Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

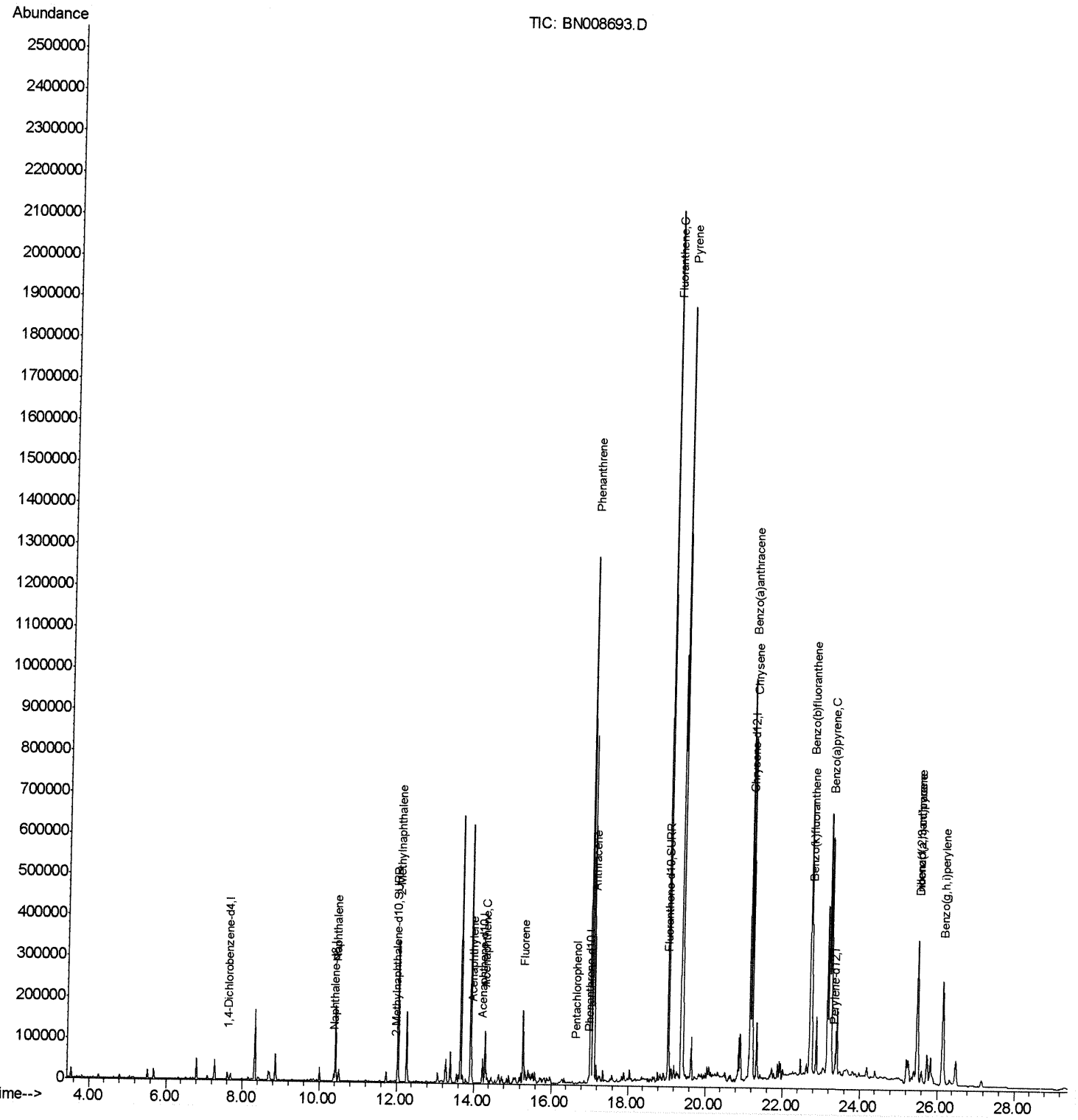
Quantitation Report (QT Reviewed)

Data File : BN008693.D
Acq On : 22 Nov 2019 01:51
Operator : JU
Sample : K5854-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 22 07:23:09 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 Nov 22 07:12:34 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0AC4

**Manual Integrations APPROVED**
mohammad
11/22/2019 1:23:58 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

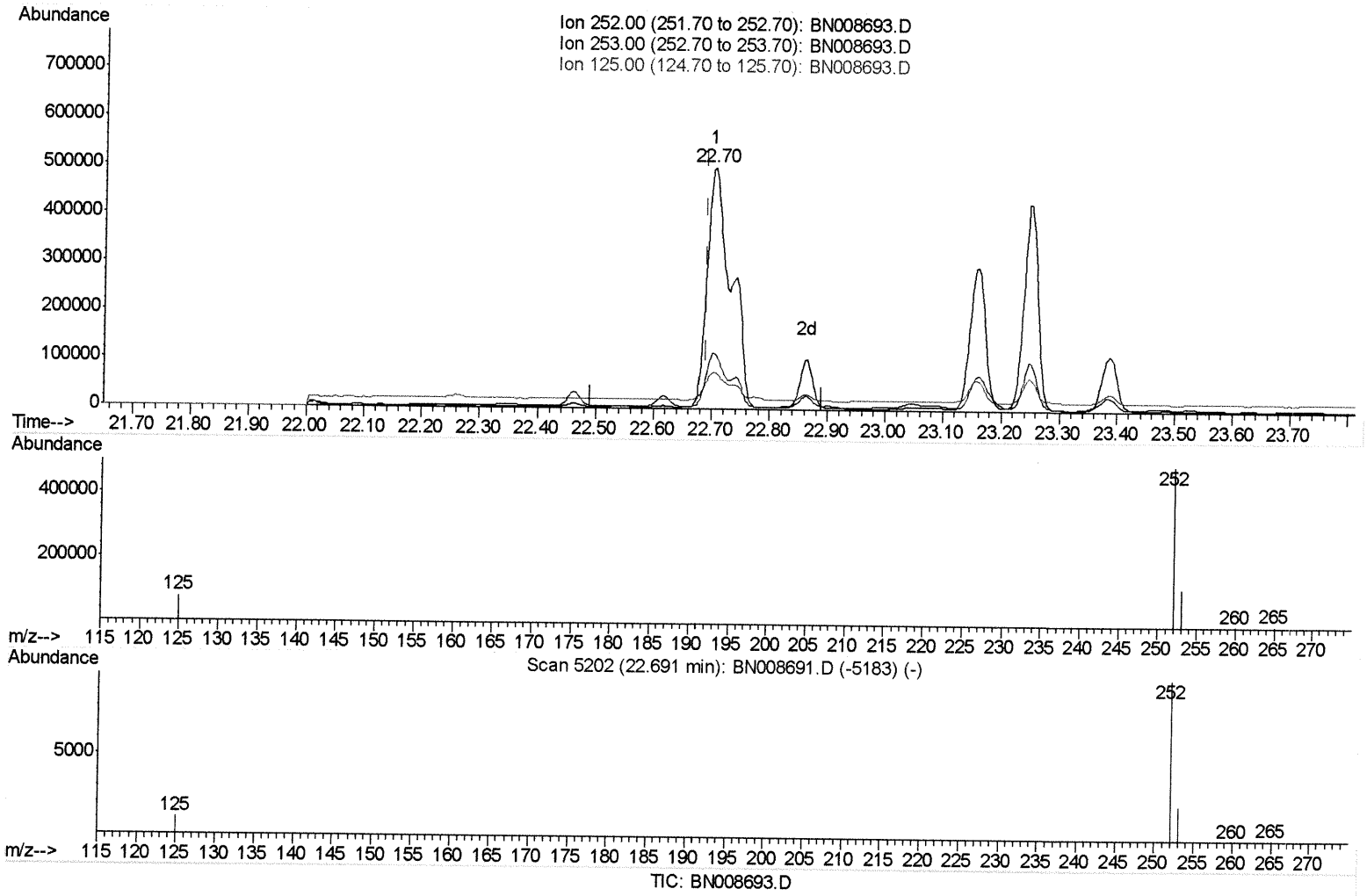
Quantitation Report (Qedit)

Data File : BN008693.D
Acq On : 22 Nov 2019 01:51
Operator : JU
Sample : K5854-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 22 07:15:43 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 Nov 22 07:12:34 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0AC4

**Manual Integrations APPROVED**
mohammad
11/22/2019 1:23:58 PM




TIC: BN008693.D

(21) Benzo(b)fluoranthene

22.703min (+0.012) 22.04ng/ul

response 1423227

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 25.10 | 23.38 |
| 125.00 | 15.00 | 15.33 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

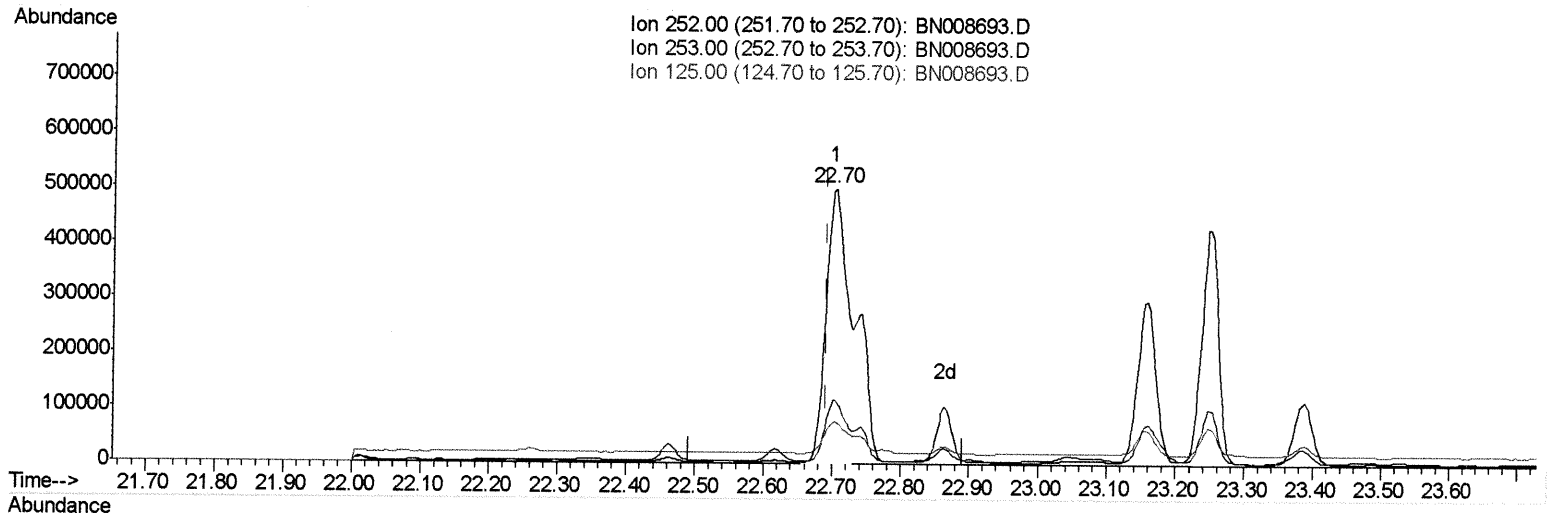
Quantitation Report (Qedit)

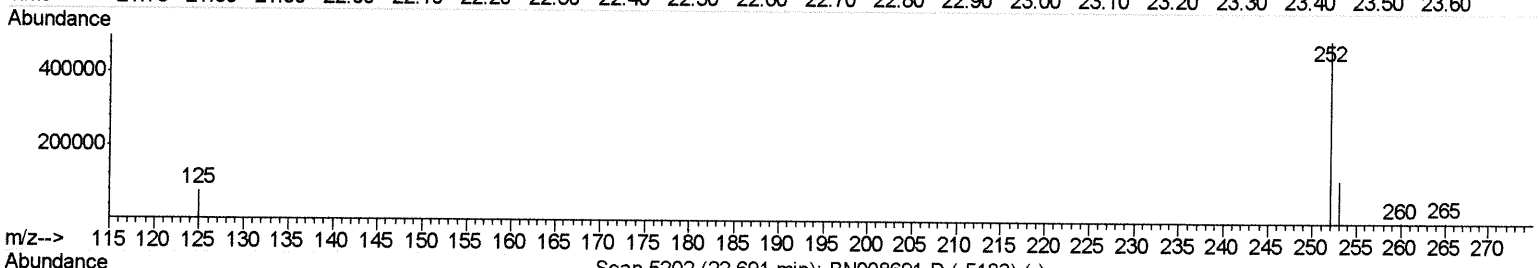
Data File : BN008693.D
Acq On : 22 Nov 2019 01:51
Operator : JU
Sample : K5854-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

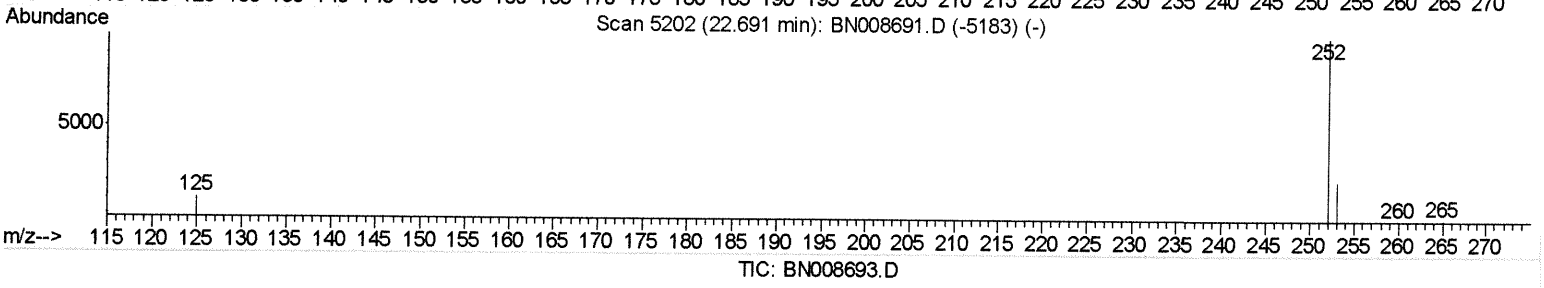
Quant Time: Nov 22 07:15:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0AC4

**Manual Integrations APPROVED**
mohammad
11/22/2019 1:23:58 PM




TIC: BN008693.D

(21) Benzo(b)fluoranthene

22.703min (+0.012) 16.61ng/ul m JU 11/25/19

response 1072419

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 25.10 | 23.38 |
| 125.00 | 15.00 | 15.33 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

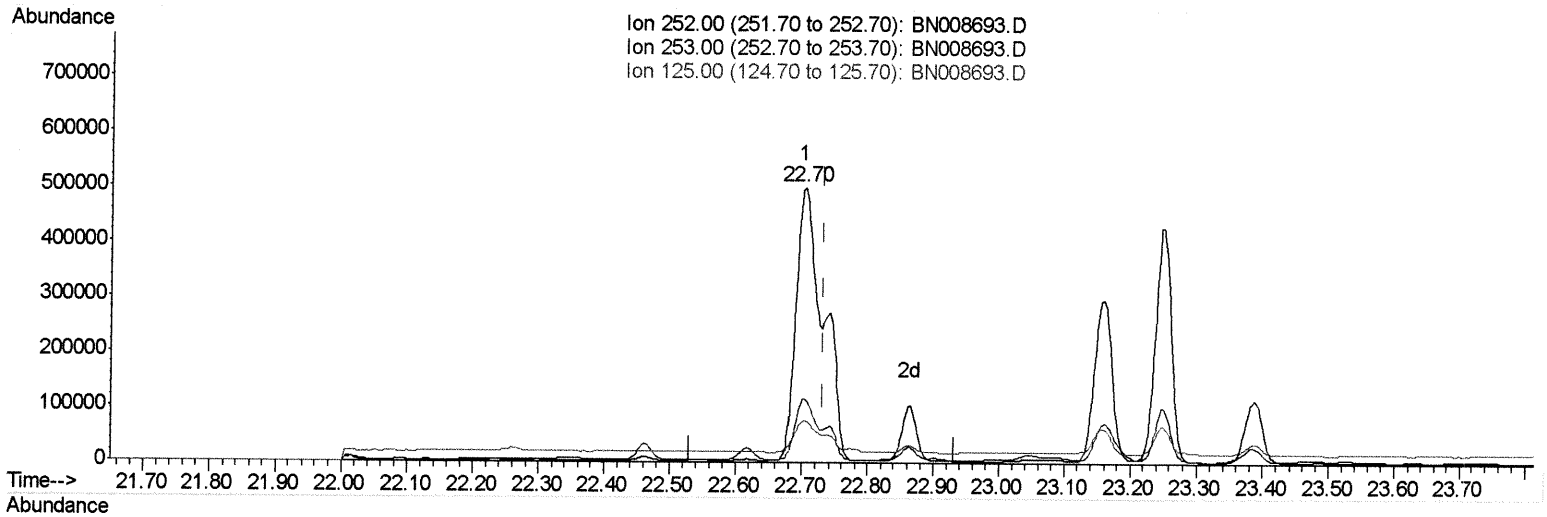
Quantitation Report (Qedit)

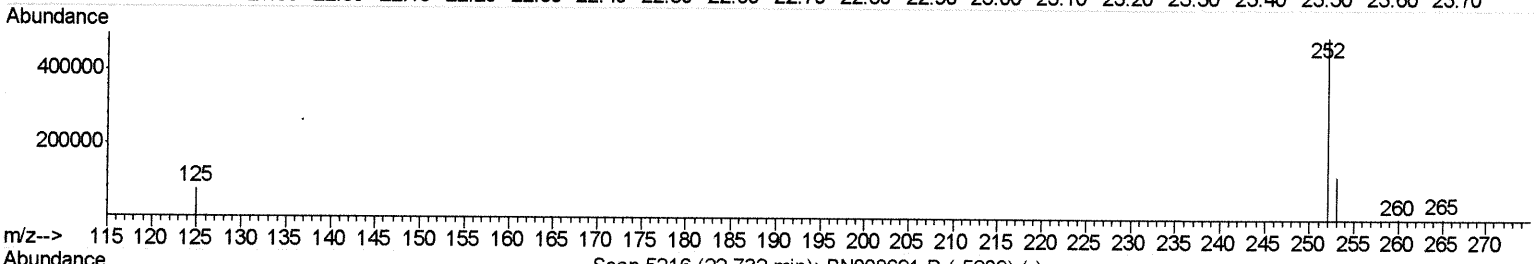
Data File : BN008693.D
Acq On : 22 Nov 2019 01:51
Operator : JU
Sample : K5854-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

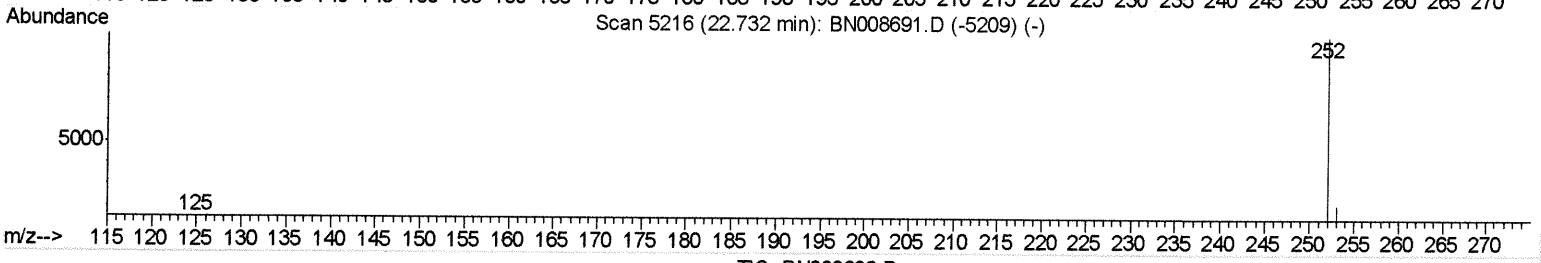
Quant Time: Nov 22 07:15:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0AC4

**Manual Integrations APPROVED**
mohammad
11/22/2019 1:23:58 PM




TIC: BN008693.D

(22) Benzo(k)fluoranthene

22.703min (-0.029) 22.22ng/ul

response 1423227

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 25.60 | 23.38 |
| 125.00 | 18.70 | 15.33 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

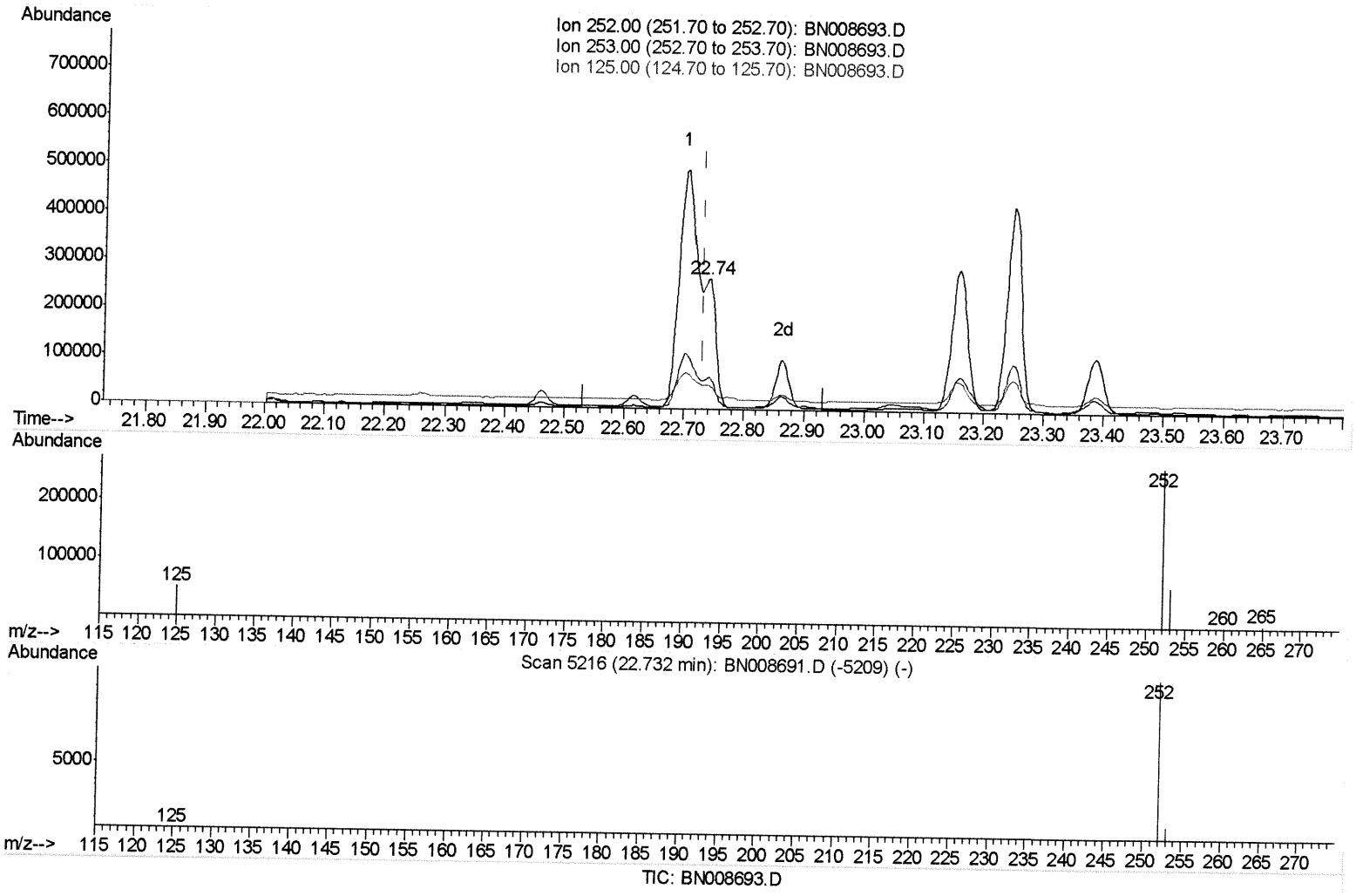
Quantitation Report (Qedit)

Data File : BN008693.D
Acq On : 22 Nov 2019 01:51
Operator : JU
Sample : K5854-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 22 07:15:43 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 Nov 22 07:12:34 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0AC4

**Manual Integrations APPROVED**
mohammad
11/22/2019 1:23:58 PM




TIC: BN008693.D

(22) Benzo(k)fluoranthene

22.741min (+0.009) 5.68ng/ul m JU 11/25/19

response 363888

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 25.60 | 24.74 |
| 125.00 | 18.70 | 18.67 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

Quantitation Report (QT Reviewed)

Data File : BN008693.D
Acq On : 22 Nov 2019 01:51
Operator : JU
Sample : K5854-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 22 07:23:09 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 Nov 22 07:12:34 2019
Response via : Initial Calibration

**Instrument :** BNA_N
**ClientSampleId :** C0AC4

**Manual Integrations APPROVED**
mohammad
11/22/2019 1:23:58 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.61 | 152 | 4350 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.37 | 136 | 15599 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.23 | 164 | 10857 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.97 | 188 | 19068 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.17 | 240 | 13062 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.34 | 264 | 15659 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.96 | 152 | 5486 | 0.21 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.01 | 212 | 14999 | 0.26 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.42 | 128 | 240254 | 5.109 | ng/ul | 98 |
| 5) 2-Methylnaphthalene | 12.03 | 142 | 239091 | 7.281 | ng/ul | 100 |
| 7) Acenaphthylene | 13.95 | 152 | 52104 | 0.868 | ng/ul# | 96 |
| 8) Acenaphthene | 14.29 | 153 | 75317 | 1.691 | ng/ul | 100 |
| 9) Fluorene | 15.29 | 166 | 97918 | 1.872 | ng/ul# | 96 |
| 11) Pentachlorophenol | 16.63 | 266 | 256 | 0.035 | ng/ul | 89 |
| 12) Phenanthrene | 17.02 | 178 | 1319137 | 20.513 | ng/ul | 98 |
| 13) Anthracene | 17.11 | 178 | 364262 | 5.995 | ng/ul | 99 |
| 15) Fluoranthene | 19.04 | 202 | 1775871 | 22.478 | ng/ul | 92 |
| 17) Pyrene | 19.40 | 202 | 1576716 | 30.088 | ng/ul | 95 |
| 18) Benzo(a)anthracene | 21.16 | 228 | 830712 | 15.814 | ng/ul | 97 |
| 19) Chrysene | 21.21 | 228 | 813716 | 15.772 | ng/ul | 96 |
| 21) Benzo(b)fluoranthene | 22.70 | 252 | 1072419m | 16.608 | ng/ul | JU 11/25/19 |
| 22) Benzo(k)fluoranthene | 22.74 | 252 | 363888m | 5.682 | ng/ul | |
| 23) Benzo(a)pyrene | 23.25 | 252 | 721059 | 11.897 | ng/ul | 95 |
| 24) Indeno(1,2,3-cd)pyrene | 25.49 | 276 | 497668 | 7.021 | ng/ul# | 95 |
| 25) Dibenzo(a,h)anthracene | 25.49 | 278 | 121982 | 2.131 | ng/ul# | 90 |
| 26) Benzo(g,h,i)perylene | 26.14 | 276 | 494403 | 8.338 | ng/ul | 98 |

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