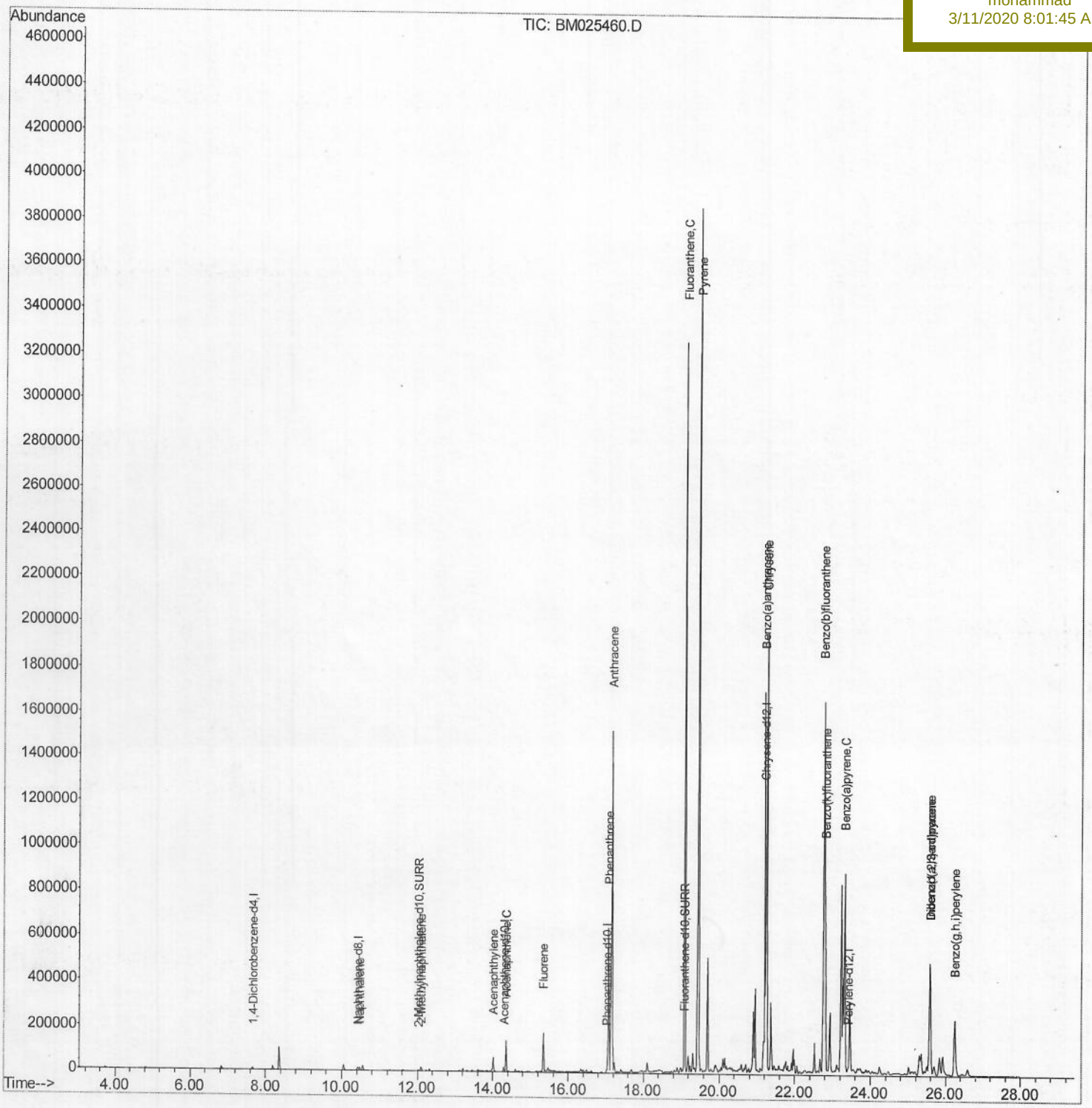
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025460.D
Acq On : 10 Mar 2020 19:38
Operator : CG/JU
Sample : L1617-20
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Mar 11 00:07:16 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 : Tue Mar 10 23:48:01 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBDT4

**Manual Integrations APPROVED**
mohammad
3/11/2020 8:01:45 AM



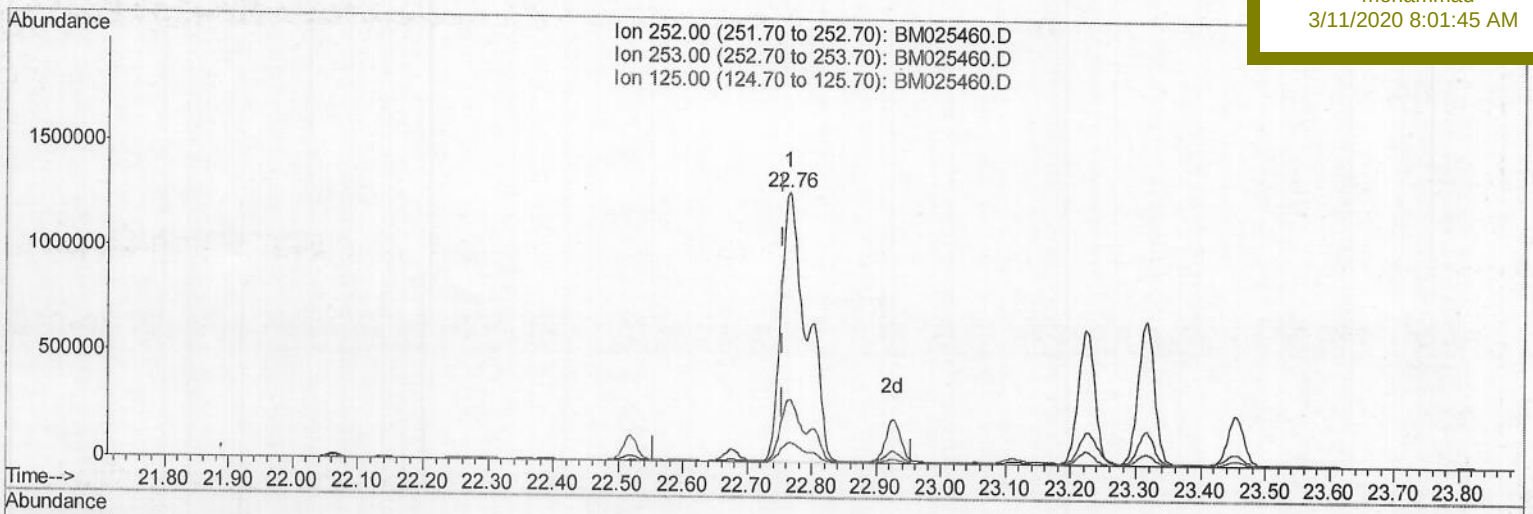
Quantitation Report (Qedit)

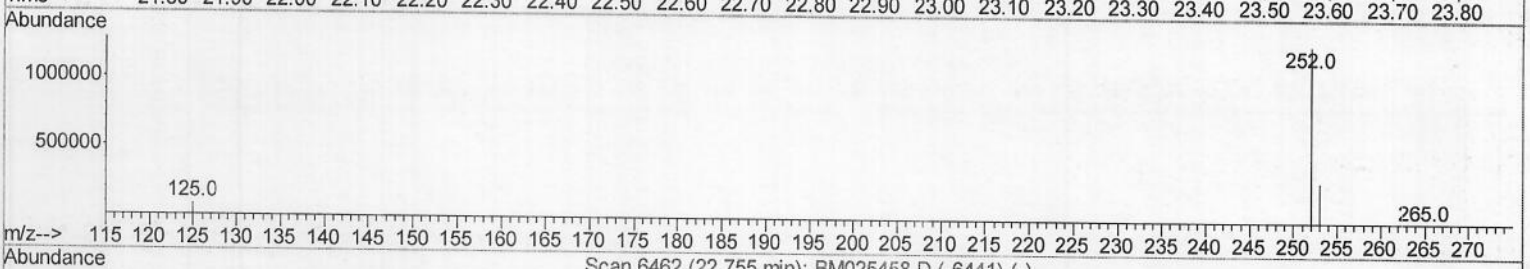
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025460.D
Acq On : 10 Mar 2020 19:38
Operator : CG/JU
Sample : L1617-20
Misc :
ALS Vial : 54 Sample Multiplier: 1

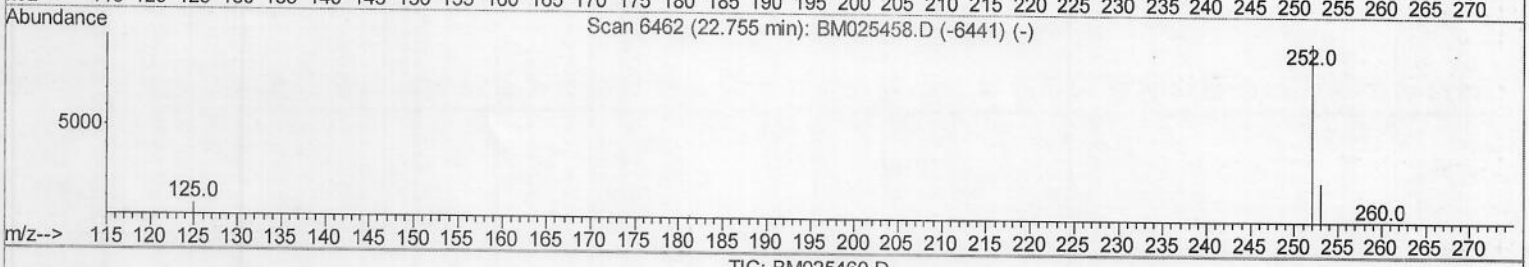
Quant Time: Mar 11 00:05:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 23:48:01 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBDT4

**Manual Integrations APPROVED**
mohammad
3/11/2020 8:01:45 AM




TIC: BM025460.D

(21) Benzo(b)fluoranthene

22.764min (+0.010) 46.95ng/ul

response 3560233

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 25.10 | 22.88 |
| 125.00 | 8.80 | 7.20 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
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Misc :
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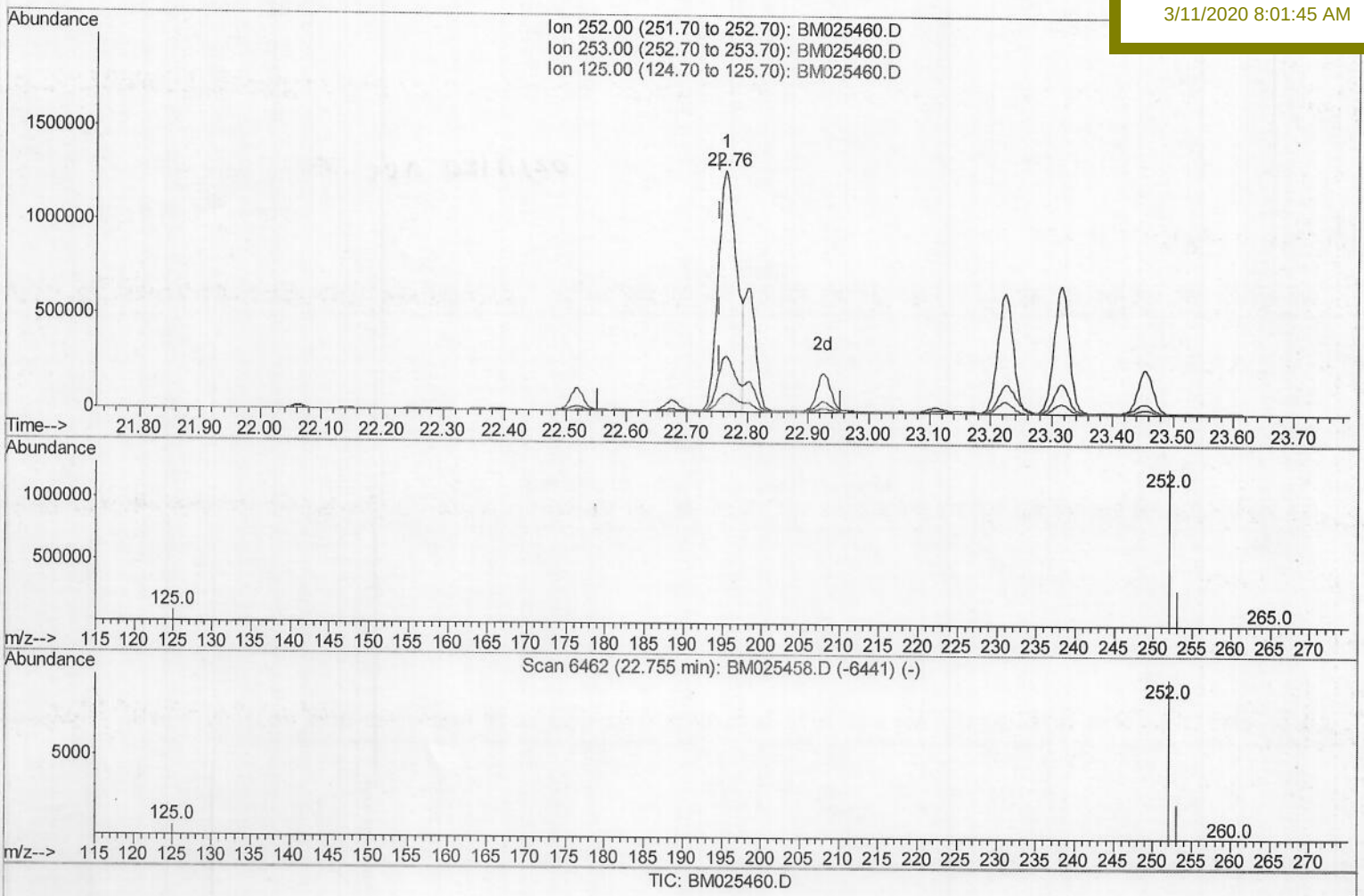
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 23:48:01 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBDT4

**Manual Integrations APPROVED**
mohammad
3/11/2020 8:01:45 AM










TIC: BM025460.D

(21) Benzo(b)fluoranthene

22.764min (+0.010) 35.00ng/ul m SV 03/11/20

response 2654271

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 25.10 | 22.88 |
| 125.00 | 8.80 | 7.20 |
| 0.00 | 0.00 | 0.00 |

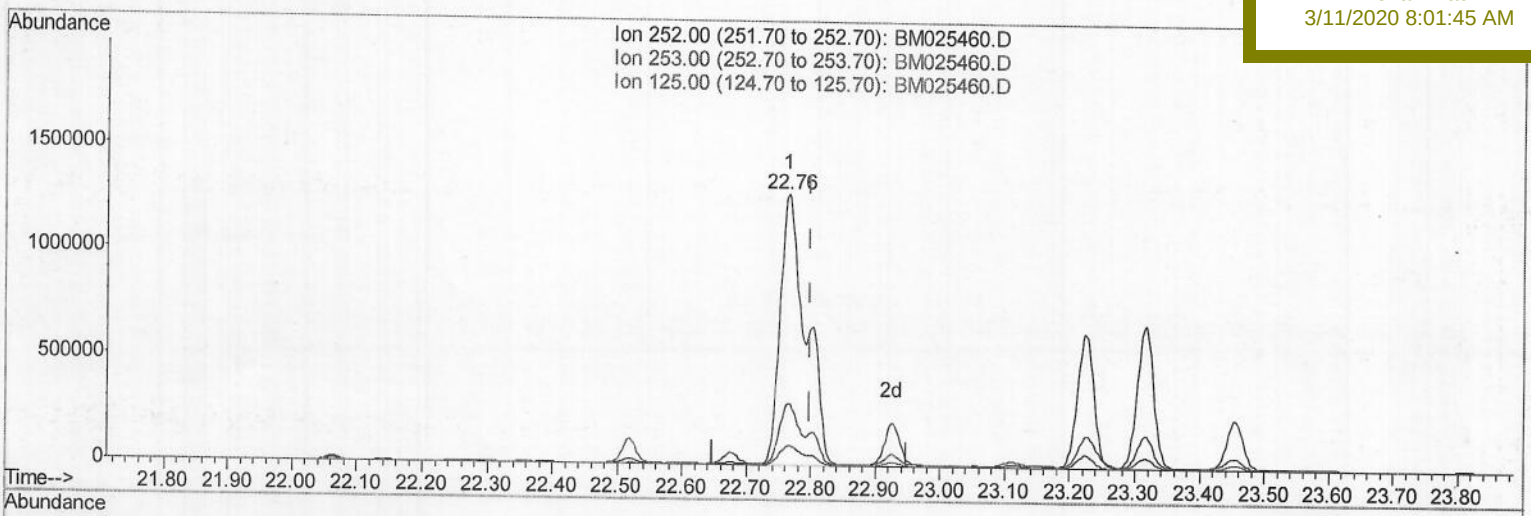
Quantitation Report (Qedit)

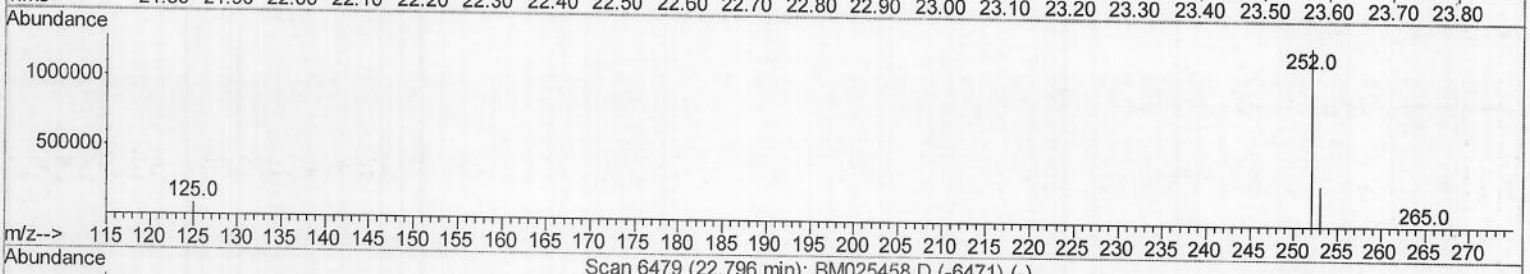
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025460.D
Acq On : 10 Mar 2020 19:38
Operator : CG/JU
Sample : L1617-20
Misc :
ALS Vial : 54 Sample Multiplier: 1

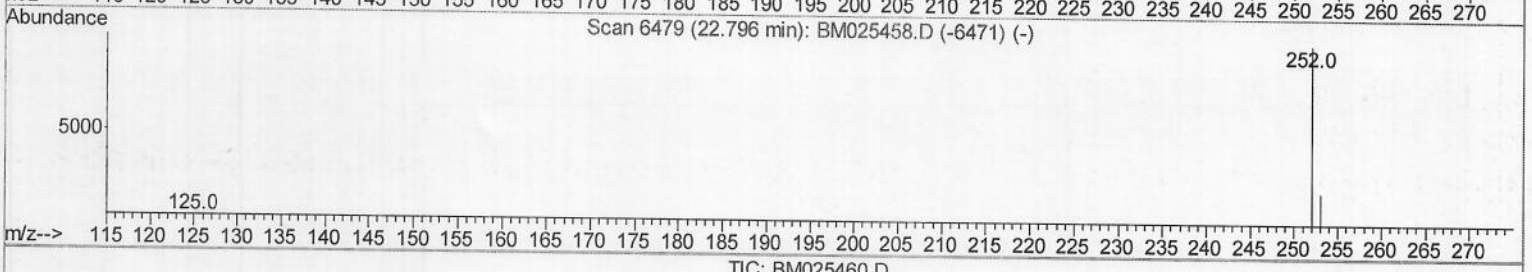
Quant Time: Mar 11 00:05:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 23:48:01 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBDT4

**Manual Integrations APPROVED**
mohammad
3/11/2020 8:01:45 AM




TIC: BM025460.D

(22) Benzo(k)fluoranthene

22.764min (-0.034) 44.81ng/ul

response 3560233

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.80 | 22.88 |
| 125.00 | 8.90 | 7.20 |
| 0.00 | 0.00 | 0.00 |

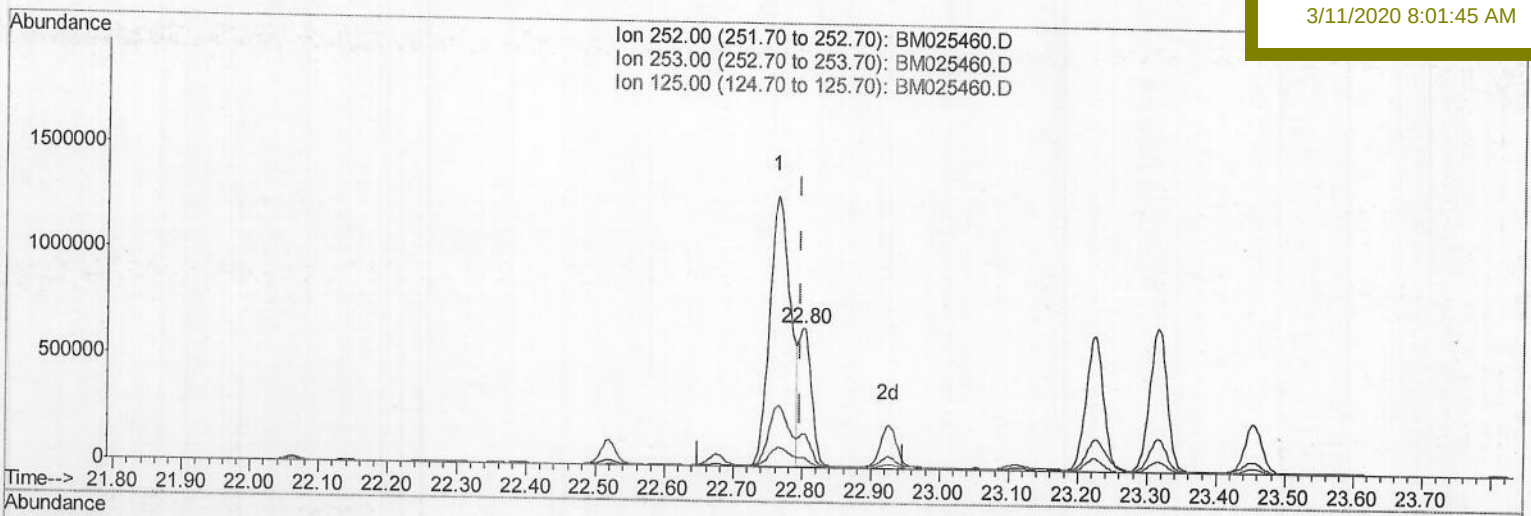
Quantitation Report (Qedit)

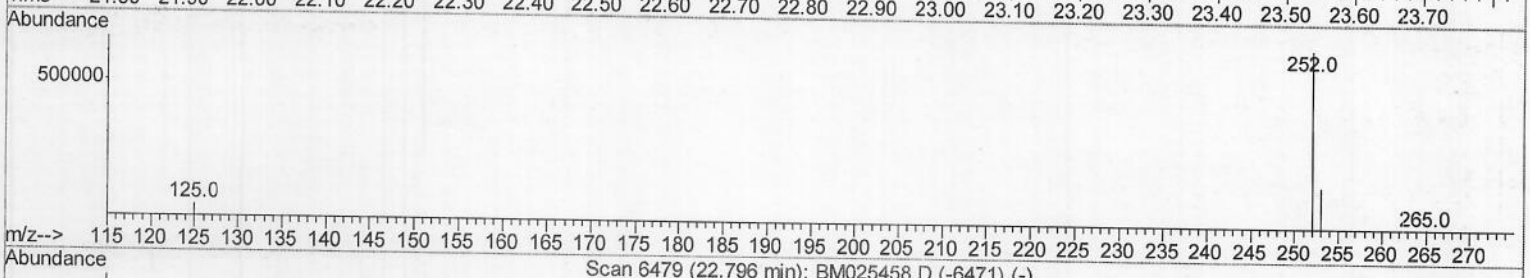
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025460.D
Acq On : 10 Mar 2020 19:38
Operator : CG/JU
Sample : L1617-20
Misc :
ALS Vial : 54 Sample Multiplier: 1

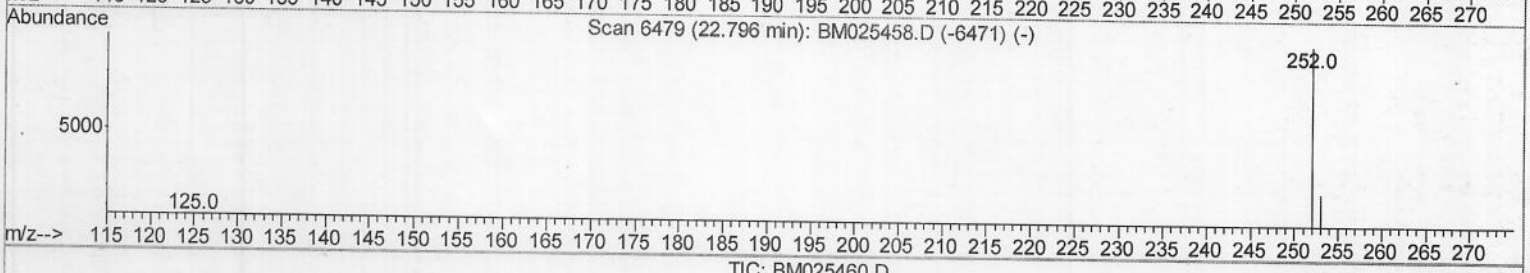
Quant Time: Mar 11 00:05:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 23:48:01 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBDT4

**Manual Integrations APPROVED**
mohammad
3/11/2020 8:01:45 AM




TIC: BM025460.D

(22) Benzo(k)fluoranthene

22.801min (+0.002) 10.77ng/ul m JSU 03/11/20

response 855454

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.80 | 23.67 |
| 125.00 | 8.90 | 7.22 |
| 0.00 | 0.00 | 0.00 |

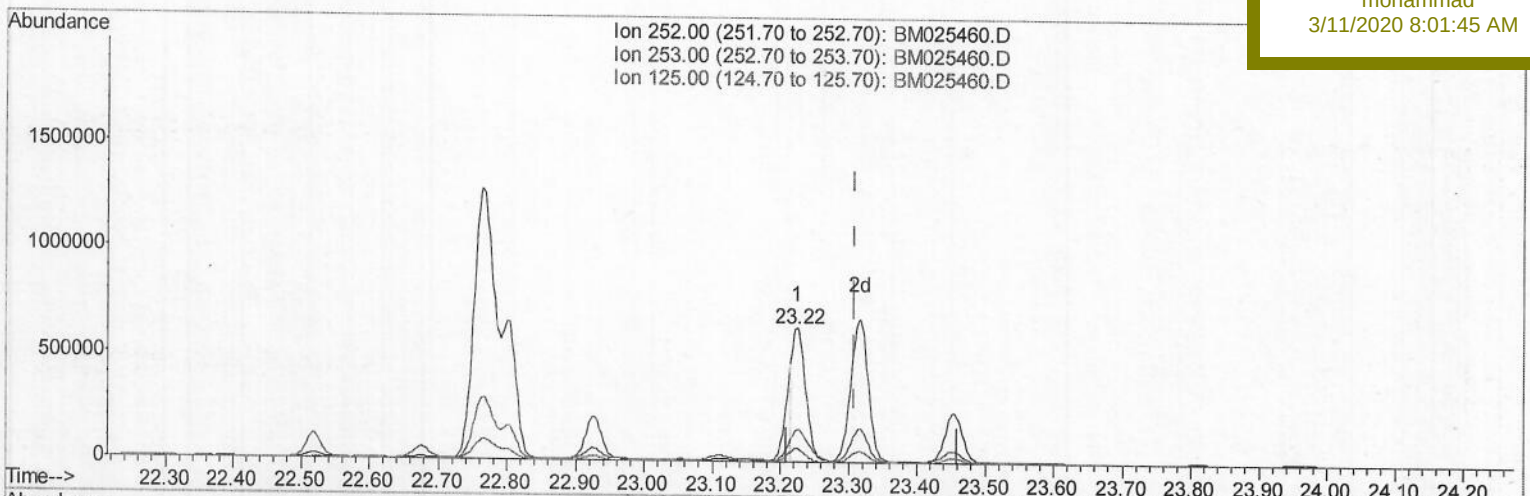
Quantitation Report (Qedit)

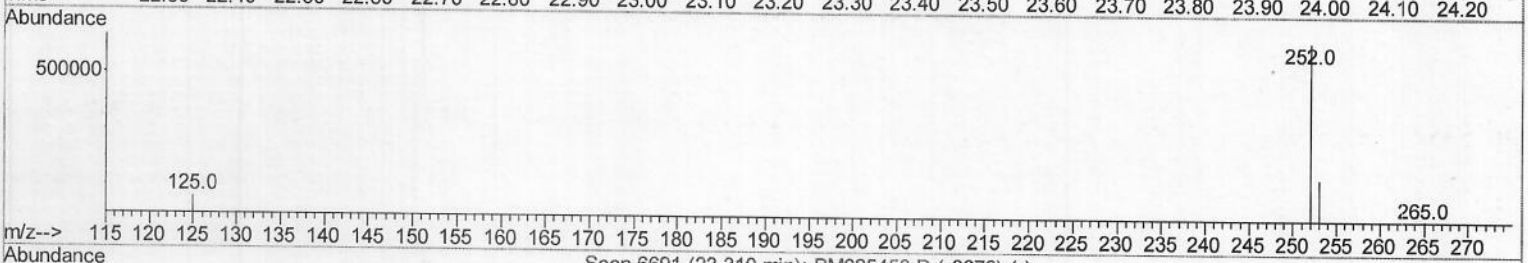
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025460.D
Acq On : 10 Mar 2020 19:38
Operator : CG/JU
Sample : L1617-20
Misc :
ALS Vial : 54 Sample Multiplier: 1

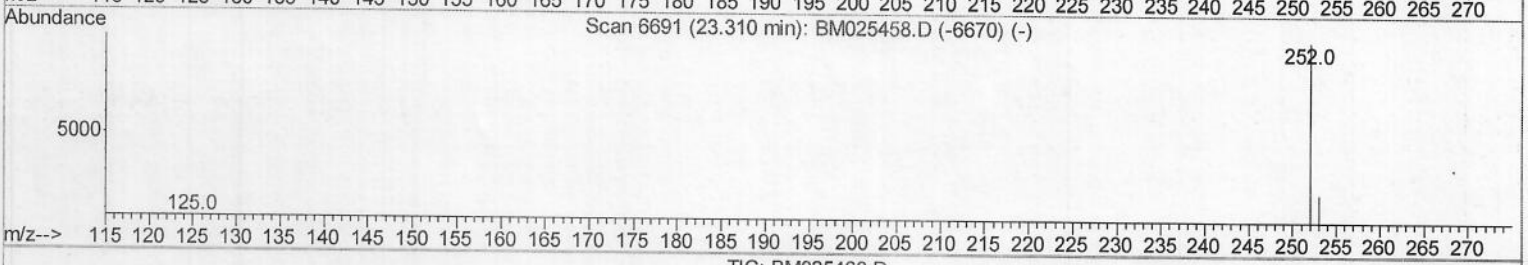
Quant Time: Mar 11 00:05:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 23:48:01 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBDT4

**Manual Integrations APPROVED**
mohammad
3/11/2020 8:01:45 AM




TIC: BM025460.D

(23) Benzo(a)pyrene (C)

23.225min (-0.085) 13.13ng/ul

response 827015

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.60 | 23.66 |
| 125.00 | 10.60 | 9.85 |
| 0.00 | 0.00 | 0.00 |

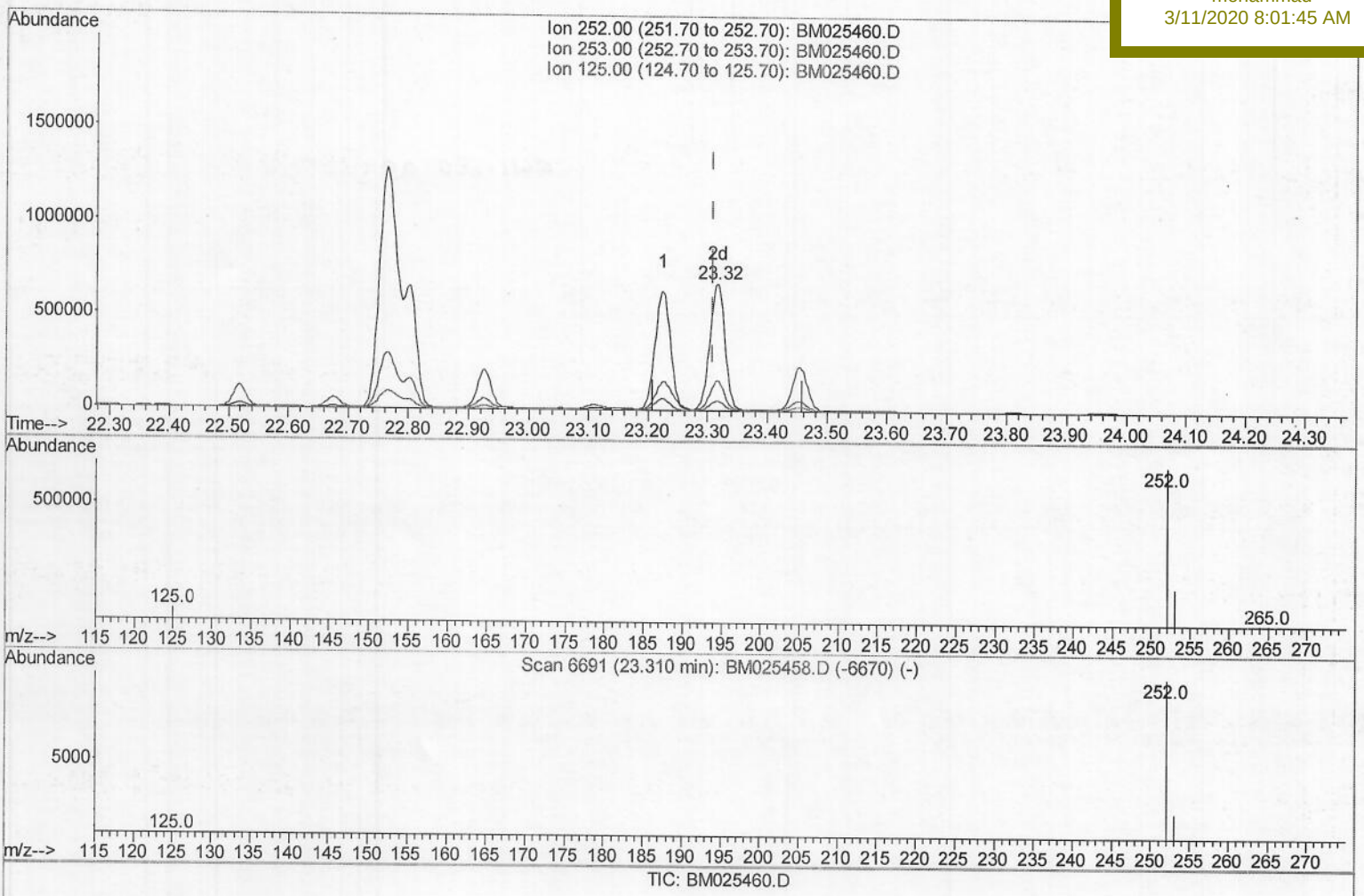
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025460.D
Acq On : 10 Mar 2020 19:38
Operator : CG/JU
Sample : L1617-20
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Mar 11 00:05:44 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 : Tue Mar 10 23:48:01 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBDT4

**Manual Integrations APPROVED**
mohammad
3/11/2020 8:01:45 AM




TIC: BM025460.D

(23) Benzo(a)pyrene (C)

23.317min (+0.007) 18.75ng/ul m SDV 03/11/20

response 1180566

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.60 | 23.14 |
| 125.00 | 10.60 | 7.63# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\
Data File : BM025460.D
Acq On : 10 Mar 2020 19:38
Operator : CG/JU
Sample : L1617-20
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Mar 11 00:07:16 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 : Tue Mar 10 23:48:01 2020
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** DBDT4

**Manual Integrations APPROVED**
mohammad
3/11/2020 8:01:45 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 3491 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.43 | 136 | 15307 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.29 | 164 | 10230 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.03 | 188 | 20927 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.22 | 240 | 16295 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.41 | 264 | 19151 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.02 | 152 | 3486 | 0.13 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.06 | 212 | 7908 | 0.14 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.48 | 128 | 16973 | 0.375 | ng/ul | 99 |
| 5) 2-Methylnaphthalene | 12.10 | 142 | 12502 | 0.386 | ng/ul | 100 |
| 7) Acenaphthylene | 14.00 | 152 | 59235 | 1.417 | ng/ul | 99 |
| 8) Acenaphthene | 14.35 | 153 | 79361 | 2.165 | ng/ul | 99 |
| 9) Fluorene | 15.34 | 166 | 108304 | 2.424 | ng/ul | 100 |
| 12) Phenanthrene | 17.07 | 178 | 656244 | 9.895 | ng/ul | 100 |
| 13) Anthracene | 17.17 | 178 | 1561697 | 27.059 | ng/ul | 99 |
| 15) Fluoranthene | 19.09 | 202 | 2819385 | 39.217 | ng/ul | 98 |
| 17) Pyrene | 19.46 | 202 | 3275619 | 44.786 | ng/ul | 99 |
| 18) Benzo(a)anthracene | 21.21 | 228 | 1490130 | 25.578 | ng/ul | 97 |
| 19) Chrysene | 21.26 | 228 | 2027905 | 30.997 | ng/ul | 98 |
| 21) Benzo(b)fluoranthene | 22.76 | 252 | 2654271m | 35.001 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.80 | 252 | 855454m | 10.766 | ng/ul | |
| 23) Benzo(a)pyrene | 23.32 | 252 | 1180566m | 18.747 | ng/ul | |
| 24) Indeno(1,2,3-cd)pyrene | 25.58 | 276 | 778599 | 9.113 | ng/ul# | 99 |
| 25) Dibenzo(a,h)anthracene | 25.59 | 278 | 212374 | 2.955 | ng/ul | 97 |
| 26) Benzo(g,h,i)perylene | 26.24 | 276 | 507270 | 6.845 | ng/ul | 98 |

JU 03/11/20

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