



How to get the list of runs for particular target and trigger, Ar run

- Login to NICA Cluster
- Go to the directory with lists of runs
`cd /nica/mpd20/plotnikov/addtriggerstoidentifiedtracks`
- Get existing lists
`ls -d Trig_* | grep -v _full`
`Trig_BdGt1SiGt2 Trig_BdGt2 Trig_BdGt2AndBdGt3`
...
- Output format is Trig_<name of trigger>

How to get the list of runs for particular target and trigger, Ar run

- 5 cases of the <name of trigger> for real triggers in argon run is

Trig_BdGt1SiGt2	BD>1 && Si>2
Trig_BdGt2	BD>2
Trig_BdGt3	BD>3
Trig_SiGt2	Si>2
Trig_SiGt3	Si>3

- 2 cases of the <name of trigger> for combined triggers in argon run is

Trig_BdGt2AndBdGt3 Trig_SiGt2AndSiGt3



How to get the list of runs for particular target and trigger, Ar run

- Get full list of runs for particular **real trigger**. For example

Trig_BdGt3

```
ls Trig_BdGt3 | grep BmnGemCscTof400IdentifiableTracks |
```

```
awk -F BmnGemCscTof400IdentifiableTracks '{ print $2 }' |
```

```
awk -F _withTrig '{ print $1 }'
```

3756

3771

3772

...



How to get the list of runs for particular target and trigger, Ar run

- 5 cases of the targets in argon run is

C	carbon
Al	aluminum
Cu	copper
Sn	tin
Pb	lead



How to get the list of runs for particular target and trigger, Ar run

- Get full list of runs for particular **real trigger** and particular target. For example Trig_BdGt3 and AI

```
ls Trig_BdGt3/AI | grep BmnGemCscTof400IdentifiableTracks |
```

```
awk -F BmnGemCscTof400IdentifiableTracks '{ print $2 }' |
```

```
awk -F _withTrig '{ print $1 }'
```

```
3756
```

```
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```

```
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```

```
...
```