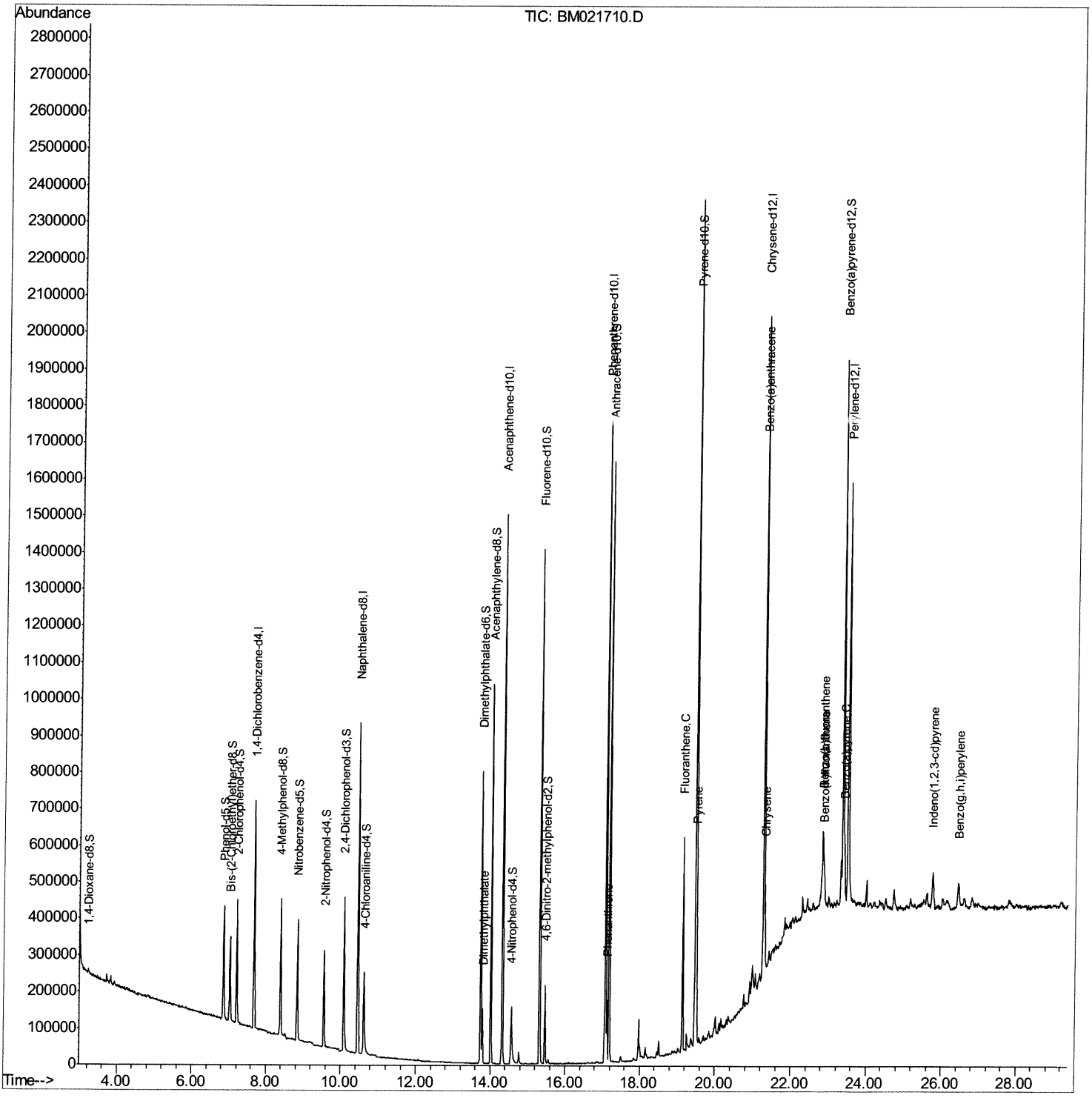
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072919\
Data File : BM021710.D
Acq On : 30 Jul 2019 01:14
Operator : HP/JU
Sample : K3863-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 30 05:28:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
A52F2

**Manual Integrations APPROVED**
mohammad
7/30/2019 4:51:44 PM



Quantitation Report (Qedit)

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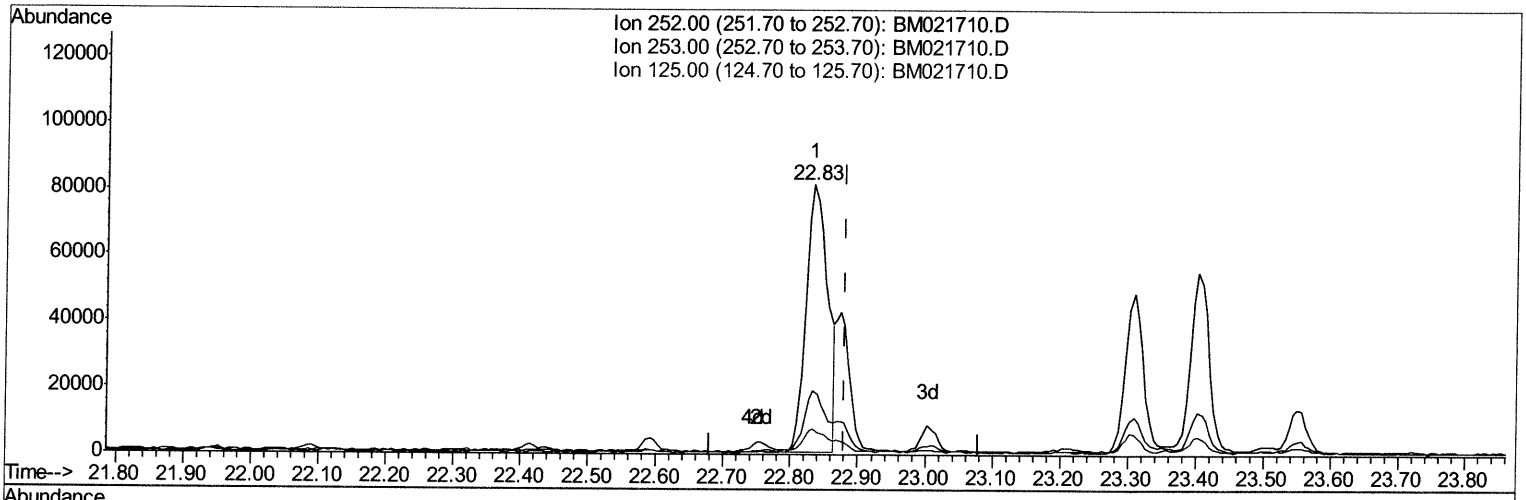
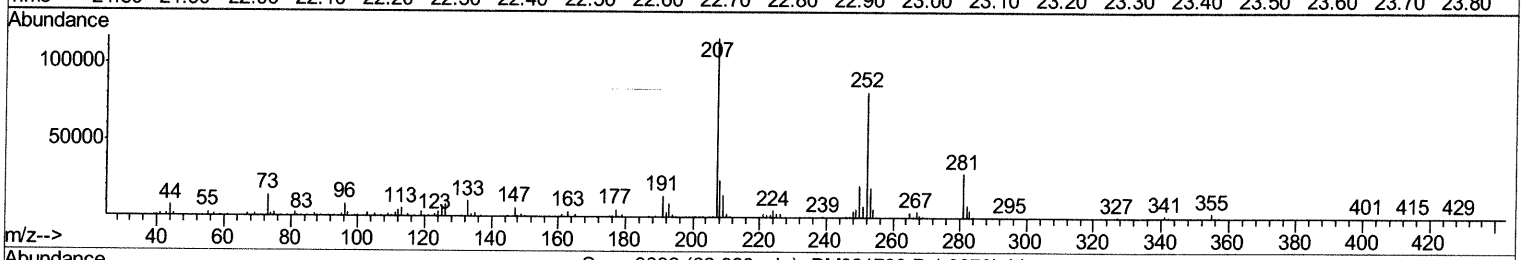
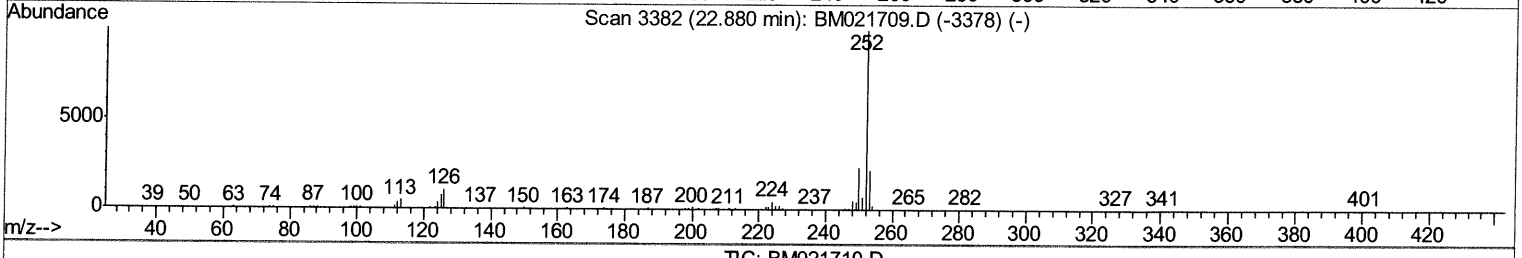
7/30/2019 4:51:44 PM




TIC: BM021710.D

(88) Benzo(k)fluoranthene

22.833min (-0.047) 3.21ng/ul

response 179344

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.10 | 23.49 |
| 125.00 | 7.90 | 9.57# |
| 0.00 | 0.00 | 0.00 |

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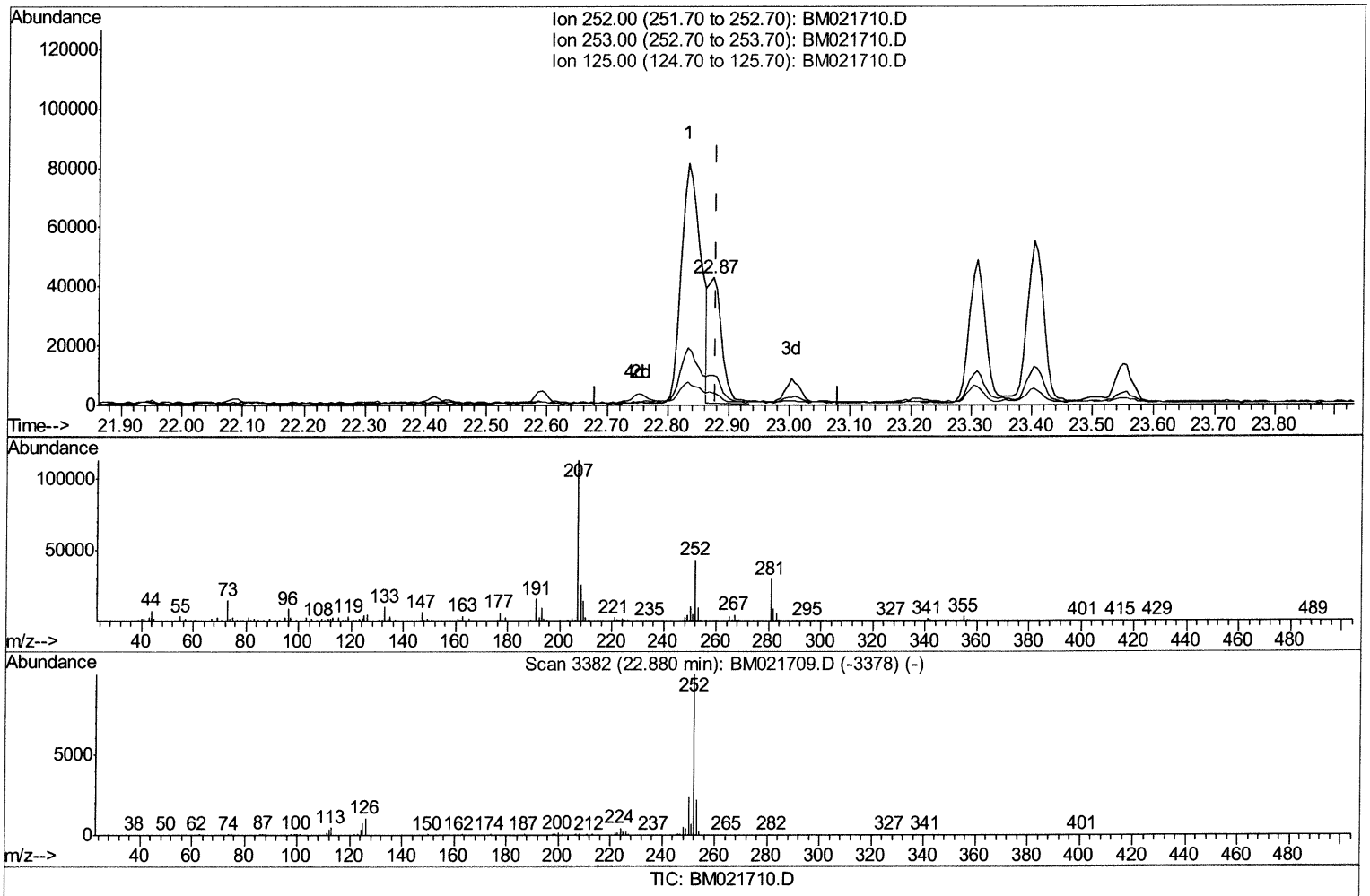
**Instrument :**
BNA_M
**ClientSampleId :**
A52F2

**Manual Integrations APPROVED**
mohammad
7/30/2019 4:51:44 PM




TIC: BM021710.D

(88) Benzo(k)fluoranthene

22.874min (-0.006) 1.13ng/ul m 07/31/19

response 63202

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 22.10 | 23.24 |
| 125.00 | 7.90 | 9.90# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** A52F2

**Manual Integrations APPROVED**
mohammad
7/30/2019 4:51:44 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.68 | 152 | 175046 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.46 | 136 | 733696 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.32 | 164 | 475890 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.07 | 188 | 1000836 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.27 | 240 | 778792 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.50 | 264 | 839954 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.23 | 96 | 8176 | 2.25 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.86 | 99 | 181991 | 13.82 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.03 | 67 | 107382 | 14.24 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.21 | 132 | 151721 | 13.89 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.39 | 113 | 143243 | 12.96 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.85 | 128 | 76255 | 13.90 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.56 | 143 | 83251 | 13.78 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.09 | 165 | 179458 | 13.87 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.62 | 131 | 151223 | 12.36 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.74 | 166 | 550862 | 15.00 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.02 | 160 | 674265 | 15.45 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.56 | 143 | 51143 | 9.17 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.32 | 176 | 543542 | 16.87 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 47120 | 7.57 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.17 | 188 | 957052 | 19.00 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.47 | 212 | 1160149 | 26.56 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.36 | 264 | 1036176 | 23.32 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.79 | 163 | 99777 | 2.617 | ng/ul | 99 |
| 69) Phenanthrene | 17.12 | 178 | 101848 | 1.690 | ng/ul | 99 |
| 76) Fluoranthene | 19.14 | 202 | 328245 | 4.668 | ng/ul | 99 |
| 79) Pyrene | 19.50 | 202 | 272733 | 4.693 | ng/ul | 98 |
| 82) Benzo(a)anthracene | 21.26 | 228 | 95445 | 1.683 | ng/ul | 96 |
| 84) Chrysene | 21.30 | 228 | 137919 | 2.580 | ng/ul | 99 |
| 87) Benzo(b)fluoranthene | 22.83 | 252 | 179344 | 3.138 | ng/ul# | 96 |
| 88) Benzo(k)fluoranthene | 22.87 | 252 | 63202m> | 1.131 | ng/ul | 96 |
| 90) Benzo(a)pyrene | 23.40 | 252 | 102064 | 1.907 | ng/ul | 96 |
| 91) Indeno(1,2,3-cd)pyrene | 25.74 | 276 | 88671 | 1.429 | ng/ul | 98 |
| 93) Benzo(g,h,i)perylene | 26.43 | 276 | 89671 | 1.738 | ng/ul | 97 |

JU 07/31/19

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