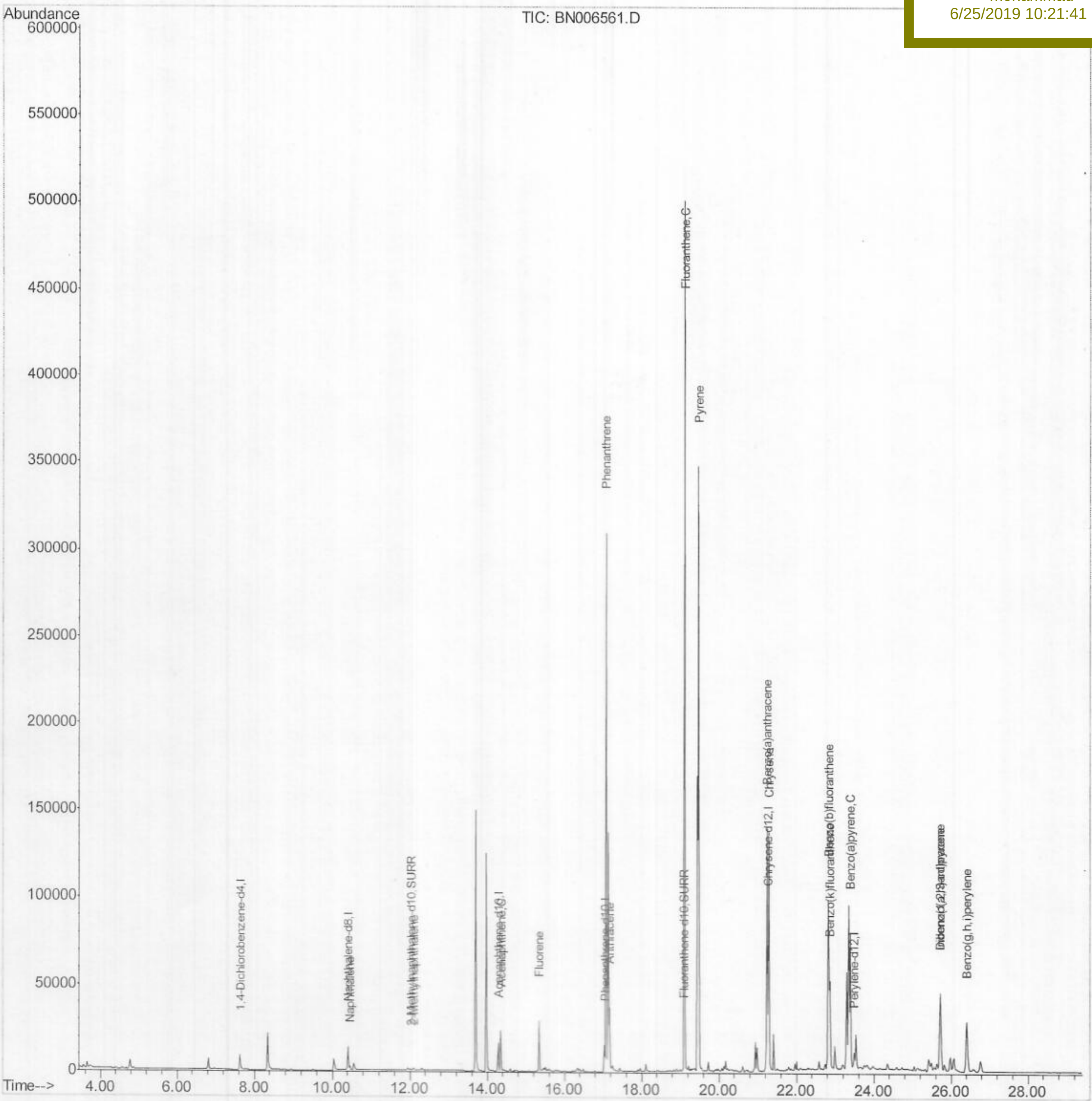
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\
Data File : BN006561.D
Acq On : 25 Jun 2019 08:43
Operator : HP/JU
Sample : K3360-14DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Jun 25 11:48:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
A41T6DL

**Manual Integrations APPROVED**
mohammad
6/25/2019 10:21:41 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\
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Acq On : 25 Jun 2019 08:43
Operator : HP/JU
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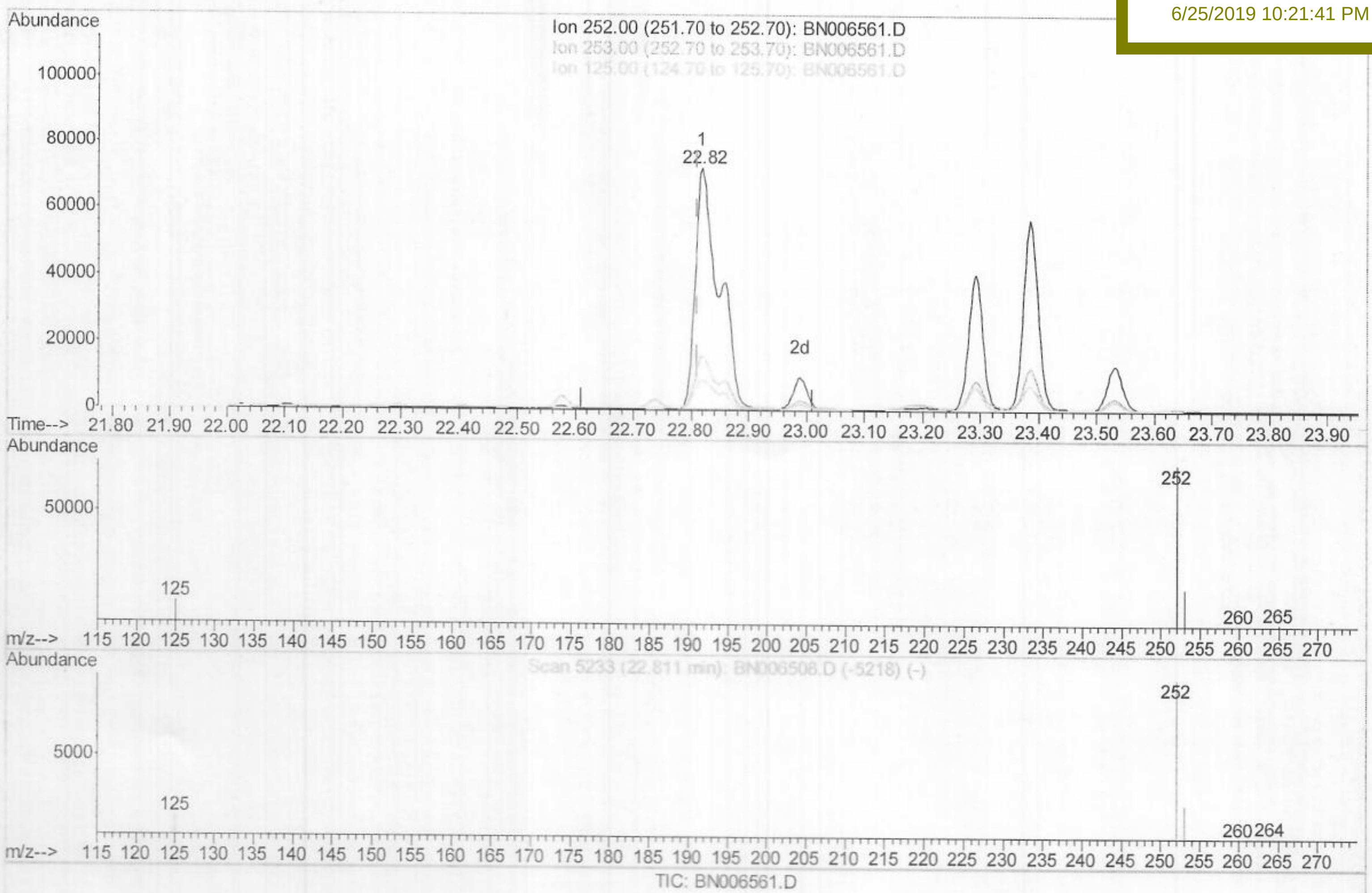
6/25/2019 10:21:41 PM




TIC: BN006561.D

(21) Benzo(b)fluoranthene

22.819min (+0.008) 3.64ng/ul

response 207729

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 25.70 | 22.82 |
| 125.00 | 20.50 | 12.96 |
| 0.00 | 0.00 | 0.00 |

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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\
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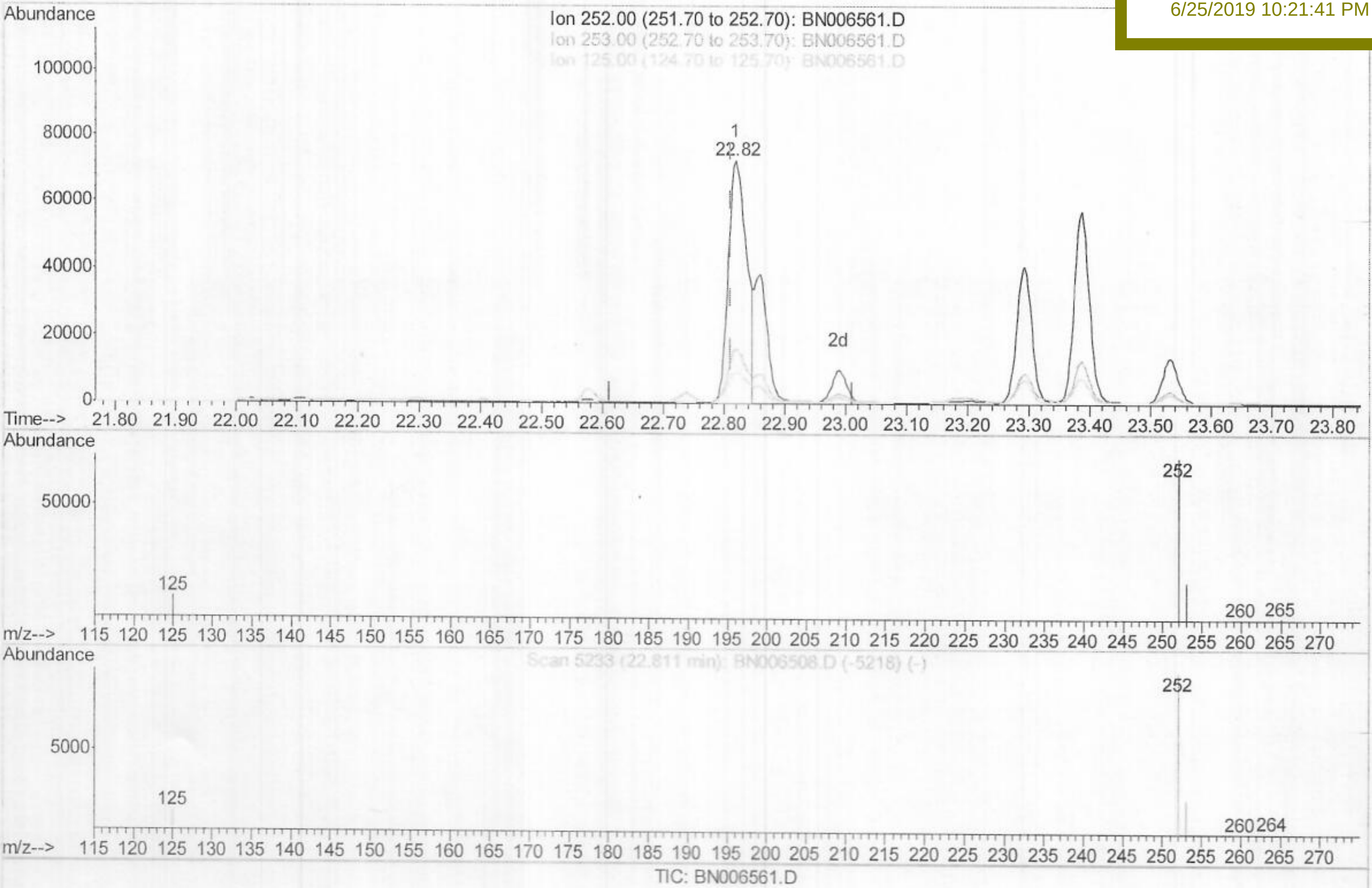
**Manual Integrations APPROVED**
mohammad
6/25/2019 10:21:41 PM




TIC: BN006561.D

(21) Benzo(b)fluoranthene

22.819min (+0.008) 2.62ng/ul m > JU 06/26/19

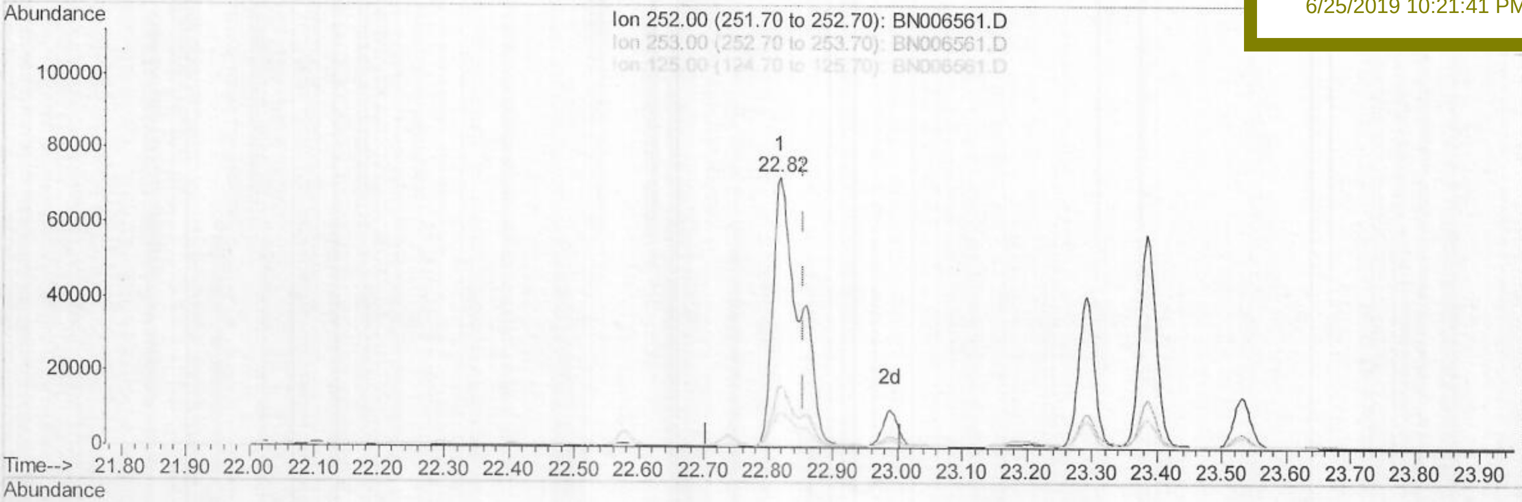
response 149352

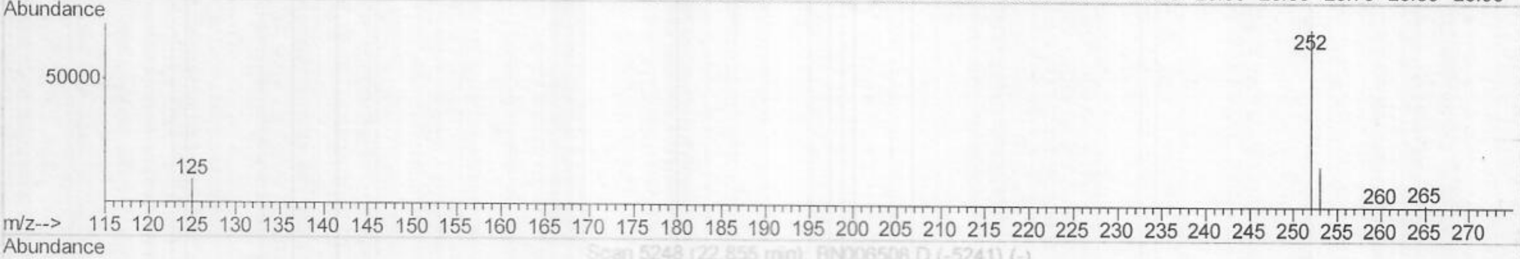
| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 25.70 | 22.82 |
| 125.00 | 20.50 | 12.96 |
| 0.00 | 0.00 | 0.00 |

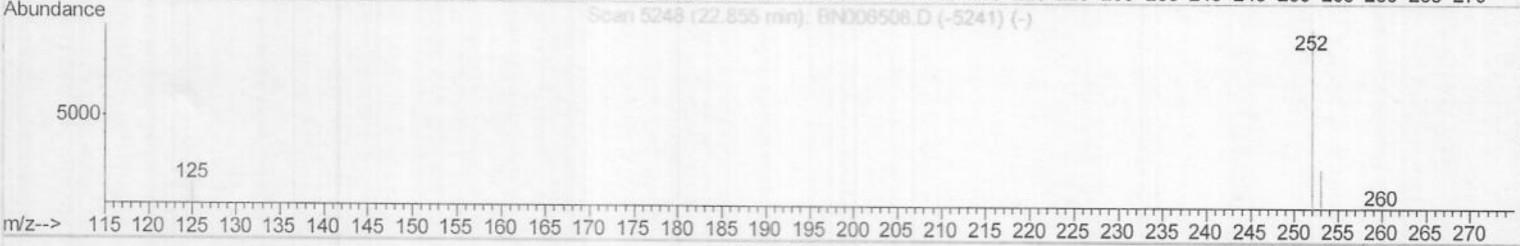
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\
Data File : BN006561.D
Acq On    : 25 Jun 2019   08:43
Operator  : HP/JU
Sample    : K3360-14DL 5X
Misc      :
ALS Vial  : 38   Sample Multiplier: 1

Quant Time: Jun 25 11:41:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration
```

**Instrument :**
BNA_N
**ClientSampleId :**
A41T6DL

**Manual Integrations APPROVED**
mohammad
6/25/2019 10:21:41 PM




TIC: BN006561.D

(22) Benzo(k)fluoranthene

22.819min (-0.036) 3.74ng/ul

response 207729

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 25.40 | 22.82 |
| 125.00 | 17.90 | 12.96# |
| 0.00 | 0.00 | 0.00 |

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\
Data File : BN006561.D
Acq On    : 25 Jun 2019  08:43
Operator  : HP/JU
Sample    : K3360-14DL 5X
Misc      :
ALS Vial  : 38   Sample Multiplier: 1

Quant Time: Jun 25 11:41:54 2019
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Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration
```
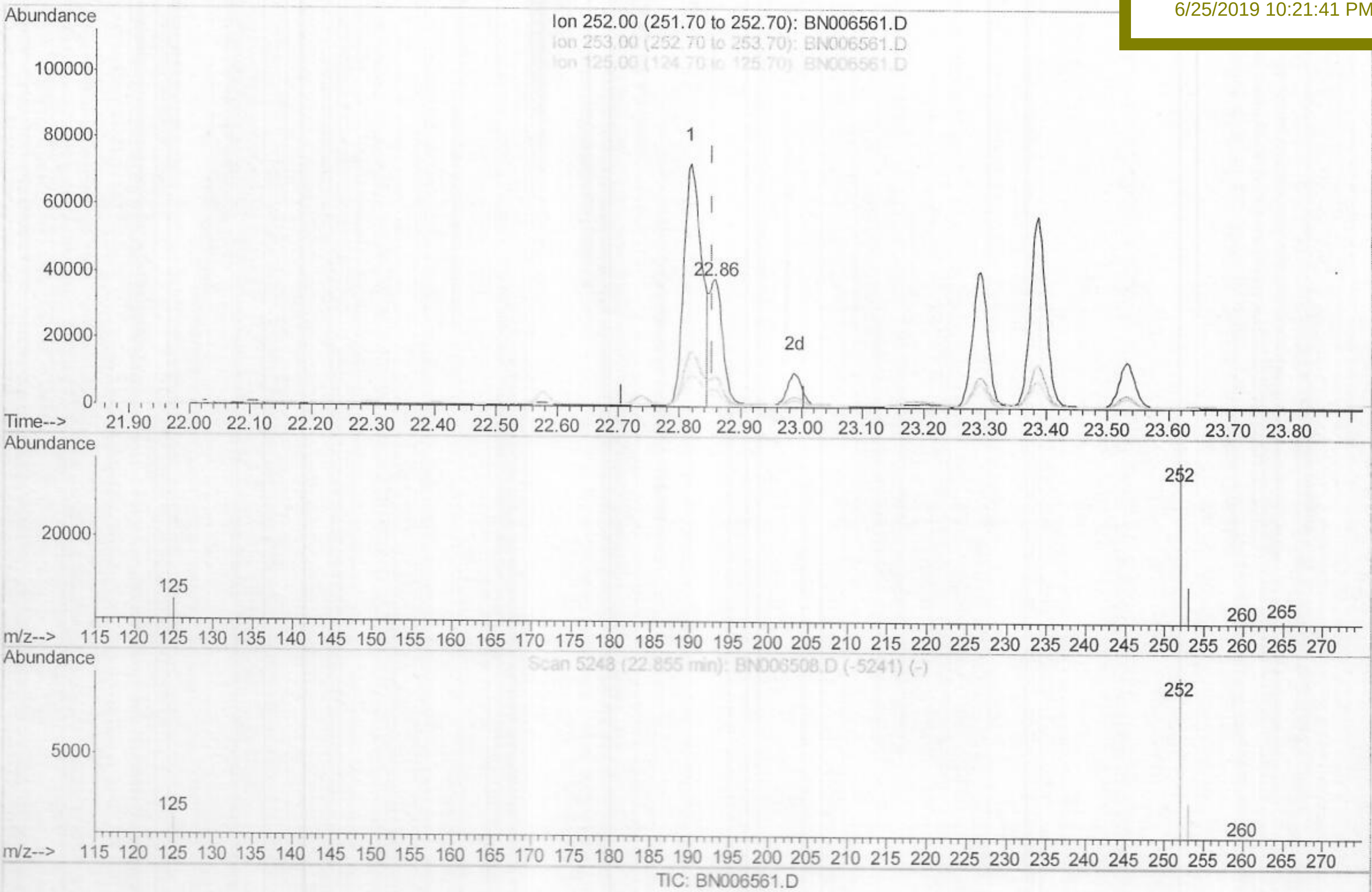

**Instrument :**
BNA_N
**ClientSampleId :**
A41T6DL

**Manual Integrations APPROVED**
mohammad
6/25/2019 10:21:41 PM




(22) Benzo(k)fluoranthene

22.857min (+0.002) 1.10ng/ul m > JU 06/26/19

response 61101

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 25.40 | 23.71 |
| 125.00 | 17.90 | 13.51# |
| 0.00 | 0.00 | 0.00 |

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**ClientSampleId :** A41T6DL

**Manual Integrations APPROVED**
mohammad
6/25/2019 10:21:41 PM

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.63 | 152 | 5458 | 0.40 ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.41 | 136 | 19874 | 0.40 ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.28 | 164 | 9477 | 0.40 ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.04 | 188 | 17265 | 0.40 ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.26 | 240 | 10354 | 0.40 ng/ul | 0.00 |
| 20) Perylene-d12 | 23.49 | 264 | 13679 | 0.40 ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.01 | 152 | 946 | 0.03 ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.08 | 212 | 1585 | 0.03 ng/ul | 0.00 |
| **Target Compounds** | | | | | Qvalue |
| 3) Naphthalene | 10.46 | 128 | 2638 | 0.048 ng/ul# | 91 |
| 5) 2-Methylnaphthalene | 12.08 | 142 | 1305 | 0.034 ng/ul | 100 |
| 8) Acenaphthene | 14.34 | 153 | 13305 | 0.364 ng/ul | 99 |
| 9) Fluorene | 15.34 | 166 | 18795 | 0.440 ng/ul | 98 |
| 12) Phenanthrene | 17.08 | 178 | 317589 | 5.730 ng/ul | 99 |
| 13) Anthracene | 17.17 | 178 | 37398 | 0.707 ng/ul | 99 |
| 15) Fluoranthene | 19.11 | 202 | 404098 | 6.603 ng/ul | 100 |
| 17) Pyrene | 19.48 | 202 | 296253 | 5.432 ng/ul | 97 |
| 18) Benzo(a)anthracene | 21.24 | 228 | 119273 | 2.605 ng/ul | 99 |
| 19) Chrysene | 21.29 | 228 | 134228 | 3.122 ng/ul | 99 |
| 21) Benzo(b)fluoranthene | 22.82 | 252 | 149352m | 2.618 ng/ul | |
| 22) Benzo(k)fluoranthene | 22.86 | 252 | 61101m | 1.100 ng/ul | |
| 23) Benzo(a)pyrene | 23.39 | 252 | 100033 | 1.883 ng/ul# | 85 |
| 24) Indeno(1,2,3-cd)pyrene | 25.72 | 276 | 67180 | 1.168 ng/ul# | 89 |
| 25) Dibenzo(a,h)anthracene | 25.72 | 278 | 17089 | 0.372 ng/ul | 99 |
| 26) Benzo(g,h,i)perylene | 26.41 | 276 | 58578 | 1.216 ng/ul | 95 |

JU 06/26/19

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