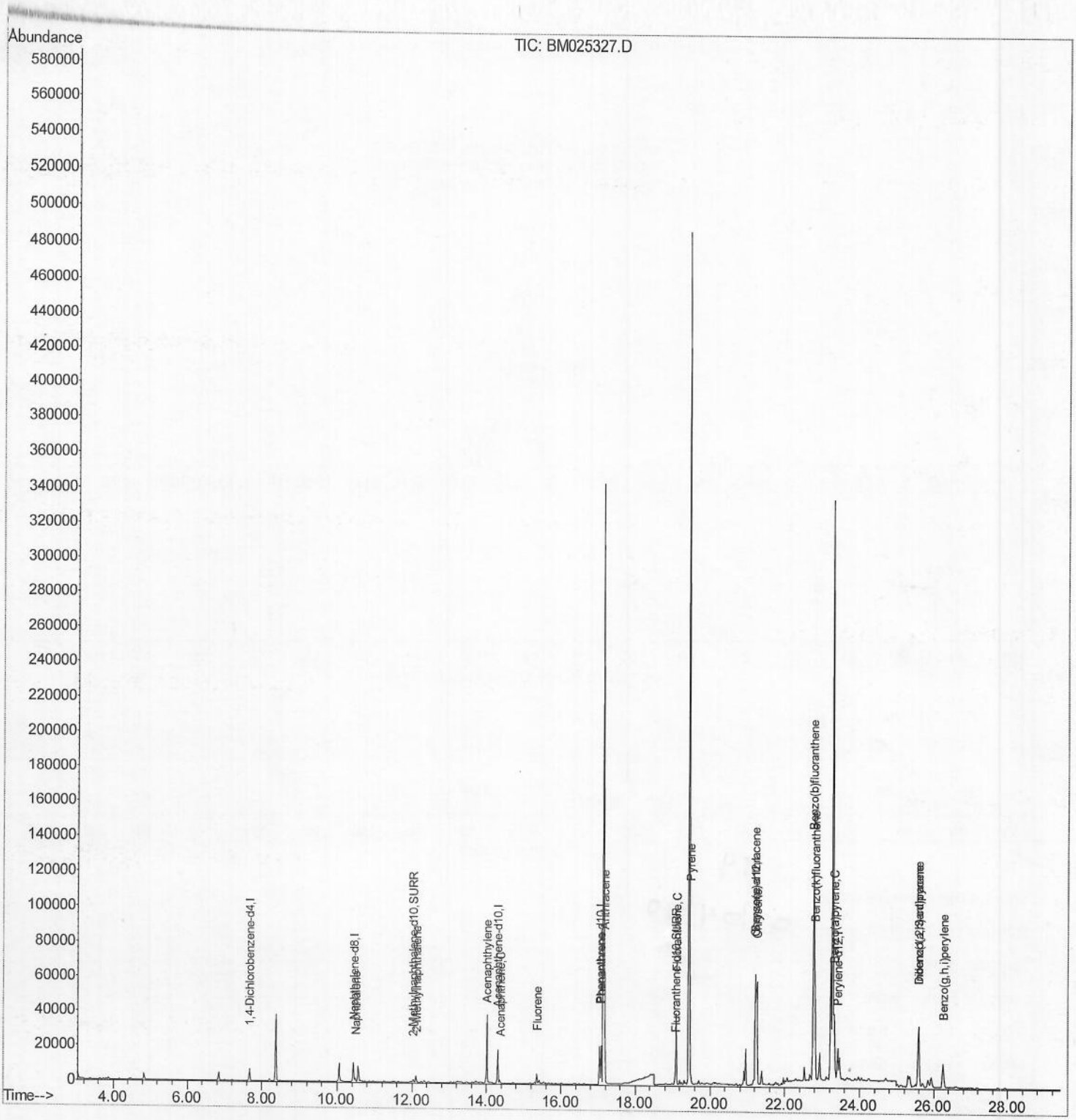
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025327.D
Acq On : 07 Mar 2020 00:54
Operator : CG/JU
Sample : L1612-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 07 04:09:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 00:01:42 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBDM3

**Manual Integrations APPROVED**
mohammad
3/9/2020 3:00:27 PM



Quantitation Report (Qedit)

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**Manual Integrations APPROVED**
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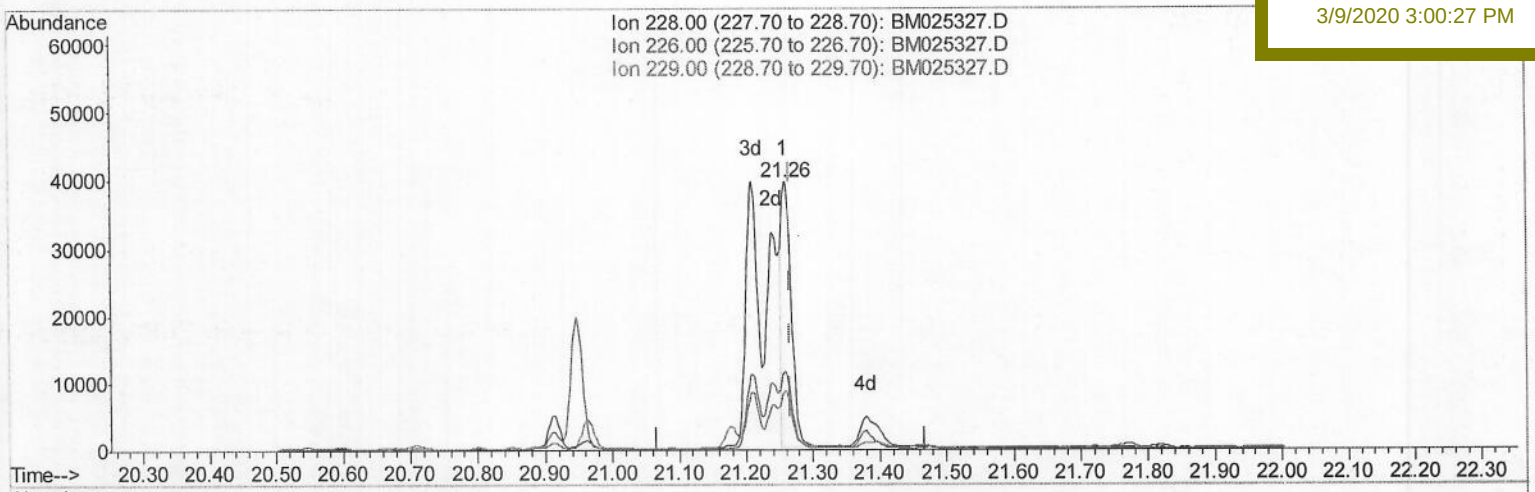
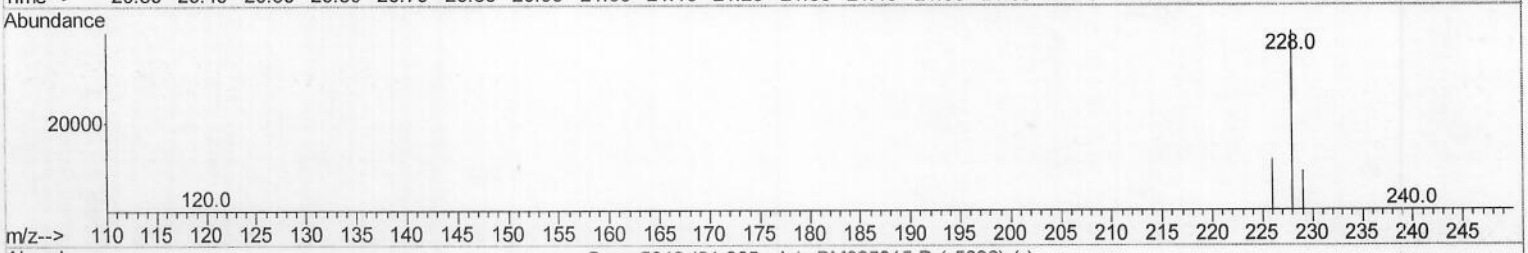
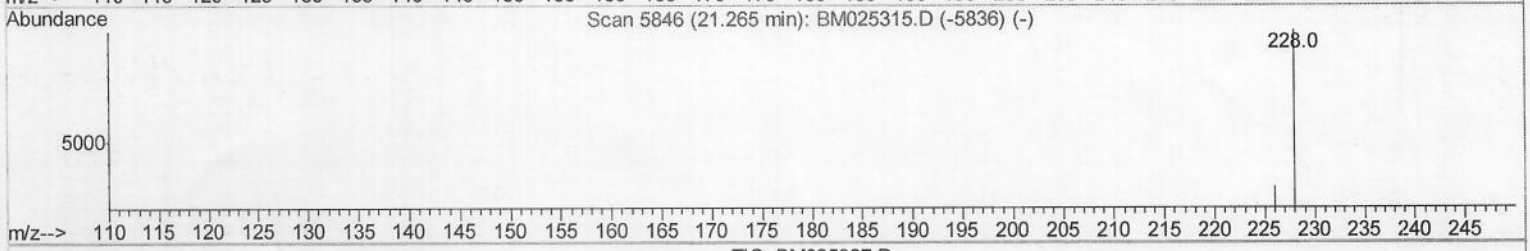
3/9/2020 3:00:27 PM




TIC: BM025327.D

(19) Chrysene

21.258min (-0.009) 0.43ng/ul

response 42284

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100 | 100 |
| 226.00 | 29.80 | 29.31 |
| 229.00 | 21.10 | 21.93 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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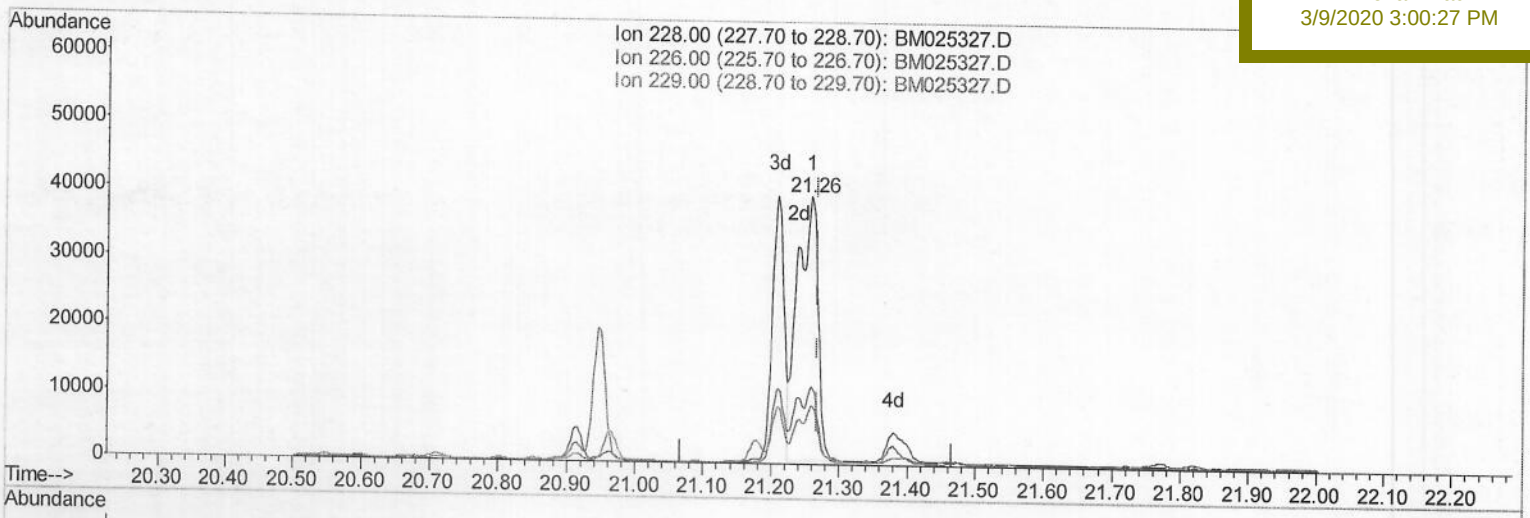
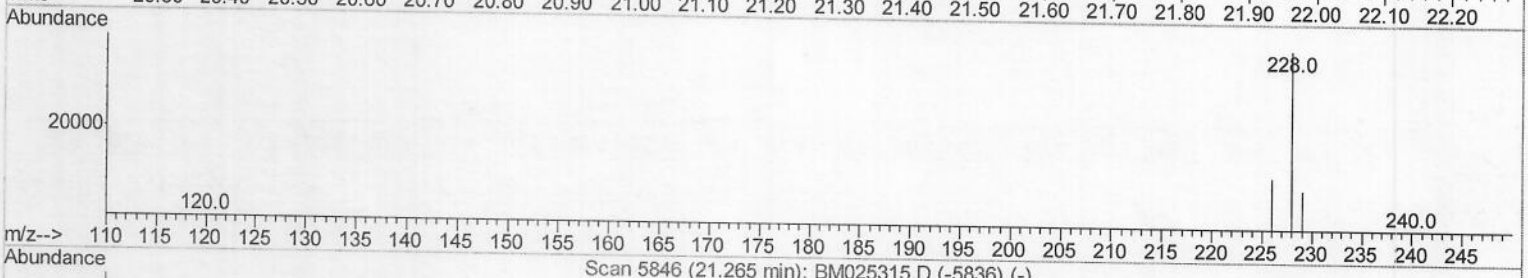
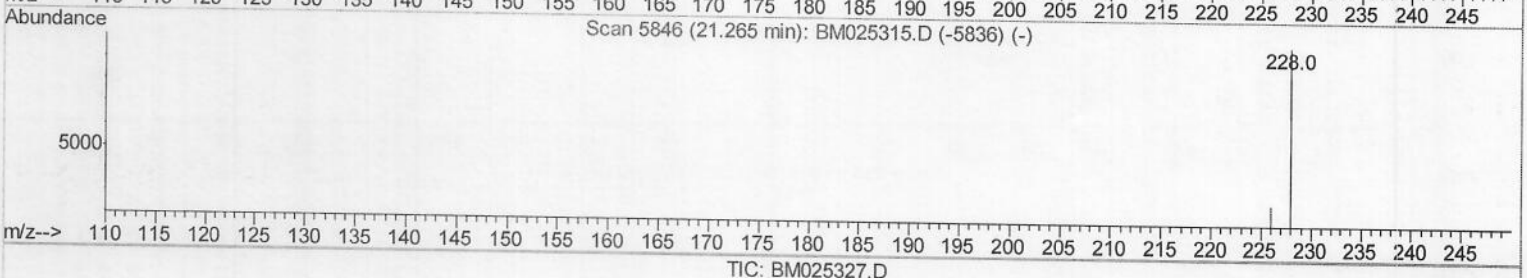
**Instrument :**
BNA_M
**ClientSampleId :**
DBDM3

**Manual Integrations APPROVED**
mohammad
3/9/2020 3:00:27 PM




TIC: BM025327.D

(19) Chrysene

21.258min (-0.009) 0.84ng/ul m> SV 03/11/20

response 82277

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100 | 100 |
| 226.00 | 29.80 | 29.31 |
| 229.00 | 21.10 | 21.93 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025327.D
Acq On : 07 Mar 2020 00:54
Operator : CG/JU
Sample : L1612-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 07 04:07:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 00:01:42 2020
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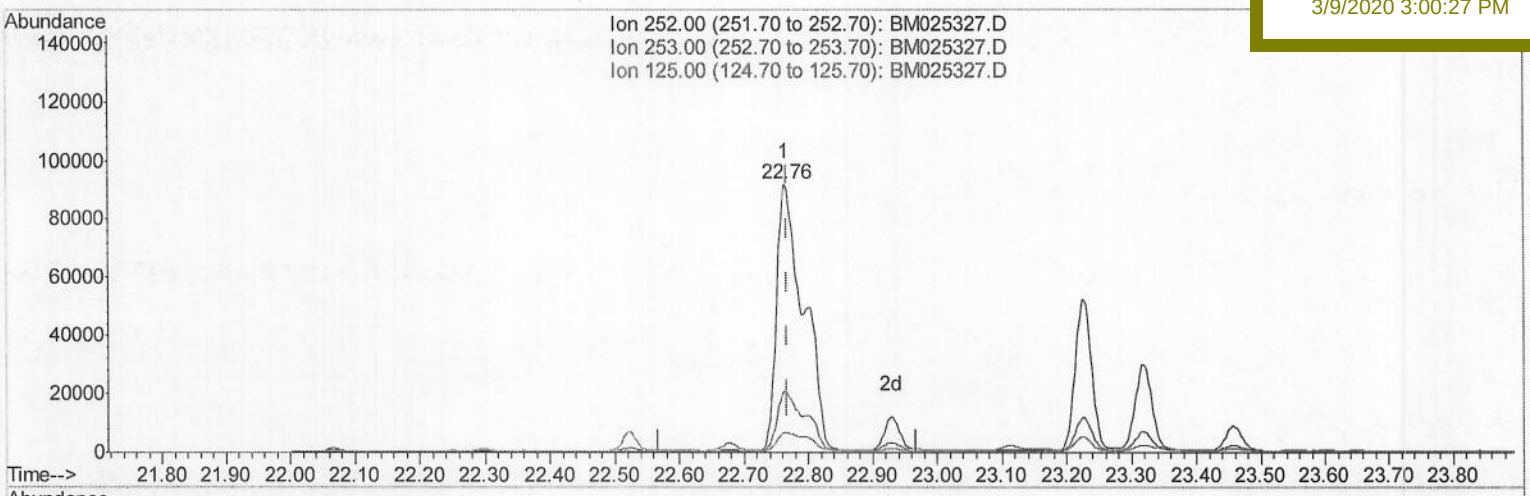
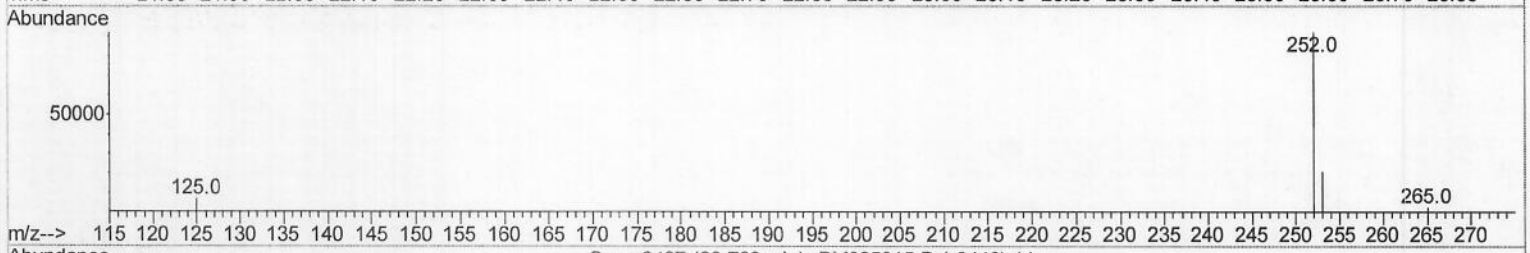
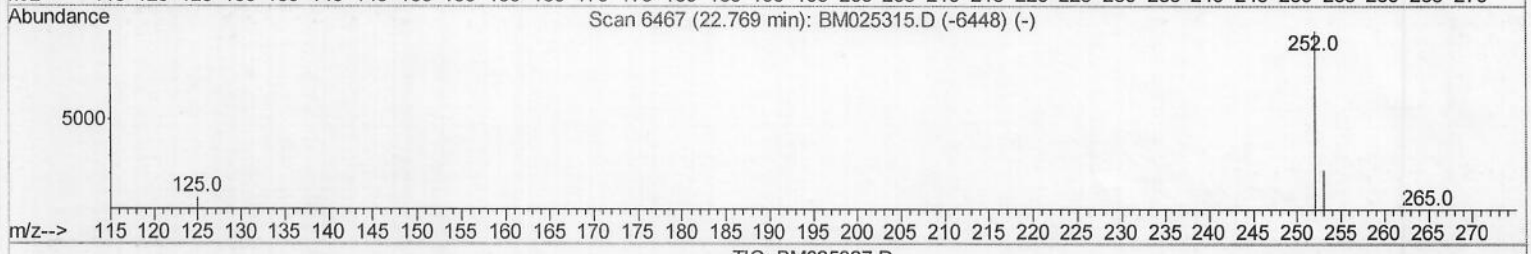
**Instrument :**
BNA_M
**ClientSampleId :**
DBDM3

**Manual Integrations APPROVED**
mohammad
3/9/2020 3:00:27 PM




TIC: BM025327.D

(21) Benzo(b)fluoranthene

22.764min (-0.004) 3.17ng/ul

response 268435

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.90 | 22.79 |
| 125.00 | 14.30 | 7.40 |
| 0.00 | 0.00 | 0.00 |

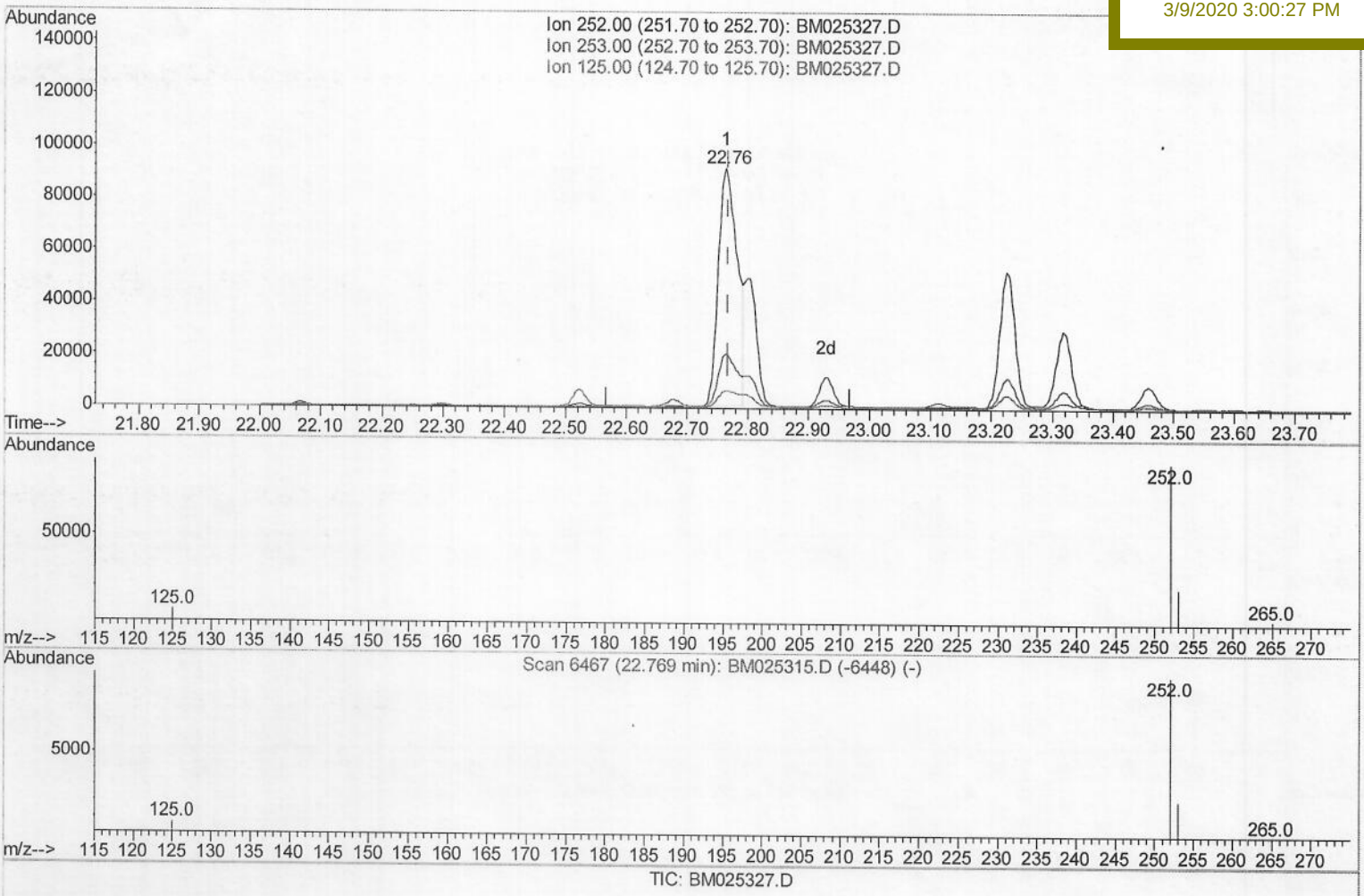
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025327.D
Acq On : 07 Mar 2020 00:54
Operator : CG/JU
Sample : L1612-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 07 04:07:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 00:01:42 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBDM3

**Manual Integrations APPROVED**
mohammad
3/9/2020 3:00:27 PM




TIC: BM025327.D

(21) Benzo(b)fluoranthene

22.764min (-0.004) 2.28ng/ul m JU 03/11/20

response 193584

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.90 | 22.79 |
| 125.00 | 14.30 | 7.40 |
| 0.00 | 0.00 | 0.00 |

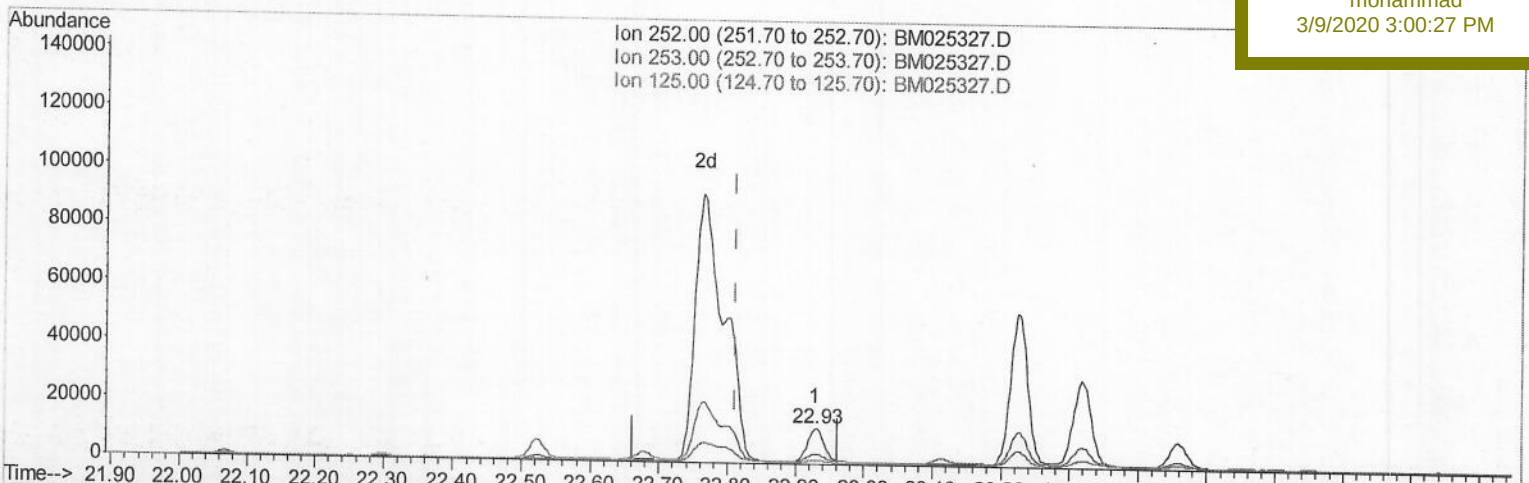
Quantitation Report (Qedit)

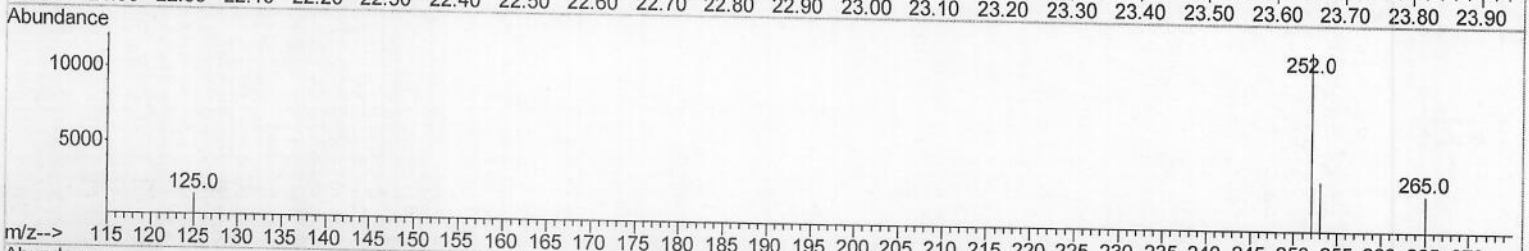
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025327.D
Acq On : 07 Mar 2020 00:54
Operator : CG/JU
Sample : L1612-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

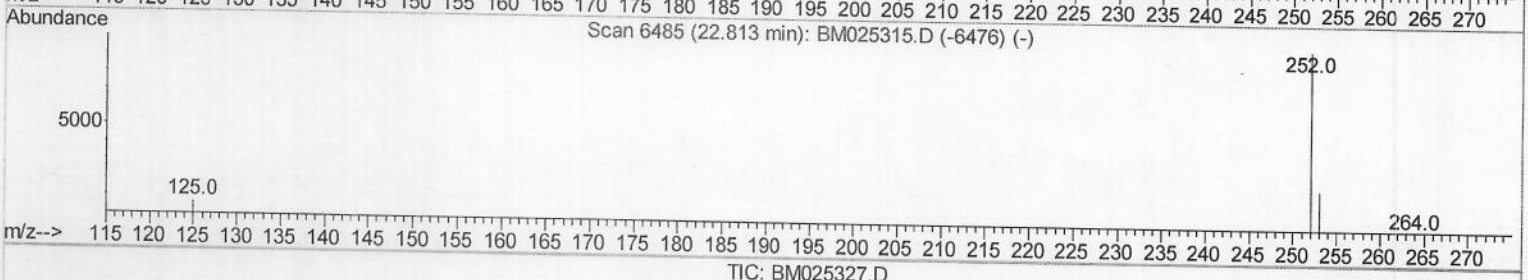
Quant Time: Mar 07 04:07:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 00:01:42 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBDM3

**Manual Integrations APPROVED**
mohammad
3/9/2020 3:00:27 PM




TIC: BM025327.D

(22) Benzo(k)fluoranthene

22.929min (+0.117) 0.20ng/ul

response 17603

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.20 | 28.40 |
| 125.00 | 13.40 | 12.06 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
Data File : BM025327.D
Acq On : 07 Mar 2020 00:54
Operator : CG/JU
Sample : L1612-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 07 04:07:23 2020
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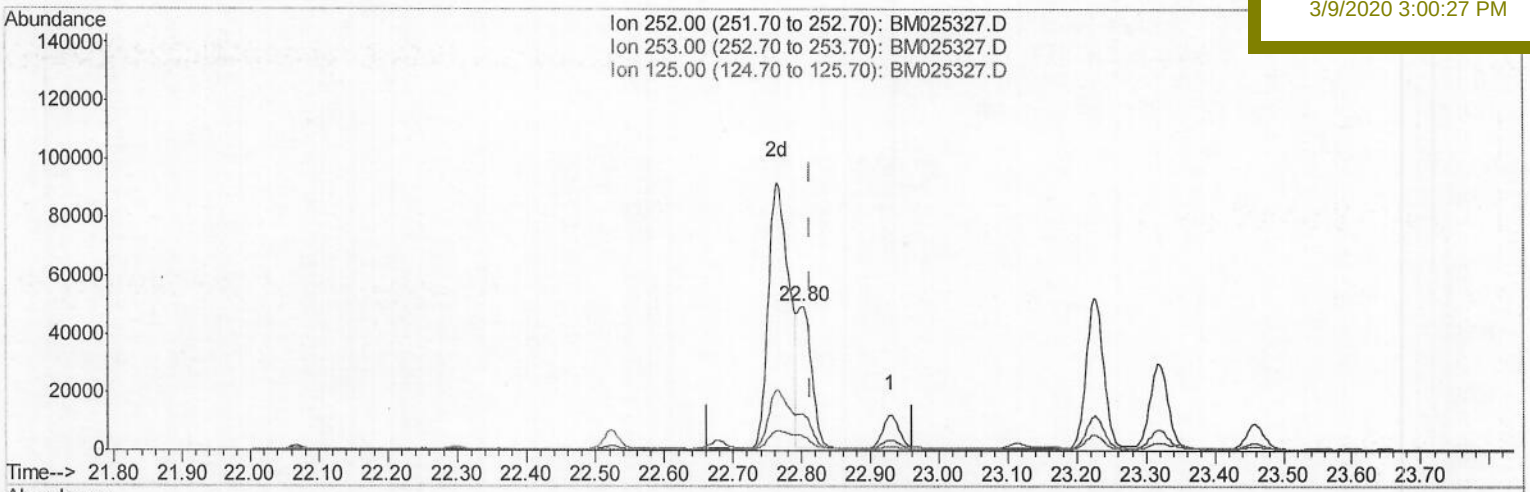
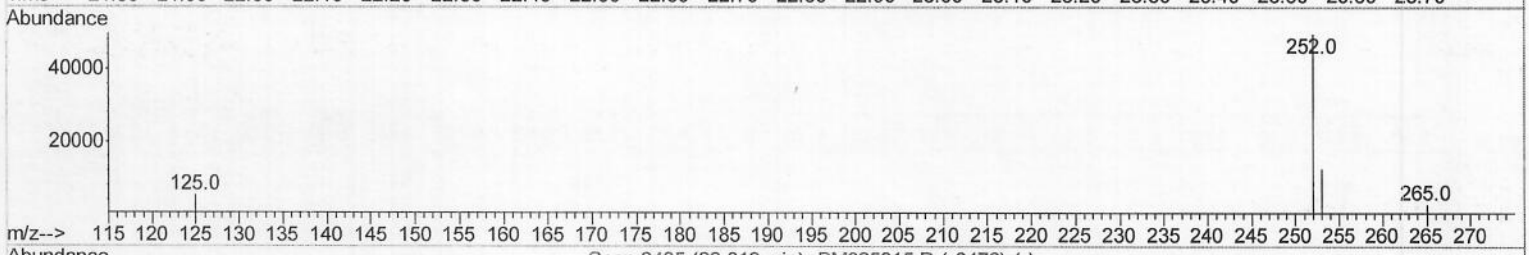
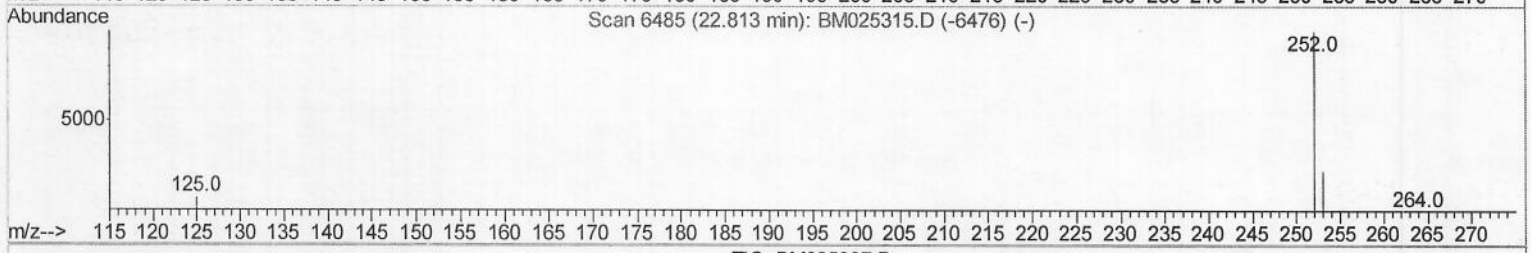
**Instrument :**
BNA_M
**ClientSampleId :**
DBDM3

**Manual Integrations APPROVED**
mohammad
3/9/2020 3:00:27 PM




TIC: BM025327.D

(22) Benzo(k)fluoranthene

22.801min (-0.011) 0.80ng/ul m JU 03/11/20

response 70895

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.20 | 25.20 |
| 125.00 | 13.40 | 10.30# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030620\
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Acq On : 07 Mar 2020 00:54
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**Manual Integrations APPROVED**
mohammad
3/9/2020 3:00:27 PM

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 3272 | 0.40 ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.44 | 136 | 14092 | 0.40 ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.30 | 164 | 10366 | 0.40 ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.04 | 188 | 25241 | 0.40 ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.22 | 240 | 24155 | 0.40 ng/ul | 0.00 |
| 20) Perylene-d12 | 23.41 | 264 | 21178 | 0.40 ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.03 | 152 | 1732 | 0.07 ng/ul | -0.01 |
| 14) Fluoranthene-d10 | 19.07 | 212 | 5641 | 0.07 ng/ul | 0.00 |
| **Target Compounds** | | | | | Qvalue |
| 3) Naphthalene | 10.49 | 128 | 2510 | 0.059 ng/ul# | 89 |
| 5) 2-Methylnaphthalene | 12.11 | 142 | 2510 | 0.081 ng/ul | 100 |
| 7) Acenaphthylene | 14.02 | 152 | 8222 | 0.169 ng/ul | 95 |
| 8) Acenaphthene | 14.36 | 153 | 1180 | 0.031 ng/ul | 96 |
| 9) Fluorene | 15.35 | 166 | 3369 | 0.071 ng/ul | 96 |
| 12) Phenanthrene | 17.08 | 178 | 22397 | 0.275 ng/ul | 96 |
| 13) Anthracene | 17.17 | 178 | 65303 | 0.904 ng/ul | 95 |
| 15) Fluoranthene | 19.10 | 202 | 35187 | 0.345 ng/ul | 96 |
| 17) Pyrene | 19.46 | 202 | 76208 | 0.832 ng/ul# | 94 |
| 18) Benzo(a)anthracene | 21.21 | 228 | 48645 | 0.548 ng/ul | 99 |
| 19) Chrysene | 21.26 | 228 | 82277m | 0.843 ng/ul | |
| 21) Benzo(b)fluoranthene | 22.76 | 252 | 193584m | 2.285 ng/ul | |
| 22) Benzo(k)fluoranthene | 22.80 | 252 | 70895m | 0.798 ng/ul | |
| 23) Benzo(a)pyrene | 23.32 | 252 | 54089 | 0.760 ng/ul# | 91 |
| 24) Indeno(1,2,3-cd)pyrene | 25.59 | 276 | 53654 | 0.605 ng/ul# | 100 |
| 25) Dibenzo(a,h)anthracene | 25.60 | 278 | 15340 | 0.209 ng/ul | 96 |
| 26) Benzo(g,h,i)perylene | 26.25 | 276 | 28296 | 0.376 ng/ul# | 93 |

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