

Data Path : Z:\HPCHEM1\BNA M\Data\BM112015\  
 Data File : BM003237.D  
 Acq On : 21 Nov 2015 00:44  
 Operator : UM/IZ  
 Sample : G4322-19  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4HT0

Quant Time: Nov 23 11:52:01 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 21 04:24:04 2015  
 Response via : Initial Calibration

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| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.74  | 152  | 11756    | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.53 | 136  | 45412    | 0.40 | ng/ul  | 0.00     |
| 8) Acenaphthene-d10         | 14.38 | 164  | 23900    | 0.40 | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.12 | 188  | 51892    | 0.40 | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.32 | 240  | 52919    | 0.40 | ng/ul  | -0.01    |
| 22) Perylene-d12            | 23.58 | 264  | 52835    | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 2) 1,4-Dioxane-d8           | 3.20  | 96   | 16914    | 1.35 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.12 | 152  | 7029     | 0.11 | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 19.17 | 212  | 15649    | 0.12 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
|                             |       |      |          |      | Ovalue |          |
| 9) Acenaphthylene           | 14.09 | 152  | 4015     | 0.04 | ng/ul# | 88       |
| 13) Pentachlorophenol       | 16.78 | 266  | 958      | 0.08 | ng/ul  | 94       |
| 14) Phenanthrene            | 17.16 | 178  | 47129    | 0.31 | ng/ul# | 89       |
| 15) Anthracene              | 17.26 | 178  | 6560     | 0.05 | ng/ul# | 90       |
| 17) Fluoranthene            | 19.19 | 202  | 138419   | 0.83 | ng/ul  | 99       |
| 19) Pyrene                  | 19.55 | 202  | 119698   | 0.66 | ng/ul  | 99       |
| 20) Benzo(a)anthracene      | 21.30 | 228  | 50786    | 0.33 | ng/ul# | 89       |
| 21) Chrysene                | 21.35 | 228  | 74290m   | 0.43 | ng/ul  |          |
| 23) Benzo(b)fluoranthene    | 22.91 | 252  | 97504m   | 0.49 | ng/ul  |          |
| 25) Benzo(a)pyrene          | 23.48 | 252  | 58511    | 0.33 | ng/ul# | 95       |
| 26) Indeno(1,2,3-cd)pyrene  | 25.86 | 276  | 43725    | 0.21 | ng/ul# | 90       |
| 27) Dibenzo(a,h)anthracene  | 25.87 | 278  | 10125    | 0.06 | ng/ul# | 57       |
| 28) Benzo(a,h,i)perylene    | 26.56 | 276  | 37428    | 0.20 | ng/ul  | 97       |

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

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# Quantitation Report (Qedit)

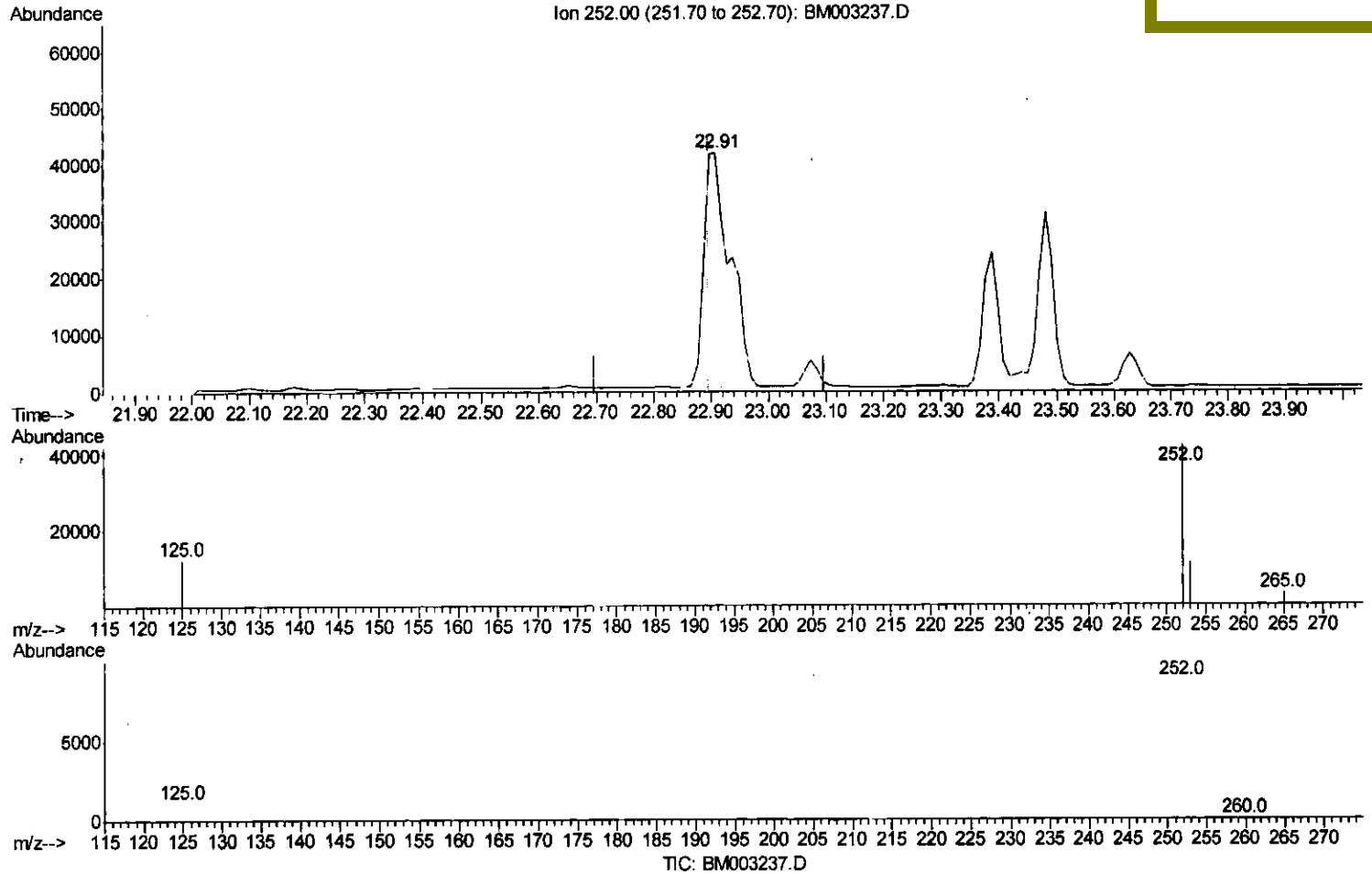
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Quant Time: Nov 25 10:44:46 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M  
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(23) Benzo(b)fluoranthene

22.907min (+0.011) 0.65ng/ul

response 131190

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.70 | 26.44  |
| 125.00 | 14.40 | 29.54# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

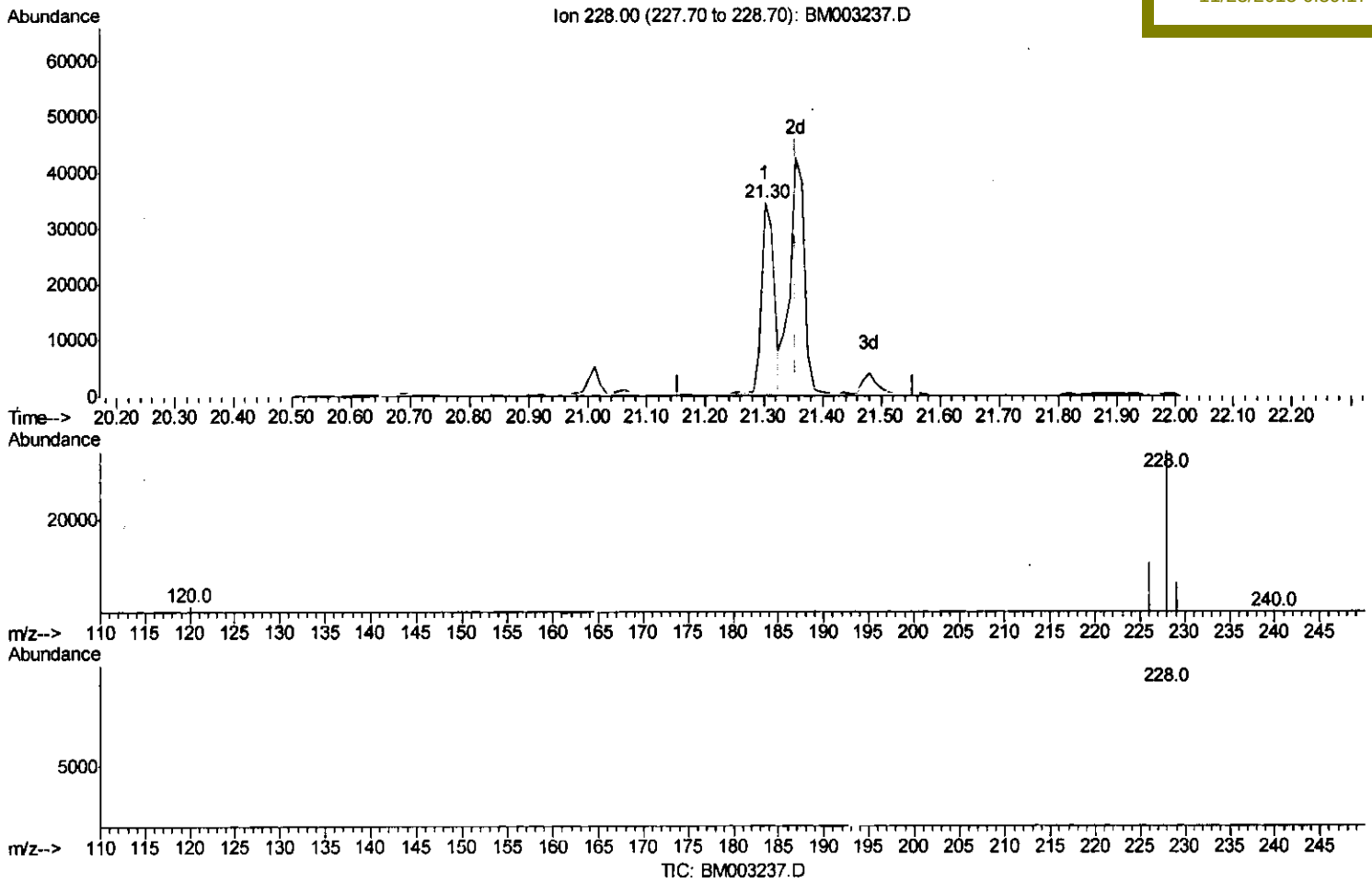
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(21) Chrysene

21.302min (-0.052) 0.29ng/ul

response 50684

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 26.50 | 31.56 |
| 229.00 | 21.30 | 19.53 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

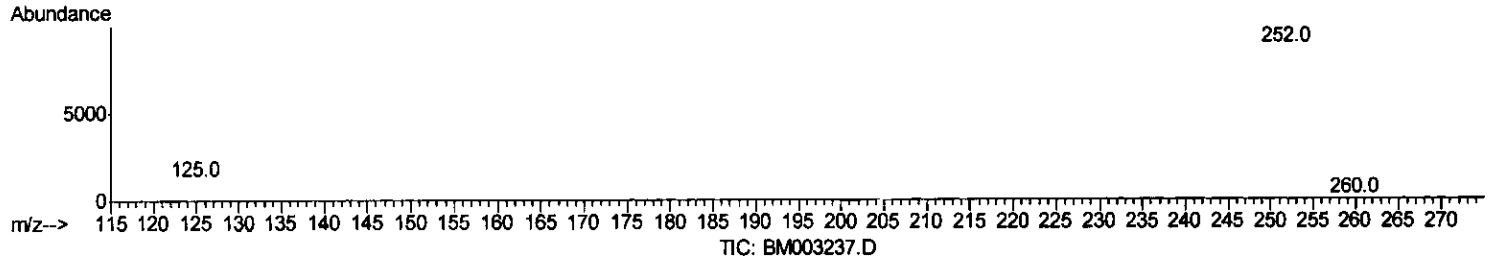
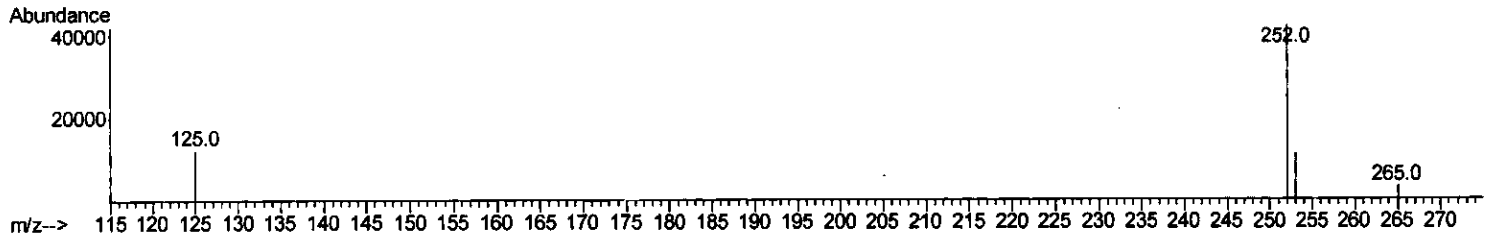
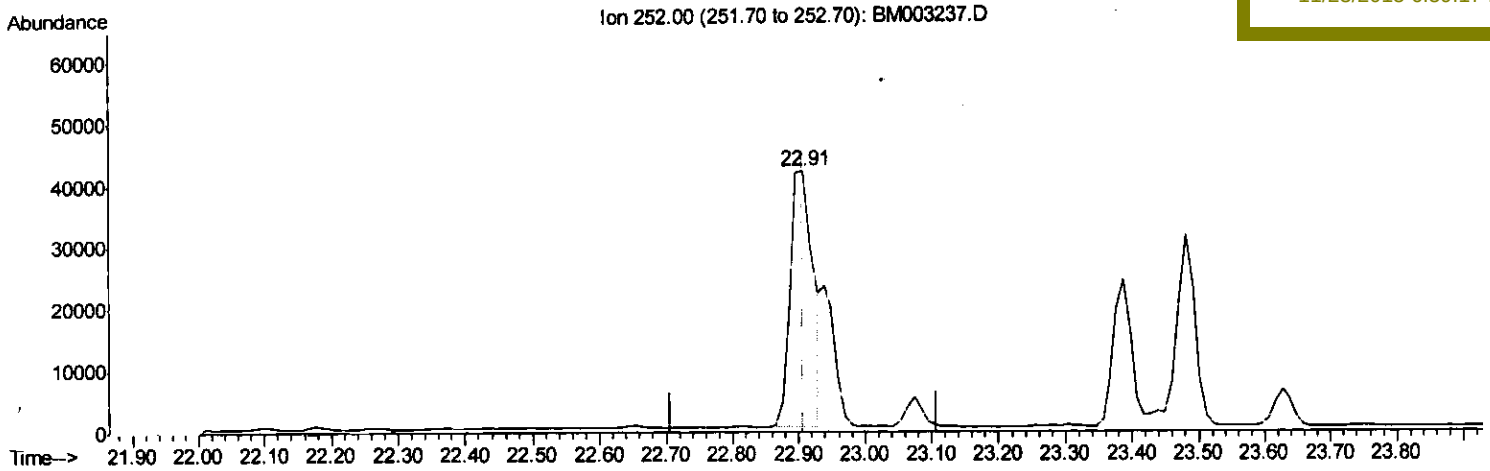
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(23) Benzo(b)fluoranthene

22.907min (-0.000) 0.49ng/ul m

response 97504

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.70 | 26.44  |
| 125.00 | 14.40 | 29.54# |
| 0.00   | 0.00  | 0.00   |

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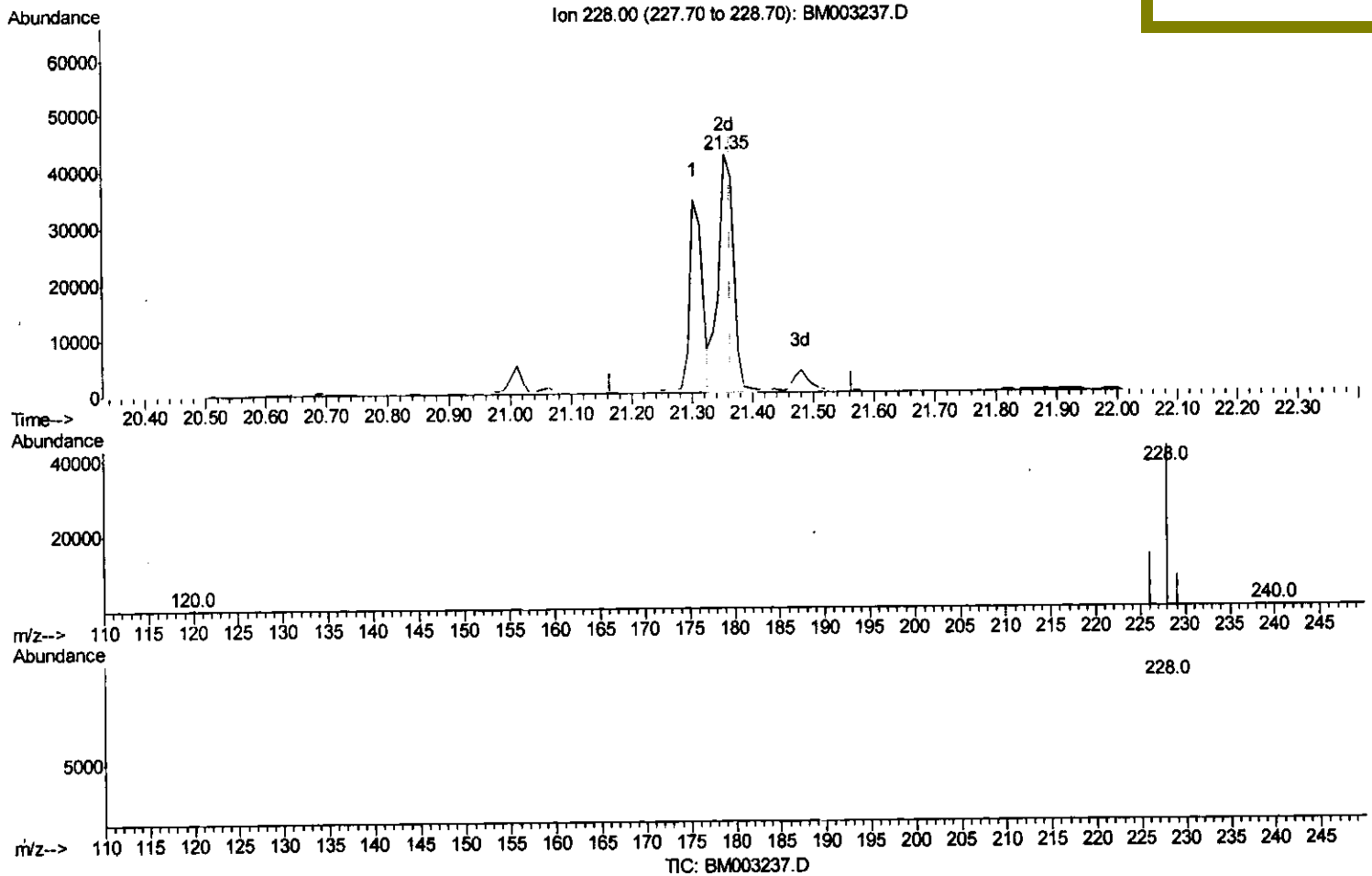
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(21) Chrysene

21.354min (-0.011) 0.43ng/ul m

response 74290

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 26.50 | 33.22# |
| 229.00 | 21.30 | 20.16  |
| 0.00   | 0.00  | 0.00   |

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