

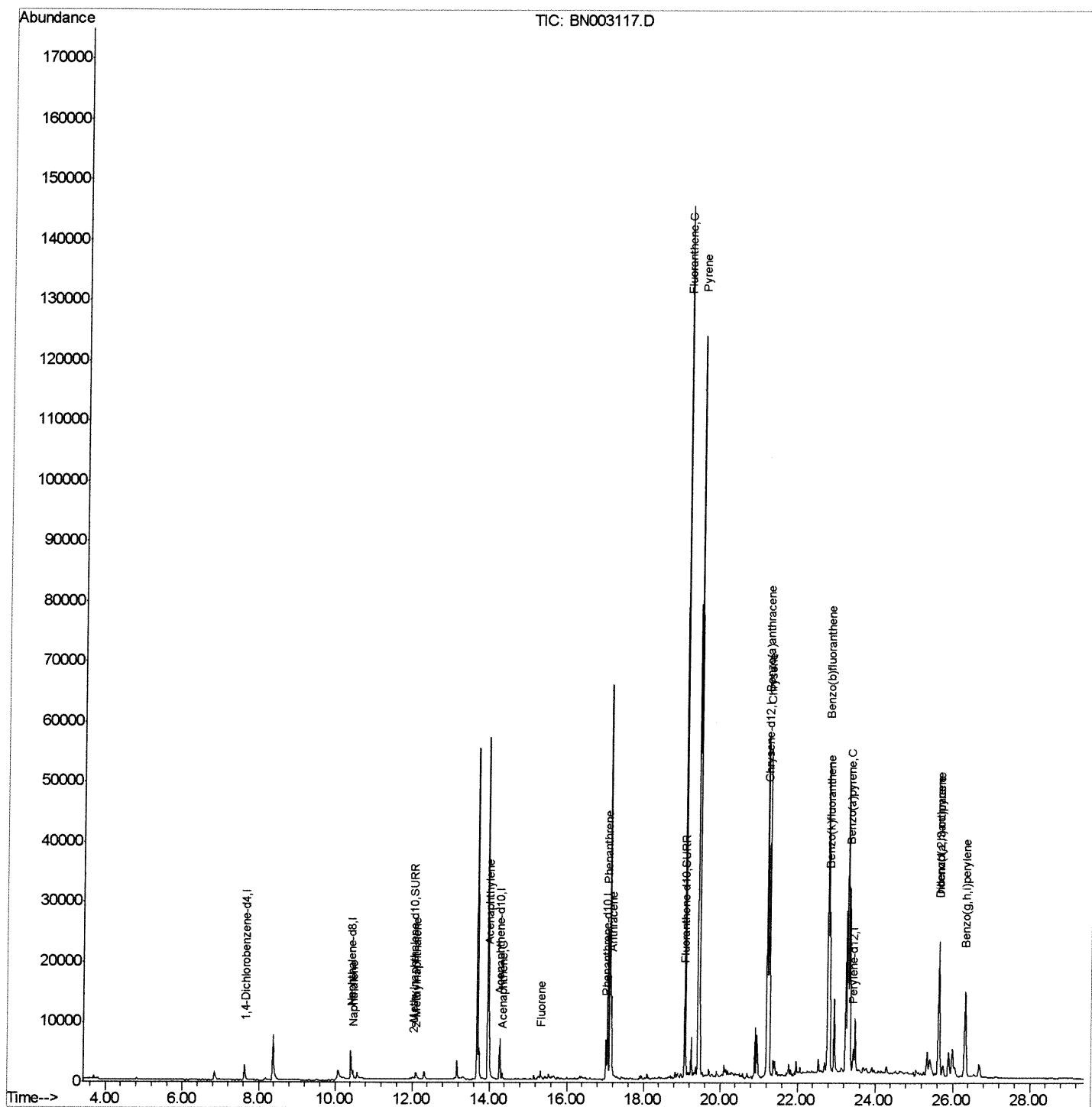
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\  
Data File : BN003117.D  
Acq On : 11 Oct 2018 23:32  
Operator : MJ/SJ  
Sample : J5230-04DL 5X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A3YY0DL

Manual Integrations  
APPROVED

Sohil  
10/12/2018 6:38:26 PM

Quant Time: Oct 12 07:11:02 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 12 05:29:36 2018  
Response via : Initial Calibration



## Quantitation Report (Qedit)

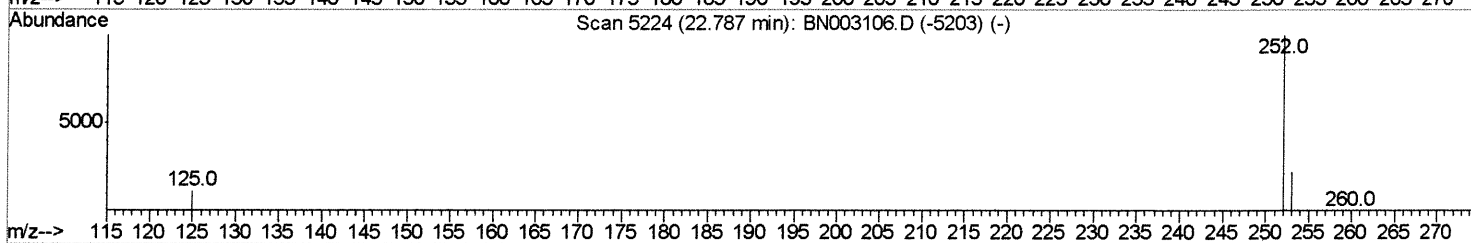
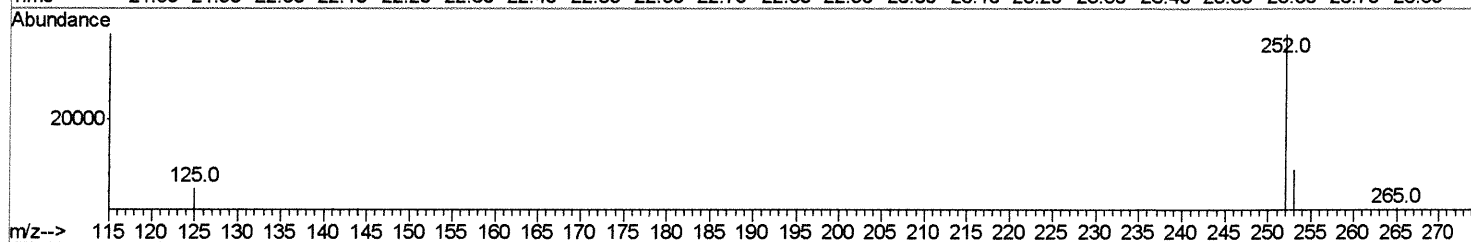
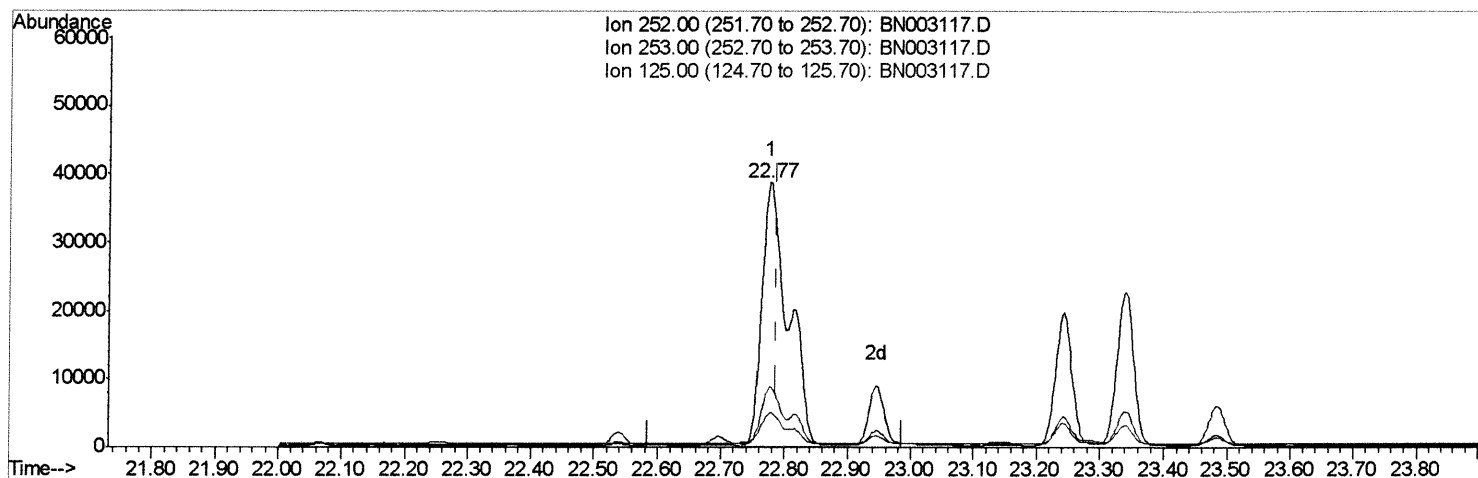
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TIC: BN003117.D

(21) Benzo(b)fluoranthene

22.775min (-0.012) 5.62ng/ul

response 111025

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.60 | 22.62 |
| 125.00 | 17.10 | 12.80 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

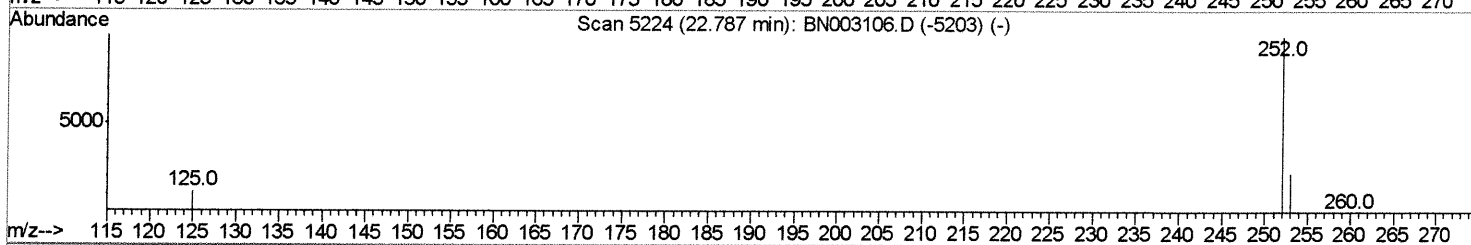
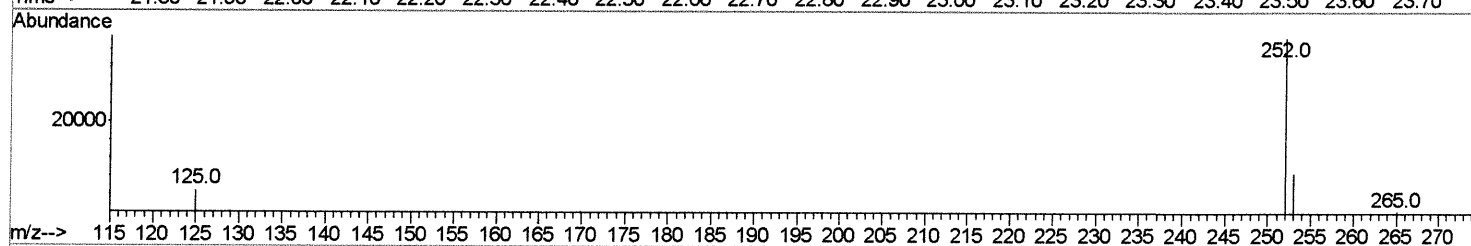
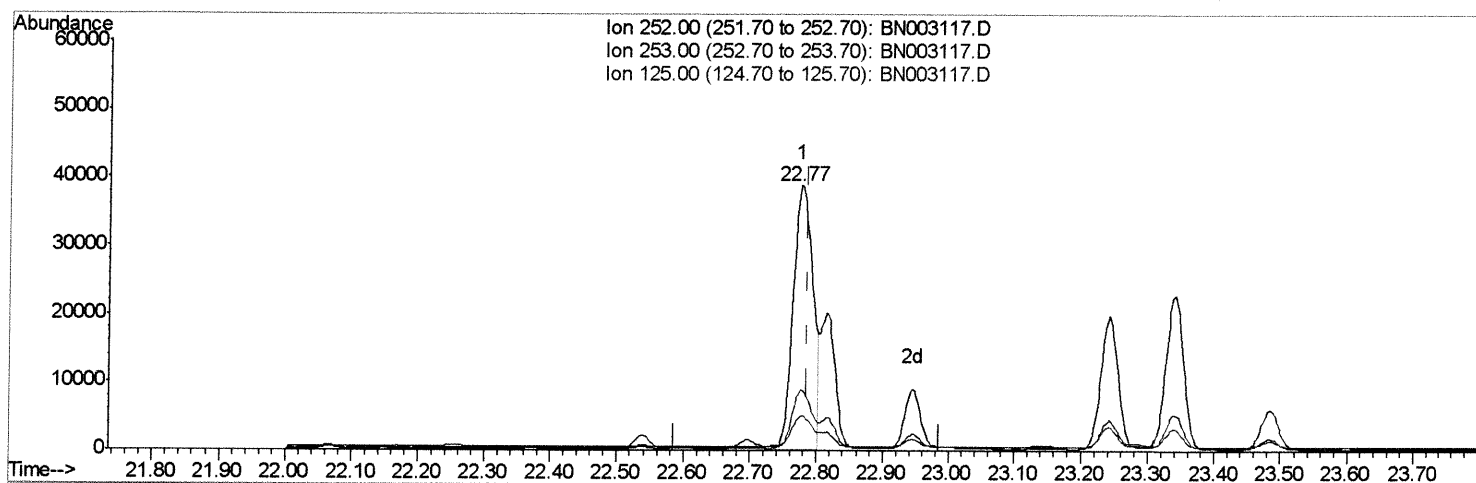
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TIC: BN003117.D

(21) Benzo(b)fluoranthene

22.775min (-0.012) 4.06ng/ul m

response 80302

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.60 | 22.62 |
| 125.00 | 17.10 | 12.80 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

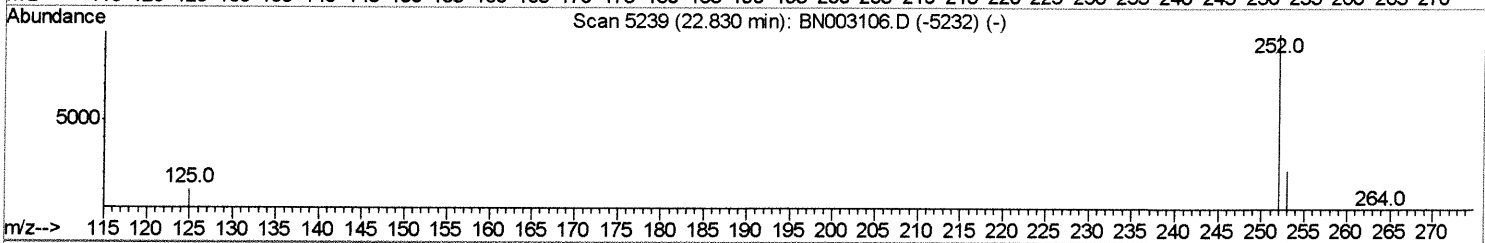
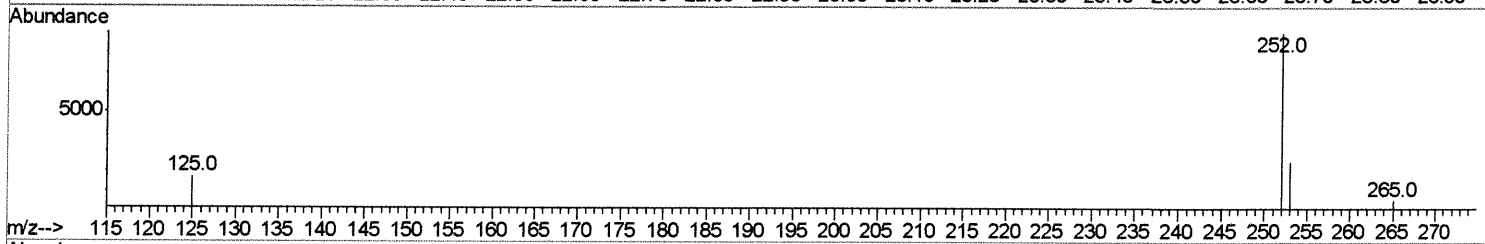
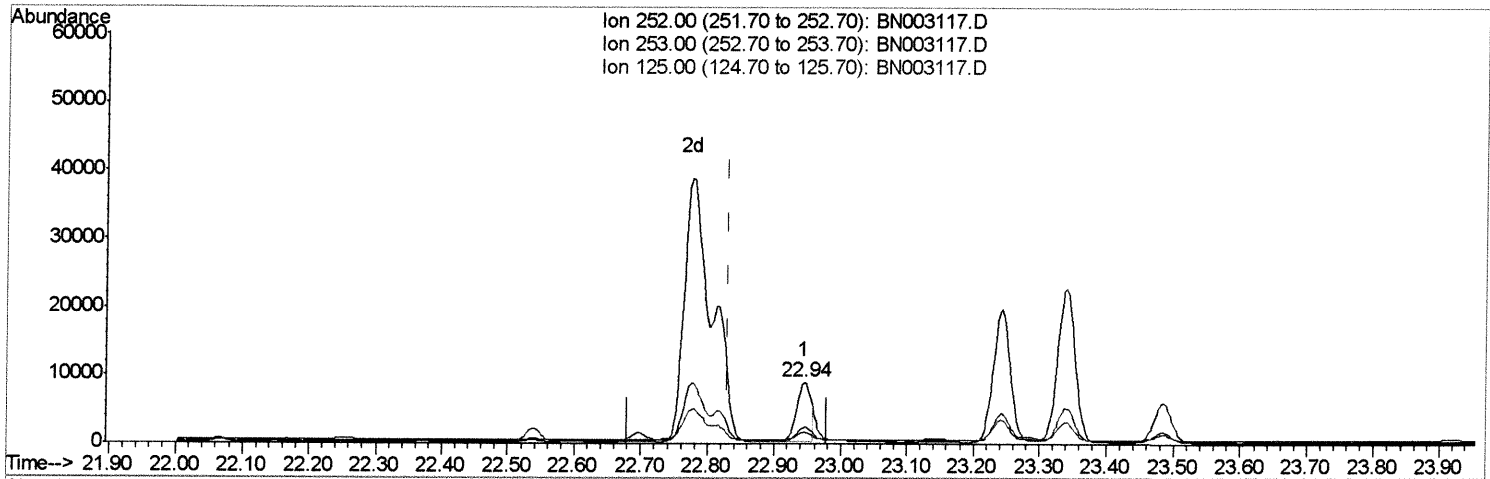
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 Sample : J5230-04DL 5X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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TIC: BN003117.D

(22) Benzo(k)fluoranthene

22.945min (+0.114) 0.62ng/ui

response 12717

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.60 | 27.57 |
| 125.00 | 17.60 | 18.65 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

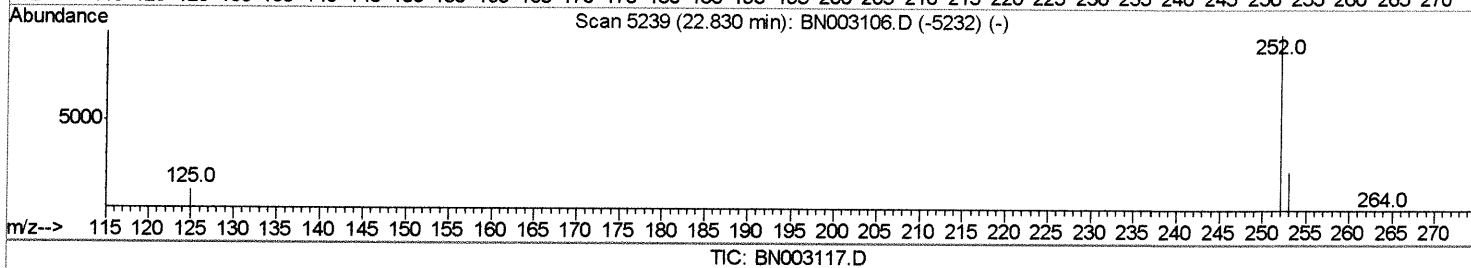
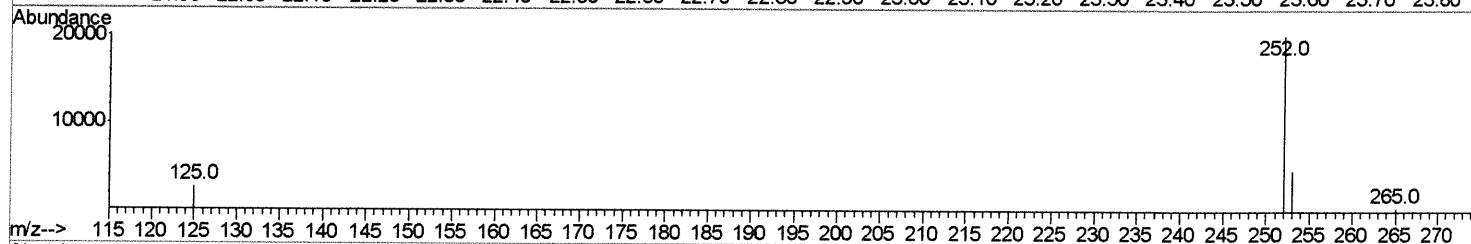
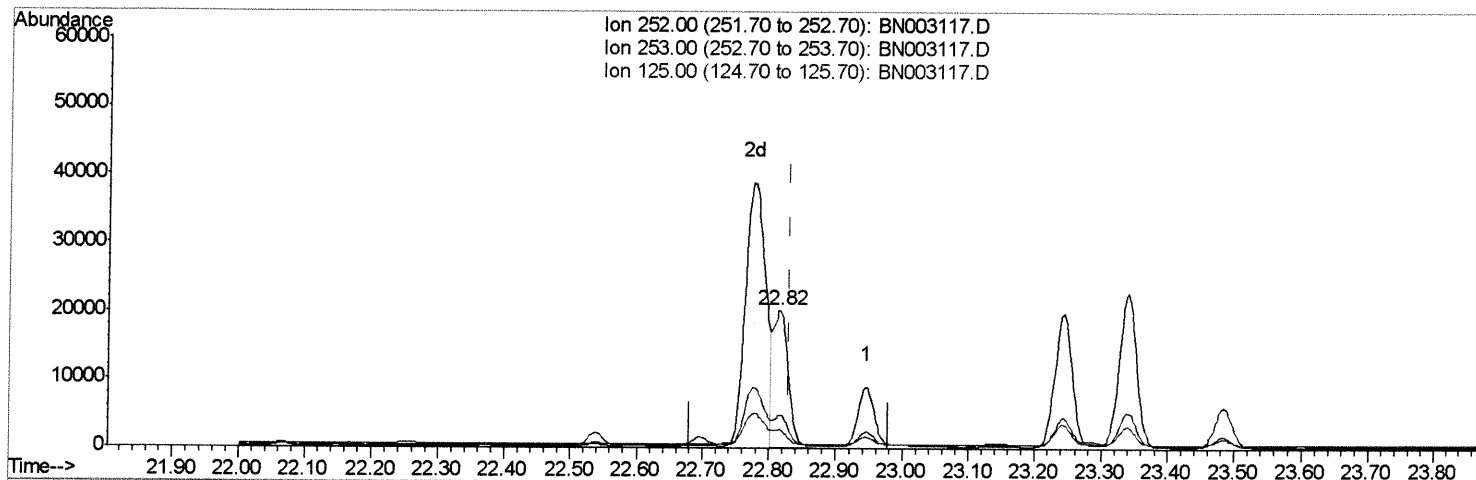
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 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.816min (-0.014) 1.52ng/ul m > SD 10/12/18

response 31191

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 23.95  |
| 125.00 | 17.60 | 13.63# |
| 0.00   | 0.00  | 0.00   |

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 1711     | 0.40 | ng/ul | -0.01    |
| 2) Naphthalene-d8         | 10.40 | 136  | 7082     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.26 | 164  | 3825     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.01 | 188  | 7729     | 0.40 | ng/ul | -0.02    |
| 16) Chrysene-d12          | 21.22 | 240  | 5089     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.44 | 264  | 5487     | 0.40 | ng/ul | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 599      | 0.05 | ng/ul | 0.01     |
| 14) Fluoranthene-d10        | 19.05 | 212  | 1132     | 0.05 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 10.45 | 128  | 2025     | 0.111 | ng/ul# | 93     |
| 5) 2-Methylnaphthalene     | 12.09 | 142  | 1285     | 0.103 | ng/ul  | 95     |
| 7) Acenaphthylene          | 13.98 | 152  | 15684    | 0.896 | ng/ul  | 99     |
| 8) Acenaphthene            | 14.32 | 153  | 703      | 0.053 | ng/ul# | 93     |
| 9) Fluorene                | 15.32 | 166  | 1180     | 0.078 | ng/ul# | 96     |
| 12) Phenanthrene           | 17.06 | 178  | 27316    | 1.268 | ng/ul  | 99     |
| 13) Anthracene             | 17.15 | 178  | 15645    | 0.769 | ng/ul  | 99     |
| 15) Fluoranthene           | 19.08 | 202  | 123208   | 4.874 | ng/ul  | 100    |
| 17) Pyrene                 | 19.45 | 202  | 104145   | 5.269 | ng/ul  | 97     |
| 18) Benzo(a)anthracene     | 21.21 | 228  | 49771    | 3.039 | ng/ul  | 100    |
| 19) Chrysene               | 21.26 | 228  | 55232    | 3.321 | ng/ul  | 99     |
| 21) Benzo(b)fluoranthene   | 22.77 | 252  | 80302m   | 4.064 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 22.82 | 252  | 31191m   | 1.523 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.34 | 252  | 41666    | 2.353 | ng/ul# | 88     |
| 24) Indeno(1,2,3-cd)pyrene | 25.64 | 276  | 34433    | 1.692 | ng/ul# | 93     |
| 25) Dibenzo(a,h)anthracene | 25.64 | 278  | 10006    | 0.614 | ng/ul  | 100    |
| 26) Benzo(a,h,i)perylene   | 26.32 | 276  | 28406    | 1.655 | ng/ul  | 94     |

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

5/10/12/18