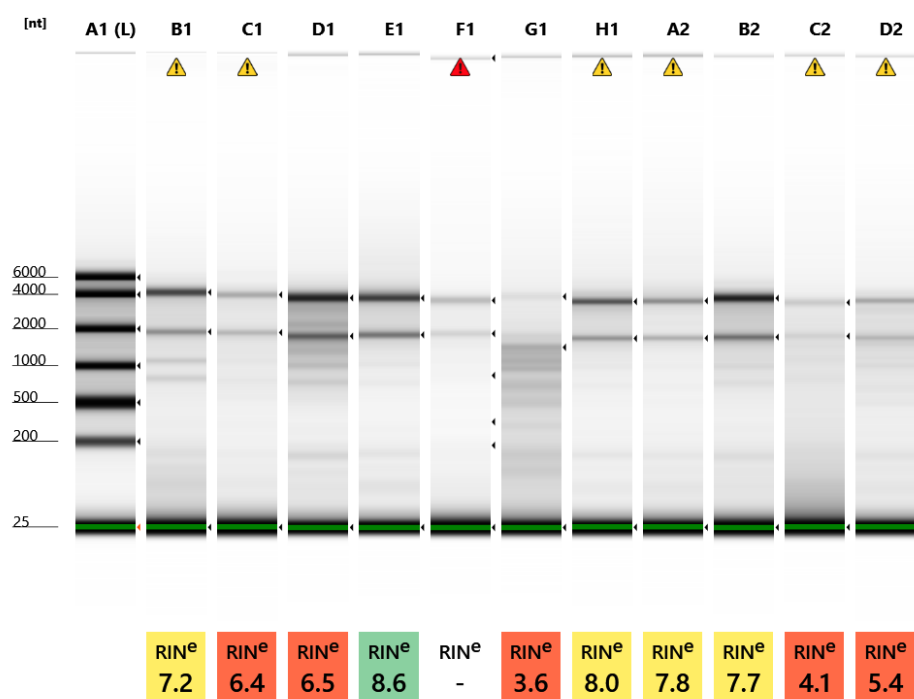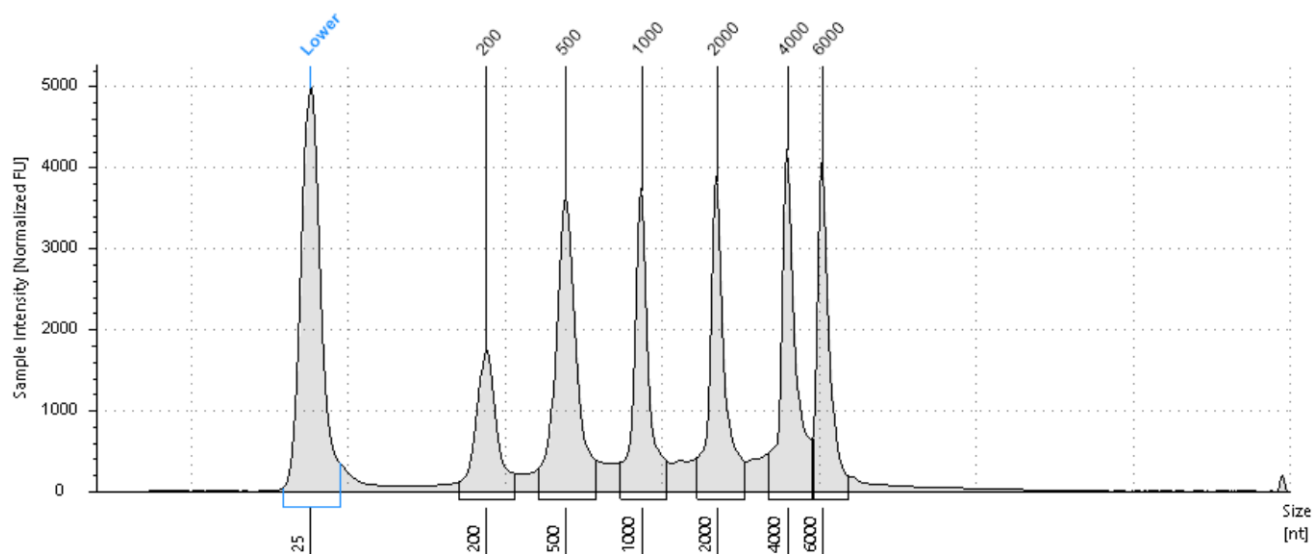## Filename: 2021-10-19 - 14.17.02.RNA

Default image (Contrast 100%)

Sample Info

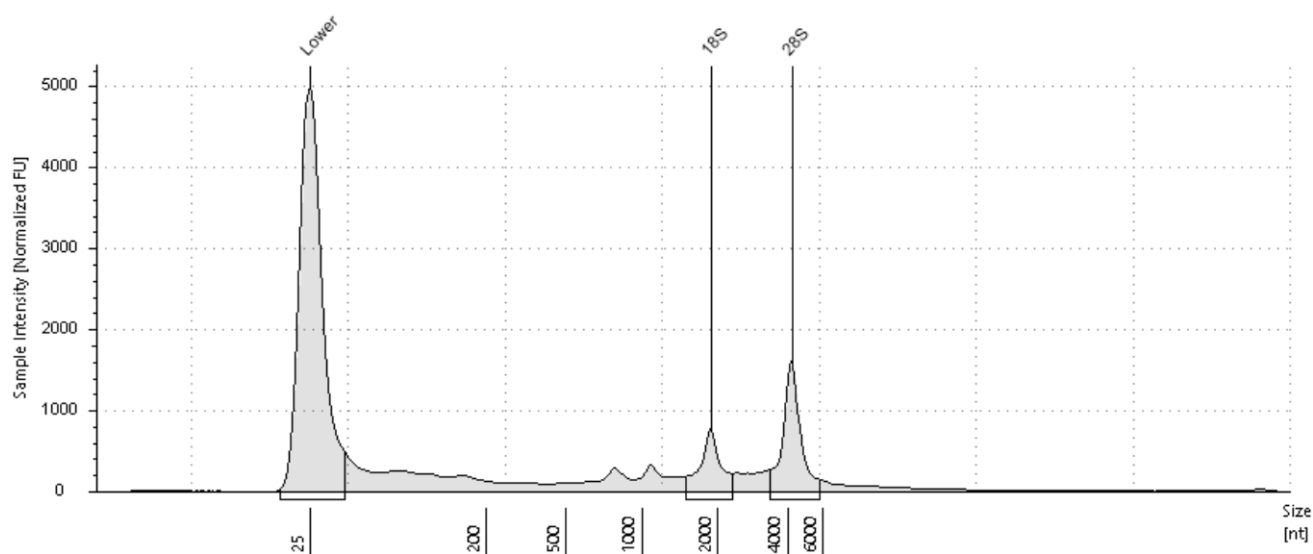| Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A1	-	-	96.2	Ladder		Ladder
B1	7.2	1.8	24.0	221	⚠	Sample concentration outside functional range for RINe and the assay
C1	6.4	1.2	14.4	223	⚠	Sample concentration outside functional range for RINe and the assay
D1	6.5	1.8	38.3	311		
E1	8.6	1.6	26.8	351		
F1	-	-	9.69	365	🔺	Sample concentration outside functional range for RINe and the assay
G1	3.6	0.4	26.3	565		The upper ribosomal fragment has degraded
H1	8.0	1.8	20.1	603	⚠	Sample concentration outside functional range for RINe and the assay
A2	7.8	1.6	15.7	663	⚠	Sample concentration outside functional range for RINe and the assay
B2	7.7	1.7	25.7	857		
C2	4.1	1.0	18.9	871	⚠	Sample concentration outside functional range for RINe and the assay
D2	5.4	0.7	18.4	889	⚠	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	-	-	96.2	Ladder		Ladder

Peak Table

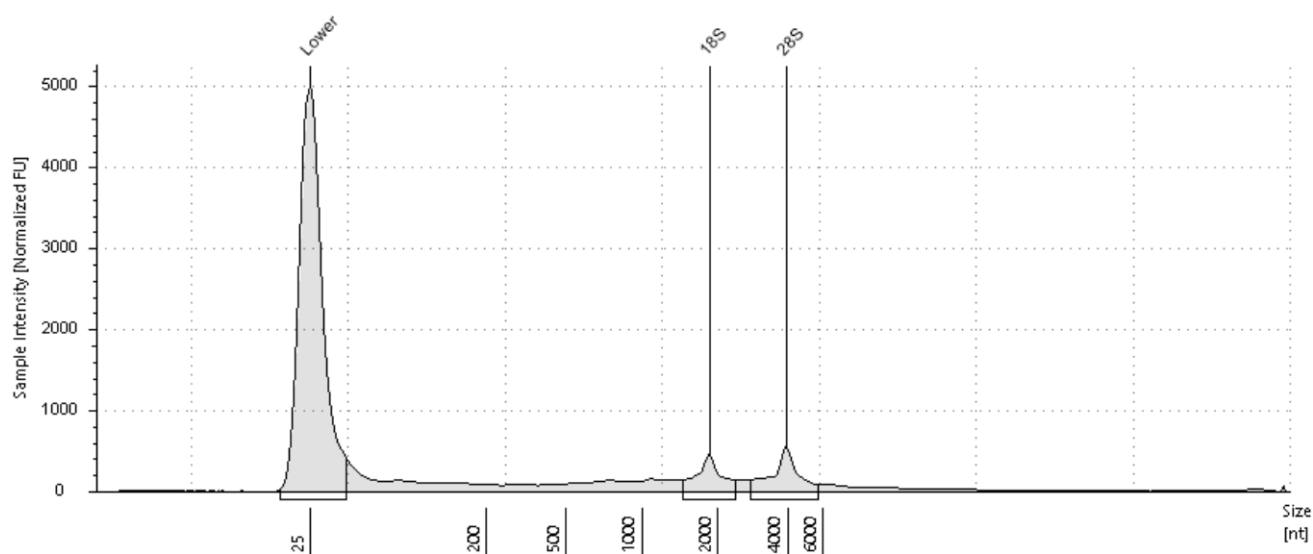| Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
200	8.86	-	130	10.57		
500	19.2	-	113	22.88		
1000	13.6	-	40.0	16.21		
2000	14.3	-	21.0	17.03		
4000	15.3	-	11.3	18.31		
6000	12.6	-	6.17	15.01		

B1: 221

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
B1	7.2	1.8	24.0	221	⚠	Sample concentration outside functional range for RINe and the assay

Peak Table

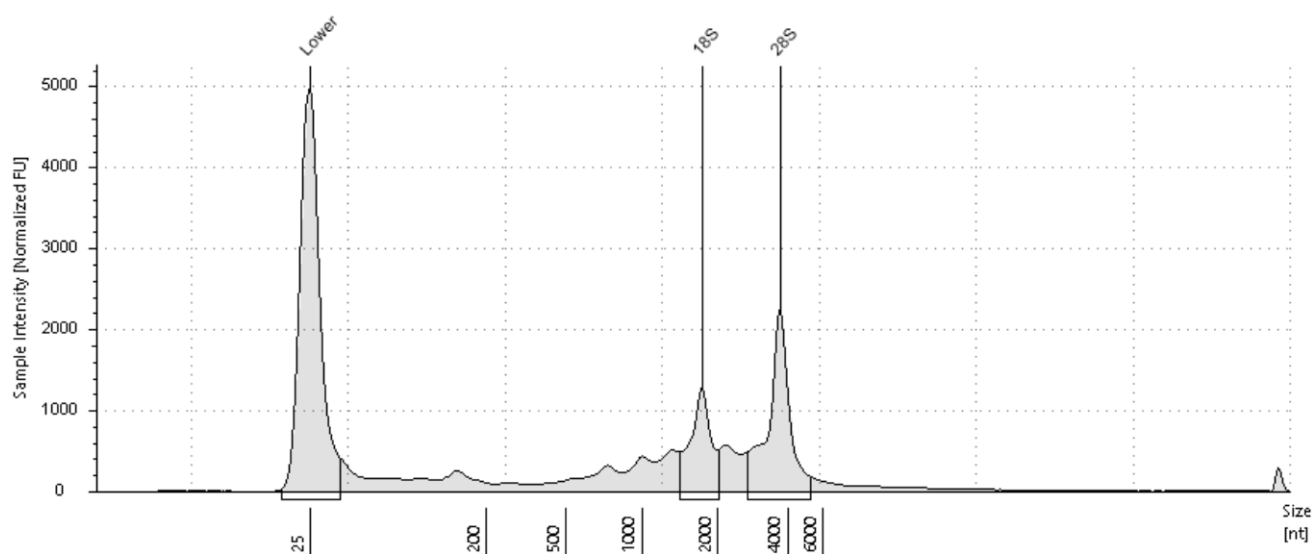| Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1891	3.30	-	5.13	35.52		18S
4217	5.98	-	4.17	64.48		28S

C1: 223

Sample Table

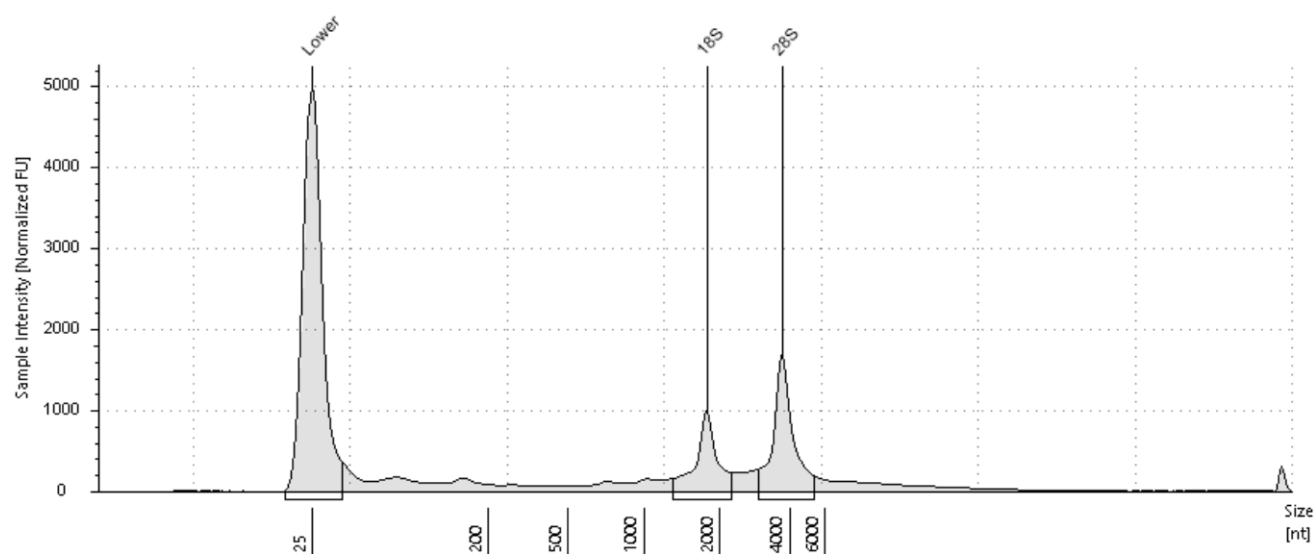| Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
C1	6.4	1.2	14.4	223	⚠	Sample concentration outside functional range for RINe and the assay

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
1860	2.27	-	3.59	44.45		18S
3968	2.84	-	2.11	55.55		28S

D1: 311

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
D1	6.5	1.8	38.3	311		

Peak Table

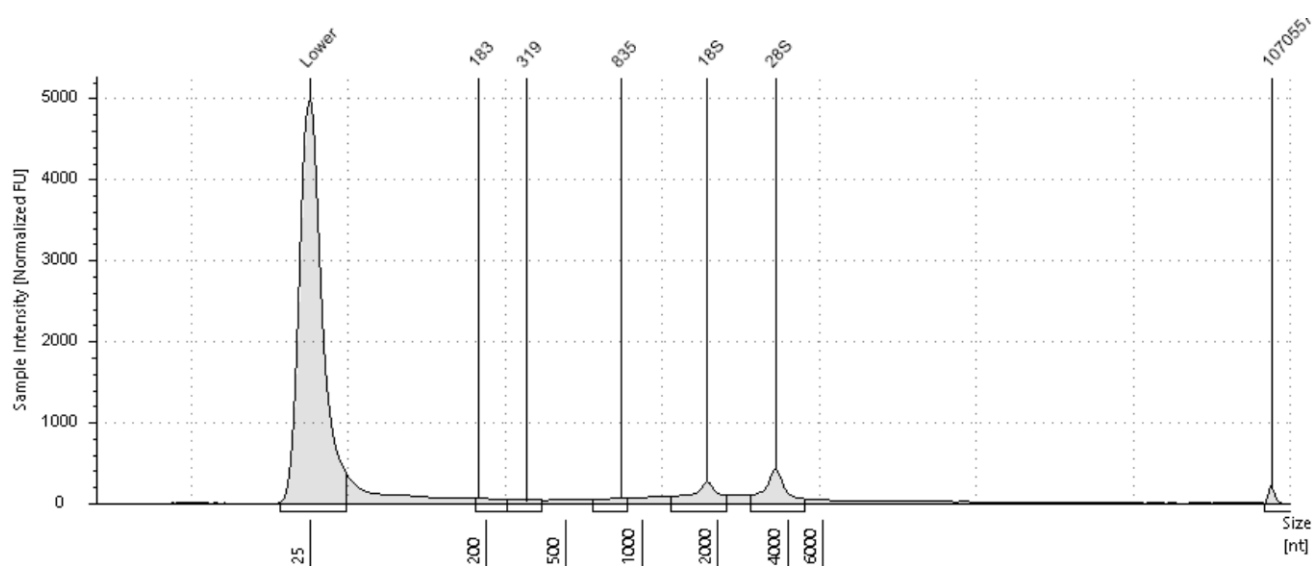| Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	%Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1746	6.41	-	10.8	35.63		18S
3735	11.6	-	9.12	64.37		28S

E1: 351

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
E1	8.6	1.6	26.8	351		

Peak Table

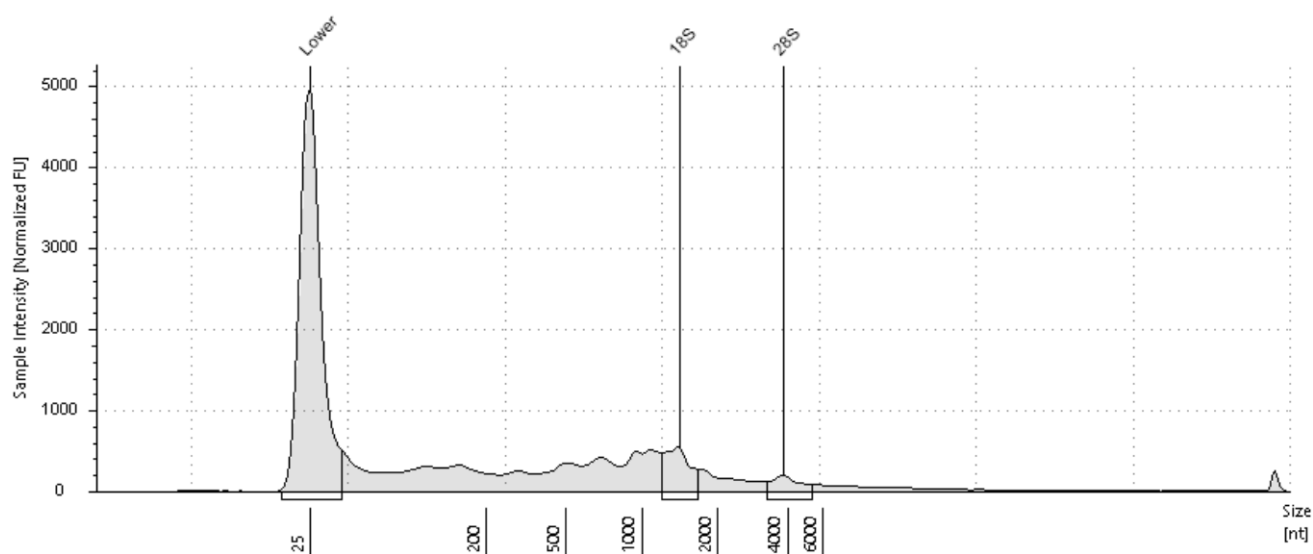| Size [nt]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1785	5.22	-	8.60	38.60		18S
3720	8.30	-	6.56	61.40		28S

F1: 365

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
F1	-	-	9.69	365	⚠	Sample concentration outside functional range for RINe and the assay

Peak Table

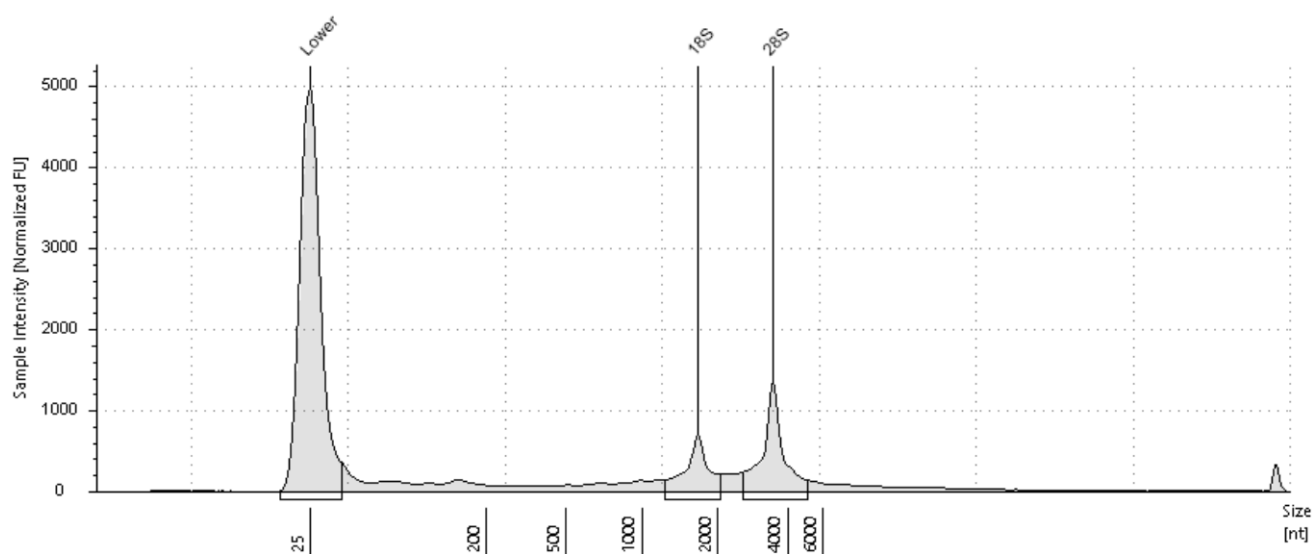| Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
183	0.314	-	5.04	6.81		
319	0.263	-	2.43	5.71		
835	0.354	-	1.25	7.68		
1831	1.47	-	2.36	31.80		18S
3554	1.90	-	1.57	41.25		28S
1070557	0.312	-	0.000856	6.76		

G1: 565

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
Gl	3.6	0.4	26.3	565		The upper ribosomal fragment has degraded

Peak Table

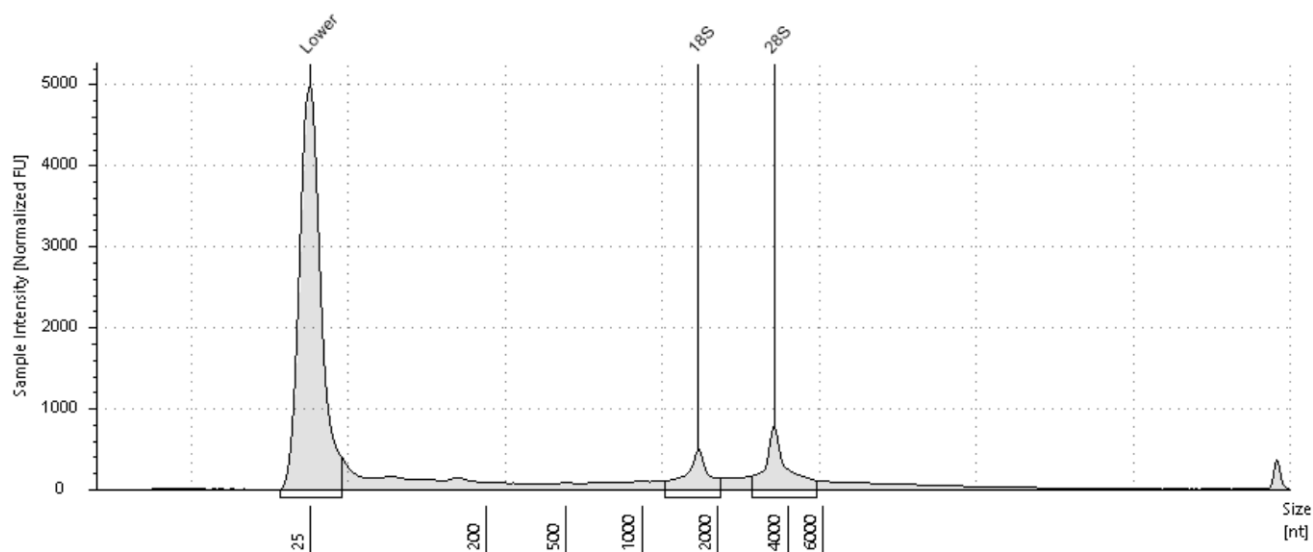| Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	%Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1417	3.18	-	6.59	73.67		18S
3851	1.14	-	0.867	26.33		28S

H1: 603

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
H1	8.0	1.8	20.1	603	⚠	Sample concentration outside functional range for RINe and the assay

Peak Table

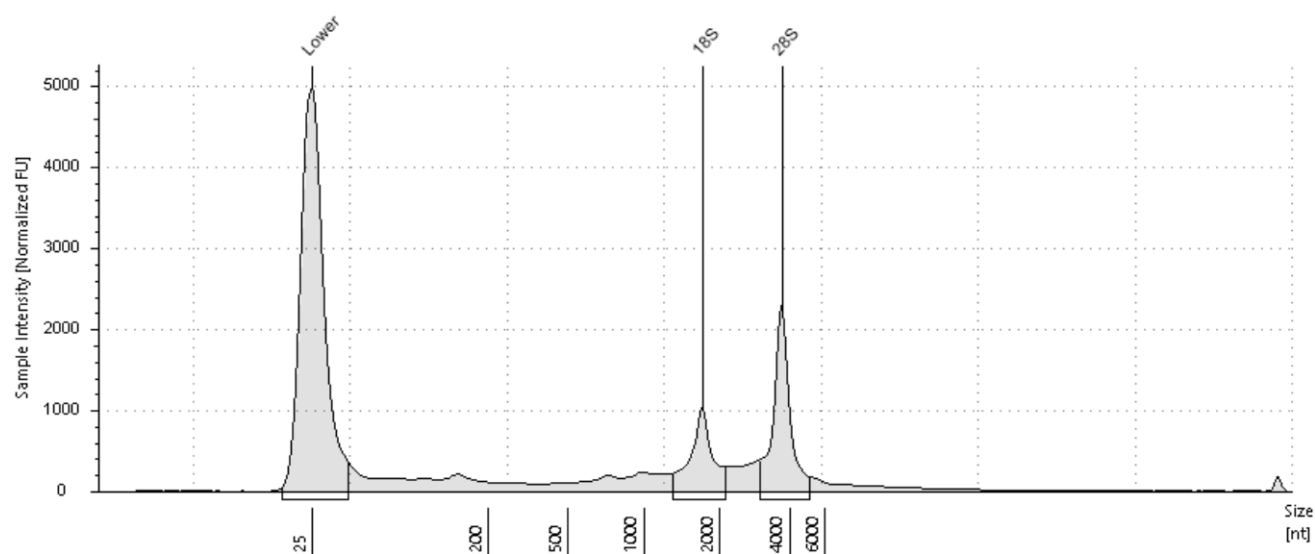| Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1666	3.49	-	6.16	36.07		18S
3458	6.18	-	5.26	63.93		28S

A2: 663

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
A2	7.8	1.6	15.7	663	⚠	Sample concentration outside functional range for RINe and the assay

Peak Table

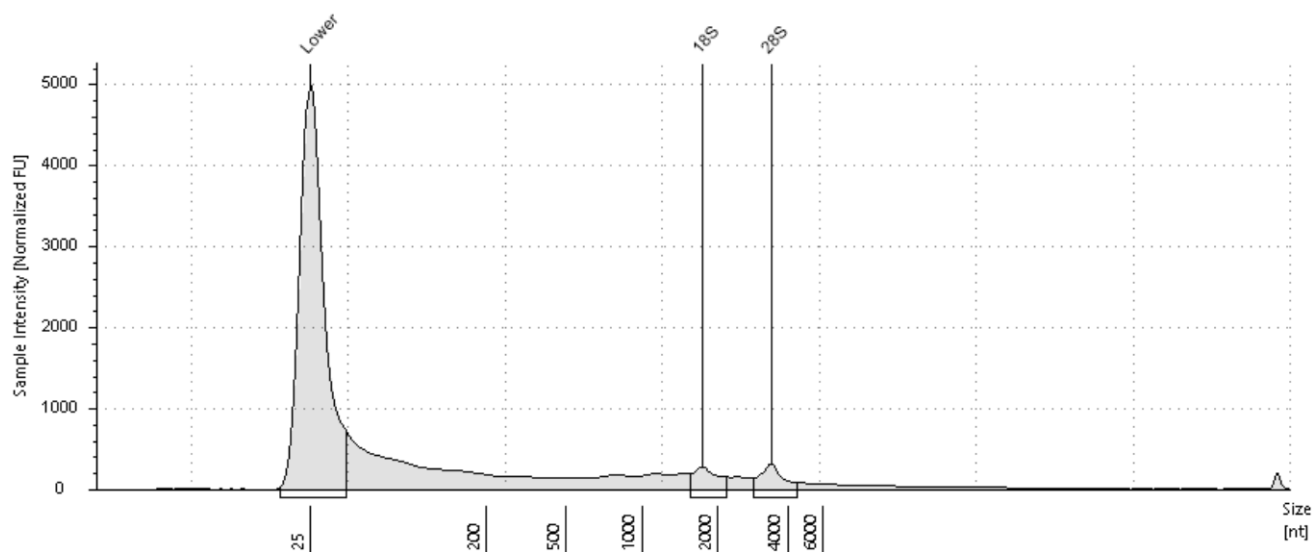| Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1676	2.28	-	4.01	38.41		18S
3515	3.66	-	3.06	61.59		28S

B2: 857

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
B2	7.7	1.7	25.7	857		

Peak Table

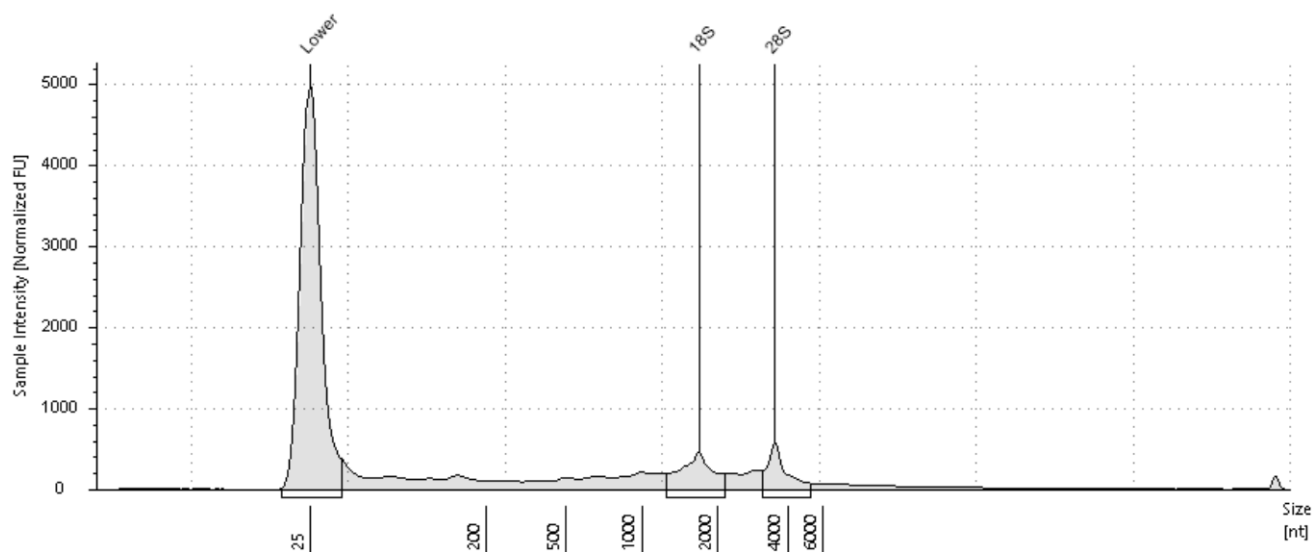| Size [nt]	Calibrated Conc. [ng/µl]	Assigned Conc. [ng/µl]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
25	40.0	40.0	4710	-		Lower Marker
1717	4.69	-	8.03	36.92		18S
3727	8.00	-	6.32	63.08		28S

C2: 871

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
C2	4.1	1.0	18.9	871	⚠	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
1741	1.35	-	2.28	49.42		18S
3396	1.38	-	1.20	50.58		28S

D2: 889

Sample Table

Well	RINe	28S/18S (Area)	Conc. [ng/µl]	Sample Description	Alert	Observations
D2	5.4	0.7	18.4	889	⚠	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
1689	3.29	-	5.72	57.17		18S
3542	2.46	-	2.05	42.83		28S