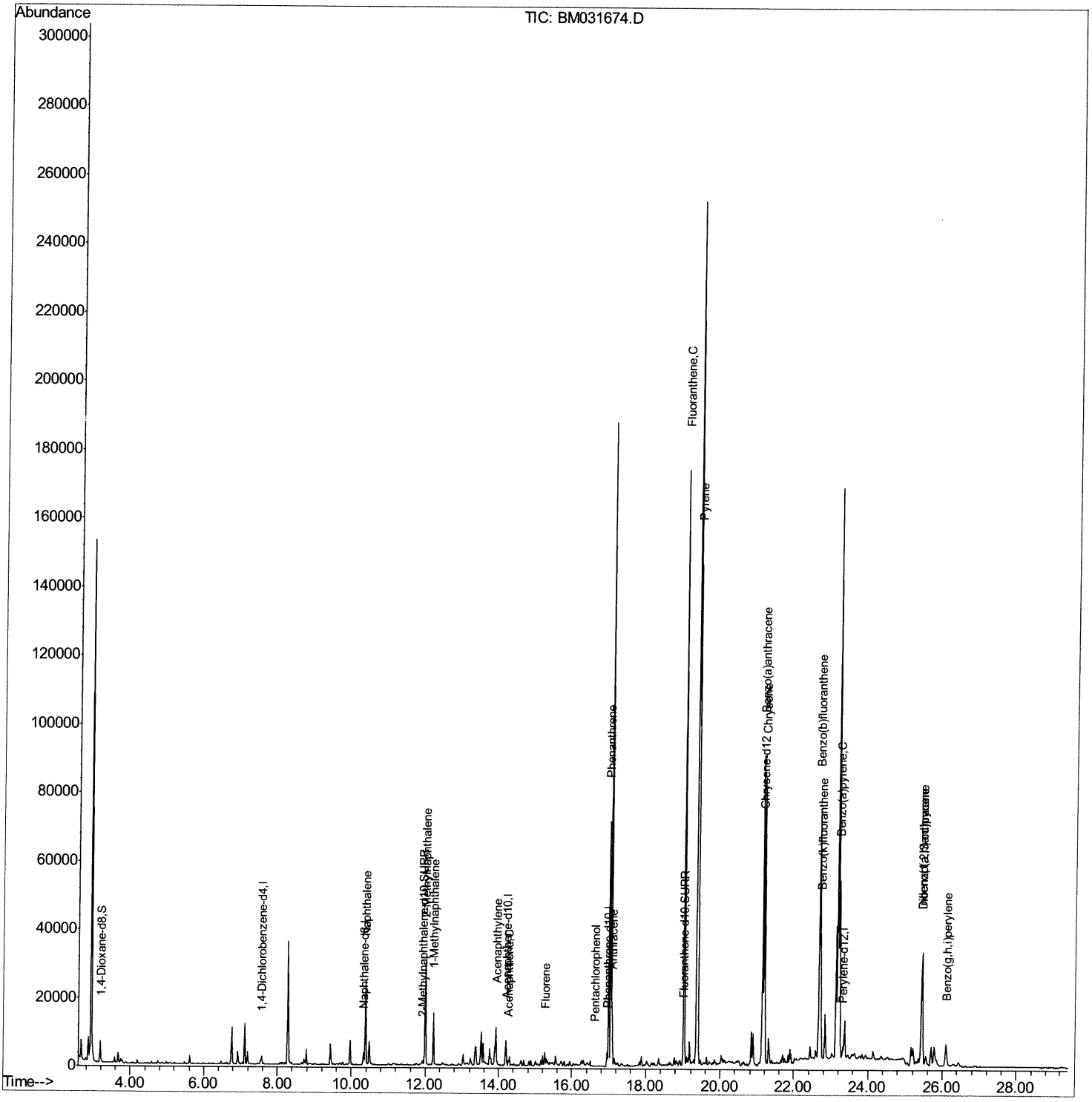
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031674.D
Acq On : 12 Aug 2021 13:08
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 12 13:39:55 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 : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00D1

**Manual Integrations APPROVED**
mohammad
8/13/2021 5:13:48 PM



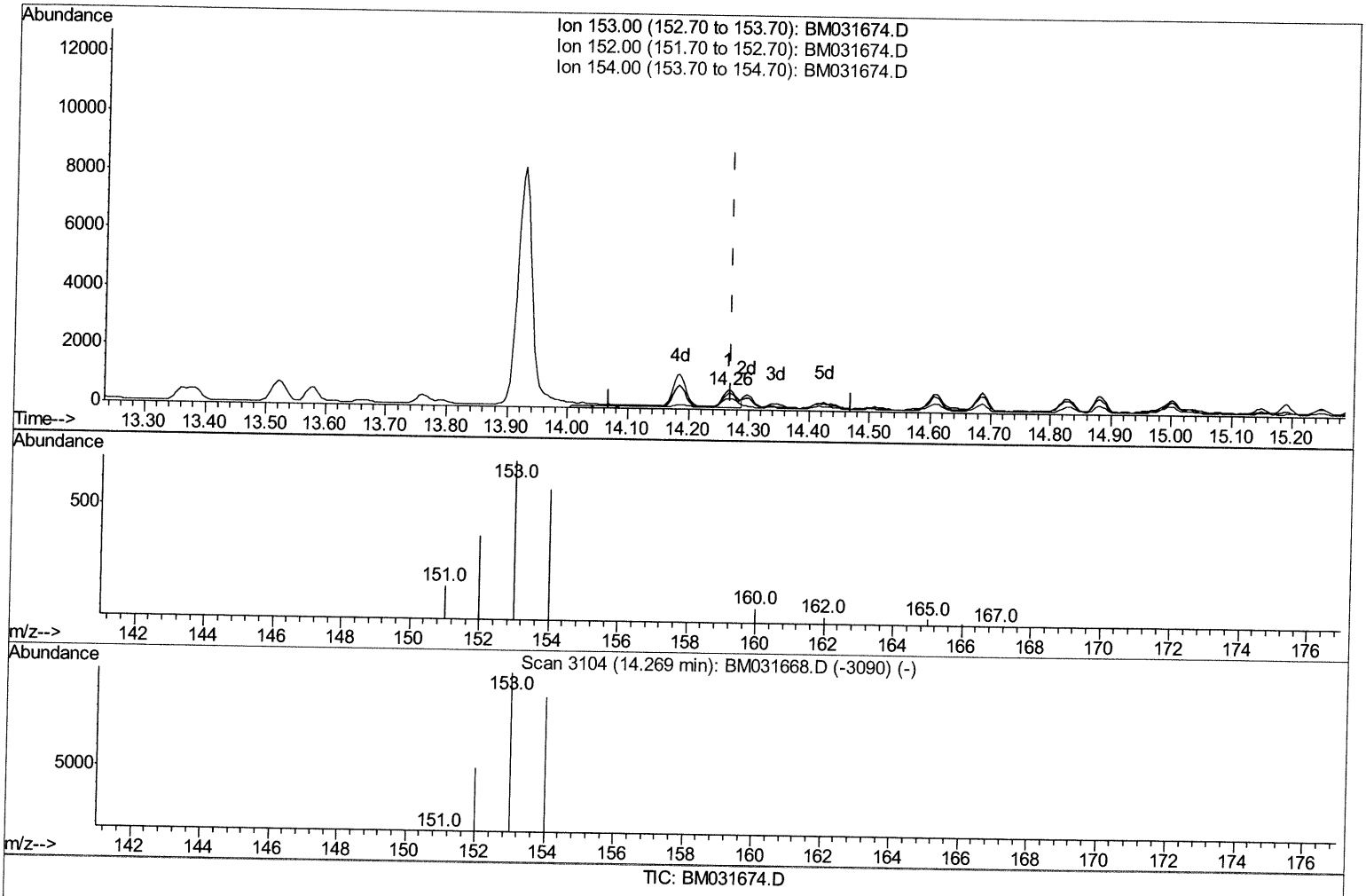
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031674.D
Acq On : 12 Aug 2021 13:08
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 12 13:38:21 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 : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00D1

**Manual Integrations APPROVED**
mohammad
8/13/2021 5:13:48 PM




(11) Acenaphthene (C)

14.265min (-0.004) 0.10ng/ul

response 996

| Ion | Exp% | Act% |
|---|---|---|
| 153.00 | 100 | 100 |
| 152.00 | 50.90 | 57.12 |
| 154.00 | 87.70 | 83.70 |
| 0.00 | 0.00 | 0.00 |

# Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031674.D
Acq On : 12 Aug 2021 13:08
Operator : CG/JU
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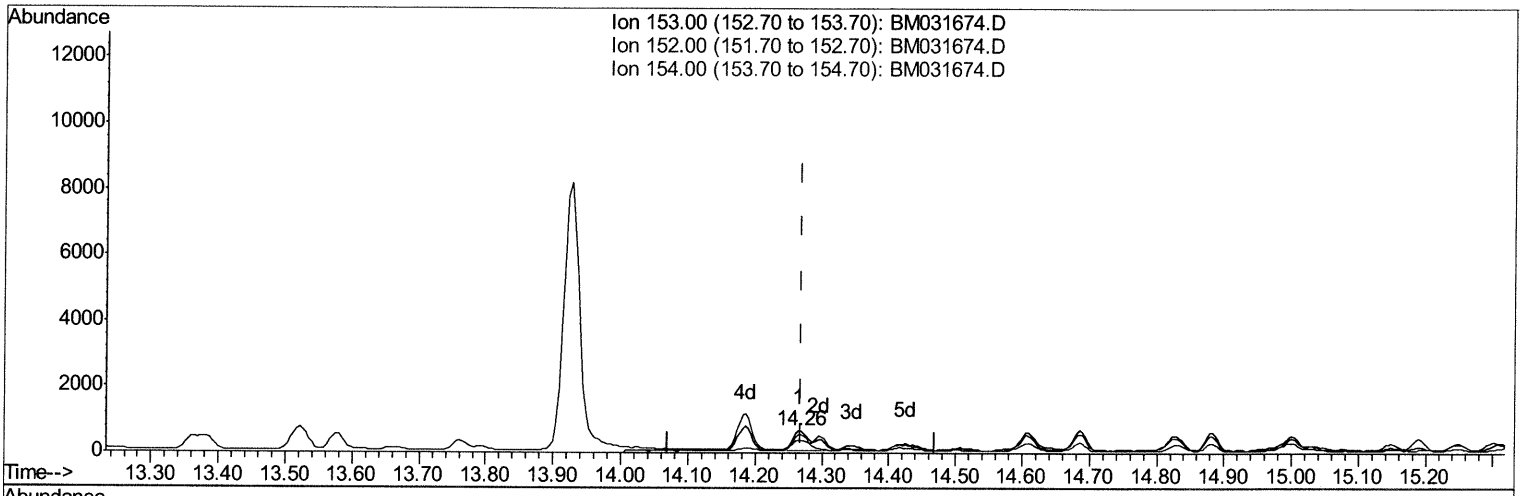
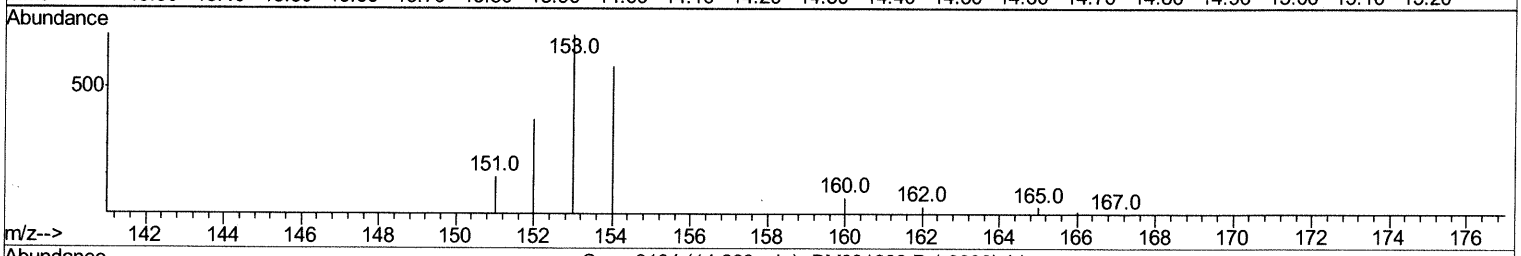
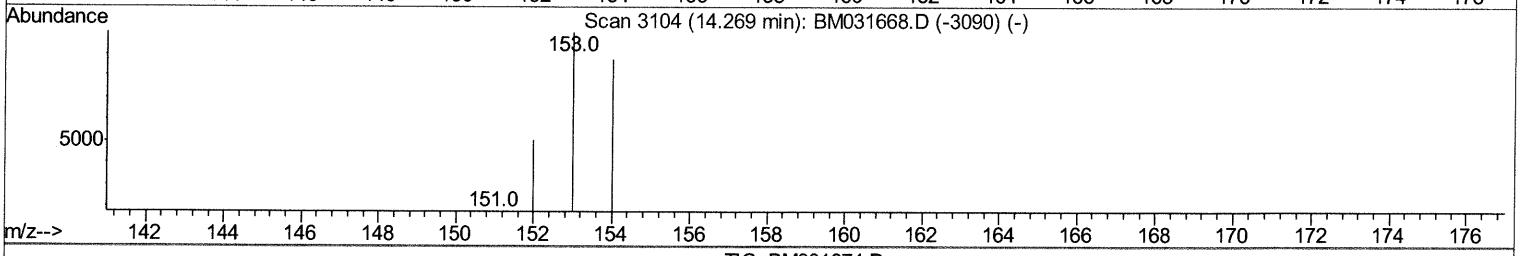
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00D1

**Manual Integrations APPROVED**
mohammad
8/13/2021 5:13:48 PM




TIC: BM031674.D

(11) Acenaphthene (C)

14.265min (-0.004) 0.14ng/ul m 08/16/21 JU

response 1421

| Ion | Exp% | Act% |
|---|---|---|
| 153.00 | 100 | 100 |
| 152.00 | 50.90 | 57.12 |
| 154.00 | 87.70 | 83.70 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031674.D
Acq On : 12 Aug 2021 13:08
Operator : CG/JU
Sample : M3182-13
Misc :
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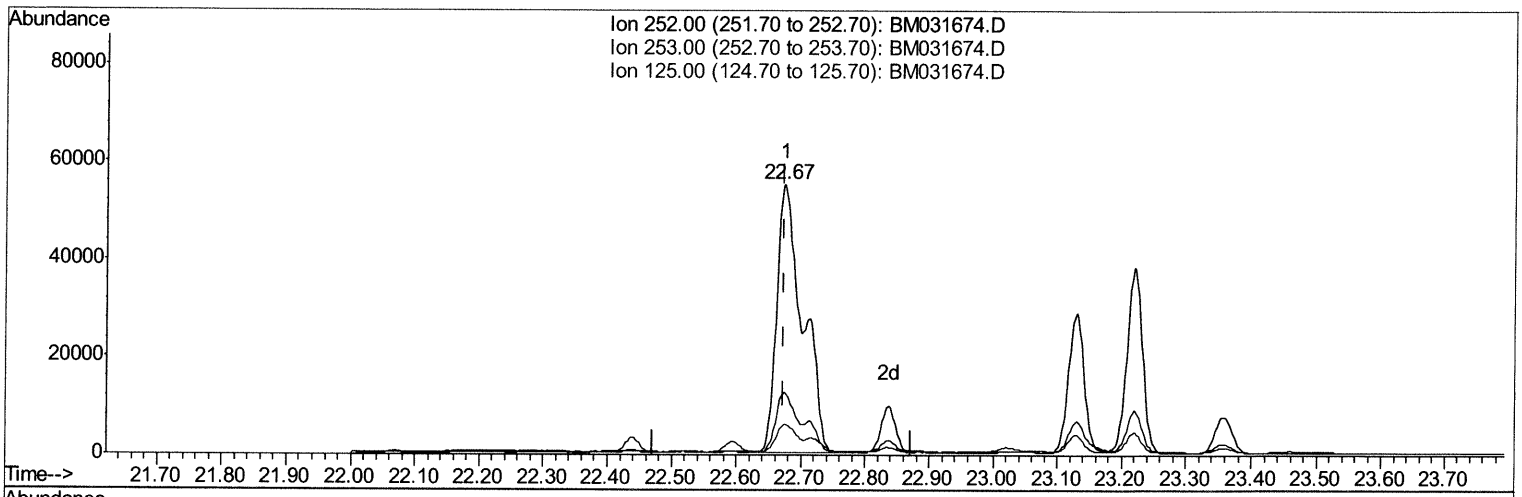
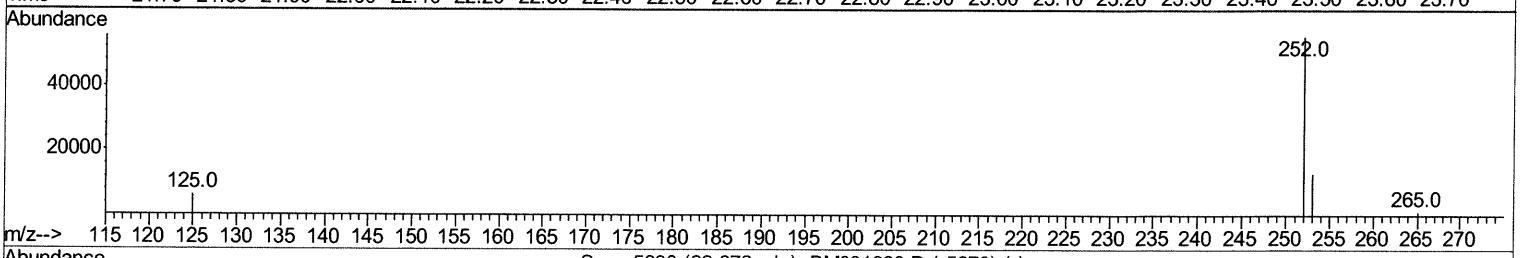
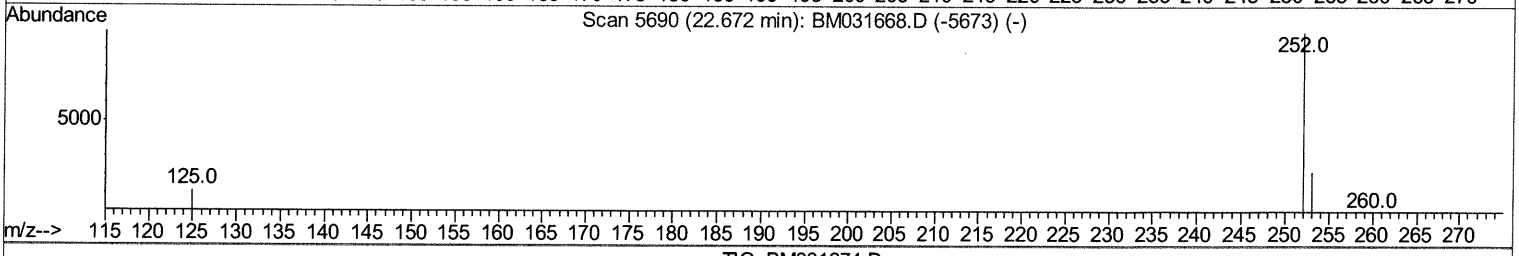
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00D1

**Manual Integrations APPROVED**
mohammad
8/13/2021 5:13:48 PM




TIC: BM031674.D

(24) Benzo(b)fluoranthene

22.674min (+0.002) 8.99ng/ul

response 153980

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.50 | 23.23 |
| 125.00 | 11.40 | 11.20 |
| 0.00 | 0.00 | 0.00 |

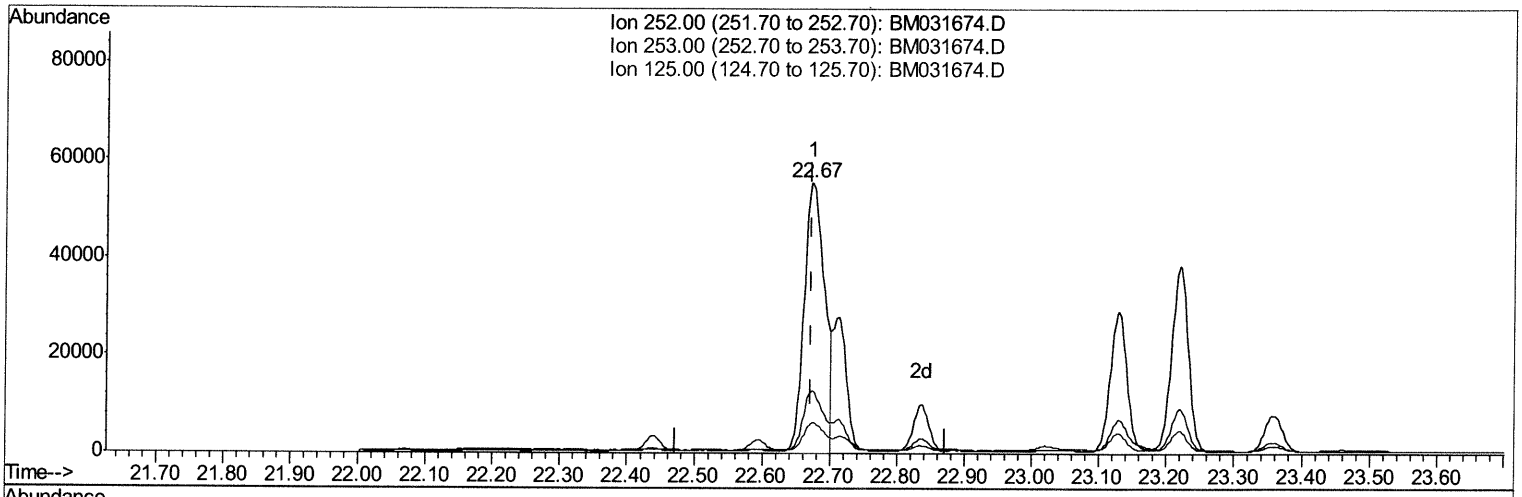
# Quantitation Report (Qedit)

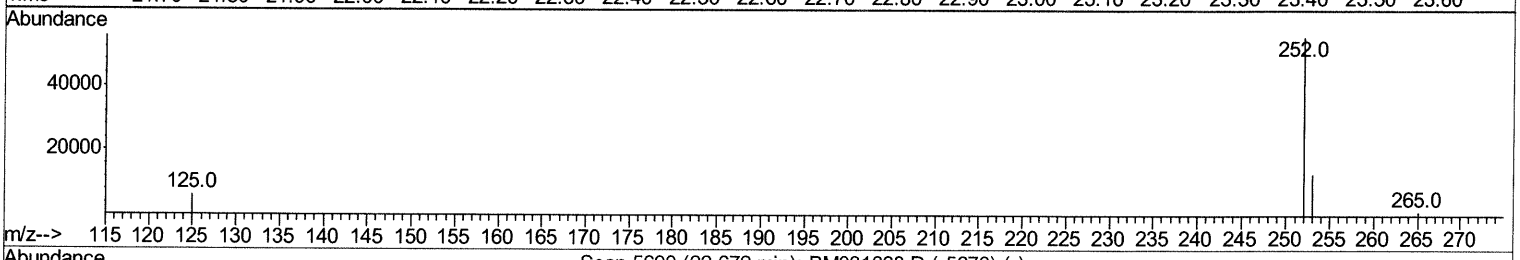
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031674.D
Acq On : 12 Aug 2021 13:08
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

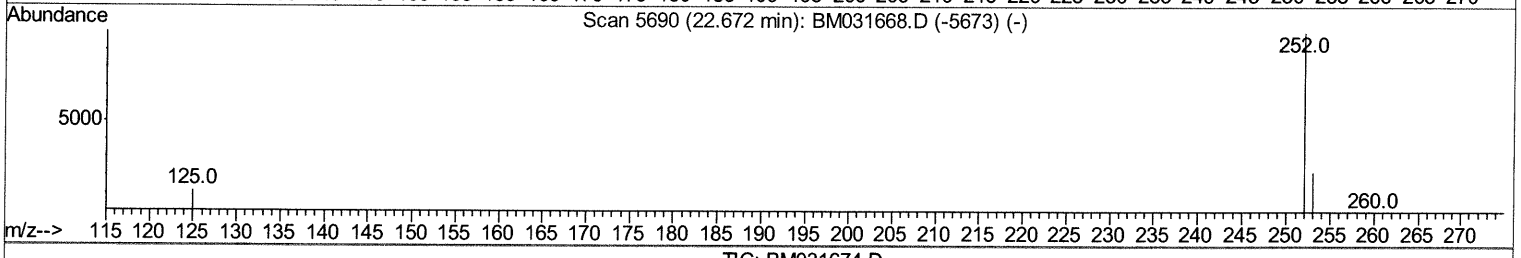
Quant Time: Aug 12 13:38:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00D1

**Manual Integrations APPROVED**
mohammad
8/13/2021 5:13:48 PM




TIC: BM031674.D

(24) Benzo(b)fluoranthene

22.674min (+0.002) 6.75ng/ul m 08/16/21JU

response 115666

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.50 | 23.23 |
| 125.00 | 11.40 | 11.20 |
| 0.00 | 0.00 | 0.00 |

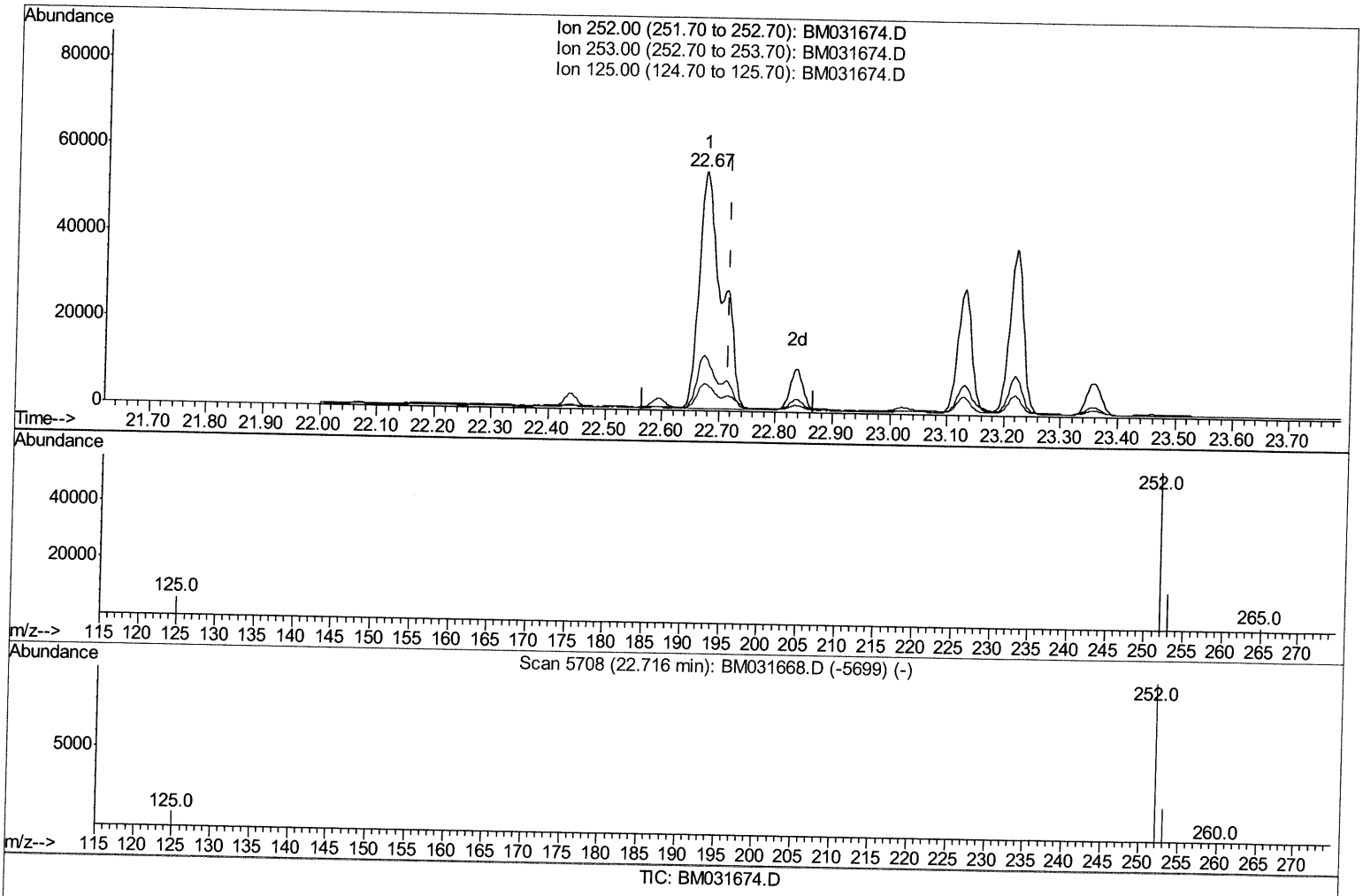
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031674.D
Acq On : 12 Aug 2021 13:08
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 12 13:38:21 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 : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00D1

**Manual Integrations APPROVED**
mohammad
8/13/2021 5:13:48 PM




TIC: BM031674.D

(25) Benzo(k)fluoranthene

22.674min (-0.042) 8.70ng/ul

response 153980

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.60 | 23.23 |
| 125.00 | 11.00 | 11.20 |
| 0.00 | 0.00 | 0.00 |

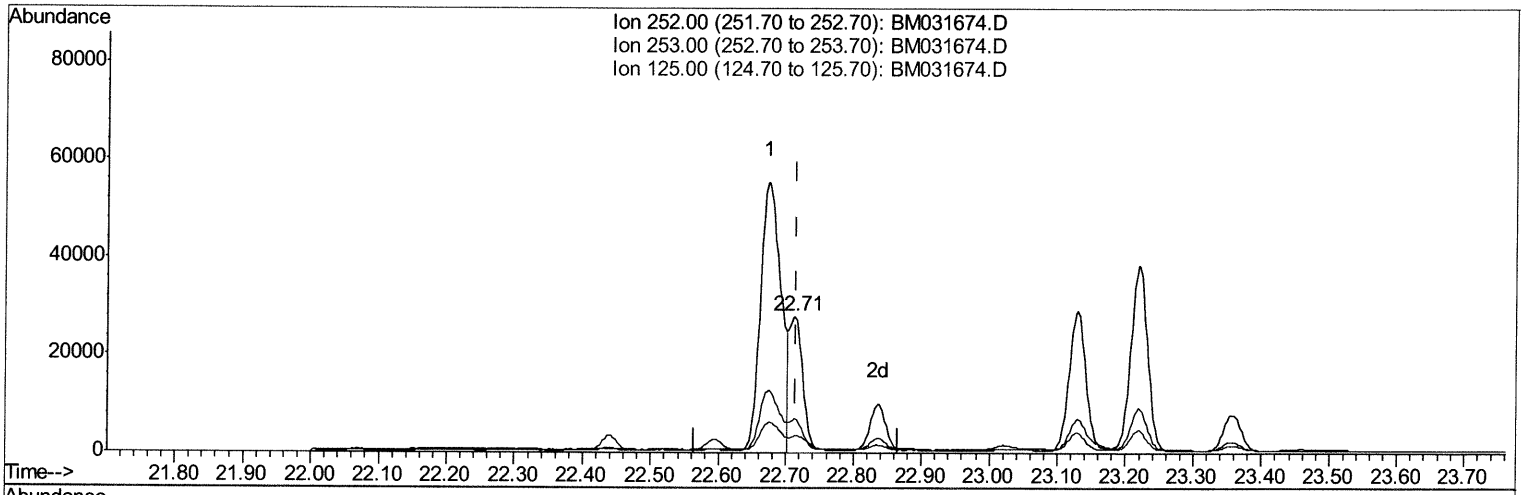
Quantitation Report (Qedit)

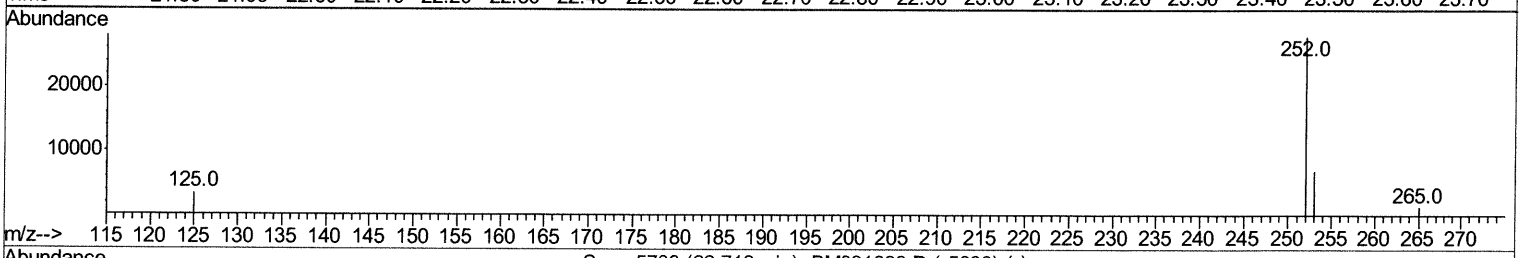
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031674.D
Acq On : 12 Aug 2021 13:08
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

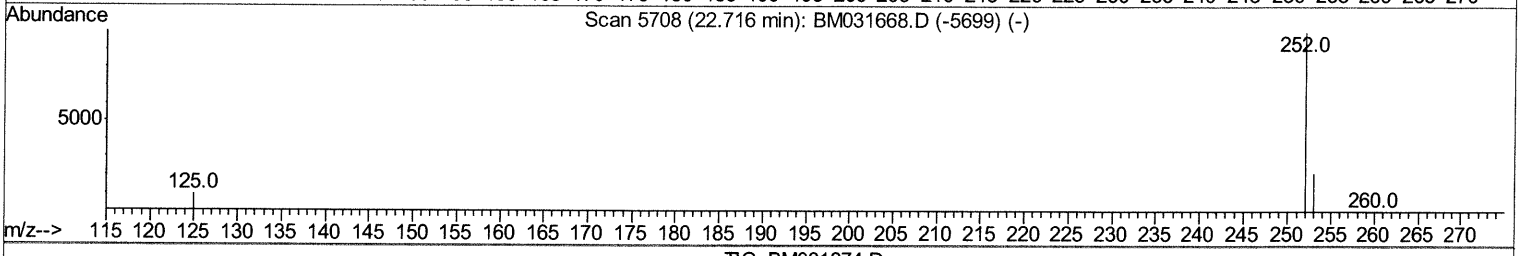
Quant Time: Aug 12 13:38:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C00D1

**Manual Integrations APPROVED**
mohammad
8/13/2021 5:13:48 PM




TIC: BM031674.D

(25) Benzo(k)fluoranthene

22.713min (-0.003) 2.34ng/ul m 08/16/21 JU

response 41462

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 26.60 | 24.80 |
| 125.00 | 11.00 | 12.25 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031674.D
Acq On : 12 Aug 2021 13:08
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00D1

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:48 PM

Quant Time: Aug 12 13:39:55 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 : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 1234 | 0.40 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.33 | 136 | 4579 | 0.40 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.20 | 164 | 2810 | 0.40 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.96 | 188 | 4950 | 0.40 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.16 | 240 | 3928 | 0.40 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.31 | 264 | 3801 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.18 | 96 | 3943 | 2.88 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.92 | 152 | 1618 | 0.21 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.99 | 212 | 3191 | 0.24 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 5) Naphthalene | 10.38 | 128 | 33409 | 2.449 | ng/ul | 97 |
| 7) 2-Methylnaphthalene | 12.00 | 142 | 21140 | 2.269 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.22 | 142 | 10434 | 1.133 | ng/ul | 100 |
| 10) Acenaphthylene | 13.93 | 152 | 13107 | 1.095 | ng/ul | 98 |
| 11) Acenaphthene | 14.26 | 153 | 1421m> | 0.141 | ng/ul> | 98 08/16/21 JU |
| 12) Fluorene | 15.26 | 166 | 2107 | 0.182 | ng/ul# | 90 |
| 14) Pentachlorophenol | 16.61 | 266 | 45 | 0.028 | ng/ul# | 89 |
| 15) Phenanthrene | 17.00 | 178 | 73260 | 4.661 | ng/ul | 98 |
| 16) Anthracene | 17.09 | 178 | 14667 | 0.997 | ng/ul | 99 |
| 19) Fluoranthene | 19.02 | 202 | 146584 | 8.739 | ng/ul | 97 |
| 20) Pyrene | 19.39 | 202 | 123390 | 7.253 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.14 | 228 | 72286 | 4.557 | ng/ul | 96 |
| 22) Chrysene | 21.19 | 228 | 83400 | 5.082 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 22.67 | 252 | 115666m> | 6.754 | ng/ul> | 08/16/21 JU |
| 25) Benzo(k)fluoranthene | 22.71 | 252 | 41462m> | 2.343 | ng/ul> | |
| 26) Benzo(a)pyrene | 23.22 | 252 | 65479 | 4.366 | ng/ul# | 92 |
| 27) Indeno(1,2,3-cd)pyrene | 25.45 | 276 | 49426 | 2.549 | ng/ul# | 99 |
| 28) Dibenzo(a,h)anthracene | 25.45 | 278 | 12378 | 0.792 | ng/ul# | 93 |
| 29) Benzo(g,h,i)perylene | 26.10 | 276 | 12895 | 0.780 | ng/ul | 94 |

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