

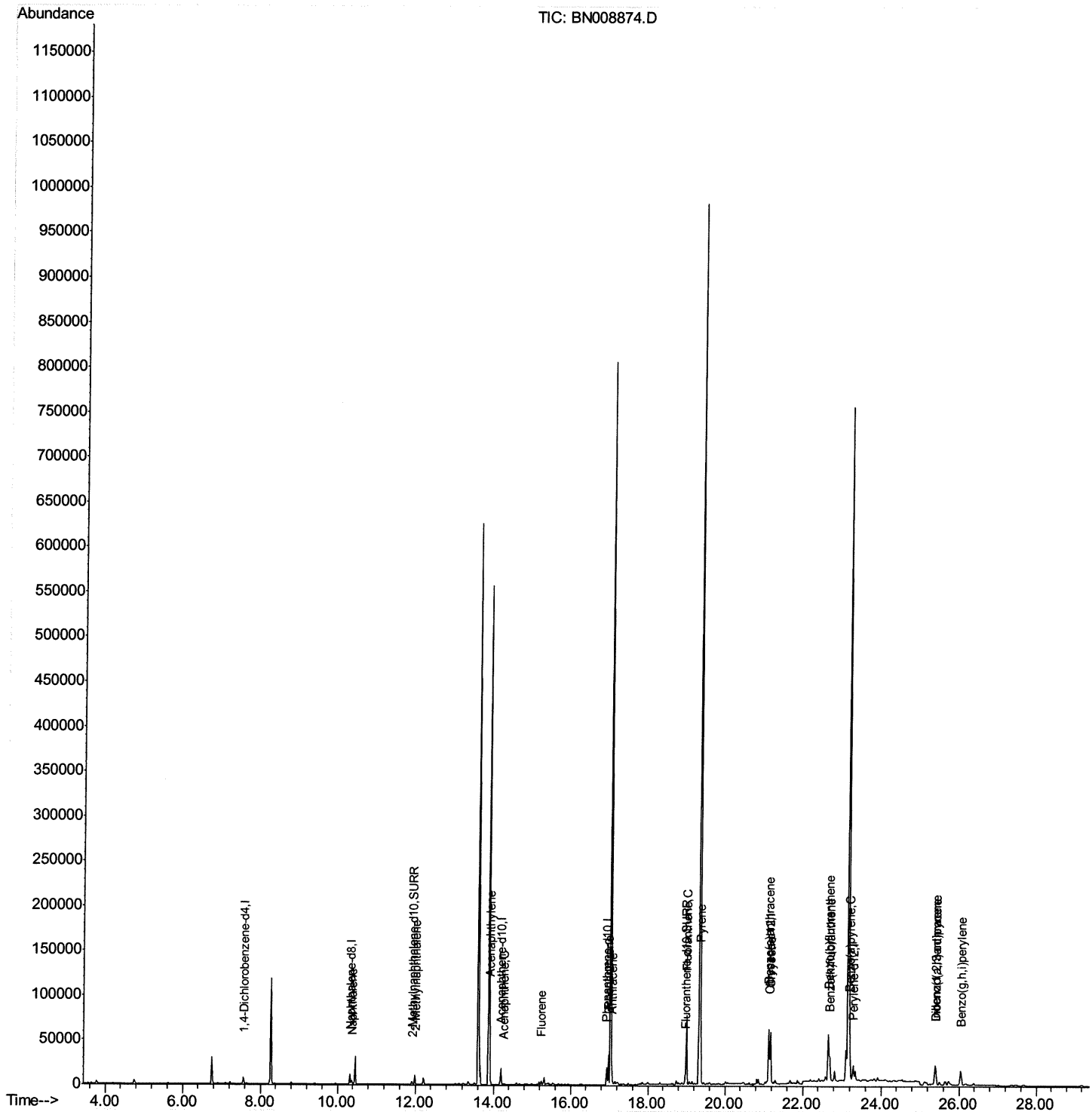
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\  
Data File : BN008874.D  
Acq On : 06 Dec 2019 23:48  
Operator : JU  
Sample : K6007-16  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0BM2

Manual Integrations  
APPROVED

mohammad  
12/9/2019 3:08:06 PM

Quant Time: Dec 07 01:52:38 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 06 23:00:12 2019  
Response via : Initial Calibration



# Quantitation Report (Qedit)

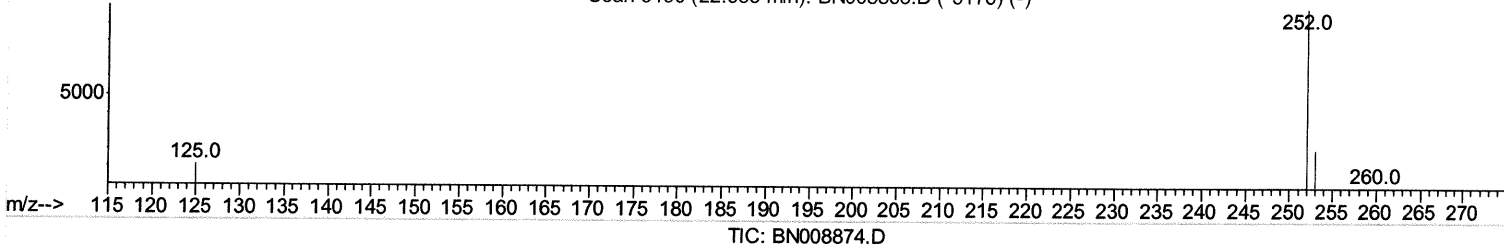
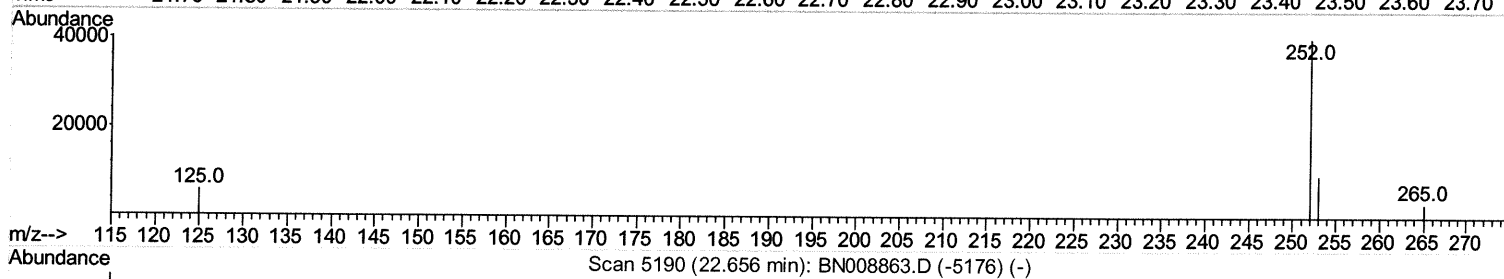
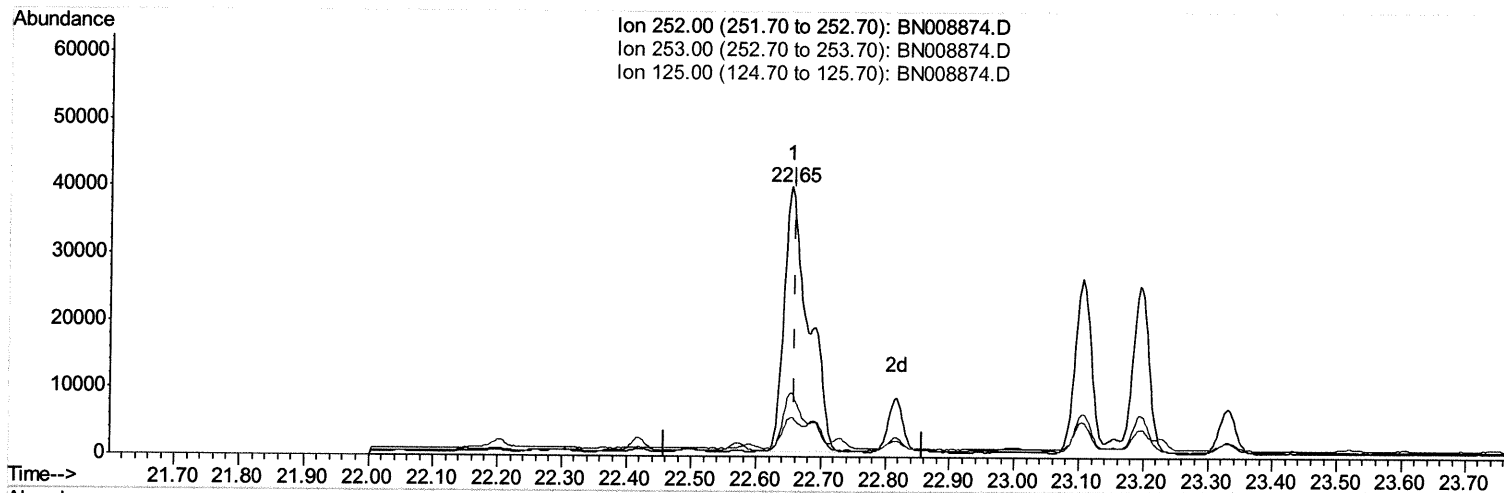
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(21) Benzo(b)fluoranthene

22.653min (-0.006) 1.19ng/ul

response 104814

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.30 | 23.50 |
| 125.00 | 15.80 | 14.51 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

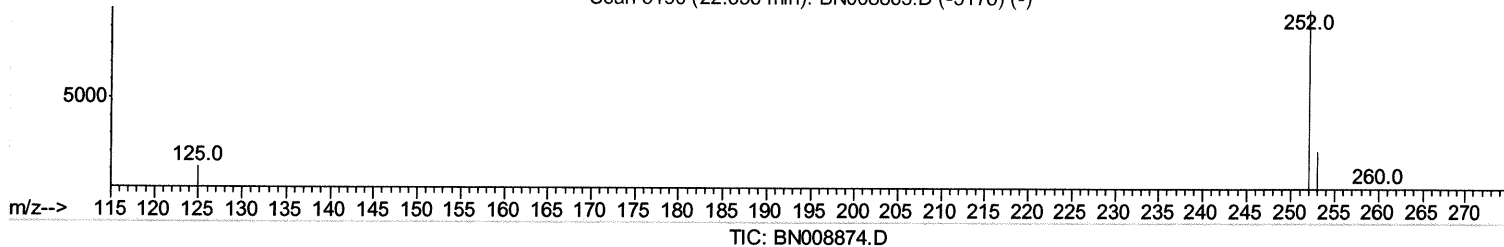
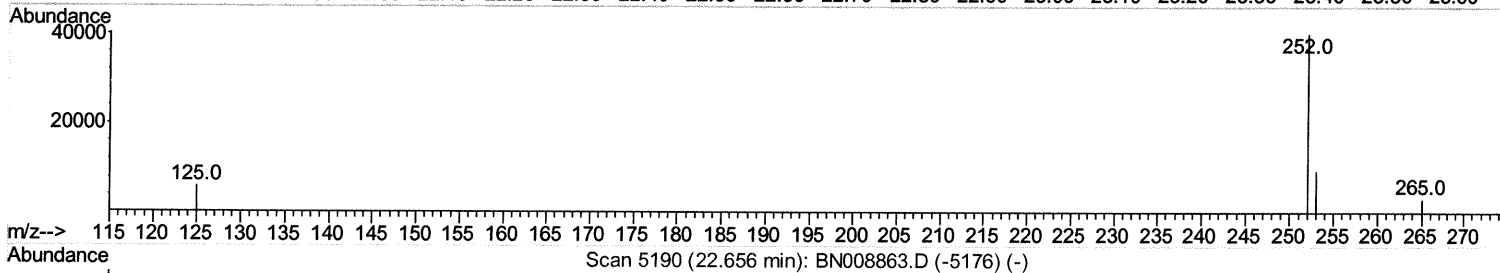
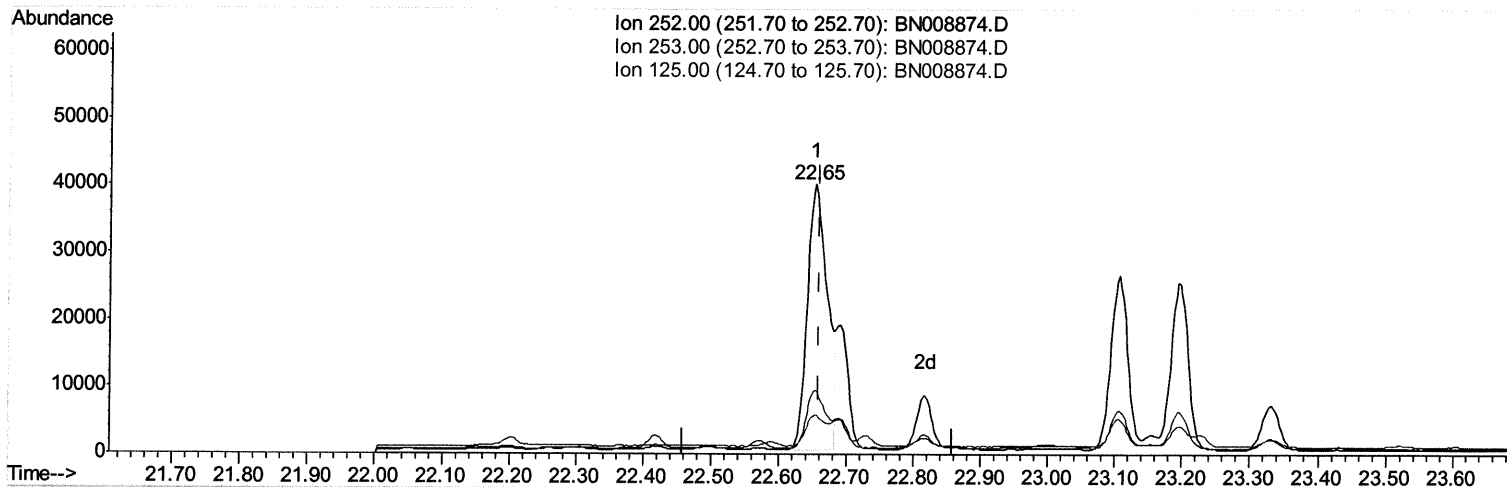
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(21) Benzo(b)fluoranthene

22.653min (-0.006) 0.94ng/ul m JU 12/10/19

response 82706

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.30 | 23.50 |
| 125.00 | 15.80 | 14.51 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

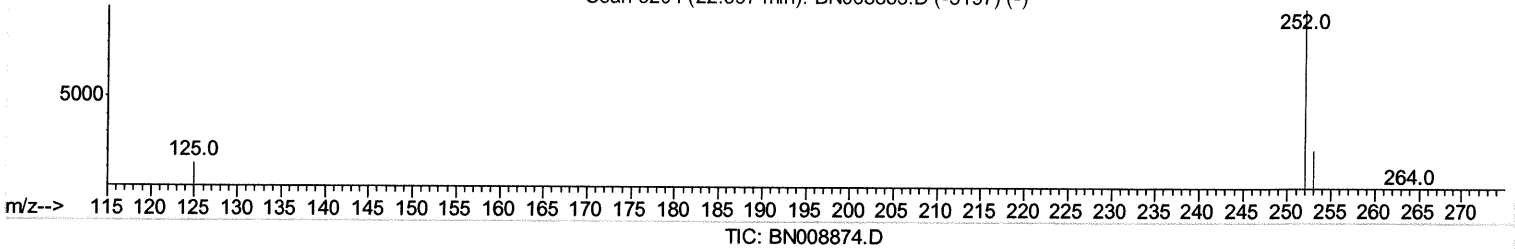
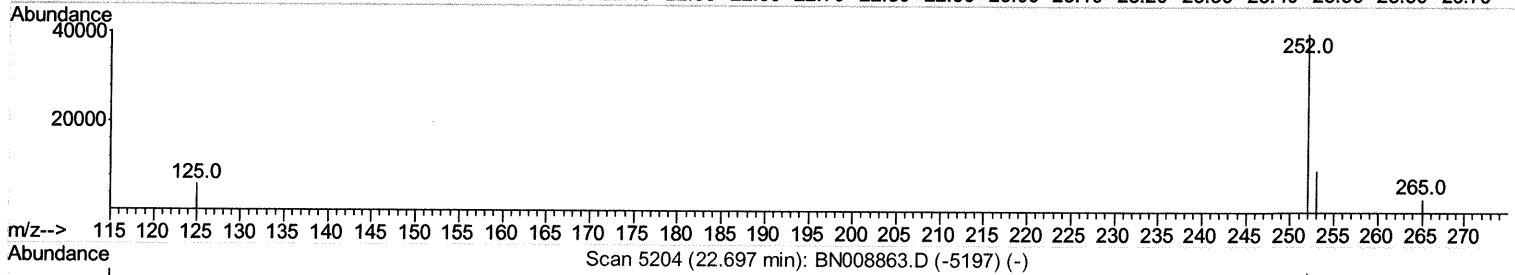
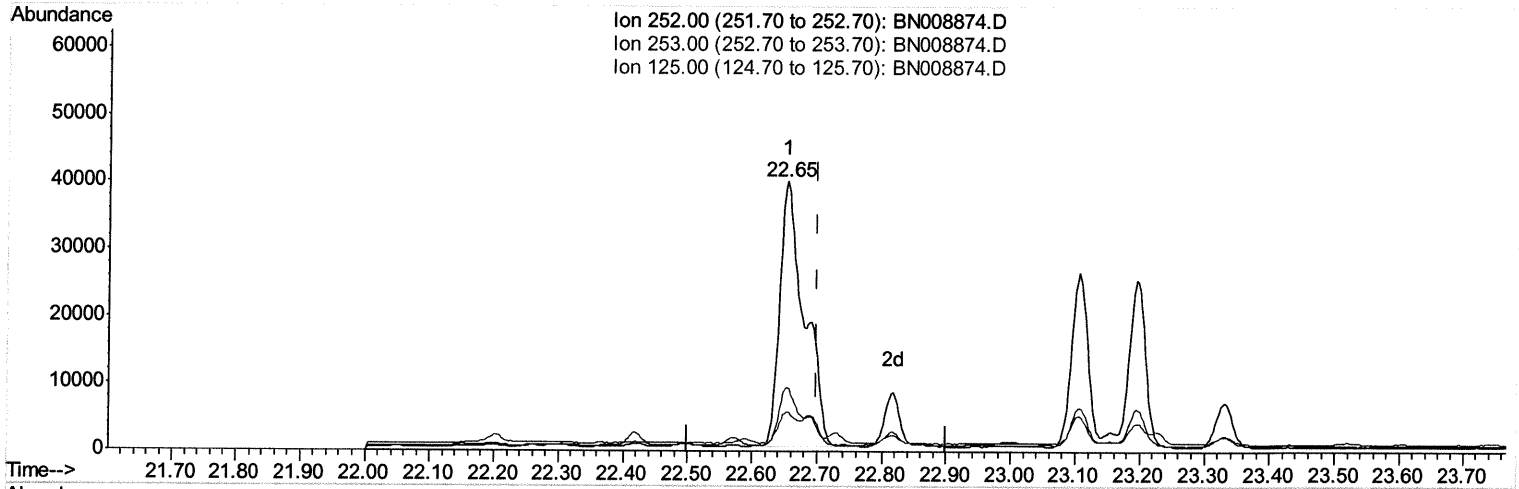
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\  
 Data File : BN008874.D  
 Acq On : 06 Dec 2019 23:48  
 Operator : JU  
 Sample : K6007-16  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
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 Response via : Initial Calibration



(22) Benzo(k)fluoranthene  
 22.653min (-0.047) 1.20ng/ul  
 response 104814  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.50 | 23.50 |
| 125.00 | 17.20 | 14.51 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

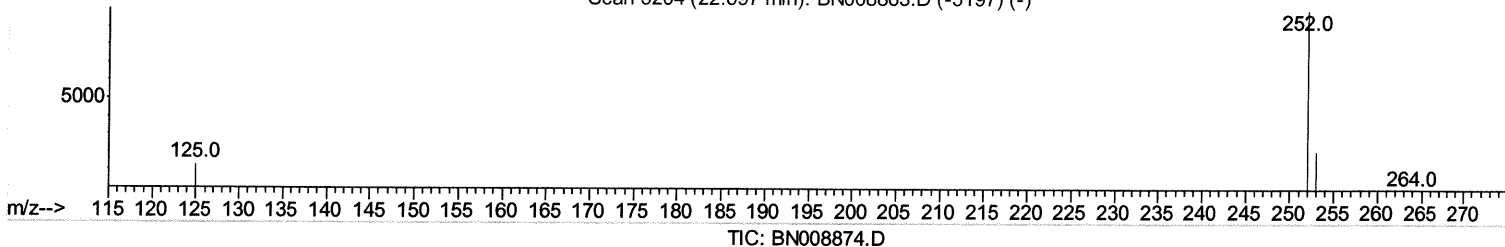
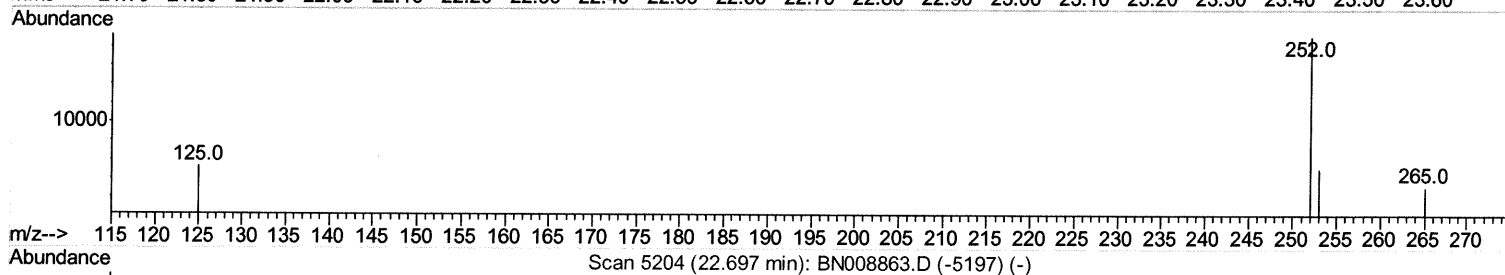
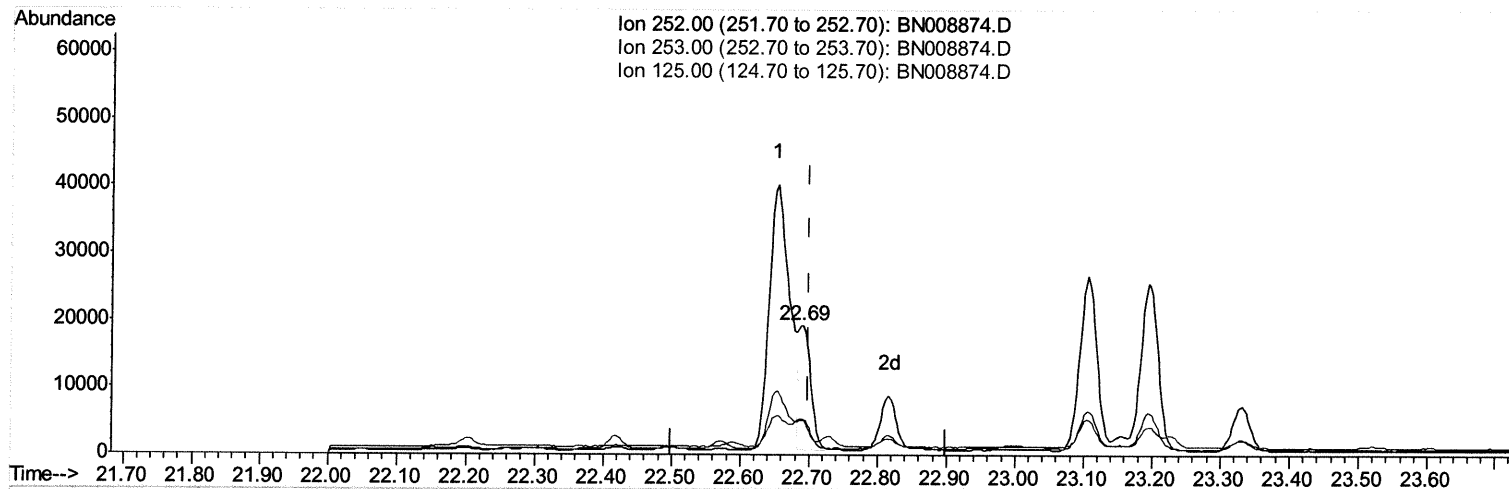
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Instrument :  
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(22) Benzo(k)fluoranthene

22.688min (-0.012) 0.26ng/ul m *JU 12/10/19*

response 22785

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.50 | 26.81  |
| 125.00 | 17.20 | 27.43# |
| 0.00   | 0.00  | 0.00   |

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 Operator : JU  
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 Misc :  
 ALS Vial : 21 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 | 7.56  | 152  | 3022     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.32 | 136  | 13801    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.19 | 164  | 9436     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.94 | 188  | 21221    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.14 | 240  | 19213    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.28 | 264  | 21310    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.92 | 152  | 4326     | 0.19 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 18.97 | 212  | 12764    | 0.20 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue        |
|----------------------------|-------|------|----------|-------|--------|---------------|
| 3) Naphthalene             | 10.37 | 128  | 6342     | 0.152 | ng/ul  | 97            |
| 5) 2-Methylnaphthalene     | 11.99 | 142  | 7299     | 0.251 | ng/ul  | 99            |
| 7) Acenaphthylene          | 13.91 | 152  | 7757     | 0.149 | ng/ul  | 97            |
| 8) Acenaphthene            | 14.26 | 153  | 907      | 0.023 | ng/ul# | 94            |
| 9) Fluorene                | 15.25 | 166  | 1895     | 0.042 | ng/ul# | 83            |
| 12) Phenanthrene           | 16.98 | 178  | 35511    | 0.496 | ng/ul  | 99            |
| 13) Anthracene             | 17.07 | 178  | 7599     | 0.112 | ng/ul# | 94            |
| 15) Fluoranthene           | 19.00 | 202  | 65384    | 0.744 | ng/ul  | 99            |
| 17) Pyrene                 | 19.37 | 202  | 64627    | 0.838 | ng/ul  | 97            |
| 18) Benzo(a)anthracene     | 21.12 | 228  | 48647    | 0.630 | ng/ul# | 93            |
| 19) Chrysene               | 21.17 | 228  | 60430    | 0.796 | ng/ul# | 95            |
| 21) Benzo(b)fluoranthene   | 22.65 | 252  | 82706m   | 0.941 | ng/ul  | } JU 12/10/19 |
| 22) Benzo(k)fluoranthene   | 22.69 | 252  | 22785m   | 0.261 | ng/ul  |               |
| 23) Benzo(a)pyrene         | 23.19 | 252  | 43976    | 0.533 | ng/ul  |               |
| 24) Indeno(1,2,3-cd)pyrene | 25.40 | 276  | 30409    | 0.315 | ng/ul# | 94            |
| 25) Dibenzo(a,h)anthracene | 25.40 | 278  | 9880     | 0.127 | ng/ul# | 79            |
| 26) Benzo(a,h,i)perylene   | 26.04 | 276  | 29053    | 0.360 | ng/ul  | 99            |

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