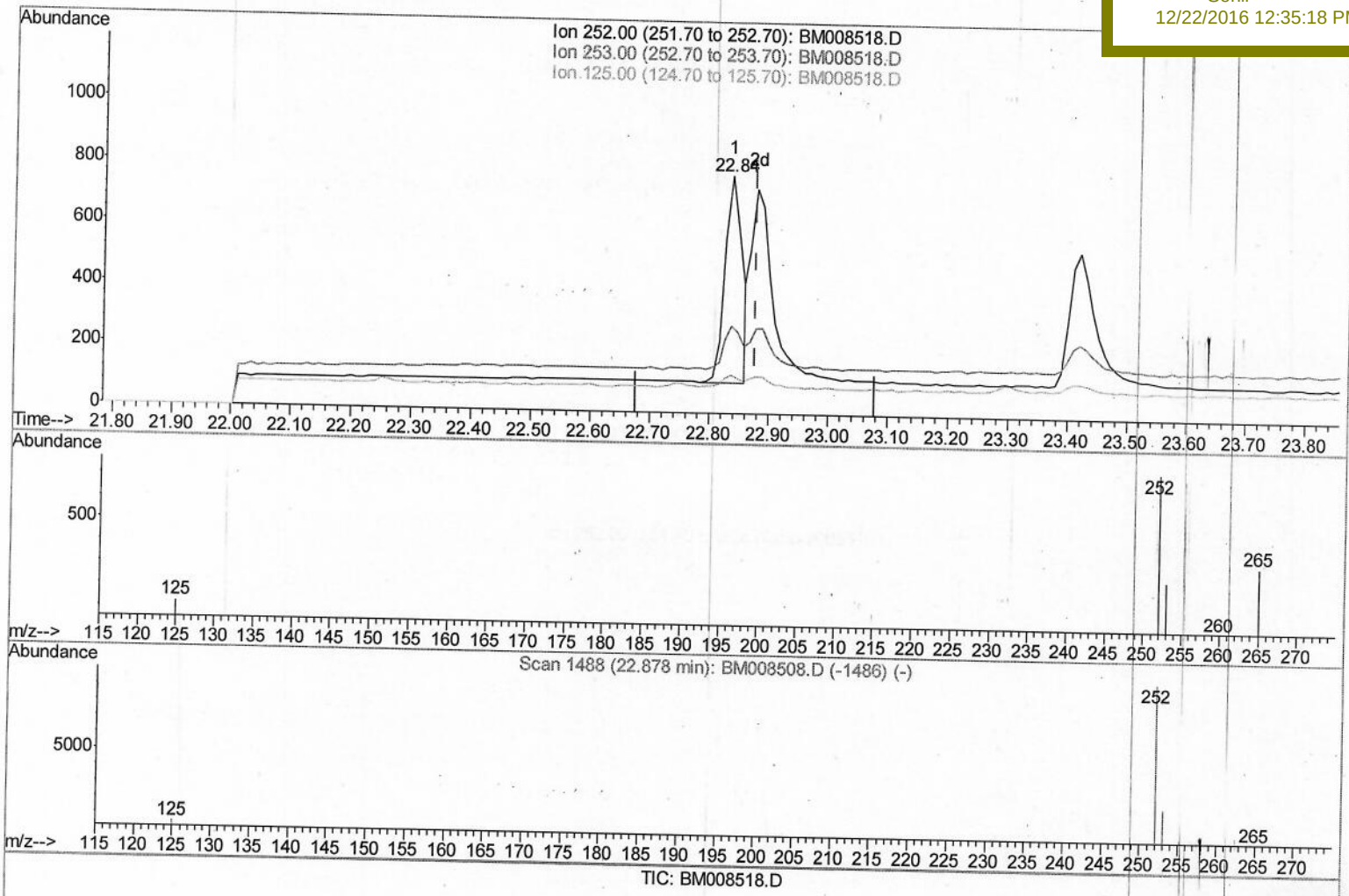
# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008518.D
Acq On : 21 Dec 2016 15:45
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 22 00:25:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 00:00:17 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**LabSampleId :**
SSTD0.454

**Manual Integrations APPROVED**
Sohil
12/22/2016 12:35:18 PM




TIC: BM008518.D

(22) Benzo(k)fluoranthene

22.836min (-0.042) 0.36ng/ul

response 1318

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 30.60 | 36.58 |
| 125.00 | 17.10 | 15.95 |
| 0.00 | 0.00 | 0.00 |

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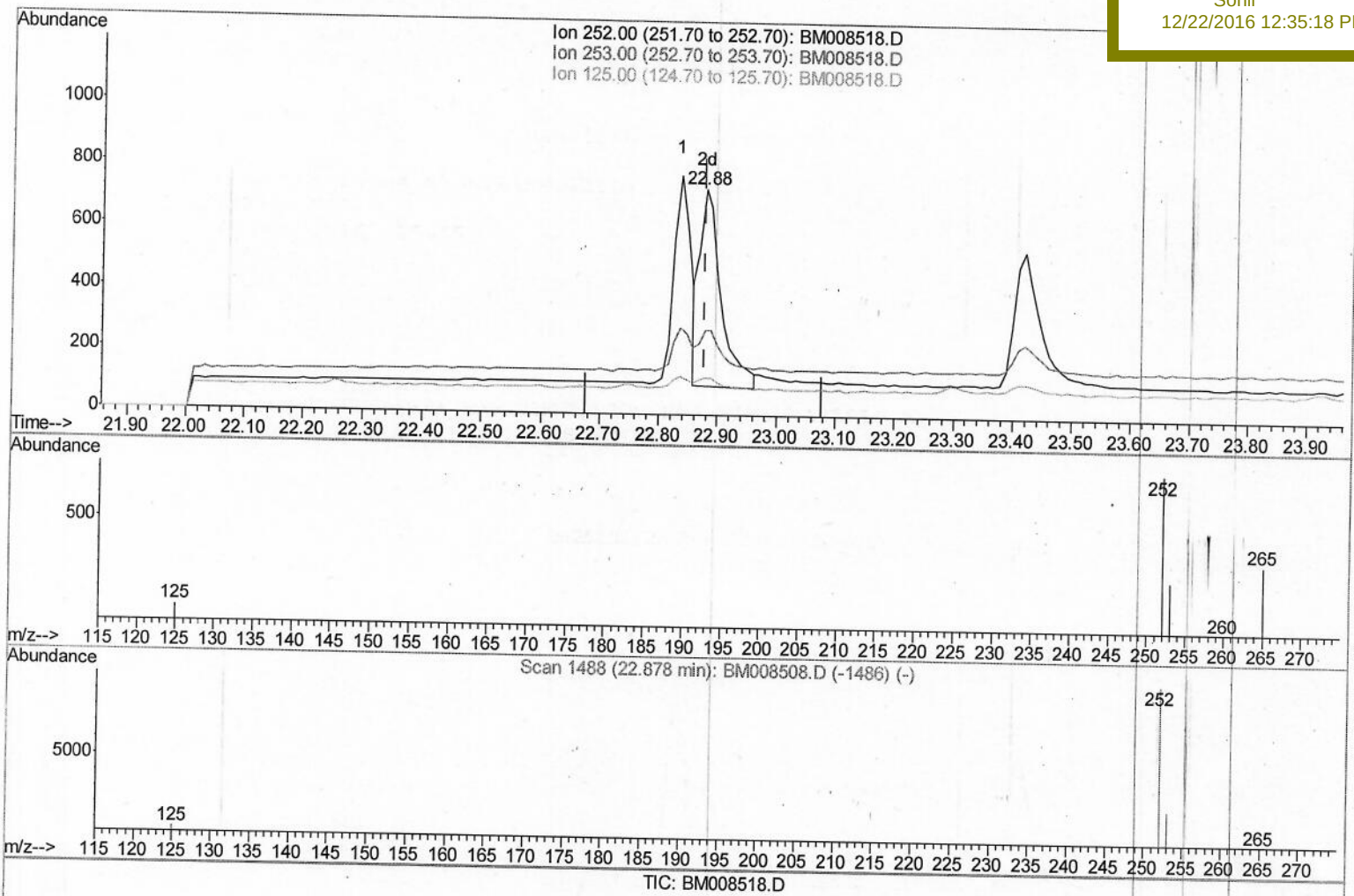








TIC: BM008518.D

(22) Benzo(k)fluoranthene

22.878min (+0.000) 0.44ng/ul m

response 1626

S.J
12/22/16

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 30.60 | 37.53# |
| 125.00 | 17.10 | 16.30 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
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Quant Time: Dec 22 00:26:22 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 00:00:17 2016
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.74 | 152 | 217 | 0.40 | ng/ul | 0.03 |
| 2) Naphthalene-d8 | 10.50 | 136 | 882 | 0.40 | ng/ul | 0.01 |
| 6) Acenaphthene-d10 | 14.33 | 164 | 498 | 0.40 | ng/ul | 0.02 |
| 10) Phenanthrene-d10 | 17.09 | 188 | 951 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.28 | 240 | 957 | 0.40 | ng/ul | 0.01 |
| 20) Perylene-d12 | 23.51 | 264 | 964 | 0.40 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.11 | 152 | 493 | 0.36 | ng/ul | 0.02 |
| 14) Fluoranthene-d10 | 19.12 | 212 | 1005 | 0.38 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.55 | 128 | 965 | 0.39 | ng/ul# | 67 |
| 5) 2-Methylnaphthalene | 12.18 | 142 | 602 | 0.36 | ng/ul | 94 |
| 7) Acenaphthylene | 14.06 | 152 | 937 | 0.42 | ng/ul# | 77 |
| 8) Acenaphthene | 14.38 | 153 | 676 | 0.40 | ng/ul | 94 |
| 9) Fluorene | 15.41 | 166 | 742 | 0.38 | ng/ul# | 88 |
| 11) Pentachlorophenol | 16.80 | 266 | 104 | 0.35 | ng/ul | 98 |
| 12) Phenanthrene | 17.14 | 178 | 1058 | 0.36 | ng/ul# | 85 |
| 13) Anthracene | 17.24 | 178 | 1061 | 0.38 | ng/ul# | 84 |
| 15) Fluoranthene | 19.14 | 202 | 1390 | 0.39 | ng/ul | 92 |
| 17) Pyrene | 19.51 | 202 | 1496 | 0.40 | ng/ul# | 90 |
| 18) Benzo(a)anthracene | 21.26 | 228 | 1281 | 0.41 | ng/ul | 91 |
| 19) Chrysene | 21.31 | 228 | 1369 | 0.40 | ng/ul | 92 |
| 21) Benzo(b)fluoranthene | 22.84 | 252 | 1318 | 0.35 | ng/ul | 94 |
| 22) Benzo(k)fluoranthene | 22.88 | 252 | 1626m | 0.44 | ng/ul | |
| 23) Benzo(a)pyrene | 23.42 | 252 | 1369 | 0.39 | ng/ul# | 90 |
| 24) Indeno(1,2,3-cd)pyrene | 25.76 | 276 | 1713 | 0.41 | ng/ul# | 92 |
| 25) Dibenzo(a,h)anthracene | 25.77 | 278 | 1380 | 0.41 | ng/ul# | 84 |
| 26) Benzo(g,h,i)perylene | 26.44 | 276 | 1522 | 0.42 | ng/ul# | 91 |

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

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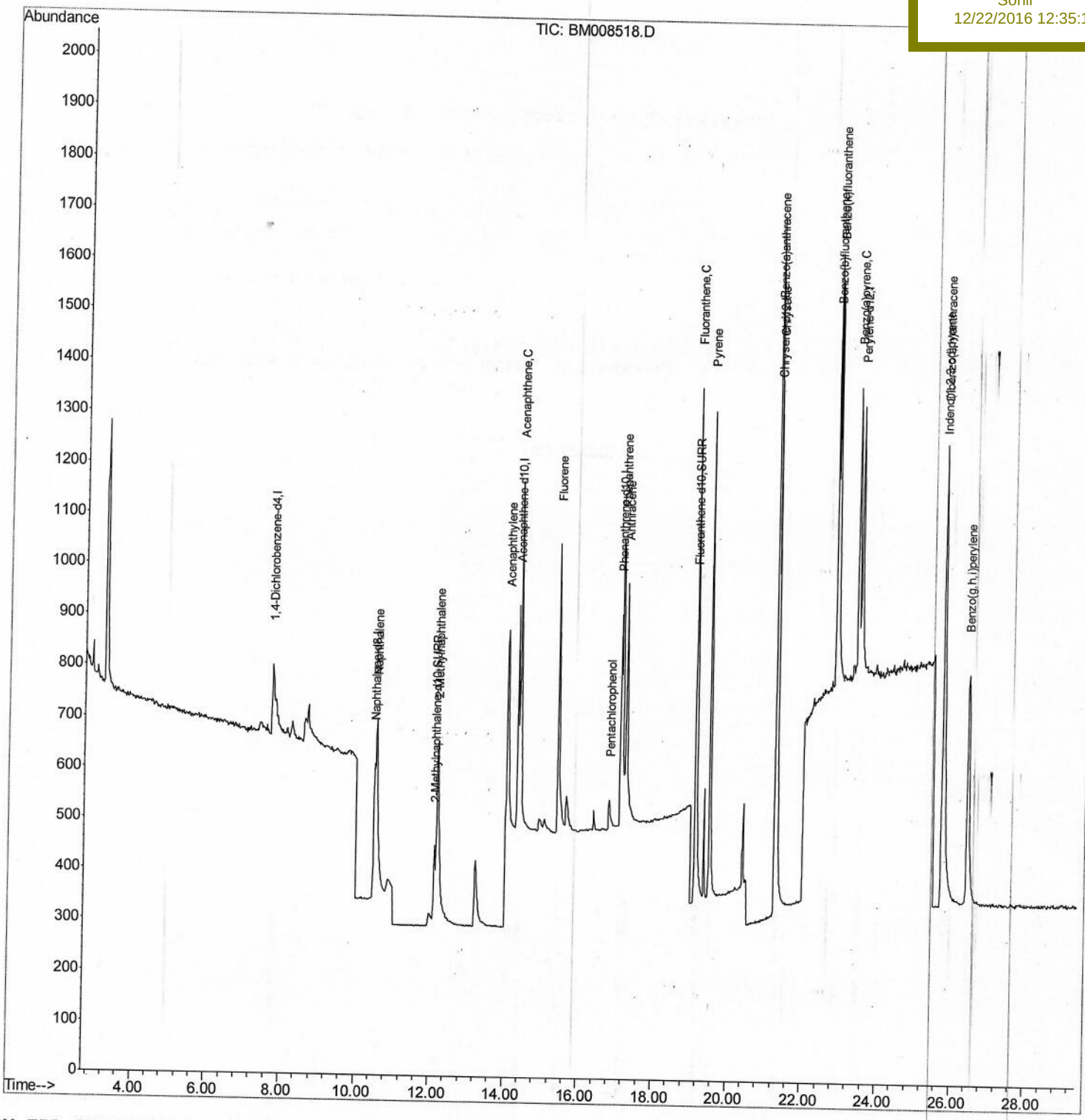


SOM-EPA-SIM-BM121916.M Thu Dec 22 00:24:29 2016