

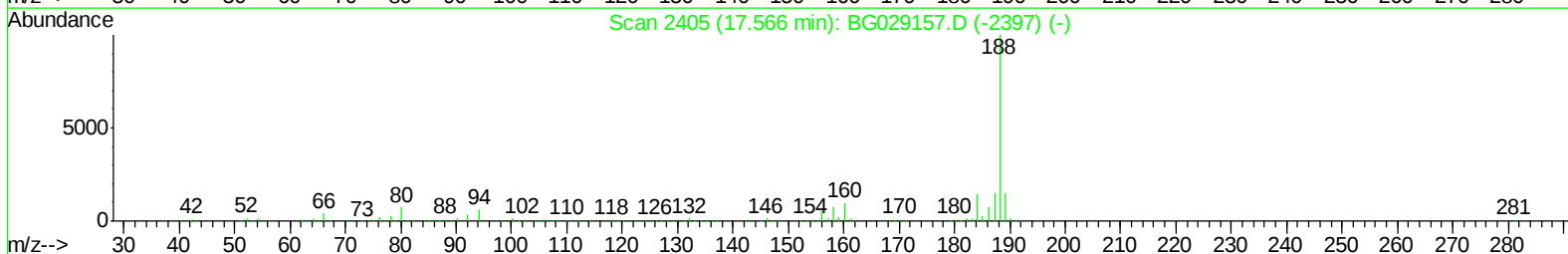
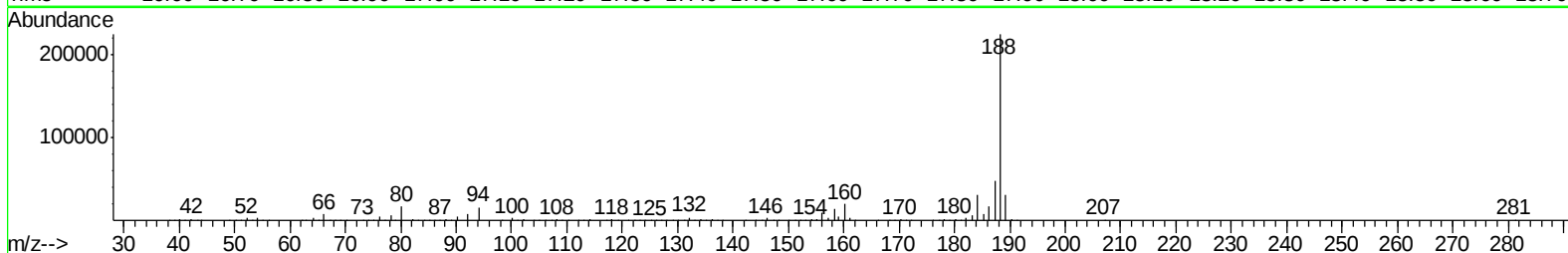
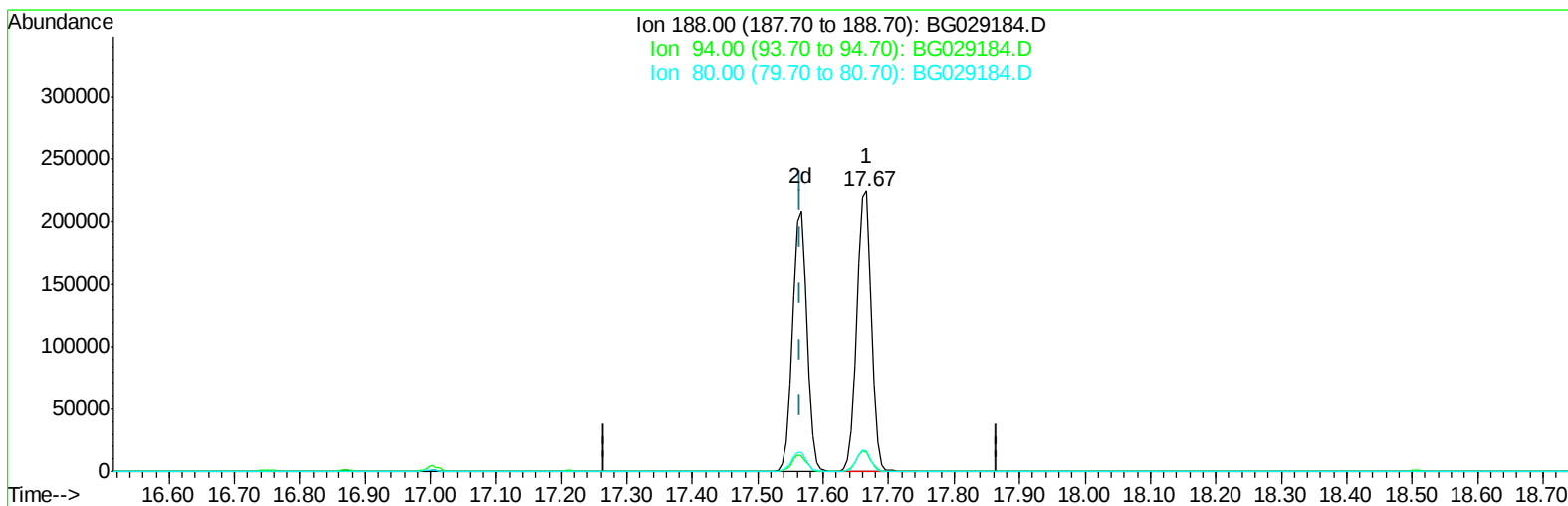
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\  
Data File : BG029184.D  
Acq On : 12 Oct 2017 3:22  
Operator : SJ/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTD02080

Manual Integrations  
APPROVED

Sohil  
10/13/2017 12:08:22 PM

Quant Time: Oct 12 08:55:04 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 11 04:24:22 2017  
Response via : Initial Calibration



TIC: BG029184.D

(12) Phenanthrene-d10 (I)

17.666min (+0.100) 20.00ng/ul

response 348937

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 7.20 | 6.98 |
| 80.00  | 7.60 | 7.33 |
| 0.00   | 0.00 | 0.00 |

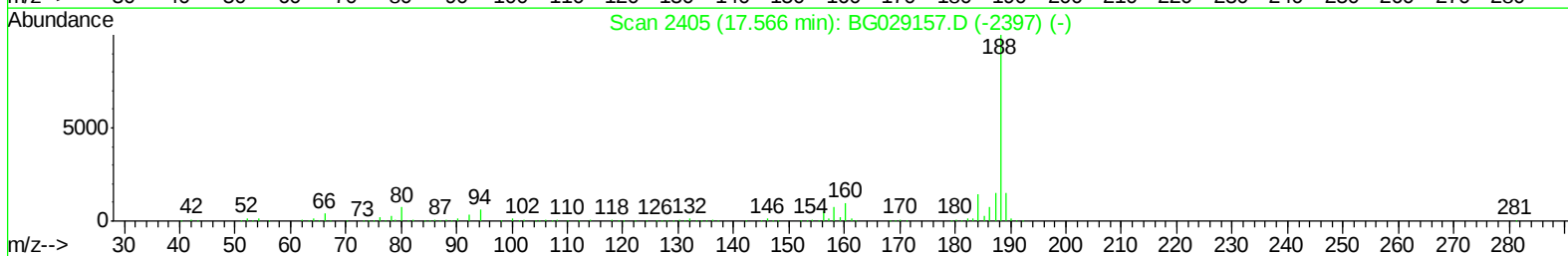
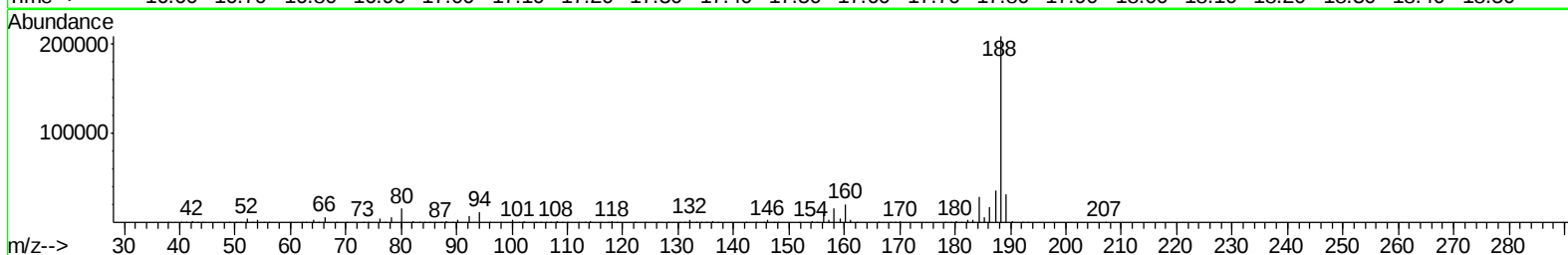
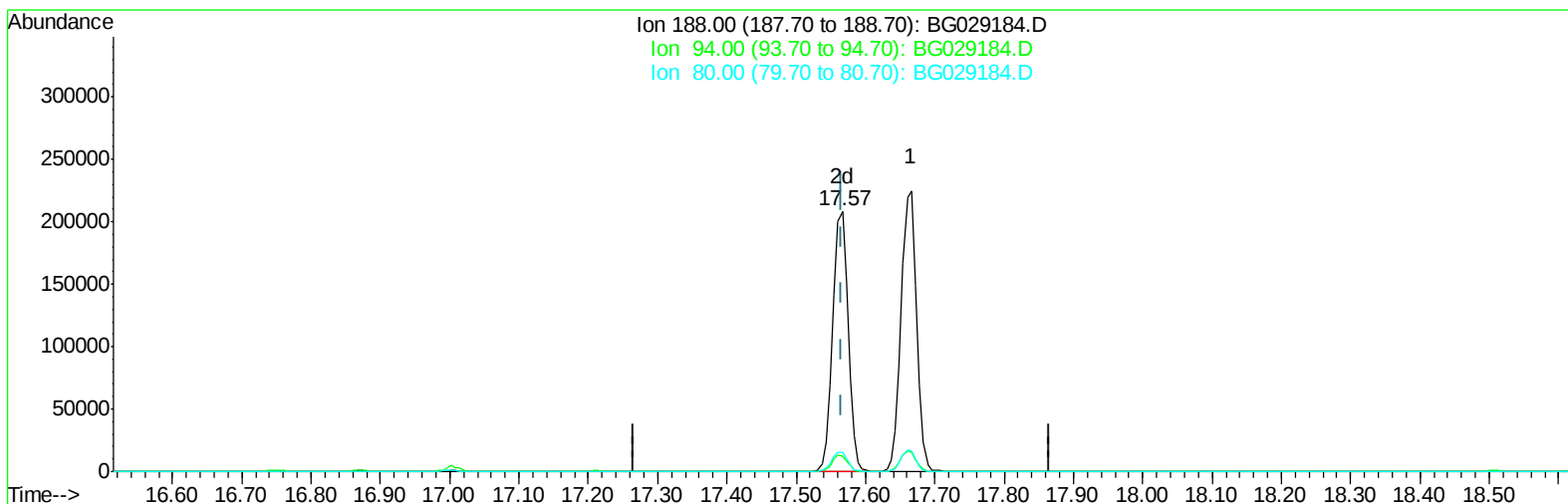
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\  
Data File : BG029184.D  
Acq On : 12 Oct 2017 3:22  
Operator : SJ/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTD02080

Manual Integrations  
APPROVED

Sohil  
10/13/2017 12:08:22 PM

Quant Time: Oct 12 08:55:04 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 11 04:24:22 2017  
Response via : Initial Calibration



TIC: BG029184.D

(12) Phenanthrene-d10 (I)

17.566min (-0.000) 20.00ng/ul m

response 322367

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 7.20 | 5.66# |
| 80.00  | 7.60 | 7.29  |
| 0.00   | 0.00 | 0.00  |

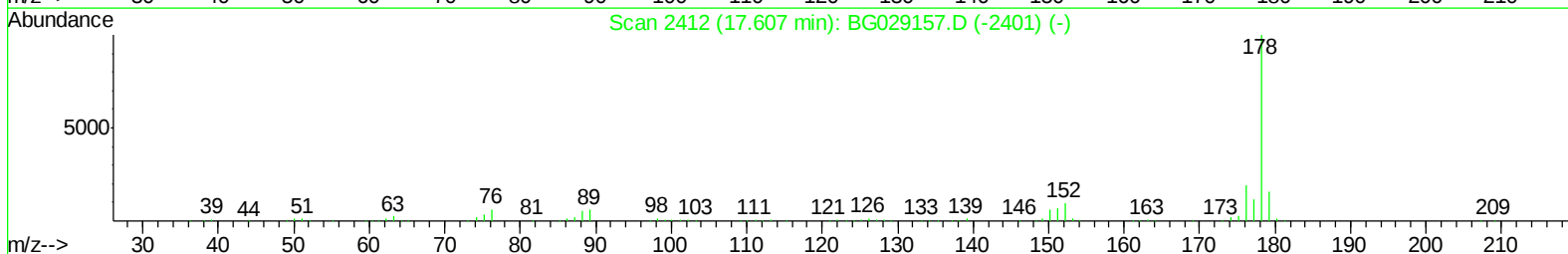
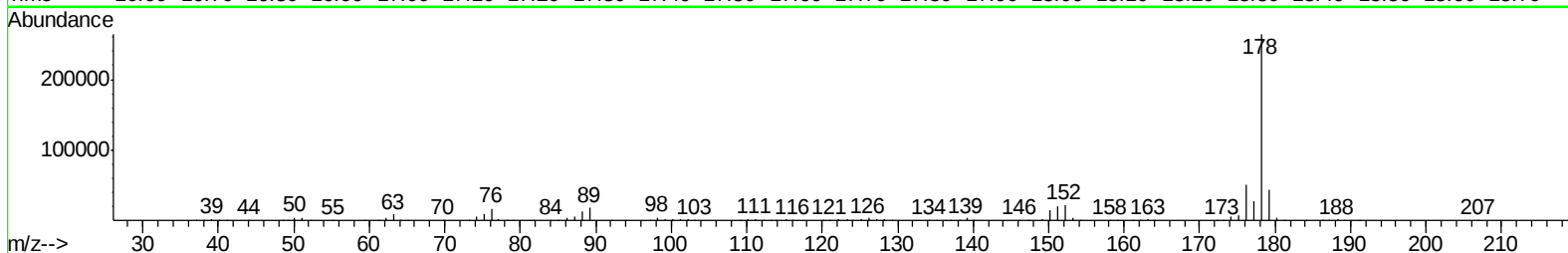
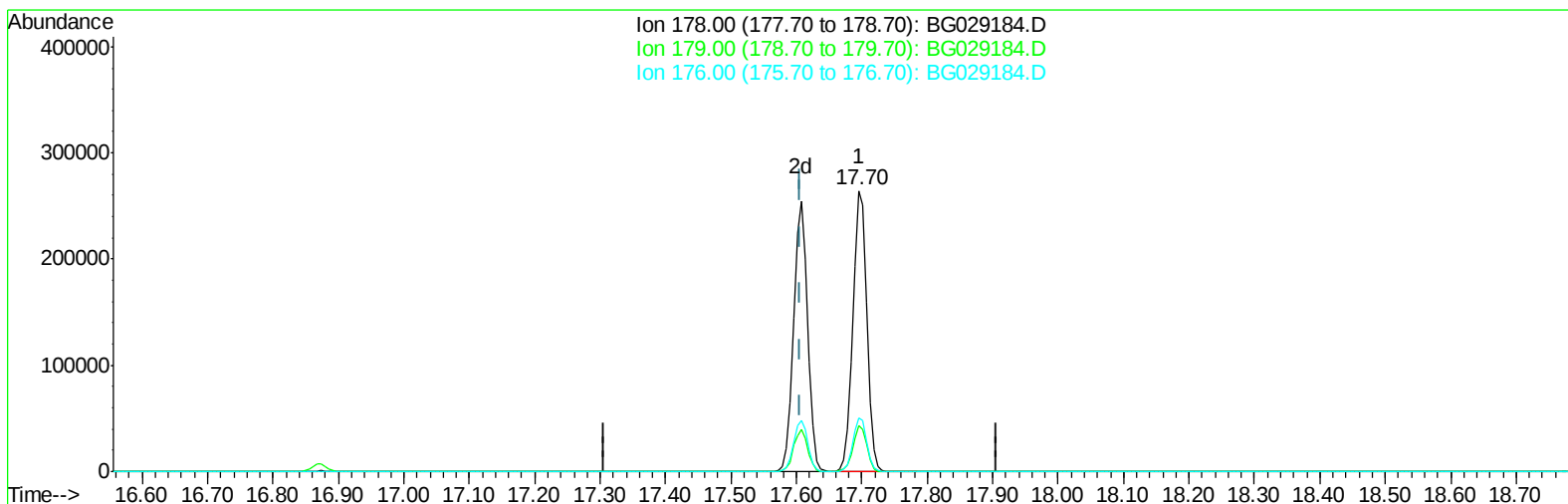
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\  
Data File : BG029184.D  
Acq On : 12 Oct 2017 3:22  
Operator : SJ/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTD02080

Manual Integrations  
APPROVED

Sohil  
10/13/2017 12:08:22 PM

Quant Time: Oct 12 10:05:05 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 11 04:24:22 2017  
Response via : Initial Calibration



TIC: BG029184.D

(14) Phenanthrene

17.695min (+0.088) 22.54ng/ul

response 393672

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 15.20 | 16.20 |
| 176.00 | 18.80 | 19.11 |
| 0.00   | 0.00  | 0.00  |

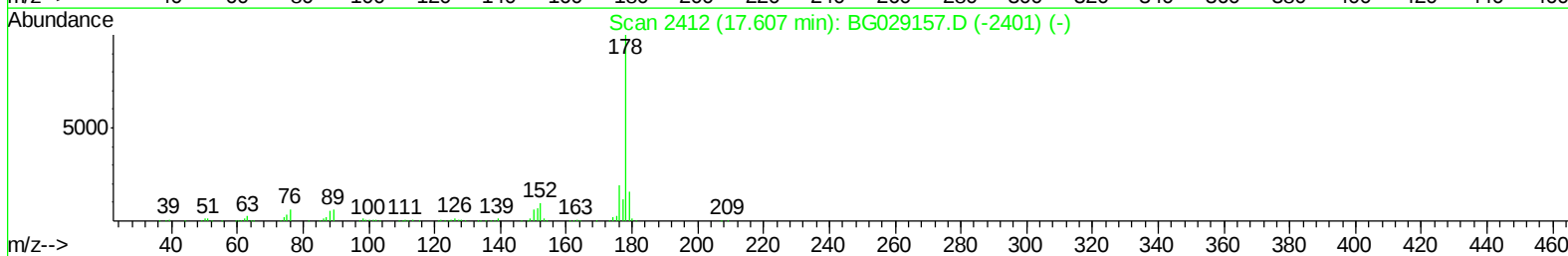
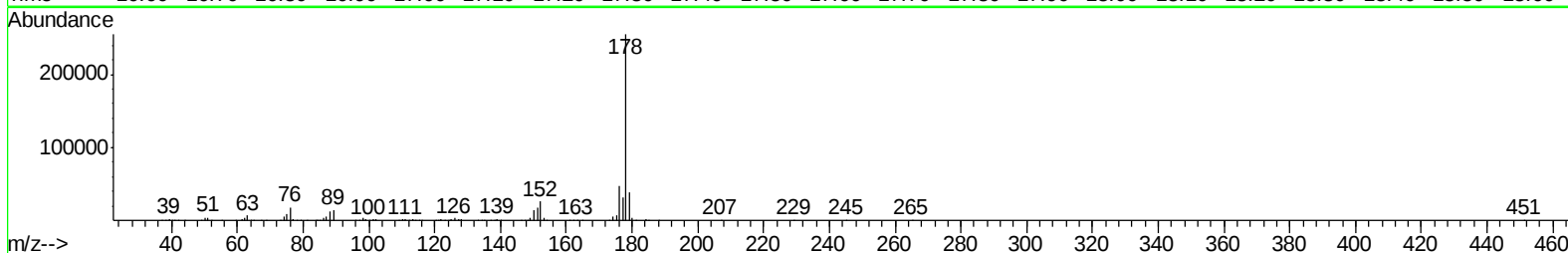
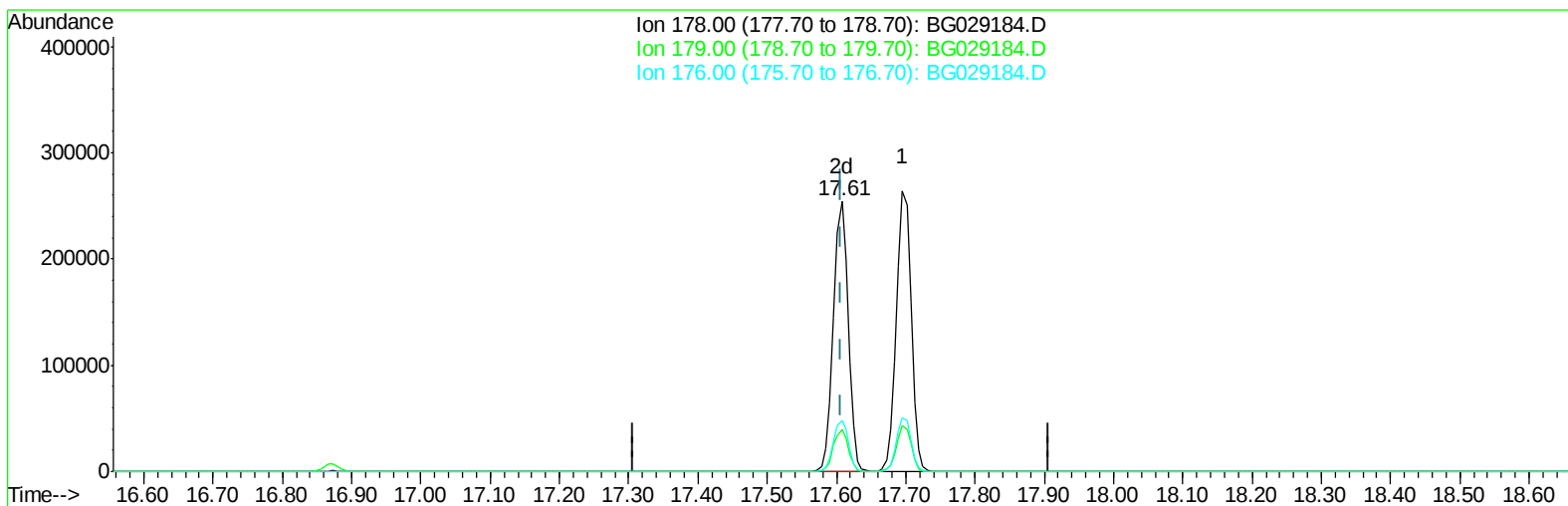
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\  
Data File : BG029184.D  
Acq On : 12 Oct 2017 3:22  
Operator : SJ/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTD02080

Manual Integrations  
APPROVED

Sohil  
10/13/2017 12:08:22 PM

Quant Time: Oct 12 10:05:05 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 11 04:24:22 2017  
Response via : Initial Calibration



TIC: BG029184.D

(14) Phenanthrene

17.607min (-0.000) 21.71ng/ul m

response 379094

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 15.20 | 15.42 |
| 176.00 | 18.80 | 18.86 |
| 0.00   | 0.00  | 0.00  |

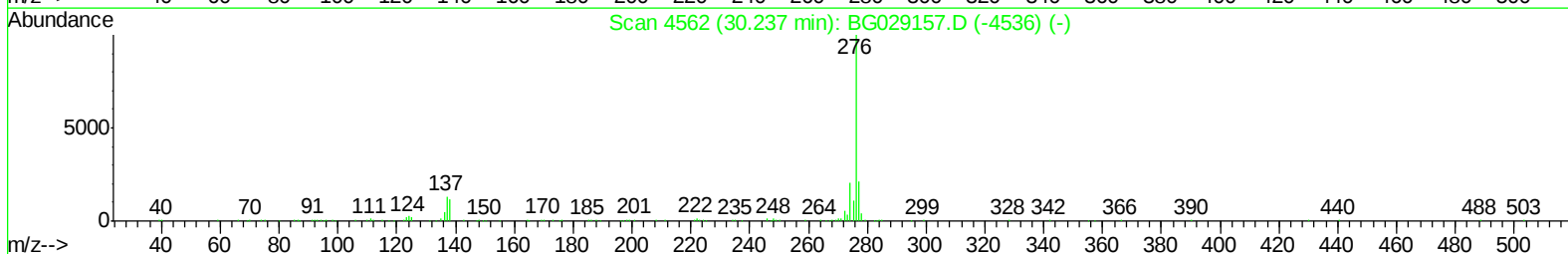
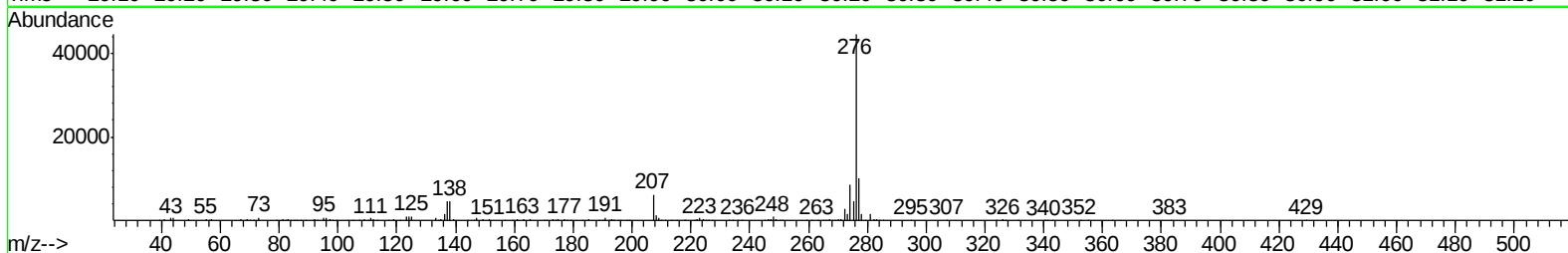
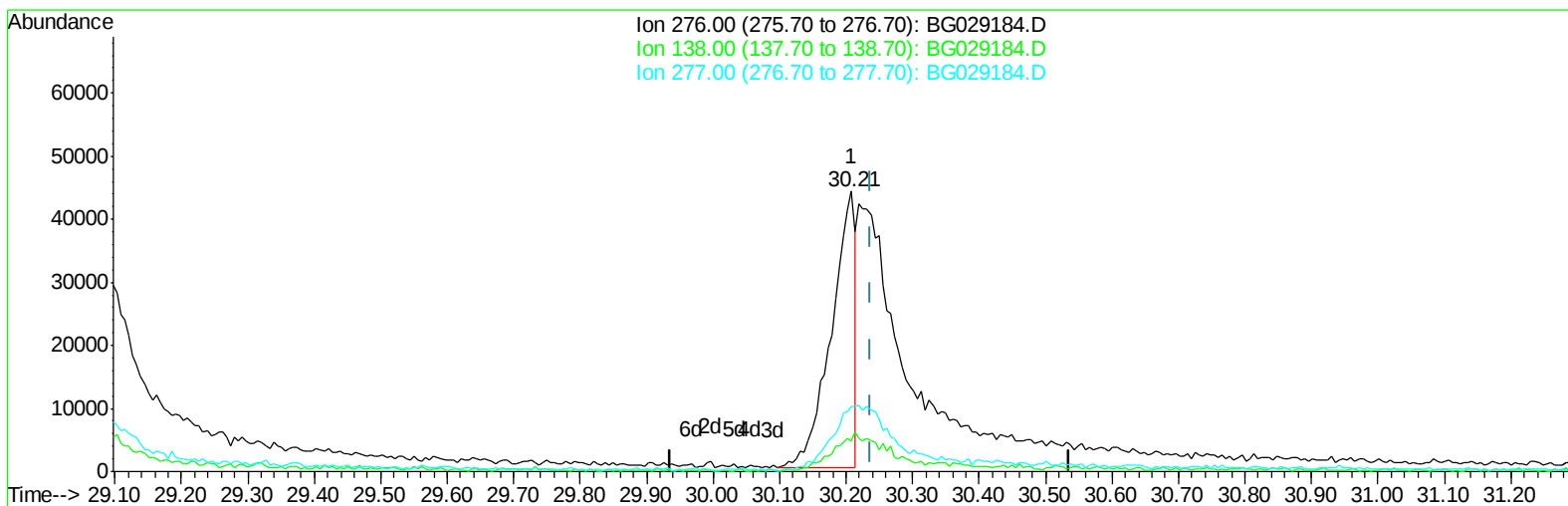
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\  
Data File : BG029184.D  
Acq On : 12 Oct 2017 3:22  
Operator : SJ/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTD02080

Manual Integrations  
APPROVED

Sohil  
10/13/2017 12:08:22 PM

Quant Time: Oct 12 10:05:05 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 11 04:24:22 2017  
Response via : Initial Calibration



TIC: BG029184.D

(30) Benzo(g,h,i)perylene

30.208min (-0.029) 7.21ng/ul

response 111202

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 11.60 | 10.87 |
| 277.00 | 22.40 | 23.07 |
| 0.00   | 0.00  | 0.00  |

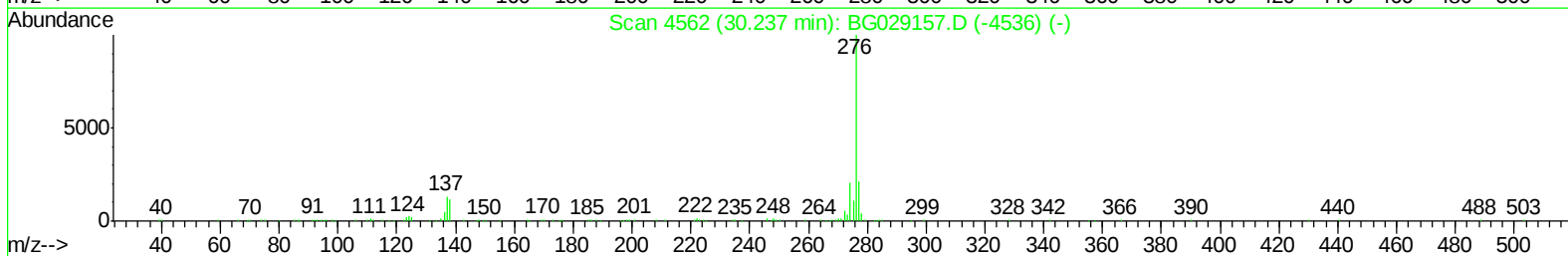
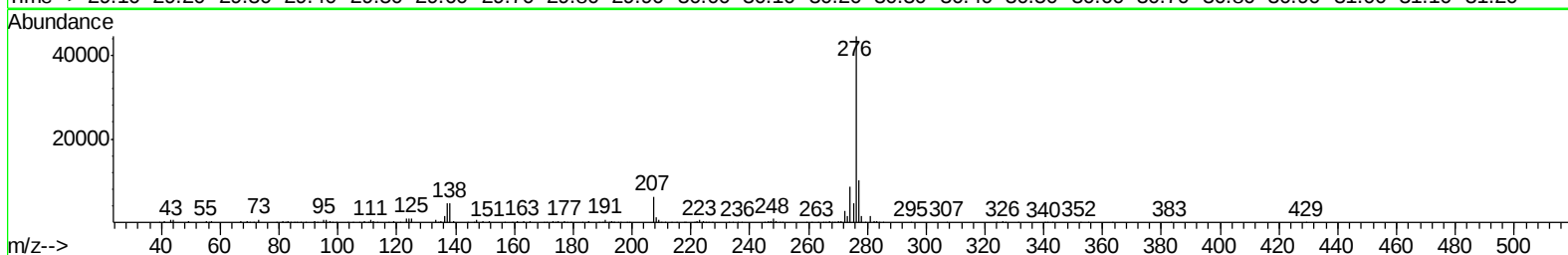
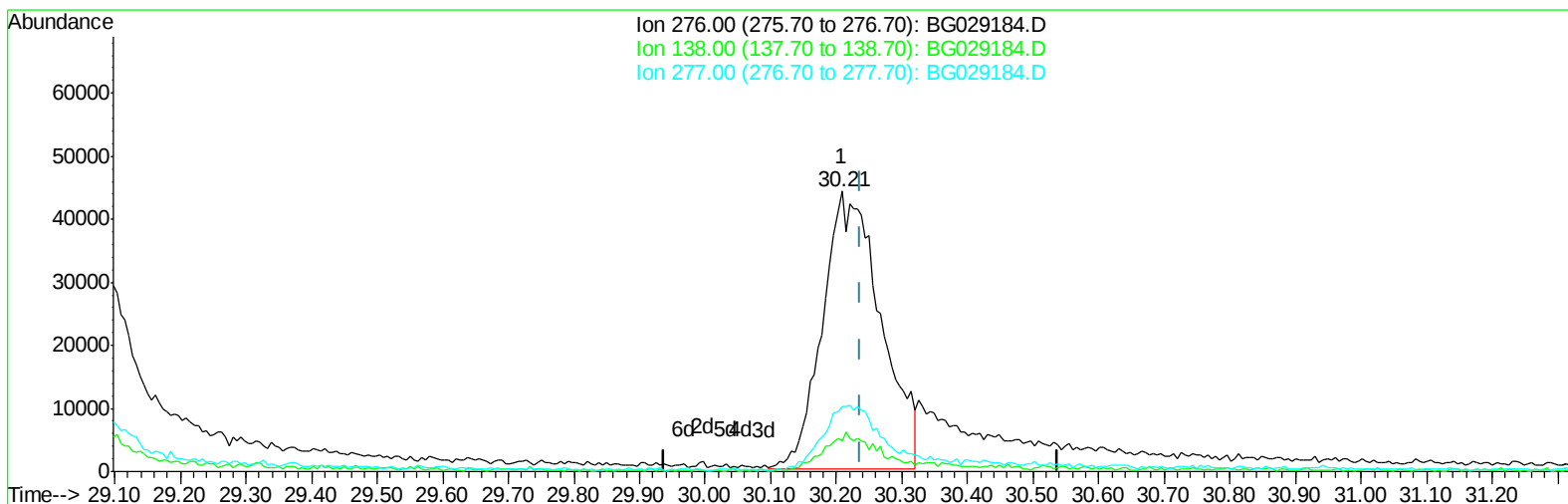
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\  
Data File : BG029184.D  
Acq On : 12 Oct 2017 3:22  
Operator : SJ/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTD02080

Manual Integrations  
APPROVED

Sohil  
10/13/2017 12:08:22 PM

Quant Time: Oct 12 10:05:05 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 11 04:24:22 2017  
Response via : Initial Calibration



TIC: BG029184.D

(30) Benzo(g,h,i)perylene

30.208min (-0.029) 17.49ng/ul m

response 269886

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 11.60 | 10.87 |
| 277.00 | 22.40 | 23.07 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\  
 Data File : BG029184.D  
 Acq On : 12 Oct 2017 3:22  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTD02080

Manual Integrations  
 APPROVED

Sohil  
 10/13/2017 12:08:22 PM

Quant Time: Oct 12 10:06:40 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 11 04:24:22 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.21  | 152  | 45708    | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8           | 11.03 | 136  | 203777   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10         | 14.83 | 164  | 168017   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10        | 17.57 | 188  | 322367m  | 20.00 | ng/ul | 0.00     |
| 18) Chrysene-d12            | 21.84 | 240  | 350286   | 20.00 | ng/ul | 0.00     |
| 23) Perylene-d12            | 25.19 | 264  | 386009   | 20.00 | ng/ul | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 3) 2,4-Dichlorophenol-d3    | 10.65 | 165  | 82011    | 21.05 | ng/ul | 0.00     |
| 7) Acenaphthylene-d8        | 14.52 | 160  | 370496   | 22.00 | ng/ul | 0.00     |
| 10) Fluorene-d10            | 15.81 | 176  | 277206   | 20.98 | ng/ul | 0.00     |
| 15) Anthracene-d10          | 17.67 | 188  | 348937   | 21.90 | ng/ul | 0.00     |
| 19) Pyrene-d10              | 19.93 | 212  | 405717   | 22.04 | ng/ul | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.96 | 264  | 376942   | 19.52 | ng/ul | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
|                             |       |      |          |       |       | Qvalue   |
| 4) Naphthalene              | 11.08 | 128  | 223470   | 20.86 | ng/ul | 99       |
| 5) 2-Methylnaphthalene      | 12.67 | 142  | 175977   | 21.47 | ng/ul | 94       |
| 8) Acenaphthylene           | 14.55 | 152  | 366162   | 22.77 | ng/ul | 100      |
| 9) Acenaphthene             | 14.89 | 153  | 252443   | 22.28 | ng/ul | 96       |
| 11) Fluorene                | 15.87 | 166  | 292193   | 22.38 | ng/ul | 99       |
| 13) Pentachlorophenol       | 17.21 | 266  | 55253    | 20.62 | ng/ul | 98       |
| 14) Phenanthrene            | 17.61 | 178  | 379094m  | 21.71 | ng/ul |          |
| 16) Anthracene              | 17.70 | 178  | 393672   | 21.99 | ng/ul | 99       |
| 17) Fluoranthene            | 19.60 | 202  | 459980   | 22.39 | ng/ul | 99       |
| 20) Pyrene                  | 19.96 | 202  | 472052   | 22.23 | ng/ul | 98       |
| 21) Benzo(a)anthracene      | 21.83 | 228  | 474144   | 22.22 | ng/ul | 97       |
| 22) Chrysene                | 21.89 | 228  | 427915   | 22.21 | ng/ul | 98       |
| 24) Benzo(b)fluoranthene    | 24.13 | 252  | 455702   | 19.16 | ng/ul | 98       |
| 25) Benzo(k)fluoranthene    | 24.19 | 252  | 485508   | 20.72 | ng/ul | 100      |
| 27) Benzo(a)pyrene          | 25.03 | 252  | 469262   | 20.21 | ng/ul | 98       |
| 28) Indeno(1,2,3-cd)pyrene  | 29.02 | 276  | 434764   | 19.65 | ng/ul | 97       |
| 29) Dibenzo(a,h)anthracene  | 29.09 | 278  | 389007   | 19.81 | ng/ul | 95       |
| 30) Benzo(g,h,i)perylene    | 30.21 | 276  | 269886m  | 17.49 | ng/ul |          |

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\  
Data File : BG029184.D  
Acq On : 12 Oct 2017 3:22  
Operator : SJ/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTD02080

Manual Integrations  
APPROVED

Sohil  
10/13/2017 12:08:22 PM

Quant Time: Oct 12 10:06:40 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 11 04:24:22 2017  
Response via : Initial Calibration

