Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG092515\
Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 28 05:40:57 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
D9G65

**Manual Integrations APPROVED**
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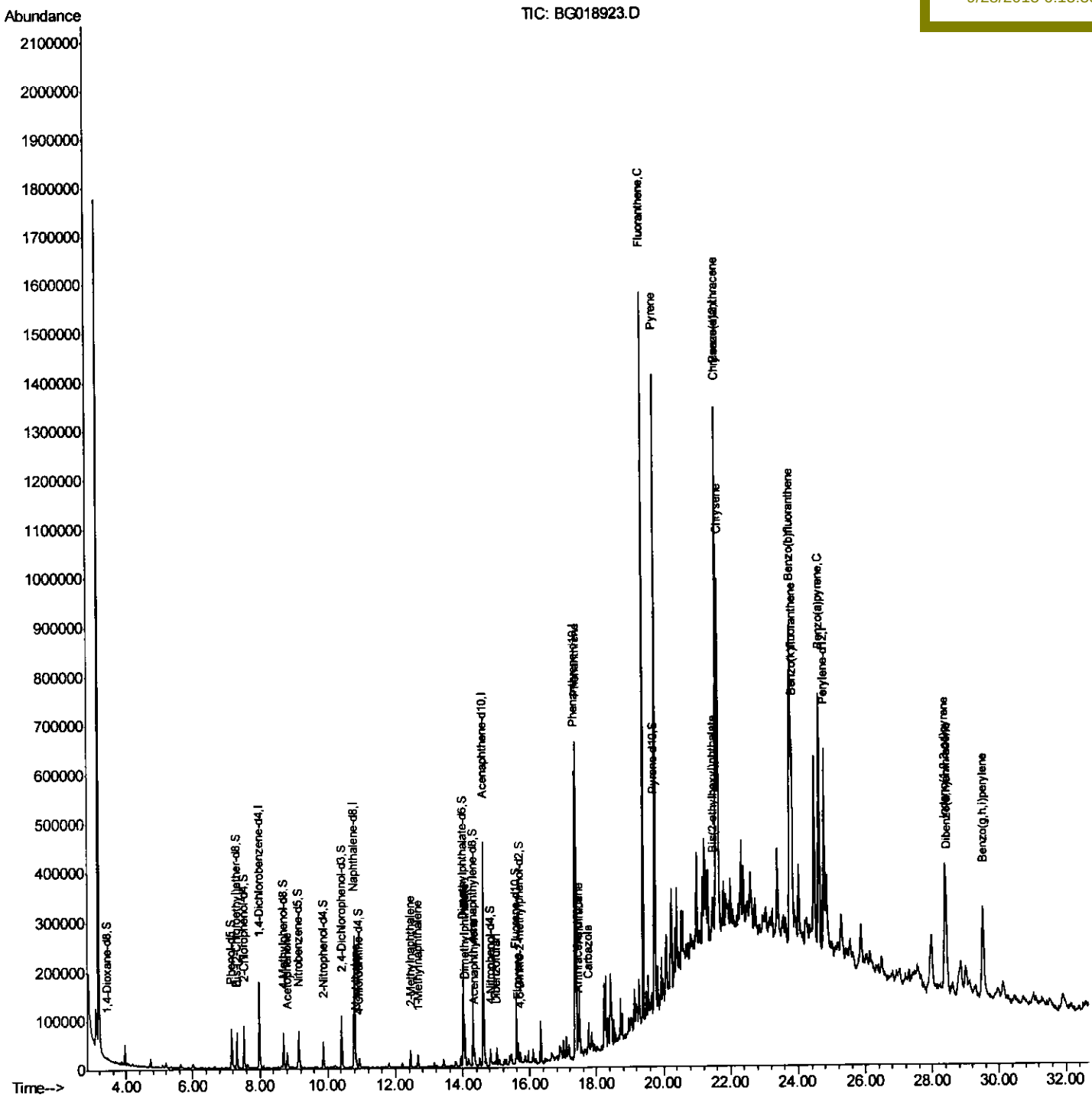
9/28/2015 6:15:38 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG092515\
Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 28 05:37:58 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
D9G65

**Manual Integrations APPROVED**
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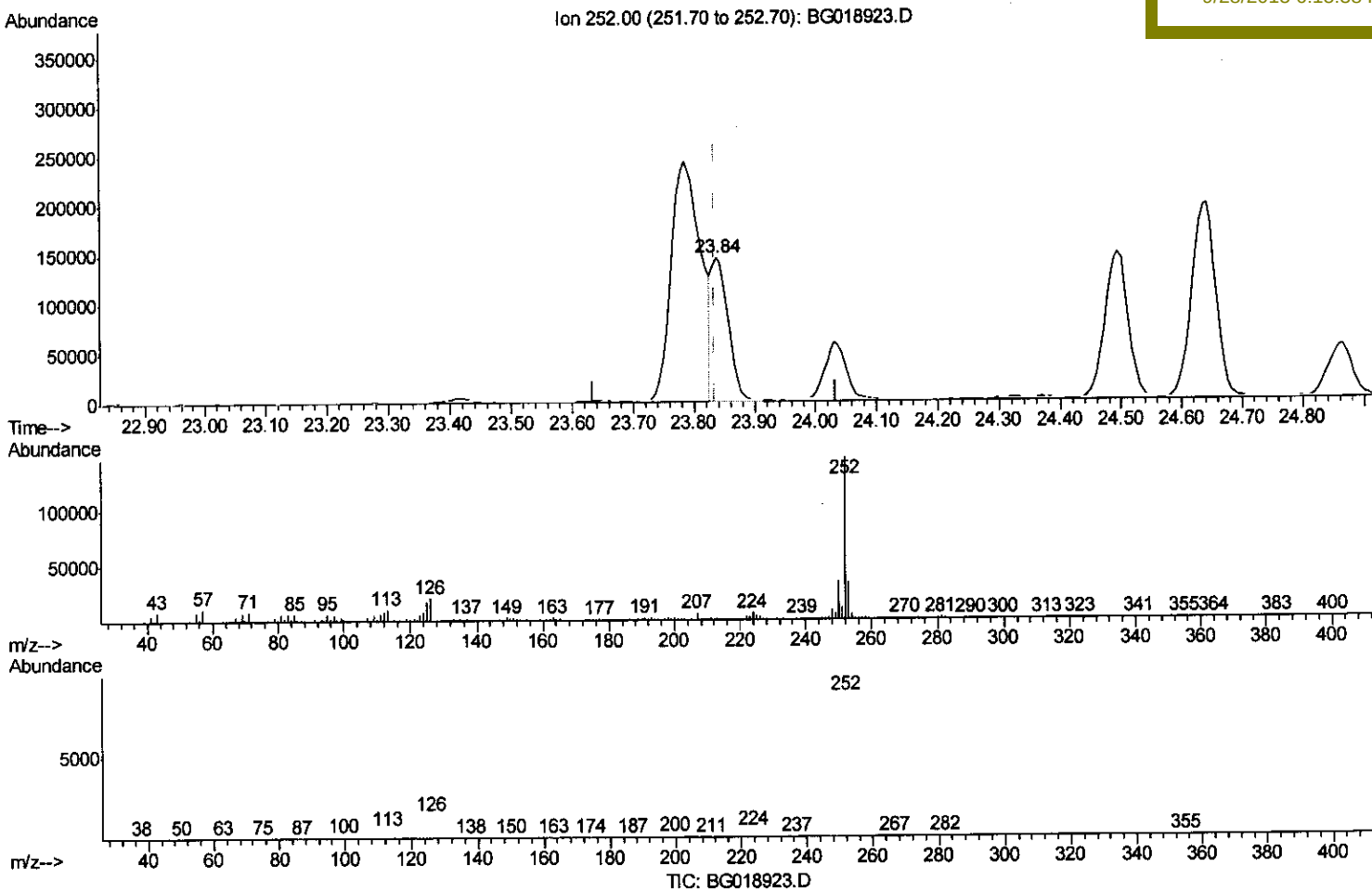
9/28/2015 6:15:38 PM




(89) Benzo(k)fluoranthene

23.836min (+0.003) 12.78ng/ul m U.M 9/29/15

response 281753

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.20 | 23.56 |
| 125.00 | 11.20 | 11.89 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
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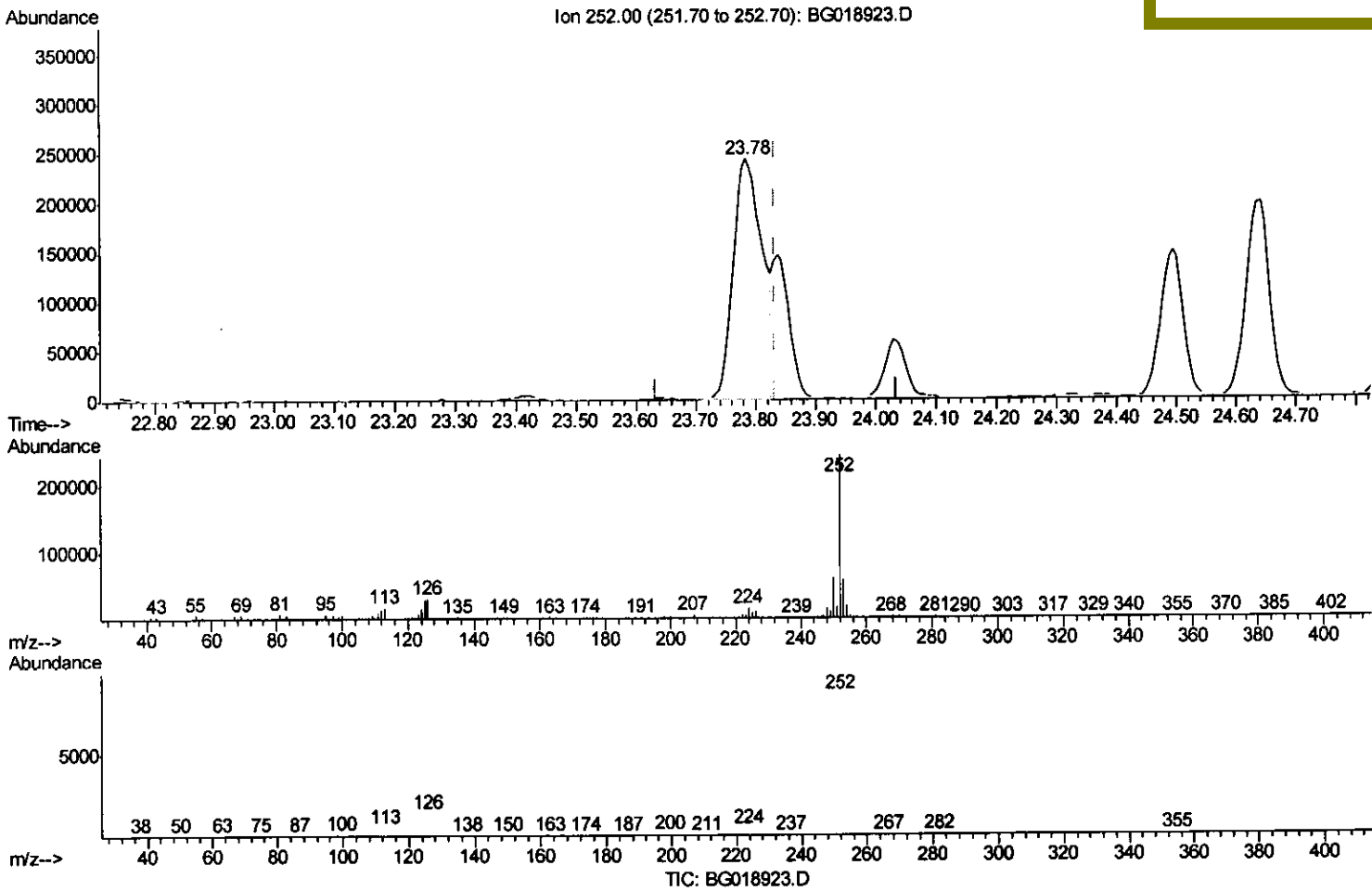
**Instrument :**
BNA_G
**ClientSampleId :**
D9G65

**Manual Integrations APPROVED**
MMDadoda
9/28/2015 6:15:38 PM




TIC: BG018923.D

(89) Benzo(k)fluoranthene

23.784min (-0.050) 37.28ng/ul

response 821816

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.20 | 23.18 |
| 125.00 | 11.20 | 11.48 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG092515\
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Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 28 05:40:57 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** D9G65

**Manual Integrations APPROVED**
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9/28/2015 6:15:38 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.99 | 152 | 56420 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.79 | 136 | 243098 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.61 | 164 | 156802 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.36 | 188 | 378759 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.61 | 240 | 398299 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.78 | 264 | 406956 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.43 | 96 | 1964 | 1.67 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.16 | 99 | 55938 | 12.07 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.31 | 67 | 34044 | 12.68 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.53 | 132 | 46901 | 13.37 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.70 | 113 | 32415 | 8.62 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.15 | 128 | 23247 | 12.62 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.87 | 143 | 22912 | 12.37 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.42 | 165 | 48704 | 12.49 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.93 | 131 | 12548 | 2.77 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.01 | 166 | 158724 | 12.58 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.31 | 160 | 124335 | 8.31 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.82 | 143 | 12367 | 5.11 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.60 | 176 | 61665 | 5.59 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.72 | 200 | 7183 | 4.01 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.45 | 188 | 19732 | 1.18 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.74 | 212 | 53802 | 2.94 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.57 | 264 | 18250 | 0.92 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 14) Acetophenone | 8.81 | 105 | 21887 | 3.82 | ng/ul# | 89 |
| 28) Naphthalene | 10.84 | 128 | 24750 | 2.00 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.44 | 142 | 18632 | 2.04 | ng/ul | 87 |
| 35) 1-Methylnaphthalene | 12.66 | 142 | 13629 | 1.56 | ng/ul | 92 |
| 45) Dimethylphthalate | 14.06 | 163 | 59945 | 4.90 | ng/ul# | 96 |
| 48) Acenaphthylene | 14.34 | 152 | 31402 | 1.97 | ng/ul | 98 |
| 54) Dibenzofuran | 15.01 | 168 | 16458 | 1.09 | ng/ul | 95 |
| 59) Fluorene | 15.66 | 166 | 15162 | 1.19 | ng/ul | 97 |
| 70) Phenanthrene | 17.40 | 178 | 404861 | 21.03 | ng/ul | 98 |
| 72) Anthracene | 17.49 | 178 | 95413 | 4.94 | ng/ul | 98 |
| 75) Carbazole | 17.76 | 167 | 38229 | 2.23 | ng/ul | 99 |
| 77) Fluoranthene | 19.41 | 202 | 919543 | 43.09 | ng/ul | 97 |
| 80) Pyrene | 19.76 | 202 | 821523 | 35.08 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.59 | 228 | 549111 | 24.87 | ng/ul | 94 |
| 84) Bis(2-ethylhexyl)phthalate | 21.49 | 149 | 28597 | 2.15 | ng/ul# | 99 |
| 85) Chrysene | 21.66 | 228 | 511919 | 25.13 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 23.78 | 252 | 821816 | 35.71 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 23.84 | 252 | 281753m | 12.78 | ng/ul | |
| 91) Benzo(a)pyrene | 24.64 | 252 | 544966 | 24.92 | ng/ul | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 28.40 | 276 | 424287 | 16.73 | ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 28.44 | 278 | 111150 | 5.46 | ng/ul# | 91 |
| 94) Benzo(g,h,i)perylene | 29.53 | 276 | 351056 | 16.58 | ng/ul | 99 |

U.M 9/29/15

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Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

**Instrument :**
BNA_G
**ClientSampleId :**
D9G65

**Manual Integrations APPROVED**
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