

# Quantitation Report (QT Reviewed)

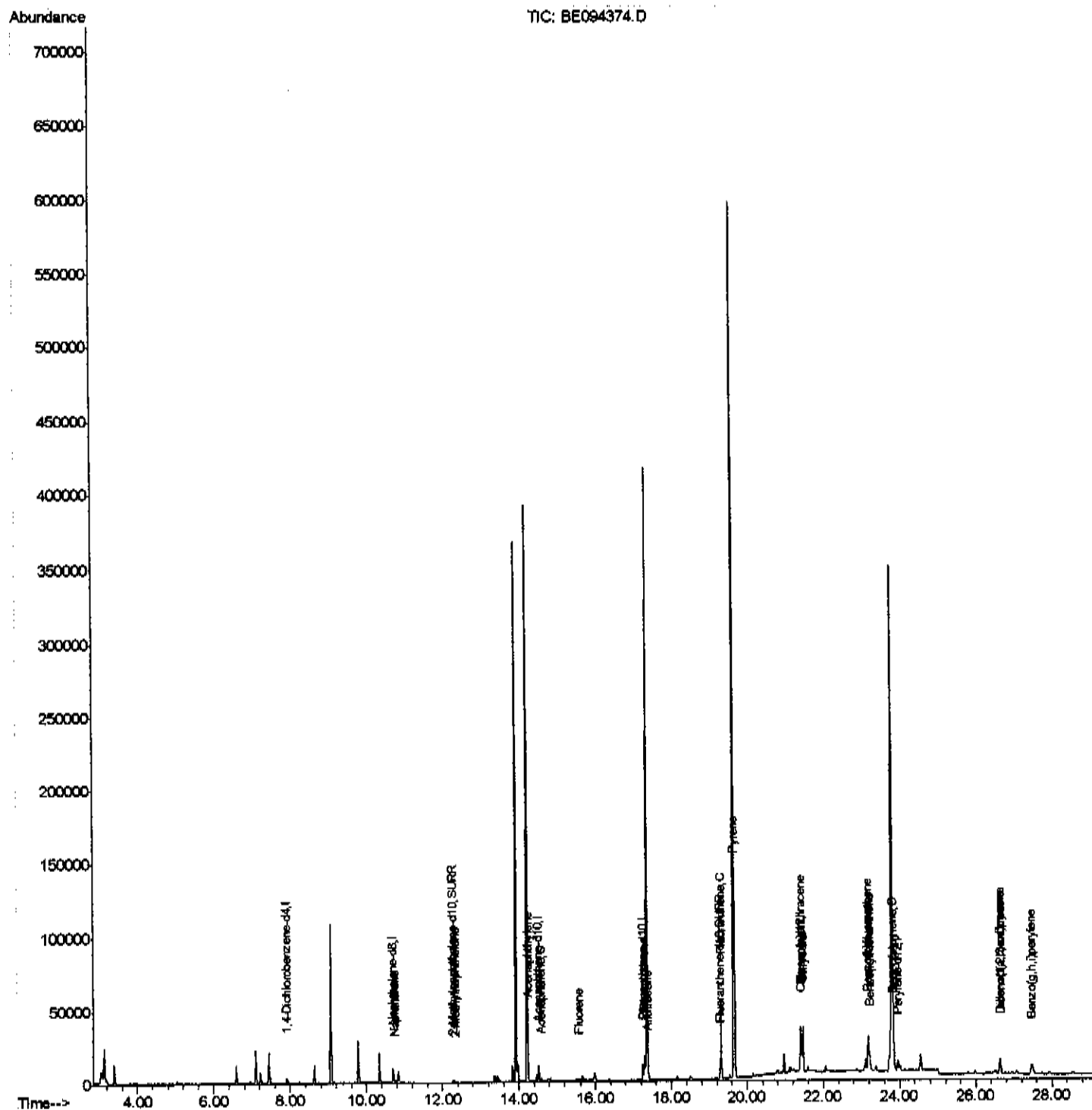
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\  
 Data File : BE094374.D  
 Acq On : 15 Oct 2017 2:44  
 Operator : SJ/JU  
 Sample : I5548-02  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 C0AB3

Manual Integrations  
 APPROVED

Sohil  
 10/16/2017 8:25:36 PM

Quant Time: Oct 16 05:40:26 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 16 05:09:03 2017  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

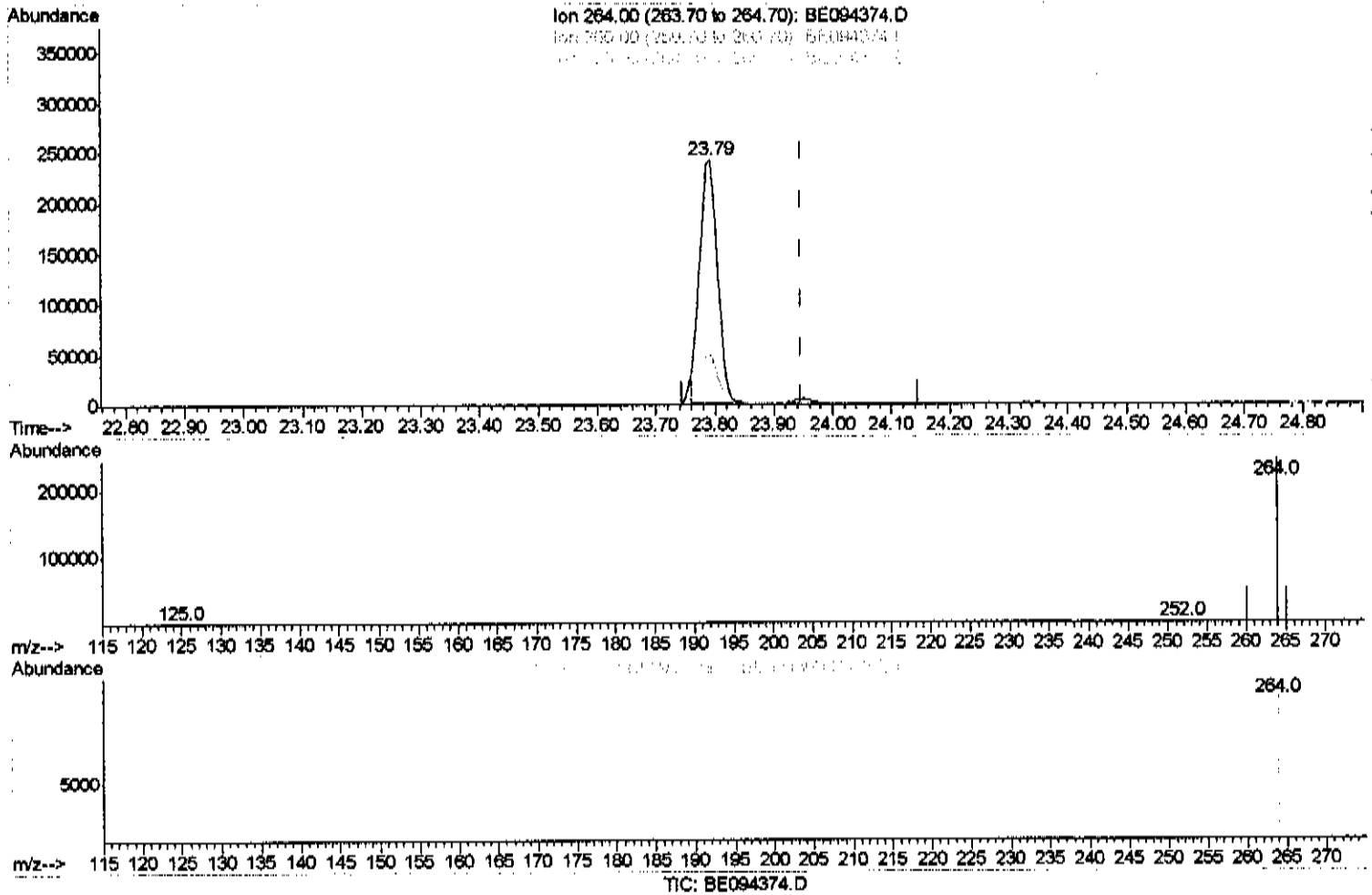
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(20) Perylene-d12 (I)

23.791min (-0.155) 0.40ng/ul

response 501404

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 20.93% |
| 265.00 | 103.50 | 21.60% |
| 0.00   | 0.00   | 0.00   |

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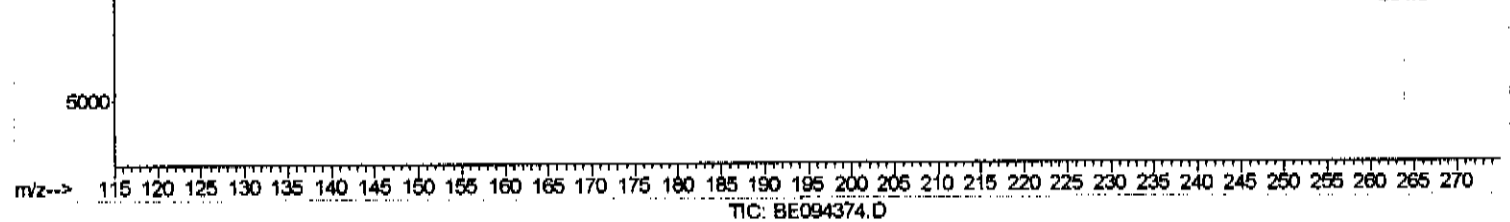
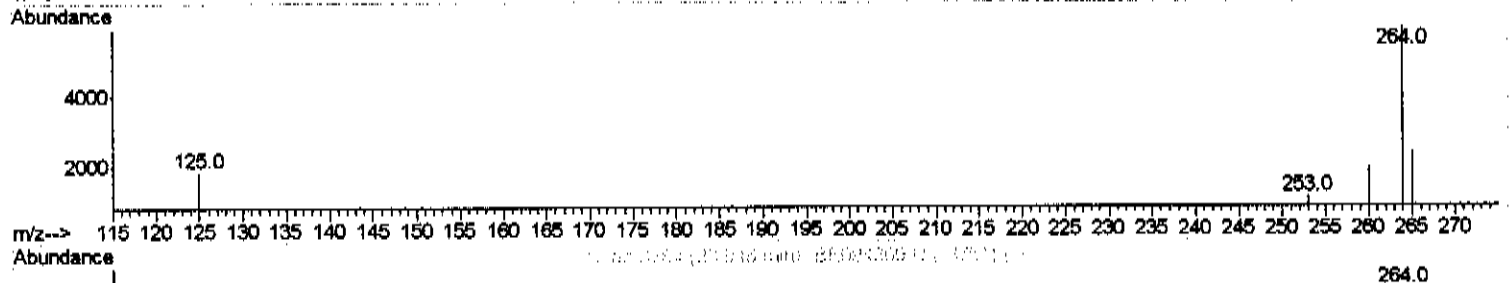
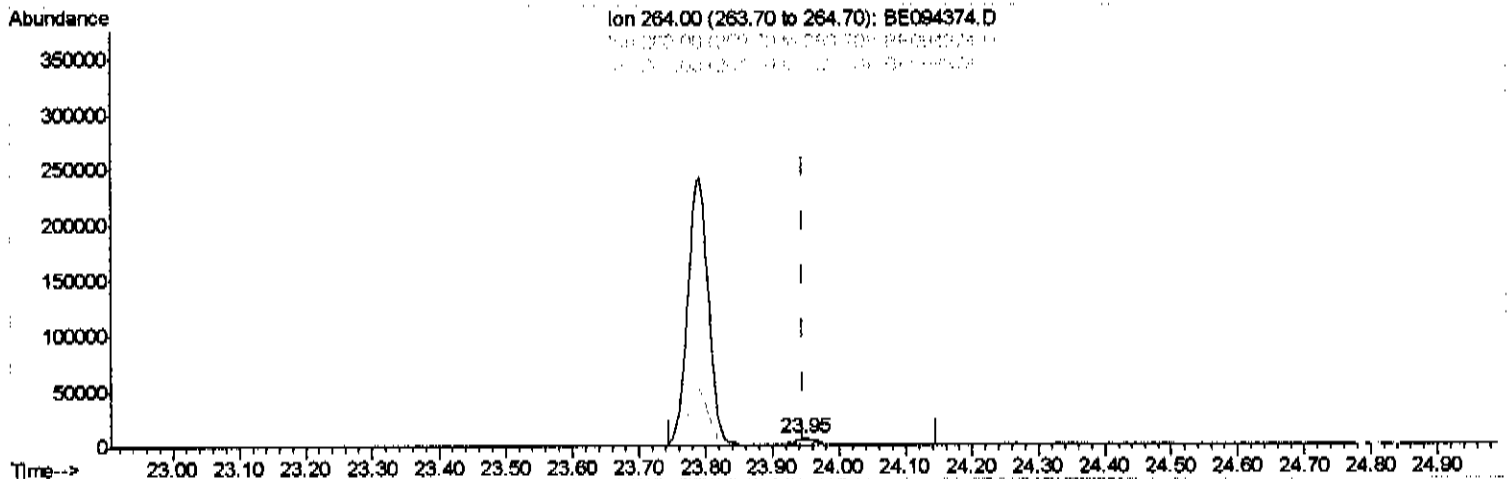
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(20) Perylene-d12 (I)

23.946min (-0.000) 0.40ng/ul m

response 13098

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 32.71  |
| 265.00 | 103.50 | 39.95# |
| 0.00   | 0.00   | 0.00   |

*SJ 10/16/17*

# Quantitation Report (Qedit)

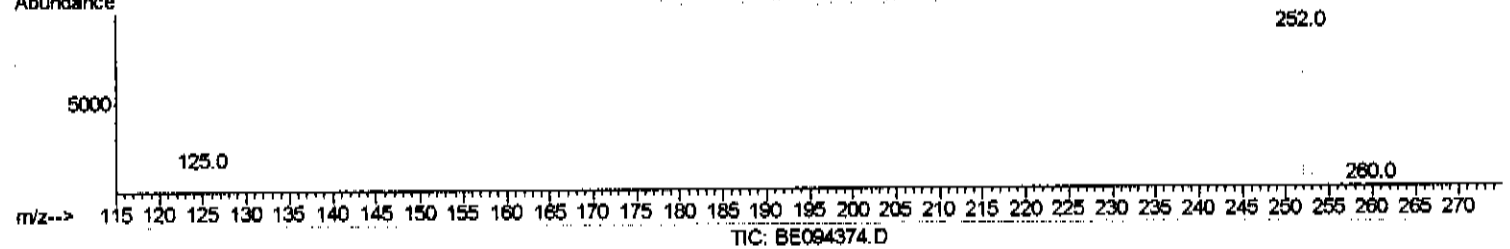
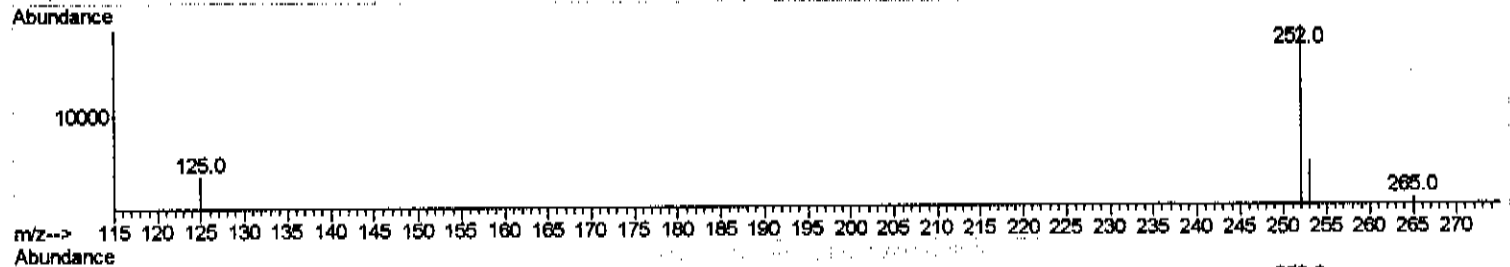
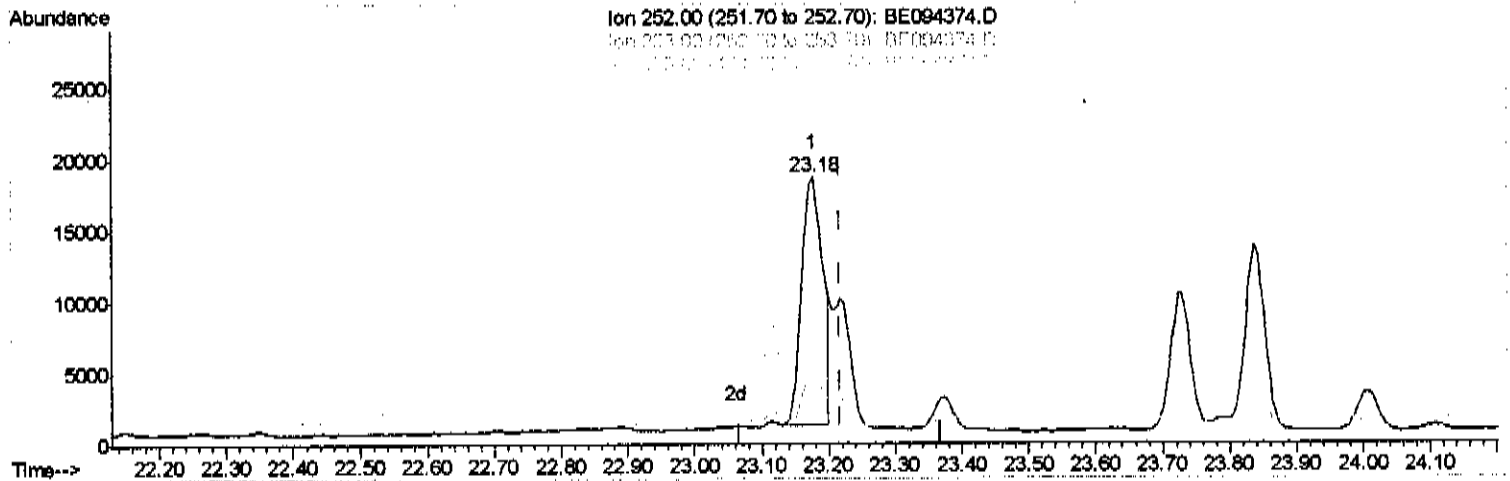
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(22) Benzo(k)fluoranthene  
 23.176min (-0.041) 0.95ng/ul  
 response 39049

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 30.60 | 26.47 |
| 125.00 | 17.10 | 20.21 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

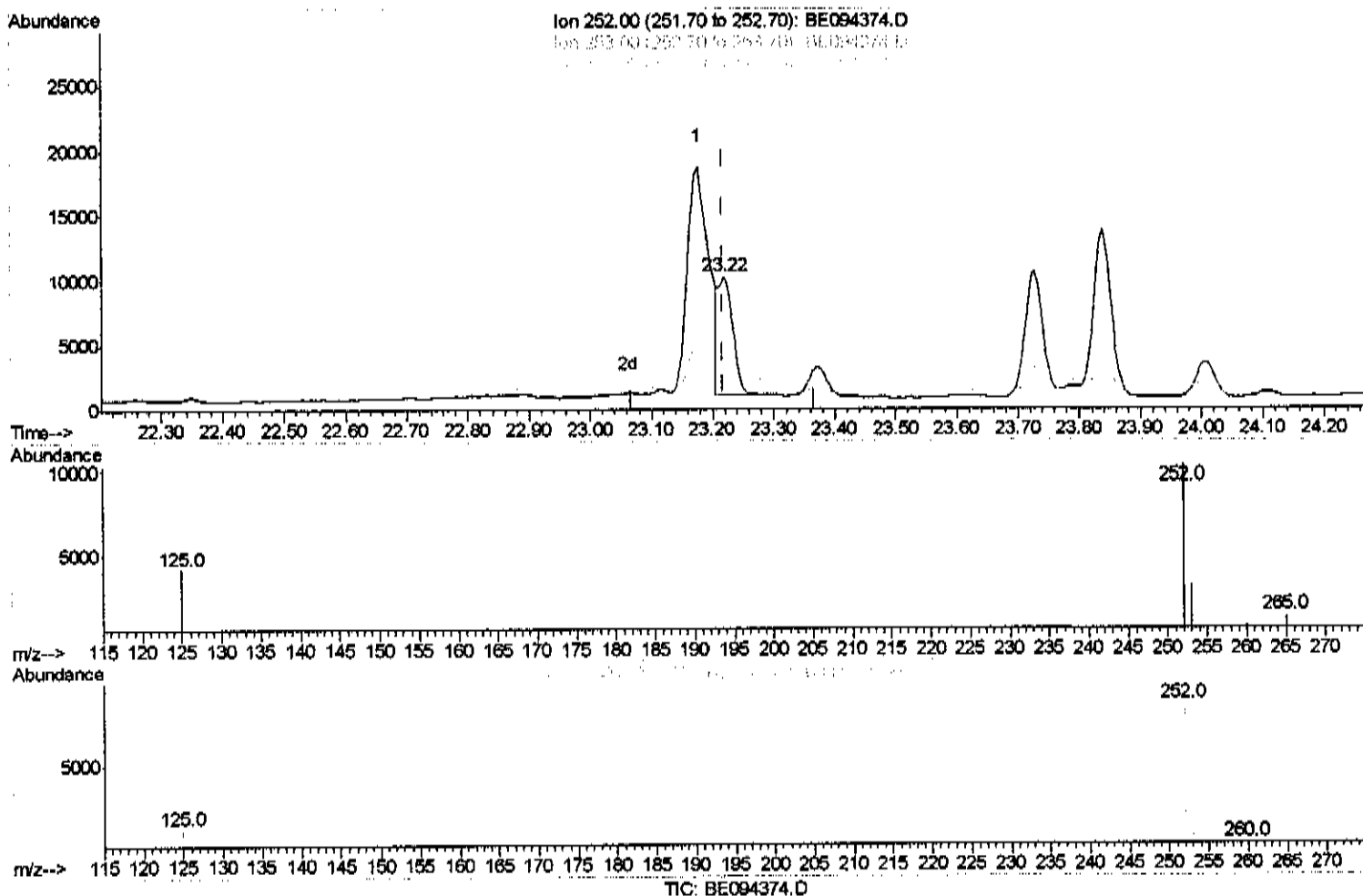
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\  
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 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 C0AB3

Manual Integrations  
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 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.217min (-0.000) 0.38ng/ul m

response 15783

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 30.87  |
| 125.00 | 17.10 | 40.30# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

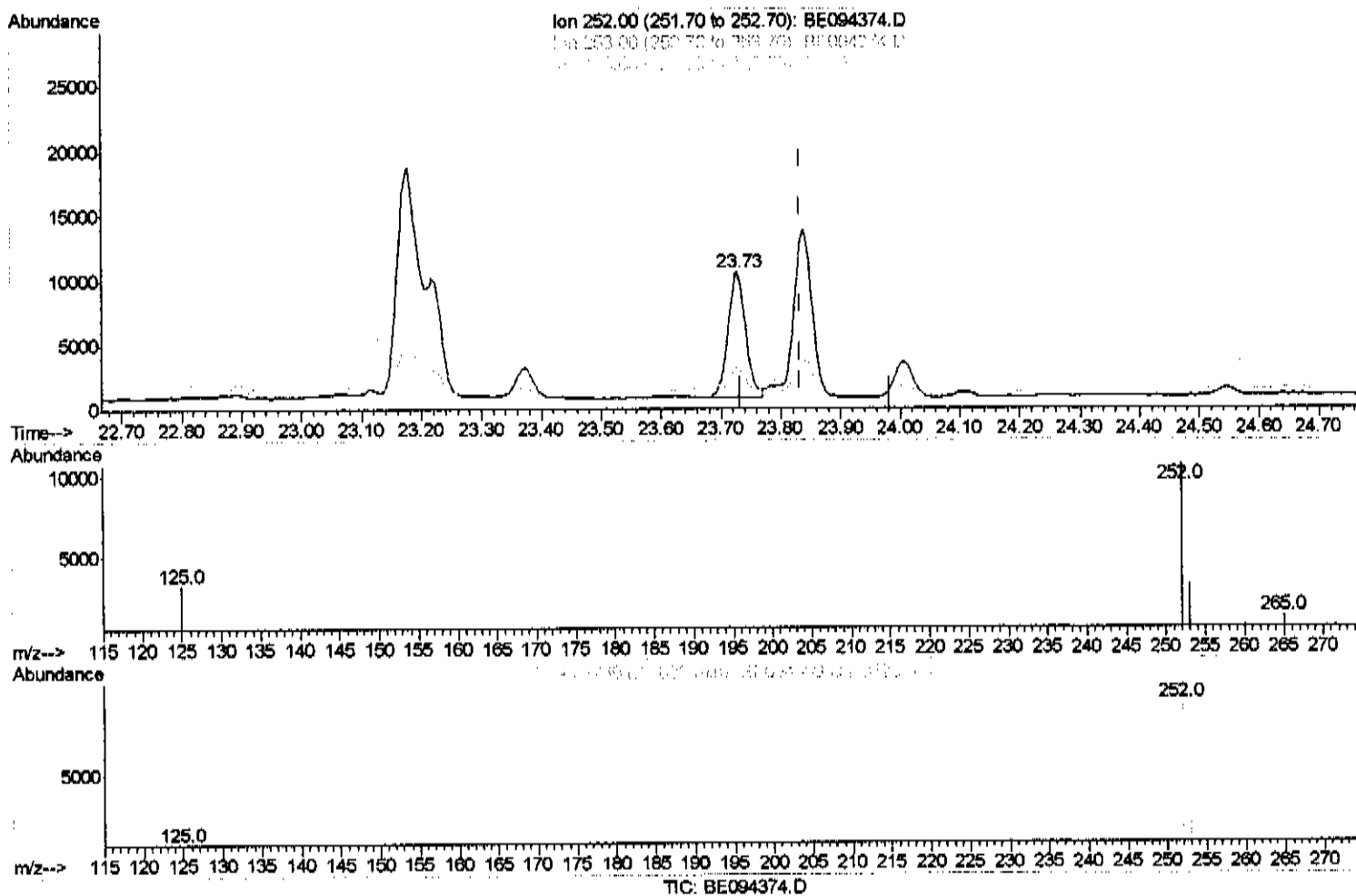
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\  
 Data File : BE094374.D  
 Acq On : 15 Oct 2017 2:44  
 Operator : SJ/JU  
 Sample : I5548-02  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 C0AB3

Manual Integrations  
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(23) Benzo(a)pyrene (C)

23.727min (-0.105) 0.55ng/ui

response 20324

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 30.49  |
| 125.00 | 22.60 | 30.20# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

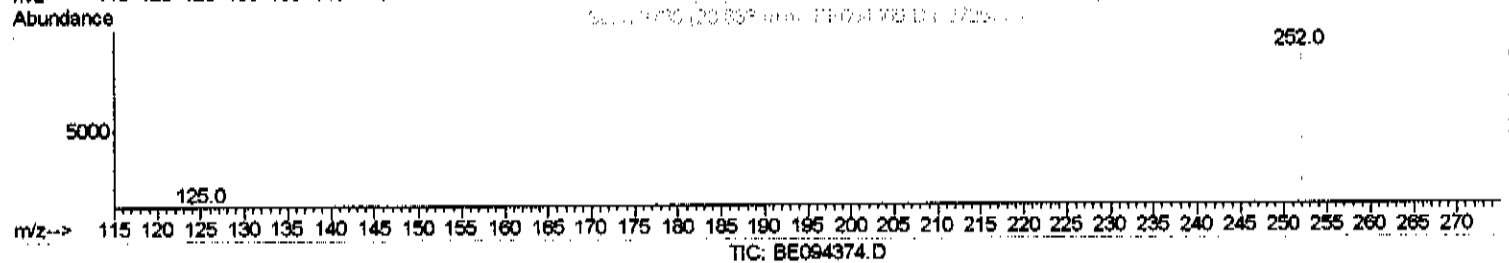
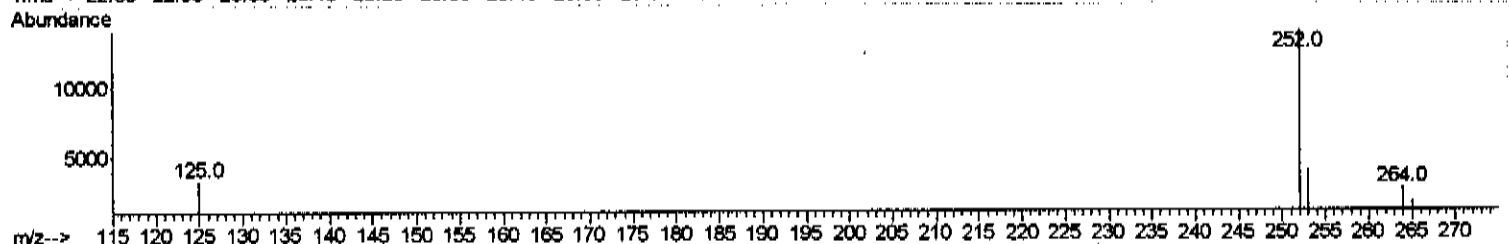
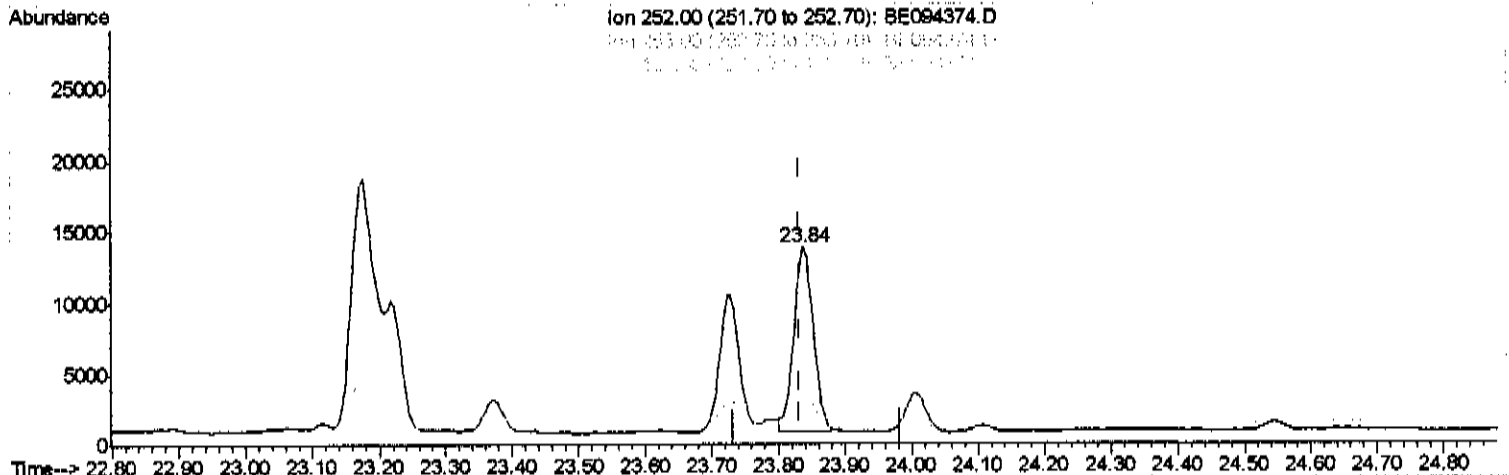
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\  
 Data File : BE094374.D  
 Acq On : 15 Oct 2017 2:44  
 Operator : SJ/JU  
 Sample : I5548-02  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 C0AB3

Manual Integrations  
 APPROVED

Sohil  
 10/16/2017 8:25:36 PM

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(23) Benzo(a)pyrene (C)

23.837min (+0.004) 0.72ng/ul m

response 26727

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 35.60 | 28.52 |
| 125.00 | 22.60 | 23.98 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

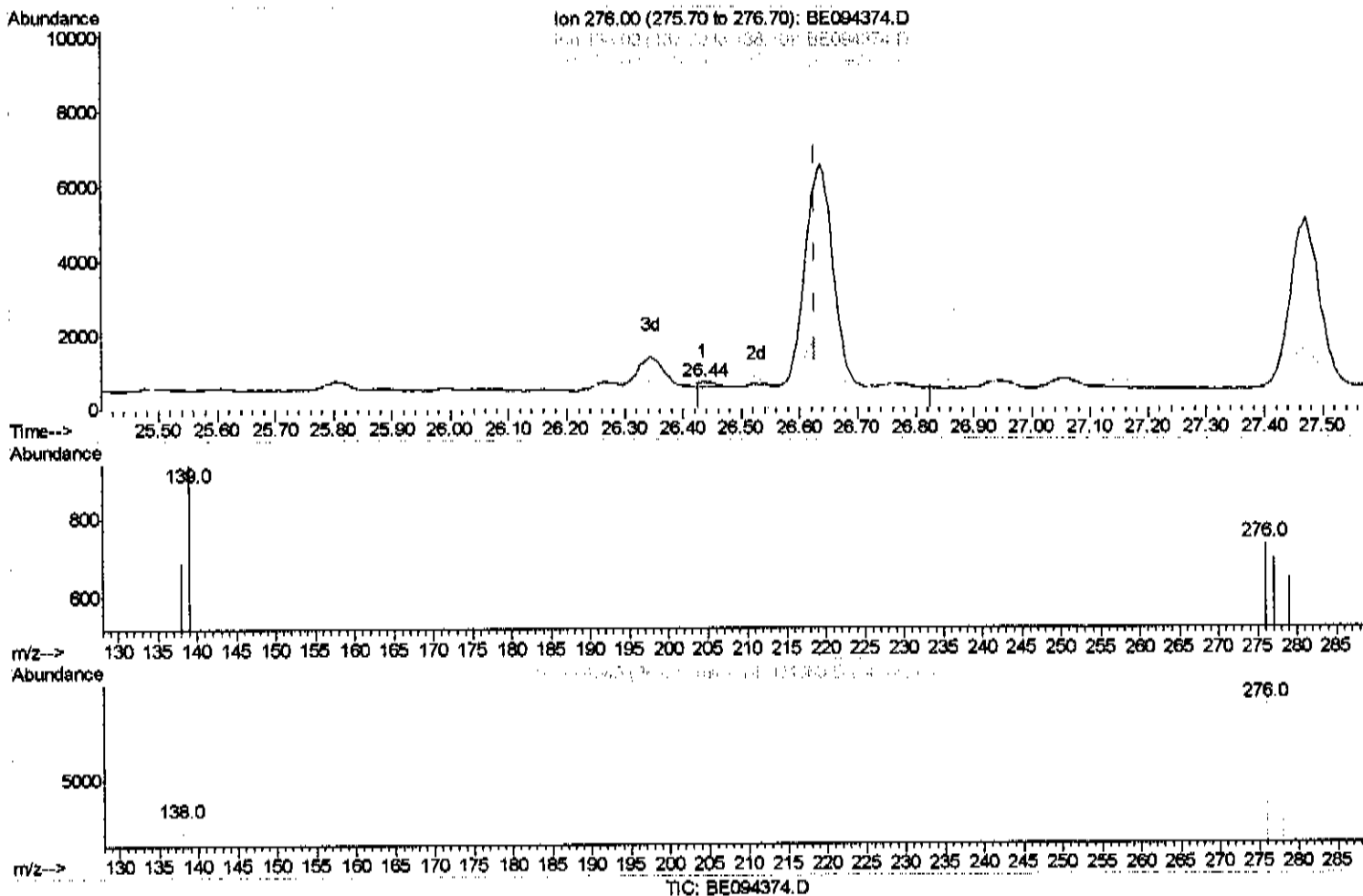
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\  
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 Operator : SJ/JU  
 Sample : I5548-02  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AB3

Manual Integrations  
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(24) Indeno(1,2,3-cd)pyrene

26.436min (-0.191) 0.01ng/ui

response 476

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 35.00 | 0.00# |
| 227.00 | 10.00 | 0.00# |
| 0.00   | 0.00  | 0.00  |

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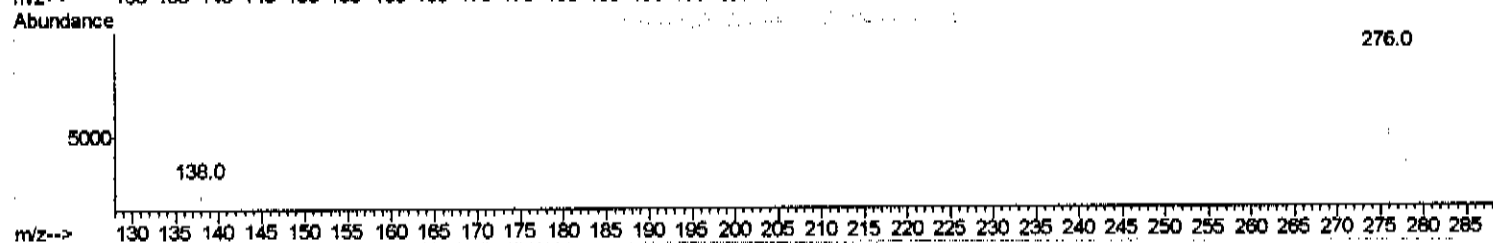
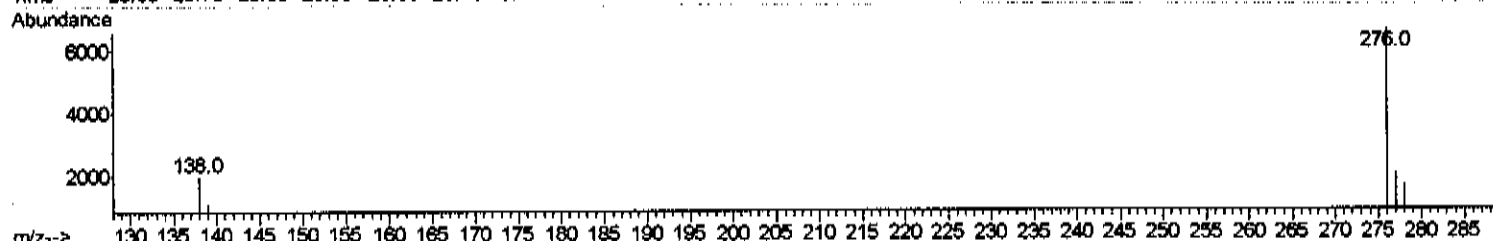
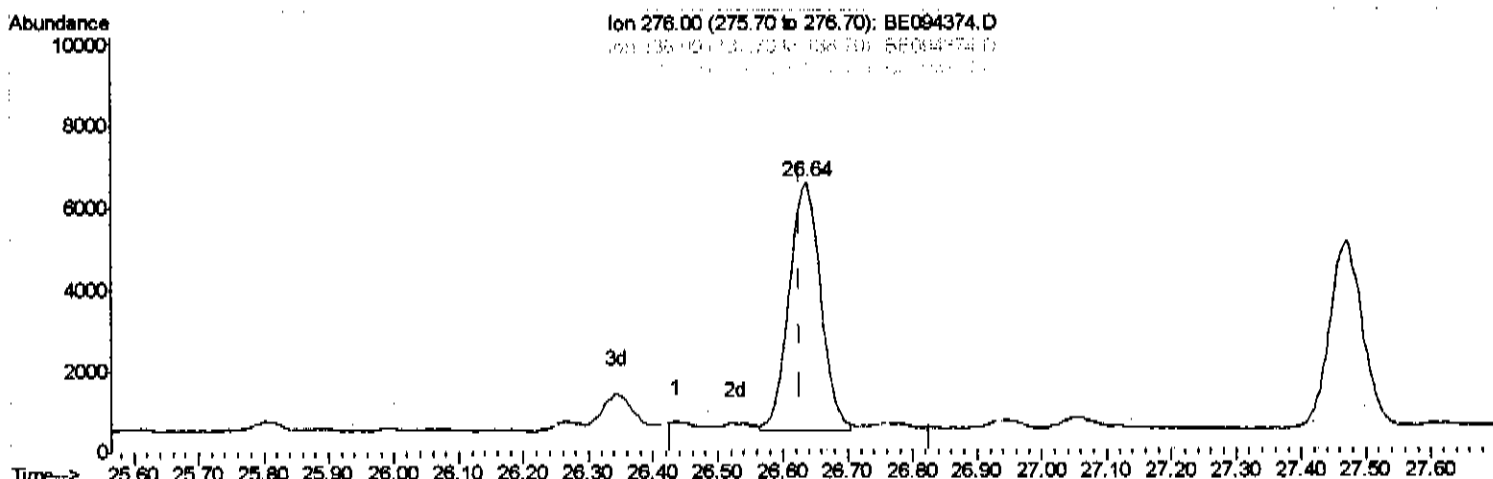
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\  
 Data File : BE094374.D  
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 Operator : SJ/JU  
 Sample : I5548-02  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AB3

Manual Integrations  
 APPROVED

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TIC: BE094374.D

(24) Indeno(1,2,3-cd)pyrene

26.636min (+0.009) 0.54ng/ul m

response 20564

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 35.00 | 0.00% |
| 227.00 | 10.00 | 0.00% |
| 0.00   | 0.00  | 0.00  |

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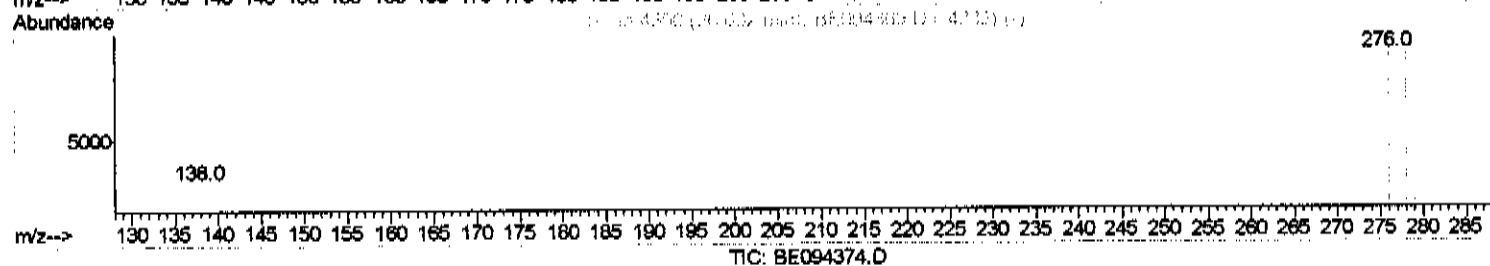
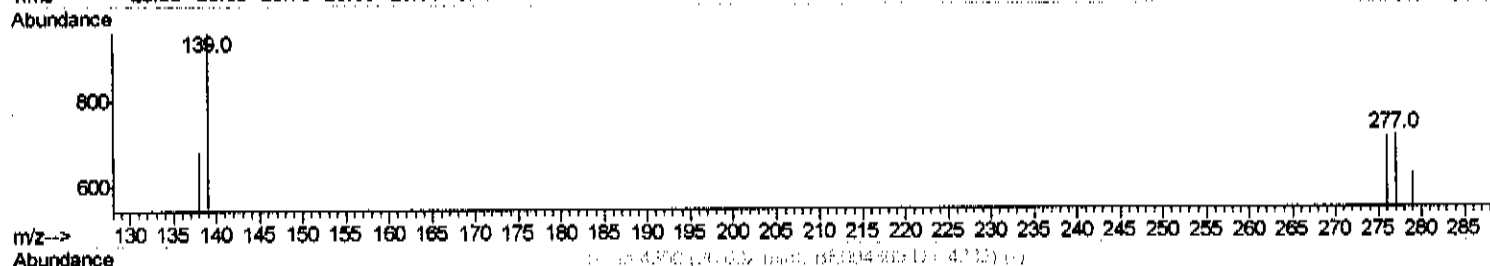
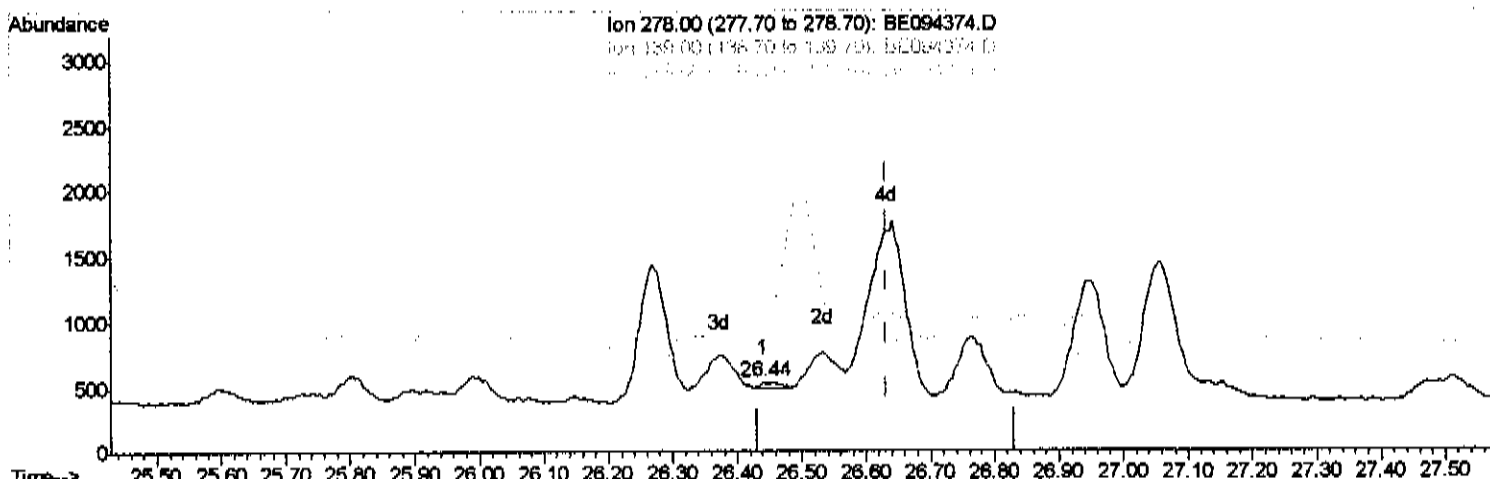
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 Data File : BE094374.D  
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 Operator : SJ/JU  
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 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 C0AB3

Manual Integrations  
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Sohil  
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(25) Dibenzo(a,h)anthracene

26.440min (-0.191) 0.00ng/ui

response 103

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 278.00 | 100   | 100     |
| 139.00 | 21.70 | 177.49# |
| 279.00 | 32.40 | 115.13# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

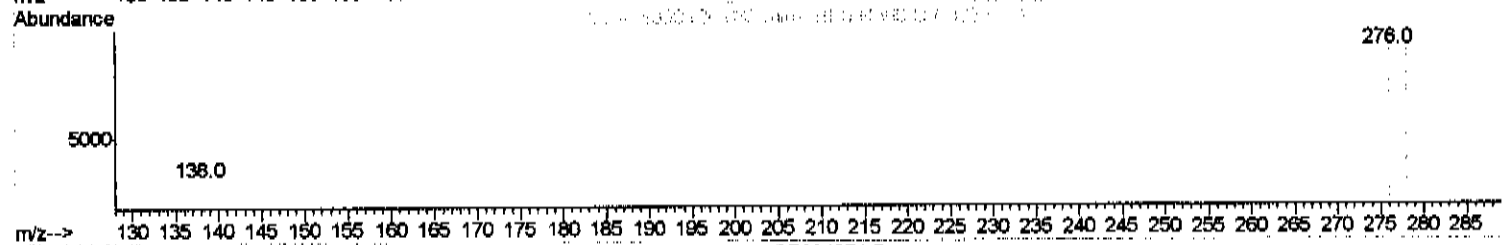
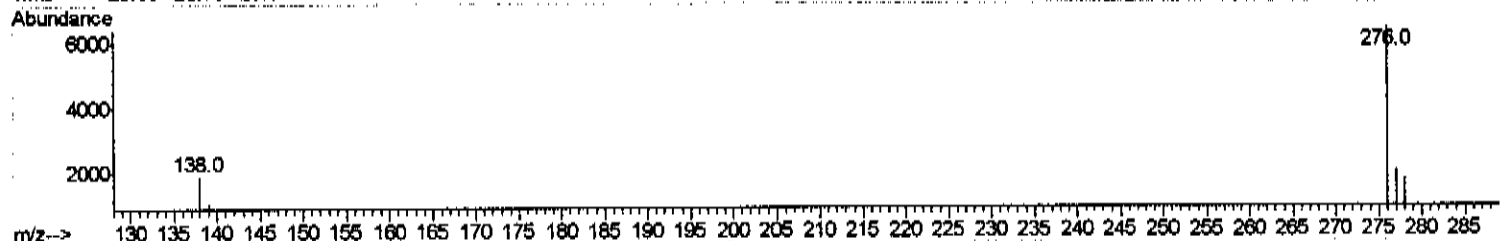
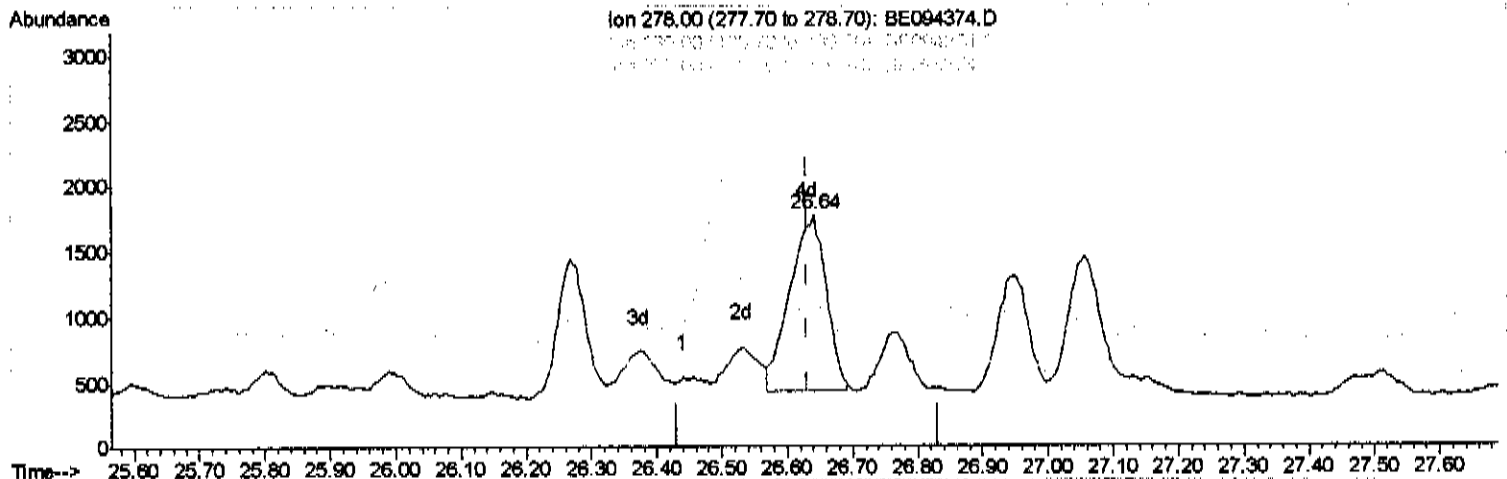
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TIC: BE094374.D

(25) Dibenzo(a,h)anthracene

26.641min (+0.009) 0.16ng/ul m

response 5206

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 21.70 | 60.16# |
| 279.00 | 32.40 | 50.45# |
| 0.00   | 0.00  | 0.00   |

*Handwritten:* 34/10/16/17

# Quantitation Report (Qedit)

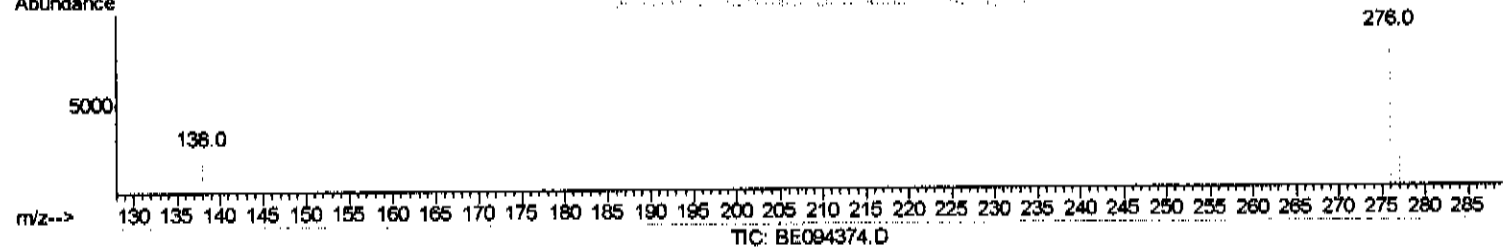
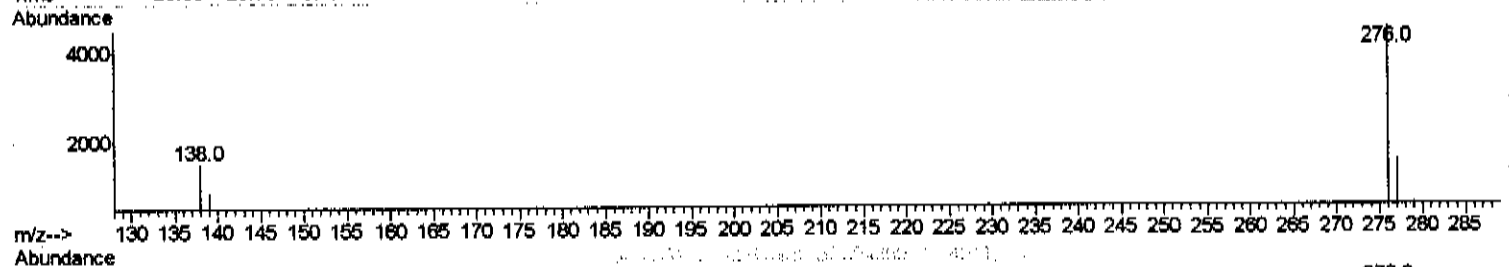
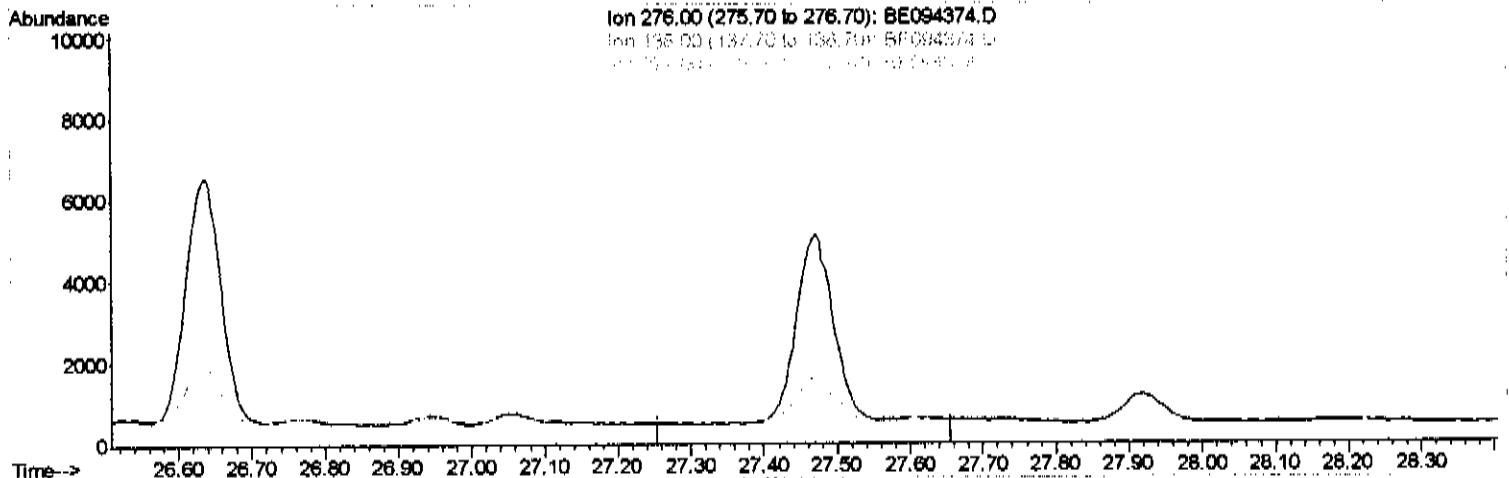
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(26) Benzo(g,h,i)perylene  
 27.456min (-27.456) 0.00ng/ul  
 response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 0.00  |
| 138.00 | 27.30 | 0.00# |
| 277.00 | 25.60 | 0.00# |
| 0.00   | 0.00  | 0.00  |

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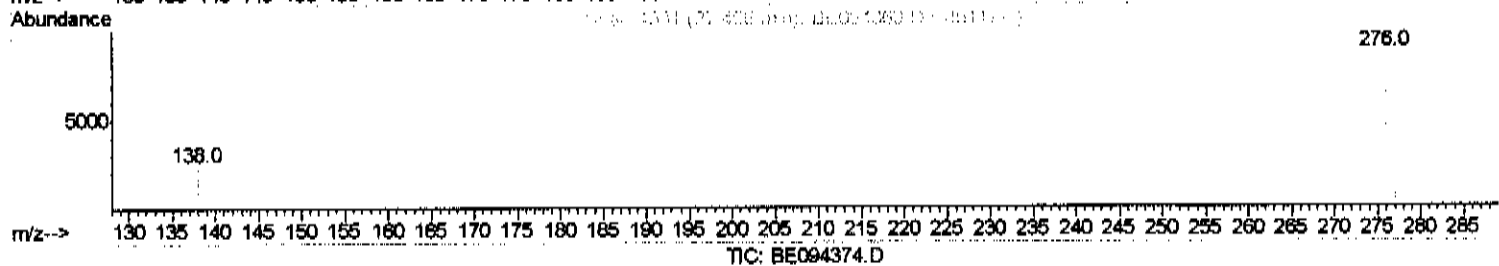
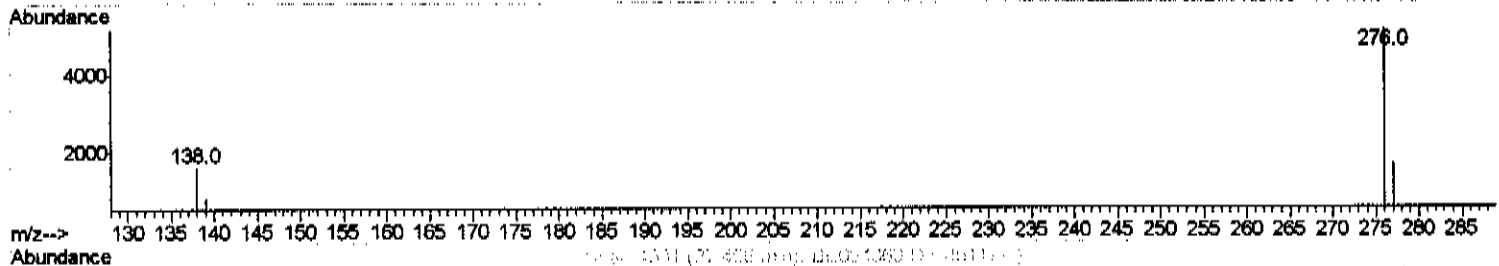
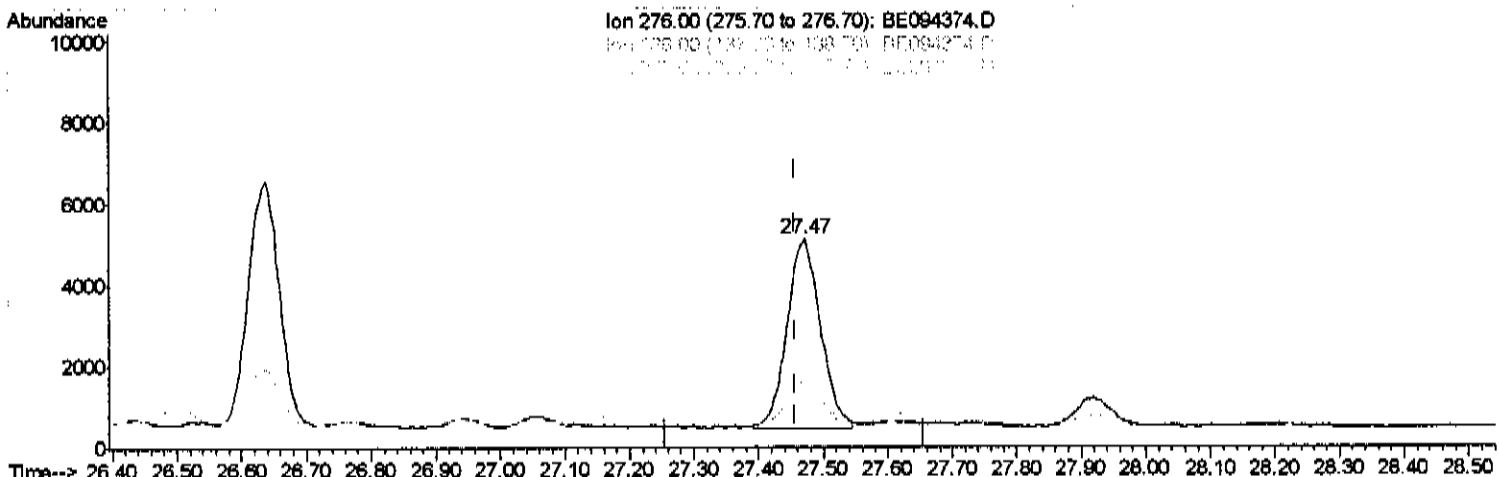
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(26) Benzo(g,h,i)perylene

27.470min (+0.014) 0.51ng/ul m

response 16797

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 27.30 | 31.54  |
| 277.00 | 25.60 | 32.30# |
| 0.00   | 0.00  | 0.00   |

*SJ 10/16/17*

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BNA\_E  
ClientSampled :  
C0AB3

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.91  | 152  | 1835     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.70 | 136  | 10209    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.53 | 164  | 6069     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.26 | 188  | 12971    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.43 | 240  | 12060    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.95 | 264  | 13098m   | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 3144     | 0.20 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.28 | 212  | 7870     | 0.18 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 10.75 | 128  | 1132     | 0.045 | ng/ul# | 77     |
| 5) 2-Methylnaphthalene     | 12.35 | 142  | 923      | 0.057 | ng/ul  | 98     |
| 7) Acenaphthylene          | 14.25 | 152  | 1068     | 0.045 | ng/ul# | 81     |
| 8) Acenaphthene            | 14.59 | 153  | 703      | 0.036 | ng/ul# | 92     |
| 9) Fluorene                | 15.57 | 166  | 668      | 0.029 | ng/ul# | 77     |
| 12) Phenanthrene           | 17.29 | 178  | 20280    | 0.598 | ng/ul# | 87     |
| 13) Anthracene             | 17.39 | 178  | 2997     | 0.091 | ng/ul# | 90     |
| 15) Fluoranthene           | 19.31 | 202  | 60042    | 1.348 | ng/ul  | 84     |
| 17) Pyrene                 | 19.67 | 202  | 53527    | 1.595 | ng/ul# | 84     |
| 18) Benzo(a)anthracene     | 21.41 | 228  | 26032    | 0.814 | ng/ul# | 92     |
| 19) Chrysene               | 21.46 | 228  | 31763    | 0.860 | ng/ul# | 93     |
| 21) Benzo(b)fluoranthene   | 23.18 | 252  | 39049    | 1.097 | ng/ul  | 91     |
| 22) Benzo(k)fluoranthene   | 23.22 | 252  | 15783m   | 0.384 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.84 | 252  | 26727m   | 0.723 | ng/ul  |        |
| 24) Indeno(1,2,3-cd)pyrene | 26.64 | 276  | 20564m   | 0.544 | ng/ul  |        |
| 25) Dibenzo(a,h)anthracene | 26.64 | 278  | 5206m    | 0.164 | ng/ul  |        |
| 26) Benzo(a,h,i)perylene   | 27.47 | 276  | 16797m   | 0.515 | ng/ul  |        |

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