

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122319\  
Quantitation Report (QT Reviewed)

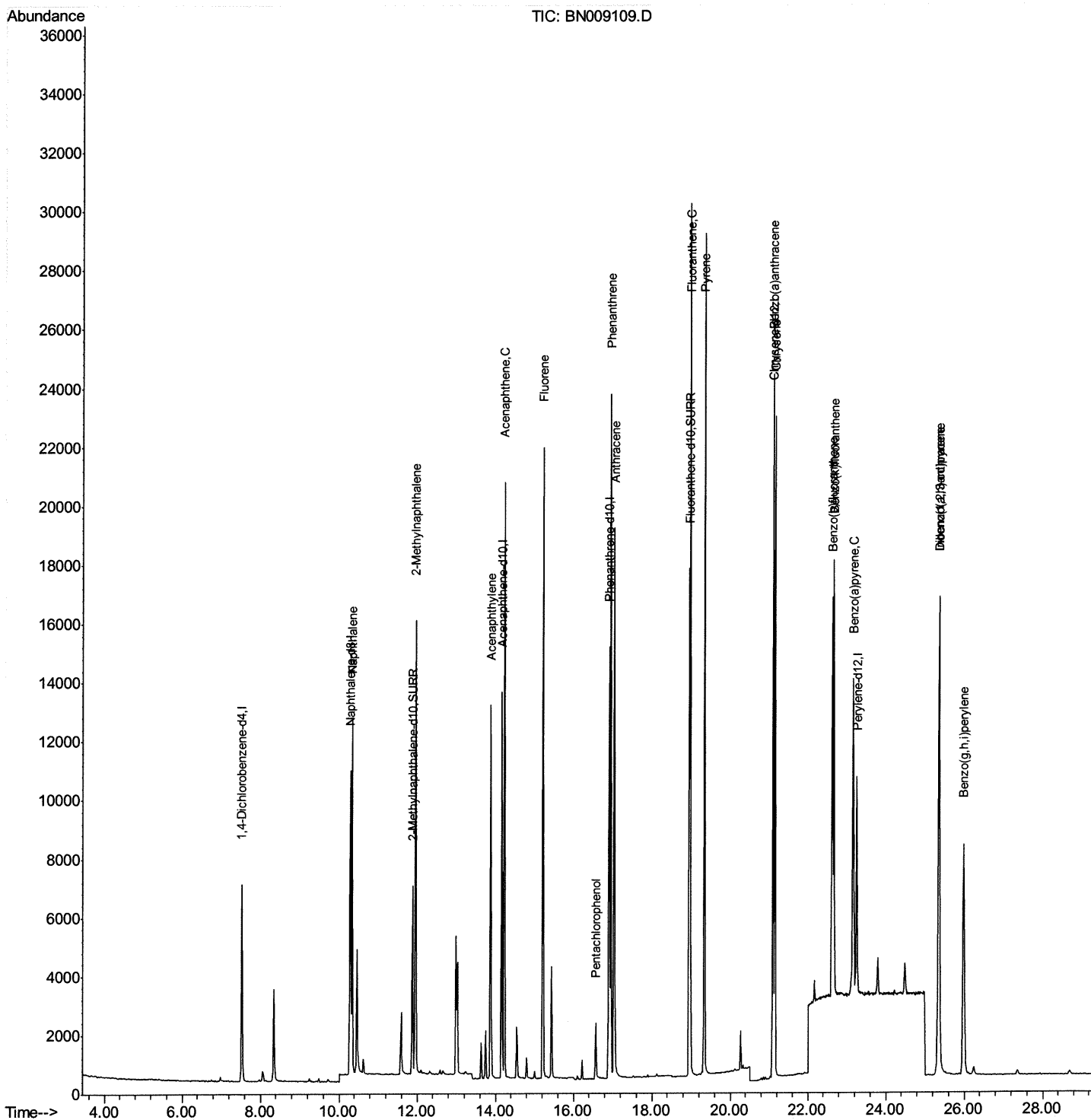
Data File : BN009109.D  
Acq On : 24 Dec 2019 04:23  
Operator : JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
LabSampleId :  
SSTD0.421

Manual Integrations  
APPROVED

mohammad  
12/24/2019 3:00:28 PM

Quant Time: Dec 24 05:38:54 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN121619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 24 02:43:36 2019  
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122319\  
Quantitation Report (Qedit)

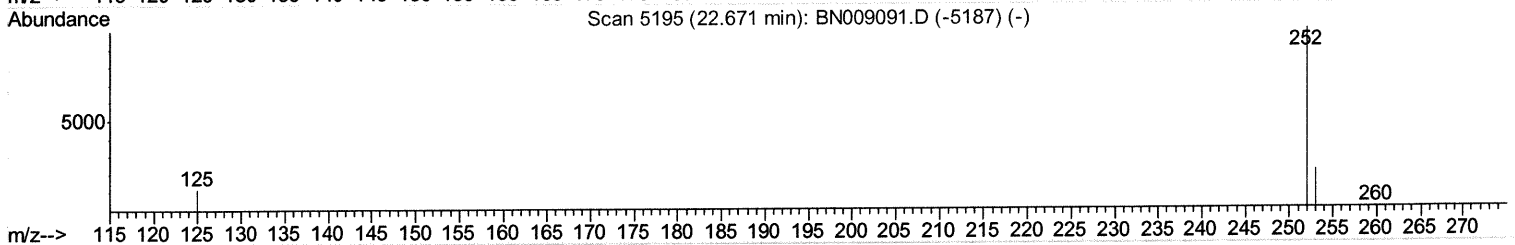
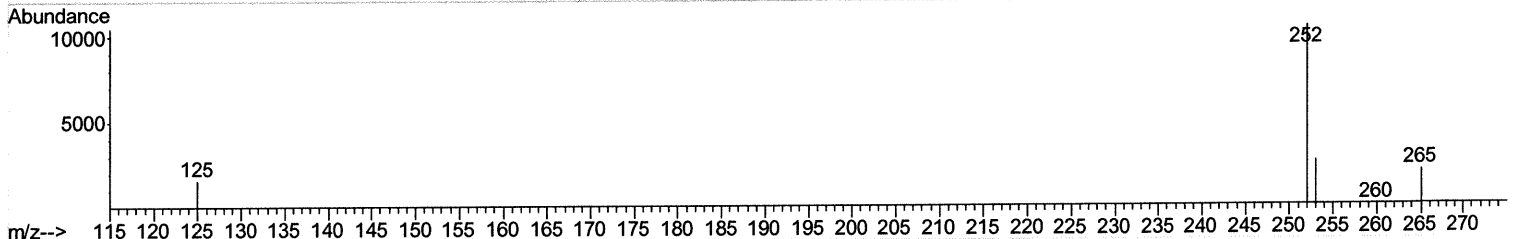
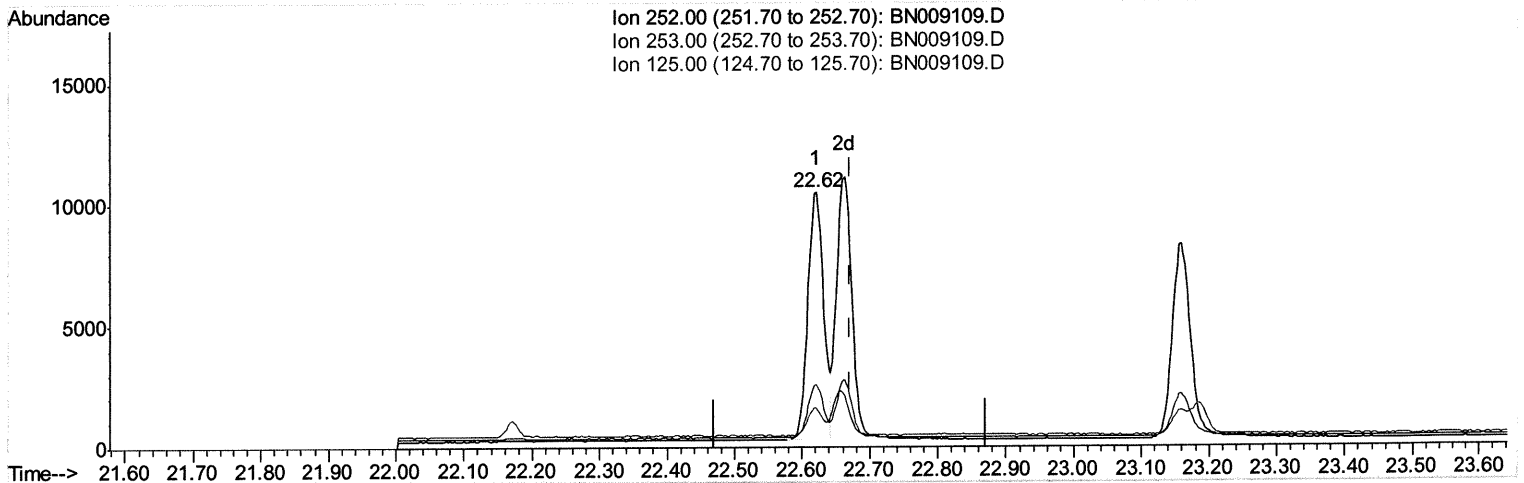
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Manual Integrations  
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mohammad  
12/24/2019 3:00:28 PM

Quant Time: Dec 24 05:32:21 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN121619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 24 02:43:36 2019  
Response via : Initial Calibration



TIC: BN009109.D

(22) Benzo(k)fluoranthene  
22.621min (-0.050) 0.40ng/ul  
response 16648  
Ion Exp% Act%  
252.00 100 100  
253.00 24.20 24.74  
125.00 15.50 15.27  
0.00 0.00 0.00

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Quantitation Report (Qedit)

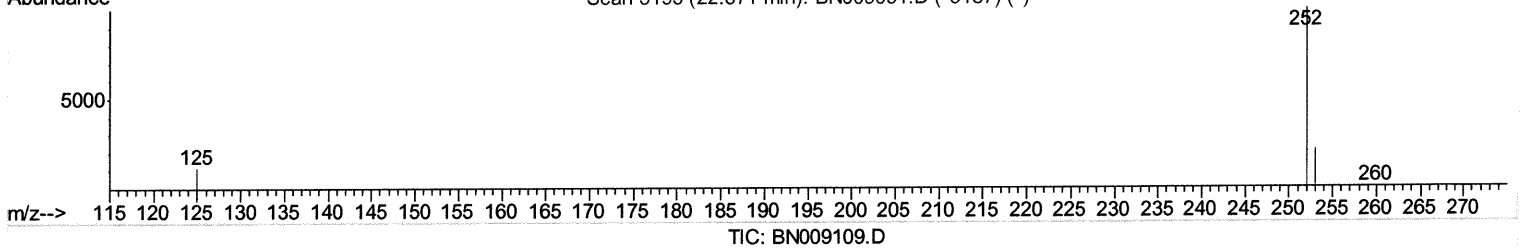
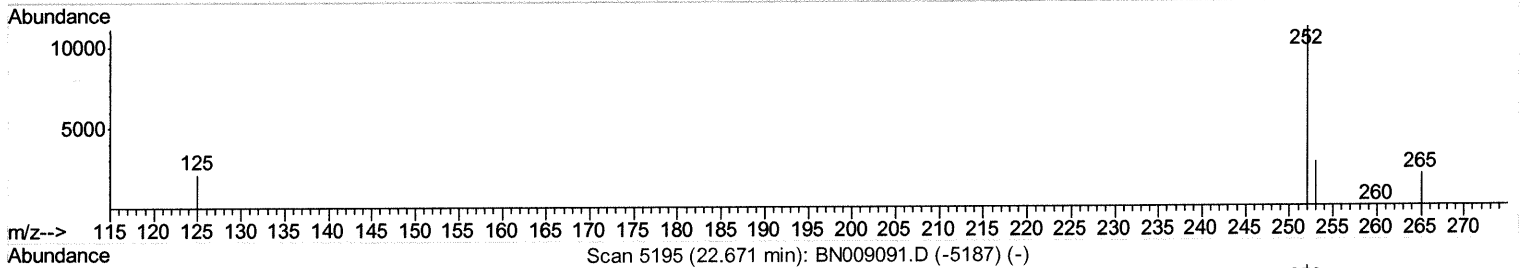
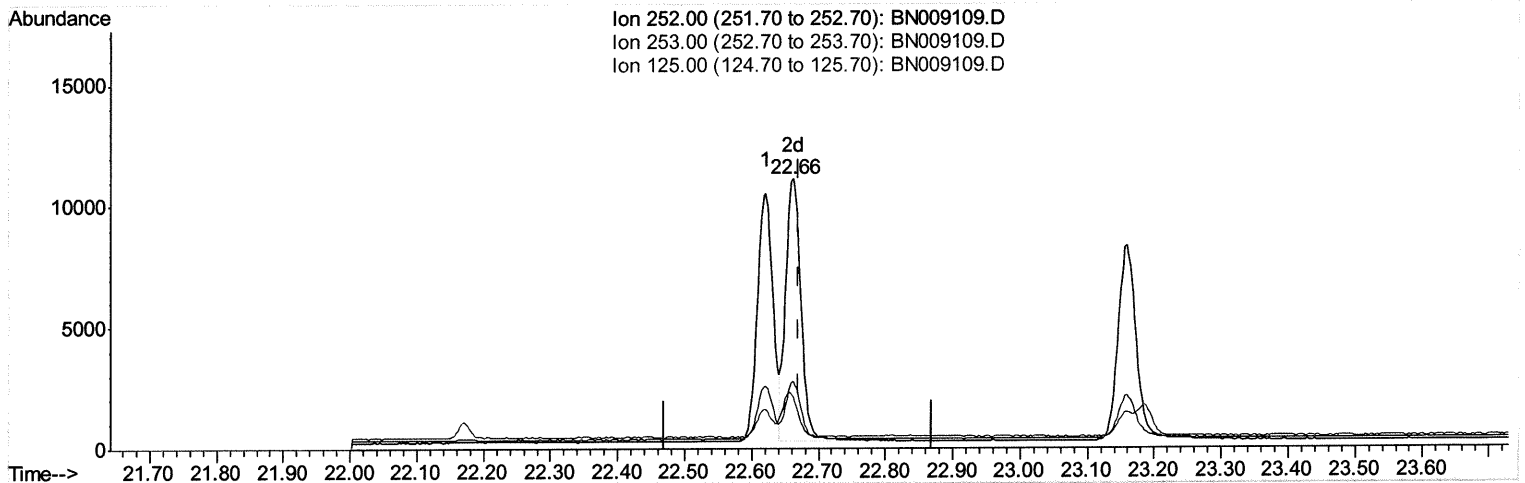
Data File : BN009109.D  
Acq On : 24 Dec 2019 04:23  
Operator : JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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LabSampleId :  
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Manual Integrations  
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12/24/2019 3:00:28 PM

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QLast Update : Tue Dec 24 02:43:36 2019  
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.662min (-0.009) 0.41ng/ul m *JU 12/26/19*

response 17334

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.20 | 25.01  |
| 125.00 | 15.50 | 19.02# |
| 0.00   | 0.00  | 0.00   |

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Manual Integrations  
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| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.53  | 152  | 3456     | 0.40   | ng/ul   | 0.00     |
| 2) Naphthalene-d8           | 10.28 | 136  | 12973    | 0.40   | ng/ul   | 0.00     |
| 6) Acenaphthene-d10         | 14.16 | 164  | 7201     | 0.40   | ng/ul   | 0.00     |
| 10) Phenanthrene-d10        | 16.91 | 188  | 16770    | 0.40   | ng/ul   | 0.00     |
| 16) Chrysene-d12            | 21.11 | 240  | 9882     | 0.40   | ng/ul   | 0.00     |
| 20) Perylene-d12            | 23.25 | 264  | 8921     | 0.40   | ng/ul   | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 4) 2-Methylnaphthalene-d10  | 11.89 | 152  | 8668     | 0.38   | ng/ul   | 0.00     |
| 14) Fluoranthene-d10        | 18.94 | 212  | 18455    | 0.37   | ng/ul   | 0.00     |
| Target Compounds            |       |      |          | Qvalue |         |          |
| 3) Naphthalene              | 10.33 | 128  | 16122    | 0.410  | ng/ul   | 99       |
| 5) 2-Methylnaphthalene      | 11.96 | 142  | 11253    | 0.379  | ng/ul   | 100      |
| 7) Acenaphthylene           | 13.88 | 152  | 14671    | 0.388  | ng/ul   | 100      |
| 8) Acenaphthene             | 14.22 | 153  | 11477    | 0.387  | ng/ul   | 99       |
| 9) Fluorene                 | 15.22 | 166  | 13495    | 0.385  | ng/ul   | 98       |
| 11) Pentachlorophenol       | 16.57 | 266  | 1429     | 0.320  | ng/ul   | 99       |
| 12) Phenanthrene            | 16.95 | 178  | 23782    | 0.408  | ng/ul   | 100      |
| 13) Anthracene              | 17.04 | 178  | 21001    | 0.402  | ng/ul   | 99       |
| 15) Fluoranthene            | 18.97 | 202  | 24780    | 0.372  | ng/ul   | 98       |
| 17) Pyrene                  | 19.34 | 202  | 24142    | 0.479  | ng/ul   | 100      |
| 18) Benzo(a)anthracene      | 21.10 | 228  | 18581    | 0.423  | ng/ul   | 99       |
| 19) Chrysene                | 21.15 | 228  | 18660    | 0.423  | ng/ul   | 99       |
| 21) Benzo(b)fluoranthene    | 22.62 | 252  | 16648    | 0.400  | ng/ul   | 99       |
| 22) Benzo(k)fluoranthene    | 22.66 | 252  | 17334m > | 0.413  | ng/ul > | 99       |
| 23) Benzo(a)pyrene          | 23.16 | 252  | 15569    | 0.426  | ng/ul   | 98       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.35 | 276  | 17828    | 0.448  | ng/ul#  | 99       |
| 25) Dibenzo(a,h)anthracene  | 25.36 | 278  | 14220    | 0.449  | ng/ul   | 99       |
| 26) Benzo(g,h,i)perylene    | 25.98 | 276  | 15278    | 0.456  | ng/ul   | 100      |

Ju 12/26/19

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