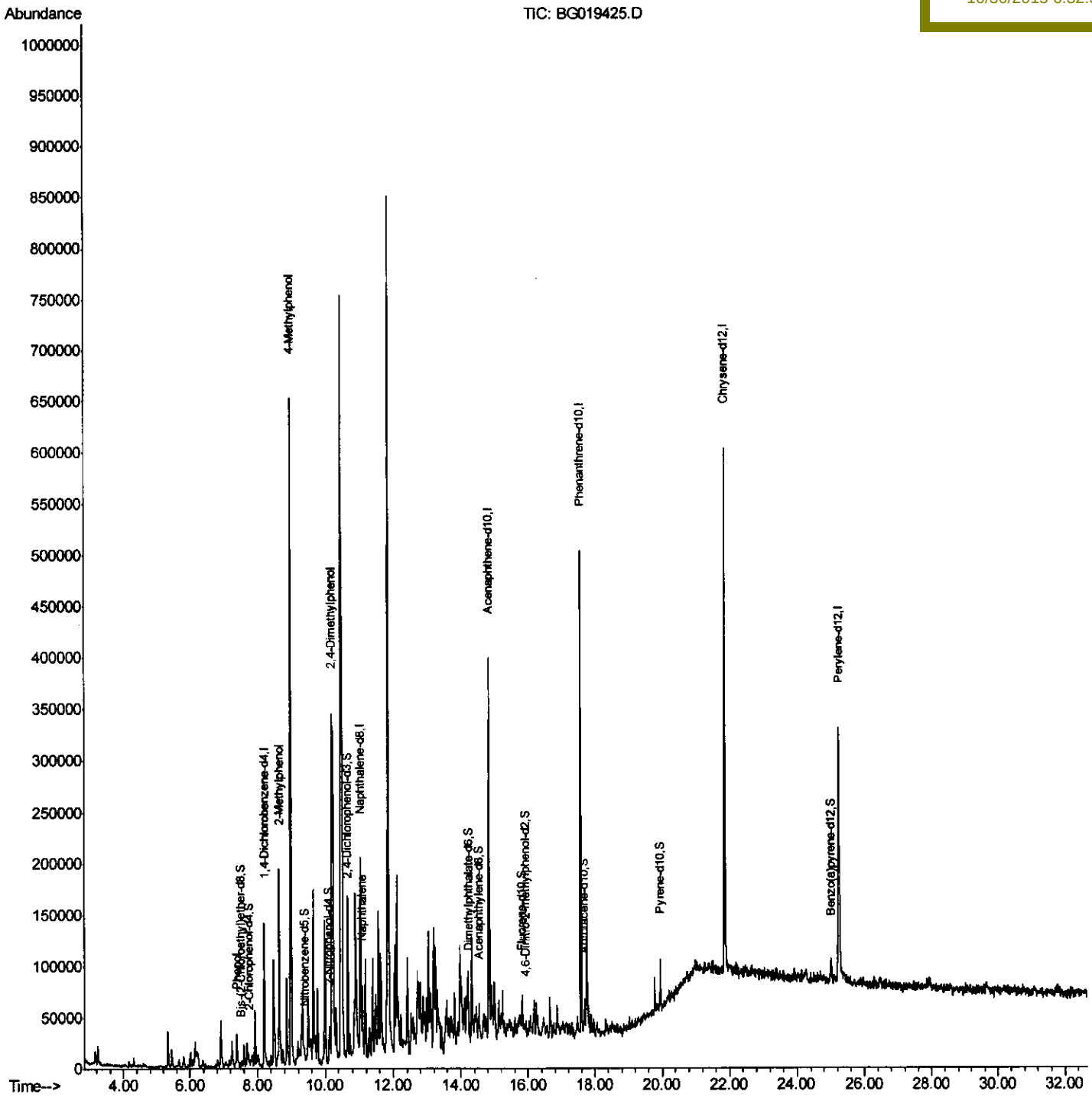
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019425.D
Acq On : 29 Oct 2015 20:01
Operator : UM/NP
Sample : G4120-17DL 25X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Oct 30 13:33:47 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
E5LS6DL

**Manual Integrations APPROVED**
Mmdadoda
10/30/2015 6:32:32 PM



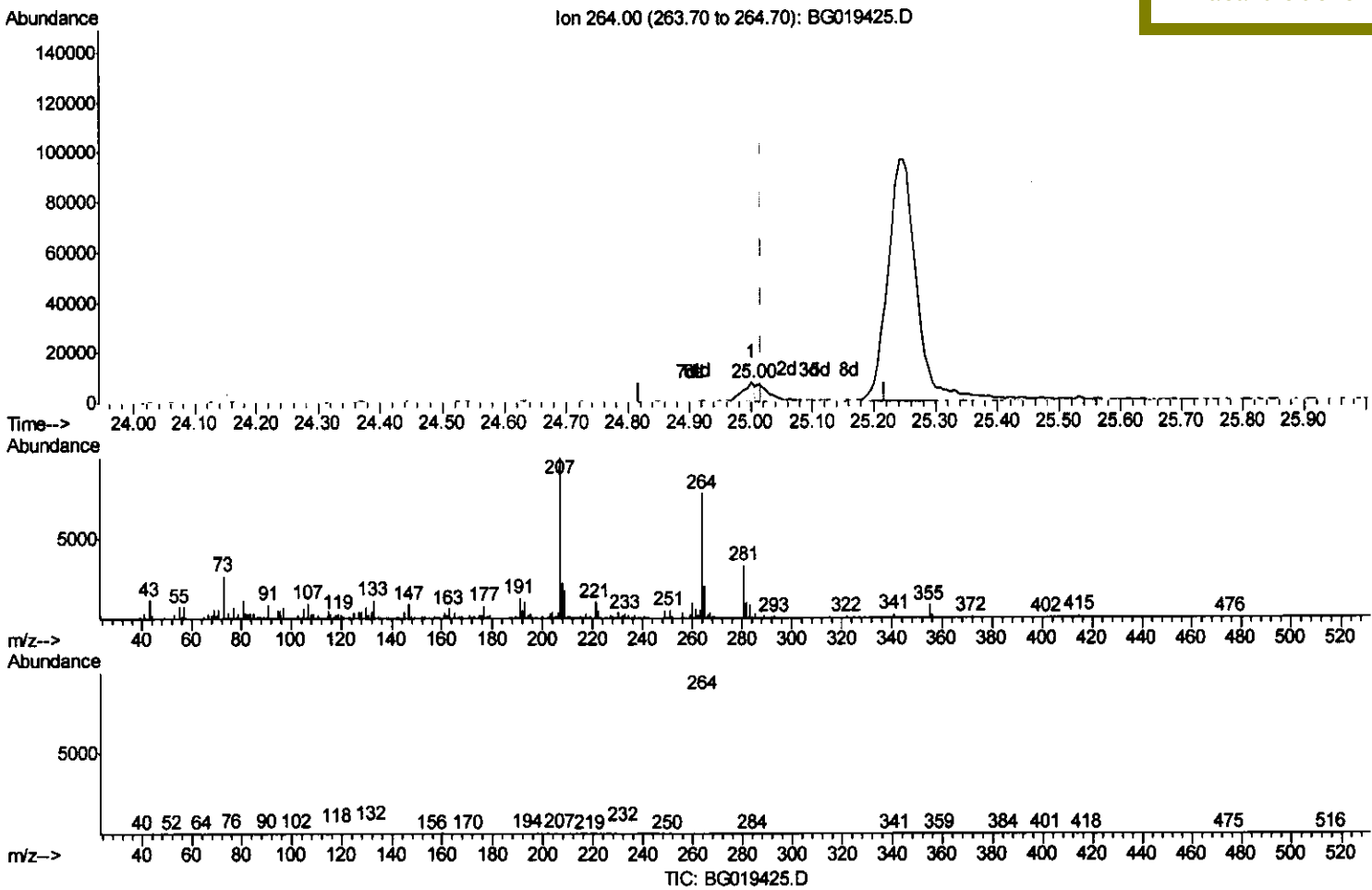
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019425.D
Acq On : 29 Oct 2015 20:01
Operator : UM/NP
Sample : G4120-17DL 25X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Oct 30 05:32:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
E5LS6DL

**Manual Integrations APPROVED**
Mmdadoda
10/30/2015 6:32:32 PM




(90) Benzo(a)pyrene-d12 (S)

25.001min (-0.016) 0.78ng/ul

response 11679

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 132.00 | 4.80 | 7.43# |
| 118.00 | 4.50 | 4.15 |
| 0.00 | 0.00 | 0.00 |

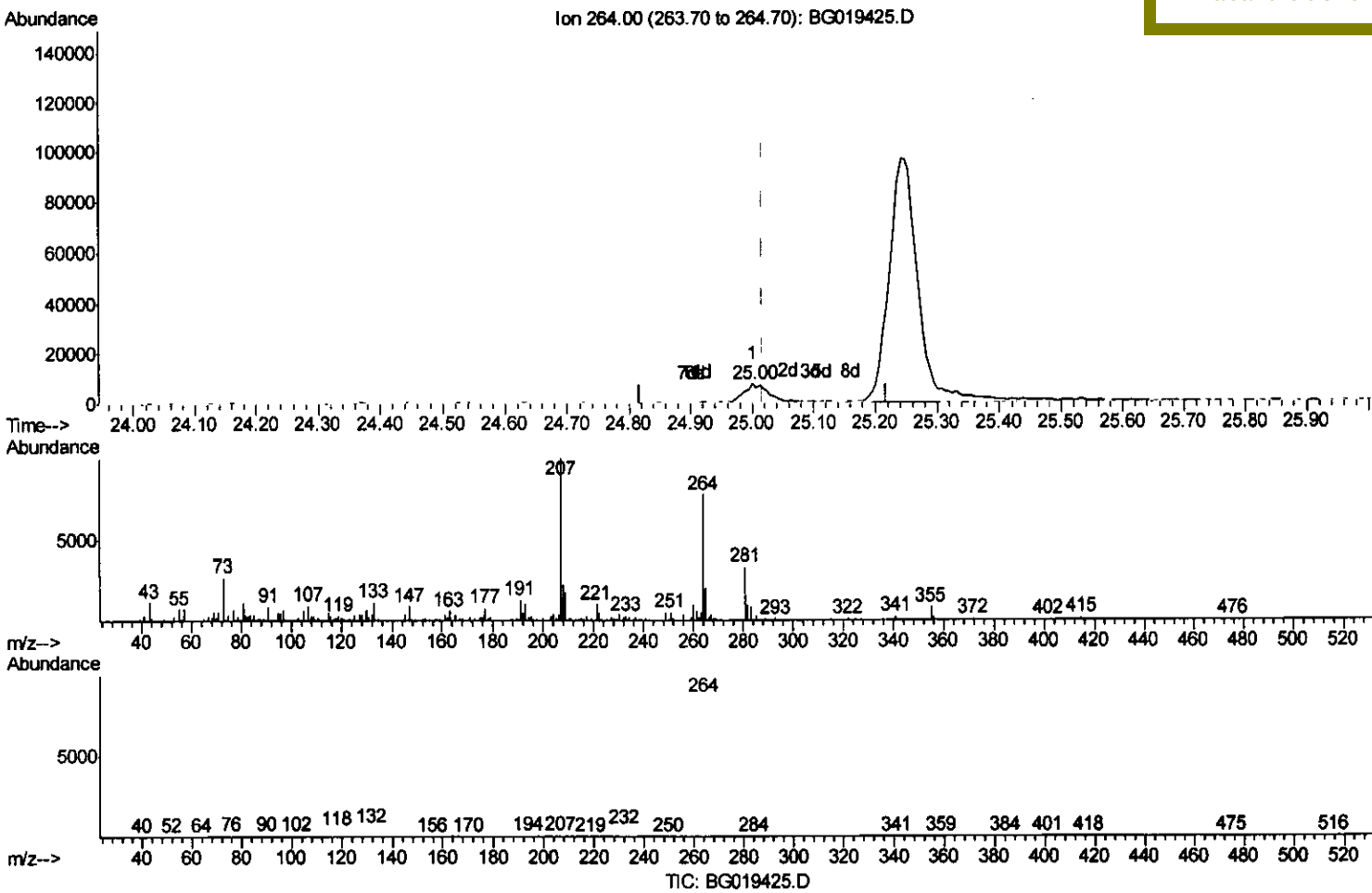
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019425.D
Acq On : 29 Oct 2015 20:01
Operator : UM/NP
Sample : G4120-17DL 25X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Oct 30 05:32:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
E5LS6DL

**Manual Integrations APPROVED**
Mmdadoda
10/30/2015 6:32:32 PM




(90) Benzo(a)pyrene-d12 (S)

25.001min (-0.016) 1.41ng/ul m U.M 10/29/15

response 21143

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 132.00 | 4.80 | 7.43# |
| 118.00 | 4.50 | 4.15 |
| 0.00 | 0.00 | 0.00 |

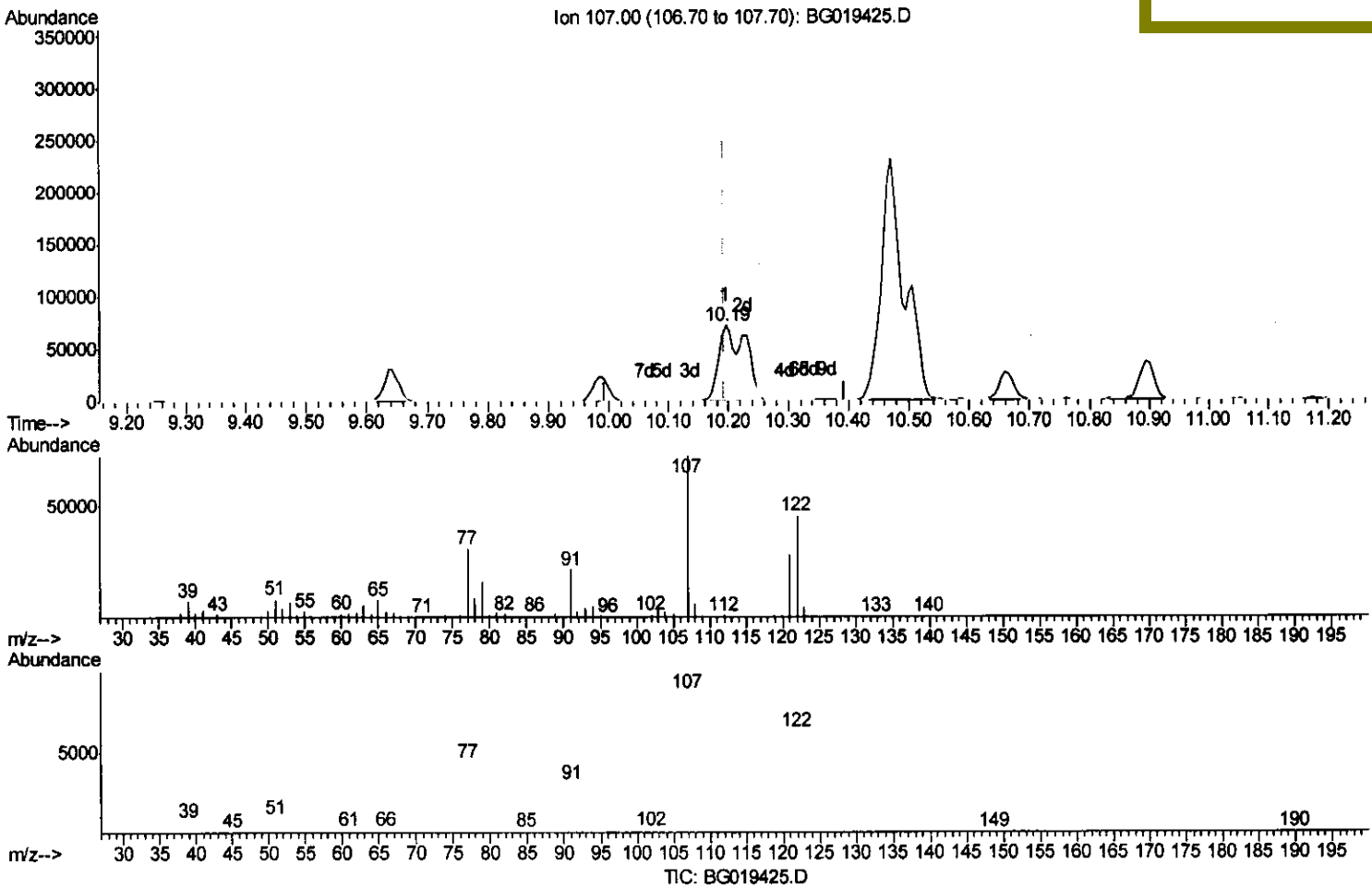
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG102815\
Data File : BG019425.D
Acq On : 29 Oct 2015 20:01
Operator : UM/NP
Sample : G4120-17DL 25X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Oct 30 12:33:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
E5LS6DL

**Manual Integrations APPROVED**
Mmdadoda
10/30/2015 6:32:32 PM




(24) 2,4-Dimethylphenol

10.195min (+0.001) 59.93ng/ul m U,M 10/29/15

response 220326

| Ion | Exp% | Act% |
|---|---|---|
| 107.00 | 100 | 100 |
| 121.00 | 41.20 | 38.52 |
| 122.00 | 67.70 | 62.41 |
| 0.00 | 0.00 | 0.00 |

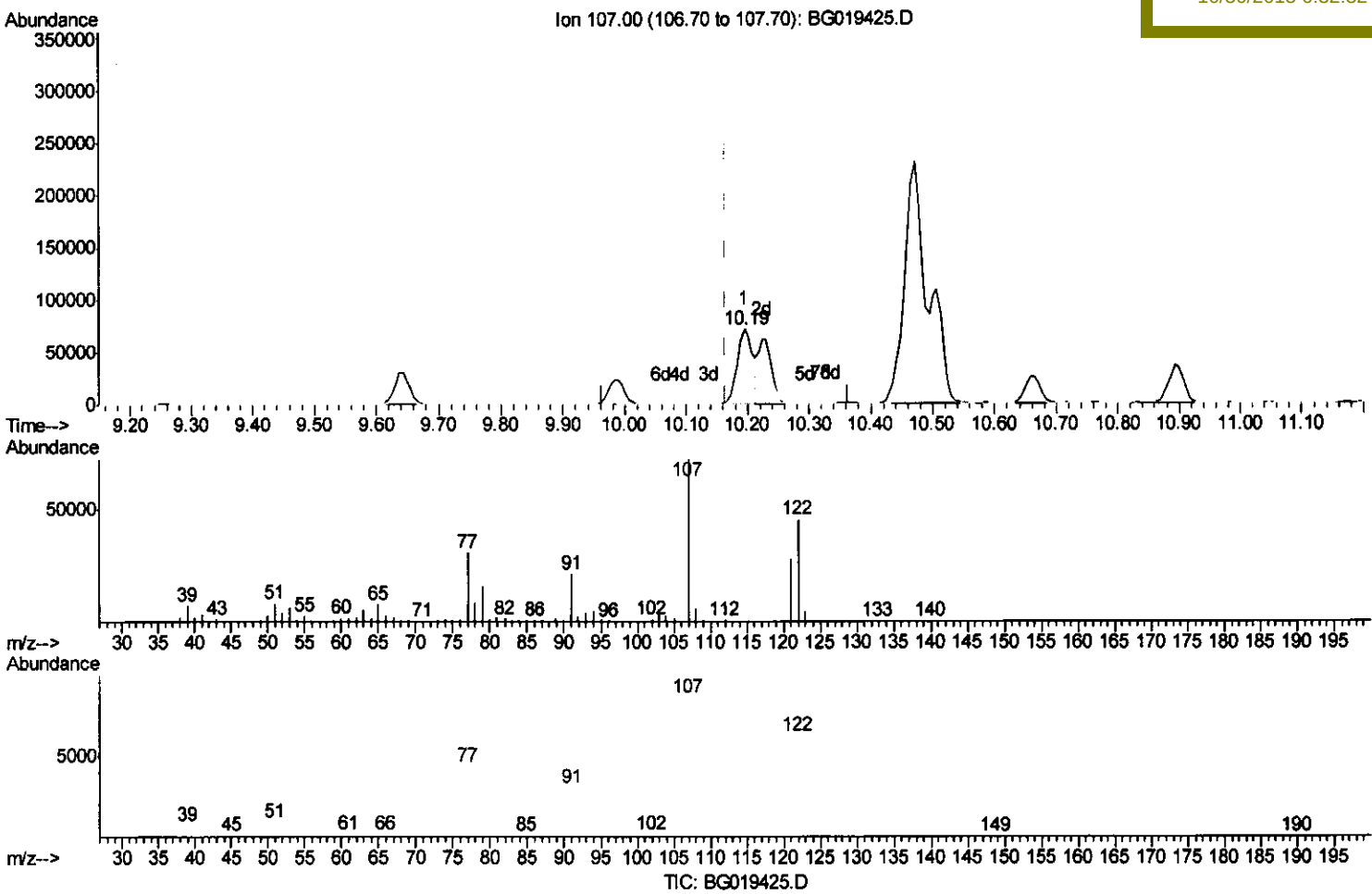
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG102815\
Data File : BG019425.D
Acq On : 29 Oct 2015 20:01
Operator : UM/NP
Sample : G4120-17DL 25X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Nov 04 08:10:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 04 02:23:38 2015
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
E5LS6DL

**Manual Integrations APPROVED**
Mmdadoda
10/30/2015 6:32:32 PM




(24) 2,4-Dimethylphenol

10.195min (+0.031) 34.72ng/ul

response 127649

| Ion | Exp% | Act% |
|---|---|---|
| 107.00 | 100 | 100 |
| 121.00 | 41.20 | 38.52 |
| 122.00 | 67.70 | 62.41 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019425.D
Acq On : 29 Oct 2015 20:01
Operator : UM/NP
Sample : G4120-17DL 25X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Oct 30 13:33:47 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** E5LS6DL

**Manual Integrations APPROVED**
Mmdadoda
10/30/2015 6:32:32 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.20 | 152 | 35160 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.03 | 136 | 142043 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.84 | 164 | 109632 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.57 | 188 | 280549 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.86 | 240 | 334915 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.25 | 264 | 299642 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.51 | 96 | 430 | 0.59 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.36 | 99 | 1207 | 0.37 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.52 | 67 | 2976 | 1.45 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.74 | 132 | 2214 | 1.10 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.91 | 113 | 1925 | 0.75 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.38 | 128 | 1612 | 1.54 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.10 | 143 | 1574 | 1.27 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.65 | 165 | 3702 | 1.38 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.18 | 131 | 1298 | 0.48 | ng/ul | 0.02 |
| 44) Dimethylphthalate-d6 | 14.23 | 166 | 12896 | 1.43 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.53 | 160 | 16802 | 1.68 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.02 | 143 | 88 | 0.06 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.82 | 176 | 15503 | 1.85 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.92 | 200 | 2117 | 1.17 | ng/ul | -0.01 |
| 71) Anthracene-d10 | 17.67 | 188 | 21020 | 1.64 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.95 | 212 | 22837 | 1.56 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 25.00 | 264 | 21143m | 1.41 | ng/ul | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.39 | 94 | 16743 | 4.87 | ng/ul | 95 |
| 11) 2-Methylphenol | 8.65 | 108 | 57594 | 22.65 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.99 | 108 | 230049 | 82.85 | ng/ul | 93 |
| 24) 2,4-Dimethylphenol | 10.19 | 107 | 220326m | 59.93 | ng/ul | |
| 28) Naphthalene | 11.09 | 128 | 39379 | 5.54 | ng/ul# | 91 |

U,M 10/29/15

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