Filename: 2021-03-18 - 11.13.54.RNA
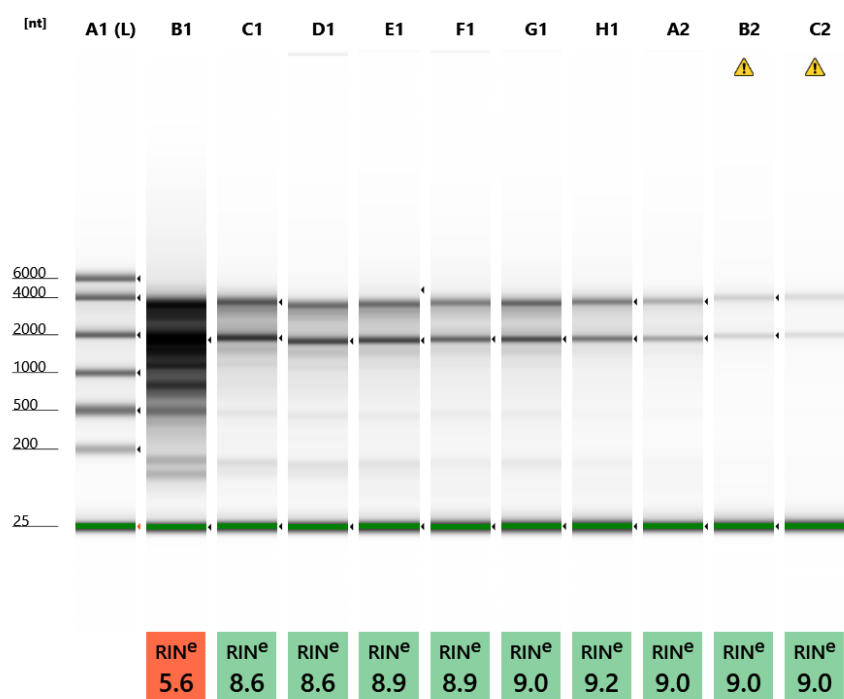

Default image (Contrast 100%)

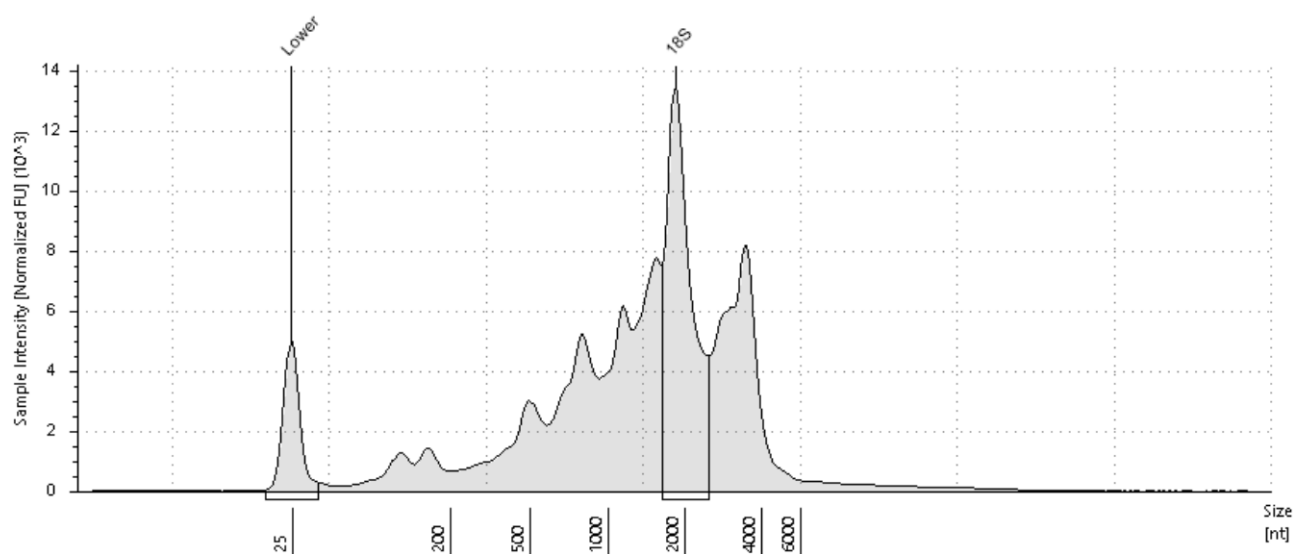## Sample Info

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A1	-	-	92.5	Ladder		Ladder
Bl	5.6	-	378	D3		The upper ribosomal fragment has degraded
Cl	8.6	1.2	87.5	D10		
D1	8.6	-	68.4	D12		The upper ribosomal fragment has degraded
E1	8.9	0.1	64.6	D16		The upper ribosomal fragment has degraded
F1	8.9	-	48.5	D18		The upper ribosomal fragment has degraded
Gl	9.0	-	56.8	D20		The upper ribosomal fragment has degraded
H1	9.2	1.3	37.5	D26		
A2	9.0	1.2	28.9	D28		
B2	9.0	1.3	14.3	D32	⚠	Sample concentration outside functional range for RINe and the assay
C2	9.0	1.4	11.6	D39	⚠	Sample concentration outside functional range for RINe and the assay

A1: Ladder
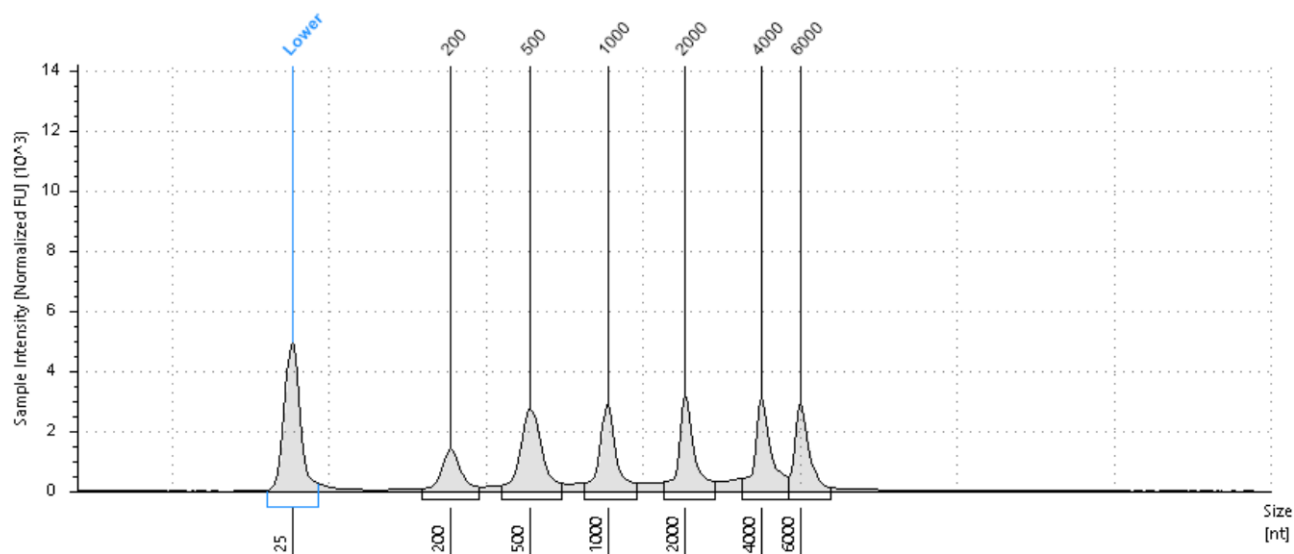
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A1	-	-	92.5	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	8.28	-	122	10.06		
500	17.5	-	103	21.22		
1000	13.8	-	40.6	16.78		
2000	14.8	-	21.7	17.94		
4000	15.2	-	11.2	18.47		
6000	12.8	-	6.26	15.52		

B1: D3

Sample Table

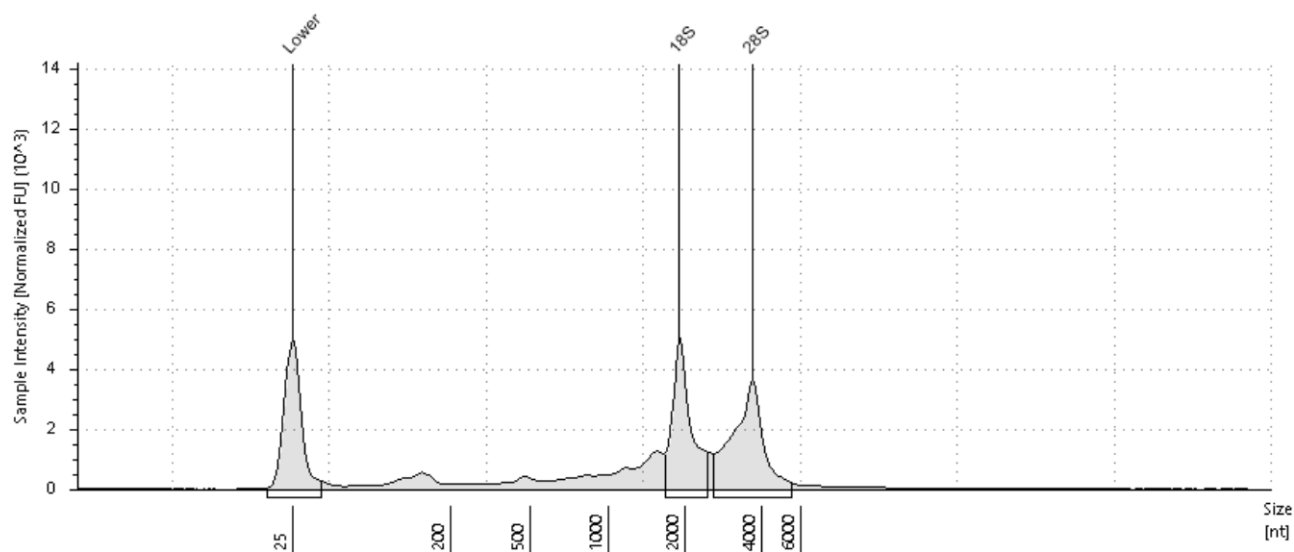| Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
B1	5.6	-	378	D3		The upper ribosomal fragment has degraded

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
1844	95.4	-	152	100.00		18S

C1: D10

Sample Table

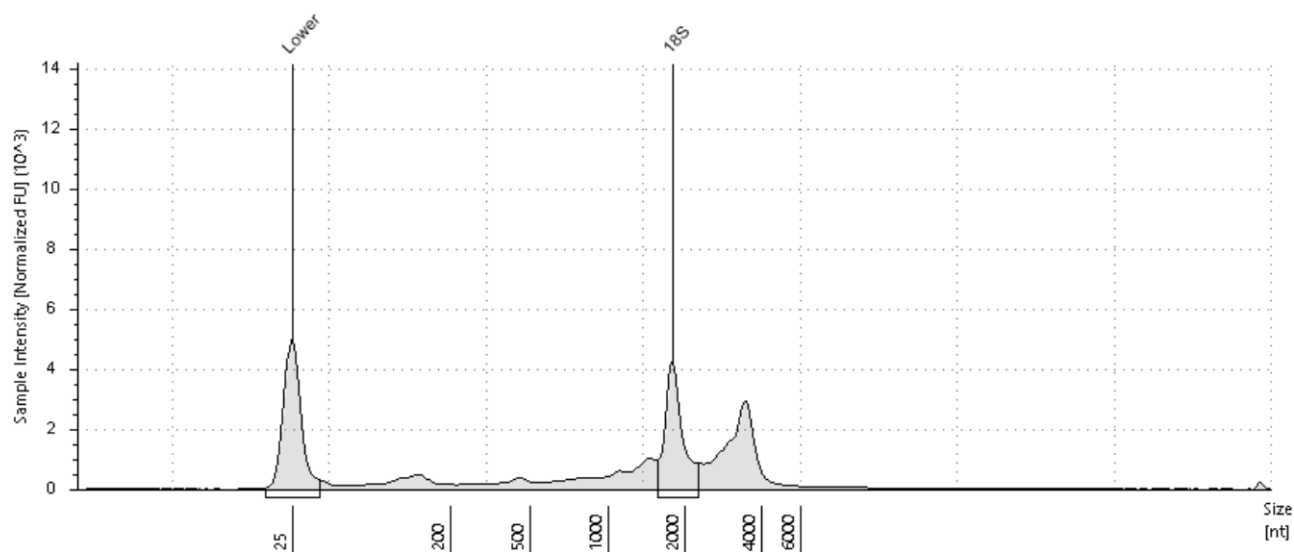| Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
C1	8.6	1.2	87.5	D10		

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
1894	25.0	-	38.8	45.96		18S
3698	29.4	-	23.4	54.04		28S

D1: D12

Sample Table

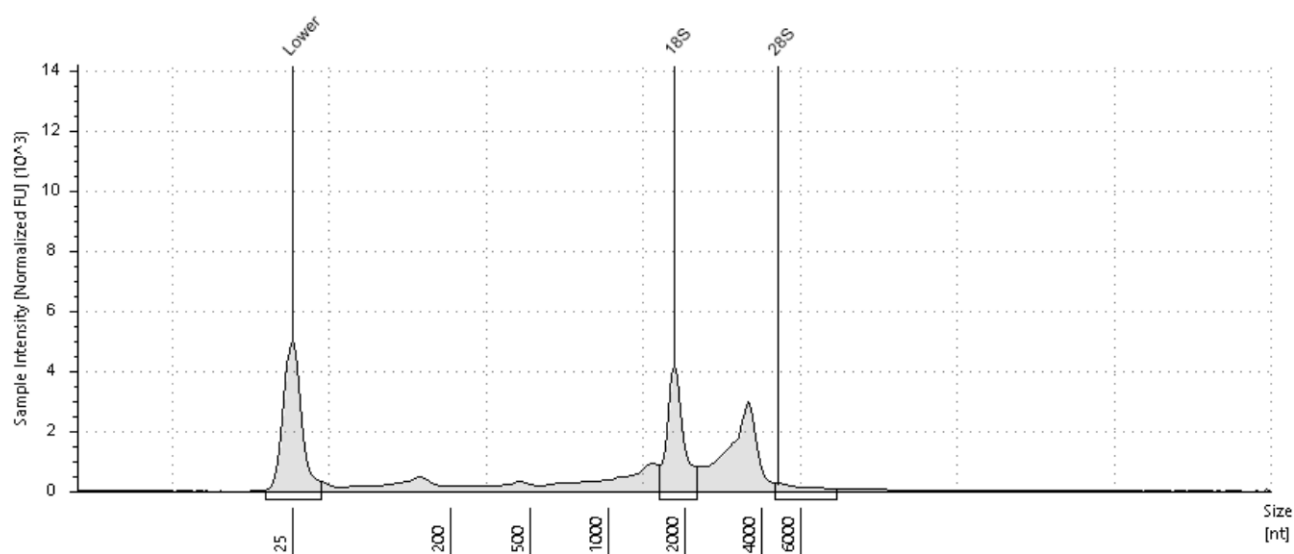| Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
D1	8.6	-	68.4	D12		The upper ribosomal fragment has degraded

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
1798	18.9	-	30.9	100.00		18S

E1: D16

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
E1	8.9	0.1	64.6	D16		The upper ribosomal fragment has degraded

Peak Table

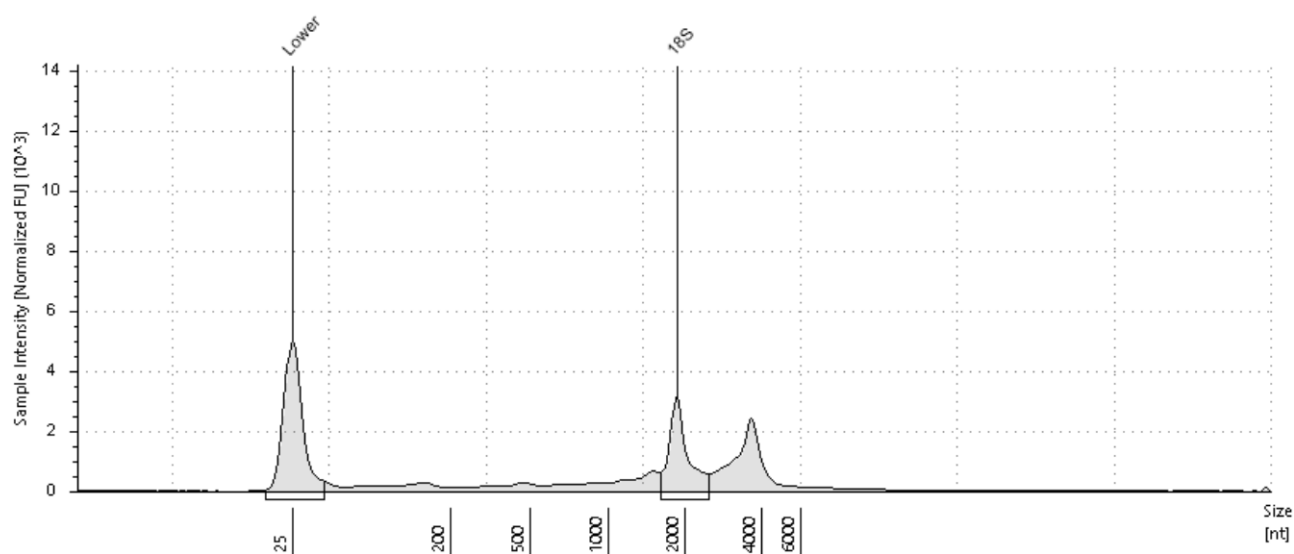| Size [nt]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1807	16.5	-	26.9	89.12		18S
4720	2.02	-	1.26	10.88		28S

F1: D18

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
F1	8.9	-	48.5	D18		The upper ribosomal fragment has degraded

Peak Table

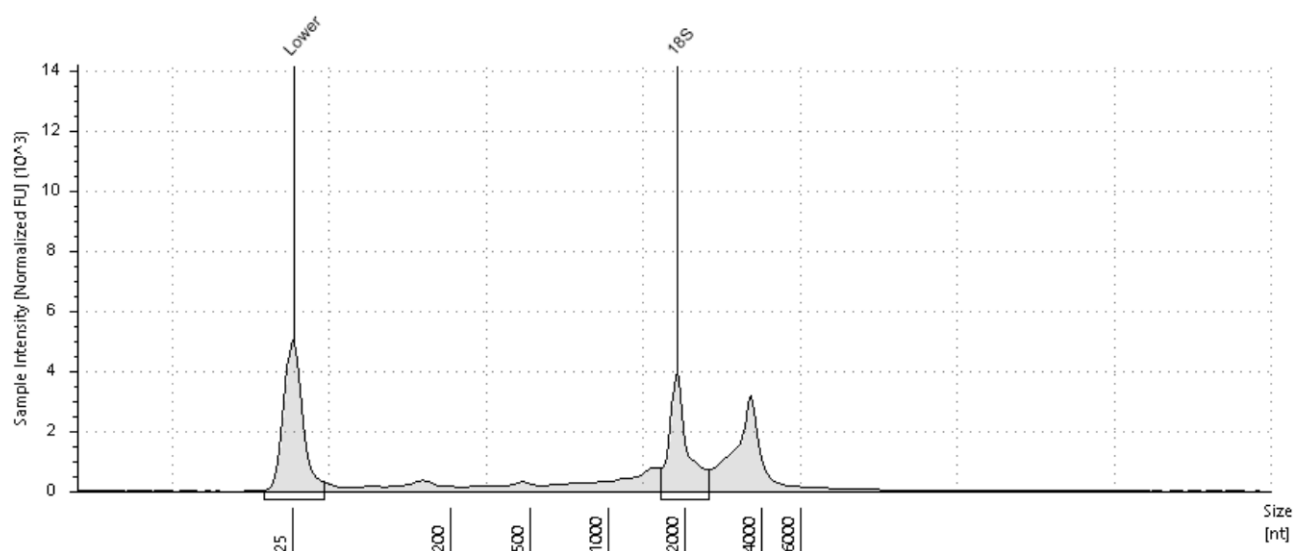| Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	%Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1855	13.6	-	21.5	100.00		18S

G1: D20

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
Gl	9.0	-	56.8	D20		The upper ribosomal fragment has degraded

Peak Table

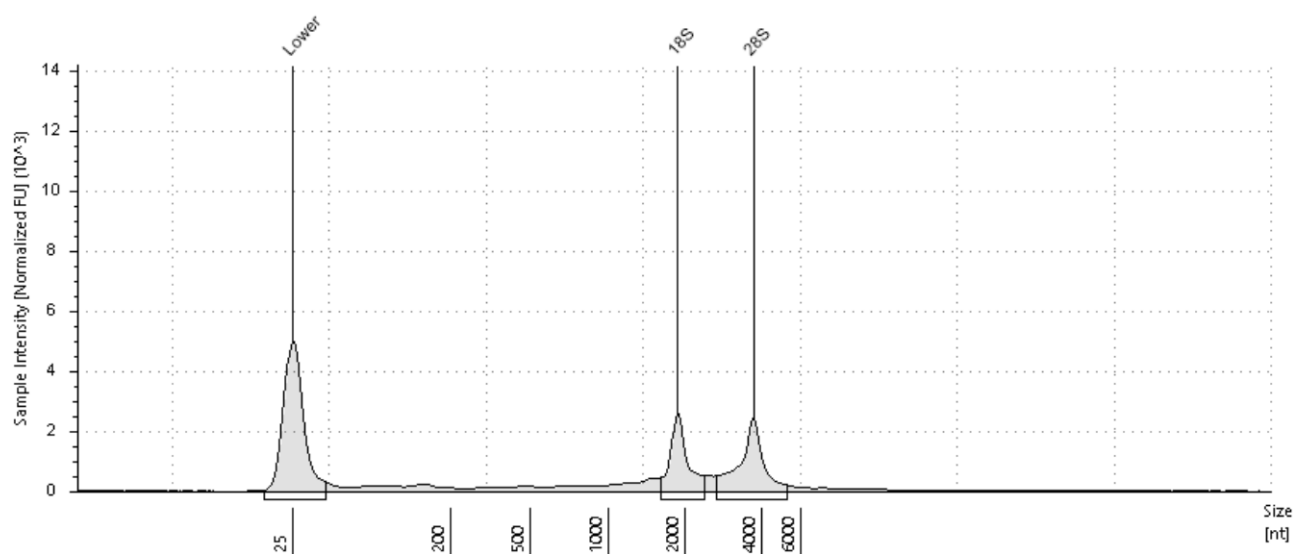| Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1847	16.6	-	26.4	100.00		18S

H1: D26

Sample Table

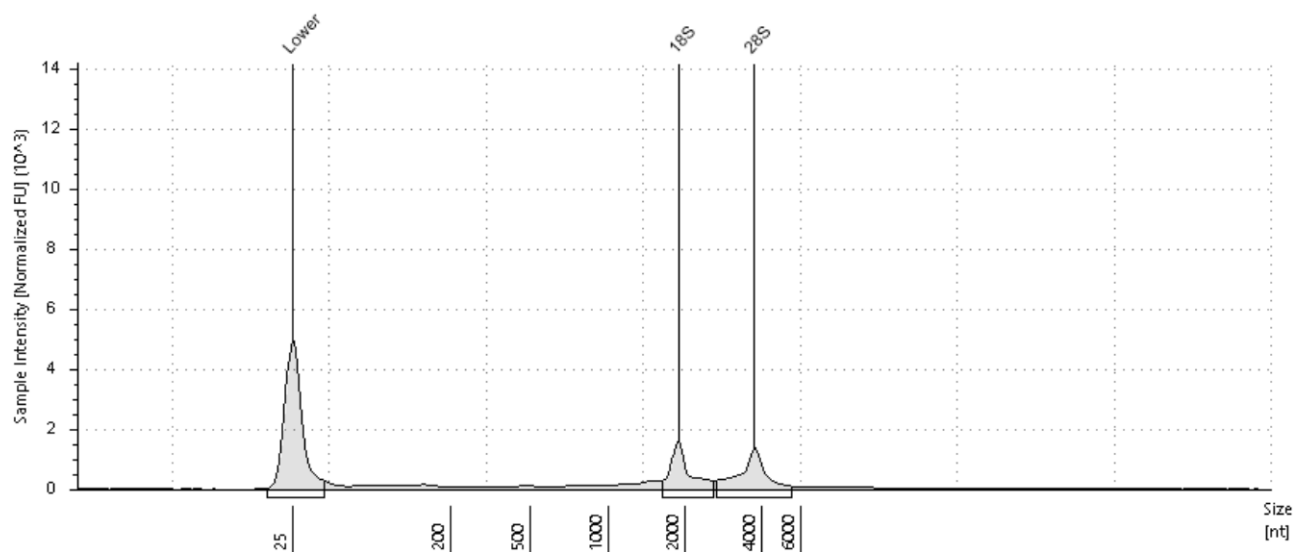| Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
H1	9.2	1.3	37.5	D26		

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
1863	9.74	-	15.4	43.36		18S
3714	12.7	-	10.1	56.64		28S

A2: D28

Sample Table

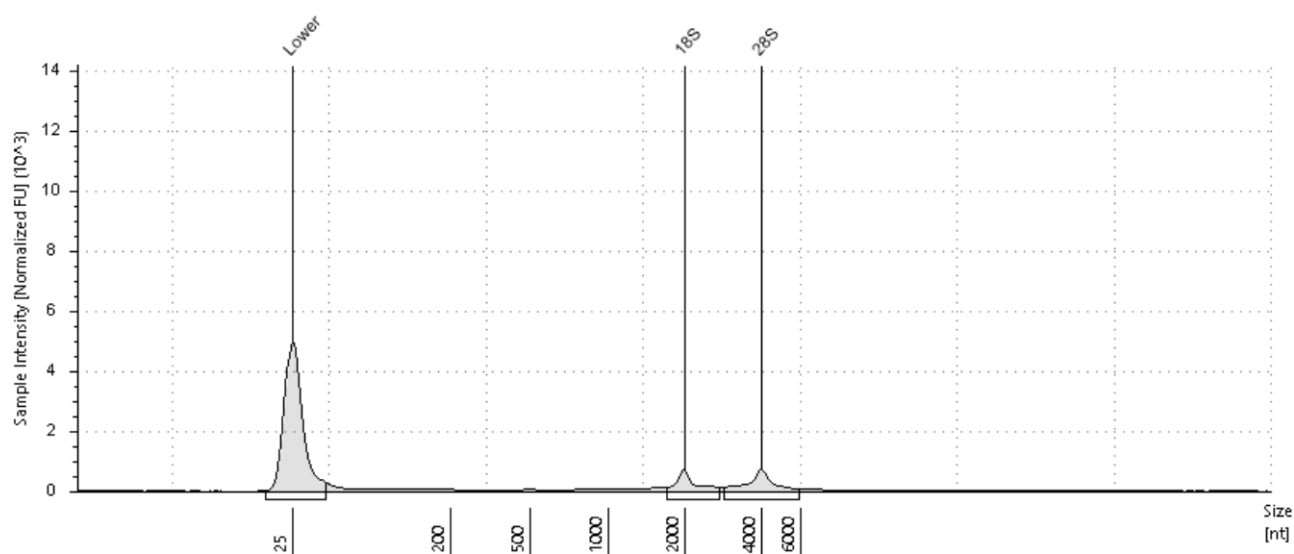| Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A2	9.0	1.2	28.9	D28		

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
1879	7.62	-	11.9	45.75		18S
3730	9.03	-	7.12	54.25		28S

B2: D32

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
B2	9.0	1.3	14.3	D32	⚠	Sample concentration outside functional range for RINe and the assay

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
1977	3.24	-	4.82	42.69		18S
3999	4.35	-	3.20	57.31		28S

C2: D39
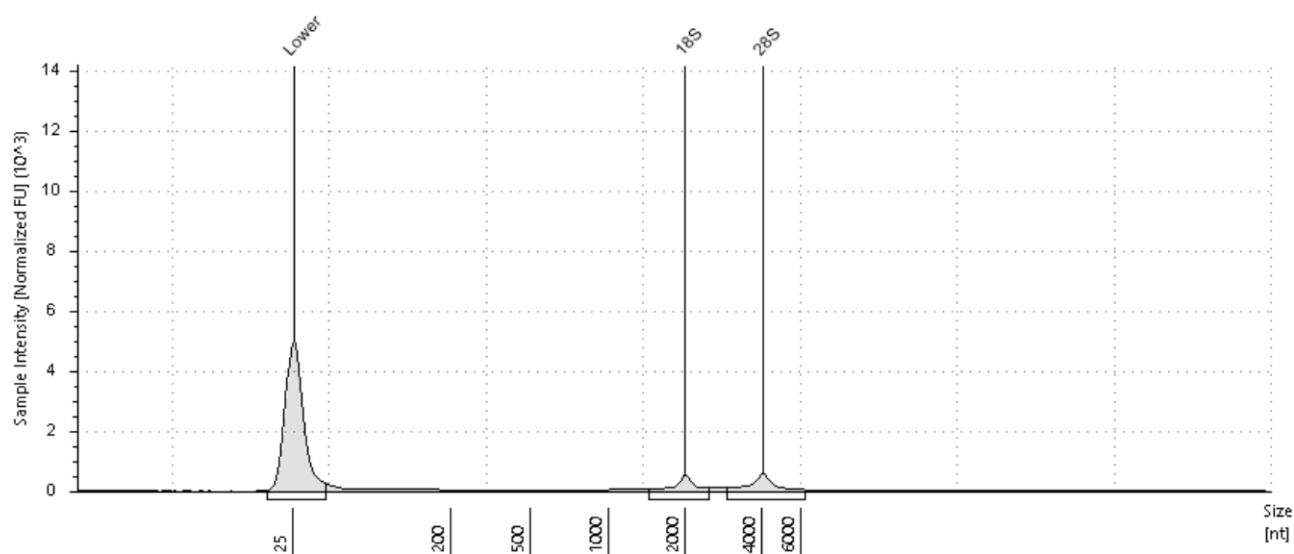
Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
C2	9.0	1.4	11.6	D39	⚠	Sample concentration outside functional range for RINe and the assay

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
1990	2.52	-	3.72	42.40		18S
4056	3.42	-	2.48	57.60		28S