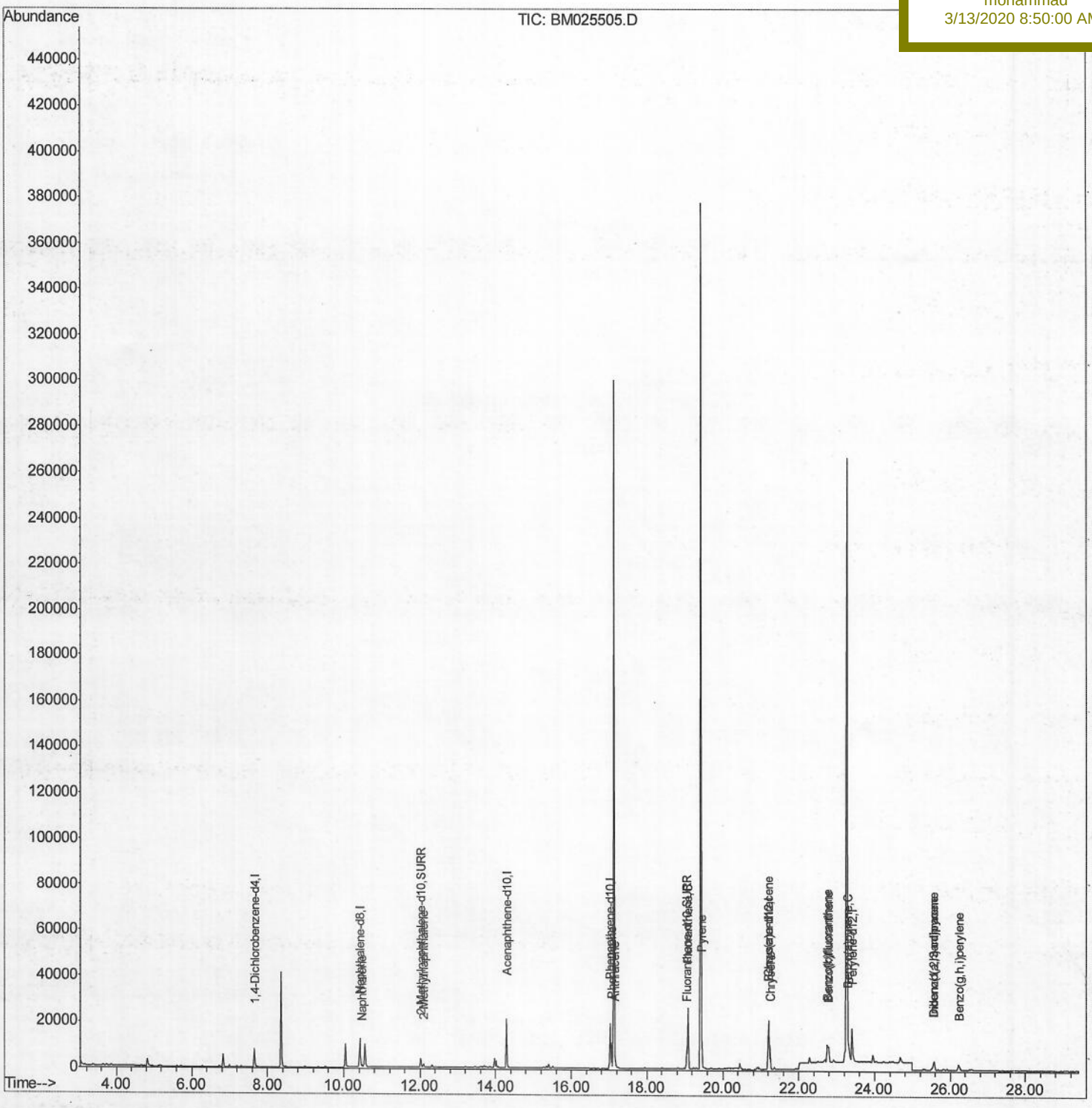
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025505.D
Acq On : 11 Mar 2020 23:33
Operator : CG/JU
Sample : L1677-19
Misc :
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Mar 12 02:39:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 02:03:23 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C0CB6

**Manual Integrations APPROVED**
mohammad
3/13/2020 8:50:00 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025505.D
Acq On : 11 Mar 2020 23:33
Operator : CG/JU
Sample : L1677-19
Misc :
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Mar 12 02:37:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 02:03:23 2020
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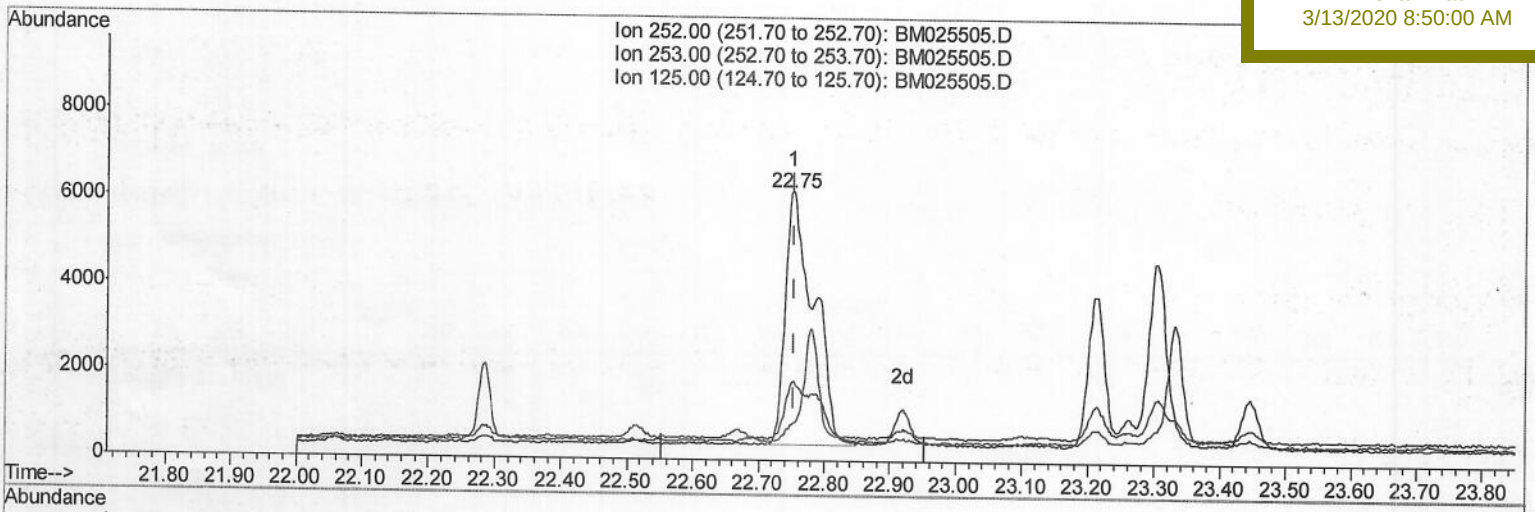
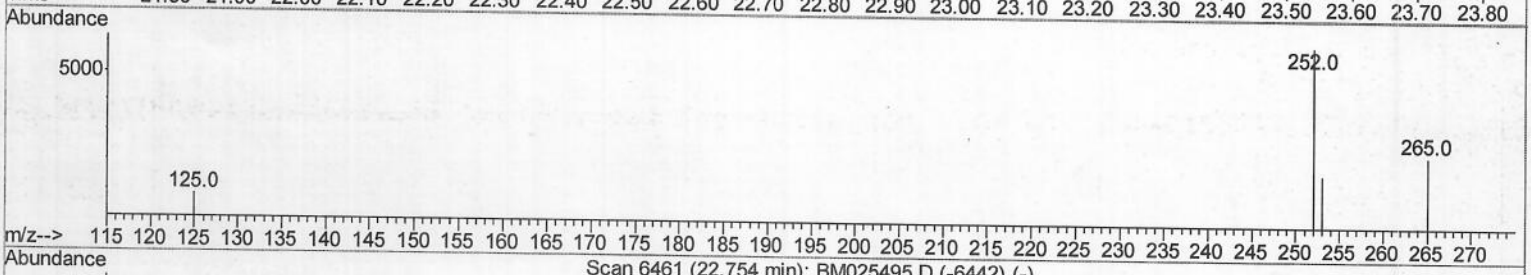
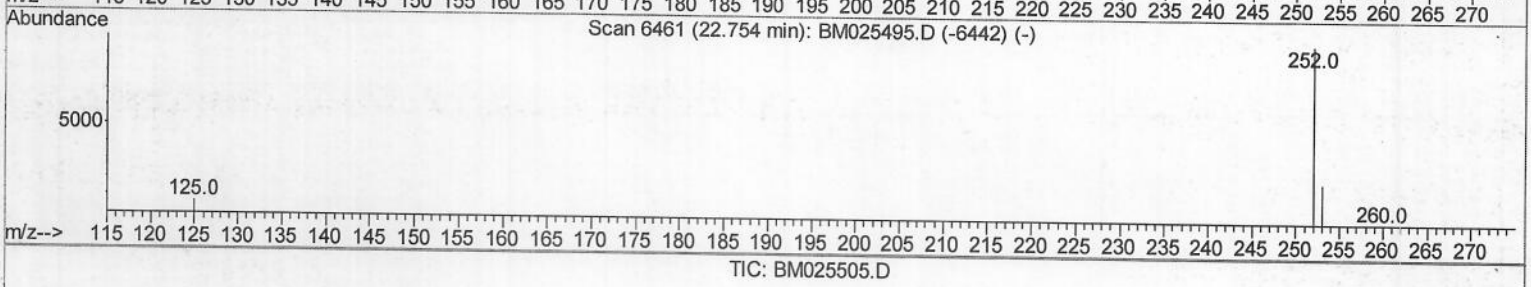
**Manual Integrations APPROVED**
mohammad
3/13/2020 8:50:00 AM




TIC: BM025505.D

(21) Benzo(b)fluoranthene

22.752min (-0.002) 0.25ng/ul

response 17641

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 25.10 | 29.41 |
| 125.00 | 8.80 | 13.90 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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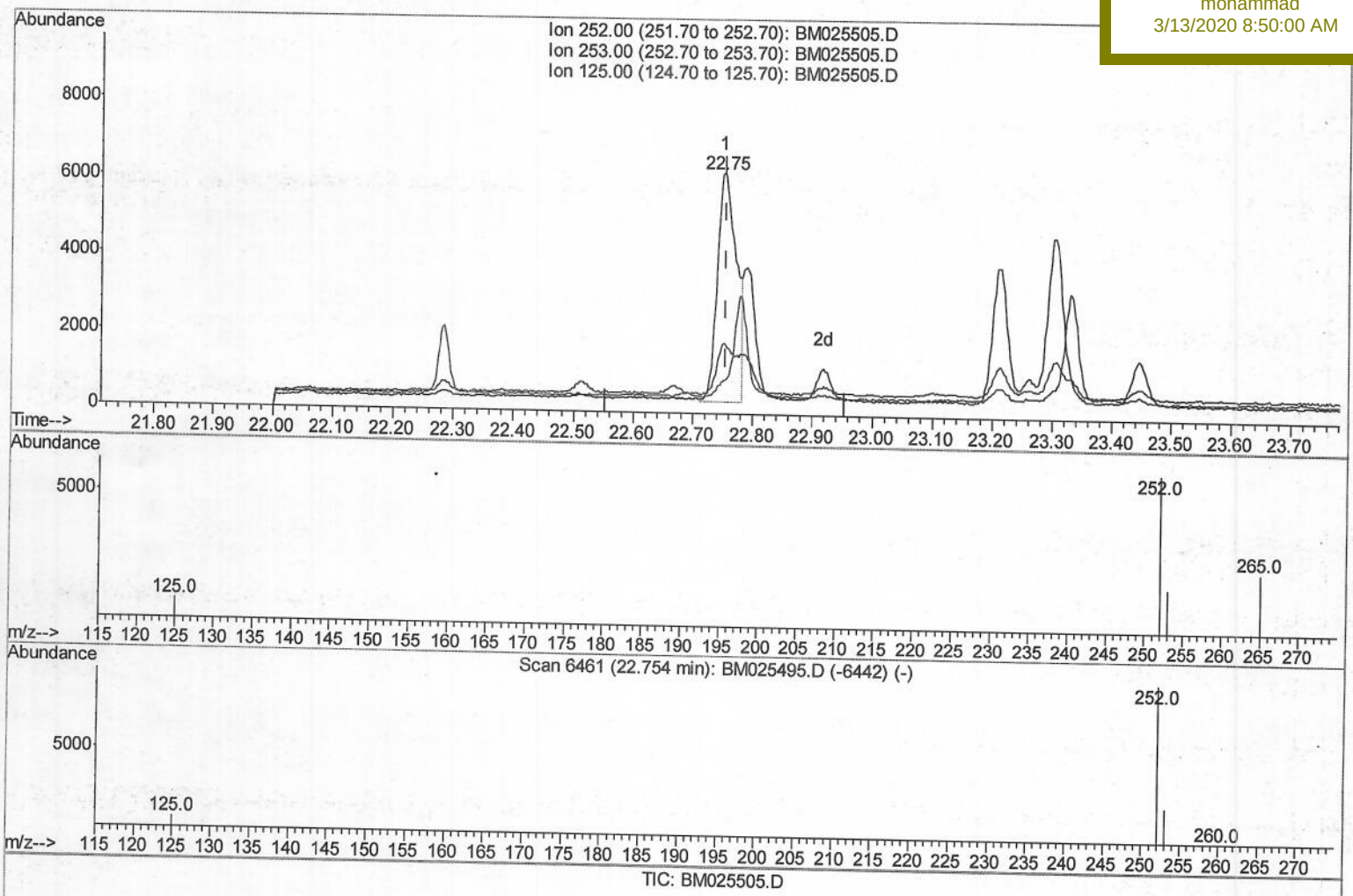
**Instrument :**
BNA_M
**ClientSampleId :**
C0CB6

**Manual Integrations APPROVED**
mohammad
3/13/2020 8:50:00 AM










TIC: BM025505.D

(21) Benzo(b)fluoranthene

22.752min (-0.002) 0.19ng/ul m JU 03/16/20

response 12917

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 25.10 | 29.41 |
| 125.00 | 8.80 | 13.90 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025505.D
Acq On : 11 Mar 2020 23:33
Operator : CG/JU
Sample : L1677-19
Misc :
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Mar 12 02:37:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 02:03:23 2020
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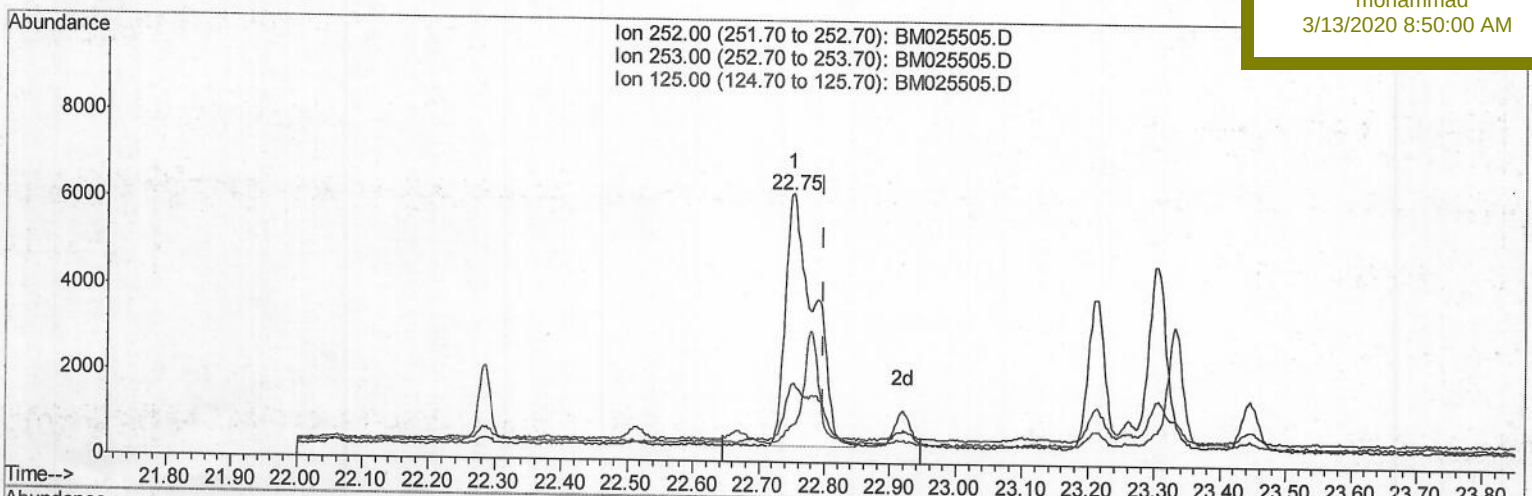
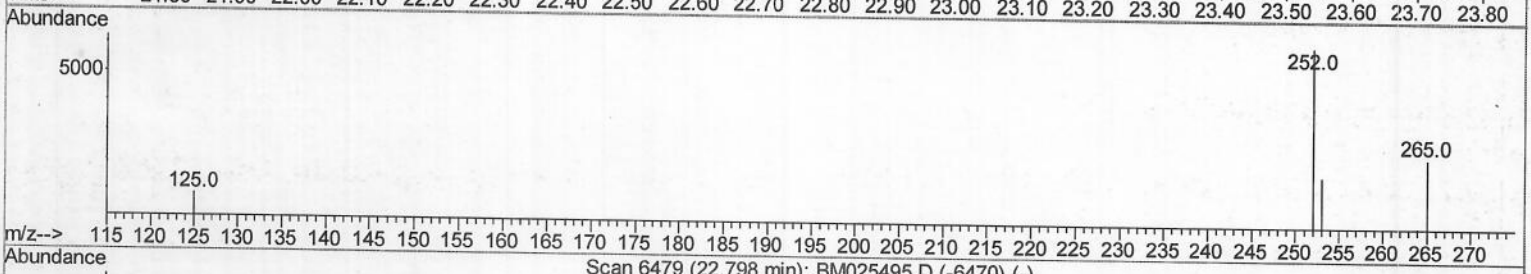
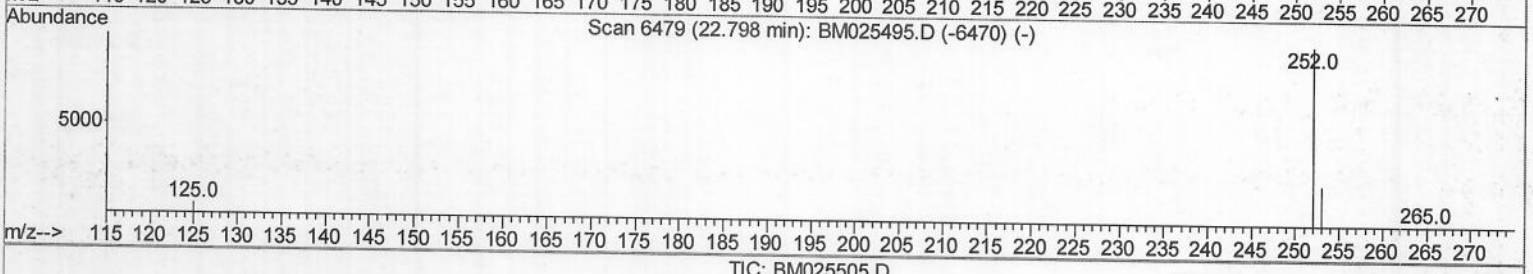
**Instrument :**
BNA_M
**ClientSampleId :**
C0CB6

**Manual Integrations APPROVED**
mohammad
3/13/2020 8:50:00 AM




TIC: BM025505.D

(22) Benzo(k)fluoranthene

22.752min (-0.046) 0.24ng/ul

response 17641

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.80 | 29.41 |
| 125.00 | 8.90 | 13.90# |
| 0.00 | 0.00 | 0.00 |

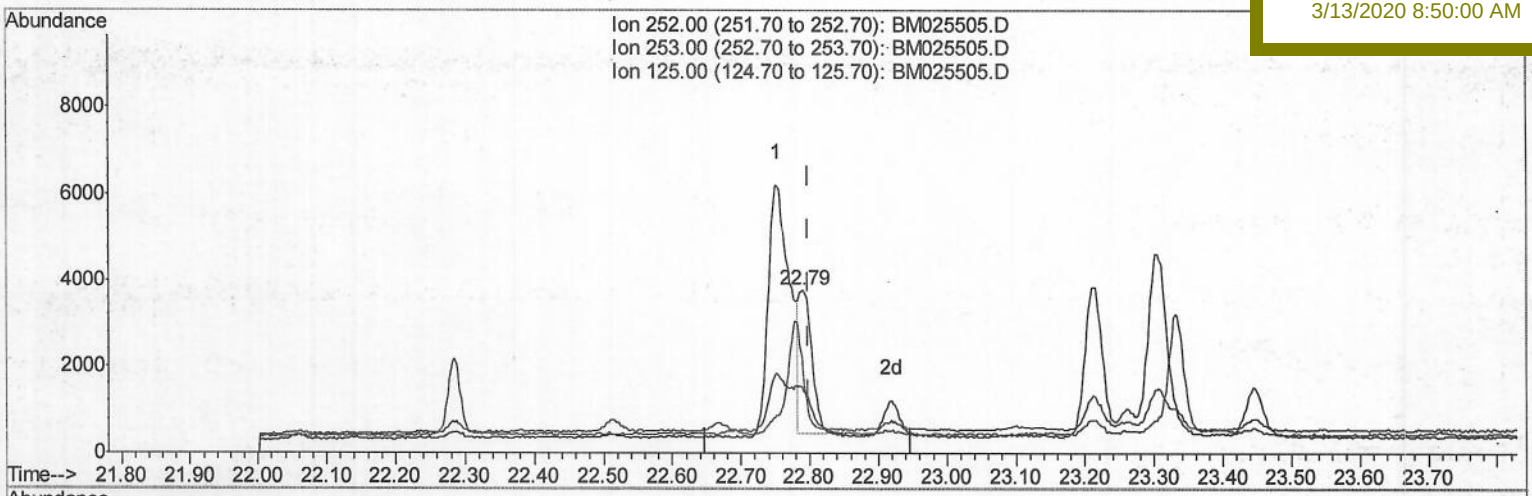
Quantitation Report (Qedit)

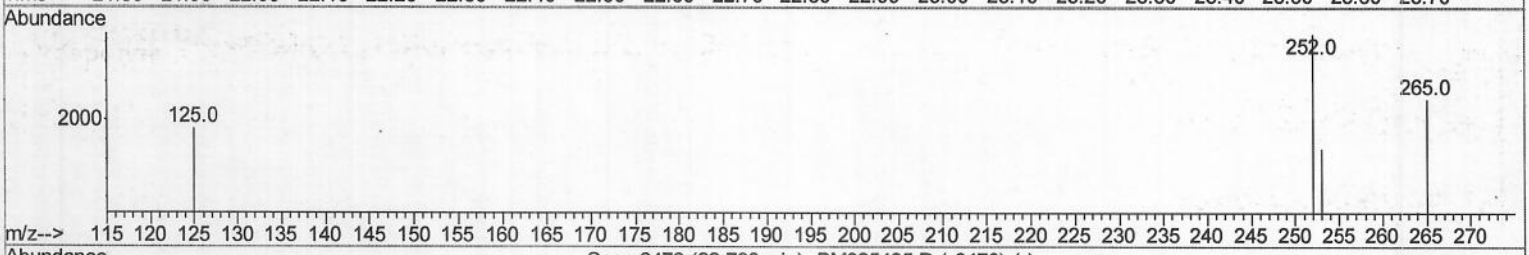
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025505.D
Acq On : 11 Mar 2020 23:33
Operator : CG/JU
Sample : L1677-19
Misc :
ALS Vial : 98 Sample Multiplier: 1

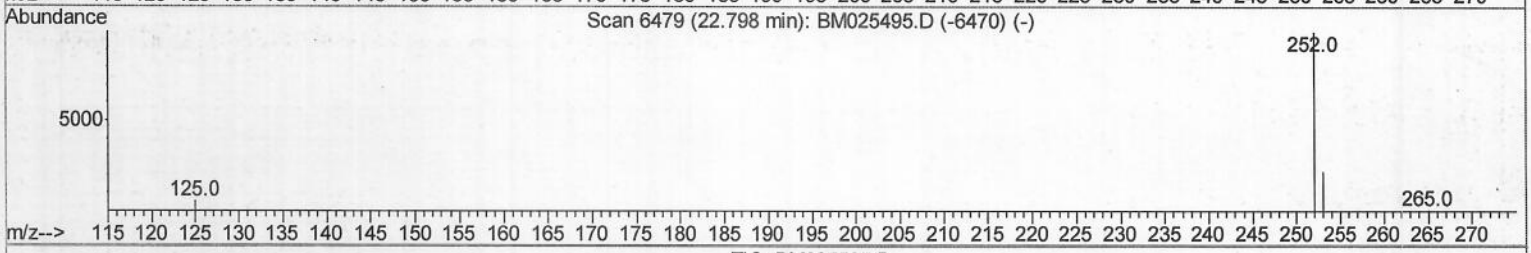
Quant Time: Mar 12 02:37:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 02:03:23 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C0CB6

**Manual Integrations APPROVED**
mohammad
3/13/2020 8:50:00 AM




TIC: BM025505.D

(22) Benzo(k)fluoranthene

22.791min (-0.007) 0.06ng/ul m) DV 03/16/20

response 4568

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.80 | 37.79# |
| 125.00 | 8.90 | 48.40# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Data File : BM025505.D
Acq On : 11 Mar 2020 23:33
Operator : CG/JU
Sample : L1677-19
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CB6

Manual Integrations APPROVED
mohammad
3/13/2020 8:50:00 AM

Quant Time: Mar 12 02:39:05 2020
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QLast Update : Thu Mar 12 02:03:23 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 3948 | 0.40 ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.42 | 136 | 16612 | 0.40 ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.28 | 164 | 11422 | 0.40 ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.03 | 188 | 23792 | 0.40 ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.21 | 240 | 16487 | 0.40 ng/ul | 0.00 |
| 20) Perylene-d12 | 23.40 | 264 | 17503 | 0.40 ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.02 | 152 | 5107 | 0.17 ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.06 | 212 | 11333 | 0.17 ng/ul | 0.00 |
| **Target Compounds** | | | | | Qvalue |
| 3) Naphthalene | 10.47 | 128 | 1197 | 0.024 ng/ul# | 85 |
| 5) 2-Methylnaphthalene | 12.09 | 142 | 1009 | 0.029 ng/ul | 97 |
| 12) Phenanthrene | 17.07 | 178 | 11290 | 0.150 ng/ul | 99 |
| 13) Anthracene | 17.16 | 178 | 2213 | 0.034 ng/ul# | 92 |
| 15) Fluoranthene | 19.09 | 202 | 22955 | 0.281 ng/ul | 98 |
| 17) Pyrene | 19.45 | 202 | 20035 | 0.271 ng/ul | 99 |
| 18) Benzo(a)anthracene | 21.20 | 228 | 8494 | 0.144 ng/ul | 96 |
| 19) Chrysene | 21.25 | 228 | 10098 | 0.153 ng/ul | 97 |
| 21) Benzo(b)fluoranthene | 22.75 | 252 | 12917m> | 0.186 ng/ul | |
| 22) Benzo(k)fluoranthene | 22.79 | 252 | 4568m> | 0.063 ng/ul | |
| 23) Benzo(a)pyrene | 23.30 | 252 | 8251 | 0.143 ng/ul# | 88 |
| 24) Indeno(1,2,3-cd)pyrene | 25.57 | 276 | 6047 | 0.077 ng/ul# | 84 |
| 25) Dibenzo(a,h)anthracene | 25.58 | 278 | 1554 | 0.024 ng/ul# | 48 |
| 26) Benzo(g,h,i)perylene | 26.23 | 276 | 5632 | 0.083 ng/ul# | 91 |

JU 03/16/20

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