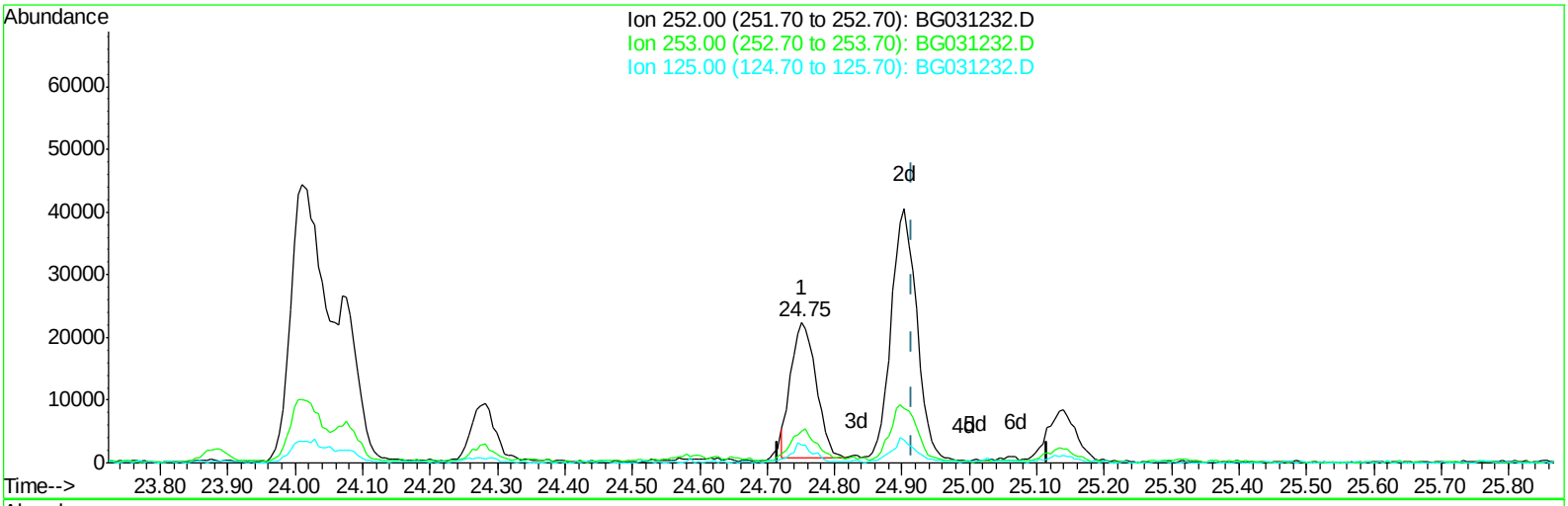
Quantitation Report (Qedit)

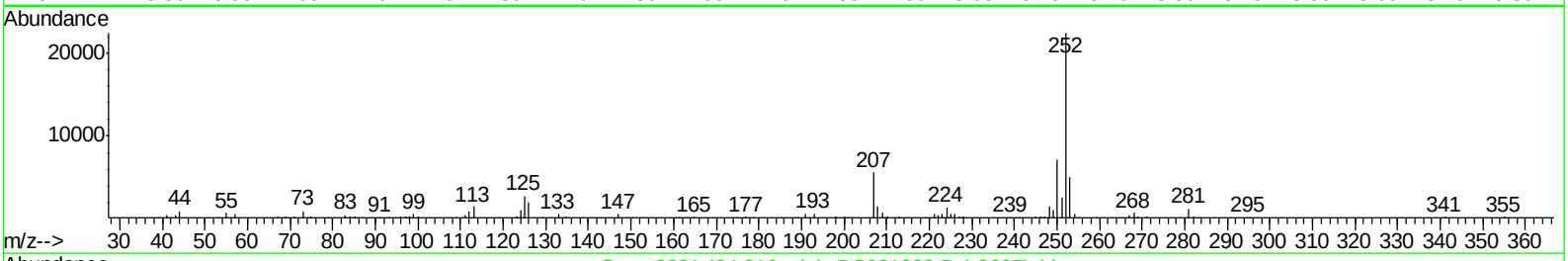
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031232.D
Acq On : 27 Nov 2017 17:08
Operator : SJ/JU
Sample : I6506-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

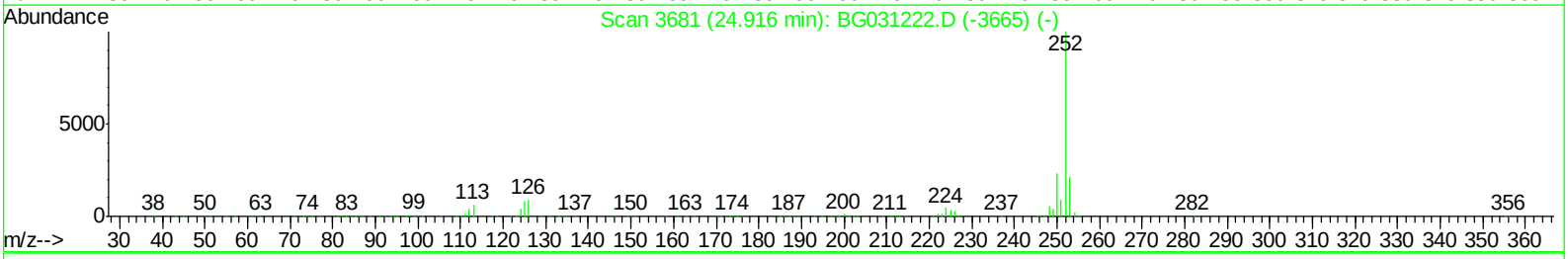
Quant Time: Nov 28 05:05:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 28 04:50:20 2017
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
B0G69

**Manual Integrations APPROVED**
Sohil
11/28/2017 3:08:16 PM




TIC: BG031232.D

(27) Benzo(a)pyrene (C)

24.751min (-0.165) 2.05ng/ul

response 55614

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.40 | 22.68 |
| 125.00 | 11.80 | 12.48 |
| 0.00 | 0.00 | 0.00 |

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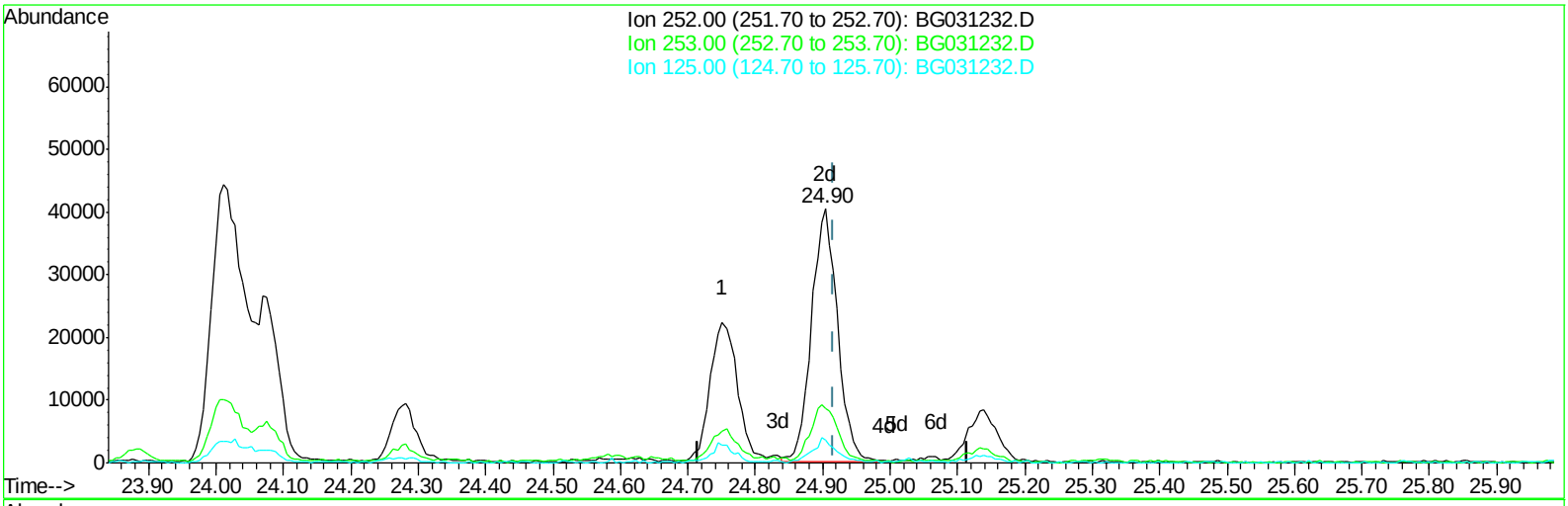
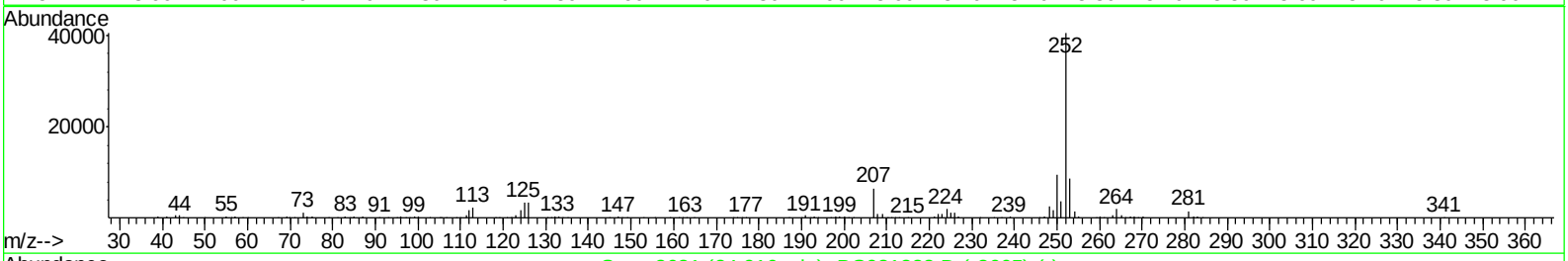
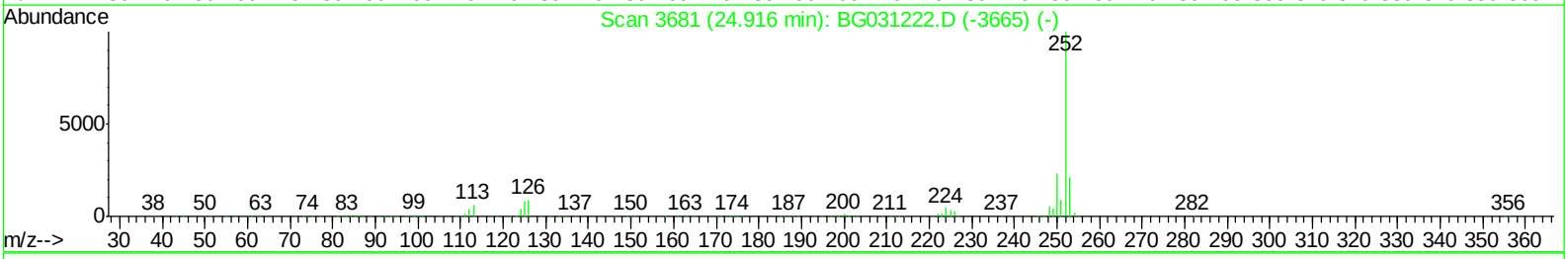
**Manual Integrations APPROVED**
Sohil
11/28/2017 3:08:16 PM




TIC: BG031232.D

(27) Benzo(a)pyrene (C)

24.904min (-0.012) 3.97ng/ul m

response 107605

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.40 | 21.39 |
| 125.00 | 11.80 | 8.72# |
| 0.00 | 0.00 | 0.00 |

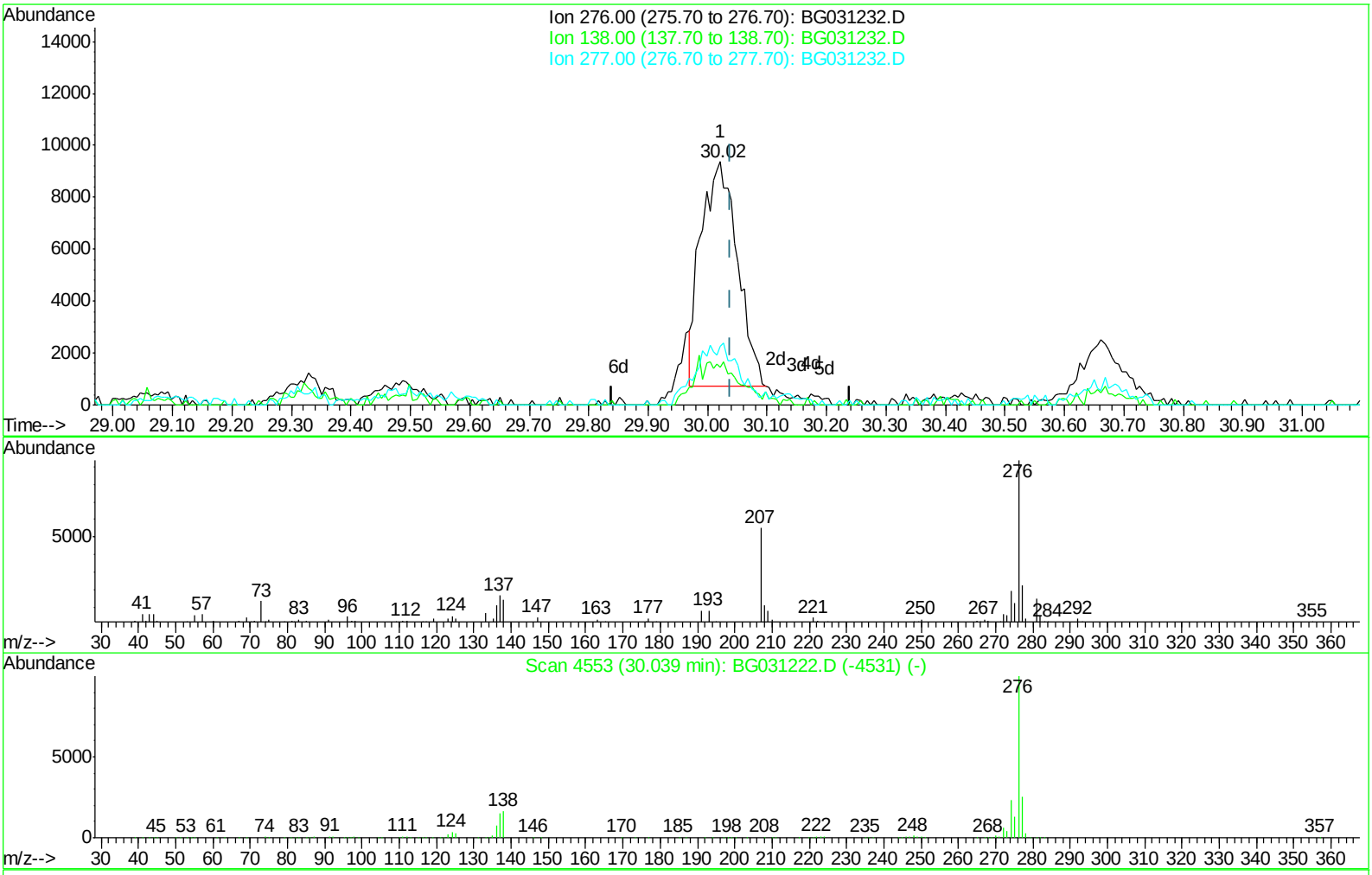
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031232.D
Acq On : 27 Nov 2017 17:08
Operator : SJ/JU
Sample : I6506-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 28 05:05:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 28 04:50:20 2017
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
B0G69

**Manual Integrations APPROVED**
Sohil
11/28/2017 3:08:16 PM




TIC: BG031232.D

(30) Benzo(g,h,i)perylene

30.021min (-0.018) 1.42ng/ul

response 36611

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100 | 100 |
| 138.00 | 23.70 | 15.37# |
| 277.00 | 24.60 | 24.14 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
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Acq On : 27 Nov 2017 17:08
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Misc :
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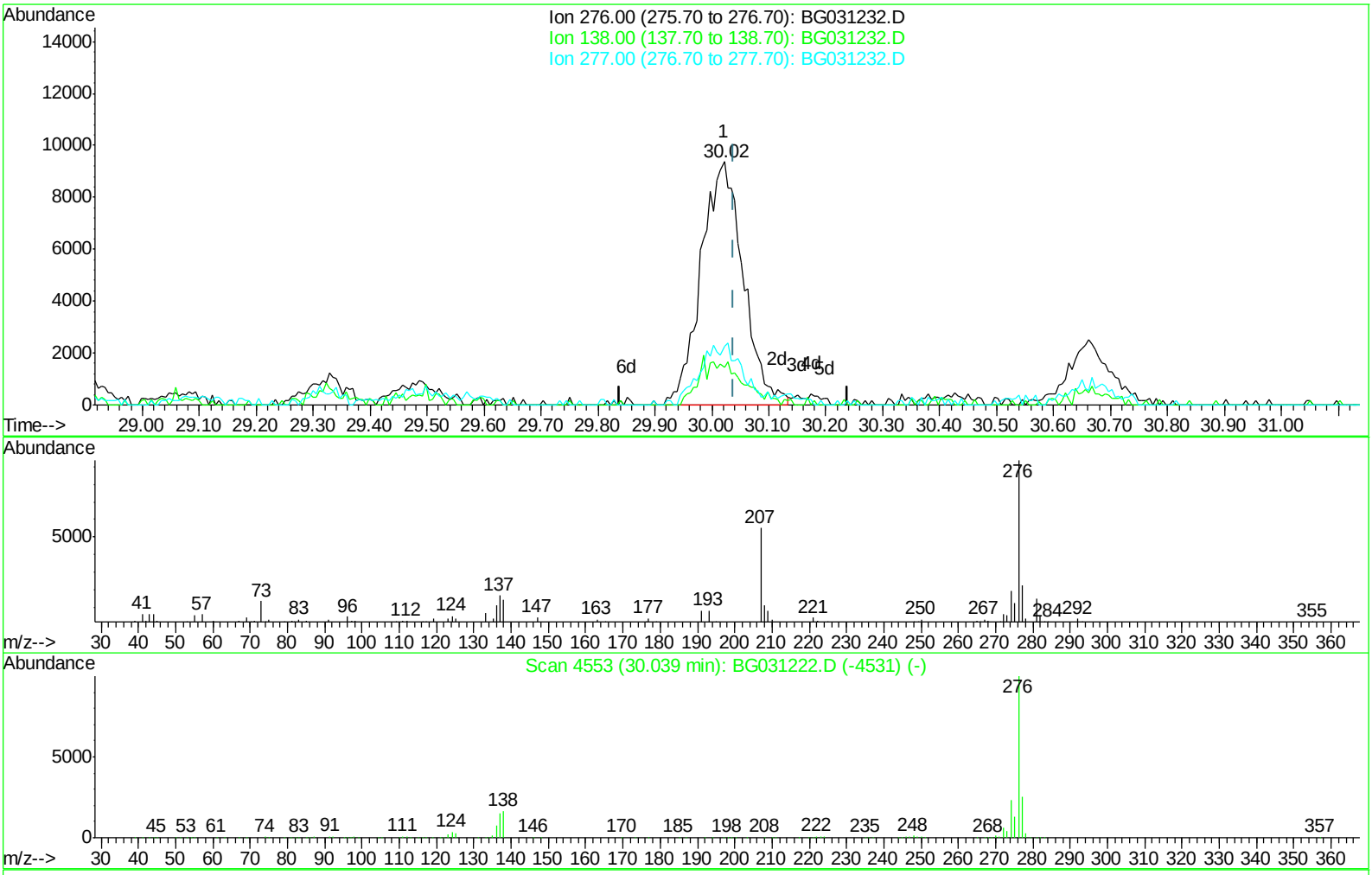
**Instrument :**
BNA_G
**ClientSampleId :**
B0G69

**Manual Integrations APPROVED**
Sohil
11/28/2017 3:08:16 PM




TIC: BG031232.D

(30) Benzo(g,h,i)perylene

30.021min (-0.018) 1.84ng/ul m

response 47334

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100 | 100 |
| 138.00 | 23.70 | 15.37# |
| 277.00 | 24.60 | 24.14 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031232.D
Acq On : 27 Nov 2017 17:08
Operator : SJ/JU
Sample : I6506-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B0G69

**Manual Integrations APPROVED**
Sohil
11/28/2017 3:08:16 PM

Quant Time: Nov 28 07:09:41 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 28 04:50:20 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.14 | 152 | 41258 | 20.00 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.95 | 136 | 184942 | 20.00 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.75 | 164 | 132424 | 20.00 | ng/ul | 0.00 |
| 12) Phenanthrene-d10 | 17.49 | 188 | 379715 | 20.00 | ng/ul | 0.00 |
| 18) Chrysene-d12 | 21.76 | 240 | 486885 | 20.00 | ng/ul | 0.00 |
| 23) Perylene-d12 | 25.06 | 264 | 467628 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 2,4-Dichlorophenol-d3 | 10.58 | 165 | 73719 | 21.13 | ng/uL | 0.00 |
| 7) Acenaphthylene-d8 | 14.45 | 160 | 355950 | 25.85 | ng/ul | 0.00 |
| 10) Fluorene-d10 | 15.74 | 176 | 282369 | 25.53 | ng/ul | 0.00 |
| 15) Anthracene-d10 | 17.59 | 188 | 491685 | 25.87 | ng/ul | 0.00 |
| 19) Pyrene-d10 | 19.87 | 212 | 644881 | 28.99 | ng/ul | 0.00 |
| 26) Benzo(a)pyrene-d12 | 24.83 | 264 | 609776 | 26.36 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 14) Phenanthrene | 17.54 | 178 | 90994 | 4.47 | ng/ul | 98 |
| 16) Anthracene | 17.63 | 178 | 26902 | 1.30 | ng/ul | 98 |
| 17) Fluoranthene | 19.53 | 202 | 252753 | 8.91 | ng/ul# | 92 |
| 20) Pyrene | 19.90 | 202 | 222006 | 8.59 | ng/ul# | 89 |
| 21) Benzo(a)anthracene | 21.74 | 228 | 154548 | 5.21 | ng/ul | 98 |
| 22) Chrysene | 21.81 | 228 | 126011 | 4.47 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 24.01 | 252 | 157352 | 5.57 | ng/ul# | 96 |
| 25) Benzo(k)fluoranthene | 24.07 | 252 | 46229 | 1.66 | ng/ul# | 97 |
| 27) Benzo(a)pyrene | 24.90 | 252 | 107605m | 3.97 | ng/ul | |
| 28) Indeno(1,2,3-cd)pyrene | 28.83 | 276 | 59320 | 1.92 | ng/ul# | 88 |
| 30) Benzo(g,h,i)perylene | 30.02 | 276 | 47334m | 1.84 | ng/ul | |

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

Quantitation Report (QT Reviewed)

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**ClientSampleId :**
B0G69

**Manual Integrations APPROVED**
Sohil
11/28/2017 3:08:16 PM