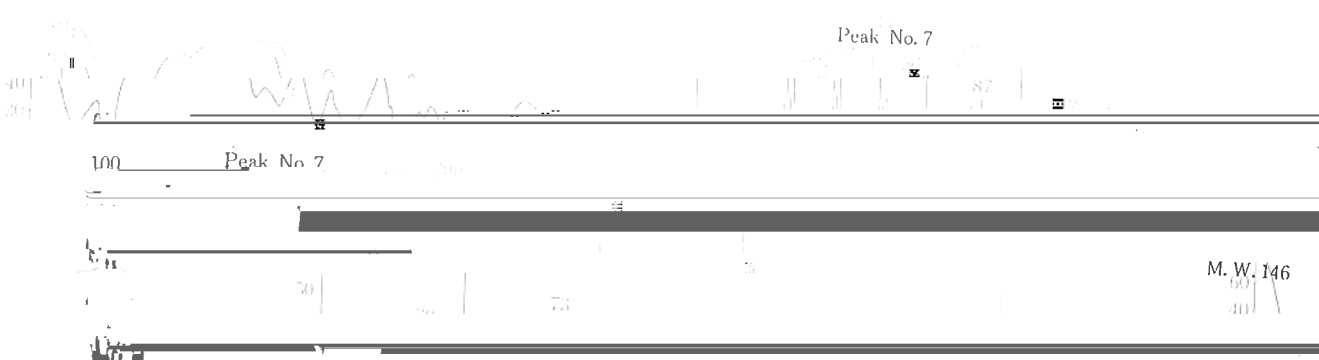


Fig.





Wave Number (cm<sup>-1</sup>)

140 160

Wave Number (cm<sup>-1</sup>)

M/e

40

the H<sub>2</sub>N(CH<sub>2</sub>)<sub>n</sub>NH<sub>2</sub>

20





Table 4 Estimated compounds after Peak No. 17



Pentaethylenehexamine



Symmetrical diaminoethanol

CH<sub>2</sub>