Friday + Saturday

Action of RNase on microsomal RNA

used RNase sol. of J.D.S., estimated at 1 mg/ml
used Mahlon RNA ④ from MX.

Incubation mixture:
- .6 ml RNA (~ 2mg/ml)
- .5 ml medium
- .1 ml of diluted RNase (~ 10γ/ml) = 1γ

1.2

took accurate 0.1 ml aliquots: add 5.0 ml H_2O to each. measured OD_{260}

Time minutes	2/3	2	5	10	15	25	40	80	near clay
OD_{260}	.605	.613	(.642)	.655	.666	.673	.679	.683	.715

incubated at room temp. (18 to 20°C?)

may not be reliable.

Thus we need about 1/100th of this. Thus did second expt. diluted RNase, again in medium, to ~ 1/40 γ/ml

Tubes	A	B	C
RNA ④	.3	.3	.3
RNase (1/40 γ/ml)	.1	.2	.3
medium	.2	.1	.0
	.244	.241	.247
OD_{260} at start 0 to 5 min.	.272	.268	.287
	.286	.265	.271

tubes corked and left at room temp. aliquot .1 ml added to 10 ml H_2O

[12.0 midday Sat.]

~ 4.30 pm Sunday

28½
60
17 10
5

Results on Monday
confusing - didn't behave there.