

DIT DaVinci Resolve Dailies Workflow

Please follow the DIT DaVinci Resolve Dailies Workflow to successfully Clone, Sync, Create Timelines w/ Rec709, add Data Burn In, and Deliver

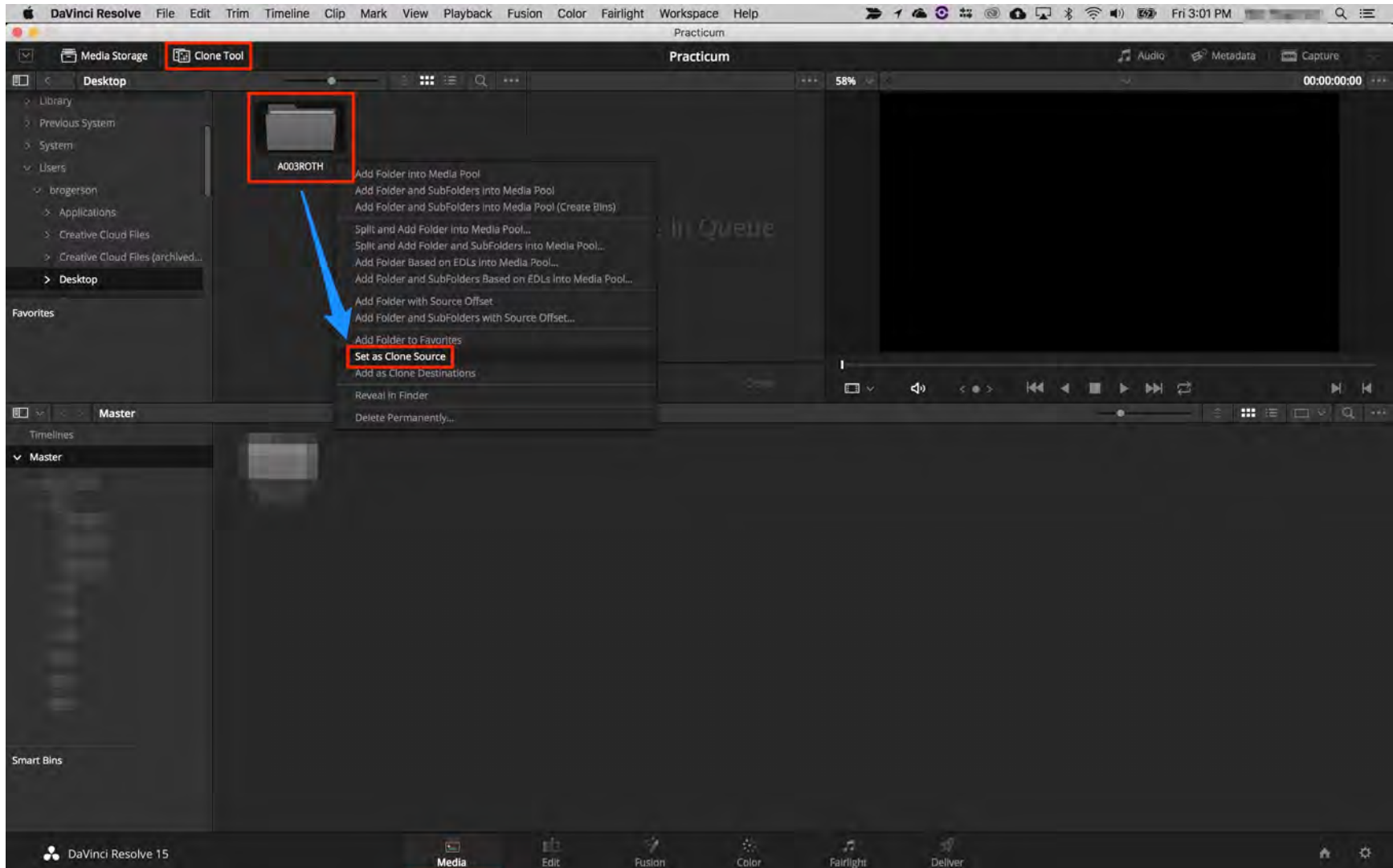
- Launch DaVinci Resolve 15
- Project Settings
 - Master Settings
 - Timeline Resolution: 1920x1080 HD
 - Playback frame rate: 23.976
 - Video format: HD1080PSF 23.976
 - Color Management
 - Color science: DaVinci YRGB
 - Timeline Color Space: Rec.709 Gamma 2.4
 - 3D Output Lookup Table: Arri Alexa LogC to Rec709
 - General Options
 - Automatically conform missing clips added to the media pool
 - Sort timeline using reel name and timecode
 - Use S-curve for contrast
 - Use local version for new clips in timeline
 - Save
- Davinci Resolve > Preferences > System
 - Media Storage
 - Add DIT COLOR
 - Video and I/O
 - Select the BlackMagic Ultrastudio
 - Control Panels
 - Select the Tangent Element
- Davinci Resolve > Preferences > User
 - Project Save and Load
 - Make sure Load all timelines when opening projects is de-selected
 - Select Live Save
 - Save



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Step 1: Media Tab: Add the Source Media to the Clone Jobs Queue

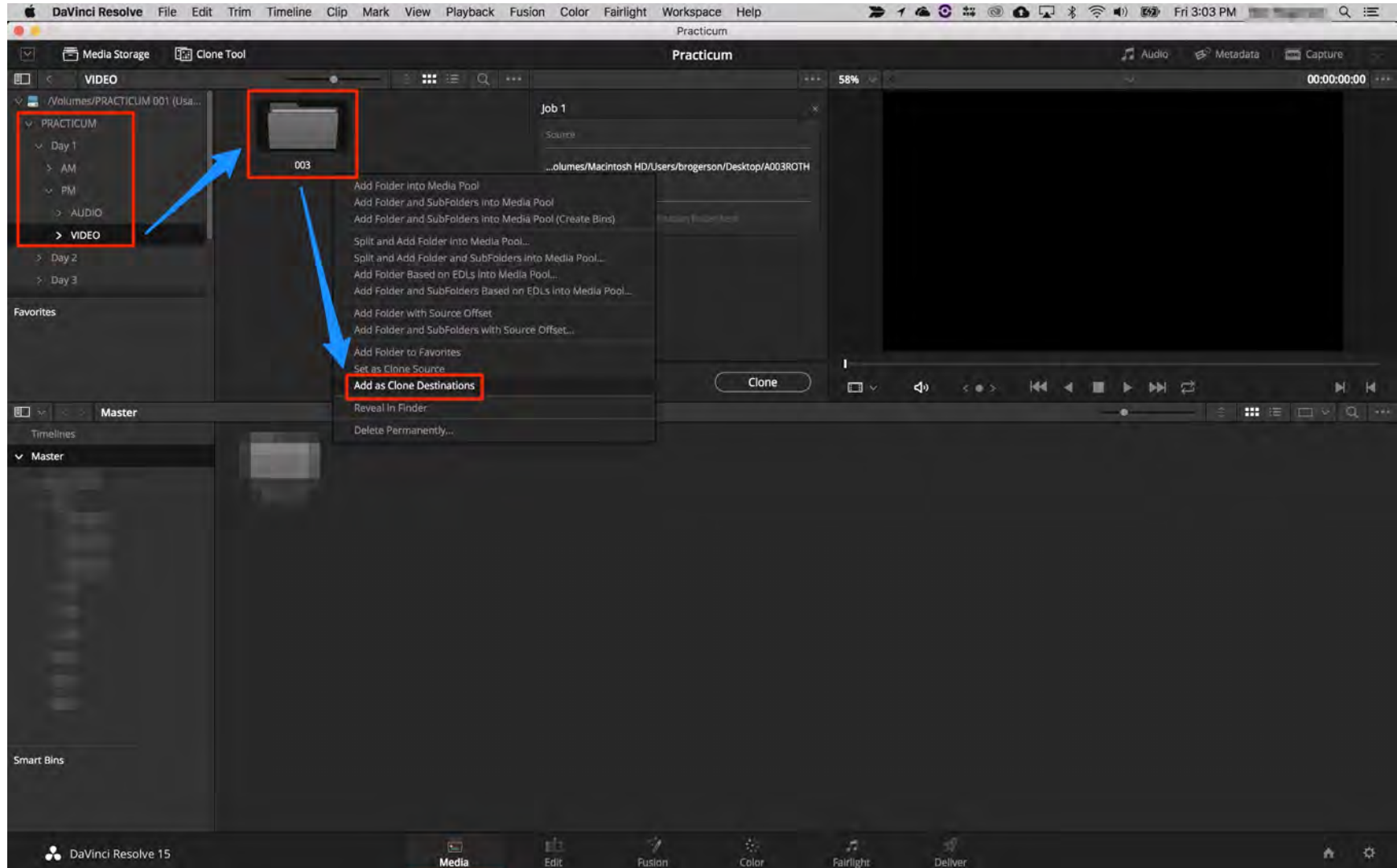
1. Activate the Clone Tool
2. Navigate to the Source Card
3. R-Click the Source Card > Set as Clone Source



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Step 2: Media Tab: Add the Destinations to the Clone Jobs Queue

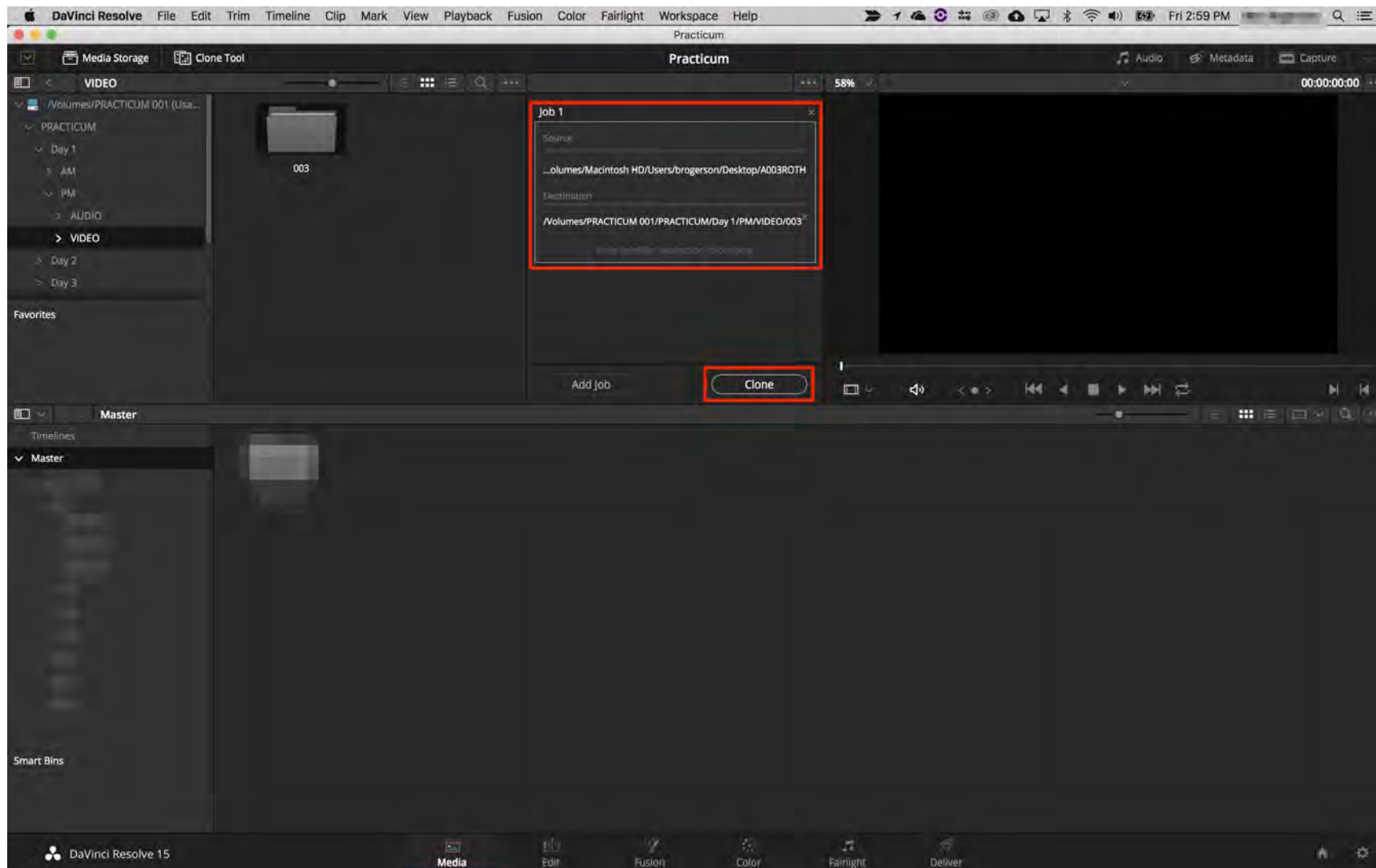
1. Navigate to the Destination Folders: On Set 001, On Set 002, and DIT COLOR – Add one at a time
2. R-Click the Destination folders > Add as Clone Destinations



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Step 3: Clone: If the Job is successful, there will be a **Green ✓**

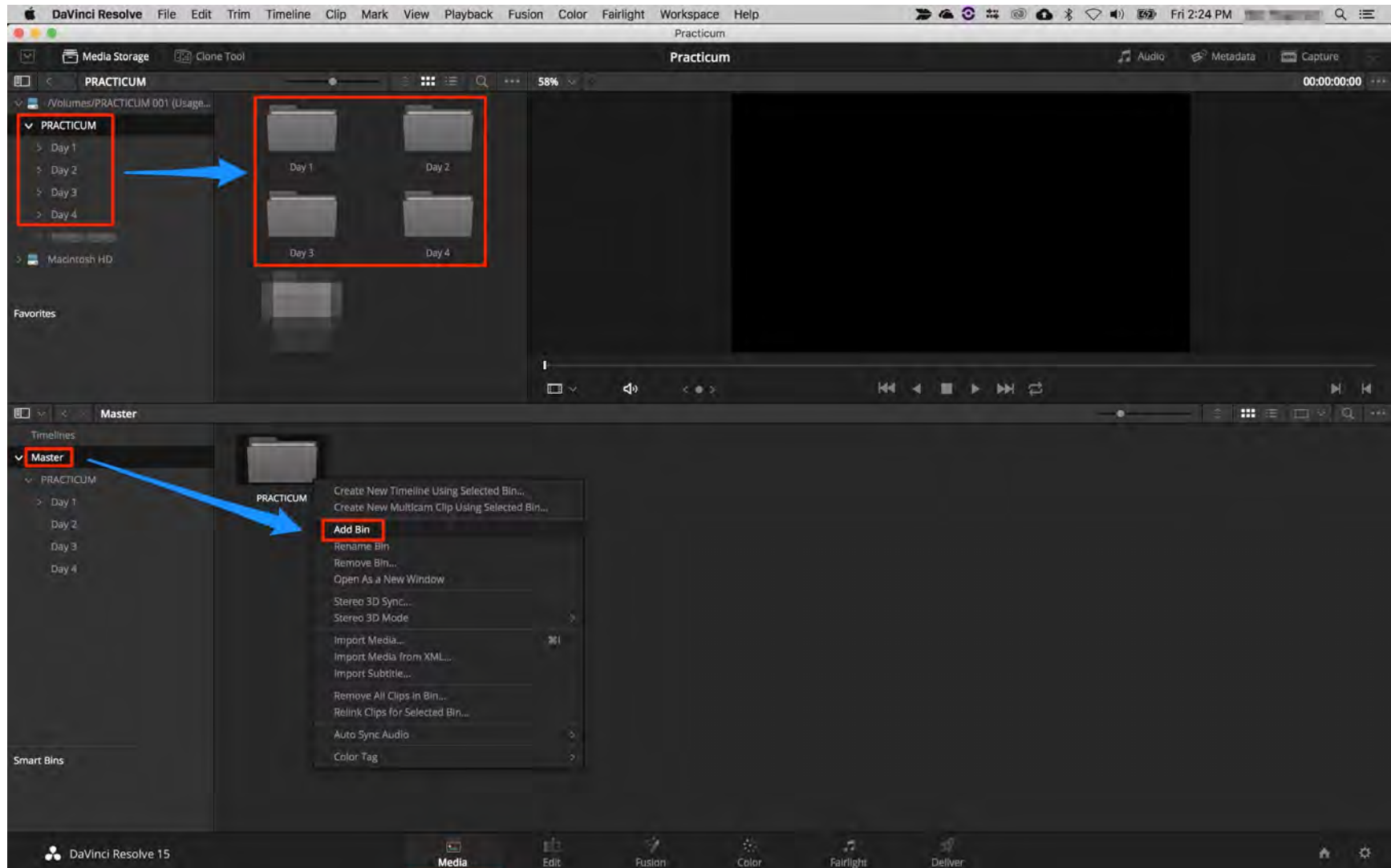
1. The Card will Clone to all 3 drives.
 - a. QC each card – check the slate, picture, and audio against the camera reports



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Step 4: Media Tab: Build the Project in the Media Pool - Add Bins

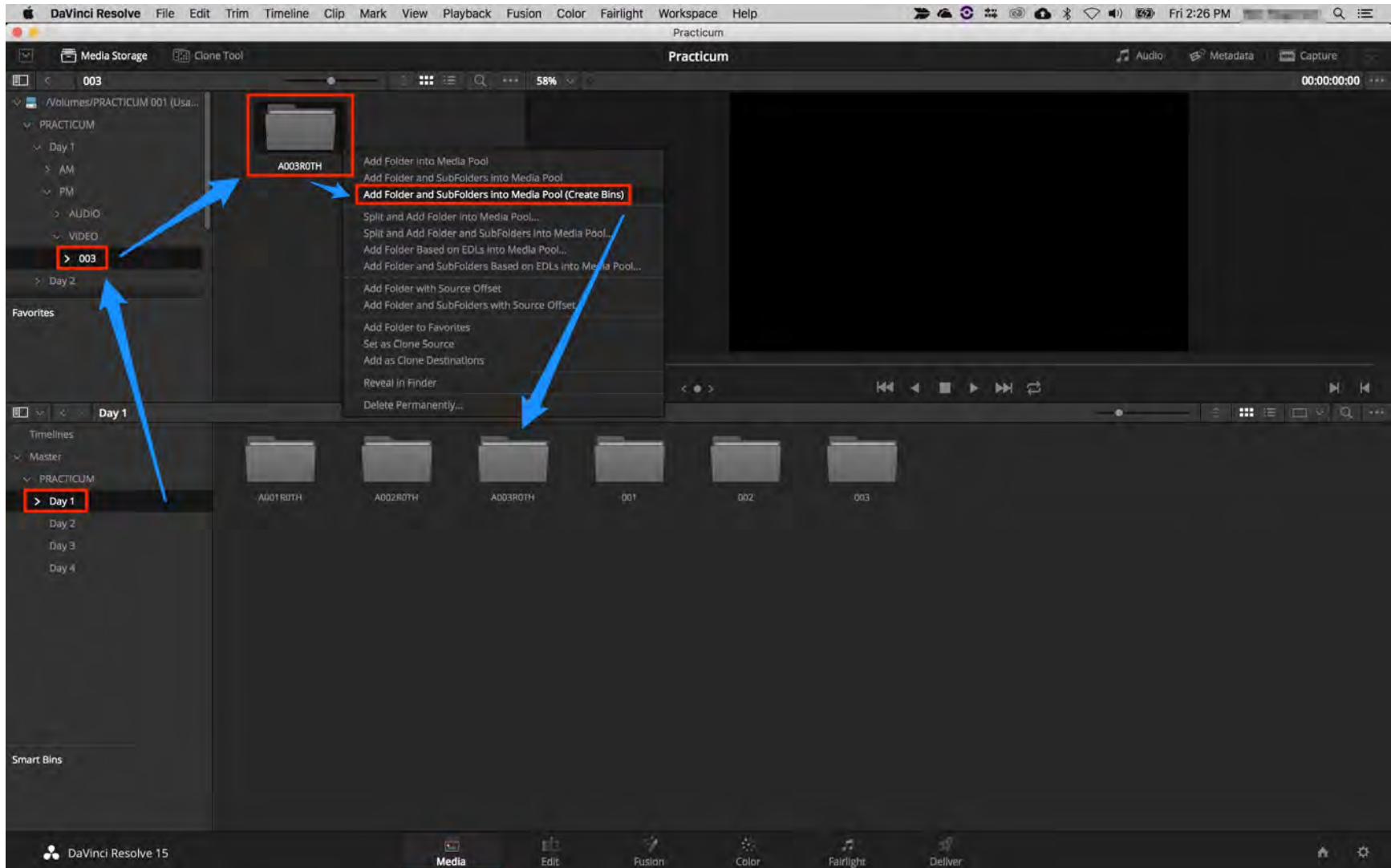
1. R-Click Master > Add Bin
 - a. Label: PROJECT NAME
2. R-Click PROJECT NAME > Add Bin for each Day of production (Day 1, Day 2, Day 3, Day 4)



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Step 5: Media Tab: Add the Video and Audio for each Day to the correct Day Bin in the Media Pool

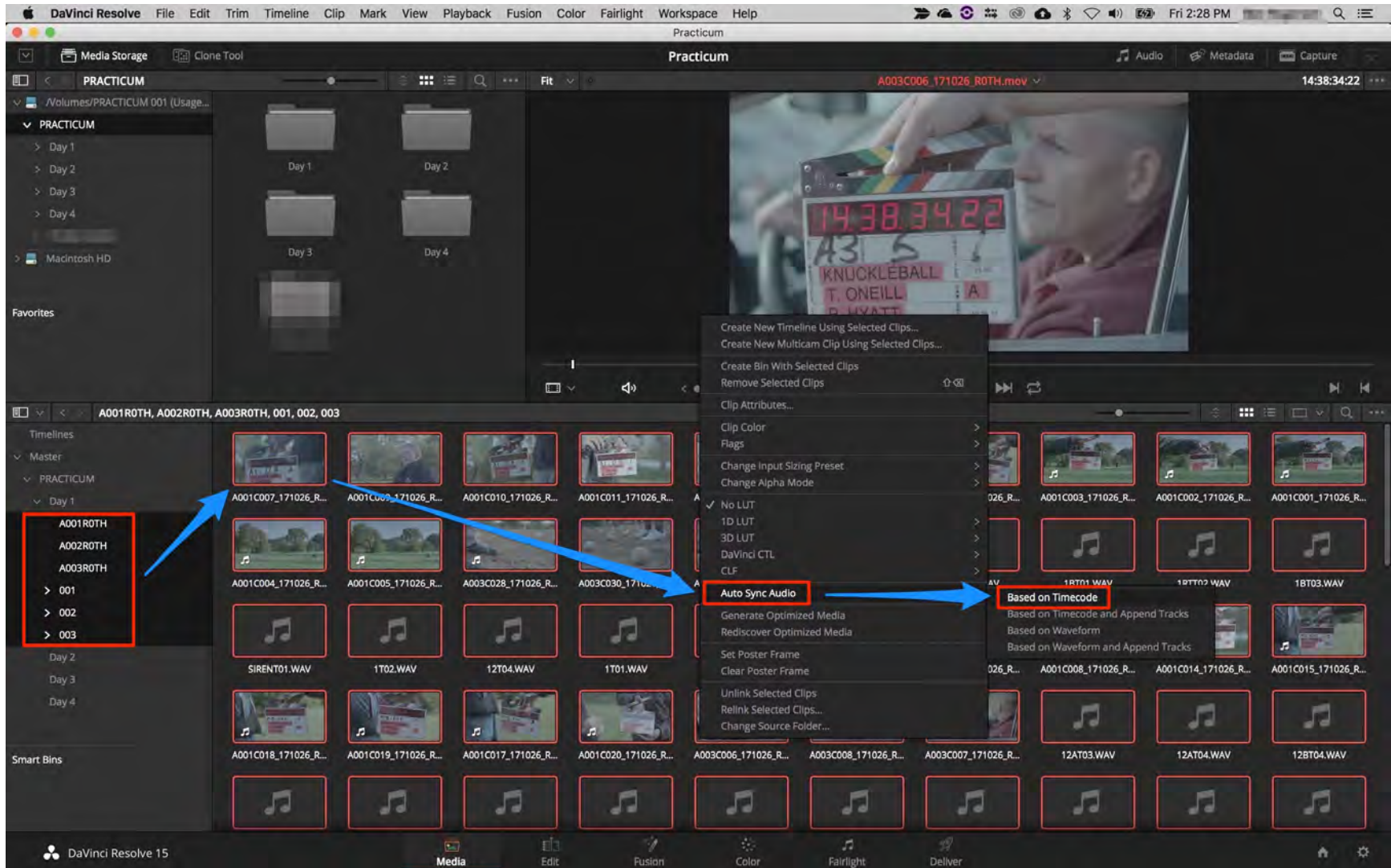
1. Select the Day Bin
2. Navigate to the Video Roll
3. R-Click > Add Folder and SubFolders into Media Pool (Create Bins)
 - a. Continue until all the Video and Audio Rolls are added into the Media Pool



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Step 6: Media Tab: Auto Sync

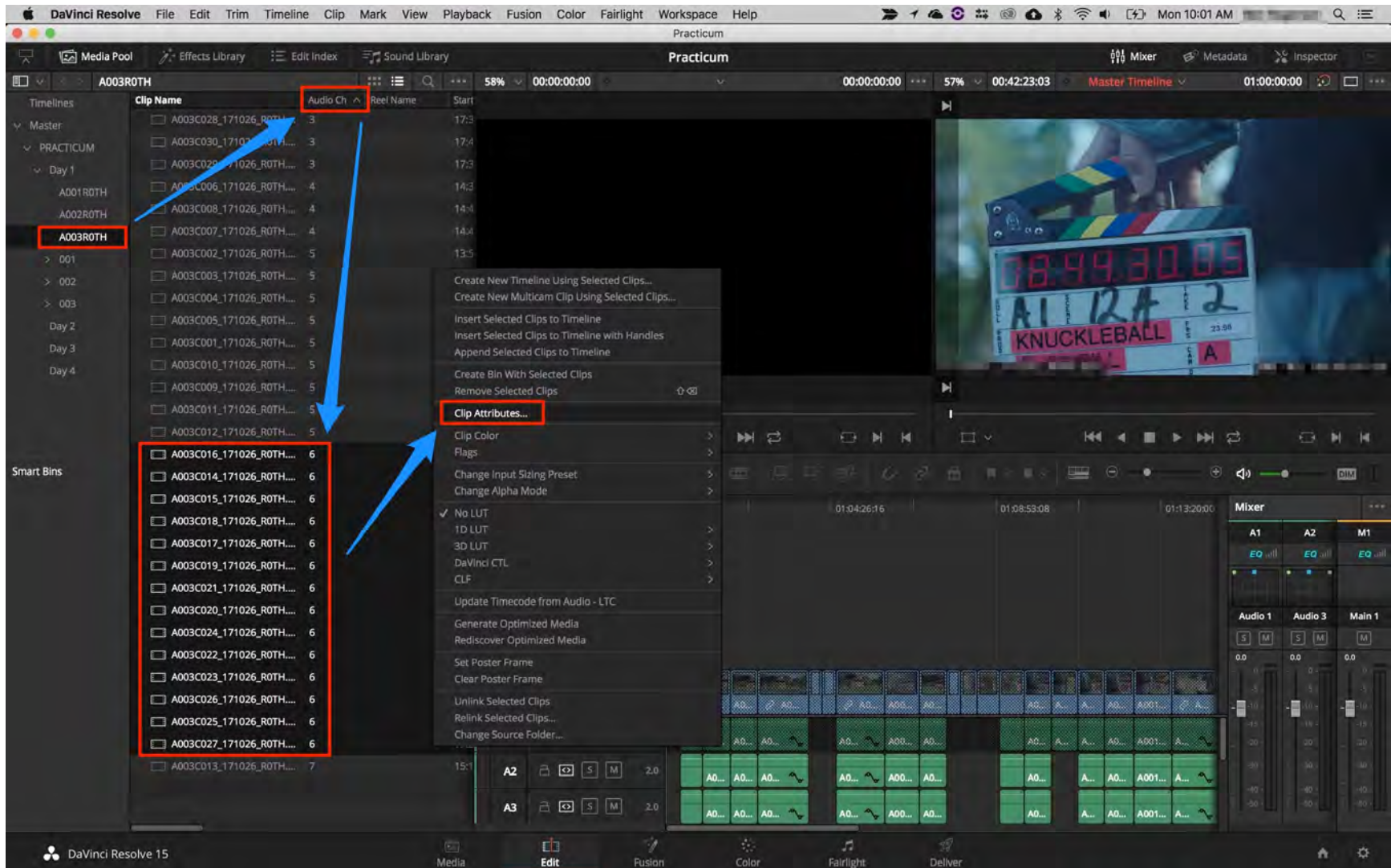
1. Shift-Click the Video and Audio Bins you want to Auto Sync – The Video and Audio clips will populate the Media Pool
2. Select the 1st Video Clip
 - a. Command-A to select everything in the Media Pool
3. R-Click > Auto Sync Audio Based on Timecode



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Step 7: Edit Tab: Adjust Audio Clip Attributes

1. Select the Card Bin
2. Sort by Audio Channel
3. Select all the Clips with 6 Channels
4. R-Click > Clip Attributes
 - a. Clips with 6 or 8 Channels have been recorded 5.1 or 7.1 and must be changed to Mono before Delivery



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Step 8: Edit Tab: Change 5.1 Channels to Mono

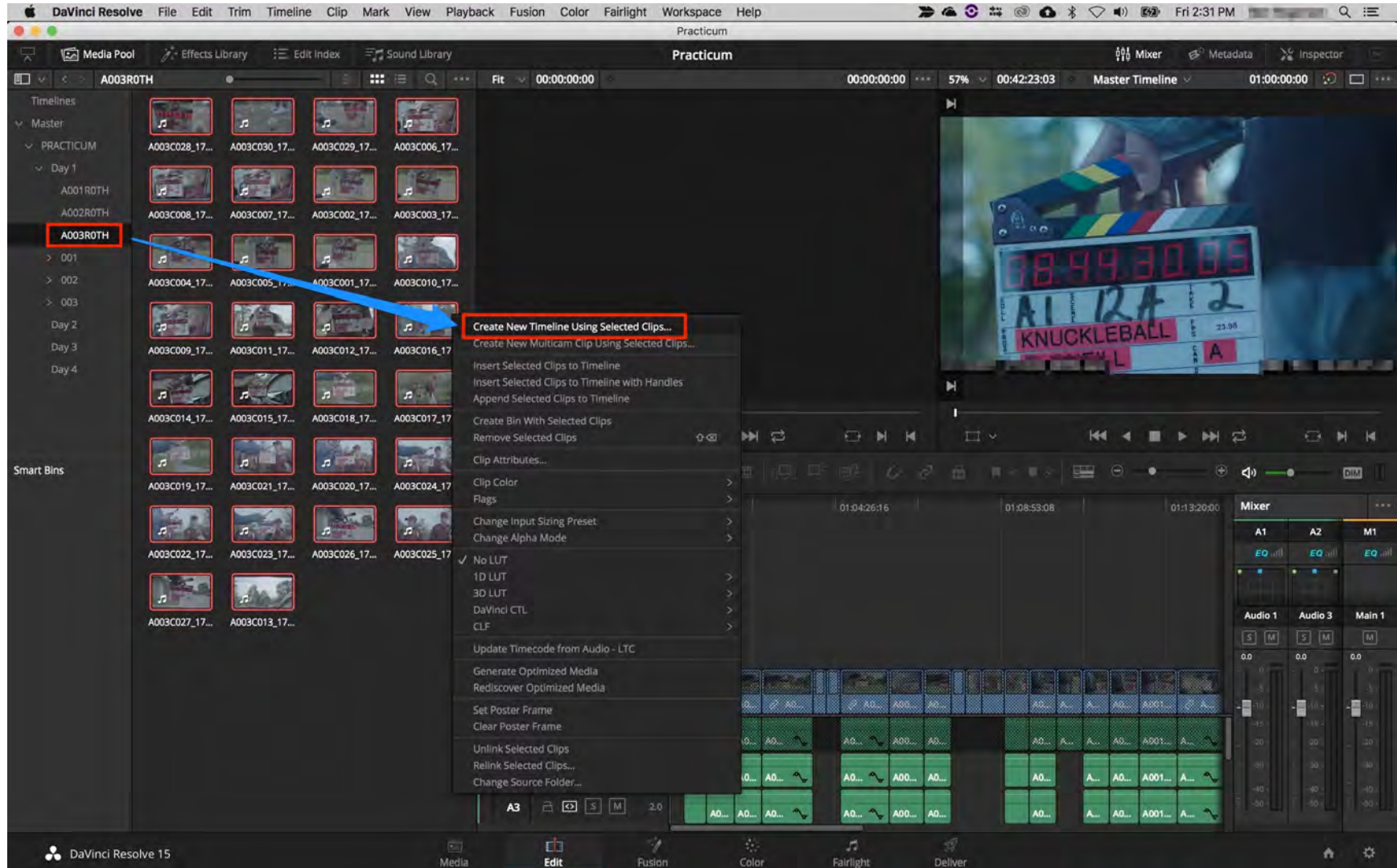
1. Change the 5.1 to Mono – You'll be left with 1 track
2. Change the 5.1 to Mono > Tracks: 5 > Add
 - a. 5 more tracks will be added below
3. Adjust the Source Channel to match the Audio Channel Order
4. OK

The screenshot shows the DaVinci Resolve interface with the 'Clip Attributes' dialog box open. The 'Audio' tab is selected, and the 'Format' is set to 'Mono'. The 'Tracks' field shows '5' with an 'Add' button. The 'Source Channel' list is populated with 6 channels: 1 - MixL (Linked), 2 - BOOM (Linked), 3 - MATT (Linked), 4 - TY (Linked), 5 - COACH (Linked), and 6 - BOOMPSTFADE (LI). The 'OK' button is highlighted with a red box. Blue arrows point from the 'Format' dropdown, the 'Source Channel' list, and the 'OK' button.

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Step 9: Edit Tab: Create Timelines for each Card

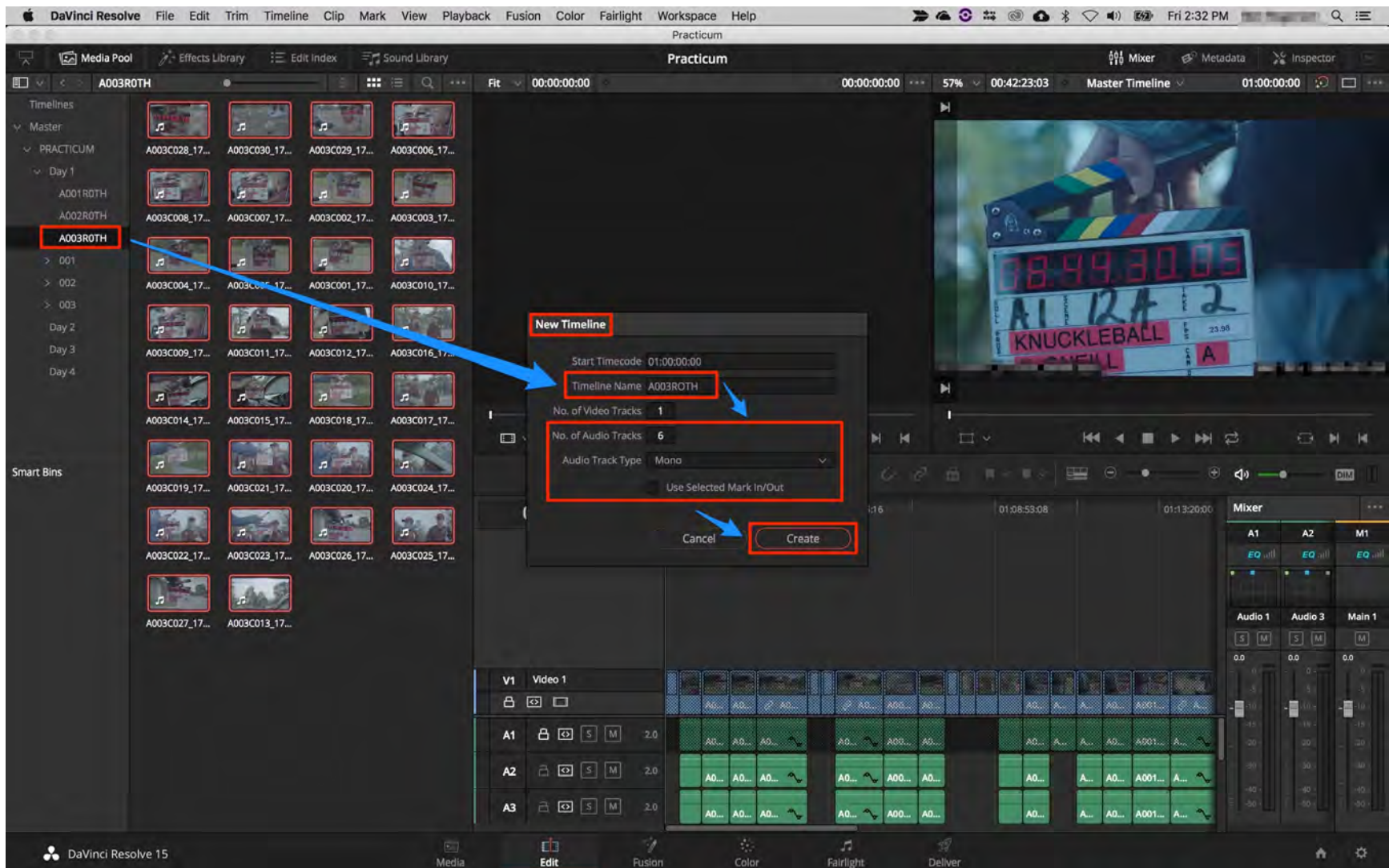
1. Select the Card Bin
2. R-Click > Create Timeline Using Selected Clips



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Step 10: Edit Tab: New Timeline Settings

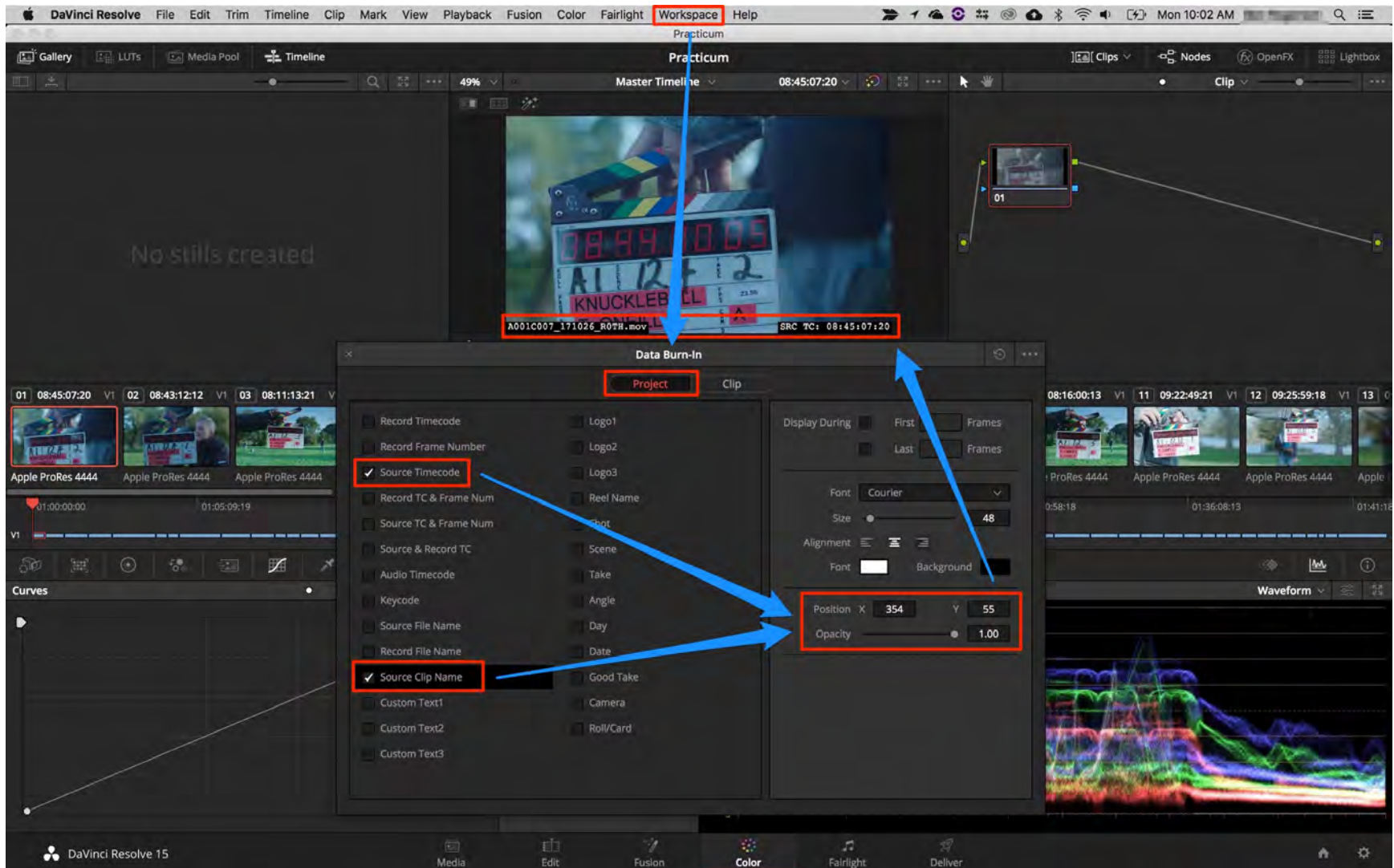
1. Timeline Name: Card – Ex: A003ROTH or 003
2. No. Of Audio Tracks: 6 or max # of Audio Tracks in Timeline
3. Audio Track Type: Mono
4. De-select Mark In/Out
5. Create: **Rec709 is applied**



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Step 11: Color Tab: Add Data Burn In

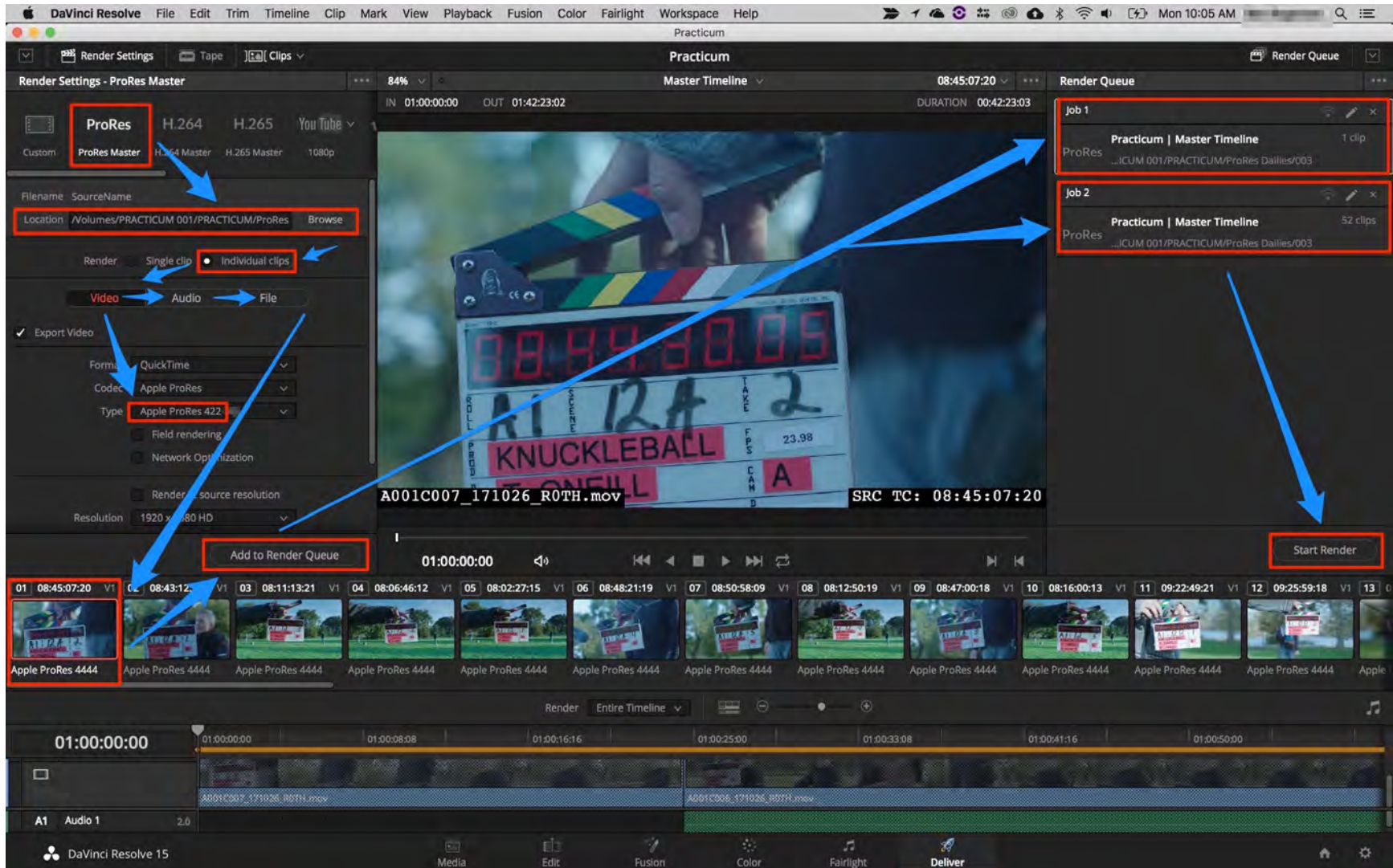
1. Workspace Menu > Data Burn In > Set to Project (applied to all clips)
2. Select Source Timecode and Source Clip Name
3. Adjust the X/Y Position
 - a. Source Timecode Bottom Right and Source Clip Name Bottom Left
 - b. Adjust the Opacity to .50



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Step 12: Deliver Tab: Create ProRes 422 Dailies

1. Select the **ProRes: ProRes Master** Preset
2. Change the Location to a designated folder on DIT COLOR
3. Select Individual Clips
4. Video: **Apple ProRes 422** | Audio: Linear PCM, Same as Source, 24 | File: Source Name (changes above location)
5. Add 1 Clip to Render Queue > **Start Render** (QC prior to rendering entire timeline: Spot check audio and data burn in)
6. Add Timeline to Render Queue > **Start Render**



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Step 13: Deliver Tab: Create H.264 Dailies

1. Select the **H.264: H.264 Master** Preset
2. Change the Location to a designated folder on DIT COLOR (different from ProRes)
3. Select Single Clip
4. Video: **QuickTime H.264** | Audio: Main 1 (Stereo) | File: Timeline Name (changes above location)
5. Add Timeline to Render Queue > **Start Render**

