

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN111819\  
Quantitation Report (QT Reviewed)

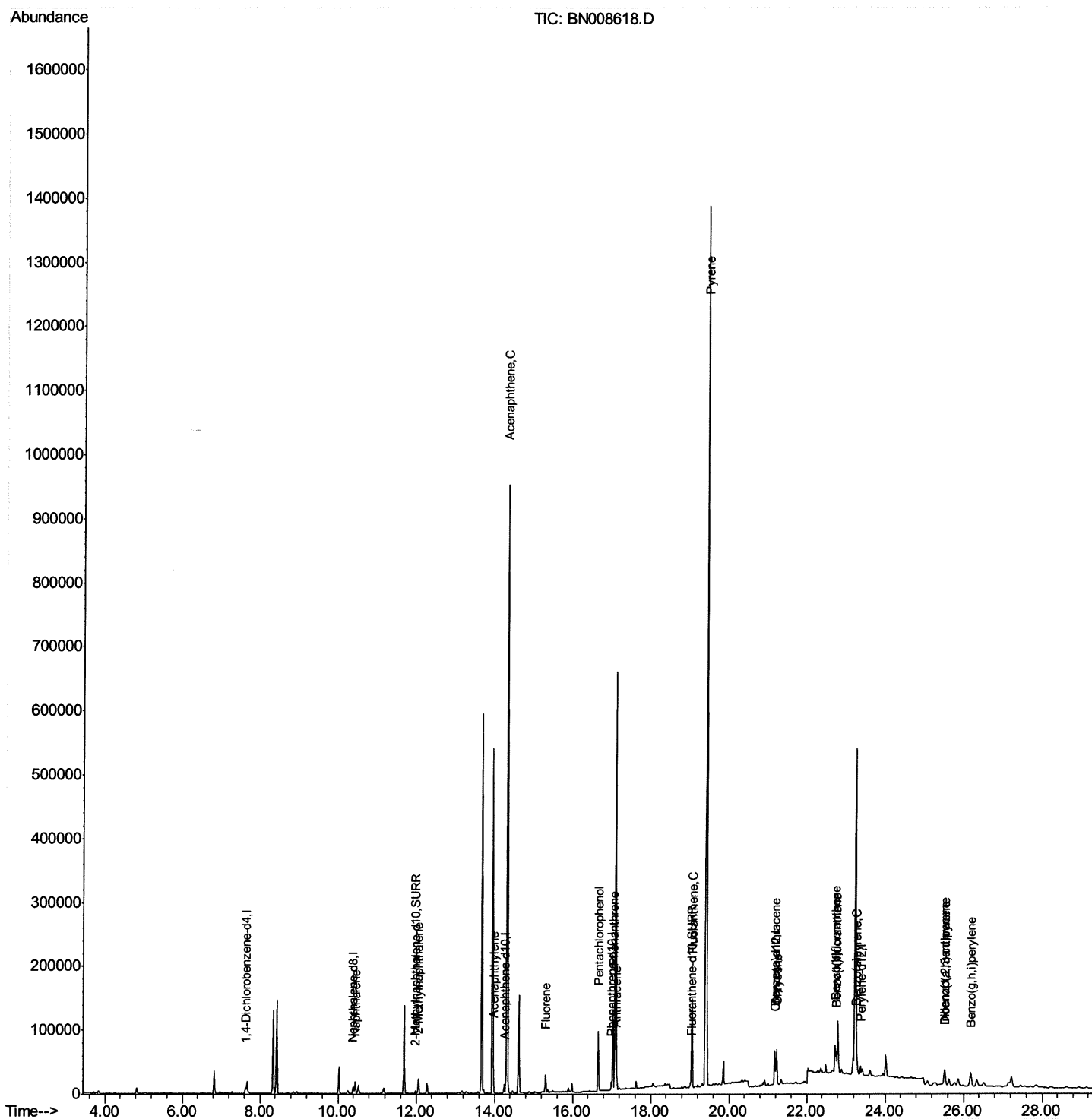
Data File : BN008618.D  
Acq On : 18 Nov 2019 23:44  
Operator : JU  
Sample : K5678-18MSD  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
JLMA1MSD

Manual Integrations  
APPROVED

mohammad  
11/19/2019 2:45:48 PM

Quant Time: Nov 19 03:14:28 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 : Tue Nov 19 01:47:58 2019  
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN111819\  
Quantitation Report (Qedit)

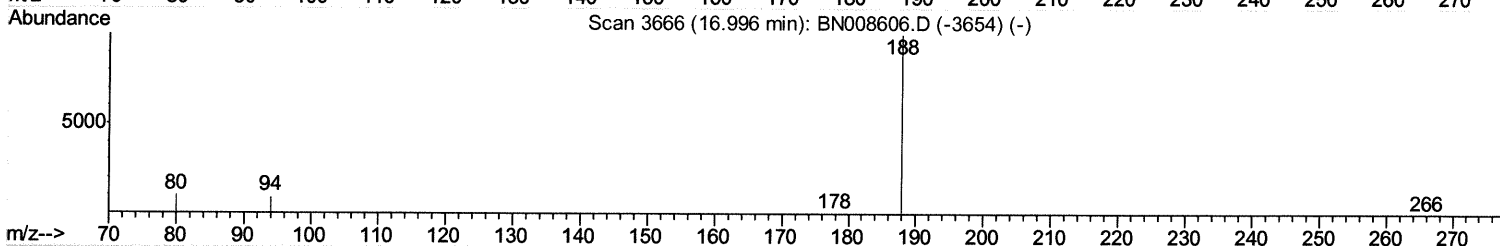
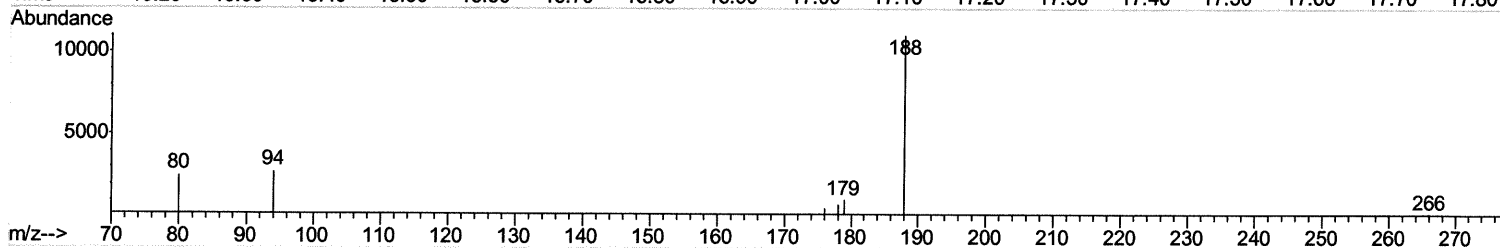
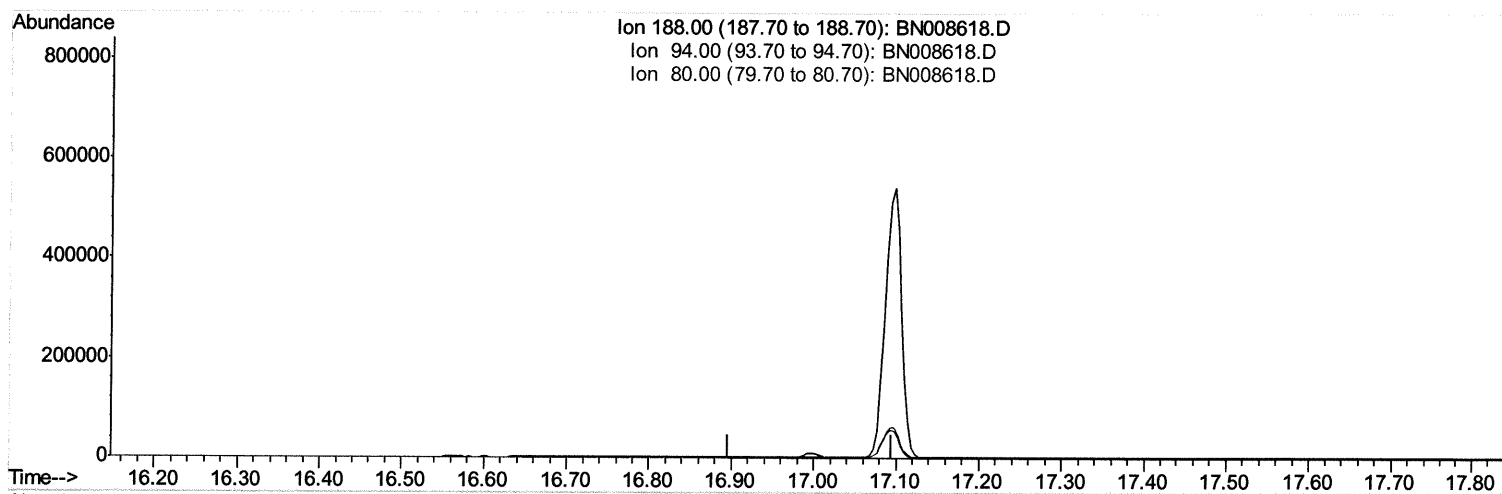
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Quant Time: Nov 19 01:52:47 2019  
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TIC: BN008618.D

(10) Phenanthrene-d10 (I)

16.996min (-16.996) 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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Quantitation Report (Qedit)

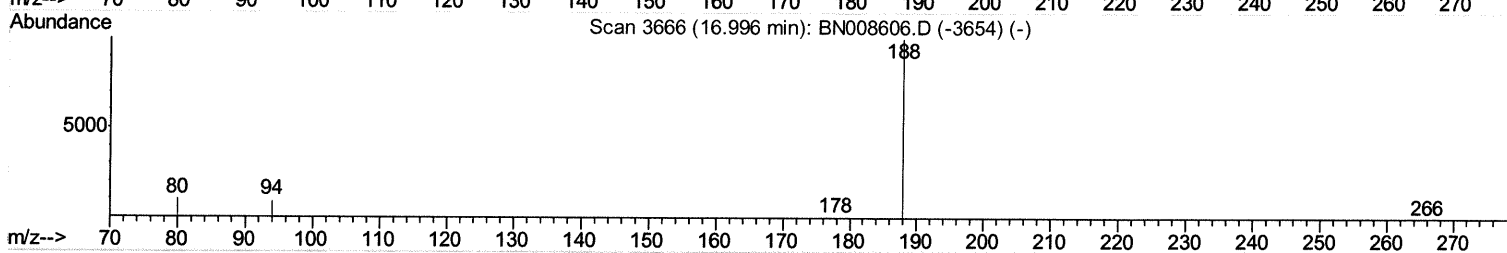
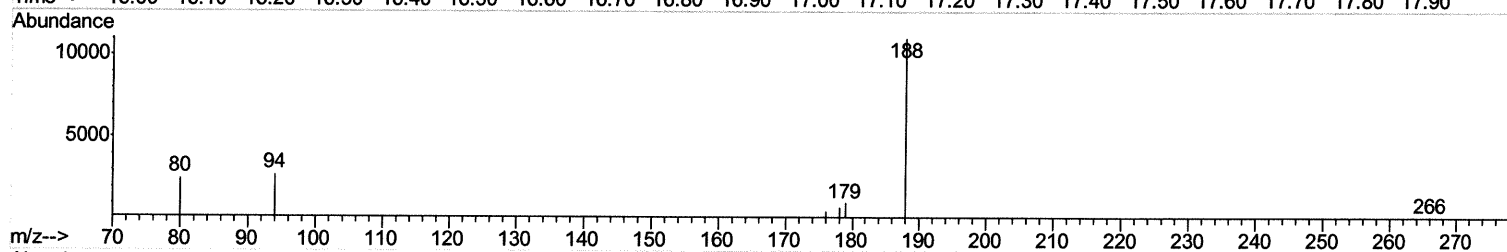
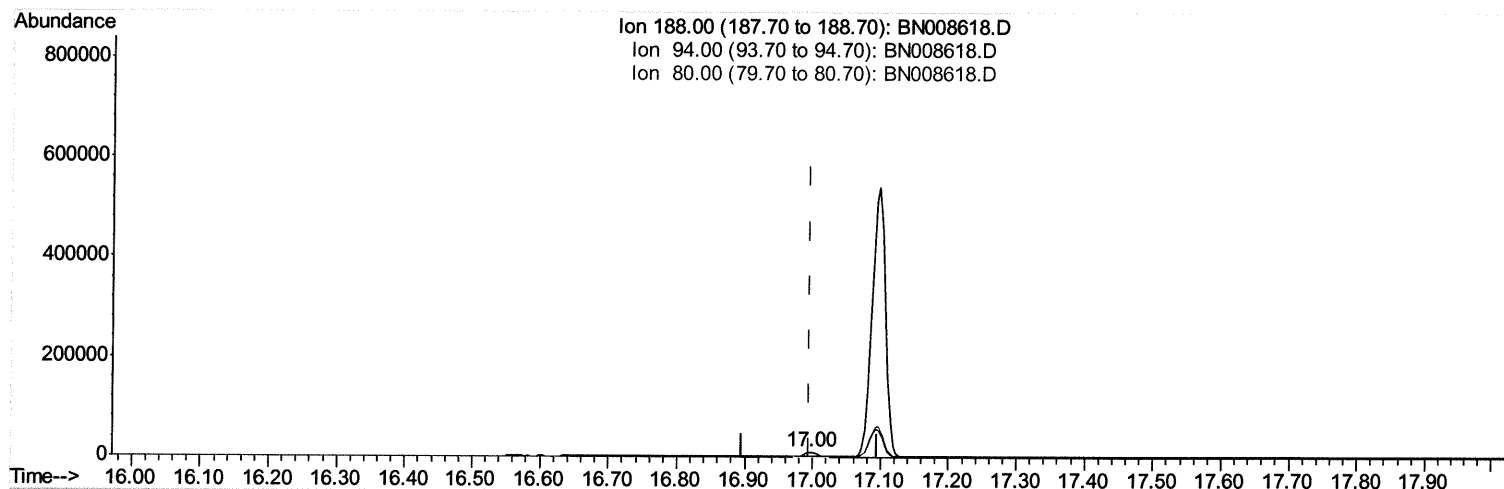
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TIC: BN008618.D

(10) Phenanthrene-d10 (I)

16.996min (0.000) 0.40ng/ul m

response 15736

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 10.60 | 24.79# |
| 80.00  | 11.80 | 22.69# |
| 0.00   | 0.00  | 0.00   |

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Quantitation Report (Qedit)

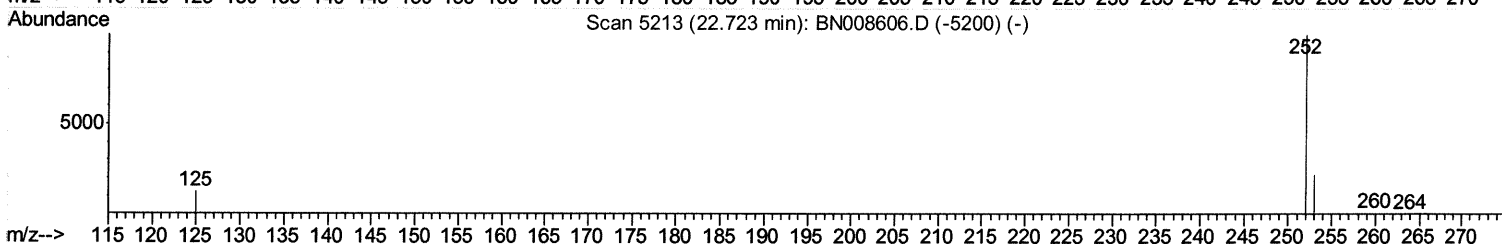
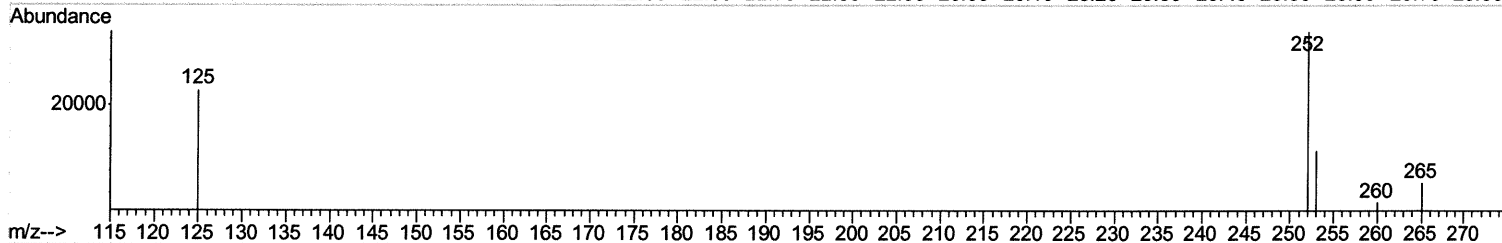
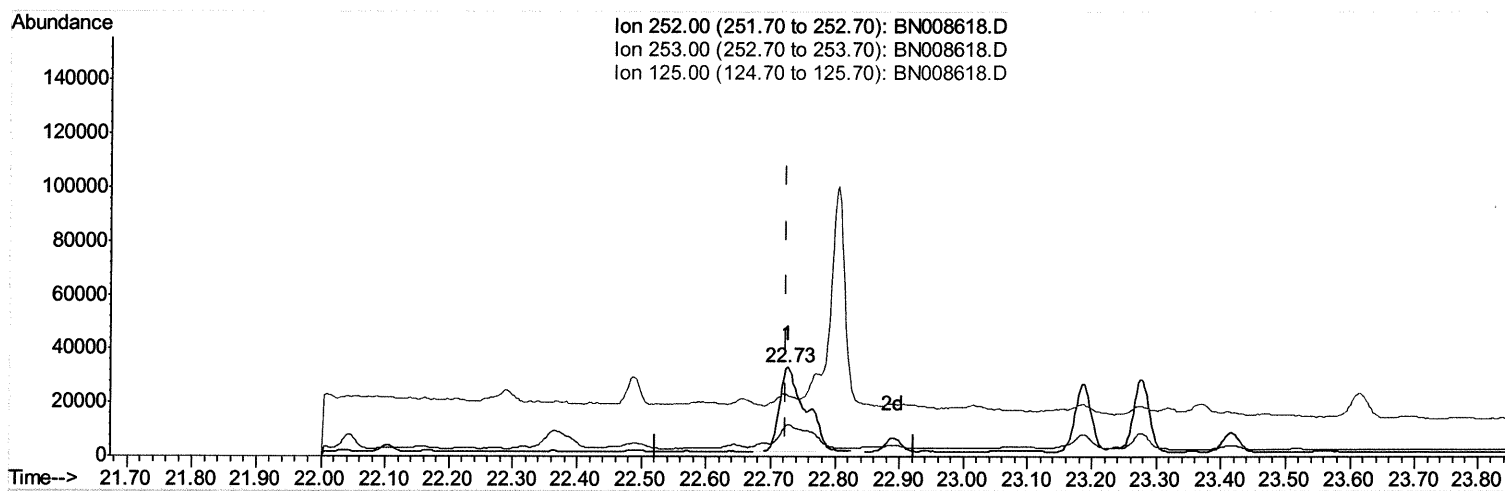
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Manual Integrations  
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Quant Time: Nov 19 03:13:31 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111519.M  
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TIC: BN008618.D

(21) Benzo(b)fluoranthene

22.726min (+0.003) 1.73ng/ul

response 88424

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.10 | 35.38  |
| 125.00 | 15.00 | 68.24# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN111819\  
Quantitation Report (Qedit)

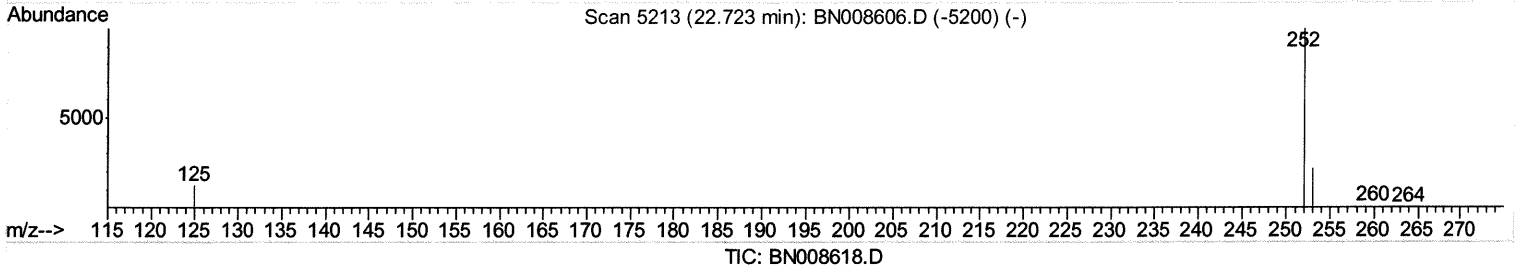
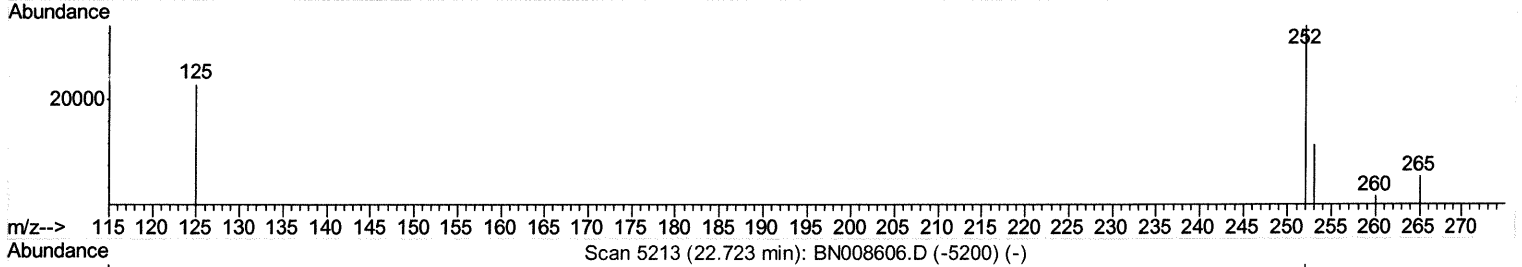
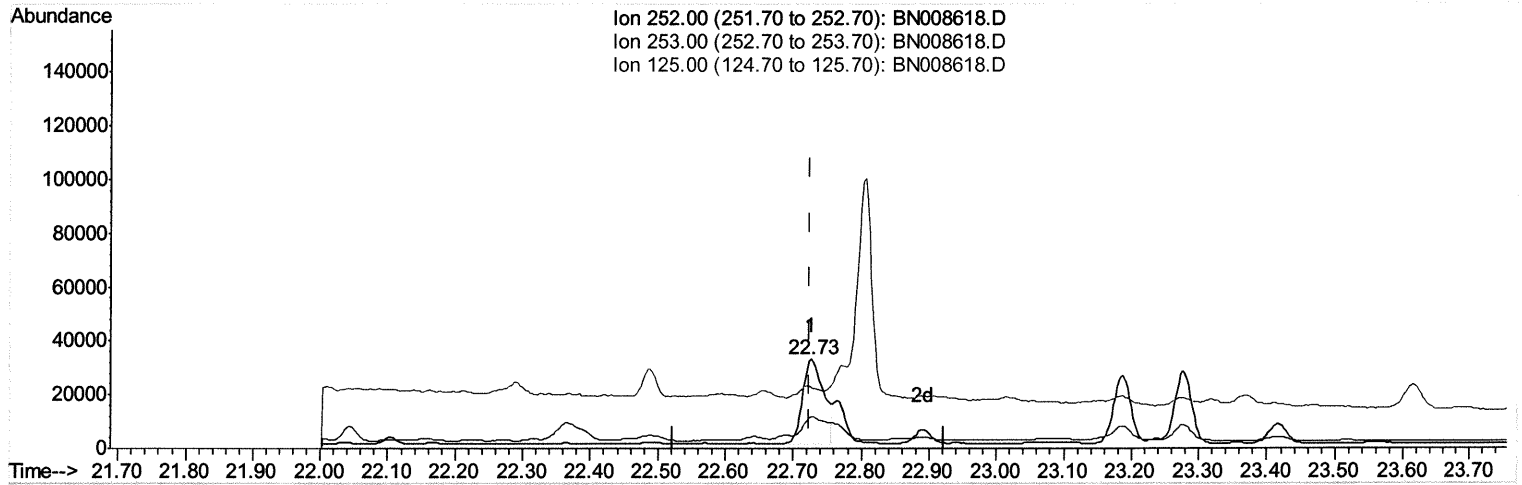
Data File : BN008618.D  
Acq On : 18 Nov 2019 23:44  
Operator : JU  
Sample : K5678-18MSD  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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Manual Integrations  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.726min (+0.003) 1.34ng/ul m

response 68412

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.10 | 35.38  |
| 125.00 | 15.00 | 68.24# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN111819\  
Quantitation Report (Qedit)

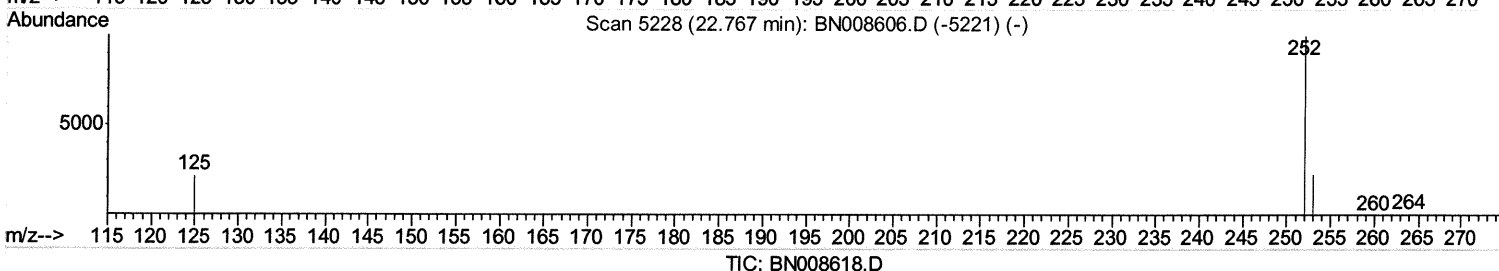
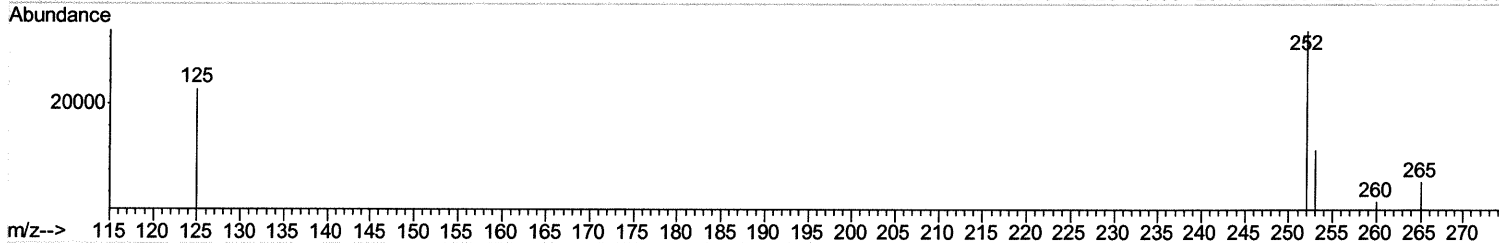
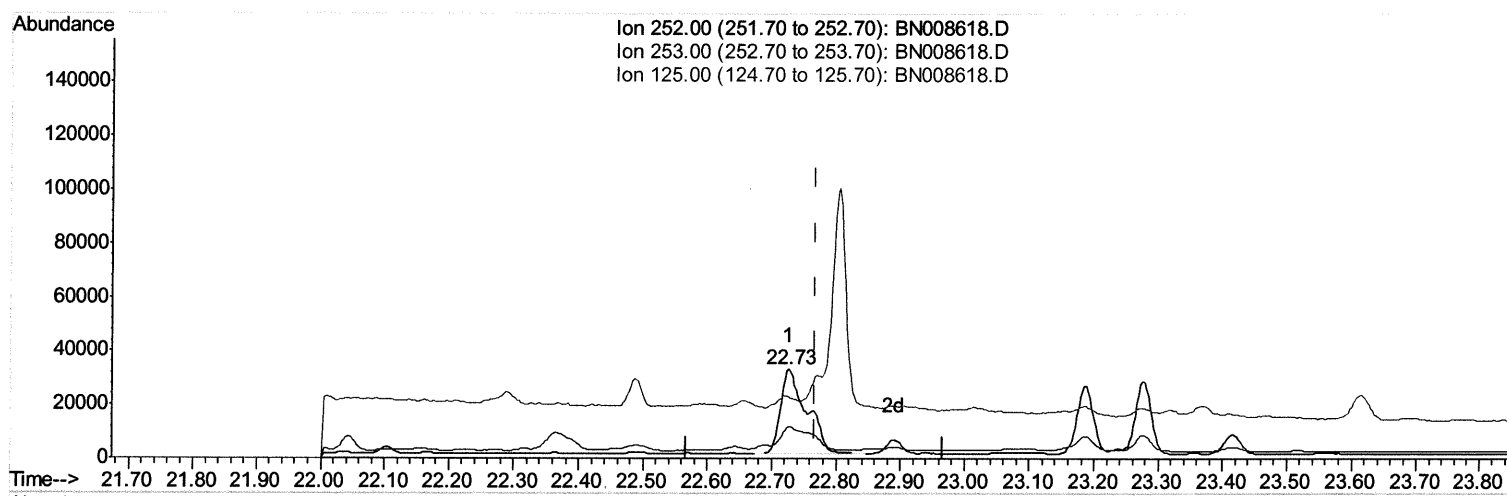
Data File : BN008618.D  
Acq On : 18 Nov 2019 23:44  
Operator : JU  
Sample : K5678-18MSD  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
JLMA1MSD

Manual Integrations  
APPROVED

mohammad  
11/19/2019 2:45:48 PM

Quant Time: Nov 19 03:13:31 2019  
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Response via : Initial Calibration



(22) Benzo(k)fluoranthene  
22.726min (-0.041) 1.75ng/ul  
response 88424

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.60 | 35.38# |
| 125.00 | 18.70 | 68.24# |
| 0.00   | 0.00  | 0.00   |

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Quantitation Report (Qedit)

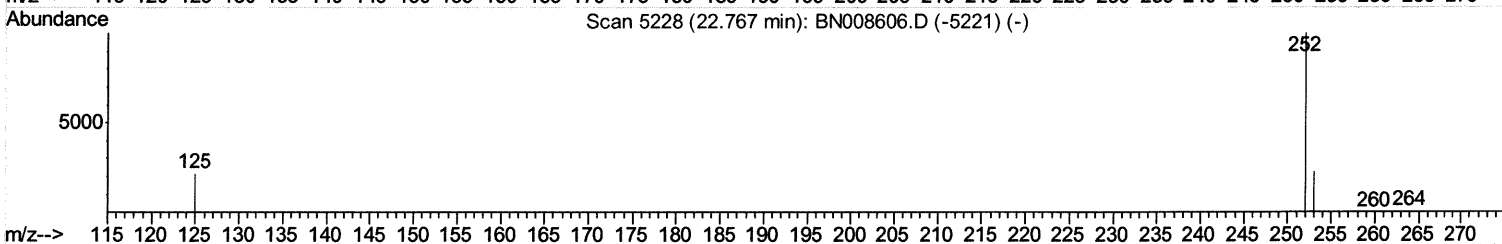
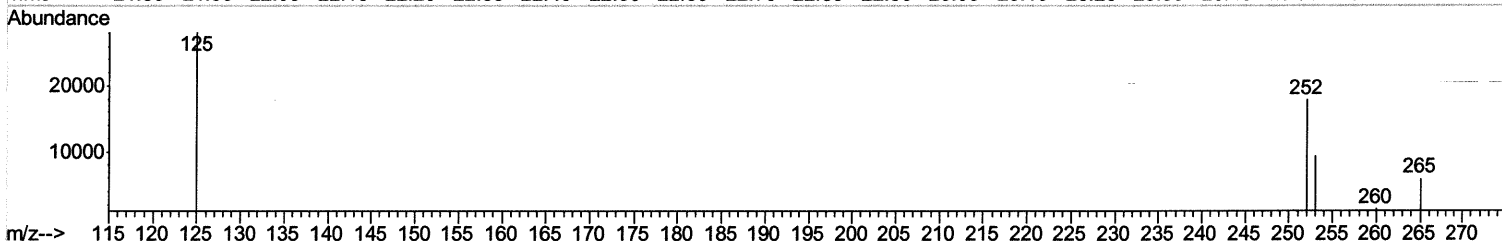
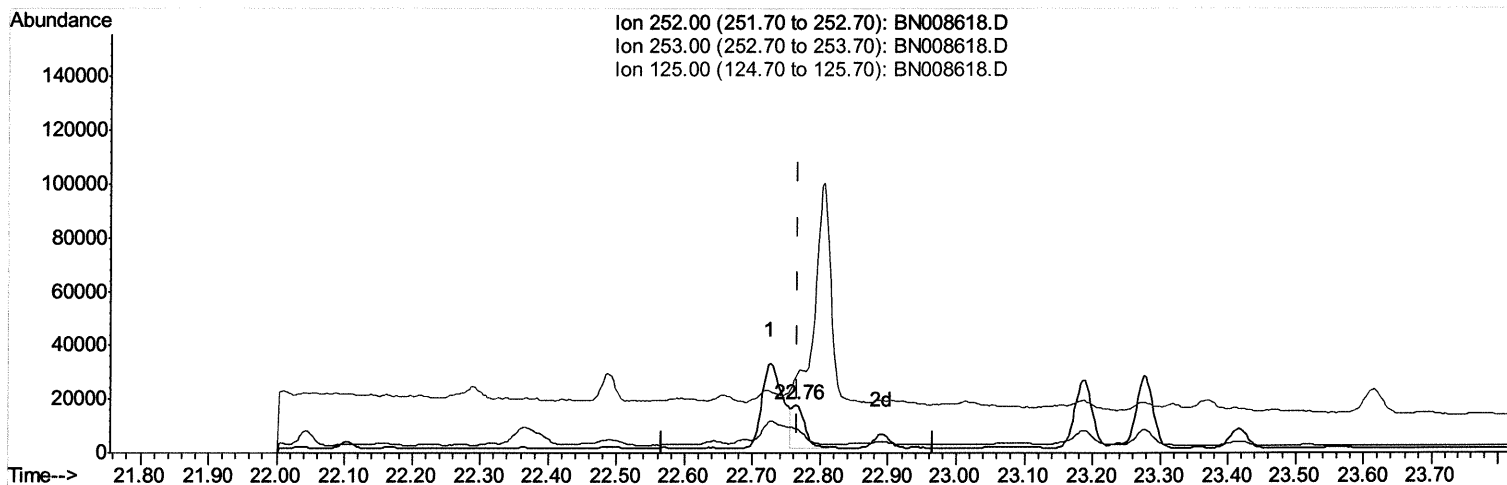
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Acq On : 18 Nov 2019 23:44  
Operator : JU  
Sample : K5678-18MSD  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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Manual Integrations  
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Response via : Initial Calibration



TIC: BN008618.D

(22) Benzo(k)fluoranthene

22.764min (-0.003) 0.41ng/ul m

response 20825

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 25.60 | 52.22#  |
| 125.00 | 18.70 | 157.73# |
| 0.00   | 0.00  | 0.00    |

*JU 11/19*

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Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev (Min) |
|---------------------------|-------|------|----------|------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 3700     | 0.40 | ng/ul | 0.00      |
| 2) Naphthalene-d8         | 10.39 | 136  | 13196    | 0.40 | ng/ul | 0.00      |
| 6) Acenaphthene-d10       | 14.26 | 164  | 7759     | 0.40 | ng/ul | 0.00      |
| 10) Phenanthrene-d10      | 17.00 | 188  | 15736m   | 0.40 | ng/ul | 0.00      |
| 16) Chrysene-d12          | 21.19 | 240  | 11712    | 0.40 | ng/ul | 0.00      |
| 20) Perylene-d12          | 23.37 | 264  | 12375    | 0.40 | ng/ul | 0.00      |

Ju 11/21/19

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev (Min) |
|-----------------------------|-------|------|----------|------|-------|-----------|
| 4) 2-Methylnaphthalene-d10  | 11.98 | 152  | 4855     | 0.22 | ng/ul | 0.00      |
| 14) Fluoranthene-d10        | 19.03 | 212  | 10291    | 0.21 | ng/ul | 0.00      |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 3) Naphthalene             | 10.44 | 128  | 23281    | 0.585  | ng/ul  | 99     |
| 5) 2-Methylnaphthalene     | 12.06 | 142  | 16038    | 0.577  | ng/ul  | 100    |
| 7) Acenaphthylene          | 13.97 | 152  | 6099     | 0.142  | ng/ul# | 89     |
| 8) Acenaphthene            | 14.32 | 153  | 541231   | 17.001 | ng/ul  | 99     |
| 9) Fluorene                | 15.31 | 166  | 13170    | 0.352  | ng/ul# | 92     |
| 11) Pentachlorophenol      | 16.66 | 266  | 59936    | 10.064 | ng/ul  | 99     |
| 12) Phenanthrene           | 17.04 | 178  | 126378   | 2.381  | ng/ul  | 99     |
| 13) Anthracene             | 17.13 | 178  | 26920    | 0.537  | ng/ul# | 93     |
| 15) Fluoranthene           | 19.06 | 202  | 119156   | 1.828  | ng/ul  | 100    |
| 17) Pyrene                 | 19.42 | 202  | 1146631  | 24.403 | ng/ul  | 96     |
| 18) Benzo(a)anthracene     | 21.18 | 228  | 42474    | 0.902  | ng/ul# | 86     |
| 19) Chrysene               | 21.23 | 228  | 57341    | 1.240  | ng/ul# | 89     |
| 21) Benzo(b)fluoranthene   | 22.73 | 252  | 68412m   | 1.341  | ng/ul  | 99     |
| 22) Benzo(k)fluoranthene   | 22.76 | 252  | 20825m   | 0.411  | ng/ul  | 99     |
| 23) Benzo(a)pyrene         | 23.28 | 252  | 48019    | 1.003  | ng/ul# | 52     |
| 24) Indeno(1,2,3-cd)pyrene | 25.53 | 276  | 35364    | 0.631  | ng/ul# | 91     |
| 25) Dibenzo(a,h)anthracene | 25.54 | 278  | 9189     | 0.203  | ng/ul# | 1      |
| 26) Benzo(g,h,i)perylene   | 26.18 | 276  | 40553    | 0.865  | ng/ul# | 83     |

Ju 11/21/19

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