

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121319\  
Quantitation Report (QT Reviewed)

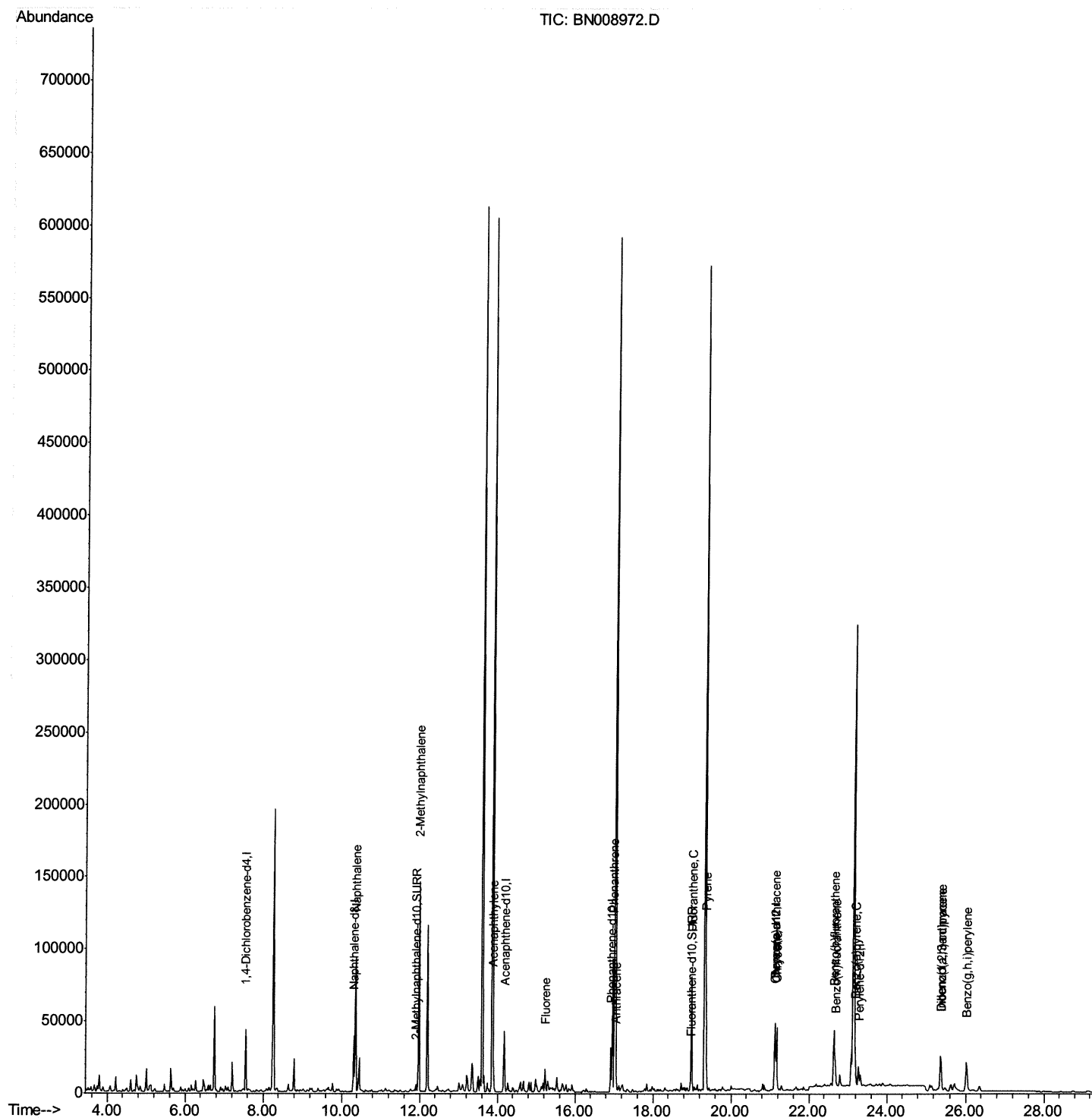
Data File : BN008972.D  
Acq On : 13 Dec 2019 17:47  
Operator : JU  
Sample : K6089-14DL 2X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleID :  
C0BR2DL

Manual Integrations  
APPROVED

mohammad  
12/16/2019 12:23:55 PM

Quant Time: Dec 13 23:02:37 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 13 22:56:27 2019  
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121319\  
Quantitation Report (Qedit)

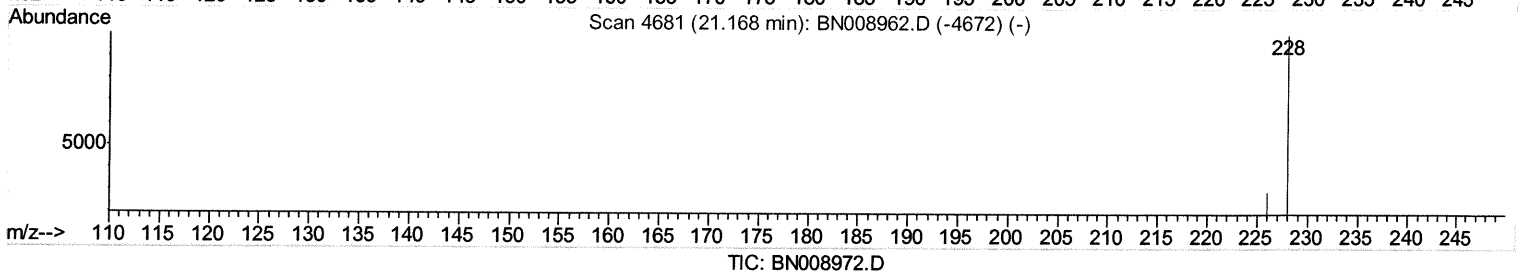
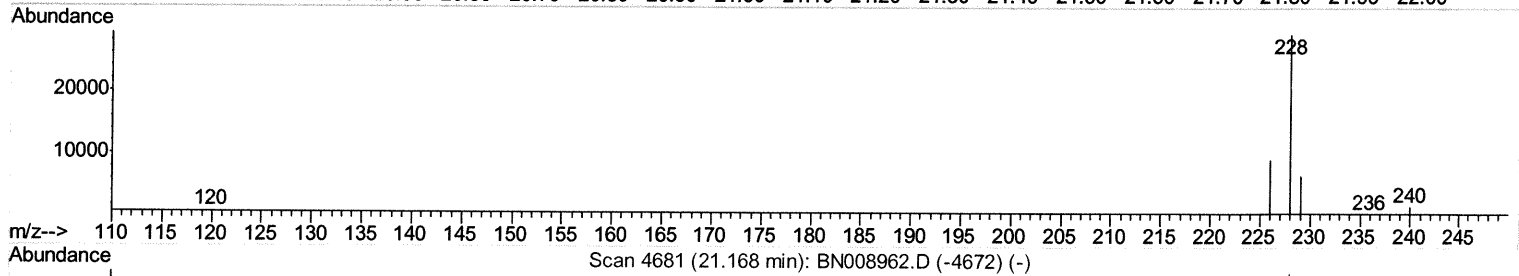
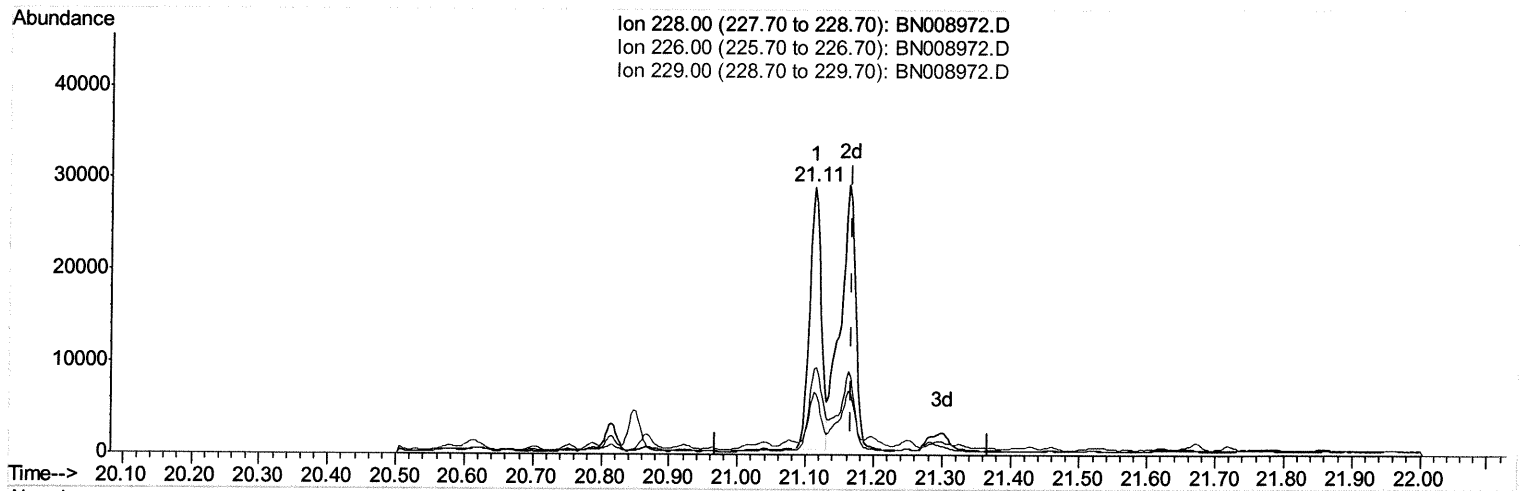
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Quant Time: Dec 13 22:58:44 2019  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 13 22:56:27 2019  
Response via : Initial Calibration



(19) Chrysene

21.113min (-0.055) 0.59ng/ul

response 34082

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.70 | 32.00 |
| 229.00 | 19.50 | 23.37 |
| 0.00   | 0.00  | 0.00  |

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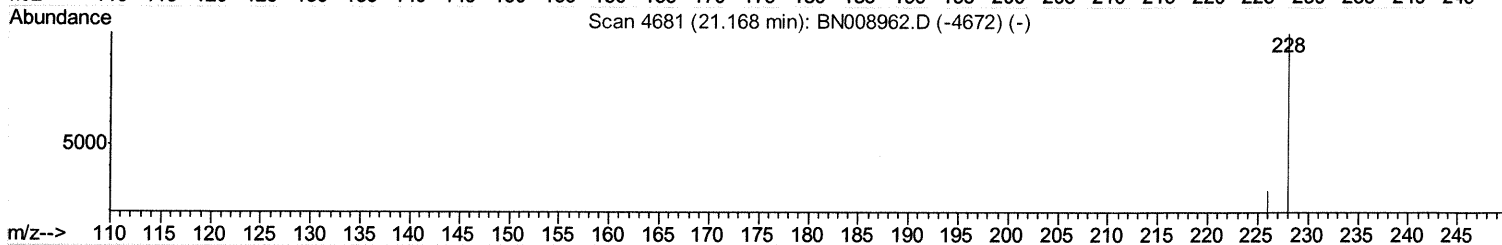
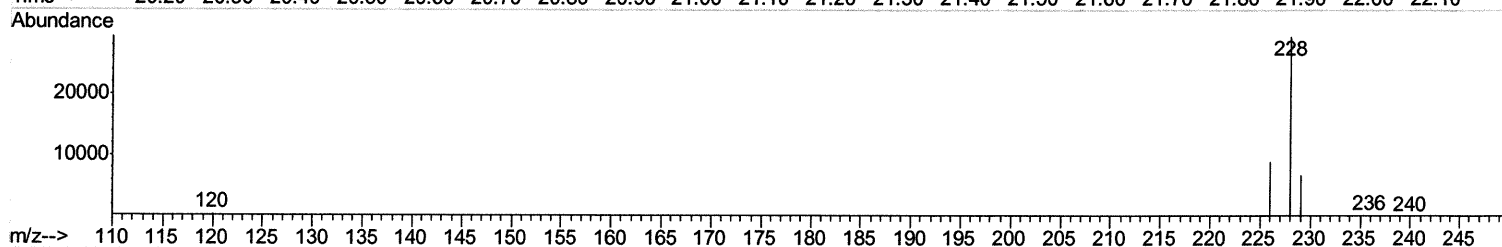
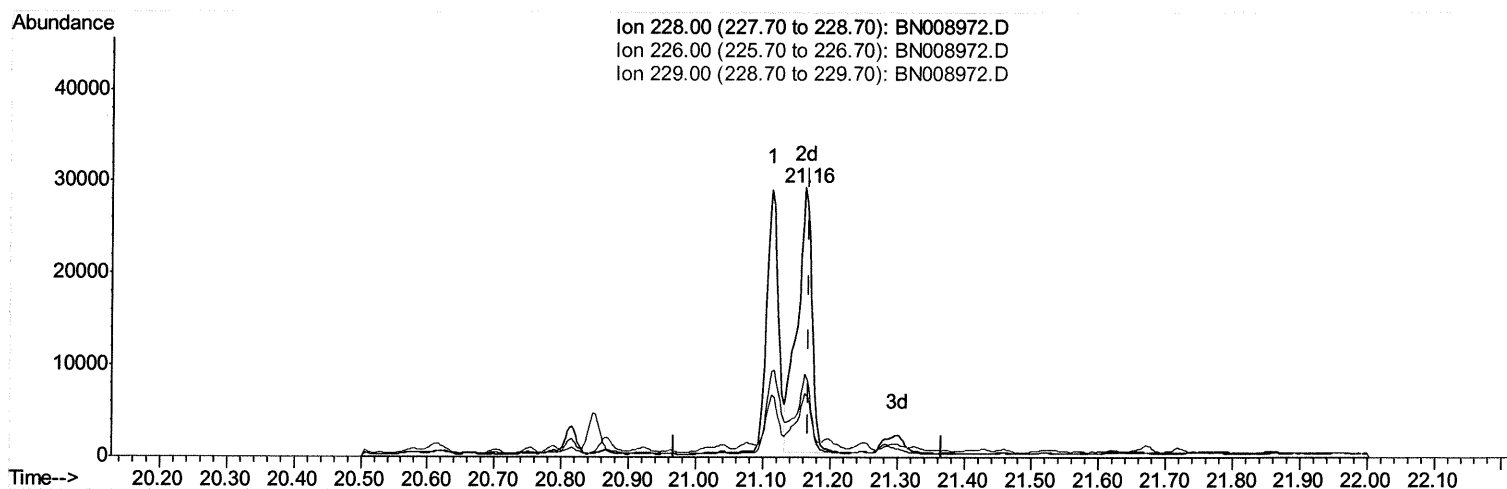
Data File : BN008972.D  
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Operator : JU  
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ALS Vial : 12 Sample Multiplier: 1

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TIC: BN008972.D

(19) Chrysene

21.163min (-0.005) 0.79ng/ul m

JU 12/16/19

response 45238

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 29.70 | 31.02  |
| 229.00 | 19.50 | 23.53# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121319\  
Quantitation Report (Qedit)

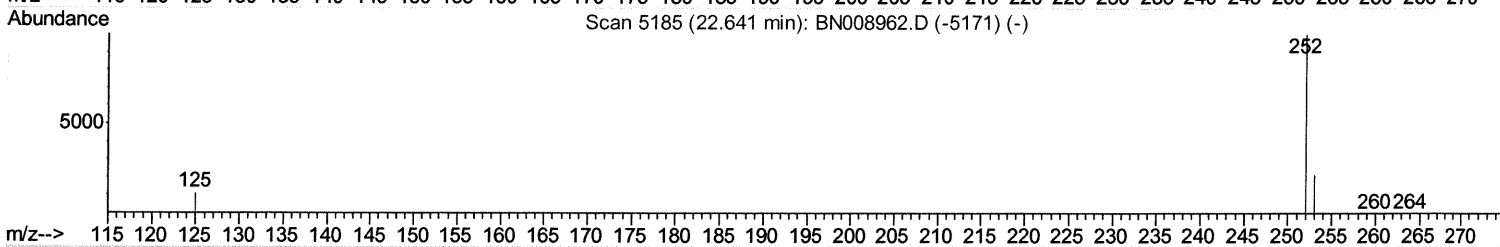
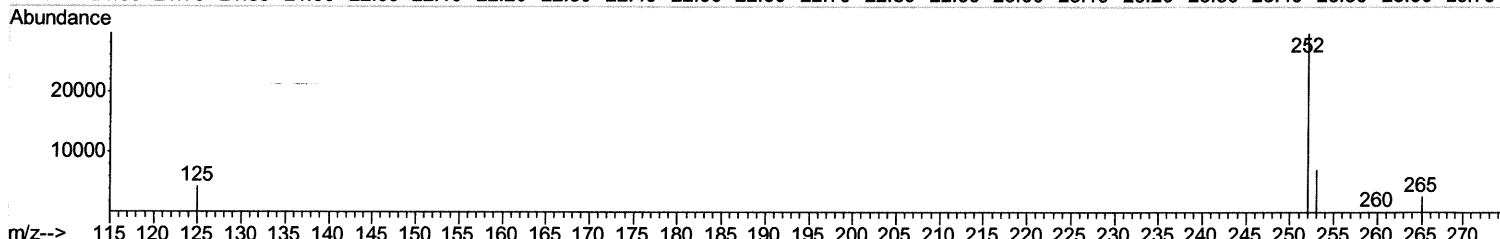
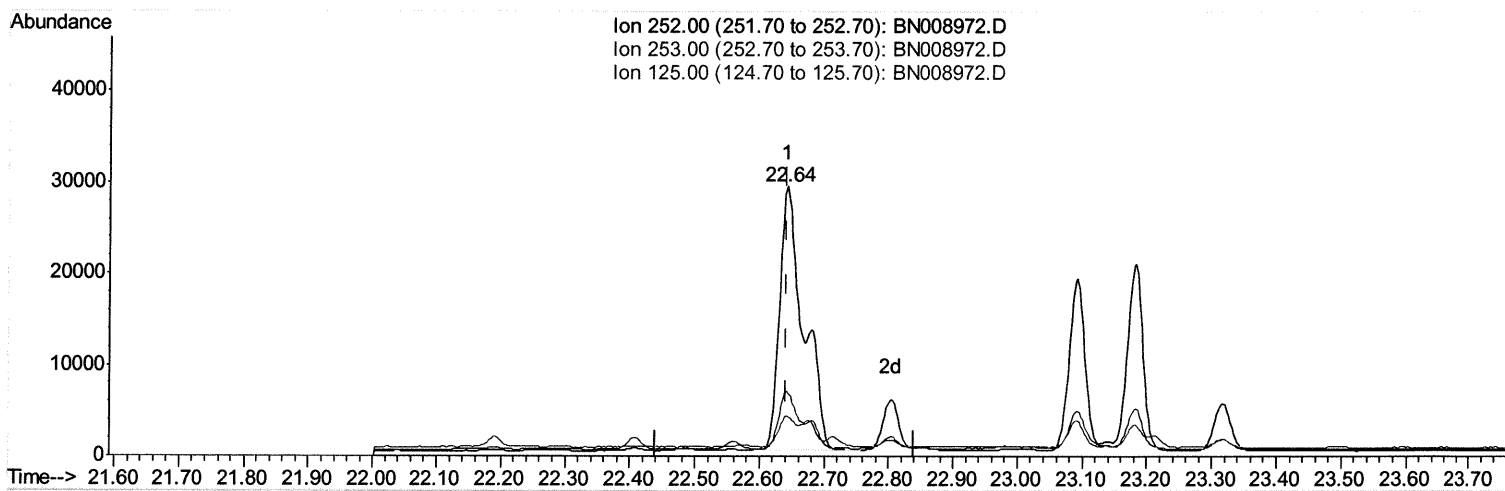
Data File : BN008972.D  
Acq On : 13 Dec 2019 17:47  
Operator : JU  
Sample : K6089-14DL 2X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
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TIC: BN008972.D

(21) Benzo(b)fluoranthene

22.641min (+0.001) 1.11ng/ul

response 75620

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.30 | 24.14 |
| 125.00 | 15.80 | 14.79 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121319\  
Quantitation Report (Qedit)

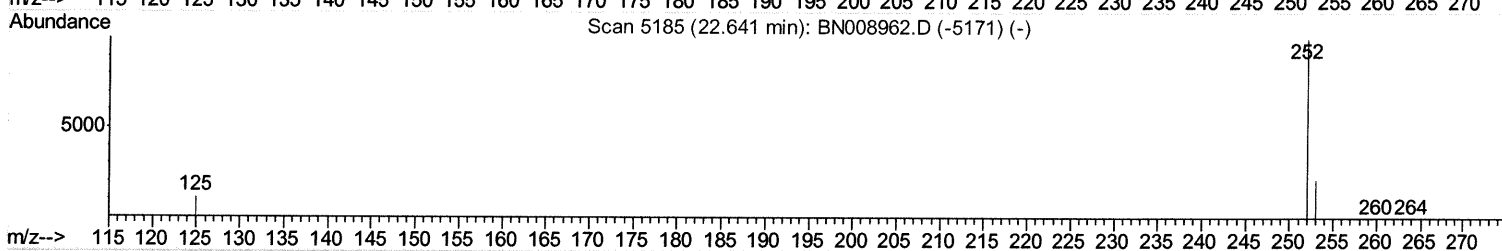
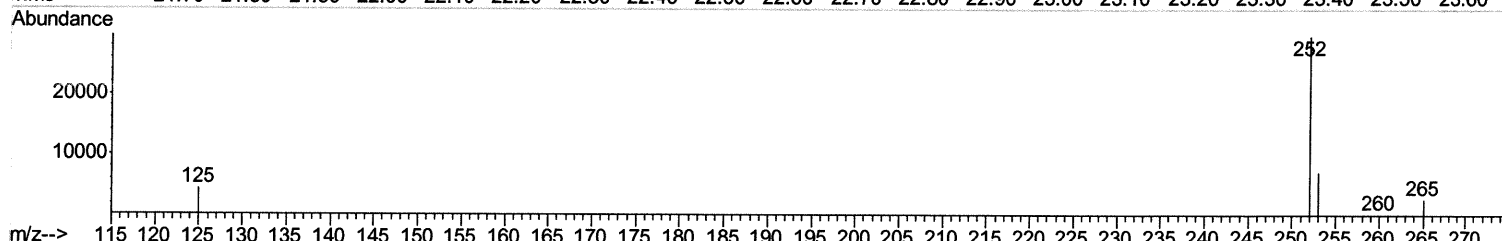
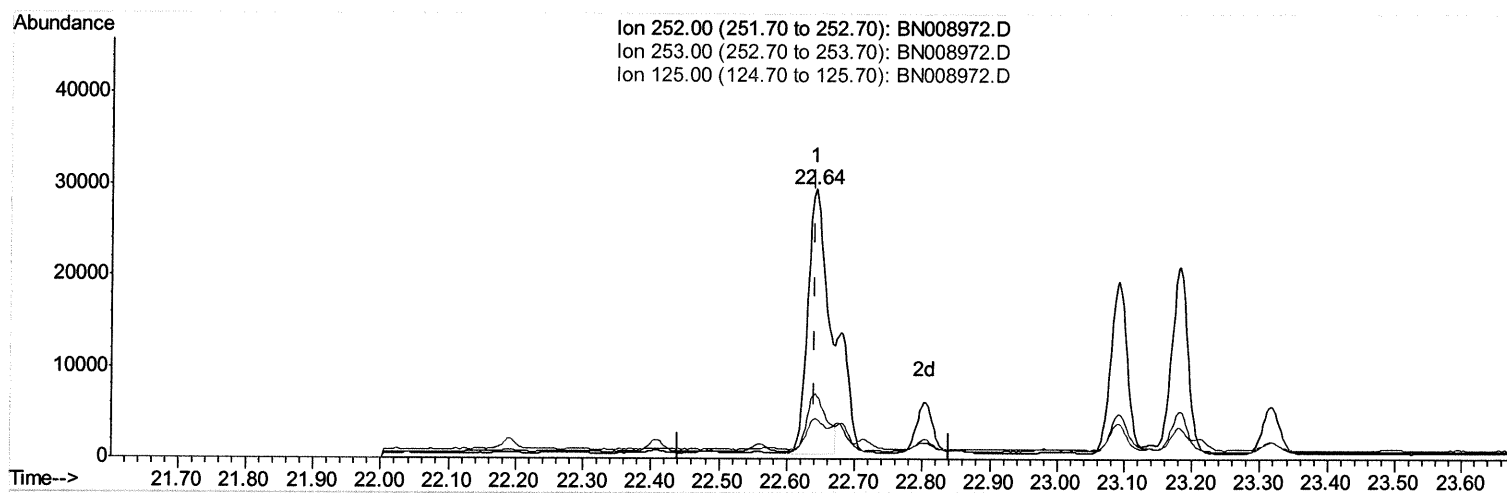
Data File : BN008972.D  
Acq On : 13 Dec 2019 17:47  
Operator : JU  
Sample : K6089-14DL 2X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Manual Integrations  
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TIC: BN008972.D

(21) Benzo(b)fluoranthene

22.641min (+0.001) 0.86ng/ul m JU 12/16/19

response 58771

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.30 | 24.14 |
| 125.00 | 15.80 | 14.79 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121319\  
Quantitation Report (Qedit)

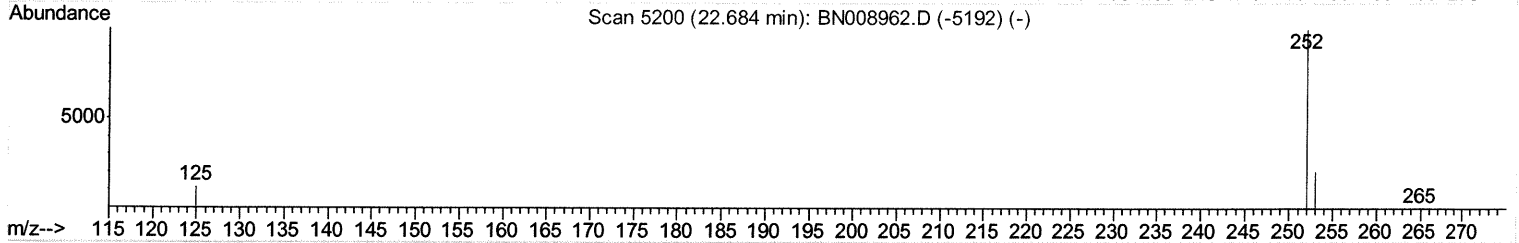
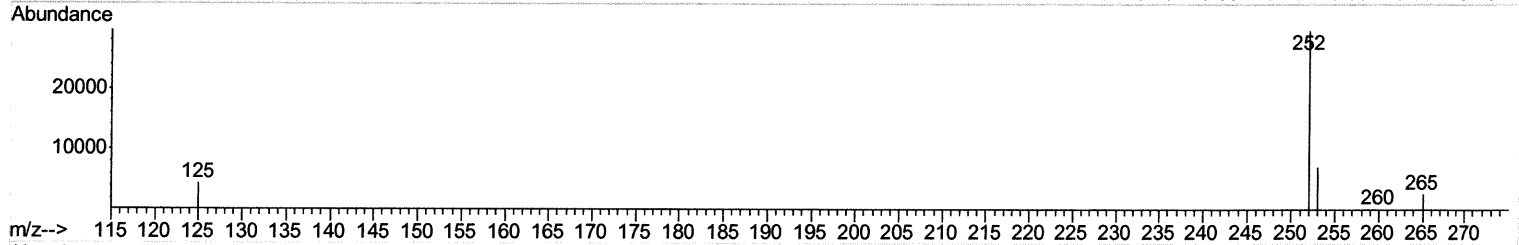
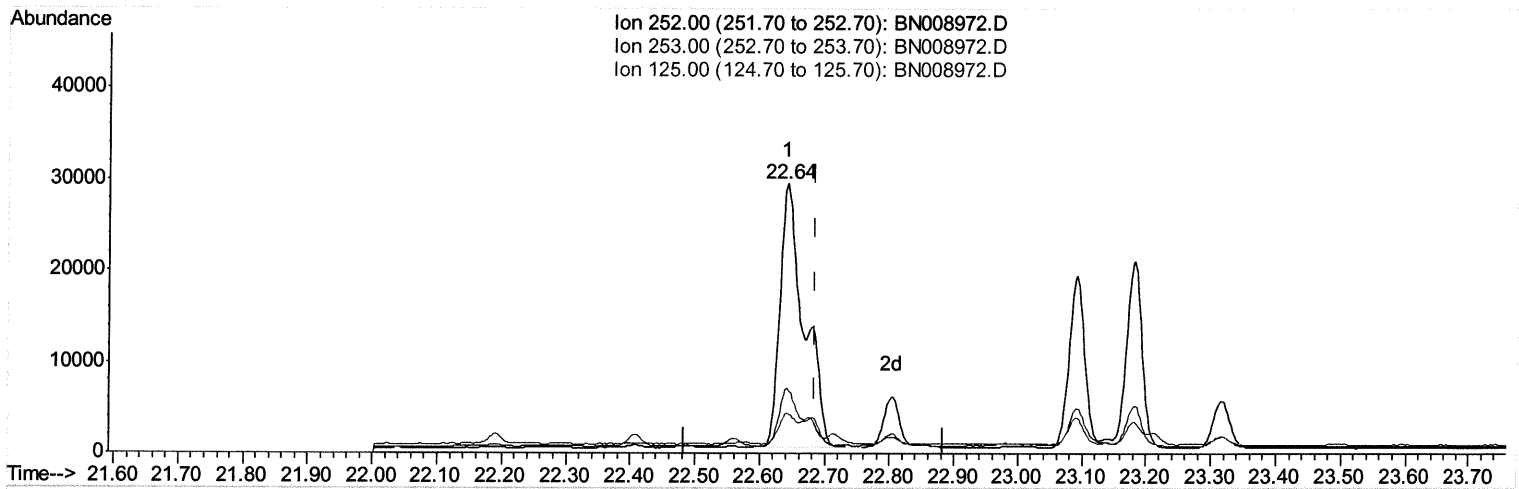
Data File : BN008972.D  
Acq On : 13 Dec 2019 17:47  
Operator : JU  
Sample : K6089-14DL 2X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0BR2DL

Manual Integrations  
APPROVED

mohammad  
12/16/2019 12:23:55 PM

Quant Time: Dec 13 22:58:44 2019  
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QLast Update : Fri Dec 13 22:56:27 2019  
Response via : Initial Calibration



TIC: BN008972.D

(22) Benzo(k)fluoranthene

22.641min (-0.043) 1.12ng/ul

response 75620

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.50 | 24.14 |
| 125.00 | 17.20 | 14.79 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121319\  
Quantitation Report (Qedit)

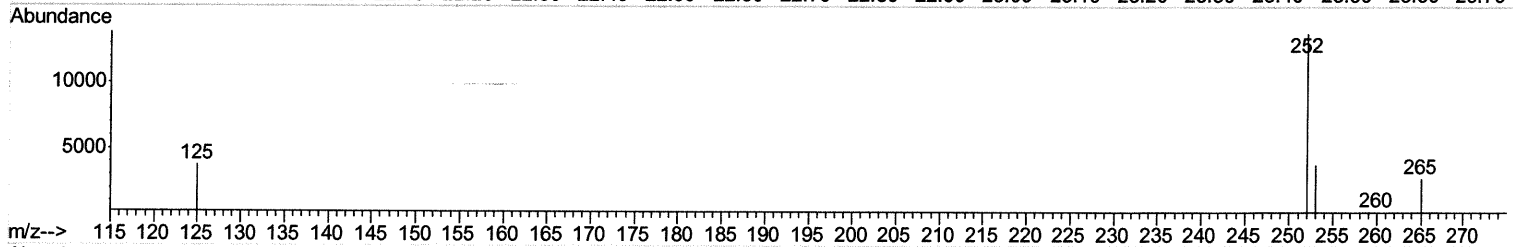
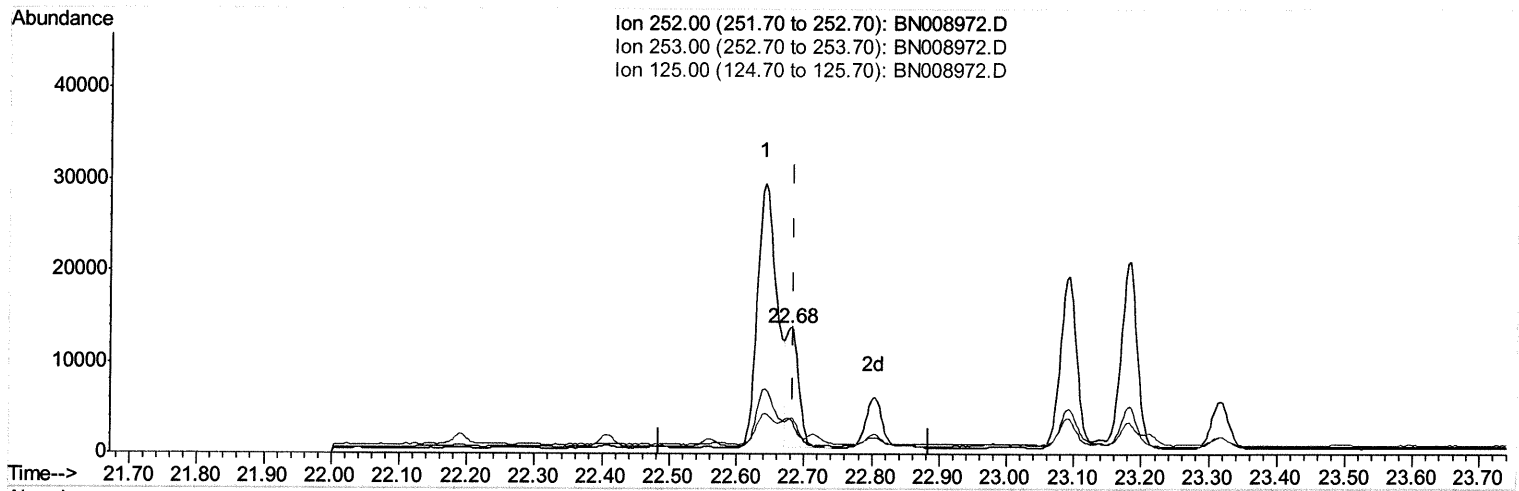
Data File : BN008972.D  
Acq On : 13 Dec 2019 17:47  
Operator : JU  
Sample : K6089-14DL 2X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0BR2DL

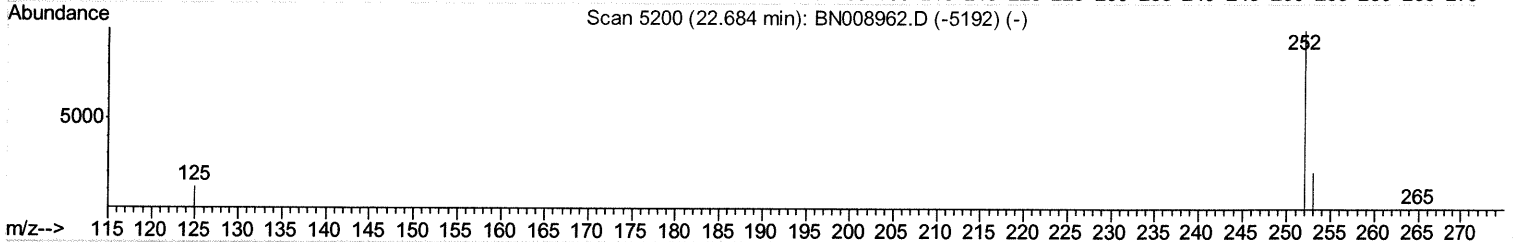
Manual Integrations  
APPROVED

mohammad  
12/16/2019 12:23:55 PM

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Scan 5200 (22.684 min): BN008962.D (-5192) (-)



TIC: BN008972.D

(22) Benzo(k)fluoranthene

22.679min (-0.005) 0.25ng/ul m

Ju 12/16/19

response 16999

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.50 | 27.86  |
| 125.00 | 17.20 | 26.92# |
| 0.00   | 0.00  | 0.00   |

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Operator : JU  
Sample : K6089-14DL 2X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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mohammad  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 13558    | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.31 | 136  | 46603    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.18 | 164  | 21067    | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.92 | 188  | 32424    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.13 | 240  | 14584    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.27 | 264  | 16534    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.90 | 152  | 6055     | 0.08 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 18.96 | 212  | 7223     | 0.07 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue        |
|----------------------------|-------|------|----------|-------|--------|---------------|
| 3) Naphthalene             | 10.36 | 128  | 123943   | 0.882 | ng/ul  | 99            |
| 5) 2-Methylnaphthalene     | 11.98 | 142  | 101320   | 1.033 | ng/ul  | 100           |
| 7) Acenaphthylene          | 13.90 | 152  | 11655    | 0.100 | ng/ul# | 85            |
| 9) Fluorene                | 15.24 | 166  | 3416     | 0.034 | ng/ul# | 54            |
| 12) Phenanthrene           | 16.97 | 178  | 94196    | 0.861 | ng/ul  | 99            |
| 13) Anthracene             | 17.06 | 178  | 10174    | 0.098 | ng/ul# | 95            |
| 15) Fluoranthene           | 18.99 | 202  | 65970    | 0.491 | ng/ul  | 100           |
| 17) Pyrene                 | 19.35 | 202  | 61215    | 1.046 | ng/ul  | 99            |
| 18) Benzo(a)anthracene     | 21.11 | 228  | 34082    | 0.581 | ng/ul  | 91            |
| 19) Chrysene               | 21.16 | 228  | 45238m   | 0.785 | ng/ul  | } Julia/16/19 |
| 21) Benzo(b)fluoranthene   | 22.64 | 252  | 58771m   | 0.862 | ng/ul  |               |
| 22) Benzo(k)fluoranthene   | 22.68 | 252  | 16999m   | 0.251 | ng/ul  |               |
| 23) Benzo(a)pyrene         | 23.18 | 252  | 34298    | 0.536 | ng/ul  | 98            |
| 24) Indeno(1,2,3-cd)pyrene | 25.38 | 276  | 34640    | 0.463 | ng/ul  | 90            |
| 25) Dibenzo(a,h)anthracene | 25.39 | 278  | 9688     | 0.160 | ng/ul# | 81            |
| 26) Benzo(g,h,i)perylene   | 26.02 | 276  | 36951    | 0.590 | ng/ul  | 98            |

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