Filename: 2018-10-29 - 15.20.26.RNA

Default image (Contrast 100%)
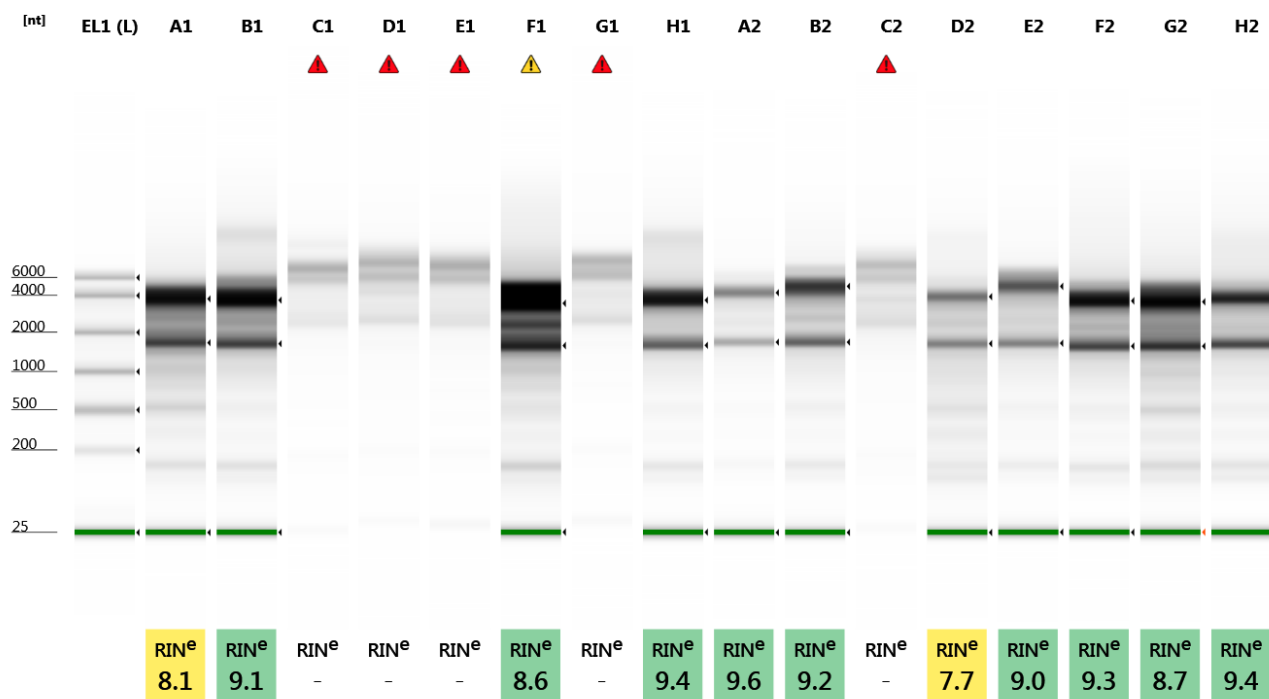
Sample Info

	Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
	EL1	-	-	84.9	Electronic Ladder		Ladder
F1	A1	8.1	1.2	468	1		
F2	B1	9.1	2.5	478	2		
F3	C1	-	-		3	▲	Marker(s) not detected
F4	D1	-	-		4	▲	Marker(s) not detected
FK1	E1	-	-		5	▲	Marker(s) not detected
FK2	F1	8.6	1.9	765	6	⚠	RNA concentration outside recommended range for RINe
FK3	G1	-	-		7	▲	Marker(s) not detected
FK4	H1	9.4	2.6	294	8		
KL3974	A2	9.6	2.0	98.9	9		
KL3975	B2	9.2	2.1	268	10		
KL3962	C2	-	-		11	▲	Marker(s) not detected
KL3461	D2	7.7	1.5	205	12		
KL3976	E2	9.0	2.1	199	13		
KL3960	F2	9.3	2.3	371	14		
KL3558	G2	8.7	2.6	459	15		
KL3462	H2	9.4	1.9	274	16		

EL1: Electronic Ladder
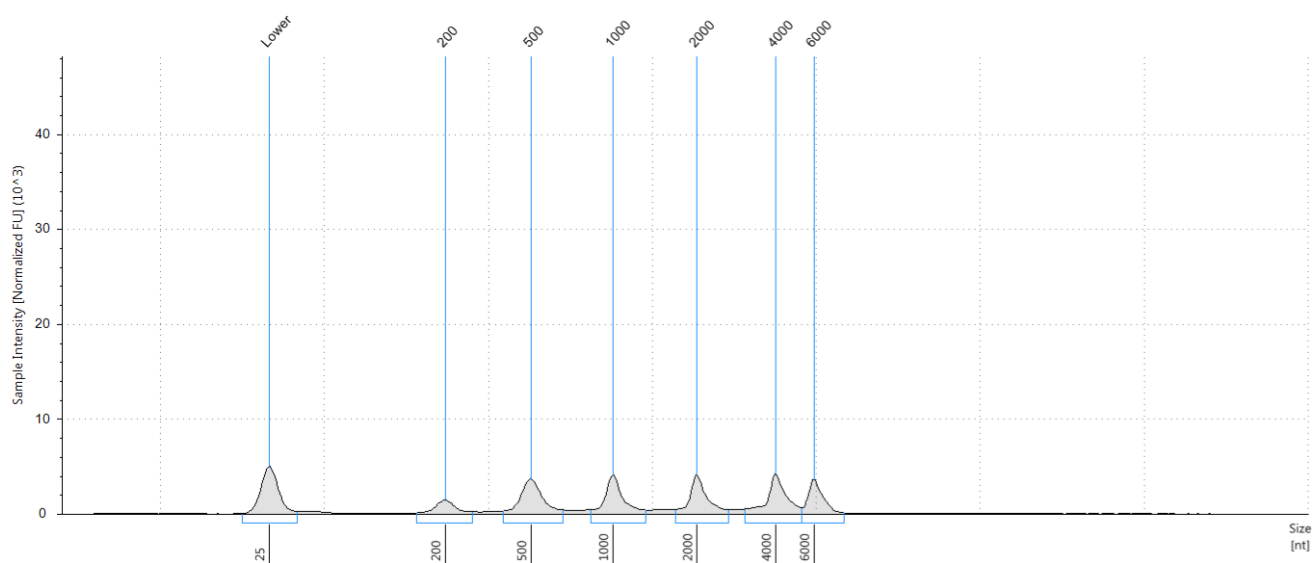
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
EL1	-	-	84.9	Electronic Ladder		Ladder

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
200	5.94	-	87.4	7.80		
500	15.9	-	93.6	20.88		
1000	14.2	-	41.8	18.62		
2000	13.8	-	20.3	18.11		
4000	15.5	-	11.4	20.38		
6000	10.8	-	5.31	14.22		

A1: 1
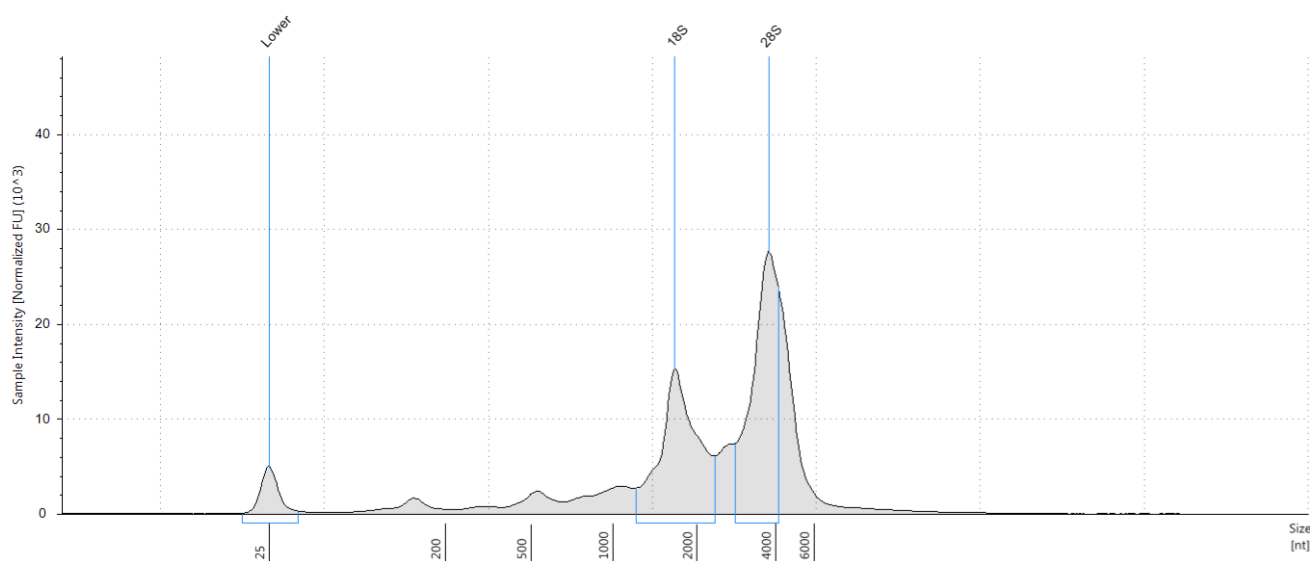
Sample Table

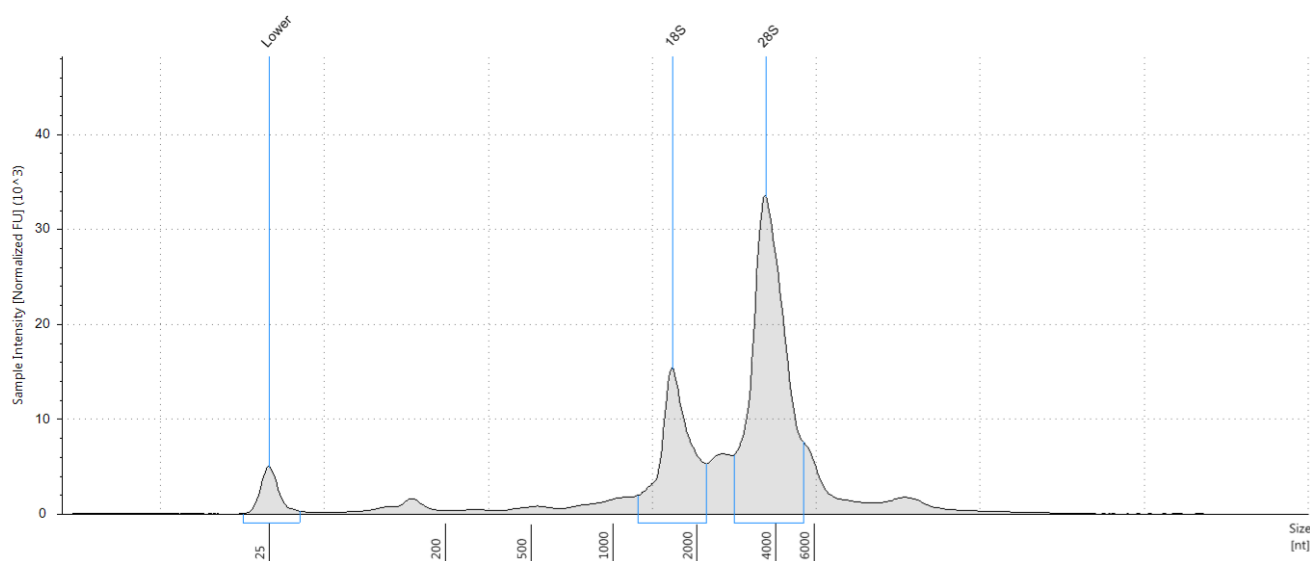| Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A1	8.1	1.2	468	1		

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1665	125	-	220	44.69		18S
3760	154	-	121	55.31		28S
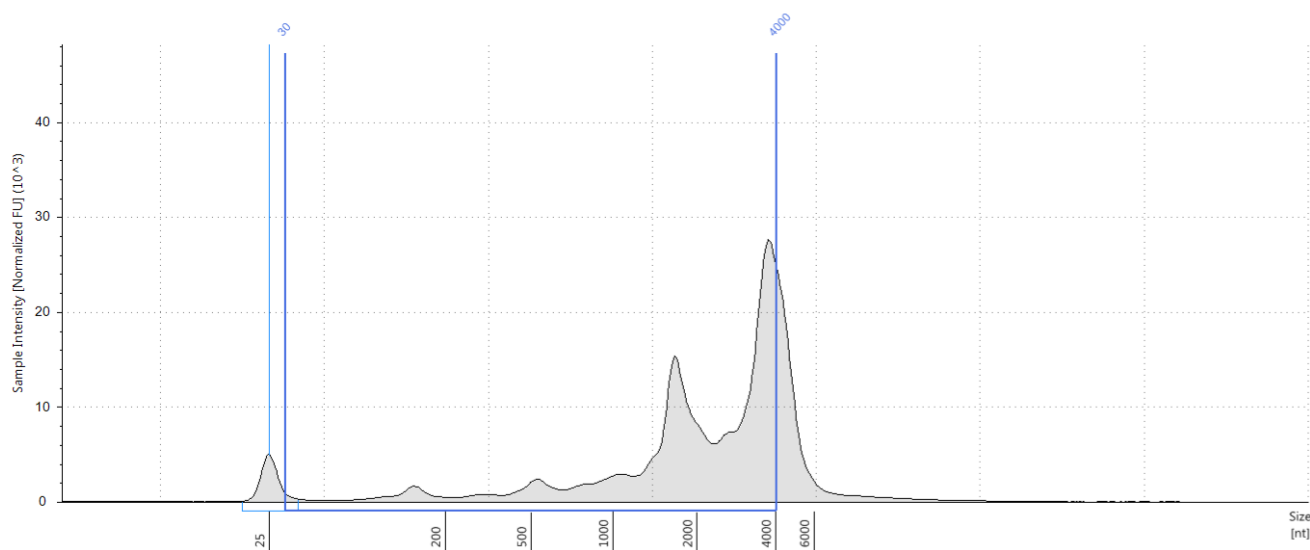
Region Table

From [nt]	To [nt]	Average Size [nt]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
30	4000	2895	366	372	78.19		■

B1: 2

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
B1	9.1	2.5	478	2		

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1640	98.3	-	176	28.52		18S
3677	246	-	197	71.48		28S
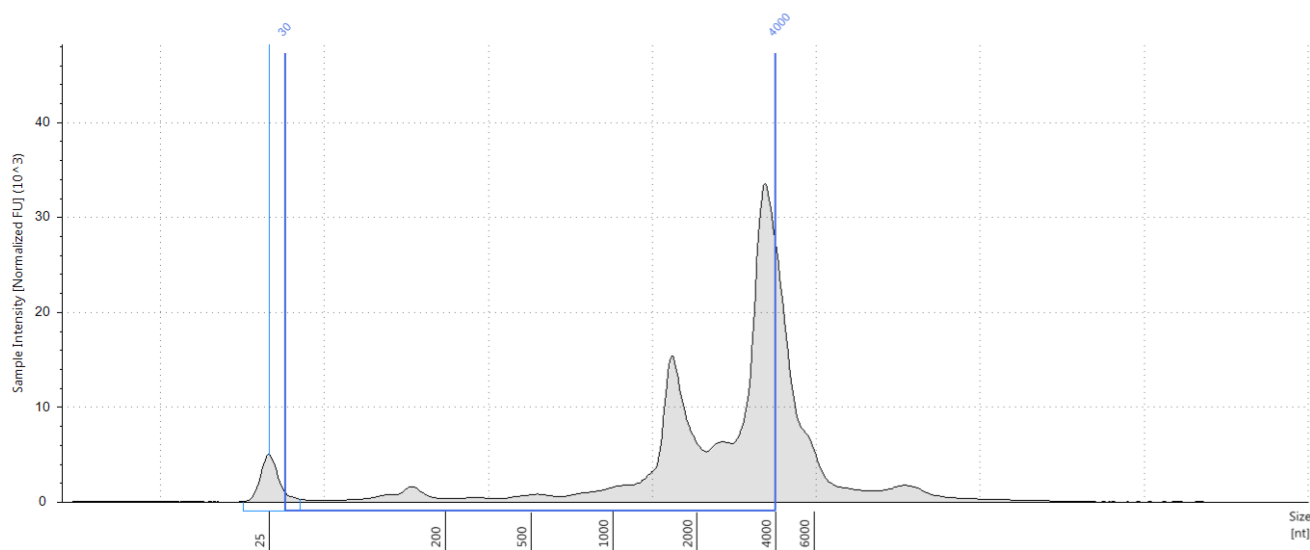
Region Table

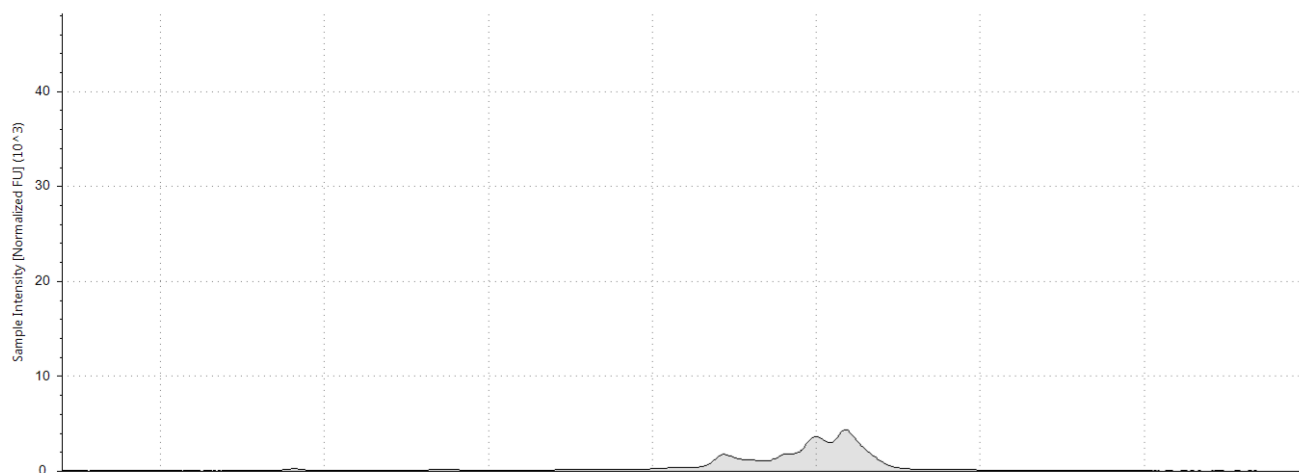| From [nt]	To [nt]	Average Size [nt]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
30	4000	3035	337	326	70.47		■

C1: 3
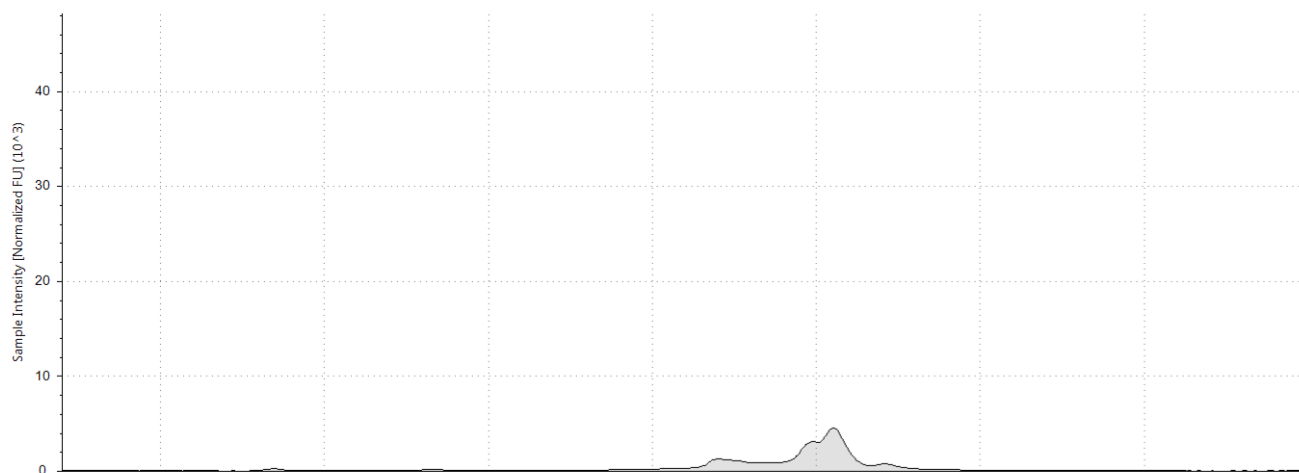
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
C1	-	-		3	▲	Marker(s) not detected

D1: 4

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
D1	-	-		4	🔺	Marker(s) not detected

E1: 5
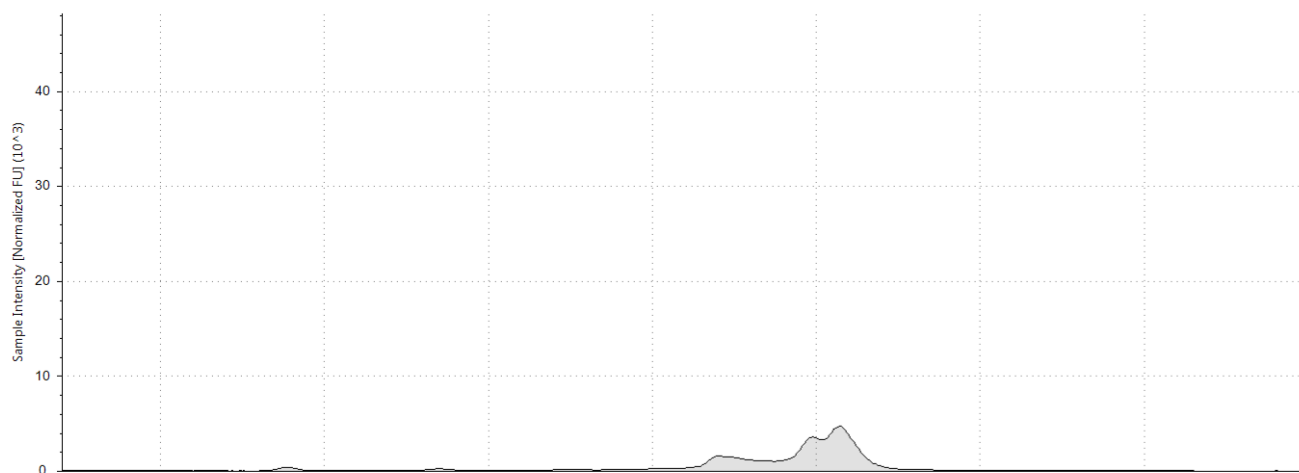
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
E1	-	-		5	▲	Marker(s) not detected

F1: 6
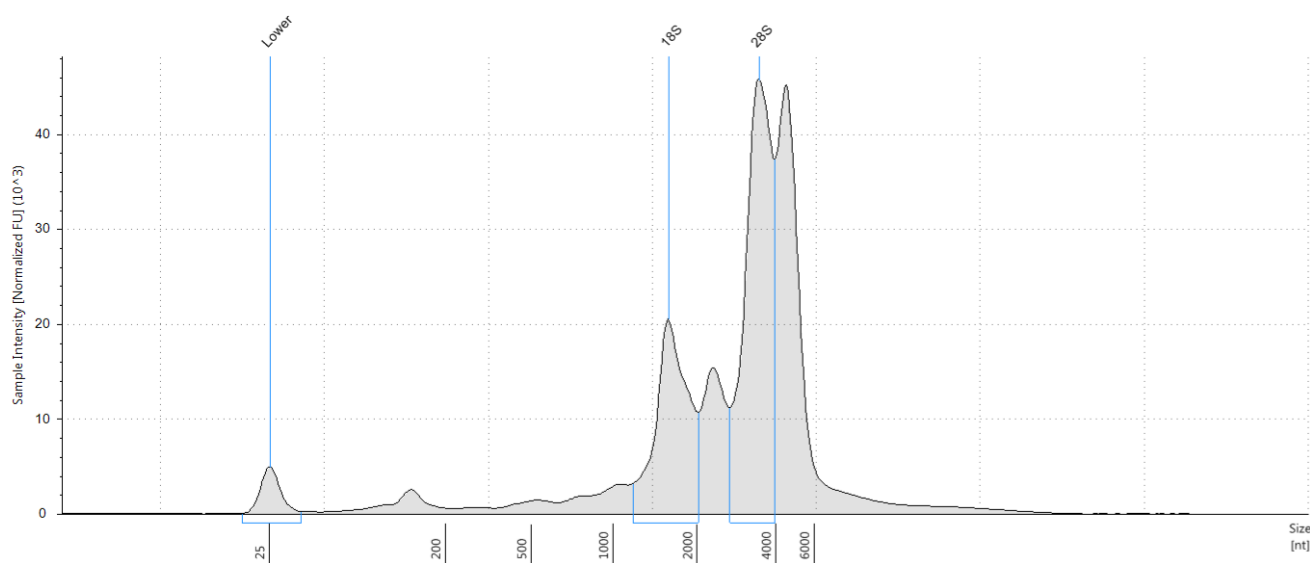
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
F1	8.6	1.9	765	6	⚠	RNA concentration outside recommended range for RINe

Peak Table

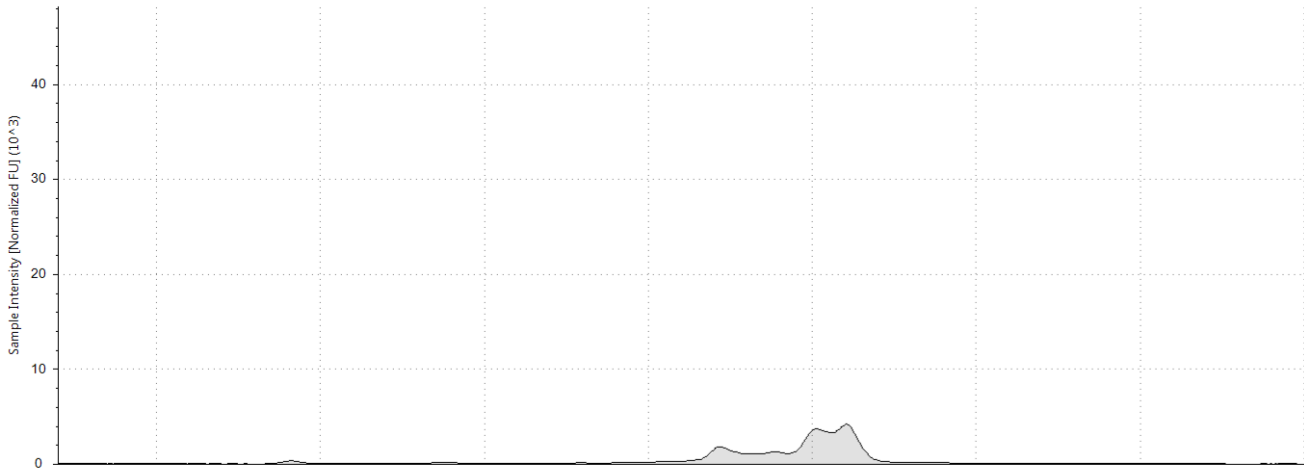| Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1576	134	-	249	34.86		18S
3442	250	-	213	65.14		28S
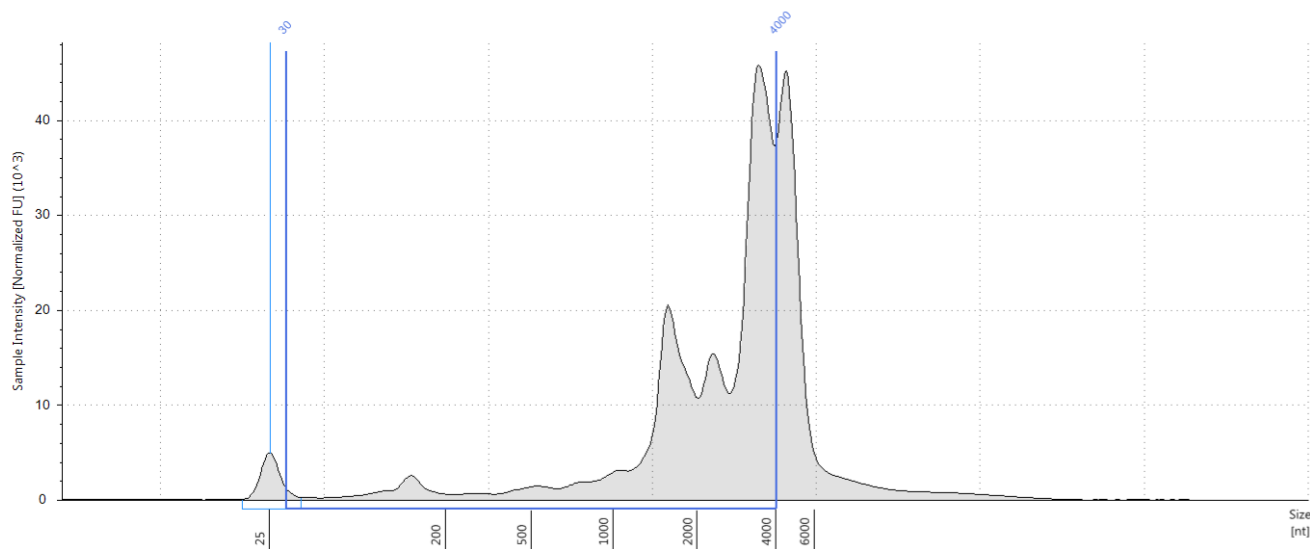
Region Table

From [nt]	To [nt]	Average Size [nt]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
30	4000	2963	536	532	69.98		🟦

G1: 7

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
G1	-	-		7	▲	Marker(s) not detected

H1: 8
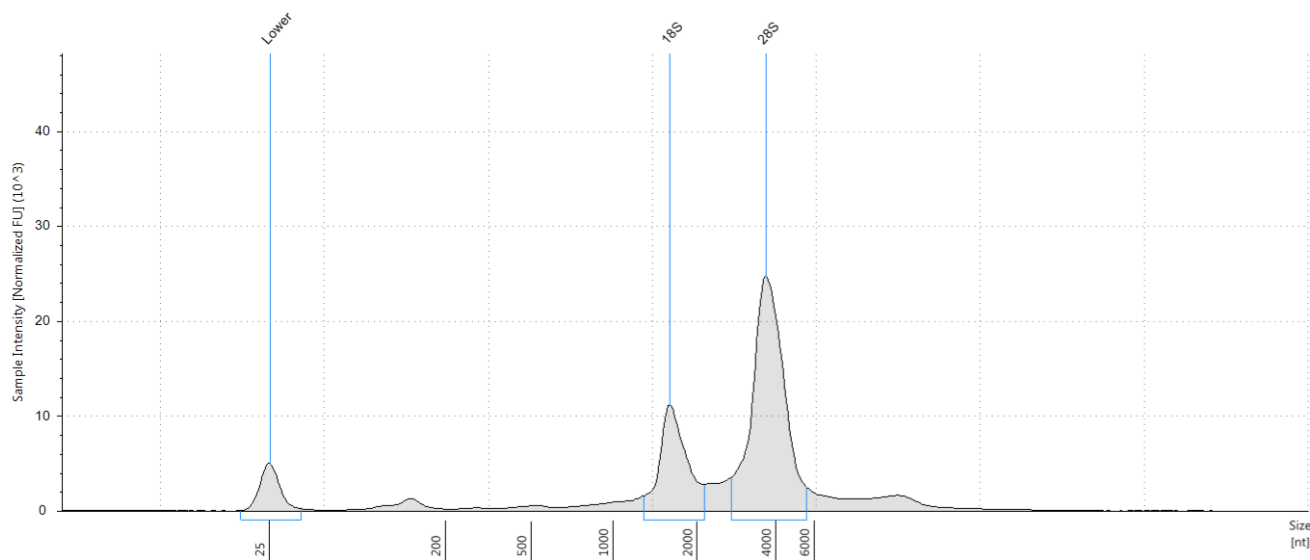
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
H1	9.4	2.6	294	8		

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1592	59.9	-	111	27.40		18S
3668	159	-	127	72.60		28S
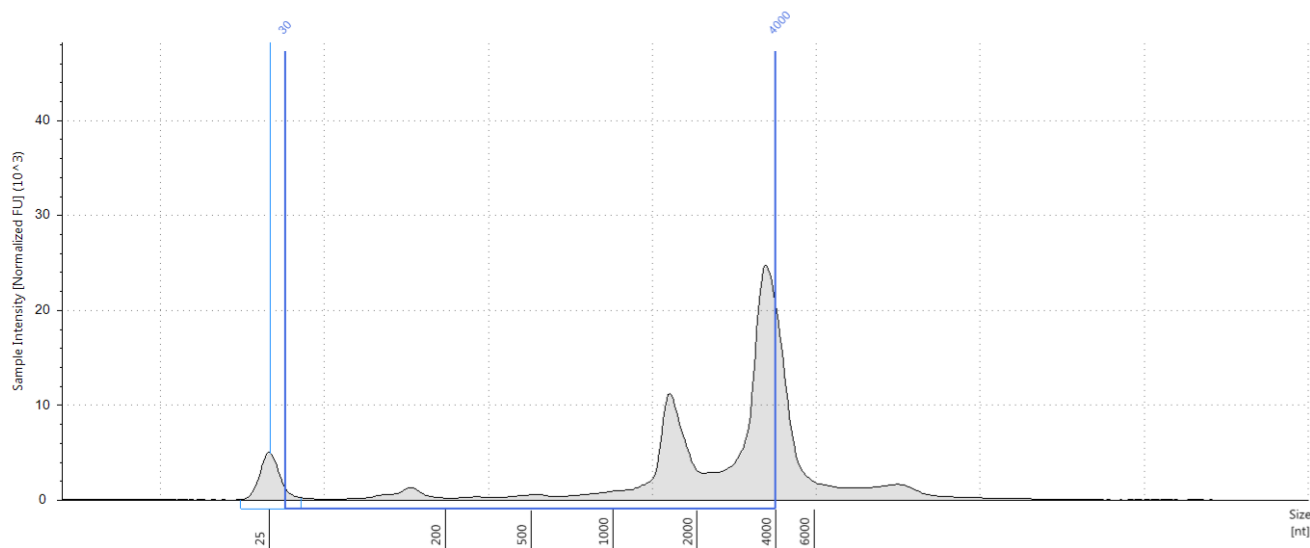
Region Table

From [nt]	To [nt]	Average Size [nt]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
30	4000	3105	214	202	72.62		■

A2: 9

Sample Table

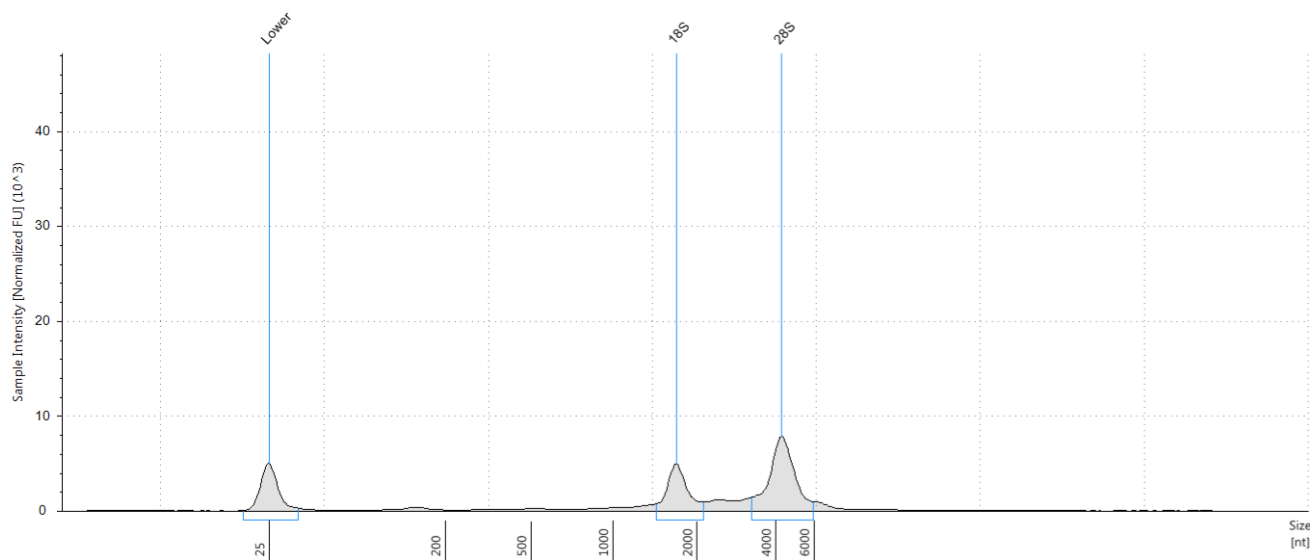| Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A2	9.6	2.0	98.9	9		

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1689	23.0	-	40.1	33.34		18S
4289	46.1	-	31.6	66.66		28S
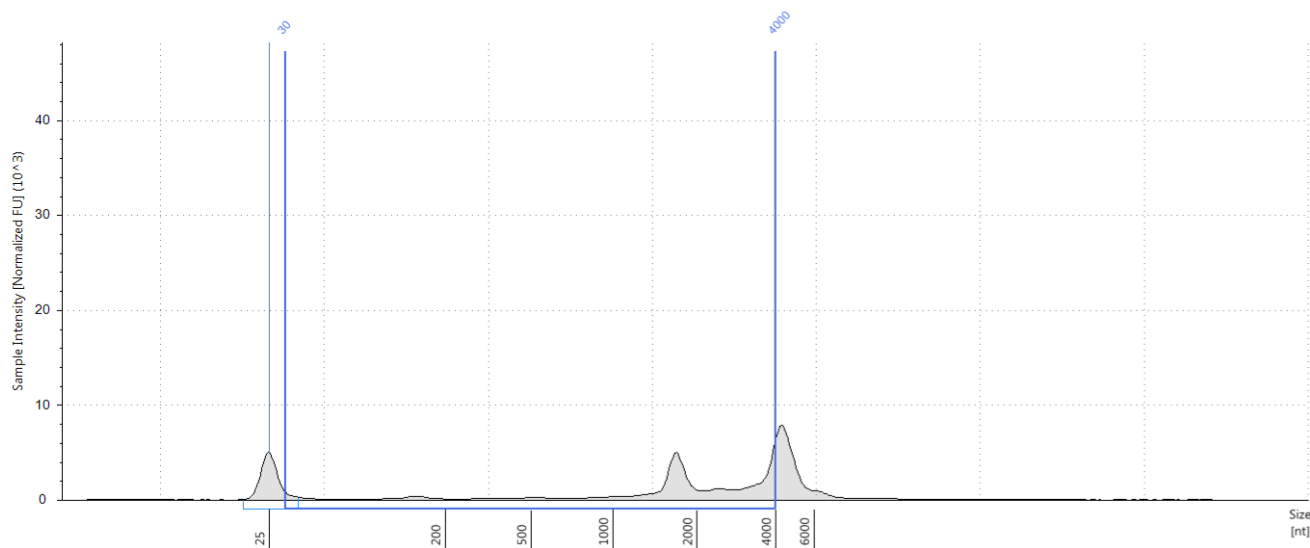
Region Table

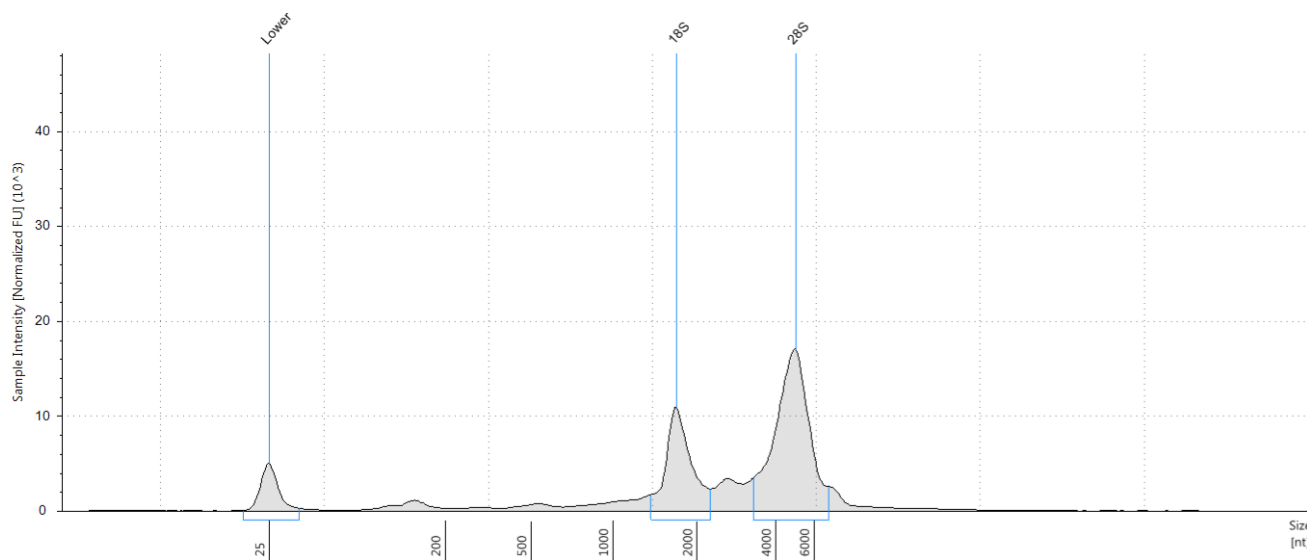| From [nt]	To [nt]	Average Size [nt]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
30	4000	2713	60.4	65.5	61.10		▪

B2: 10

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
B2	9.2	2.1	268	10		

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1683	62.1	-	108	31.95		18S
4932	132	-	78.8	68.05		28S
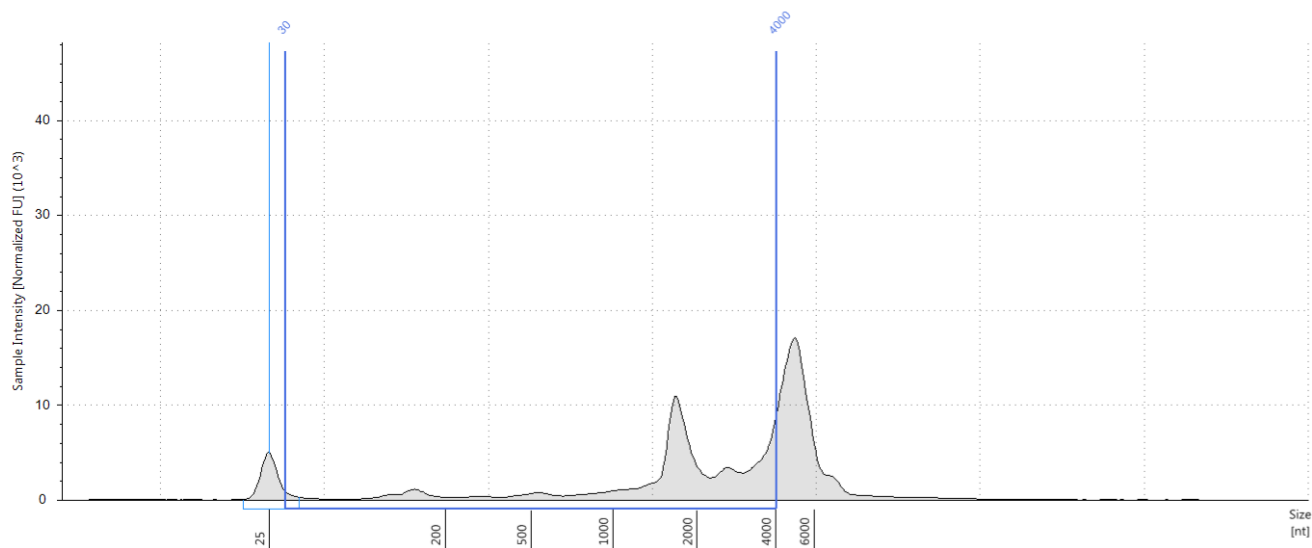
Region Table

From [nt]	To [nt]	Average Size [nt]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
30	4000	2591	147	167	54.68		■

C2: 11
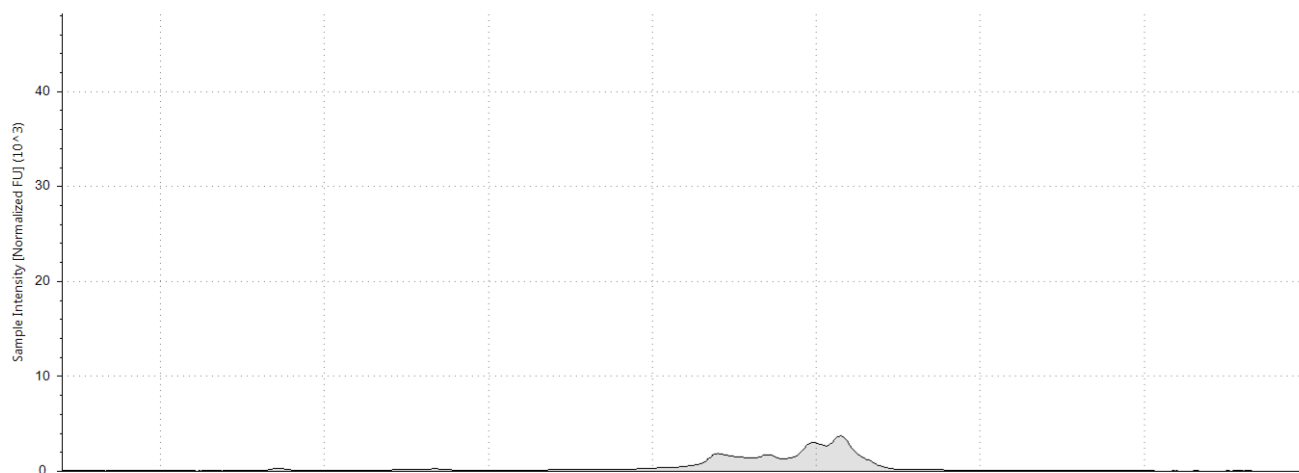
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
C2	-	-		11	▲	Marker(s) not detected

D2: 12
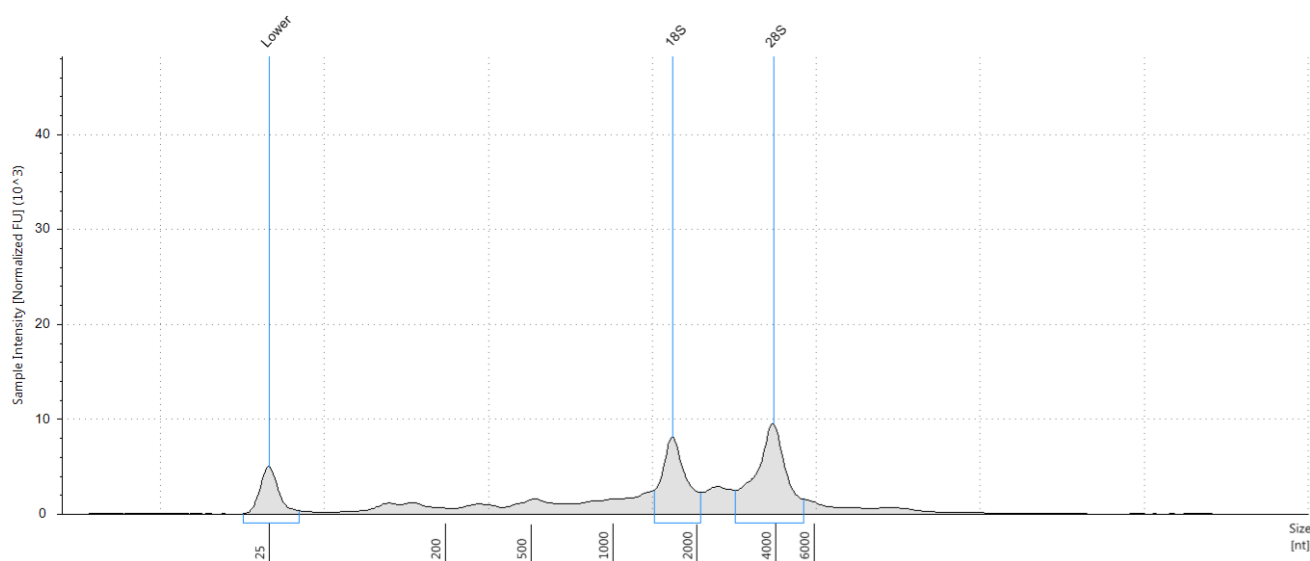
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
D2	7.7	1.5	205	12		

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1639	41.9	-	75.1	40.17		18S
3917	62.4	-	46.8	59.83		28S
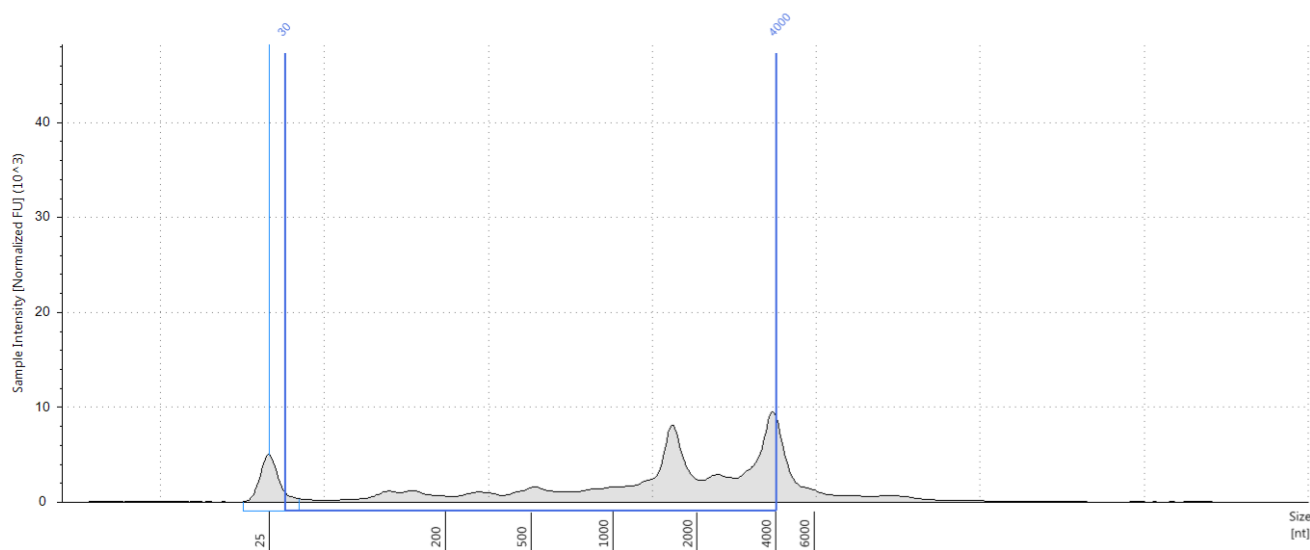
Region Table

From [nt]	To [nt]	Average Size [nt]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
30	4000	2647	166	184	80.93		■

E2: 13

Sample Table

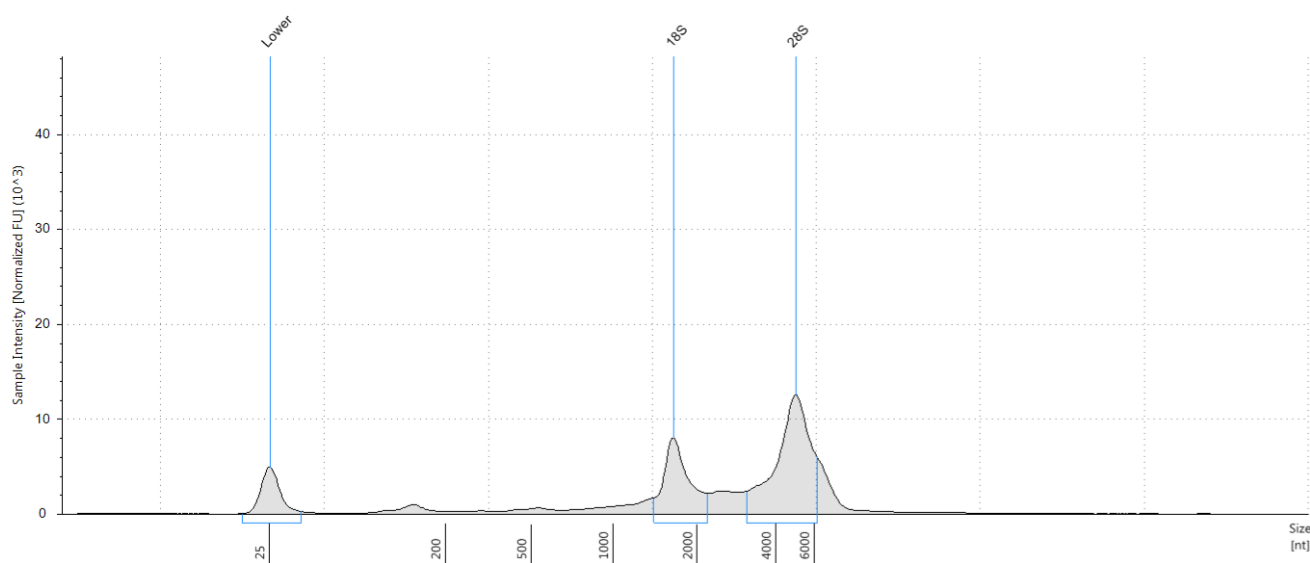| Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
E2	9.0	2.1	199	13		

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1647	42.2	-	75.4	32.19		18S
4908	88.9	-	53.3	67.81		28S
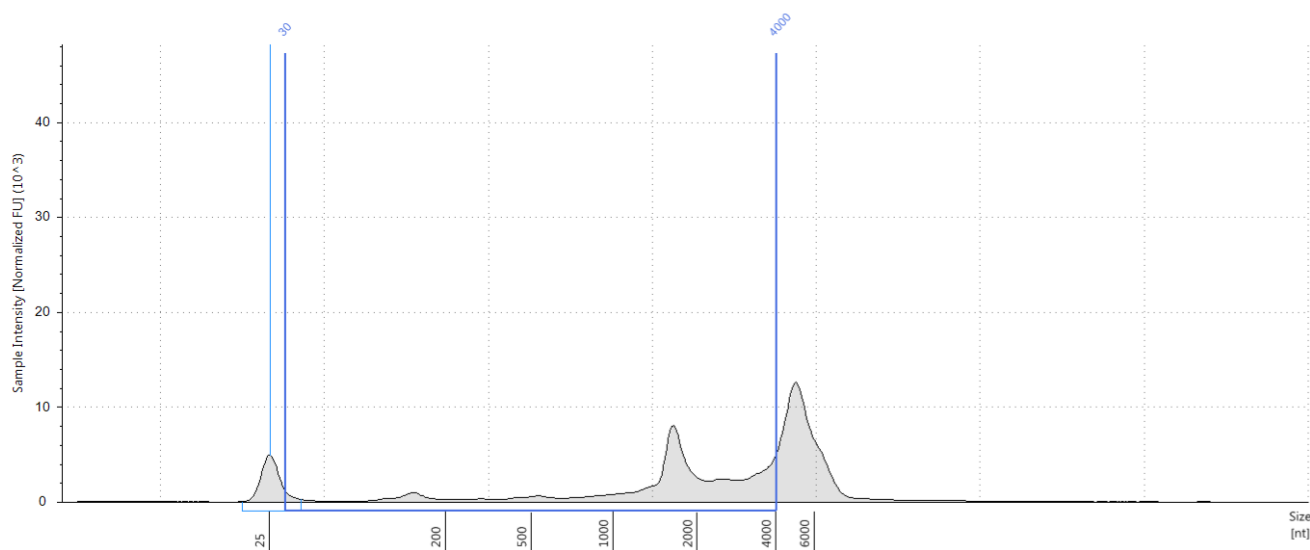
Region Table

From [nt]	To [nt]	Average Size [nt]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
30	4000	2495	107	126	53.82		■

F2: 14

Sample Table

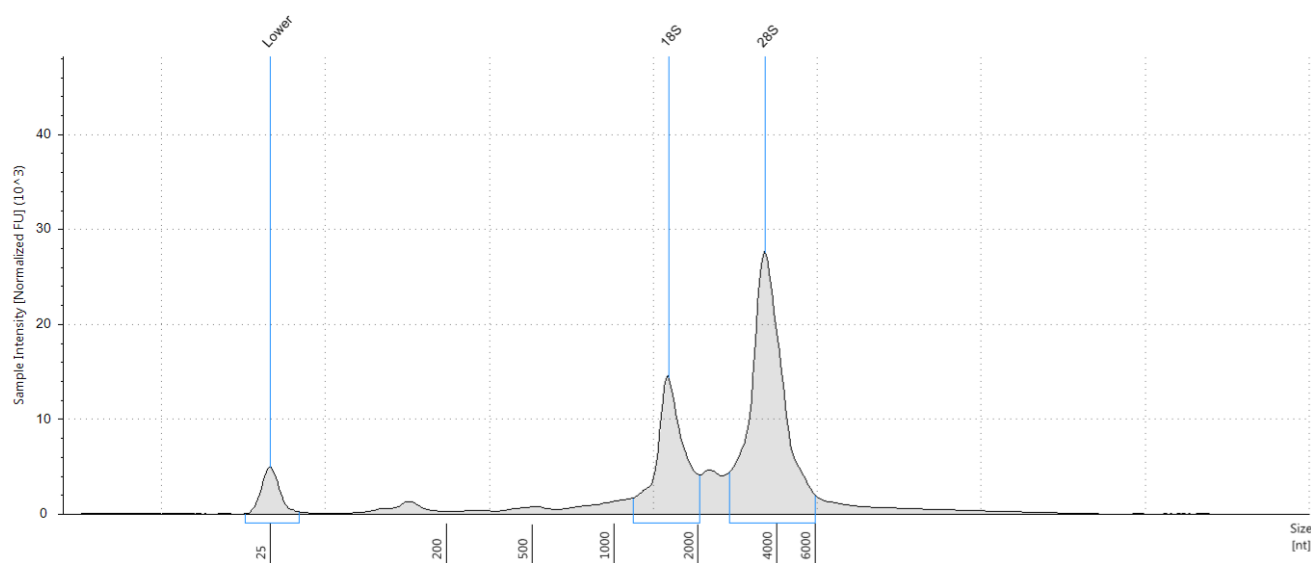| Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
F2	9.3	2.3	371	14		

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1565	86.2	-	162	30.20		18S
3613	199	-	162	69.80		28S
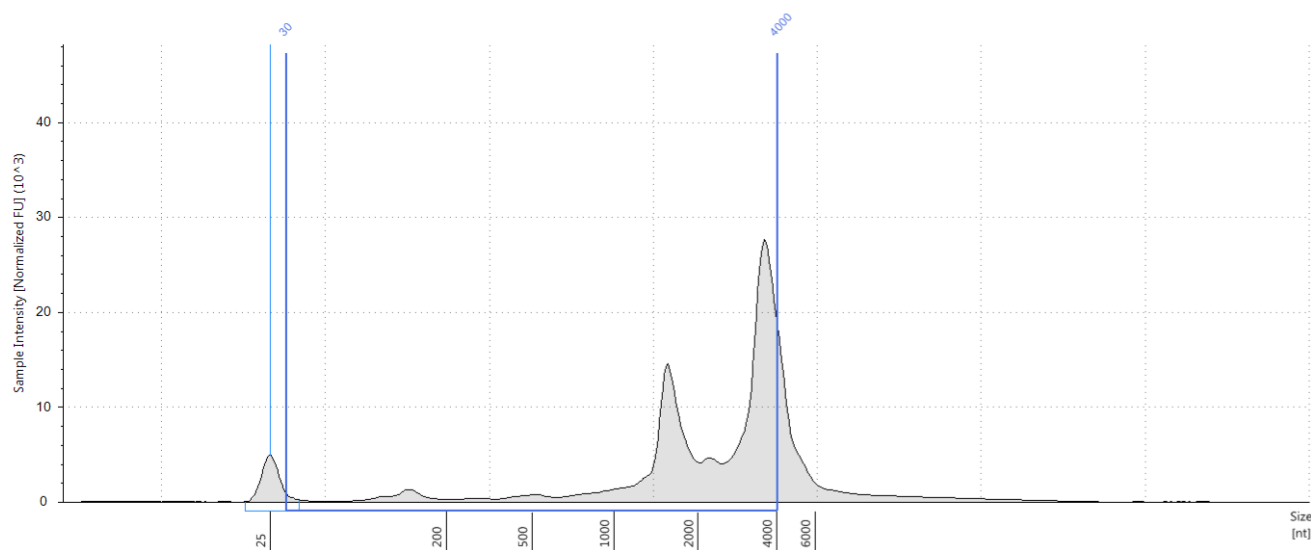
Region Table

From [nt]	To [nt]	Average Size [nt]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
30	4000	2996	291	286	78.44		◼

G2: 15

Sample Table

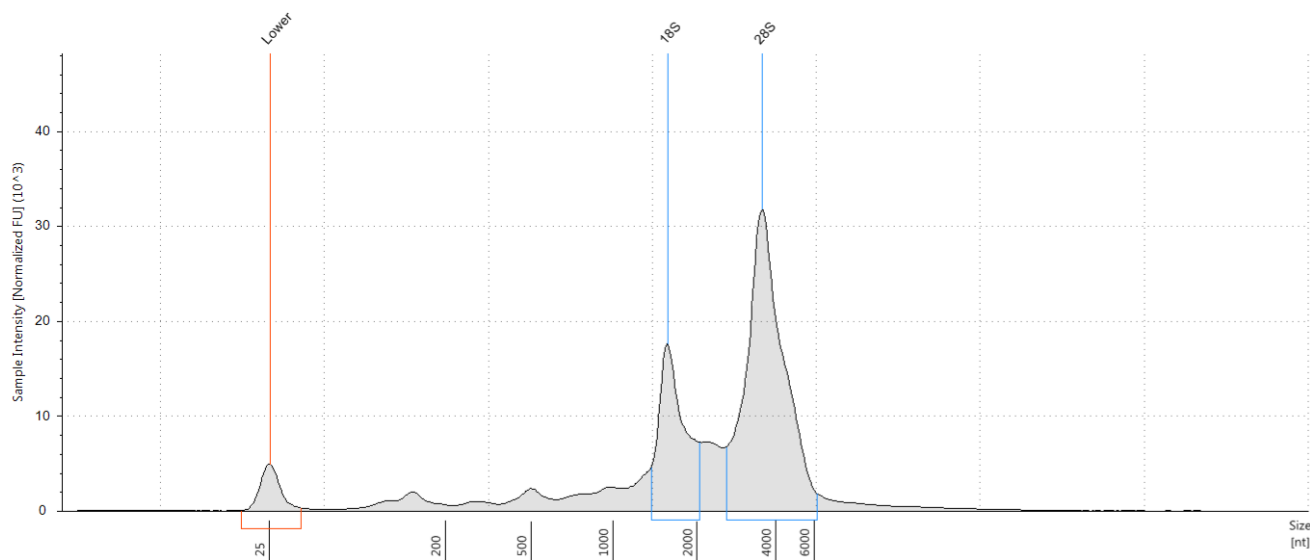| Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
G2	8.7	2.6	459	15		

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1562	91.7	-	173	27.66		18S
3544	240	-	199	72.34		28S
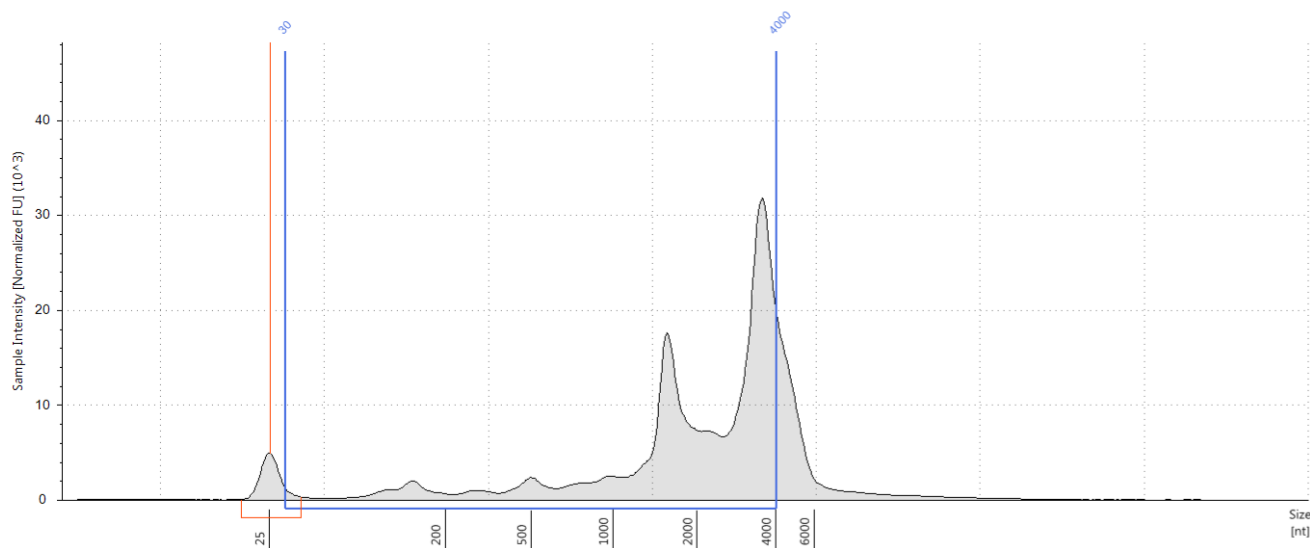
Region Table

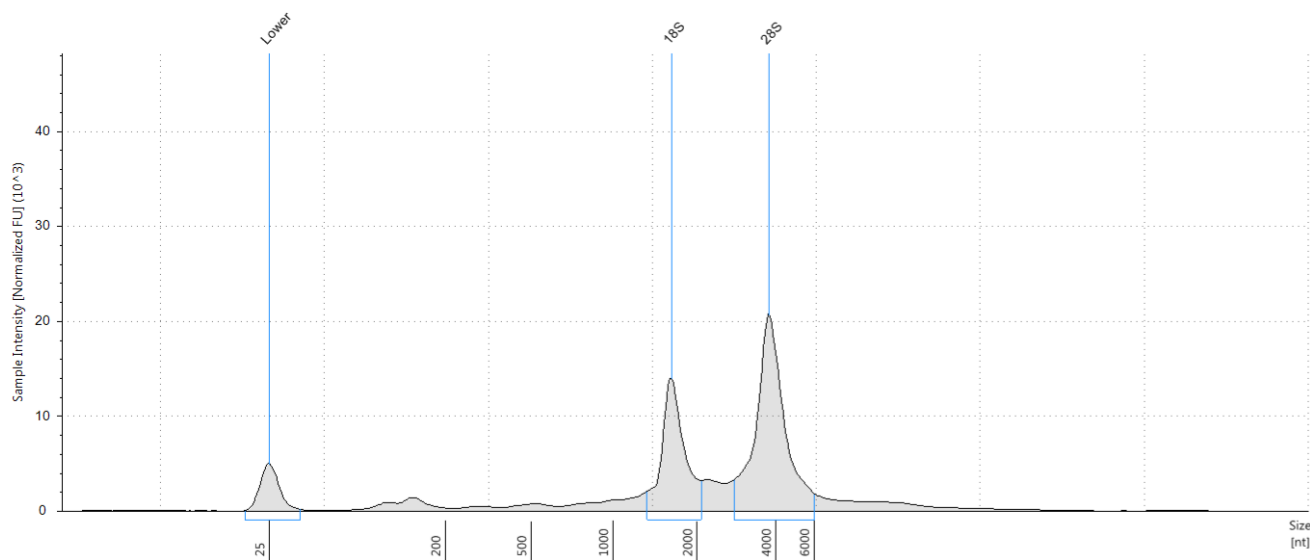| From [nt]	To [nt]	Average Size [nt]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
30	4000	2897	371	377	80.78		■

H2: 16

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
H2	9.4	1.9	274	16		

Peak Table

Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1624	66.4	-	120	34.64		18S
3788	125	-	97.3	65.36		28S
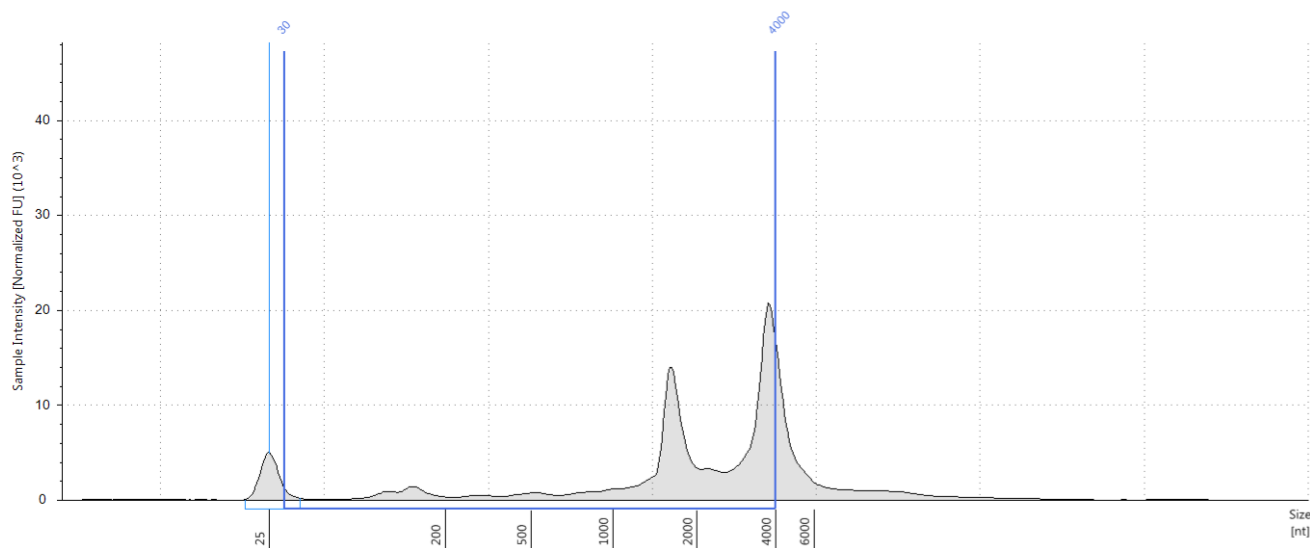
Region Table

From [nt]	To [nt]	Average Size [nt]	Conc. [ng/µl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
30	4000	2923	204	205	74.37		■