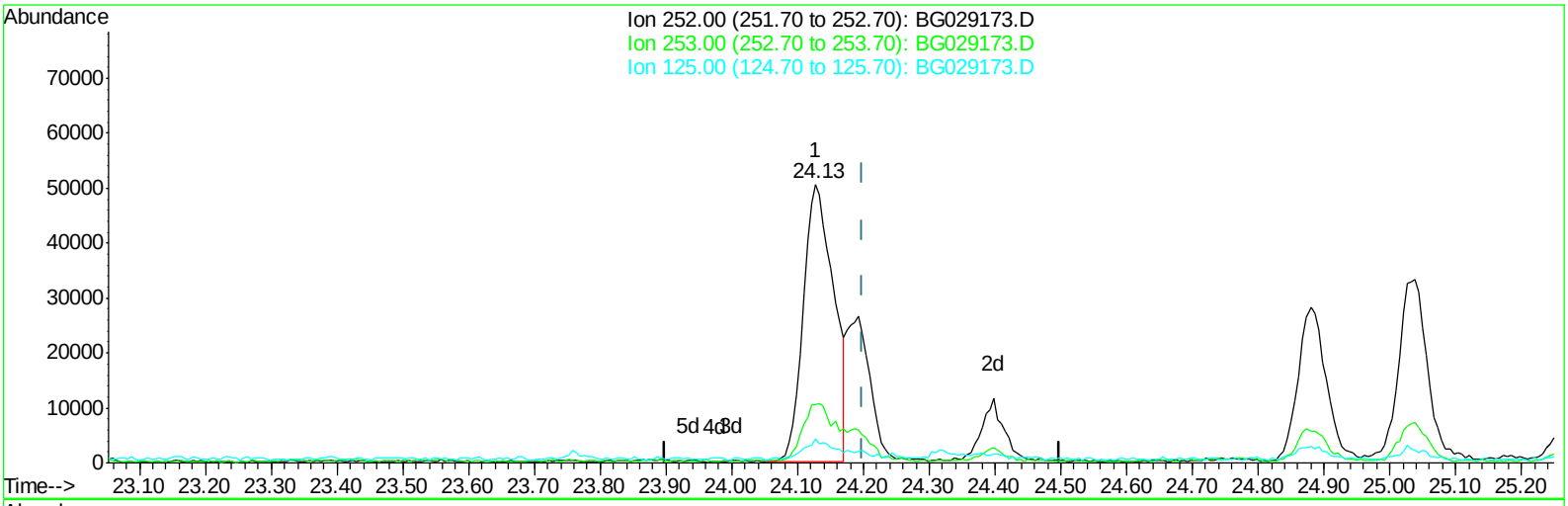
Quantitation Report (Qedit)

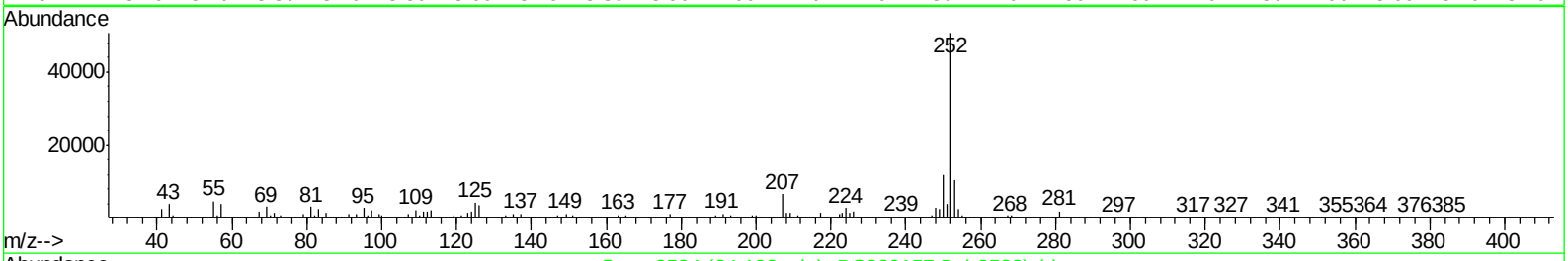
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
Data File : BG029173.D
Acq On : 11 Oct 2017 19:59
Operator : SJ/JU
Sample : I5668-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

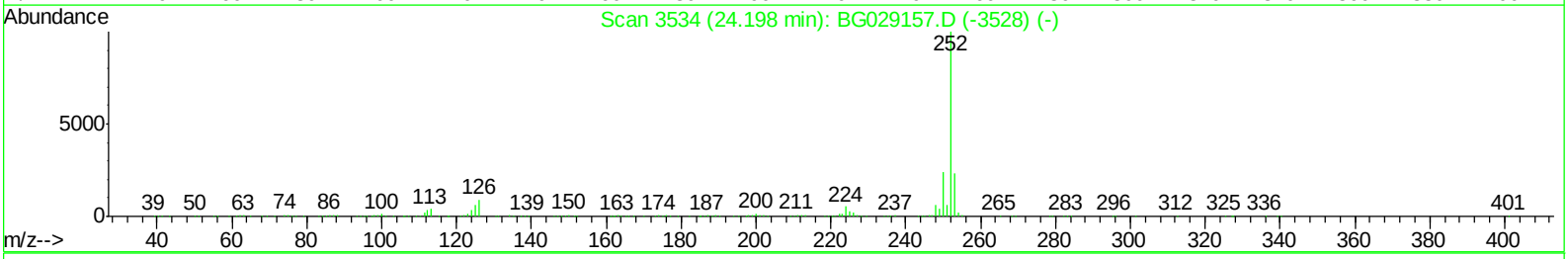
Quant Time: Oct 12 08:52:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:24:22 2017
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
CB3H8

**Manual Integrations APPROVED**
Sohil
10/13/2017 12:08:10 PM




TIC: BG029173.D

(25) Benzo(k)fluoranthene

24.128min (-0.071) 7.38ng/ul

response 160930

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.00 | 20.80 |
| 125.00 | 6.40 | 8.71# |
| 0.00 | 0.00 | 0.00 |

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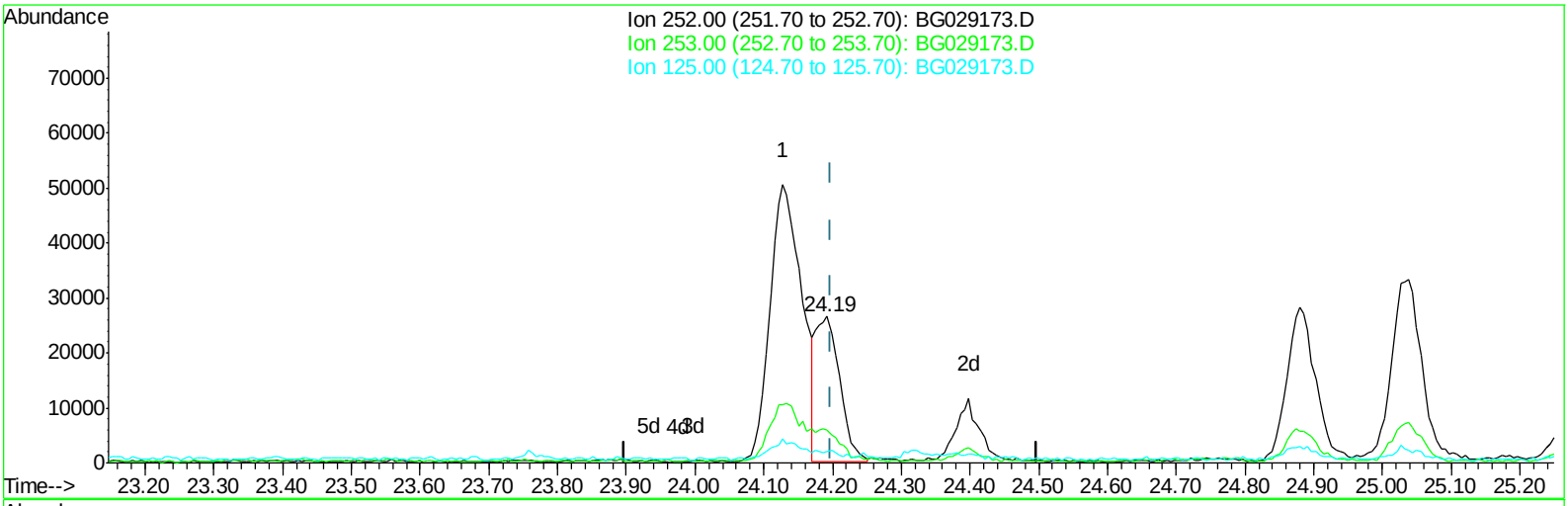


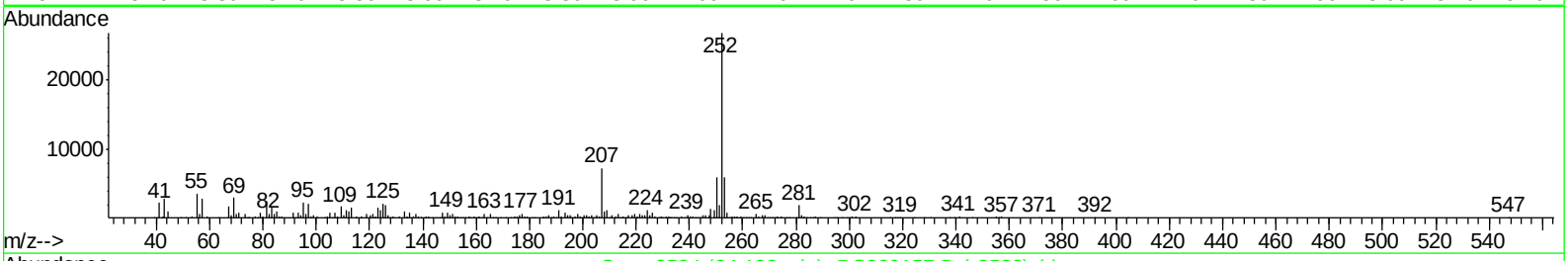


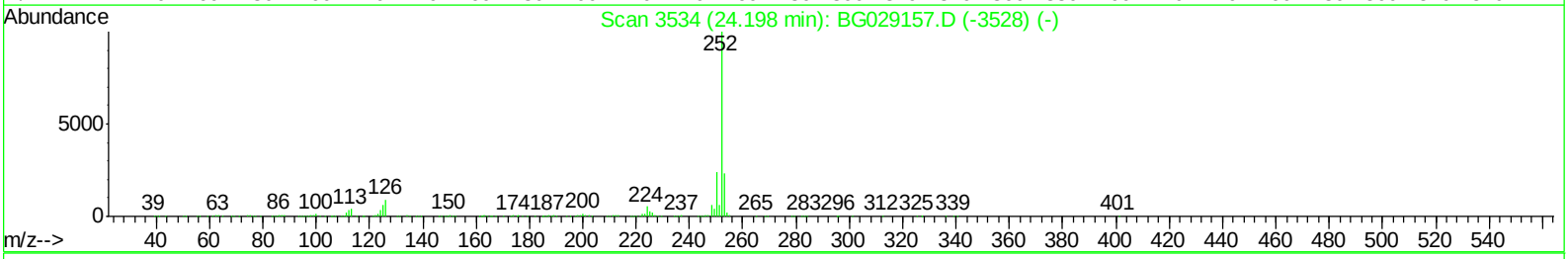


TIC: BG029173.D

(25) Benzo(k)fluoranthene

24.192min (-0.006) 2.98ng/ul m

response 65077

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.00 | 22.13 |
| 125.00 | 6.40 | 8.09# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
CB3H8

**Manual Integrations APPROVED**
Sohil
10/13/2017 12:08:10 PM

Quant Time: Oct 12 09:10:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:24:22 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.22 | 152 | 46269 | 20.00 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 11.03 | 136 | 209137 | 20.00 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.83 | 164 | 142212 | 20.00 | ng/ul | 0.00 |
| 12) Phenanthrene-d10 | 17.57 | 188 | 323229 | 20.00 | ng/ul | 0.00 |
| 18) Chrysene-d12 | 21.84 | 240 | 356190 | 20.00 | ng/ul | 0.00 |
| 23) Perylene-d12 | 25.20 | 264 | 359437 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 2,4-Dichlorophenol-d3 | 10.65 | 165 | 66776 | 16.70 | ng/ul | 0.00 |
| 7) Acenaphthylene-d8 | 14.52 | 160 | 255036 | 17.89 | ng/ul | 0.00 |
| 10) Fluorene-d10 | 15.82 | 176 | 187666 | 16.78 | ng/ul | 0.00 |
| 15) Anthracene-d10 | 17.66 | 188 | 280327 | 17.55 | ng/ul | 0.00 |
| 19) Pyrene-d10 | 19.93 | 212 | 328051 | 17.53 | ng/ul | 0.00 |
| 26) Benzo(a)pyrene-d12 | 24.96 | 264 | 309075 | 17.19 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 4) Naphthalene | 11.09 | 128 | 21665 | 1.97 | ng/ul | 97 |
| 5) 2-Methylnaphthalene | 12.67 | 142 | 11335 | 1.35 | ng/ul | 92 |
| 14) Phenanthrene | 17.61 | 178 | 177009 | 10.11 | ng/ul | 97 |
| 16) Anthracene | 17.70 | 178 | 39748 | 2.21 | ng/ul | 97 |
| 17) Fluoranthene | 19.60 | 202 | 286379 | 13.90 | ng/ul | 100 |
| 20) Pyrene | 19.96 | 202 | 237660 | 11.00 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.82 | 228 | 145515 | 6.71 | ng/ul | 97 |
| 22) Chrysene | 21.89 | 228 | 131728 | 6.72 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 24.13 | 252 | 160930 | 7.27 | ng/ul# | 96 |
| 25) Benzo(k)fluoranthene | 24.19 | 252 | 65077m | 2.98 | ng/ul | |
| 27) Benzo(a)pyrene | 25.04 | 252 | 101325 | 4.69 | ng/ul | 100 |
| 28) Indeno(1,2,3-cd)pyrene | 29.03 | 276 | 47072 | 2.28 | ng/ul | 93 |
| 30) Benzo(g,h,i)perylene | 30.22 | 276 | 40349 | 2.81 | ng/ul# | 92 |

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

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Sohil
10/13/2017 12:08:10 PM