

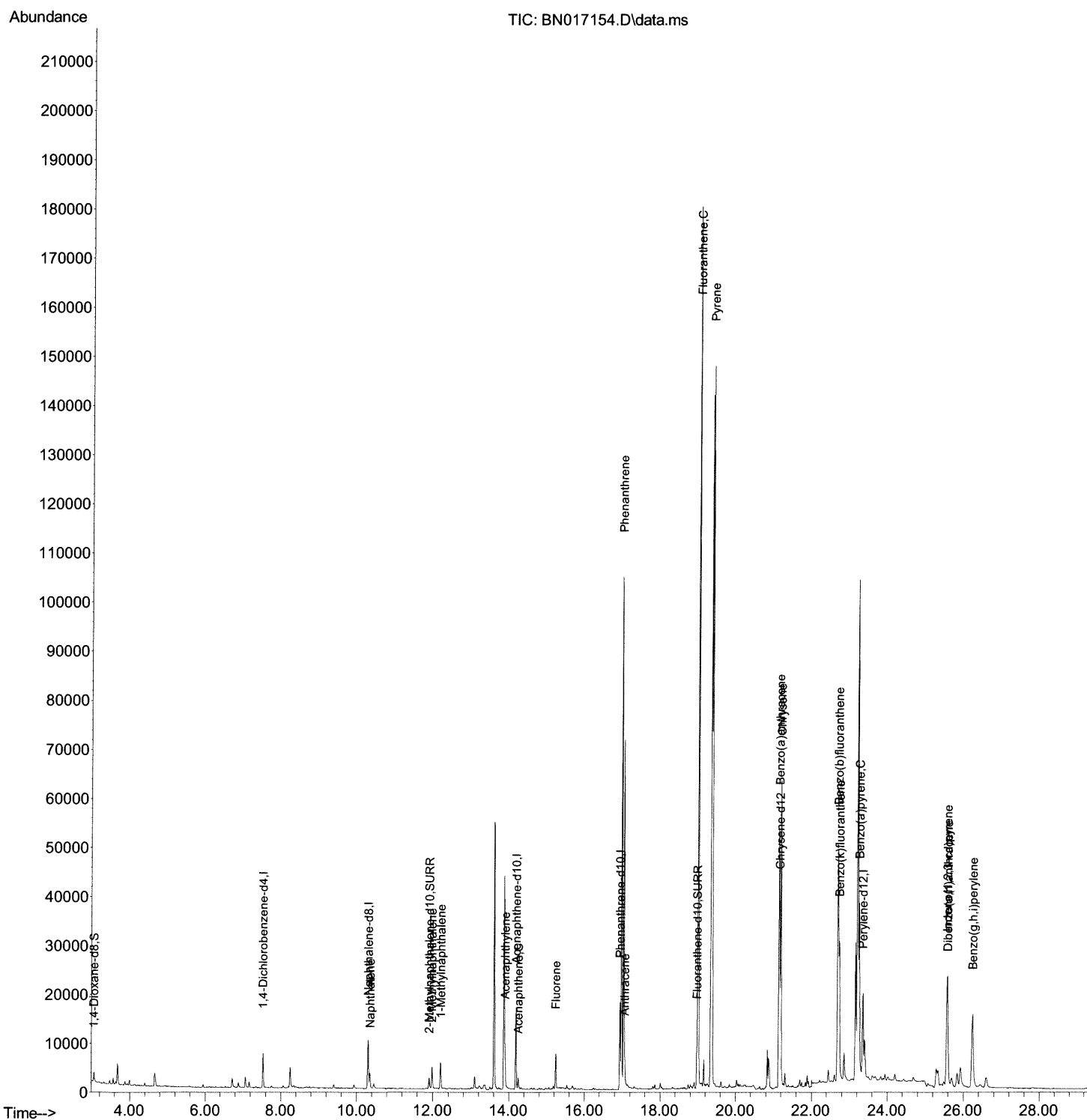
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102721\  
Data File : BN017154.D  
Acq On : 28 Oct 2021 14:08  
Operator : CG/JU  
Sample : M4205-17  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B12

Manual Integrations  
APPROVED

mohammad  
10/29/2021 2:23:58 PM

Quant Time: Oct 28 14:38:14 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN102721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 28 12:50:34 2021  
Response via : Initial Calibration



# Quantitation Report (Qedit)

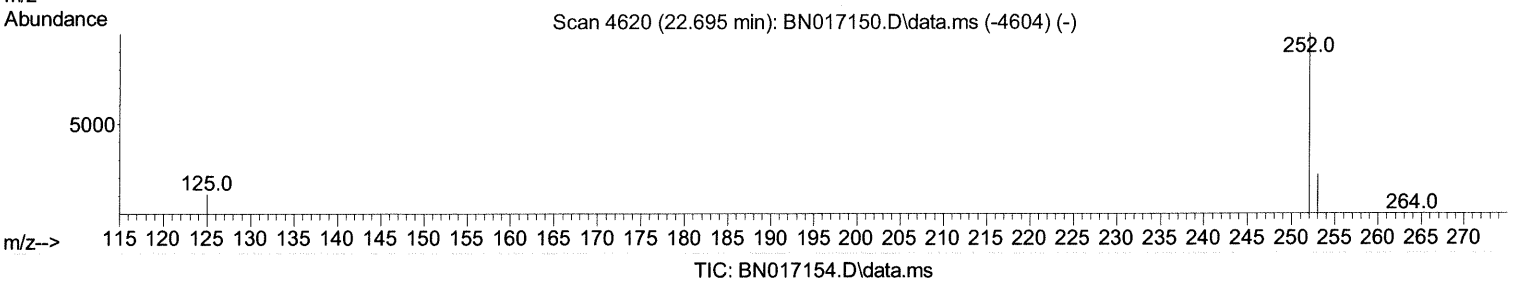
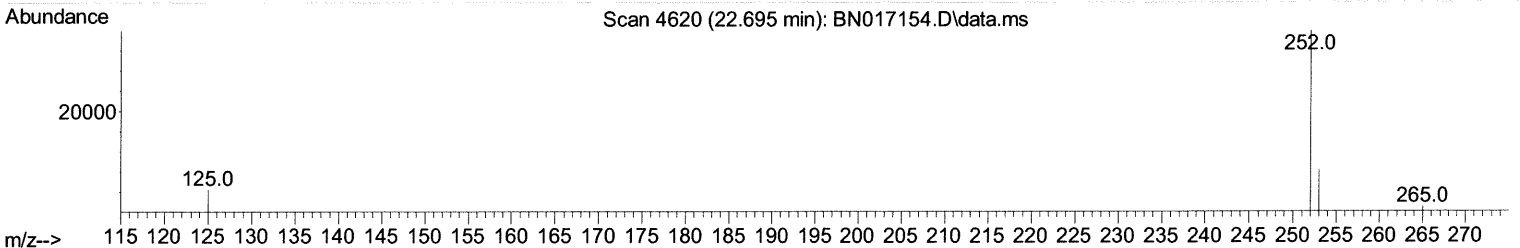
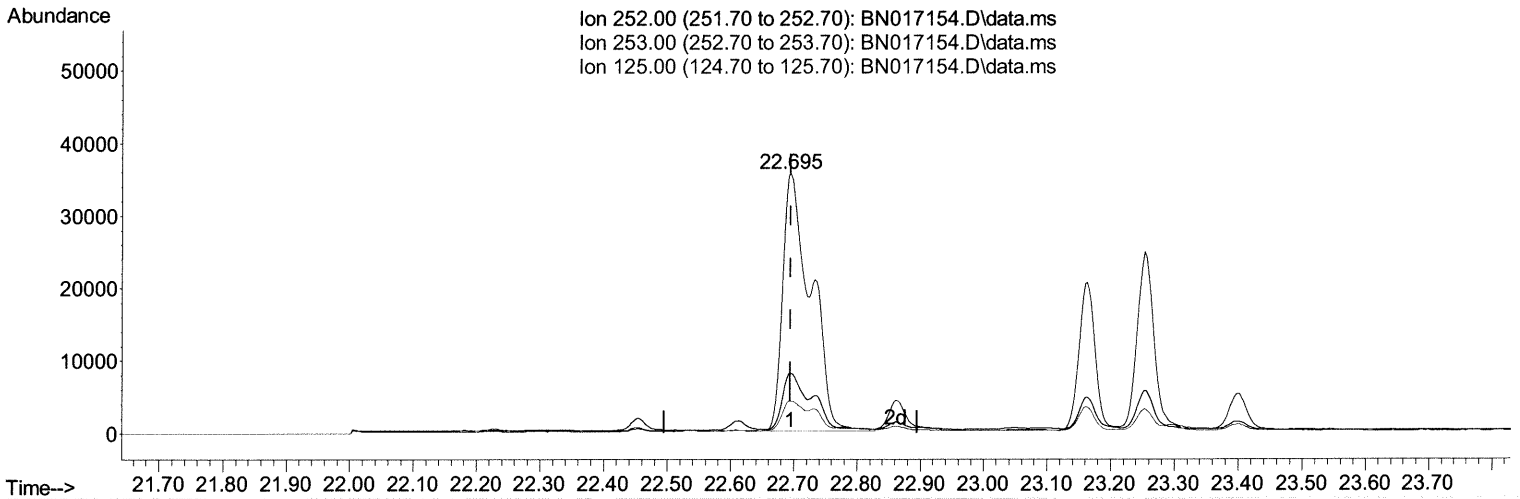
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## (24) Benzo(b)fluoranthene

22.695min (-0.000) 1.43 ng/ul

response 109796

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.40  | 23.10  |
| 125.00 | 11.90  | 12.37  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

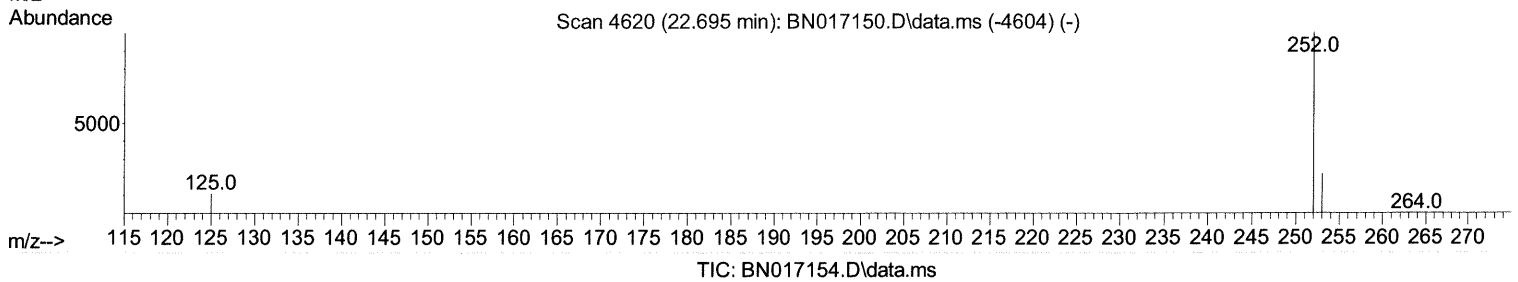
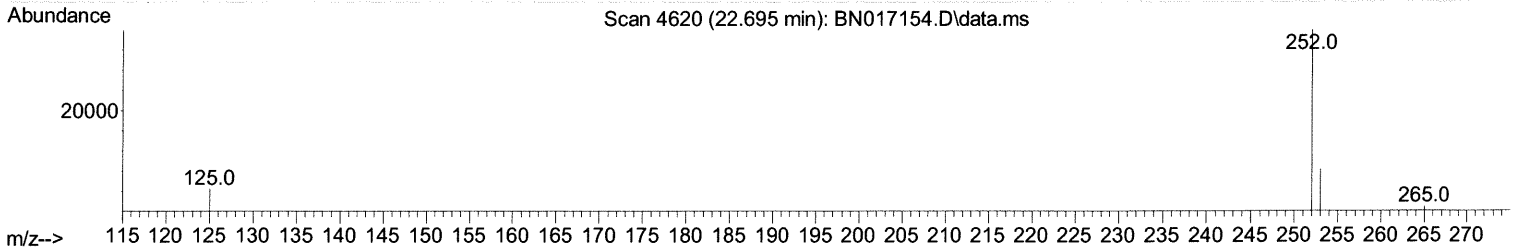
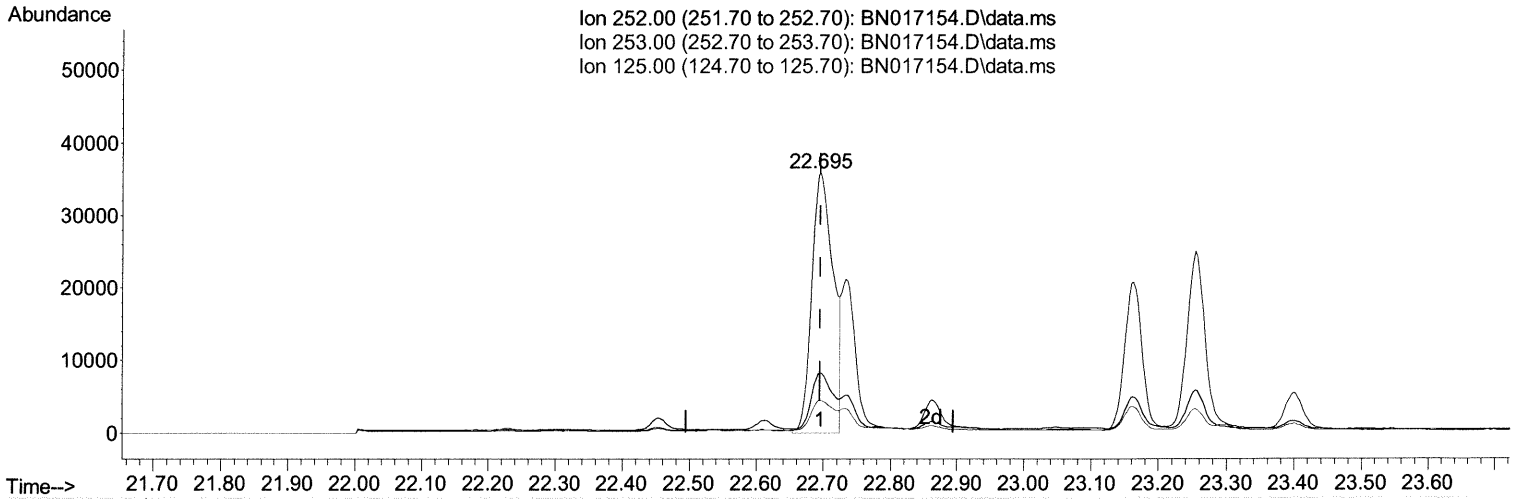
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(24) Benzo(b)fluoranthene

22.695min (-0.000) 1.03 ng/ul m 10/30/21 JU

response 79374

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.40  | 23.10  |
| 125.00 | 11.90  | 12.37  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

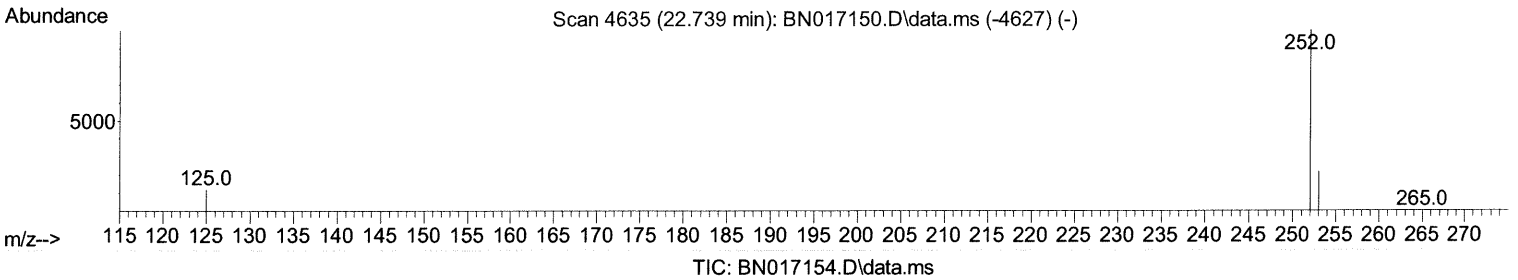
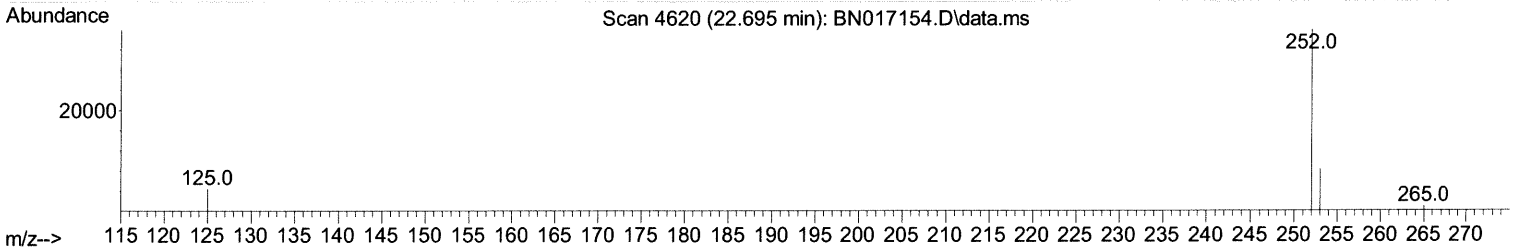
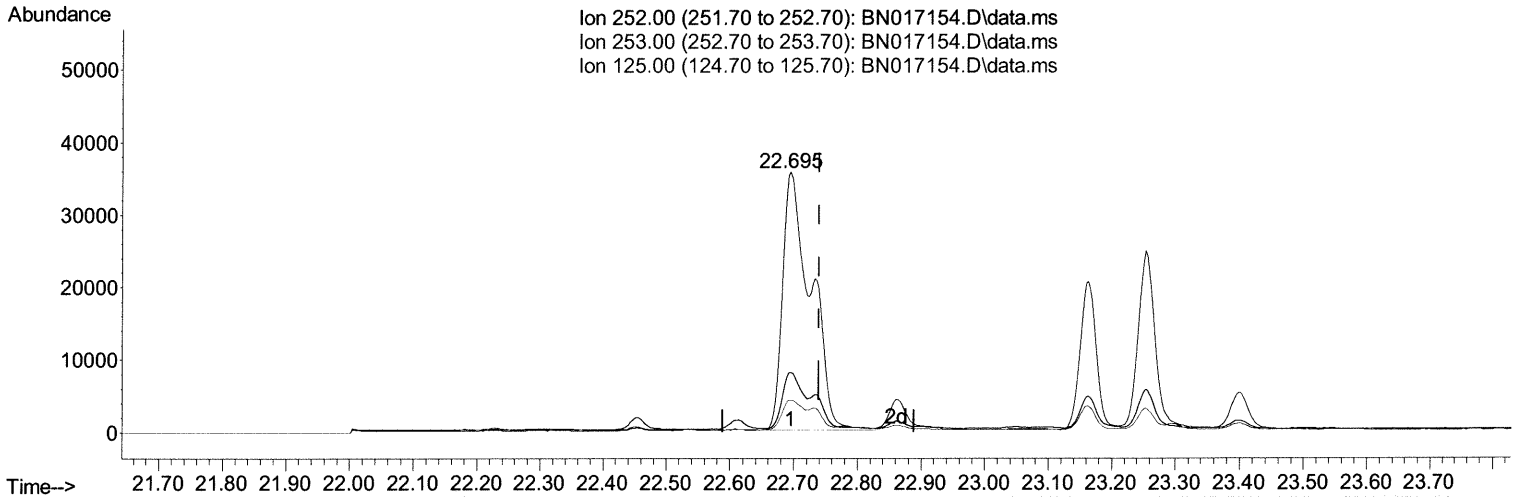
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(25) Benzo(k)fluoranthene

22.695min (-0.044) 1.26 ng/ul

response 109796

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.90  | 23.10  |
| 125.00 | 12.50  | 12.37  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

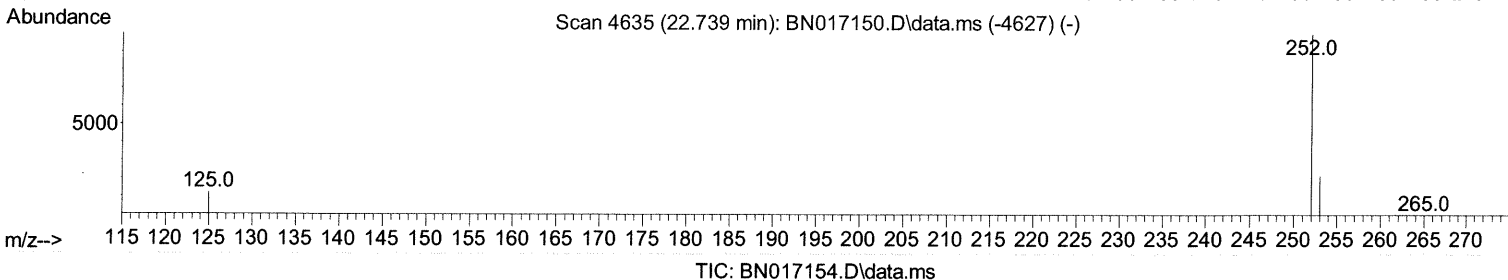
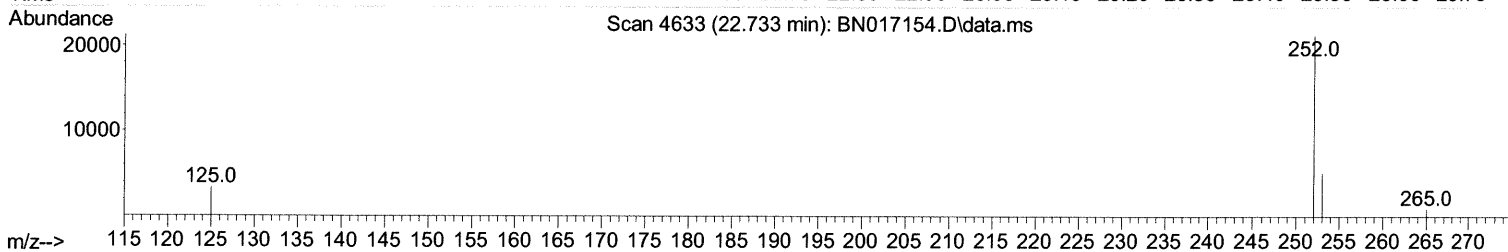
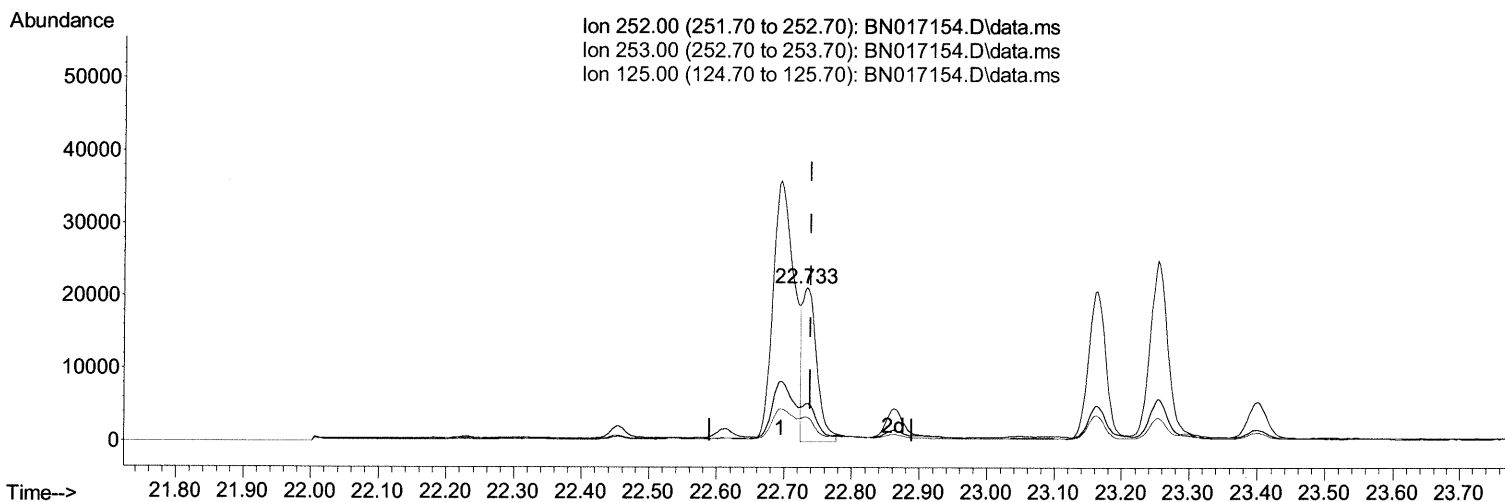
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 Sample : M4205-17  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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(25) Benzo(k)fluoranthene

22.733min (-0.006) 0.36 ng/ul m 10/30/2024

response 31012

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.90  | 24.45  |
| 125.00 | 12.50  | 15.86# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102721\  
 Data File : BN017154.D  
 Acq On : 28 Oct 2021 14:08  
 Operator : CG/JU  
 Sample : M4205-17  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
 APPROVED

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Quant Time: Oct 28 14:38:14 2021  
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| Compound                    | R.T.   | QIon | Response | Conc Units   | Dev(Min)      |
|-----------------------------|--------|------|----------|--------------|---------------|
| Internal Standards          |        |      |          |              |               |
| 1) 1,4-Dichlorobenzene-d4   | 7.531  | 152  | 3597     | 0.400 ng/ul  | 0.00          |
| 4) Naphthalene-d8           | 10.304 | 136  | 14182    | 0.400 ng/ul  | 0.00          |
| 9) Acenaphthene-d10         | 14.183 | 164  | 8752     | 0.400 ng/ul  | 0.00          |
| 13) Phenanthrene-d10        | 16.935 | 188  | 19897    | 0.400 ng/ul  | 0.00          |
| 17) Chrysene-d12            | 21.149 | 240  | 20771    | 0.400 ng/ul  | 0.00          |
| 23) Perylene-d12            | 23.352 | 264  | 20589    | 0.400 ng/ul  | 0.00          |
| System Monitoring Compounds |        |      |          |              |               |
| 3) 1,4-Dioxane-d8           | 3.054  | 96   | 1392     | 0.348 ng/ul  | 0.00          |
| 6) 2-Methylnaphthalene-d10  | 11.904 | 152  | 3306     | 0.160 ng/ul  | 0.00          |
| 18) Fluoranthene-d10        | 18.974 | 212  | 9597     | 0.176 ng/ul  | 0.00          |
| Target Compounds            |        |      |          |              |               |
|                             |        |      |          |              | Qvalue        |
| 5) Naphthalene              | 10.354 | 128  | 4524     | 0.115 ng/ul  | 97            |
| 7) 2-Methylnaphthalene      | 11.981 | 142  | 3684     | 0.136 ng/ul  | 100           |
| 8) 1-Methylnaphthalene      | 12.201 | 142  | 3871     | 0.139 ng/ul  | 99            |
| 10) Acenaphthylene          | 13.896 | 152  | 8462     | 0.244 ng/ul  | 98            |
| 11) Acenaphthene            | 14.243 | 153  | 1327     | 0.044 ng/ul  | 96            |
| 12) Fluorene                | 15.238 | 166  | 4526     | 0.128 ng/ul# | 96            |
| 15) Phenanthrene            | 16.977 | 178  | 107603   | 1.705 ng/ul  | 99            |
| 16) Anthracene              | 17.070 | 178  | 3844     | 0.073 ng/ul# | 95            |
| 19) Fluoranthene            | 19.007 | 202  | 151883   | 2.044 ng/ul  | 99            |
| 20) Pyrene                  | 19.369 | 202  | 120403   | 1.579 ng/ul  | 97            |
| 21) Benzo(a)anthracene      | 21.134 | 228  | 41250    | 0.606 ng/ul  | 97            |
| 22) Chrysene                | 21.184 | 228  | 61675    | 0.800 ng/ul  | 98            |
| 24) Benzo(b)fluoranthene    | 22.695 | 252  | 79374m   | 1.034 ng/ul  | > 10/30/21 JU |
| 25) Benzo(k)fluoranthene    | 22.733 | 252  | 31012m   | 0.356 ng/ul  |               |
| 26) Benzo(a)pyrene          | 23.253 | 252  | 45290    | 0.658 ng/ul  | 99            |
| 27) Indeno(1,2,3-cd)pyrene  | 25.564 | 276  | 38243    | 0.392 ng/ul# | 93            |
| 28) Dibenzo(a,h)anthracene  | 25.578 | 278  | 9109     | 0.118 ng/ul# | 86            |
| 29) Benzo(g,h,i)perylene    | 26.242 | 276  | 31692    | 0.383 ng/ul  | 98            |

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