

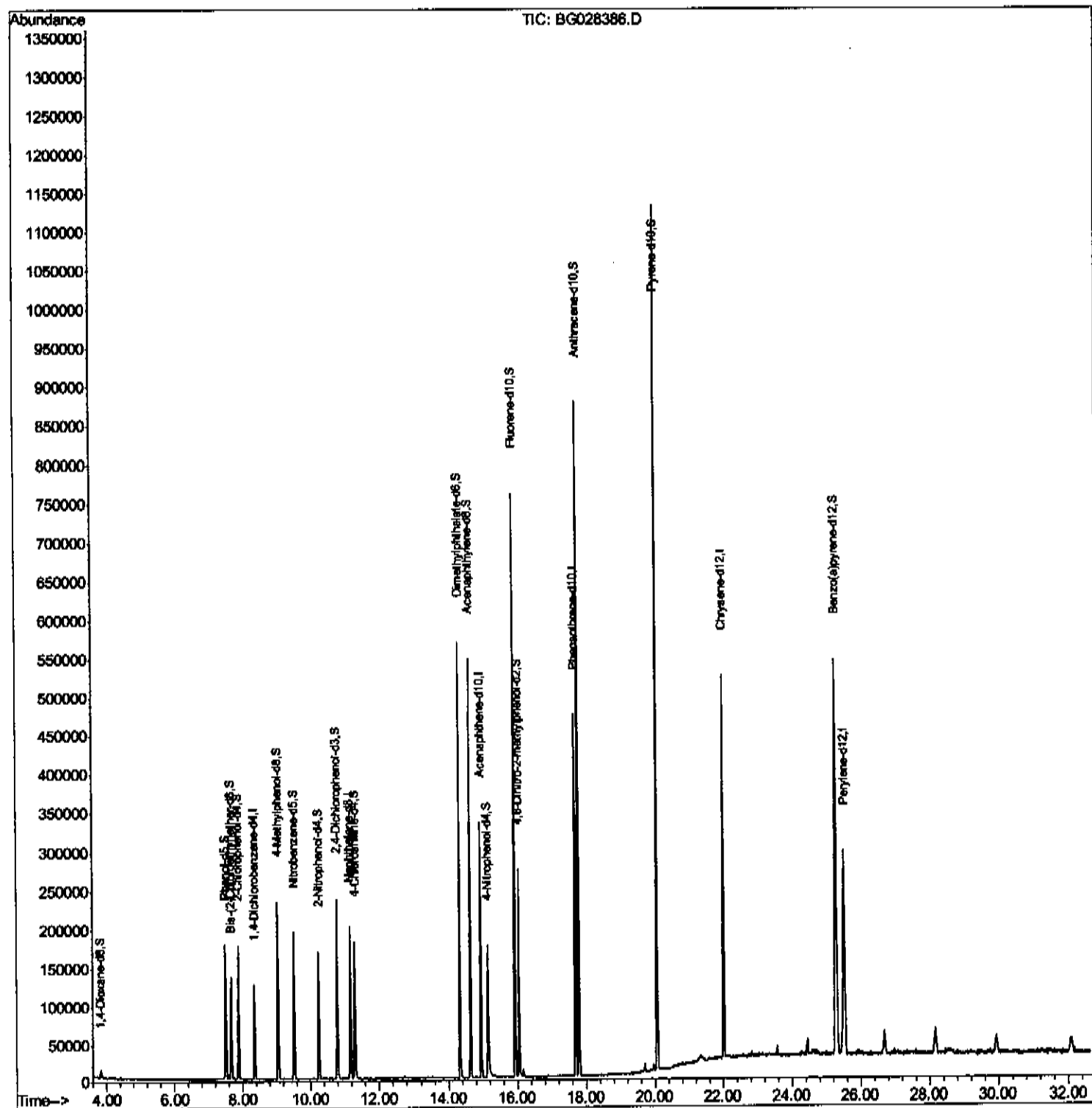
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082117\  
Data File : BG028386.D  
Acq On : 21 Aug 2017 12:03  
Operator : SJ/JU  
Sample : PB101455BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
SBLK55

Manual Integrations  
APPROVED

Sohil  
8/22/2017 5:50:00 PM

Quant Time: Aug 22 02:07:05 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Aug 22 01:38:44 2017  
Response via : Initial Calibration



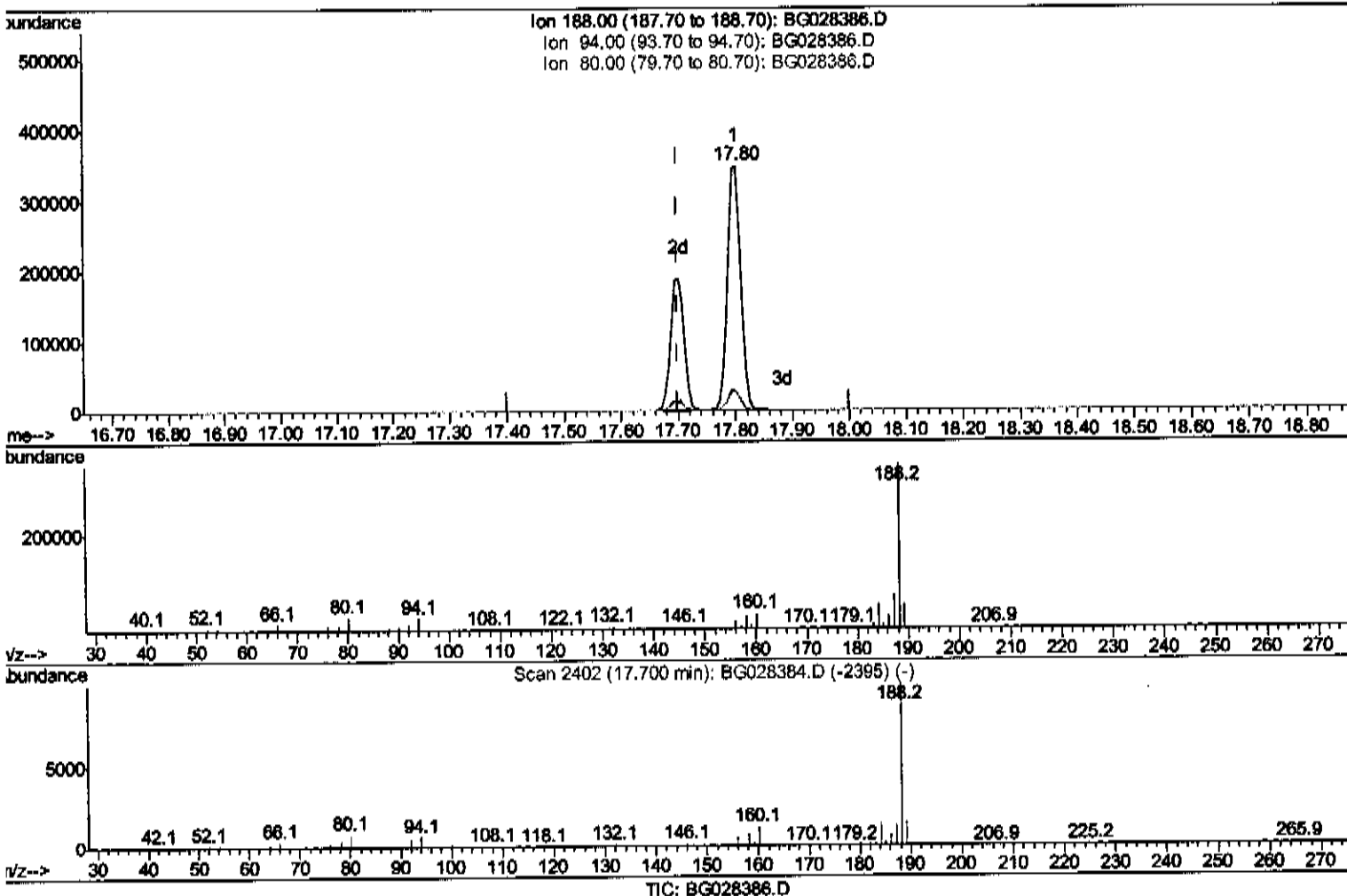
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082117\  
Data File : BG028386.D  
Acq On : 21 Aug 2017 12:03  
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Instrument :  
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ClientSampleId :  
SBLK55

Manual Integrations  
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Sohil  
8/22/2017 5:50:00 PM

Quant Time: Aug 22 01:39:46 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Aug 22 01:38:44 2017  
Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.801min (+0.101) 20.00ng/ul

response 561473

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 8.80 | 7.46 |
| 80.00  | 9.50 | 7.82 |
| 0.00   | 0.00 | 0.00 |

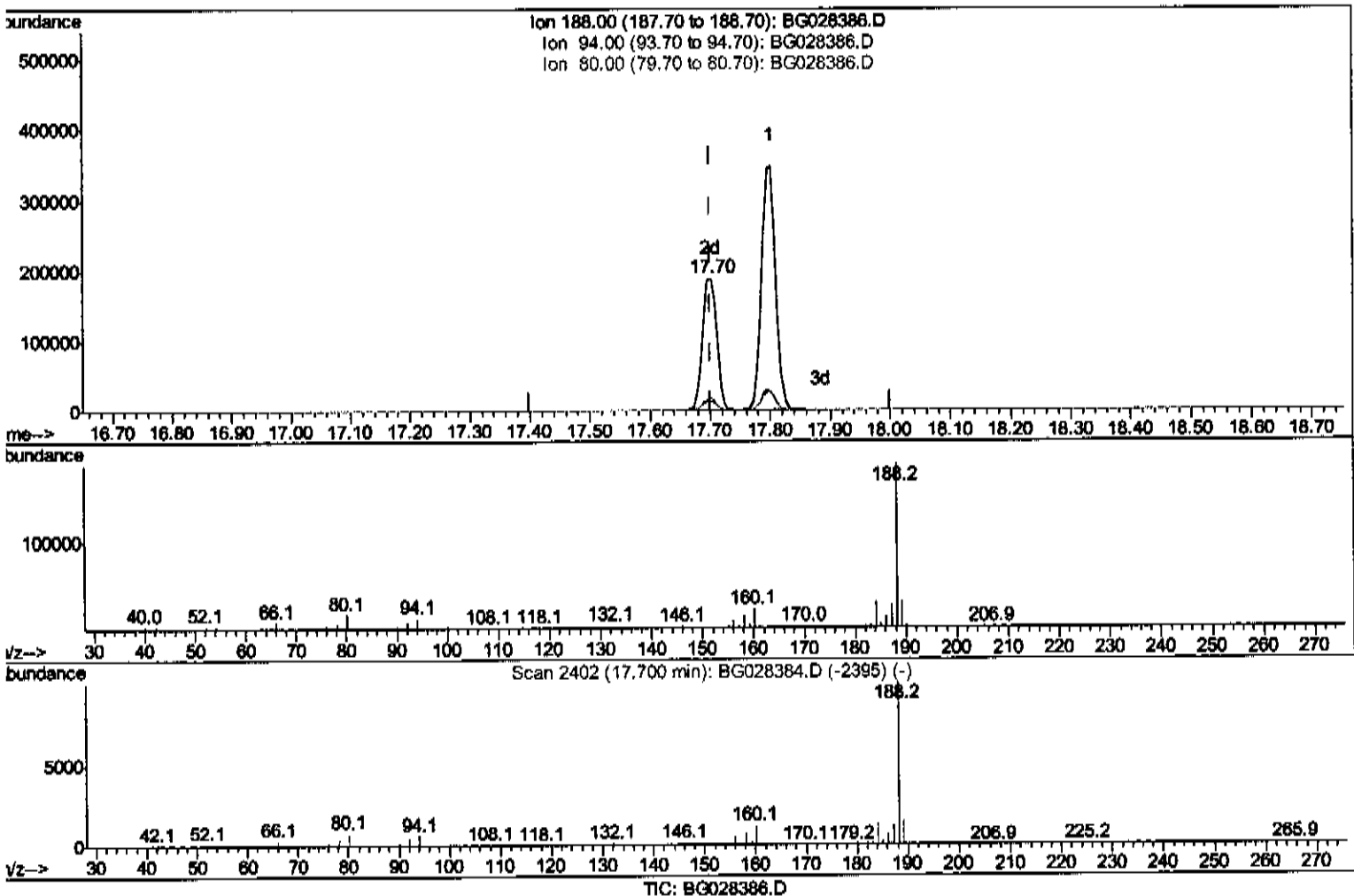
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082117\  
Data File : BG028386.D  
Acq On : 21 Aug 2017 12:03  
Operator : SJ/JU  
Sample : PB101455BL  
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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK55

Manual Integrations  
APPROVED

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QLast Update : Tue Aug 22 01:38:44 2017  
Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.701min (+0.001) 20.00ng/ul m

response 311324

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 8.80 | 6.51# |
| 80.00  | 9.50 | 8.97  |
| 0.00   | 0.00 | 0.00  |

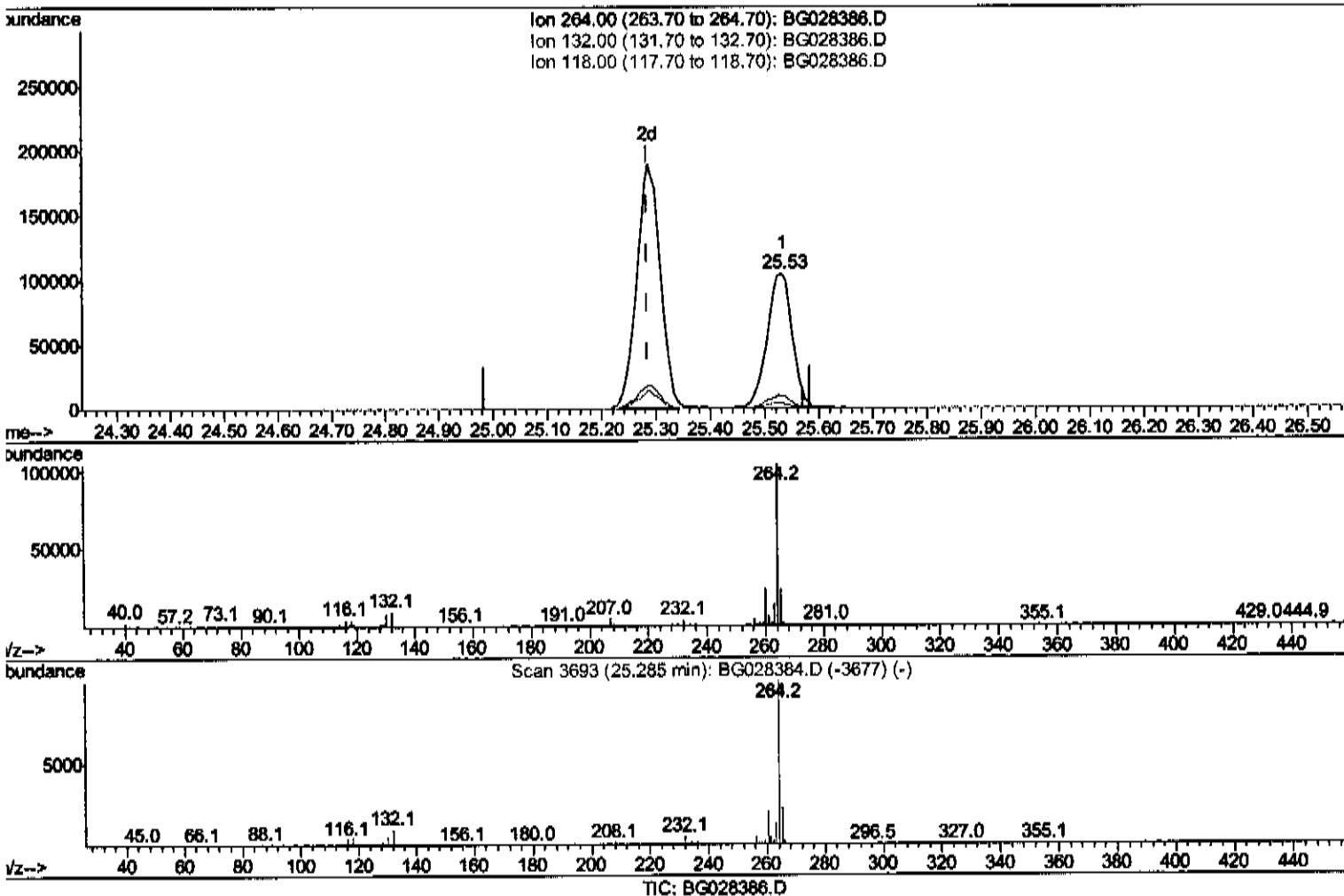
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082117\  
Data File : BG028386.D  
Acq On : 21 Aug 2017 12:03  
Operator : SJ/JU  
Sample : PB101455BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK55

Manual Integrations  
APPROVED

Sohil  
8/22/2017 5:50:00 PM

Quant Time: Aug 22 02:05:26 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Aug 22 01:38:44 2017  
Response via : Initial Calibration



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

25.533min (+0.248) 20.95ng/ul

response 328988

| Ion    | Exp% | Act% |
|--------|------|------|
| 264.00 | 100  | 100  |
| 132.00 | 8.50 | 9.23 |
| 118.00 | 6.00 | 5.24 |
| 0.00   | 0.00 | 0.00 |

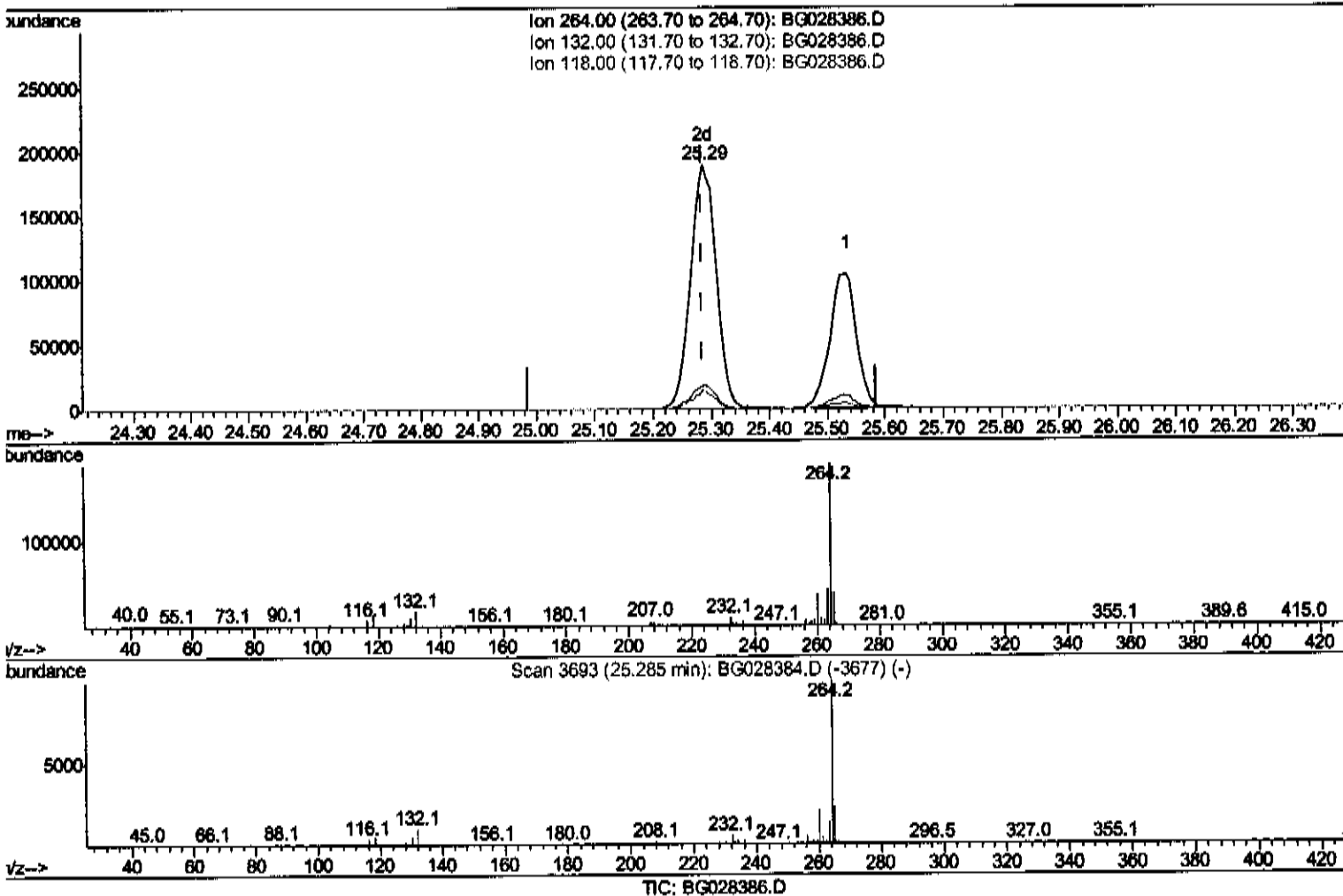
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082117\  
Data File : BG028386.D  
Acq On : 21 Aug 2017 12:03  
Operator : SJ/JU  
Sample : PB101455BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK55

Manual Integrations  
APPROVED

Sohil  
8/22/2017 5:50:00 PM

Quant Time: Aug 22 02:05:26 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Aug 22 01:38:44 2017  
Response via : Initial Calibration



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

25.286min (+0.001) 36.47ng/ul m

response 572749

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 264.00 | 100  | 100   |
| 132.00 | 8.50 | 9.38  |
| 118.00 | 6.00 | 7.66# |
| 0.00   | 0.00 | 0.00  |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082117\  
 Data File : BG028386.D  
 Acq On : 21 Aug 2017 12:03  
 Operator : SJ/JU  
 Sample : PB101455BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK55

Manual Integrations  
 APPROVED

Sohil  
 8/22/2017 5:50:00 PM

Quant Time: Aug 22 02:07:05 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 22 01:38:44 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.34  | 152  | 34244    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.16 | 136  | 156198   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.95 | 164  | 116654   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.70 | 188  | 311324m  | 20.00 | ng/ul | >0.00    |
| 75) Chrysene-d12          | 22.03 | 240  | 346489   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.53 | 264  | 335510   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.82  | 96   | 4657     | 6.33  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.50  | 99   | 105493   | 28.05 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.65  | 67   | 74464    | 31.26 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.88  | 132  | 77357    | 32.60 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 9.04  | 113  | 92948    | 29.57 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.51  | 128  | 42837    | 35.07 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.24 | 143  | 50555    | 37.75 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.78 | 165  | 94977    | 34.28 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.29 | 131  | 93101    | 30.19 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 14.34 | 166  | 387505   | 37.35 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.65 | 160  | 410864   | 35.12 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 15.15 | 143  | 51027    | 30.93 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.94 | 176  | 314583   | 33.80 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200  | 65365    | 32.32 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.80 | 188  | 561473   | 37.61 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 20.07 | 212  | 634964   | 35.74 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 25.29 | 264  | 572749m  | 36.47 | ng/ul | >0.00    |

Target Compounds Ovalue

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