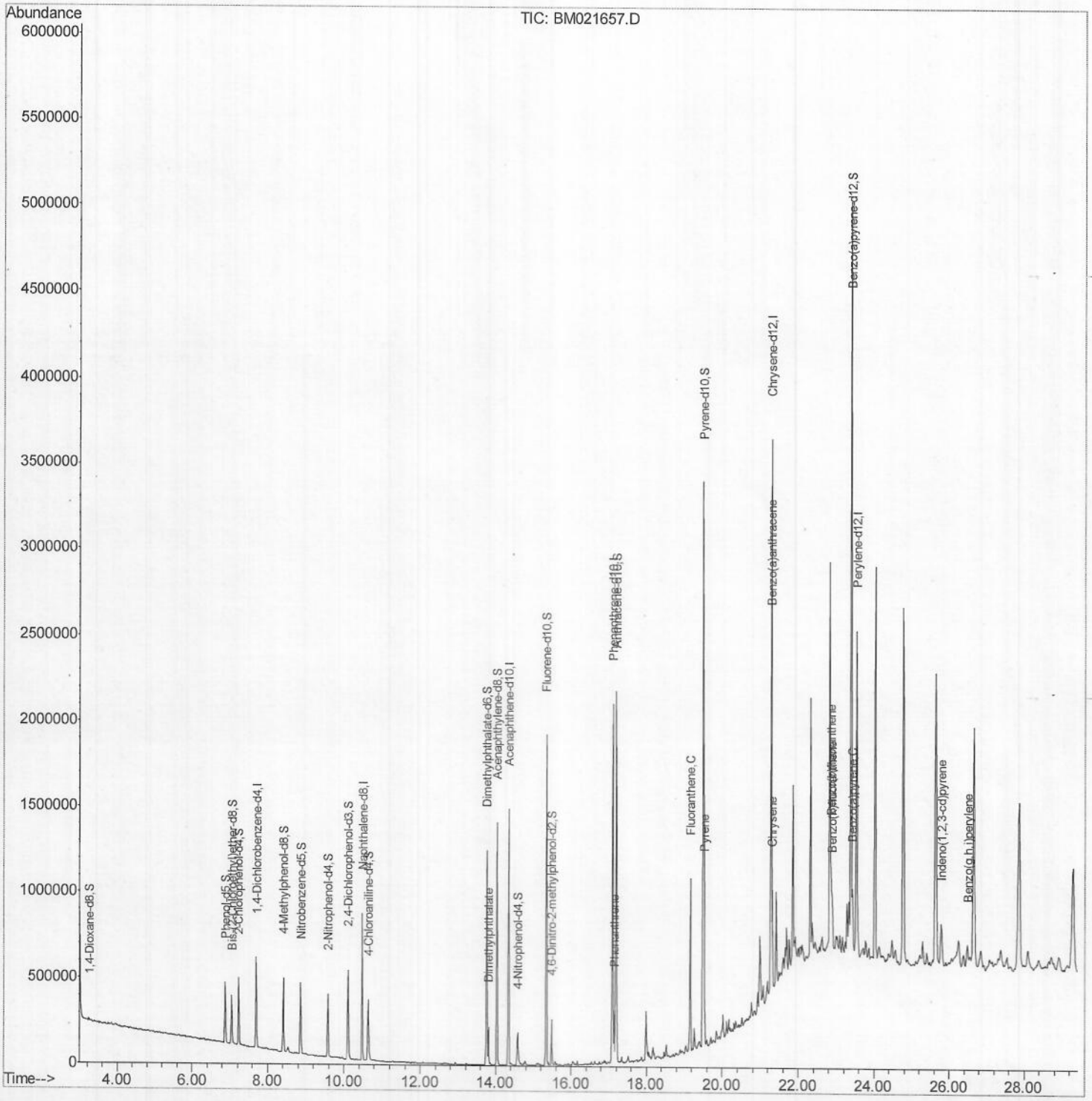
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021657.D
Acq On : 26 Jul 2019 04:20
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

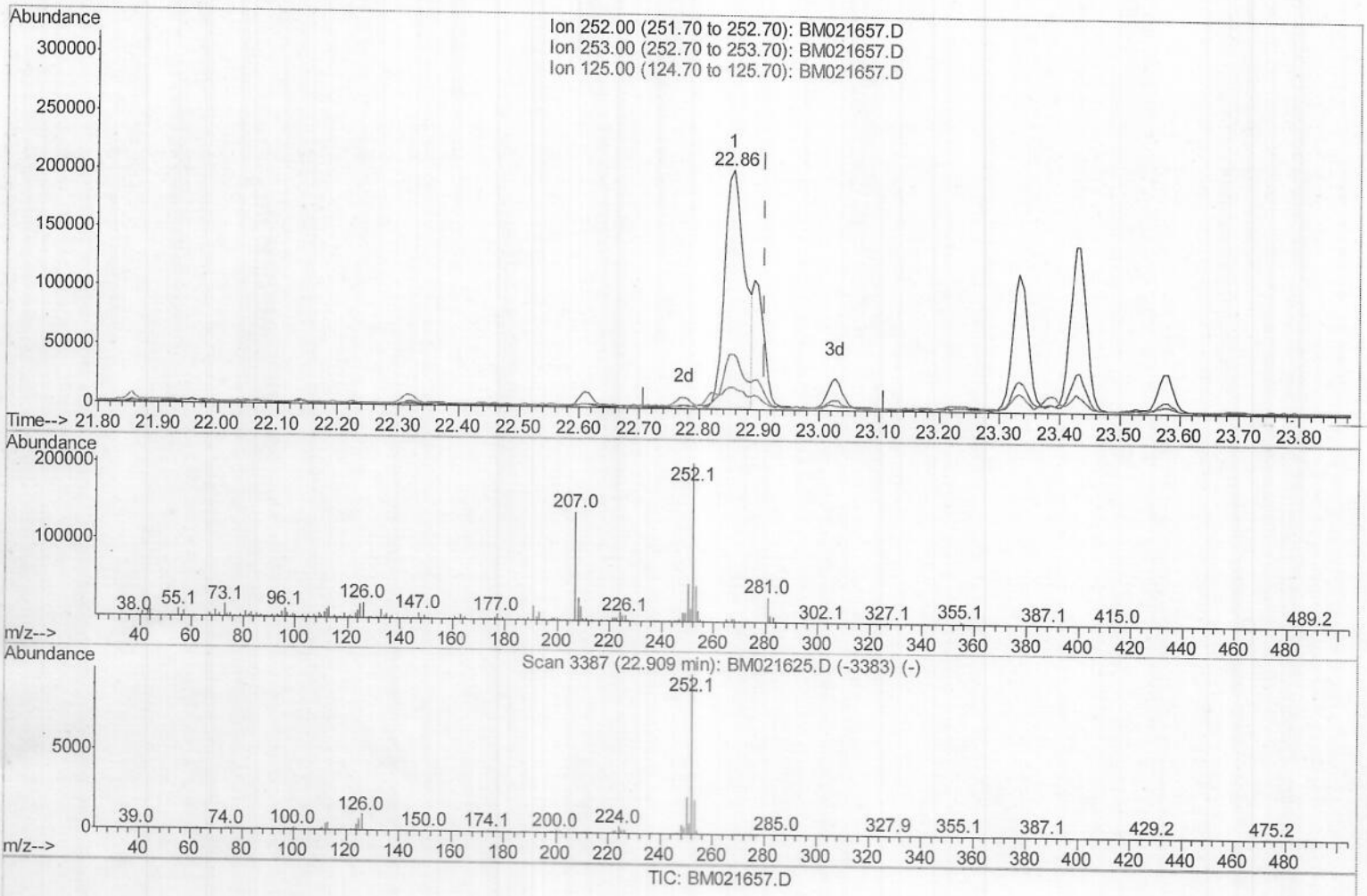
Quant Time: Aug 05 06:58:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021657.D
Acq On : 26 Jul 2019 04:20
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 26 05:46:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration




TIC: BM021657.D

(88) Benzo(k)fluoranthene

22.856min (-0.053) 5.77ng/ul

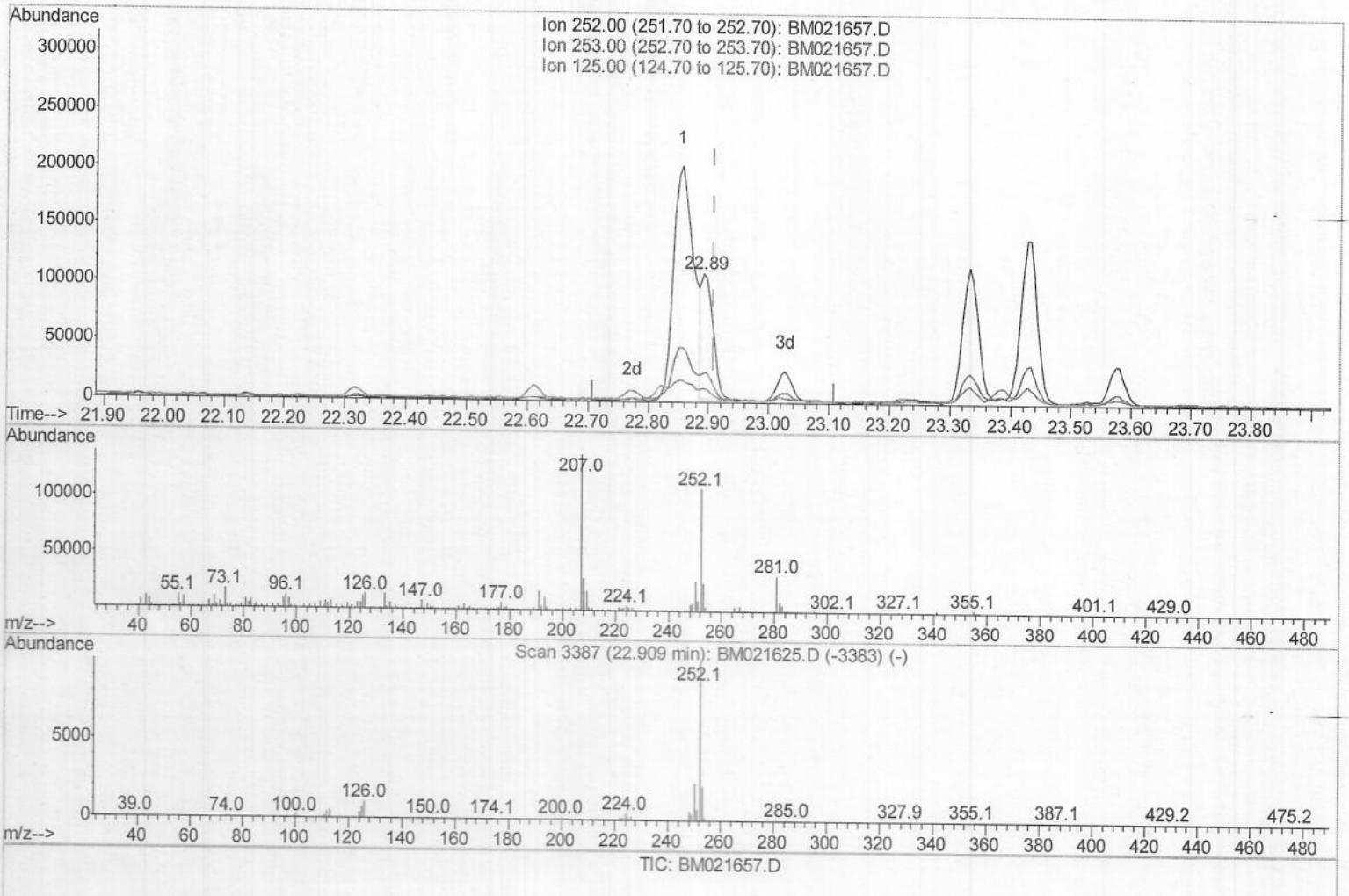
response 476762

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.10 | 22.97 |
| 125.00 | 8.00 | 9.32 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021657.D
Acq On : 26 Jul 2019 04:20
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 26 05:46:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration




(88) Benzo(k)fluoranthene

22.892min (-0.018) 1.60ng/ul m JU 07/26/19

response 132184

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.10 | 22.90 |
| 125.00 | 8.00 | 10.94# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021657.D
Acq On : 26 Jul 2019 04:20
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 05 06:58:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 149169 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.48 | 136 | 701319 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.35 | 164 | 511473 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.10 | 188 | 1212752 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.29 | 240 | 1405504 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.53 | 264 | 1393899 | 20.00 | ng/ul | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.25 | 96 | 8649 | 3.16 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.87 | 99 | 205368 | 16.23 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.05 | 67 | 133391 | 18.17 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.23 | 132 | 178667 | 18.01 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.40 | 113 | 163383 | 15.12 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.86 | 128 | 100686 | 19.40 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.57 | 143 | 113260 | 20.34 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.11 | 165 | 221501 | 17.83 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.63 | 131 | 219067 | 18.19 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.76 | 166 | 812928 | 18.55 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.03 | 160 | 920023 | 17.26 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.58 | 143 | 57925 | 7.71 | ng/ul | 0.01 |
| 57) Fluorene-d10 | 15.34 | 176 | 742229 | 18.77 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.48 | 200 | 55680 | 7.33 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.19 | 188 | 1249642 | 20.94 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.49 | 212 | 1557295 | 22.70 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.39 | 264 | 1590079 | 21.37 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.80 | 163 | 146366 | 3.479 | ng/ul | 99 |
| 69) Phenanthrene | 17.13 | 178 | 164960 | 2.493 | ng/ul | 98 |
| 76) Fluoranthene | 19.16 | 202 | 571484 | 6.967 | ng/ul | 99 |
| 79) Pyrene | 19.52 | 202 | 499801 | 5.970 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.27 | 228 | 263214 | 2.857 | ng/ul | 98 |
| 84) Chrysene | 21.32 | 228 | 331514 | 3.773 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 22.86 | 252 | 476762 | 5.657 | ng/ul# | 97 |
| 88) Benzo(k)fluoranthene | 22.89 | 252 | 132184m | 1.599 | ng/ul | |
| 90) Benzo(a)pyrene | 23.43 | 252 | 261533 | 3.232 | ng/ul# | 97 |
| 91) Indeno(1,2,3-cd)pyrene | 25.78 | 276 | 184964 | 1.882 | ng/ul | 99 |
| 93) Benzo(g,h,i)perylene | 26.47 | 276 | 160133 | 2.012 | ng/ul | 99 |

JU 07/26/19

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