

■ MRI + DMI Experiment Report

Date: 2025-04-25

Participant: Maya

Description:

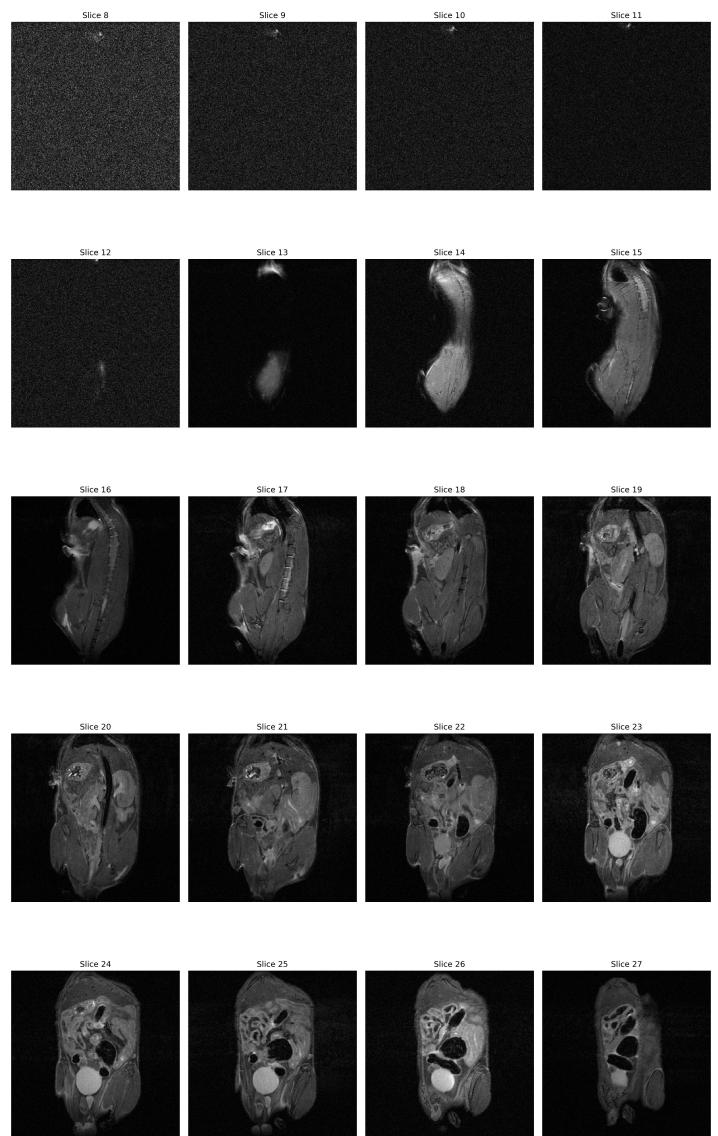
Mouse,female, 8 weeks, Injected Glucose 200ul diluted in XXX D2O.

MRI Shape: (256, 256, 32)

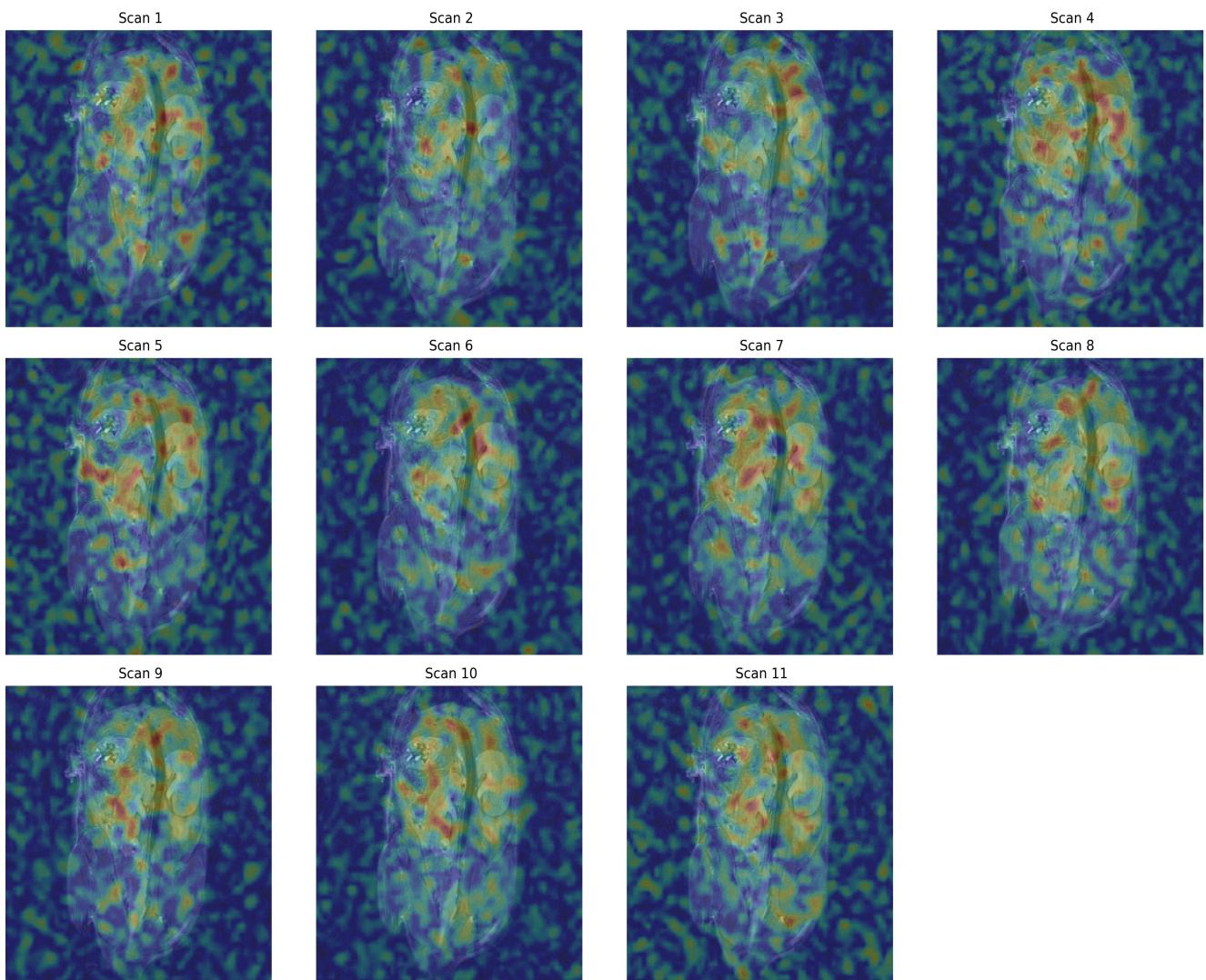
CSI Shape: (64, 64, 16, 4, 11)

Slices selected: [19, 24]

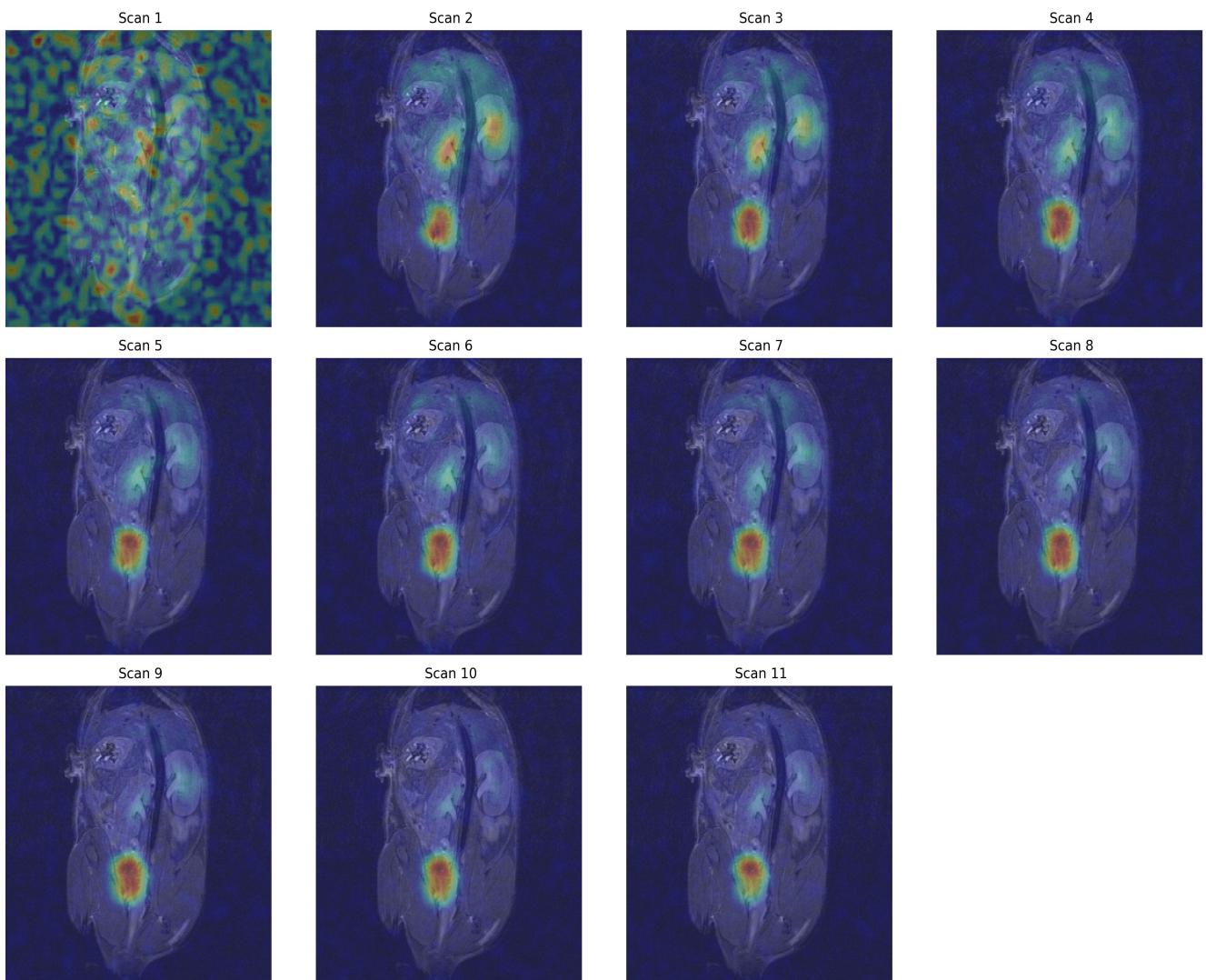
Anatomical MRI Slices



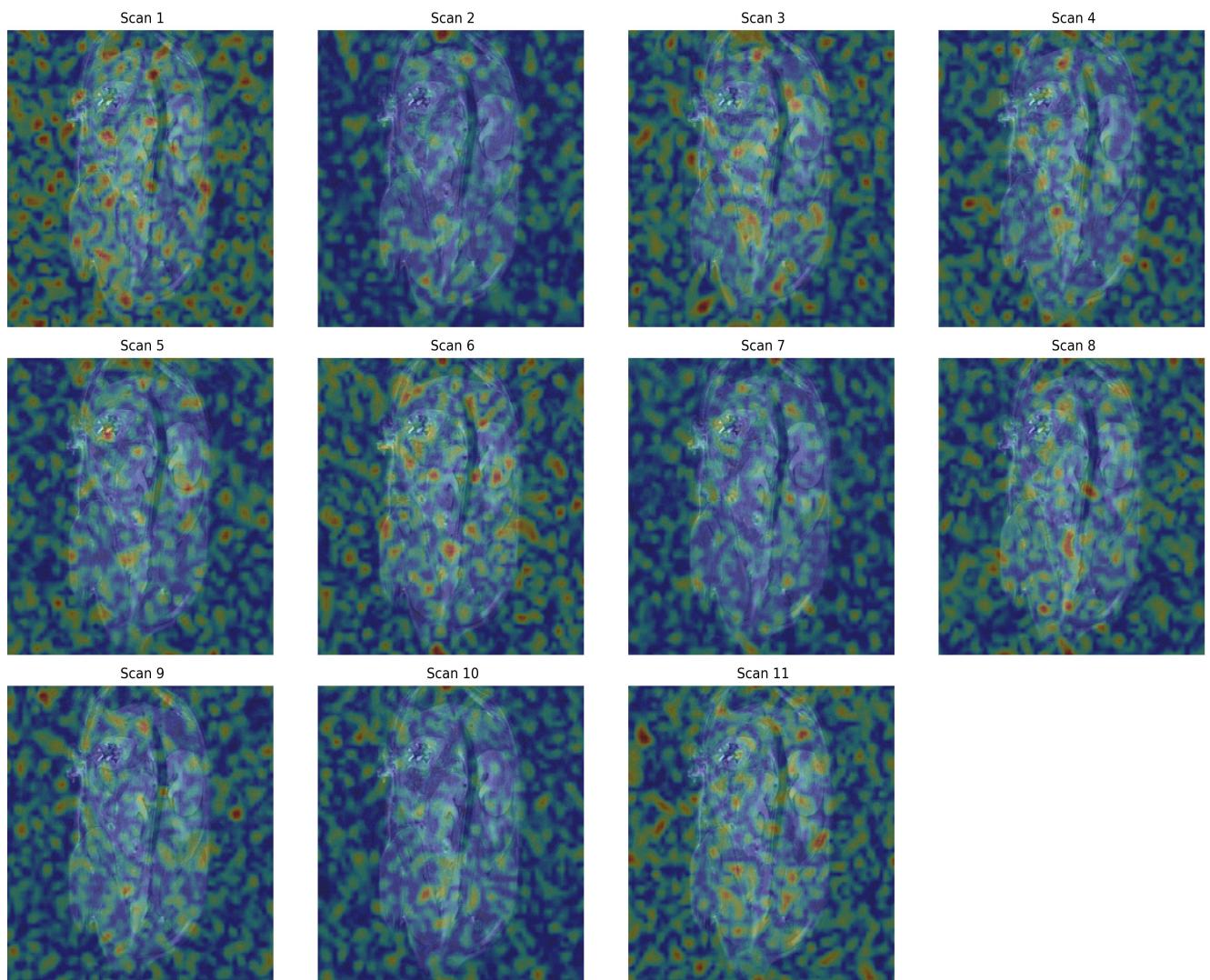
Overlay: MRI Slice 19, CSI Slice 10, HDO



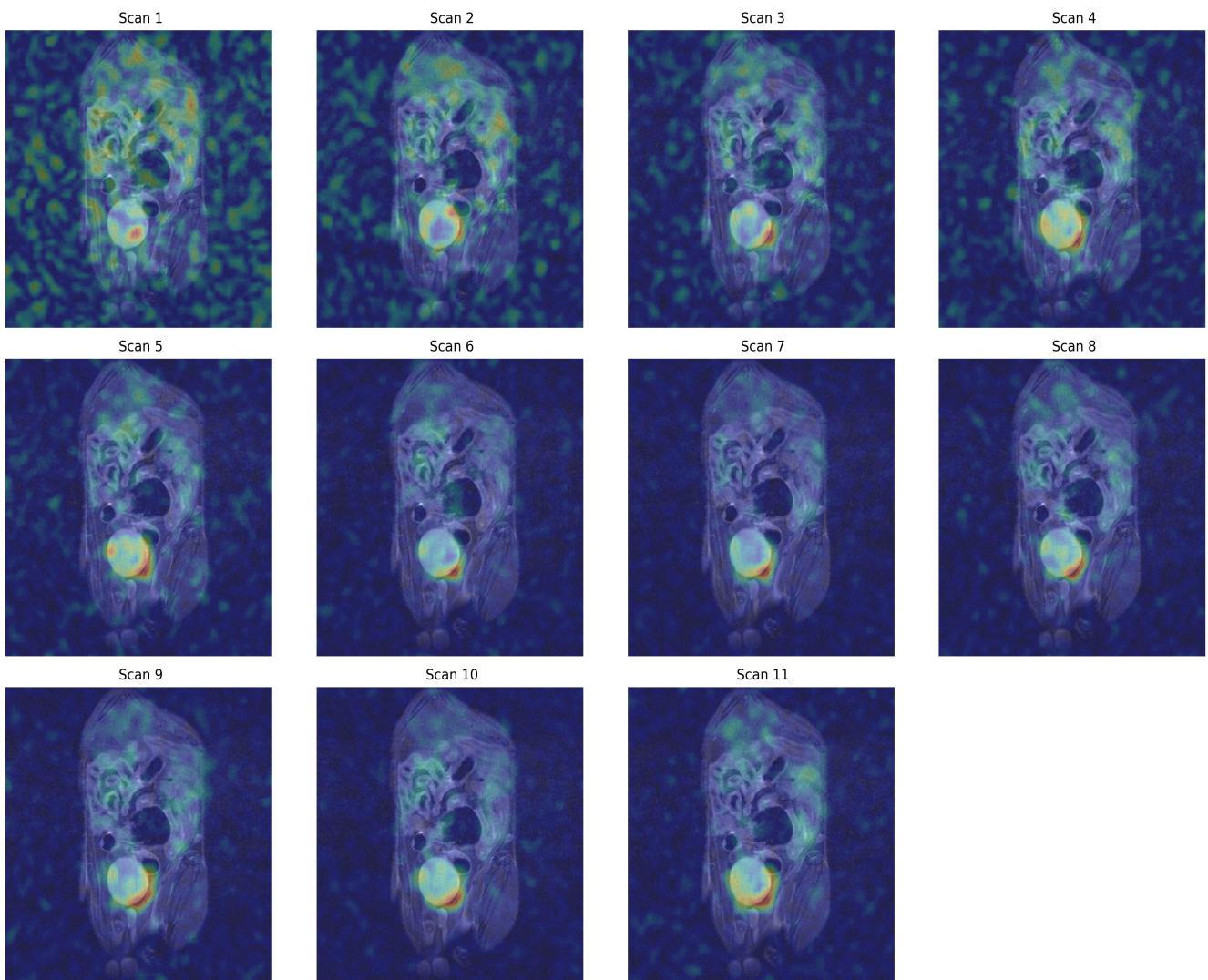
Overlay: MRI Slice 19, CSI Slice 10, Glucose



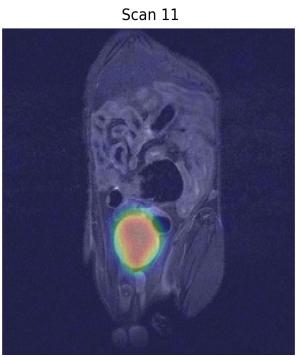
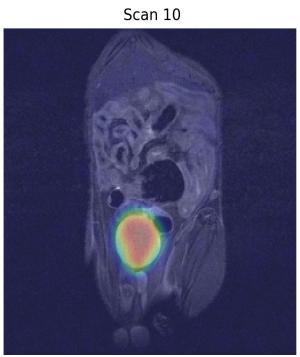
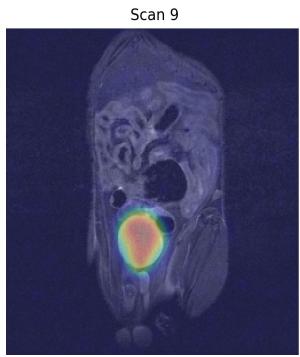
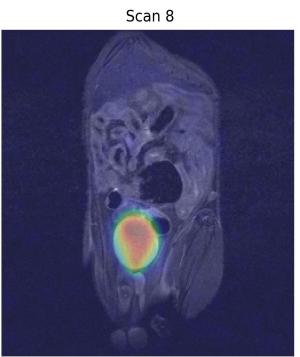
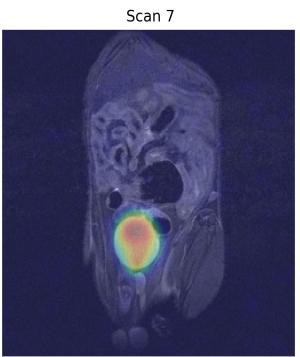
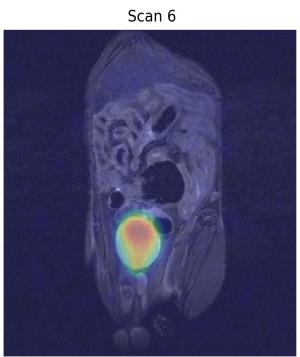
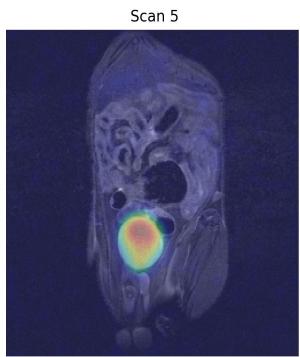
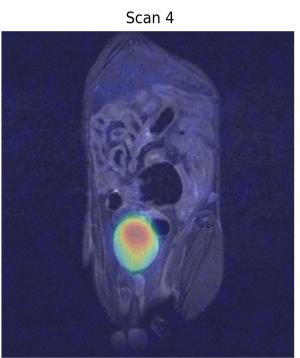
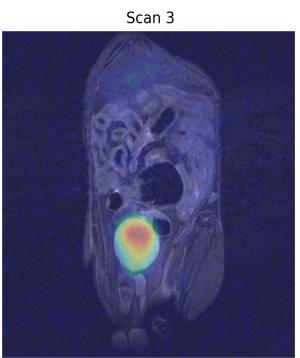
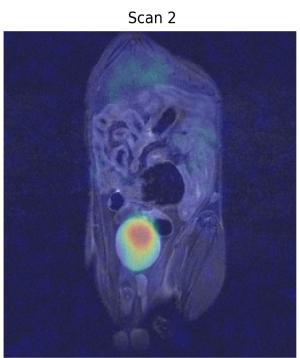
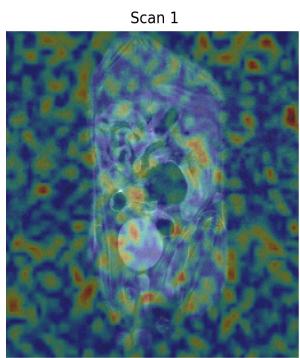
Overlay: MRI Slice 19, CSI Slice 10, Lactate



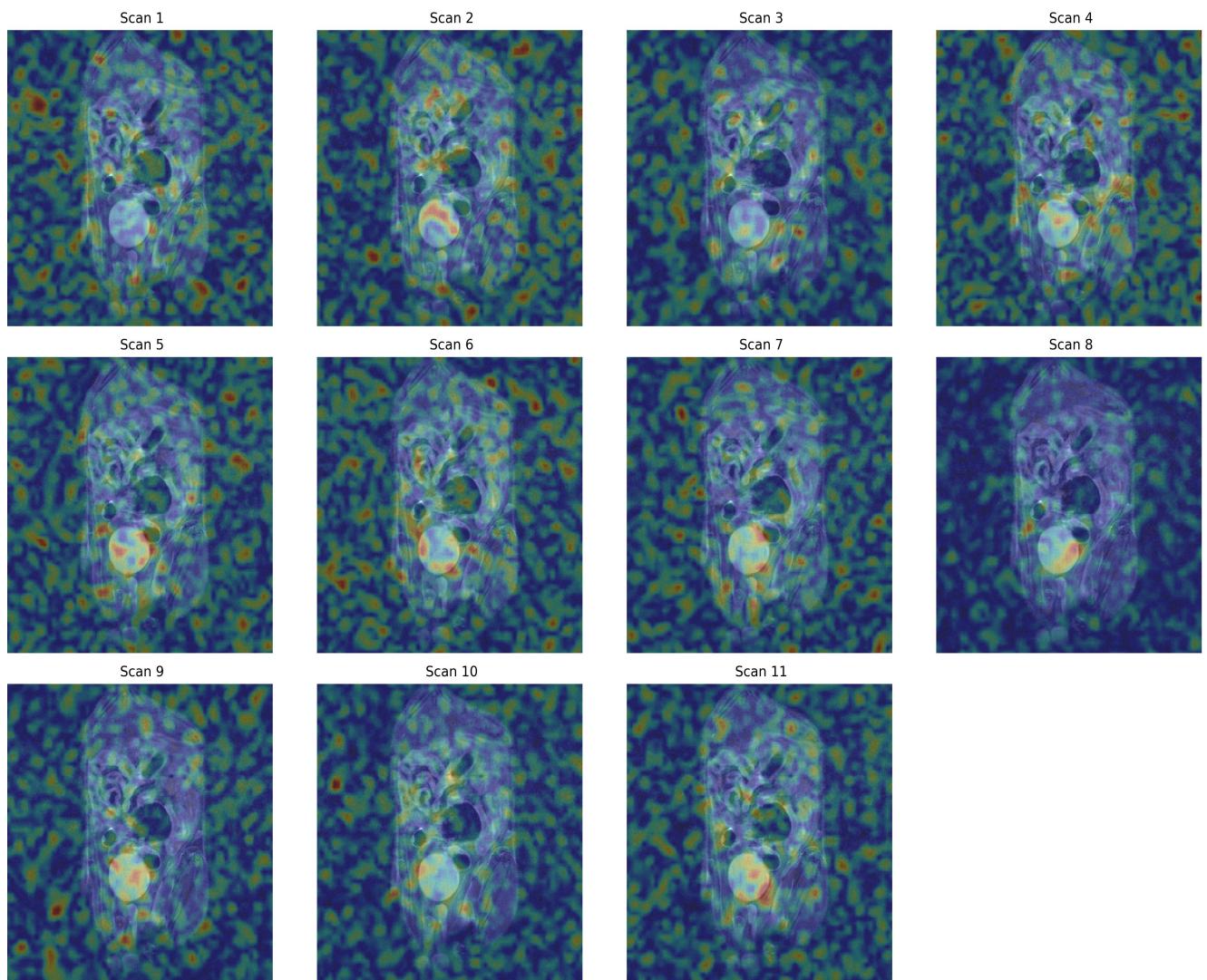
Overlay: MRI Slice 24, CSI Slice 12, HDO



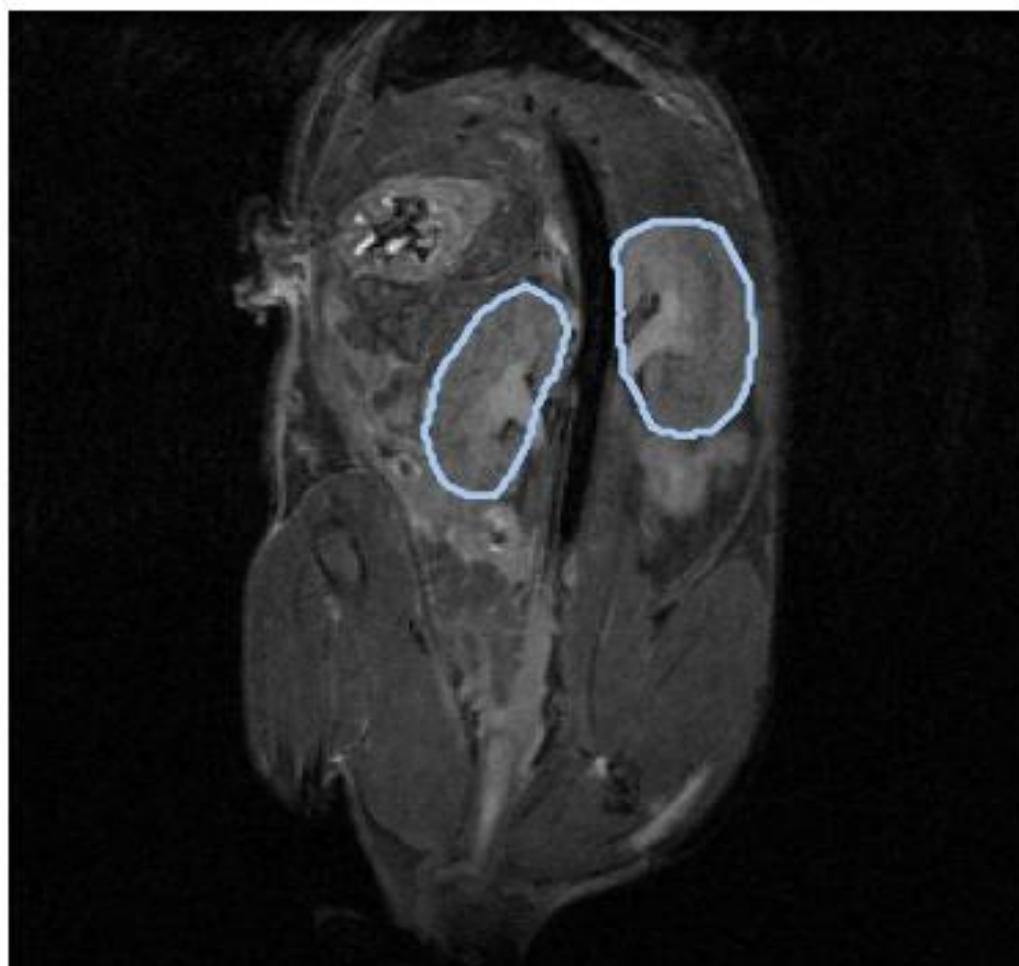
Overlay: MRI Slice 24, CSI Slice 12, Glucose



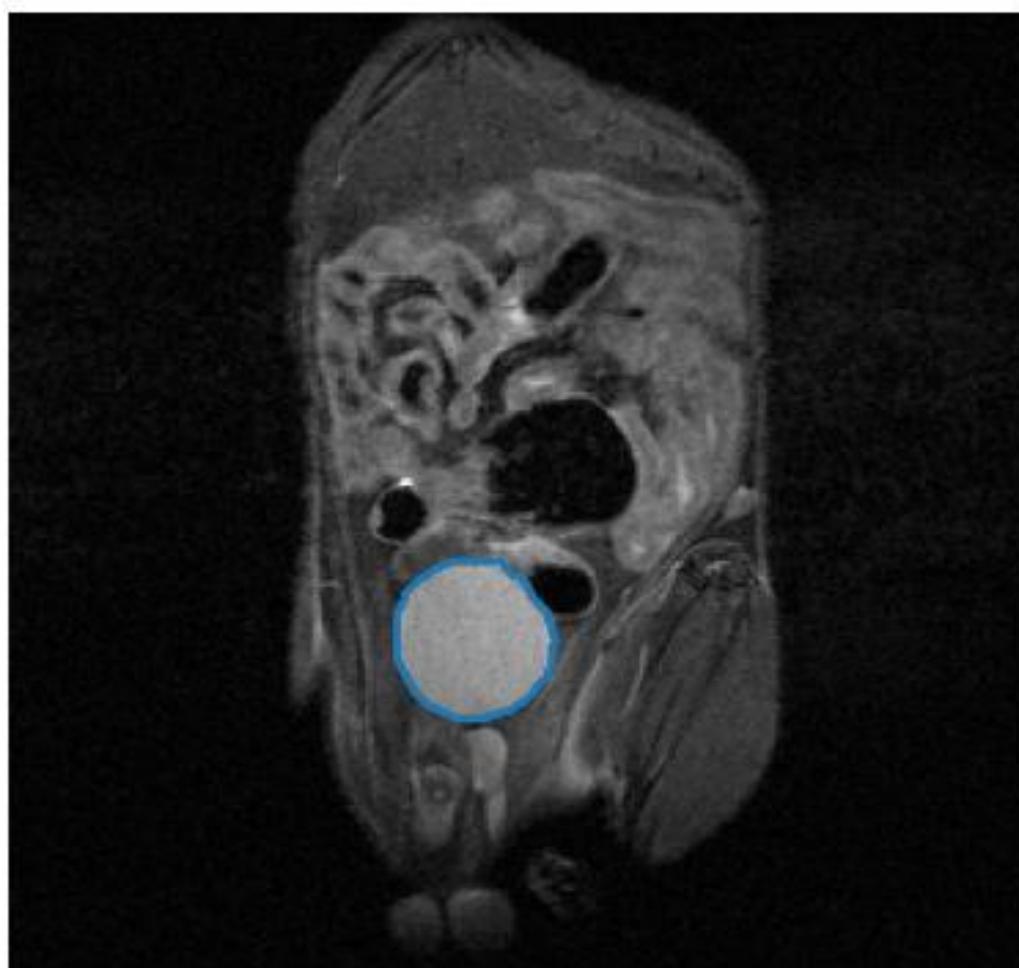
Overlay: MRI Slice 24, CSI Slice 12, Lactate



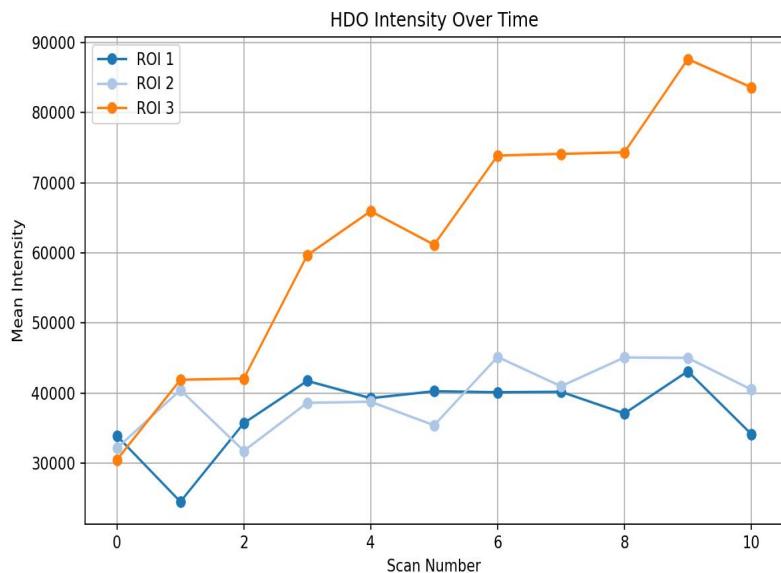
MRI Slice 19 with ROIs



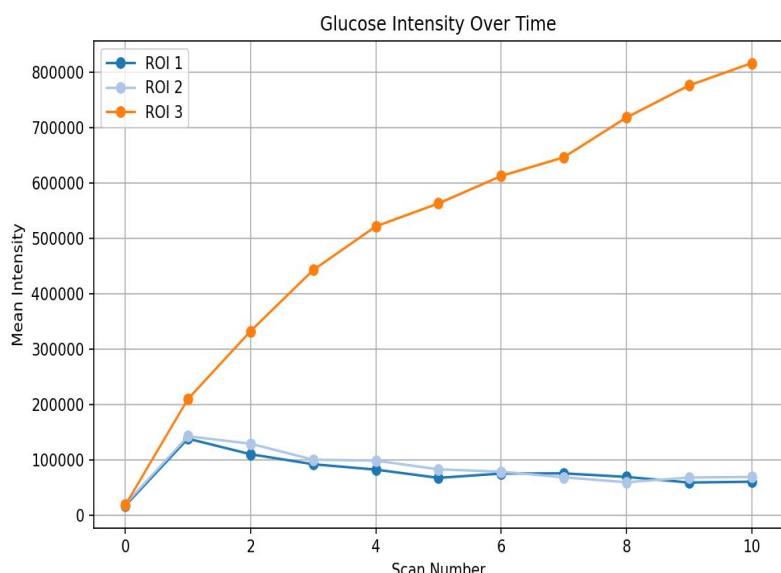
MRI Slice 24 with ROIs



HDO ROI Intensity Over Time:



Glucose ROI Intensity Over Time:



Lactate ROI Intensity Over Time:

