

# Filters

## Mining

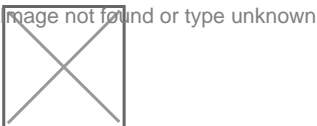
- all filter definitions are passed to the `oci_extract_hk_data`, and it generates full/delta, time bin, and marker binned filtered data. The filtered data output files are associated with each filter definition ID
- This filtered data can be used to plot filtered data through the OCI HK tool (full/delta and time binned)
- Generate filtered trend data

## Exporting

- Filter definitions can be associated with a profile's `filter` field. The JSON `filter` key can use either the filter definition's `ID` or `name`. If the filter definitions associated with a profile have mnemonics that overlap, the first filter (by JSON array index) will be applied and others are ignored (a warning message will be output by `oci_extract_hk_data`).

```
[
  {
    "filter": "om_visnir_on"
  },
  {
    "filter": "om_uvvis_on"
  },
  {
    "filter": "valid_dauc_tlm"
  }
]
```

- One off filters can be defined before exporting by inputting the filter condition into the "filter configuration" box. You can also define which HKIDs the filter should be applied to.



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