

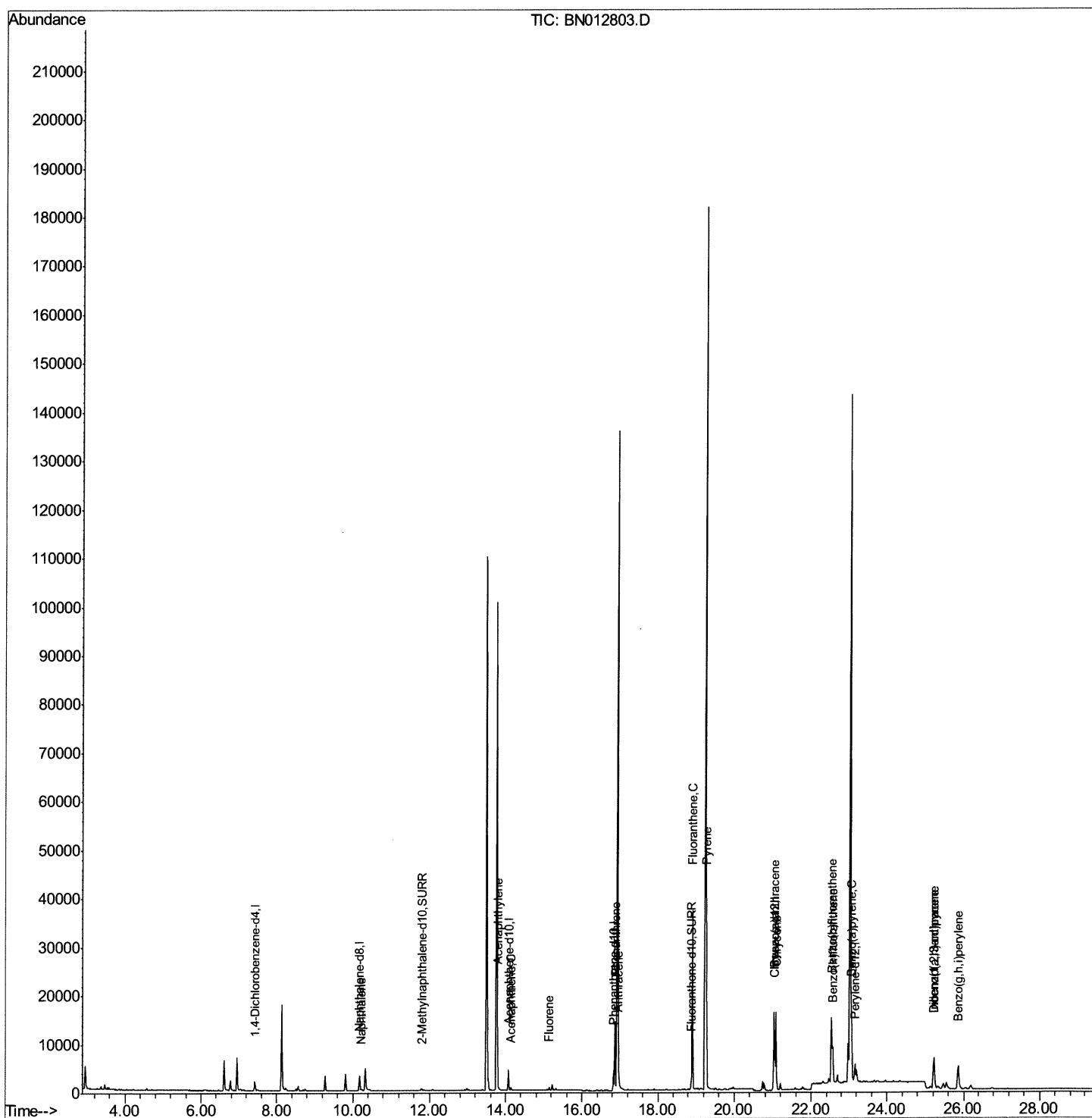
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\  
Data File : BN012803.D  
Acq On : 02 Dec 2020 04:29  
Operator : CG/JU  
Sample : L4793-17  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B48

Manual Integrations  
APPROVED

mohammad  
12/2/2020 2:28:28 PM

Quant Time: Dec 02 05:20:34 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 : Wed Dec 02 05:08:42 2020  
Response via : Initial Calibration



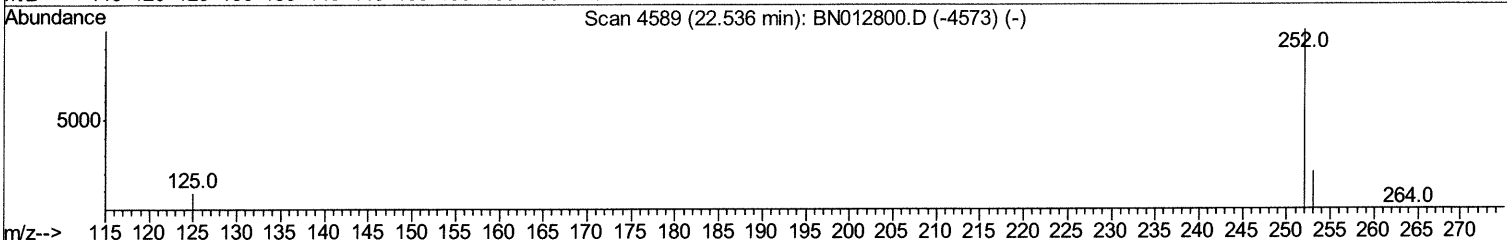
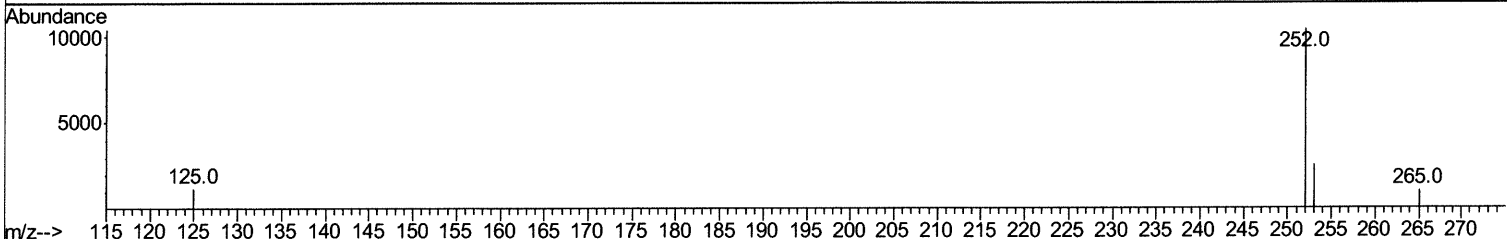
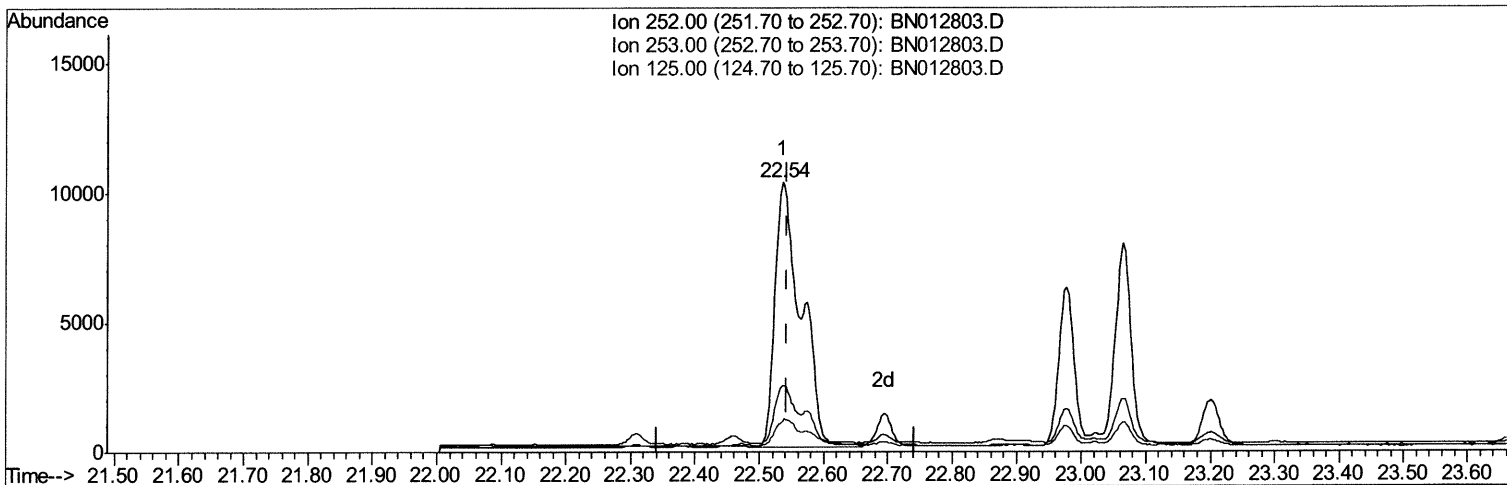
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TIC: BN012803.D

(21) Benzo(b)fluoranthene  
 22.535min (-0.007) 1.45ng/ul  
 response 29050

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.20 | 24.45 |
| 125.00 | 14.30 | 11.59 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

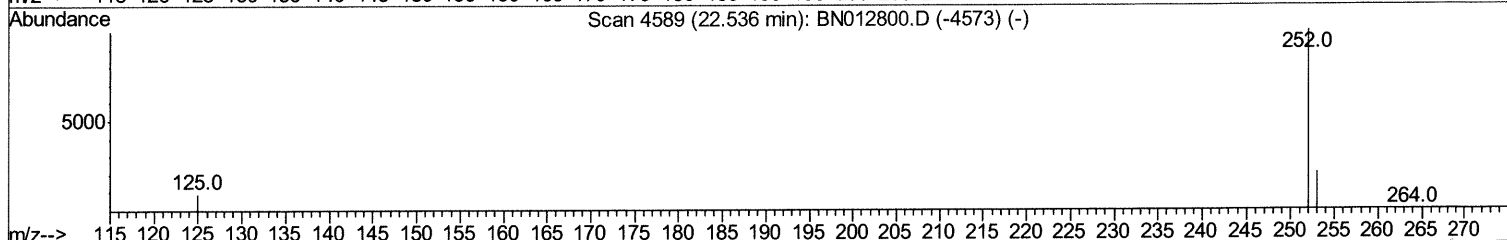
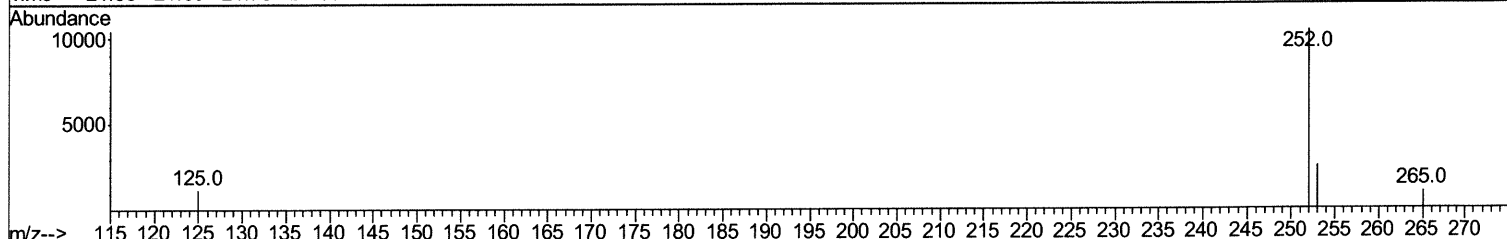
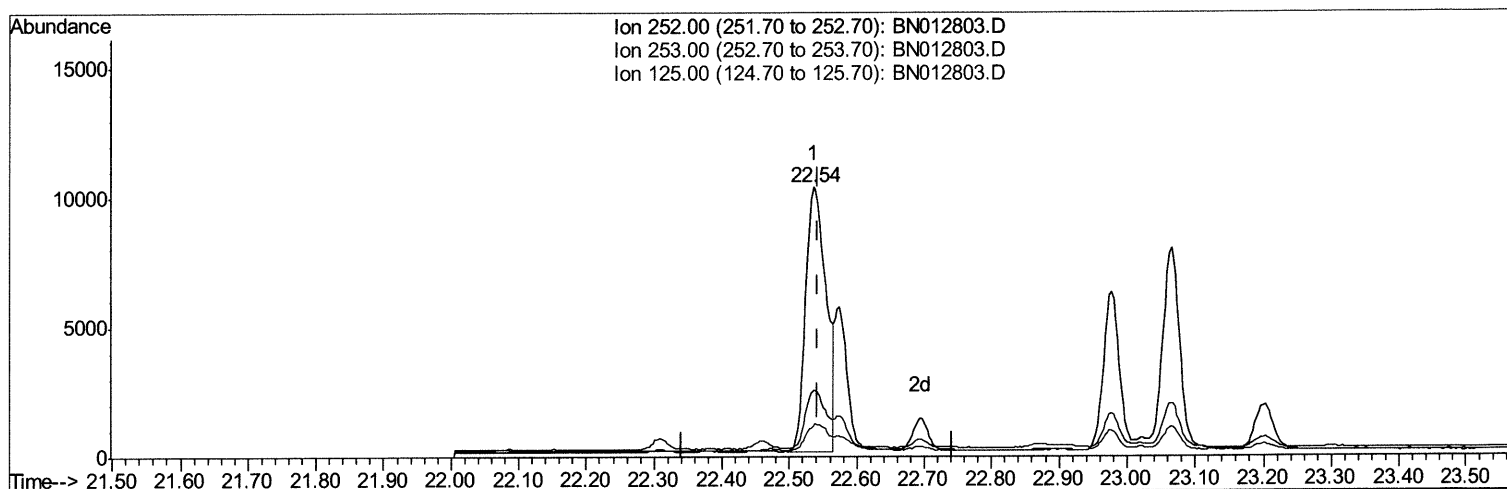
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TIC: BN012803.D

(21) Benzo(b)fluoranthene

22.535min (-0.007) 1.08ng/ul m 12/04/20 JU

response 21571

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.20 | 24.45 |
| 125.00 | 14.30 | 11.59 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

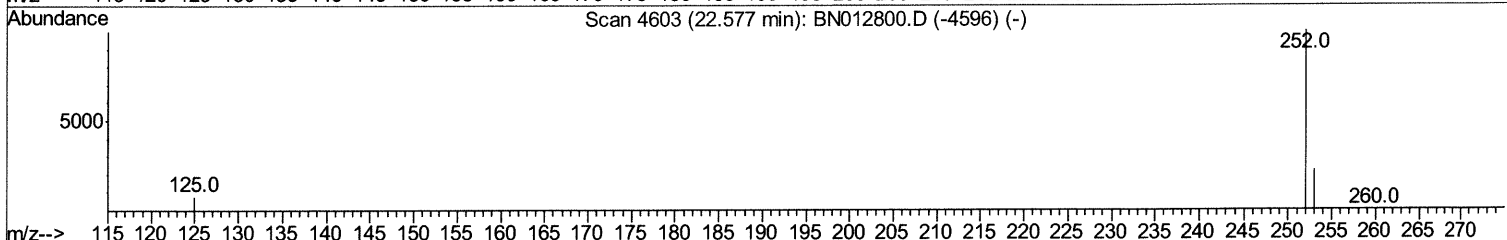
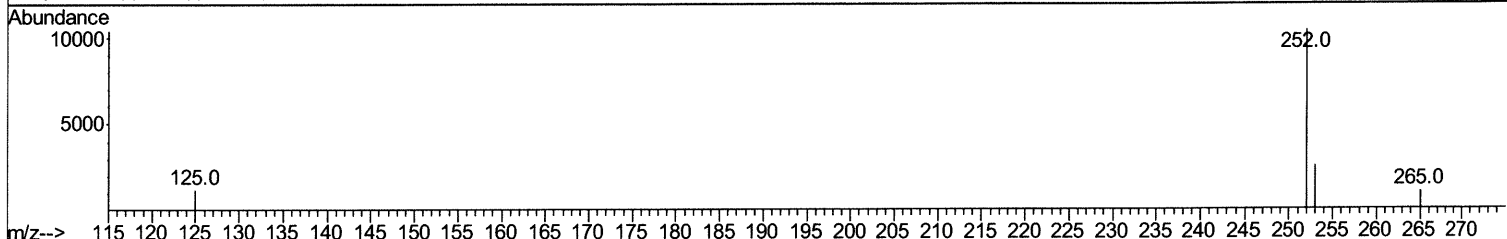
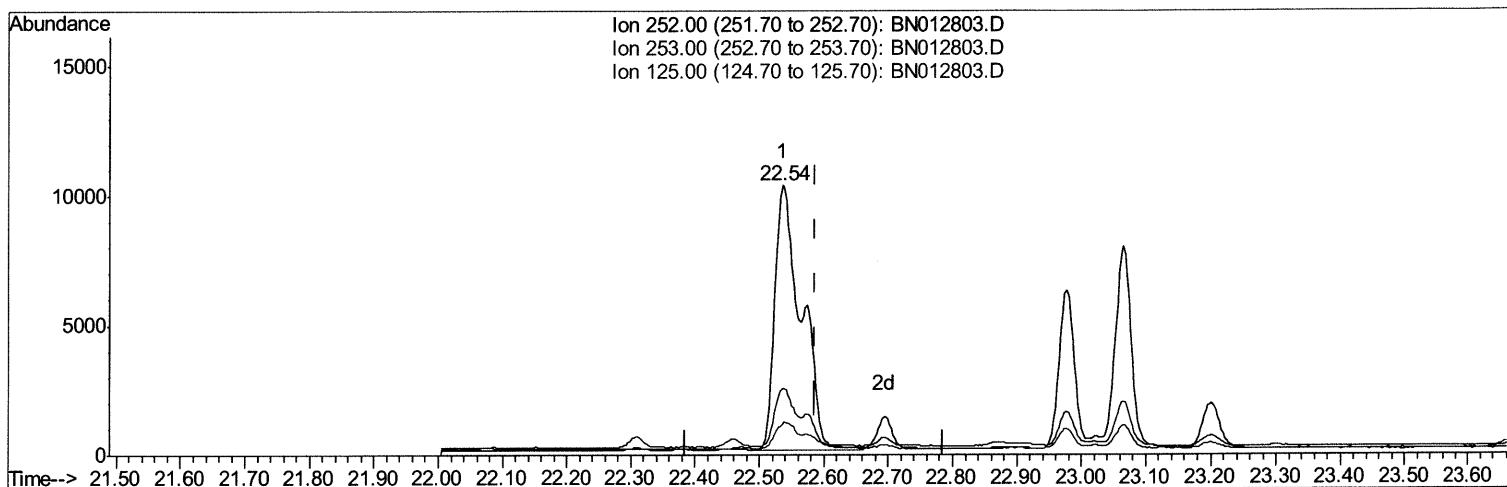
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TIC: BN012803.D

(22) Benzo(k)fluoranthene  
 22.535min (-0.051) 1.26ng/ul  
 response 29050  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.30 | 24.45 |
| 125.00 | 12.70 | 11.59 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

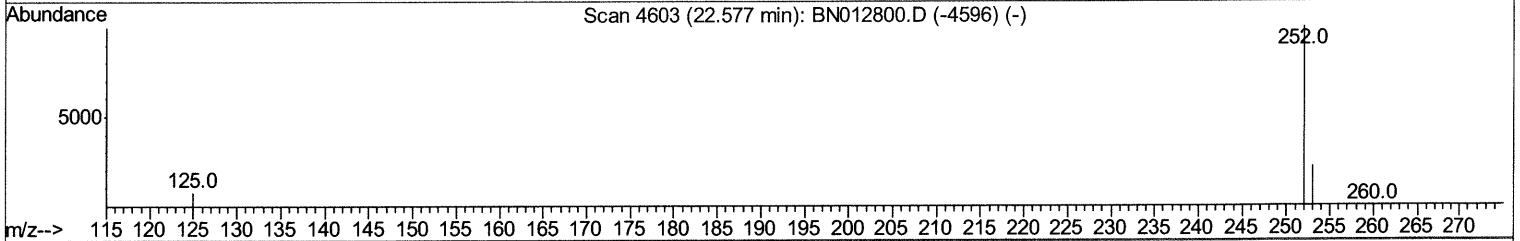
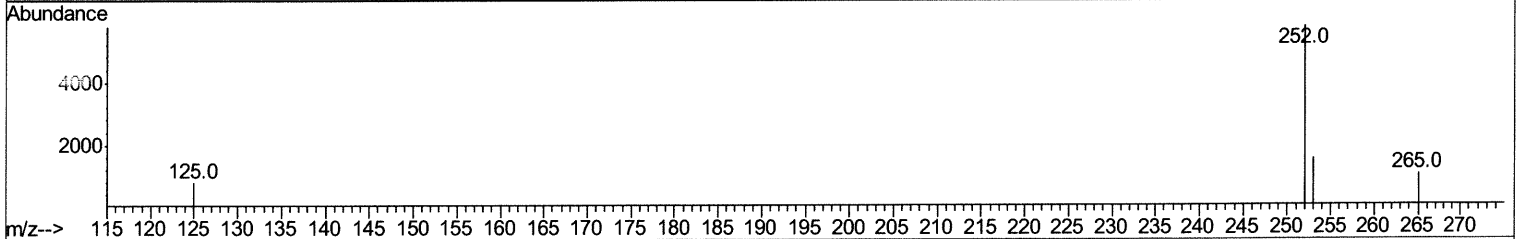
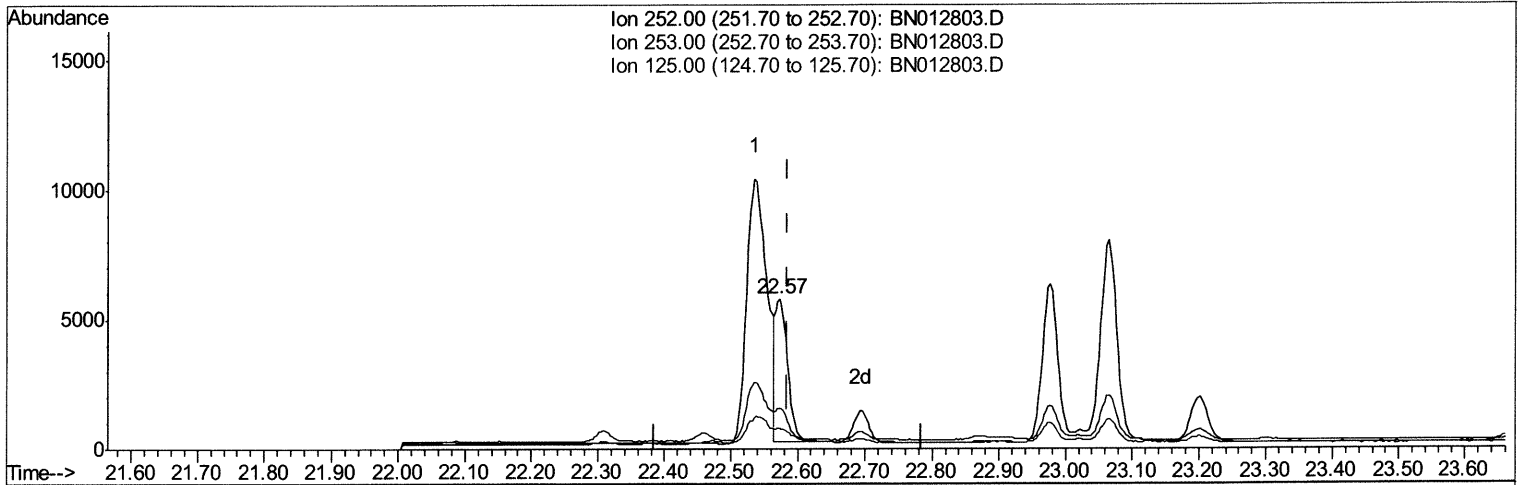
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TIC: BN012803.D

(22) Benzo(k)fluoranthene

22.573min (-0.013) 0.31ng/ul m 12/04/2024

response 7089

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.30 | 27.00 |
| 125.00 | 12.70 | 13.78 |
| 0.00   | 0.00  | 0.00  |

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 Sample : L4793-17  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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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 | 7.42  | 152  | 954      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.18 | 136  | 3910     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.08 | 164  | 2299     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.83 | 188  | 4926     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.05 | 240  | 4241     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.15 | 264  | 4353     | 0.40 | ng/ul | -0.01    |

## System Monitoring Compounds

|                            |       |     |      |      |       |      |
|----------------------------|-------|-----|------|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 11.79 | 152 | 625  | 0.11 | ng/ul | 0.00 |
| 14) Fluoranthene-d10       | 18.87 | 212 | 1562 | 0.12 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |        |       | Ovalue |    |
|----------------------------|-------|-----|--------|-------|--------|----|
| 3) Naphthalene             | 10.23 | 128 | 268    | 0.023 | ng/ul# | 54 |
| 7) Acenaphthylene          | 13.79 | 152 | 319    | 0.028 | ng/ul# | 63 |
| 8) Acenaphthene            | 14.14 | 153 | 366    | 0.039 | ng/ul  | 94 |
| 9) Fluorene                | 15.14 | 166 | 458    | 0.044 | ng/ul# | 95 |
| 12) Phenanthrene           | 16.87 | 178 | 14655  | 0.855 | ng/ul  | 97 |
| 13) Anthracene             | 16.97 | 178 | 2603   | 0.175 | ng/ul  | 99 |
| 15) Fluoranthene           | 18.90 | 202 | 32216  | 1.628 | ng/ul  | 98 |
| 17) Pyrene                 | 19.27 | 202 | 29368  | 1.548 | ng/ul  | 99 |
| 18) Benzo(a)anthracene     | 21.03 | 228 | 13068  | 0.860 | ng/ul  | 98 |
| 19) Chrysene               | 21.08 | 228 | 15461  | 0.814 | ng/ul  | 99 |
| 21) Benzo(b)fluoranthene   | 22.54 | 252 | 21571m | 1.077 | ng/ul# | 84 |
| 22) Benzo(k)fluoranthene   | 22.57 | 252 | 7089m  | 0.307 | ng/ul# | 56 |
| 23) Benzo(a)pyrene         | 23.06 | 252 | 13428  | 0.712 | ng/ul# | 84 |
| 24) Indeno(1,2,3-cd)pyrene | 25.22 | 276 | 9815   | 0.398 | ng/ul# | 56 |
| 25) Dibenzo(a,h)anthracene | 25.23 | 278 | 2308   | 0.117 | ng/ul# | 84 |
| 26) Benzo(a,h,i)perylene   | 25.86 | 276 | 9383   | 0.423 | ng/ul  | 98 |

12/04/20 JU

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