

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111918\  
 Data File : BN003606.D  
 Acq On : 19 Nov 2018 22:11  
 Operator : MJ/SJ  
 Sample : J5928-12  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A40W8

Manual Integrations  
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Quant Time: Nov 20 09:09:53 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 20 03:27:39 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.84  | 152  | 6931     | 0.40  | ng/ul  | 0.00      |
| 2) Naphthalene-d8           | 10.64 | 136  | 31551    | 0.40  | ng/ul  | 0.00      |
| 6) Acenaphthene-d10         | 14.48 | 164  | 16753    | 0.40  | ng/ul  | 0.00      |
| 10) Phenanthrene-d10        | 17.22 | 188  | 38399m   | 0.40  | ng/ul  | 0.00      |
| 16) Chrysene-d12            | 21.40 | 240  | 48083m   | 0.40  | ng/ul  | 0.00      |
| 20) Perylene-d12            | 23.71 | 264  | 43109m   | 0.40  | ng/ul  | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 4) 2-Methylnaphthalene-d10  | 12.23 | 152  | 14734    | 0.30  | ng/ul  | 0.00      |
| 14) Fluoranthene-d10        | 19.24 | 212  | 44771m   | 0.40  | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
| 8) Acenaphthene             | 14.54 | 153  | 2051     | 0.031 | ng/ul  | Ovalue 98 |
| 11) Pentachlorophenol       | 16.87 | 266  | 601m     | 0.087 | ng/ul  |           |
| 17) Pyrene                  | 19.64 | 202  | 7575     | 0.044 | ng/ul# | 92        |
| 18) Benzo(a)anthracene      | 21.38 | 228  | 3069m    | 0.020 | ng/ul  |           |
| 21) Benzo(b)fluoranthene    | 23.01 | 252  | 3580     | 0.020 | ng/ul# | 48        |

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

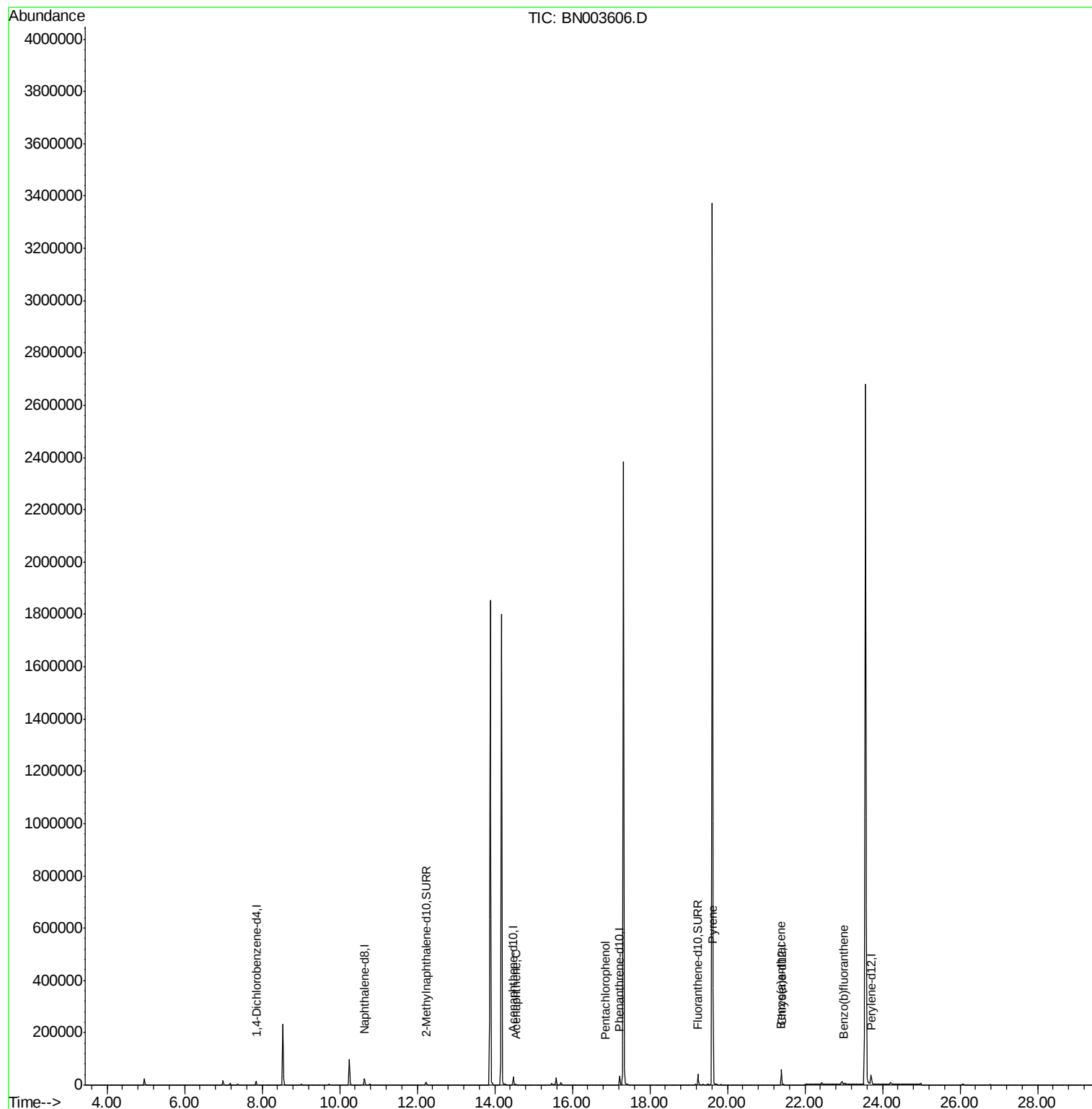
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111918\  
Data File : BN003606.D  
Acq On : 19 Nov 2018 22:11  
Operator : MJ/SJ  
Sample : J5928-12  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

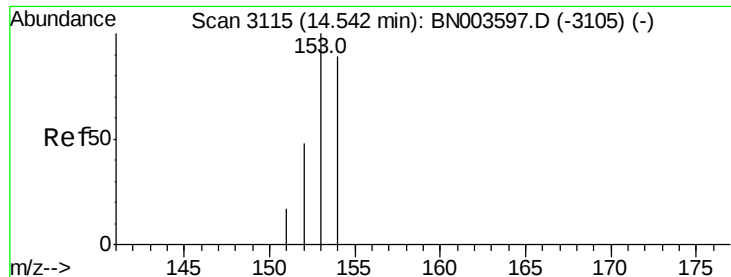
Instrument :  
BNA\_N  
ClientSampleId :  
A40W8

Quant Time: Nov 20 09:09:53 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M  
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#8

Acenaphthene

Concen: 0.031 ng/ul

RT: 14.54 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BN003606.D

Acq: 19 Nov 2018 22:11

Instrument :

BNA\_N

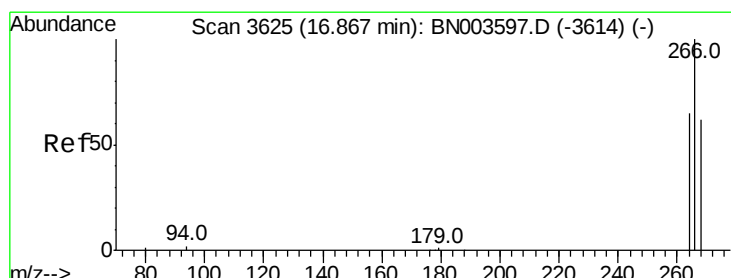
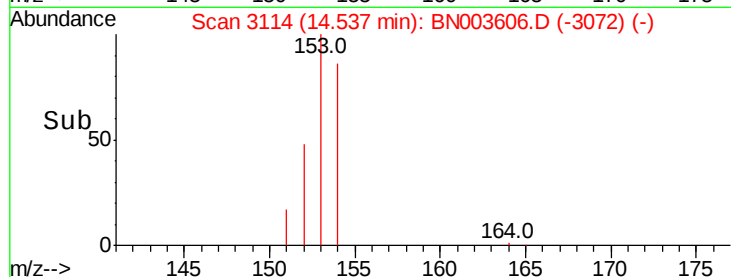
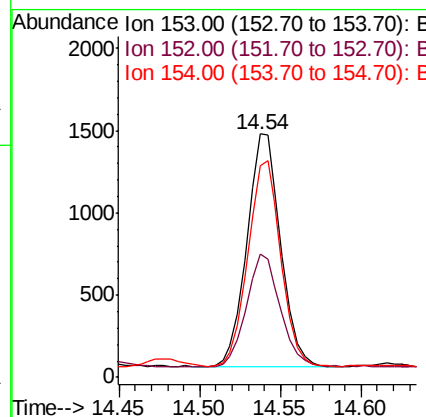
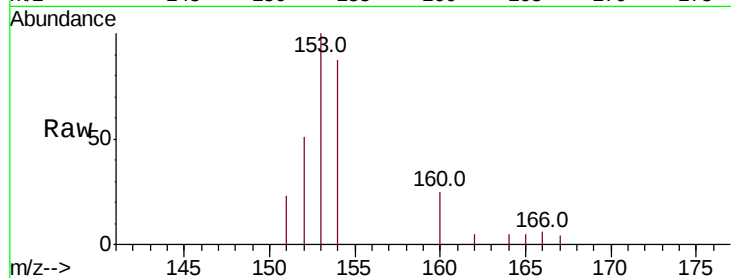
ClientSampleId :

A40W8

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 153   | Resp: | 2051  |
| Ion Ratio | Lower | Upper |       |
| 153       | 100   |       |       |
| 152       | 50.7  | 39.3  | 58.9  |
| 154       | 86.7  | 70.3  | 105.5 |

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#11

Pentachlorophenol

Concen: 0.087 ng/ul m

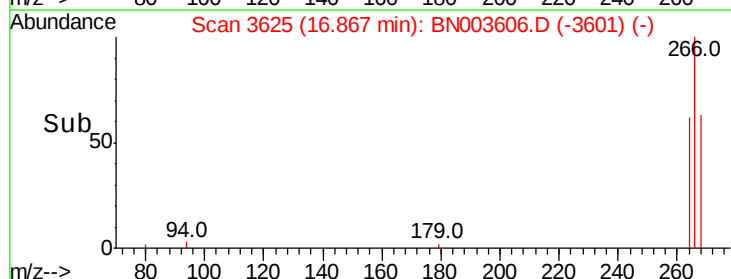
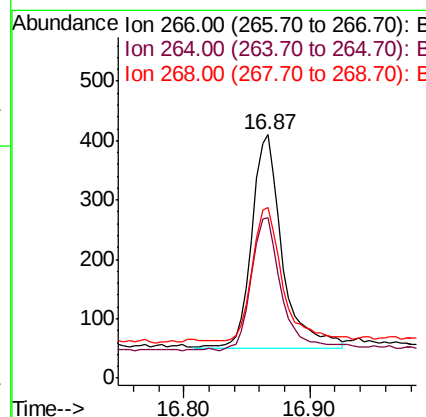
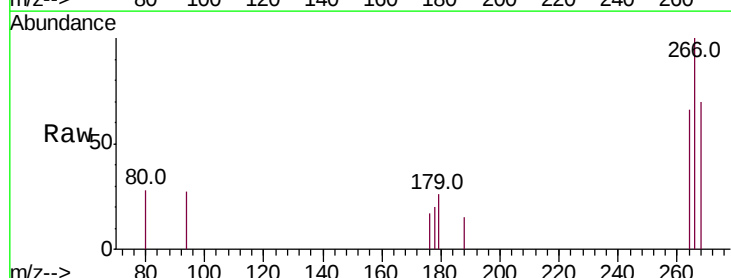
RT: 16.87 min Scan# 3625

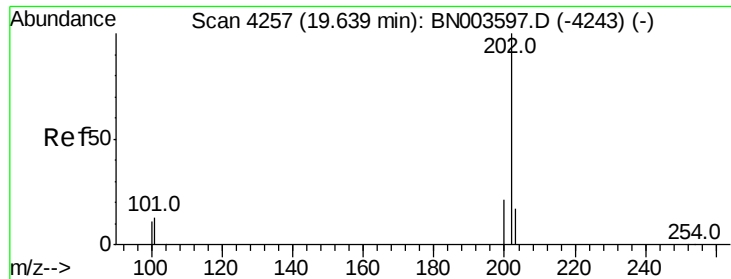
Delta R.T. 0.00 min

Lab File: BN003606.D

Acq: 19 Nov 2018 22:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 601   |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 264       | 0.0   | 49.4  | 74.2# |
| 268       | 0.0   | 51.7  | 77.5# |





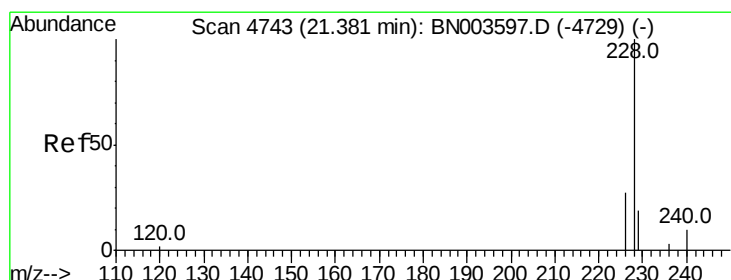
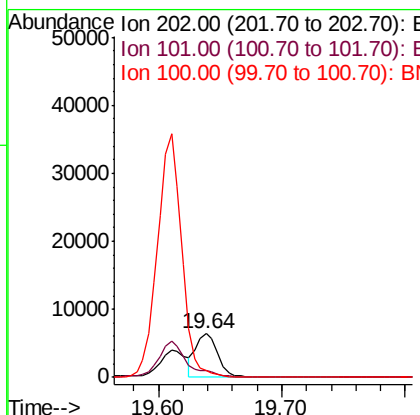
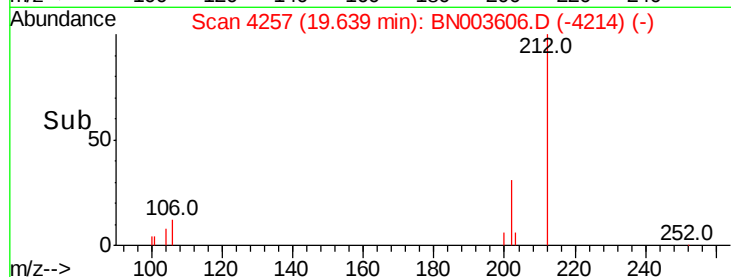
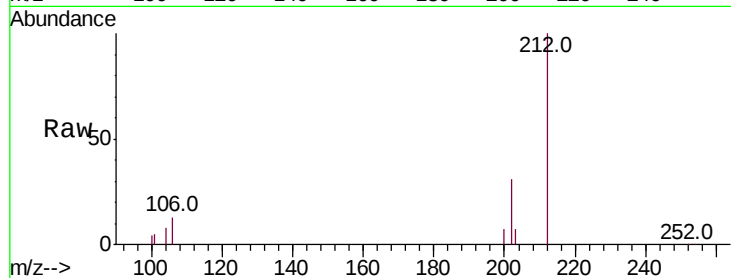
#17  
Pvrene  
Concen: 0.044 ng/ul  
RT: 19.64 min Scan# 4257  
Delta R.T. 0.00 min  
Lab File: BN003606.D  
Acq: 19 Nov 2018 22:11

Instrument :  
BNA\_N  
ClientSampled :  
A40W8

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 15.6  | 10.3  | 15.5# |
| 100     | 14.3  | 8.5   | 12.7# |

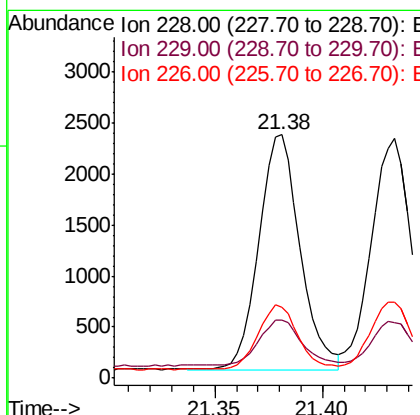
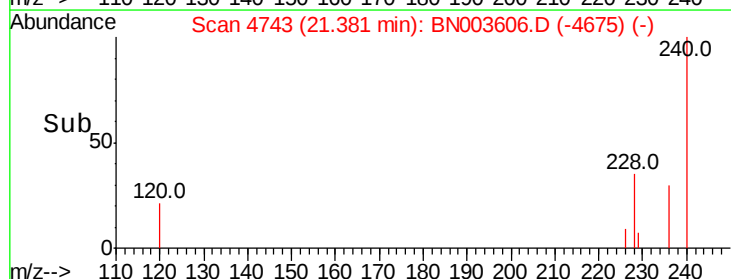
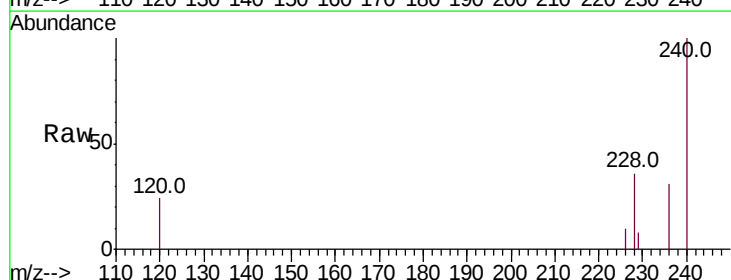
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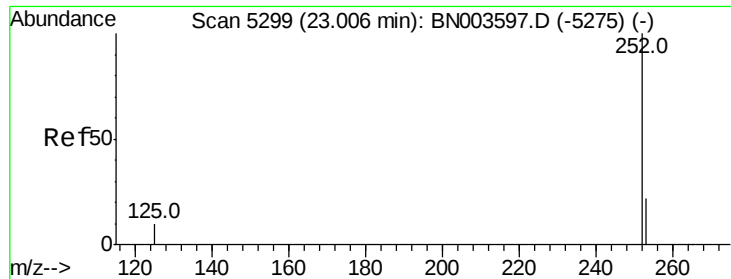
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#18  
Benzo(a)anthracene  
Concen: 0.020 ng/ul m  
RT: 21.38 min Scan# 4743  
Delta R.T. 0.00 min  
Lab File: BN003606.D  
Acq: 19 Nov 2018 22:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 23.6  | 15.6  | 23.4# |
| 226     | 29.1  | 21.1  | 31.7  |





#21

Benzo(b)fluoranthene

Concen: 0.020 ng/ul

RT: 23.01 min Scan# 5299

Delta R.T. 0.00 min

Lab File: BN003606.D

Acq: 19 Nov 2018 22:11

Instrument :

BNA\_N

ClientSampleId :

A40W8

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 252   | Resp: | 3580  |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 46.0  | 0.0   | 46.0# |
| 125       | 34.4  | 0.0   | 22.4# |

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