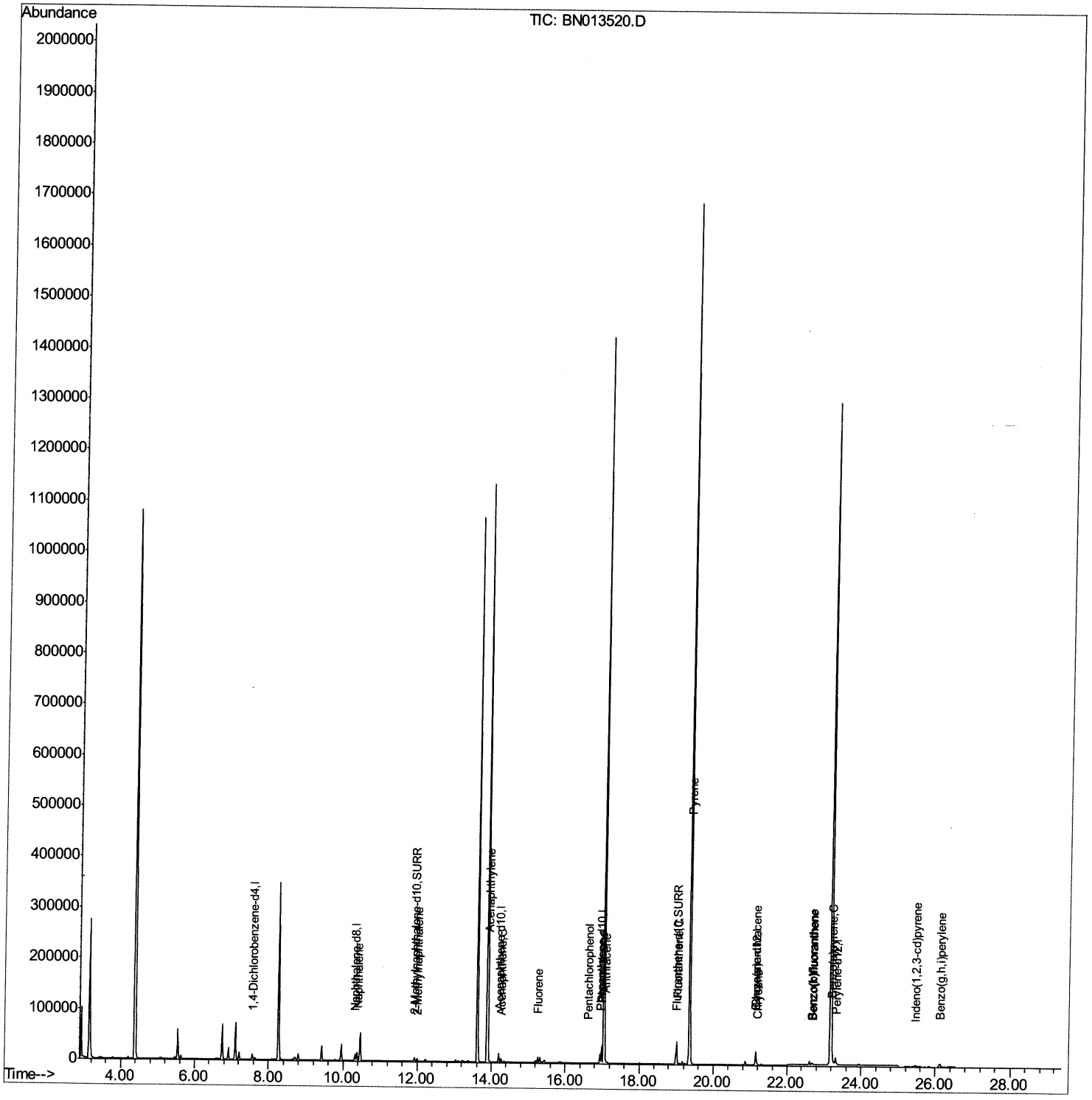
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013520.D
Acq On : 27 Jan 2021 23:42
Operator : CG/JU
Sample : M1099-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 28 02:56:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 23:35:53 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
F1C02

**Manual Integrations APPROVED**
mohammad
1/28/2021 11:44:48 AM



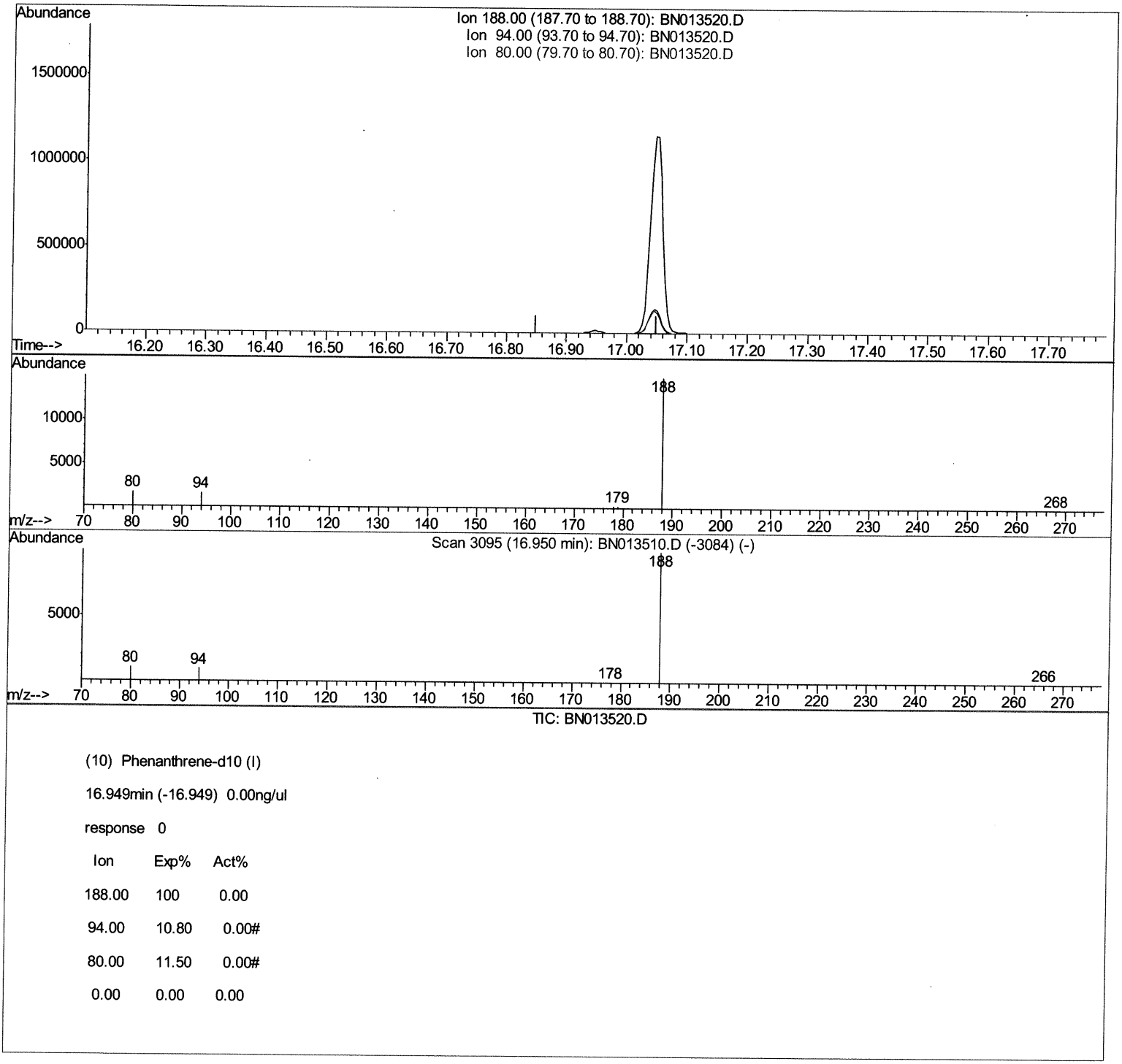
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013520.D
Acq On : 27 Jan 2021 23:42
Operator : CG/JU
Sample : M1099-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 28 02:23:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 23:35:53 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
F1C02

**Manual Integrations APPROVED**
mohammad
1/28/2021 11:44:48 AM




(10) Phenanthrene-d10 (I)

16.949min (-16.949) 0.00ng/ul

response 0

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 0.00 |
| 94.00 | 10.80 | 0.00# |
| 80.00 | 11.50 | 0.00# |
| 0.00 | 0.00 | 0.00 |

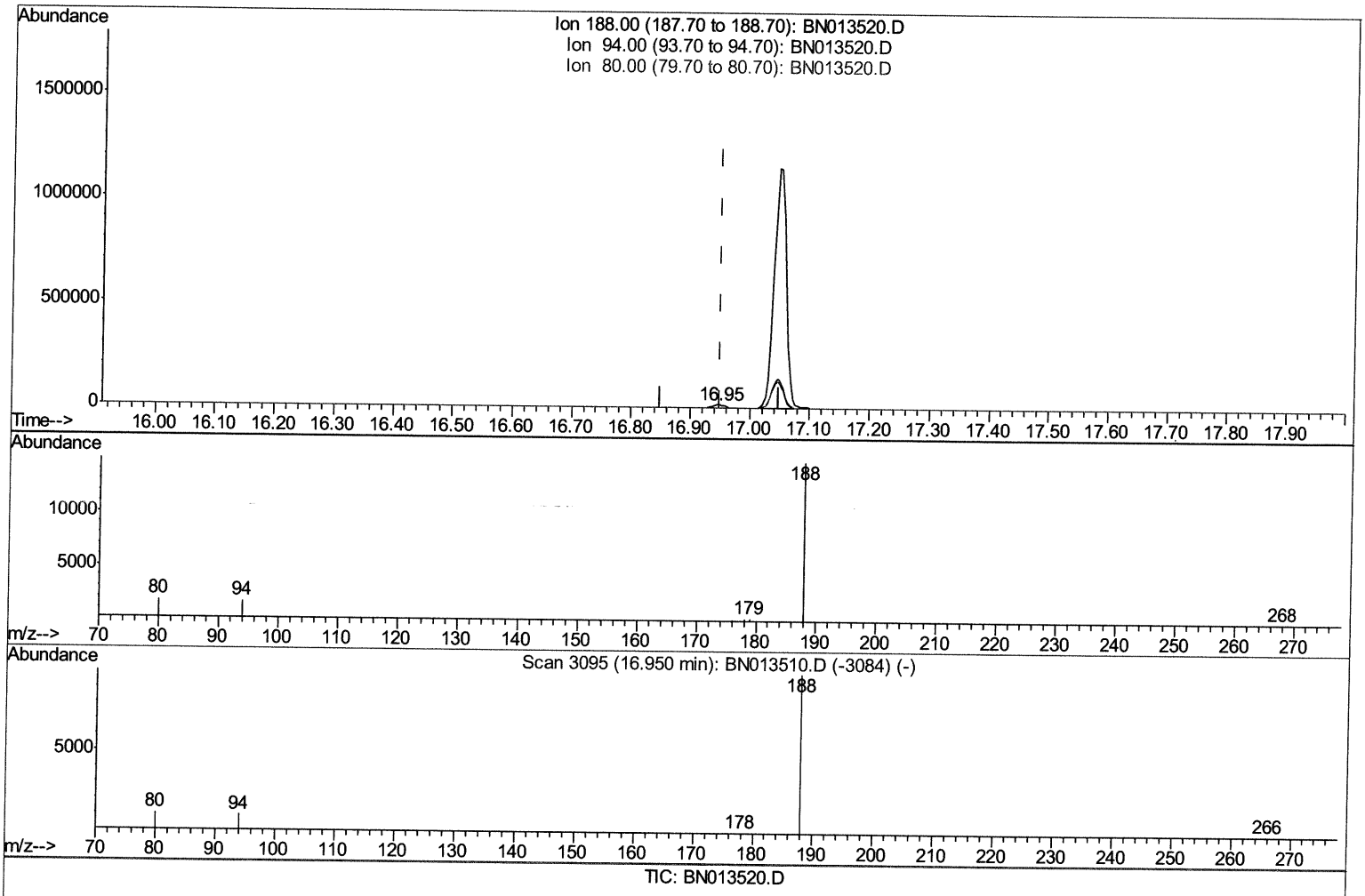
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013520.D
Acq On : 27 Jan 2021 23:42
Operator : CG/JU
Sample : M1099-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 28 02:23:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 23:35:53 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
F1C02

**Manual Integrations APPROVED**
mohammad
1/28/2021 11:44:48 AM




TIC: BN013520.D

(10) Phenanthrene-d10 (I)

16.949min (-0.000) 0.40ng/ul m 01/28/21JU

response 19813

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 10.80 | 10.84 |
| 80.00 | 11.50 | 11.42 |
| 0.00 | 0.00 | 0.00 |

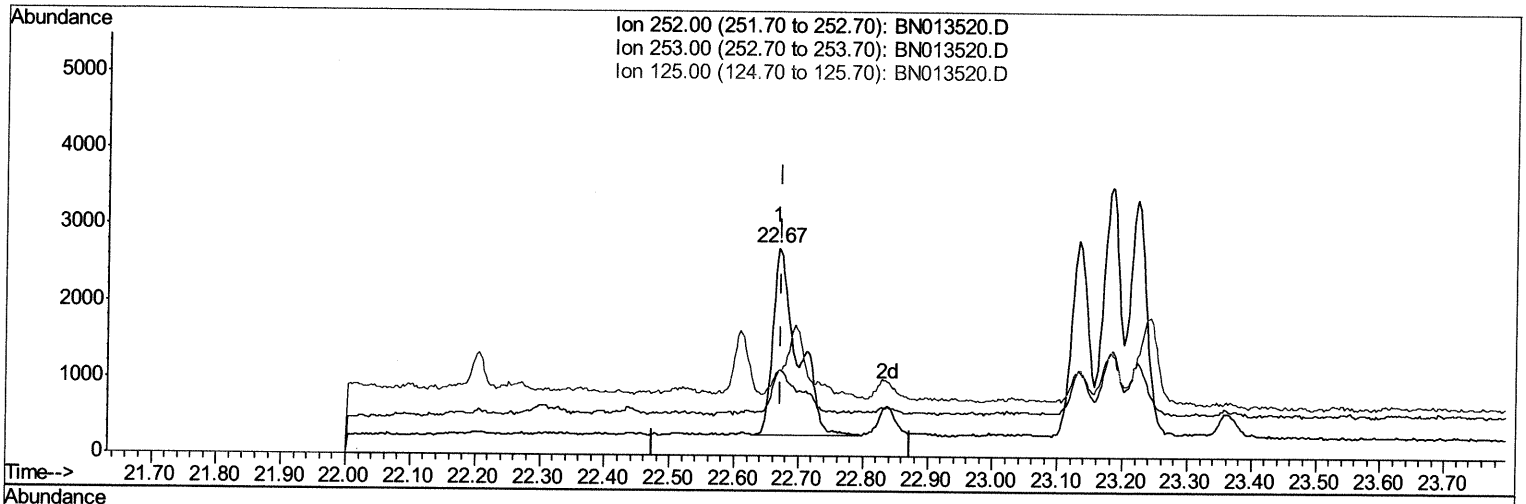
Quantitation Report (Qedit)

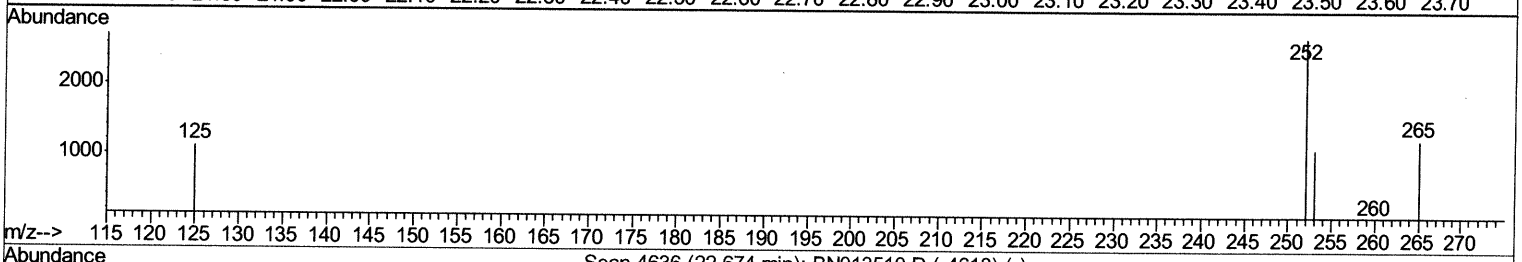
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013520.D
Acq On : 27 Jan 2021 23:42
Operator : CG/JU
Sample : M1099-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

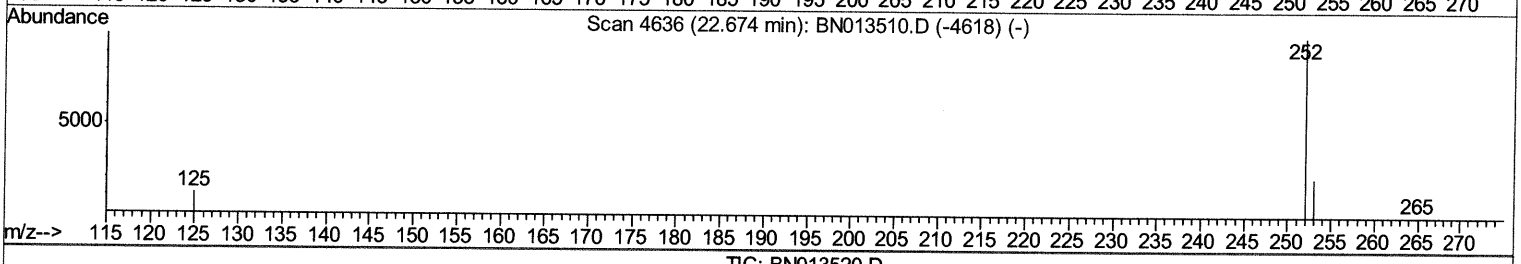
Quant Time: Jan 28 02:30:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 23:35:53 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
F1C02

**Manual Integrations APPROVED**
mohammad
1/28/2021 11:44:48 AM




TIC: BN013520.D

(21) Benzo(b)fluoranthene

22.667min (-0.006) 0.09ng/ul

response 6510

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 23.70 | 40.73 |
| 125.00 | 13.40 | 40.65# |
| 0.00 | 0.00 | 0.00 |

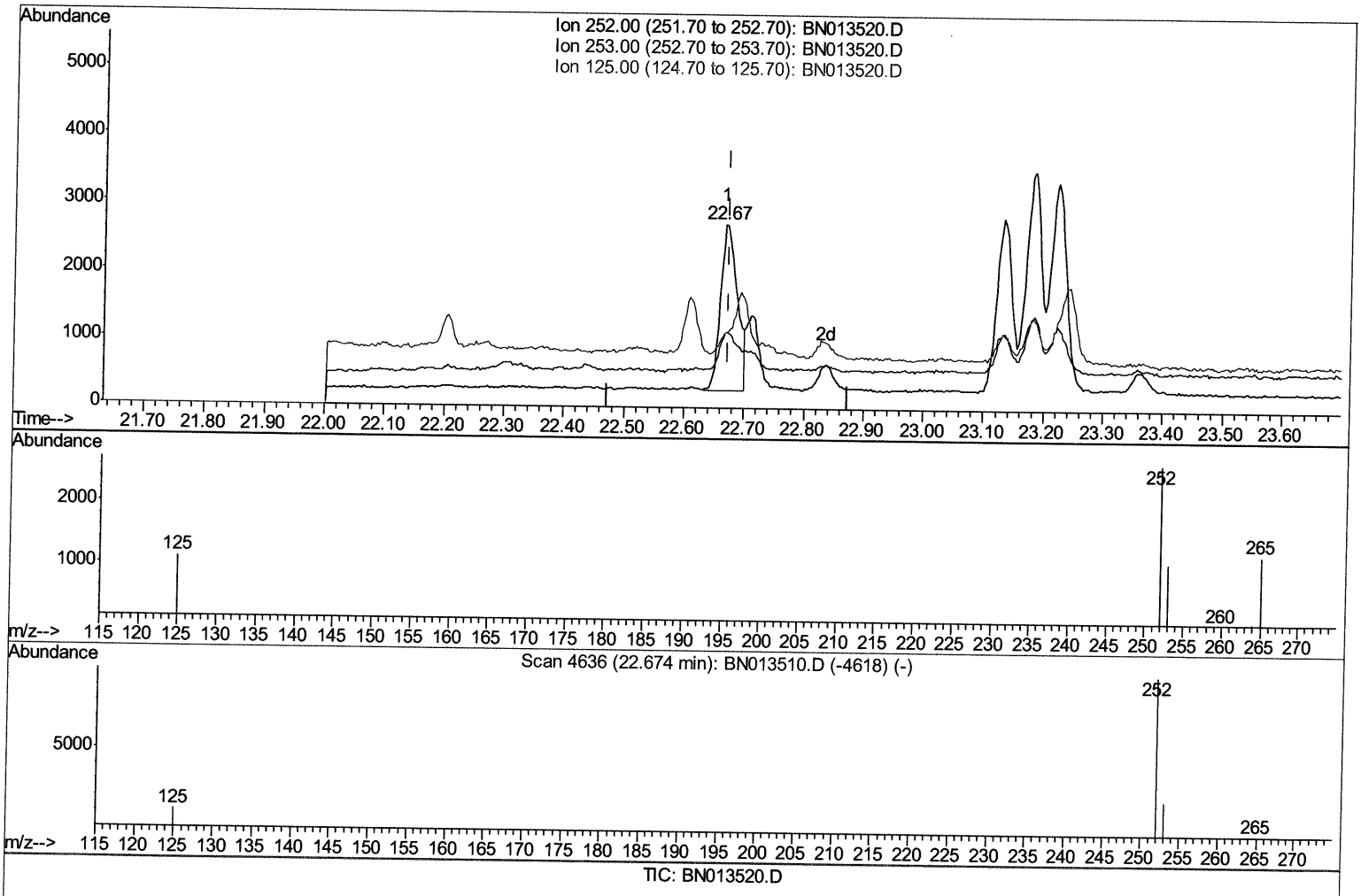
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013520.D
Acq On : 27 Jan 2021 23:42
Operator : CG/JU
Sample : M1099-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 28 02:30:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 23:35:53 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
F1C02

**Manual Integrations APPROVED**
mohammad
1/28/2021 11:44:48 AM




TIC: BN013520.D

(21) Benzo(b)fluoranthene

22.667min (-0.006) 0.07ng/ul m 01/28/21 JU

response 4814

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 23.70 | 40.73 |
| 125.00 | 13.40 | 40.65# |
| 0.00 | 0.00 | 0.00 |

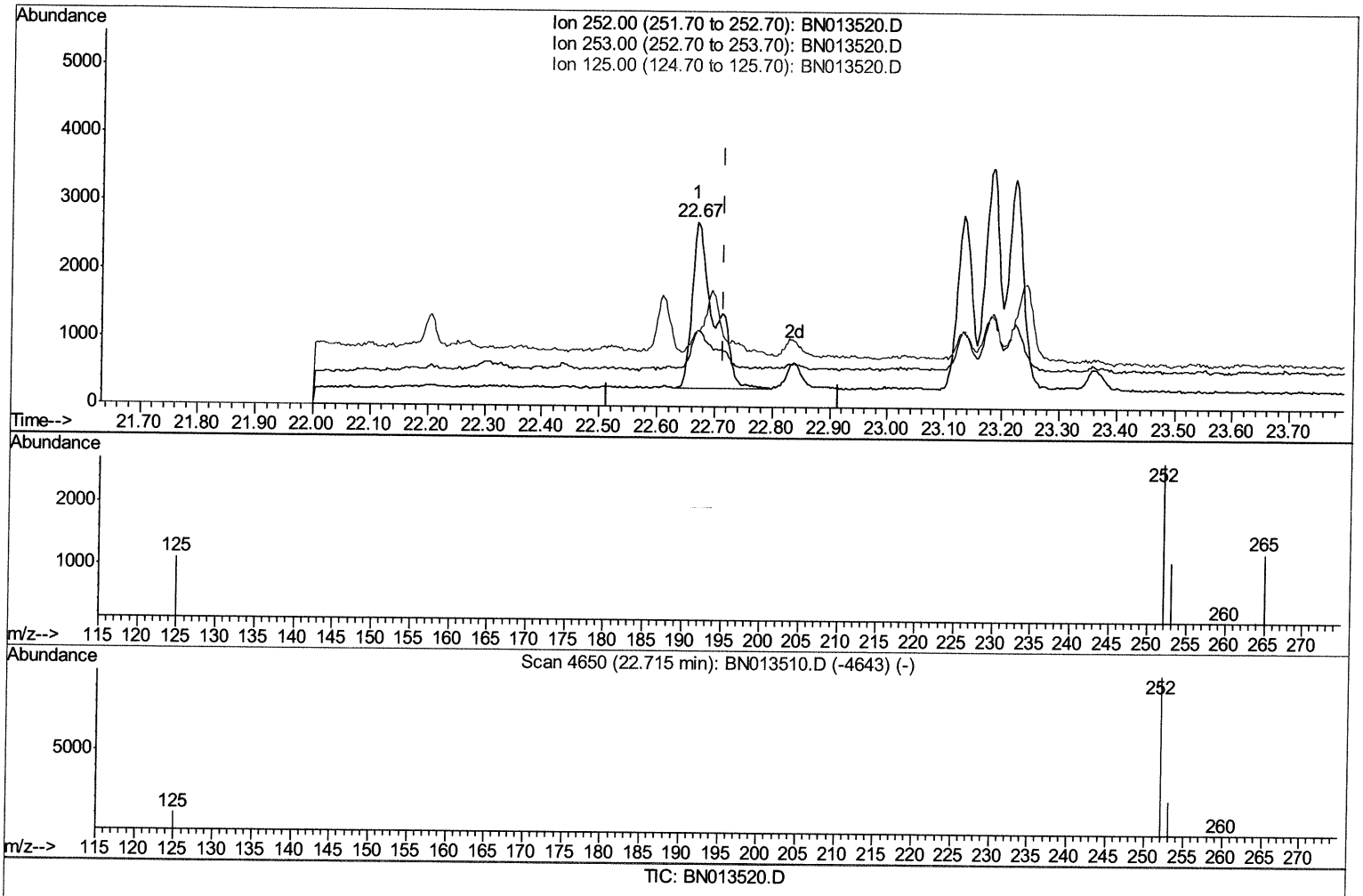
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013520.D
Acq On : 27 Jan 2021 23:42
Operator : CG/JU
Sample : M1099-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 28 02:55:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 23:35:53 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
F1C02

**Manual Integrations APPROVED**
mohammad
1/28/2021 11:44:48 AM




TIC: BN013520.D

(22) Benzo(k)fluoranthene

22.667min (-0.047) 0.08ng/ul

response 6510

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.00 | 40.73# |
| 125.00 | 14.30 | 40.65# |
| 0.00 | 0.00 | 0.00 |

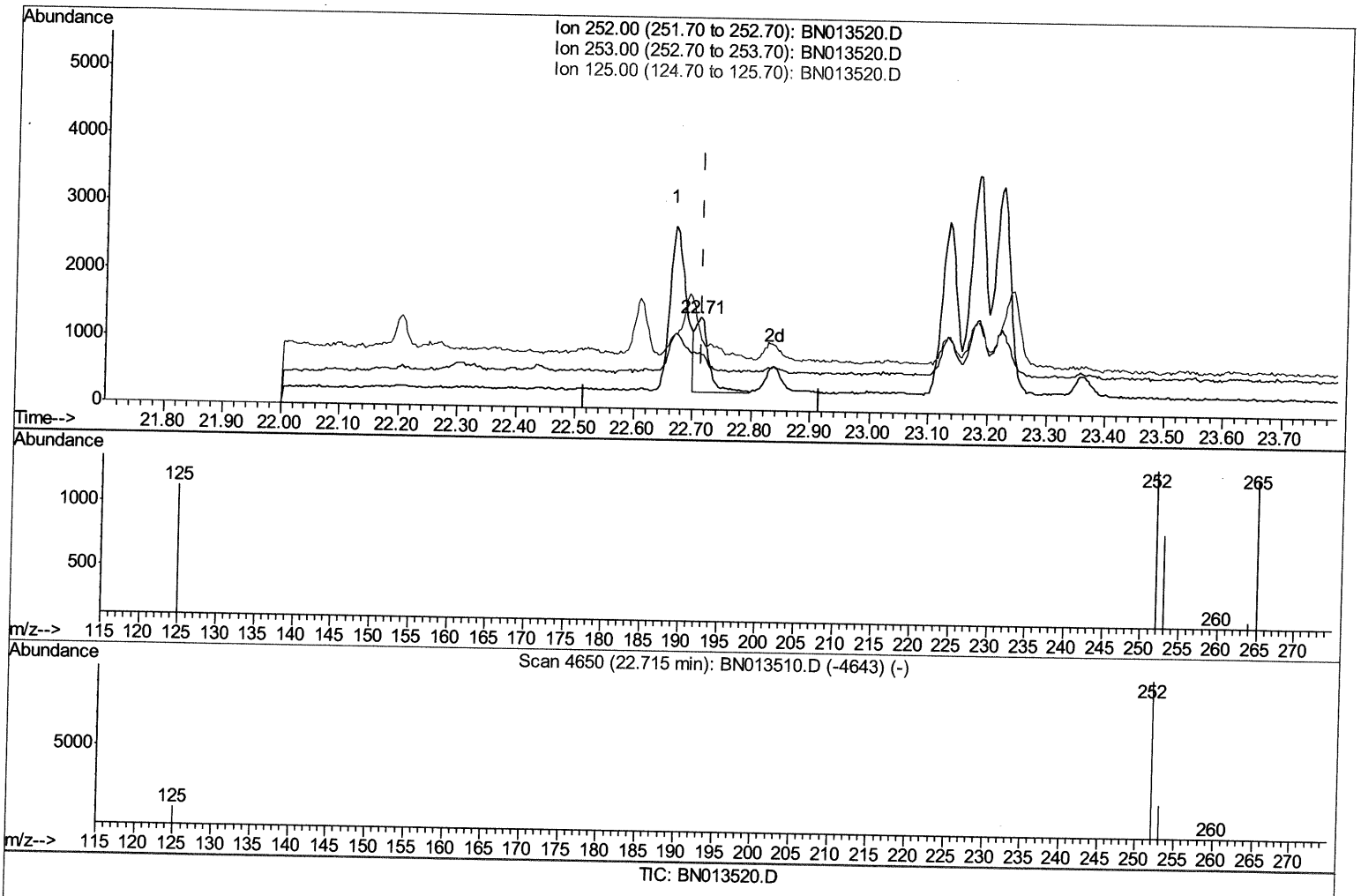
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013520.D
Acq On : 27 Jan 2021 23:42
Operator : CG/JU
Sample : M1099-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 28 02:55:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 23:35:53 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
F1C02

**Manual Integrations APPROVED**
mohammad
1/28/2021 11:44:48 AM




TIC: BN013520.D

(22) Benzo(k)fluoranthene

22.711min (-0.003) 0.02ng/ul m 01/28/2021

response 1868

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 24.00 | 62.24# |
| 125.00 | 14.30 | 82.77# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013520.D
Acq On : 27 Jan 2021 23:42
Operator : CG/JU
Sample : M1099-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1C02

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:48 AM

Quant Time: Jan 28 02:56:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 23:35:53 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 4140 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.33 | 136 | 16111 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.20 | 164 | 9685 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.95 | 188 | 19813m > | 0.40 | ng/ul > | 0.00 |
| 16) Chrysene-d12 | 21.15 | 240 | 18317 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.32 | 264 | 17406 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.92 | 152 | 9851 | 0.41 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 18.99 | 212 | 21121 | 0.40 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.38 | 128 | 22354 | 0.480 | ng/ul | 100 |
| 5) 2-Methylnaphthalene | 12.00 | 142 | 4434 | 0.150 | ng/ul | 100 |
| 7) Acenaphthylene | 13.92 | 152 | 5239 | 0.131 | ng/ul# | 93 |
| 8) Acenaphthene | 14.26 | 153 | 4462 | 0.126 | ng/ul | 98 |
| 9) Fluorene | 15.25 | 166 | 6054 | 0.154 | ng/ul# | 96 |
| 11) Pentachlorophenol | 16.60 | 266 | 91 | 0.031 | ng/ul | 93 |
| 12) Phenanthrene | 16.99 | 178 | 37188 | 0.573 | ng/ul | 99 |
| 13) Anthracene | 17.08 | 178 | 6333 | 0.119 | ng/ul# | 93 |
| 15) Fluoranthene | 19.01 | 202 | 36665 | 0.517 | ng/ul | 99 |
| 17) Pyrene | 19.38 | 202 | 61456 | 0.820 | ng/ul | 99 |
| 18) Benzo(a)anthracene | 21.13 | 228 | 5037 | 0.083 | ng/ul# | 23 |
| 19) Chrysene | 21.18 | 228 | 5704 | 0.076 | ng/ul# | 87 |
| 21) Benzo(b)fluoranthene | 22.67 | 252 | 4814m } | 0.066 | ng/ul } | |
| 22) Benzo(k)fluoranthene | 22.71 | 252 | 1868m } | 0.024 | ng/ul } | |
| 23) Benzo(a)pyrene | 23.22 | 252 | 5503 | 0.089 | ng/ul# | 65 |
| 24) Indeno(1,2,3-cd)pyrene | 25.47 | 276 | 4209 | 0.051 | ng/ul# | 100 |
| 26) Benzo(g,h,i)perylene | 26.13 | 276 | 13833 | 0.190 | ng/ul | 98 |

01/28/21 JU

01/28/21 JU

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