

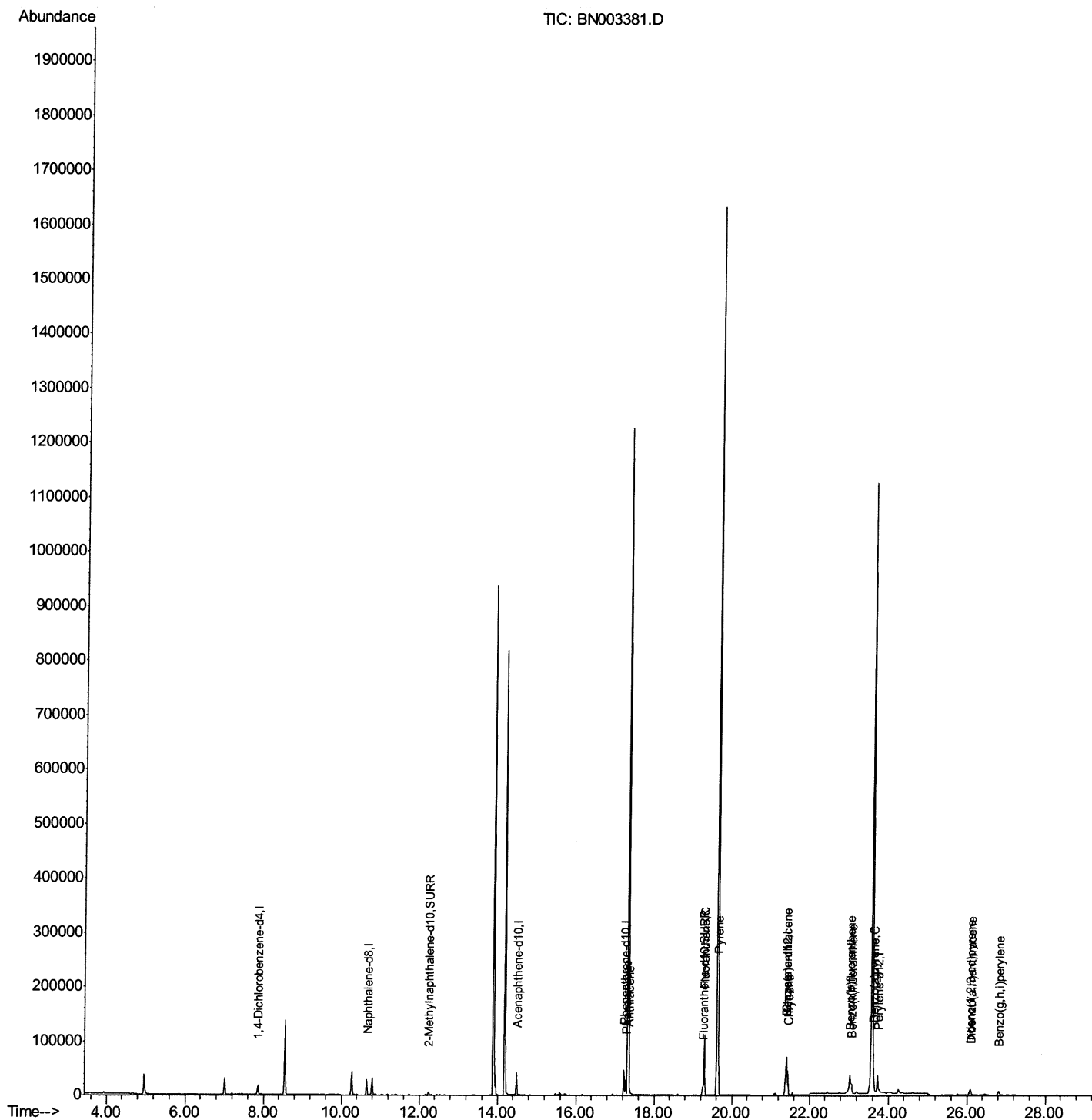
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110118\  
Data File : BN003381.D  
Acq On : 01 Nov 2018 16:38  
Operator : MJ/SJ  
Sample : J5701-19  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40K4

Manual Integrations  
APPROVED

Sohil  
11/2/2018 4:13:58 PM

Quant Time: Nov 01 17:55:28 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN110118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 01 13:18:49 2018  
Response via : Initial Calibration



# Quantitation Report (Qedit)

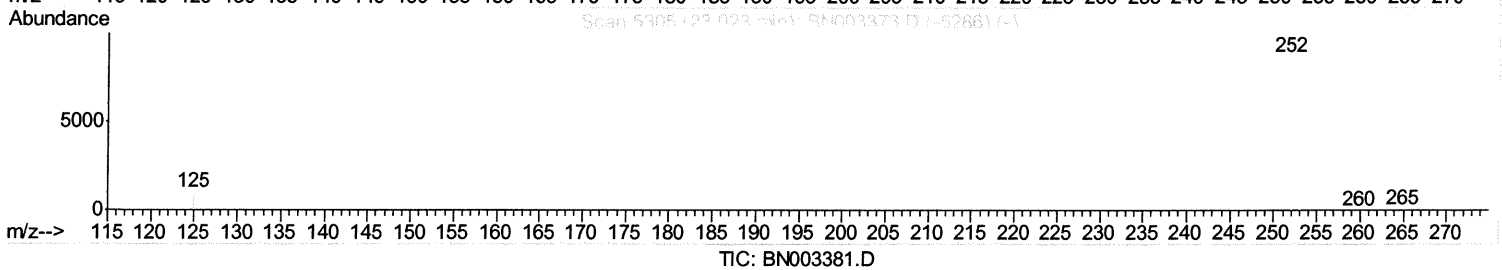
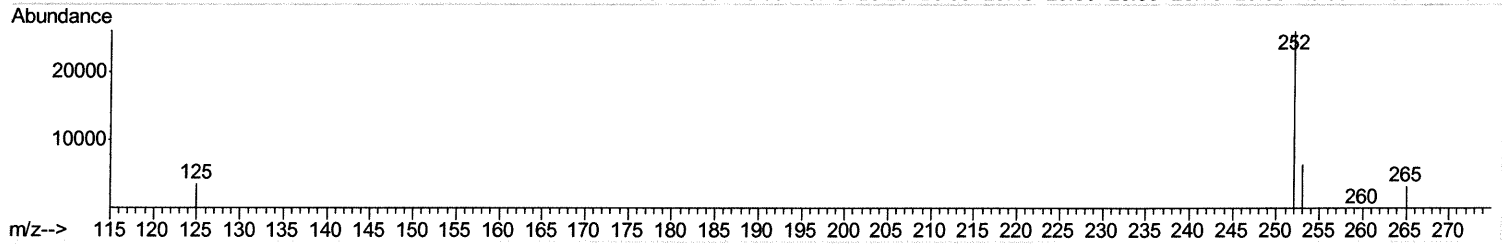
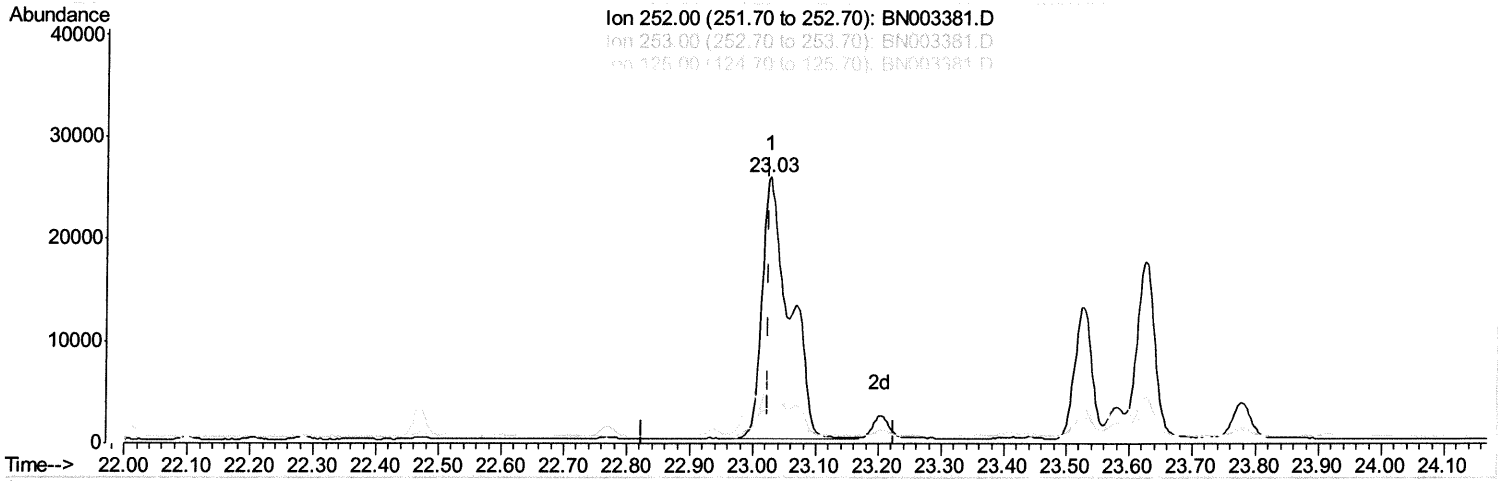
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Quant Time: Nov 01 17:52:22 2018  
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(21) Benzo(b)fluoranthene

23.026min (+0.003) 0.37ng/ul

response 77900

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.80 | 25.04 |
| 125.00 | 10.90 | 13.70 |
| 0.00   | 0.00  | 0.00  |

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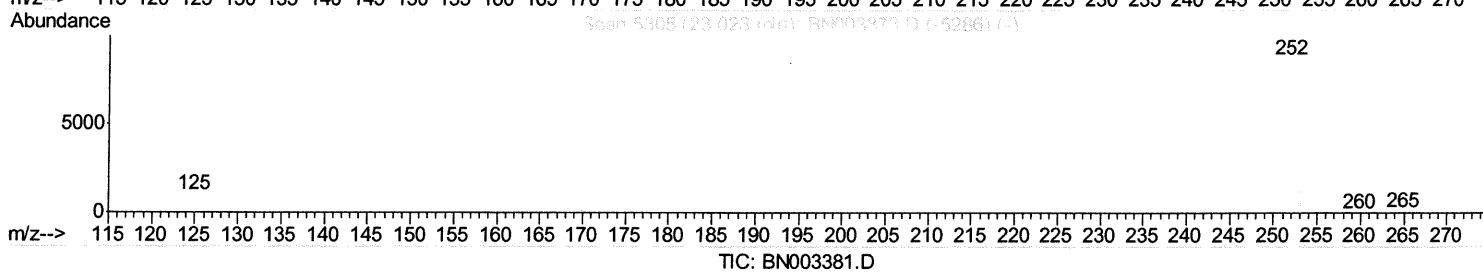
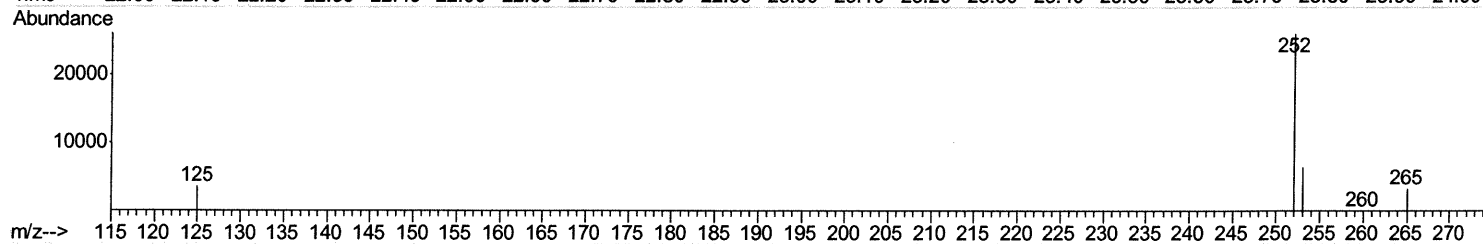
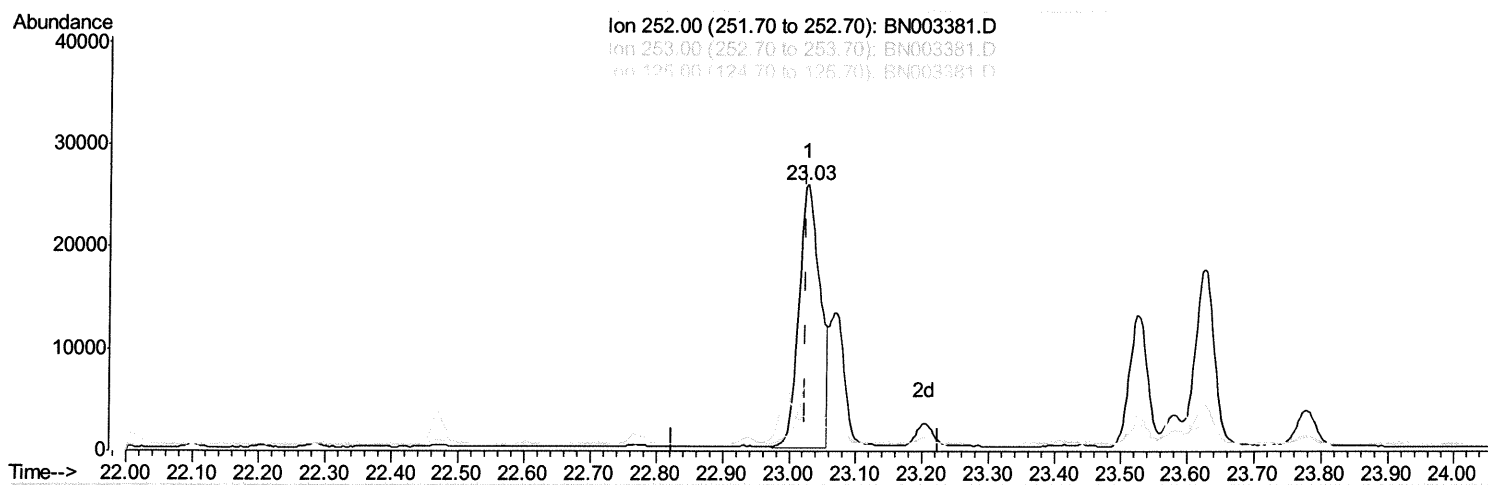
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(21) Benzo(b)fluoranthene

23.026min (+0.003) 0.27ng/ul m

response 56916

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.80 | 25.04 |
| 125.00 | 10.90 | 13.70 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

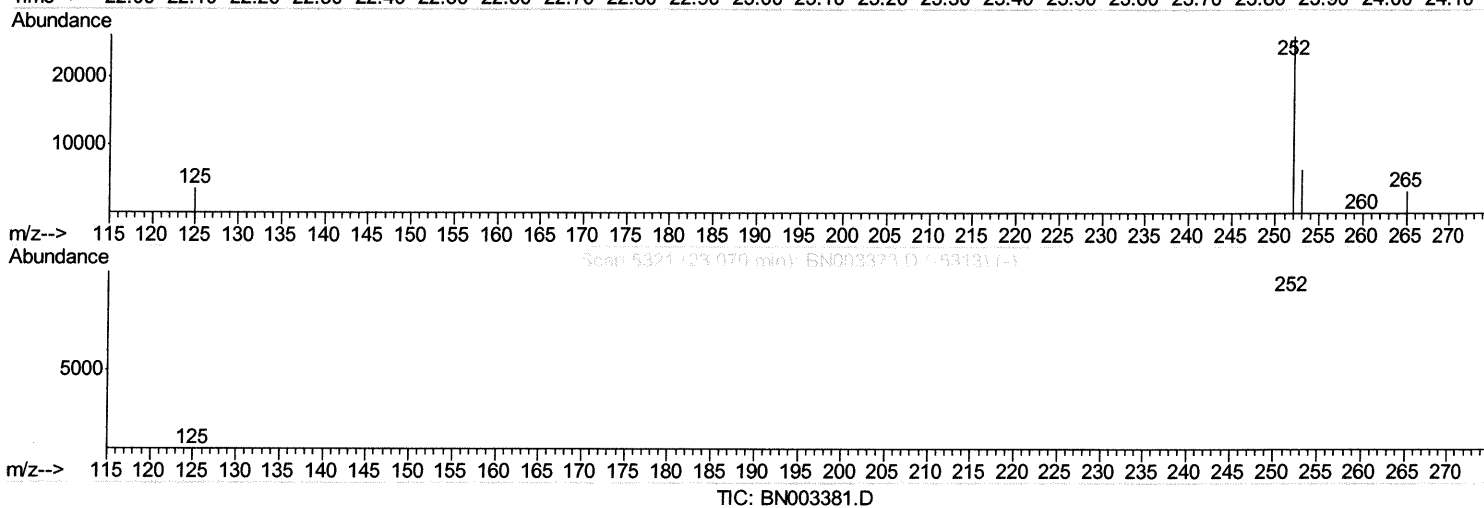
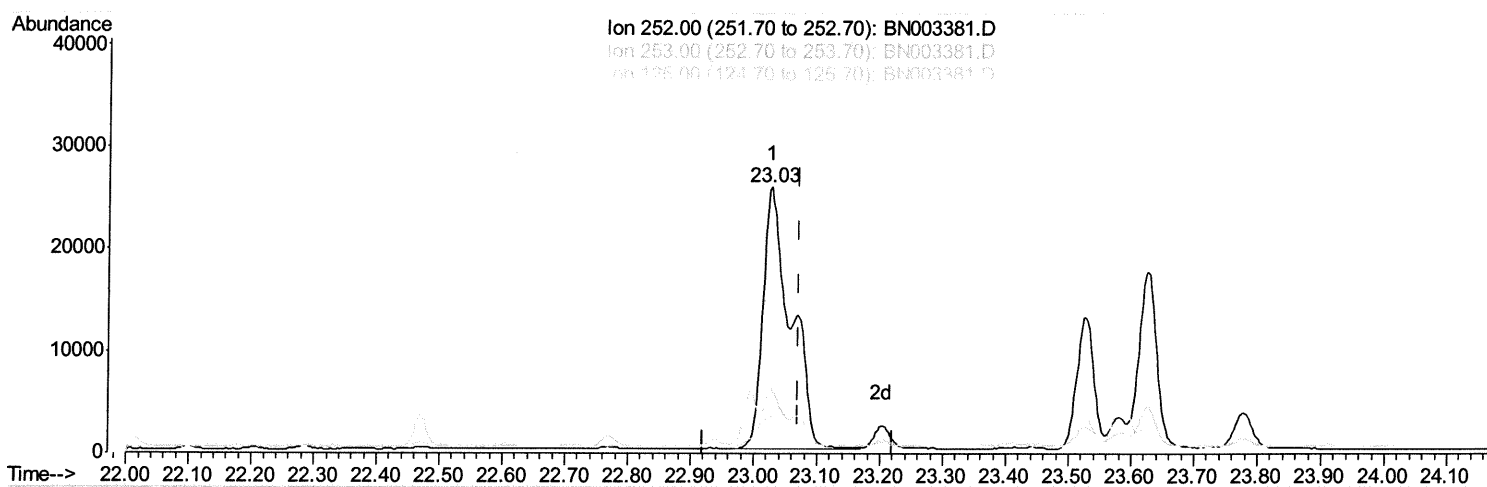
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN110118\  
Data File : BN003381.D  
Acq On : 01 Nov 2018 16:38  
Operator : MJ/SJ  
Sample : J5701-19  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A40K4

Manual Integrations  
APPROVED

Sohil  
11/2/2018 4:13:58 PM

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(22) Benzo(k)fluoranthene

23.026min (-0.044) 0.39ng/ul

response 77900

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.80 | 25.04  |
| 125.00 | 10.80 | 13.70# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

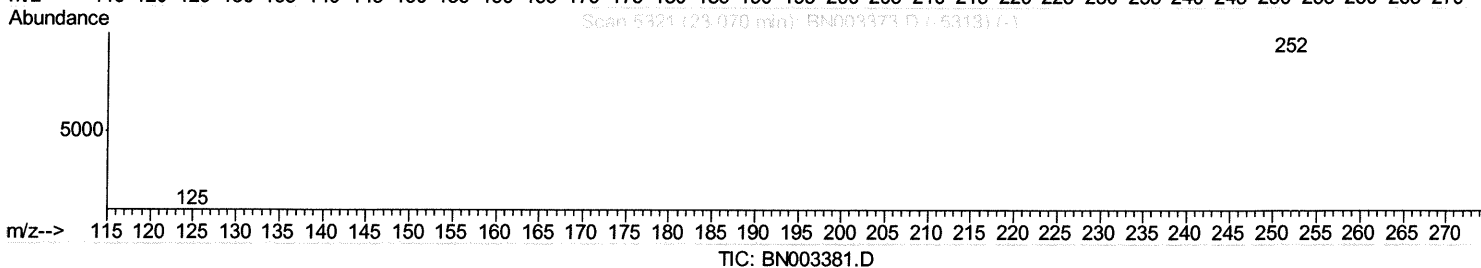
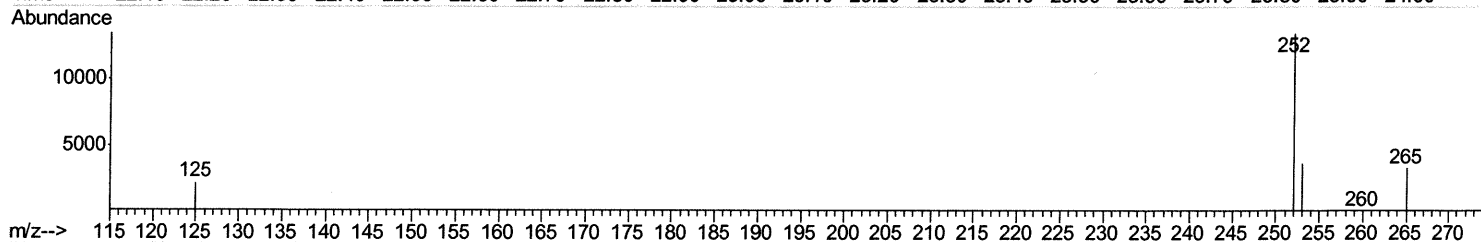
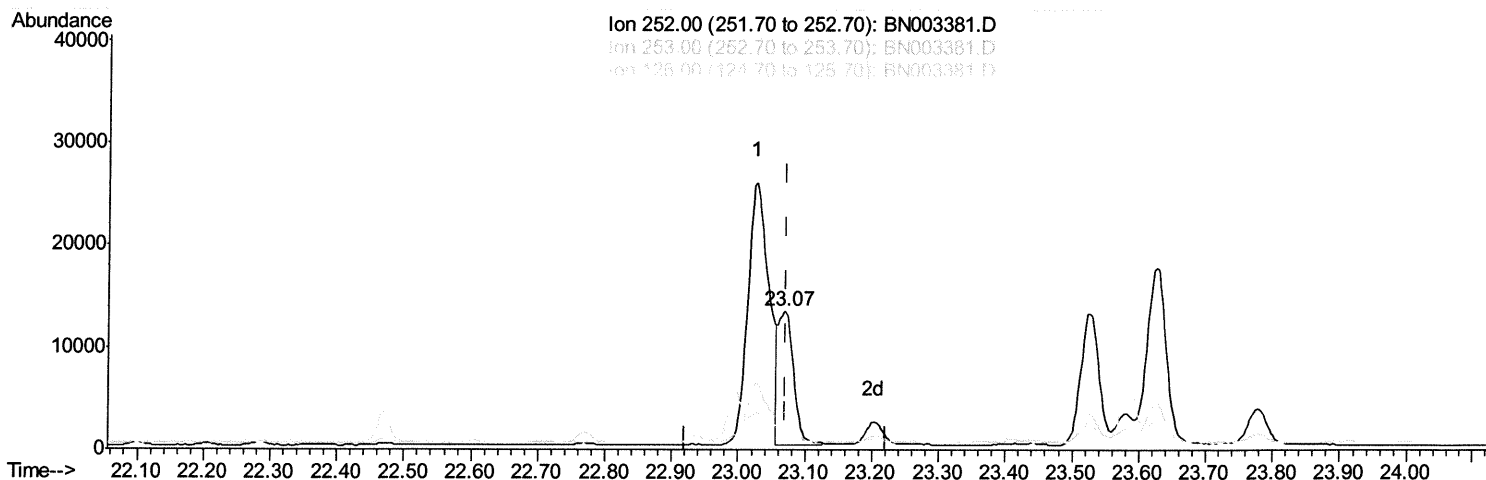
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Instrument :  
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Manual Integrations  
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 11/2/2018 4:13:58 PM

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(22) Benzo(k)fluoranthene

23.070min (0.000) 0.10ng/ul m

response 21097

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.80 | 27.13  |
| 125.00 | 10.80 | 15.76# |
| 0.00   | 0.00  | 0.00   |

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 Operator : MJ/SJ  
 Sample : J5701-19  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.86  | 152  | 9446     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.65 | 136  | 38081    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.49 | 164  | 22511    | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.23 | 188  | 53444    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.41 | 240  | 52434    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.73 | 264  | 48328    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.24 | 152  | 7738     | 0.13 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.26 | 212  | 21248    | 0.14 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 12) Phenanthrene           | 17.27 | 178  | 30864    | 0.176 | ng/ul  | 99     |
| 13) Anthracene             | 17.36 | 178  | 6013     | 0.042 | ng/ul  | 95     |
| 15) Fluoranthene           | 19.29 | 202  | 96473    | 0.490 | ng/ul  | 99     |
| 17) Pyrene                 | 19.65 | 202  | 87960    | 0.461 | ng/ul  | 99     |
| 18) Benzo(a)anthracene     | 21.40 | 228  | 34641    | 0.211 | ng/ul  | 99     |
| 19) Chrysene               | 21.45 | 228  | 44472    | 0.238 | ng/ul  | 98     |
| 21) Benzo(b)fluoranthene   | 23.03 | 252  | 56916m   | 0.273 | ng/ul  | 99     |
| 22) Benzo(k)fluoranthene   | 23.07 | 252  | 21097m   | 0.105 | ng/ul  | 99     |
| 23) Benzo(a)pyrene         | 23.63 | 252  | 34359    | 0.198 | ng/ul  | 94     |
| 24) Indeno(1,2,3-cd)pyrene | 26.08 | 276  | 20966    | 0.113 | ng/ul# | 95     |
| 25) Dibenzo(a,h)anthracene | 26.09 | 278  | 5018     | 0.033 | ng/ul# | 69     |
| 26) Benzo(g,h,i)perylene   | 26.81 | 276  | 15902    | 0.100 | ng/ul  | 96     |

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