

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN111919\  
Quantitation Report (QT Reviewed)

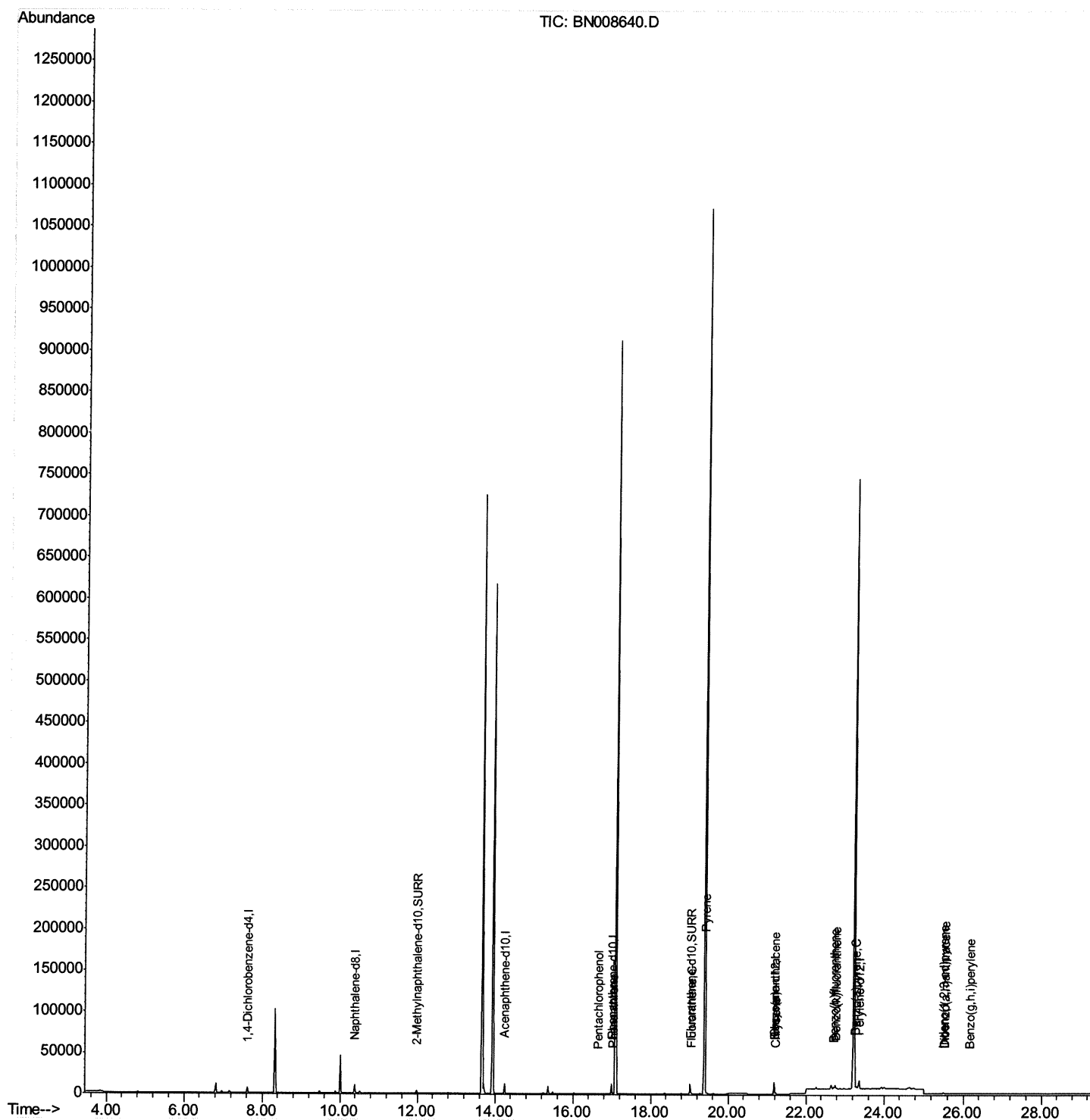
Data File : BN008640.D  
Acq On : 19 Nov 2019 21:03  
Operator : JU  
Sample : K5699-12  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F2J09

Manual Integrations  
APPROVED

mohammad  
11/21/2019 9:05:19 AM

Quant Time: Nov 20 04:21:59 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 : Wed Nov 20 03:41:50 2019  
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN111919\  
Quantitation Report (Qedit)

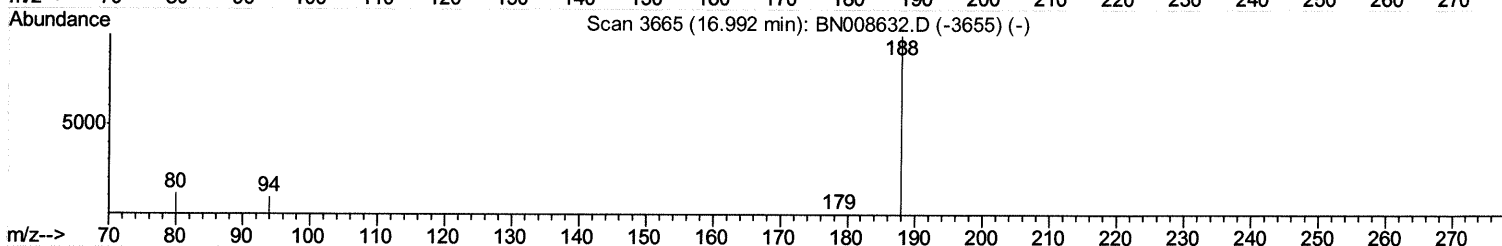
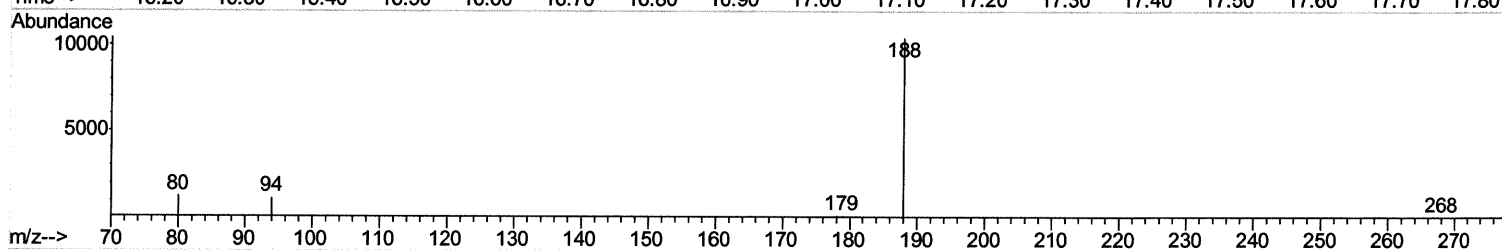
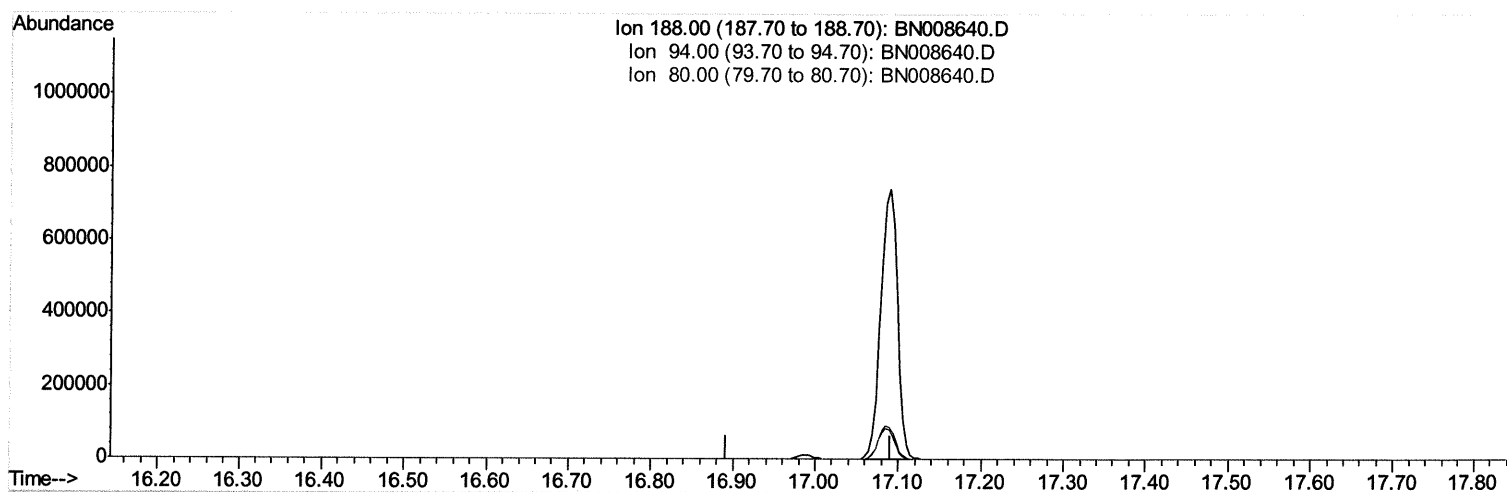
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Quant Time: Nov 20 03:44:48 2019  
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TIC: BN008640.D

(10) Phenanthrene-d10 (I)

16.992min (-16.992) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 0.00  |
| 94.00  | 10.60 | 0.00# |
| 80.00  | 11.80 | 0.00# |
| 0.00   | 0.00  | 0.00  |

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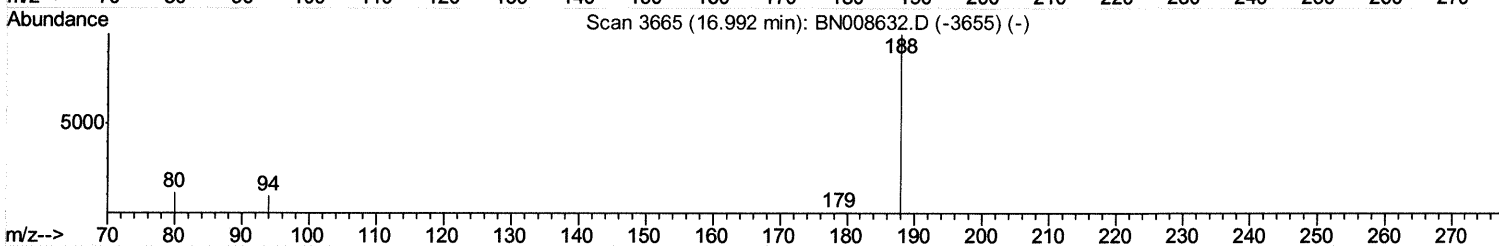
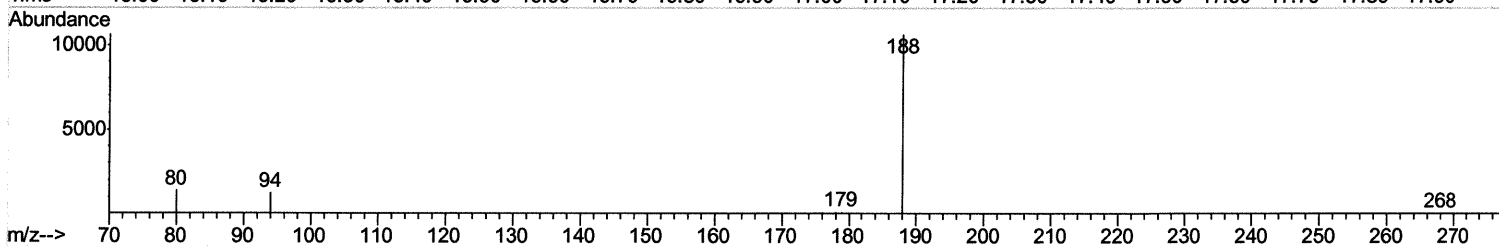
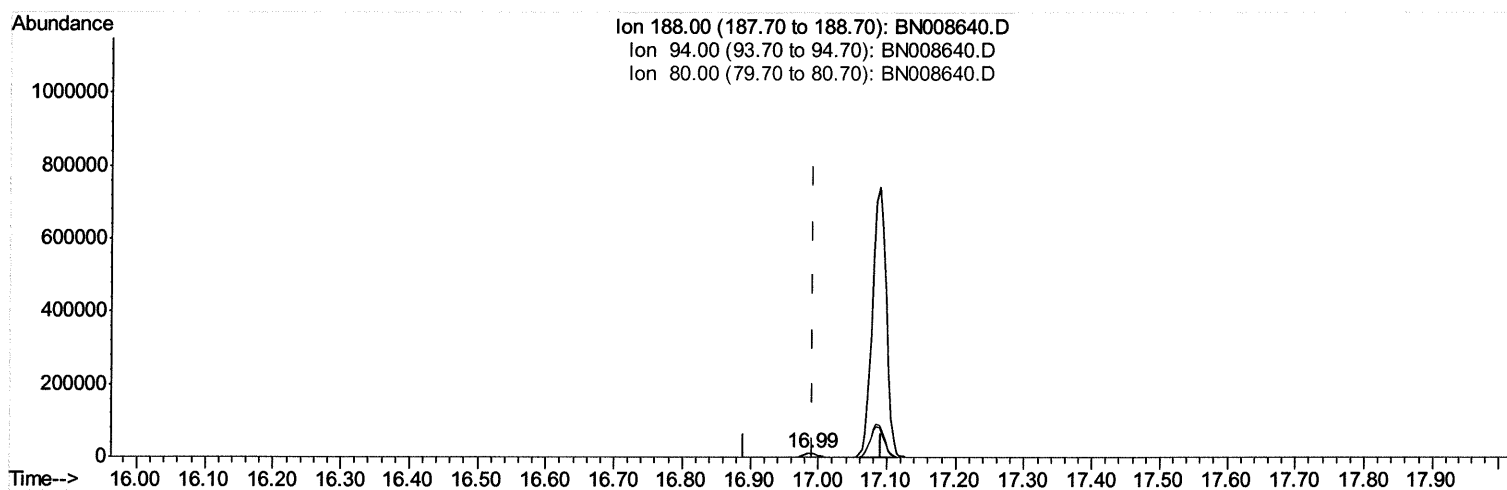
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Operator : JU  
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TIC: BN008640.D

(10) Phenanthrene-d10 (I)

16.988min (-0.004) 0.40ng/ul m

response 14842

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 10.60 | 11.81 |
| 80.00  | 11.80 | 13.22 |
| 0.00   | 0.00  | 0.00  |

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Quantitation Report (Qedit)

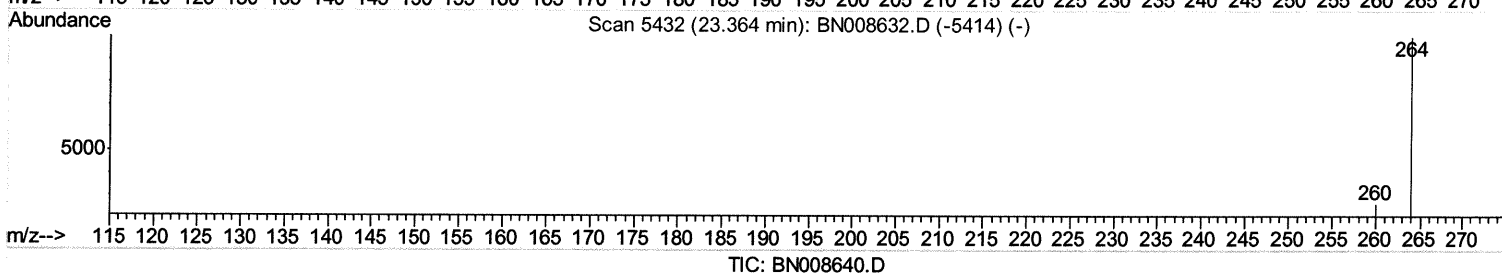
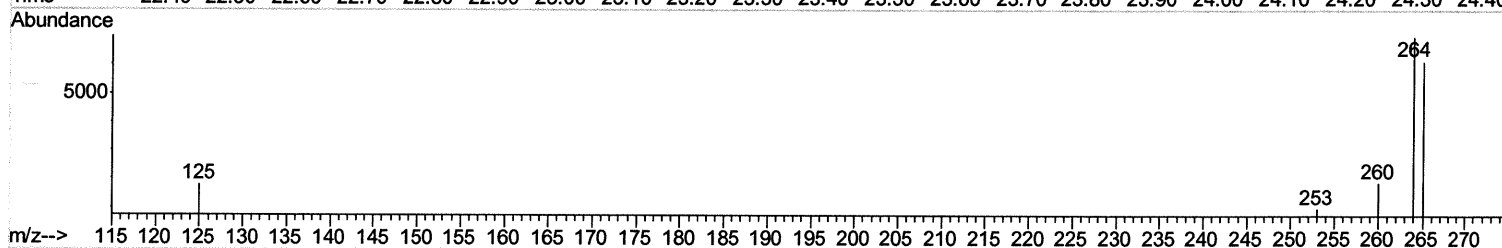
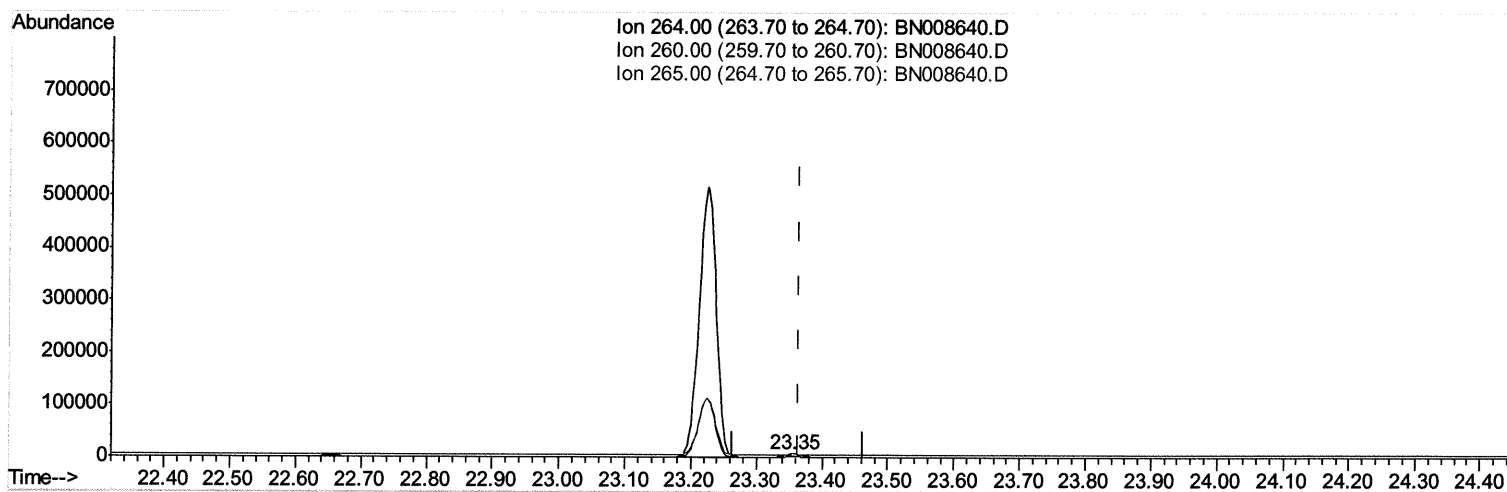
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Operator : JU  
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TIC: BN008640.D

(20) Perylene-d12 (I)

23.355min (-0.009) 0.40ng/ul

response 12443

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 27.50 | 26.78  |
| 265.00 | 69.30 | 87.69# |
| 0.00   | 0.00  | 0.00   |

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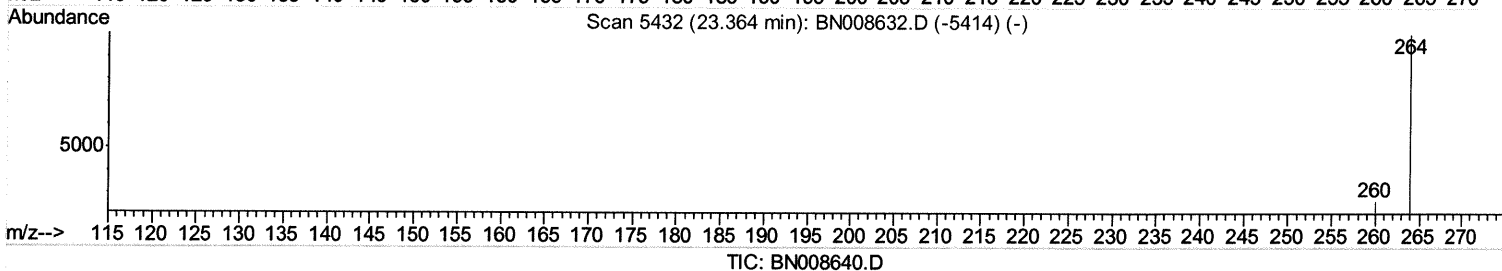
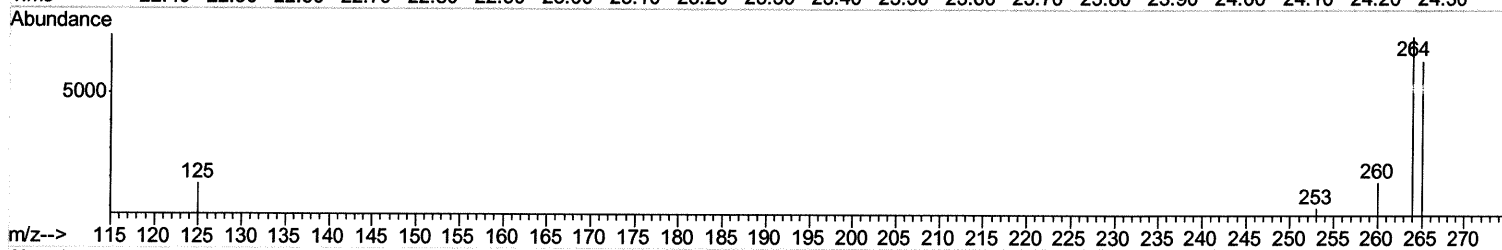
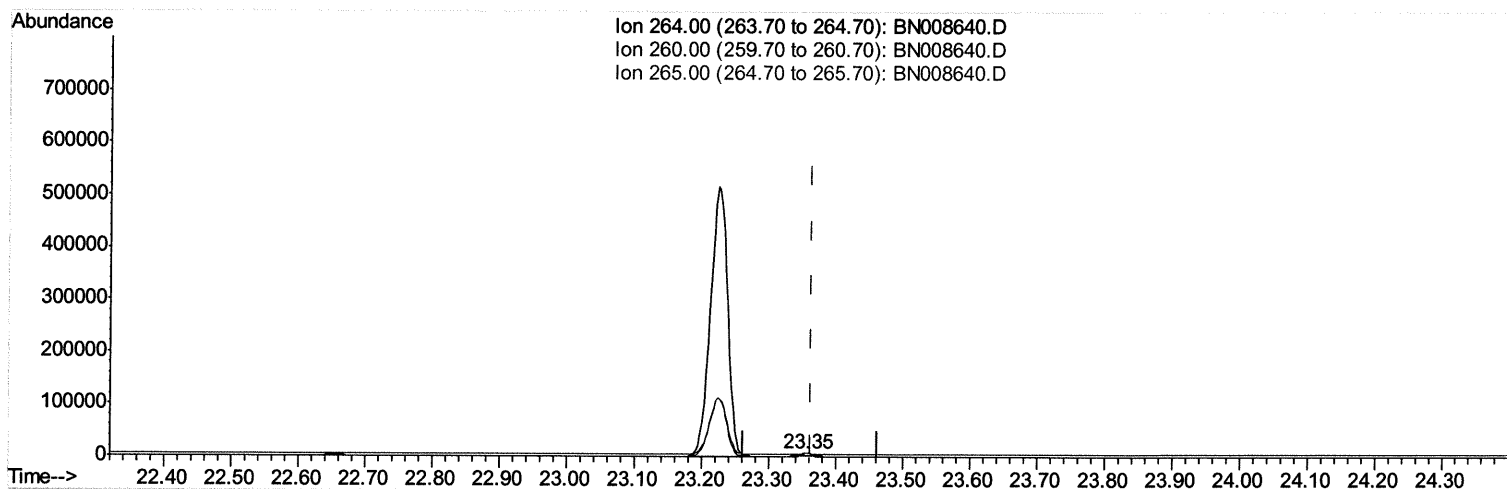
Data File : BN008640.D  
Acq On : 19 Nov 2019 21:03  
Operator : JU  
Sample : K5699-12  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
F2J09

Manual Integrations  
APPROVED

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11/21/2019 9:05:19 AM

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Response via : Initial Calibration



(20) Perylene-d12 (I)

23.355min (-0.009) 0.40ng/ul m

response 11903

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 27.50 | 26.78  |
| 265.00 | 69.30 | 87.69# |
| 0.00   | 0.00  | 0.00   |

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Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 3391     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.38 | 136  | 12432    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.25 | 164  | 7009     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.99 | 188  | 14842m   | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.19 | 240  | 12280    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.35 | 264  | 11903m   | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.98 | 152  | 5016     | 0.25 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.02 | 212  | 13871    | 0.31 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 11) Pentachlorophenol      | 16.65 | 266  | 299      | 0.053 | ng/ul  | 97     |
| 12) Phenanthrene           | 17.03 | 178  | 1237     | 0.025 | ng/ul# | 79     |
| 15) Fluoranthene           | 19.05 | 202  | 1262     | 0.021 | ng/ul  | 75     |
| 17) Pyrene                 | 19.41 | 202  | 1173     | 0.024 | ng/ul# | 64     |
| 18) Benzo(a)anthracene     | 21.17 | 228  | 1405     | 0.028 | ng/ul# | 81     |
| 19) Chrysene               | 21.22 | 228  | 1426     | 0.029 | ng/ul# | 81     |
| 21) Benzo(b)fluoranthene   | 22.71 | 252  | 1593     | 0.032 | ng/ul# | 1      |
| 22) Benzo(k)fluoranthene   | 22.76 | 252  | 1682     | 0.035 | ng/ul# | 1      |
| 23) Benzo(a)pyrene         | 23.27 | 252  | 929      | 0.020 | ng/ul# | 1      |
| 24) Indeno(1,2,3-cd)pyrene | 25.50 | 276  | 1609     | 0.030 | ng/ul# | 65     |
| 25) Dibenzo(a,h)anthracene | 25.52 | 278  | 1216     | 0.028 | ng/ul# | 1      |
| 26) Benzo(g,h,i)perylene   | 26.15 | 276  | 1291     | 0.029 | ng/ul# | 11     |

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