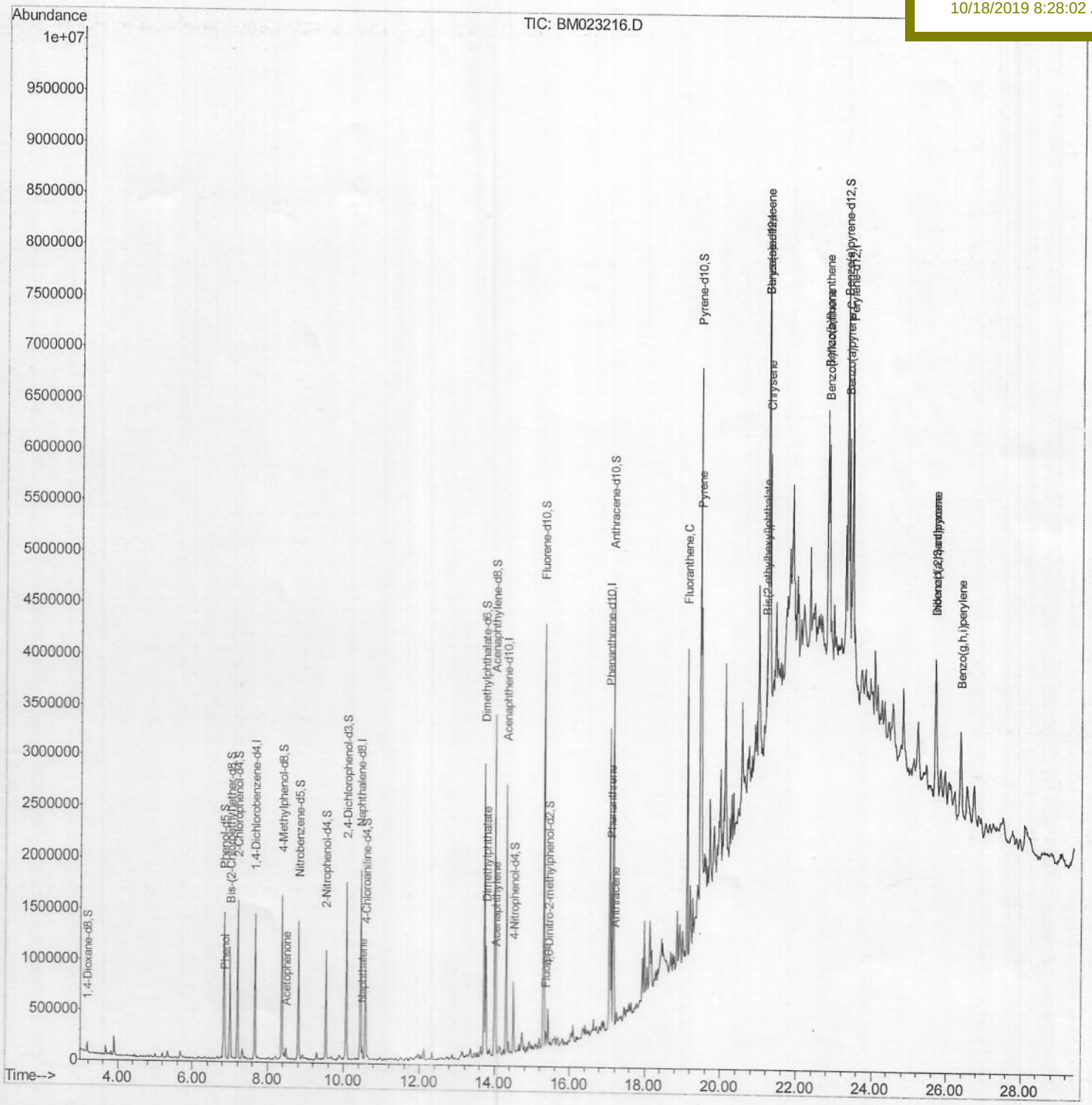
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023216.D
Acq On : 17 Oct 2019 11:38
Operator : JU
Sample : K5262-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 17 14:31:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BFB80

**Manual Integrations APPROVED**
mohammad
10/18/2019 8:28:02 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023216.D
Acq On : 17 Oct 2019 11:38
Operator : JU
Sample : K5262-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 17 12:36:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

**Instrument :**
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**ClientSampleId :**
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**Manual Integrations APPROVED**
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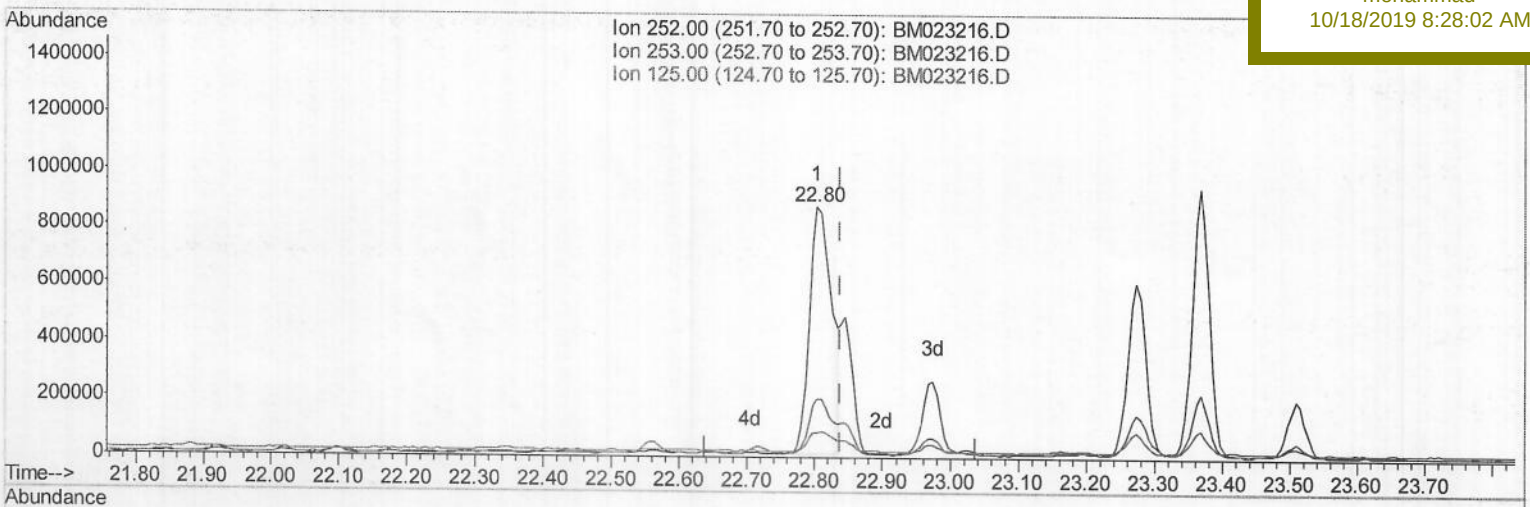
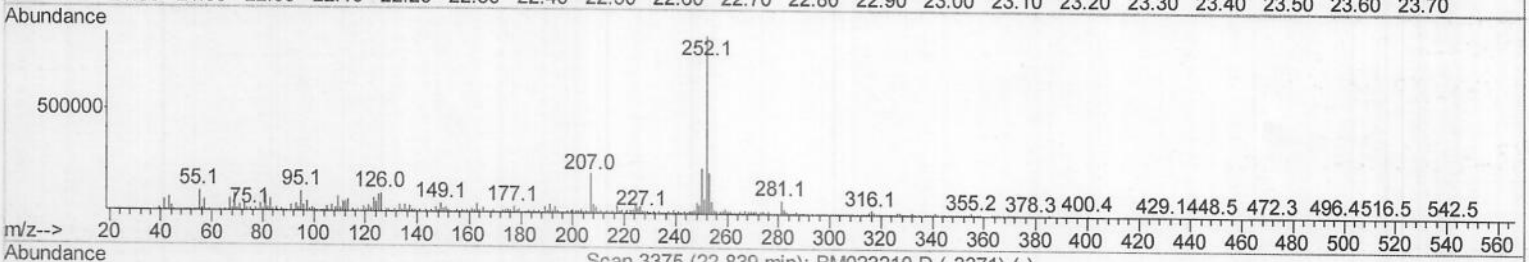
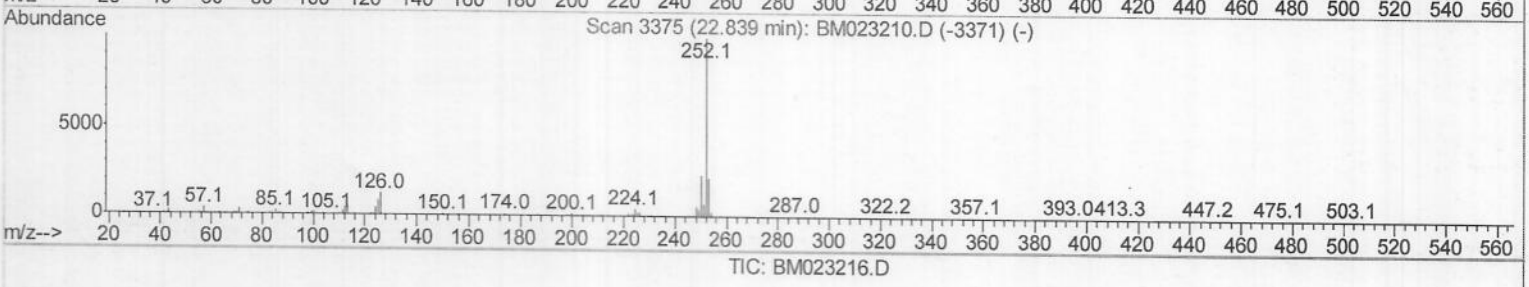
10/18/2019 8:28:02 AM




TIC: BM023216.D

(89) Benzo(k)fluoranthene

22.804min (-0.035) 15.97ng/ul

response 1948050

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.70 | 22.88 |
| 125.00 | 8.10 | 9.84# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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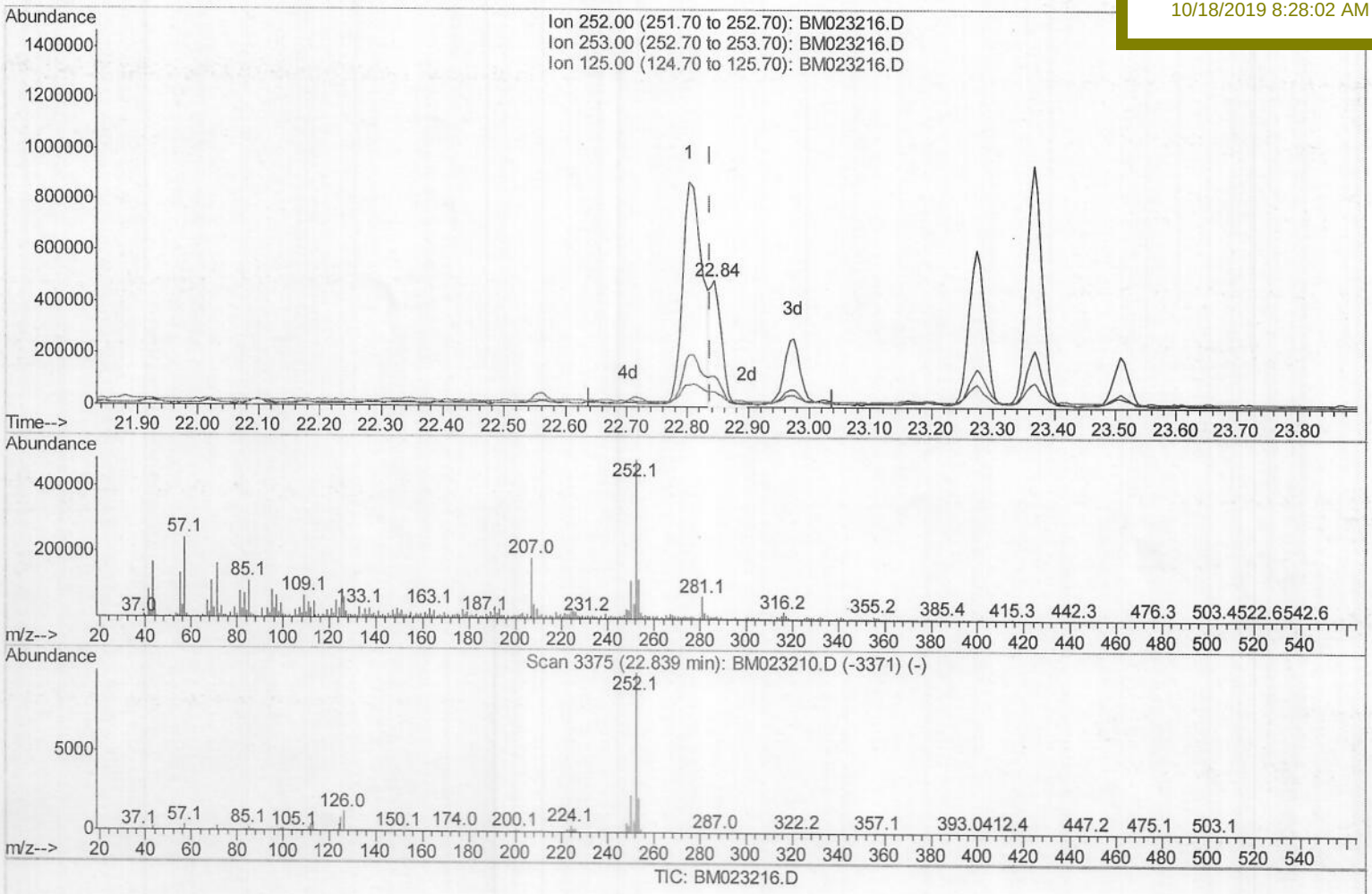
**Instrument :**
BNA_M
**ClientSampleId :**
BFB80

**Manual Integrations APPROVED**
mohammad
10/18/2019 8:28:02 AM




(89) Benzo(k)fluoranthene

22.845min (+0.006) 5.42ng/ul m 10/19/19

response 660793

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.70 | 24.92 |
| 125.00 | 8.10 | 12.31# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023216.D
Acq On : 17 Oct 2019 11:38
Operator : JU
Sample : K5262-19
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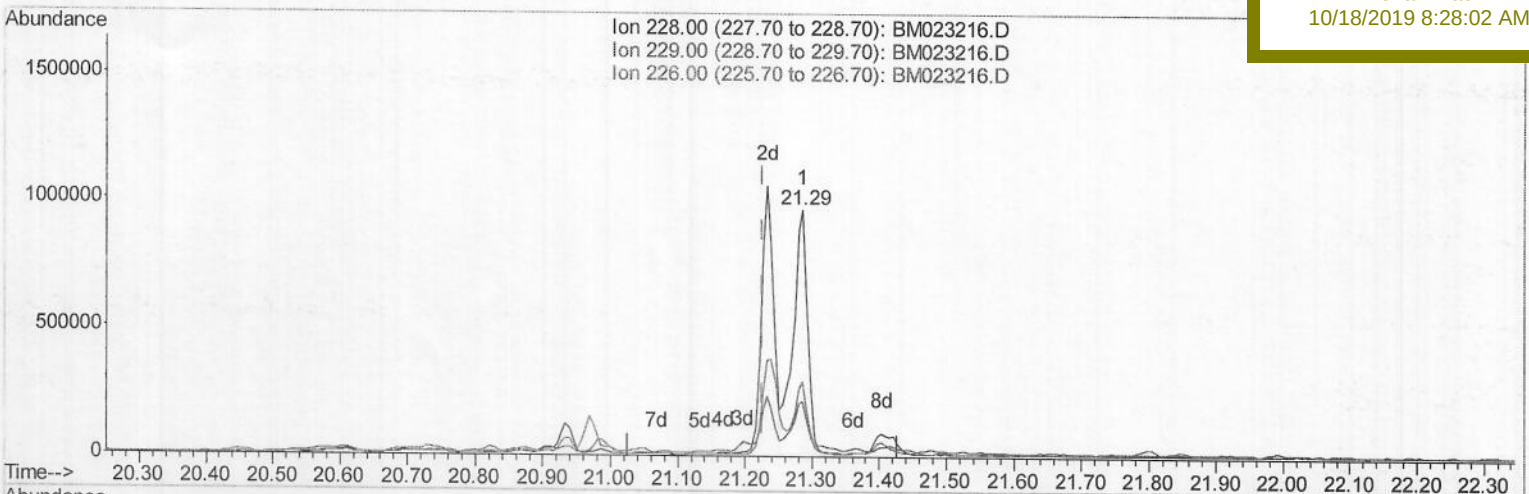
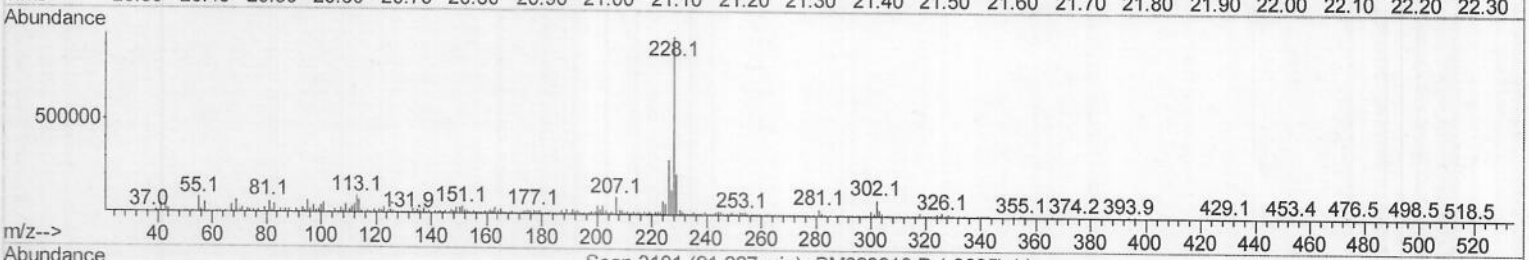
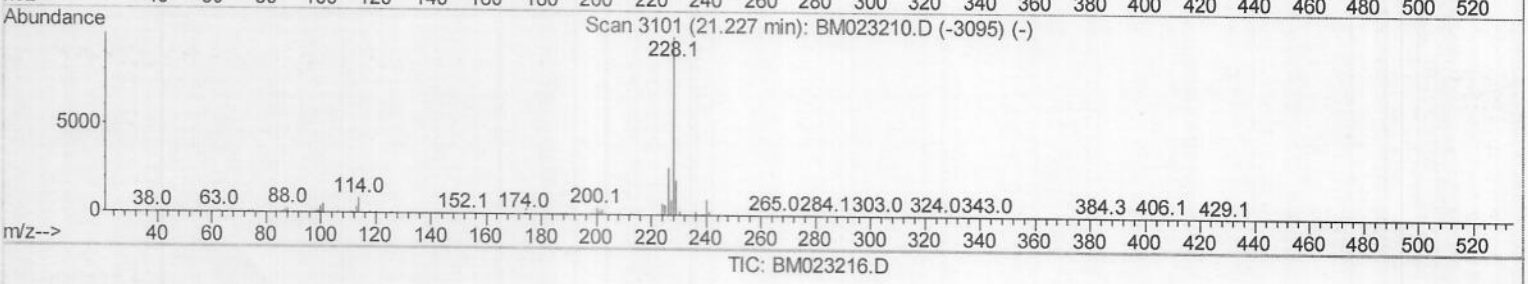
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BFB80

**Manual Integrations APPROVED**
mohammad
10/18/2019 8:28:02 AM




(83) Benzo(a)anthracene

21.286min (+0.059) 12.69ng/ul

response 1431876

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100 | 100 |
| 229.00 | 19.60 | 22.32 |
| 226.00 | 27.00 | 30.52 |
| 0.00 | 0.00 | 0.00 |

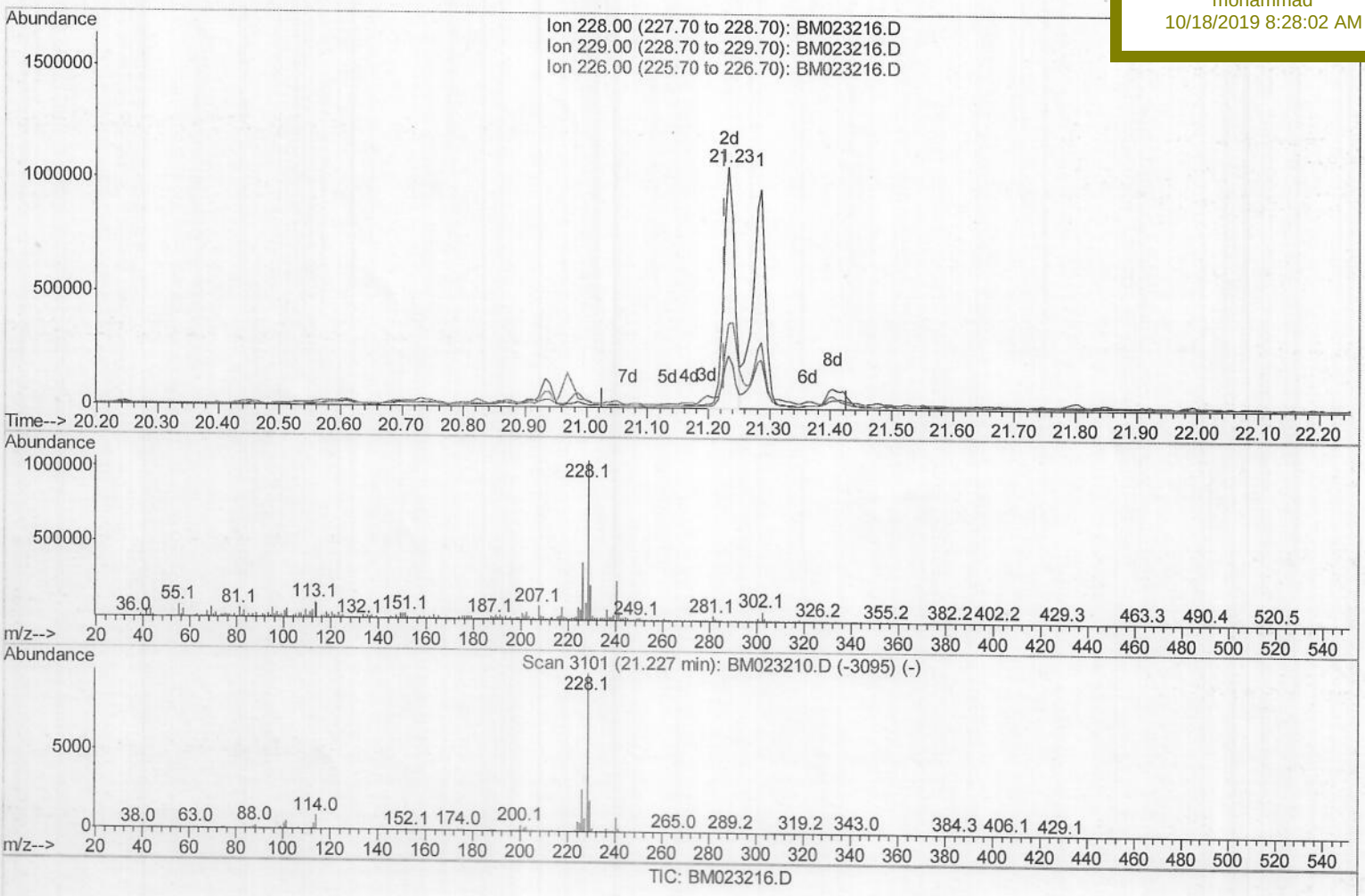
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023216.D
Acq On : 17 Oct 2019 11:38
Operator : JU
Sample : K5262-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 17 12:36:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BFB80

**Manual Integrations APPROVED**
mohammad
10/18/2019 8:28:02 AM







TIC: BM023216.D

(83) Benzo(a)anthracene

21.233min (+0.006) 11.95ng/ul m JU 10|19|19

response 1348691

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100 | 100 |
| 229.00 | 19.60 | 22.19 |
| 226.00 | 27.00 | 35.44# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023216.D
Acq On : 17 Oct 2019 11:38
Operator : JU
Sample : K5262-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 17 14:31:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** BFB80

**Manual Integrations APPROVED**
mohammad
10/18/2019 8:28:02 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 383386 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.45 | 136 | 1489805 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.31 | 164 | 870011 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.06 | 188 | 1654824 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.25 | 240 | 1665808 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.46 | 264 | 2095105 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.18 | 96 | 44168 | 5.07 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.84 | 99 | 801479 | 24.00 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.00 | 67 | 495755 | 26.24 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.20 | 132 | 683544 | 26.75 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.37 | 113 | 588375 | 21.94 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.81 | 128 | 323489 | 32.09 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.53 | 143 | 348414 | 36.30 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.07 | 165 | 655885 | 26.87 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.58 | 131 | 529323 | 17.83 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.73 | 166 | 1916531 | 28.74 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.00 | 160 | 2293430 | 29.33 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.50 | 143 | 162646 | 15.07 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.31 | 176 | 1634582 | 28.78 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 81681 | 12.45 | ng/ul | 0.01 |
| 71) Anthracene-d10 | 17.16 | 188 | 2434697 | 30.51 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.45 | 212 | 2575298 | 31.92 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.33 | 264 | 3222757 | 30.35 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.86 | 94 | 153722 | 4.464 | ng/ul | 96 |
| 14) Acetophenone | 8.48 | 105 | 54025 | 1.292 | ng/ul | 97 |
| 28) Naphthalene | 10.49 | 128 | 106100 | 1.378 | ng/ul | 99 |
| 45) Dimethylphthalate | 13.77 | 163 | 669390 | 10.031 | ng/ul | 99 |
| 48) Acenaphthylene | 14.03 | 152 | 321269 | 4.018 | ng/ul | 98 |
| 59) Fluorene | 15.36 | 166 | 75284 | 1.161 | ng/ul# | 93 |
| 70) Phenanthrene | 17.10 | 178 | 876806 | 9.441 | ng/ul | 99 |
| 72) Anthracene | 17.19 | 178 | 327426 | 3.412 | ng/ul | 98 |
| 77) Fluoranthene | 19.12 | 202 | 1802089 | 16.316 | ng/ul | 100 |
| 80) Pyrene | 19.48 | 202 | 1947606 | 18.663 | ng/ul | 100 |
| 83) Benzo(a)anthracene | 21.23 | 228 | 1348691m | 11.949 | ng/ul | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 257818 | 4.467 | ng/ul# | 99 |
| 85) Chrysene | 21.29 | 228 | 1431876 | 13.662 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 22.80 | 252 | 1948050 | 15.336 | ng/ul# | 97 |
| 89) Benzo(k)fluoranthene | 22.84 | 252 | 660793m | 5.418 | ng/ul | 96 |
| 91) Benzo(a)pyrene | 23.37 | 252 | 1634926 | 13.415 | ng/ul | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 25.69 | 276 | 1161353 | 8.010 | ng/ul | 86 |
| 93) Dibenzo(a,h)anthracene | 25.69 | 278 | 338309 | 2.791 | ng/ul# | 99 |
| 94) Benzo(g,h,i)perylene | 26.36 | 276 | 1022552 | 8.566 | ng/ul | |

JU 10/19/19

JU 10/19/19

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