

Quantitation Report (QT Reviewed)

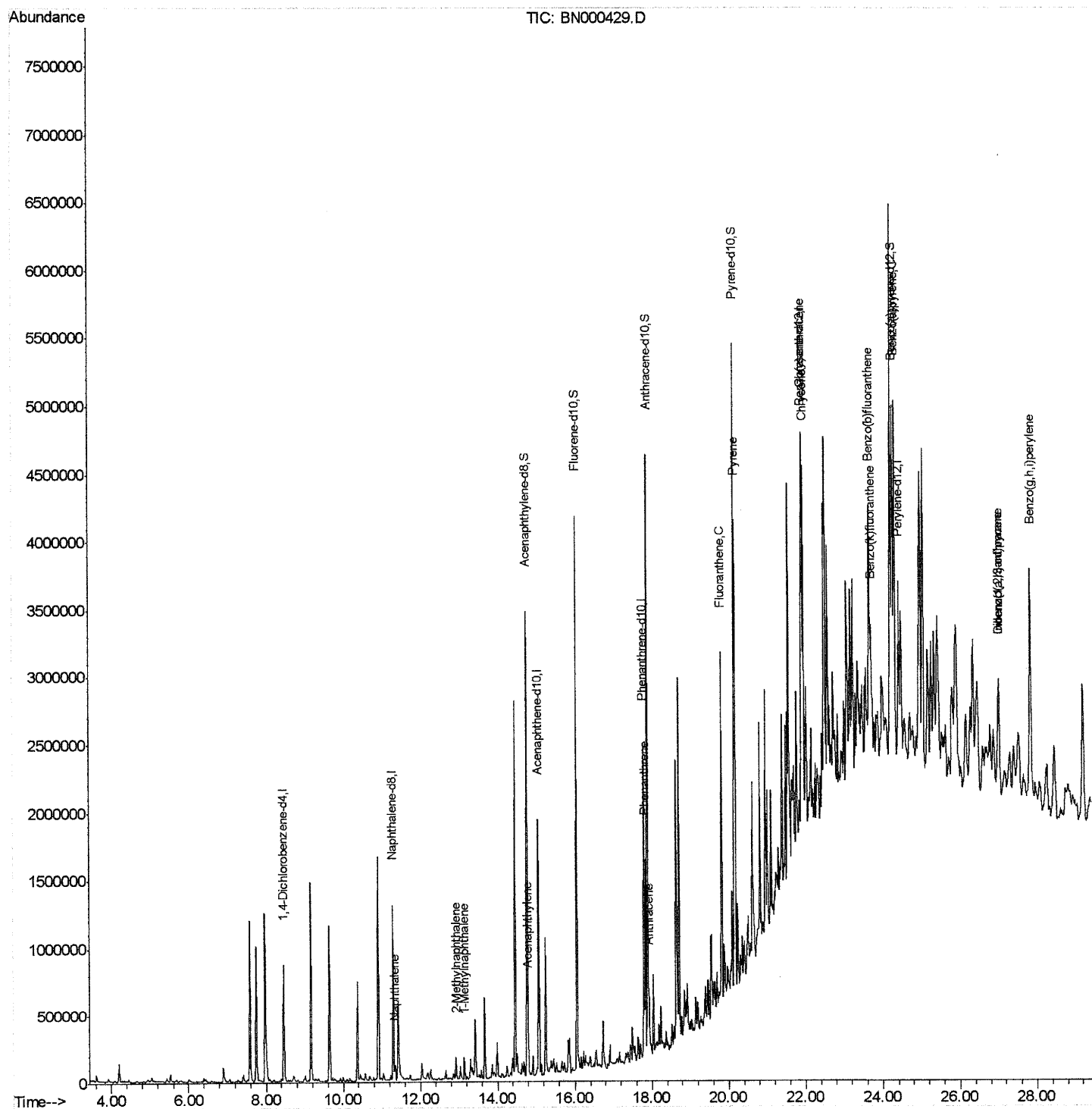
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\  
 Data File : BN000429.D  
 Acq On : 15 Mar 2018 22:56  
 Operator : JU/SJ  
 Sample : J1865-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 Client Sampled :  
 DAMB6

Manual Integrations  
 APPROVED

Sohil  
 3/16/2018 12:12:02 PM

Quant Time: Mar 16 07:19:54 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 16 06:47:18 2018  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

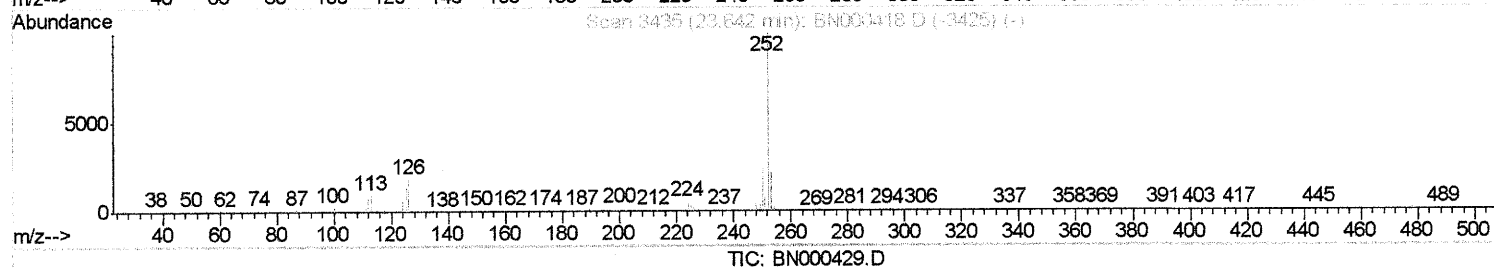
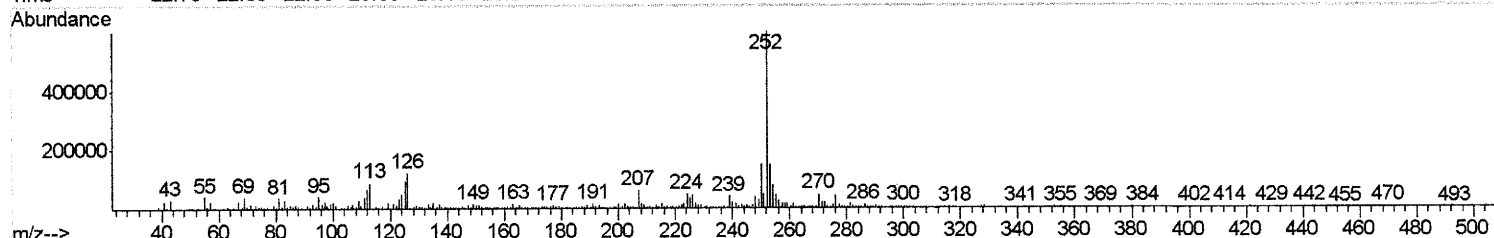
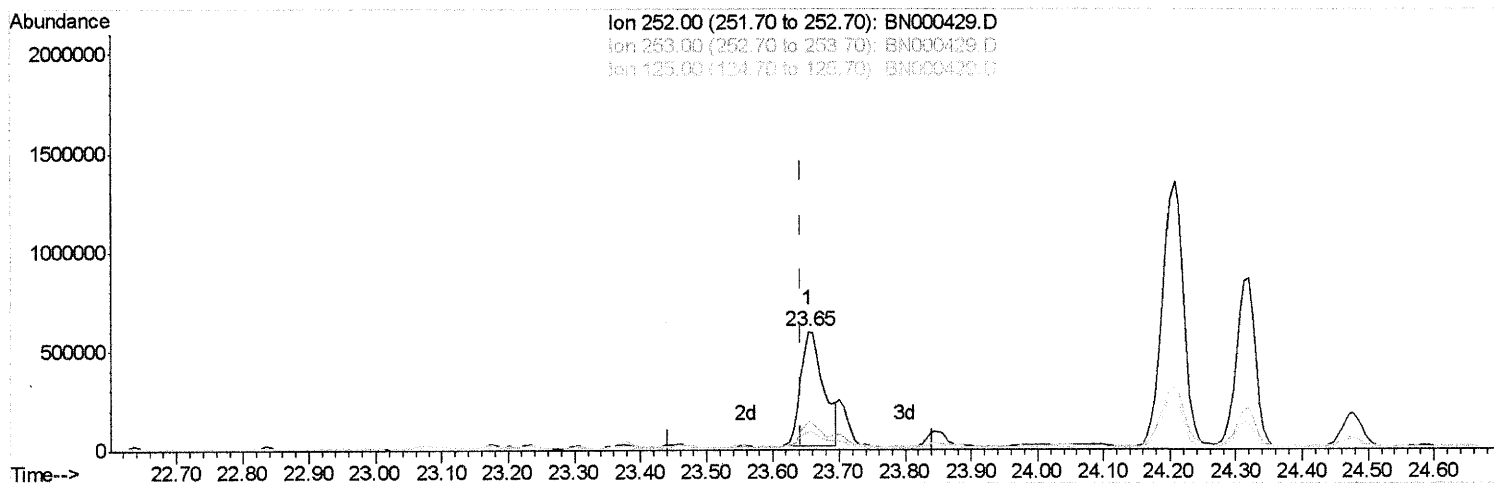
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(23) Benzo(b)fluoranthene

23.654min (+0.012) 24.85ng/ul

response 1437311

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 24.47  |
| 125.00 | 10.00 | 15.93# |
| 0.00   | 0.00  | 0.00   |

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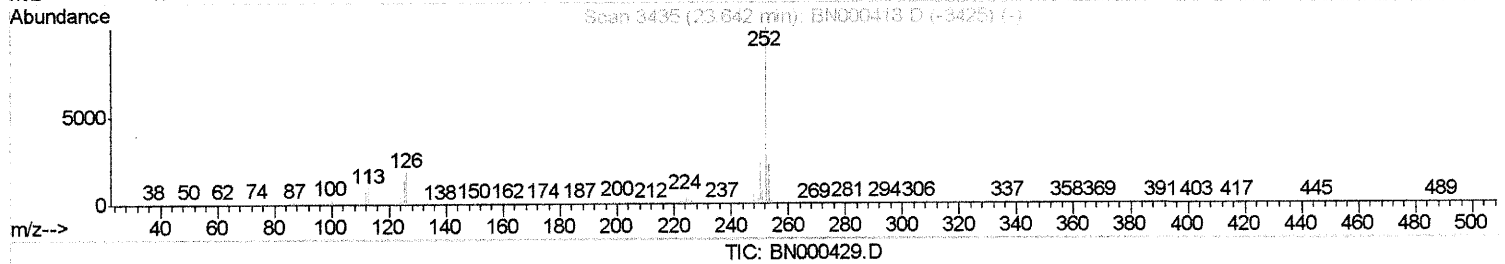
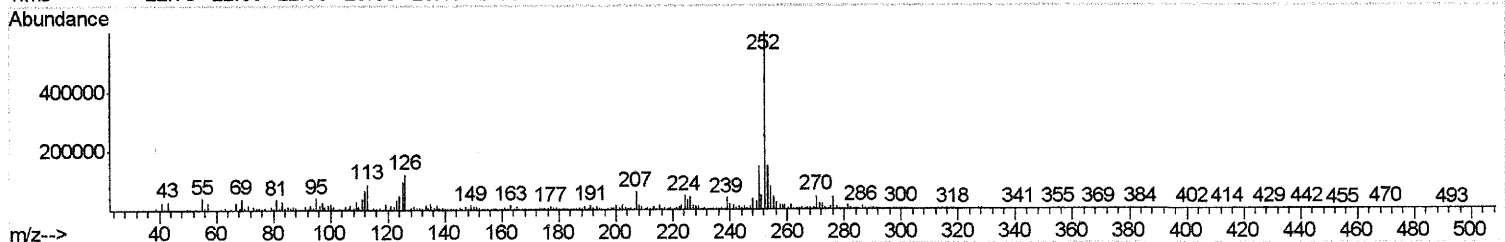
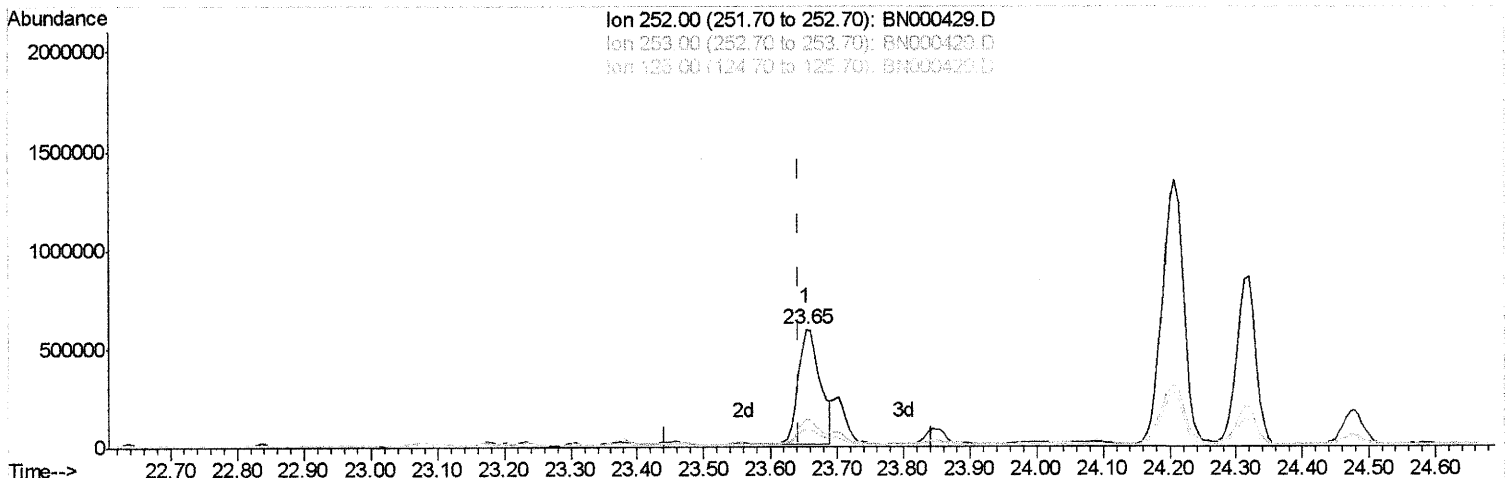
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(23) Benzo(b)fluoranthene

23.654min (+0.012) 23.89ng/ul m

JU 3/16/18

response 1382057

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 24.47  |
| 125.00 | 10.00 | 15.93# |
| 0.00   | 0.00  | 0.00   |

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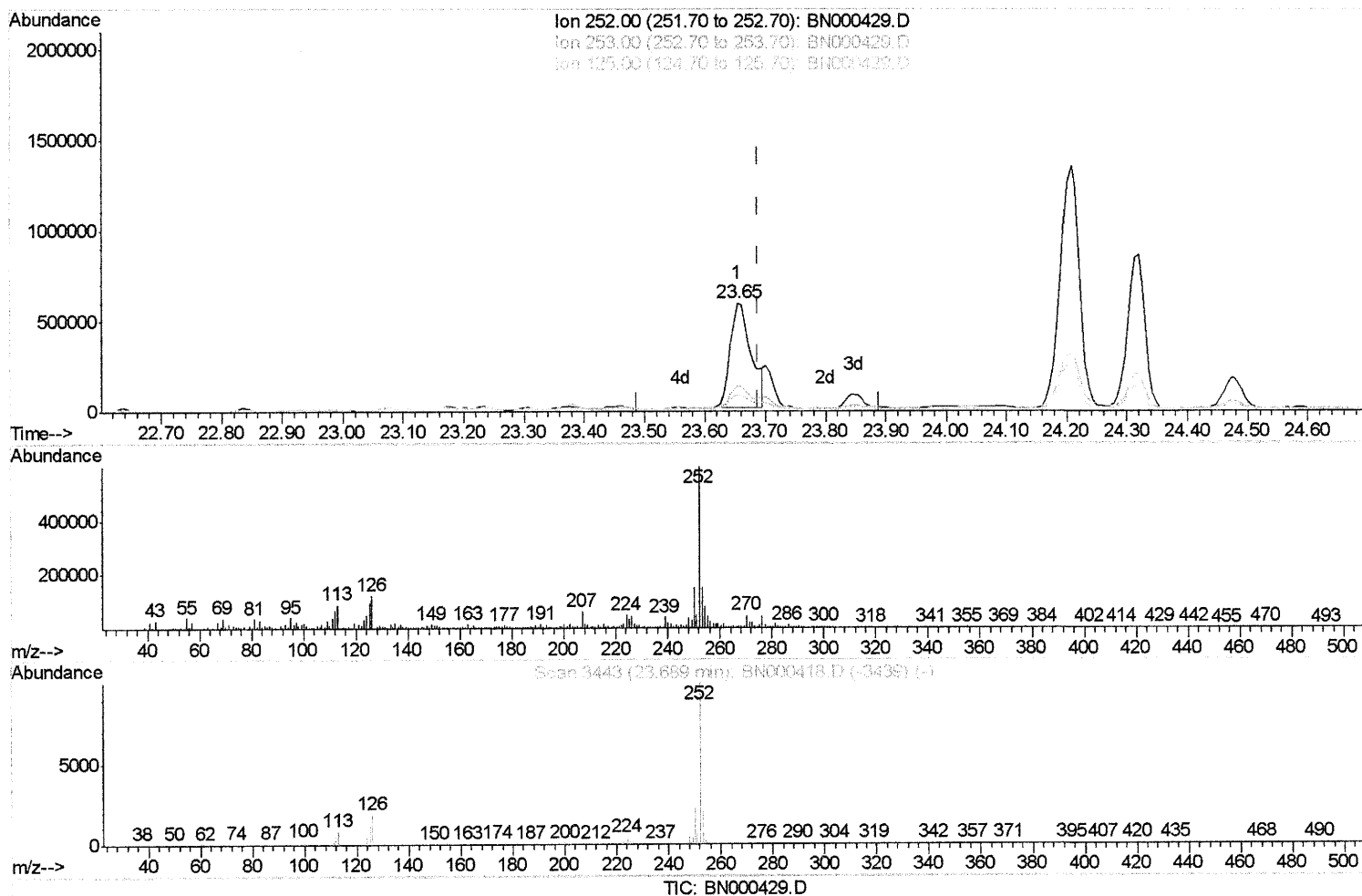
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Instrument :  
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 ClientSampleId :  
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(24) Benzo(k)fluoranthene

23.654min (-0.035) 26.55ng/ul

response 1437311

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 24.47  |
| 125.00 | 10.10 | 15.93# |
| 0.00   | 0.00  | 0.00   |

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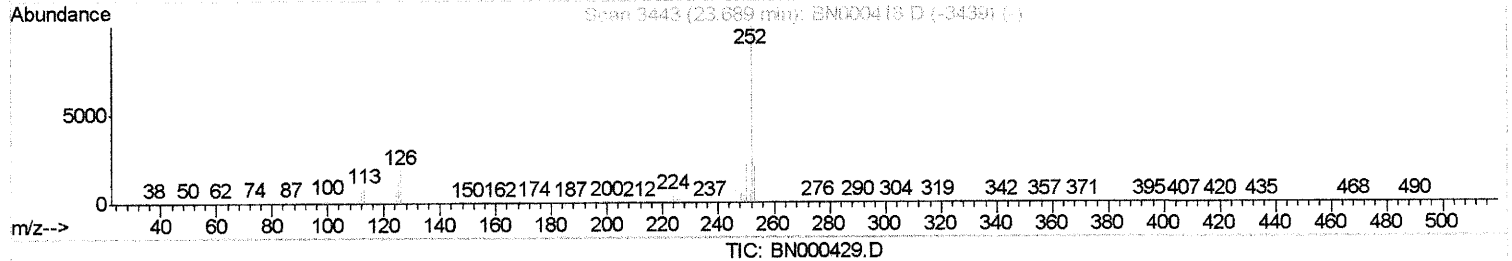
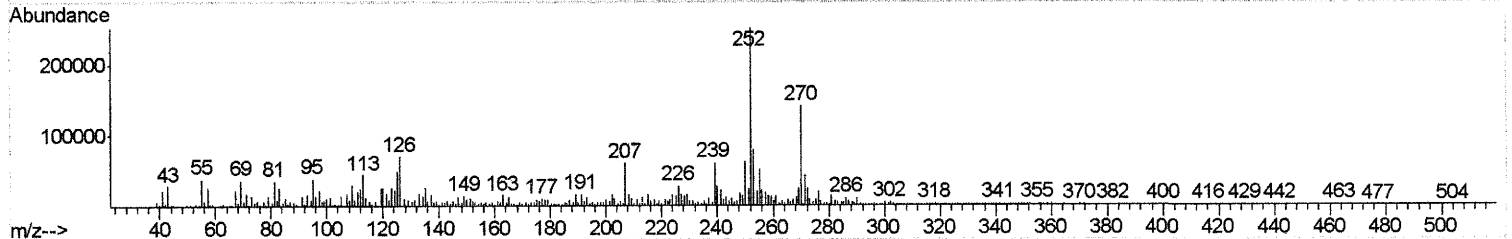
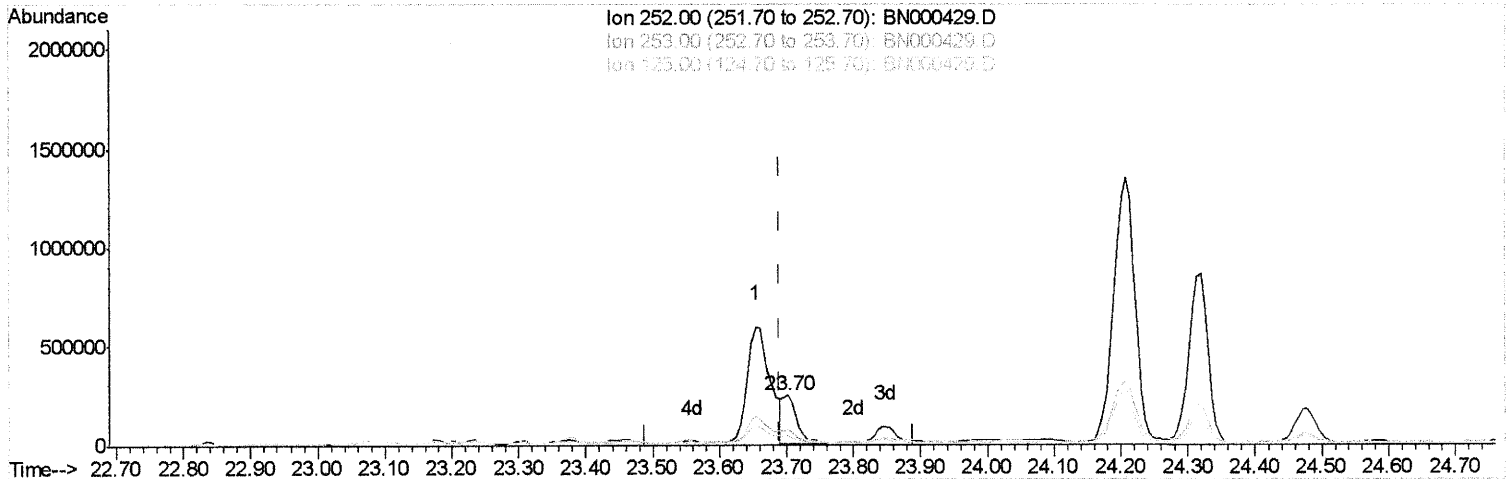
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 Response via : Initial Calibration



(24) Benzo(k)fluoranthene

23.701min (+0.012) 6.65ng/ul m

JU 3/16/18

response 360136

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 31.36# |
| 125.00 | 10.10 | 19.40# |
| 0.00   | 0.00  | 0.00   |

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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.45  | 152  | 238147   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.30 | 136  | 1099391  | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.07 | 164  | 610742   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.79 | 188  | 1304064  | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.91 | 240  | 989090   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.42 | 264  | 969954   | 20.00 | ng/ul | 0.02     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 7) Acenaphthylene-d8        | 14.77 | 160  | 2363436  | 38.99 | ng/ul | 0.00     |
| 10) Fluorene-d10            | 16.05 | 176  | 1545560  | 37.65 | ng/ul | 0.00     |
| 14) Anthracene-d10          | 17.89 | 188  | 2379347  | 39.05 | ng/ul | 0.00     |
| 18) Pvrene-d10              | 20.15 | 212  | 2257274  | 46.65 | ng/ul | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.27 | 264  | 1679350  | 37.91 | ng/ul | 0.02     |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 3) Naphthalene             | 11.34 | 128  | 87016    | 1.500  | ng/ul  | 100    |
| 4) 2-Methylnaphthalene     | 12.92 | 142  | 74096    | 1.814  | ng/ul  | 94     |
| 5) 1-Methylnaphthalene     | 13.14 | 142  | 68109    | 1.662  | ng/ul  | 93     |
| 8) Acenaphthylene          | 14.80 | 152  | 157545   | 2.586  | ng/ul  | 99     |
| 13) Phenanthrene           | 17.83 | 178  | 761716   | 10.185 | ng/ul  | 100    |
| 15) Anthracene             | 17.92 | 178  | 266961   | 3.518  | ng/ul  | 99     |
| 16) Fluoranthene           | 19.81 | 202  | 1401284  | 17.342 | ng/ul# | 92     |
| 19) Pyrene                 | 20.17 | 202  | 1739216  | 27.851 | ng/ul# | 86     |
| 20) Benzo(a)anthracene     | 21.90 | 228  | 1127469  | 18.336 | ng/ul# | 92     |
| 21) Chrysene               | 21.95 | 228  | 1703022  | 29.185 | ng/ul  | 96     |
| 23) Benzo(b)fluoranthene   | 23.65 | 252  | 1382057m | 23.895 | ng/ul  |        |
| 24) Benzo(k)fluoranthene   | 23.70 | 252  | 360136m  | 6.652  | ng/ul  |        |
| 26) Benzo(a)pyrene         | 24.32 | 252  | 1699219  | 30.868 | ng/ul# | 92     |
| 27) Indeno(1,2,3-cd)pyrene | 27.02 | 276  | 744600   | 12.545 | ng/ul# | 78     |
| 28) Dibenzo(a,h)anthracene | 27.01 | 278  | 376122   | 7.731  | ng/ul# | 52     |
| 29) Benzo(a,h,i)perylene   | 27.84 | 276  | 2257596  | 45.555 | ng/ul# | 86     |

> JU 3/16/18

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