

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121718\  
Quantitation Report (QT Reviewed)

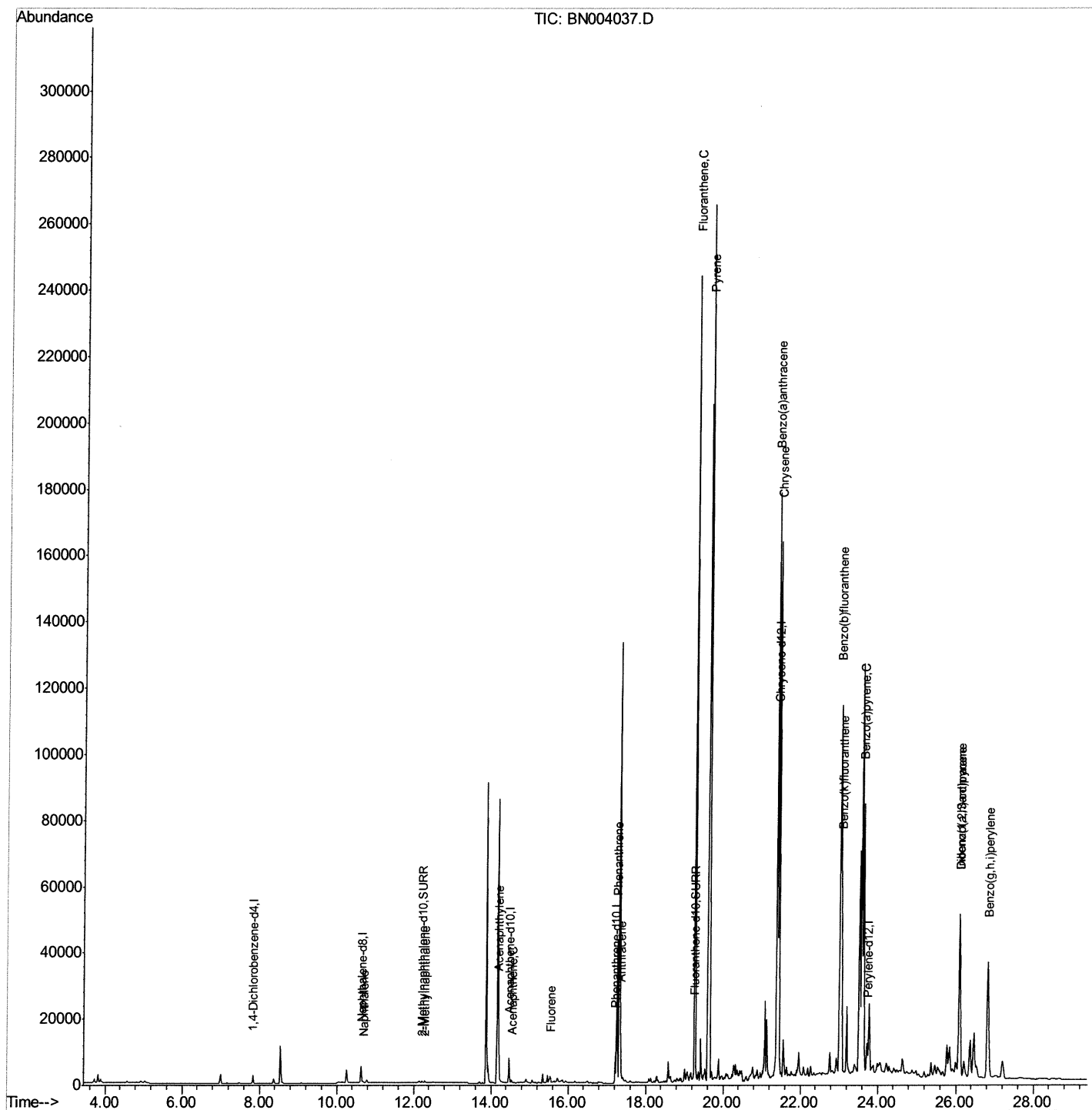
Data File : BN004037.D  
Acq On : 17 Dec 2018 16:03  
Operator : JU/SJ  
Sample : J6229-04DL 5X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9F02DL

Manual Integrations  
APPROVED

Sohil  
12/18/2018 5:55:55 PM

Quant Time: Dec 18 04:47:56 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 : Tue Dec 18 04:29:07 2018  
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121718\  
Quantitation Report (Qedit)

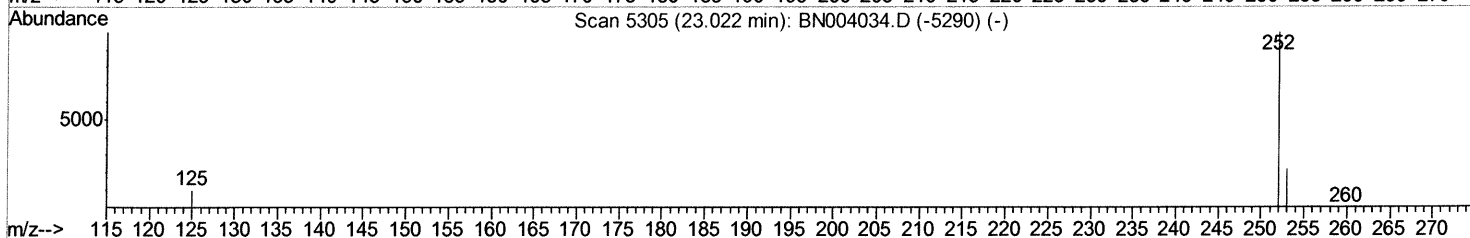
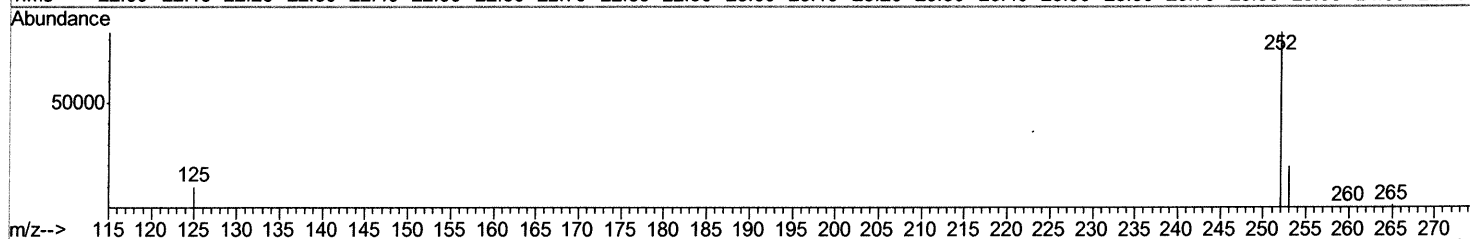
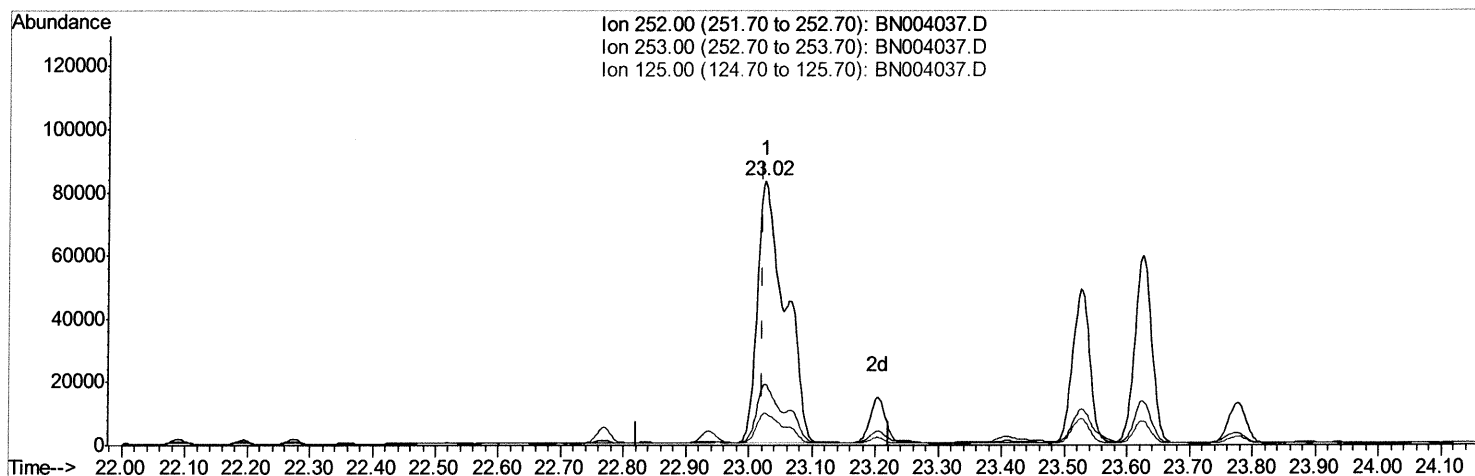
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TIC: BN004037.D

(21) Benzo(b)fluoranthene  
23.025min (+0.003) 4.86ng/ul  
response 254486  
Ion Exp% Act%  
252.00 100 100  
253.00 23.00 23.27  
125.00 11.20 12.09  
0.00 0.00 0.00

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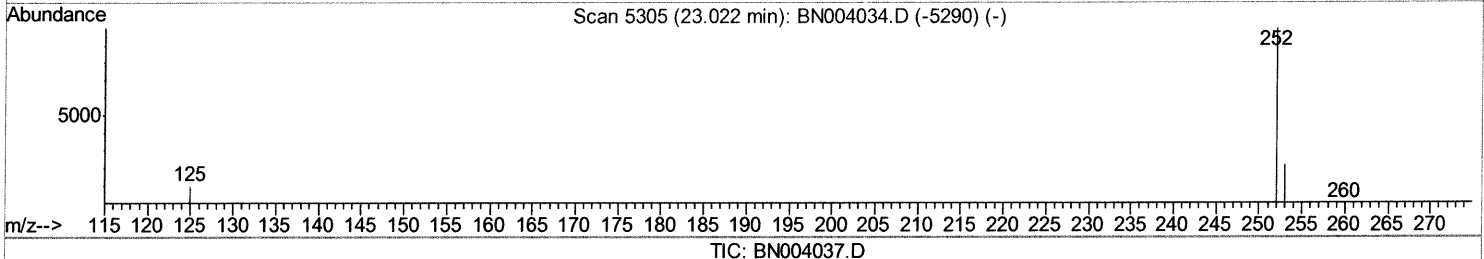
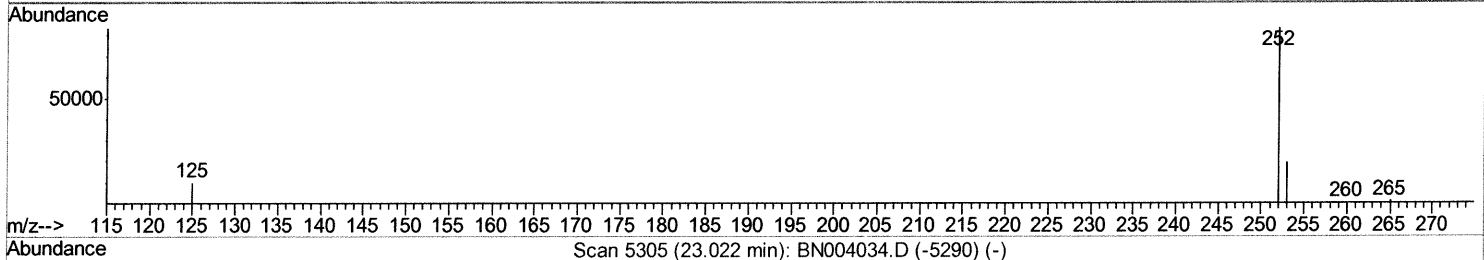
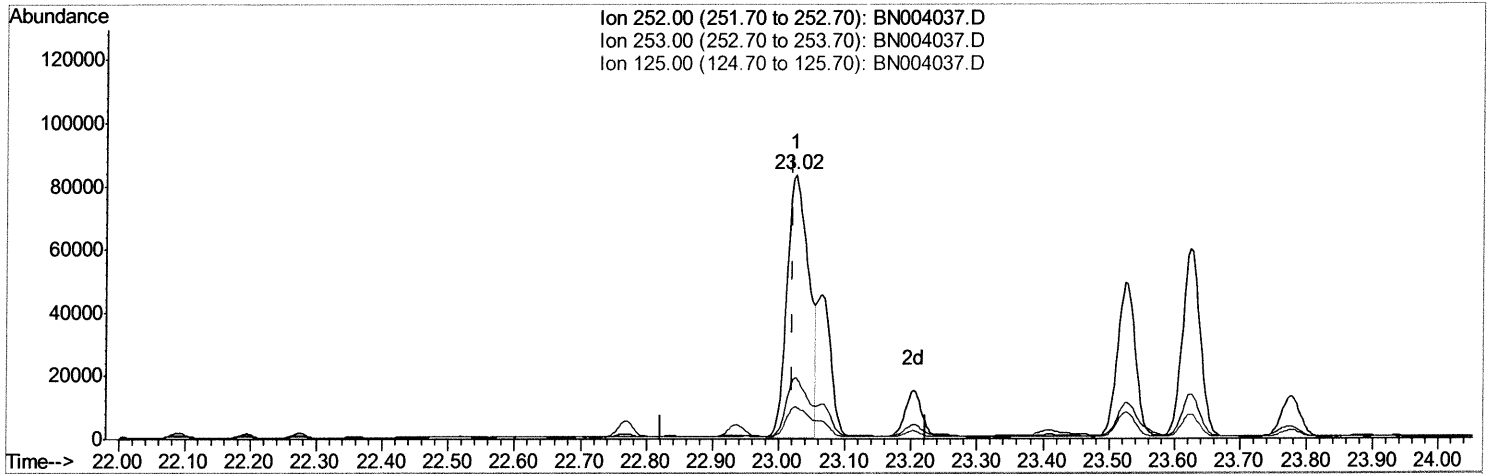
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(21) Benzo(b)fluoranthene

23.025min (+0.003) 3.59ng/ul m

response 187994

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.00 | 23.27 |
| 125.00 | 11.20 | 12.09 |
| 0.00   | 0.00  | 0.00  |

>  $\frac{SJ}{12/18/18}$

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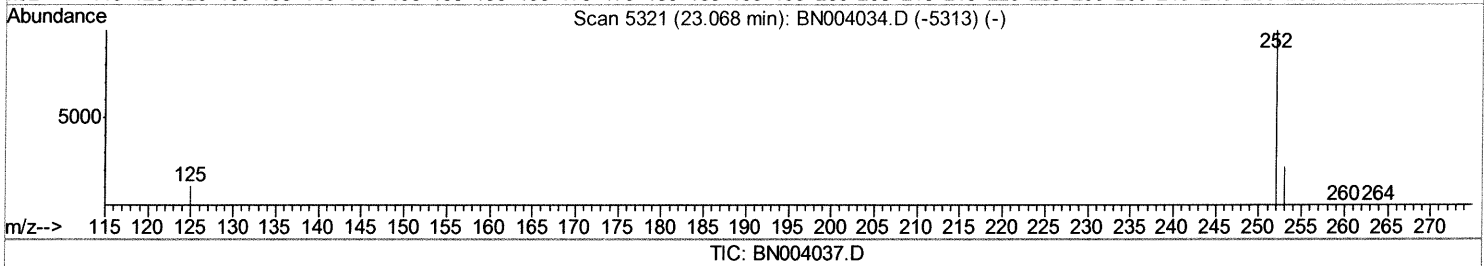
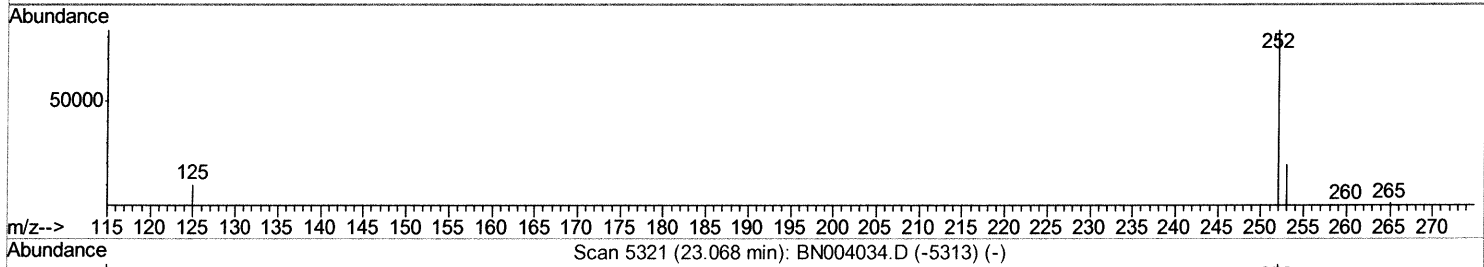
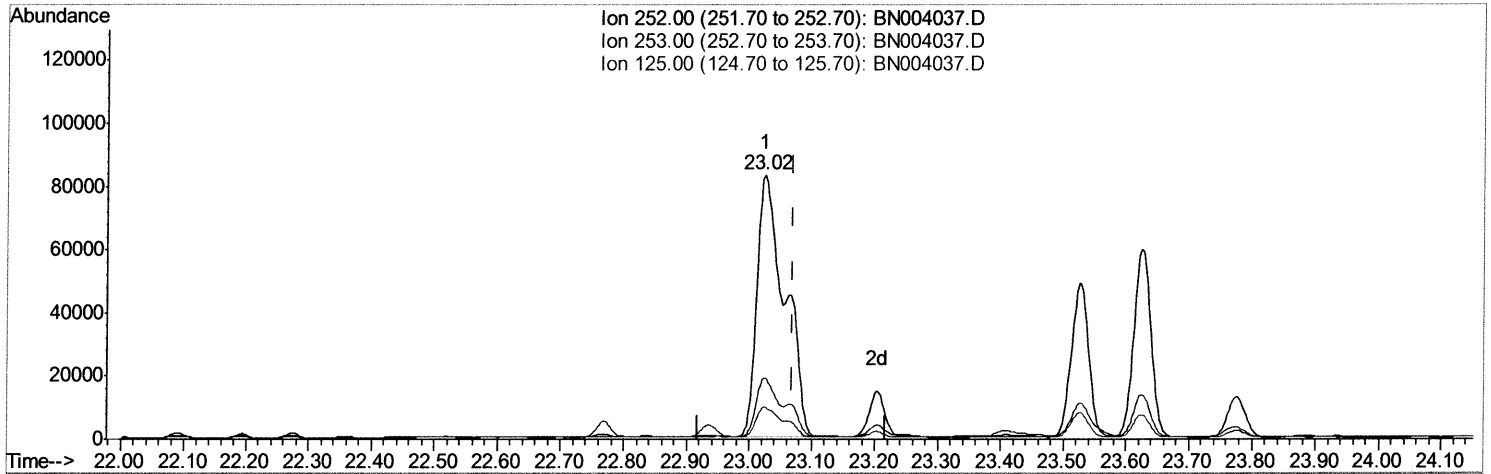
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(22) Benzo(k)fluoranthene  
23.025min (-0.044) 4.99ng/ul  
response 254486  
Ion Exp% Act%  
252.00 100 100  
253.00 23.10 23.27  
125.00 11.30 12.09  
0.00 0.00 0.00

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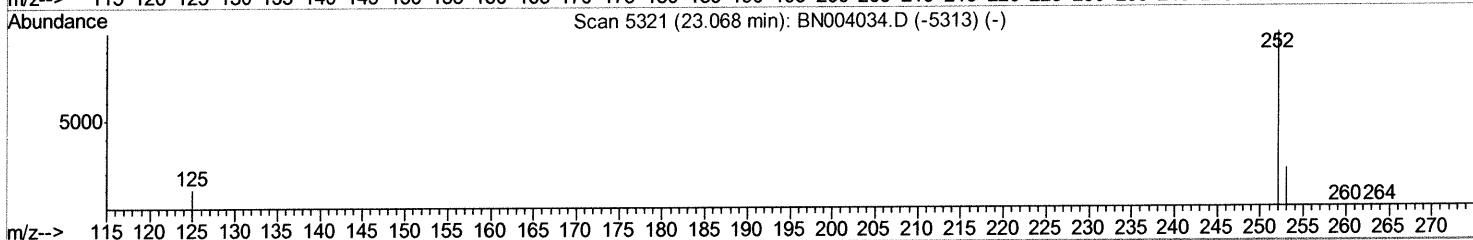
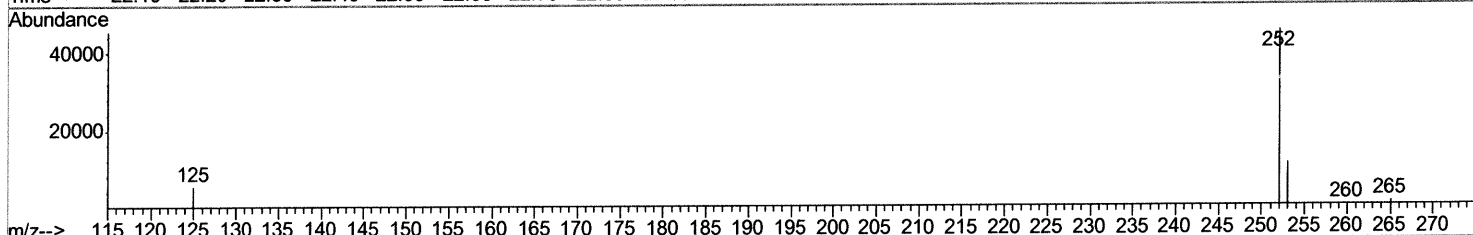
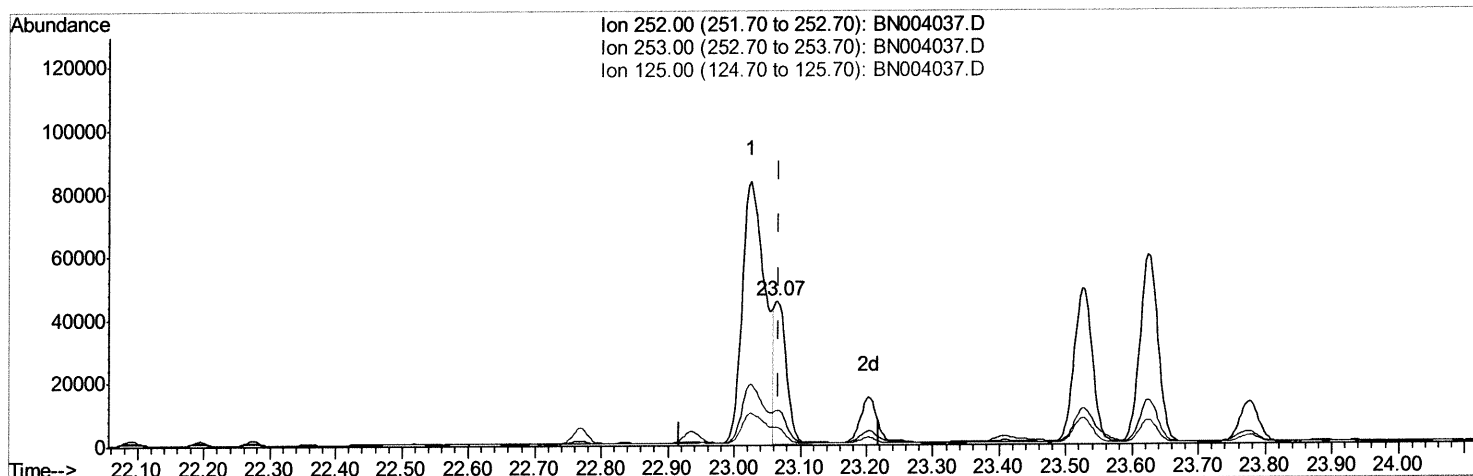
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ALS Vial : 5 Sample Multiplier: 1

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TIC: BN004037.D

(22) Benzo(k)fluoranthene

23.065min (-0.003) 1.21ng/ul m

response 61581

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.10 | 24.33 |
| 125.00 | 11.30 | 12.23 |
| 0.00   | 0.00  | 0.00  |

> 53  
12/18/18

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.84  | 152  | 1340     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.63 | 136  | 6898     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.47 | 164  | 4143     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.22 | 188  | 10526    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.41 | 240  | 12512    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.73 | 264  | 12646    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.22 | 152  | 669      | 0.06 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.24 | 212  | 2176     | 0.07 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 10.68 | 128  | 587      | 0.030 | ng/ul# | 64     |
| 5) 2-Methylnaphthalene     | 12.29 | 142  | 518      | 0.038 | ng/ul  | 96     |
| 7) Acenaphthylene          | 14.19 | 152  | 16787    | 0.900 | ng/ul  | 100    |
| 8) Acenaphthene            | 14.53 | 153  | 633      | 0.039 | ng/ul# | 93     |
| 9) Fluorene                | 15.54 | 166  | 1646     | 0.086 | ng/ul# | 52     |
| 12) Phenanthrene           | 17.26 | 178  | 45937    | 1.330 | ng/ul  | 100    |
| 13) Anthracene             | 17.35 | 178  | 15015    | 0.529 | ng/ul  | 98     |
| 15) Fluoranthene           | 19.28 | 202  | 201935   | 4.950 | ng/ul  | 98     |
| 17) Pyrene                 | 19.64 | 202  | 214137   | 4.772 | ng/ul  | 96     |
| 18) Benzo(a)anthracene     | 21.39 | 228  | 136288   | 3.449 | ng/ul  | 97     |
| 19) Chrysene               | 21.44 | 228  | 157570   | 3.484 | ng/ul  | 97     |
| 21) Benzo(b)fluoranthene   | 23.02 | 252  | 187994m  | 3.594 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 23.07 | 252  | 61581m   | 1.208 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.62 | 252  | 113546   | 2.507 | ng/ul  | 100    |
| 24) Indeno(1,2,3-cd)pyrene | 26.09 | 276  | 78572    | 1.513 | ng/ul  | 96     |
| 25) Dibenzo(a,h)anthracene | 26.09 | 278  | 23679    | 0.566 | ng/ul# | 89     |
| 26) Benzo(g,h,i)perylene   | 26.82 | 276  | 72534    | 1.607 | ng/ul  | 98     |

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

SJ  
12/18/18