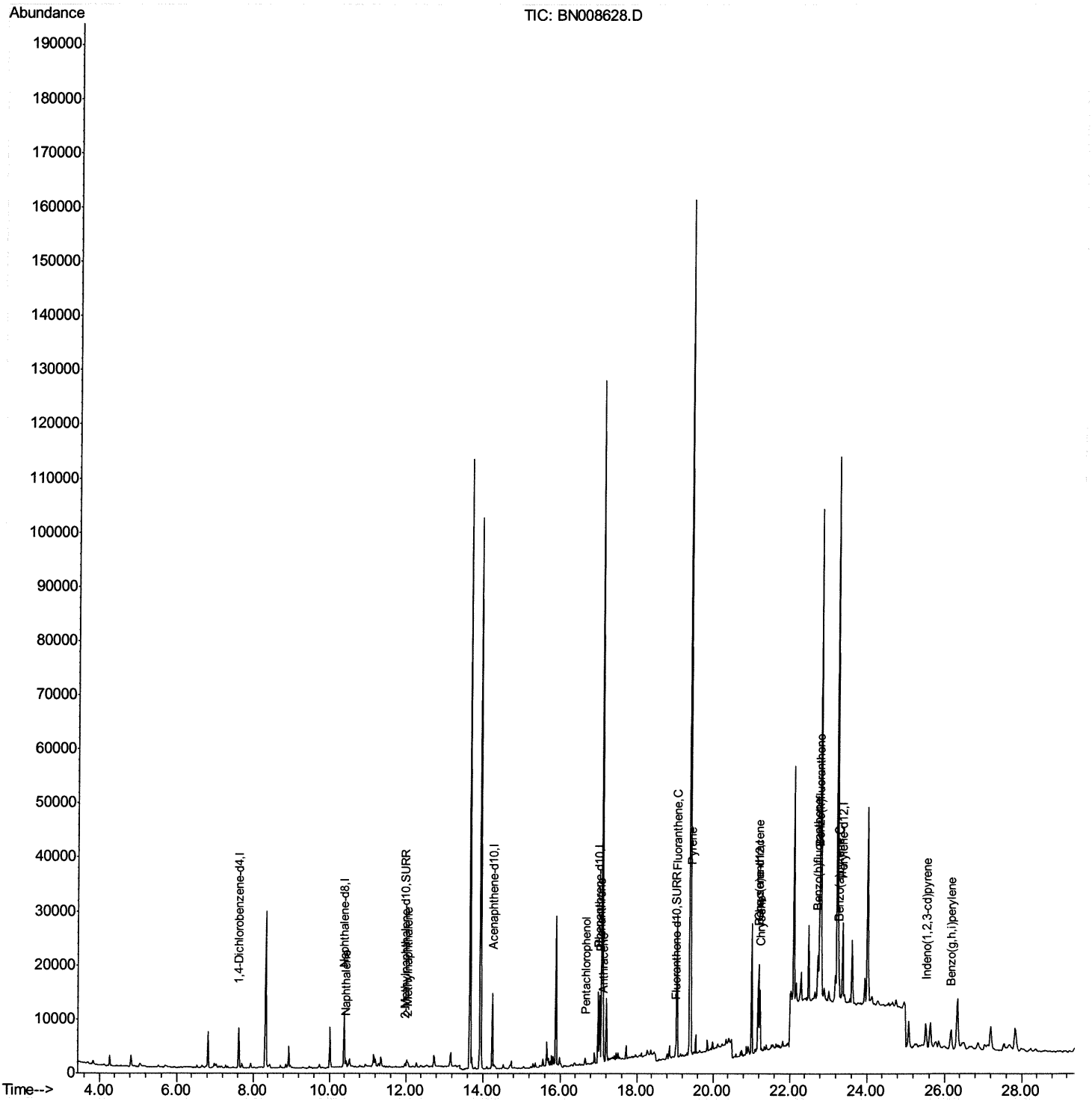
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111919\
Data File : BN008628.D
Acq On : 19 Nov 2019 13:49
Operator : JU
Sample : K5678-15DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 19 14:50:46 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

**Instrument :**
BNA_N
**ClientSampleId :**
JLMA0DL

**Manual Integrations APPROVED**
mohammad
11/21/2019 9:04:44 AM



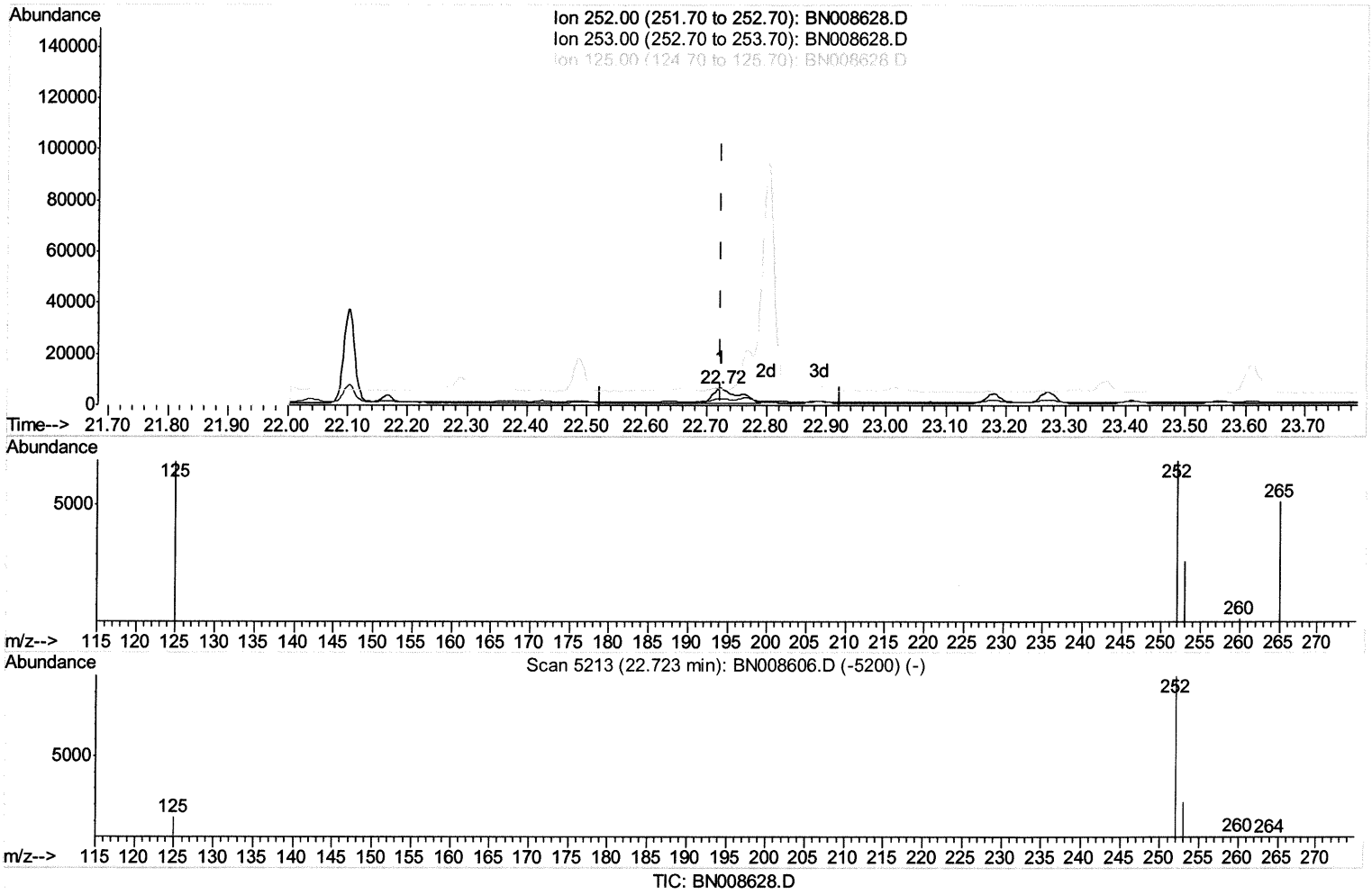
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111919\
Data File : BN008628.D
Acq On : 19 Nov 2019 13:49
Operator : JU
Sample : K5678-15DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 19 14:48:06 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

**Instrument :**
BNA_N
**ClientSampleId :**
JLMA0DL

**Manual Integrations APPROVED**
mohammad
11/21/2019 9:04:44 AM




TIC: BN008628.D

(21) Benzo(b)fluoranthene

22.723min (+0.000) 0.33ng/ul

response 16905

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 25.10 | 41.01 |
| 125.00 | 15.00 | 99.23# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111919\
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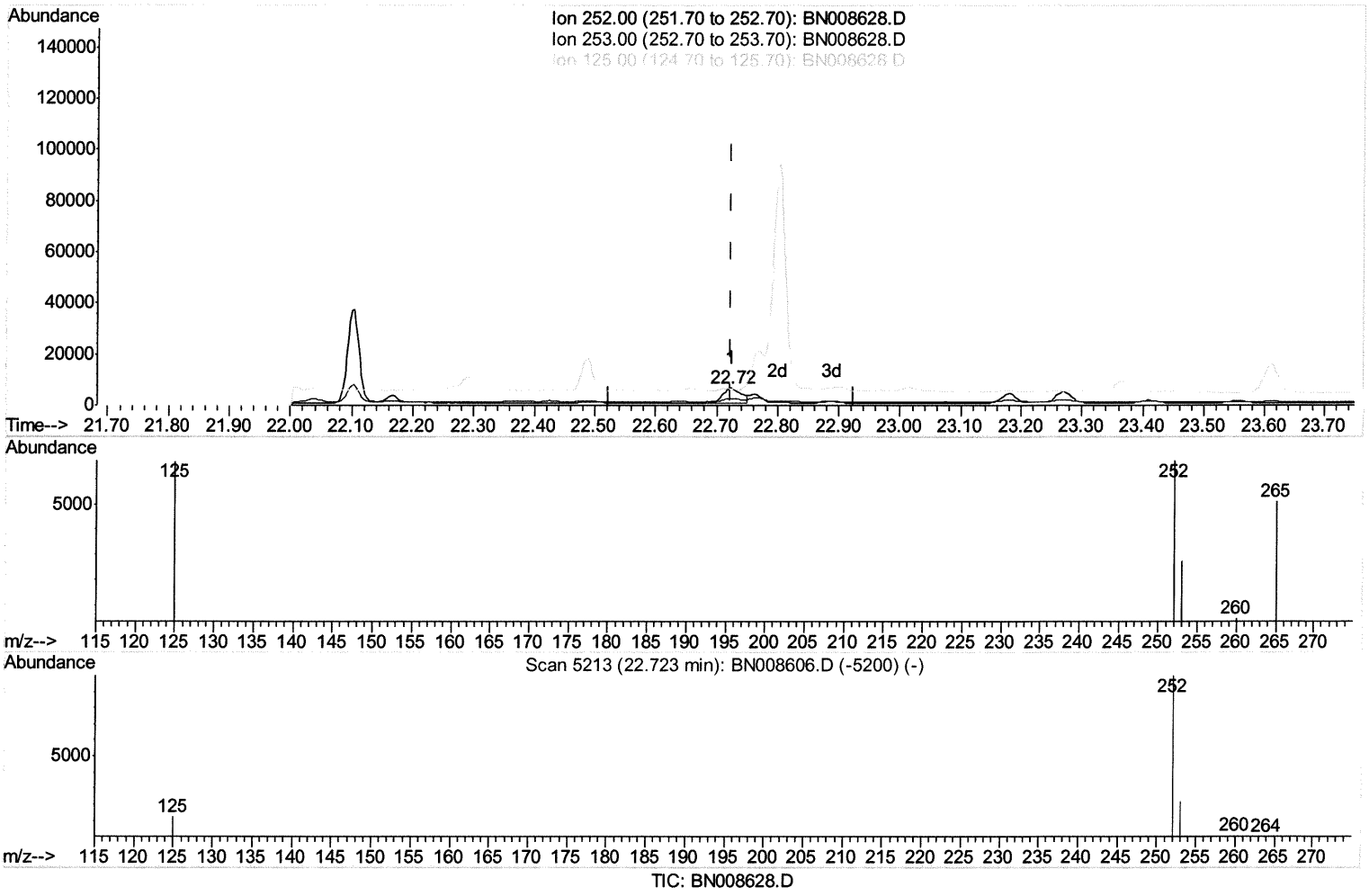
**Instrument :**
BNA_N
**ClientSampleId :**
JLMA0DL

**Manual Integrations APPROVED**
mohammad
11/21/2019 9:04:44 AM




TIC: BN008628.D

(21) Benzo(b)fluoranthene

22.723min (+0.000) 0.24ng/ul m

JU 11/21/19

response 12148

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 25.10 | 41.01 |
| 125.00 | 15.00 | 99.23# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111919\
Data File : BN008628.D
Acq On : 19 Nov 2019 13:49
Operator : JU
Sample : K5678-15DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 19 14:48:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
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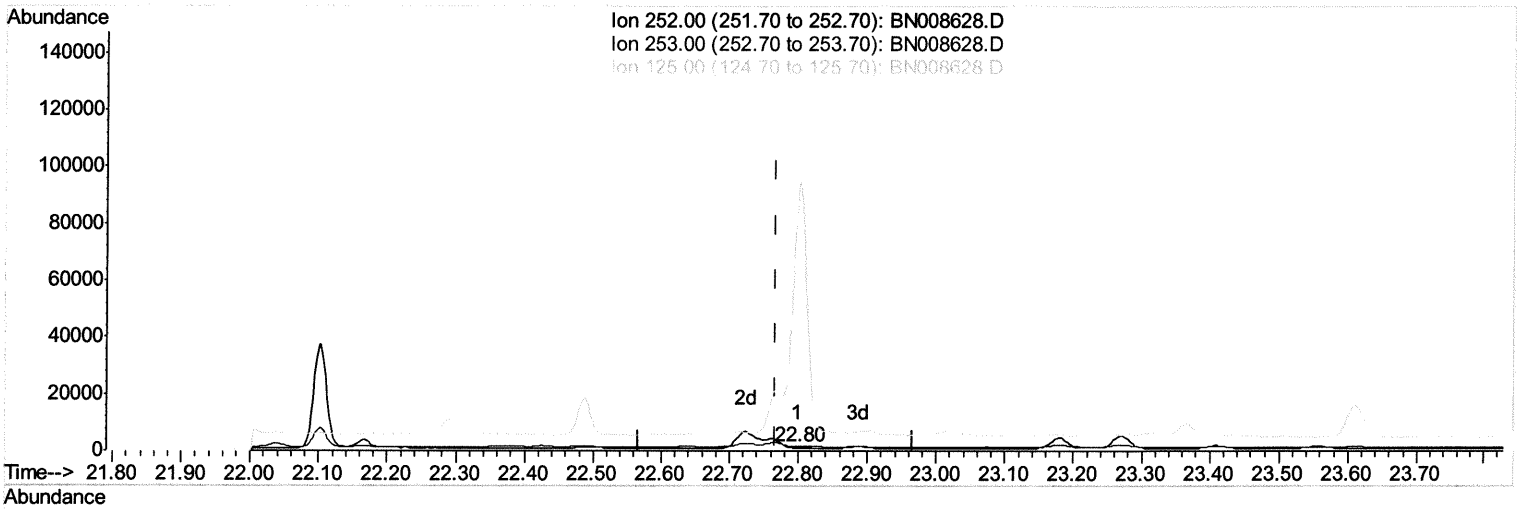
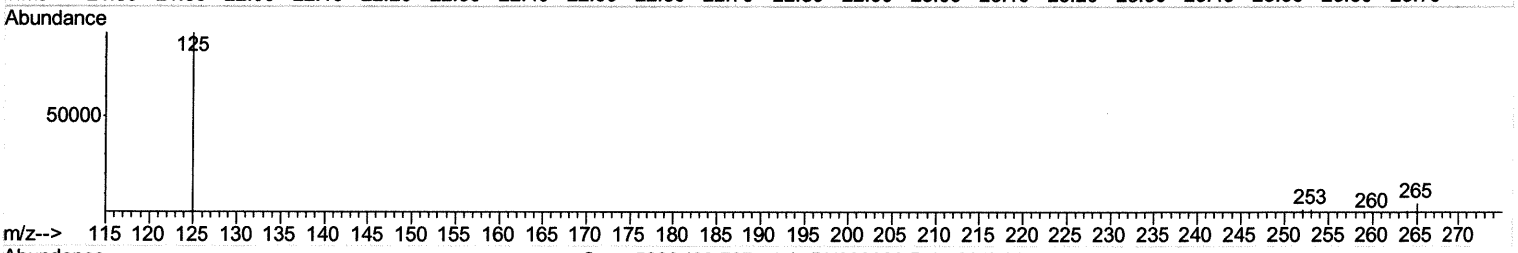
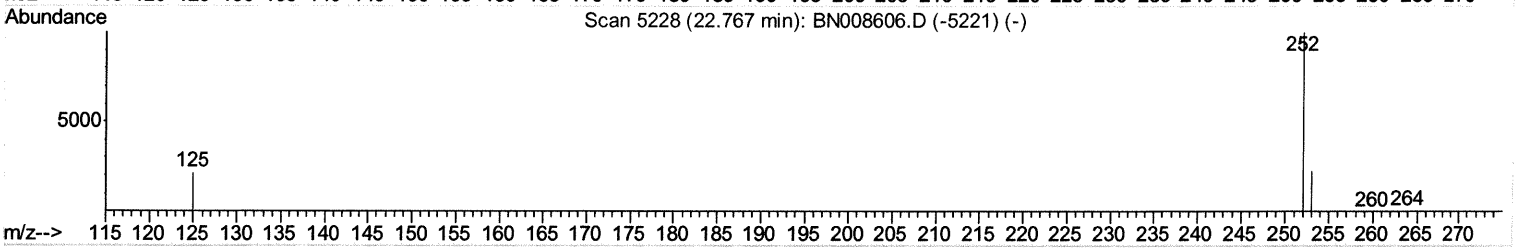
**Instrument :**
BNA_N
**ClientSampleId :**
JLMA0DL

**Manual Integrations APPROVED**
mohammad
11/21/2019 9:04:44 AM




TIC: BN008628.D

(22) Benzo(k)fluoranthene

22.799min (+0.032) 0.01ng/ul

response 675

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 25.60 | 116.63# |
| 125.00 | 18.70 | 6093.89# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111919\
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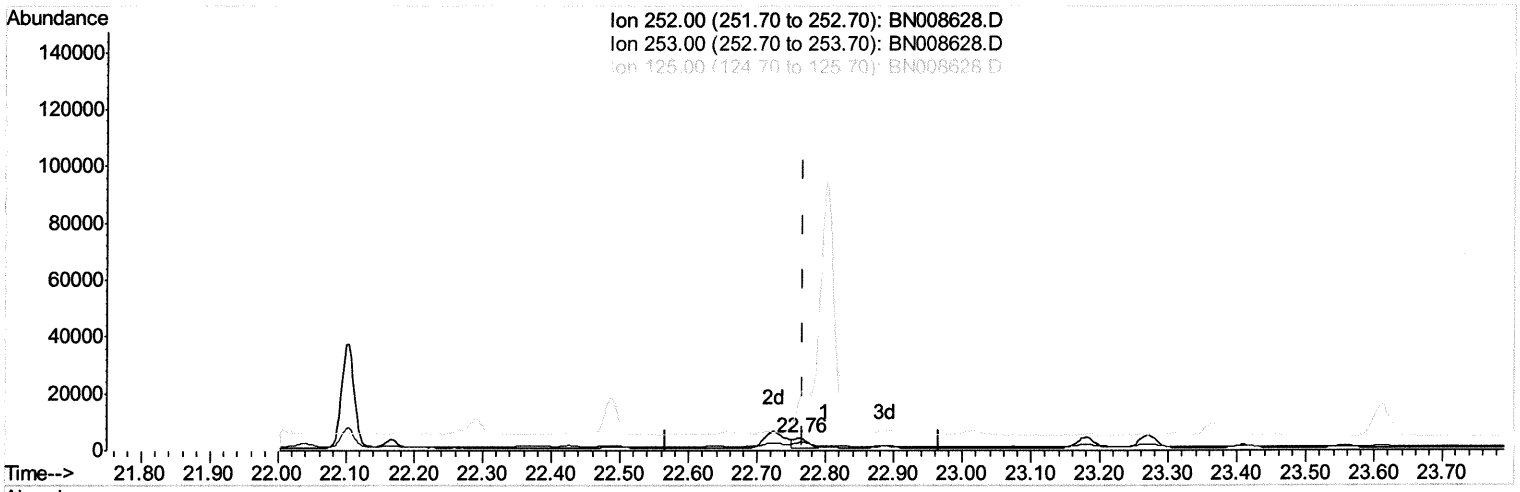
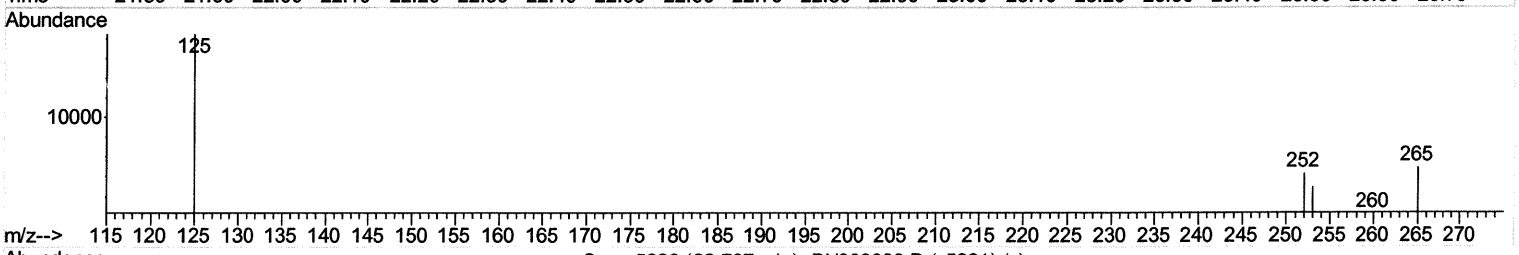
Acq On : 19 Nov 2019 13:49
Operator : JU
Sample : K5678-15DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

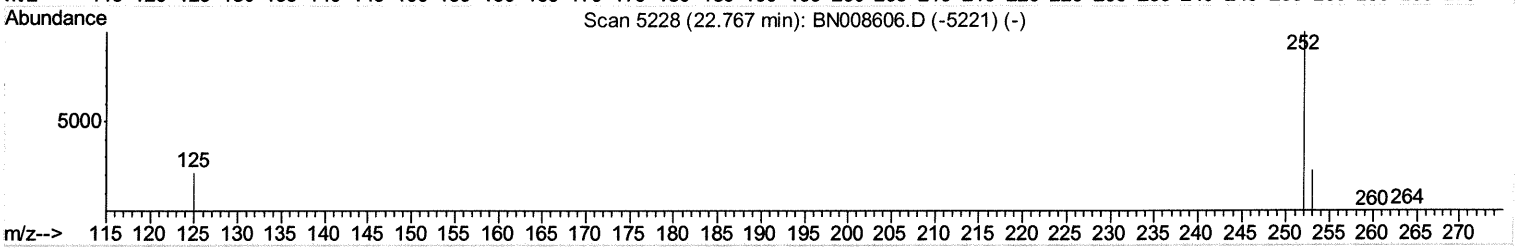
Quant Time: Nov 19 14:48:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 01:47:58 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
JLMA0DL

**Manual Integrations APPROVED**
mohammad
11/21/2019 9:04:44 AM




TIC: BN008628.D

(22) Benzo(k)fluoranthene

22.761min (-0.006) 0.10ng/ul m

JU 11/21/19

response 5052

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 25.60 | 68.43# |
| 125.00 | 18.70 | 423.11# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Response via : Initial Calibration

**Instrument :** BNA_N
**ClientSampleId :** JLMA0DL

**Manual Integrations APPROVED**
mohammad
11/21/2019 9:04:44 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.63 | 152 | 3515 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.39 | 136 | 12942 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.25 | 164 | 7436 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.99 | 188 | 15075 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.19 | 240 | 11912 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.36 | 264 | 12379 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.98 | 152 | 878 | 0.04 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.02 | 212 | 1989 | 0.04 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.43 | 128 | 1624 | 0.042 | ng/ul# | 86 |
| 5) 2-Methylnaphthalene | 12.06 | 142 | 774 | 0.028 | ng/ul | 100 |
| 11) Pentachlorophenol | 16.65 | 266 | 856 | 0.150 | ng/ul | 92 |
| 12) Phenanthrene | 17.03 | 178 | 12807 | 0.252 | ng/ul# | 96 |
| 13) Anthracene | 17.12 | 178 | 1280 | 0.027 | ng/ul# | 53 |
| 15) Fluoranthene | 19.06 | 202 | 22792 | 0.365 | ng/ul | 98 |
| 17) Pyrene | 19.42 | 202 | 22523 | 0.471 | ng/ul | 99 |
| 18) Benzo(a)anthracene | 21.17 | 228 | 7851 | 0.164 | ng/ul# | 84 |
| 19) Chrysene | 21.22 | 228 | 10580 | 0.225 | ng/ul# | 88 |
| 21) Benzo(b)fluoranthene | 22.72 | 252 | 12148m | 0.238 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.76 | 252 | 5052m | 0.100 | ng/ul | |
| 23) Benzo(a)pyrene | 23.27 | 252 | 7839 | 0.164 | ng/ul# | 4 |
| 24) Indeno(1,2,3-cd)pyrene | 25.51 | 276 | 5883 | 0.105 | ng/ul# | 96 |
| 26) Benzo(g,h,i)perylene | 26.17 | 276 | 6219 | 0.133 | ng/ul# | 47 |

JU 11/21/19

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