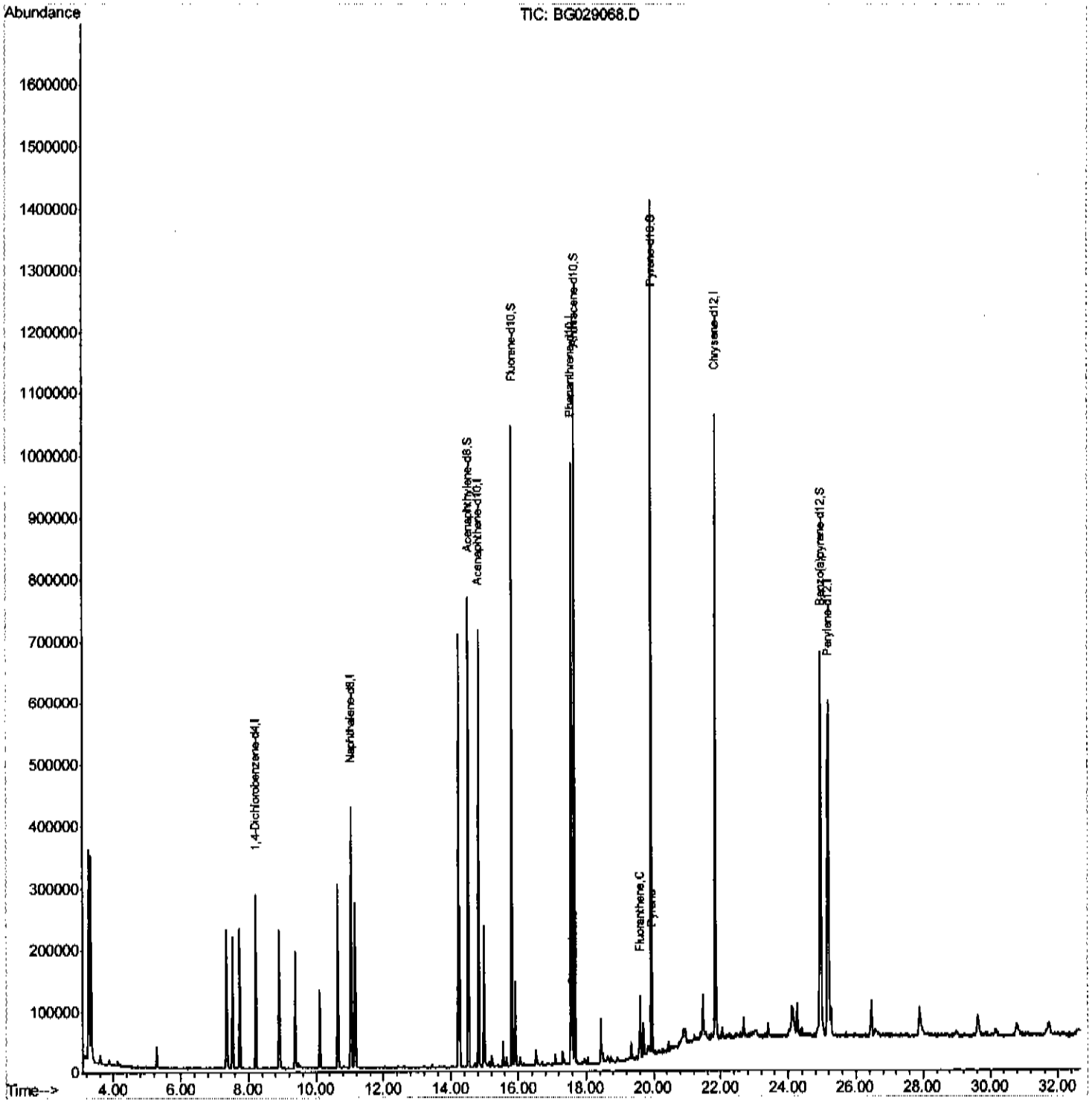
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\
Data File : BG029068.D
Acq On : 8 Oct 2017 4:43
Operator : SJ/JU
Sample : I5577-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 09 06:50:47 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 17:49:18 2017
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
DAH82

**Manual Integrations APPROVED**
Sohil
10/9/2017 6:50:09 PM

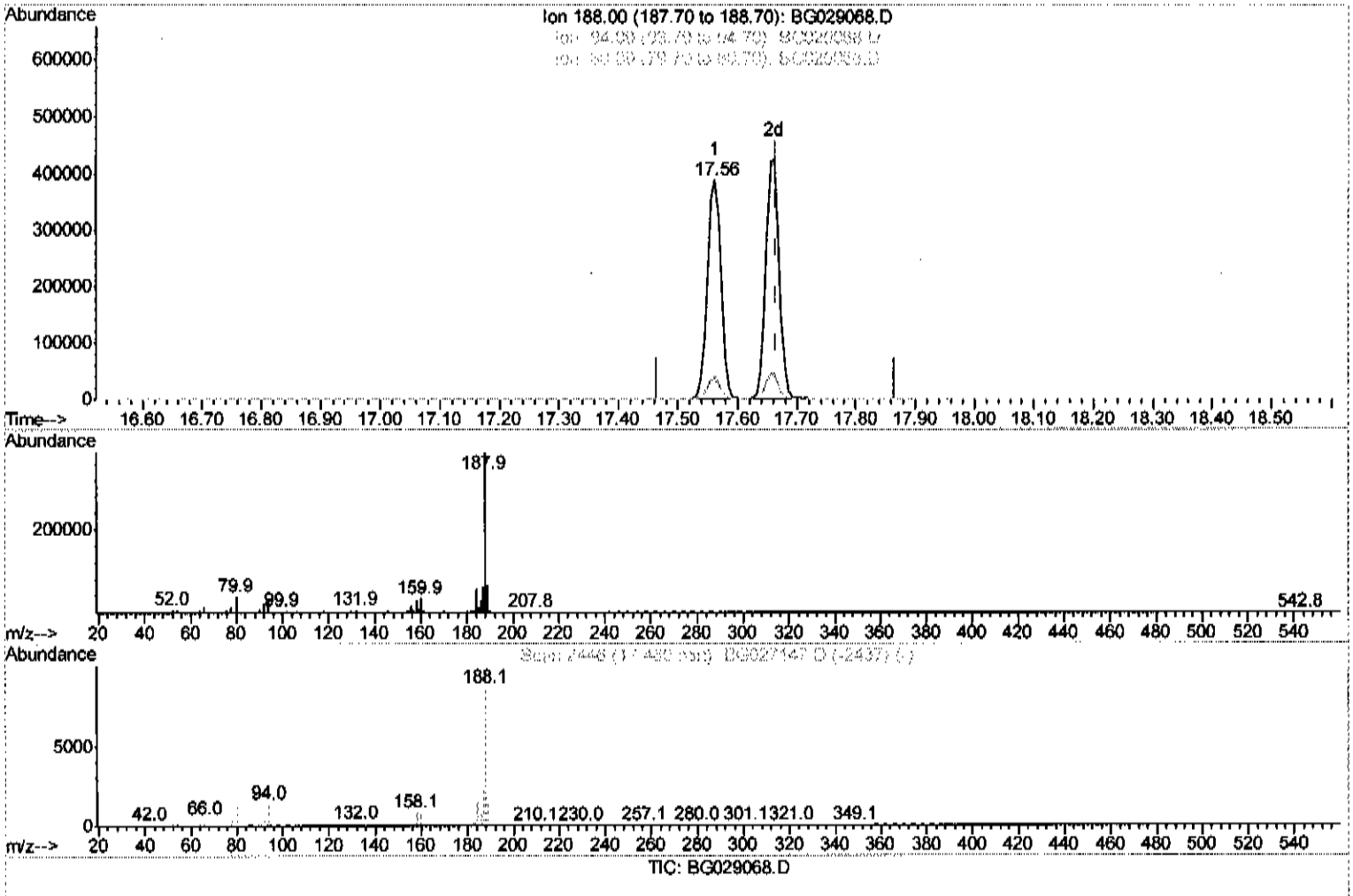


Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\
Data File : BG029068.D
Acq On : 8 Oct 2017 4:43
Operator : SJ/JU
Sample : I5577-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 09 05:52:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 17:49:18 2017
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
DAH82

**Manual Integrations APPROVED**
Sohil
10/9/2017 6:50:09 PM




TIC: BG029068.D

(14) Anthracene-d10 (S)

17.562min (-0.103) 20.65ng/ul

response 607908

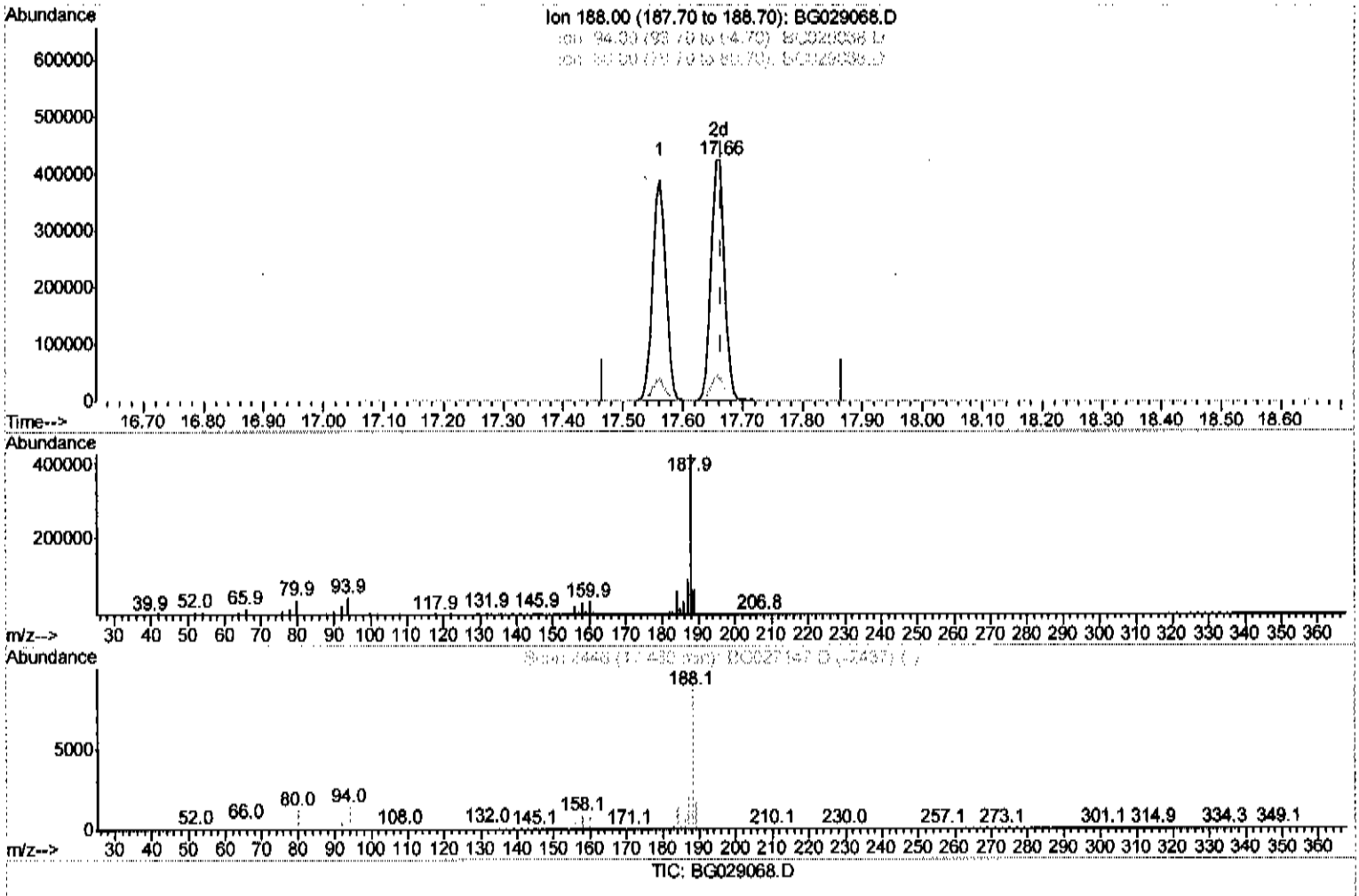
| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 11.10 | 9.26 |
| 80.00 | 11.80 | 10.19 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\
Data File : BG029068.D
Acq On : 8 Oct 2017 4:43
Operator : SJ/JU
Sample : I5577-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 09 05:52:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 17:49:18 2017
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
DAH82

**Manual Integrations APPROVED**
Sohil
10/9/2017 6:50:09 PM




TIC: BG029068.D

(14) Anthracene-d10 (S)

17.662min (-0.003) 22.25ng/ul m JU 10/9/17

response 654938

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 11.10 | 10.48 |
| 80.00 | 11.80 | 9.07# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\
Data File : BG029068.D
Acq On : 8 Oct 2017 4:43
Operator : SJ/JU
Sample : I5577-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAH82

Manual Integrations APPROVED
Sohil
10/9/2017 6:50:09 PM

Quant Time: Oct 09 06:50:47 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 17:49:18 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.21 | 152 | 83729 | 20.00 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 11.03 | 136 | 384717 | 20.00 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.82 | 164 | 253527 | 20.00 | ng/ul | 0.00 |
| 12) Phenanthrene-d10 | 17.56 | 188 | 607654 | 20.00 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.84 | 240 | 586561 | 20.00 | ng/ul | 0.00 |
| 22) Perylene-d12 | 25.18 | 264 | 589748 | 20.00 | ng/ul | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 7) Acenaphthylene-d8 | 14.52 | 160 | 577499 | 21.90 | ng/ul | 0.00 |
| 10) Fluorene-d10 | 15.81 | 176 | 429525 | 22.46 | ng/ul | 0.00 |
| 14) Anthracene-d10 | 17.66 | 188 | 654938m | 22.25 | ng/ul | 0.00 |
| 18) Pyrene-d10 | 19.93 | 212 | 728636 | 24.28 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12 | 24.95 | 264 | 637061 | 22.55 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 13) Phenanthrene | 17.60 | 178 | 36241 | 1.118 | ng/ul | 96 |
| 16) Fluoranthene | 19.59 | 202 | 59153 | 1.557 | ng/ul | 96 |
| 19) Pyrene | 19.96 | 202 | 49529 | 1.355 | ng/ul | 95 |

JU 10/9/17

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