

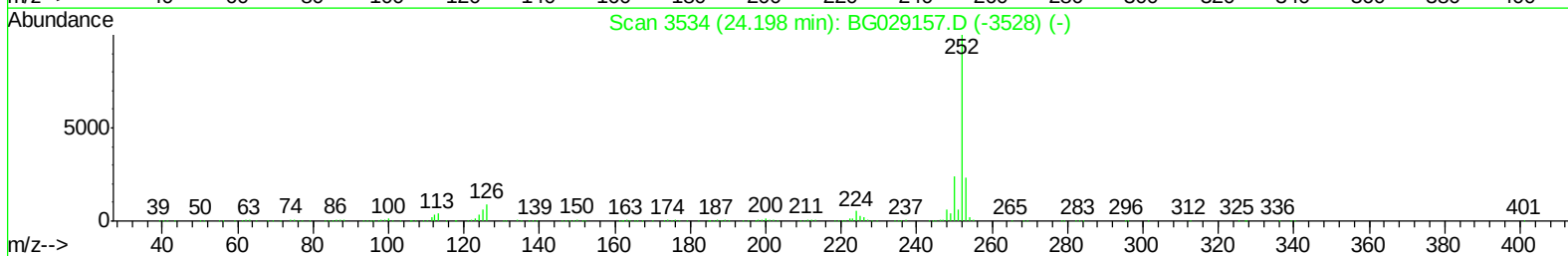
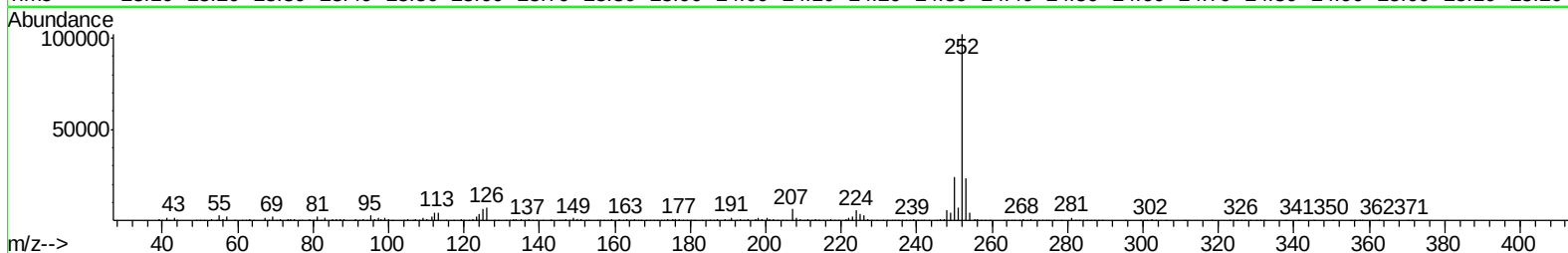
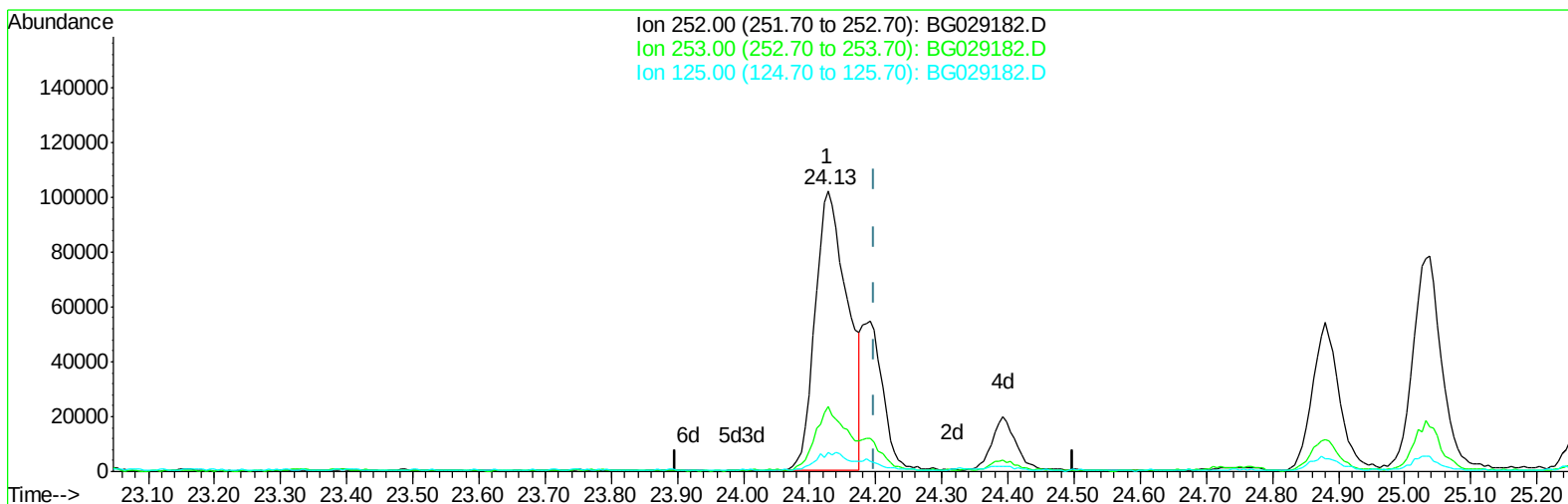
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\  
Data File : BG029182.D  
Acq On : 12 Oct 2017 2:01  
Operator : SJ/JU  
Sample : I5668-18  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CB3H4

Manual Integrations  
APPROVED

Sohil  
10/13/2017 12:08:20 PM

Quant Time: Oct 12 08:54:37 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: BG029182.D

(25) Benzo(k)fluoranthene

24.128min (-0.071) 14.85ng/ul

response 353704

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.00 | 22.97 |
| 125.00 | 6.40  | 6.65  |
| 0.00   | 0.00  | 0.00  |

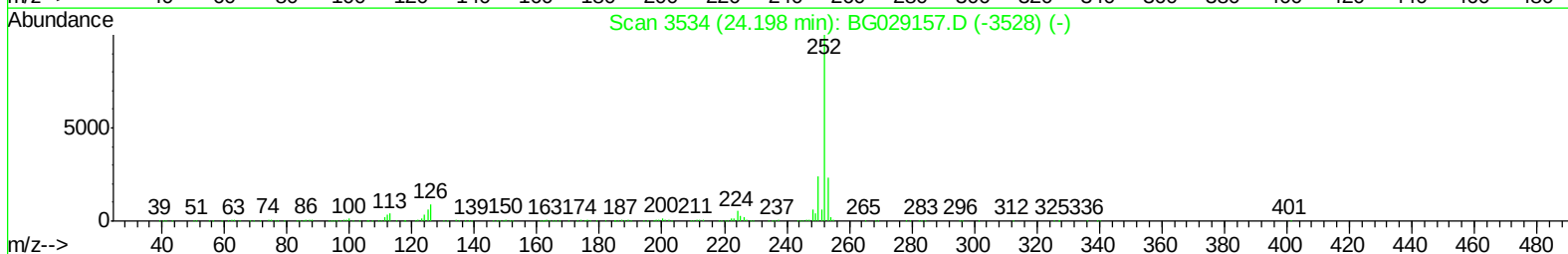
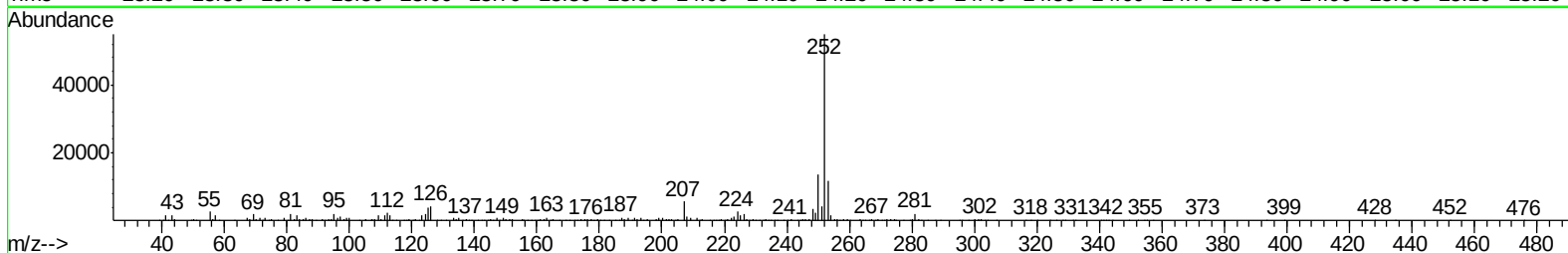
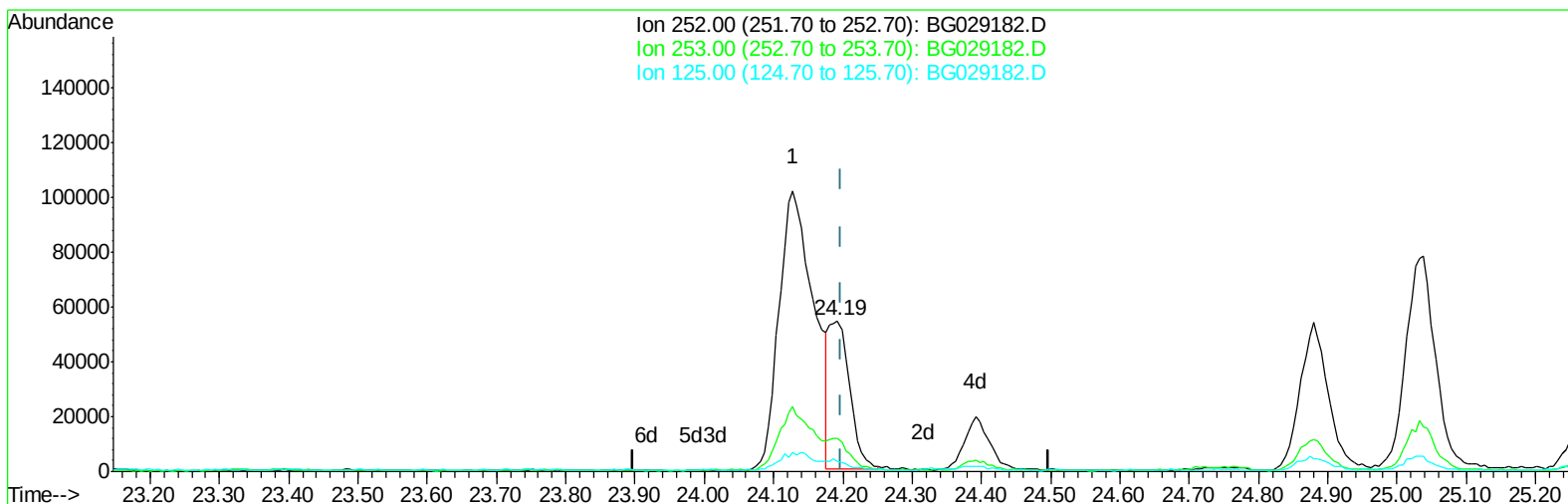
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TIC: BG029182.D

(25) Benzo(k)fluoranthene

24.192min (-0.006) 4.82ng/ul m

response 114670

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.00 | 21.63 |
| 125.00 | 6.40  | 6.91  |
| 0.00   | 0.00  | 0.00  |

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Instrument :  
 BNA\_G  
 ClientSampleID :  
 CB3H4

Manual Integrations  
 APPROVED

Sohil  
 10/13/2017 12:08:20 PM

Quant Time: Oct 12 09:58:07 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  | 54172    | 20.00 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.03 | 136  | 231897   | 20.00 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.82 | 164  | 192429   | 20.00 | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.57 | 188  | 428287   | 20.00 | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.84 | 240  | 425081   | 20.00 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 25.20 | 264  | 392342   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 3) 2,4-Dichlorophenol-d3    | 10.64 | 165  | 73918    | 16.67 | ng/ul  | 0.00     |
| 7) Acenaphthylene-d8        | 14.52 | 160  | 341131   | 17.68 | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.81 | 176  | 251692   | 16.63 | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 17.66 | 188  | 367002   | 17.34 | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.93 | 212  | 415227   | 18.59 | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.96 | 264  | 344422   | 17.55 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
|                             |       |      |          |       |        | Qvalue   |
| 4) Naphthalene              | 11.08 | 128  | 32469    | 2.66  | ng/ul# | 95       |
| 5) 2-Methylnaphthalene      | 12.67 | 142  | 14866    | 1.59  | ng/ul  | 98       |
| 9) Acenaphthene             | 14.89 | 153  | 57868    | 4.46  | ng/ul  | 97       |
| 11) Fluorene                | 15.87 | 166  | 54524    | 3.65  | ng/ul  | 97       |
| 14) Phenanthrene            | 17.61 | 178  | 542285   | 23.38 | ng/ul  | 97       |
| 16) Anthracene              | 17.70 | 178  | 124730   | 5.24  | ng/ul  | 100      |
| 17) Fluoranthene            | 19.60 | 202  | 697296   | 25.54 | ng/ul# | 96       |
| 20) Pyrene                  | 19.96 | 202  | 566207   | 21.97 | ng/ul# | 93       |
| 21) Benzo(a)anthracene      | 21.82 | 228  | 338083   | 13.05 | ng/ul  | 97       |
| 22) Chrysene                | 21.89 | 228  | 292855   | 12.53 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 24.13 | 252  | 353704   | 14.63 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 24.19 | 252  | 114670m  | 4.82  | ng/ul  |          |
| 27) Benzo(a)pyrene          | 25.04 | 252  | 233978   | 9.92  | ng/ul  | 98       |
| 28) Indeno(1,2,3-cd)pyrene  | 29.02 | 276  | 119451   | 5.31  | ng/ul  | 95       |
| 29) Dibenzo(a,h)anthracene  | 29.07 | 278  | 32364    | 1.62  | ng/ul# | 84       |
| 30) Benzo(g,h,i)perylene    | 30.23 | 276  | 76050    | 4.85  | ng/ul  | 98       |

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

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