Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN123019\

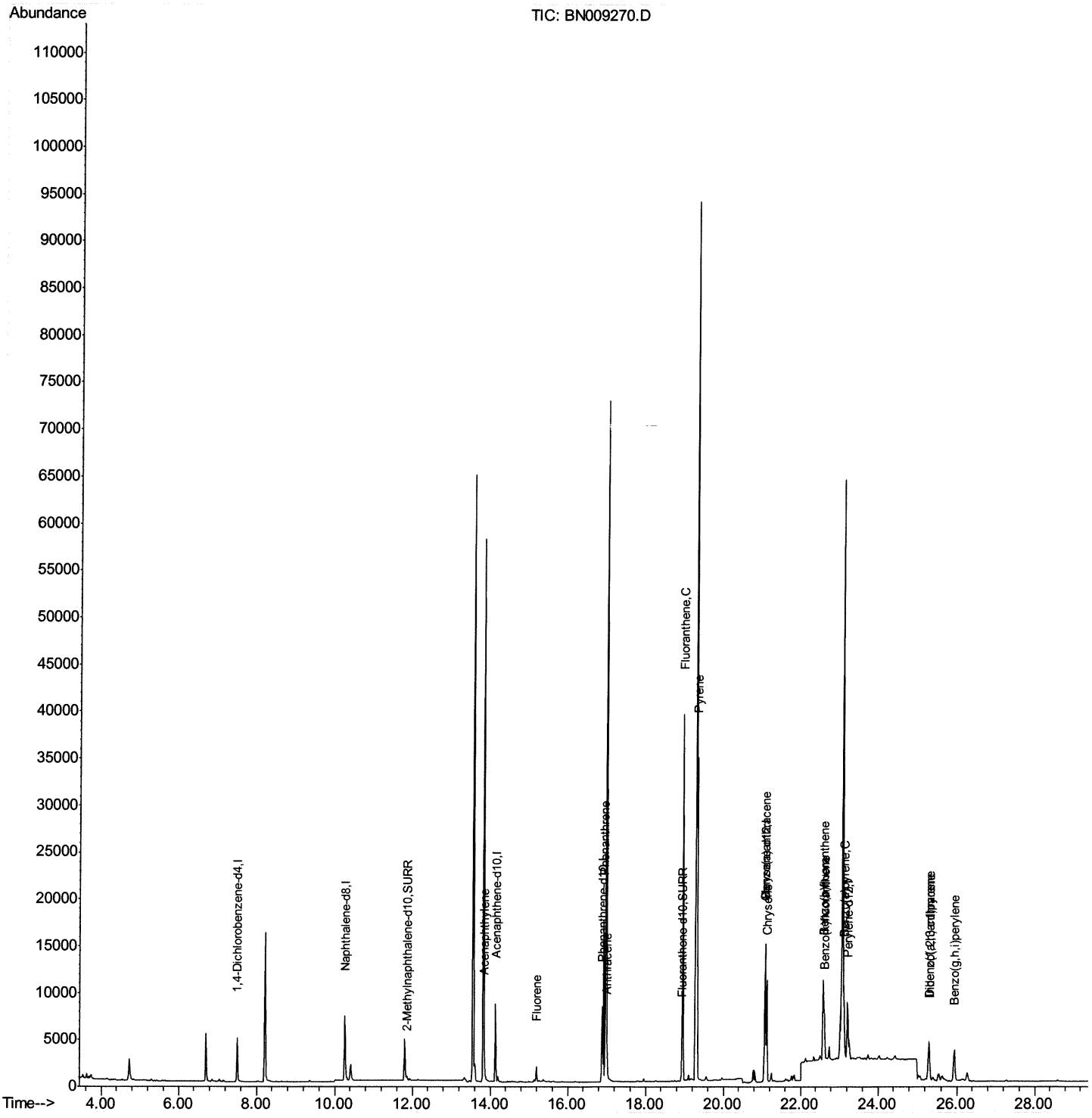
Quantitation Report (QT Reviewed)

Data File : BN009270.D
Acq On : 30 Dec 2019 21:18
Operator : JU
Sample : K6322-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 31 01:58:47 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 31 00:59:26 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0C95DL

**Manual Integrations APPROVED**
mohammad
12/31/2019 12:12:46 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN123019\

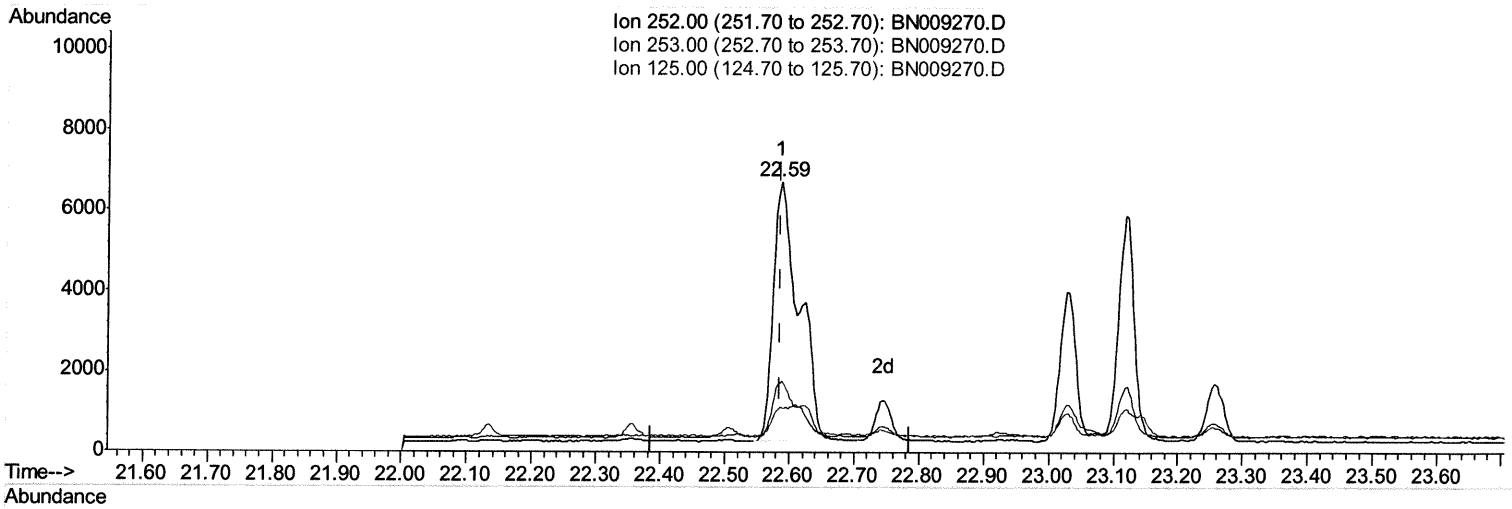
Quantitation Report (Qedit)

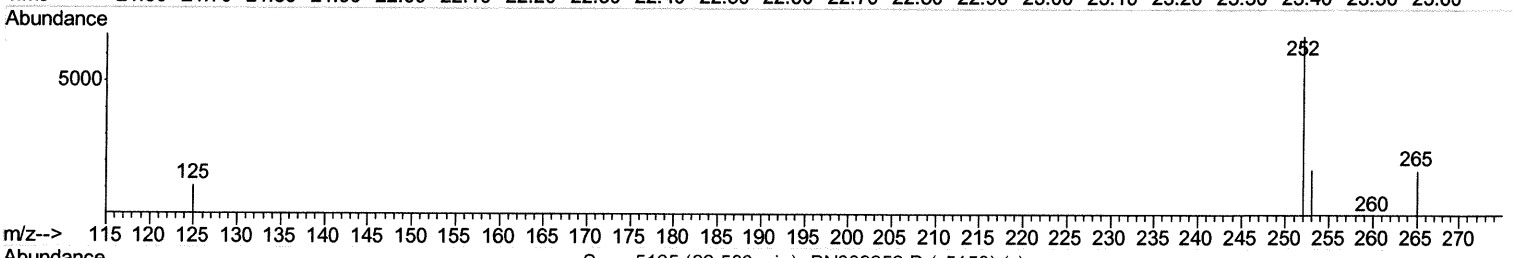
Data File : BN009270.D
Acq On : 30 Dec 2019 21:18
Operator : JU
Sample : K6322-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 31 01:04:28 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 31 00:59:26 2019
Response via : Initial Calibration

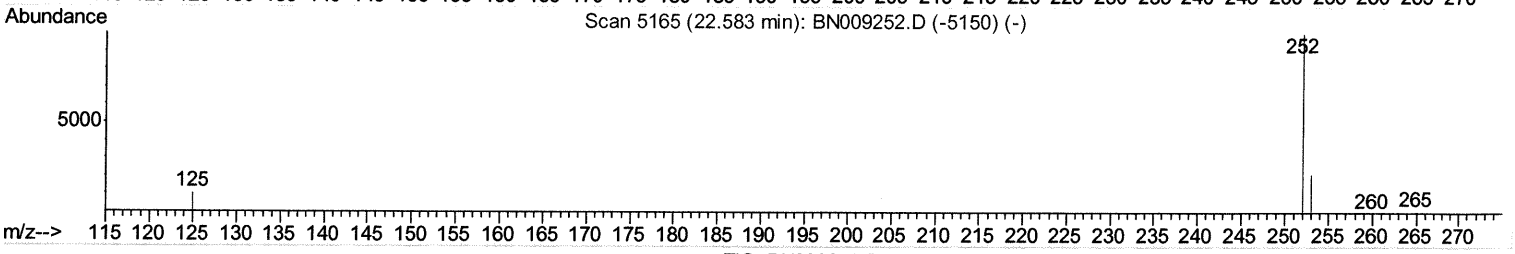
**Instrument :**
BNA_N
**ClientSampleId :**
C0C95DL

**Manual Integrations APPROVED**
mohammad
12/31/2019 12:12:46 PM




Scan 5165 (22.583 min): BN009252.D (-5150) (-)




TIC: BN009270.D

(21) Benzo(b)fluoranthene

22.586min (+0.000) 0.54ng/ul

response 17956

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.10 | 26.00 |
| 125.00 | 15.00 | 16.80 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN123019\

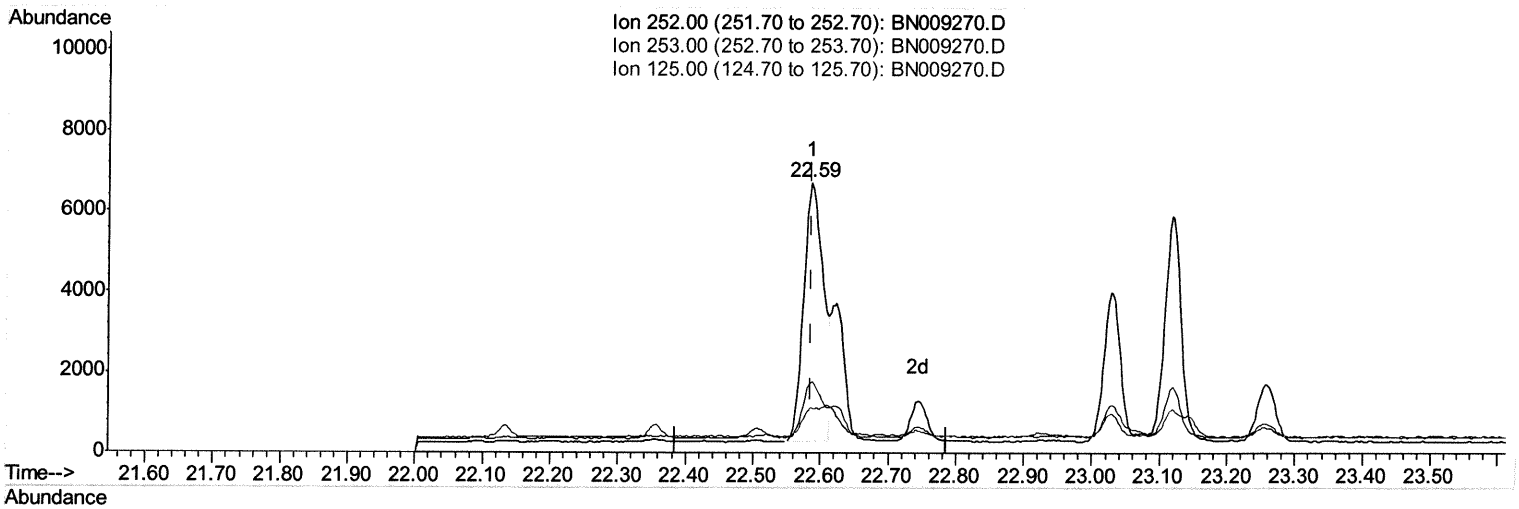
Quantitation Report (Qedit)

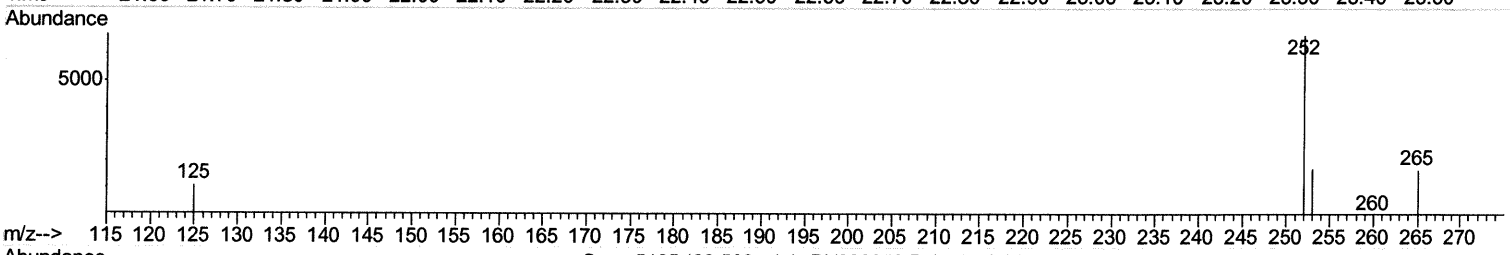
Data File : BN009270.D
Acq On : 30 Dec 2019 21:18
Operator : JU
Sample : K6322-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 31 01:04:28 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 31 00:59:26 2019
Response via : Initial Calibration

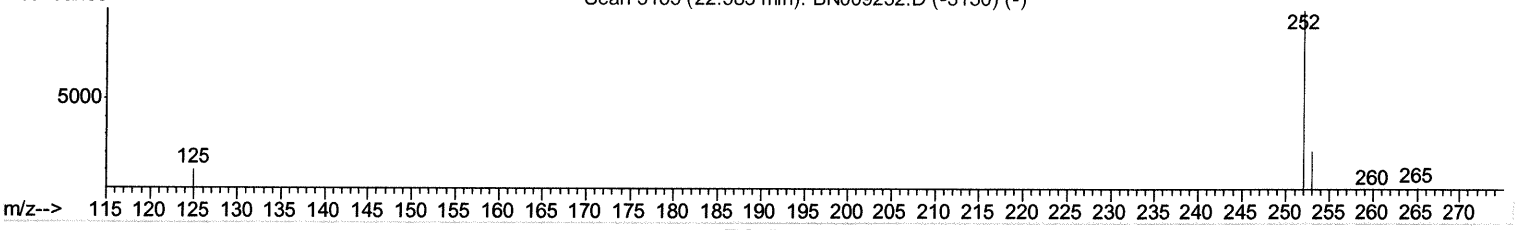
**Instrument :**
BNA_N
**ClientSampleId :**
C0C95DL

**Manual Integrations APPROVED**
mohammad
12/31/2019 12:12:46 PM




Scan 5165 (22.583 min): BN009252.D (-5150) (-)




TIC: BN009270.D

(21) Benzo(b)fluoranthene

22.586min (+0.000) 0.39ng/ul m JU 12/31/19

response 12999

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.10 | 26.00 |
| 125.00 | 15.00 | 16.80 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN123019\

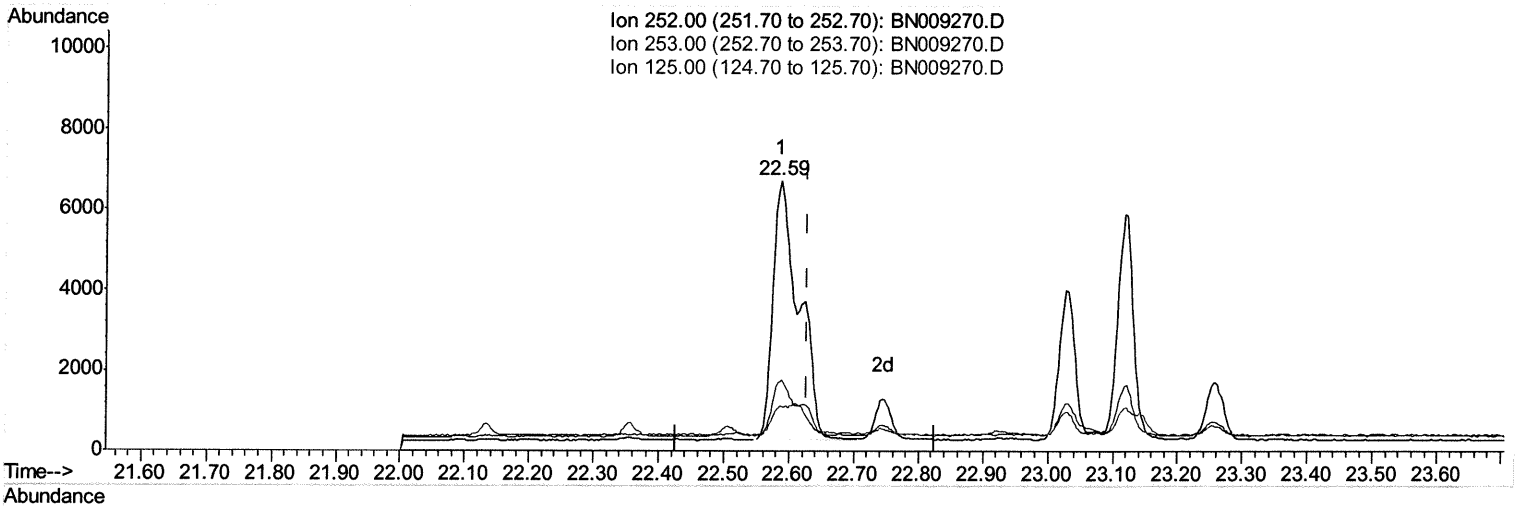
Quantitation Report (Qedit)

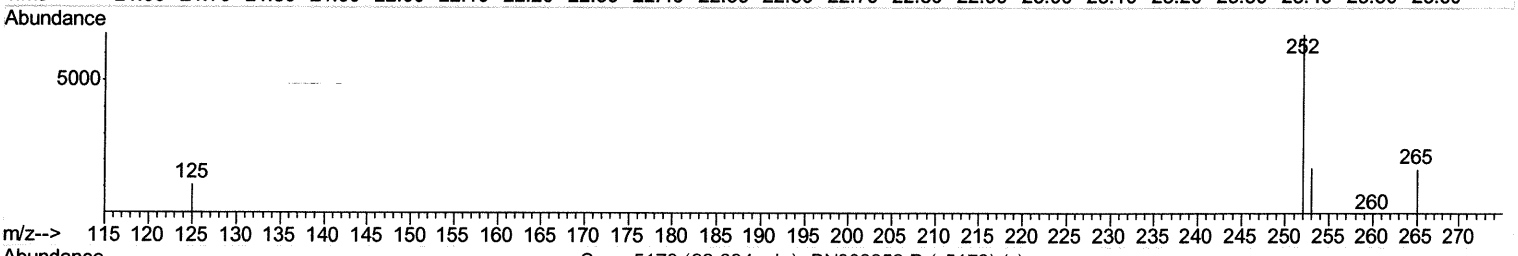
Data File : BN009270.D
Acq On : 30 Dec 2019 21:18
Operator : JU
Sample : K6322-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

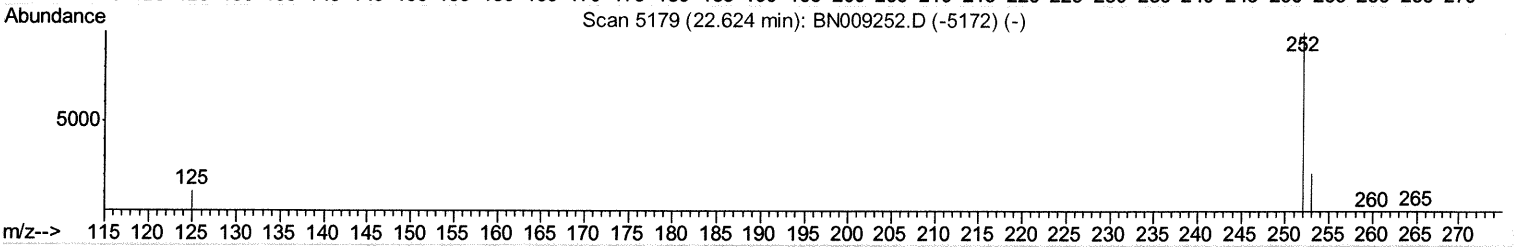
Quant Time: Dec 31 01:04:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 00:59:26 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0C95DL

**Manual Integrations APPROVED**
mohammad
12/31/2019 12:12:46 PM




TIC: BN009270.D

(22) Benzo(k)fluoranthene

22.586min (-0.041) 0.54ng/ul

response 17956

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.20 | 26.00 |
| 125.00 | 15.50 | 16.80 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN123019\

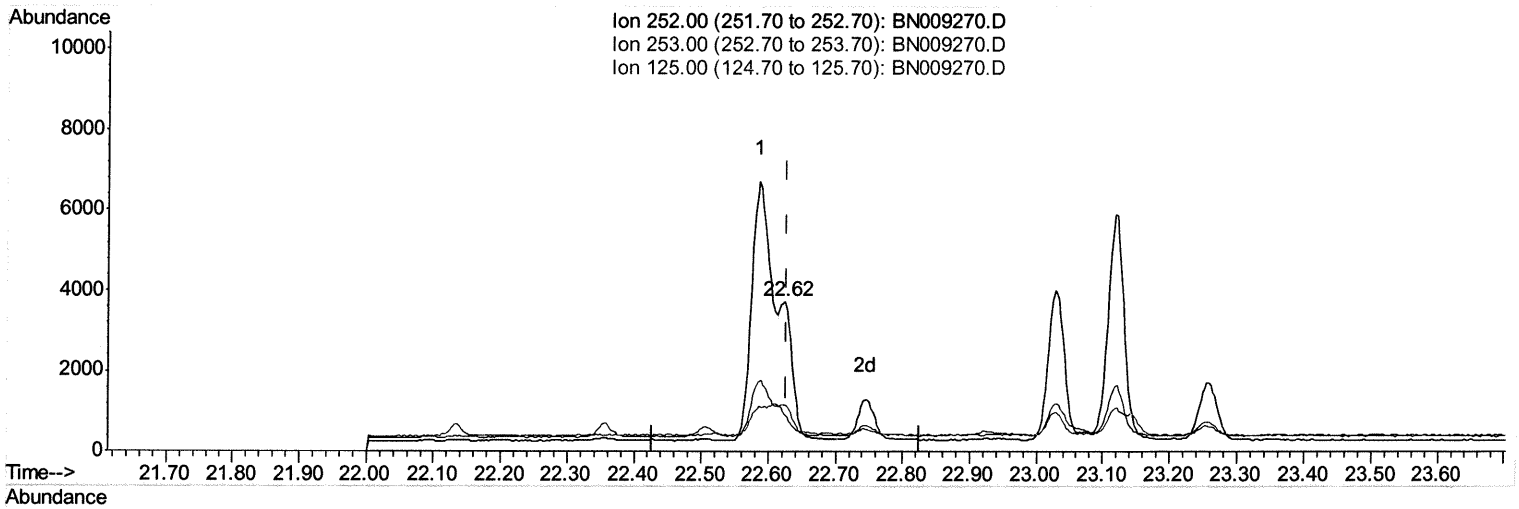
Quantitation Report (Qedit)

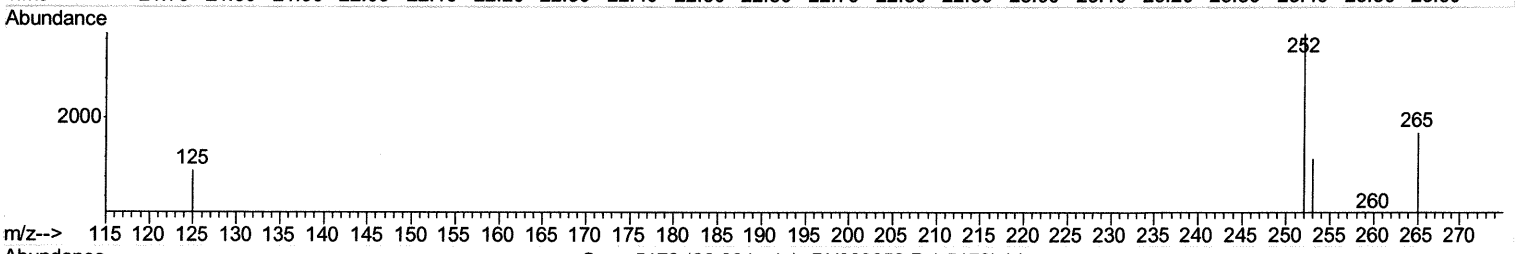
Data File : BN009270.D
Acq On : 30 Dec 2019 21:18
Operator : JU
Sample : K6322-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

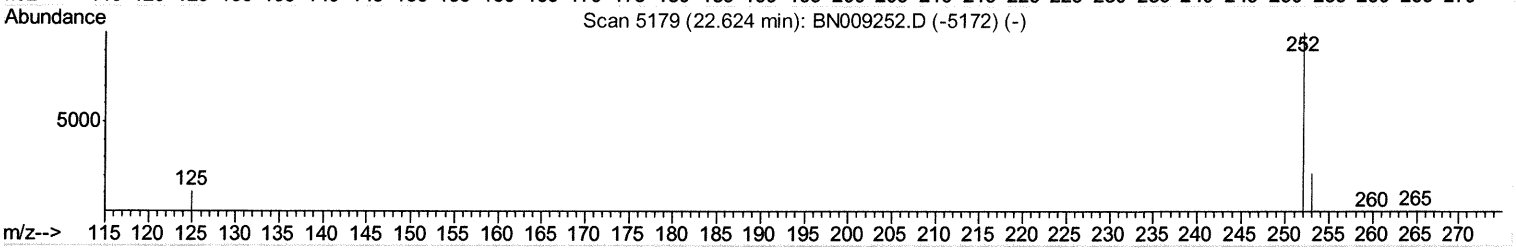
Quant Time: Dec 31 01:04:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 00:59:26 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0C95DL

**Manual Integrations APPROVED**
mohammad
12/31/2019 12:12:46 PM




TIC: BN009270.D

(22) Benzo(k)fluoranthene

22.624min (-0.003) 0.15ng/ul m JU 12/31/19

response 4918

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.20 | 31.44# |
| 125.00 | 15.50 | 24.60# |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN123019\

Quantitation Report (QT Reviewed)

Data File : BN009270.D
Acq On : 30 Dec 2019 21:18
Operator : JU
Sample : K6322-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 31 01:58:47 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 31 00:59:26 2019
Response via : Initial Calibration

**Instrument :** BNA_N
**ClientSampleId :** C0C95DL

**Manual Integrations APPROVED**
mohammad
12/31/2019 12:12:46 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.51 | 152 | 2428 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.26 | 136 | 8550 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.13 | 164 | 4511 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.88 | 188 | 8889 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.08 | 240 | 6975 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.21 | 264 | 7113 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.86 | 152 | 534 | 0.04 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 18.92 | 212 | 1019 | 0.04 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 7) Acenaphthylene | 13.85 | 152 | 1788 | 0.075 | ng/ul# | 93 |
| 9) Fluorene | 15.19 | 166 | 1084 | 0.049 | ng/ul# | 96 |
| 12) Phenanthrene | 16.92 | 178 | 17587 | 0.569 | ng/ul | 100 |
| 13) Anthracene | 17.02 | 178 | 3332 | 0.120 | ng/ul | 97 |
| 15) Fluoranthene | 18.95 | 202 | 32393 | 0.916 | ng/ul | 100 |
| 17) Pyrene | 19.31 | 202 | 27585 | 0.775 | ng/ul | 99 |
| 18) Benzo(a)anthracene | 21.07 | 228 | 10789 | 0.348 | ng/ul | 98 |
| 19) Chrysene | 21.12 | 228 | 10578 | 0.340 | ng/ul | 97 |
| 21) Benzo(b)fluoranthene | 22.59 | 252 | 12999m | 0.391 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.62 | 252 | 4918m | 0.147 | ng/ul | |
| 23) Benzo(a)pyrene | 23.12 | 252 | 9508 | 0.327 | ng/ul | 96 |
| 24) Indeno(1,2,3-cd)pyrene | 25.30 | 276 | 6341 | 0.200 | ng/ul# | 90 |
| 25) Dibenzo(a,h)anthracene | 25.31 | 278 | 1405 | 0.056 | ng/ul# | 62 |
| 26) Benzo(g,h,i)perylene | 25.93 | 276 | 6441 | 0.241 | ng/ul | 98 |

JU 12/31/19

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