

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM121418\  
Quantitation Report (QT Reviewed)

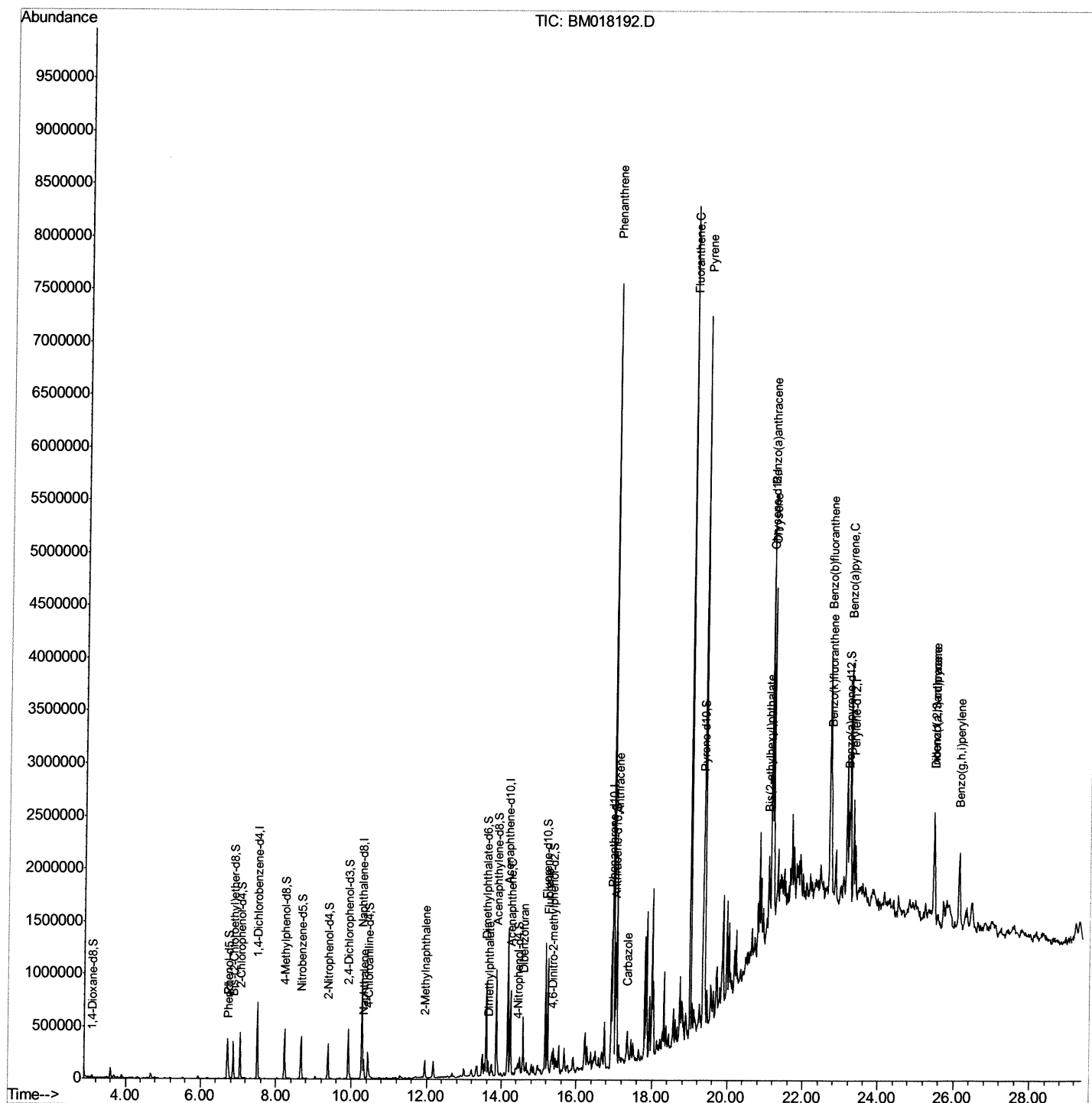
Data File : BM018192.D  
Acq On : 15 Dec 2018 06:24  
Operator : JU/SJ  
Sample : J6238-07  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BE8B6

Manual Integrations  
APPROVED

Sohil  
12/17/2018 4:17:33 PM

Quant Time: Dec 15 20:48:27 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121318MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Dec 15 03:53:40 2018  
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM121418\  
Quantitation Report (Qedit)

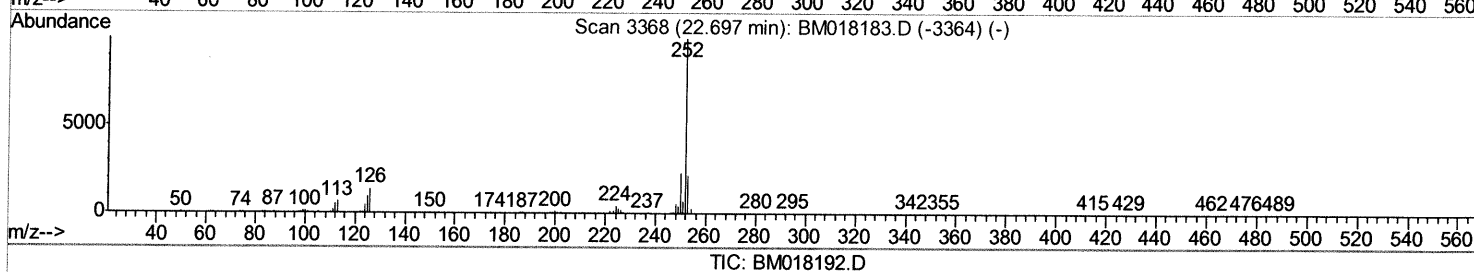
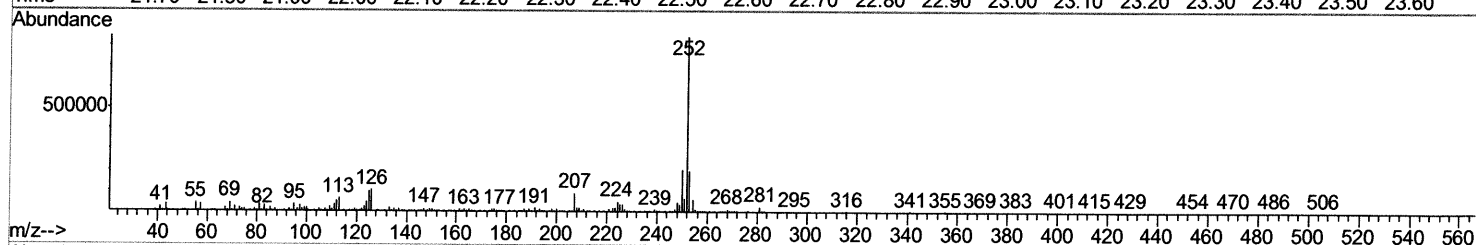
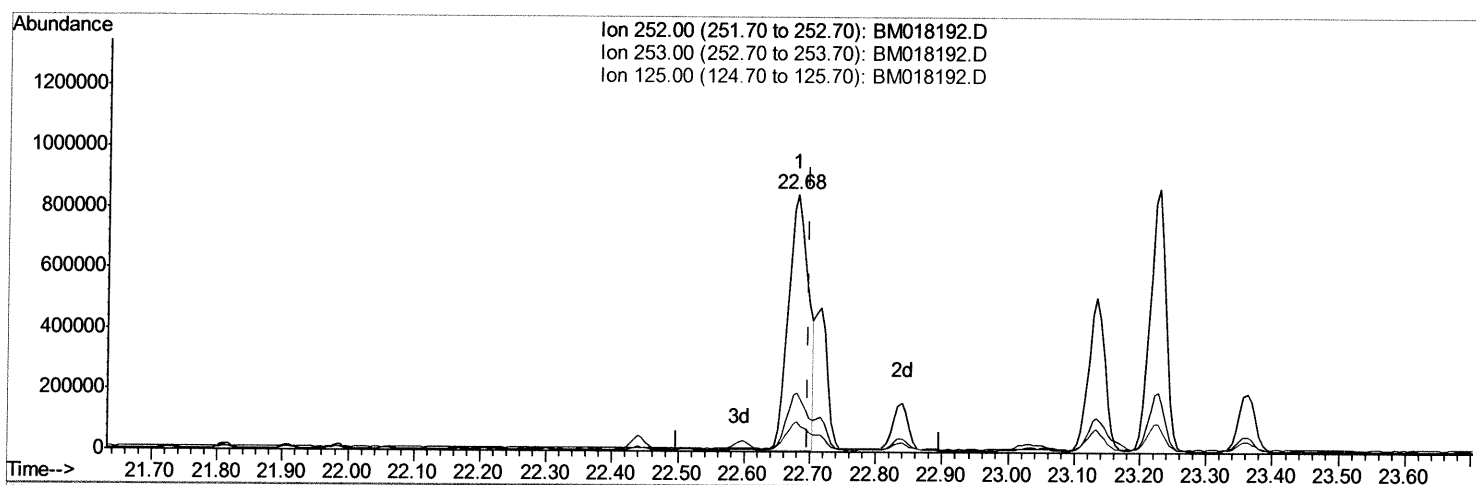
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Quant Title : SVOA CALIBRATION  
QLast Update : Sat Dec 15 03:53:40 2018  
Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.680min (-0.017) 46.66ng/ul

response 1809821

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.70 | 23.03 |
| 125.00 | 9.80  | 11.65 |
| 0.00   | 0.00  | 0.00  |

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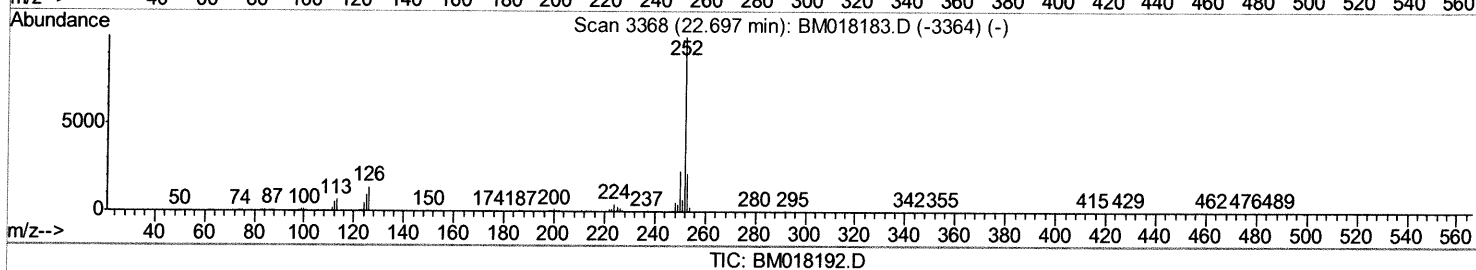
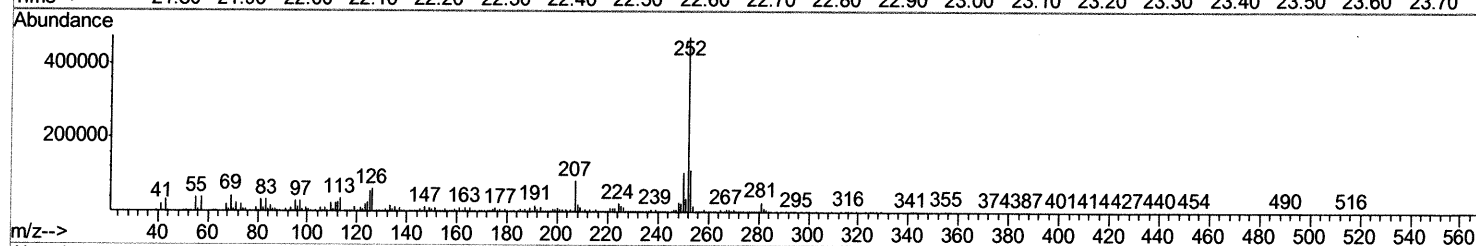
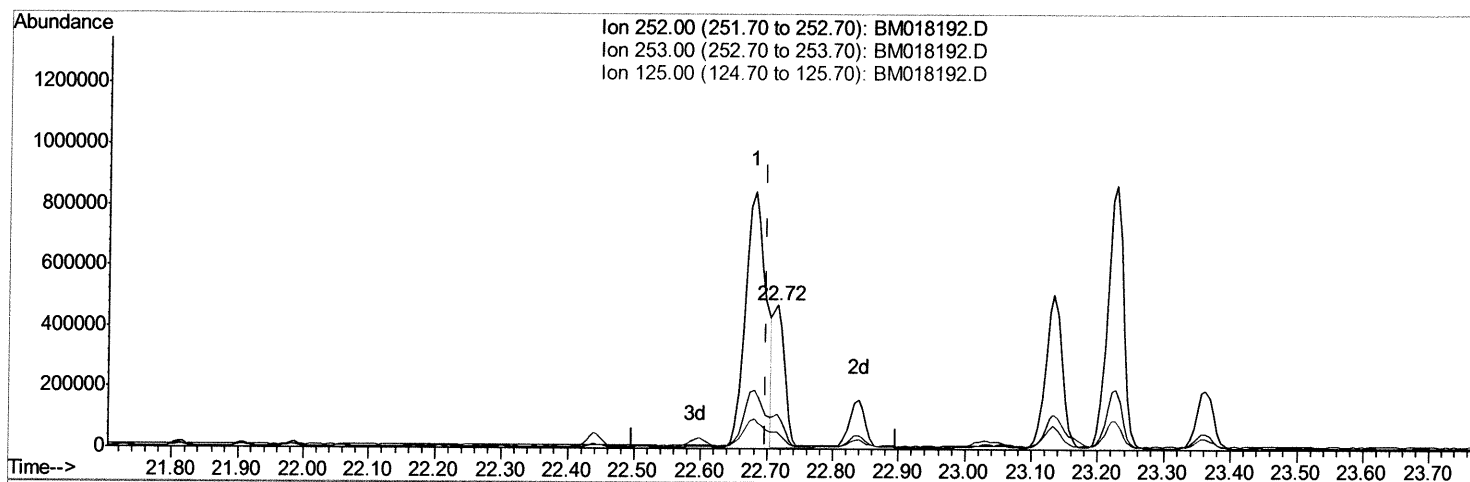
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Manual Integrations  
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(88) Benzo(k)fluoranthene

22.715min (+0.018) 15.27ng/ul m

response 592268

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.70 | 24.07 |
| 125.00 | 9.80  | 11.61 |
| 0.00   | 0.00  | 0.00  |

> SJ  
12117118

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Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.51  | 152  | 191580   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.28 | 136  | 808647   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.17 | 164  | 431546   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.93 | 188  | 750282   | 20.00 | ng/ul | 0.01     |
| 77) Chrysene-d12          | 21.15 | 240  | 588442   | 20.00 | ng/ul | 0.01     |
| 85) Perylene-d12          | 23.32 | 264  | 654056   | 20.00 | ng/ul | 0.02     |

System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.10  | 96  | 12154  | 3.03  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.71  | 99  | 241536 | 13.12 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.86  | 67  | 153212 | 15.52 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.05  | 132 | 205300 | 14.10 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.23  | 113 | 188368 | 12.61 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.67  | 128 | 100732 | 15.16 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.38  | 143 | 109511 | 13.93 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.92  | 165 | 187184 | 13.77 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.43 | 131 | 158005 | 13.15 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.59 | 166 | 592741 | 15.53 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.86 | 160 | 680280 | 14.62 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.43 | 143 | 47252  | 6.86  | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.17 | 176 | 459032 | 14.47 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 9102   | 1.59  | ng/ul | 0.02 |
| 70) Anthracene-d10             | 17.03 | 188 | 567338 | 14.96 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.34 | 212 | 468265 | 16.60 | ng/ul | 0.01 |
| 89) Benzo(a)pyrene-d12         | 23.18 | 264 | 508738 | 14.04 | ng/ul | 0.02 |

Target Compounds

|                                |       |     |         |         | Qvalue |     |
|--------------------------------|-------|-----|---------|---------|--------|-----|
| 6) Phenol                      | 6.73  | 94  | 46786   | 2.584   | ng/ul# | 84  |
| 28) Naphthalene                | 10.32 | 128 | 143631  | 3.301   | ng/ul  | 99  |
| 34) 2-Methylnaphthalene        | 11.95 | 142 | 85660   | 2.654   | ng/ul  | 97  |
| 44) Dimethylphthalate          | 13.63 | 163 | 61165   | 1.683   | ng/ul  | 97  |
| 49) Acenaphthene               | 14.23 | 153 | 317918  | 10.248  | ng/ul  | 99  |
| 53) Dibenzofuran               | 14.57 | 168 | 279352  | 6.513   | ng/ul  | 95  |
| 58) Fluorene                   | 15.23 | 166 | 449132  | 12.603  | ng/ul  | 99  |
| 69) Phenanthrene               | 16.98 | 178 | 4382514 | 100.060 | ng/ul  | 99  |
| 71) Anthracene                 | 17.06 | 178 | 1180680 | 26.194  | ng/ul  | 99  |
| 74) Carbazole                  | 17.35 | 167 | 167650  | 4.087   | ng/ul  | 99  |
| 76) Fluoranthene               | 19.01 | 202 | 4243224 | 83.522  | ng/ul  | 98  |
| 79) Pyrene                     | 19.37 | 202 | 4011818 | 113.958 | ng/ul  | 97  |
| 82) Benzo(a)anthracene         | 21.13 | 228 | 1830747 | 49.159  | ng/ul  | 98  |
| 83) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 263130  | 10.631  | ng/ul  | 100 |
| 84) Chrysene                   | 21.19 | 228 | 1554306 | 44.727  | ng/ul  | 96  |
| 87) Benzo(b)fluoranthene       | 22.68 | 252 | 1809821 | 46.432  | ng/ul# | 96  |
| 88) Benzo(k)fluoranthene       | 22.72 | 252 | 592268m | 15.269  | ng/ul  |     |
| 90) Benzo(a)pyrene             | 23.23 | 252 | 1444641 | 37.576  | ng/ul  | 98  |
| 91) Indeno(1,2,3-cd)pyrene     | 25.46 | 276 | 886682  | 20.324  | ng/ul  | 96  |
| 92) Dibenzo(a,h)anthracene     | 25.46 | 278 | 243136  | 6.559   | ng/ul# | 89  |
| 93) Benzo(g,h,i)perylene       | 26.12 | 276 | 805469  | 22.152  | ng/ul  | 98  |

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| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |