

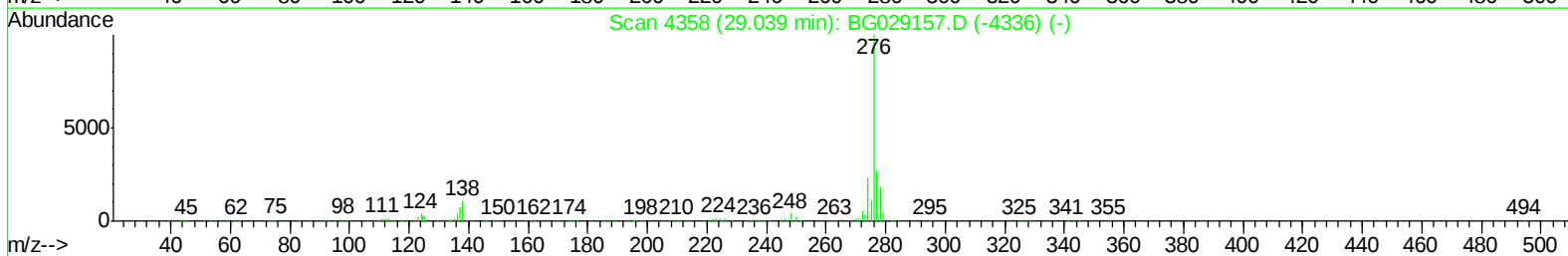
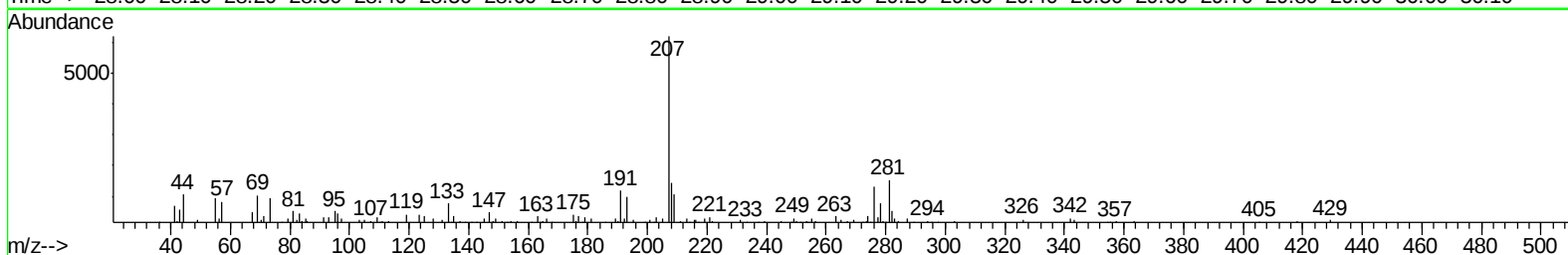
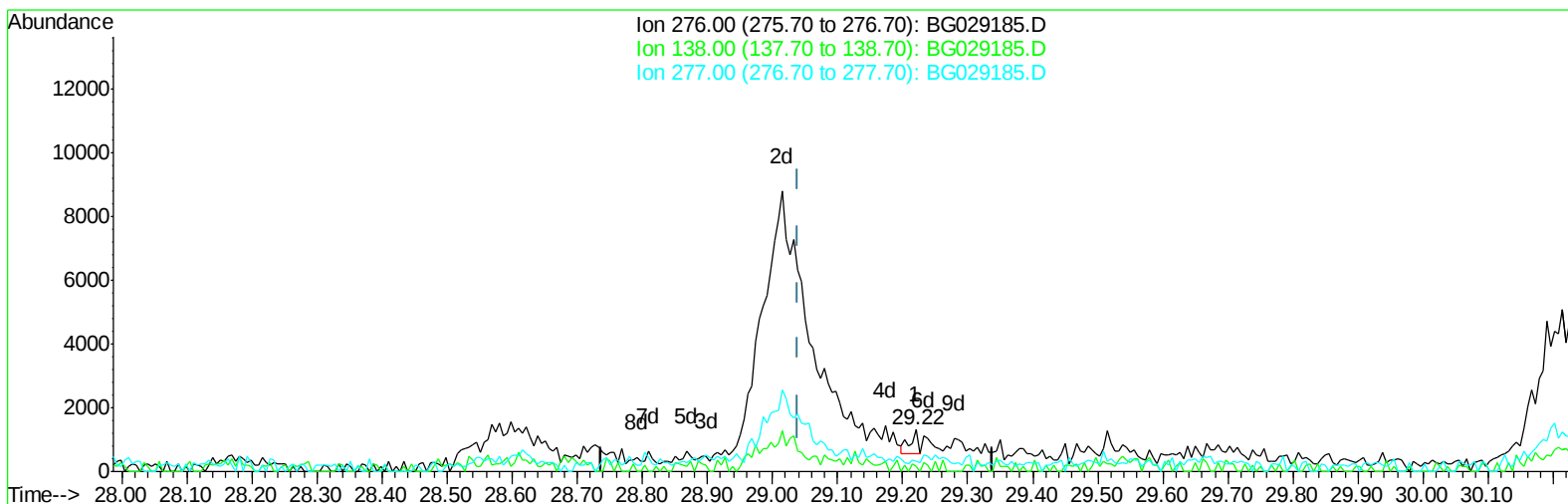
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\  
 Data File : BG029185.D  
 Acq On : 12 Oct 2017 4:02  
 Operator : SJ/JU  
 Sample : I5669-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB3H9

Manual Integrations  
 APPROVED

Sohil  
 10/13/2017 12:08:24 PM

Quant Time: Oct 12 08:55:14 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: BG029185.D

(28) Indeno(1,2,3-cd)pyrene

29.221min (+0.182) 0.03ng/ul

response 615

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 11.90 | 13.01 |
| 277.00 | 22.60 | 23.67 |
| 0.00   | 0.00  | 0.00  |

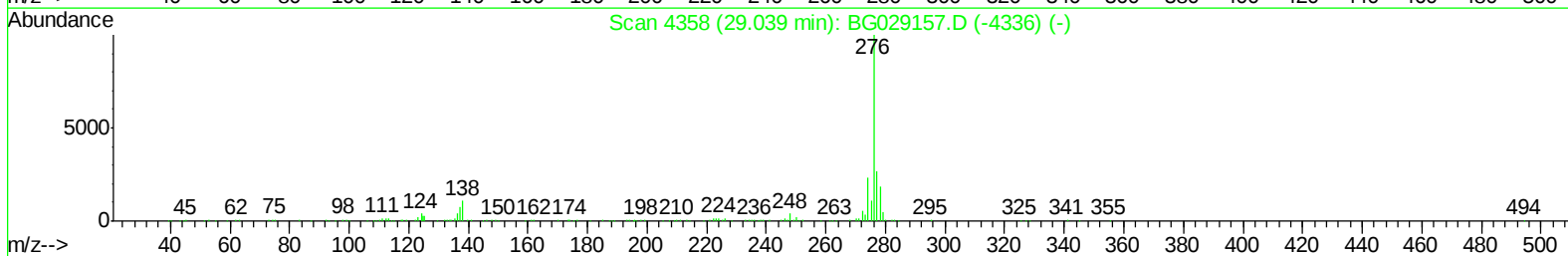
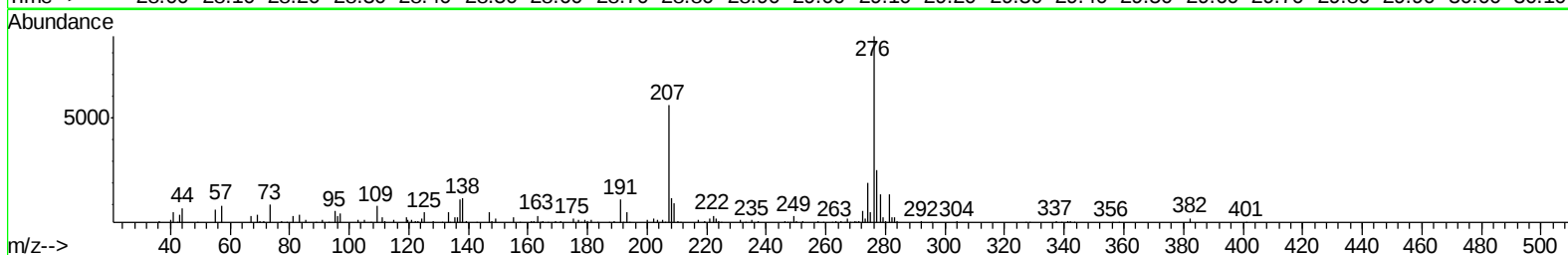
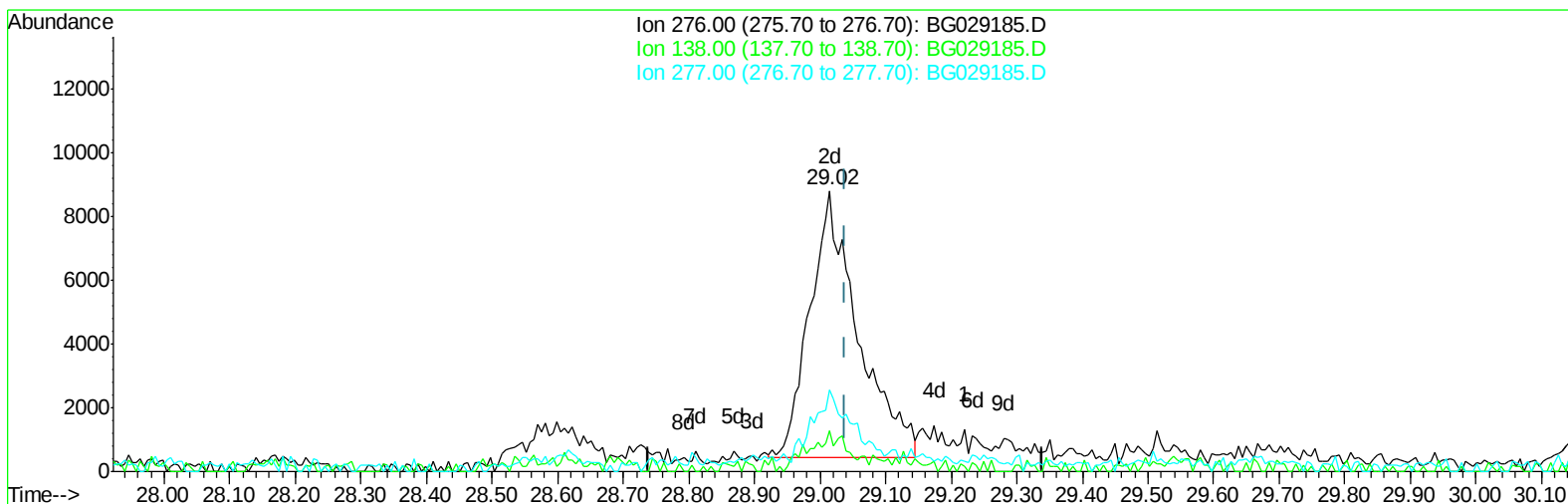
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Manual Integrations  
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QLast Update : Wed Oct 11 04:24:22 2017  
Response via : Initial Calibration



TIC: BG029185.D

(28) Indeno(1,2,3-cd)pyrene

29.015min (-0.024) 1.75ng/ul m

response 42495

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 11.90 | 14.45# |
| 277.00 | 22.60 | 29.09# |
| 0.00   | 0.00  | 0.00   |

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 Operator : SJ/JU  
 Sample : I5669-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB3H9

Manual Integrations  
 APPROVED

Sohil  
 10/13/2017 12:08:24 PM

Quant Time: Oct 12 10:11:00 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  | 53109    | 20.00 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.03 | 136  | 299626   | 20.00 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.82 | 164  | 193933   | 20.00 | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.56 | 188  | 352324   | 20.00 | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.84 | 240  | 382372   | 20.00 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 25.19 | 264  | 424484   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 3) 2,4-Dichlorophenol-d3    | 10.64 | 165  | 86857    | 15.16 | ng/ul  | 0.00     |
| 7) Acenaphthylene-d8        | 14.52 | 160  | 377772   | 19.43 | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.81 | 176  | 270926   | 17.76 | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 17.66 | 188  | 332836   | 19.11 | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.93 | 212  | 400191   | 19.92 | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.95 | 264  | 401546   | 18.91 | ng/ul  | -0.01    |
| Target Compounds            |       |      |          |       |        |          |
| 14) Phenanthrene            | 17.61 | 178  | 112962   | 5.92  | ng/ul  | 97       |
| 16) Anthracene              | 17.70 | 178  | 21768    | 1.11  | ng/ul  | 97       |
| 17) Fluoranthene            | 19.60 | 202  | 203104   | 9.04  | ng/ul  | 99       |
| 20) Pyrene                  | 19.96 | 202  | 170297   | 7.35  | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.82 | 228  | 104402   | 4.48  | ng/ul  | 99       |
| 22) Chrysene                | 21.89 | 228  | 96712    | 4.60  | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 24.13 | 252  | 140552   | 5.37  | ng/ul# | 97       |
| 25) Benzo(k)fluoranthene    | 24.18 | 252  | 50380    | 1.96  | ng/ul# | 92       |
| 27) Benzo(a)pyrene          | 25.03 | 252  | 90099    | 3.53  | ng/ul# | 96       |
| 28) Indeno(1,2,3-cd)pyrene  | 29.02 | 276  | 42495m   | 1.75  | ng/ul  |          |
| 30) Benzo(g,h,i)perylene    | 30.21 | 276  | 28211    | 1.66  | ng/ul  | 96       |

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

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