

# Quantitation Report (QT Reviewed)

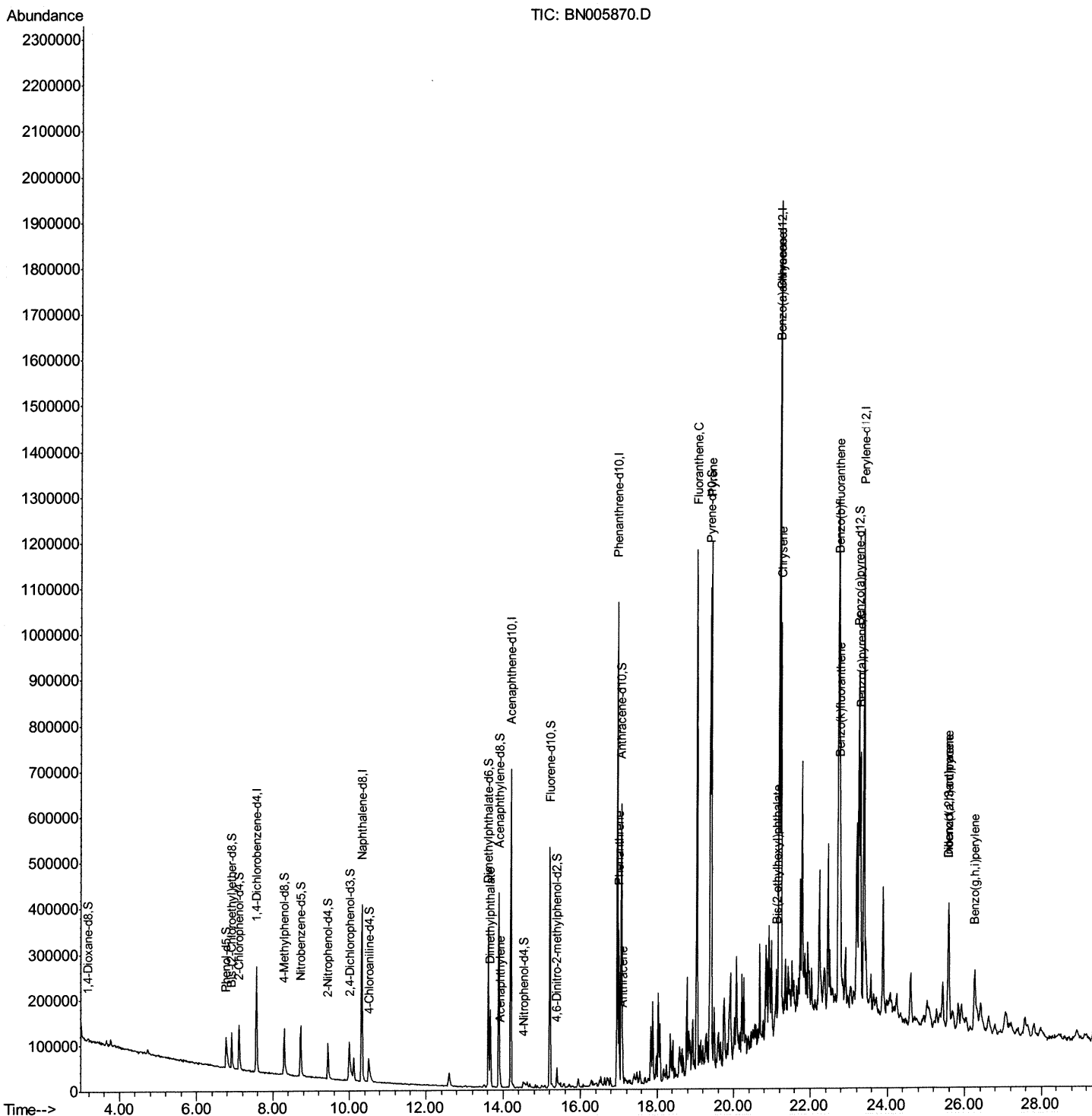
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN052219\  
 Data File : BN005870.D  
 Acq On : 23 May 2019 02:58  
 Operator : JU/SJ  
 Sample : K2927-15  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A42B2

Manual Integrations  
 APPROVED

mohammad  
 5/23/2019 3:31:20 PM

Quant Time: May 23 07:00:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN051819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 22 04:04:33 2019  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\  
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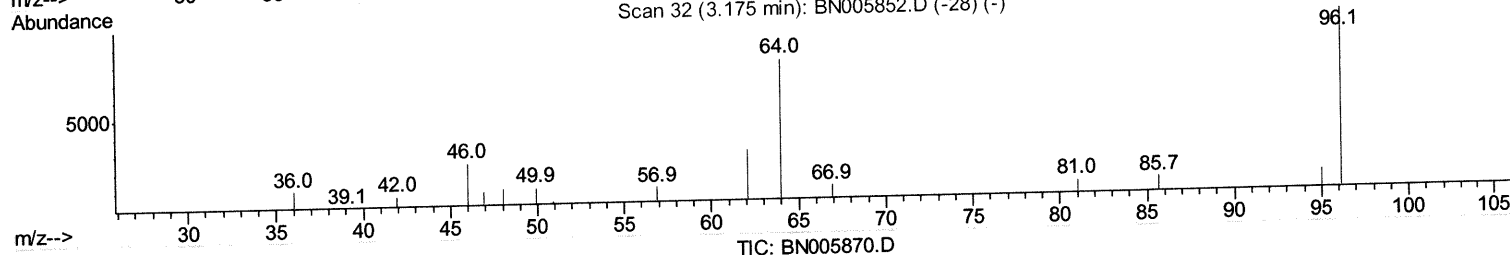
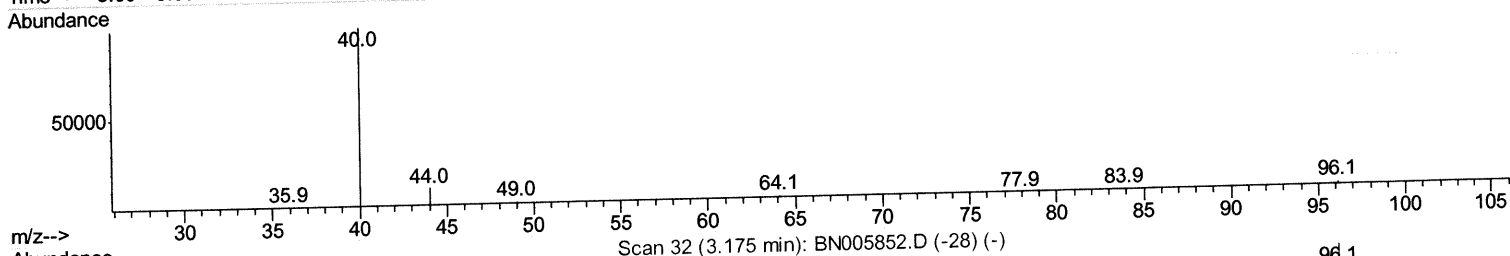
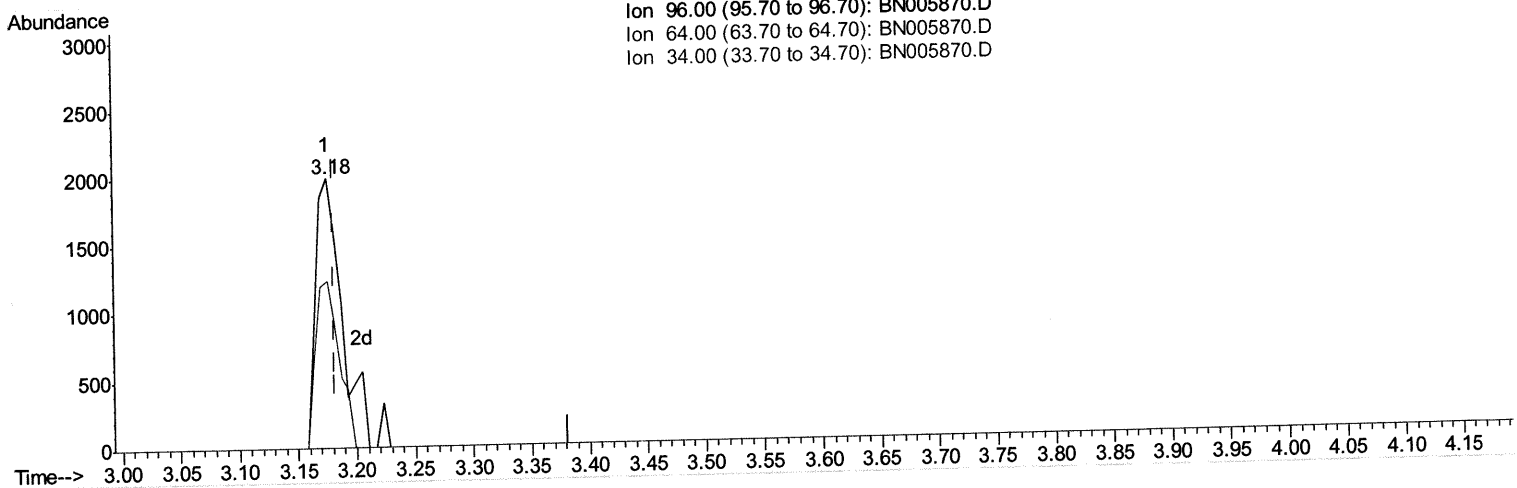
Instrument :  
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Quant Time: May 23 05:09:06 2019  
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mohammad  
 5/23/2019 3:31:20 PM

Ion 96.00 (95.70 to 96.70): BN005870.D  
 Ion 64.00 (63.70 to 64.70): BN005870.D  
 Ion 34.00 (33.70 to 34.70): BN005870.D



(3) 1,4-Dioxane-d8 (S)

3.176min (-0.006) 2.02ng/uL

response 2717

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 77.40 | 62.06 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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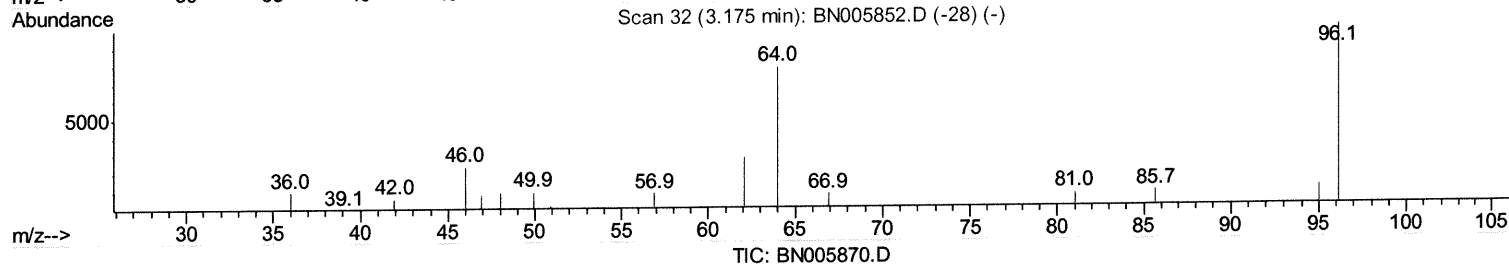
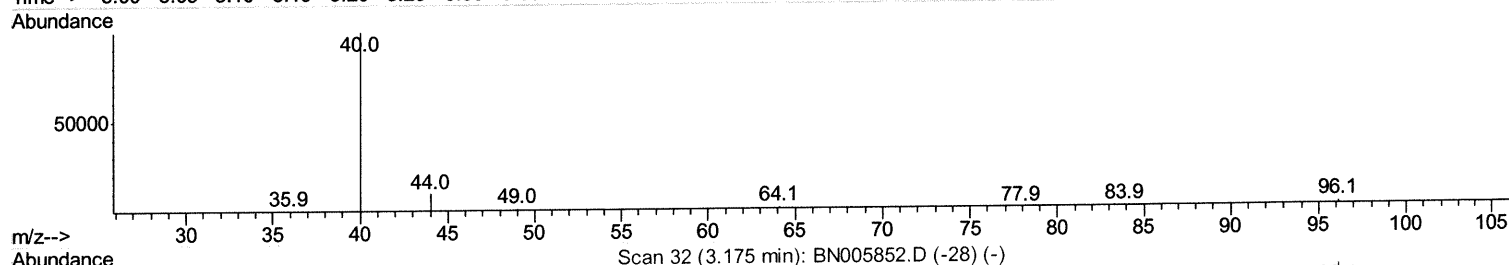
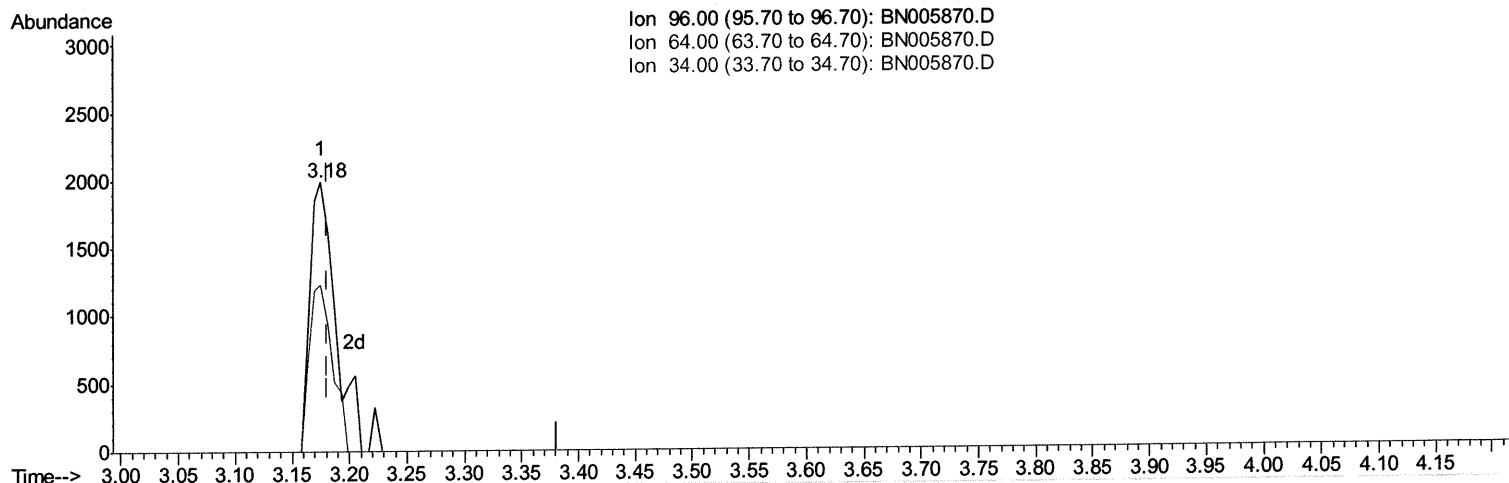
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 5/23/2019 3:31:20 PM



(3) 1,4-Dioxane-d8 (S)

3.176min (-0.006) 2.29ng/uL m *JU* 06/04/19

response 3083

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.00 | 100   | 100   |
| 64.00 | 77.40 | 62.06 |
| 34.00 | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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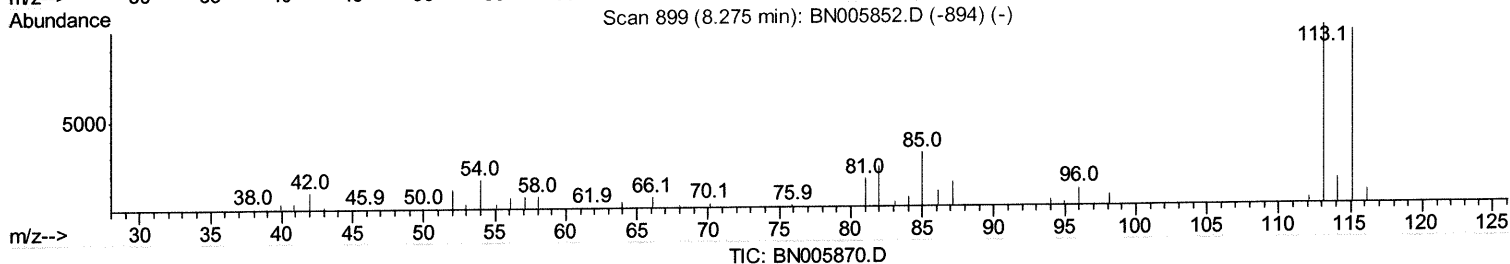
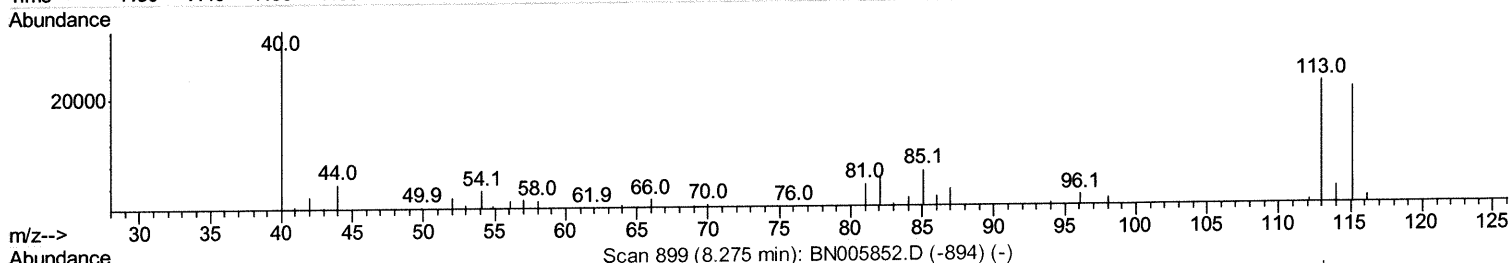
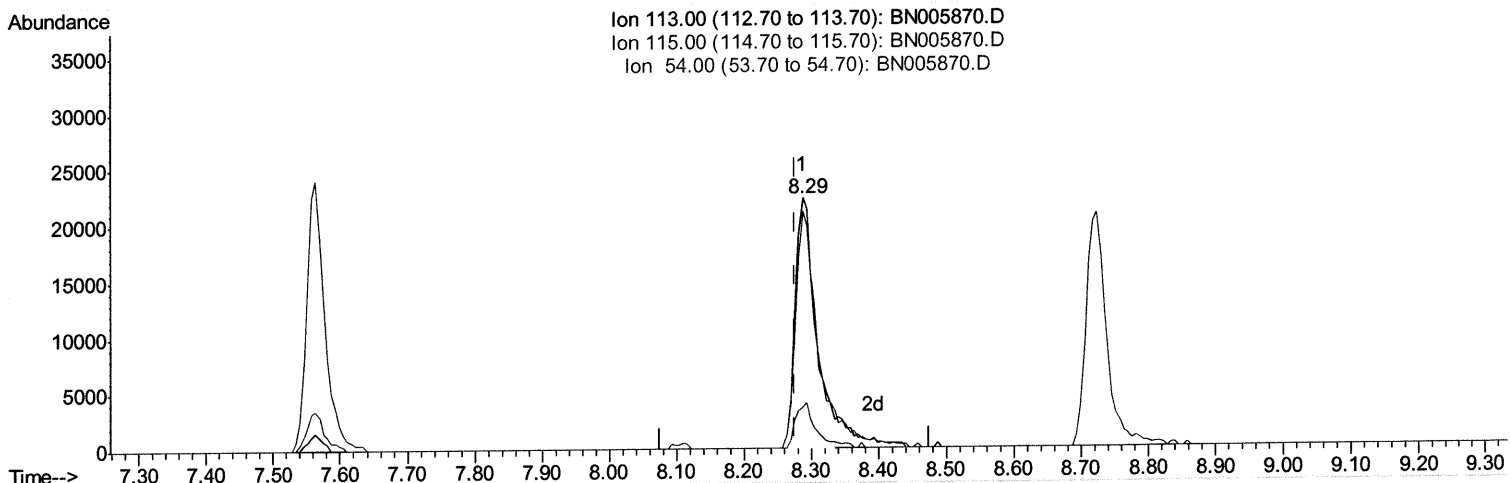
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(13) 4-Methylphenol-d8 (S)

8.287min (+0.012) 9.36ng/ul

response 46652

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 113.00 | 100   | 100   |
| 115.00 | 94.30 | 94.68 |
| 54.00  | 14.80 | 16.13 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

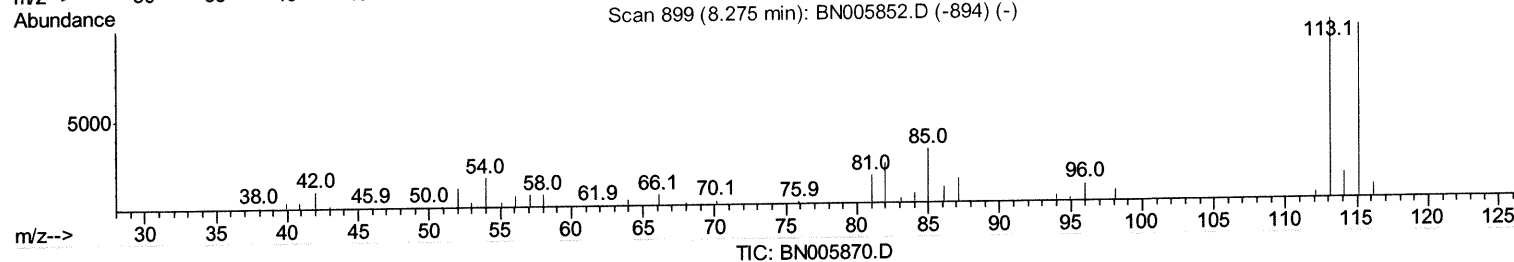
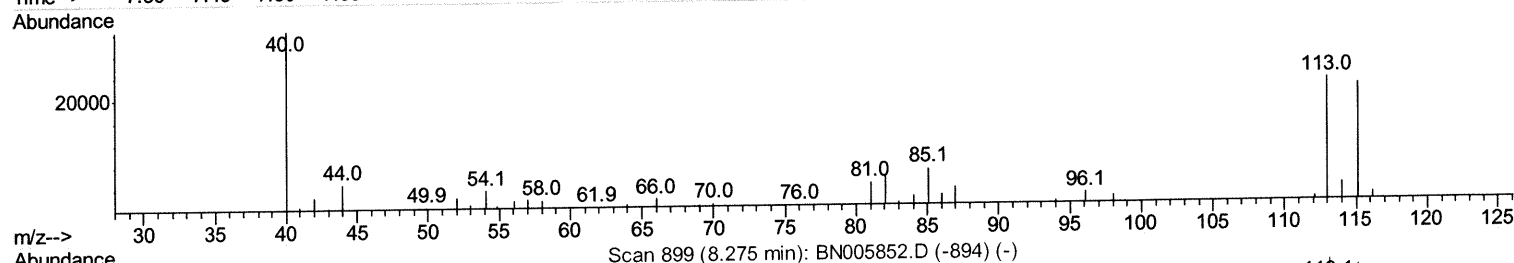
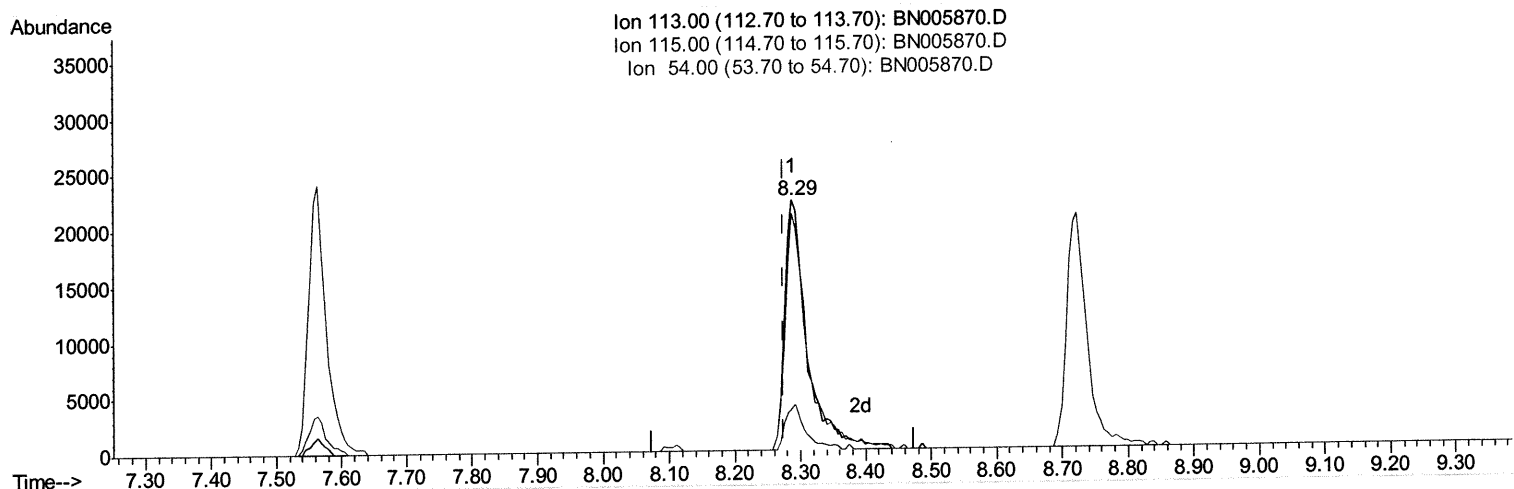
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN052219\  
 Data File : BN005870.D  
 Acq On : 23 May 2019 02:58  
 Operator : JU/SJ  
 Sample : K2927-15  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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(13) 4-Methylphenol-d8 (S)

8.287min (+0.012) 10.30ng/ul m *JU* 06/04/19

response 51339

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 113.00 | 100   | 100   |
| 115.00 | 94.30 | 94.68 |
| 54.00  | 14.80 | 16.13 |
| 0.00   | 0.00  | 0.00  |

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 Data File : BN005870.D  
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 Operator : JU/SJ  
 Sample : K2927-15  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

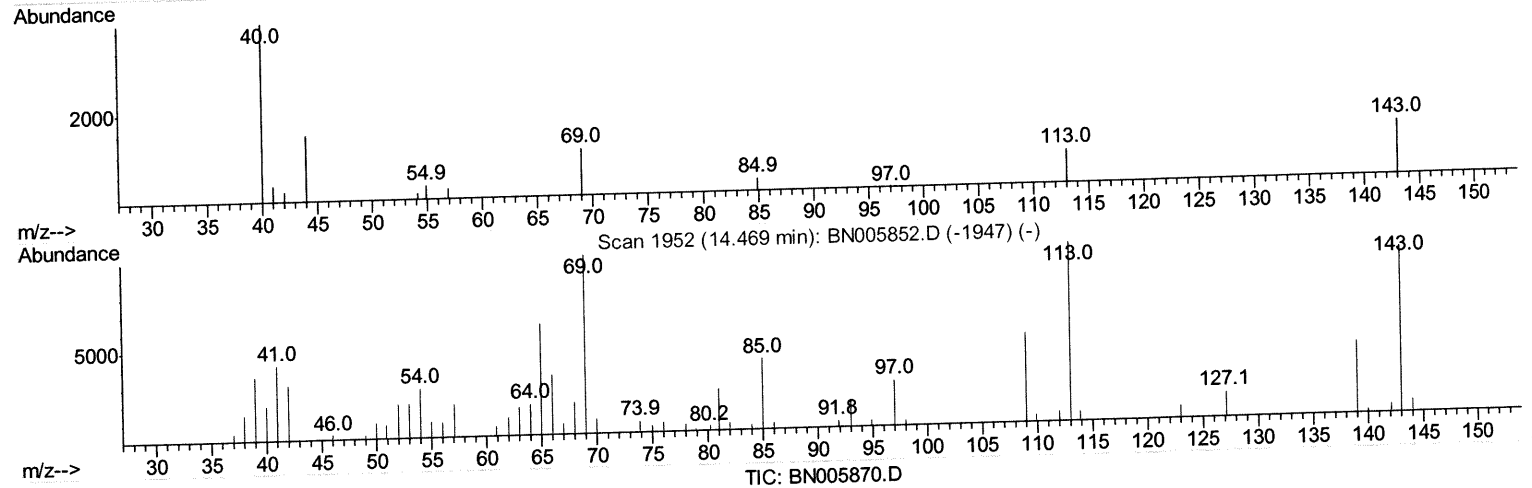
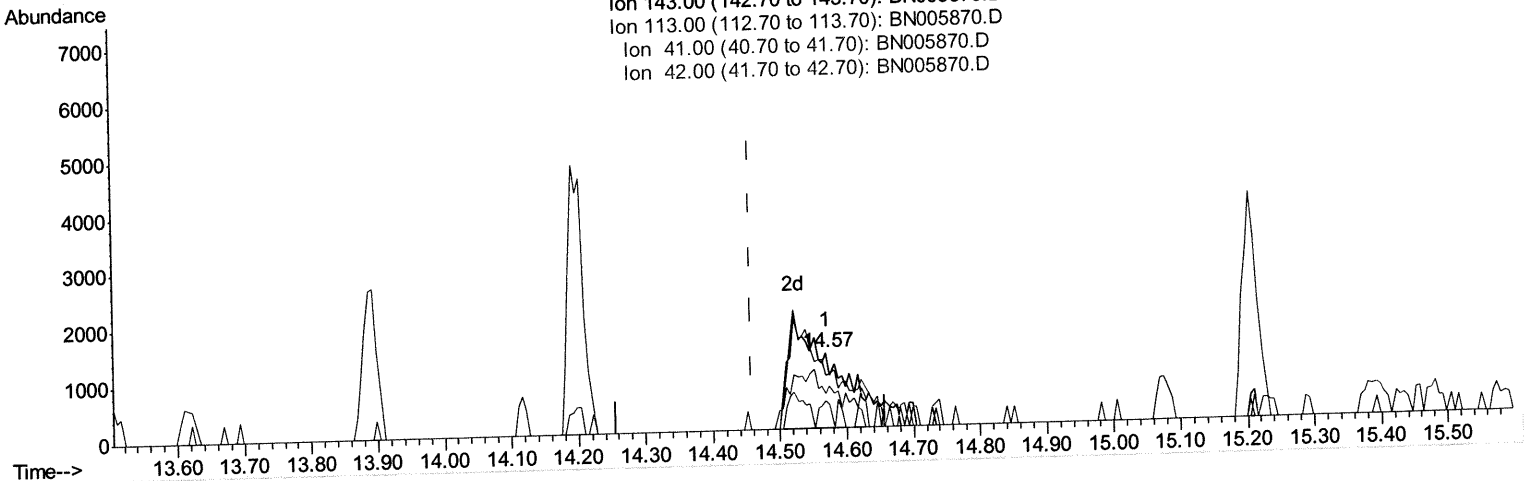
Instrument :  
 BNA\_N  
 ClientSampleId :  
 A42B2

Manual Integrations  
 APPROVED

mohammad  
 5/23/2019 3:31:20 PM

Quant Time: May 23 05:09:06 2019  
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Ion 143.00 (142.70 to 143.70): BN005870.D  
 Ion 113.00 (112.70 to 113.70): BN005870.D  
 Ion 41.00 (40.70 to 41.70): BN005870.D  
 Ion 42.00 (41.70 to 42.70): BN005870.D



(51) 4-Nitrophenol-d4 (S)

14.569min (+0.112) 0.22ng/ul

response 553

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 82.50 | 70.85 |
| 41.00  | 47.90 | 45.29 |
| 42.00  | 31.70 | 36.02 |

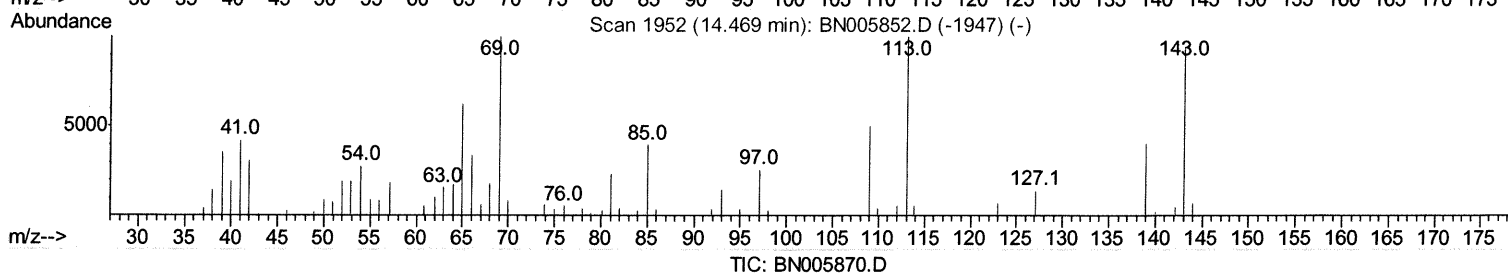
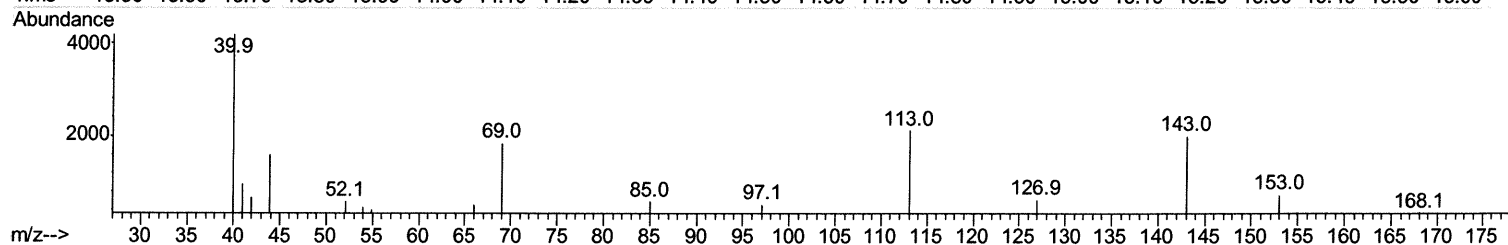
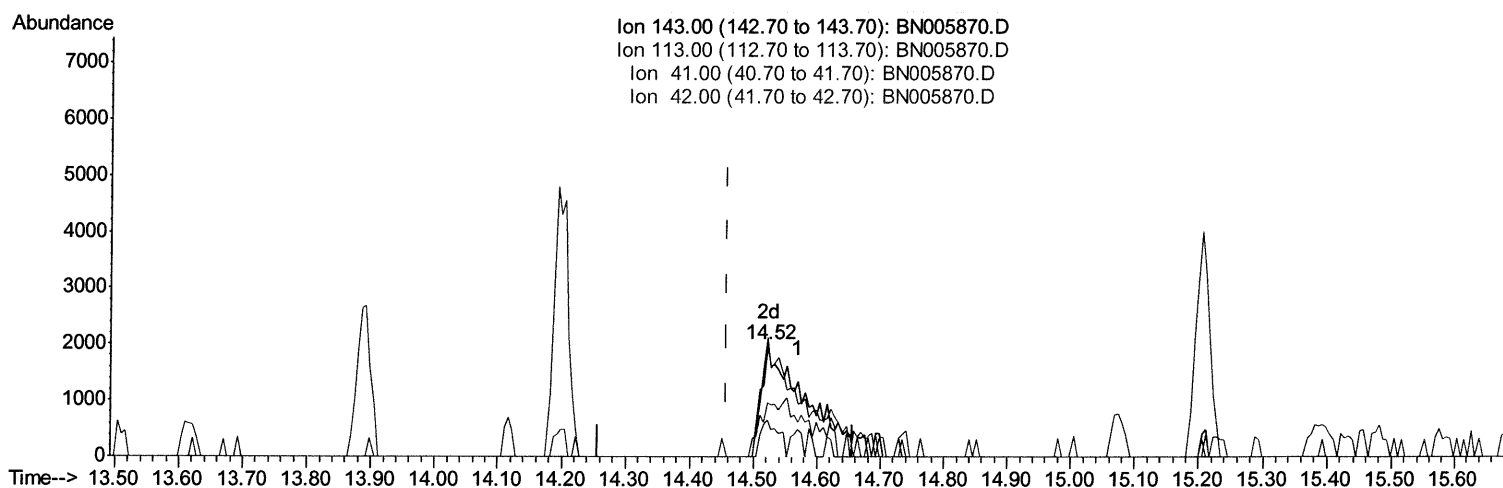
```
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\  
Data File : BN005870.D  
Acq On    : 23 May 2019   02:58  
Operator  : JU/SJ  
Sample    : K2927-15  
Misc      :  
ALS Vial  : 19      Sample Multiplier: 1
```

**Instrument :**  
BNA\_N  
**ClientSampleId :**  
A42B2

**Manual Integrations**  
**APPROVED**

mohammad  
5/23/2019 3:31:20 PM

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Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.522min (+0.065) 3.93ng/ul m<sup>30</sup><sub>06/09/19</sub>

response 9849

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 143.00 | 100   | 100     |
| 113.00 | 82.50 | 106.49# |
| 41.00  | 47.90 | 47.91   |
| 42.00  | 31.70 | 32.53   |

# Quantitation Report (Qedit)

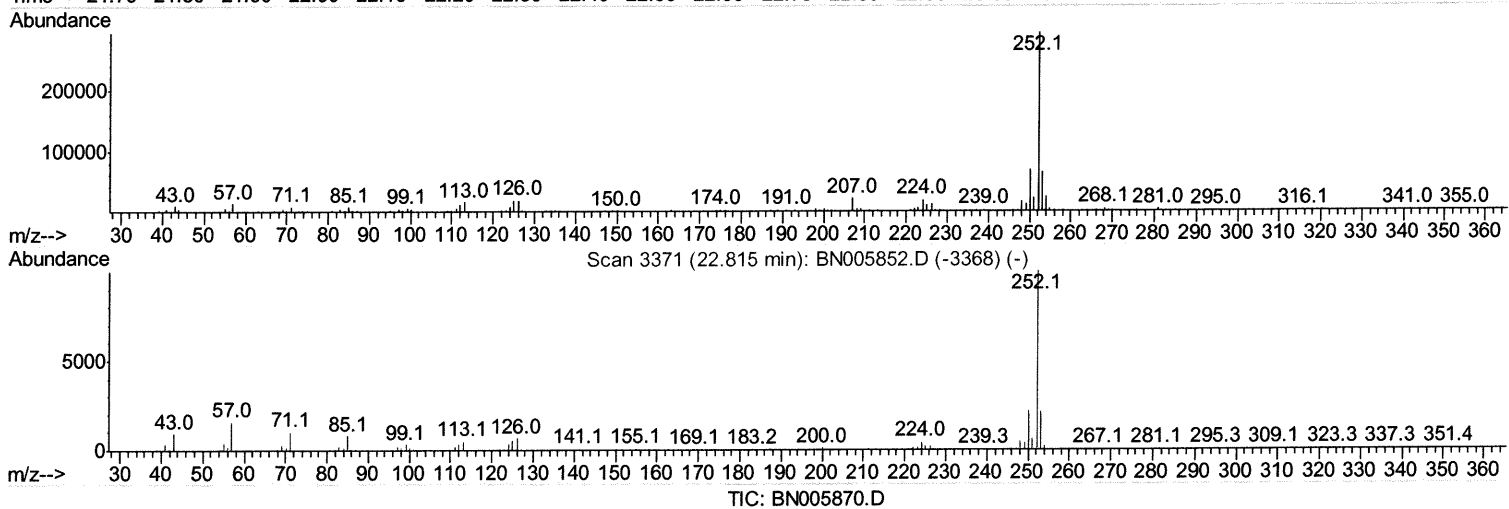
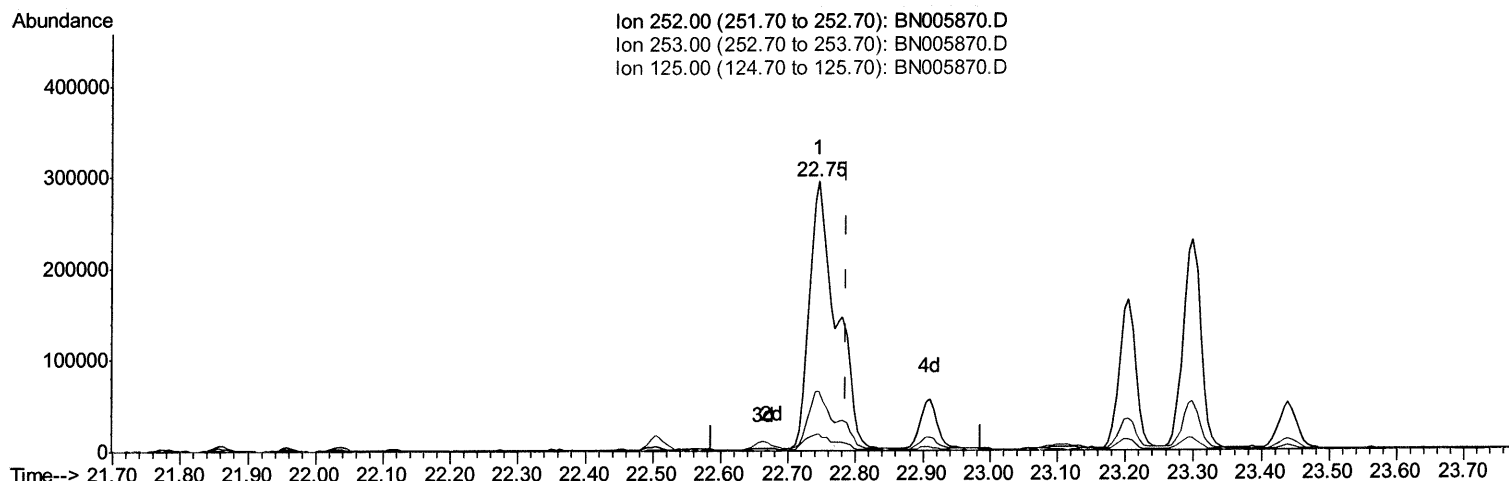
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 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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mohammad  
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(88) Benzo(k)fluoranthene

22.745min (-0.041) 14.57ng/ul

response 608422

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.70 | 22.09 |
| 125.00 | 9.40  | 6.18# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

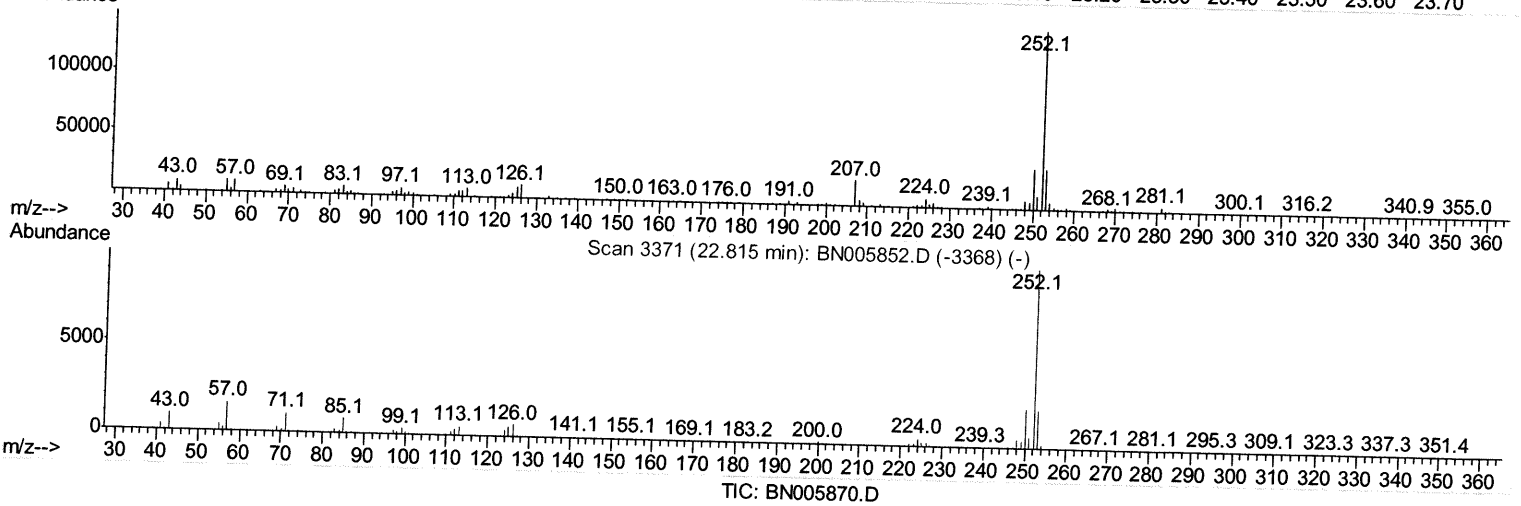
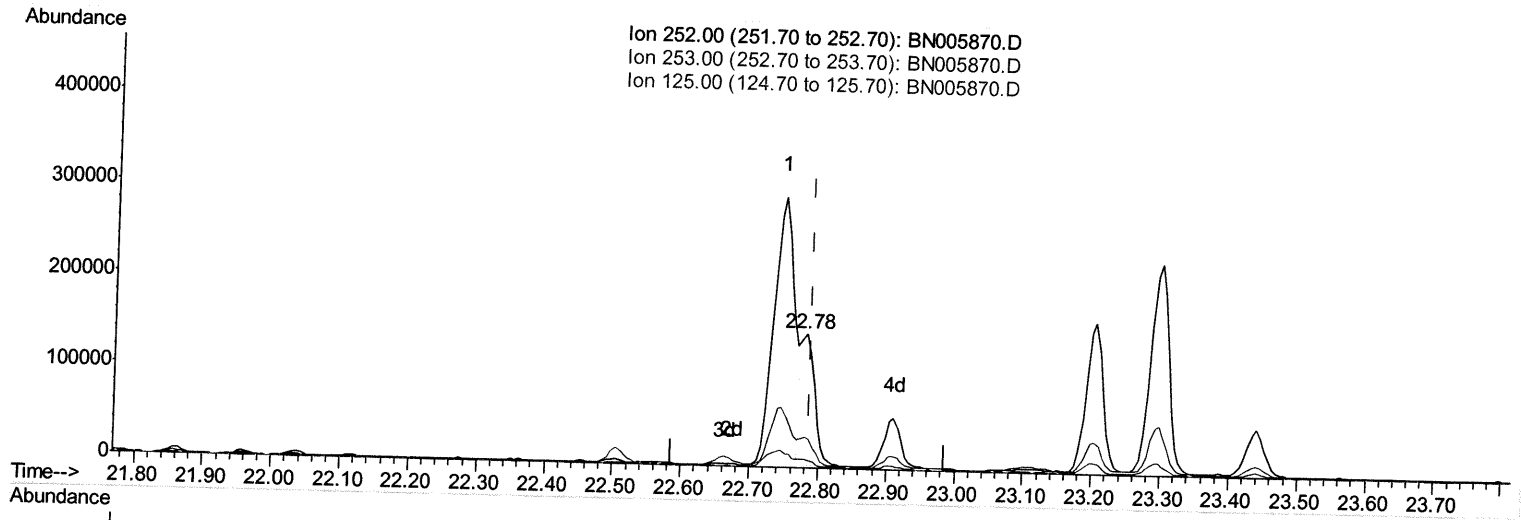
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 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
 APPROVED

mohammad  
 5/23/2019 3:31:20 PM



(88) Benzo(k)fluoranthene

22.780min (-0.006) 4.77ng/ul m

*JU*  
*06/04/19*

response 199078

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.70 | 22.50 |
| 125.00 | 9.40  | 6.20# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

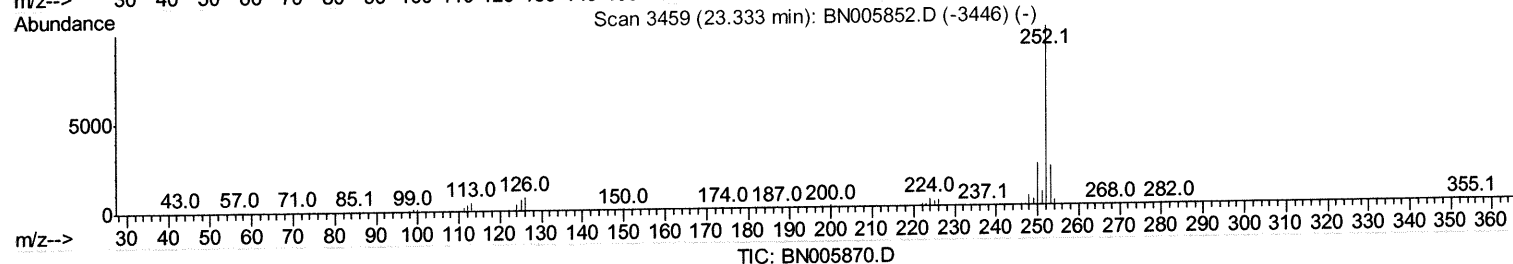
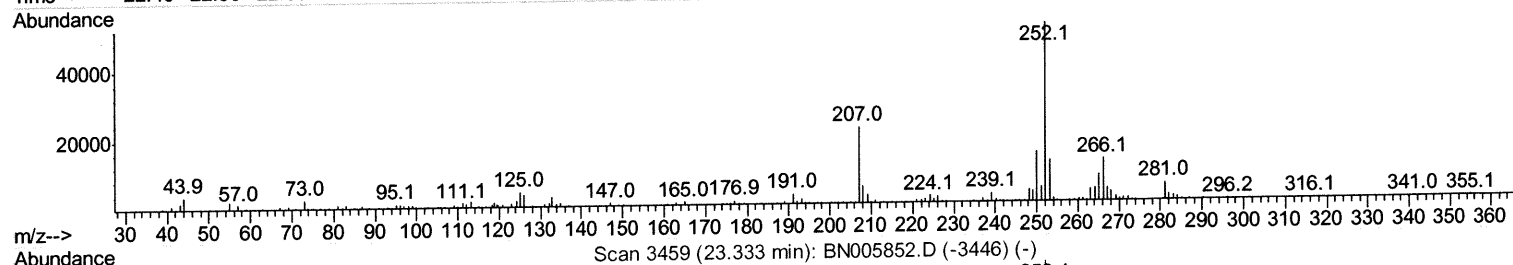
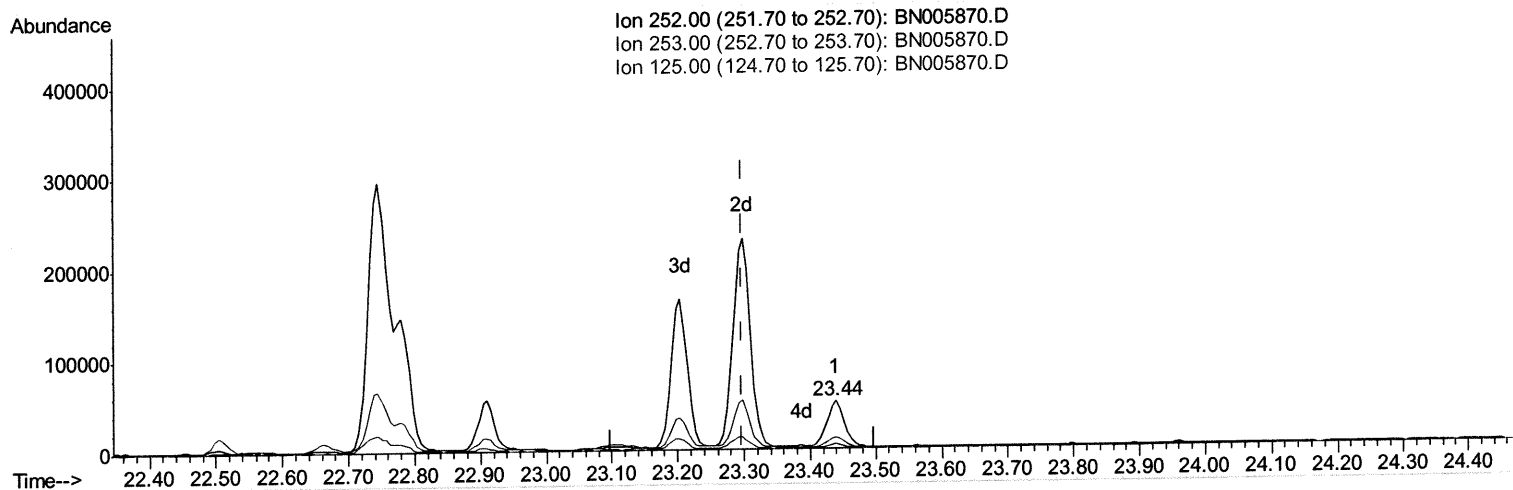
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(90) Benzo(a)pyrene (C)

23.439min (+0.141) 2.05ng/ul

response 85853

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.60 | 23.46 |
| 125.00 | 10.80 | 9.11  |
| 0.00   | 0.00  | 0.00  |

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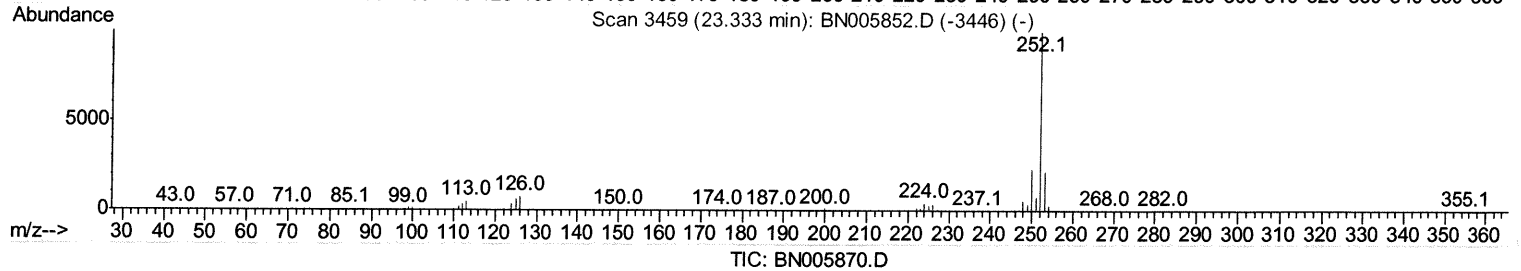
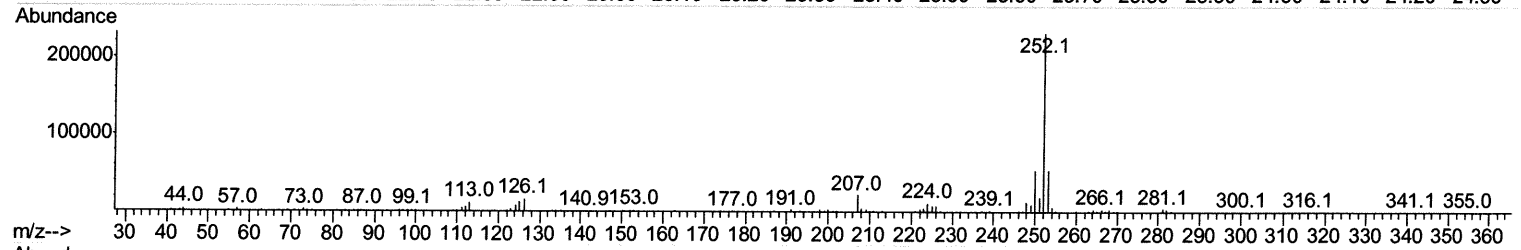
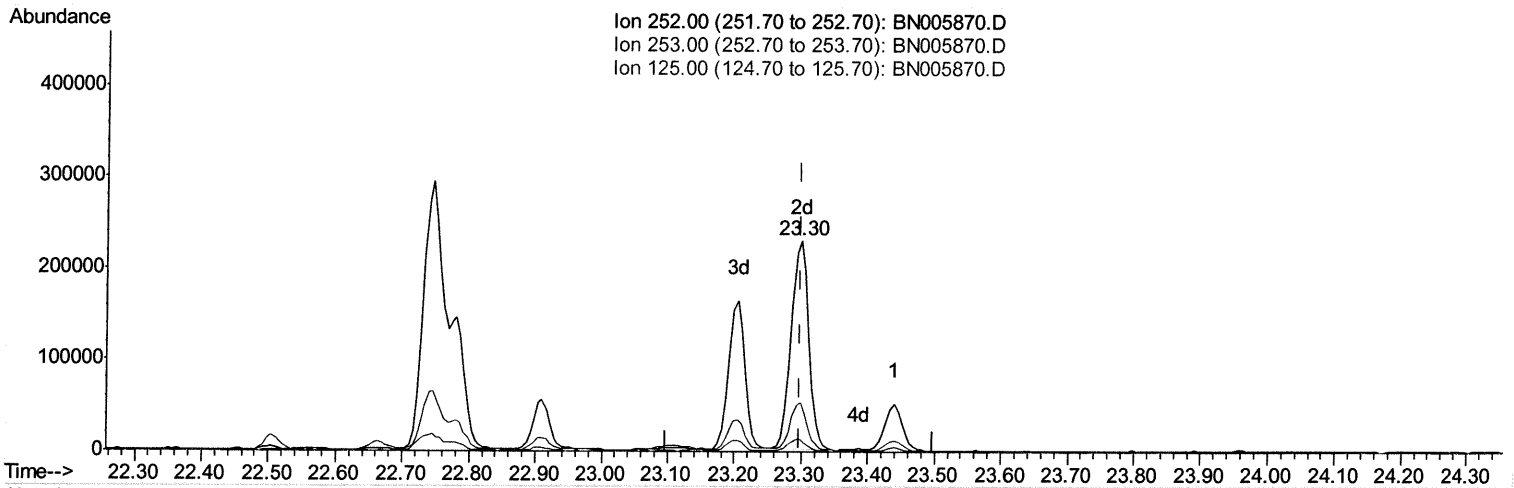
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(90) Benzo(a)pyrene (C)

23.298min (-0.000) 9.98ng/ul m *JU 06/04/19*

response 417008

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.60 | 23.27 |
| 125.00 | 10.80 | 5.95# |
| 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  | 75385    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 328016   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.20 | 164  | 231248   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.96 | 188  | 603730   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.19 | 240  | 710351   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.39 | 264  | 784675   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.18  | 96  | 3083m  | 2.29  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.77  | 99  | 61230  | 10.51 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67  | 40458  | 13.31 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.11  | 132 | 56198  | 12.00 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 51339m | 10.30 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 29628  | 12.44 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 28512  | 10.37 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 61050  | 11.63 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 53523  | 9.18  | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.62 | 166 | 250661 | 14.09 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.89 | 160 | 303055 | 14.02 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.52 | 143 | 9849m  | 3.93  | ng/ul | 0.06 |
| 57) Fluorene-d10               | 15.20 | 176 | 236092 | 15.45 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 12392  | 3.41  | ng/ul | 0.02 |
| 70) Anthracene-d10             | 17.06 | 188 | 379124 | 14.54 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.37 | 212 | 458611 | 13.10 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.25 | 264 | 492353 | 13.99 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        |        | Ovalue |
|--------------------------------|-------|-----|---------|--------|--------|--------|
| 44) Dimethylphthalate          | 13.67 | 163 | 123766  | 7.055  | ng/ul  | 98     |
| 47) Acenaphthylene             | 13.92 | 152 | 22151   | 1.064  | ng/ul  | 98     |
| 69) Phenanthrene               | 17.00 | 178 | 200922  | 6.714  | ng/ul  | 99     |
| 71) Anthracene                 | 17.10 | 178 | 46352   | 1.521  | ng/ul  | 97     |
| 76) Fluoranthene               | 19.03 | 202 | 700613  | 18.936 | ng/ul# | 88     |
| 79) Pyrene                     | 19.40 | 202 | 728353  | 16.697 | ng/ul# | 86     |
| 82) Benzo(a)anthracene         | 21.17 | 228 | 499842  | 11.169 | ng/ul  | 99     |
| 83) Bis(2-ethylhexyl)phthalate | 21.11 | 149 | 32778   | 1.293  | ng/ul# | 96     |
| 84) Chrysene                   | 21.23 | 228 | 495706  | 11.750 | ng/ul  | 97     |
| 87) Benzo(b)fluoranthene       | 22.75 | 252 | 608422  | 14.094 | ng/ul# | 96     |
| 88) Benzo(k)fluoranthene       | 22.78 | 252 | 199078m | 4.766  | ng/ul  |        |
| 90) Benzo(a)pyrene             | 23.30 | 252 | 417008m | 9.976  | ng/ul  |        |
| 91) Indeno(1,2,3-cd)pyrene     | 25.59 | 276 | 251595  | 4.923  | ng/ul# | 91     |
| 92) Dibenzo(a,h)anthracene     | 25.57 | 278 | 73186   | 1.701  | ng/ul# | 84     |
| 93) Benzo(a,h,i)perylene       | 26.25 | 276 | 161363  | 3.777  | ng/ul# | 88     |

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