

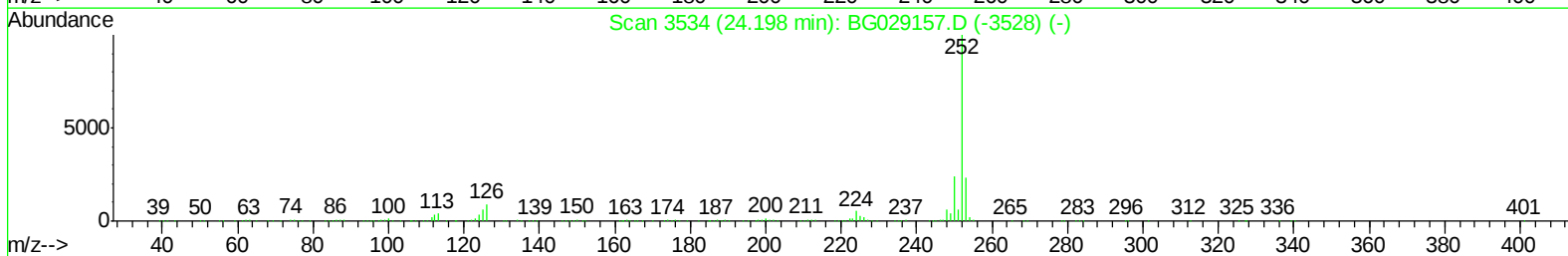
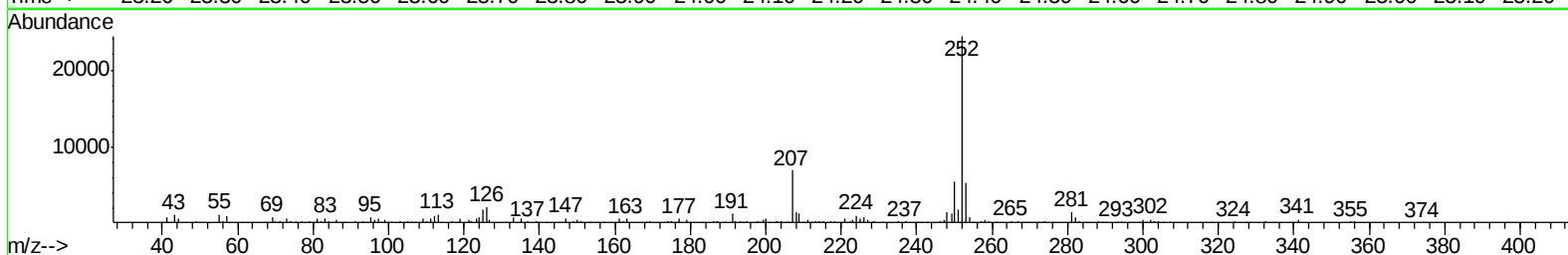
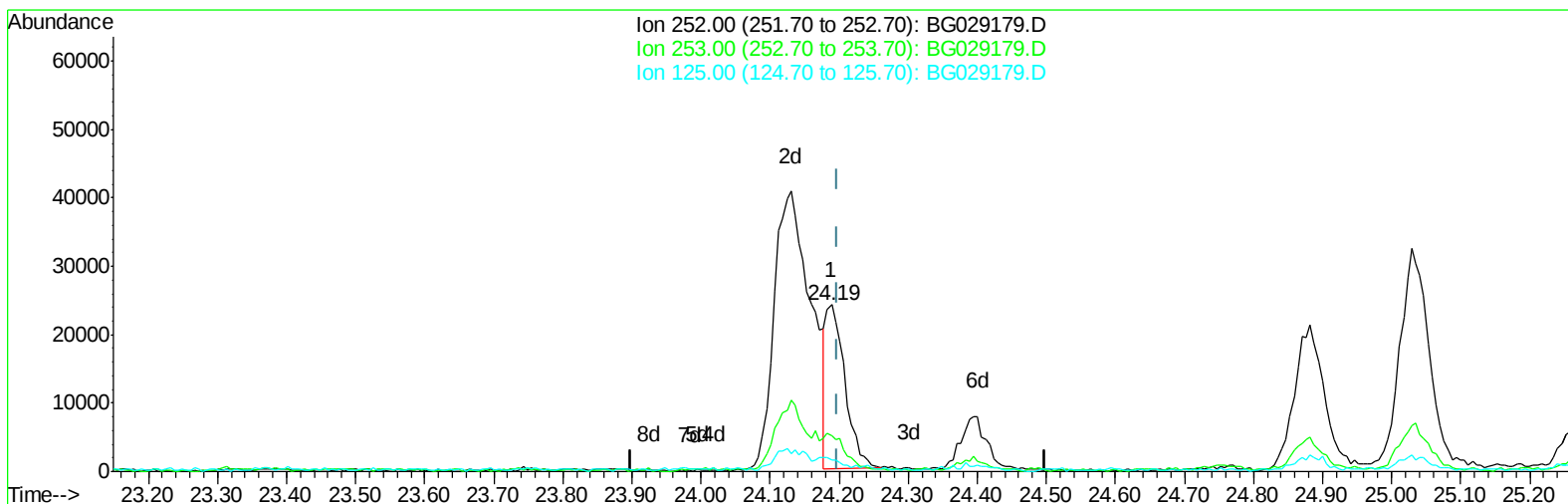
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\  
Data File : BG029179.D  
Acq On : 12 Oct 2017 00:01  
Operator : SJ/JU  
Sample : I5668-13  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CB3H1

Quant Time: Oct 12 09:41:54 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

Manual Integrations  
APPROVED

Sohil  
10/13/2017 12:08:15 PM



TIC: BG029179.D

(25) Benzo(k)fluoranthene

24.189min (-0.010) 1.88ng/ul

response 45275

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.00 | 21.73 |
| 125.00 | 6.40  | 7.28  |
| 0.00   | 0.00  | 0.00  |

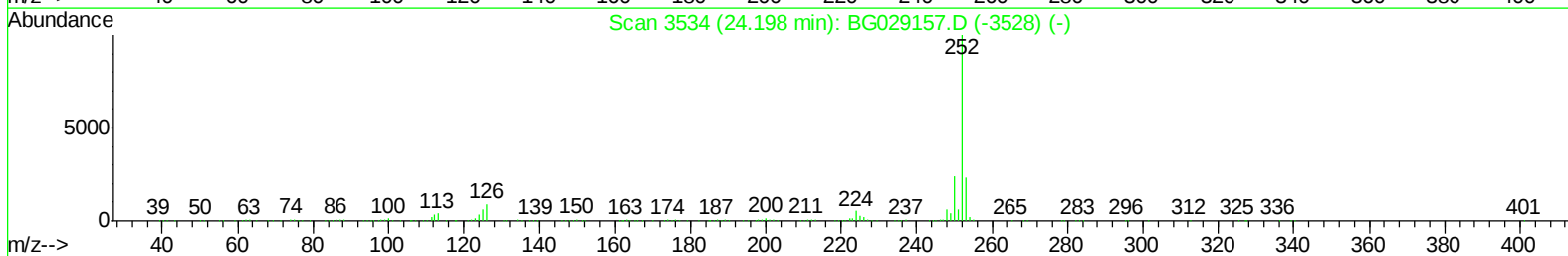
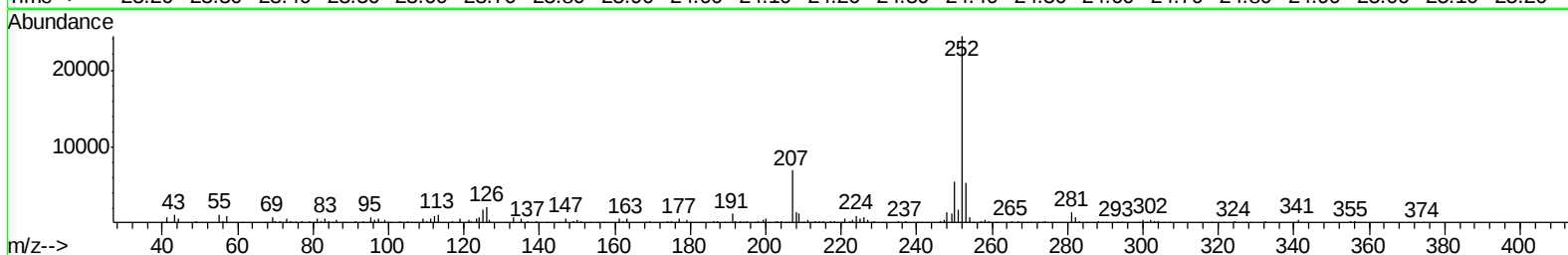
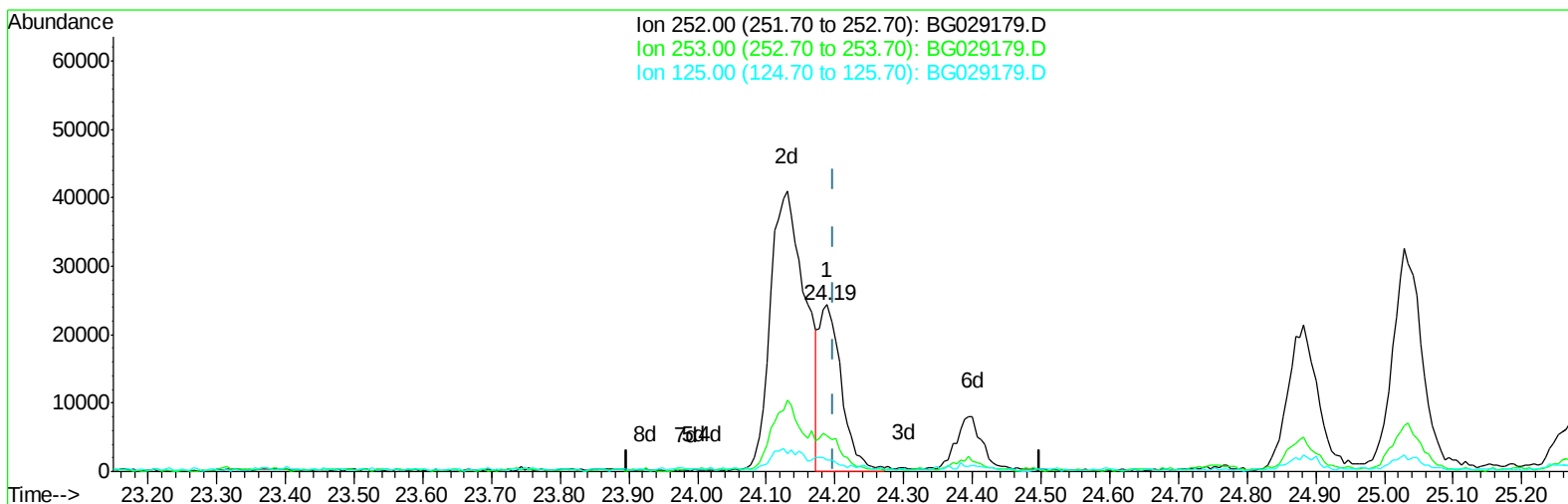
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TIC: BG029179.D

(25) Benzo(k)fluoranthene

24.189min (-0.010) 2.30ng/ul m

response 55467

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.00 | 21.73 |
| 125.00 | 6.40  | 7.28  |
| 0.00   | 0.00  | 0.00  |

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 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB3H1

Manual Integrations  
 APPROVED

Sohil  
 10/13/2017 12:08:15 PM

Quant Time: Oct 12 09:53:21 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   | 8.22  | 152  | 53811    | 20.00 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.03 | 136  | 232059   | 20.00 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.83 | 164  | 158281   | 20.00 | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.56 | 188  | 367531   | 20.00 | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.85 | 240  | 394166   | 20.00 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 25.19 | 264  | 396954   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 3) 2,4-Dichlorophenol-d3    | 10.64 | 165  | 87238    | 19.67 | ng/ul  | 0.00     |
| 7) Acenaphthylene-d8        | 14.53 | 160  | 338962   | 21.36 | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.81 | 176  | 248359   | 19.95 | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 17.66 | 188  | 370892   | 20.42 | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.93 | 212  | 441930   | 21.34 | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.96 | 264  | 411389   | 20.72 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 4) Naphthalene              | 11.08 | 128  | 13081    | 1.07  | ng/ul  | 97       |
| 9) Acenaphthene             | 14.89 | 153  | 20418    | 1.91  | ng/ul  | 91       |
| 11) Fluorene                | 15.87 | 166  | 21033    | 1.71  | ng/ul# | 98       |
| 14) Phenanthrene            | 17.60 | 178  | 207049   | 10.40 | ng/ul  | 99       |
| 16) Anthracene              | 17.70 | 178  | 47800    | 2.34  | ng/ul  | 97       |
| 17) Fluoranthene            | 19.60 | 202  | 269971   | 11.52 | ng/ul  | 98       |
| 20) Pyrene                  | 19.96 | 202  | 215939   | 9.04  | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.82 | 228  | 125205   | 5.21  | ng/ul  | 99       |
| 22) Chrysene                | 21.89 | 228  | 120689   | 5.57  | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 24.13 | 252  | 144717   | 5.92  | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 24.19 | 252  | 55467m   | 2.30  | ng/ul  |          |
| 27) Benzo(a)pyrene          | 25.03 | 252  | 95849    | 4.02  | ng/ul  | 97       |
| 28) Indeno(1,2,3-cd)pyrene  | 29.02 | 276  | 43915    | 1.93  | ng/ul# | 84       |
| 30) Benzo(a,h,i)perylene    | 30.21 | 276  | 30370    | 1.91  | ng/ul  | 96       |

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

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ClientSampled :  
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