Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

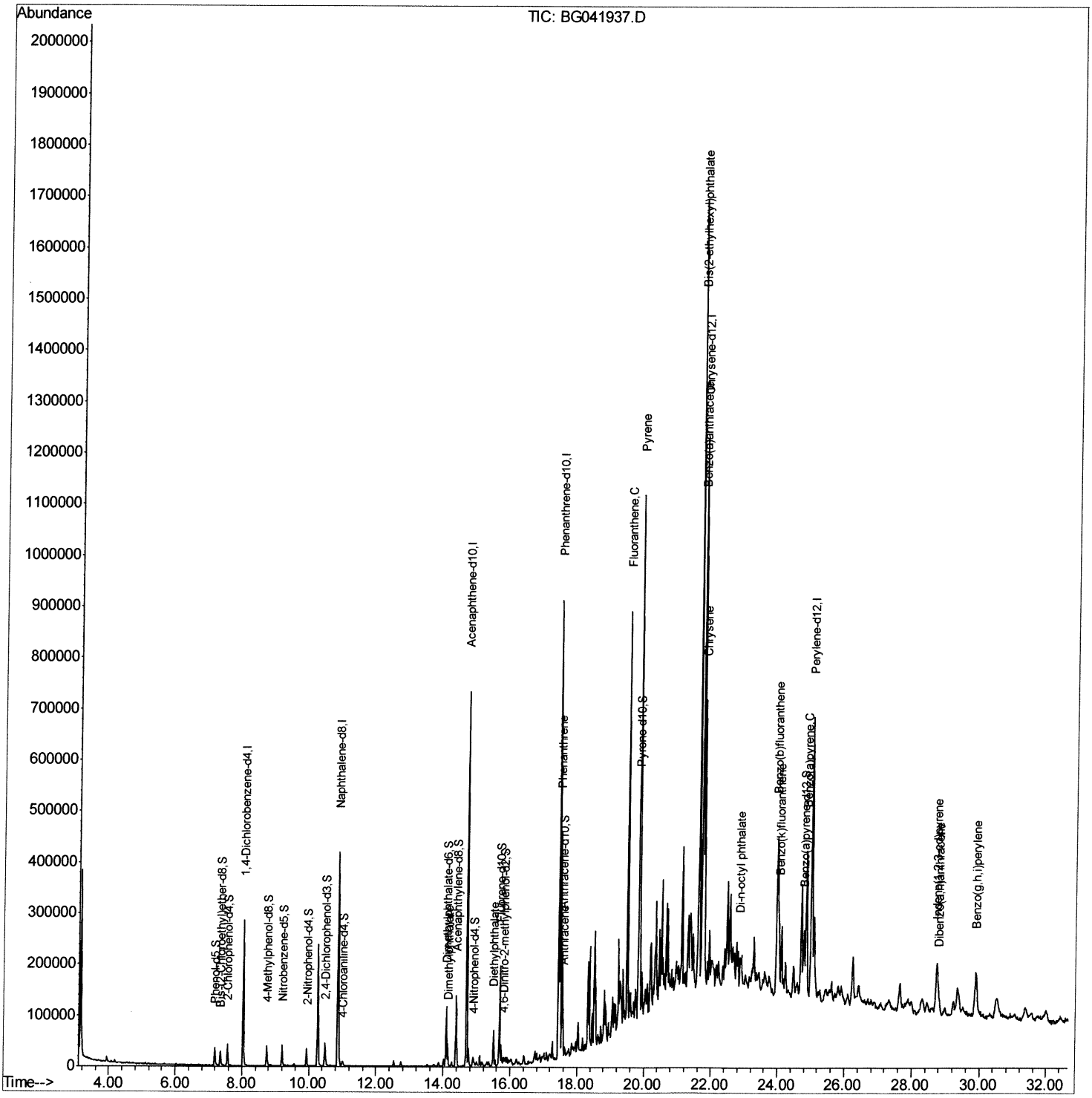
Quantitation Report (QT Reviewed)

Data File : BG041937.D
Acq On : 4 Aug 2019 11:12
Operator : HP/JU
Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 05 01:54:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
BENP5DL

**Manual Integrations APPROVED**
mohammad
8/6/2019 12:18:26 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

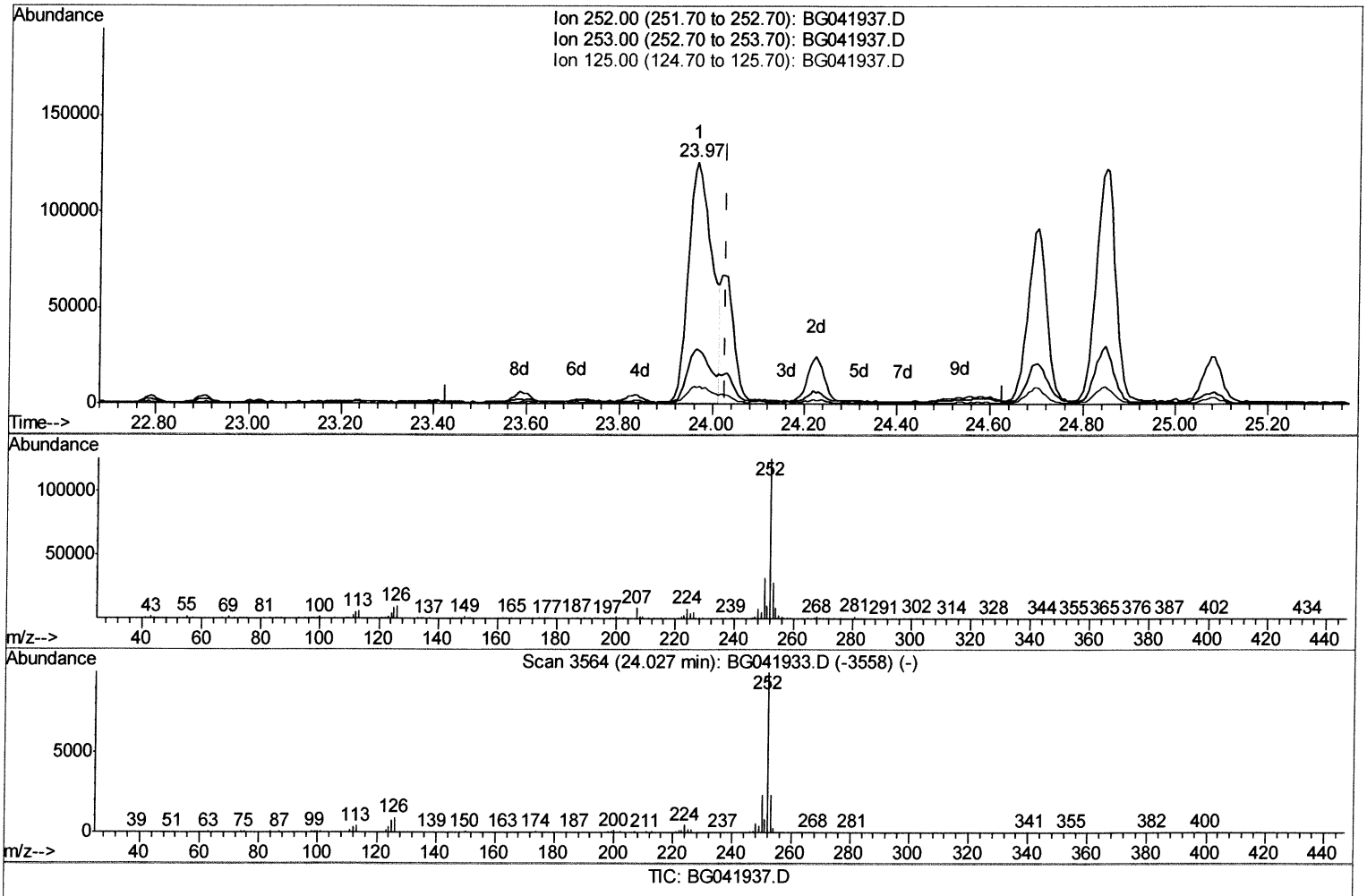
Quantitation Report (Qedit)

Data File : BG041937.D
Acq On : 4 Aug 2019 11:12
Operator : HP/JU
Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 05 01:22:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
BENP5DL

**Manual Integrations APPROVED**
mohammad
8/6/2019 12:18:26 PM




TIC: BG041937.D

(88) Benzo(k)fluoranthene

23.966min (-0.061) 10.84ng/ul

response 438359

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.90 | 22.70 |
| 125.00 | 6.90 | 6.70 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

Quantitation Report (Qedit)

Data File : BG041937.D
Acq On : 4 Aug 2019 11:12
Operator : HP/JU
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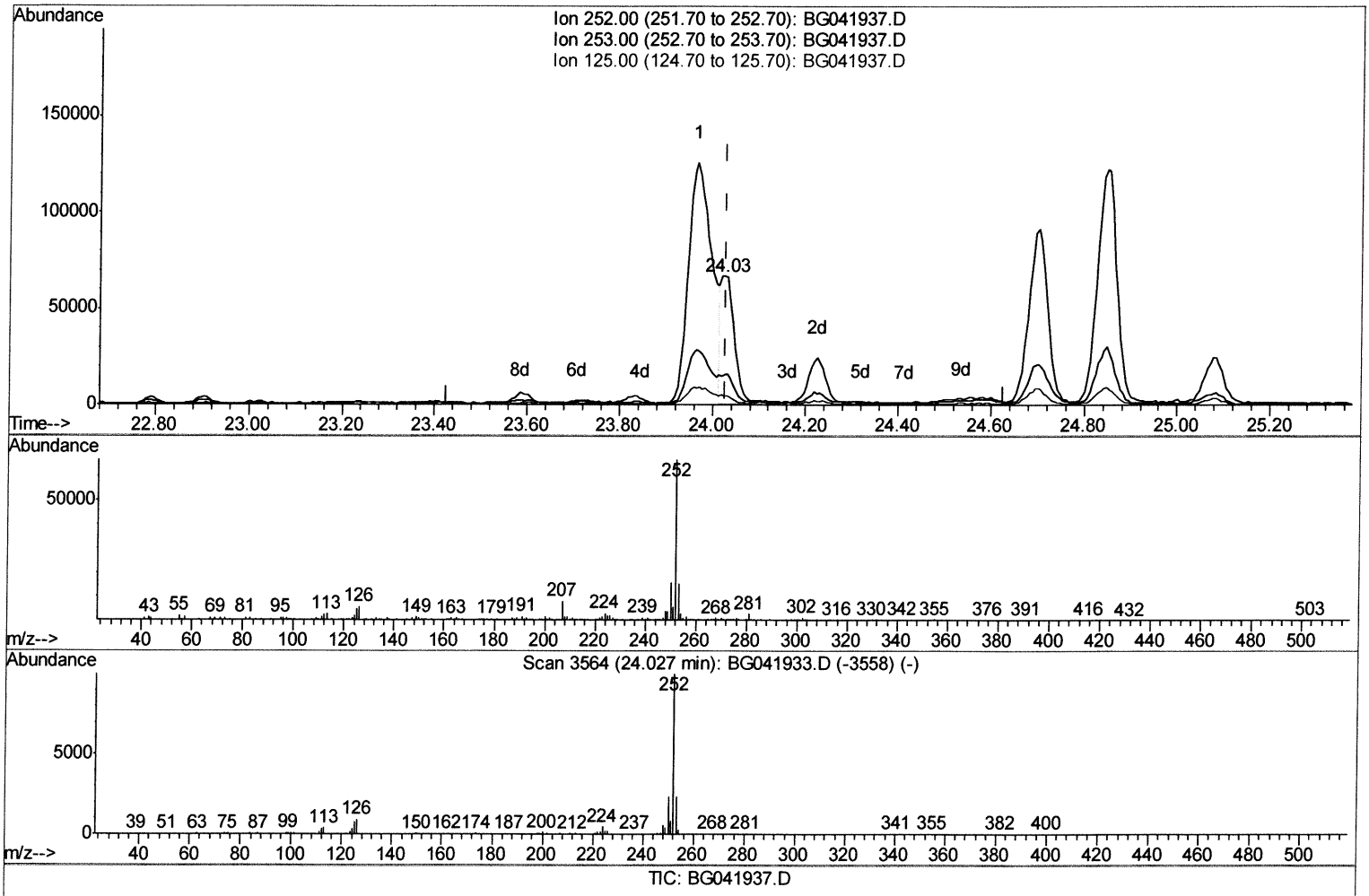
Quant Time: Aug 05 01:22:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
BENP5DL

**Manual Integrations APPROVED**
mohammad
8/6/2019 12:18:26 PM




TIC: BG041937.D

(88) Benzo(k)fluoranthene

24.025min (-0.002) 3.21ng/ul m JU 08/05/19

response 129674

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.90 | 22.80 |
| 125.00 | 6.90 | 7.22 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

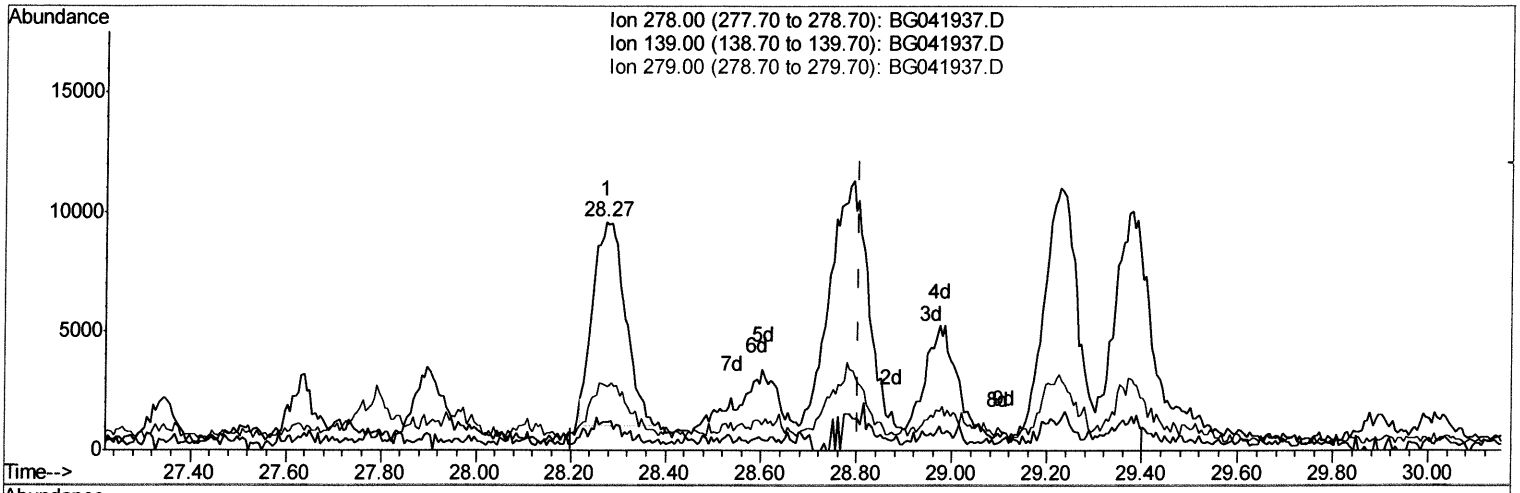
Quantitation Report (Qedit)

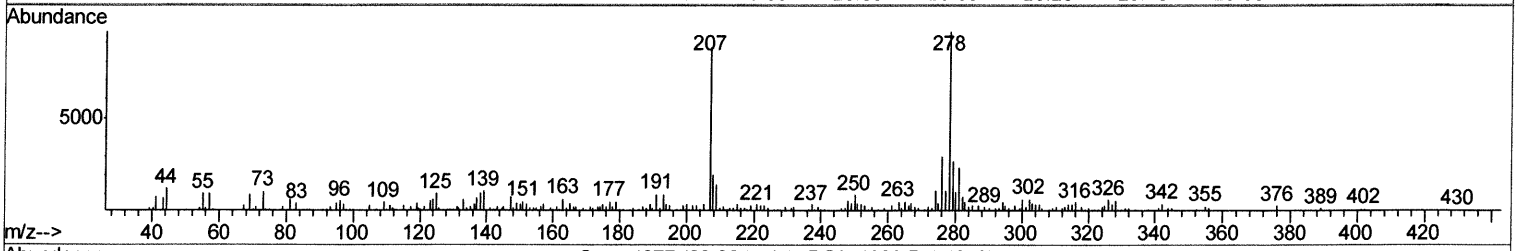
Data File : BG041937.D
Acq On : 4 Aug 2019 11:12
Operator : HP/JU
Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

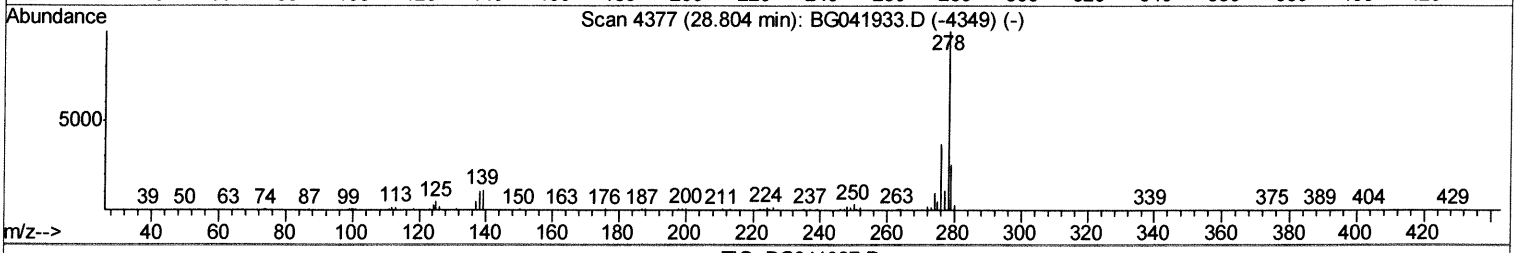
Quant Time: Aug 05 01:22:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
BENP5DL

**Manual Integrations APPROVED**
mohammad
8/6/2019 12:18:26 PM




TIC: BG041937.D

(92) Dibenzo(a,h)anthracene

28.273min (-0.531) 1.07ng/ul

response 40778

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100 | 100 |
| 139.00 | 11.70 | 12.36 |
| 279.00 | 24.00 | 28.25 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

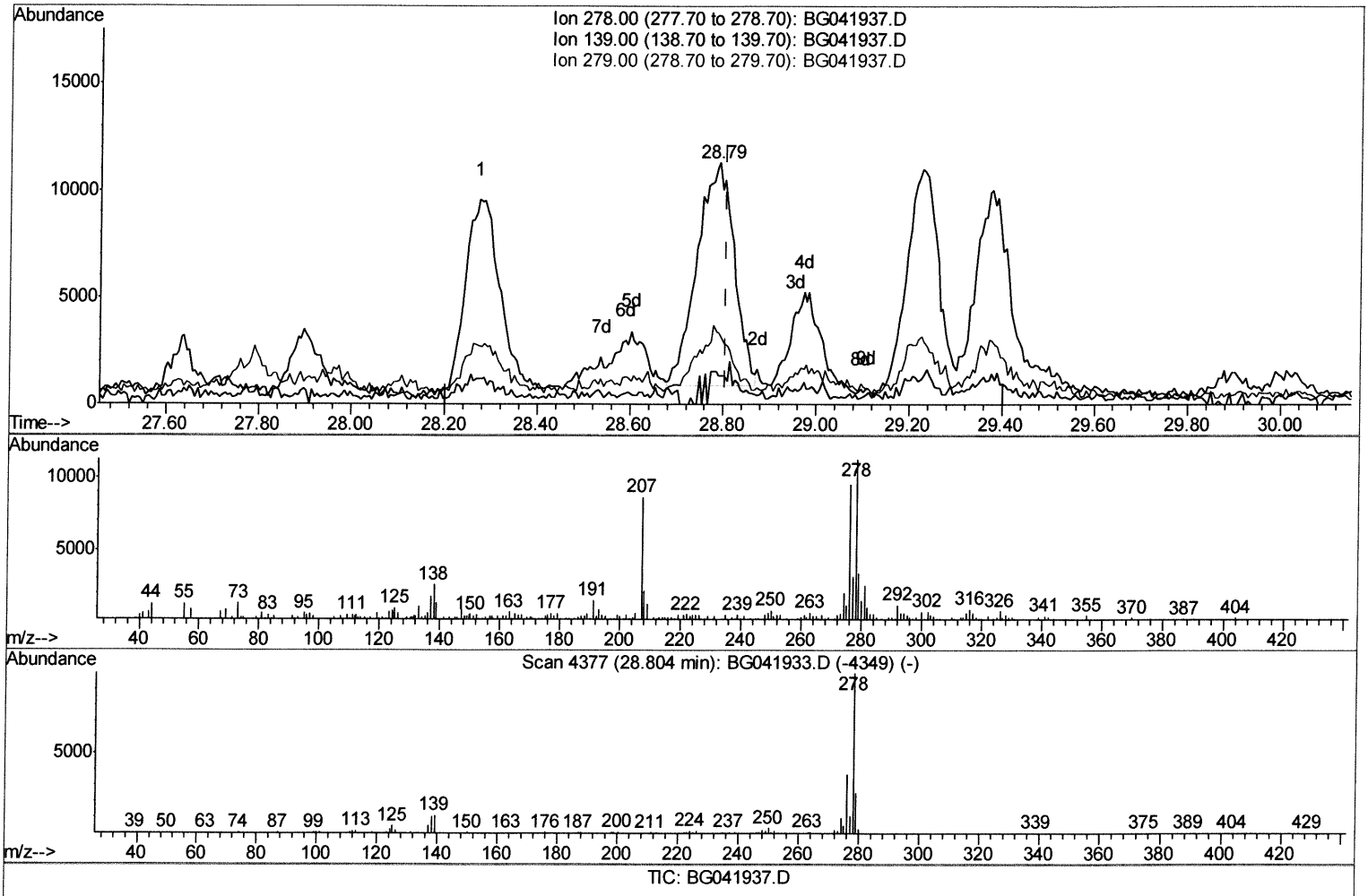
Quantitation Report (Qedit)

Data File : BG041937.D
Acq On : 4 Aug 2019 11:12
Operator : HP/JU
Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 05 01:22:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
BENP5DL

**Manual Integrations APPROVED**
mohammad
8/6/2019 12:18:26 PM




TIC: BG041937.D

(92) Dibenzo(a,h)anthracene

28.790min (-0.014) 1.50ng/ul m JU 08/05/19

response 57053

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100 | 100 |
| 139.00 | 11.70 | 11.82 |
| 279.00 | 24.00 | 29.61# |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

Quantitation Report (QT Reviewed)

Data File : BG041937.D
Acq On : 4 Aug 2019 11:12
Operator : HP/JU
Sample : K3850-06DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Aug 05 01:54:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** BENP5DL

**Manual Integrations APPROVED**
mohammad
8/6/2019 12:18:26 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.03 | 152 | 94449 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.86 | 136 | 395180 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.69 | 164 | 278277 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.44 | 188 | 589102 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.73 | 240 | 561352 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 25.00 | 264 | 670273 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.42 | 96 | 906 | 0.42 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.19 | 99 | 24771 | 3.34 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.35 | 67 | 14856 | 3.58 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.56 | 132 | 24221 | 3.82 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.74 | 113 | 19008 | 3.05 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.20 | 128 | 12172 | 4.09 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.93 | 143 | 14151 | 4.10 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.48 | 165 | 25676 | 3.68 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.00 | 131 | 8612 | 1.11 | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6 | 14.09 | 166 | 91778 | 4.25 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.38 | 160 | 109061 | 4.42 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.89 | 143 | 6641 | 1.83 | ng/ul | 0.02 |
| 57) Fluorene-d10 | 15.69 | 176 | 83544 | 4.35 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.81 | 200 | 5351 | 1.42 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.54 | 188 | 129843 | 4.59 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.83 | 212 | 146043 | 4.66 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.77 | 264 | 152059 | 4.34 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 14.14 | 163 | 33362 | 1.557 | ng/ul# | 95 |
| 56) Diethylphthalate | 15.51 | 149 | 38973 | 1.828 | ng/ul | 96 |
| 69) Phenanthrene | 17.49 | 178 | 289081 | 8.964 | ng/ul | 99 |
| 71) Anthracene | 17.58 | 178 | 71069 | 2.173 | ng/ul | 99 |
| 76) Fluoranthene | 19.50 | 202 | 527134 | 14.146 | ng/ul | 97 |
| 79) Pyrene | 19.86 | 202 | 691146 | 18.304 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.71 | 228 | 410296 | 10.542 | ng/ul | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.62 | 149 | 700007 | 34.519 | ng/ul | 99 |
| 84) Chrysene | 21.77 | 228 | 431313 | 11.873 | ng/ul | 98 |
| 86) Di-n-octyl phthalate | 22.86 | 149 | 51168 | 1.543 | ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 23.97 | 252 | 438359 | 10.421 | ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 24.03 | 252 | 129674m> | 3.206 | ng/ul | |
| 90) Benzo(a)pyrene | 24.85 | 252 | 348621 | 8.698 | ng/ul | 97 |
| 91) Indeno(1,2,3-cd)pyrene | 28.74 | 276 | 181523 | 3.883 | ng/ul | 97 |
| 92) Dibenzo(a,h)anthracene | 28.79 | 278 | 57053m> | 1.496 | ng/ul | |
| 93) Benzo(g,h,i)perylene | 29.89 | 276 | 183852 | 4.710 | ng/ul | 98 |

JU 08/05/19

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