

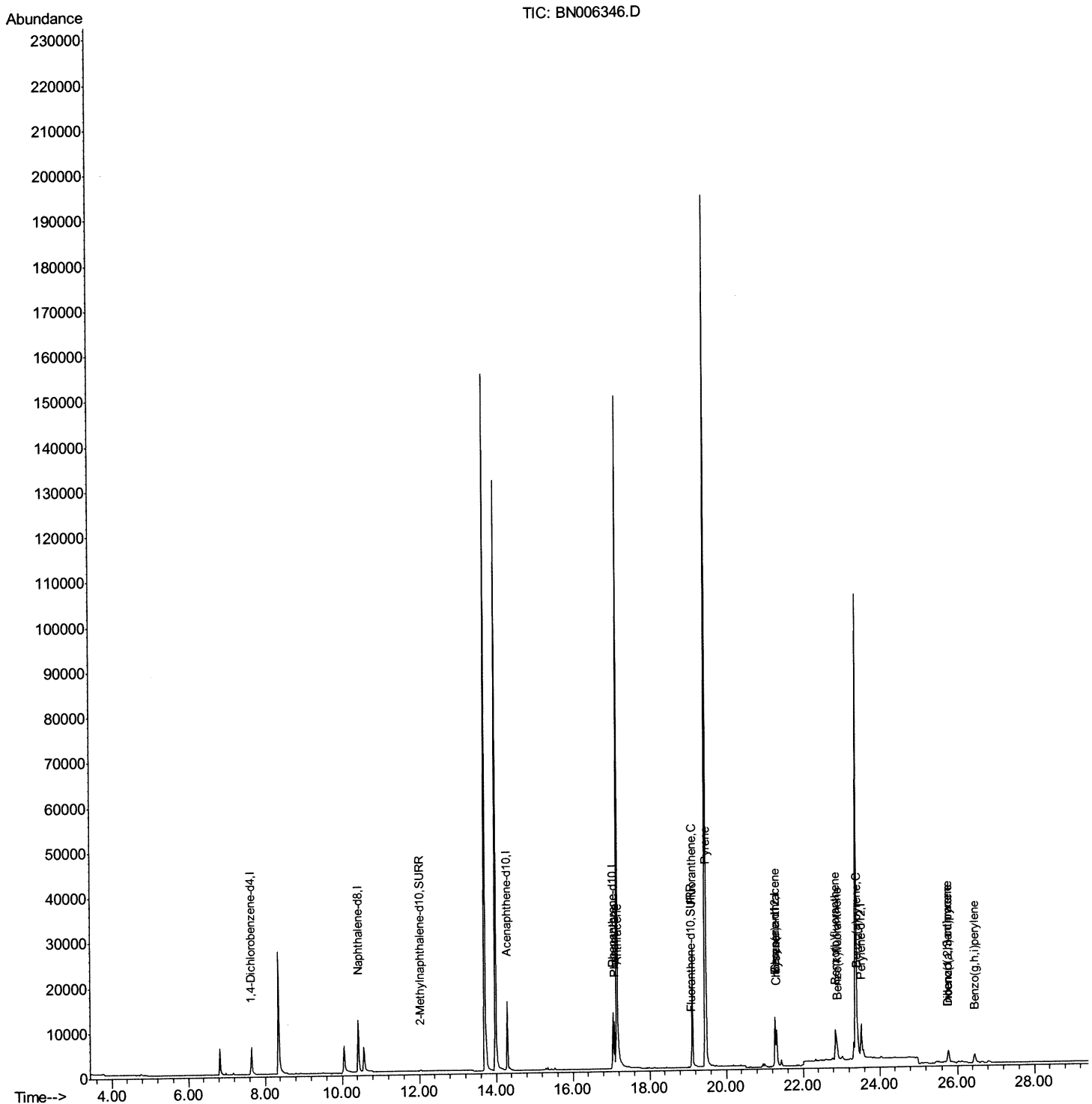
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\  
 Data File : BN006346.D  
 Acq On : 17 Jun 2019 14:07  
 Operator : JU/SJ  
 Sample : K3332-09DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A41W1DL

Manual Integrations  
 APPROVED

mohammad  
 6/20/2019 10:50:59 AM

Quant Time: Jun 18 02:06:23 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

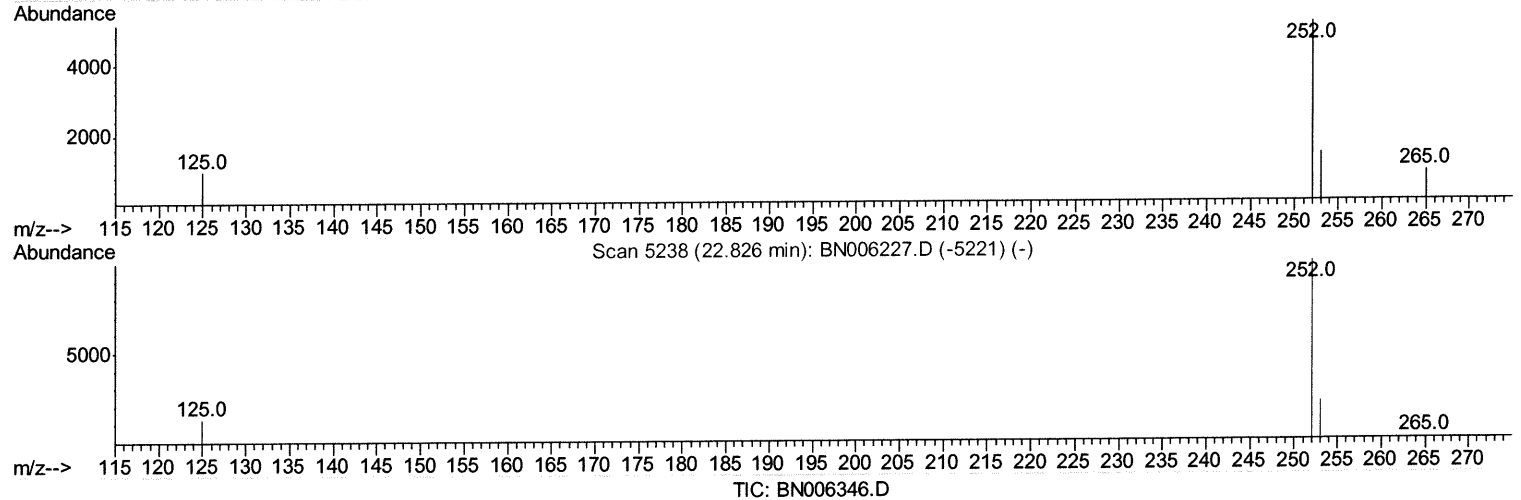
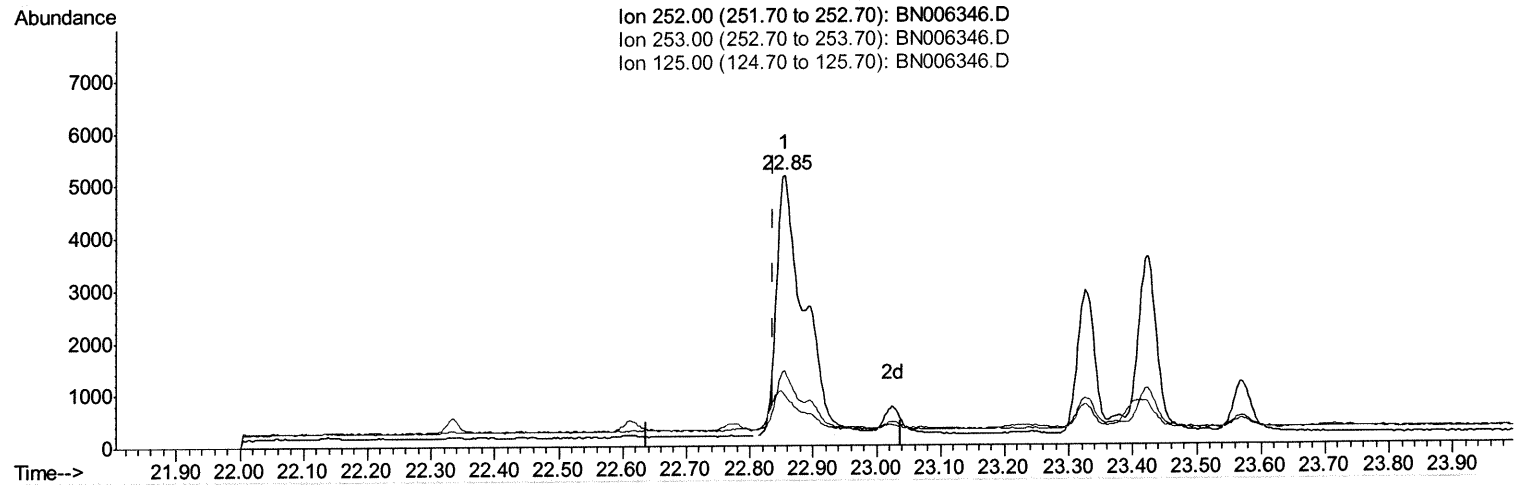
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(21) Benzo(b)fluoranthene  
 22.855min (+0.018) 0.29ng/ul  
 response 15420

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.70 | 27.66 |
| 125.00 | 20.50 | 18.66 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

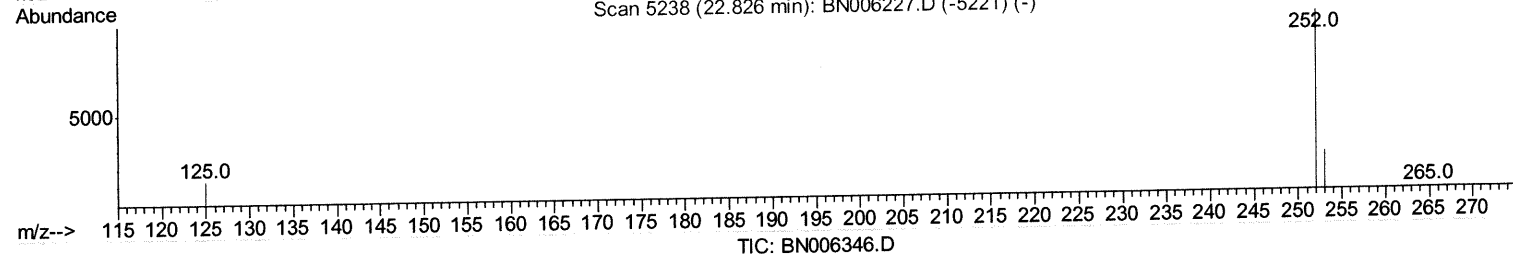
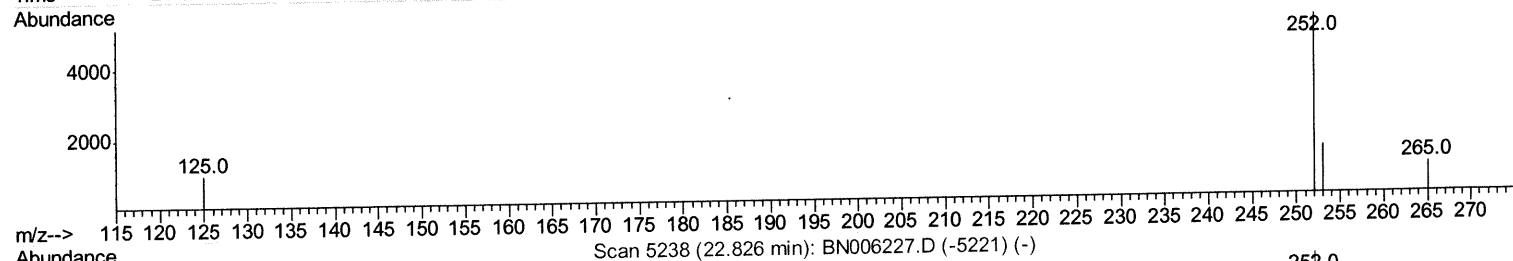
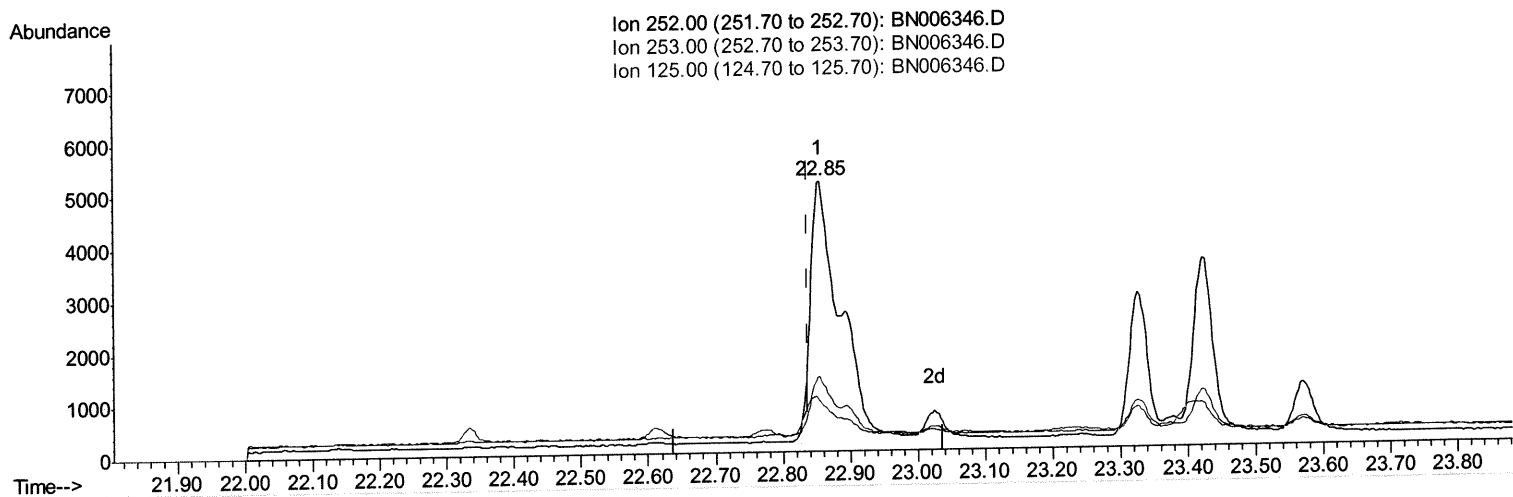
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(21) Benzo(b)fluoranthene

22.855min (+0.018) 0.20ng/ul m *JU 06/18/19*

response 10629

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.70 | 27.66 |
| 125.00 | 20.50 | 18.66 |
| 0.00   | 0.00  | 0.00  |

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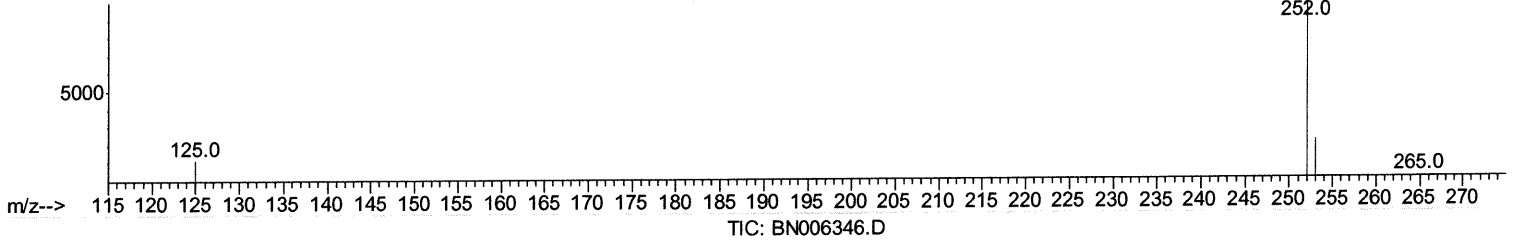
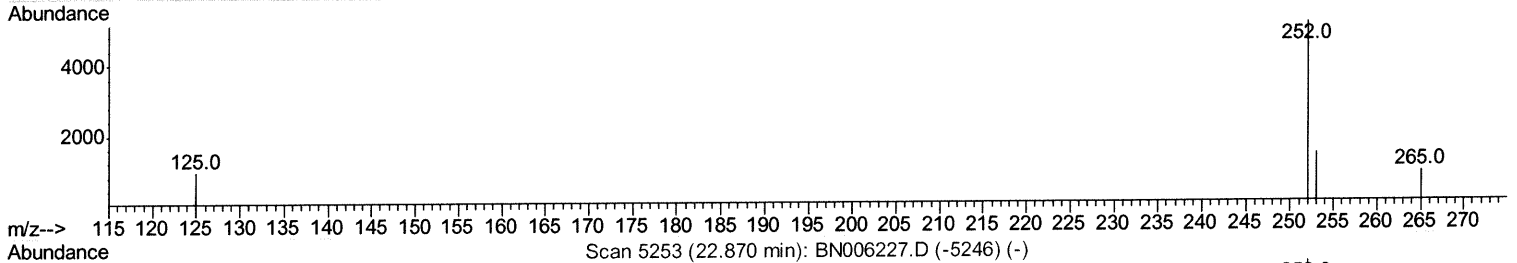
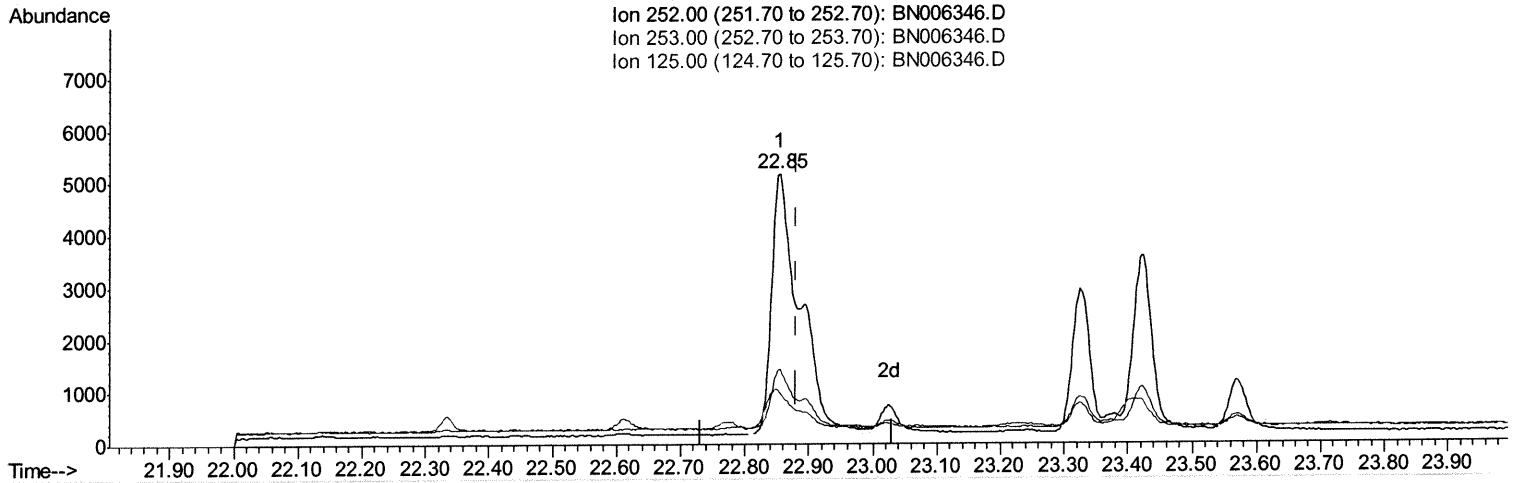
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(22) Benzo(k)fluoranthene  
 22.855min (-0.026) 0.30ng/ul  
 response 15420

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.40 | 27.66 |
| 125.00 | 17.90 | 18.66 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

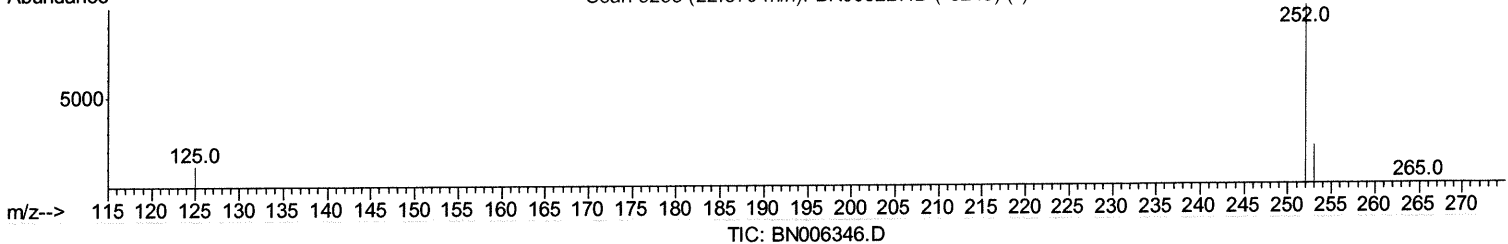
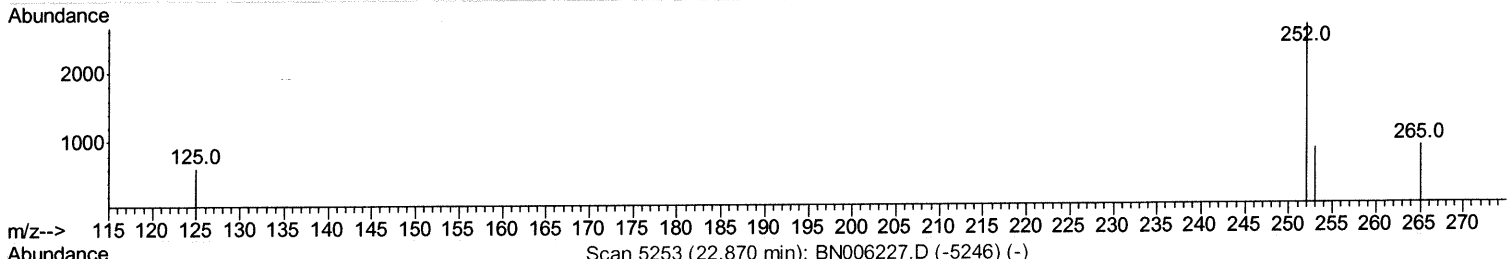
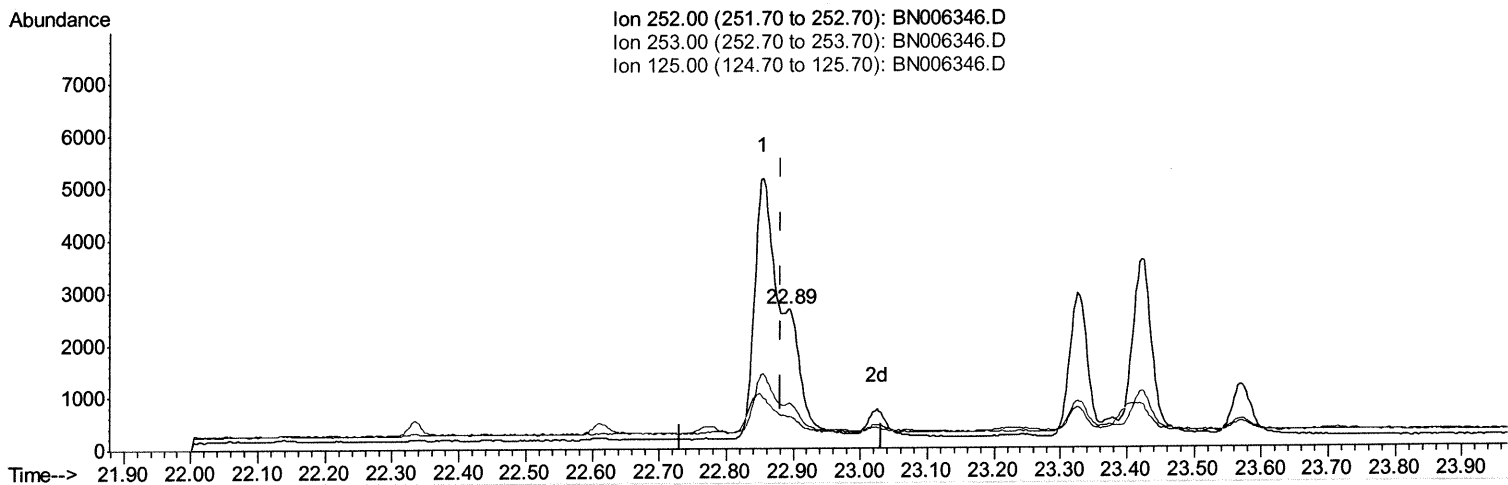
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(22) Benzo(k)fluoranthene

22.893min (+0.012) 0.08ng/ul m *JU 06/18/19*

response 4278

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.40 | 32.64# |
| 125.00 | 17.90 | 23.13# |
| 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   | 7.64  | 152  | 4224     | 0.40    | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.42 | 136  | 17121    | 0.40    | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.29 | 164  | 8920     | 0.40    | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 15645    | 0.40    | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.28 | 240  | 9251     | 0.40    | ng/ul  | 0.01     |
| 20) Perylene-d12            | 23.52 | 264  | 12852    | 0.40    | ng/ul  | 0.01     |
| System Monitoring Compounds |       |      |          |         |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 924      | 0.04    | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 1919     | 0.05    | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |         |        |          |
| 12) Phenanthrene            | 17.09 | 178  | 11635    | 0.232   | ng/ul  | 99       |
| 13) Anthracene              | 17.18 | 178  | 2017     | 0.042   | ng/ul# | 87       |
| 15) Fluoranthene            | 19.12 | 202  | 24724    | 0.446   | ng/ul  | 97       |
| 17) Pyrene                  | 19.49 | 202  | 21007    | 0.431   | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.26 | 228  | 7521     | 0.184   | ng/ul  | 99       |
| 19) Chrysene                | 21.31 | 228  | 8904     | 0.232   | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.85 | 252  | 10629m   | > 0.198 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.89 | 252  | 4278m    | > 0.082 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.42 | 252  | 6734     | 0.135   | ng/ul  | 94       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.77 | 276  | 4954     | 0.092   | ng/ul# | 87       |
| 25) Dibenzo(a,h)anthracene  | 25.77 | 278  | 1185     | 0.027   | ng/ul# | 60       |
| 26) Benzo(g,h,i)perylene    | 26.45 | 276  | 4226     | 0.093   | ng/ul  | 96       |

JU 06/18/19

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