

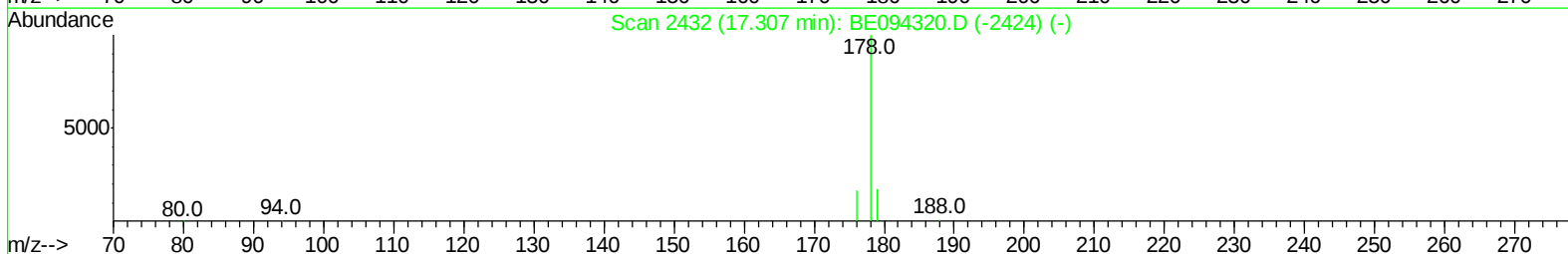
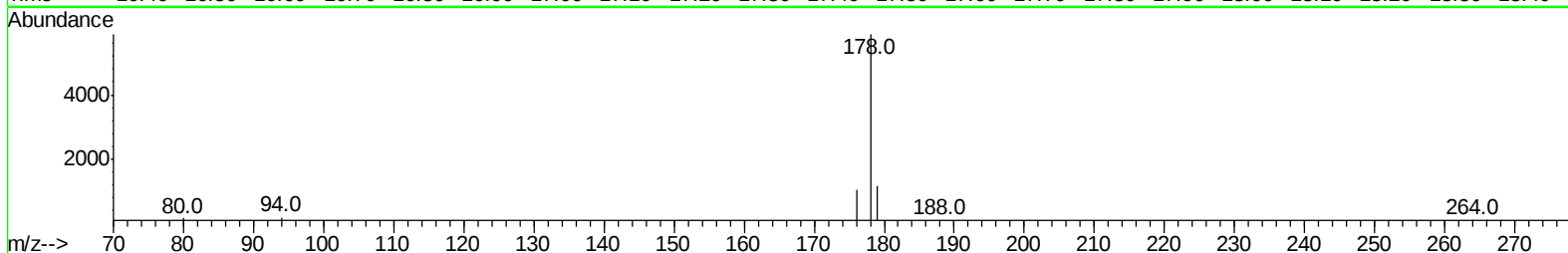
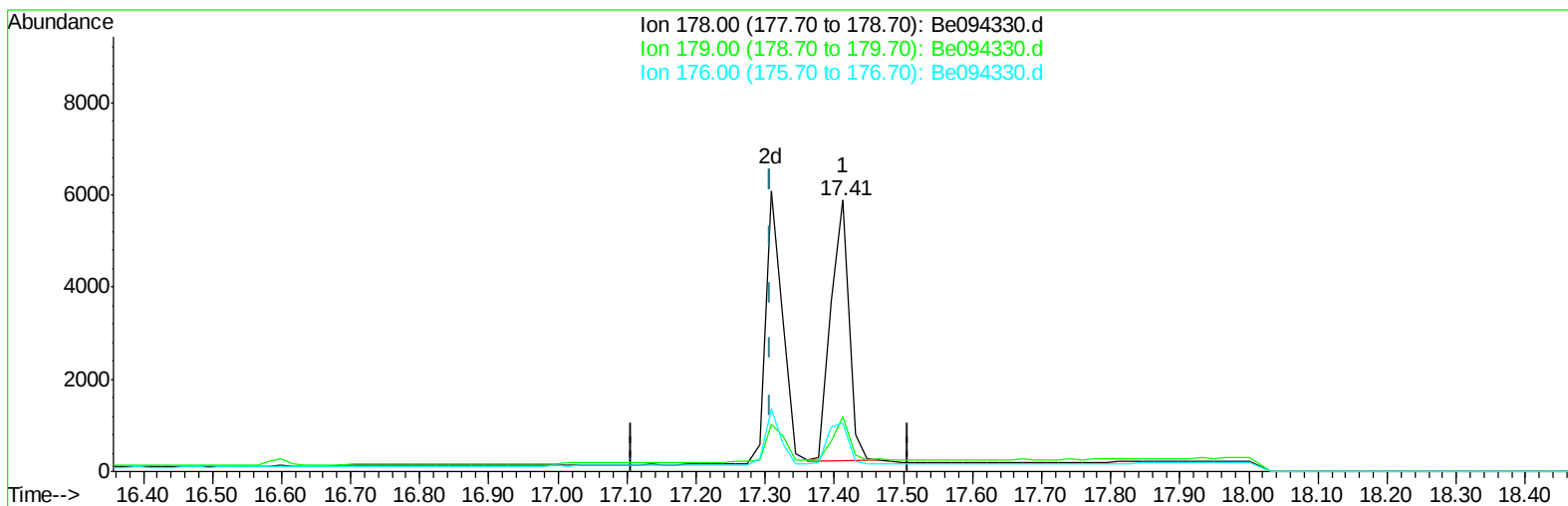
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\  
Data File : Be094330.d  
Acq On : 13 Oct 2017 18:45  
Operator : SJ/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_E  
LabSampleId :  
SSTD0.434

Manual Integrations  
APPROVED

Sohil  
10/16/2017 8:22:51 PM

Quant Time: Oct 14 02:19:41 2017  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Oct 14 02:15:10 2017  
Response via : Initial Calibration



TIC: Be094330.d

(12) Phenanthrene

17.412min (+0.105) 0.41ng/ul

response 10243

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 23.00 | 20.02 |
| 176.00 | 17.00 | 17.91 |
| 0.00   | 0.00  | 0.00  |

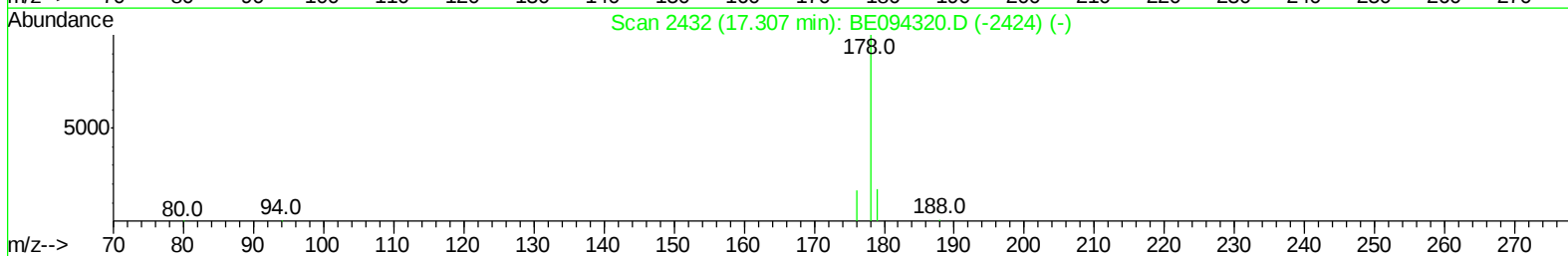
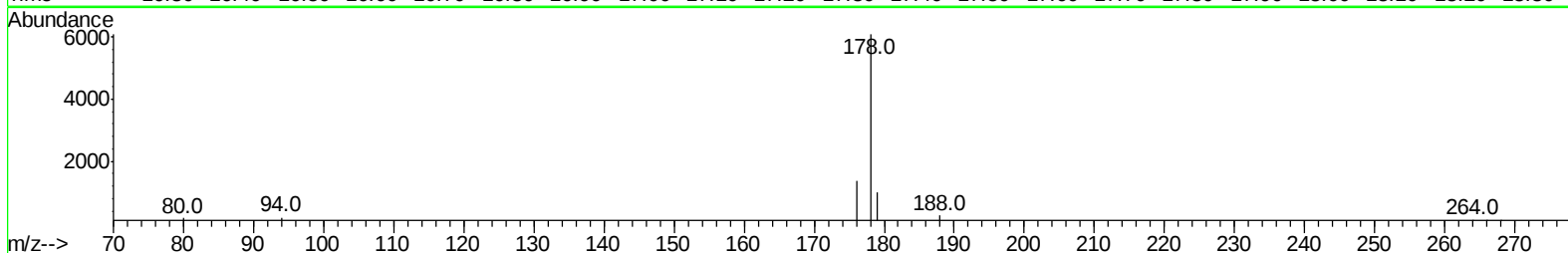
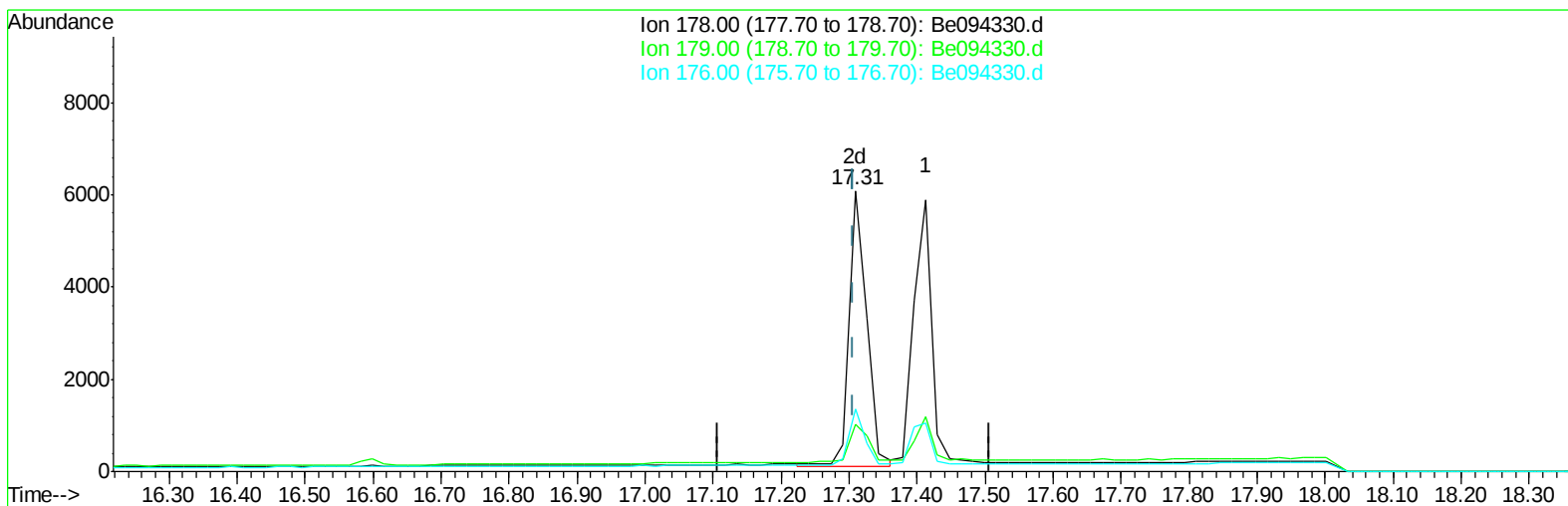
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TIC: Be094330.d

(12) Phenanthrene

17.309min (+0.001) 0.42ng/ul m

response 10550

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 16.69# |
| 176.00 | 17.00 | 22.46# |
| 0.00   | 0.00  | 0.00   |

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 Data File : Be094330.d  
 Acq On : 13 Oct 2017 18:45  
 Operator : SJ/JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDC0.434

Manual Integrations  
 APPROVED

Sohil  
 10/16/2017 8:22:51 PM

Quant Time: Oct 14 03:54:13 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 14 02:15:10 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.93  | 152  | 1584     | 0.40  | ng/ul  | 0.01     |
| 2) Naphthalene-d8           | 10.71 | 136  | 8026     | 0.40  | ng/ul  | 0.01     |
| 6) Acenaphthene-d10         | 14.54 | 164  | 4404     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.27 | 188  | 9668     | 0.40  | ng/ul  | 0.02     |
| 16) Chrysene-d12            | 21.44 | 240  | 9460     | 0.40  | ng/ul  | 0.01     |
| 20) Perylene-d12            | 23.98 | 264  | 9245     | 0.40  | ng/ul  | 0.02     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.30 | 152  | 5047     | 0.41  | ng/ul  | 0.01     |
| 14) Fluoranthene-d10        | 19.30 | 212  | 11699    | 0.36  | ng/ul  | 0.01     |
| Target Compounds            |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 10.77 | 128  | 7757     | 0.395 | ng/ul# | 93       |
| 5) 2-Methylnaphthalene      | 12.37 | 142  | 5359     | 0.420 | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.26 | 152  | 8406     | 0.490 | ng/ul  | 97       |
| 8) Acenaphthene             | 14.60 | 153  | 5661     | 0.400 | ng/ul  | 98       |
| 9) Fluorene                 | 15.59 | 166  | 6576     | 0.397 | ng/ul  | 94       |
| 11) Pentachlorophenol       | 16.96 | 266  | 332      | 0.293 | ng/ul  | 91       |
| 12) Phenanthrene            | 17.31 | 178  | 10550m   | 0.418 | ng/ul  |          |
| 13) Anthracene              | 17.41 | 178  | 10564    | 0.430 | ng/ul  | 97       |
| 15) Fluoranthene            | 19.33 | 202  | 12049    | 0.363 | ng/ul  | 84       |
| 17) Pyrene                  | 19.69 | 202  | 12732    | 0.484 | ng/ul# | 84       |
| 18) Benzo(a)anthracene      | 21.42 | 228  | 11413    | 0.455 | ng/ul# | 73       |
| 19) Chrysene                | 21.48 | 228  | 10562    | 0.364 | ng/ul# | 69       |
| 21) Benzo(b)fluoranthene    | 23.20 | 252  | 10955    | 0.436 | ng/ul# | 45       |
| 22) Benzo(k)fluoranthene    | 23.25 | 252  | 10684    | 0.368 | ng/ul# | 39       |
| 23) Benzo(a)pyrene          | 23.87 | 252  | 10570    | 0.405 | ng/ul# | 46       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.68 | 276  | 11864    | 0.444 | ng/ul# | 89       |
| 25) Dibenzo(a,h)anthracene  | 26.69 | 278  | 10016    | 0.447 | ng/ul# | 46       |
| 26) Benzo(g,h,i)perylene    | 27.53 | 276  | 9977     | 0.433 | ng/ul# | 53       |

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

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