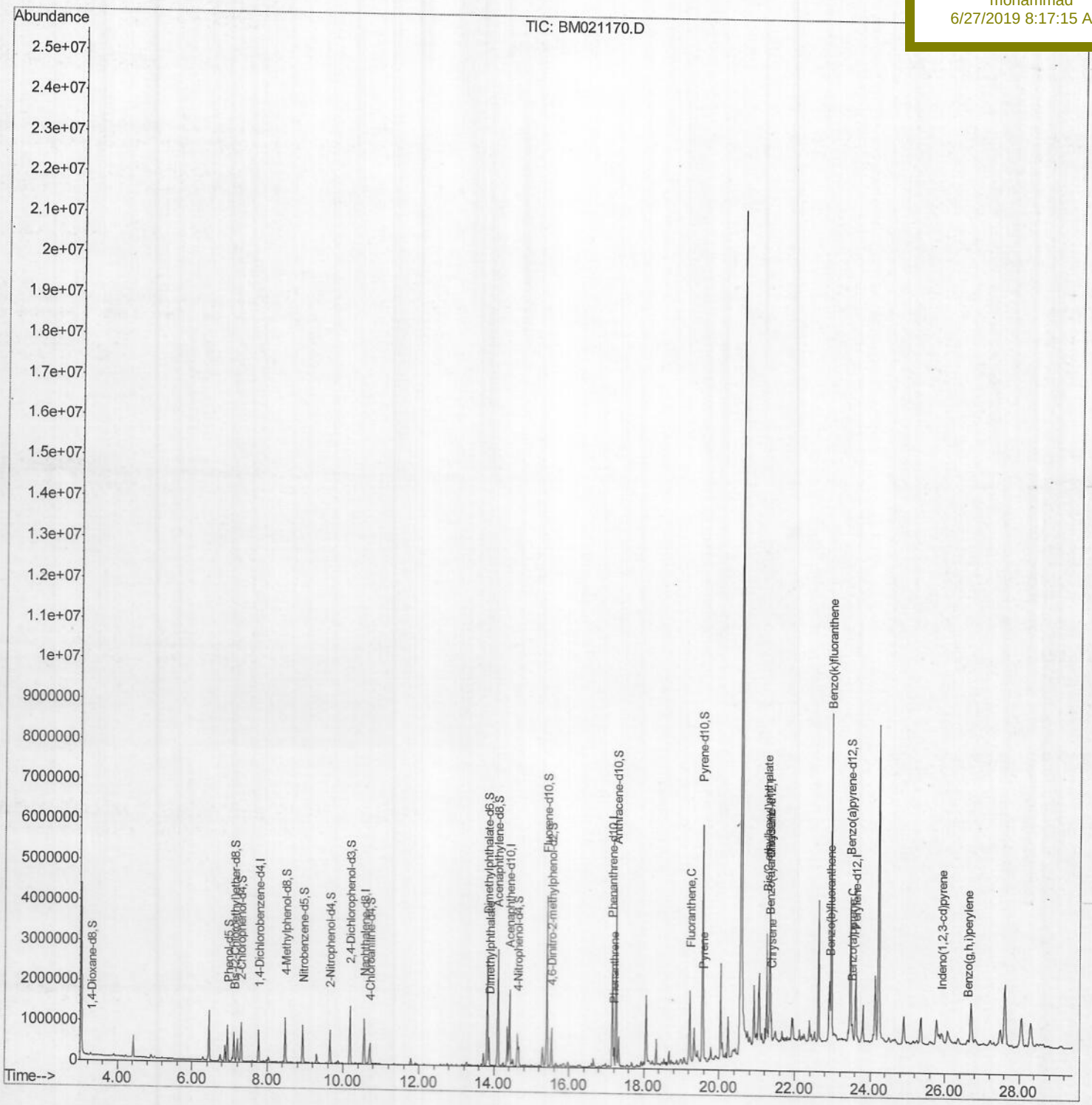
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021170.D
Acq On : 25 Jun 2019 20:28
Operator : HP/JU
Sample : K3498-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 26 01:58:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C5AA0

**Manual Integrations APPROVED**
mohammad
6/27/2019 8:17:15 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021170.D
Acq On : 25 Jun 2019 20:28
Operator : HP/JU
Sample : K3498-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 26 01:38:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
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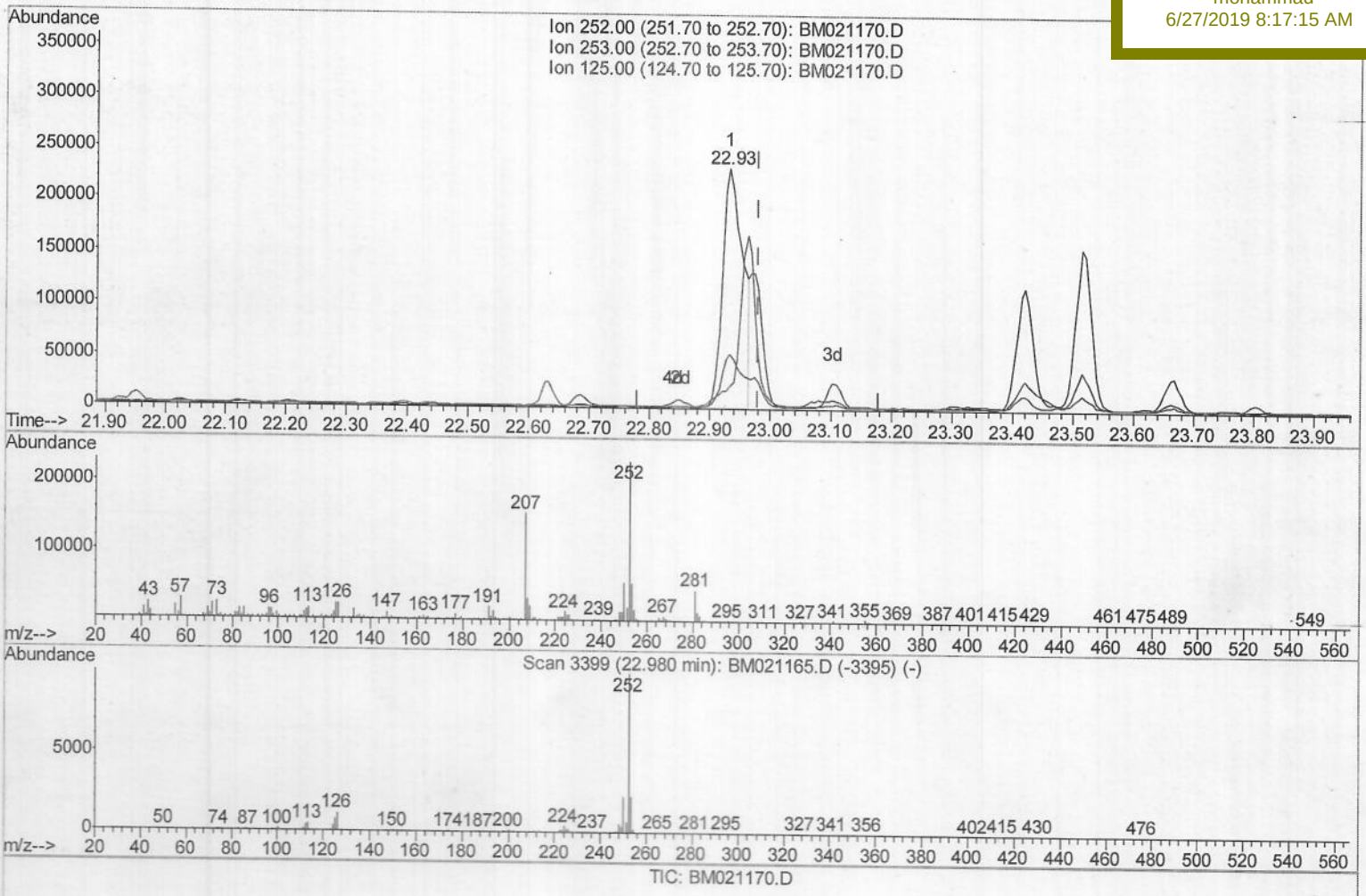
**Manual Integrations APPROVED**
mohammad
6/27/2019 8:17:15 AM










TIC: BM021170.D

(88) Benzo(k)fluoranthene

22.933min (-0.047) 6.72ng/ul

response 532242

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.90 | 23.31 |
| 125.00 | 8.20 | 9.59 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
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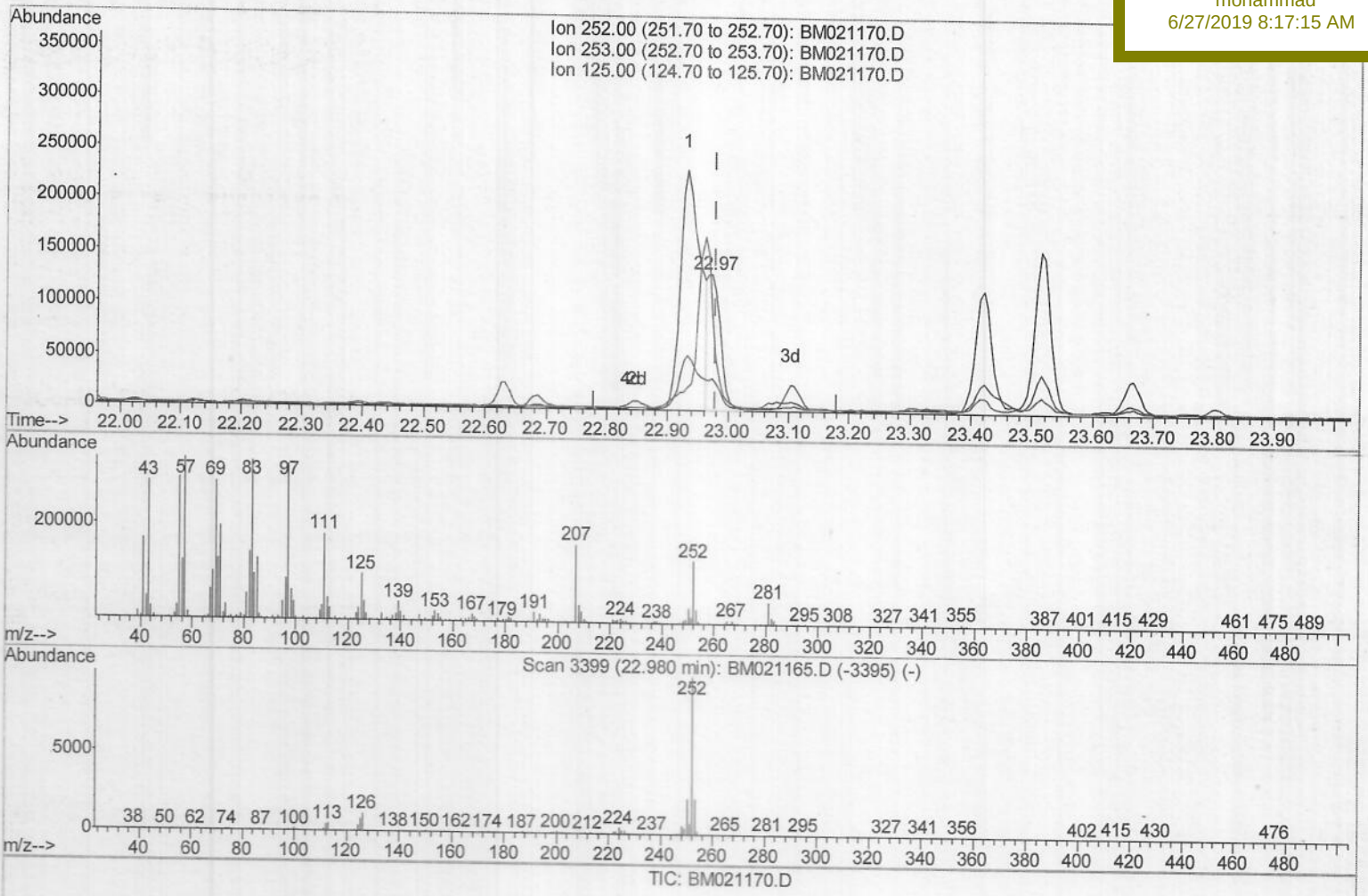
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C5AA0

**Manual Integrations APPROVED**
mohammad
6/27/2019 8:17:15 AM










TIC: BM021170.D

(88) Benzo(k)fluoranthene

22.974min (-0.006) 2.45ng/ul m >JU 06/27/19

response 193859

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.90 | 23.68 |
| 125.00 | 8.20 | 73.59# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021170.D
Acq On : 25 Jun 2019 20:28
Operator : HP/JU
Sample : K3498-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 26 01:58:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** C5AA0

**Manual Integrations APPROVED**
mohammad
6/27/2019 8:17:15 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 209514 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.56 | 136 | 931727 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.41 | 164 | 611880 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.16 | 188 | 1517935 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.34 | 240 | 1399868 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.61 | 264 | 1299926 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.29 | 96 | 19878 | 4.51 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.94 | 99 | 521262 | 28.58 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.11 | 67 | 306544 | 28.21 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.30 | 132 | 434068 | 29.29 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.47 | 113 | 406783 | 26.72 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.93 | 128 | 228790 | 30.24 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.65 | 143 | 263789 | 31.41 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.17 | 165 | 545038 | 31.92 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.70 | 131 | 282495 | 15.86 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.82 | 166 | 1801673 | 32.59 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.10 | 160 | 2091604 | 30.90 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.62 | 143 | 217905 | 24.23 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.40 | 176 | 1610783 | 33.49 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 213087 | 22.84 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.26 | 188 | 2534388 | 32.13 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.55 | 212 | 2844007 | 33.86 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.47 | 264 | 2417257 | 31.52 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.87 | 163 | 432330 | 8.590 | ng/ul | 100 |
| 69) Phenanthrene | 17.20 | 178 | 240648 | 2.867 | ng/ul | 99 |
| 76) Fluoranthene | 19.22 | 202 | 850081 | 9.372 | ng/ul | 99 |
| 79) Pyrene | 19.58 | 202 | 691652 | 6.989 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.33 | 228 | 343560 | 3.600 | ng/ul | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.25 | 149 | 891495 | 17.092 | ng/ul | 100 |
| 84) Chrysene | 21.38 | 228 | 432803 | 4.842 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 22.93 | 252 | 532242 | 6.464 | ng/ul# | 97 |
| 88) Benzo(k)fluoranthene | 22.97 | 252 | 193859m | 2.447 | ng/ul | |
| 90) Benzo(a)pyrene | 23.51 | 252 | 286085 | 3.691 | ng/ul | 96 |
| 91) Indeno(1,2,3-cd)pyrene | 25.90 | 276 | 201497 | 2.208 | ng/ul | 96 |
| 93) Benzo(g,h,i)perylene | 26.61 | 276 | 158082 | 2.103 | ng/ul | 98 |

JU 06/27/19

(#) = qualifier out of range (m) = manual integration (+) = signals summed