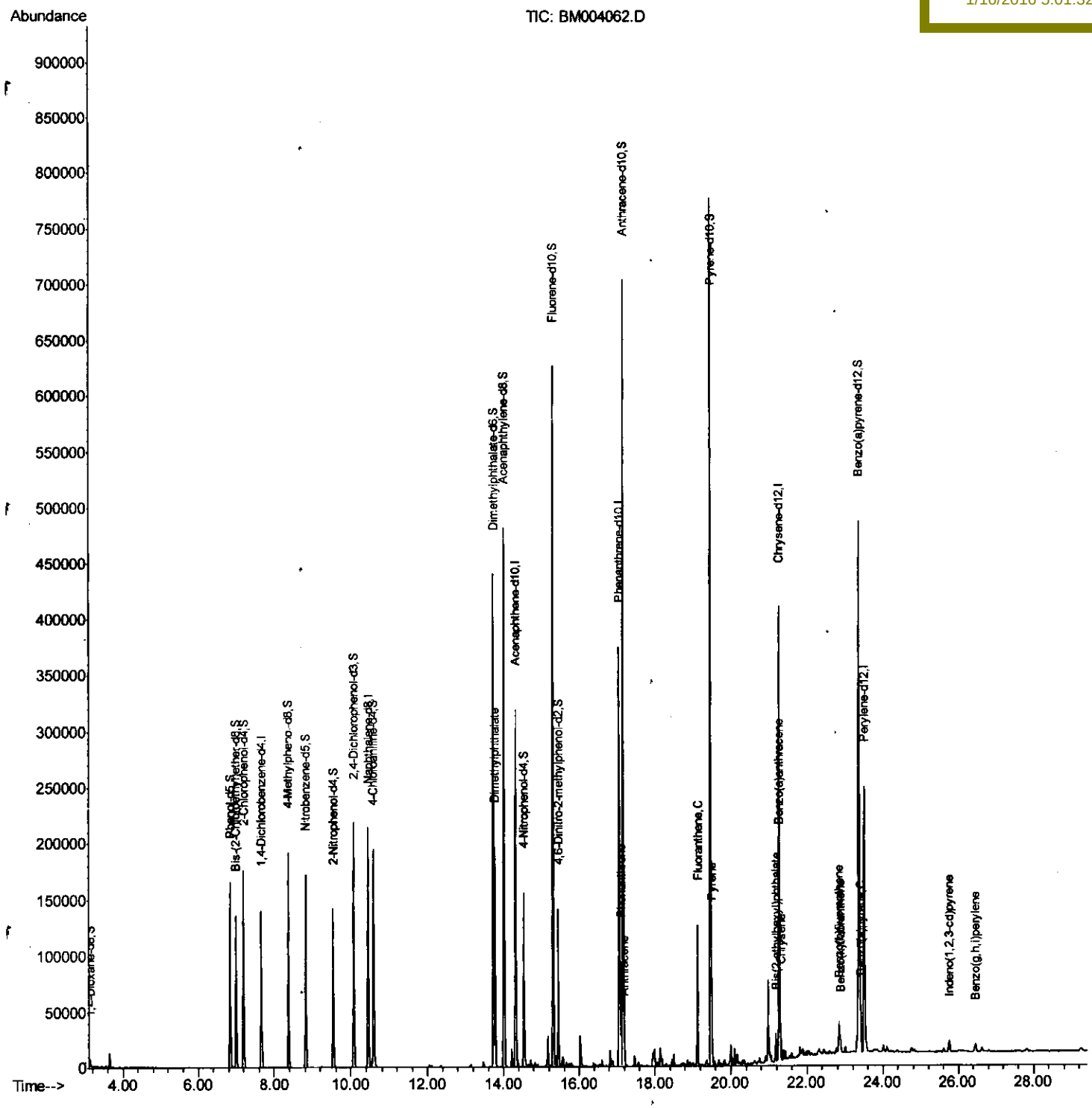
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004062.D
Acq On : 15 Jan 2016 23:49
Operator : SJ/UM
Sample : H1100-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 03:44:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 16 03:00:58 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BC9G8

**Manual Integrations APPROVED**
Sohil
1/16/2016 5:01:32 AM



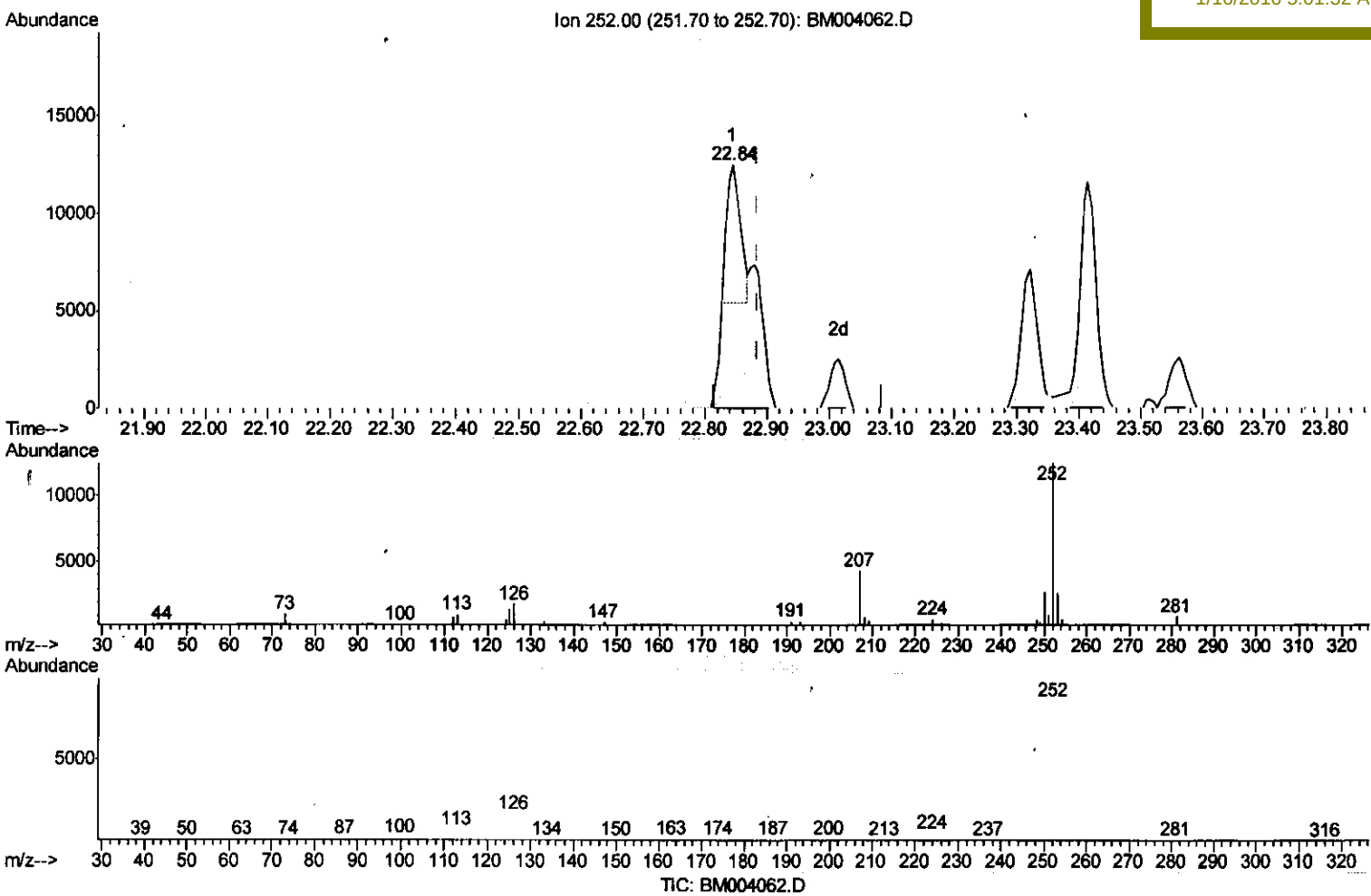
# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004062.D
Acq On : 15 Jan 2016 23:49
Operator : SJ/UM
Sample : H1100-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 03:08:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 16 03:00:58 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BC9G8

**Manual Integrations APPROVED**
Sohil
1/16/2016 5:01:32 AM




(89) Benzo(k)fluoranthene

22.845min (-0.041) 1.11ng/ul

response 10933

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.60 | 21.78 |
| 125.00 | 10.20 | 11.57 |
| 0.00 | 0.00 | 0.00 |

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
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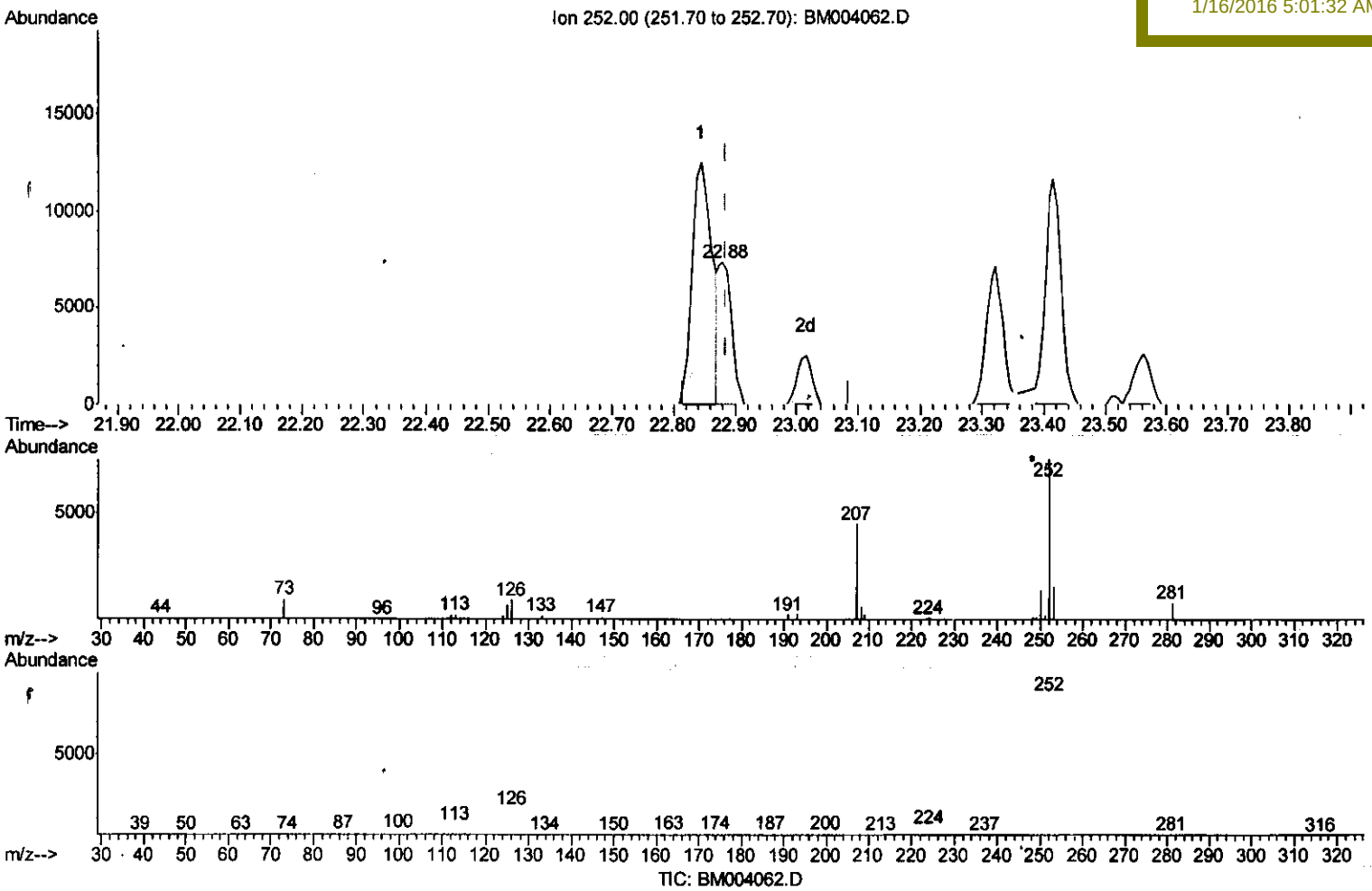
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 16 03:00:58 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BC9G8

**Manual Integrations APPROVED**
Sohil
1/16/2016 5:01:32 AM



TIC: BM004062.D

(89) Benzo(k)fluoranthene

22.880min (-0.006) 1.13ng/ul m S. J 1/16/16

response 11099

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.60 | 24.05 |
| 125.00 | 10.20 | 13.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004062.D
Acq On : 15 Jan 2016 23:49
Operator : SJ/UM
Sample : H1100-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 16 03:44:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 16 03:00:58 2016
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** BC9G8

**Manual Integrations APPROVED**
Sohil
1/16/2016 5:01:32 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 38704 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.45 | 136 | 185229 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.32 | 164 | 106029 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.07 | 188 | 225283 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.27 | 240 | 182844 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.52 | 264 | 169916 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.13 | 96 | 4132 | 4.78 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.85 | 99 | 103162 | 32.10 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.00 | 67 | 60132 | 33.10 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.20 | 132 | 85523 | 32.38 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.37 | 113 | 75215 | 28.89 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.82 | 128 | 45530 | 32.63 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.55 | 143 | 50362 | 32.93 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.08 | 165 | 83539 | 30.74 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.59 | 131 | 116028 | 32.34 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.73 | 166 | 295895 | 35.55 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.01 | 160 | 349930 | 34.51 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.54 | 143 | 46883 | 31.36 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.32 | 176 | 253381 | 35.89 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 30185 | 23.76 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.17 | 188 | 381870 | 36.65 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.47 | 212 | 390321 | 41.22 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.37 | 264 | 332381 | 39.17 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 13.78 | 163 | 130929 | 15.43 | ng/ul | 100 |
| 70) Phenanthrene | 17.12 | 178 | 59340 | 4.68 | ng/ul | 100 |
| 72) Anthracene | 17.20 | 178 | 16176 | 1.24 | ng/ul | 99 |
| 77) Fluoranthene | 19.14 | 202 | 73844 | 5.61 | ng/ul | 99 |
| 80) Pyrene | 19.50 | 202 | 60801 | 4.90 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.26 | 228 | 27802 | 2.55 | ng/ul | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 9999 | 1.51 | ng/ul | 98 |
| 85) Chrysene | 21.31 | 228 | 27458 | 2.65 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 22.84 | 252 | 27314 | 2.64 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.88 | 252 | 11099m | 1.13 | ng/ul | |
| 91) Benzo(a)pyrene | 23.42 | 252 | 20804 | 2.12 | ng/ul | 94 |
| 92) Indeno(1,2,3-cd)pyrene | 25.76 | 276 | 11645 | 1.07 | ng/ul | 96 |
| 94) Benzo(g,h,i)perylene | 26.45 | 276 | 10107 | 1.11 | ng/ul | 99 |

S.J 1/16/16

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