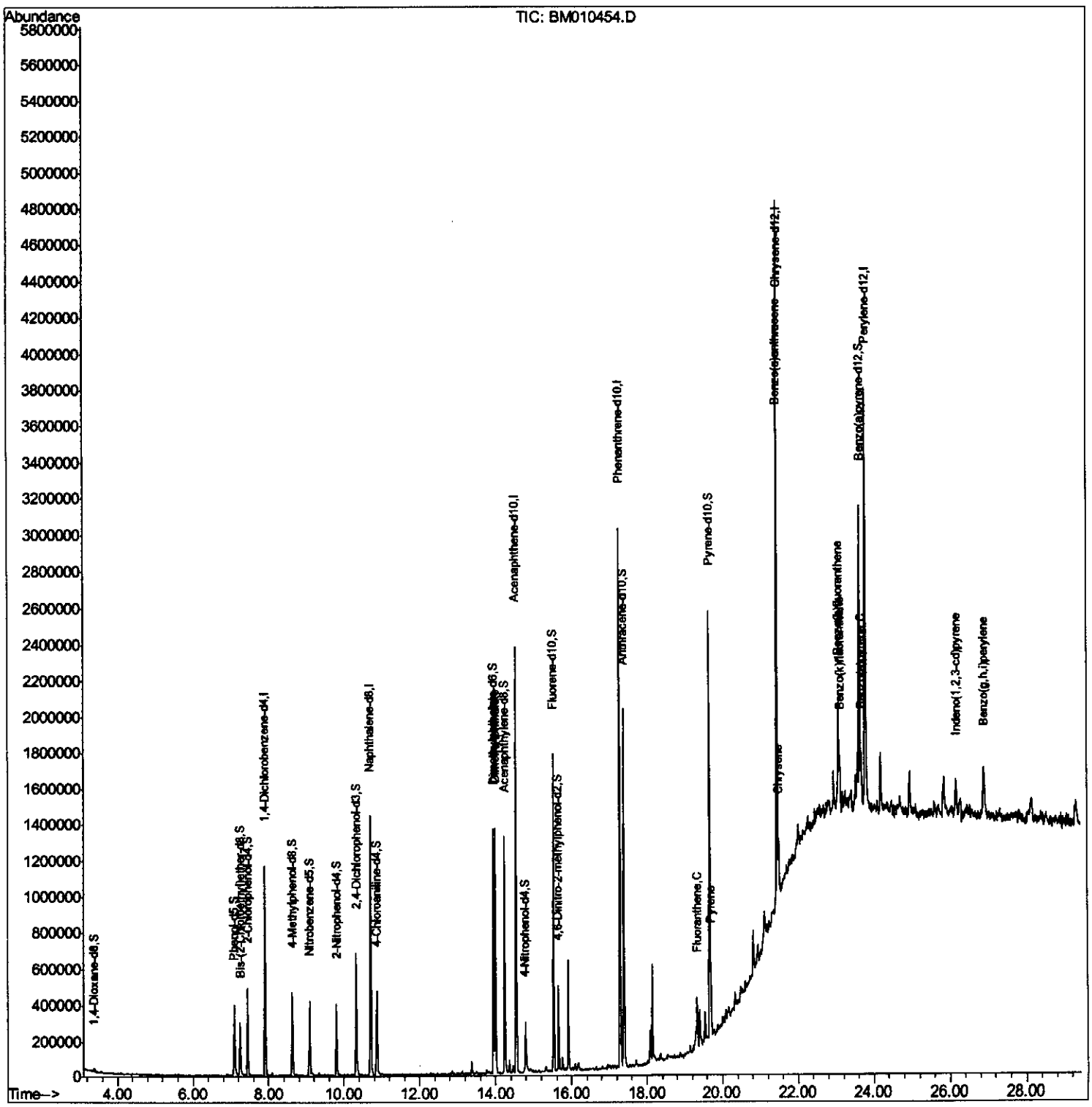
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
Data File : BM010454.D
Acq On : 09 Jun 2017 15:27
Operator : SJ/MA
Sample : I3521-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 10 02:20:58 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 10 01:45:58 2017
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
F5C42

**Manual Integrations APPROVED**
mohammad
6/12/2017 11:18:00 AM



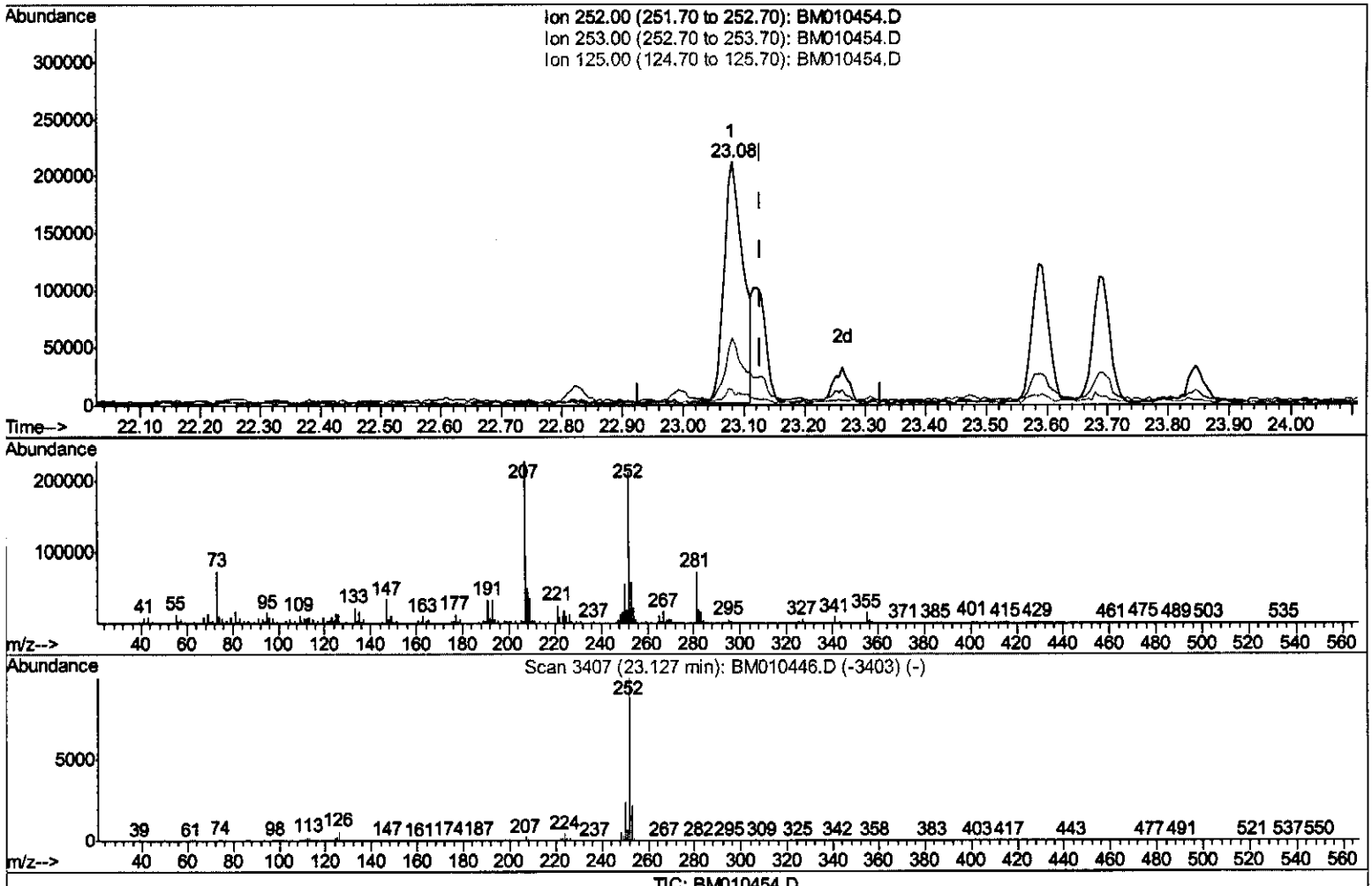
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
Data File : BM010454.D
Acq On : 09 Jun 2017 15:27
Operator : SJ/MA
Sample : I3521-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 10 01:48:15 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 10 01:45:58 2017
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
F5C42

**Manual Integrations APPROVED**
mohammad
6/12/2017 11:18:00 AM




TIC: BM010454.D

(86) Benzo(k)fluoranthene

23.080min (-0.047) 4.76ng/ul

response 457814

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.40 | 27.41# |
| 125.00 | 4.30 | 6.48# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Quant Title : SVOA CALIBRATION
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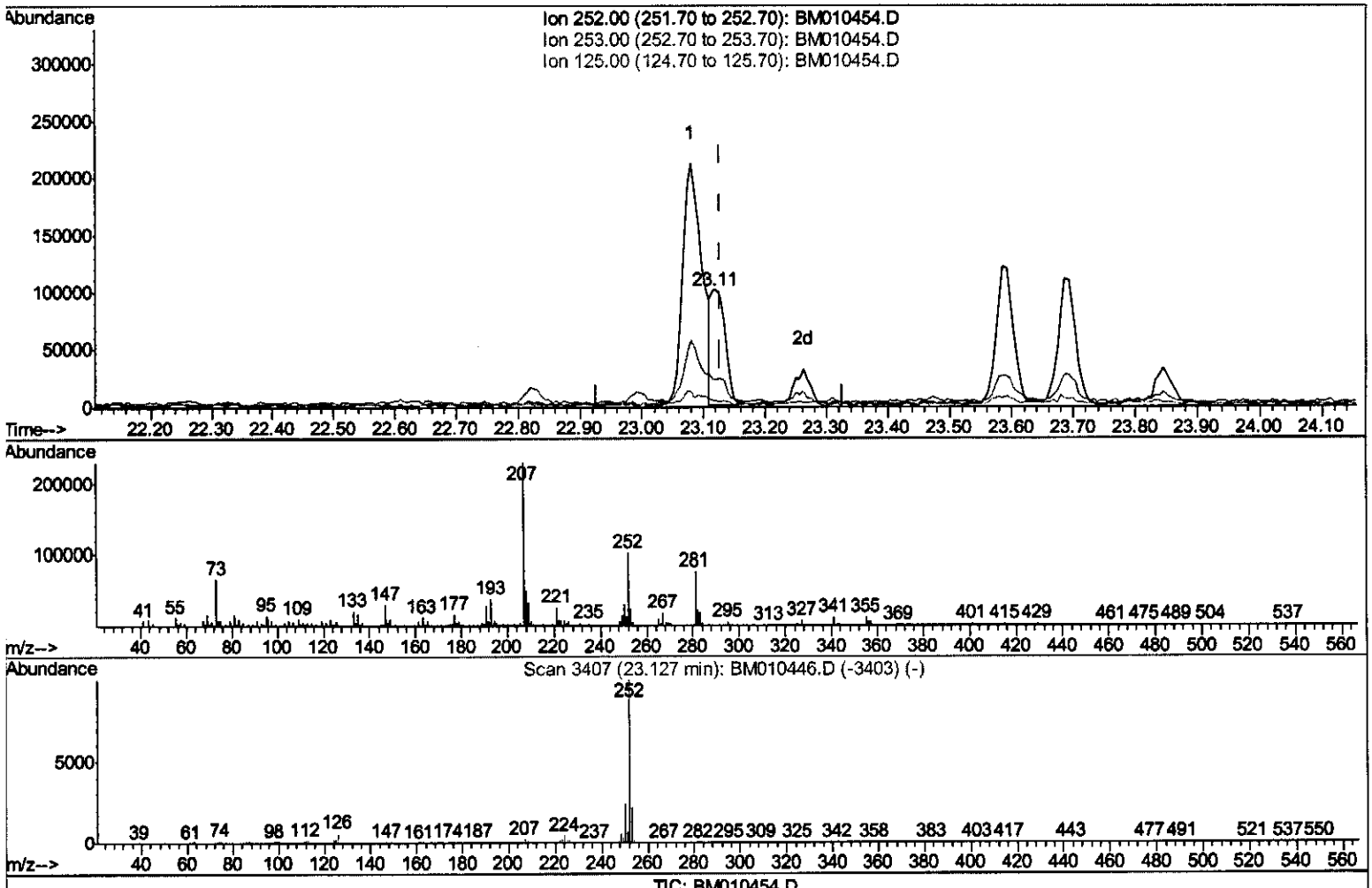
**Instrument :**
BNA_M
**ClientSampleId :**
F5C42

**Manual Integrations APPROVED**
mohammad
6/12/2017 11:18:00 AM




TIC: BM010454.D

(86) Benzo(k)fluoranthene

23.115min (-0.012) 1.59ng/ul m

response 153284

SJ 06/19/17

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.40 | 23.55 |
| 125.00 | 4.30 | 6.02# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
Data File : BM010454.D
Acq On : 09 Jun 2017 15:27
Operator : SJ/MA
Sample : I3521-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 10 02:20:58 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 10 01:45:58 2017
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** F5C42

**Manual Integrations APPROVED**
mohammad
6/12/2017 11:18:00 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.90 | 152 | 264535 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.71 | 136 | 997707 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.54 | 164 | 667426 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.29 | 188 | 1597047 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.45 | 240 | 1751534 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.80 | 264 | 1730851 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.38 | 96 | 13595 | 2.11 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.09 | 99 | 187641 | 9.36 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.25 | 67 | 116521 | 10.34 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.45 | 132 | 173627 | 10.87 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.63 | 113 | 148408 | 9.18 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.09 | 128 | 83292 | 11.40 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.80 | 143 | 100824 | 11.91 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.33 | 165 | 216767 | 12.46 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.87 | 131 | 193060 | 11.51 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.95 | 166 | 749291 | 13.51 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.24 | 160 | 801980 | 12.40 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.79 | 143 | 62796 | 7.57 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.53 | 176 | 635353 | 13.03 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.66 | 200 | 118389 | 10.47 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.39 | 188 | 1014229 | 13.05 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.67 | 212 | 1176046 | 16.24 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.64 | 264 | 1105725 | 13.72 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 14.00 | 163 | 709075 | 13.002 | ng/ul | 99 |
| 74) Fluoranthene | 19.34 | 202 | 149074 | 1.422 | ng/ul# | 94 |
| 77) Pyrene | 19.70 | 202 | 195821 | 2.170 | ng/ul# | 94 |
| 80) Benzo(a)anthracene | 21.44 | 228 | 159951 | 1.619 | ng/ul | 96 |
| 82) Chrysene | 21.49 | 228 | 141441 | 1.584 | ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 23.08 | 252 | 457814 | 4.546 | ng/ul# | 90 |
| 86) Benzo(k)fluoranthene | 23.11 | 252 | 153284m | 1.593 | ng/ul | |
| 88) Benzo(a)pyrene | 23.69 | 252 | 213768 | 2.141 | ng/ul# | 95 |
| 89) Indeno(1,2,3-cd)pyrene | 26.19 | 276 | 189606 | 1.503 | ng/ul# | 97 |
| 91) Benzo(g,h,i)perylene | 26.92 | 276 | 150328 | 1.447 | ng/ul# | 89 |

SJ 06/19/17

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