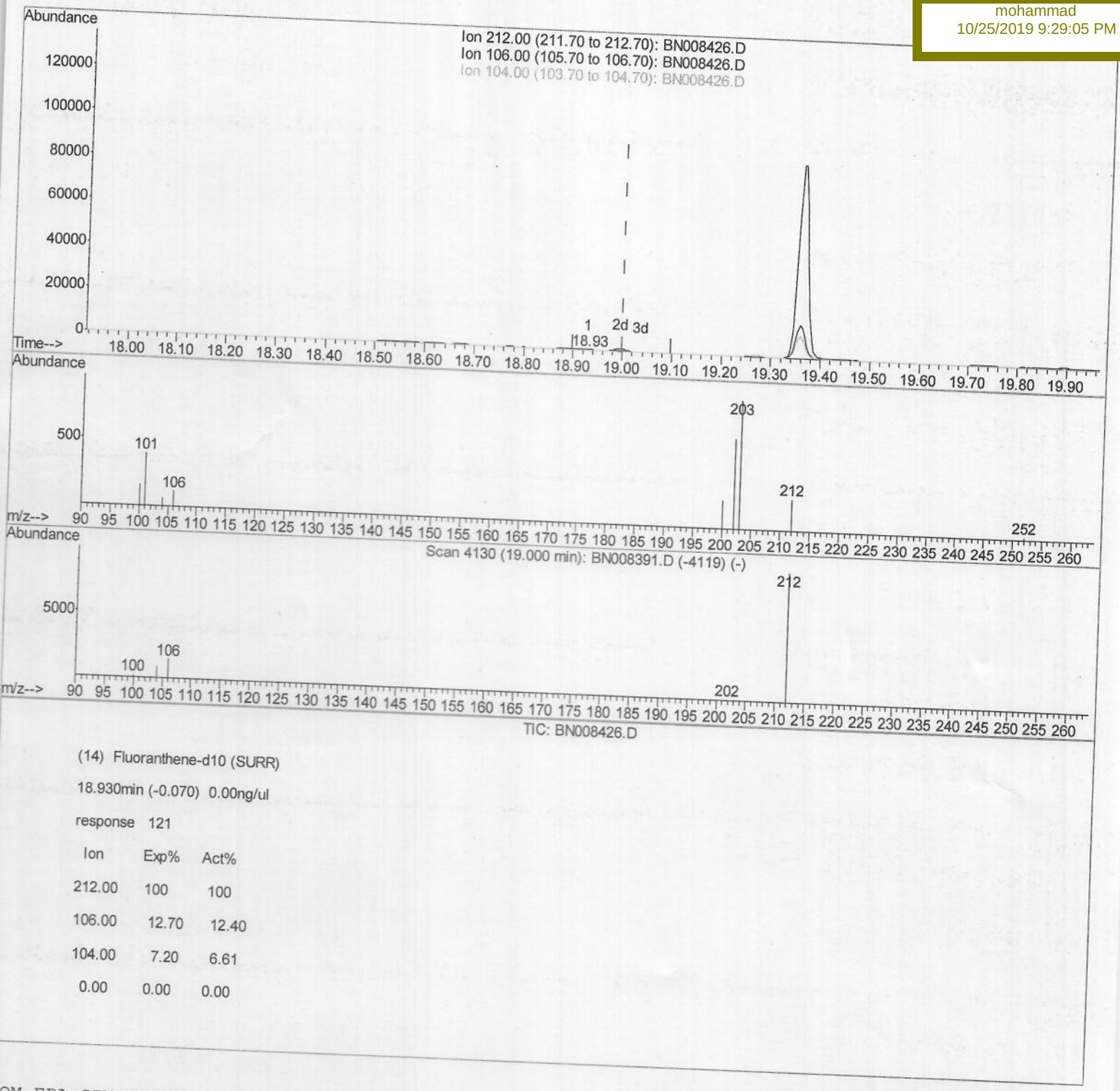
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
Data File : BN008426.D
Acq On : 25 Oct 2019 14:39
Operator : JU
Sample : K5236-17DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Oct 25 15:18:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 25 13:14:06 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BEPN0DL

**Manual Integrations APPROVED**
mohammad
10/25/2019 9:29:05 PM




(14) Fluoranthene-d10 (SURR)

18.930min (-0.070) 0.00ng/ul

response 121

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100 | 100 |
| 106.00 | 12.70 | 12.40 |
| 104.00 | 7.20 | 6.61 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**Instrument :**
BNA_N
**ClientSampleId :**
BEPN0DL

**Manual Integrations APPROVED**
mohammad
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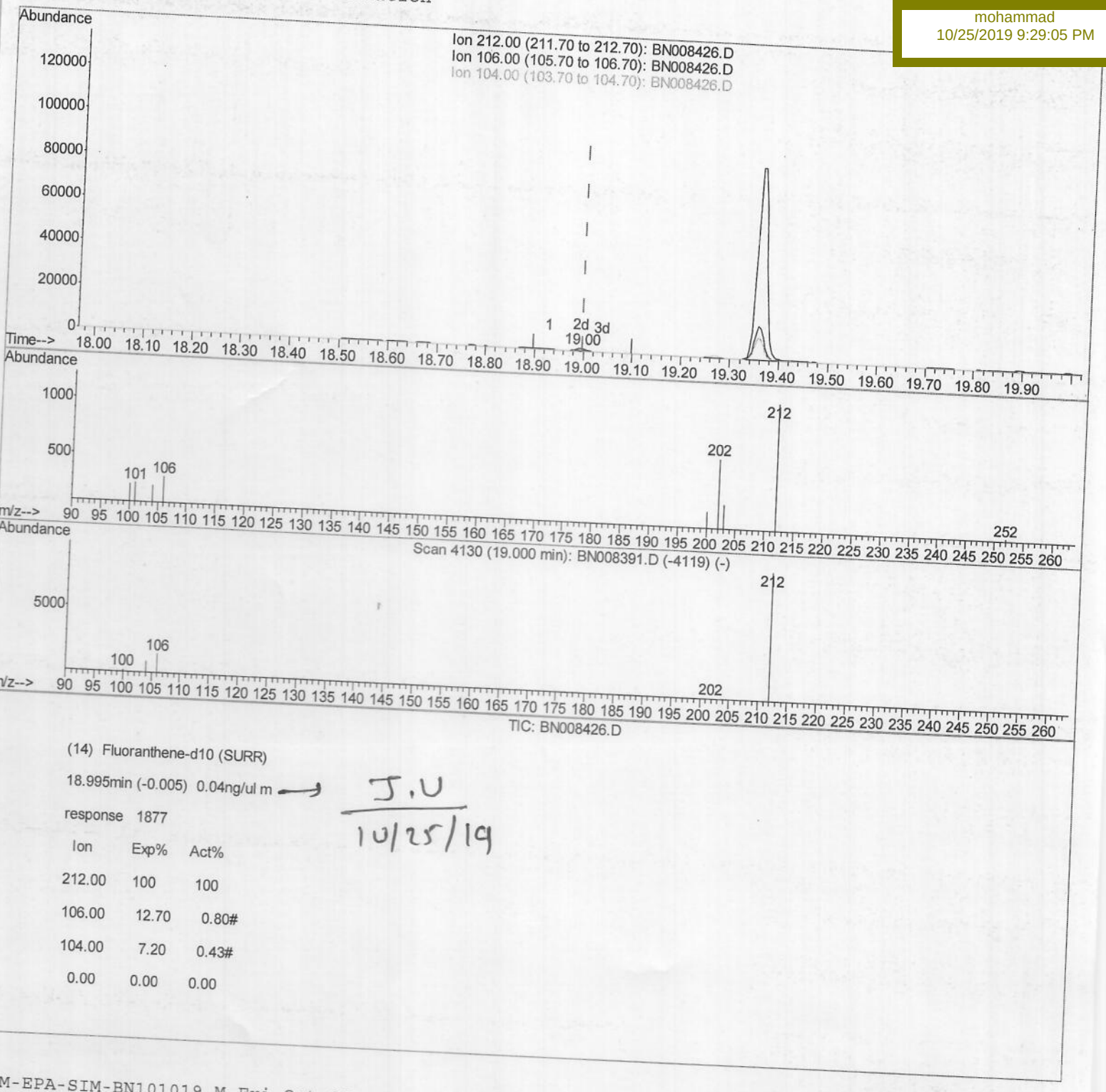


(14) Fluoranthene-d10 (SURR)

18.995min (-0.005) 0.04ng/ul m → J, U 10/25/19

response 1877

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100 | 100 |
| 106.00 | 12.70 | 0.80# |
| 104.00 | 7.20 | 0.43# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
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Acq On : 25 Oct 2019 14:39
Operator : JU
Sample : K5236-17DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Oct 25 15:18:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 25 13:14:06 2019
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**Instrument :**
BNA_N
**ClientSampleId :**
BEPN0DL

**Manual Integrations APPROVED**
mohammad
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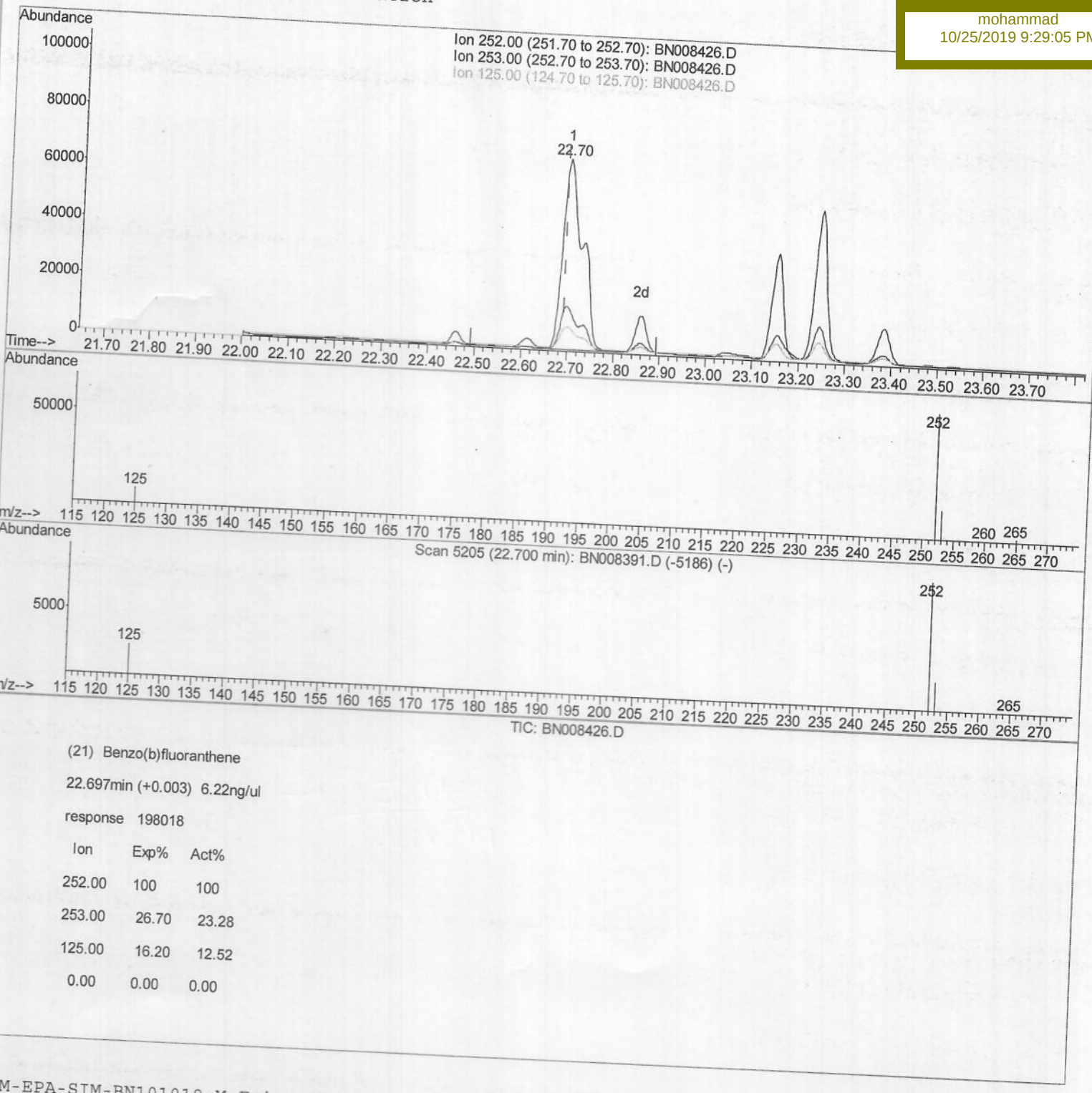


(21) Benzo(b)fluoranthene

22.697min (+0.003) 6.22ng/ul

response 198018

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.70 | 23.28 |
| 125.00 | 16.20 | 12.52 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
Data File : BN008426.D
Acq On : 25 Oct 2019 14:39
Operator : JU
Sample : K5236-17DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

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QLast Update : Fri Oct 25 13:14:06 2019
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**Instrument :**
BNA_N
**ClientSampleId :**
BEPN0DL

**Manual Integrations APPROVED**
mohammad
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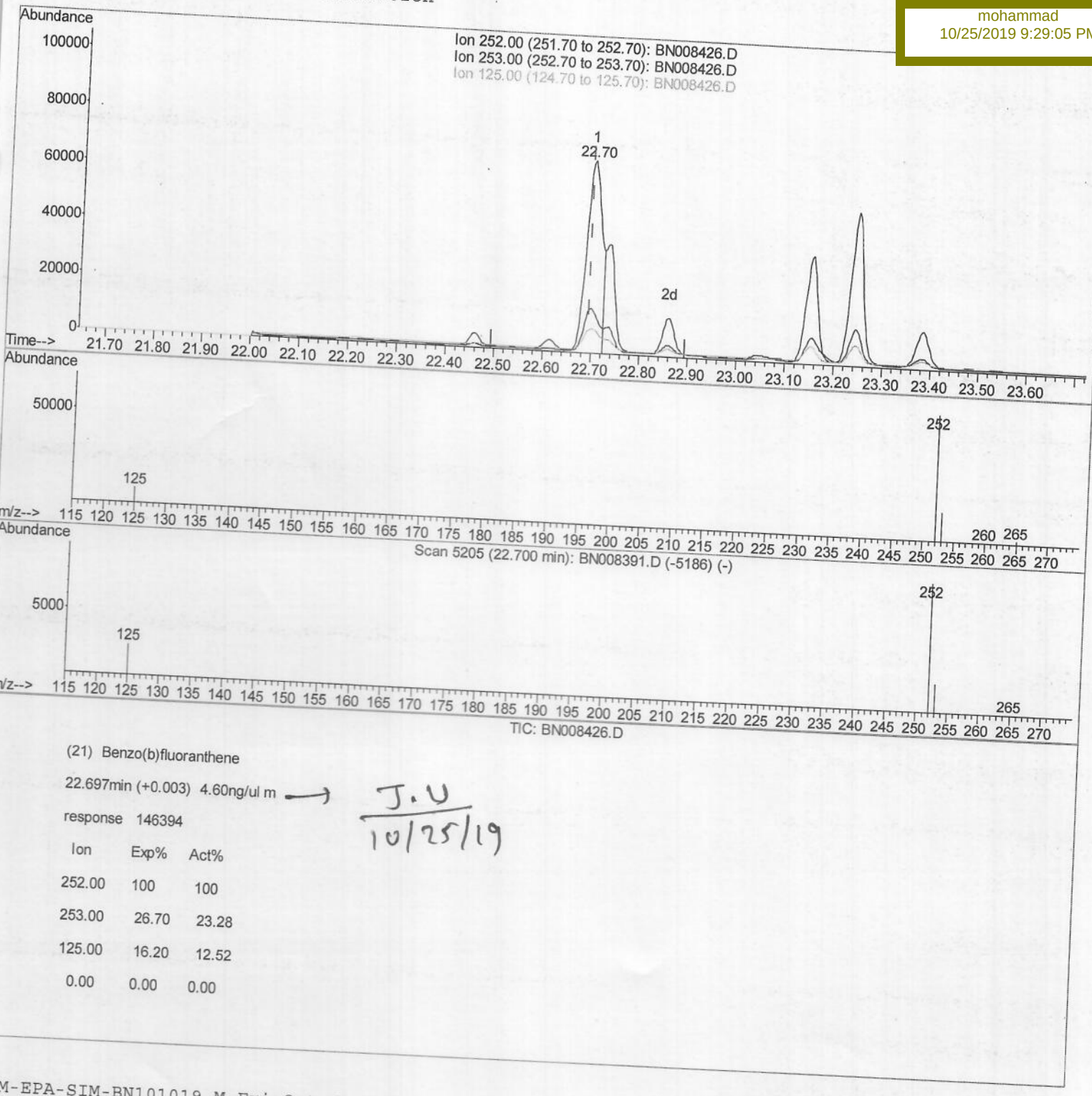


(21) Benzo(b)fluoranthene

22.697min (+0.003) 4.60ng/ul m

response 146394

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.70 | 23.28 |
| 125.00 | 16.20 | 12.52 |
| 0.00 | 0.00 | 0.00 |

J.U
10/25/19

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
Data File : BN008426.D
Acq On : 25 Oct 2019 14:39
Operator : JU
Sample : K5236-17DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Oct 25 15:18:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 25 13:14:06 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BEPN0DL

**Manual Integrations APPROVED**
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TIC: BN008426.D

(22) Benzo(k)fluoranthene

22.697min (-0.041) 5.49ng/ul

response 198018

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.60 | 23.28 |
| 125.00 | 15.40 | 12.52 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
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Acq On : 25 Oct 2019 14:39
Operator : JU
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Misc :
ALS Vial : 48 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 25 13:14:06 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BEPN0DL

**Manual Integrations APPROVED**
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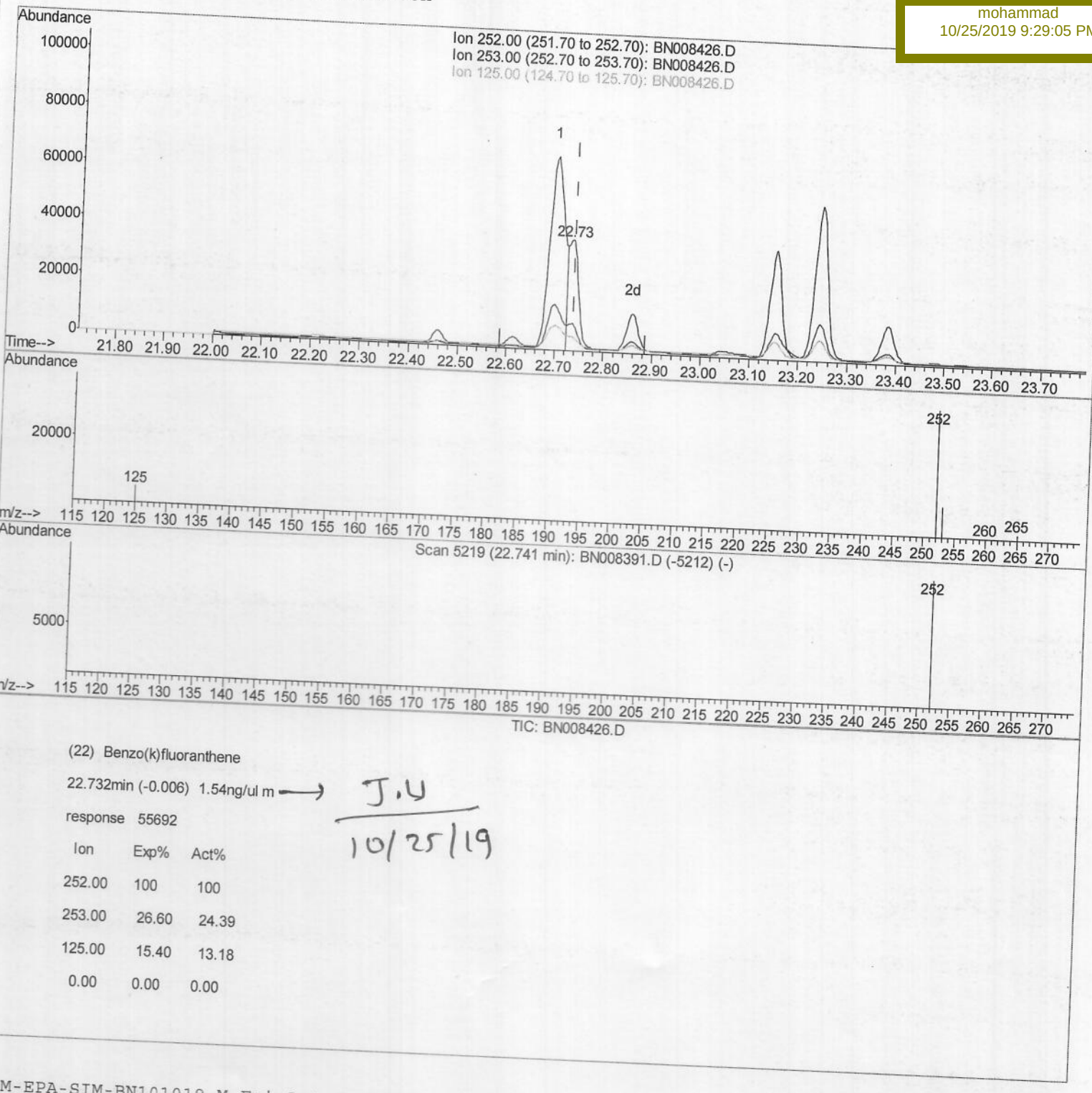


(22) Benzo(k)fluoranthene

22.732min (-0.006) 1.54ng/ul m → J.U 10/25/19

response 55692

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.60 | 24.39 |
| 125.00 | 15.40 | 13.18 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
Data File : BN008426.D
Acq On : 25 Oct 2019 14:39
Operator : JU
Sample : K5236-17DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Oct 25 15:20:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 25 13:14:06 2019
Response via : Initial Calibration

**Instrument :** BNA_N
**ClientSampleId :** BEPN0DL

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 1771 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.33 | 136 | 9065 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.21 | 164 | 6126 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.96 | 188 | 13405 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.17 | 240 | 11384 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.34 | 264 | 9778 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.94 | 152 | 461 | 0.03 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.00 | 212 | 1877m → | 0.04 | ng/ul | 0.00 → J.U 10/25/19 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.38 | 128 | 1801 | 0.070 | ng/ul# | 89 |
| 5) 2-Methylnaphthalene | 12.02 | 142 | 1476 | 0.083 | ng/ul | 99 |
| 7) Acenaphthylene | 13.93 | 152 | 13049 | 0.447 | ng/ul | 99 |
| 8) Acenaphthene | 14.27 | 153 | 4231 | 0.186 | ng/ul | 98 |
| 9) Fluorene | 15.26 | 166 | 9707 | 0.377 | ng/ul | 98 |
| 12) Phenanthrene | 17.00 | 178 | 176890 | 4.507 | ng/ul | 99 |
| 13) Anthracene | 17.09 | 178 | 31842 | 0.922 | ng/ul | 99 |
| 15) Fluoranthene | 19.03 | 202 | 338888 | 6.538 | ng/ul | 100 |
| 17) Pyrene | 19.39 | 202 | 264987 | 5.846 | ng/ul | 99 |
| 18) Benzo(a)anthracene | 21.15 | 228 | 137154 | 3.314 | ng/ul | 98 |
| 19) Chrysene | 21.20 | 228 | 132073 | 2.600 | ng/ul | 98 |
| 21) Benzo(b)fluoranthene | 22.70 | 252 | 146394m → | 4.599 | ng/ul | } J.U 10/25/19 |
| 22) Benzo(k)fluoranthene | 22.73 | 252 | 55692m → | 1.545 | ng/ul | |
| 23) Benzo(a)pyrene | 23.24 | 252 | 95602 | 2.854 | ng/ul# | 86 |
| 24) Indeno(1,2,3-cd)pyrene | 25.48 | 276 | 56929 | 1.443 | ng/ul | 100 |
| 25) Dibenzo(a,h)anthracene | 25.49 | 278 | 14396 | 0.462 | ng/ul | 93 |
| 26) Benzo(g,h,i)perylene | 26.14 | 276 | 51629 | 1.427 | ng/ul | 98 |

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

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**Manual Integrations APPROVED**
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10/25/2019 9:29:05 PM