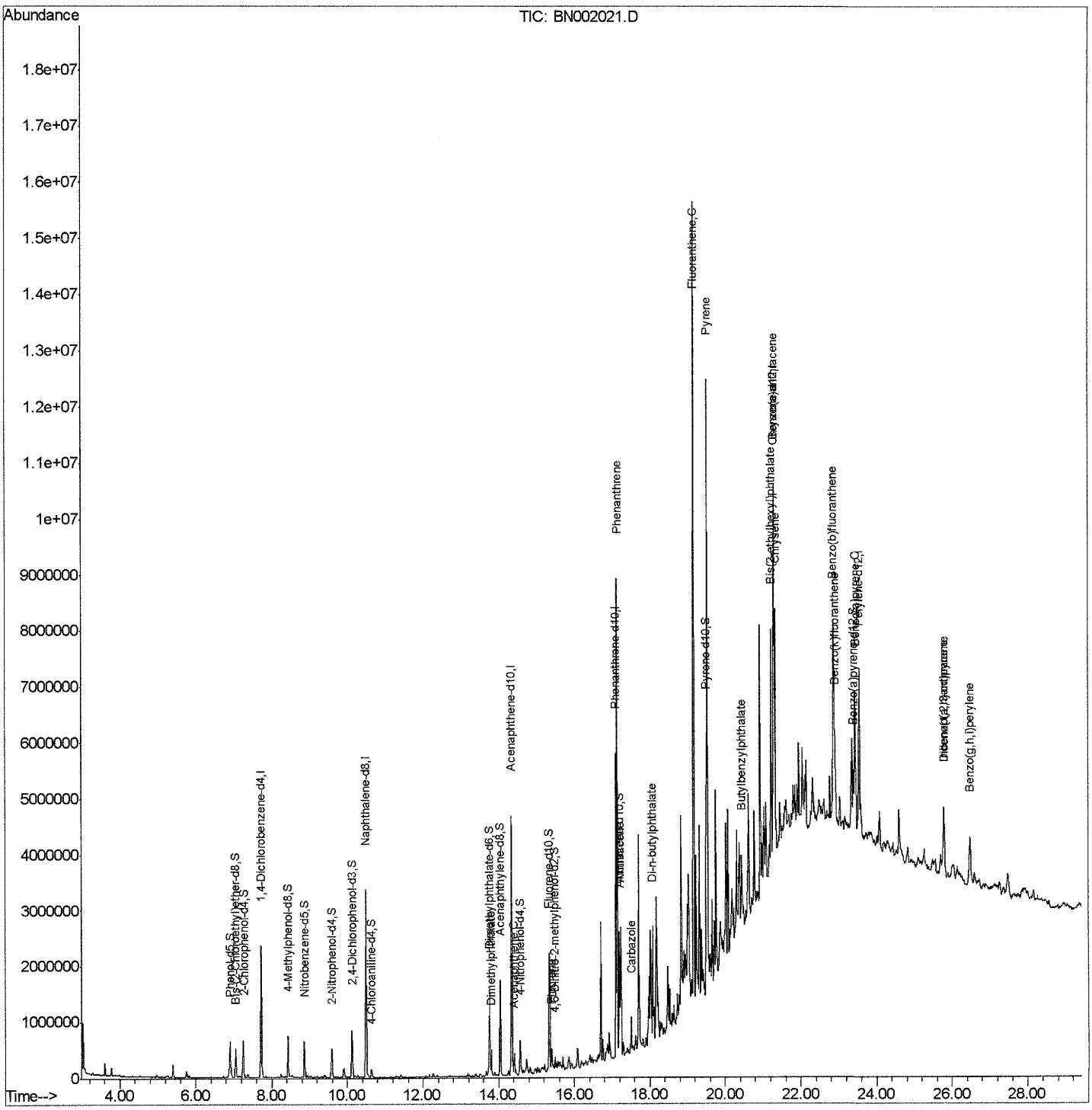
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002021.D
Acq On : 11 Jul 2018 21:18
Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 12 00:47:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 11 22:41:21 2018
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
DAZP6

**Manual Integrations APPROVED**
Sohil
7/12/2018 3:04:08 PM



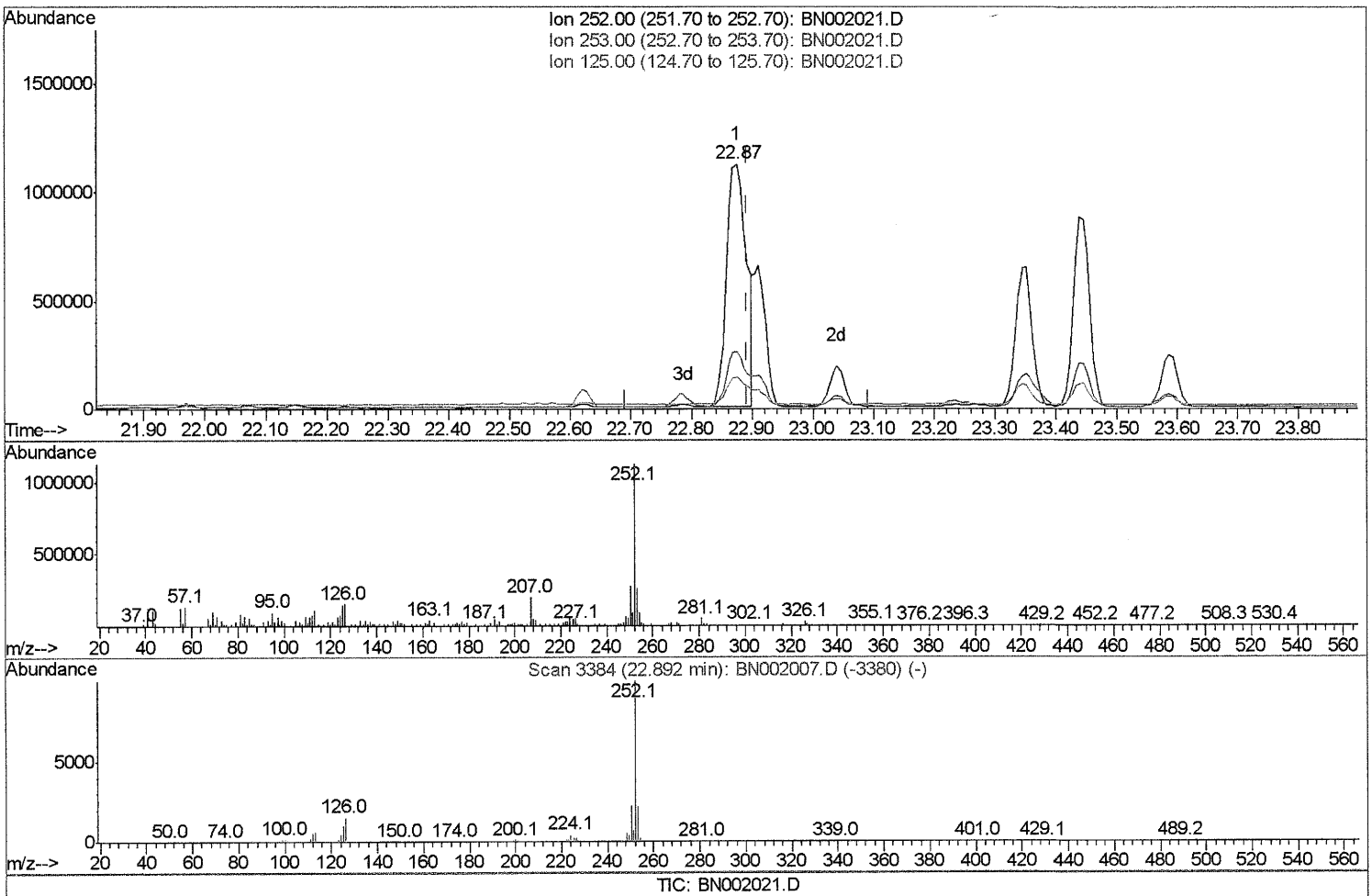
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002021.D
Acq On : 11 Jul 2018 21:18
Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 11 22:44:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 11 22:41:21 2018
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
DAZP6

**Manual Integrations APPROVED**
Sohil
7/12/2018 3:04:08 PM




TIC: BN002021.D

(86) Benzo(k)fluoranthene

22.874min (-0.018) 20.46ng/ul

response 2570649

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.40 | 23.58 |
| 125.00 | 6.70 | 13.33# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
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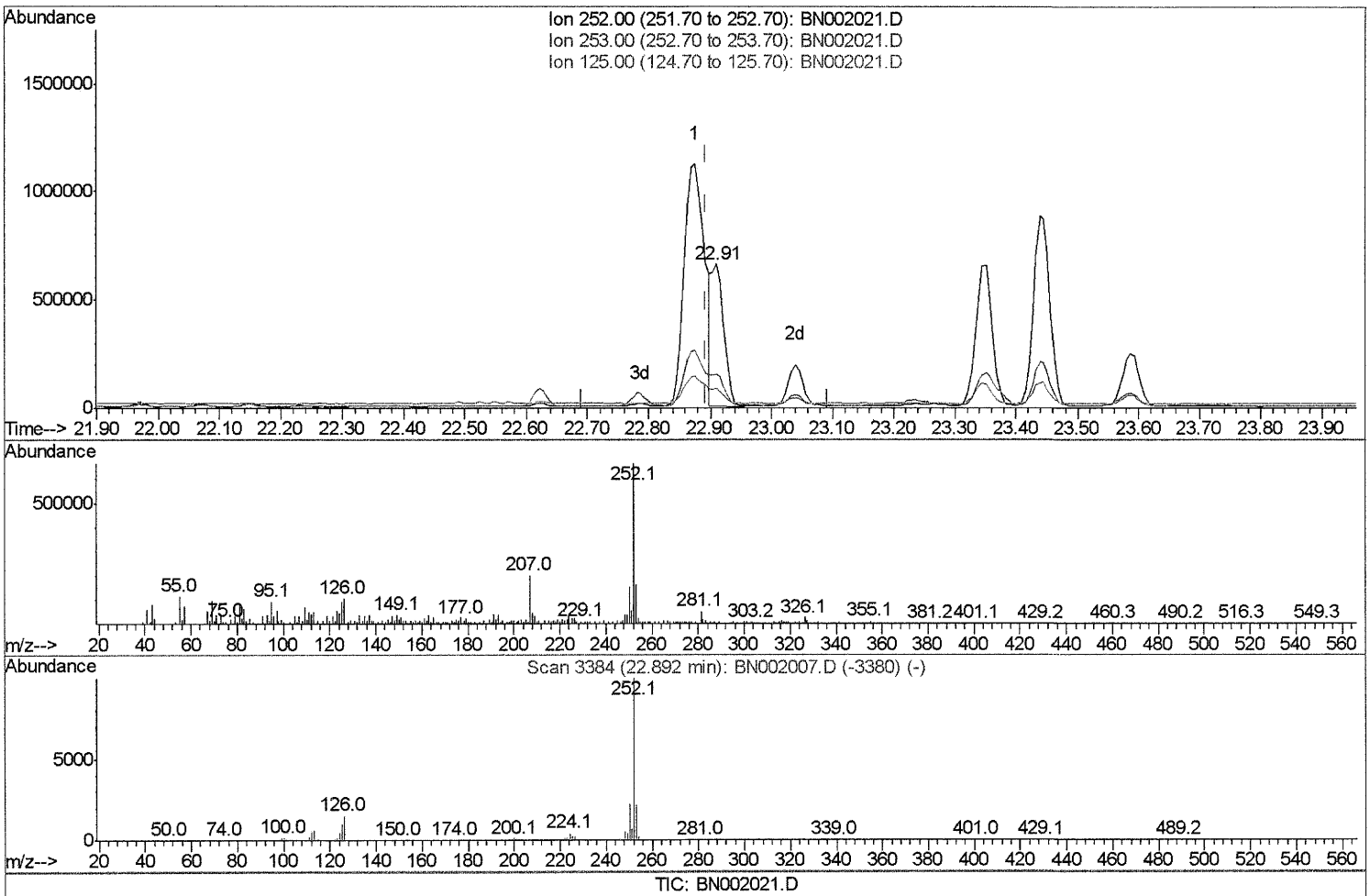
**Instrument :**
BNA_N
**ClientSampleId :**
DAZP6

**Manual Integrations APPROVED**
Sohil
7/12/2018 3:04:08 PM







TIC: BN002021.D

(86) Benzo(k)fluoranthene

22.909min (+0.017) 7.13ng/ul m > SJ 7/12/18

response 895852

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.40 | 24.42 |
| 125.00 | 6.70 | 13.77# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Instrument :
BNA_N
ClientSampleId :
DAZP6

Manual Integrations APPROVED
Sohil
7/12/2018 3:04:08 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002021.D
Acq On : 11 Jul 2018 21:18
Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 12 00:47:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 11 22:41:21 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 632492 | 20.00 | ng/ul | 0.01 |
| 18) Naphthalene-d8 | 10.49 | 136 | 2797314 | 20.00 | ng/ul | 0.01 |
| 35) Acenaphthene-d10 | 14.35 | 164 | 1570931 | 20.00 | ng/ul | 0.01 |
| 61) Phenanthrene-d10 | 17.10 | 188 | 3217956 | 20.00 | ng/ul | 0.02 |
| 75) Chrysene-d12 | 21.30 | 240 | 2026709 | 20.00 | ng/ul | 0.02 |
| 83) Perylene-d12 | 23.54 | 264 | 2051733 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.27 | 96 | 14390 | 0.99 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.90 | 99 | 371200 | 6.49 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.05 | 67 | 224471 | 6.36 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.26 | 132 | 301497 | 6.64 | ng/ul | 0.02 |
| 13) 4-Methylphenol-d8 | 8.43 | 113 | 281420 | 6.14 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5 | 8.86 | 128 | 149798 | 7.21 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 9.58 | 143 | 162172 | 7.54 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.12 | 165 | 312498 | 6.81 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4 | 10.63 | 131 | 78853 | 1.66 | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6 | 13.76 | 166 | 946829 | 7.14 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.04 | 160 | 1196287 | 7.30 | ng/ul | 0.01 |
| 51) 4-Nitrophenol-d4 | 14.57 | 143 | 138286 | 5.66 | ng/ul | 0.03 |
| 57) Fluorene-d10 | 15.34 | 176 | 839355 | 7.22 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 42400 | 2.42 | ng/ul | 0.02 |
| 70) Anthracene-d10 | 17.19 | 188 | 1188888 | 7.65 | ng/ul | 0.01 |
| 76) Pyrene-d10 | 19.50 | 212 | 1026465 | 10.05 | ng/ul | 0.02 |
| 87) Benzo(a)pyrene-d12 | 23.40 | 264 | 819631 | 7.35 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.80 | 163 | 283206 | 2.172 | ng/ul | 98 |
| 49) Acenaphthene | 14.41 | 153 | 147018 | 1.341 | ng/ul | 97 |
| 58) Fluorene | 15.40 | 166 | 147284 | 1.173 | ng/ul | 97 |
| 69) Phenanthrene | 17.14 | 178 | 5119887 | 28.244 | ng/ul | 99 |
| 71) Anthracene | 17.23 | 178 | 1422636 | 7.753 | ng/ul | 97 |
| 72) Carbazole | 17.50 | 167 | 385707 | 2.509 | ng/ul | 98 |
| 73) Di-n-butylphthalate | 18.07 | 149 | 1488943 | 7.671 | ng/ul | 99 |
| 74) Fluoranthene | 19.16 | 202 | 8718795 | 45.757 | ng/ul# | 87 |
| 77) Pyrene | 19.53 | 202 | 6722543 | 53.004 | ng/ul# | 87 |
| 78) Butylbenzylphthalate | 20.43 | 149 | 317675 | 5.870 | ng/ul | 95 |
| 80) Benzo(a)anthracene | 21.28 | 228 | 2740942 | 21.399 | ng/ul | 98 |
| 81) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 1532564 | 18.990 | ng/ul | 99 |
| 82) Chrysene | 21.33 | 228 | 2340660 | 19.640 | ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 22.87 | 252 | 2570649 | 19.837 | ng/ul# | 92 |
| 86) Benzo(k)fluoranthene | 22.91 | 252 | 895852m | 7.129 | ng/ul | |
| 88) Benzo(a)pyrene | 23.44 | 252 | 1640680 | 13.549 | ng/ul# | 91 |
| 89) Indeno(1,2,3-cd)pyrene | 25.79 | 276 | 1151980 | 8.940 | ng/ul# | 90 |
| 90) Dibenzo(a,h)anthracene | 25.79 | 278 | 314376 | 2.932 | ng/ul# | 74 |
| 91) Benzo(g,h,i)perylene | 26.48 | 276 | 1008528 | 9.488 | ng/ul# | 88 |

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

SJ 7/12/18