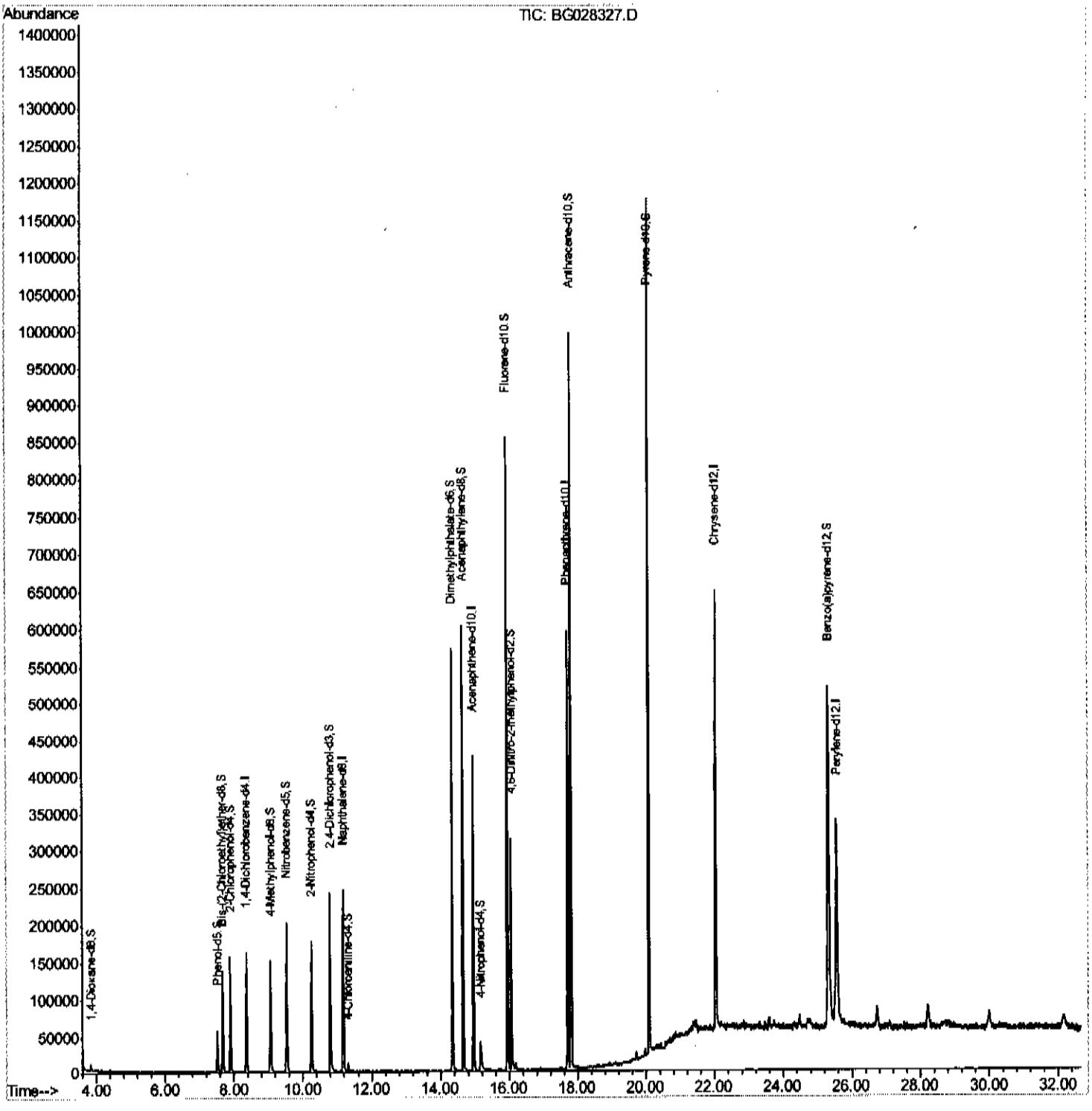
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028327.D
Acq On : 15 Aug 2017 00:43
Operator : SJ/JU
Sample : I4673-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 15 06:58:07 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 15 06:41:43 2017
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
C0AJ5

**Manual Integrations APPROVED**
Sohil
8/15/2017 6:01:54 PM



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028327.D
Acq On : 15 Aug 2017 00:43
Operator : SJ/JU
Sample : I4673-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 15 06:42:45 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 15 06:41:43 2017
Response via : Initial Calibration

**Instrument :**
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**ClientSampleId :**
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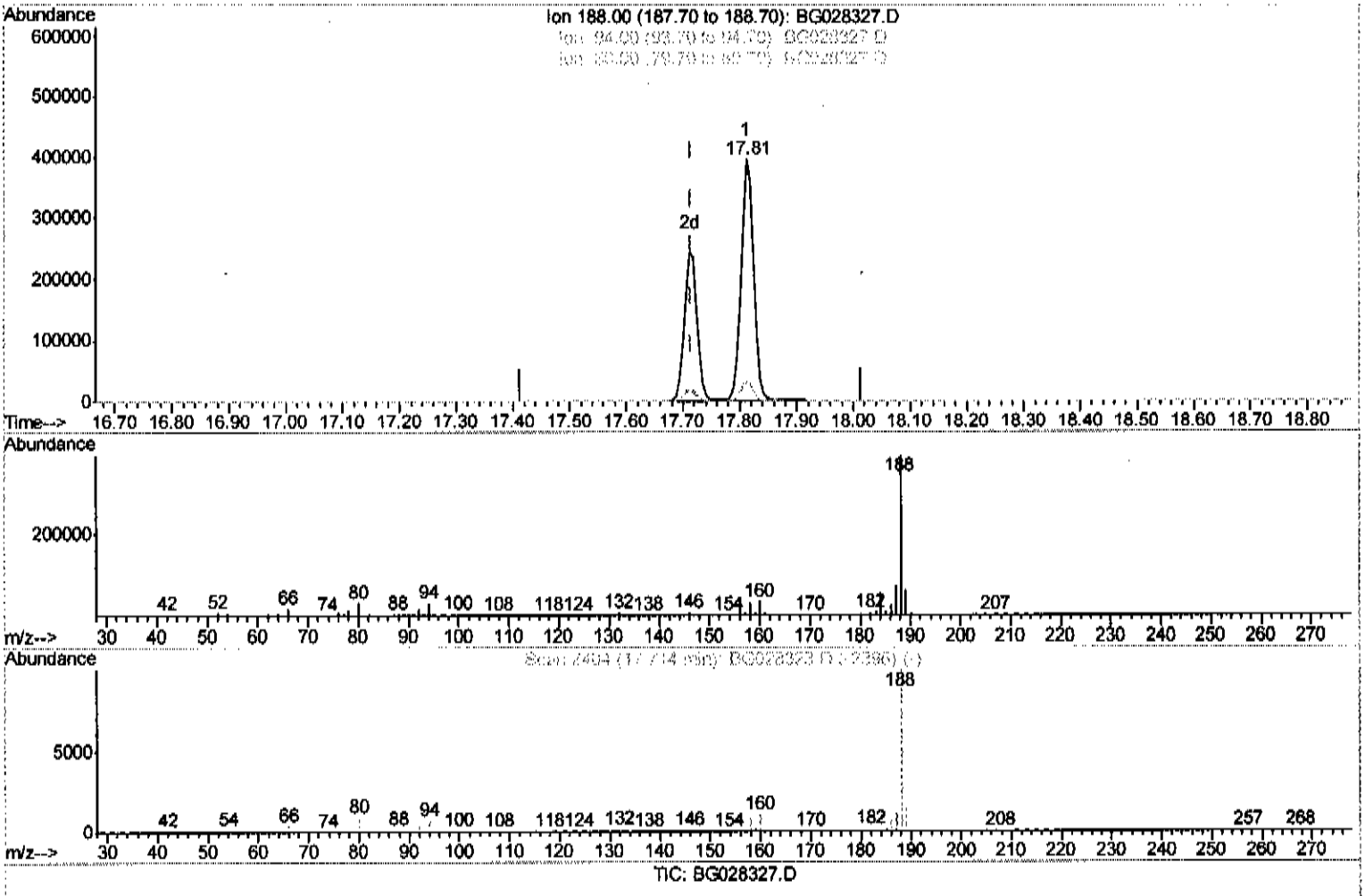
**Manual Integrations APPROVED**
Sohil
8/15/2017 6:01:54 PM




TIC: BG028327.D

(61) Phenanthrene-d10 (I)

17.812min (+0.098) 20.00ng/ul

response 597286

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 8.80 | 7.89 |
| 80.00 | 9.50 | 7.96 |
| 0.00 | 0.00 | 0.00 |

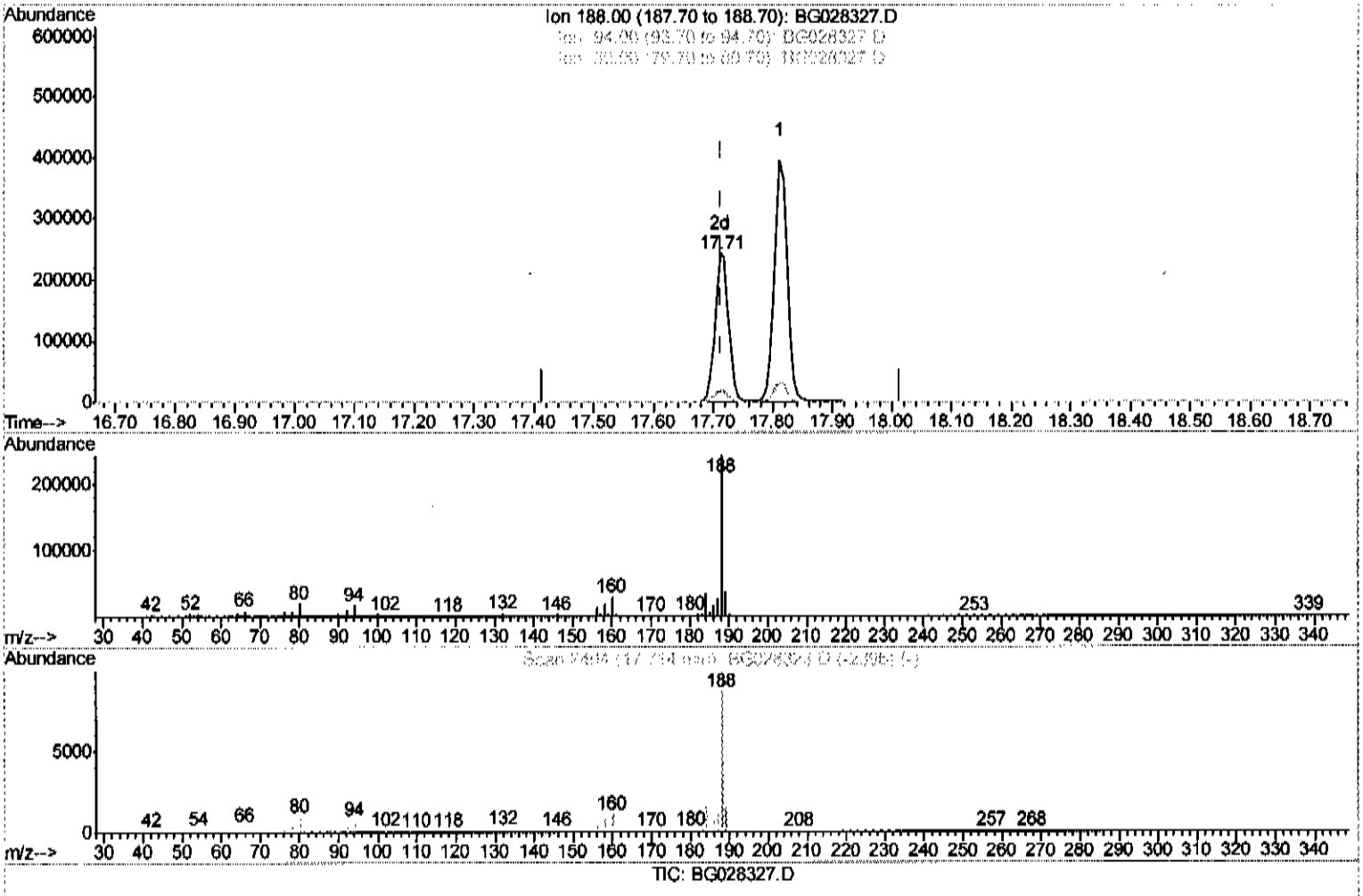
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028327.D
Acq On : 15 Aug 2017 00:43
Operator : SJ/JU
Sample : I4673-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 15 06:42:45 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 15 06:41:43 2017
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
C0AJ5

**Manual Integrations APPROVED**
Sohil
8/15/2017 6:01:54 PM




TIC: BG028327.D

(61) Phenanthrene-d10 (I)

17.712min (-0.002) 20.00ng/ul m

response 383070

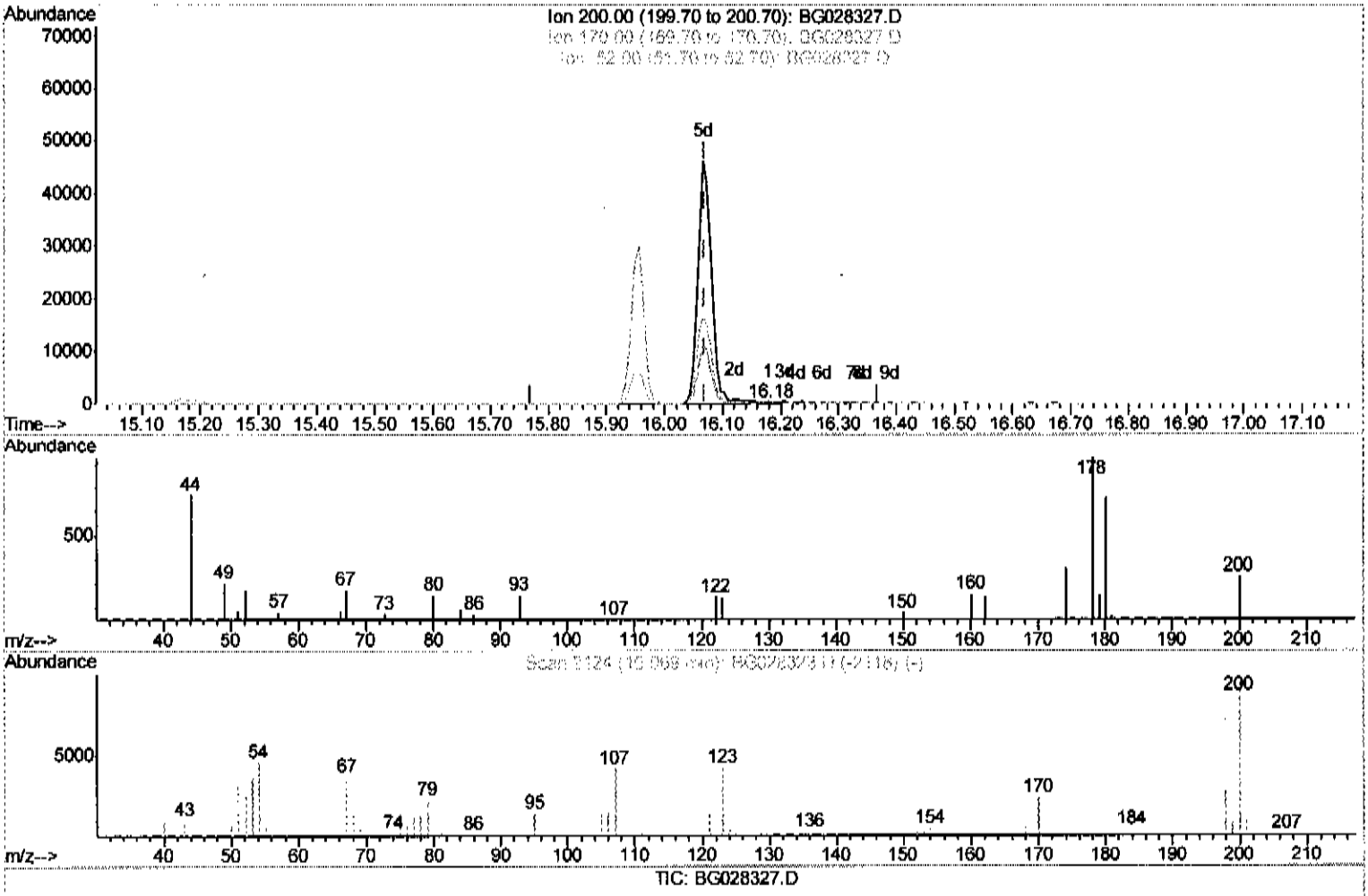
| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 8.80 | 6.60# |
| 80.00 | 9.50 | 8.17 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028327.D
Acq On : 15 Aug 2017 00:43
Operator : SJ/JU
Sample : I4673-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 15 06:57:43 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 15 06:41:43 2017
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
C0AJ5

**Manual Integrations APPROVED**
Sohil
8/15/2017 6:01:54 PM




TIC: BG028327.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.179min (+0.110) 0.04ng/ul

response 110

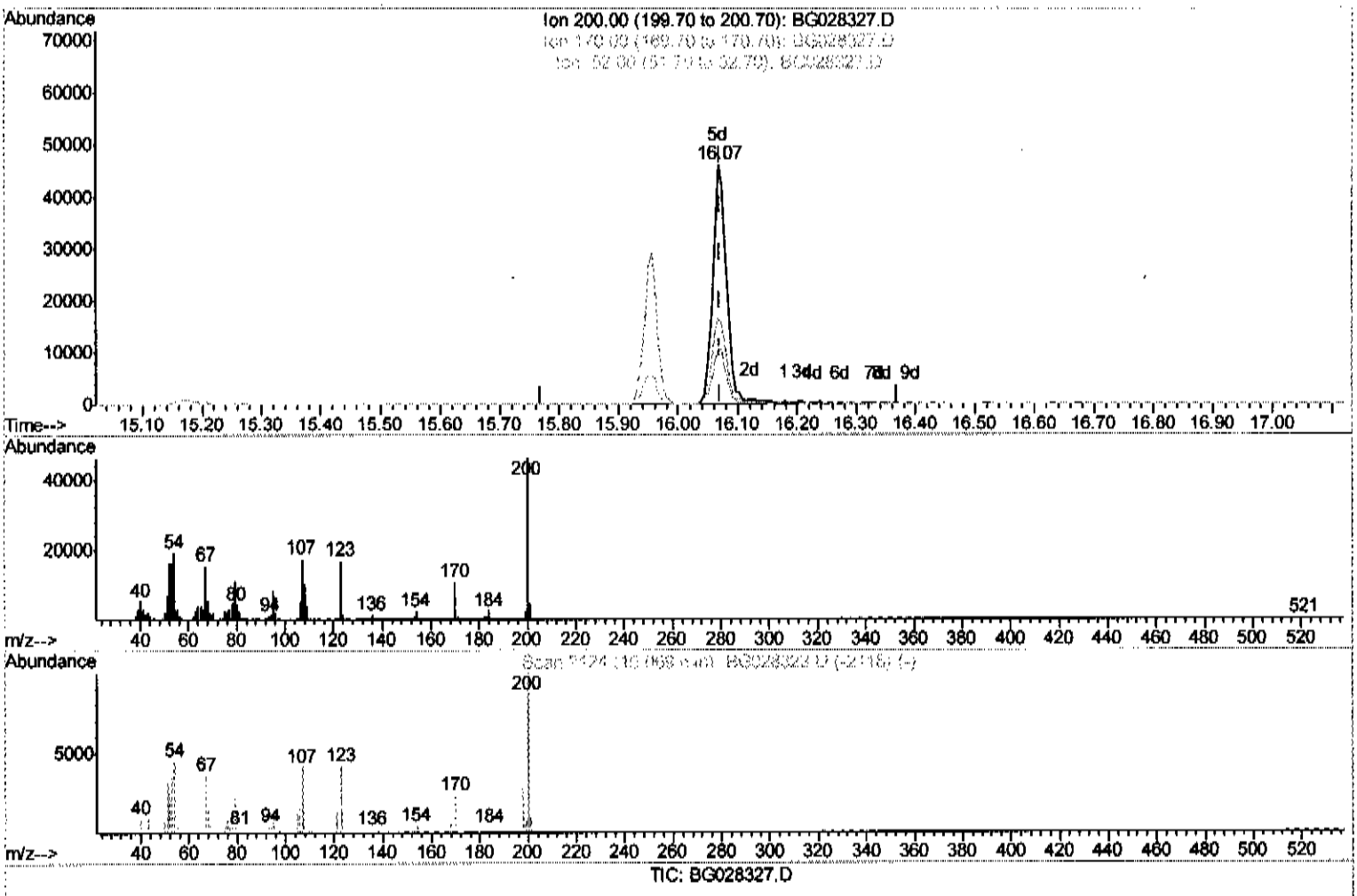
| Ion | Exp% | Act% |
|---|---|---|
| 200.00 | 100 | 100 |
| 170.00 | 23.20 | 0.00# |
| 52.00 | 47.20 | 82.48# |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028327.D
Acq On : 15 Aug 2017 00:43
Operator : SJ/JU
Sample : I4673-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 15 06:57:43 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 15 06:41:43 2017
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
C0AJ5

**Manual Integrations APPROVED**
Sohil
8/15/2017 6:01:54 PM




(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.067min (-0.002) 29.05ng/ul m

response 72288

| Ion | Exp% | Act% |
|---|---|---|
| 200.00 | 100 | 100 |
| 170.00 | 23.20 | 23.68 |
| 52.00 | 47.20 | 36.08# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 15 06:41:43 2017
Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** C0AJ5

**Manual Integrations APPROVED**
Sohil
8/15/2017 6:01:54 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.36 | 152 | 45458 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.18 | 136 | 210089 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.96 | 164 | 154564 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.71 | 188 | 383070m | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 22.05 | 240 | 400577 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.56 | 264 | 369566 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.83 | 96 | 4175 | 4.28 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.51 | 99 | 33114 | 6.63 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.67 | 67 | 72975 | 23.08 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.89 | 132 | 74238 | 23.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.06 | 113 | 60821 | 14.58 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.53 | 128 | 45303 | 27.58 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.25 | 143 | 55599 | 30.87 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.80 | 165 | 100772 | 27.04 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.31 | 131 | 6832 | 1.65 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.35 | 166 | 397290 | 28.90 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.66 | 160 | 444491 | 28.68 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.17 | 143 | 15047 | 6.88 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.96 | 176 | 350238 | 28.40 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.07 | 200 | 72288m | 29.05 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.81 | 188 | 597286 | 32.52 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 20.09 | 212 | 656058 | 31.94 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.32 | 264 | 560379 | 32.39 | ng/ul | 0.00 |

| Target Compounds | Qvalue |
|---|---|

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