

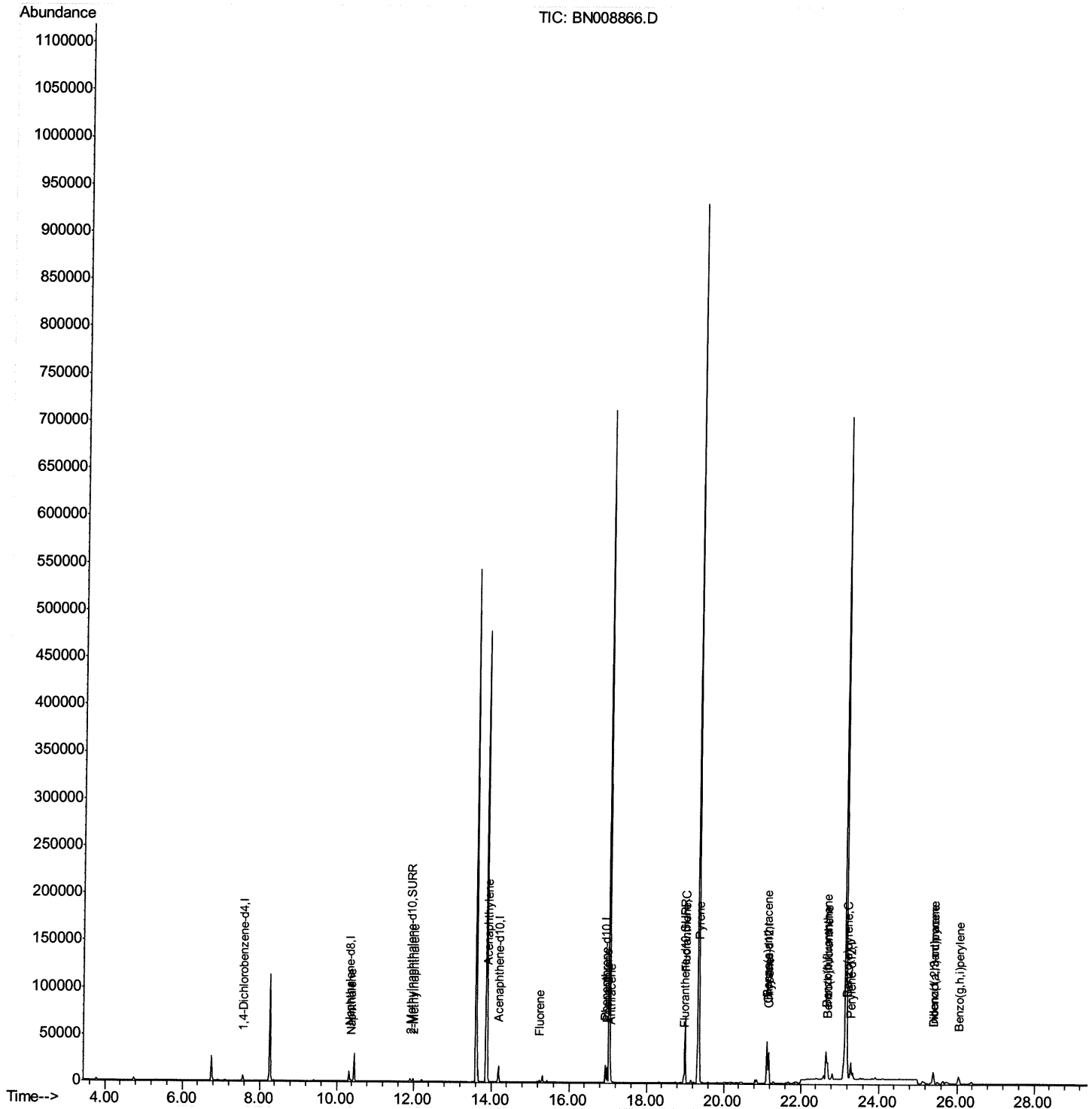
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\  
Data File : BN008866.D  
Acq On : 06 Dec 2019 19:02  
Operator : JU  
Sample : K6007-12  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0BL8

Manual Integrations  
APPROVED

mohammad  
12/9/2019 3:07:45 PM

Quant Time: Dec 06 23:11:08 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 12:03:45 2019  
Response via : Initial Calibration



# Quantitation Report (Qedit)

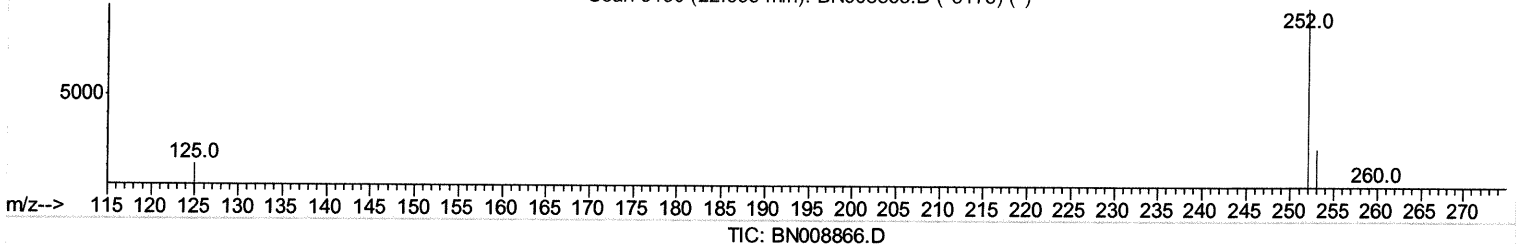
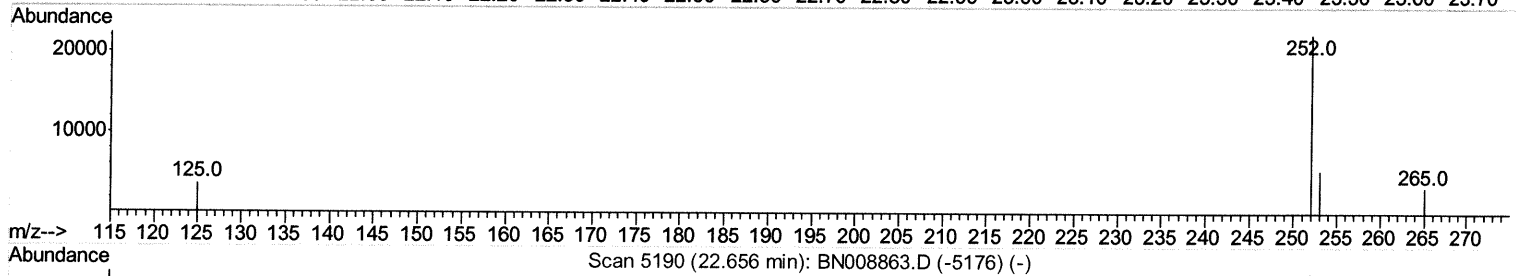
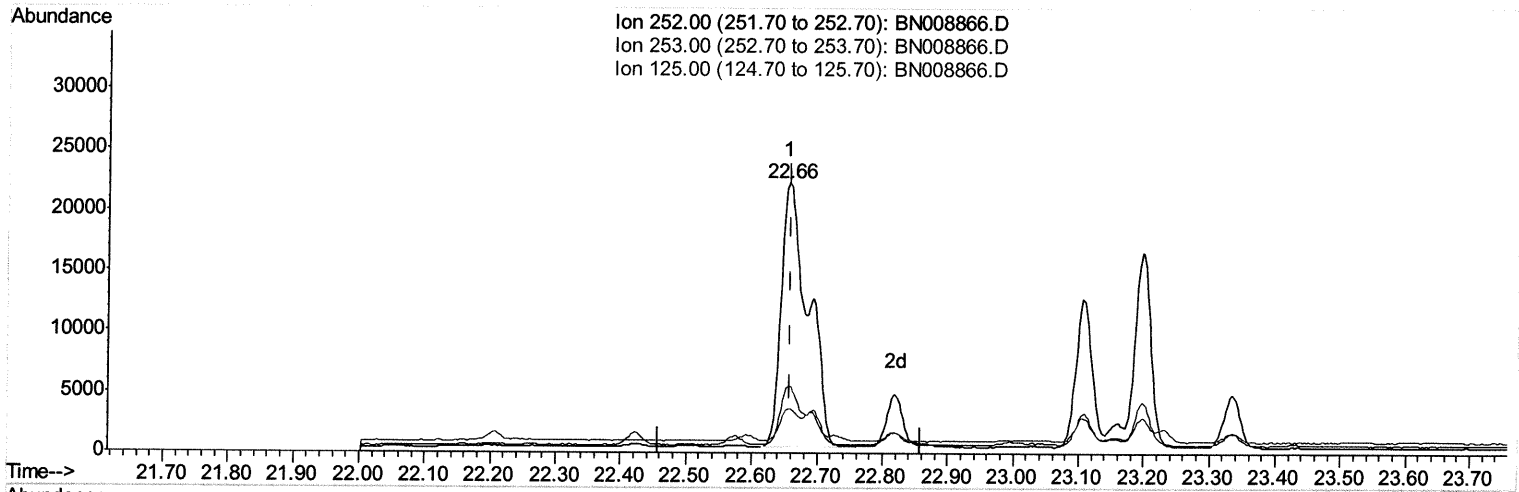
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Quant Time: Dec 06 22:57:52 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 06 12:03:45 2019  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.656min (-0.003) 0.71ng/ul

response 62174

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.30 | 24.63 |
| 125.00 | 15.80 | 16.23 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

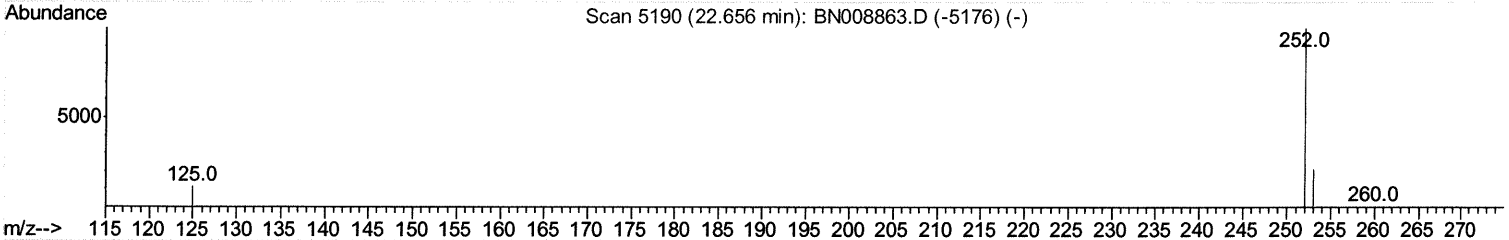
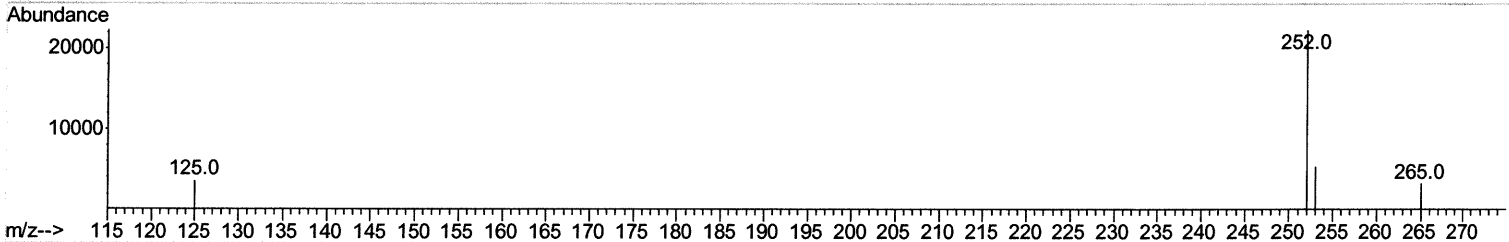
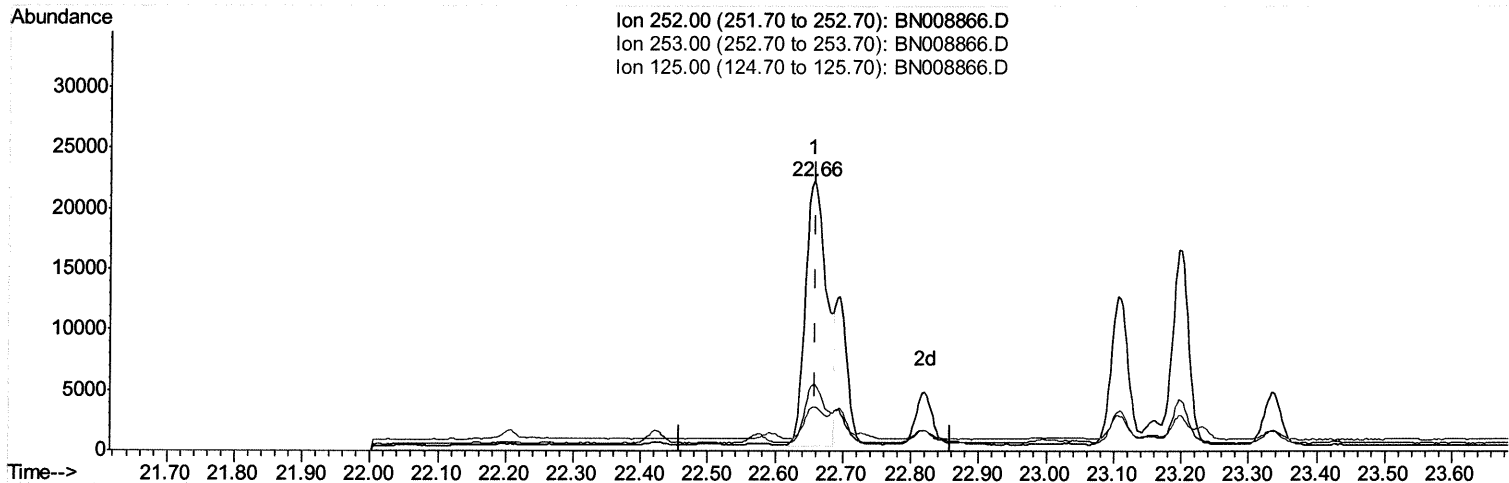
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 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.656min (-0.003) 0.54ng/ul m JU 12/10/19

response 47600

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.30 | 24.63 |
| 125.00 | 15.80 | 16.23 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

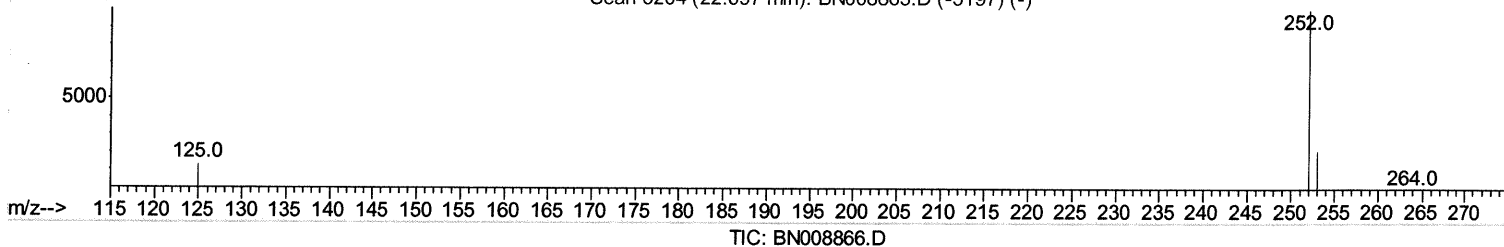
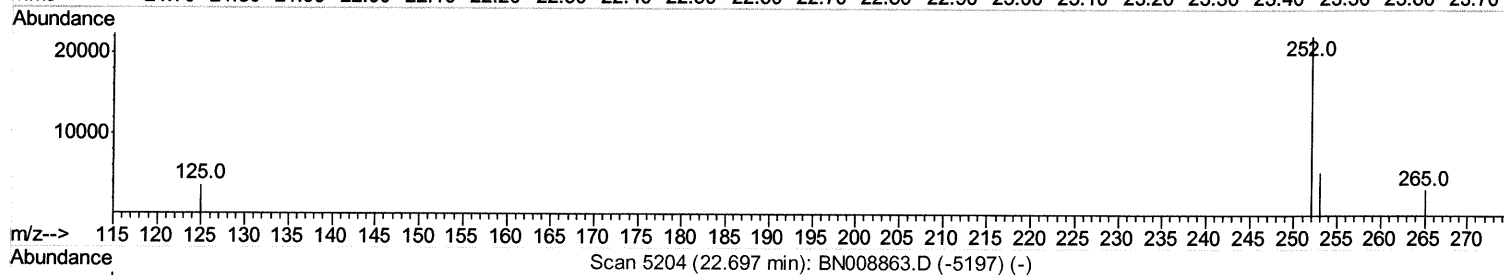
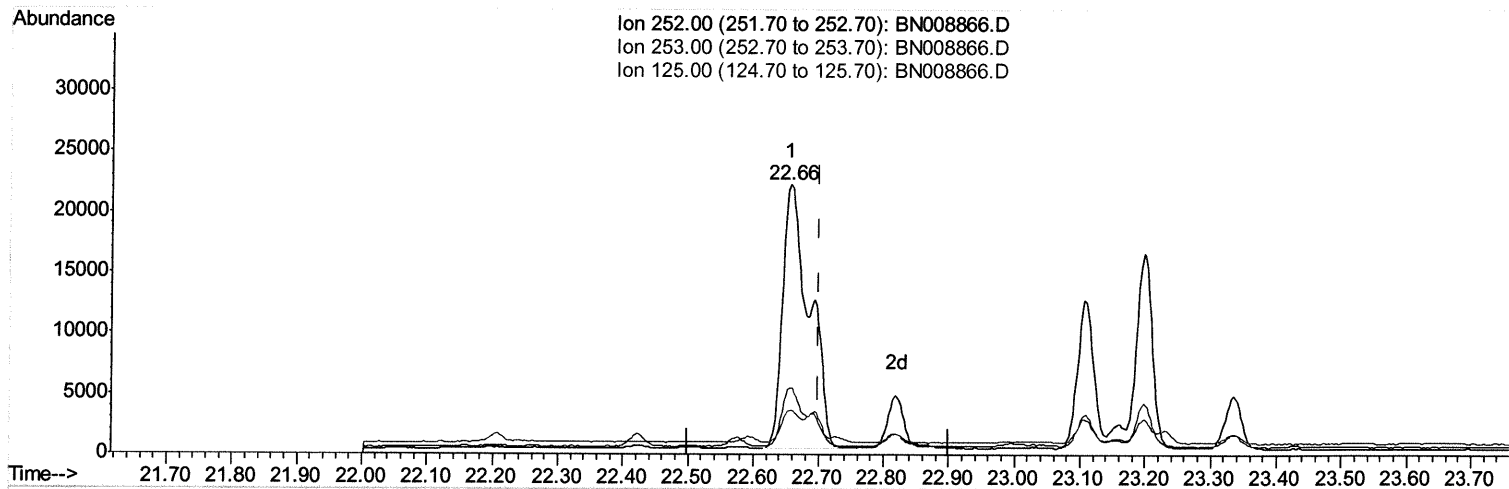
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\  
 Data File : BN008866.D  
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(22) Benzo(k)fluoranthene

22.656min (-0.044) 0.72ng/ul

response 62174

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.50 | 24.63 |
| 125.00 | 17.20 | 16.23 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

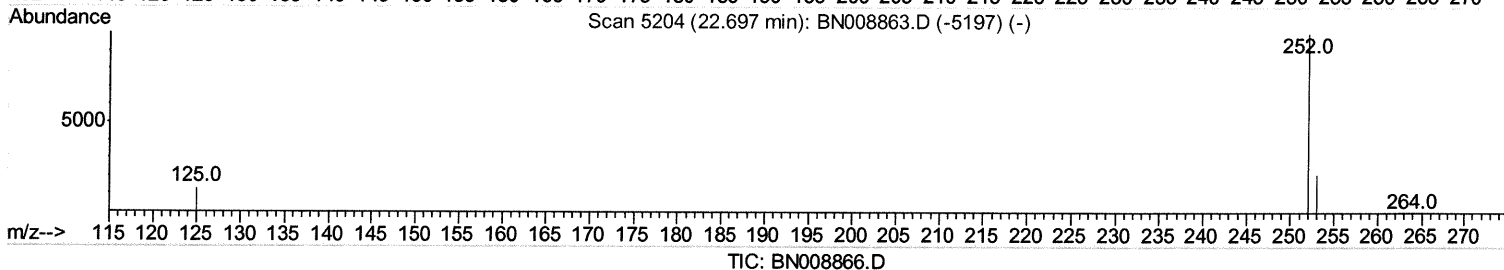
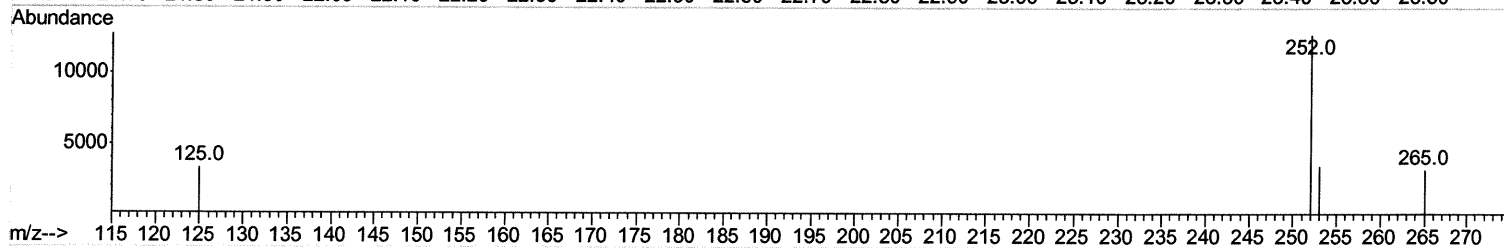
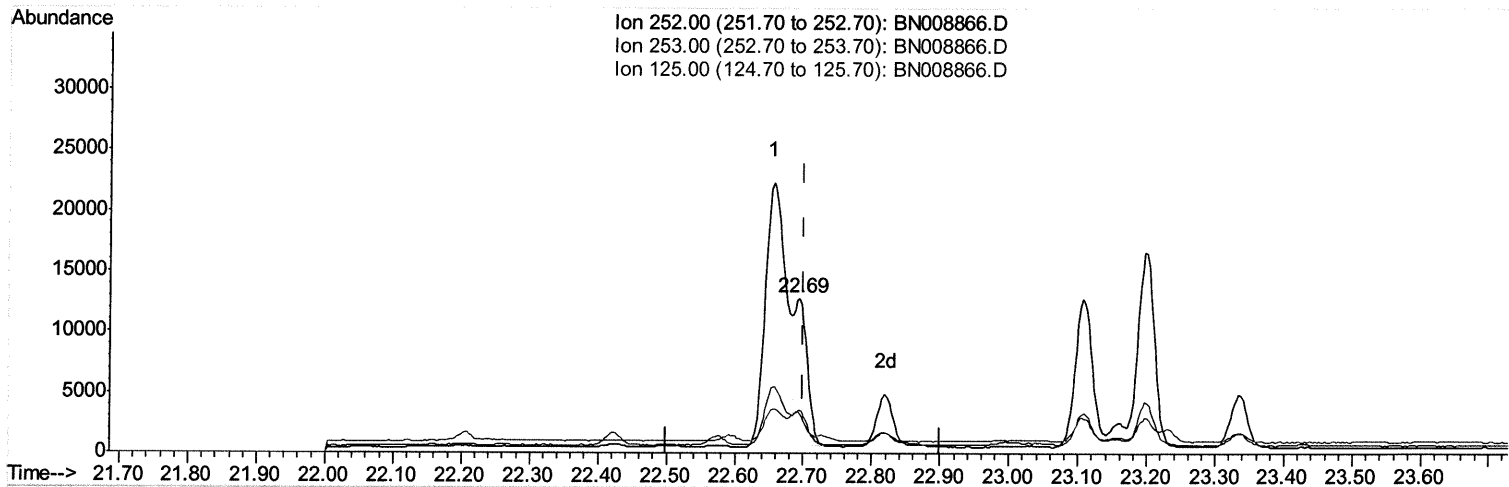
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 Sample : K6007-12  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.694min (-0.006) 0.17ng/ul m JU 12/10/19

response 14735

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.50 | 27.63  |
| 125.00 | 17.20 | 26.12# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\  
 Data File : BN008866.D  
 Acq On : 06 Dec 2019 19:02  
 Operator : JU  
 Sample : K6007-12  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 3017     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.32 | 136  | 13766    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.19 | 164  | 9088     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.94 | 188  | 20421    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.14 | 240  | 18714    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.29 | 264  | 21228    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.92 | 152  | 3649     | 0.16 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 18.97 | 212  | 11028    | 0.18 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue      |
|----------------------------|-------|------|----------|-------|--------|-------------|
| 3) Naphthalene             | 10.37 | 128  | 2913     | 0.070 | ng/ul# | 95          |
| 5) 2-Methylnaphthalene     | 12.00 | 142  | 2172     | 0.075 | ng/ul  | 98          |
| 7) Acenaphthylene          | 13.91 | 152  | 5025     | 0.100 | ng/ul  | 97          |
| 9) Fluorene                | 15.25 | 166  | 1143     | 0.026 | ng/ul# | 92          |
| 12) Phenanthrene           | 16.98 | 178  | 16860    | 0.245 | ng/ul  | 100         |
| 13) Anthracene             | 17.07 | 178  | 4908     | 0.075 | ng/ul# | 95          |
| 15) Fluoranthene           | 19.00 | 202  | 56331    | 0.666 | ng/ul  | 99          |
| 17) Pyrene                 | 19.37 | 202  | 48523    | 0.646 | ng/ul  | 99          |
| 18) Benzo(a)anthracene     | 21.12 | 228  | 34220    | 0.455 | ng/ul  | 97          |
| 19) Chrysene               | 21.17 | 228  | 33118    | 0.448 | ng/ul  | 97          |
| 21) Benzo(b)fluoranthene   | 22.66 | 252  | 47600m   | 0.544 | ng/ul  | Ju 12/10/19 |
| 22) Benzo(k)fluoranthene   | 22.69 | 252  | 14735m   | 0.170 | ng/ul  |             |
| 23) Benzo(a)pyrene         | 23.20 | 252  | 26984    | 0.328 | ng/ul  | 99          |
| 24) Indeno(1,2,3-cd)pyrene | 25.40 | 276  | 17773    | 0.185 | ng/ul  | 93          |
| 25) Dibenzo(a,h)anthracene | 25.40 | 278  | 5045     | 0.065 | ng/ul# | 78          |
| 26) Benzo(a,h,i)perylene   | 26.04 | 276  | 15321    | 0.191 | ng/ul  | 99          |

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