

# Quantitation Report (QT Reviewed)

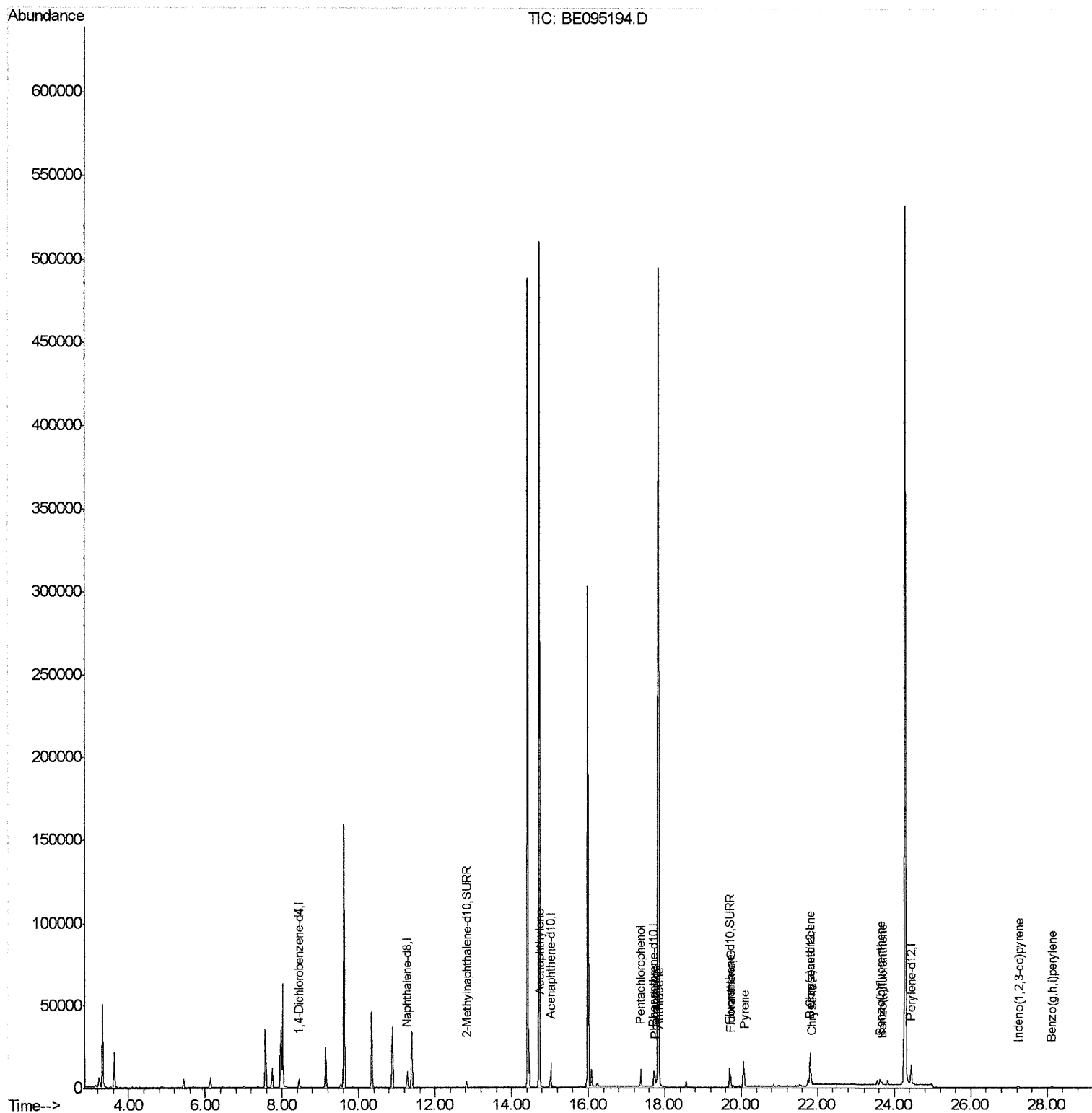
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\  
 Data File : BE095194.D  
 Acq On : 28 Jan 2018 7:27  
 Operator : SJ/JU  
 Sample : J1220-01  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6A03

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:22:29 PM

Quant Time: Jan 29 01:08:42 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 00:15:32 2018  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

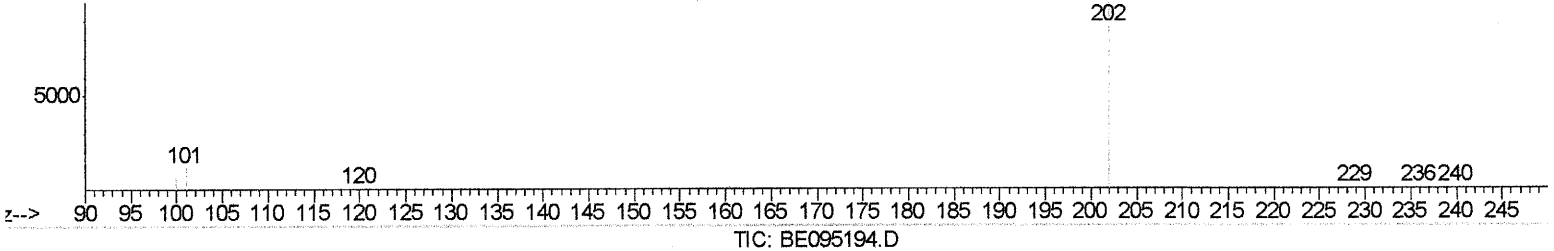
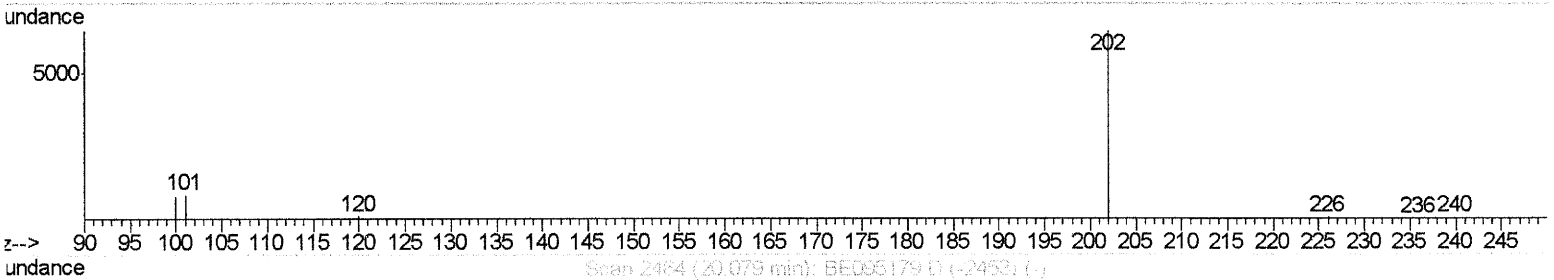
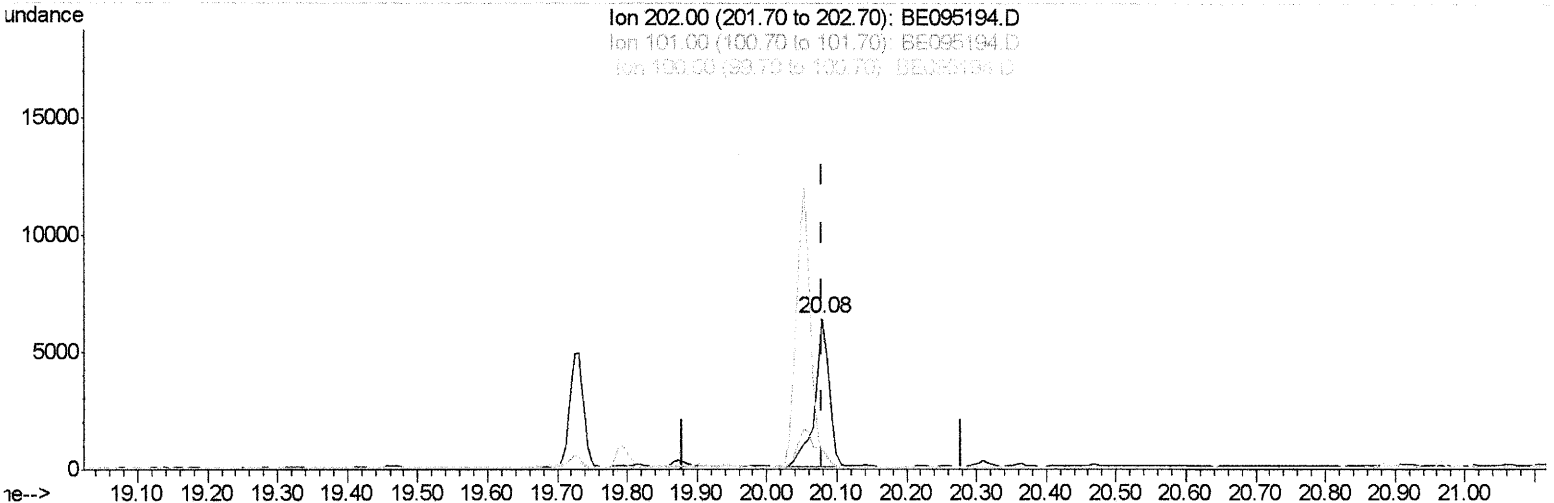
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(17) Pyrene

20.079min (+0.000) 0.15ng/ul

response 9079

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 202.00 | 100   | 100    |
| 101.00 | 22.80 | 13.63# |
| 100.00 | 19.50 | 12.69# |
| 0.00   | 0.00  | 0.00   |

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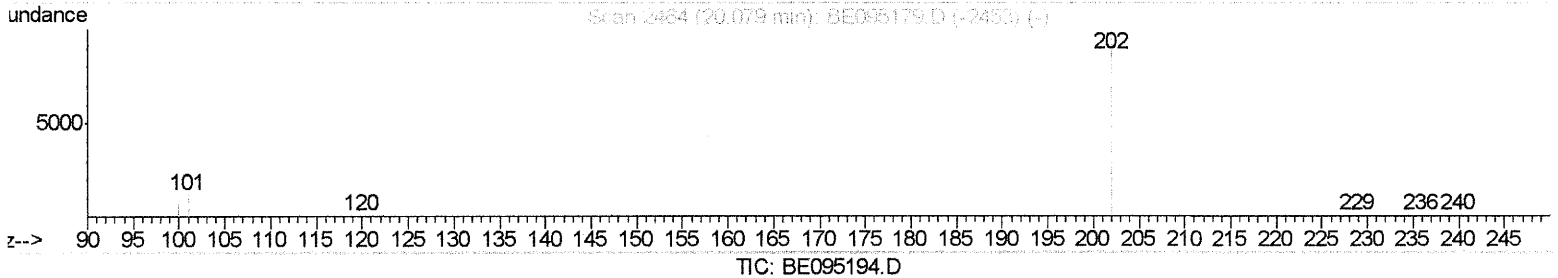
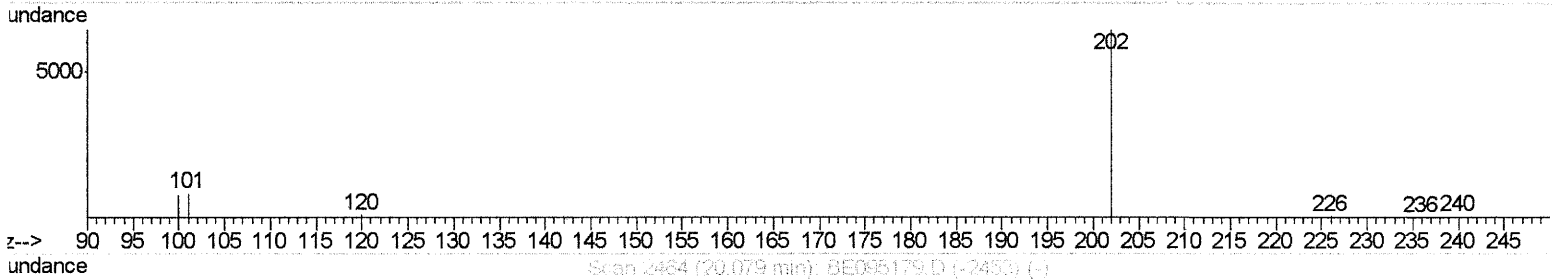
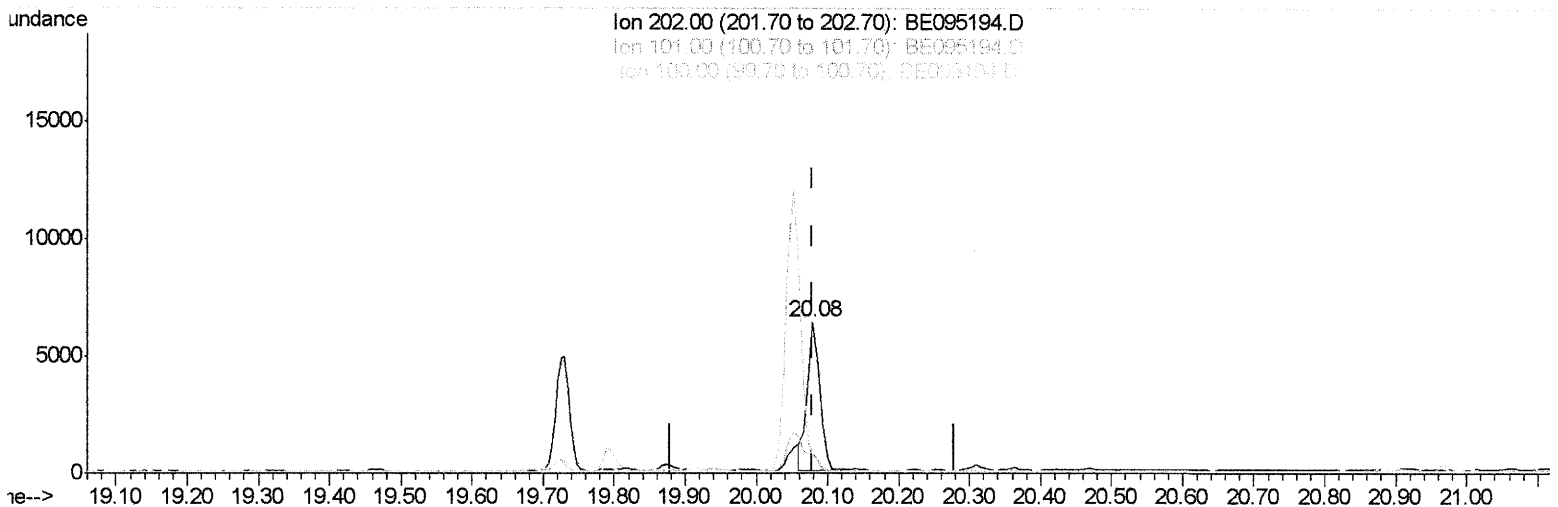
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(17) Pyrene

20.079min (+0.000) 0.13ng/ul m

response 7865

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 202.00 | 100   | 100    |
| 101.00 | 22.80 | 13.63# |
| 100.00 | 19.50 | 12.69# |
| 0.00   | 0.00  | 0.00   |

*20.079min*

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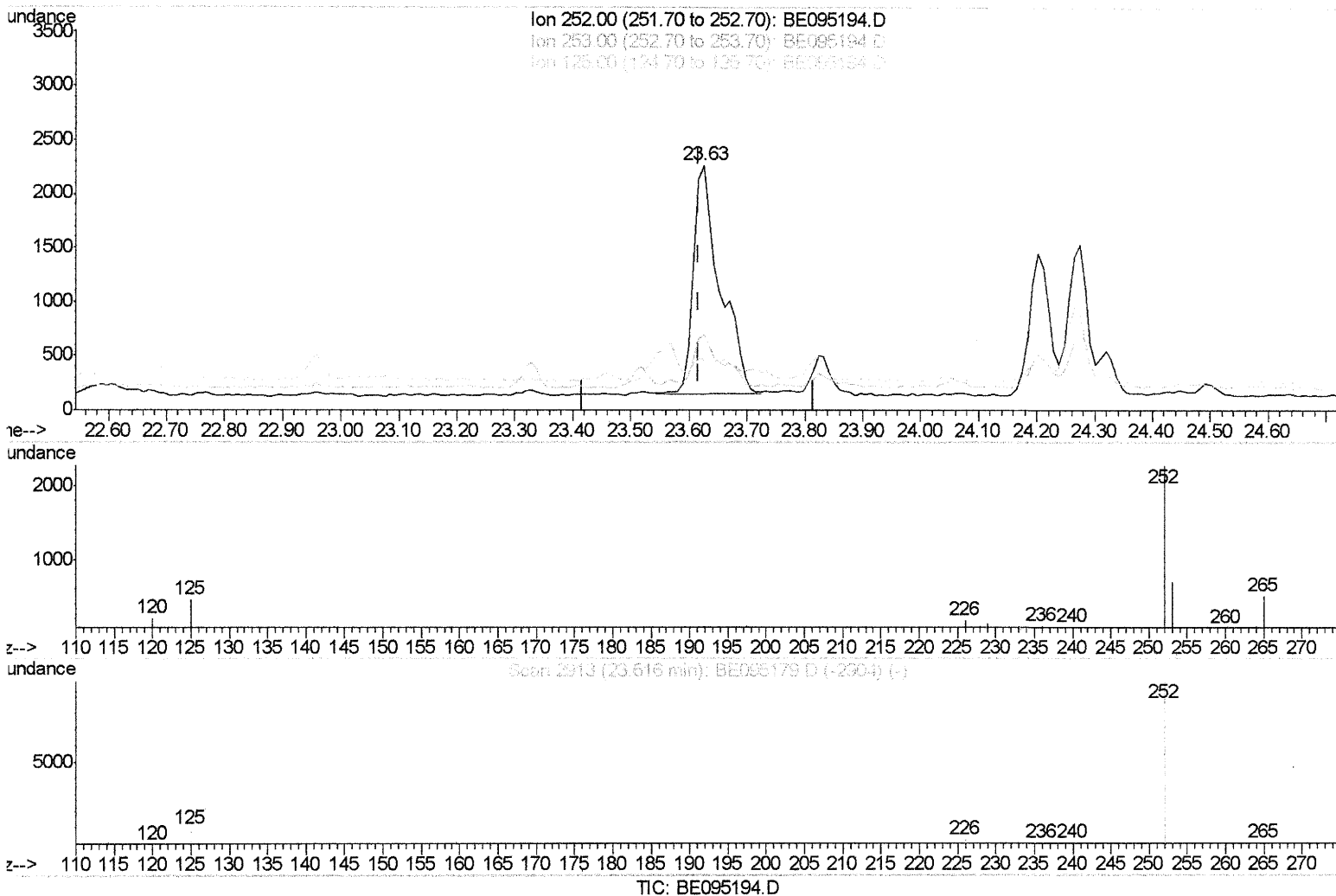
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(21) Benzo(b)fluoranthene

23.625min (+0.009) 0.10ng/ul

response 6750

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 30.90 |
| 125.00 | 17.50 | 20.29 |
| 0.00   | 0.00  | 0.00  |

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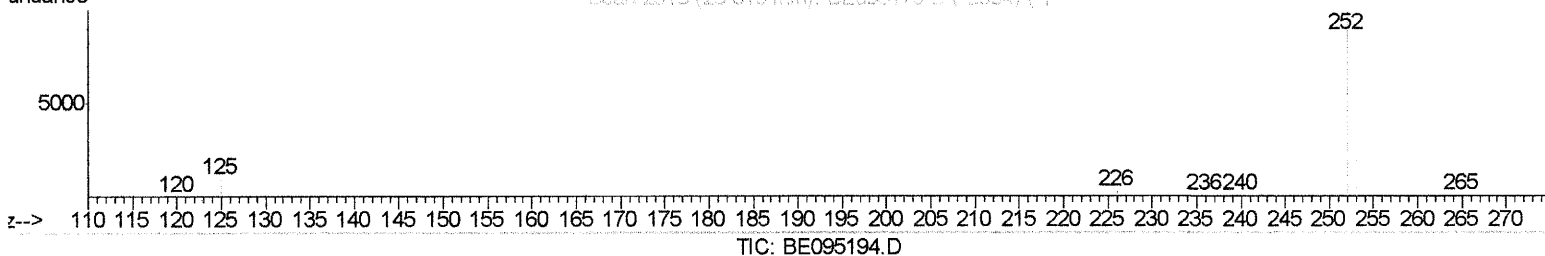
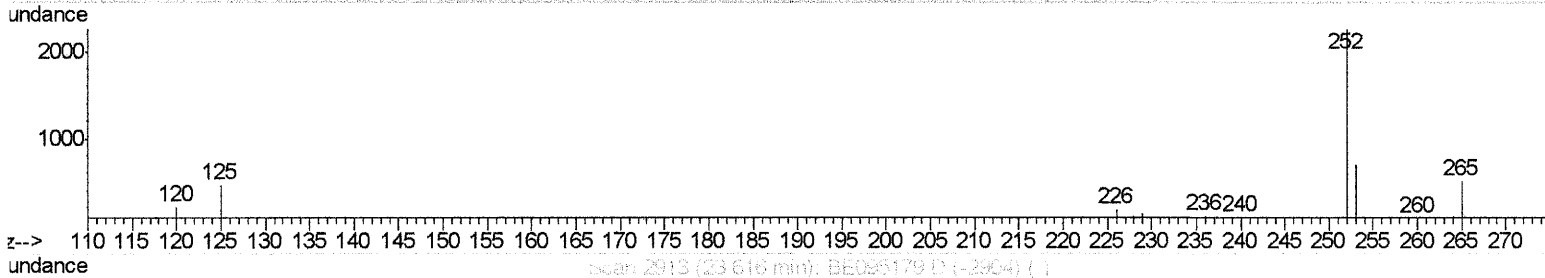
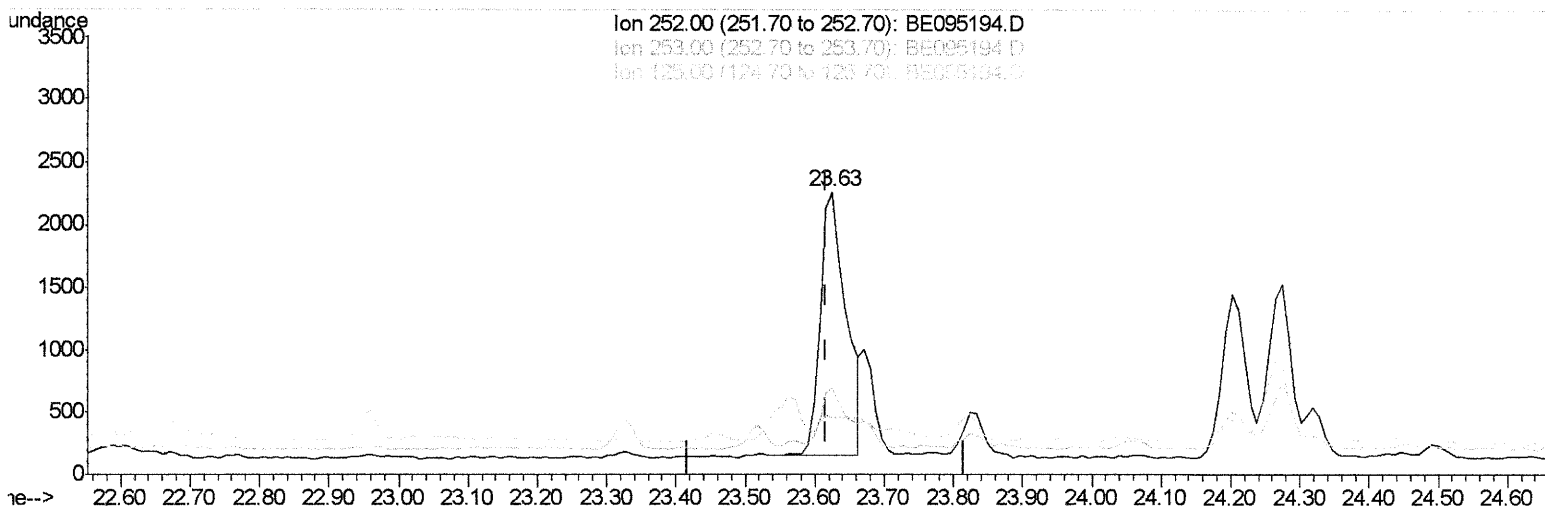
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Instrument :  
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 Client Sample ID :  
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(21) Benzo(b)fluoranthene

23.625min (+0.009) 0.08ng/ul m

response 5574

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 30.90 |
| 125.00 | 17.50 | 20.29 |
| 0.00   | 0.00  | 0.00  |

*guc 01/27/18*

# Quantitation Report (Qedit)

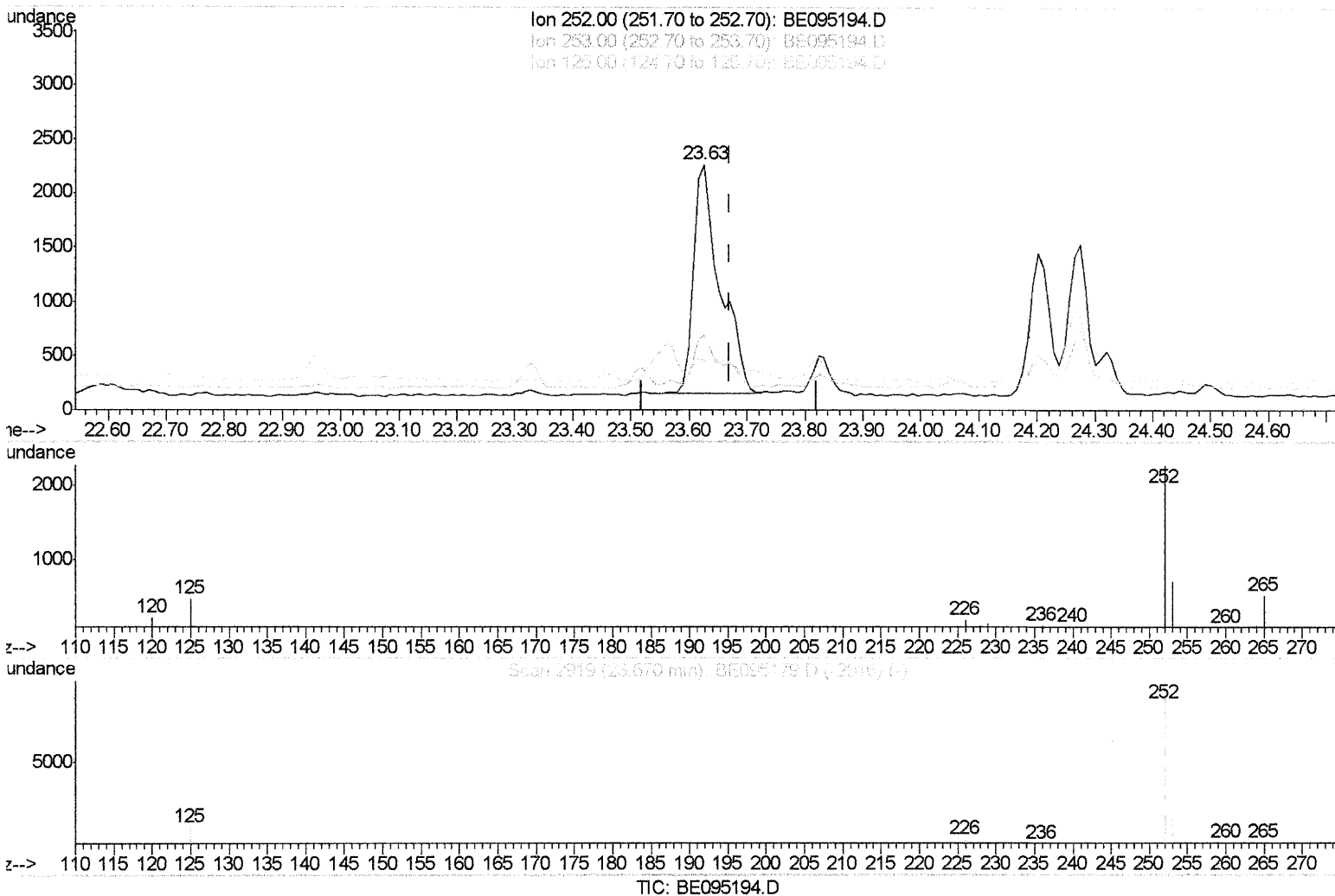
Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\  
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 Sample : J1220-01  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

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(22) Benzo(k)fluoranthene

23.625min (-0.045) 0.11ng/ul

response 6696

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 30.60 | 30.90 |
| 125.00 | 17.10 | 20.29 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

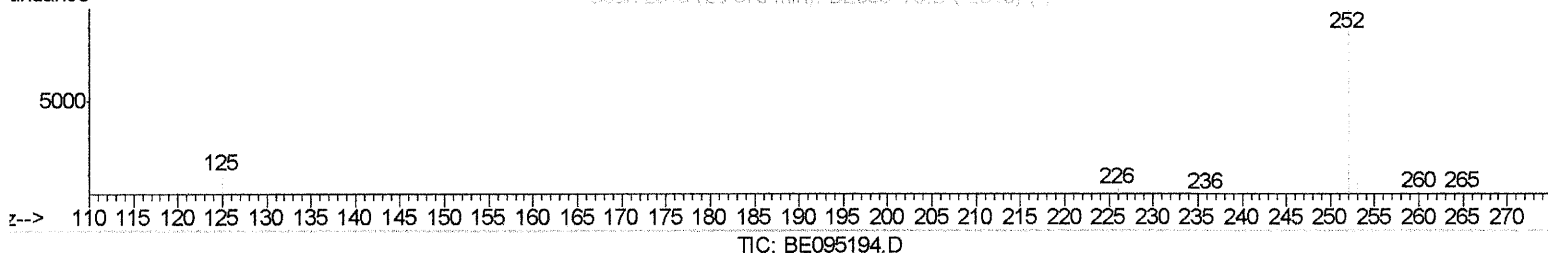
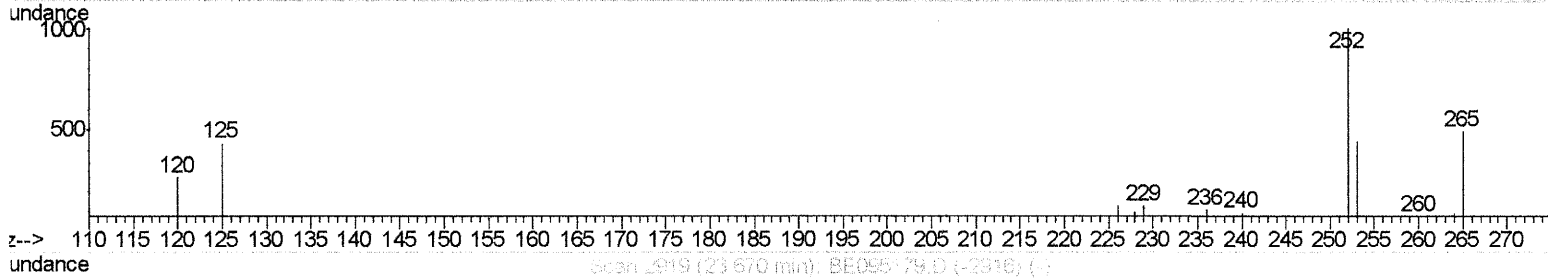
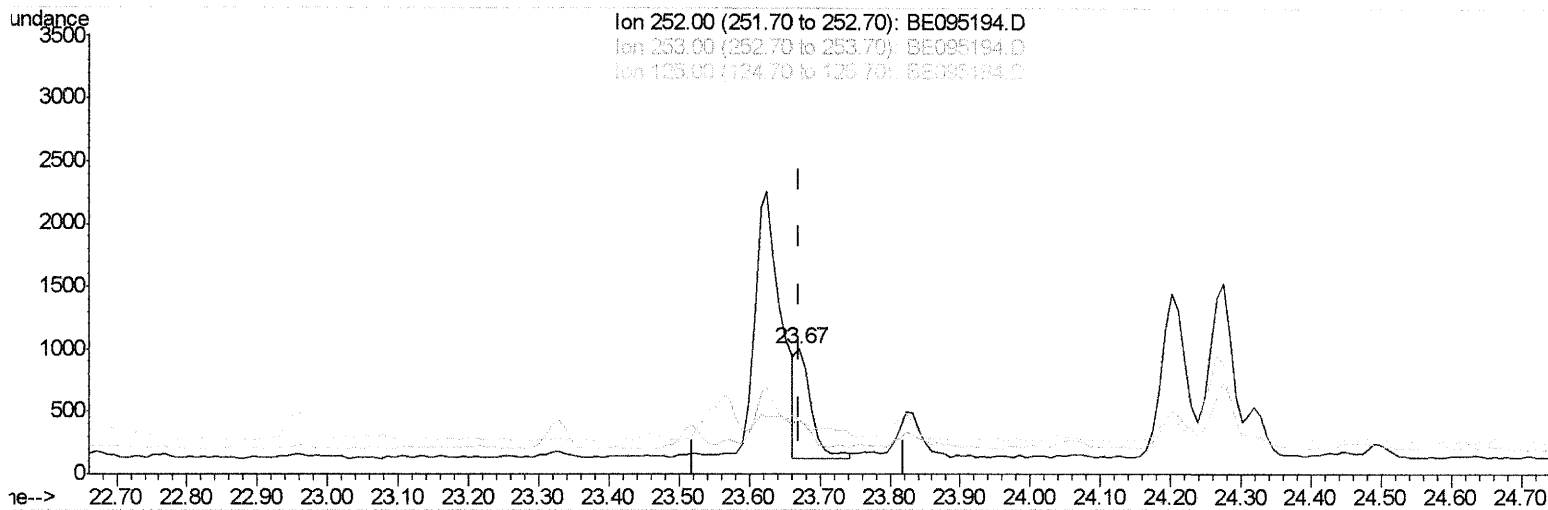
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 Operator : SJ/JU  
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 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
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(22) Benzo(k)fluoranthene

23.670min (-0.000) 0.02ng/ul m

response 1286

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 44.42# |
| 125.00 | 17.10 | 43.33# |
| 0.00   | 0.00  | 0.00   |

*SJ/JU 1/29/18*

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.44  | 152  | 3650     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.27 | 136  | 12320    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.02 | 164  | 7776     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.71 | 188  | 16764    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.80 | 240  | 17809    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 24.44 | 264  | 18790    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.82 | 152  | 4146     | 0.21 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.70 | 212  | 11990    | 0.19 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 7) Acenaphthylene          | 14.75 | 152  | 2044     | 0.055 | ng/ul  | 96     |
| 11) Pentachlorophenol      | 17.36 | 266  | 6740     | 2.076 | ng/ul  | 96     |
| 12) Phenanthrene           | 17.75 | 178  | 2226     | 0.039 | ng/ul# | 90     |
| 13) Anthracene             | 17.85 | 178  | 2531     | 0.049 | ng/ul# | 94     |
| 15) Fluoranthene           | 19.73 | 202  | 6752     | 0.092 | ng/ul  | 82     |
| 17) Pyrene                 | 20.08 | 202  | 7865m    | 0.132 | ng/ul  | >      |
| 18) Benzo(a)anthracene     | 21.79 | 228  | 2874     | 0.052 | ng/ul# | 90     |
| 19) Chrysene               | 21.84 | 228  | 3830     | 0.066 | ng/ul# | 86     |
| 21) Benzo(b)fluoranthene   | 23.63 | 252  | 5574m    | 0.084 | ng/ul  | }      |
| 22) Benzo(k)fluoranthene   | 23.67 | 252  | 1286m    | 0.021 | ng/ul  | }      |
| 24) Indeno(1,2,3-cd)pyrene | 27.24 | 276  | 1315     | 0.020 | ng/ul# | 75     |
| 26) Benzo(a,h,i)perylene   | 28.11 | 276  | 1183     | 0.022 | ng/ul# | 72     |

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