

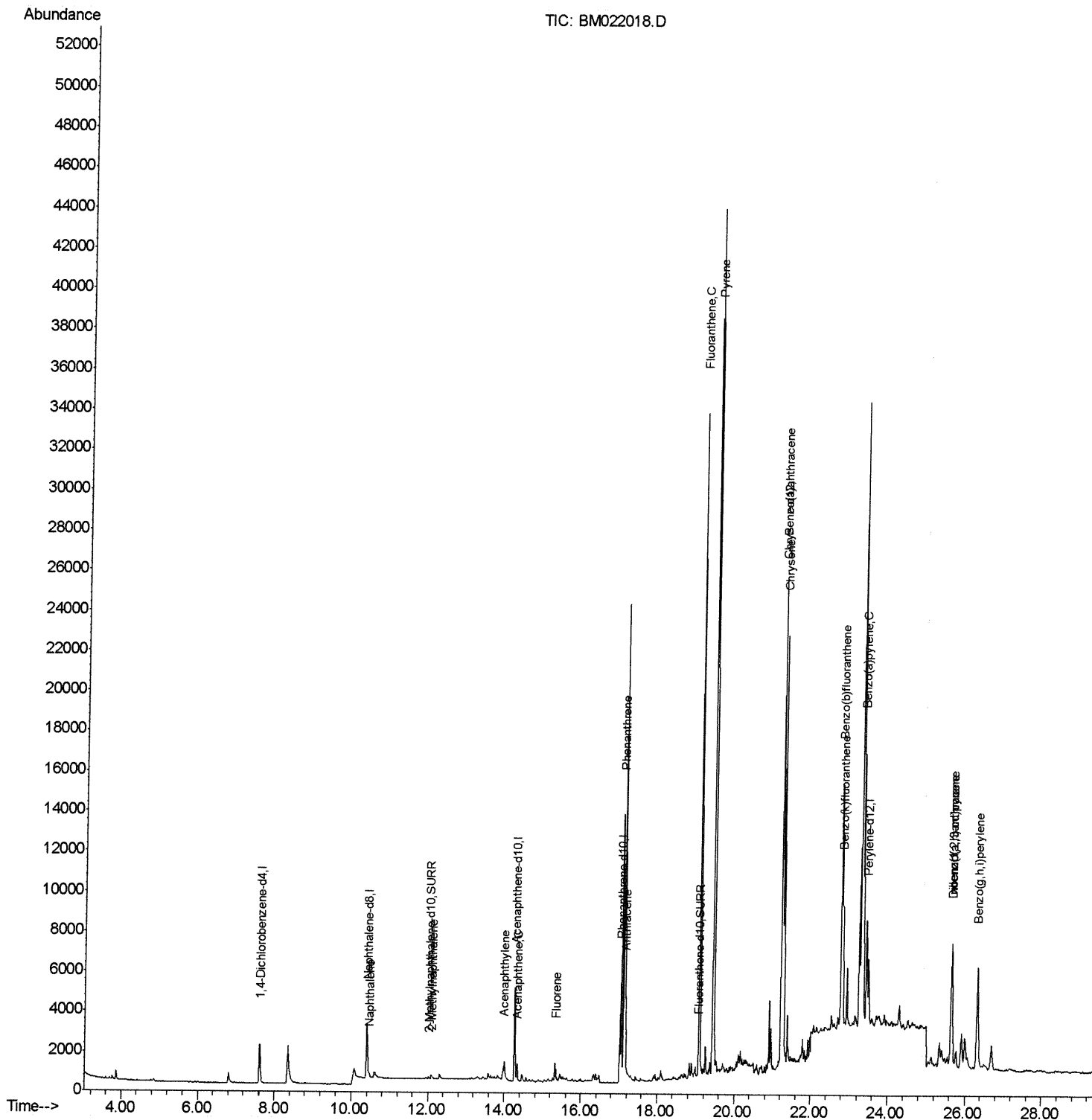
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\  
Data File : BM022018.D  
Acq On : 11 Aug 2019 05:22  
Operator : HP/JU  
Sample : K4028-05DL 10X  
Misc :  
ALS Vial : 55 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BENQ7DL

Manual Integrations  
APPROVED

Sohil  
8/13/2019 8:34:27 AM

Quant Time: Aug 12 01:43:42 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)

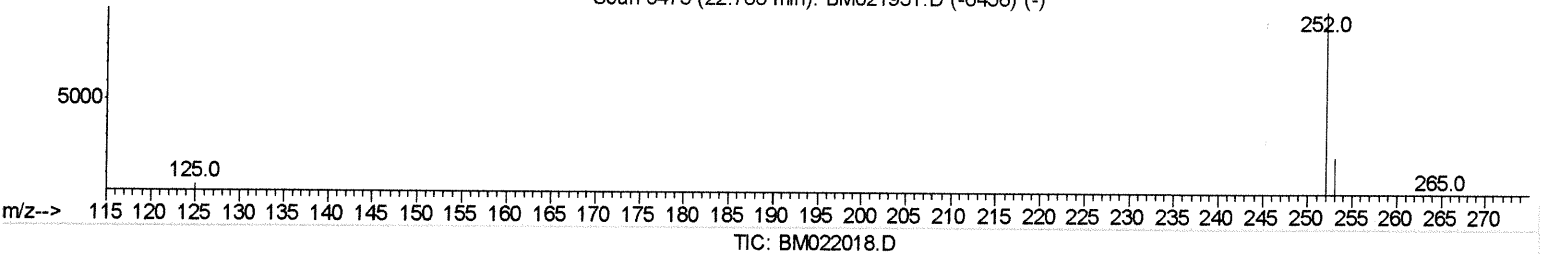
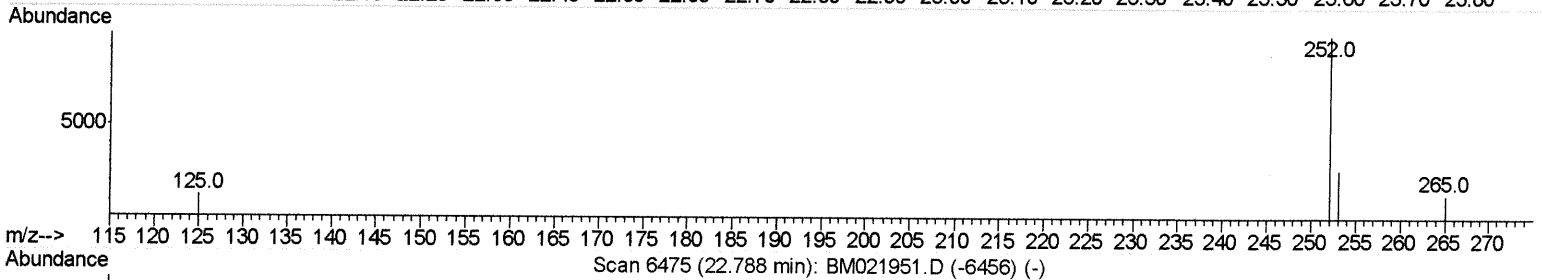
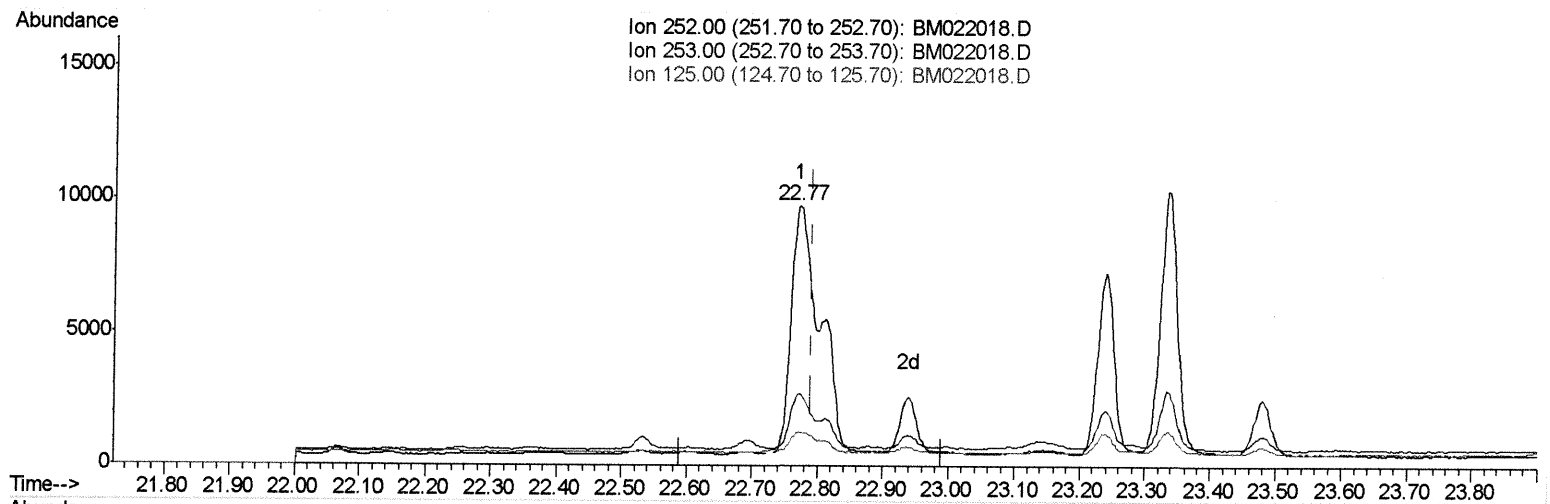
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Quant Time: Aug 12 01:30:56 2019  
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(21) Benzo(b)fluoranthene

22.771min (-0.020) 1.12ng/ul

response 28851

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 27.69 |
| 125.00 | 15.50 | 13.06 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

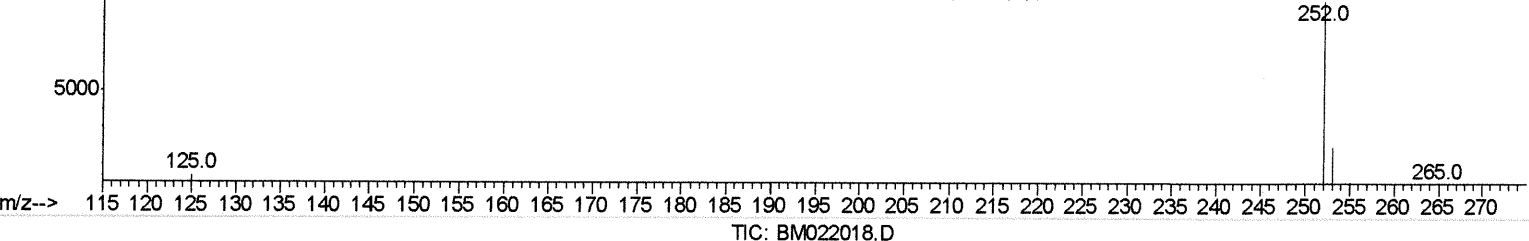
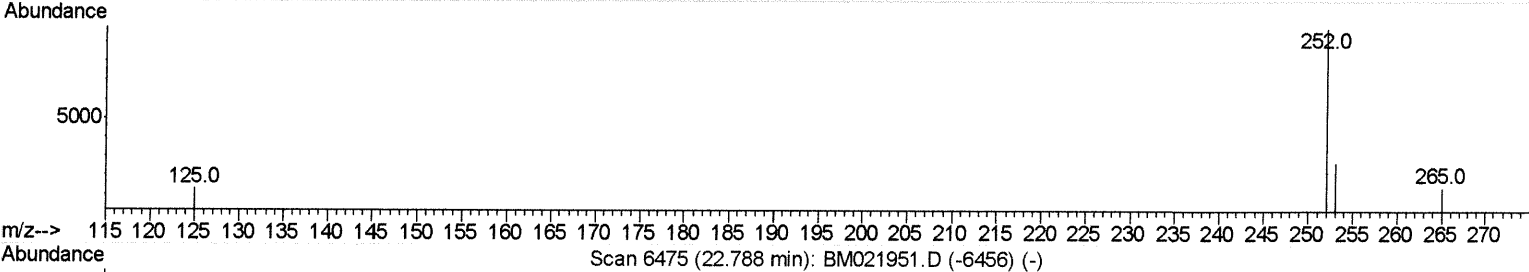
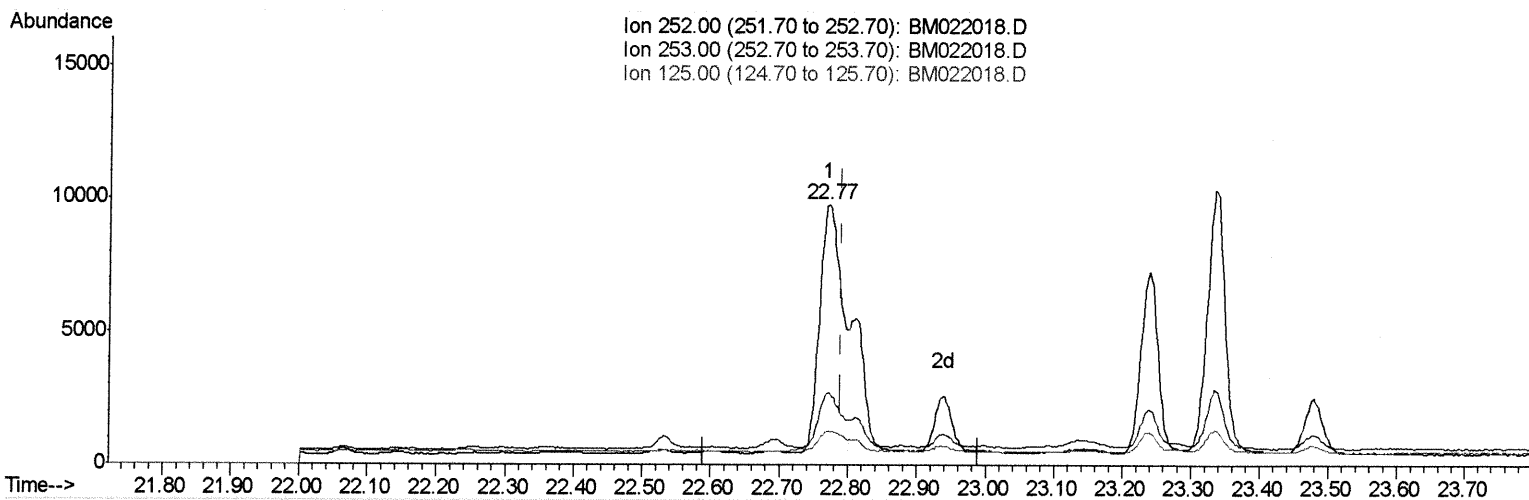
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\  
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 Operator : HP/JU  
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(21) Benzo(b)fluoranthene

22.771min (-0.020) 0.83ng/ul m

JU  
 08/12/19

response 21271

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 27.69 |
| 125.00 | 15.50 | 13.06 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

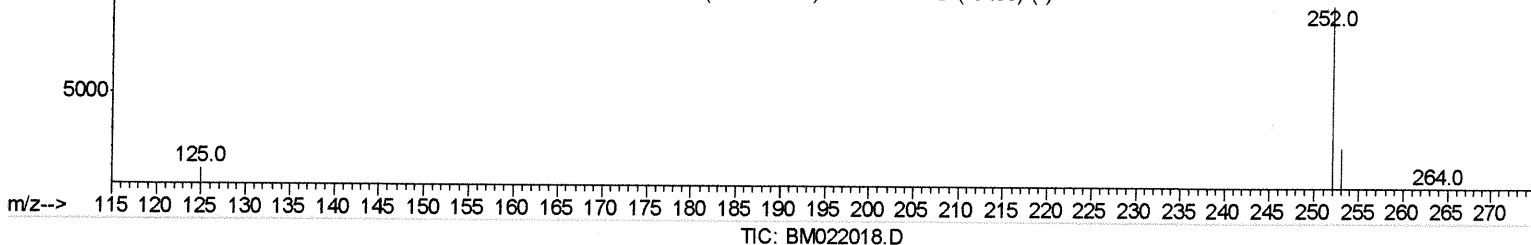
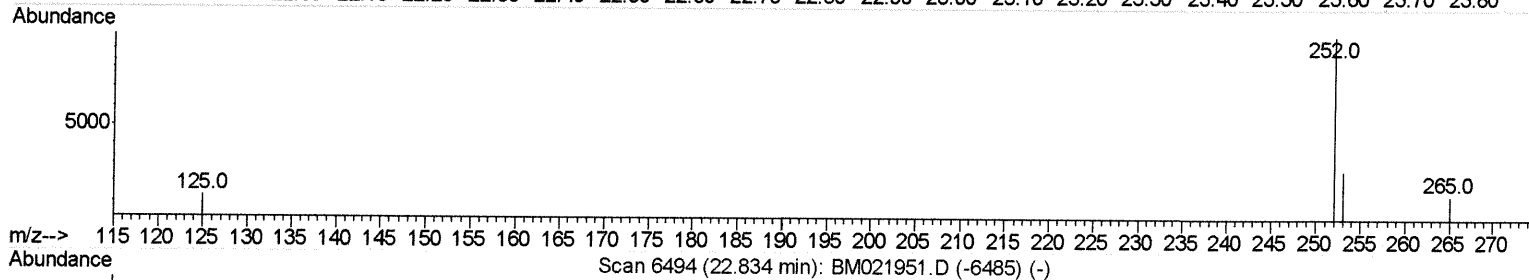
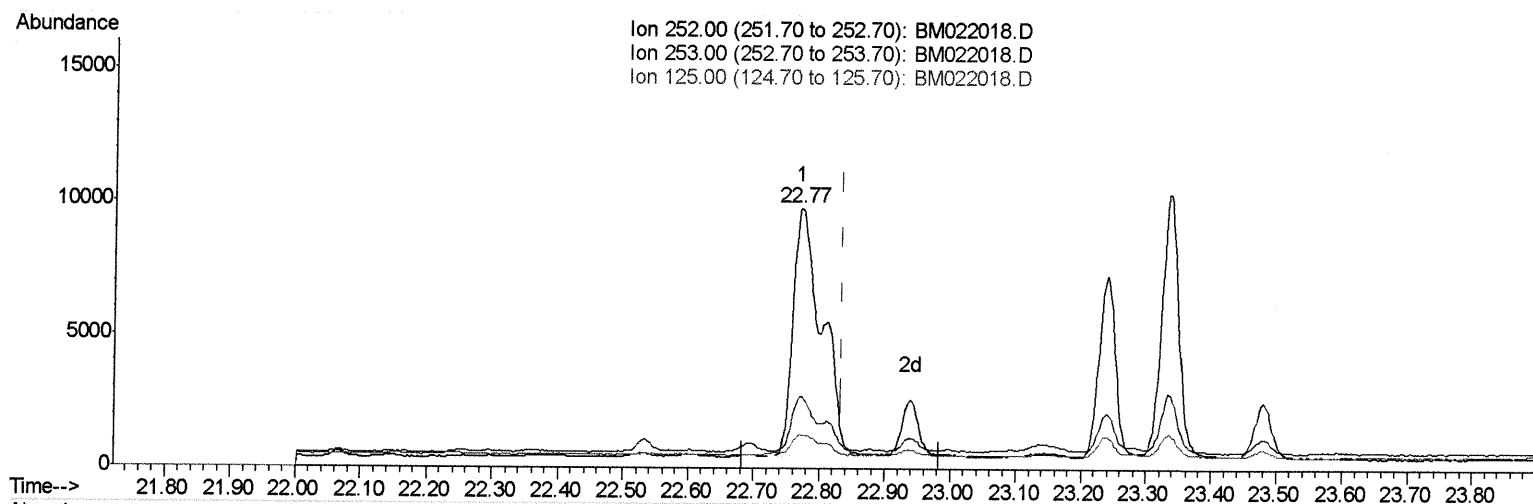
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\  
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(22) Benzo(k)fluoranthene

22.771min (-0.063) 0.99ng/ul

response 28851

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 27.69 |
| 125.00 | 15.20 | 13.06 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

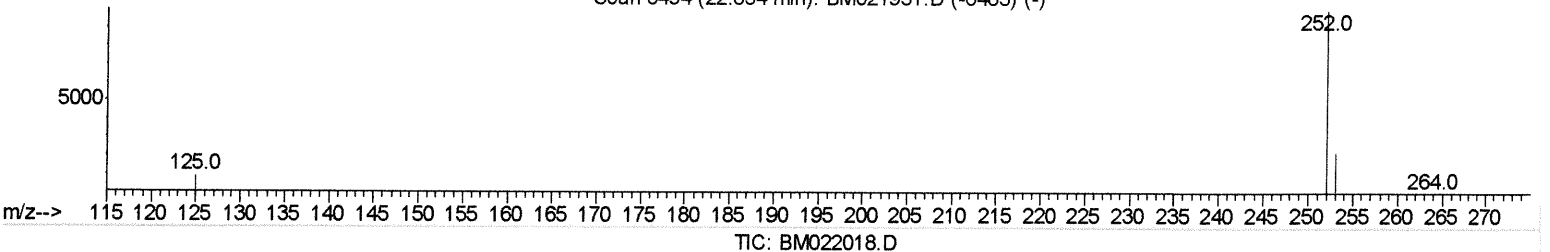
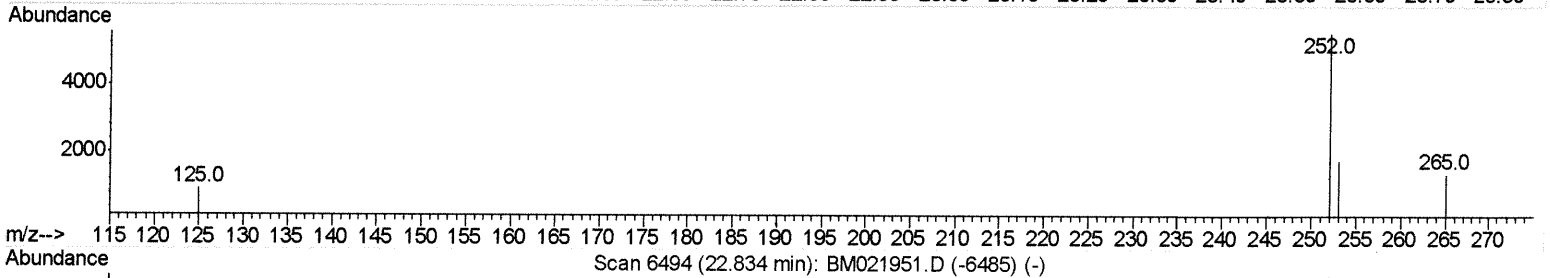
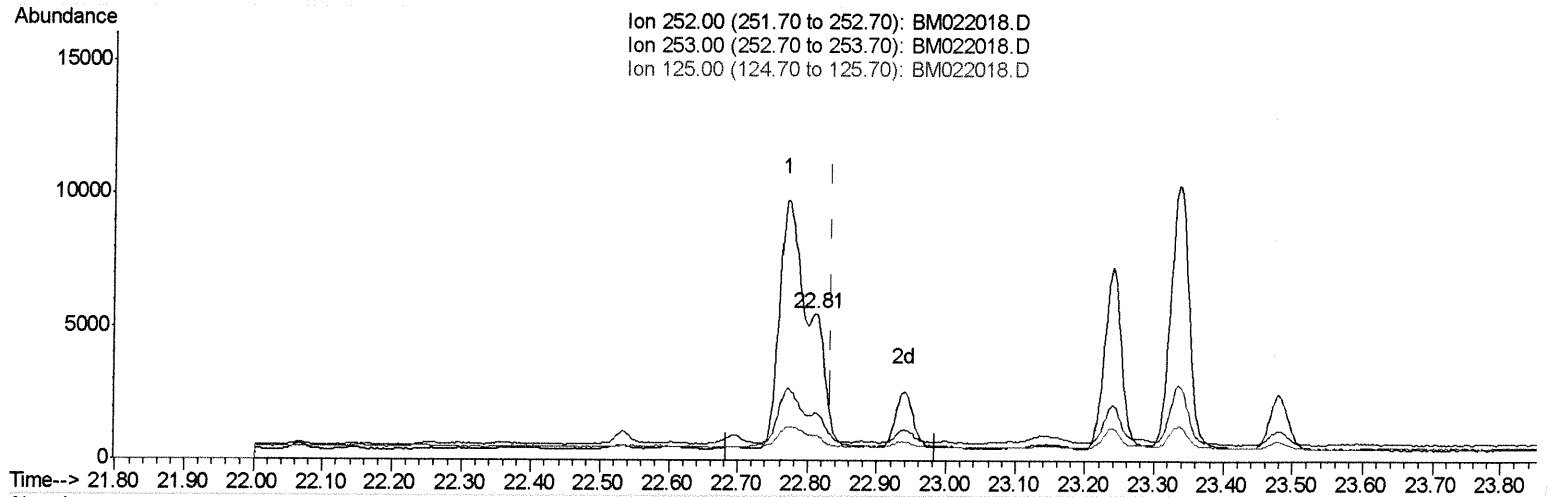
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\  
 Data File : BM022018.D  
 Acq On : 11 Aug 2019 05:22  
 Operator : HP/JU  
 Sample : K4028-05DL 10X  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

Sohil  
 8/13/2019 8:34:27 AM

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 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.810min (-0.025) 0.27ng/ul m *JU 08/12/19*

response 7934

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 32.50 |
| 125.00 | 15.20 | 17.14 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\  
 Data File : BM022018.D  
 Acq On : 11 Aug 2019 05:22  
 Operator : HP/JU  
 Sample : K4028-05DL 10X  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
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 ClientSampleID :  
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Manual Integrations  
 APPROVED

Sohil  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 1135     | 0.40 | ng/ul | -0.02    |
| 2) Naphthalene-d8         | 10.40 | 136  | 4827     | 0.40 | ng/ul | -0.02    |
| 6) Acenaphthene-d10       | 14.27 | 164  | 2702     | 0.40 | ng/ul | -0.01    |
| 10) Phenanthrene-d10      | 17.03 | 188  | 6013     | 0.40 | ng/ul | -0.02    |
| 16) Chrysene-d12          | 21.22 | 240  | 5965     | 0.40 | ng/ul | -0.02    |
| 20) Perylene-d12          | 23.43 | 264  | 7621     | 0.40 | ng/ul | -0.02    |

## System Monitoring Compounds

|                            |       |     |     |      |       |       |
|----------------------------|-------|-----|-----|------|-------|-------|
| 4) 2-Methylnaphthalene-d10 | 12.01 | 152 | 177 | 0.02 | ng/ul | 0.00  |
| 14) Fluoranthene-d10       | 19.06 | 212 | 506 | 0.02 | ng/ul | -0.02 |

## Target Compounds

|                            |       |     |        |       |        | Ovalue |
|----------------------------|-------|-----|--------|-------|--------|--------|
| 3) Naphthalene             | 10.45 | 128 | 333    | 0.024 | ng/ul# | 55     |
| 5) 2-Methylnaphthalene     | 12.09 | 142 | 207    | 0.023 | ng/ul  | 91     |
| 7) Acenaphthylene          | 13.99 | 152 | 1057   | 0.084 | ng/ul# | 82     |
| 8) Acenaphthene            | 14.33 | 153 | 533    | 0.052 | ng/ul  | 93     |
| 9) Fluorene                | 15.33 | 166 | 649    | 0.057 | ng/ul# | 94     |
| 12) Phenanthrene           | 17.07 | 178 | 14587  | 0.834 | ng/ul  | 96     |
| 13) Anthracene             | 17.16 | 178 | 3822   | 0.256 | ng/ul  | 99     |
| 15) Fluoranthene           | 19.09 | 202 | 29023  | 1.238 | ng/ul  | 97     |
| 17) Pyrene                 | 19.45 | 202 | 35718  | 1.457 | ng/ul  | 99     |
| 18) Benzo(a)anthracene     | 21.21 | 228 | 21253  | 0.996 | ng/ul  | 98     |
| 19) Chrysene               | 21.26 | 228 | 21711  | 0.791 | ng/ul  | 97     |
| 21) Benzo(b)fluoranthene   | 22.77 | 252 | 21271m | 0.828 | ng/ul  | 97     |
| 22) Benzo(k)fluoranthene   | 22.81 | 252 | 7934m  | 0.273 | ng/ul  | 97     |
| 23) Benzo(a)pyrene         | 23.33 | 252 | 17878  | 0.684 | ng/ul# | 83     |
| 24) Indeno(1,2,3-cd)pyrene | 25.64 | 276 | 10073  | 0.323 | ng/ul# | 94     |
| 25) Dibenzo(a,h)anthracene | 25.64 | 278 | 3013   | 0.119 | ng/ul# | 68     |
| 26) Benzo(a,h,i)perylene   | 26.32 | 276 | 10547  | 0.375 | ng/ul  | 97     |

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