

# Quantitation Report (QT Reviewed)

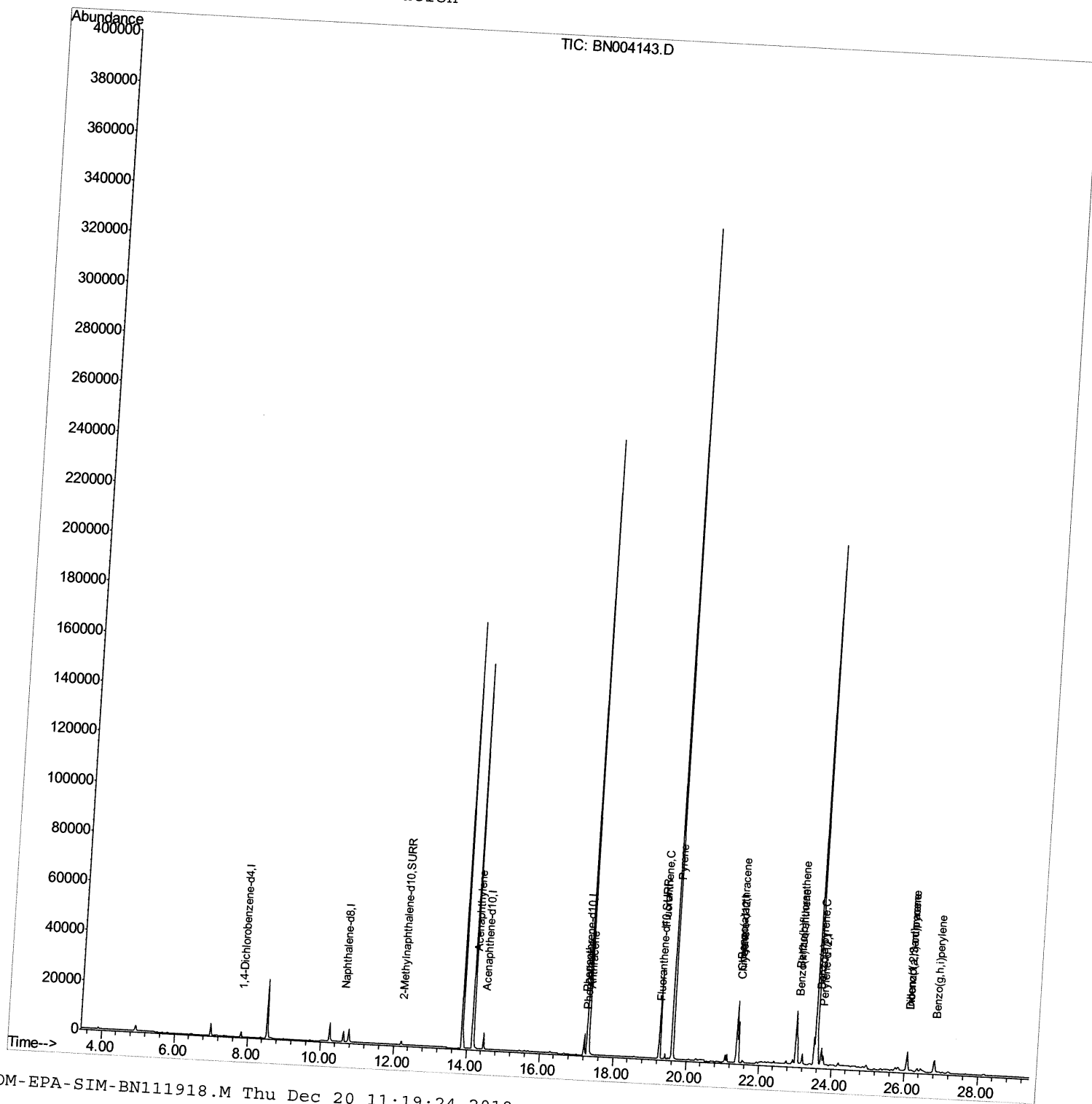
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\  
 Data File : BN004143.D  
 Acq On : 20 Dec 2018 08:30  
 Operator : JU/SJ  
 Sample : J6299-04  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 F9F23

Manual Integrations  
 APPROVED

Sohil  
 12/20/2018 2:04:17 PM

Quant Time: Dec 20 11:21:05 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 20 07:15:48 2018  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

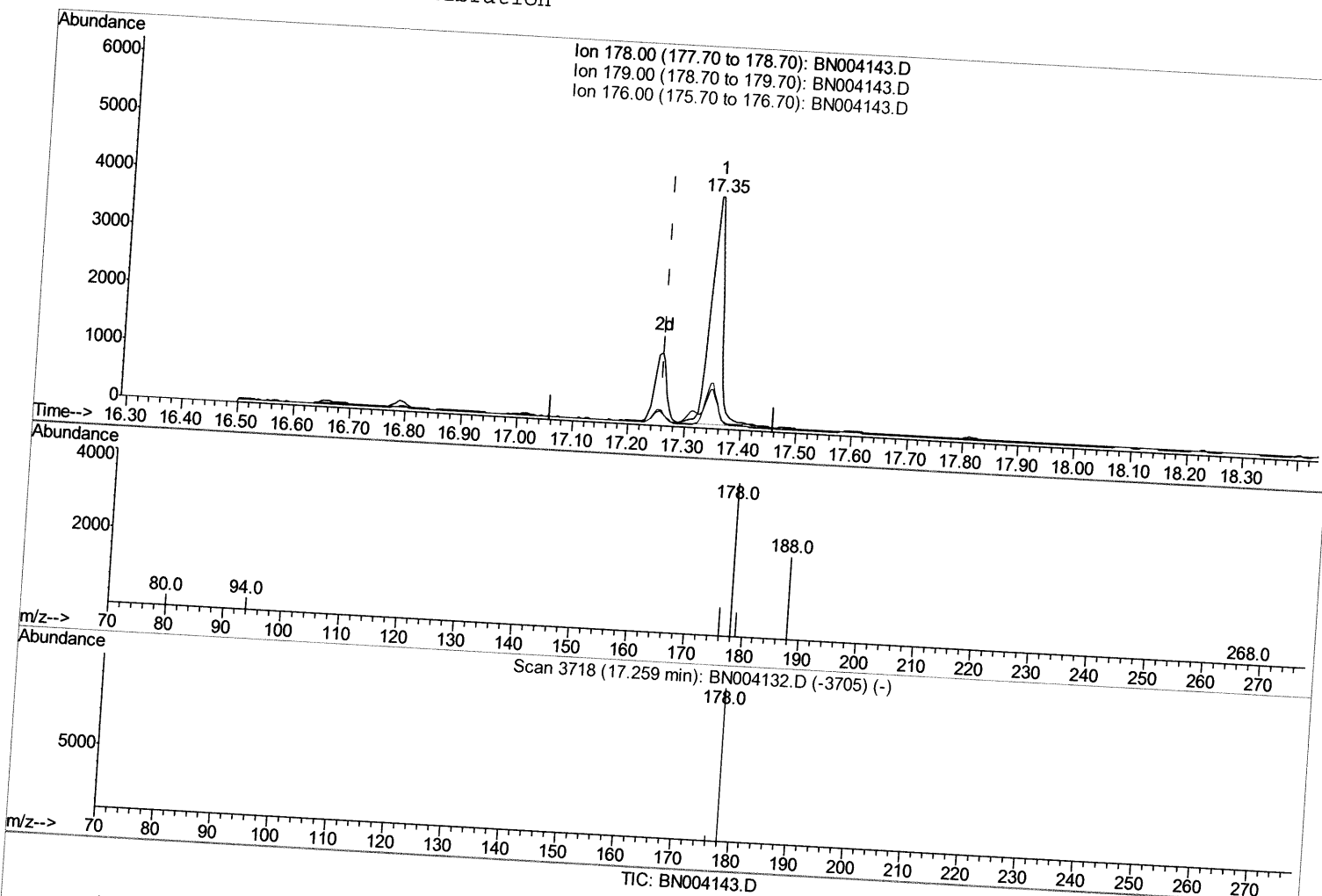
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(12) Phenanthrene

17.348min (+0.089) 0.20ng/ul

response 6064

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 15.60 | 16.94 |
| 176.00 | 18.70 | 19.56 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

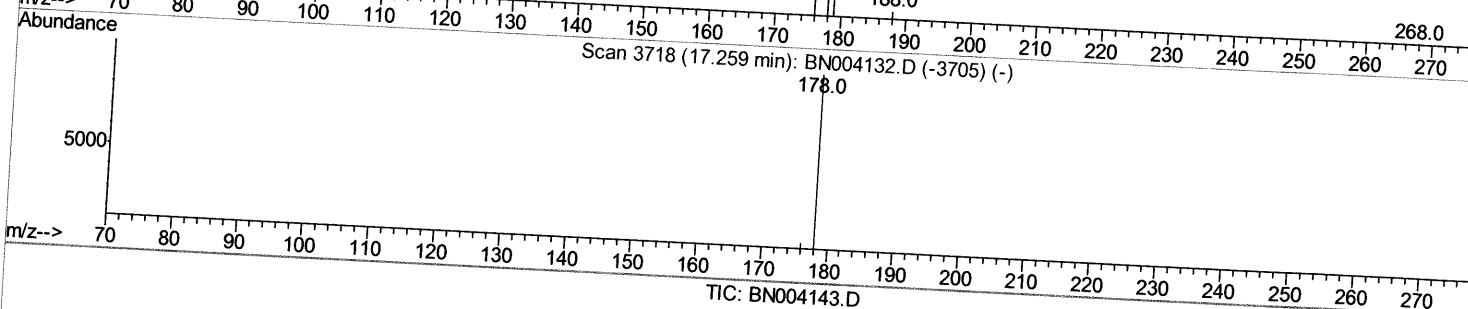
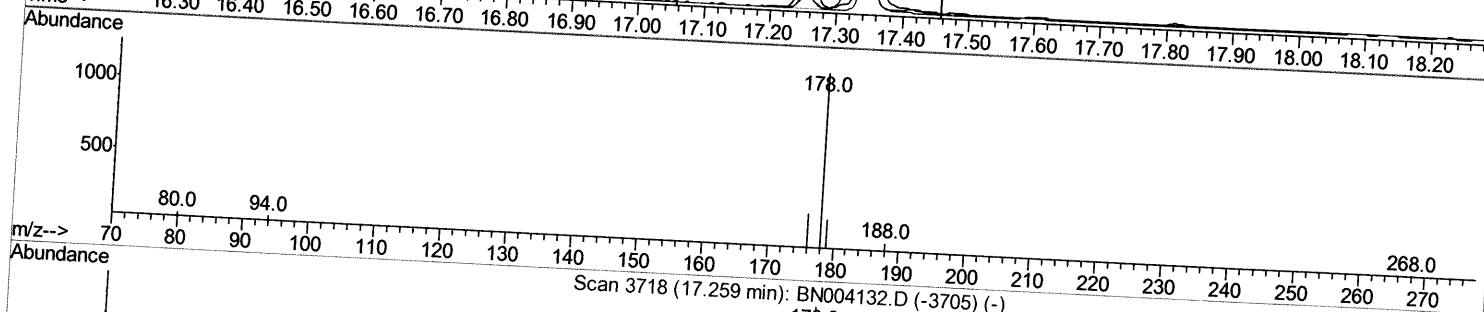
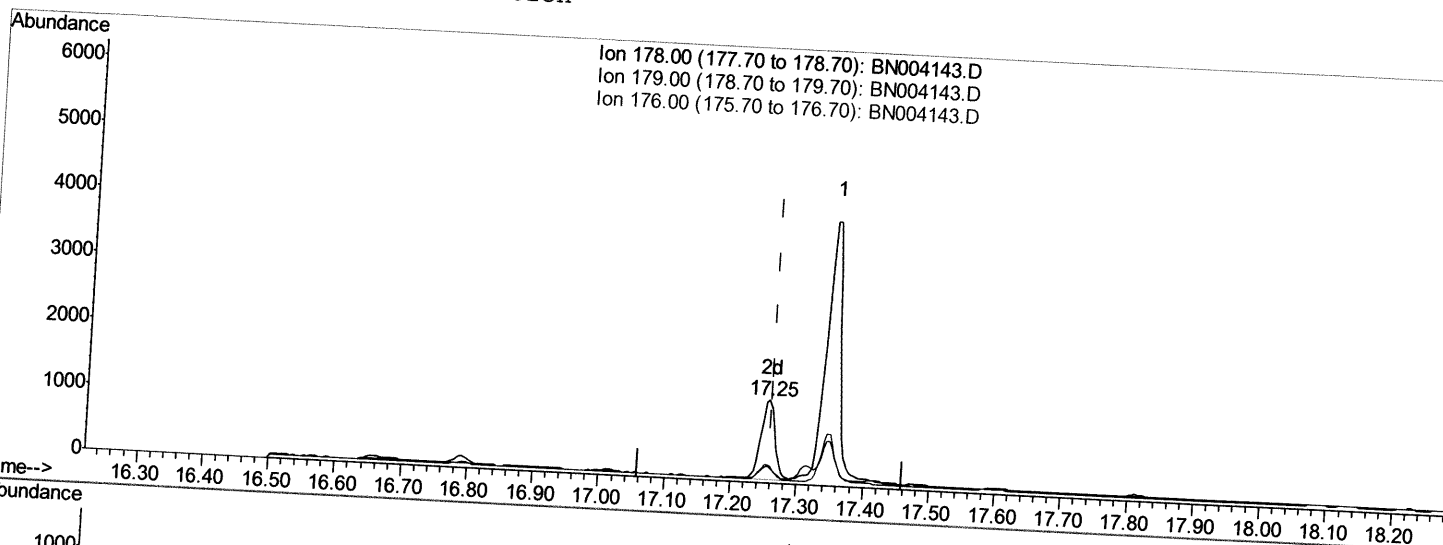
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(12) Phenanthrene

17.255min (-0.004) 0.06ng/ul m >

response 1735

SJ  
 12/20/18

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 15.60 | 19.70# |
| 176.00 | 18.70 | 22.09  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

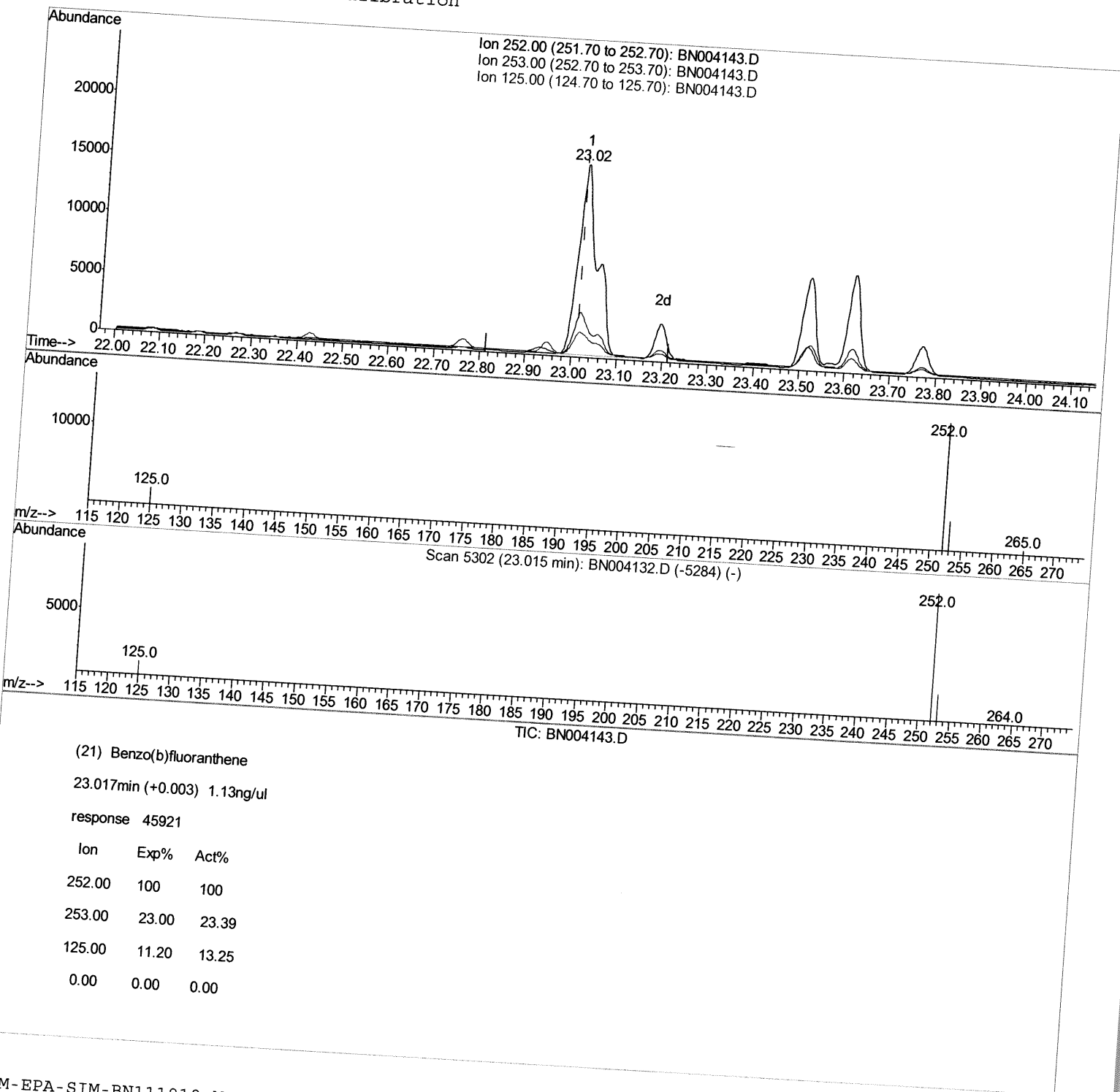
Instrument :  
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ClientSampled :  
F9F23

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Sample : J6299-04  
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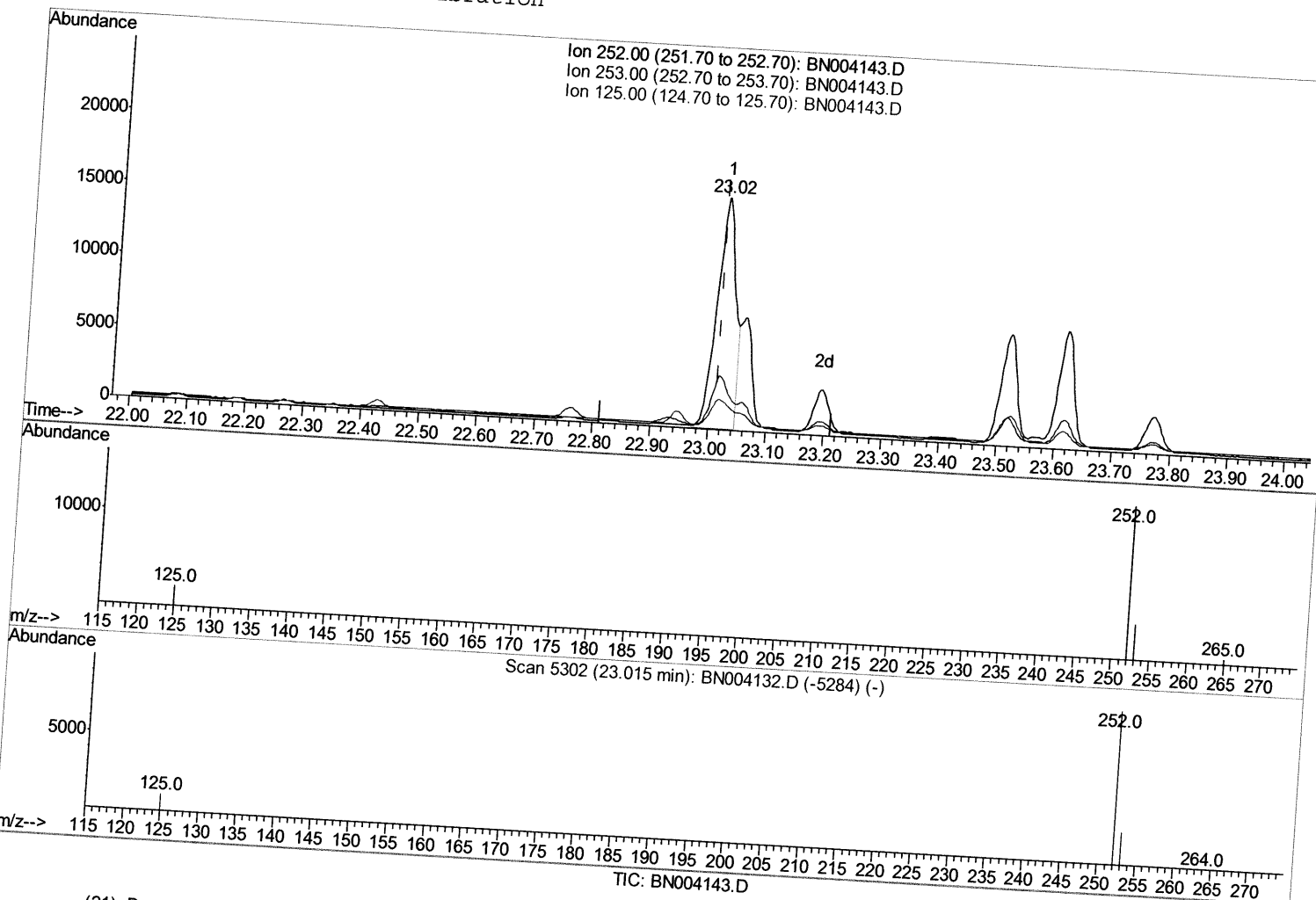
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(21) Benzo(b)fluoranthene

23.017min (+0.003) 0.86ng/ul m >  $\frac{SJ}{12/20/18}$   
 response 34800

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.00 | 23.39 |
| 125.00 | 11.20 | 13.25 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

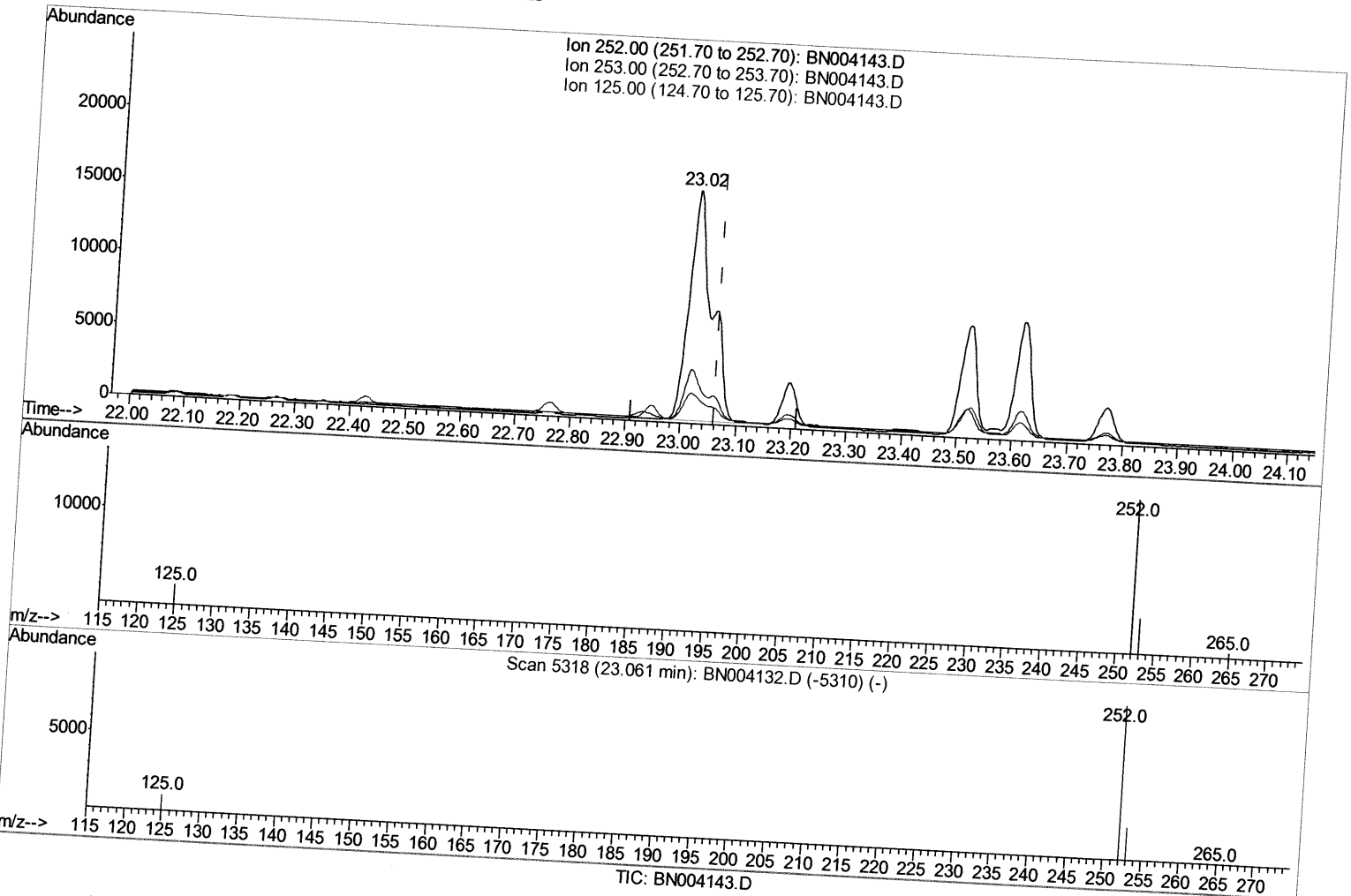
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\  
 Data File : BN004143.D  
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 Sample : J6299-04  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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(22) Benzo(k)fluoranthene

23.017min (-0.044) 1.16ng/ul

response 45912

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.10 | 23.39 |
| 125.00 | 11.30 | 13.25 |
| 0.00   | 0.00  | 0.00  |

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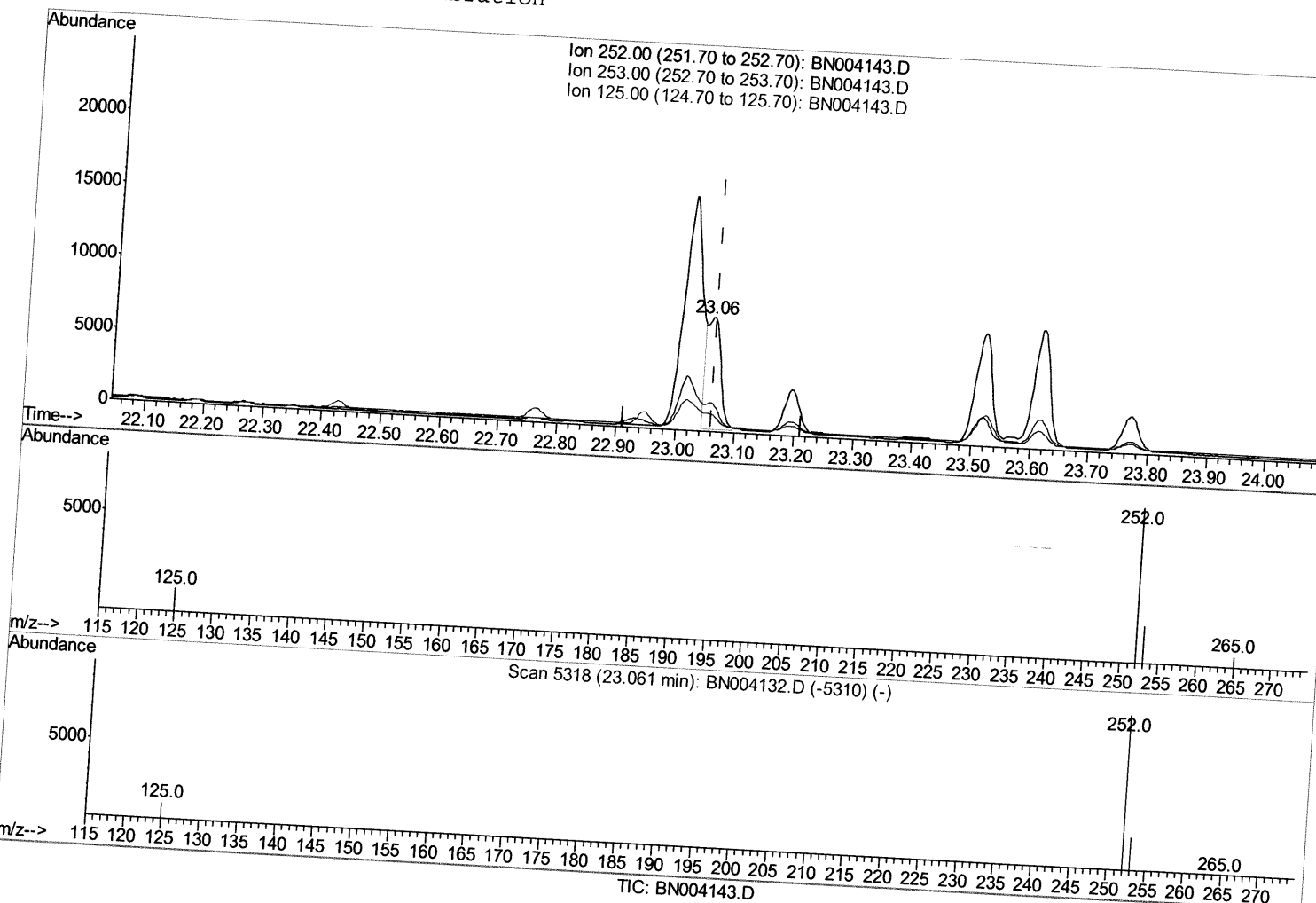
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\  
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 Operator : JU/SJ  
 Sample : J6299-04  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
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(22) Benzo(k)fluoranthene

23.055min (-0.006) 0.32ng/ul m

response 12730

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.10 | 25.15  |
| 125.00 | 11.30 | 15.82# |
| 0.00   | 0.00  | 0.00   |

> SJ  
 12/20/18

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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.83  | 152  | 1103     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.63 | 136  | 5886     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.47 | 164  | 3659     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.21 | 188  | 9408     | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.40 | 240  | 10083    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.72 | 264  | 9809     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.22 | 152  | 2032     | 0.22  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.24 | 212  | 6393     | 0.23  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 7) Acenaphthylene           | 14.19 | 152  | 6311     | 0.383 | ng/ul  | 98       |
| 12) Phenanthrene            | 17.25 | 178  | 1735m    | 0.056 | ng/ul  |          |
| 13) Anthracene              | 17.35 | 178  | 6051     | 0.238 | ng/ul  | 97       |
| 15) Fluoranthene            | 19.27 | 202  | 29548    | 0.810 | ng/ul  | 97       |
| 17) Pyrene                  | 19.63 | 202  | 30733    | 0.850 | ng/ul  | 95       |
| 18) Benzo(a)anthracene      | 21.38 | 228  | 19959    | 0.627 | ng/ul  | 97       |
| 19) Chrysene                | 21.43 | 228  | 20218    | 0.555 | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 23.02 | 252  | 34800m   | 0.858 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.06 | 252  | 12730m   | 0.322 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.62 | 252  | 15078    | 0.429 | ng/ul  | 96       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.08 | 276  | 13198    | 0.328 | ng/ul  | 95       |
| 25) Dibenzo(a,h)anthracene  | 26.08 | 278  | 3612     | 0.111 | ng/ul# | 76       |
| 26) Benzo(g,h,i)perylene    | 26.81 | 276  | 10185    | 0.291 | ng/ul# | 93       |

Ovalue

55  
 12/20/18

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