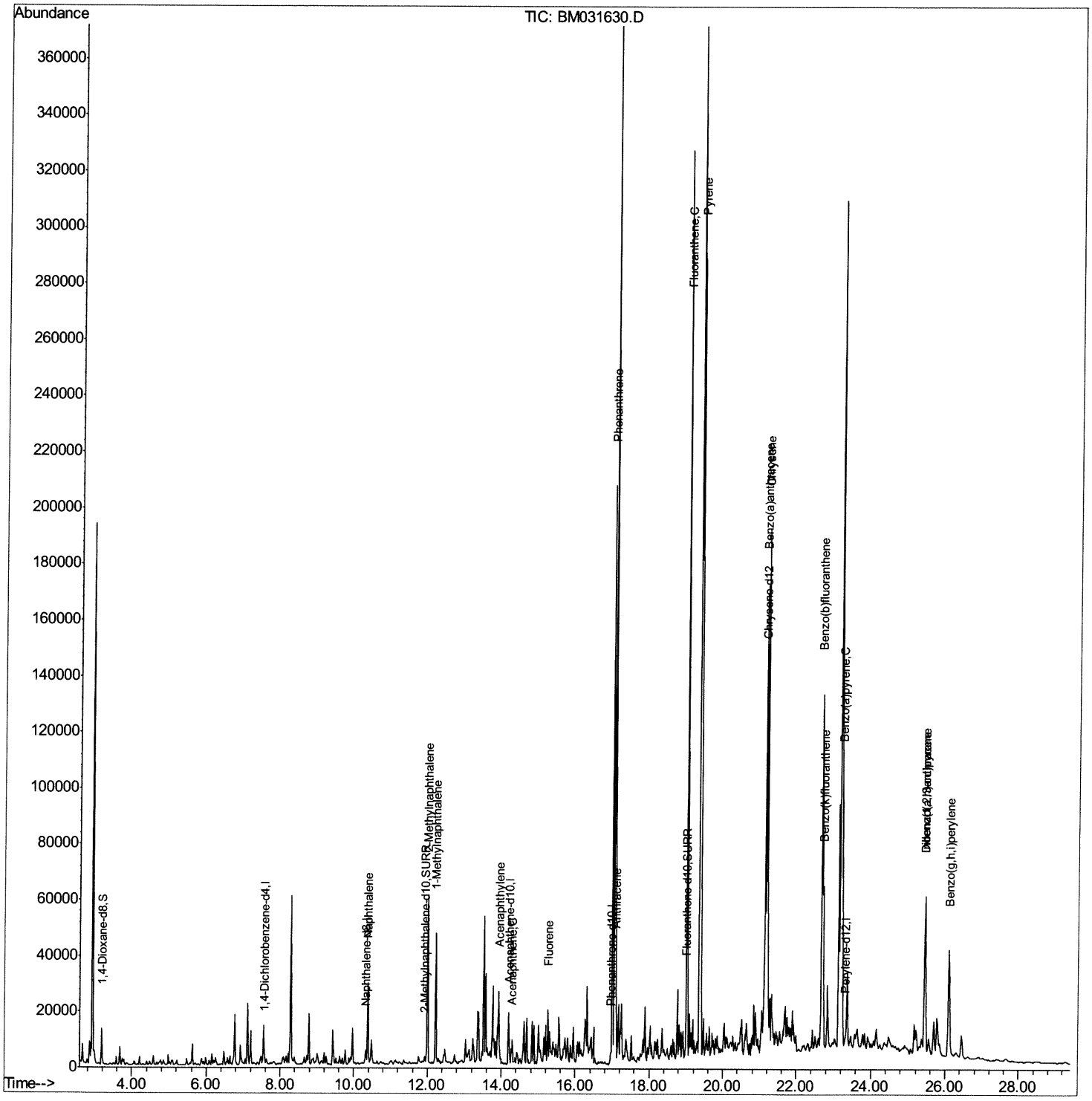
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031630.D
Acq On : 10 Aug 2021 08:07
Operator : CG/JU
Sample : M3169-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 10 09:24:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00A7

**Manual Integrations APPROVED**
mohammad
8/10/2021 4:37:13 PM



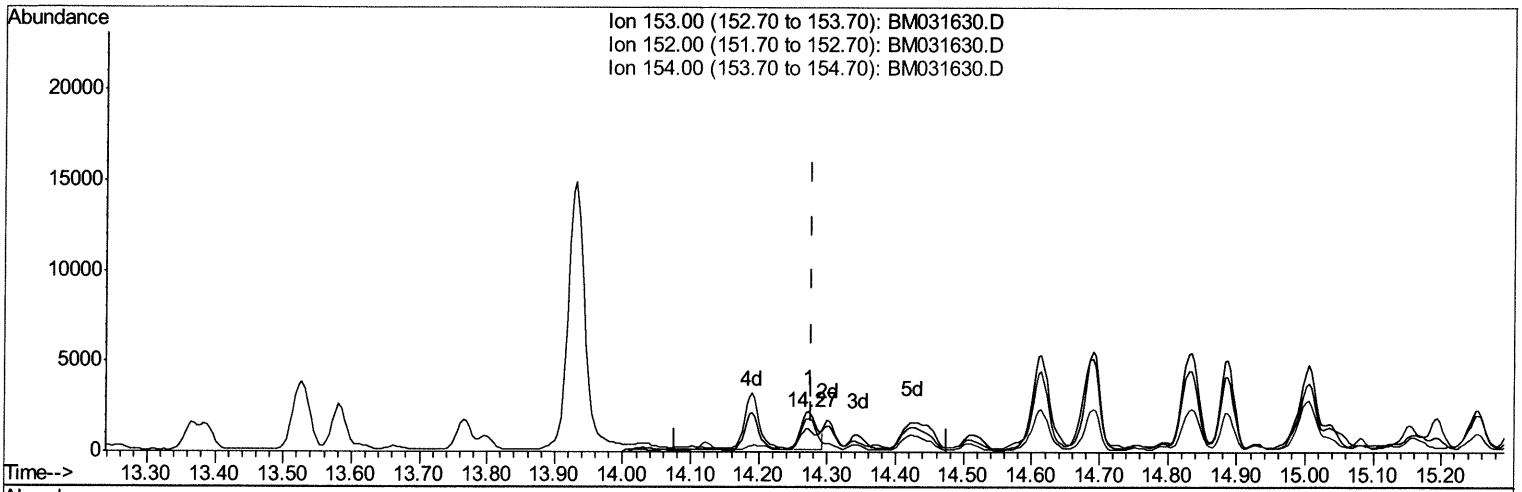
Quantitation Report (Qedit)

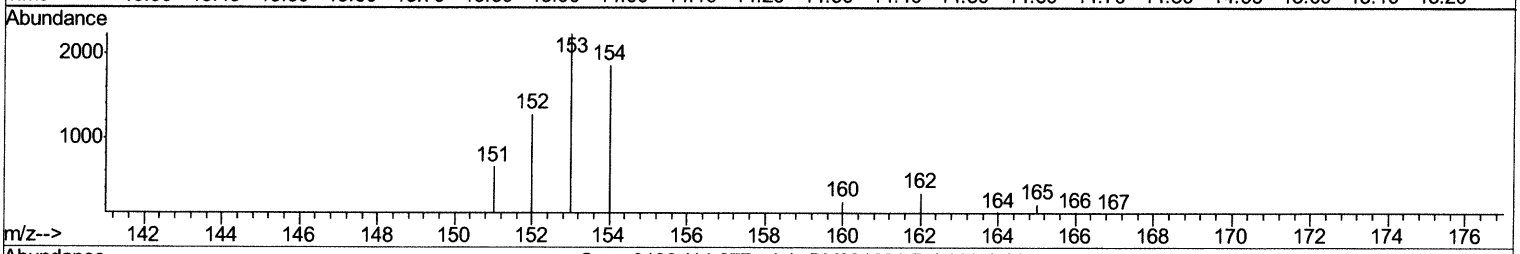
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031630.D
Acq On : 10 Aug 2021 08:07
Operator : CG/JU
Sample : M3169-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

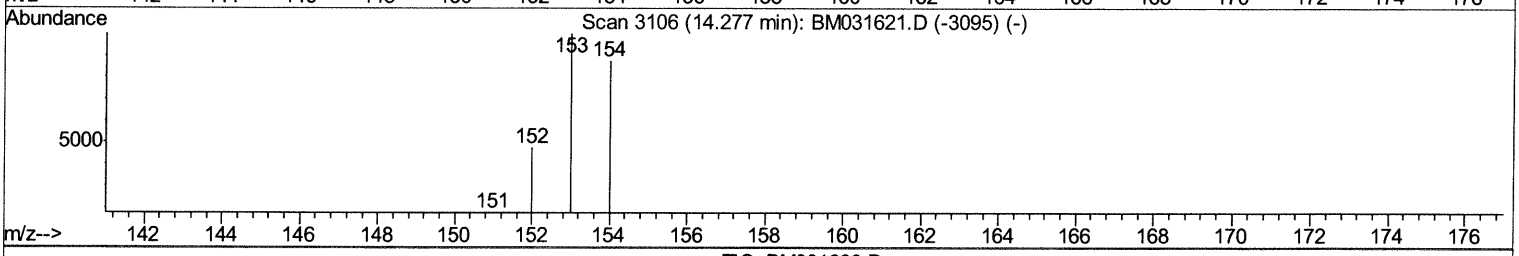
Quant Time: Aug 10 09:19:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00A7

**Manual Integrations APPROVED**
mohammad
8/10/2021 4:37:13 PM




TIC: BM031630.D

(11) Acenaphthene (C)

14.273min (-0.004) 0.26ng/ul

response 3386

| Ion | Exp% | Act% |
|---|---|---|
| 153.00 | 100 | 100 |
| 152.00 | 50.90 | 57.10 |
| 154.00 | 87.70 | 83.12 |
| 0.00 | 0.00 | 0.00 |

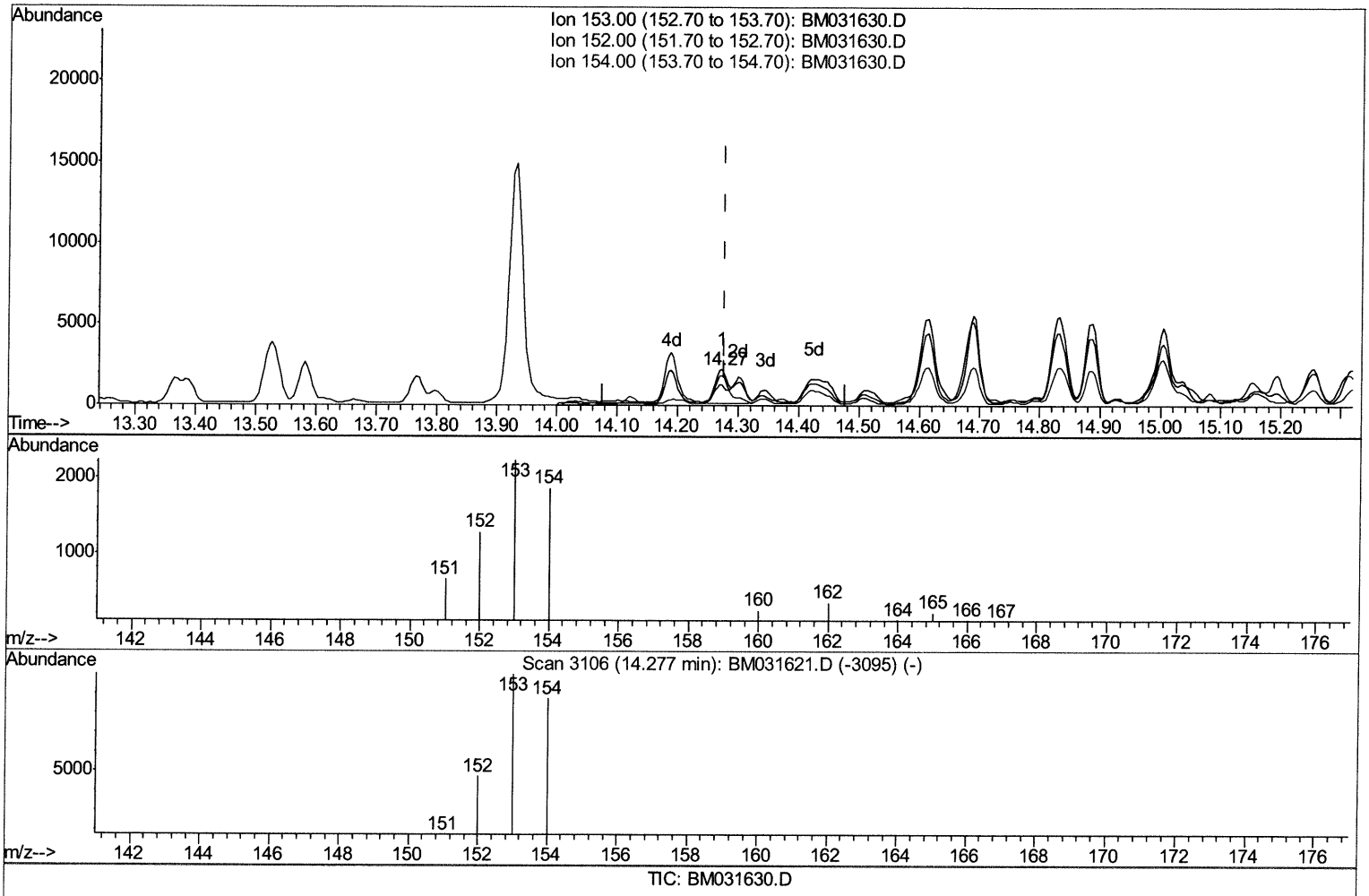
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031630.D
Acq On : 10 Aug 2021 08:07
Operator : CG/JU
Sample : M3169-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 10 09:19:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00A7

**Manual Integrations APPROVED**
mohammad
8/10/2021 4:37:13 PM




TIC: BM031630.D

(11) Acenaphthene (C)

14.273min (-0.004) 0.38ng/ul m

JU 8/12/21

response 4915

| Ion | Exp% | Act% |
|---|---|---|
| 153.00 | 100 | 100 |
| 152.00 | 50.90 | 57.10 |
| 154.00 | 87.70 | 83.12 |
| 0.00 | 0.00 | 0.00 |

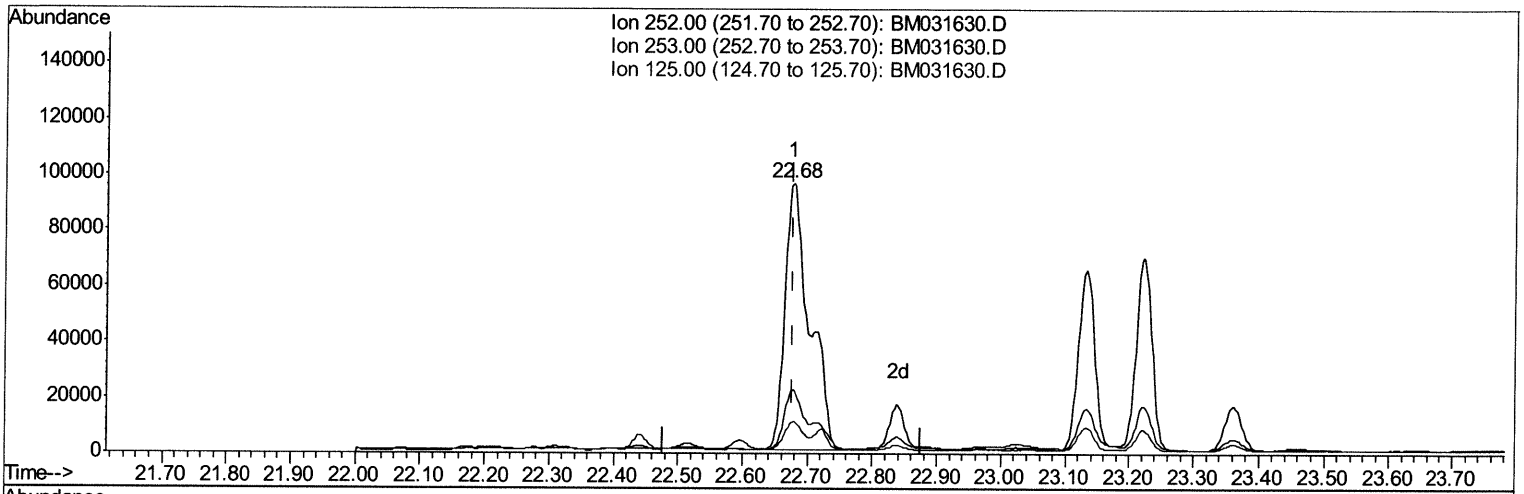
Quantitation Report (Qedit)

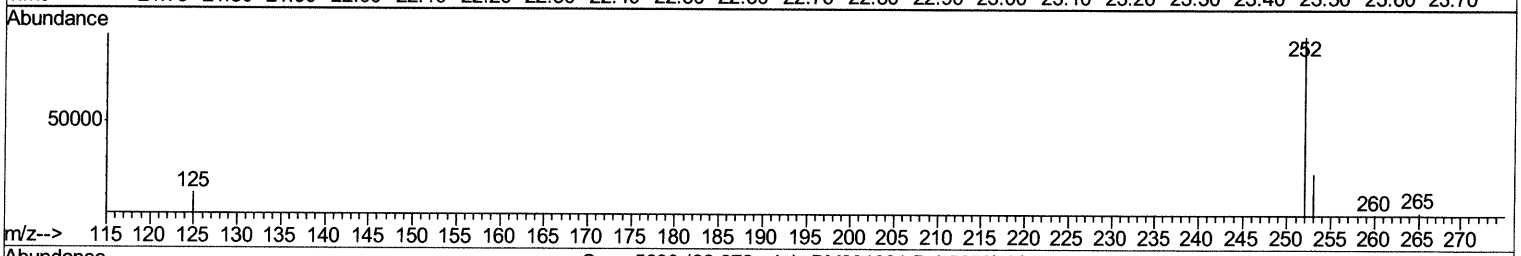
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031630.D
Acq On : 10 Aug 2021 08:07
Operator : CG/JU
Sample : M3169-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

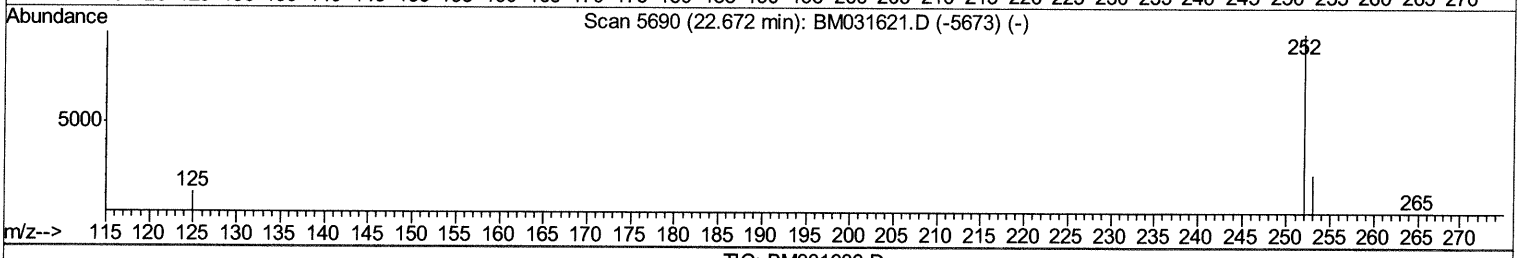
Quant Time: Aug 10 09:21:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00A7

**Manual Integrations APPROVED**
mohammad
8/10/2021 4:37:13 PM




TIC: BM031630.D

(24) Benzo(b)fluoranthene

22.677min (-0.000) 11.63ng/ul

response 251840

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.50 | 23.52 |
| 125.00 | 11.40 | 11.68 |
| 0.00 | 0.00 | 0.00 |

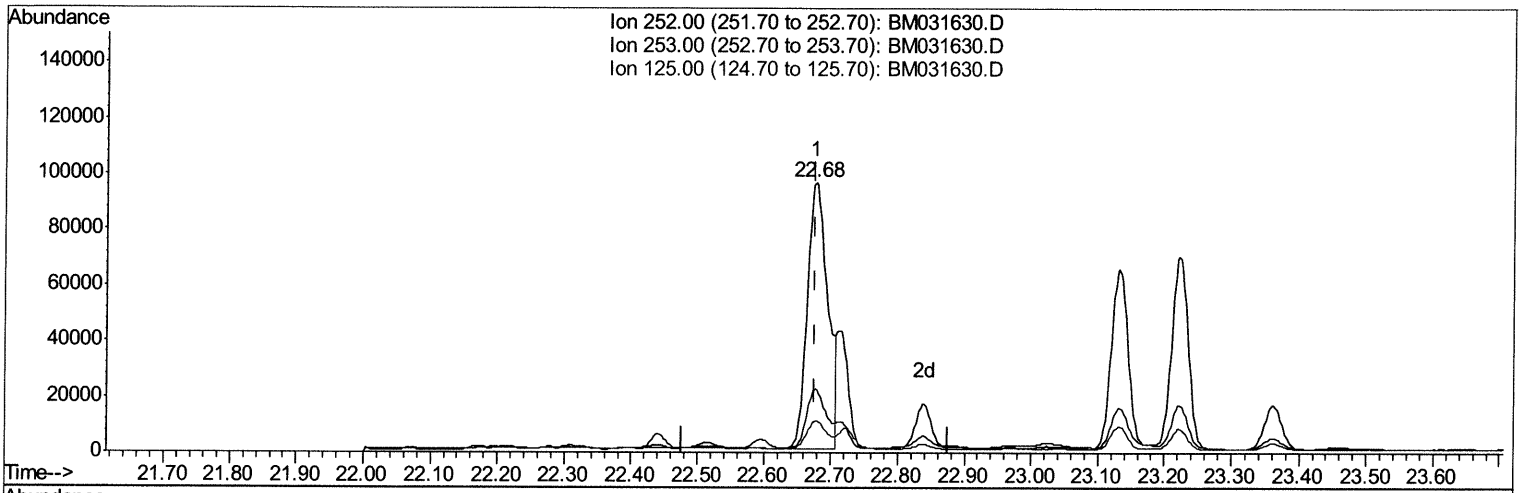
Quantitation Report (Qedit)

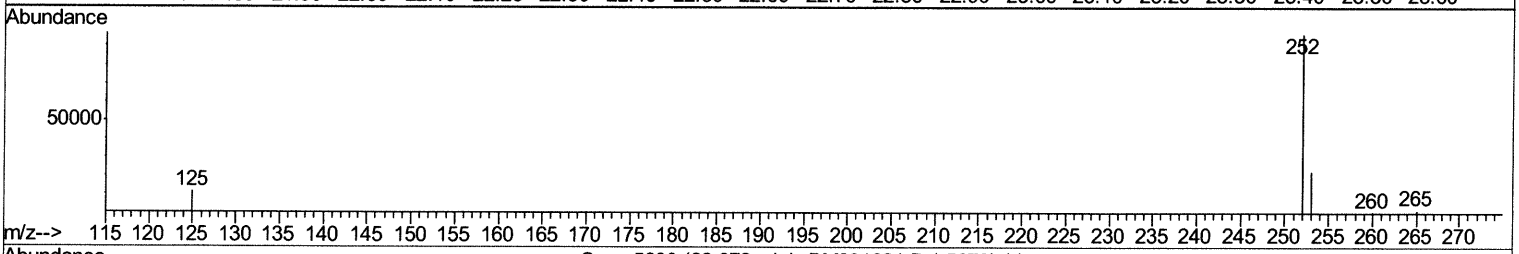
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031630.D
Acq On : 10 Aug 2021 08:07
Operator : CG/JU
Sample : M3169-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

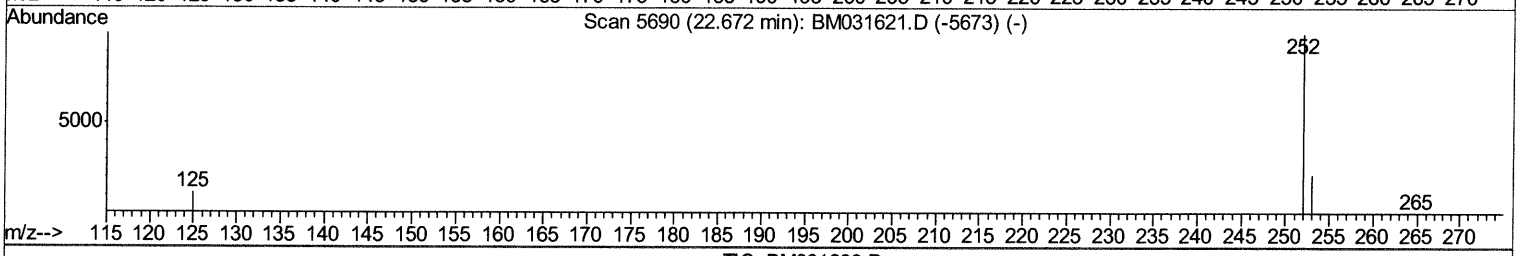
Quant Time: Aug 10 09:21:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00A7

**Manual Integrations APPROVED**
mohammad
8/10/2021 4:37:13 PM




TIC: BM031630.D

(24) Benzo(b)fluoranthene

22.677min (-0.000) 9.20ng/ul m

JU 8/12/21

response 199198

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.50 | 23.52 |
| 125.00 | 11.40 | 11.68 |
| 0.00 | 0.00 | 0.00 |

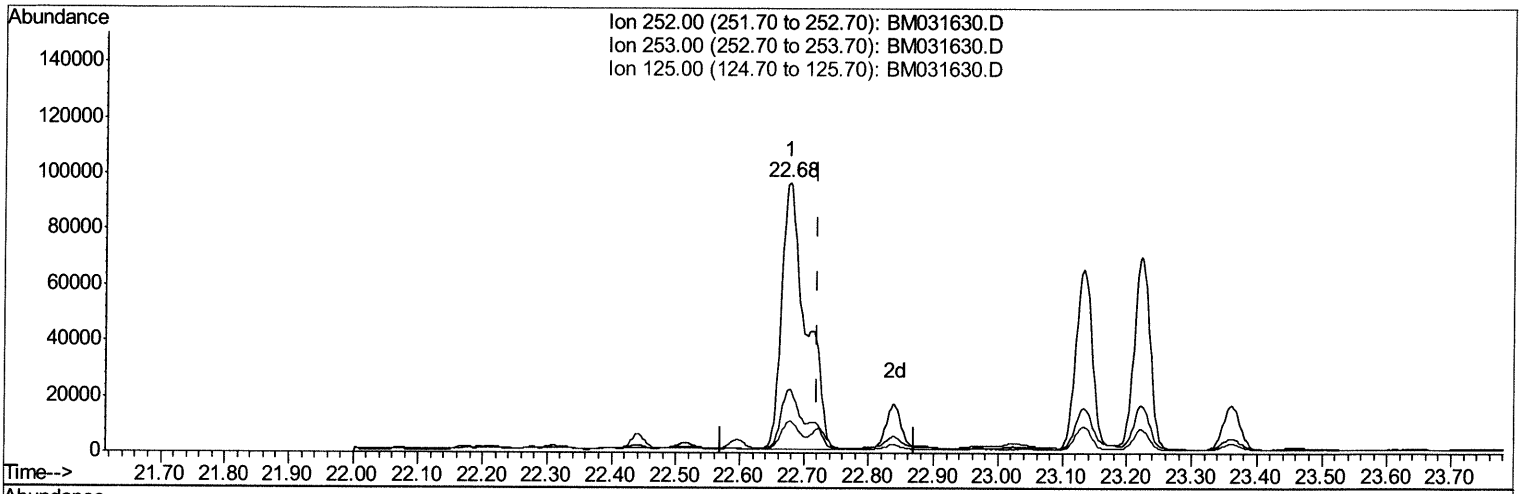
Quantitation Report (Qedit)

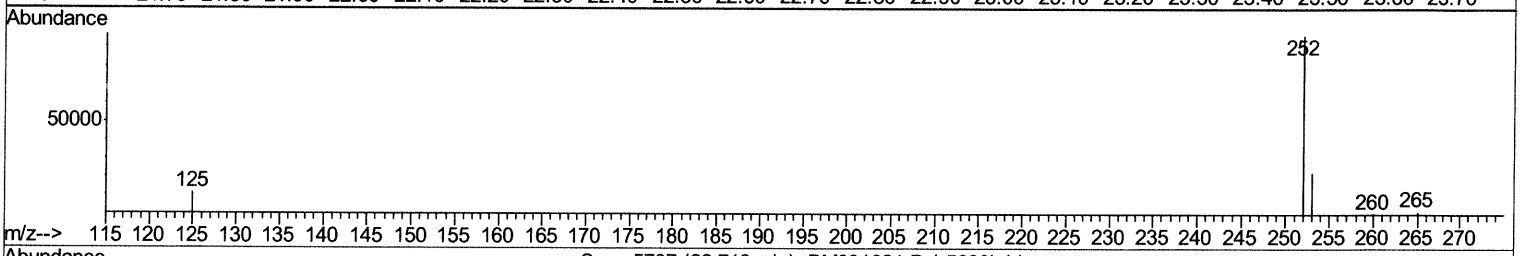
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031630.D
Acq On : 10 Aug 2021 08:07
Operator : CG/JU
Sample : M3169-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

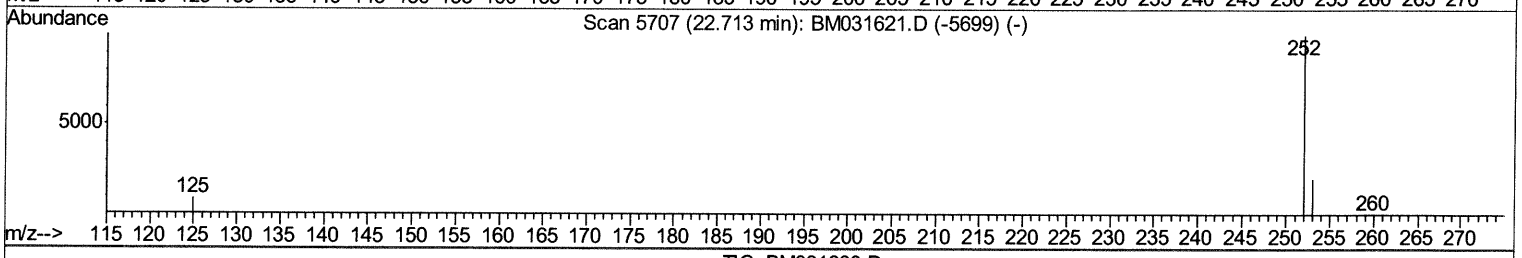
Quant Time: Aug 10 09:22:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00A7

**Manual Integrations APPROVED**
mohammad
8/10/2021 4:37:13 PM




TIC: BM031630.D

(25) Benzo(k)fluoranthene

22.677min (-0.044) 11.26ng/ul

response 251840

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.60 | 23.52 |
| 125.00 | 11.00 | 11.68 |
| 0.00 | 0.00 | 0.00 |

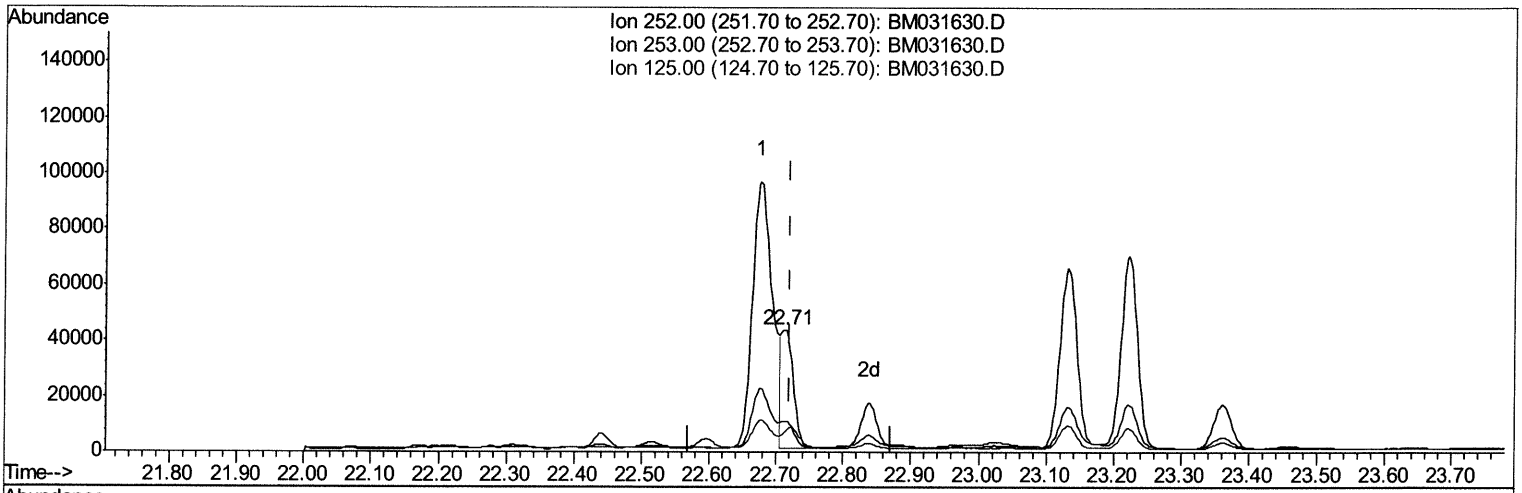
Quantitation Report (Qedit)

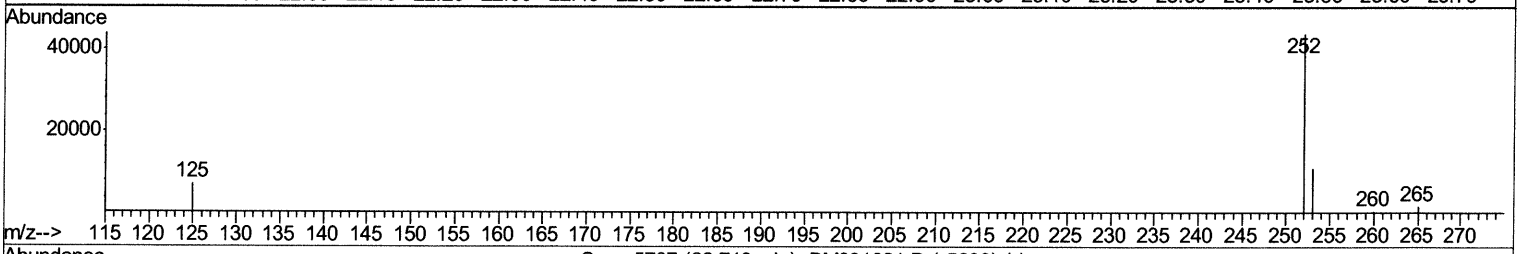
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031630.D
Acq On : 10 Aug 2021 08:07
Operator : CG/JU
Sample : M3169-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

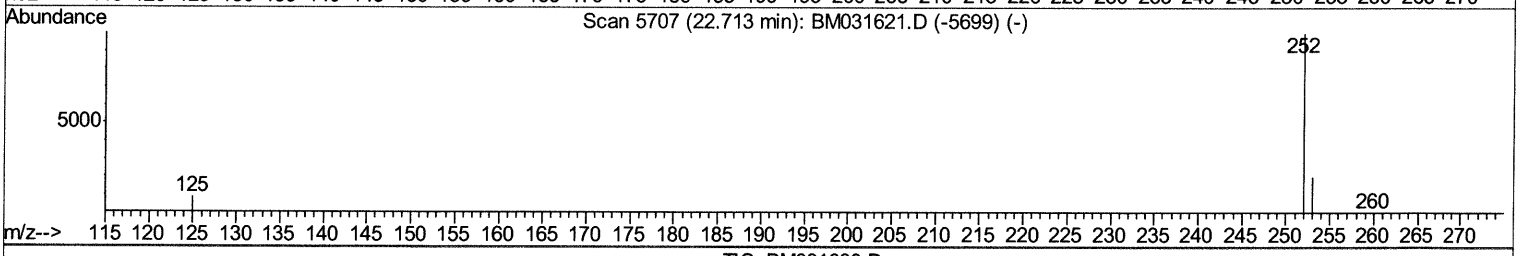
Quant Time: Aug 10 09:22:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00A7

**Manual Integrations APPROVED**
mohammad
8/10/2021 4:37:13 PM




TIC: BM031630.D

(25) Benzo(k)fluoranthene

22.713min (-0.007) 2.36ng/ul m

JU 8/14/21

response 52849

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.60 | 25.59 |
| 125.00 | 11.00 | 16.52# |
| 0.00 | 0.00 | 0.00 |

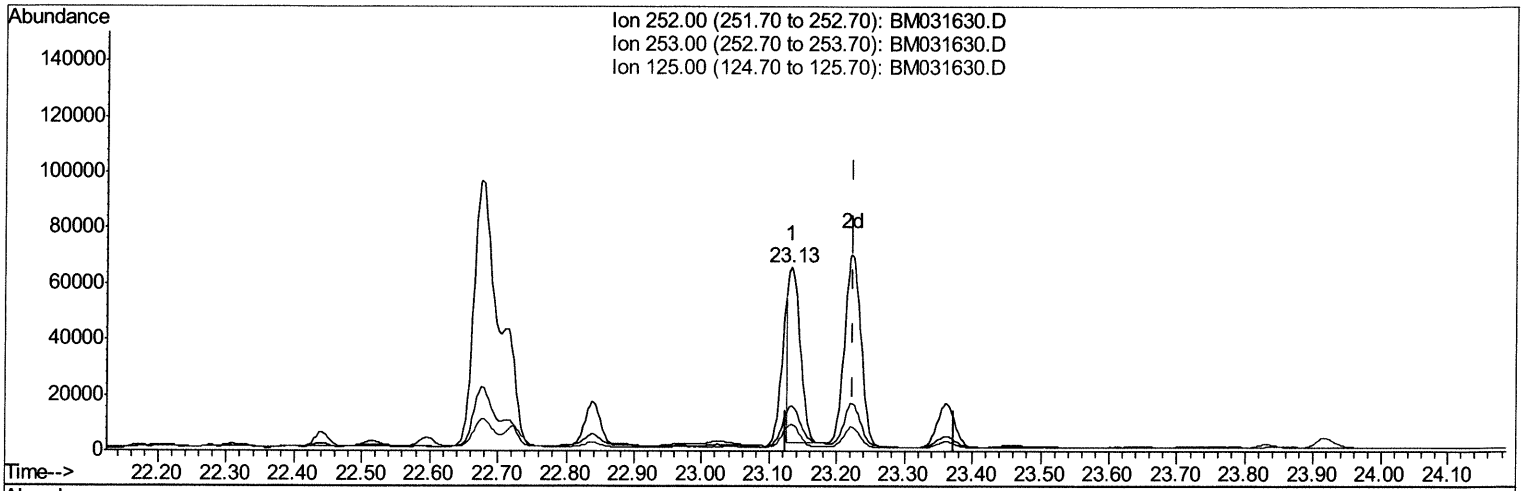
Quantitation Report (Qedit)

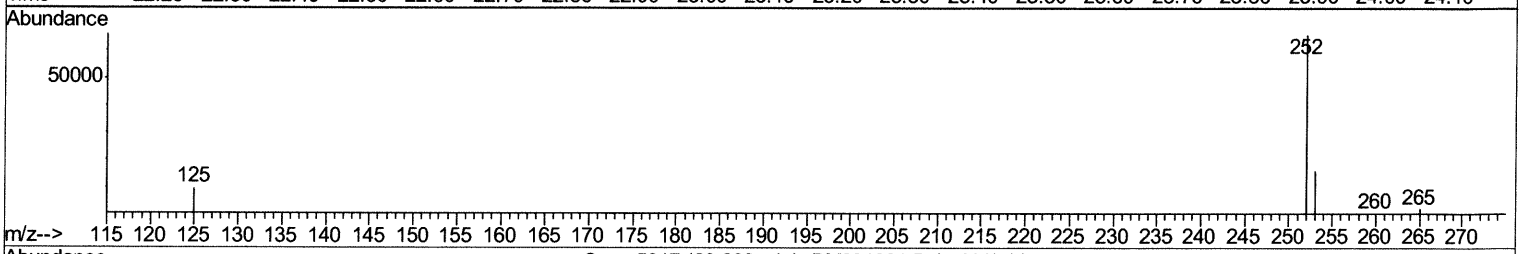
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031630.D
Acq On : 10 Aug 2021 08:07
Operator : CG/JU
Sample : M3169-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

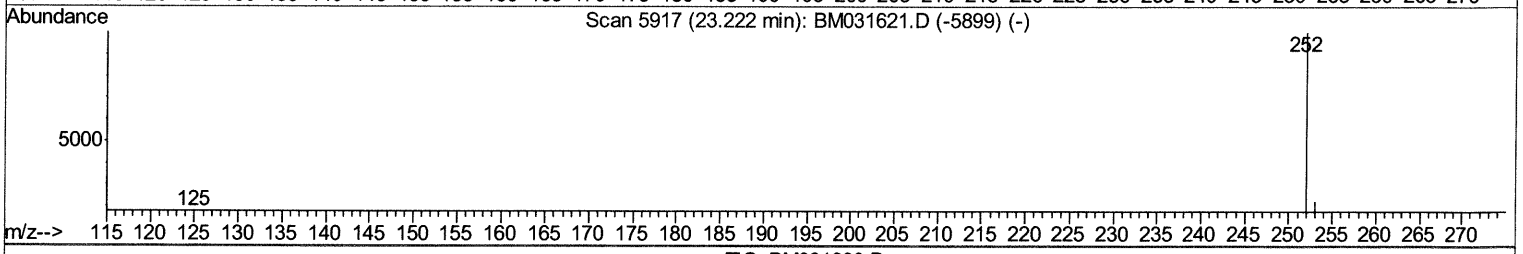
Quant Time: Aug 10 09:23:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00A7

**Manual Integrations APPROVED**
mohammad
8/10/2021 4:37:13 PM




TIC: BM031630.D

(26) Benzo(a)pyrene (C)

23.132min (-0.092) 4.07ng/ul

response 77185

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 28.00 | 24.54 |
| 125.00 | 16.20 | 14.67 |
| 0.00 | 0.00 | 0.00 |

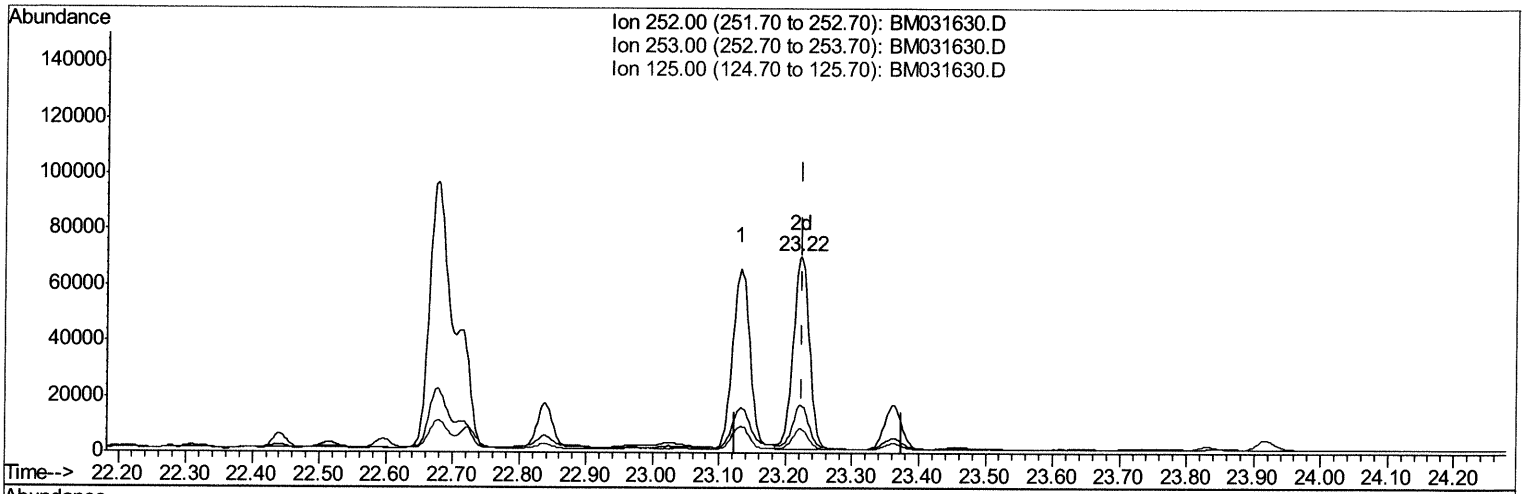
Quantitation Report (Qedit)

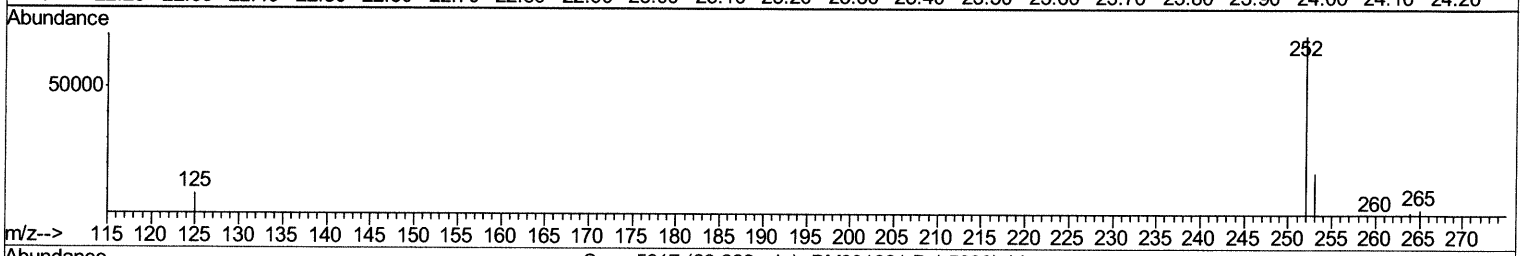
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031630.D
Acq On : 10 Aug 2021 08:07
Operator : CG/JU
Sample : M3169-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

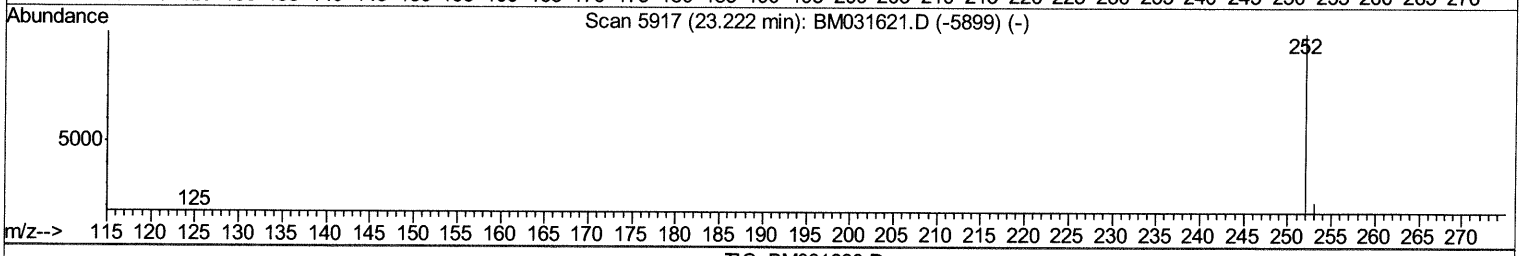
Quant Time: Aug 10 09:23:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00A7

**Manual Integrations APPROVED**
mohammad
8/10/2021 4:37:13 PM




TIC: BM031630.D

(26) Benzo(a)pyrene (C)

23.222min (-0.003) 6.34ng/ul m

response 120111

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 28.00 | 24.41 |
| 125.00 | 16.20 | 12.31# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031630.D
Acq On : 10 Aug 2021 08:07
Operator : CG/JU
Sample : M3169-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C00A7

**Manual Integrations APPROVED**
mohammad
8/10/2021 4:37:13 PM

Quant Time: Aug 10 09:24:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.58 | 152 | 1403 | 0.40 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.34 | 136 | 5067 | 0.40 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.21 | 164 | 3609 | 0.40 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.96 | 188 | 5423 | 0.40 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.16 | 240 | 4336 | 0.40 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.31 | 264 | 4805 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.18 | 96 | 7878 | 5.06 | ng/ul | -0.01 |
| 6) 2-Methylnaphthalene-d10 | 11.93 | 152 | 3164 | 0.37 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.00 | 212 | 5911 | 0.41 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 5) Naphthalene | 10.38 | 128 | 39289 | 2.603 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.00 | 142 | 41083 | 3.984 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.23 | 142 | 30698 | 3.013 | ng/ul | 99 |
| 10) Acenaphthylene | 13.93 | 152 | 24894 | 1.620 | ng/ul | 99 |
| 11) Acenaphthene | 14.27 | 153 | 4915m | 0.380 | ng/ul | 98 |
| 12) Fluorene | 15.27 | 166 | 7869 | 0.529 | ng/ul# | 78 |
| 15) Phenanthrene | 17.00 | 178 | 207912 | 12.074 | ng/ul | 98 |
| 16) Anthracene | 17.09 | 178 | 31234 | 1.937 | ng/ul | 99 |
| 19) Fluoranthene | 19.02 | 202 | 271189 | 14.647 | ng/ul# | 96 |
| 20) Pyrene | 19.39 | 202 | 235953 | 12.565 | ng/ul | 96 |
| 21) Benzo(a)anthracene | 21.14 | 228 | 124311 | 7.100 | ng/ul# | 88 |
| 22) Chrysene | 21.19 | 228 | 191593 | 10.576 | ng/ul# | 94 |
| 24) Benzo(b)fluoranthene | 22.68 | 252 | 199198m | 9.201 | ng/ul | 98 |
| 25) Benzo(k)fluoranthene | 22.71 | 252 | 52849m | 2.363 | ng/ul | 98 |
| 26) Benzo(a)pyrene | 23.22 | 252 | 120111m | 6.335 | ng/ul | 98 |
| 27) Indeno(1,2,3-cd)pyrene | 25.45 | 276 | 82314 | 3.359 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 25.46 | 278 | 26196 | 1.326 | ng/ul# | 72 |
| 29) Benzo(g,h,i)perylene | 26.11 | 276 | 78297 | 3.745 | ng/ul | 98 |

JU 8/12/21

JU 8/12/21

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