Quantitation Report (QT Reviewed)

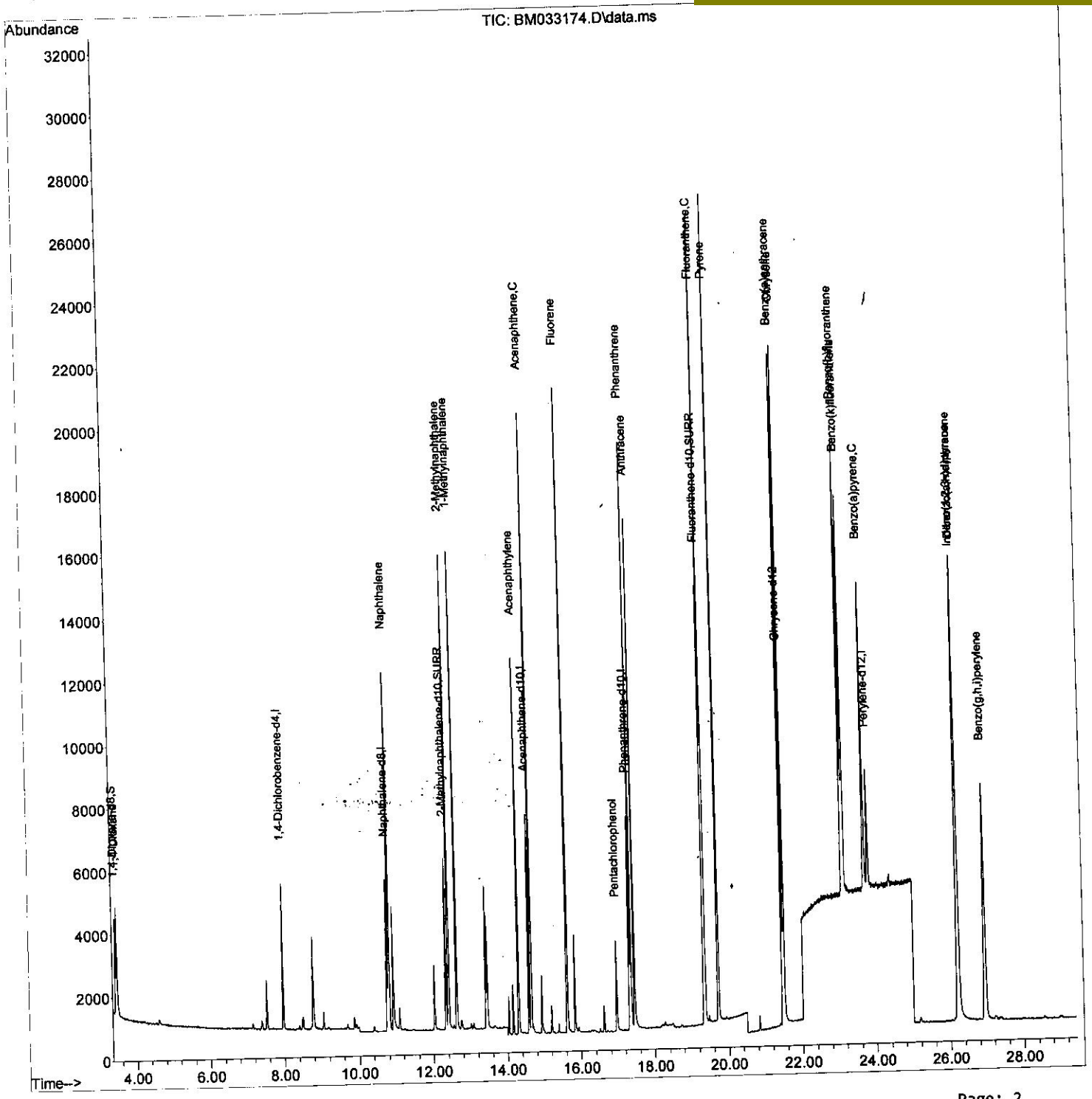
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033174.D
Acq On : 19 Nov 2021 13:52
Operator : CG/JU
Sample : SSTD0.859
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 19 15:05:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:17:00 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8011

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



# Quantitation Report (Qedit)

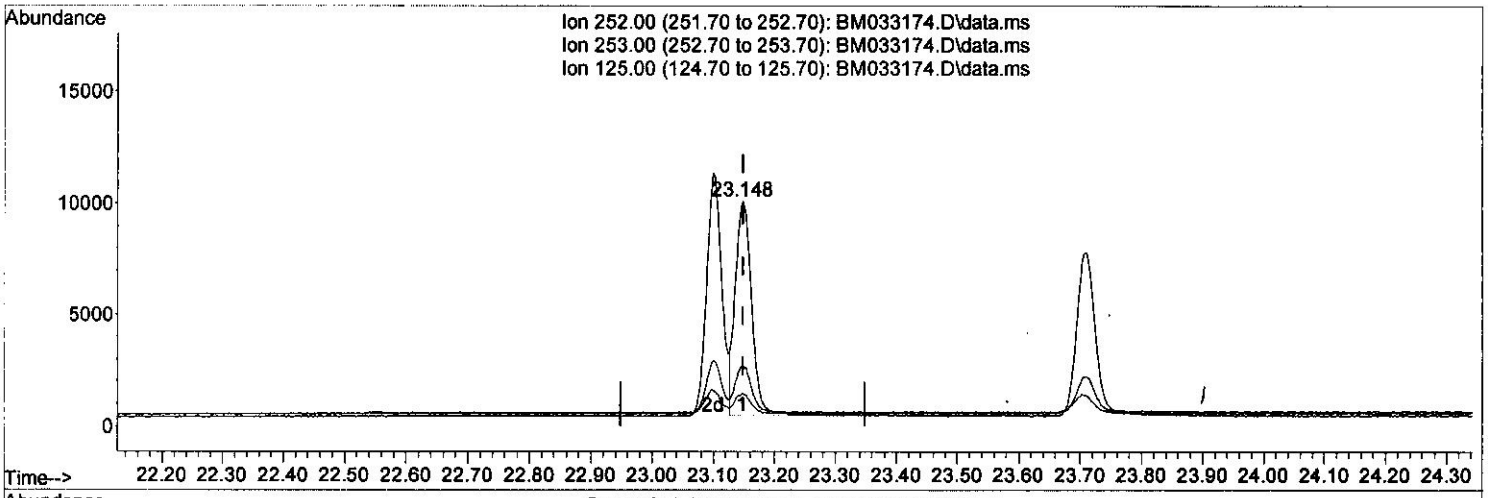
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033174.D
Acq On : 19 Nov 2021 13:52
Operator : CG/JU
Sample : SSTD0.859
Misc :
ALS Vial : 5 Sample Multiplier: 1

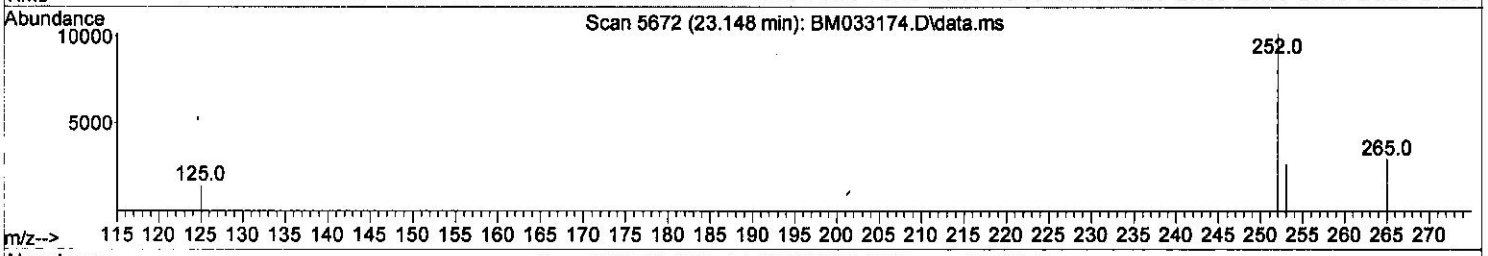
Quant Time: Nov 19 15:05:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:17:00 2021
Response via : Initial Calibration

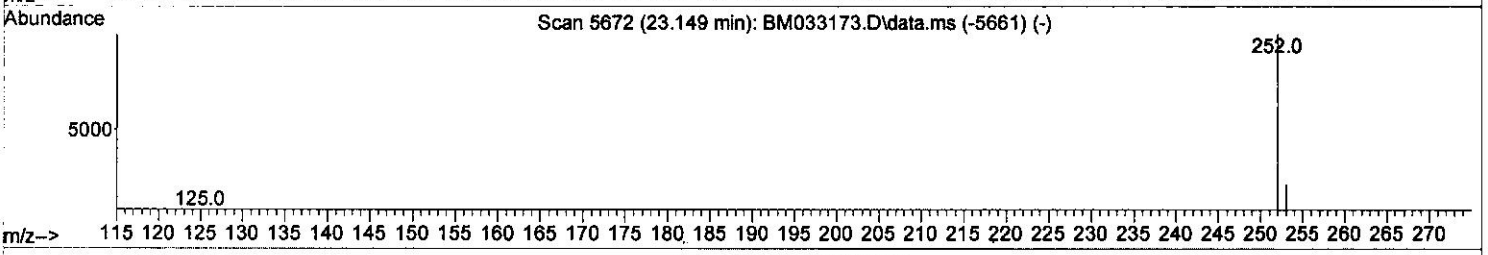
**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8011

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021




TIC: BM033174.D\data.ms

(25) Benzo(k)fluoranthene

23.148min (-0.001) 0.68 ng/ul

response 18221

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.90 | 26.73 |
| 125.00 | 18.20 | 14.75 |
| 0.00 | 0.00 | 0.00 |

# Quantitation Report (Qedit)

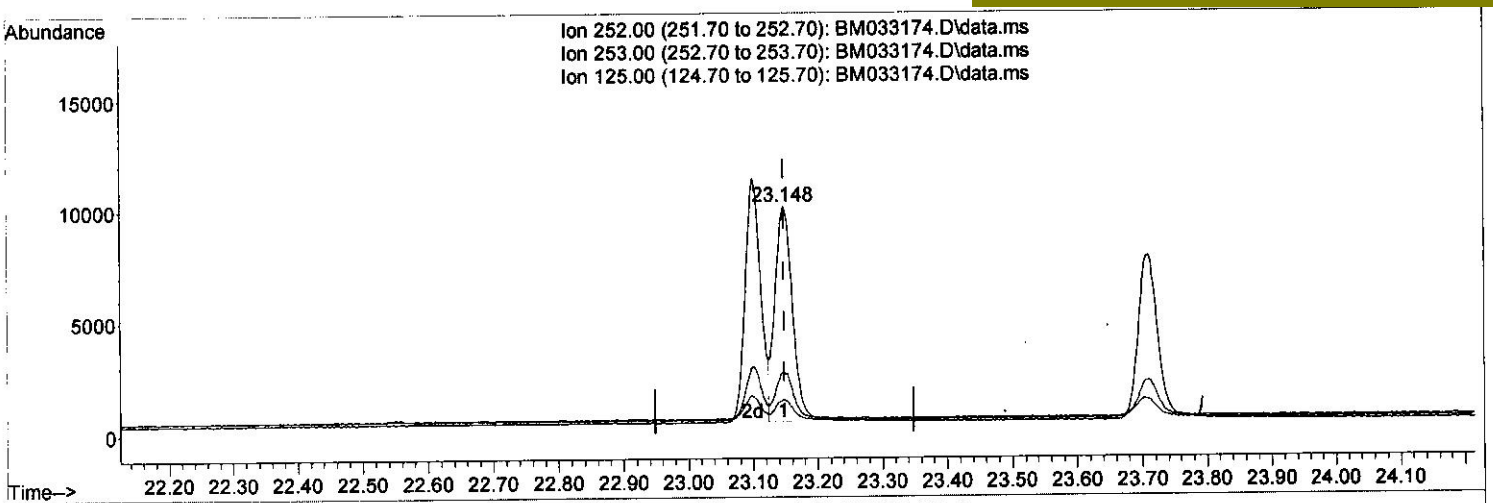
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033174.D
Acq On : 19 Nov 2021 13:52
Operator : CG/JU
Sample : SSTD0.859
Misc :
ALS Vial : 5 Sample Multiplier: 1

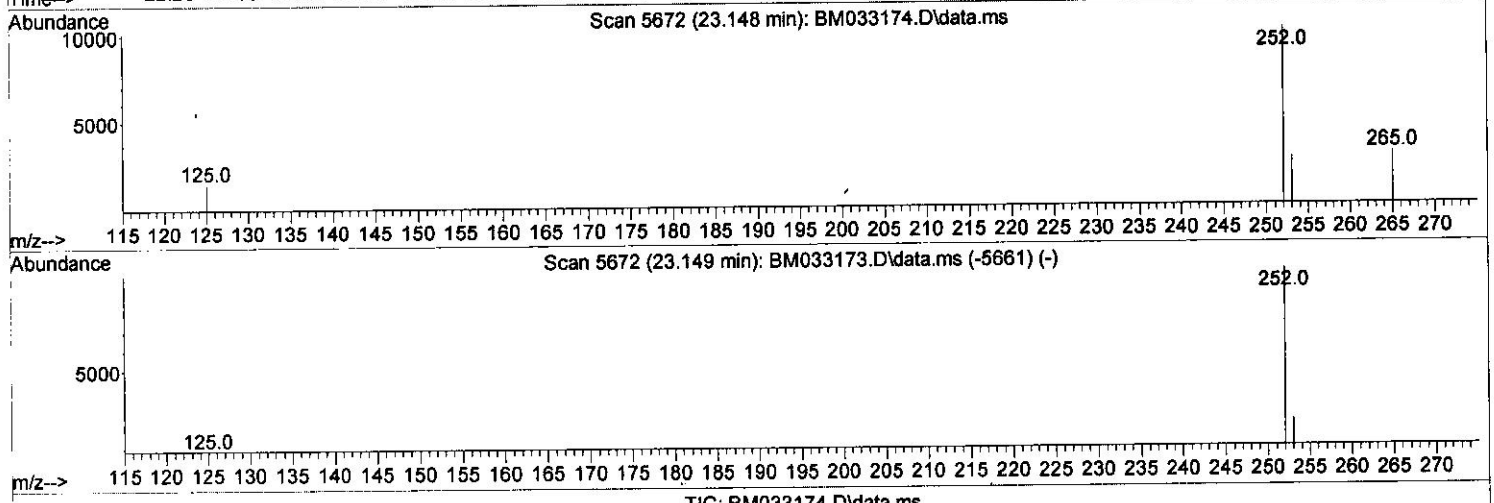
Quant Time: Nov 19 15:05:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:17:00 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8011

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021







TIC: BM033174.D\data.ms

(25) Benzo(k)fluoranthene

23.148min (-0.001) 0.68 ng/ul m

response 18262

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.90 | 26.73 |
| 125.00 | 18.20 | 14.75 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033174.D
Acq On : 19 Nov 2021 13:52
Operator : CG/JU
Sample : SSTD0.859
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 19 15:05:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:17:00 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8011

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.963 | 152 | 2404 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.760 | 136 | 6505 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.583 | 164 | 3744 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.316 | 188 | 7980 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.472 | 240 | 6670 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.812 | 264 | 5487 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.420 | 96 | 1793 | 0.584 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.339 | 152 | 7028 | 0.761 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.334 | 212 | 15035 | 0.744 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.455 | 88 | 2137 | 0.678 | ng/ul | 91 |
| 5) Naphthalene | 10.810 | 128 | 15664 | 0.829 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.415 | 142 | 10238 | 0.782 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.631 | 142 | 10140 | 0.791 | ng/ul | 100 |
| 10) Acenaphthylene | 14.303 | 152 | 13771 | 0.846 | ng/ul# | 99 |
| 11) Acenaphthene | 14.644 | 153 | 11237 | 0.791 | ng/ul | 99 |
| 12) Fluorene | 15.626 | 166 | 12771 | 0.762 | ng/ul | 98 |
| 14) Pentachlorophenol | 16.965 | 266 | 2097 | 1.009 | ng/ul | 96 |
| 15) Phenanthrene | 17.357 | 178 | 20188 | 0.761 | ng/ul | 99 |
| 16) Anthracene | 17.451 | 178 | 18051 | 0.775 | ng/ul | 99 |
| 19) Fluoranthene | 19.360 | 202 | 22490 | 0.719 | ng/ul | 97 |
| 20) Pyrene | 19.722 | 202 | 22479 | 0.691 | ng/ul | 96 |
| 21) Benzo(a)anthracene | 21.455 | 228 | 17651 | 0.717 | ng/ul | 99 |
| 22) Chrysene | 21.508 | 228 | 18994 | 0.684 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.099 | 252 | 18529 | 0.736 | ng/ul | 94 |
| 25) Benzo(k)fluoranthene | 23.148 | 252 | 18262m | 0.677 | ng/ul | |
| 26) Benzo(a)pyrene | 23.708 | 252 | 15780 | 0.760 | ng/ul | 91 |
| 27) Indeno(1,2,3-cd)pyrene | 26.208 | 276 | 20037 | 0.839 | ng/ul# | 88 |
| 28) Dibenzo(a,h)anthracene | 26.223 | 278 | 16068 | 0.850 | ng/ul# | 92 |
| 29) Benzo(g,h,i)perylene | 26.942 | 276 | 17637 | 0.851 | ng/ul# | 92 |

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

JU 11/29/21