

# Quantitation Report (QT Reviewed)

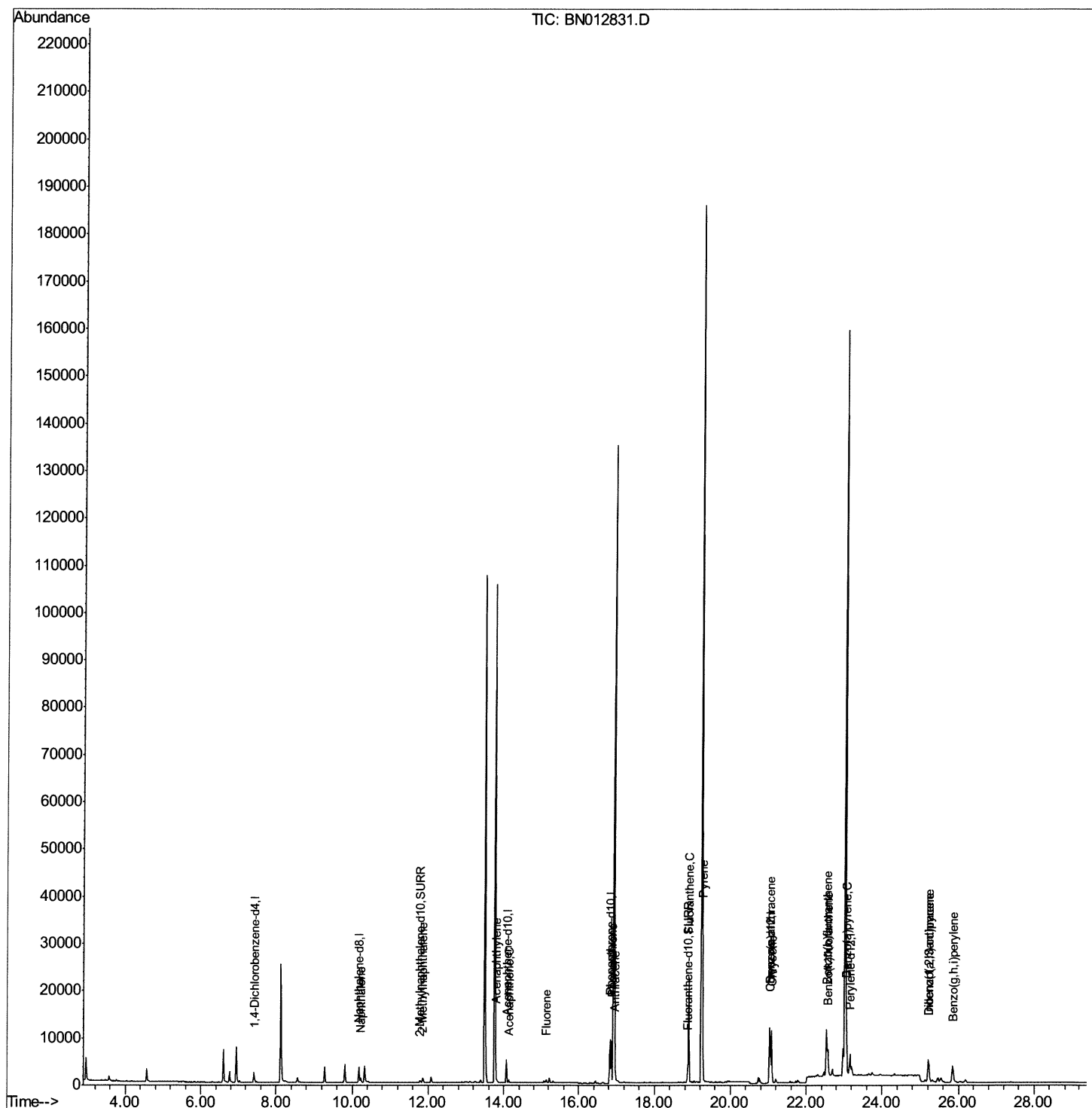
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\  
 Data File : BN012831.D  
 Acq On : 02 Dec 2020 22:33  
 Operator : CG/JU  
 Sample : L4865-03  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0B23

Manual Integrations  
 APPROVED

mohammad  
 12/3/2020 3:43:50 PM

Quant Time: Dec 03 01:17:45 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 03 00:42:46 2020  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

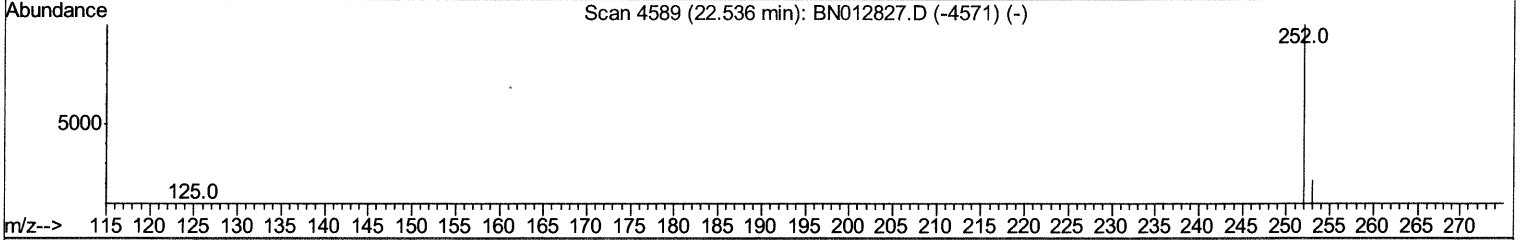
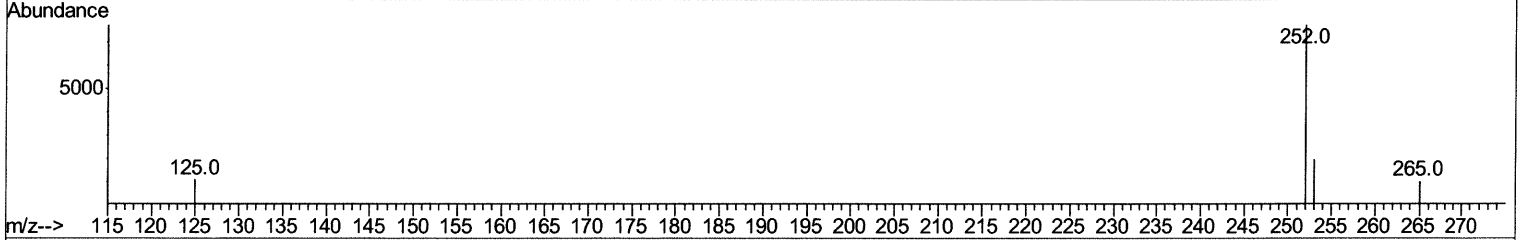
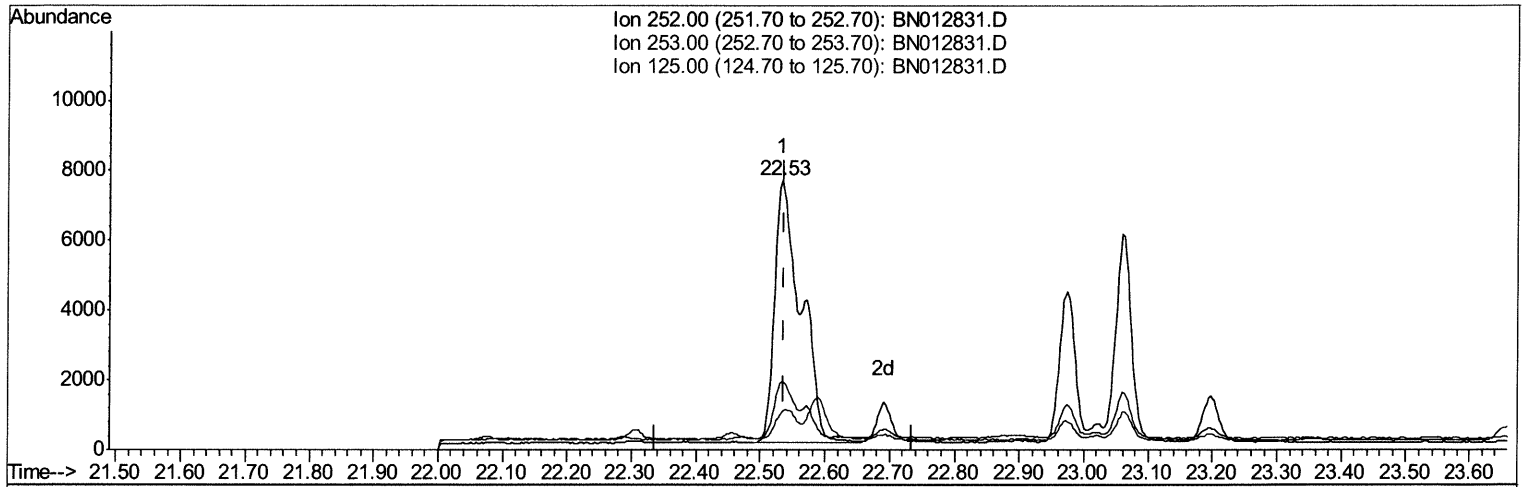
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TIC: BN012831.D

(21) Benzo(b)fluoranthene  
 22.533min (-0.003) 0.88ng/ul  
 response 21208  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.20 | 25.57 |
| 125.00 | 14.30 | 14.20 |
| 0.00   | 0.00  | 0.00  |

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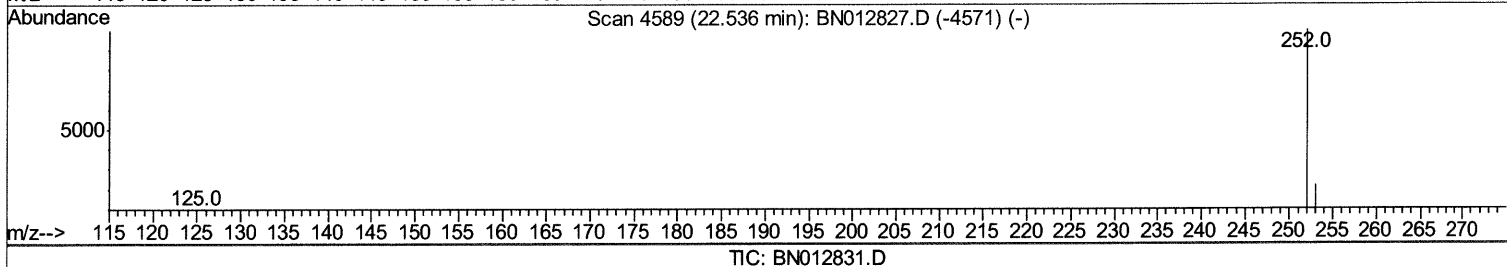
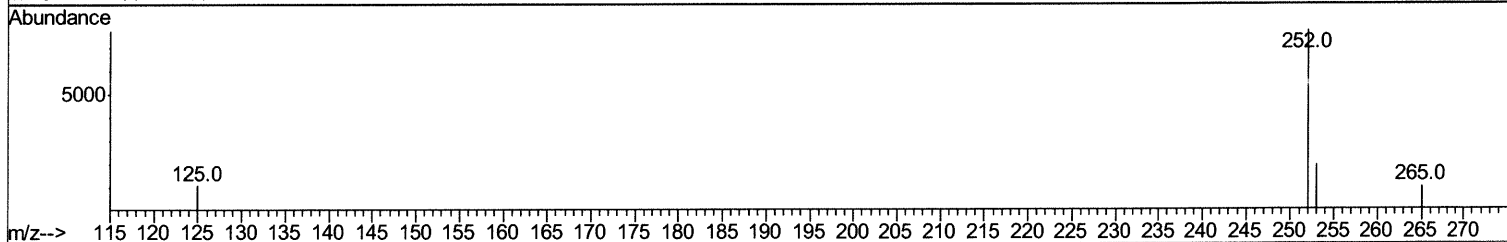
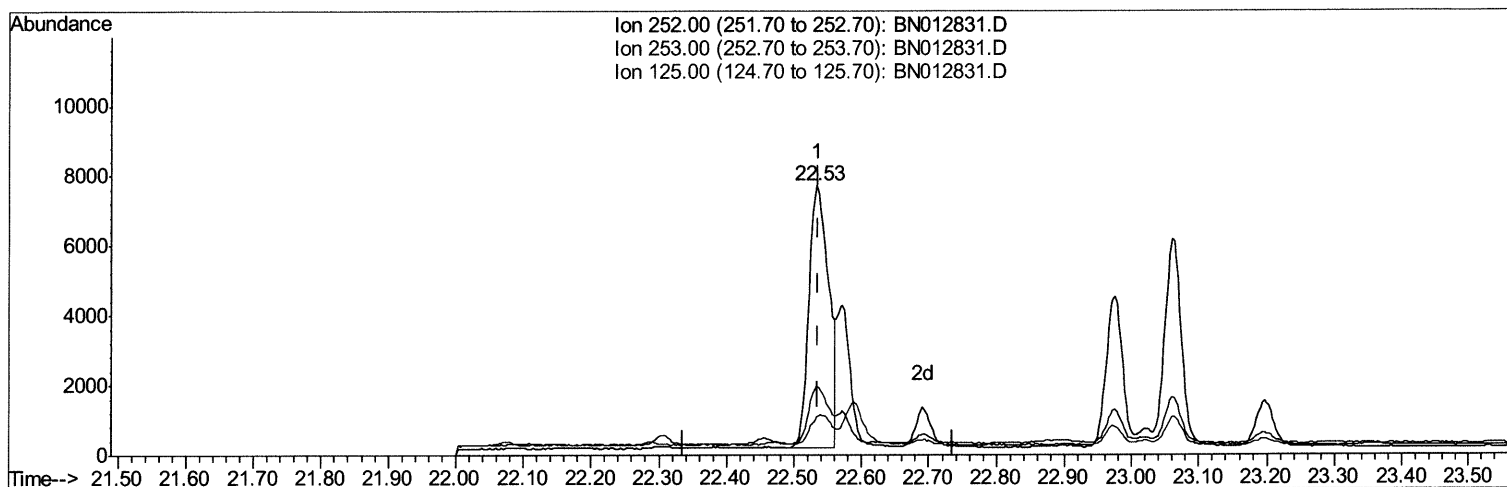
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(21) Benzo(b)fluoranthene

22.533min (-0.003) 0.63ng/ul m 12/04/2020 JU

response 15226

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.20 | 25.57 |
| 125.00 | 14.30 | 14.20 |
| 0.00   | 0.00  | 0.00  |

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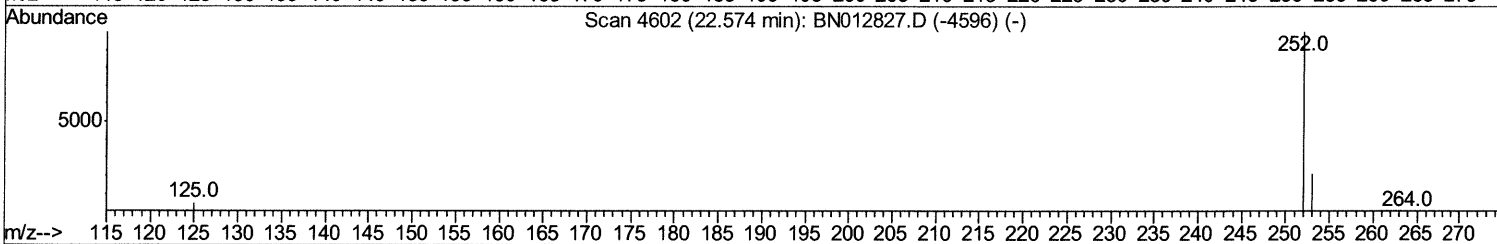
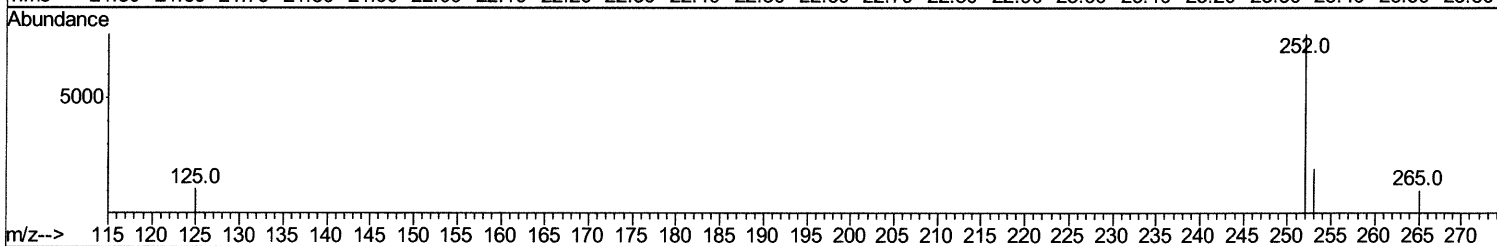
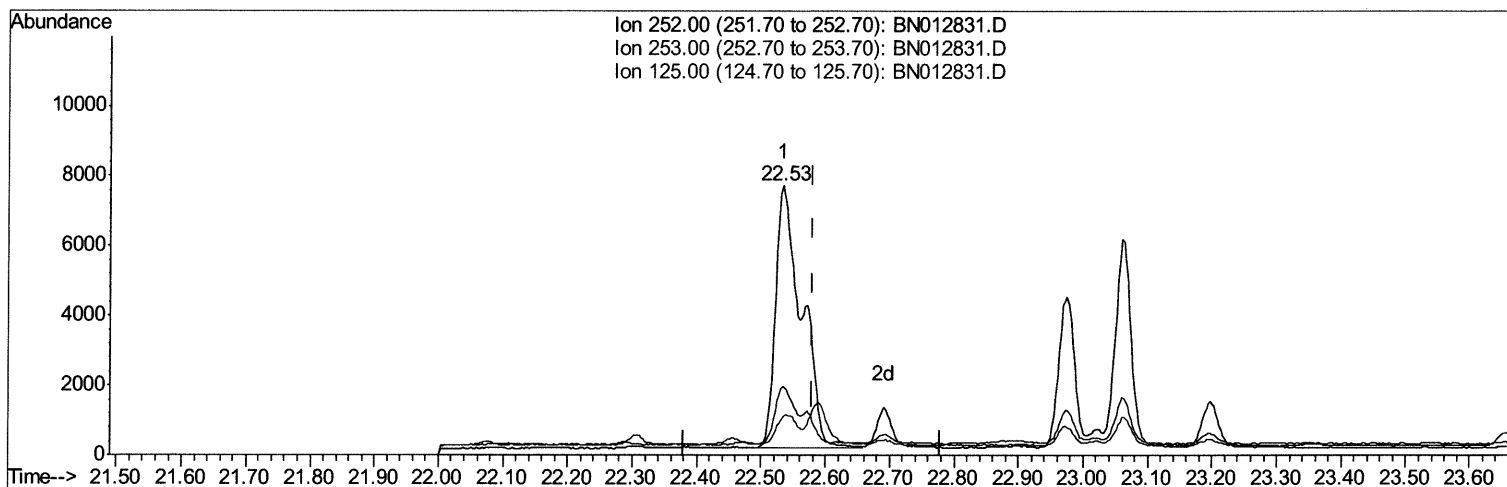
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TIC: BN012831.D

(22) Benzo(k)fluoranthene

22.533min (-0.047) 0.77ng/ul

response 21208

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.30 | 25.57 |
| 125.00 | 12.70 | 14.20 |
| 0.00   | 0.00  | 0.00  |

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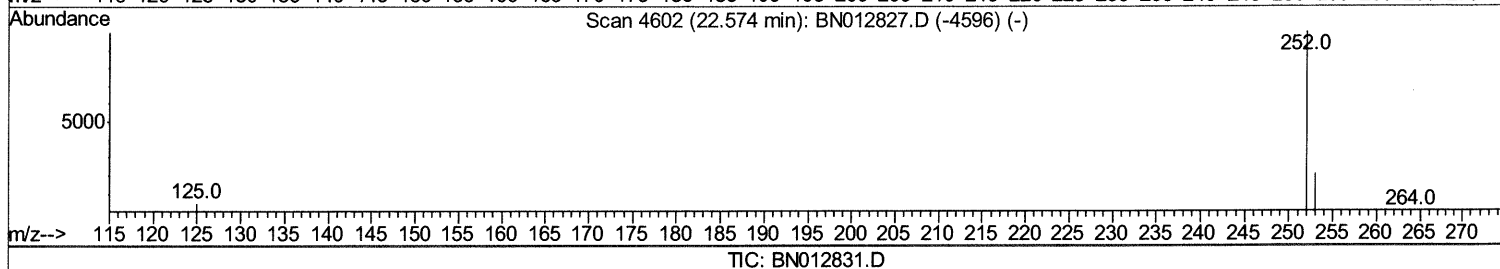
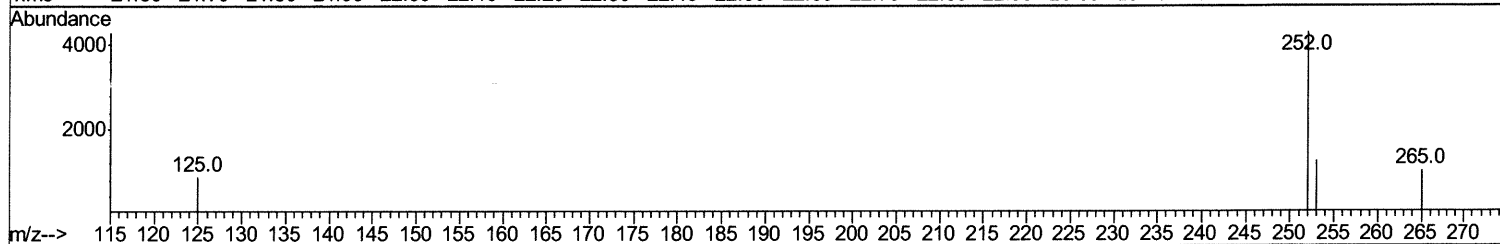
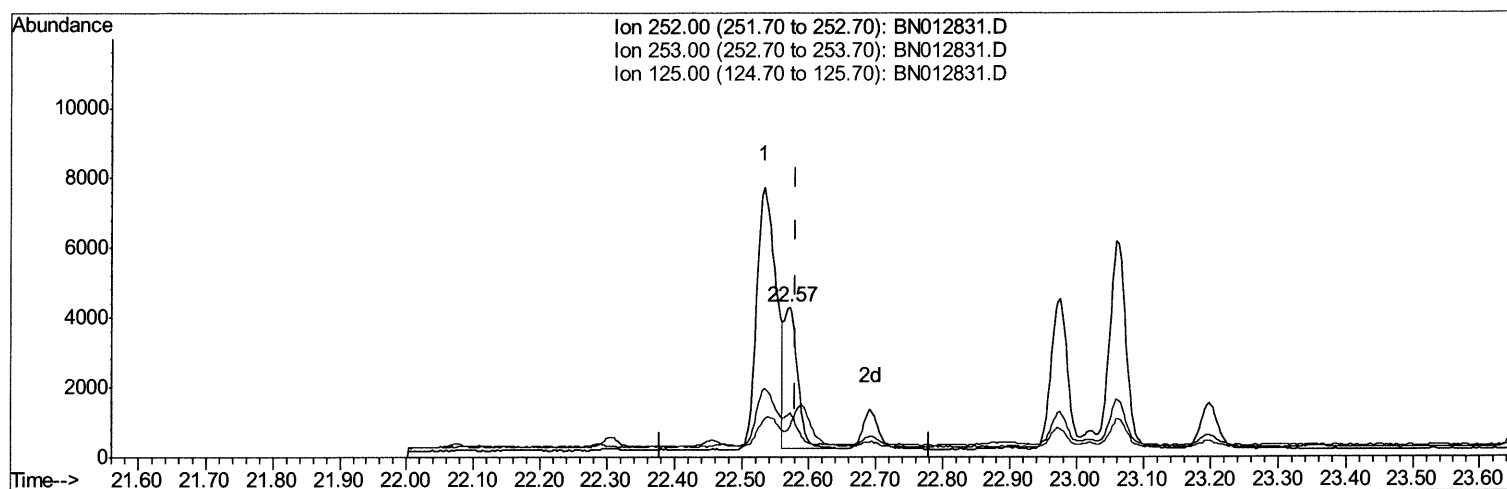
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(22) Benzo(k)fluoranthene

22.571min (-0.009) 0.21ng/ul m 12/04/2020

response 5717

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.30 | 29.07  |
| 125.00 | 12.70 | 20.66# |
| 0.00   | 0.00  | 0.00   |

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 Sample : L4865-03  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.42  | 152  | 1080     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.18 | 136  | 4353     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.07 | 164  | 2550     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.83 | 188  | 5530     | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.05 | 240  | 4818     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.15 | 264  | 5225     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.79 | 152  | 645      | 0.10  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.87 | 212  | 1647     | 0.11  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
|                             |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 10.22 | 128  | 1358     | 0.104 | ng/ul  | 95       |
| 5) 2-Methylnaphthalene      | 11.86 | 142  | 951      | 0.114 | ng/ul  | 97       |
| 7) Acenaphthylene           | 13.79 | 152  | 588      | 0.047 | ng/ul# | 79       |
| 8) Acenaphthene             | 14.14 | 153  | 373      | 0.036 | ng/ul  | 96       |
| 9) Fluorene                 | 15.13 | 166  | 364      | 0.032 | ng/ul# | 90       |
| 12) Phenanthrene            | 16.87 | 178  | 8756     | 0.455 | ng/ul  | 98       |
| 13) Anthracene              | 16.96 | 178  | 1659     | 0.099 | ng/ul  | 96       |
| 15) Fluoranthene            | 18.90 | 202  | 19322    | 0.870 | ng/ul  | 96       |
| 17) Pyrene                  | 19.26 | 202  | 18128    | 0.841 | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.03 | 228  | 9206     | 0.533 | ng/ul  | 100      |
| 19) Chrysene                | 21.08 | 228  | 11190    | 0.519 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.53 | 252  | 15226m   | 0.633 | ng/ul  | 95       |
| 22) Benzo(k)fluoranthene    | 22.57 | 252  | 5717m    | 0.206 | ng/ul  | 95       |
| 23) Benzo(a)pyrene          | 23.06 | 252  | 10167    | 0.449 | ng/ul# | 88       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.21 | 276  | 7521     | 0.254 | ng/ul# | 96       |
| 25) Dibenzo(a,h)anthracene  | 25.22 | 278  | 1830     | 0.077 | ng/ul# | 76       |
| 26) Benzo(a,h,i)perylene    | 25.85 | 276  | 6753     | 0.254 | ng/ul  | 97       |

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