

# Quantitation Report (QT Reviewed)

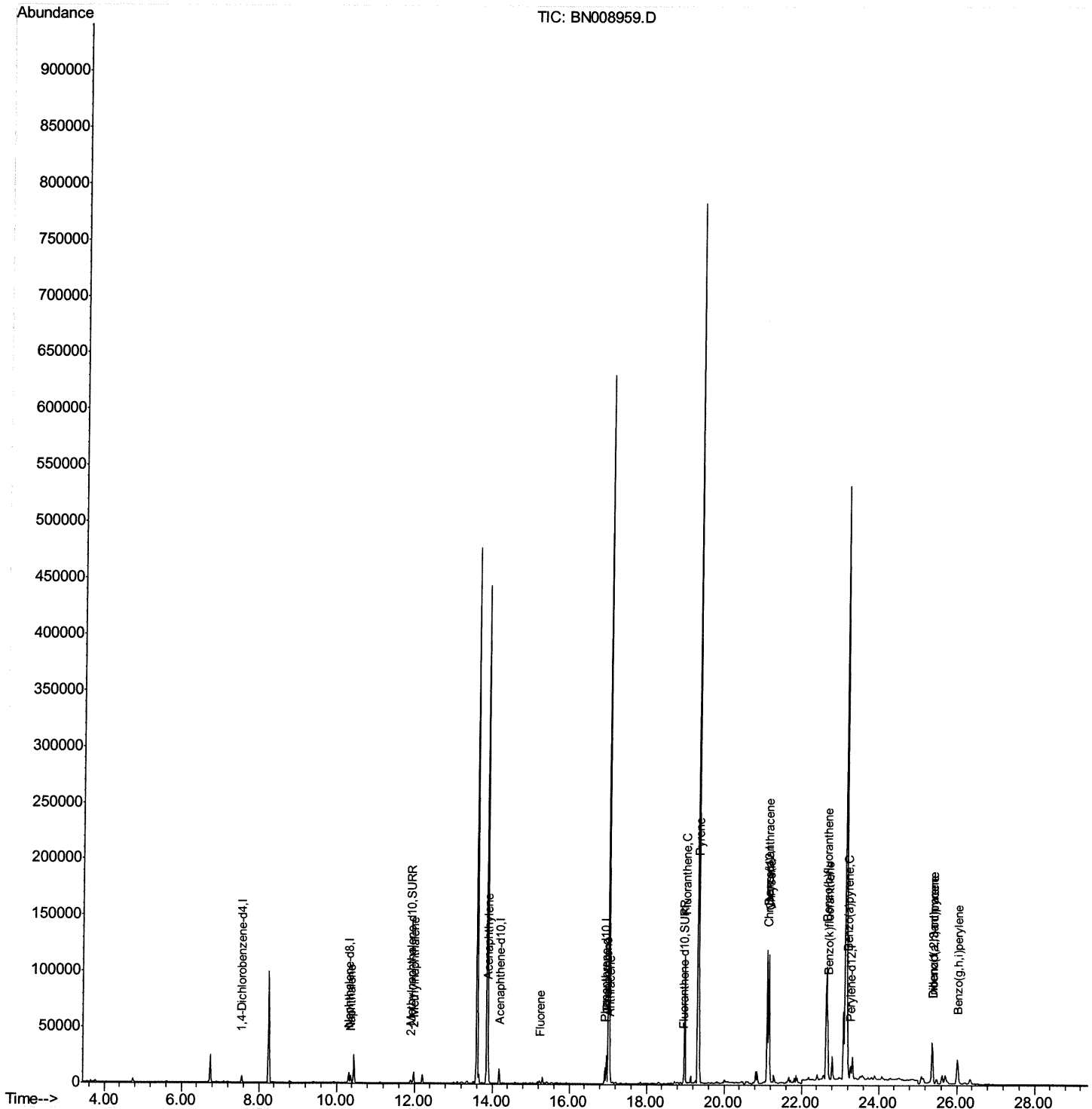
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\  
 Data File : BN008959.D  
 Acq On : 12 Dec 2019 23:13  
 Operator : JU  
 Sample : K6089-19  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0BR5

Manual Integrations  
 APPROVED

mohammad  
 12/13/2019 9:08:35 AM

Quant Time: Dec 13 01:44:11 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 12 00:49:42 2019  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

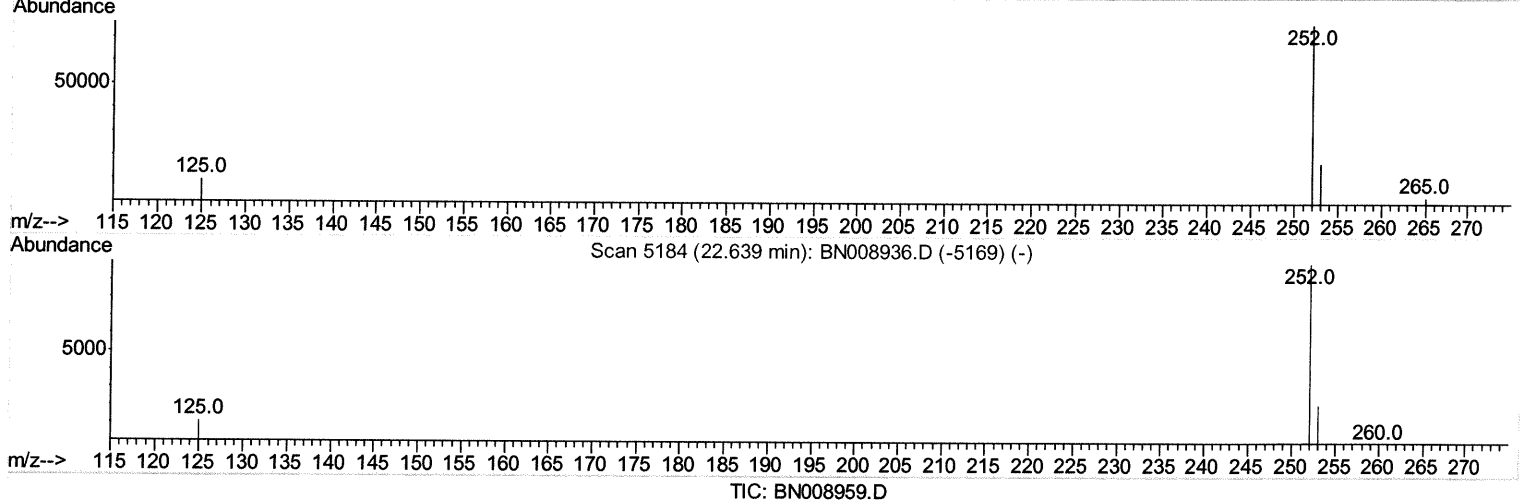
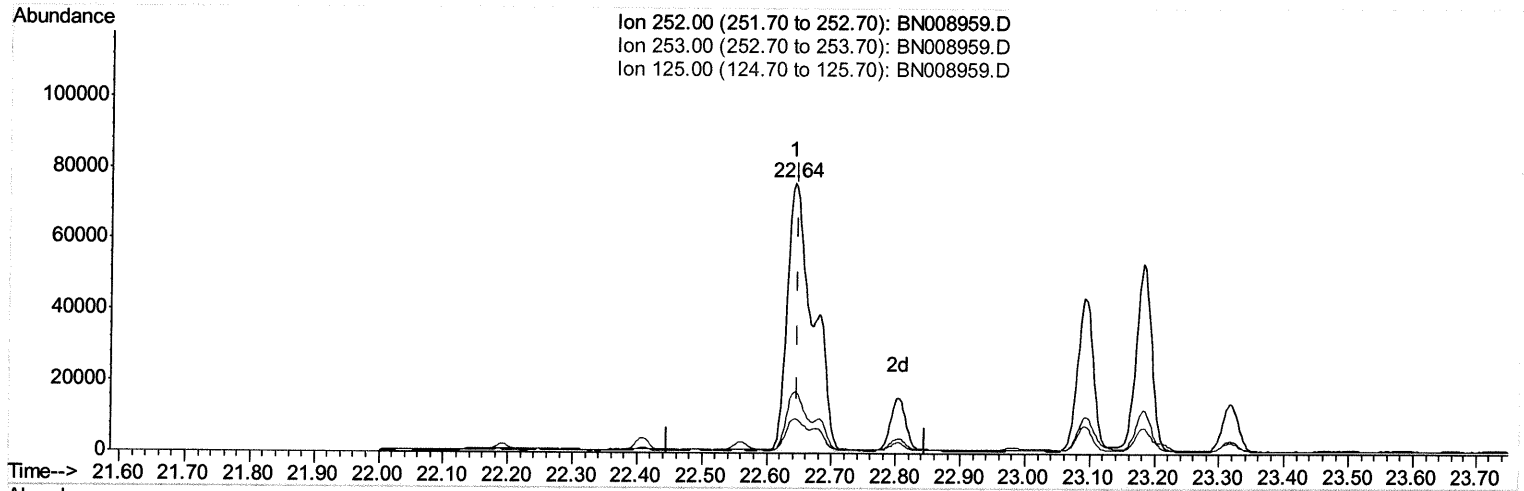
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Quant Time: Dec 13 00:51:47 2019  
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(21) Benzo(b)fluoranthene

22.641min (-0.005) 3.83ng/ul

response 207980

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.30 | 22.85 |
| 125.00 | 15.80 | 12.78 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

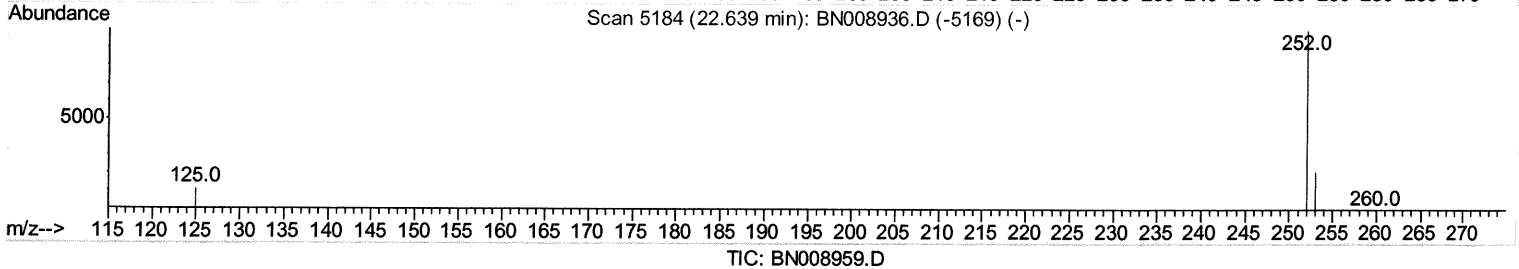
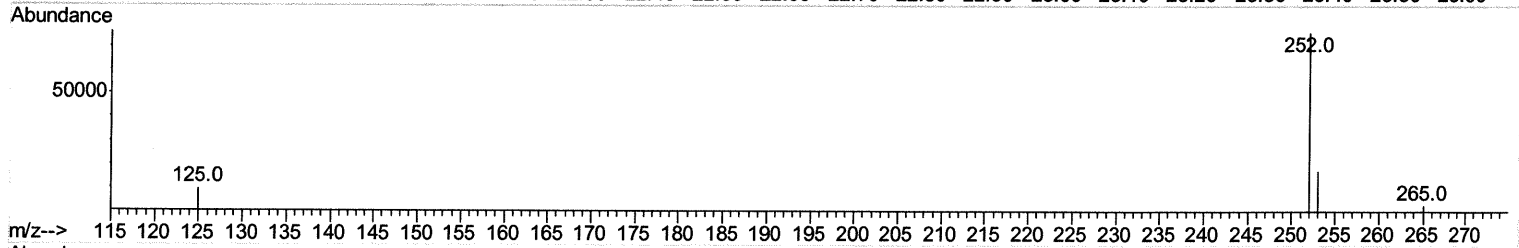
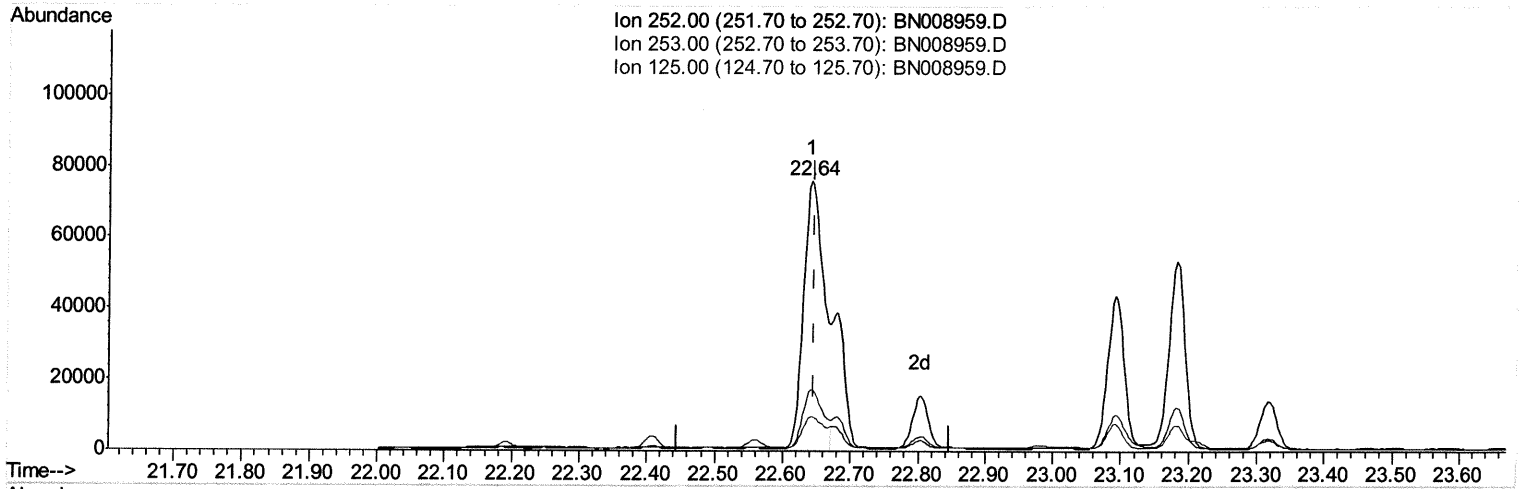
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(21) Benzo(b)fluoranthene

22.641min (-0.005) 2.93ng/ul m *Ju 12/13/19*

response 159206

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.30 | 22.85 |
| 125.00 | 15.80 | 12.78 |
| 0.00   | 0.00  | 0.00  |

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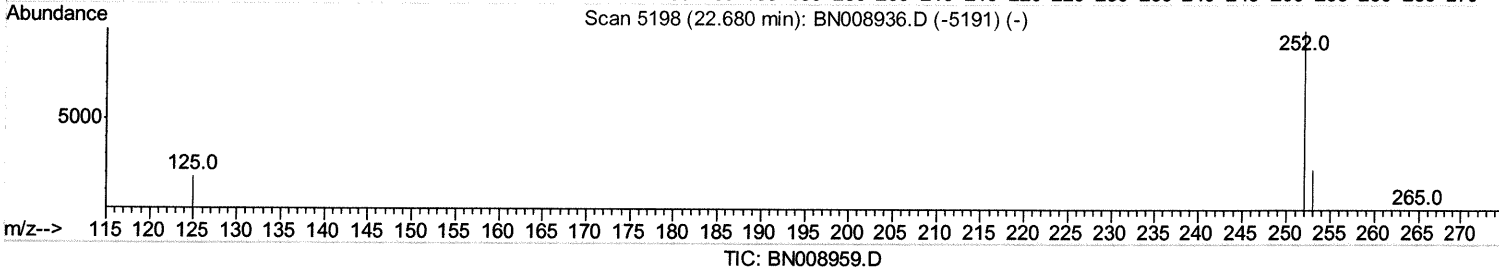
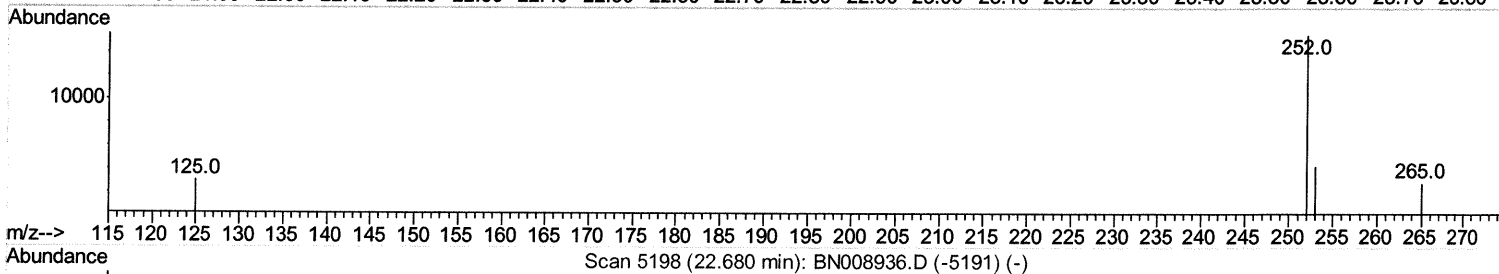
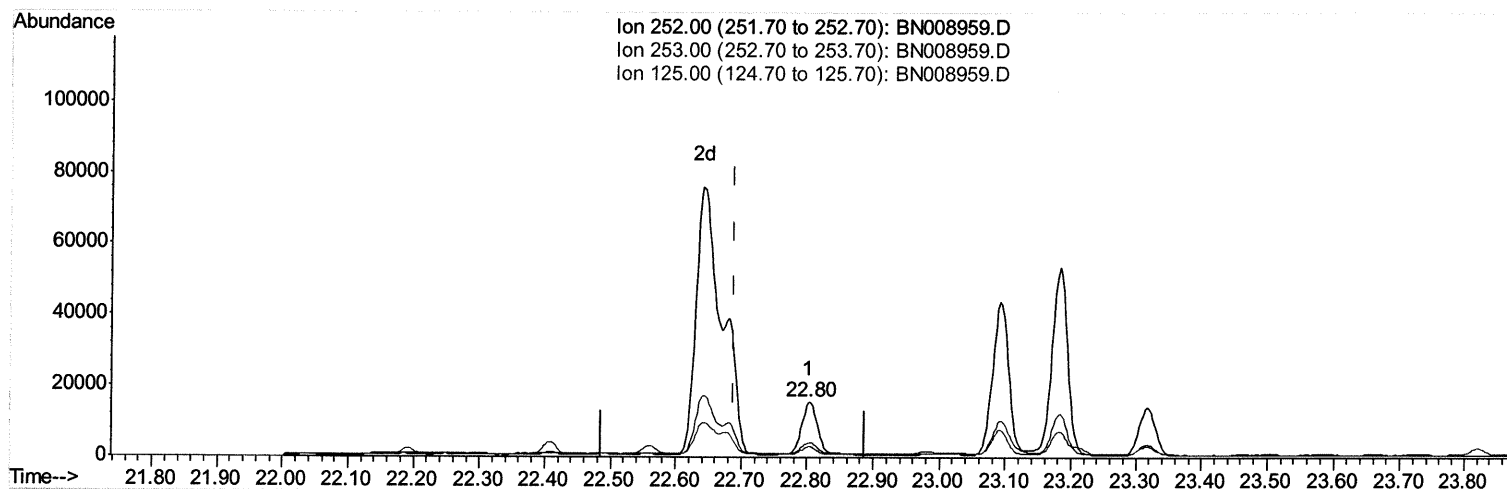
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(22) Benzo(k)fluoranthene

22.802min (+0.115) 0.47ng/ul

response 25556

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.50 | 27.58 |
| 125.00 | 17.20 | 19.11 |
| 0.00   | 0.00  | 0.00  |

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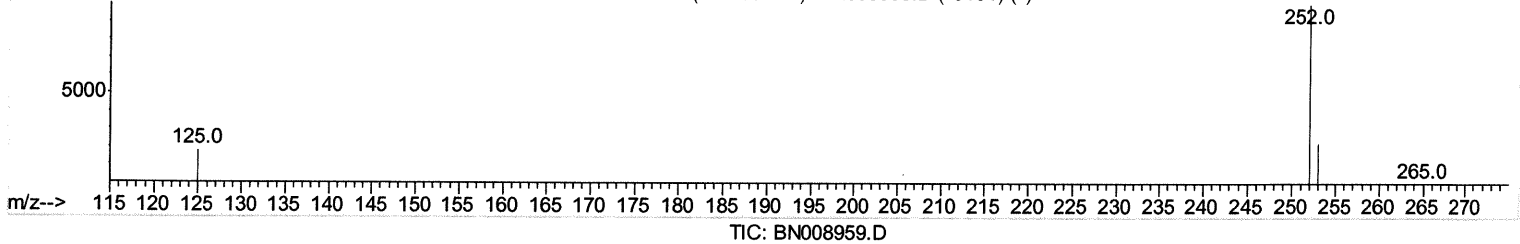
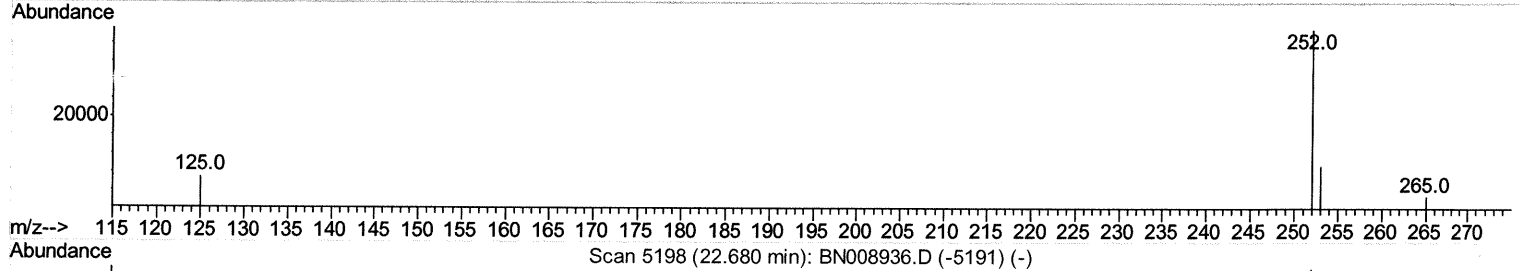
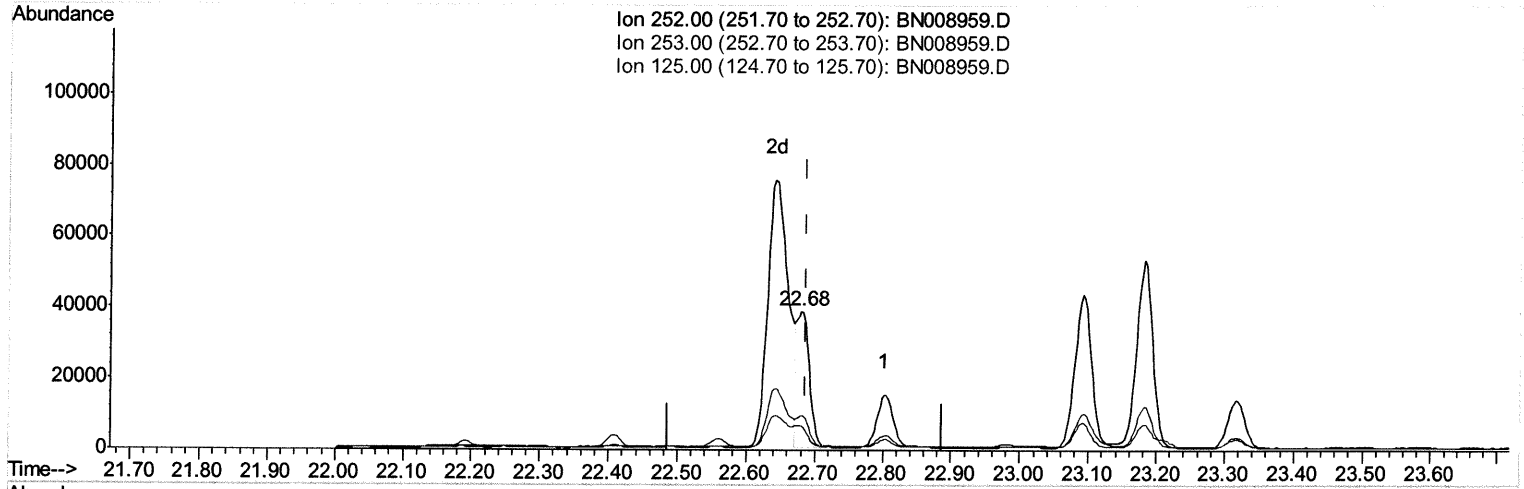
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(22) Benzo(k)fluoranthene

22.679min (-0.008) 0.90ng/ul m

JU 12/13/19

response 48377

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.50 | 24.62 |
| 125.00 | 17.20 | 17.45 |
| 0.00   | 0.00  | 0.00  |

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 2568     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.31 | 136  | 11058    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.18 | 164  | 7085     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.93 | 188  | 16245    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.13 | 240  | 13879    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.27 | 264  | 13179    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.91 | 152  | 3317     | 0.18 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 18.96 | 212  | 9667     | 0.19 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue       |
|----------------------------|-------|------|----------|-------|--------|--------------|
| 3) Naphthalene             | 10.36 | 128  | 8852     | 0.266 | ng/ul  | 98           |
| 5) 2-Methylnaphthalene     | 11.98 | 142  | 6658     | 0.286 | ng/ul  | 100          |
| 7) Acenaphthylene          | 13.90 | 152  | 16928    | 0.432 | ng/ul  | 99           |
| 9) Fluorene                | 15.24 | 166  | 1216     | 0.036 | ng/ul# | 79           |
| 12) Phenanthrene           | 16.97 | 178  | 26055    | 0.476 | ng/ul  | 100          |
| 13) Anthracene             | 17.06 | 178  | 11170    | 0.216 | ng/ul  | 98           |
| 15) Fluoranthene           | 18.99 | 202  | 88459    | 1.314 | ng/ul  | 100          |
| 17) Pyrene                 | 19.35 | 202  | 84045    | 1.509 | ng/ul  | 99           |
| 18) Benzo(a)anthracene     | 21.11 | 228  | 94559    | 1.694 | ng/ul  | 95           |
| 19) Chrysene               | 21.16 | 228  | 113829   | 2.076 | ng/ul  | 98           |
| 21) Benzo(b)fluoranthene   | 22.64 | 252  | 159206m  | 2.930 | ng/ul  | } 7412/13/19 |
| 22) Benzo(k)fluoranthene   | 22.68 | 252  | 48377m   | 0.898 | ng/ul  |              |
| 23) Benzo(a)pyrene         | 23.18 | 252  | 88530    | 1.736 | ng/ul# | 94           |
| 24) Indeno(1,2,3-cd)pyrene | 25.38 | 276  | 51133    | 0.857 | ng/ul  | 92           |
| 25) Dibenzo(a,h)anthracene | 25.38 | 278  | 15034    | 0.312 | ng/ul  | 94           |
| 26) Benzo(g,h,i)perylene   | 26.02 | 276  | 43722    | 0.876 | ng/ul  | 98           |

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