

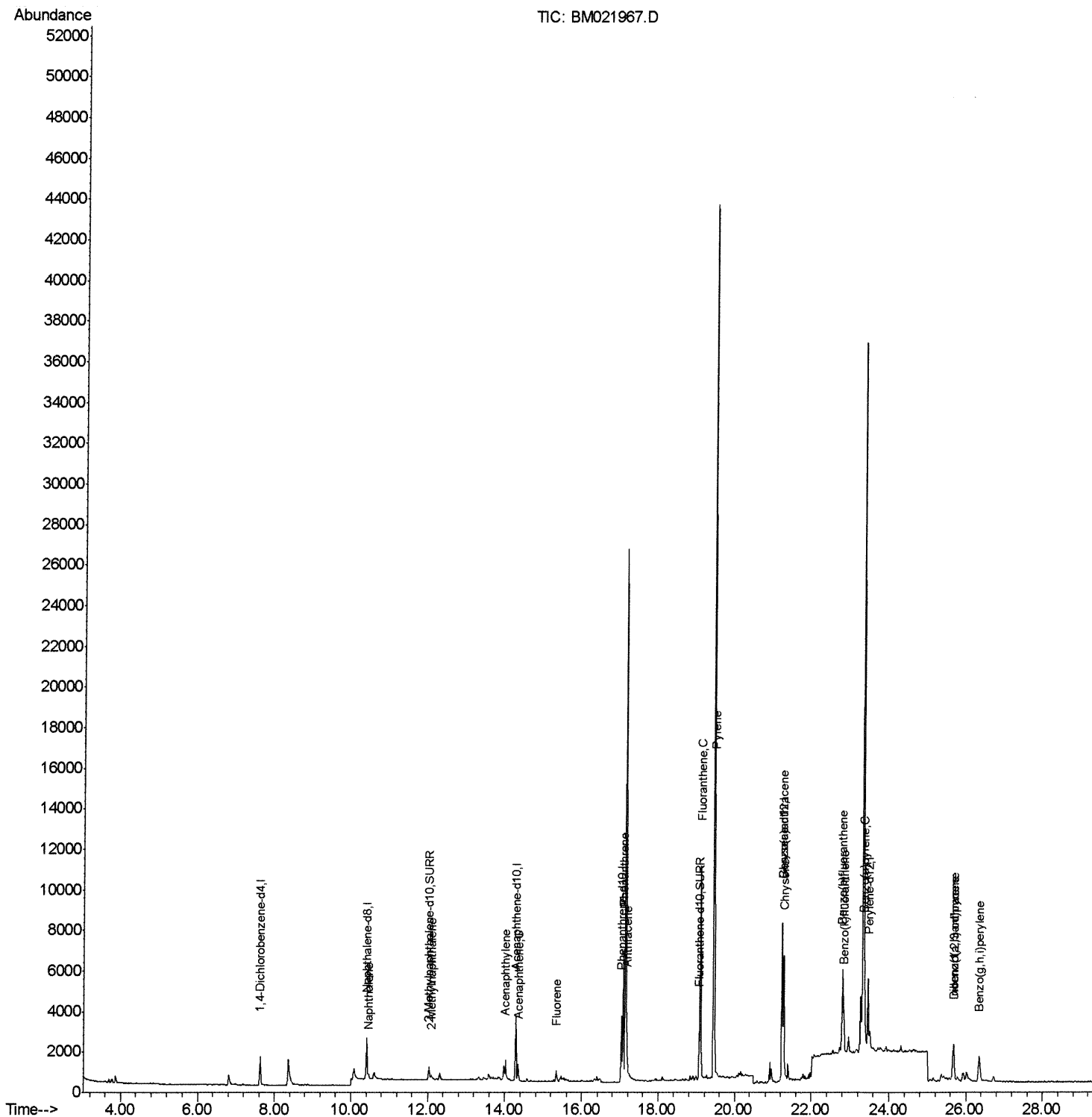
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\  
Data File : BM021967.D  
Acq On : 09 Aug 2019 12:58  
Operator : HP/JU  
Sample : K4029-18DL 5X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BENT7DL

Manual Integrations  
APPROVED

Sohil  
8/13/2019 8:35:44 AM

Quant Time: Aug 10 05:41:57 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 09 01:29:50 2019  
Response via : Initial Calibration



# Quantitation Report (Qedit)

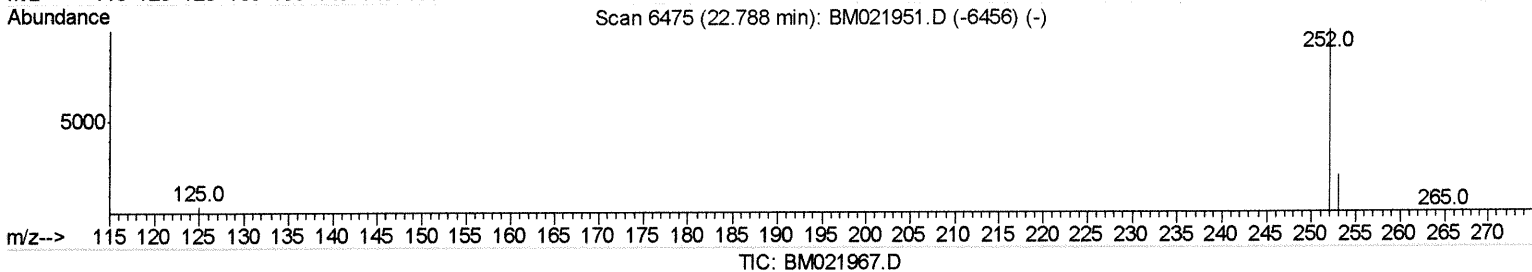
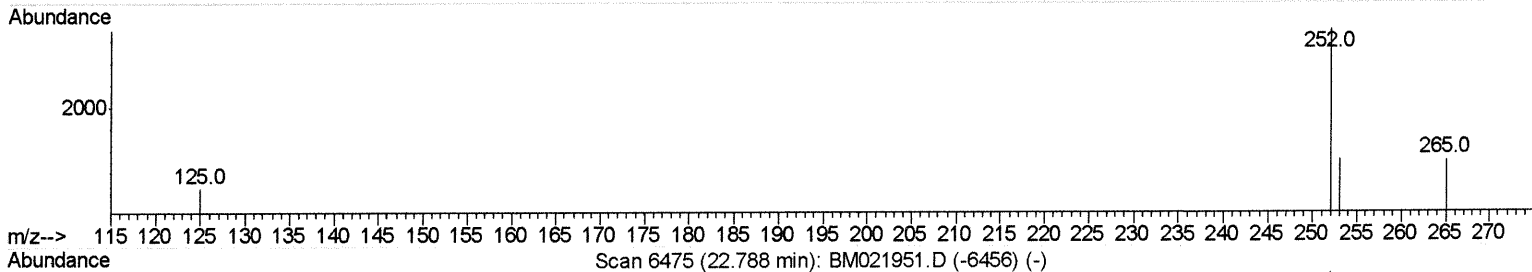
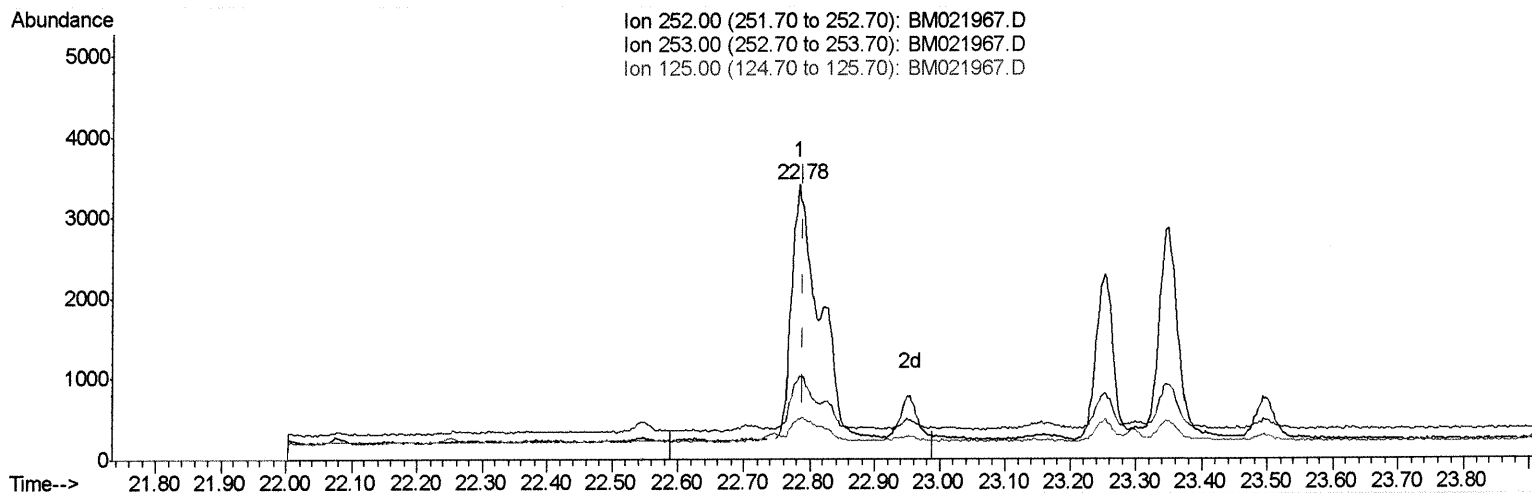
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(21) Benzo(b)fluoranthene

22.784min (-0.007) 0.50ng/ul

response 9386

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 30.42 |
| 125.00 | 15.50 | 14.76 |
| 0.00   | 0.00  | 0.00  |

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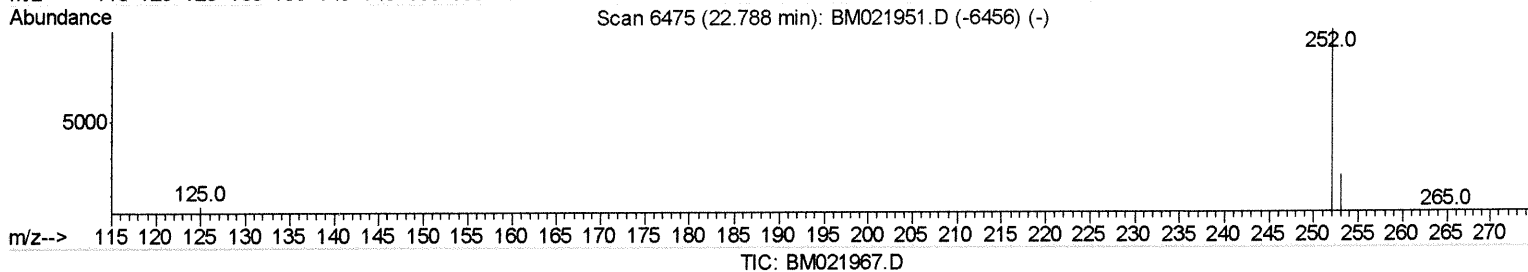
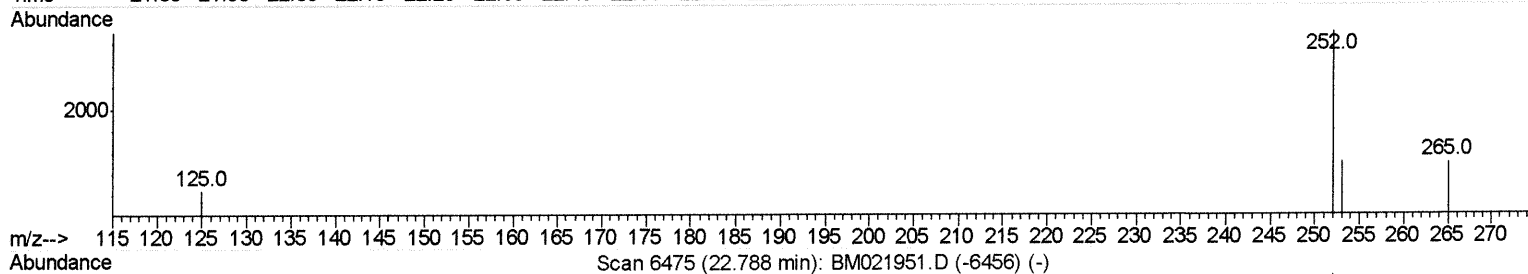
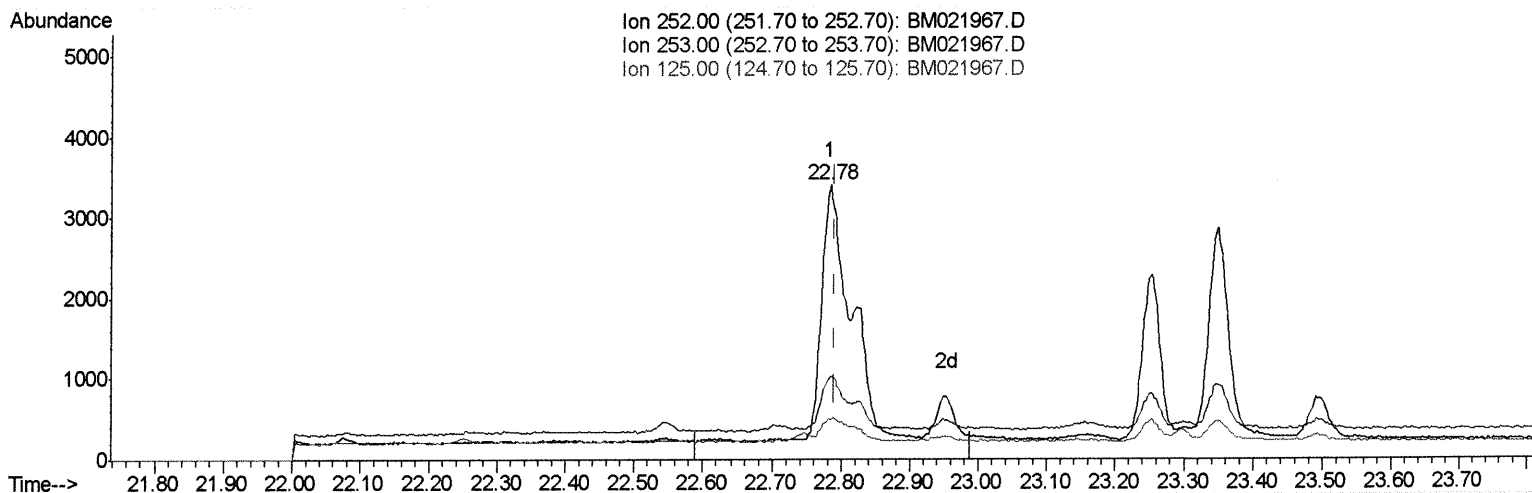
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(21) Benzo(b)fluoranthene

22.784min (-0.007) 0.37ng/ul m

JU  
08/12/19

response 6863

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 30.42 |
| 125.00 | 15.50 | 14.76 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

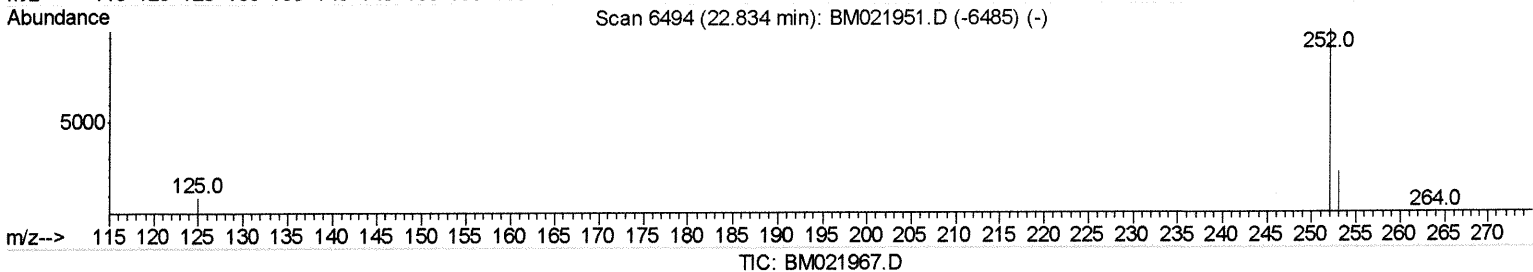
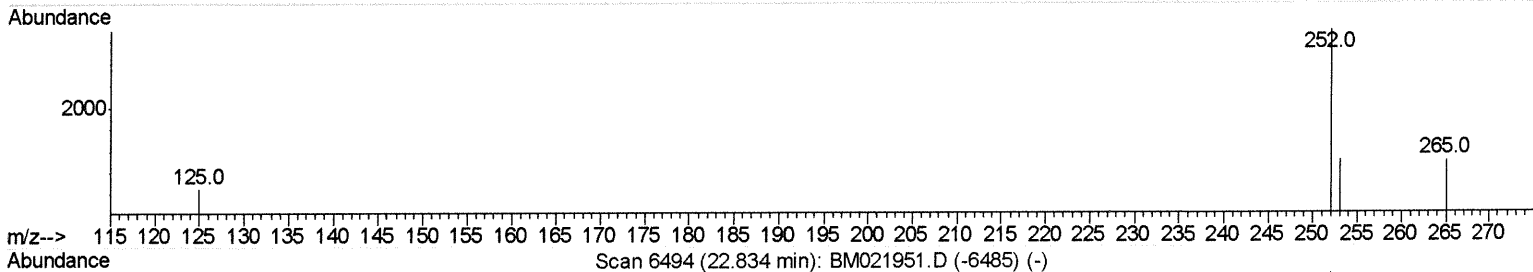
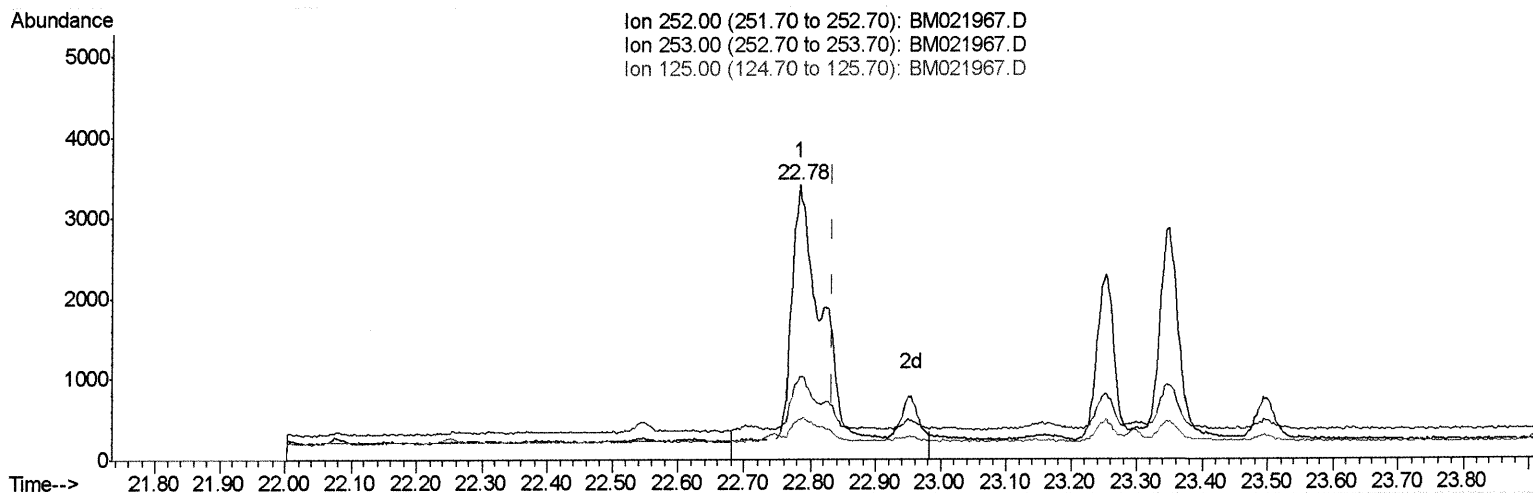
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(22) Benzo(k)fluoranthene

22.784min (-0.051) 0.45ng/ul

response 9386

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 30.42 |
| 125.00 | 15.20 | 14.76 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

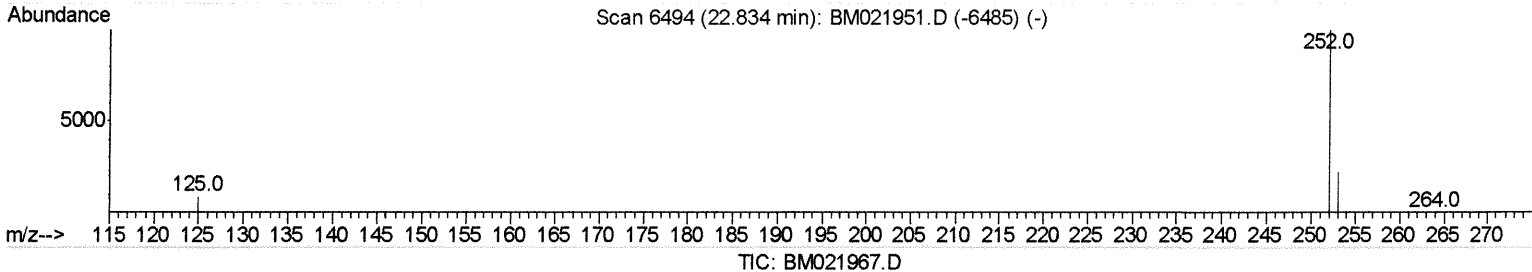
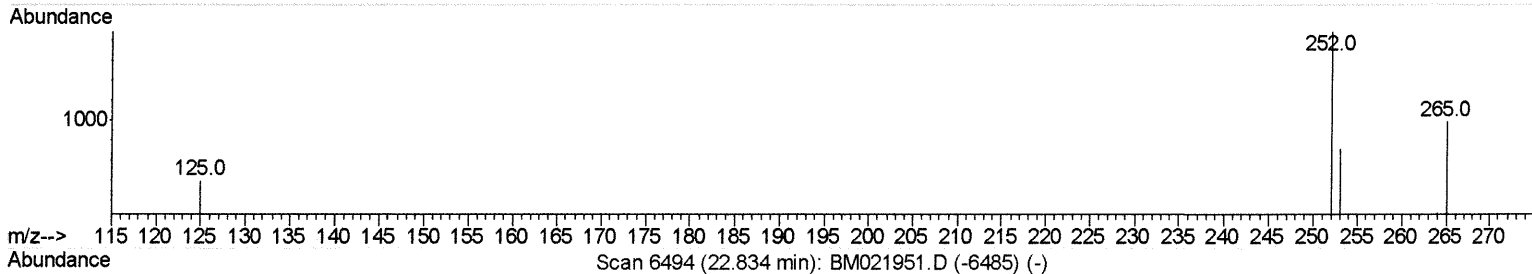
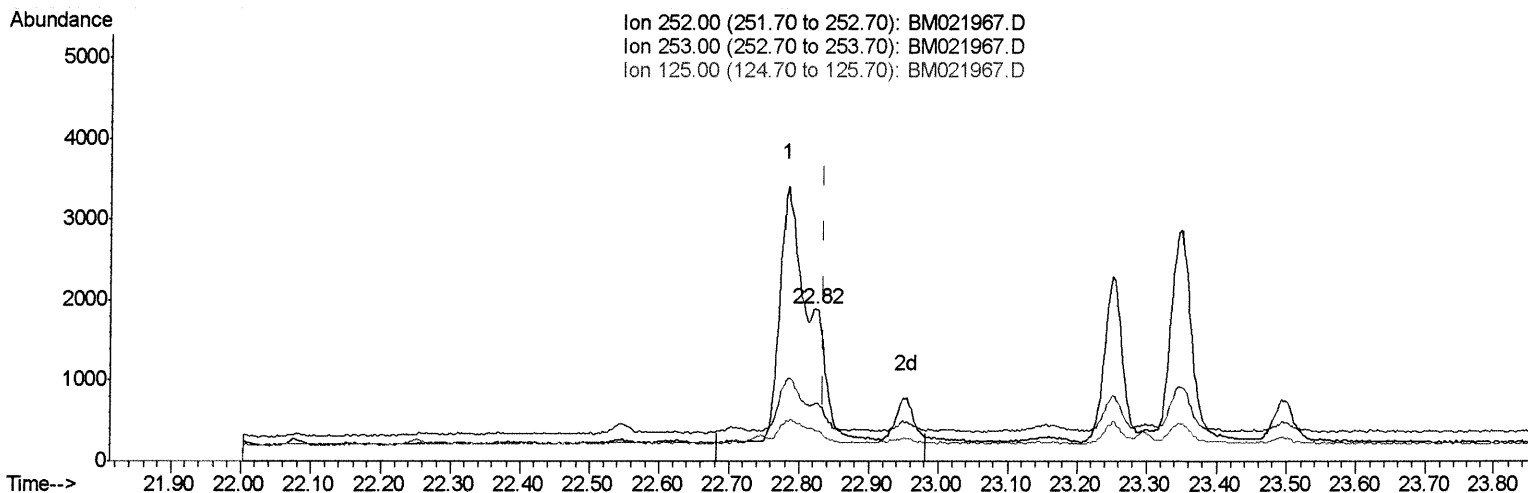
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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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Sohil  
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(22) Benzo(k)fluoranthene

22.823min (-0.012) 0.10ng/ul m *JU 08/12/19*

response 2145

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 33.70 | 37.71  |
| 125.00 | 15.20 | 20.76# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\  
 Data File : BM021967.D  
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 Operator : HP/JU  
 Sample : K4029-18DL 5X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 828      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.41 | 136  | 3600     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.27 | 164  | 1970     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.03 | 188  | 4271     | 0.40 | ng/ul | -0.01    |
| 16) Chrysene-d12          | 21.23 | 240  | 4122     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.45 | 264  | 5514     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 1311     | 0.22 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.07 | 212  | 2810     | 0.20 | ng/ul | -0.01    |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 10.46 | 128  | 255      | 0.025 | ng/ul# | 48     |
| 5) 2-Methylnaphthalene     | 12.10 | 142  | 205      | 0.030 | ng/ul  | 99     |
| 7) Acenaphthylene          | 14.00 | 152  | 383      | 0.042 | ng/ul# | 69     |
| 8) Acenaphthene            | 14.34 | 153  | 506      | 0.067 | ng/ul  | 93     |
| 9) Fluorene                | 15.33 | 166  | 430      | 0.052 | ng/ul# | 94     |
| 12) Phenanthrene           | 17.07 | 178  | 7509     | 0.604 | ng/ul  | 98     |
| 13) Anthracene             | 17.17 | 178  | 1498     | 0.141 | ng/ul# | 90     |
| 15) Fluoranthene           | 19.10 | 202  | 9830     | 0.590 | ng/ul  | 99     |
| 17) Pyrene                 | 19.46 | 202  | 12519    | 0.739 | ng/ul  | 96     |
| 18) Benzo(a)anthracene     | 21.22 | 228  | 6622     | 0.449 | ng/ul  | 99     |
| 19) Chrysene               | 21.27 | 228  | 6392     | 0.337 | ng/ul  | 97     |
| 21) Benzo(b)fluoranthene   | 22.78 | 252  | 6863m    | 0.369 | ng/ul  | 97     |
| 22) Benzo(k)fluoranthene   | 22.82 | 252  | 2145m    | 0.102 | ng/ul  | 97     |
| 23) Benzo(a)pyrene         | 23.35 | 252  | 5119     | 0.271 | ng/ul  | 91     |
| 24) Indeno(1,2,3-cd)pyrene | 25.66 | 276  | 3222     | 0.143 | ng/ul# | 97     |
| 25) Dibenzo(a,h)anthracene | 25.67 | 278  | 882      | 0.048 | ng/ul# | 48     |
| 26) Benzo(a,h,i)perylene   | 26.34 | 276  | 2771     | 0.136 | ng/ul# | 91     |

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