# Filename: 2021-02-24 - 15.39.22.RNA
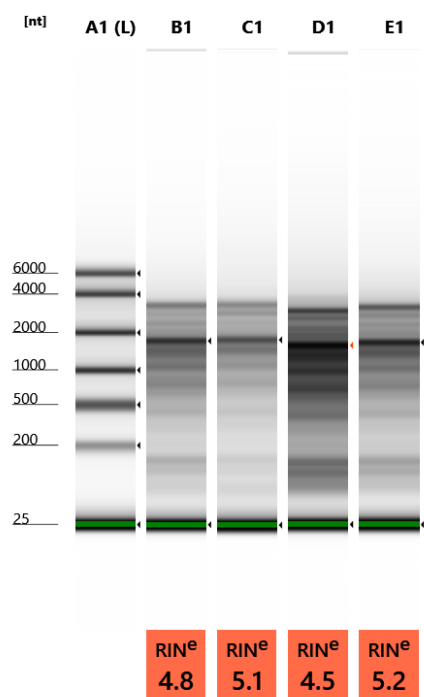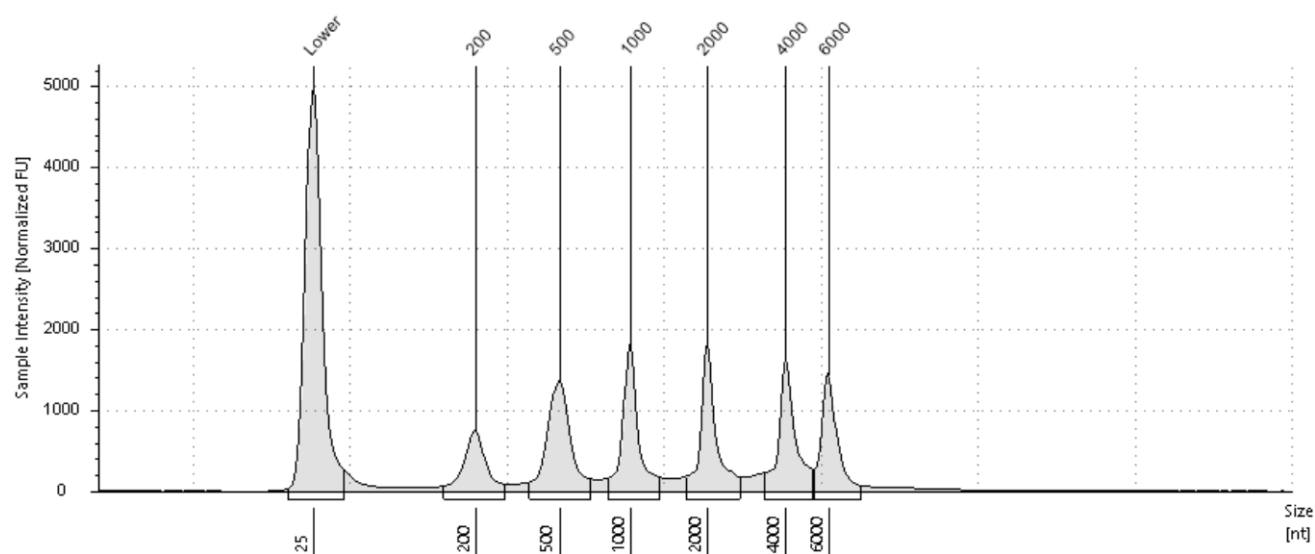


Default image (Contrast 100%)

## Sample Info
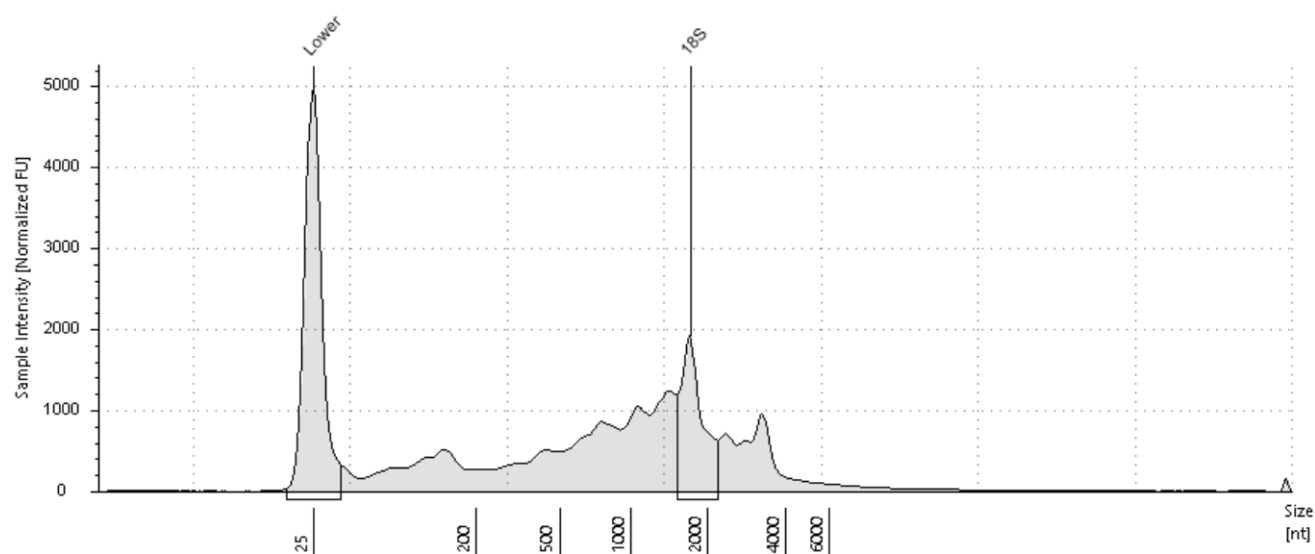
| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| A1 | - | - | 48.2 | Ladder | | Ladder |
| B1 | 4.8 | - | 64.4 | A5_1 larvae test bead homogenize | | The upper ribosomal fragment has degraded |
| C1 | 5.1 | - | 48.5 | A5_2 larvae test bead homogenize | | The upper ribosomal fragment has degraded |
| D1 | 4.5 | - | 117 | A5_3 larvae test pestle smash | | The upper ribosomal fragment has degraded |
| E1 | 5.2 | - | 66.3 | A5_4 larvae test pestle smash | | The upper ribosomal fragment has degraded |

## A1: Ladder



**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| A1 | - | - | 48.2 | Ladder | | Ladder |

**Peak Table**

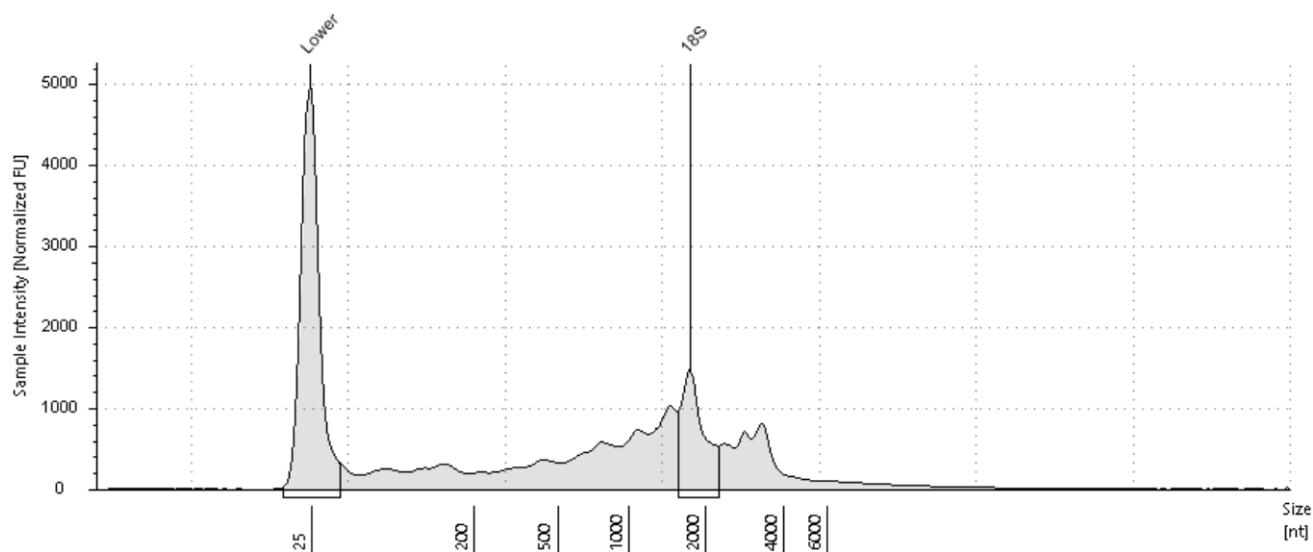| Size [nt] | Calibrated Conc. [ng/µl] | Assigned Conc. [ng/µl] | Peak Molarity [nmol/l] | % Integrated Area | Peak Comment | Observations |
|-----------|--------------------------|------------------------|------------------------|-------------------|--------------|--------------|
| 25 | 40.0 | 40.0 | 4710 | - | | Lower Marker |
| 200 | 4.55 | - | 66.9 | 10.77 | | |
| 500 | 8.62 | - | 50.7 | 20.40 | | |
| 1000 | 7.52 | - | 22.1 | 17.81 | | |
| 2000 | 7.80 | - | 11.5 | 18.48 | | |
| 4000 | 7.51 | - | 5.52 | 17.79 | | |
| 6000 | 6.23 | - | 3.05 | 14.75 | | |

## B1: A5_1 larvae test bead homogenize



**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|---|---|---|---|---|---|---|
| B1 | 4.8 | - | 64.4 | A5_1 larvae test bead homogenize | | 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 |
| 1723 | 11.4 | - | 19.5 | 100.00 | | 18S |

## C1: A5_2 larvae test bead homogenize



**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| C1 | 5.1 | - | 48.5 | A5_2 larvae test bead homogenize | | The upper ribosomal fragment has degraded |

**Peak Table**

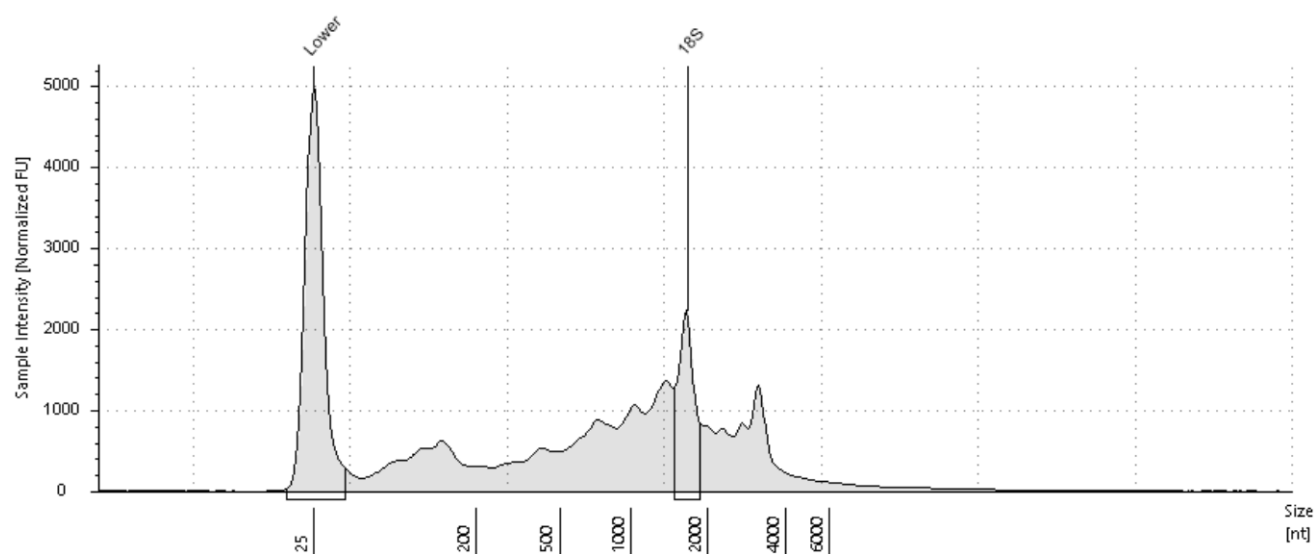| Size [nt] | Calibrated Conc. [ng/µl] | Assigned Conc. [ng/µl] | Peak Molarity [nmol/l] | %Integrated Area | Peak Comment | Observations |
|-----------|---------------------------|-------------------------|-------------------------|-------------------|--------------|--------------|
| 25 | 40.0 | 40.0 | 4710 | - | | Lower Marker |
| 1769 | 8.49 | - | 14.1 | 100.00 | | 18S |

**D1: A5_3 larvae test pestle smash**
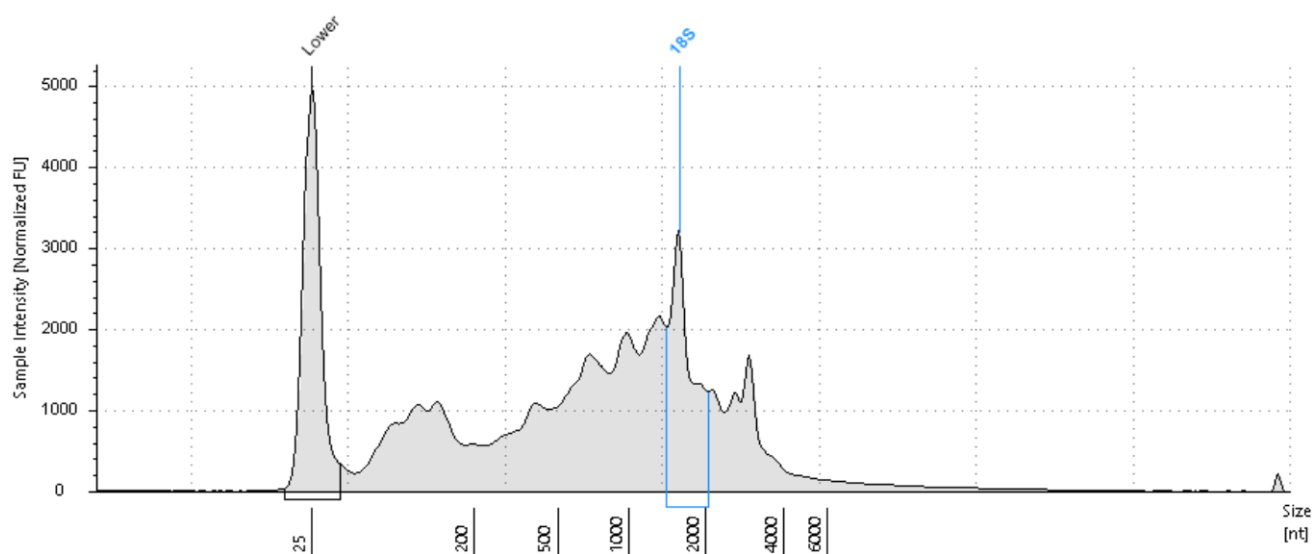


**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| D1 | 4.5 | - | 117 | A5_3 larvae test pestle smash | | 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 |
| 1582 | 18.8 | - | 34.9 | 100.00 | | 18S |

## E1: A5_4 larvae test pestle smash



**Sample Table**

| Well | RINe | 28S/18S (Area) | Conc. [ng/µl] | Sample Description | Alert | Observations |
|------|------|----------------|---------------|--------------------|-------|--------------|
| E1 | 5.2 | - | 66.3 | A5_4 larvae test pestle smash | | 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 |
| 1673 | 9.36 | - | 16.5 | 100.00 | | 18S |