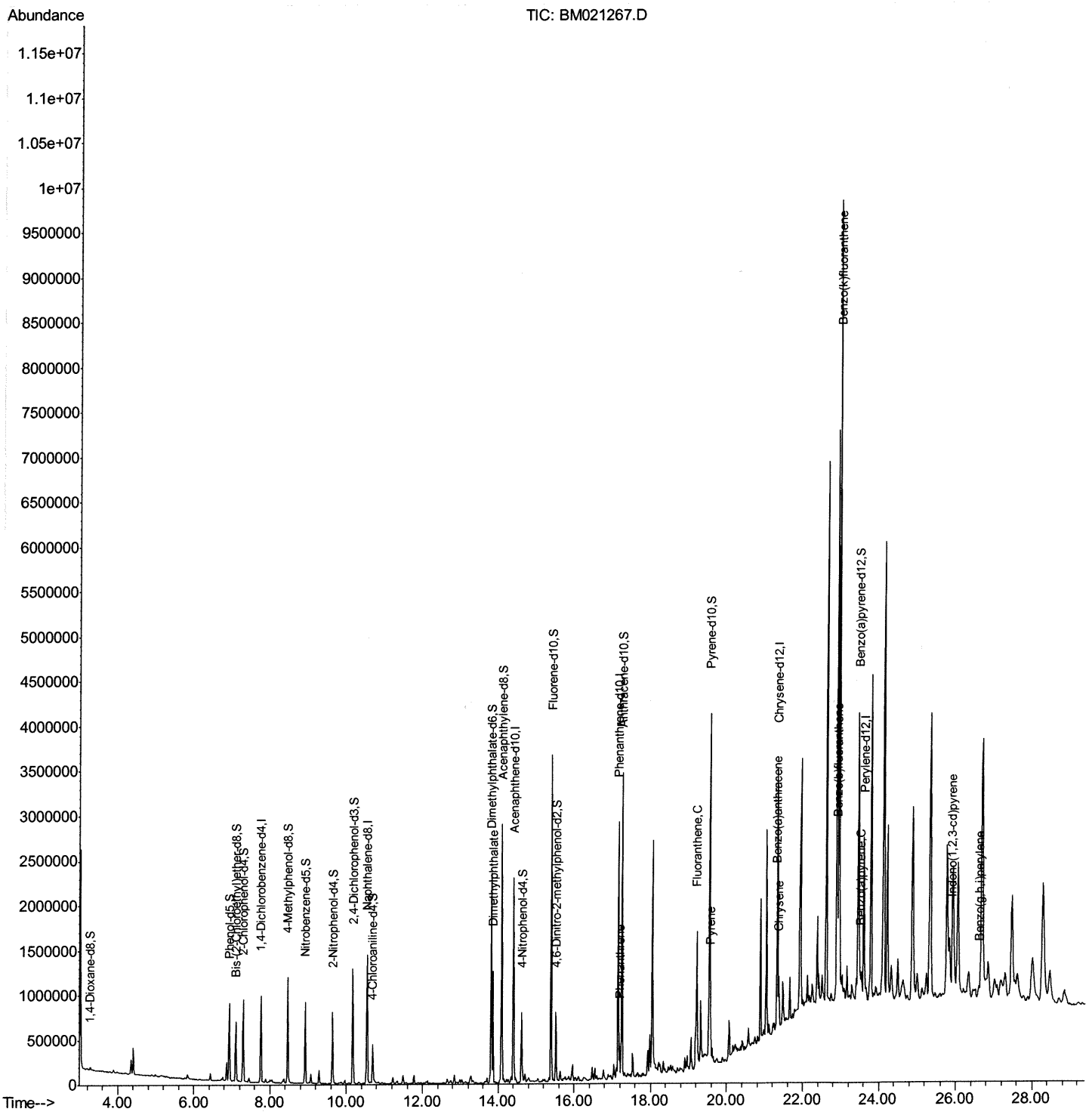
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021267.D
Acq On : 29 Jun 2019 18:15
Operator : HP/JU
Sample : K3593-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 29 23:46:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C7BC6

**Manual Integrations APPROVED**
mohammad
7/1/2019 2:43:10 PM



# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
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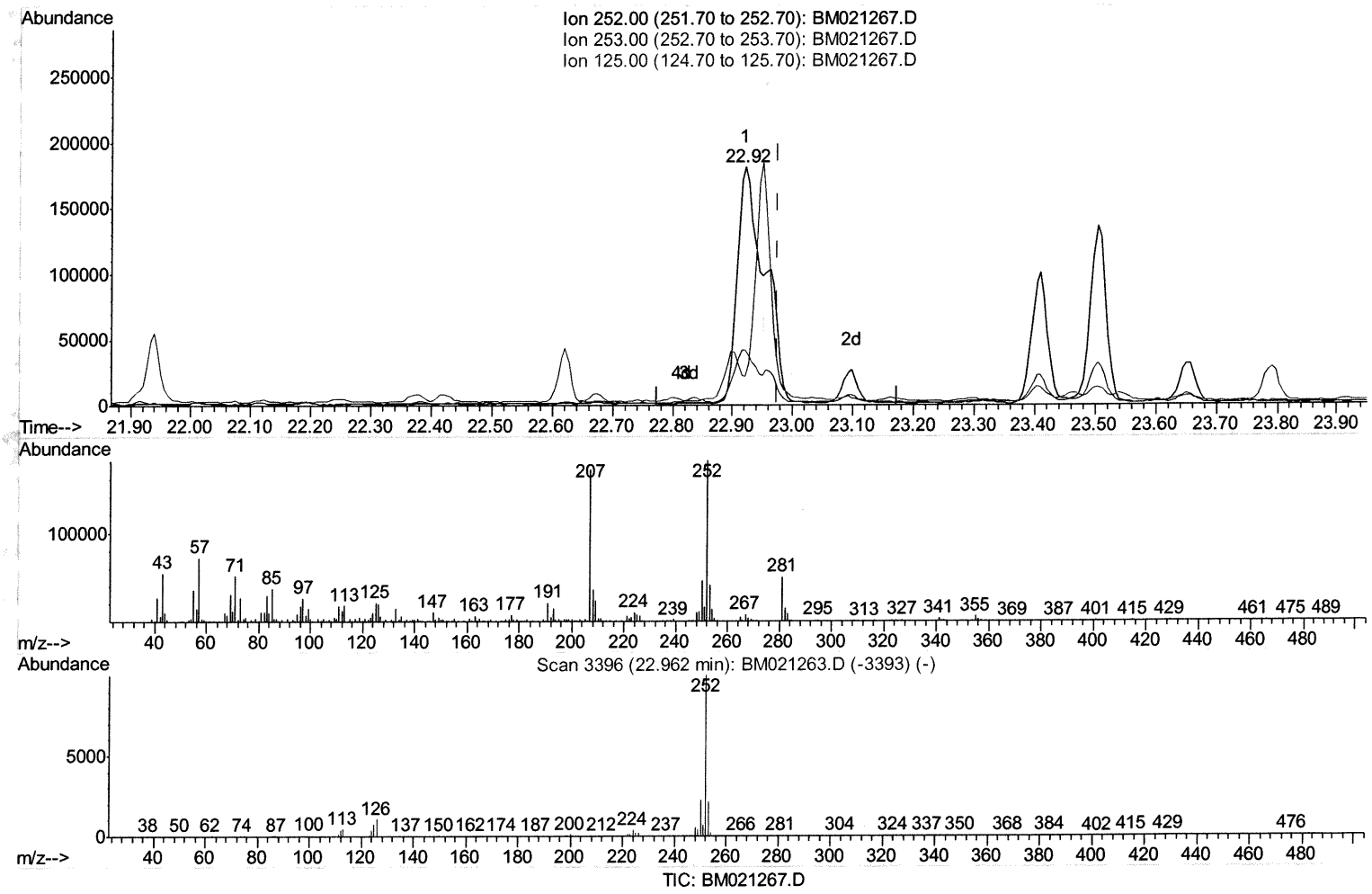
7/1/2019 2:43:10 PM










TIC: BM021267.D

(88) Benzo(k)fluoranthene

22.921min (-0.053) 5.15ng/ul

response 427962

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.90 | 22.97 |
| 125.00 | 8.20 | 11.94# |
| 0.00 | 0.00 | 0.00 |

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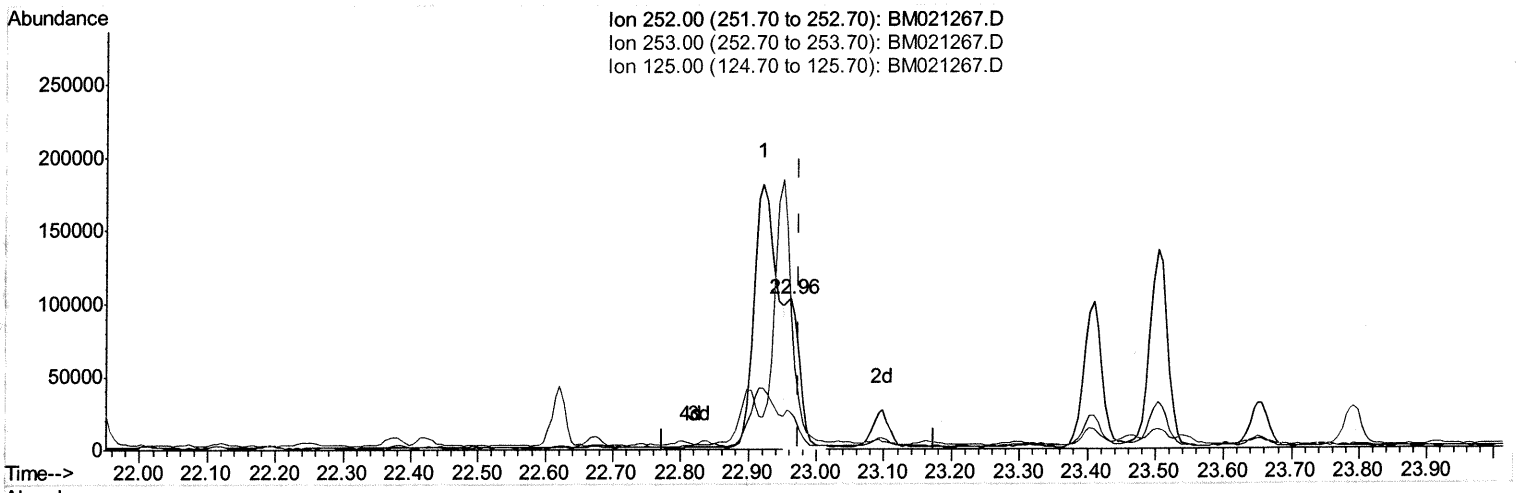
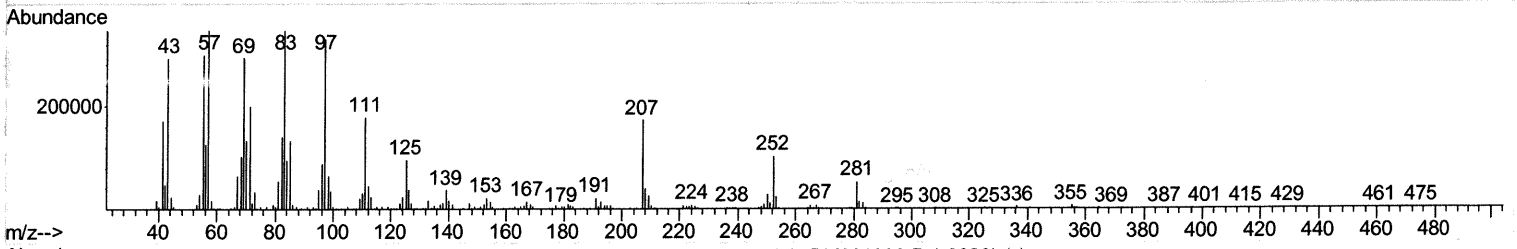
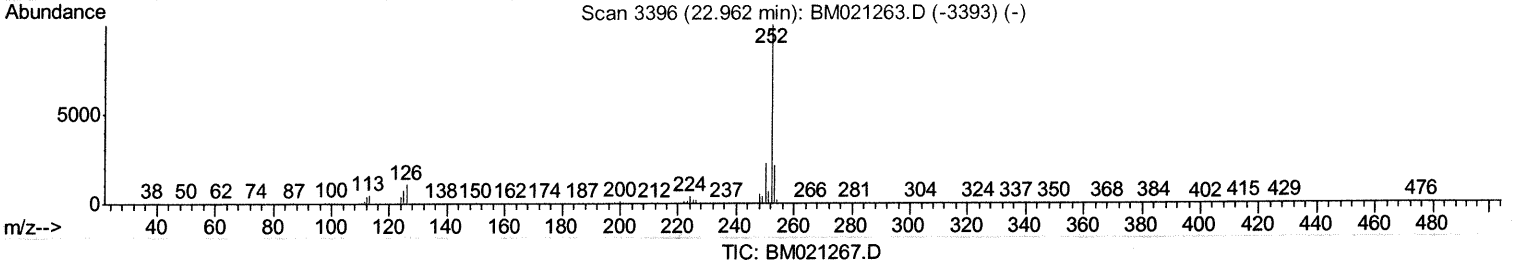
**Manual Integrations APPROVED**
mohammad
7/1/2019 2:43:10 PM




TIC: BM021267.D

(88) Benzo(k)fluoranthene

22.962min (-0.012) 1.78ng/ul m JU 07/01/19

response 147826

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100 | 100 |
| 253.00 | 21.90 | 24.37 |
| 125.00 | 8.20 | 93.14# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** C7BC6

**Manual Integrations APPROVED**
mohammad
7/1/2019 2:43:10 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 274009 | 20.00 | ng/ul | -0.01 |
| 18) Naphthalene-d8 | 10.55 | 136 | 1216758 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.40 | 164 | 763432 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.15 | 188 | 1690130 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.33 | 240 | 1197728 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.60 | 264 | 1362409 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.28 | 96 | 19172 | 3.32 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.93 | 99 | 501625 | 21.03 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.10 | 67 | 295029 | 20.76 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.29 | 132 | 413882 | 21.36 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.46 | 113 | 443922 | 22.30 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.92 | 128 | 227834 | 23.06 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.63 | 143 | 268752 | 24.50 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.17 | 165 | 517754 | 23.22 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.69 | 131 | 278211 | 11.96 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.82 | 166 | 1672298 | 24.24 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.09 | 160 | 1947273 | 23.06 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.62 | 143 | 215611 | 19.22 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.39 | 176 | 1421689 | 23.69 | ng/ul | -0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 173543 | 16.70 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.24 | 188 | 2014084 | 22.93 | ng/ul | -0.01 |
| 78) Pyrene-d10 | 19.54 | 212 | 1885661 | 26.24 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.46 | 264 | 1811431 | 22.54 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.86 | 163 | 832177 | 13.252 | ng/ul | 99 |
| 69) Phenanthrene | 17.19 | 178 | 215118 | 2.301 | ng/ul | 99 |
| 76) Fluoranthene | 19.21 | 202 | 593864 | 5.880 | ng/ul | 99 |
| 79) Pyrene | 19.57 | 202 | 483947 | 5.715 | ng/ul | 100 |
| 82) Benzo(a)anthracene | 21.32 | 228 | 238255 | 2.918 | ng/ul | 98 |
| 84) Chrysene | 21.37 | 228 | 278442 | 3.641 | ng/ul | 97 |
| 87) Benzo(b)fluoranthene | 22.92 | 252 | 427962 | 4.959 | ng/ul# | 95 |
| 88) Benzo(k)fluoranthene | 22.96 | 252 | 147826m> | 1.780 | ng/ul | |
| 90) Benzo(a)pyrene | 23.50 | 252 | 246216 | 3.031 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.89 | 276 | 204587 | 2.139 | ng/ul | 99 |
| 93) Benzo(g,h,i)perylene | 26.60 | 276 | 162113 | 2.058 | ng/ul | 97 |

JU 07/01/19

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