

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121718\  
Quantitation Report (QT Reviewed)

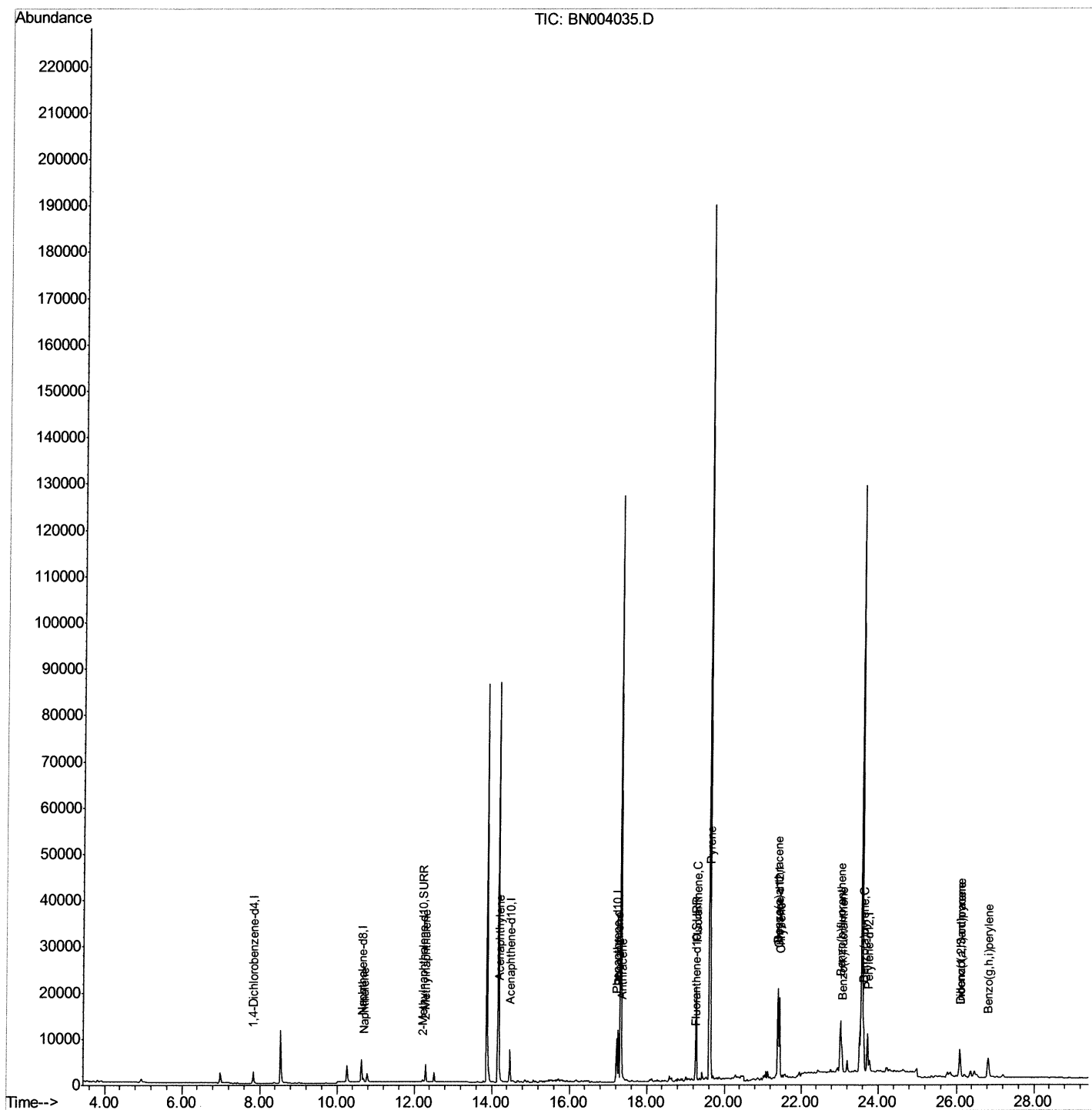
Data File : BN004035.D  
Acq On : 17 Dec 2018 14:52  
Operator : JU/SJ  
Sample : J6228-15DL 5X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
F9E50DL

Manual Integrations  
APPROVED

Sohil  
12/18/2018 5:55:50 PM

Quant Time: Dec 18 04:43:02 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 Dec 18 04:29:07 2018  
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121718\  
Quantitation Report (Qedit)

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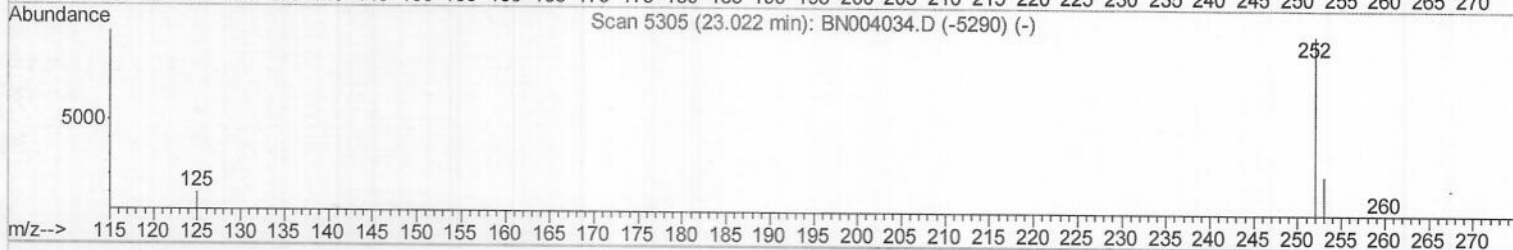
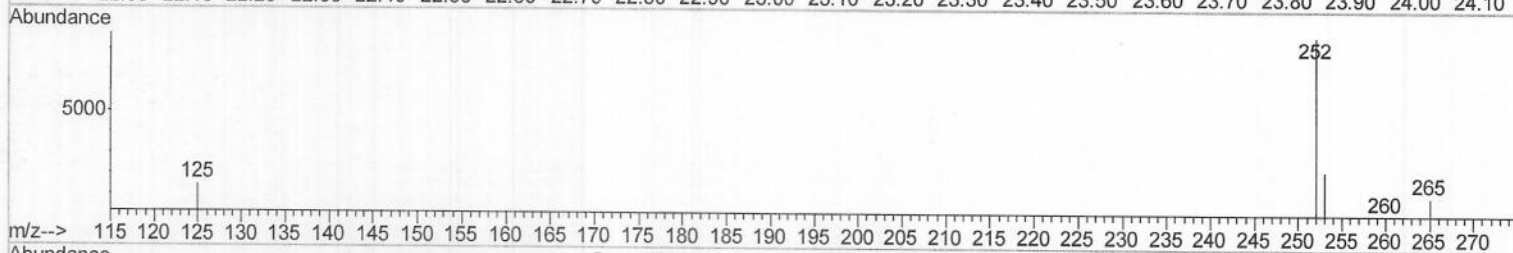
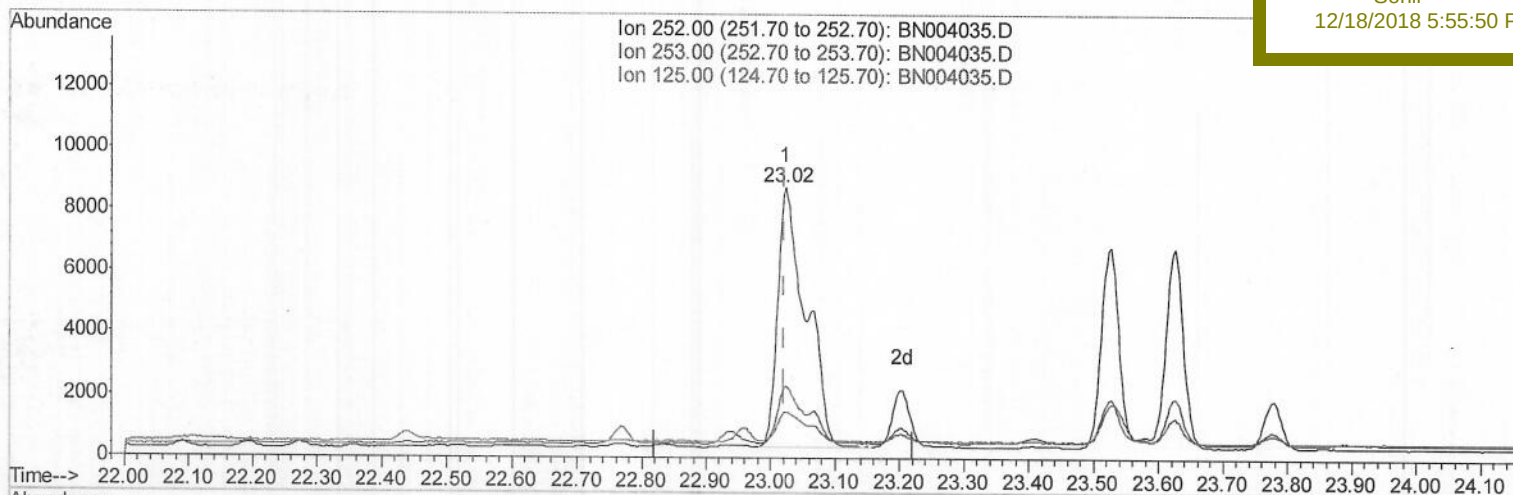
Client Sampled :

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TIC: BN004035.D

(21) Benzo(b)fluoranthene

23.023min (+0.002) 0.53ng/ul

response 25613

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.00 | 26.37 |
| 125.00 | 11.20 | 16.93 |
| 0.00   | 0.00  | 0.00  |

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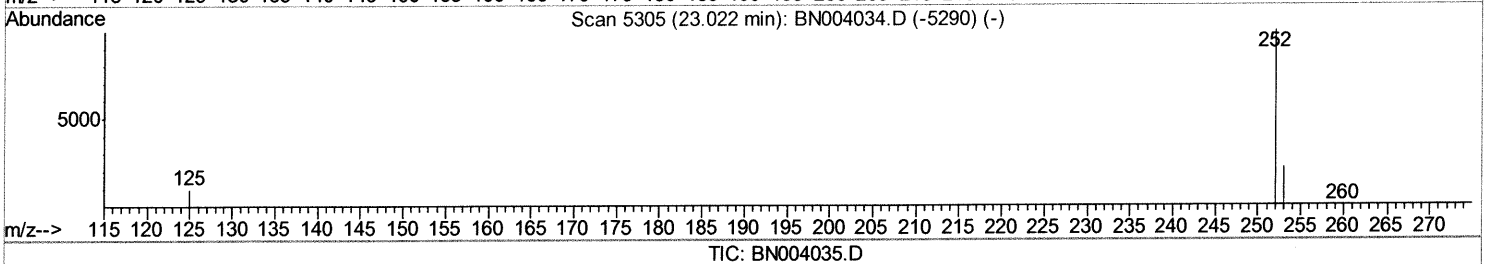
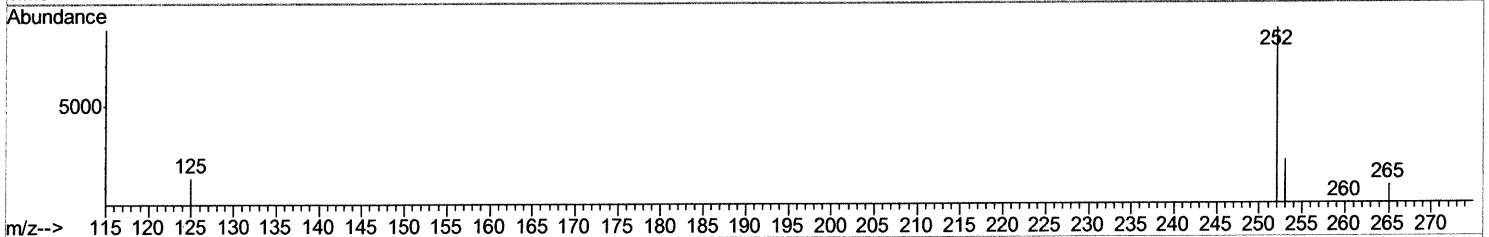
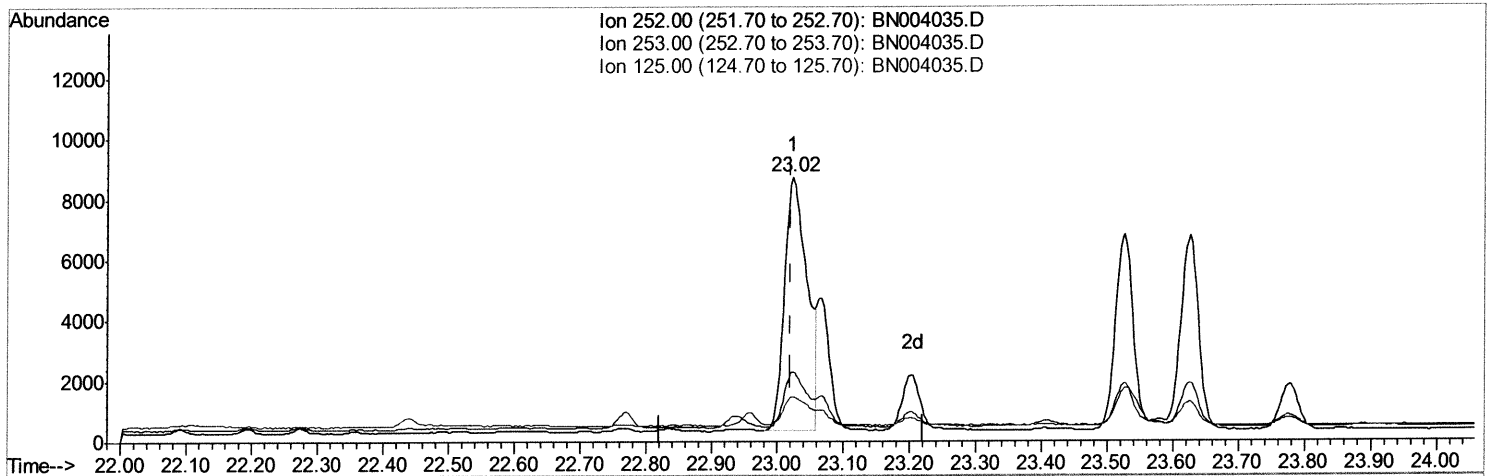
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(21) Benzo(b)fluoranthene

23.023min (+0.002) 0.42ng/ul m

response 20107

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.00 | 26.37 |
| 125.00 | 11.20 | 16.93 |
| 0.00   | 0.00  | 0.00  |

> SJ  
12/18/18

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Quantitation Report (Qedit)

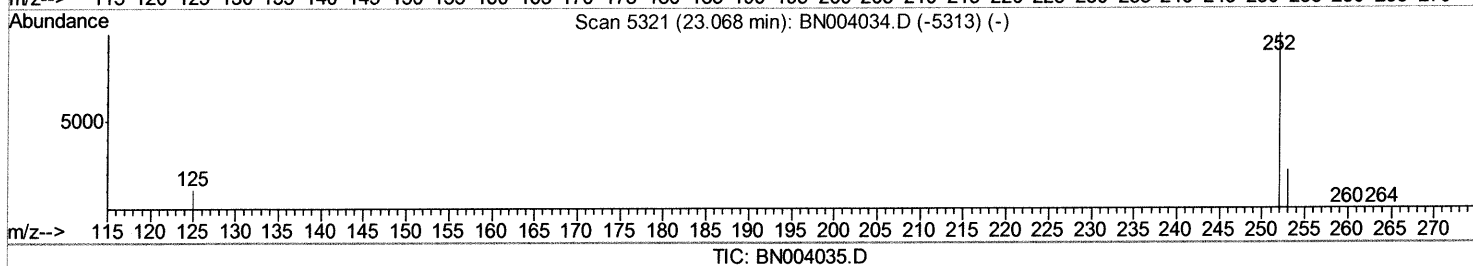
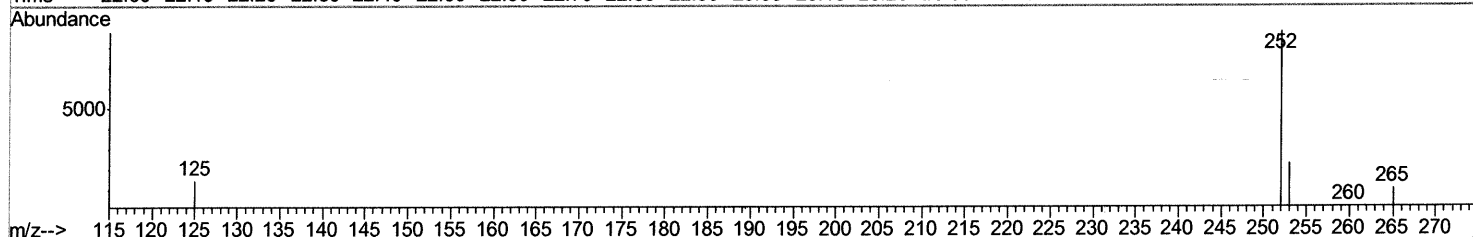
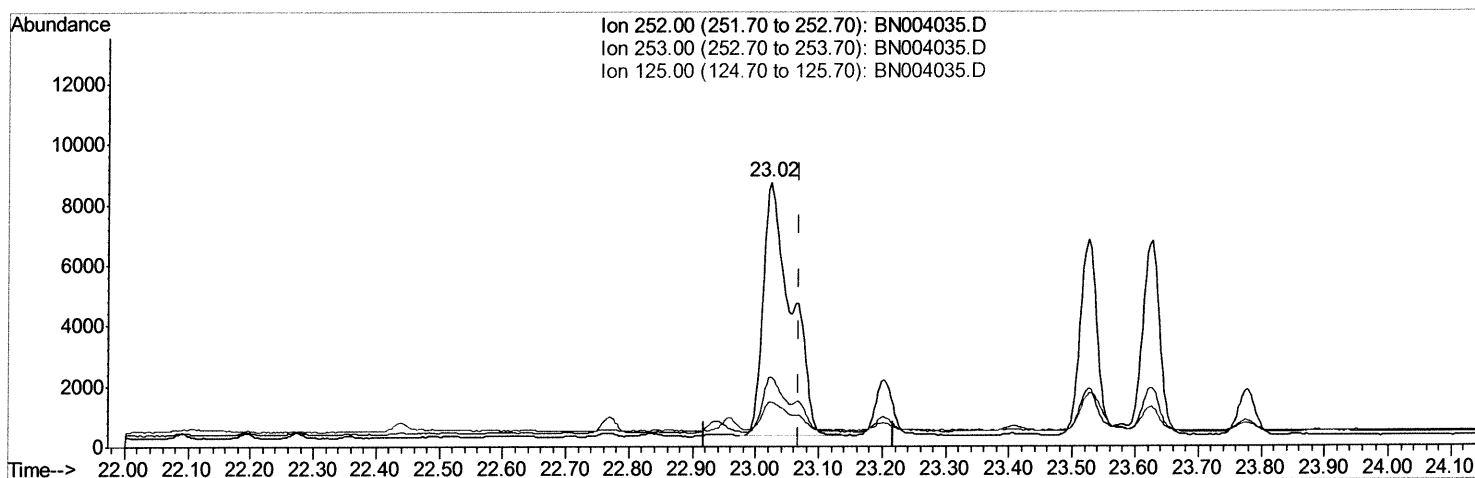
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Response via : Initial Calibration



(22) Benzo(k)fluoranthene  
23.023min (-0.045) 0.55ng/ul  
response 25698  
Ion Exp% Act%  
252.00 100 100  
253.00 23.10 26.37  
125.00 11.30 16.93#  
0.00 0.00 0.00

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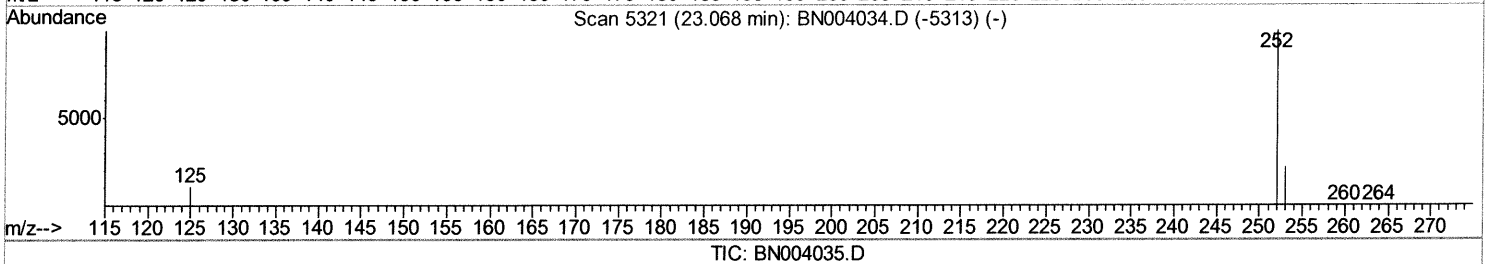
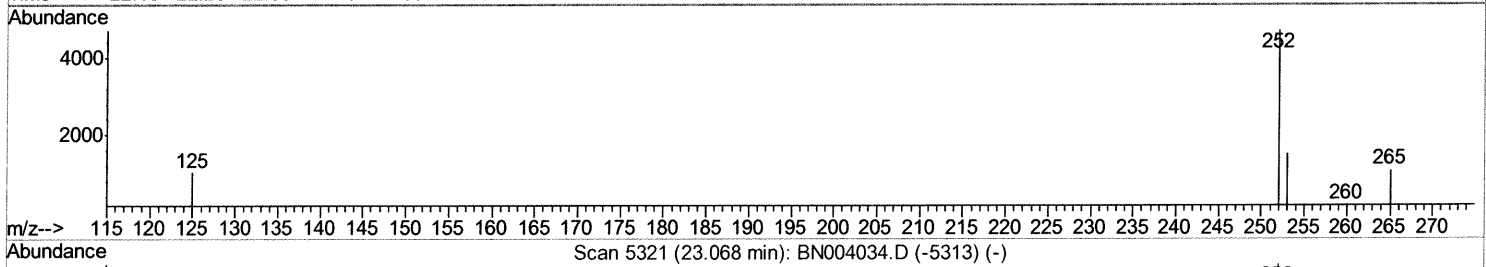
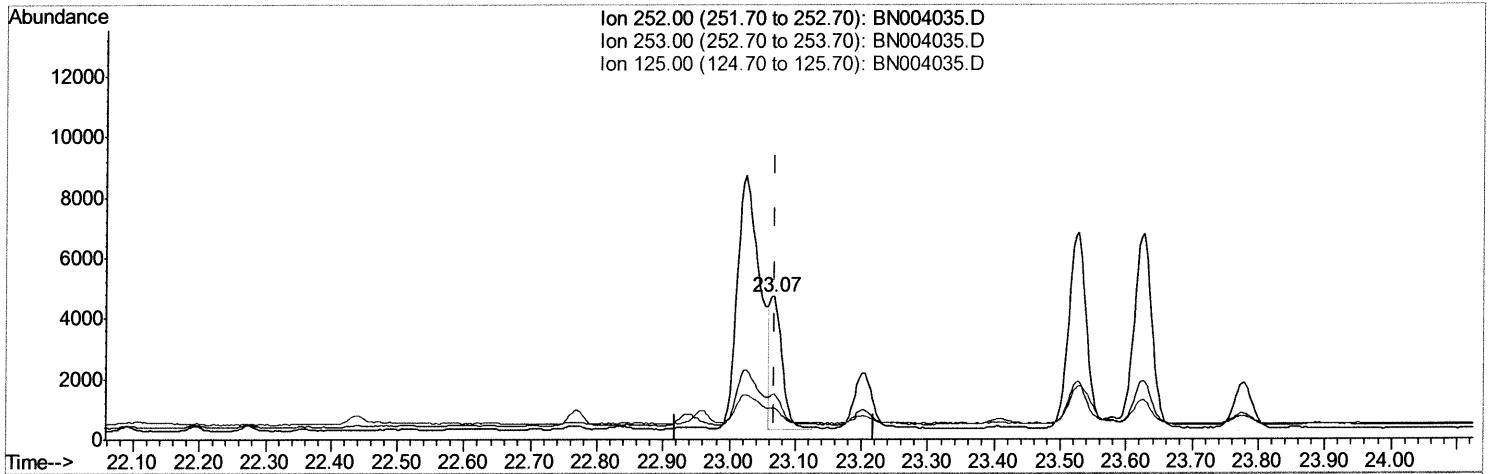
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Operator : JU/SJ  
Sample : J6228-15DL 5X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
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Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.067min (-0.001) 0.12ng/ul m

response 5753

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.10 | 31.79# |
| 125.00 | 11.30 | 22.04# |
| 0.00   | 0.00  | 0.00   |

> 55  
12/18/18

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.84  | 152  | 1296     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.63 | 136  | 6704     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.47 | 164  | 4098     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.22 | 188  | 10430    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.40 | 240  | 12237    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.73 | 264  | 11675    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.22 | 152  | 628      | 0.06 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.24 | 212  | 2101     | 0.07 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 10.68 | 128  | 1009     | 0.054 | ng/ul# | 78     |
| 5) 2-Methylnaphthalene     | 12.29 | 142  | 2932     | 0.223 | ng/ul  | 98     |
| 7) Acenaphthylene          | 14.19 | 152  | 4272     | 0.232 | ng/ul  | 95     |
| 12) Phenanthrene           | 17.26 | 178  | 12442    | 0.363 | ng/ul  | 98     |
| 13) Anthracene             | 17.35 | 178  | 5652     | 0.201 | ng/ul  | 96     |
| 15) Fluoranthene           | 19.28 | 202  | 17200    | 0.425 | ng/ul  | 96     |
| 17) Pyrene                 | 19.64 | 202  | 27517    | 0.627 | ng/ul  | 95     |
| 18) Benzo(a)anthracene     | 21.39 | 228  | 13890    | 0.359 | ng/ul# | 93     |
| 19) Chrysene               | 21.44 | 228  | 17559    | 0.397 | ng/ul# | 94     |
| 21) Benzo(b)fluoranthene   | 23.02 | 252  | 20107m   | 0.416 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 23.07 | 252  | 5753m    | 0.122 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.63 | 252  | 12154    | 0.291 | ng/ul# | 88     |
| 24) Indeno(1,2,3-cd)pyrene | 26.09 | 276  | 9538     | 0.199 | ng/ul# | 97     |
| 25) Dibenzo(a,h)anthracene | 26.09 | 278  | 2936     | 0.076 | ng/ul# | 44     |
| 26) Benzo(g,h,i)perylene   | 26.82 | 276  | 8836     | 0.212 | ng/ul# | 88     |

SJ  
12/18/18

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