

# Quantitation Report (QT Reviewed)

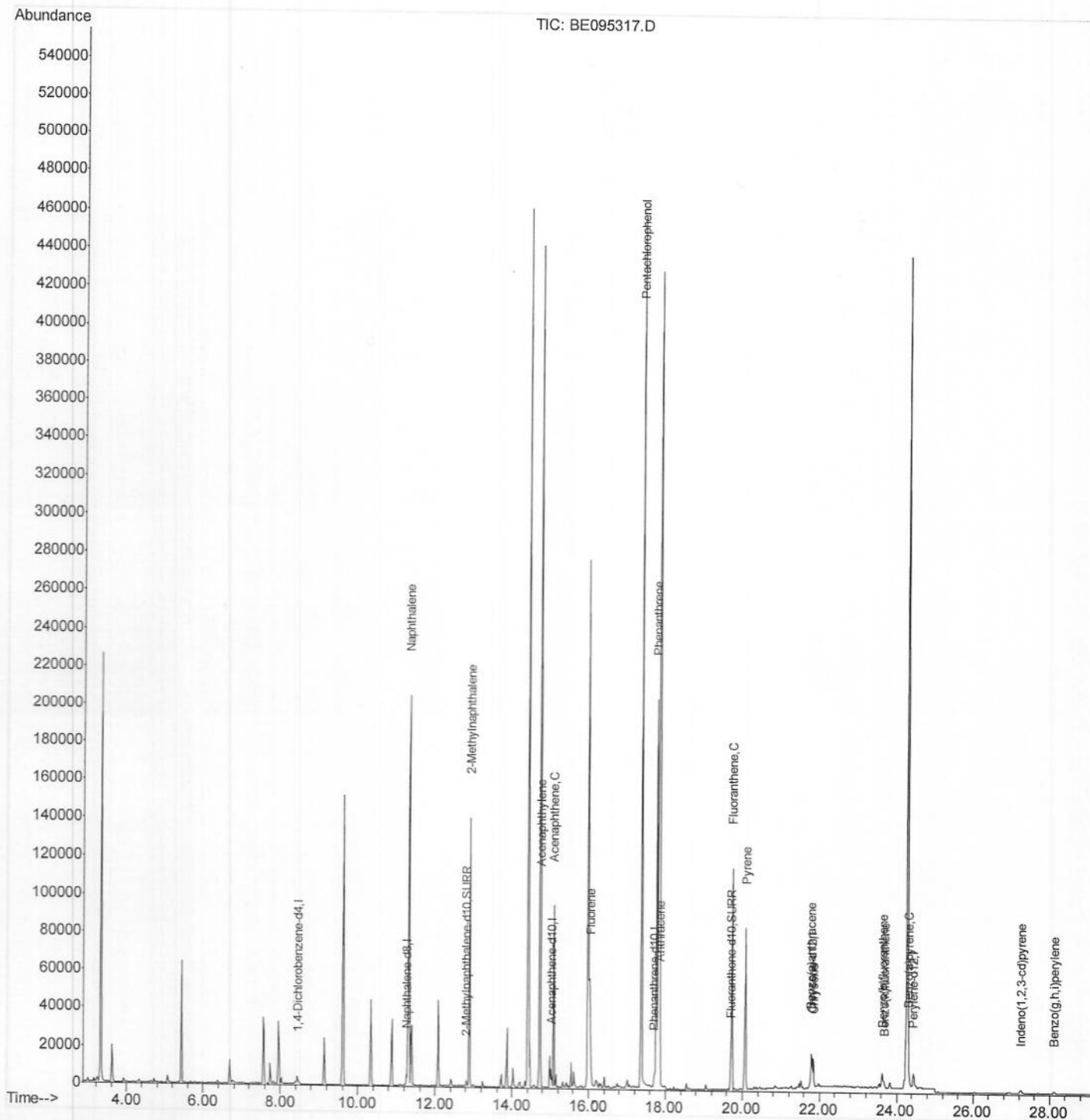
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095317.D  
 Acq On : 31 Jan 2018 14:59  
 Operator : SJ/JU  
 Sample : J1243-03  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6B26

Manual Integrations  
 APPROVED

Sohil  
 1/31/2018 8:29:17 PM

Quant Time: Jan 31 15:56:07 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 11:55:47 2018  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

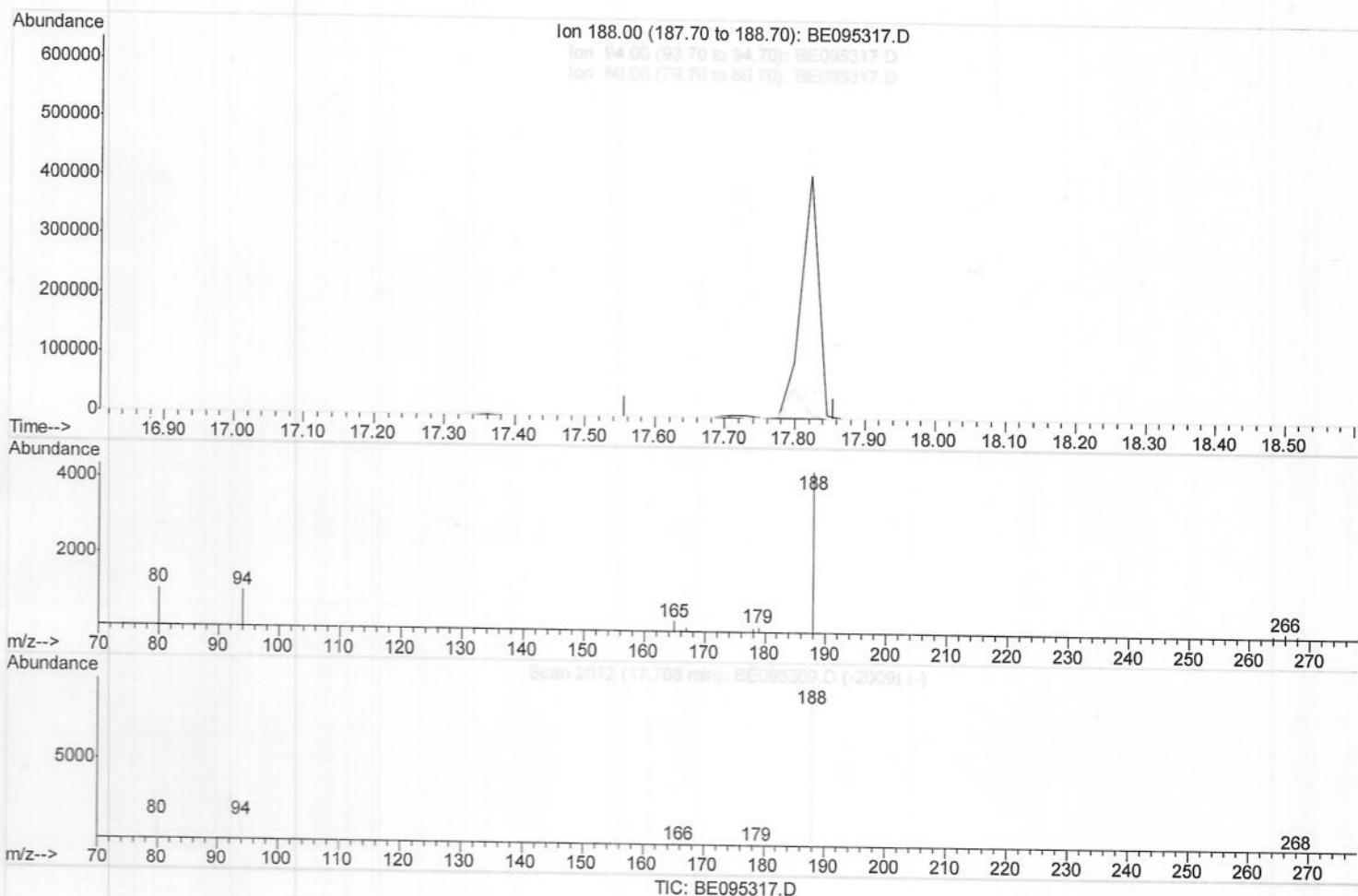
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095317.D  
 Acq On : 31 Jan 2018 14:59  
 Operator : SJ/JU  
 Sample : J1243-03  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6B26

Manual Integrations  
 APPROVED

Sohil  
 1/31/2018 8:29:17 PM

Quant Time: Jan 31 15:36:50 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 11:55:47 2018  
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.706min (-17.706) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 0.00  |
| 94.00  | 11.00 | 0.00# |
| 80.00  | 11.80 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

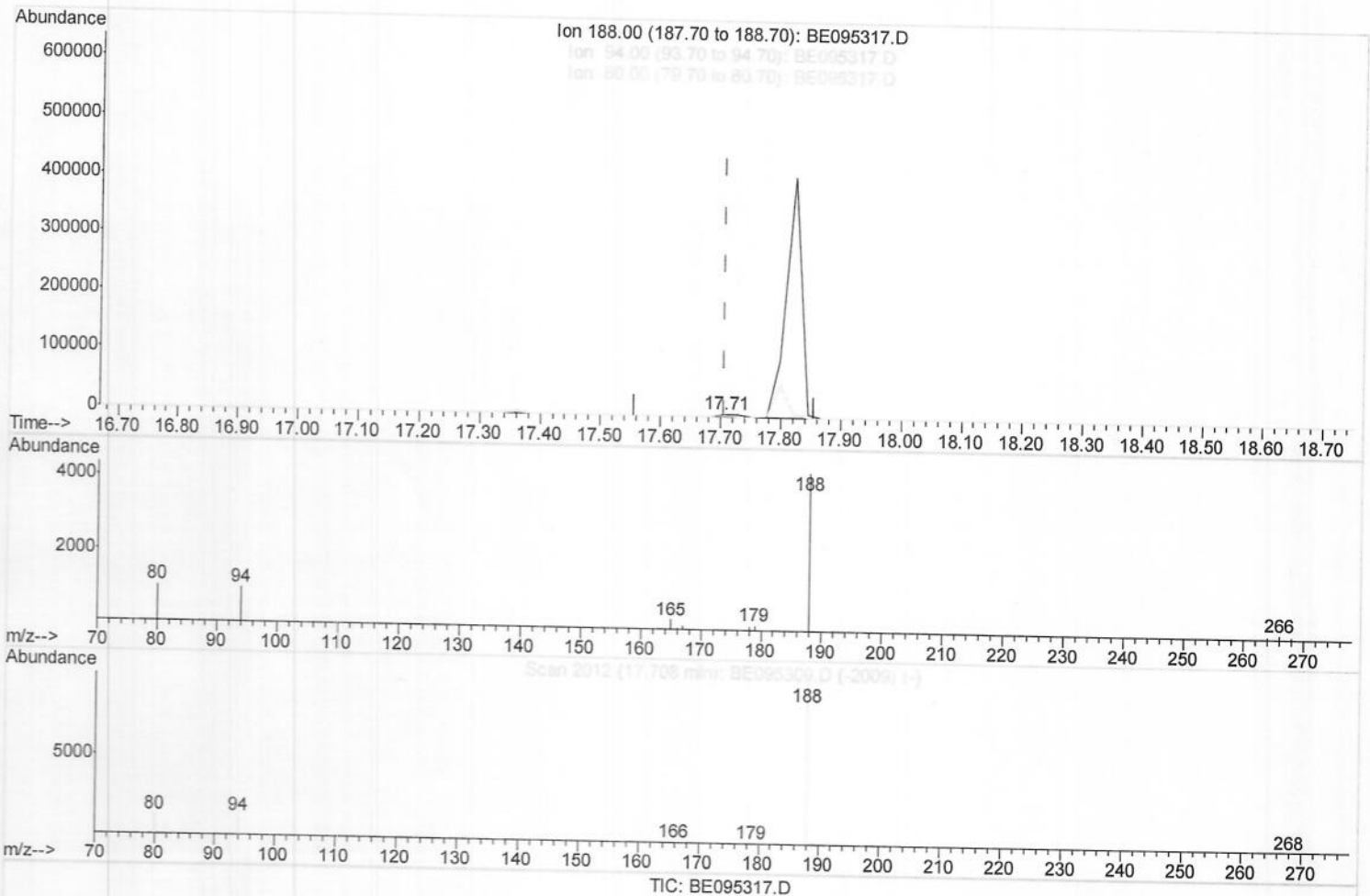
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095317.D  
 Acq On : 31 Jan 2018 14:59  
 Operator : SJ/JU  
 Sample : J1243-03  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6B26

Manual Integrations  
 APPROVED

Sohil  
 1/31/2018 8:29:17 PM

Quant Time: Jan 31 15:36:50 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 11:55:47 2018  
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.707min (+0.000) 0.40ng/ul m

response 11426

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.00 | 23.44# |
| 80.00  | 11.80 | 24.51# |
| 0.00   | 0.00  | 0.00   |

JU 02/04/18

# Quantitation Report (Qedit)

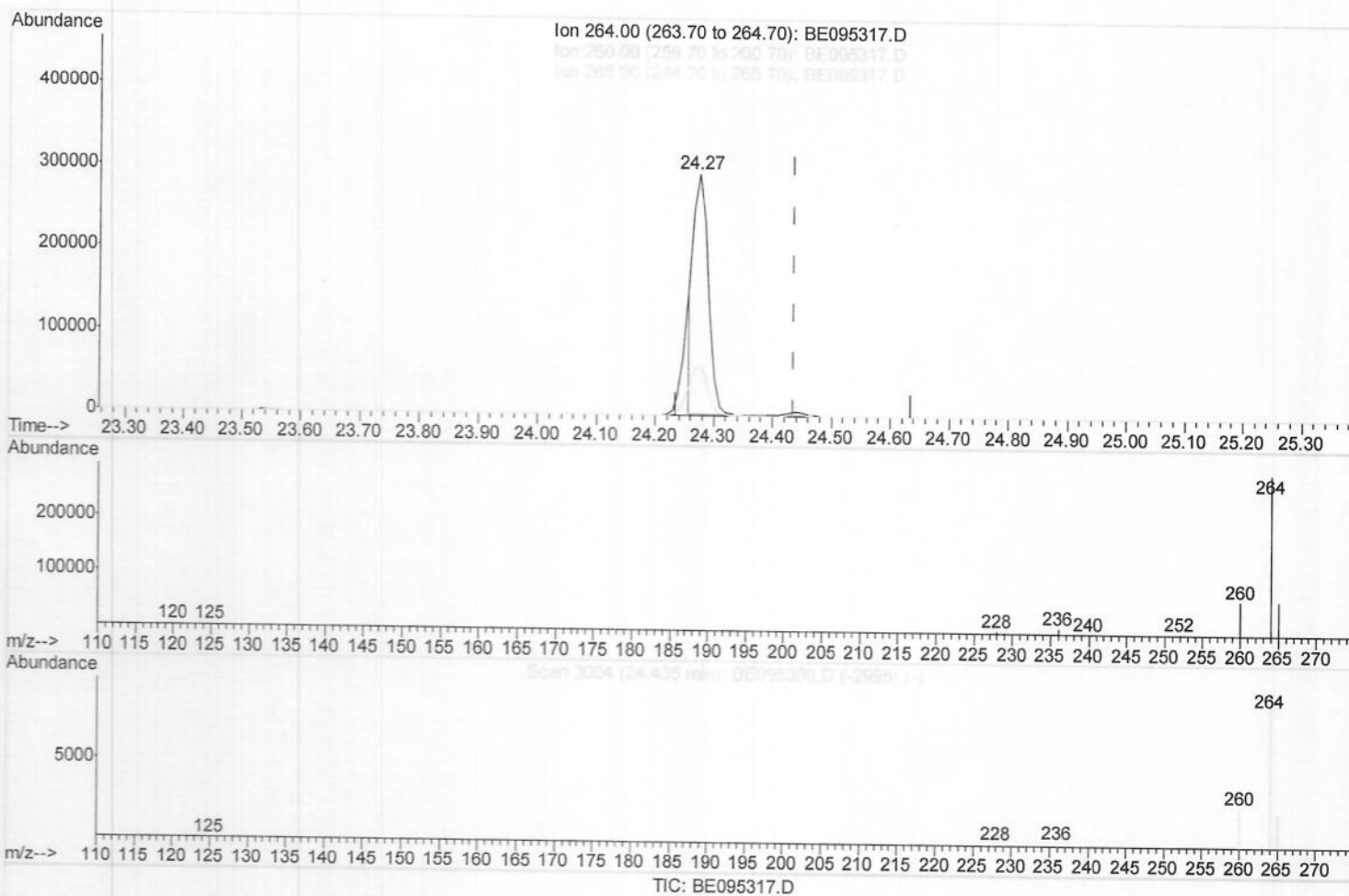
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095317.D  
 Acq On : 31 Jan 2018 14:59  
 Operator : SJ/JU  
 Sample : J1243-03  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6B26

Manual Integrations  
 APPROVED

Sohil  
 1/31/2018 8:29:17 PM

Quant Time: Jan 31 15:52:08 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 11:55:47 2018  
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.274min (-0.162) 0.40ng/ul

response 525444

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 21.29# |
| 265.00 | 103.50 | 21.42# |
| 0.00   | 0.00   | 0.00   |



# Quantitation Report (Qedit)

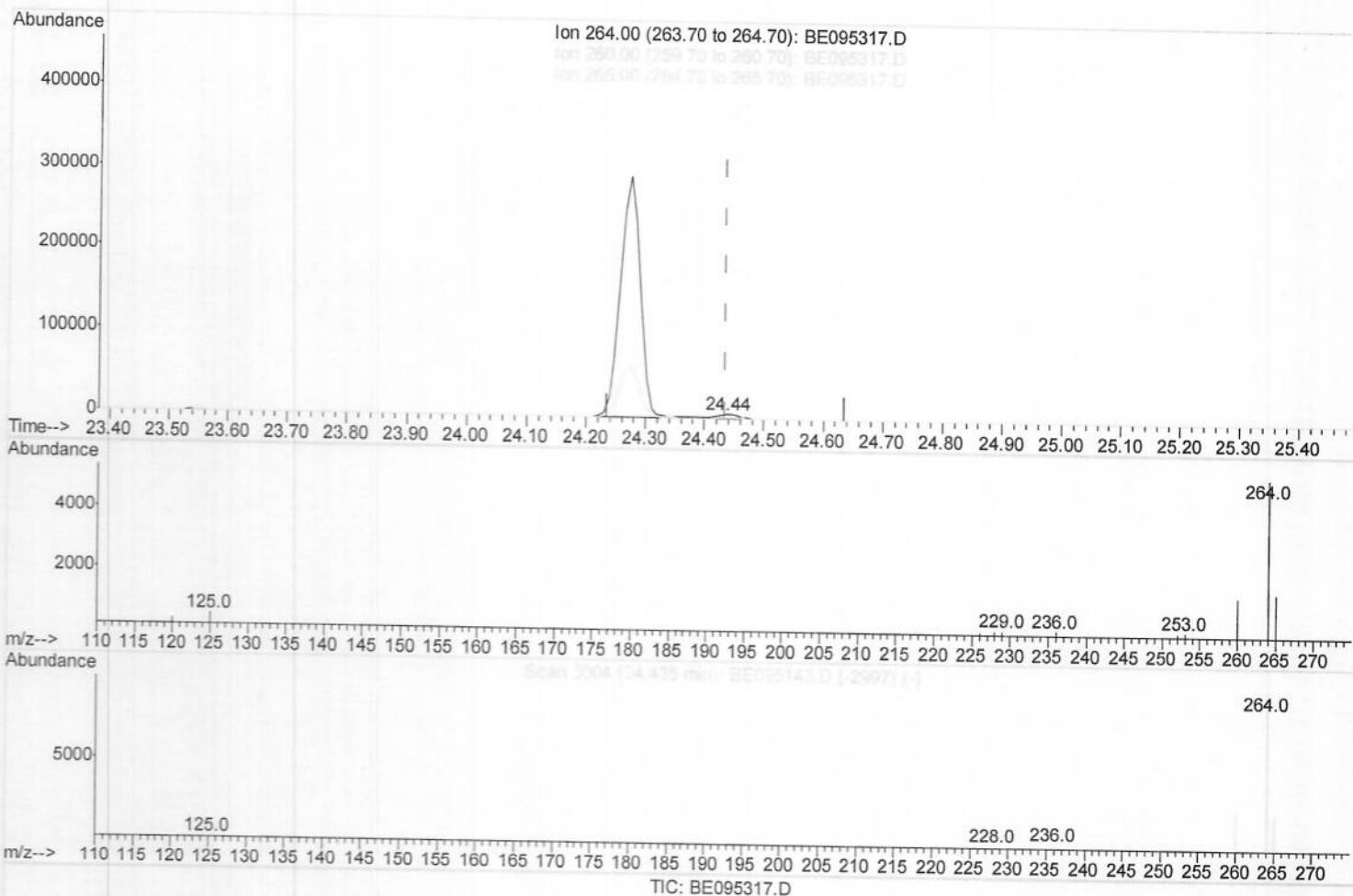
Data Path : U:\HPCHEM1\BNA E\Data\BE013018\  
 Data File : BE095317.D  
 Acq On : 31 Jan 2018 14:59  
 Operator : SJ/JU  
 Sample : J1243-03  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6B26

Manual Integrations  
 APPROVED

Sohil  
 1/31/2018 8:29:17 PM

Quant Time: Jan 31 15:56:07 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 11:55:47 2018  
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.436min (+0.000) 0.40ng/ul m

response 11816

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 26.59  |
| 265.00 | 103.50 | 29.73# |
| 0.00   | 0.00   | 0.00   |

JU  
 02/04/18

# Quantitation Report (Qedit)

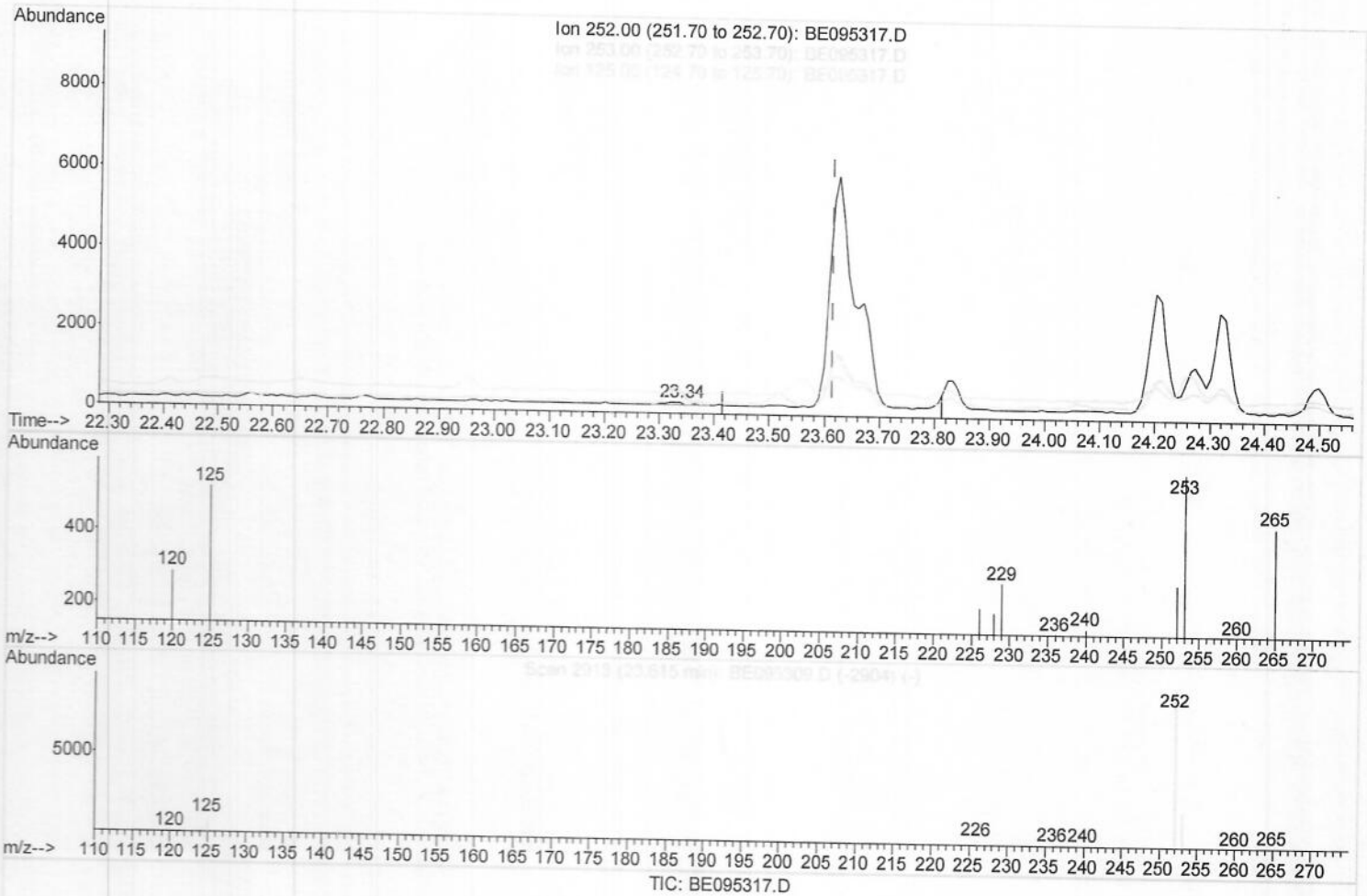
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095317.D  
 Acq On : 31 Jan 2018 14:59  
 Operator : SJ/JU  
 Sample : J1243-03  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6B26

Manual Integrations  
 APPROVED

Sohil  
 1/31/2018 8:29:17 PM

Quant Time: Jan 31 15:53:17 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 11:55:47 2018  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene  
 23.337min (-0.279) 0.01ng/ul  
 response 228

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 32.10 | 206.60# |
| 125.00 | 17.50 | 180.90# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

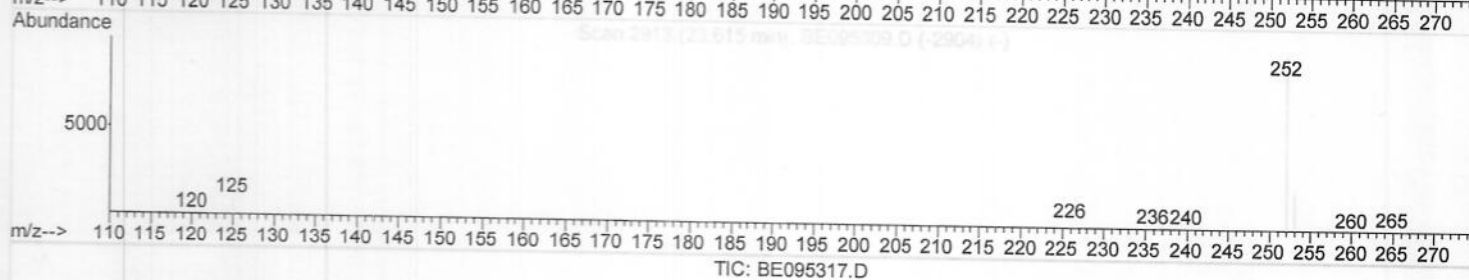
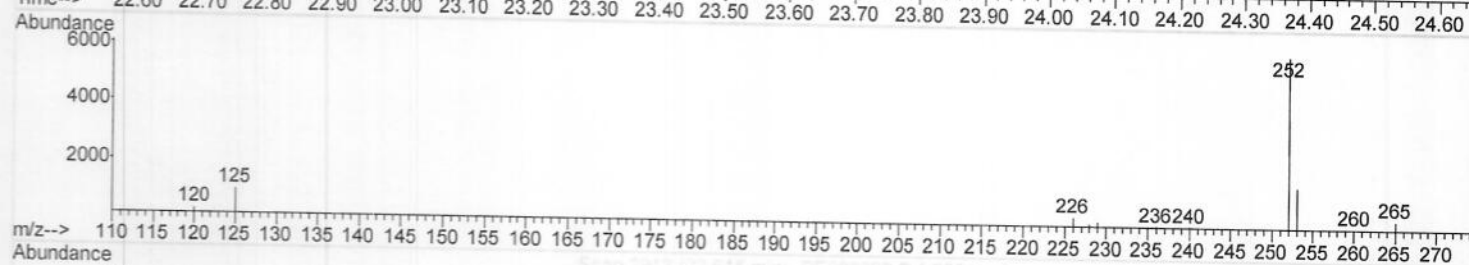
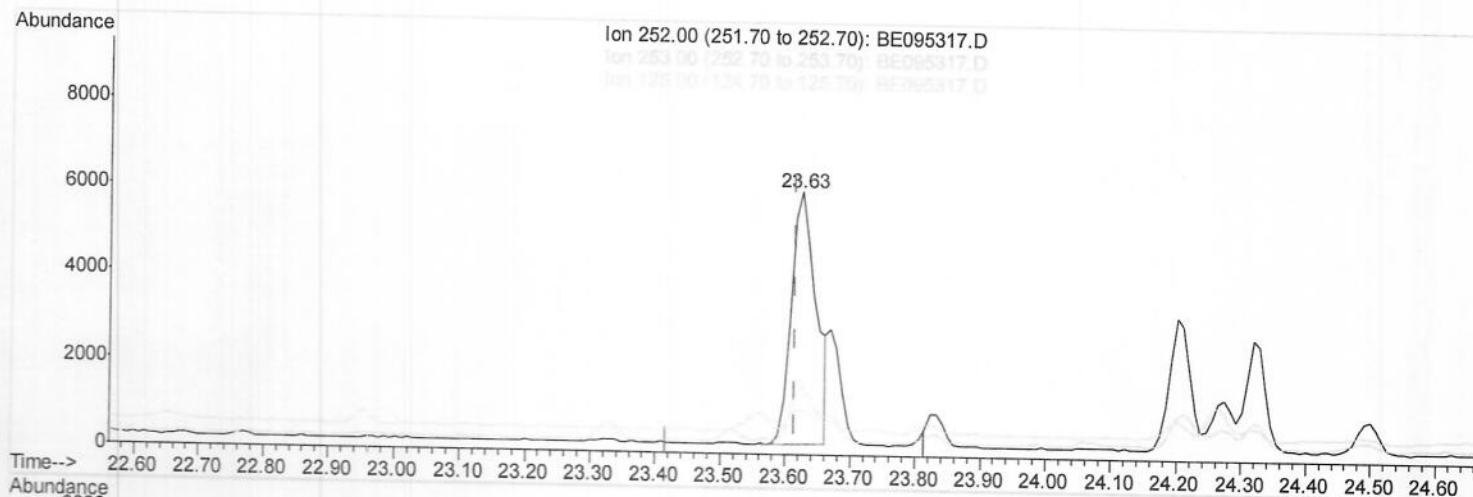
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095317.D  
 Acq On : 31 Jan 2018 14:59  
 Operator : SJ/JU  
 Sample : J1243-03  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6B26

Manual Integrations  
 APPROVED

Sohil  
 1/31/2018 8:29:17 PM

Quant Time: Jan 31 15:53:17 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 11:55:47 2018  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.625min (+0.009) 0.37ng/ul m

response 15250

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 25.84 |
| 125.00 | 17.50 | 16.59 |
| 0.00   | 0.00  | 0.00  |

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# Quantitation Report (Qedit)

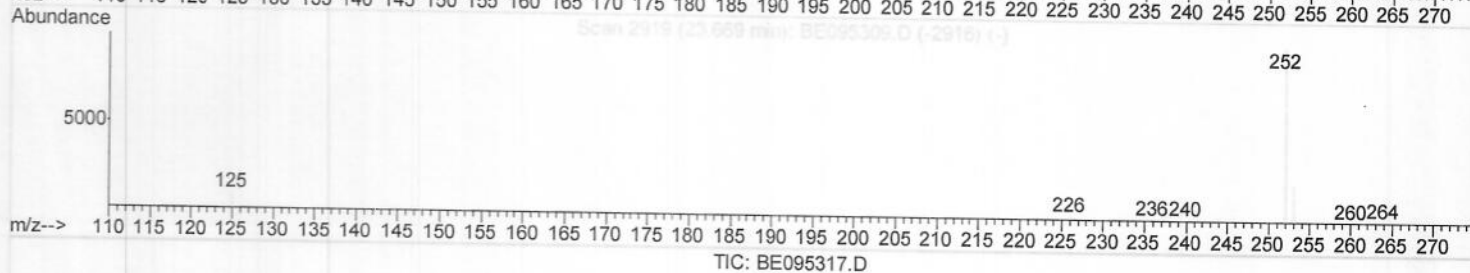
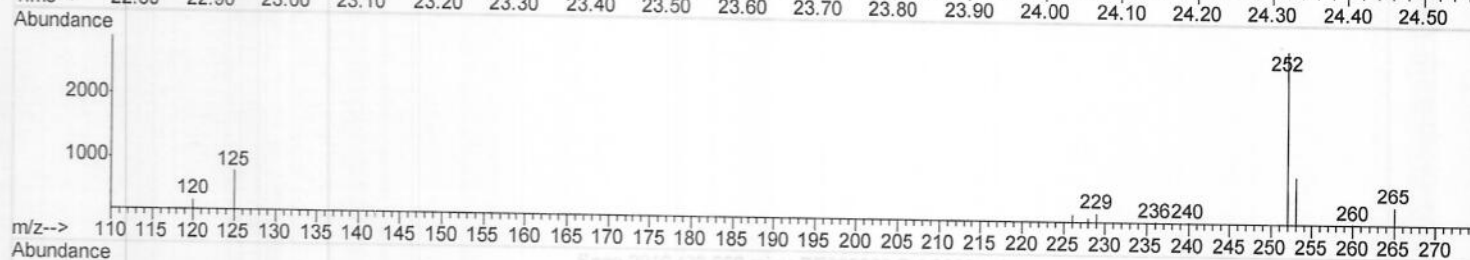
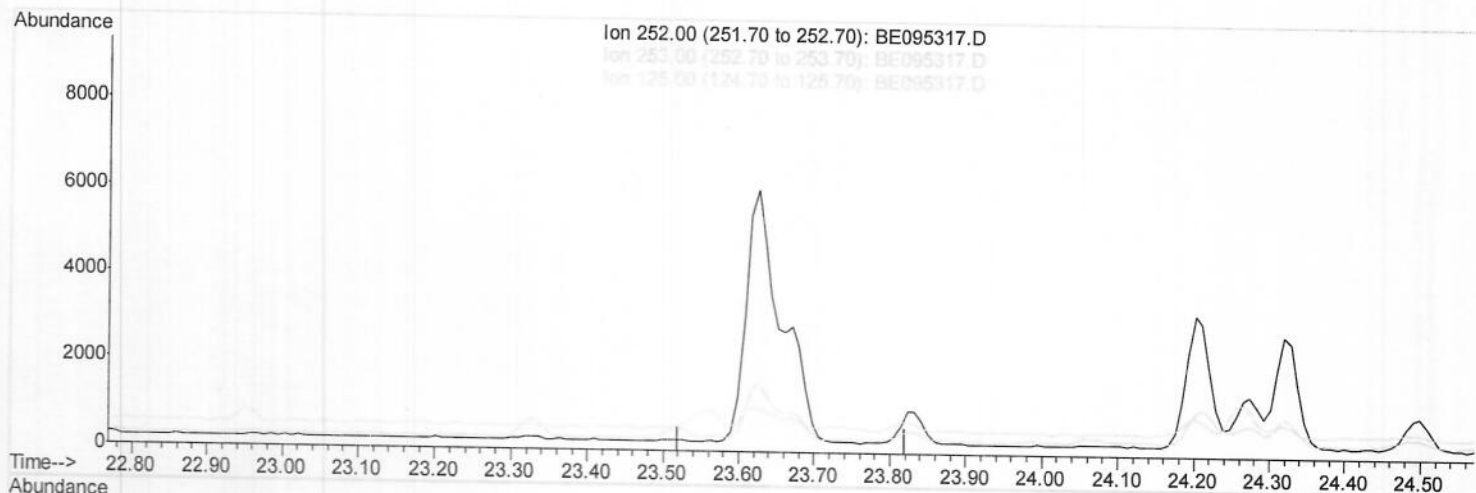
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095317.D  
 Acq On : 31 Jan 2018 14:59  
 Operator : SJ/JU  
 Sample : J1243-03  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6B26

Manual Integrations  
 APPROVED

Sohil  
 1/31/2018 8:29:17 PM

Quant Time: Jan 31 15:53:17 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 11:55:47 2018  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene  
 23.670min (-23.670) 0.00ng/ul  
 response 0

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



## Quantitation Report (Qedit)

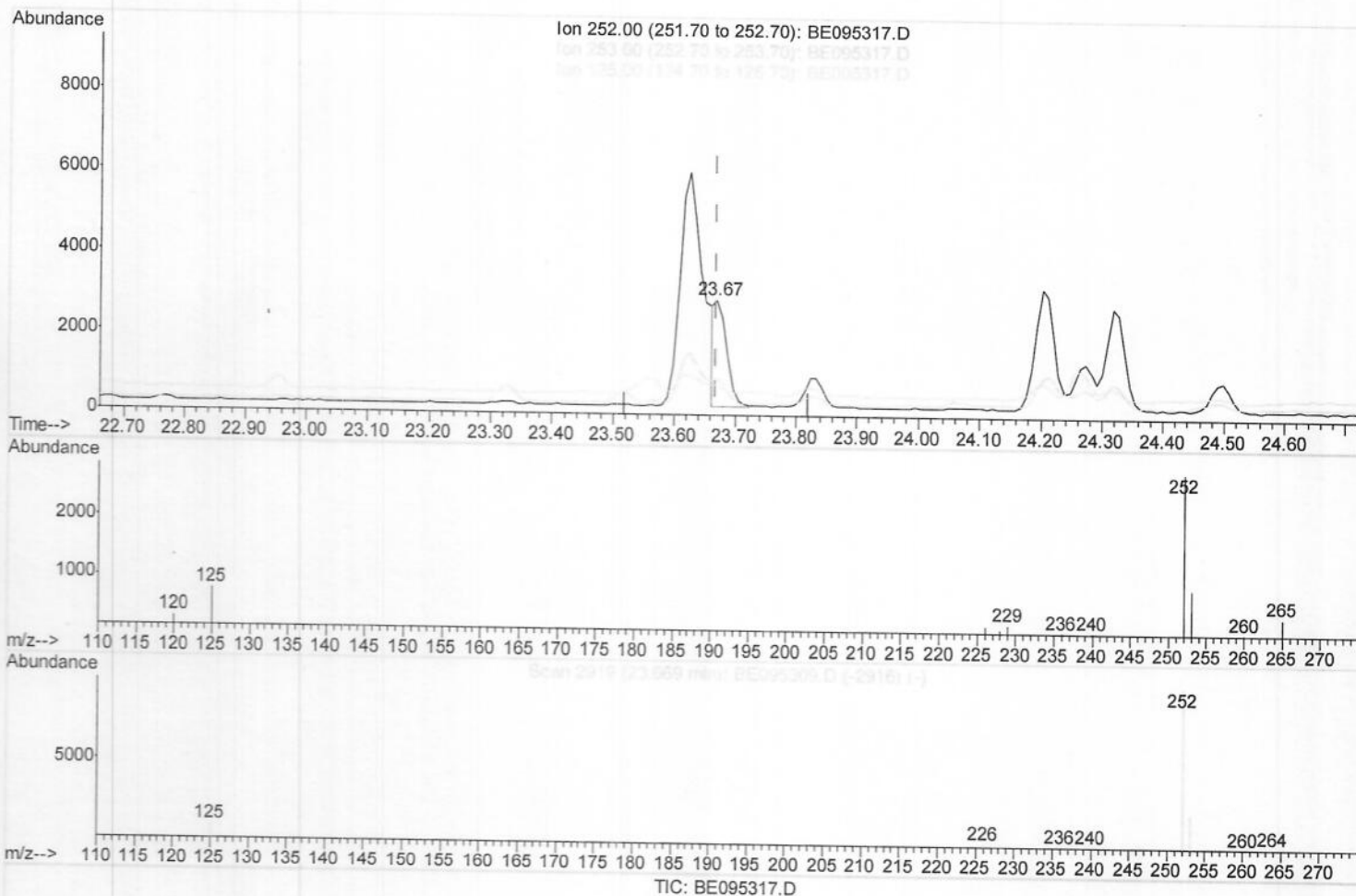
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
Data File : BE095317.D  
Acq On : 31 Jan 2018 14:59  
Operator : SJ/JU  
Sample : J1243-03  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
F6B26

Manual Integrations  
APPROVED

Sohil  
1/31/2018 8:29:17 PM

Quant Time: Jan 31 15:53:17 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 31 11:55:47 2018  
Response via : Initial Calibration



(22) Benzo(k)fluoranthene  
23.670min (+0.000) 0.10ng/ul m  
response 3681

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 31.48  |
| 125.00 | 17.10 | 26.96# |
| 0.00   | 0.00  | 0.00   |

JU  
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# Quantitation Report (Qedit)

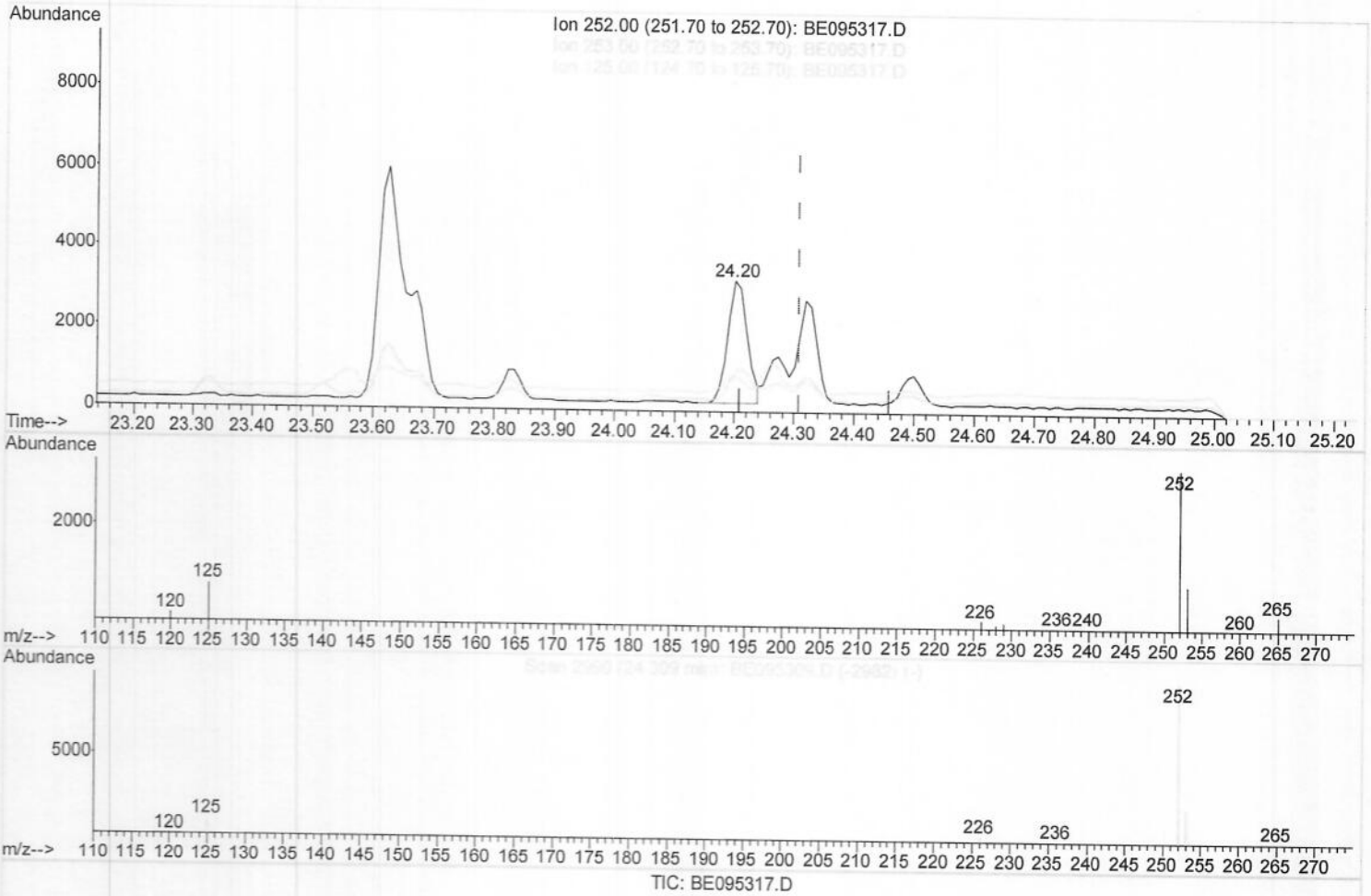
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095317.D  
 Acq On : 31 Jan 2018 14:59  
 Operator : SJ/JU  
 Sample : J1243-03  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6B26

Manual Integrations  
 APPROVED

Sohil  
 1/31/2018 8:29:17 PM

Quant Time: Jan 31 15:53:17 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 11:55:47 2018  
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)  
 24.202min (-0.108) 0.18ng/ul  
 response 6733

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 35.60 | 31.02 |
| 125.00 | 22.60 | 26.98 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

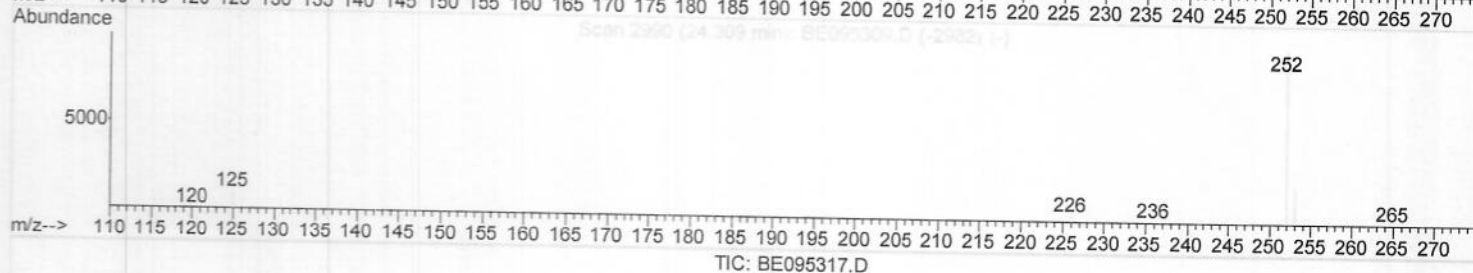
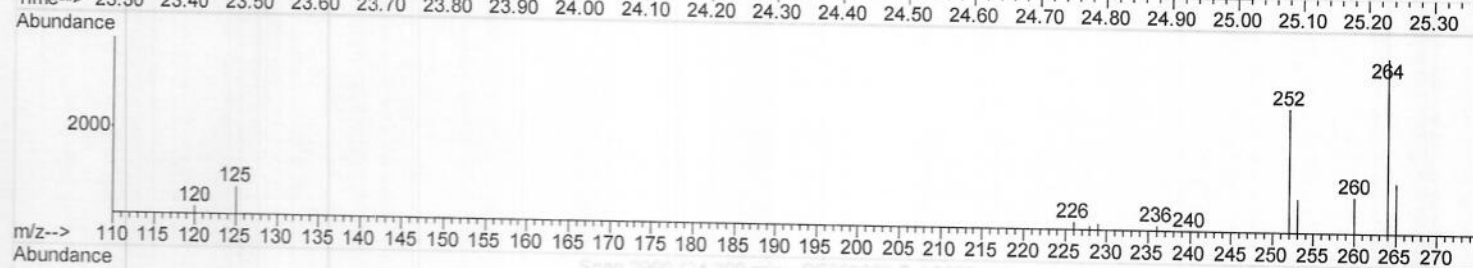
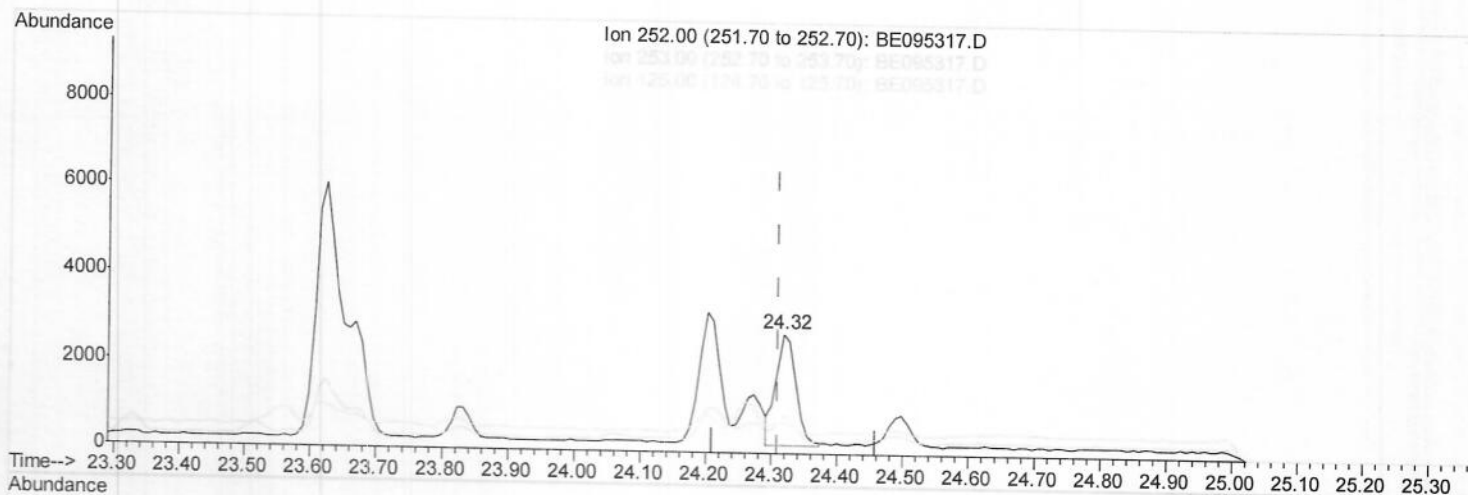
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095317.D  
 Acq On : 31 Jan 2018 14:59  
 Operator : SJ/JU  
 Sample : J1243-03  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6B26

Manual Integrations  
 APPROVED

Sohil  
 1/31/2018 8:29:17 PM

Quant Time: Jan 31 15:53:17 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 11:55:47 2018  
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

24.319min (+0.009) 0.15ng/ul m

response 5529

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 35.60 | 31.09 |
| 125.00 | 22.60 | 26.38 |
| 0.00   | 0.00  | 0.00  |

JU  
 02/04/18

# Quantitation Report (Qedit)

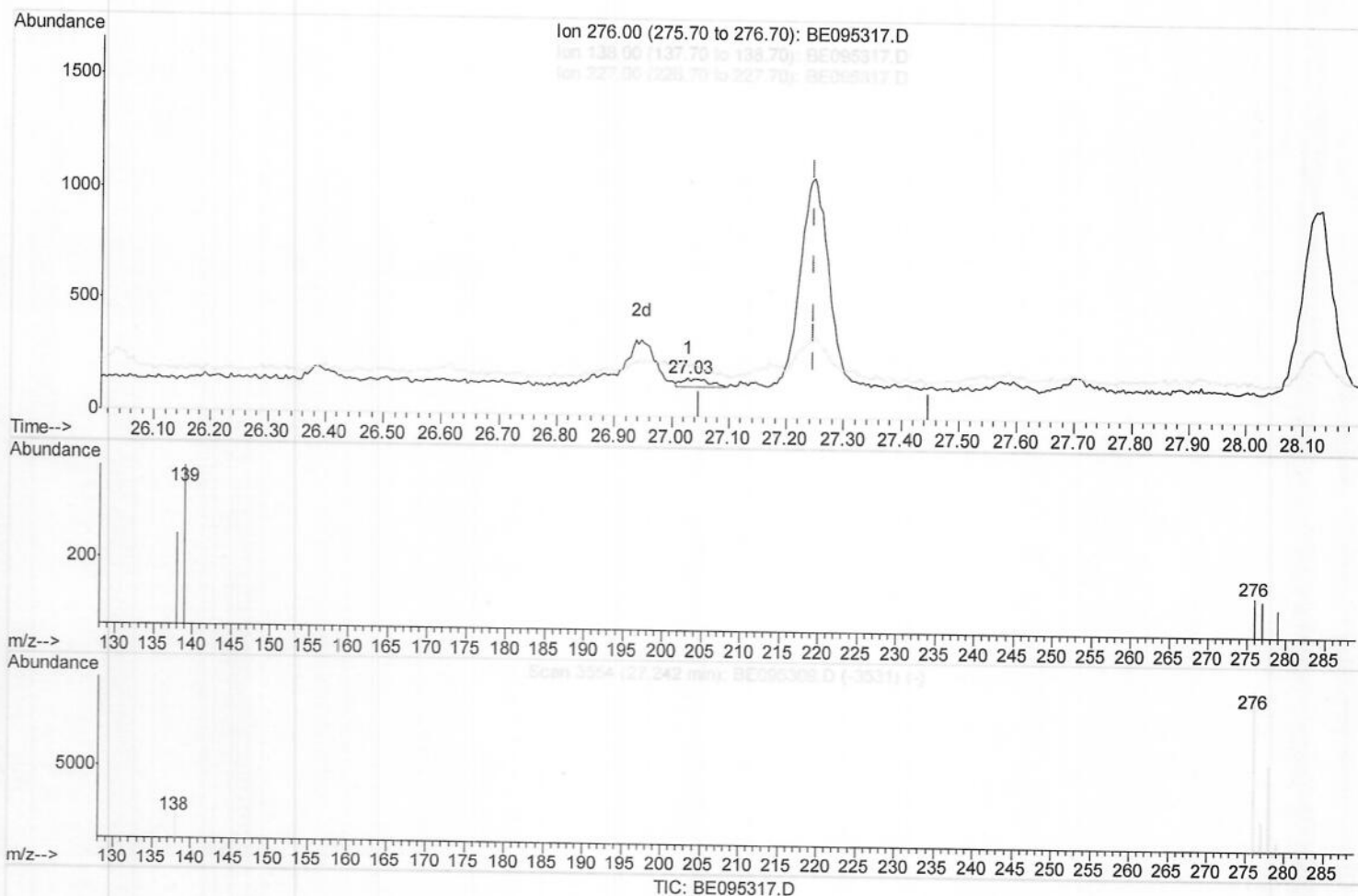
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095317.D  
 Acq On : 31 Jan 2018 14:59  
 Operator : SJ/JU  
 Sample : J1243-03  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6B26

Manual Integrations  
 APPROVED

Sohil  
 1/31/2018 8:29:17 PM

Quant Time: Jan 31 15:53:17 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 11:55:47 2018  
 Response via : Initial Calibration



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

27.028min (-0.219) 0.00ng/ul

response 124

| 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  |



# Quantitation Report (Qedit)

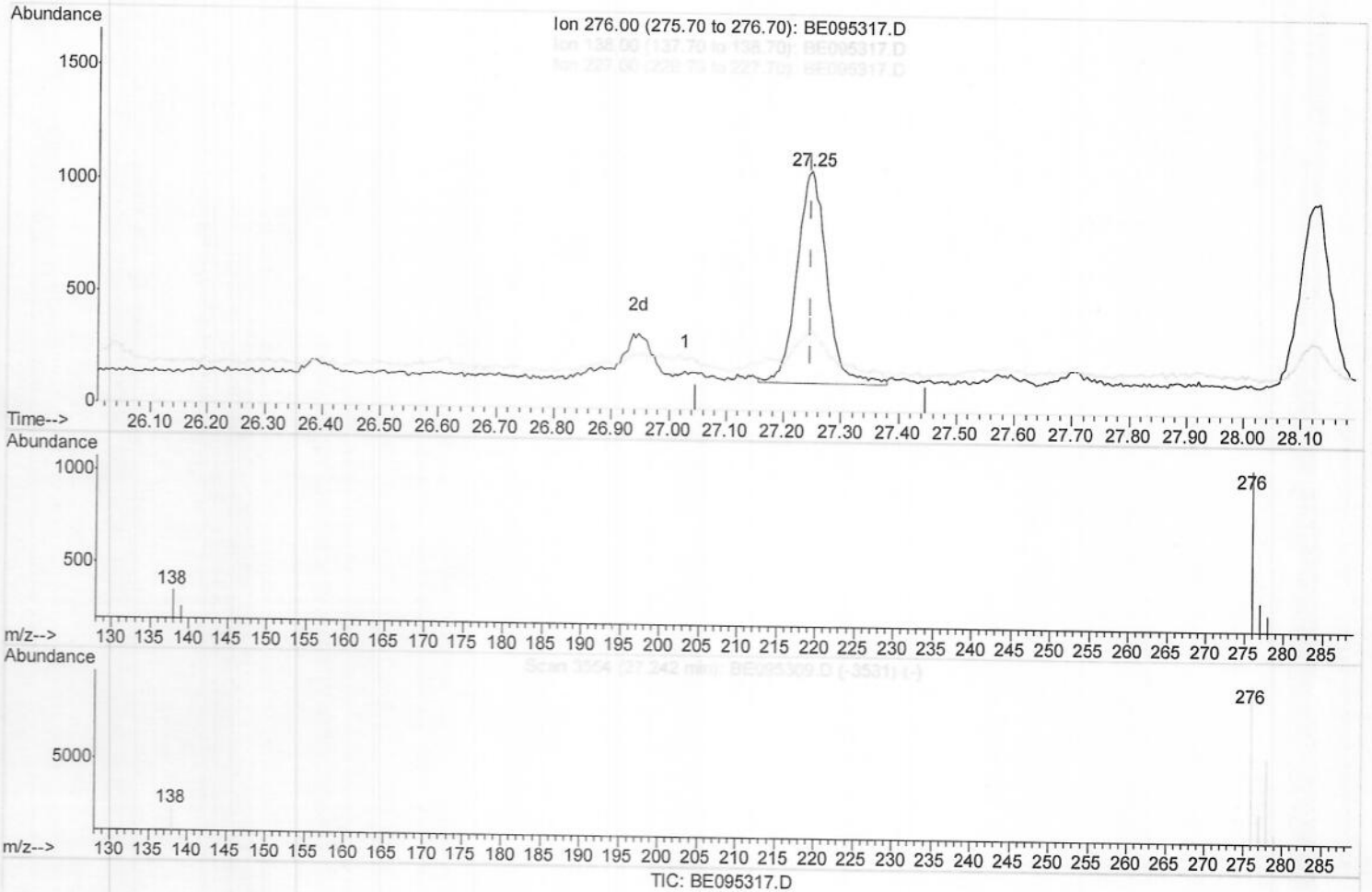
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095317.D  
 Acq On : 31 Jan 2018 14:59  
 Operator : SJ/JU  
 Sample : J1243-03  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6B26

Manual Integrations  
 APPROVED

Sohil  
 1/31/2018 8:29:17 PM

Quant Time: Jan 31 15:53:17 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 11:55:47 2018  
 Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene  
 27.247min (+0.000) 0.08ng/ul m  
 response 3421

| 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  |

JU  
 02/04/18

# Quantitation Report (Qedit)

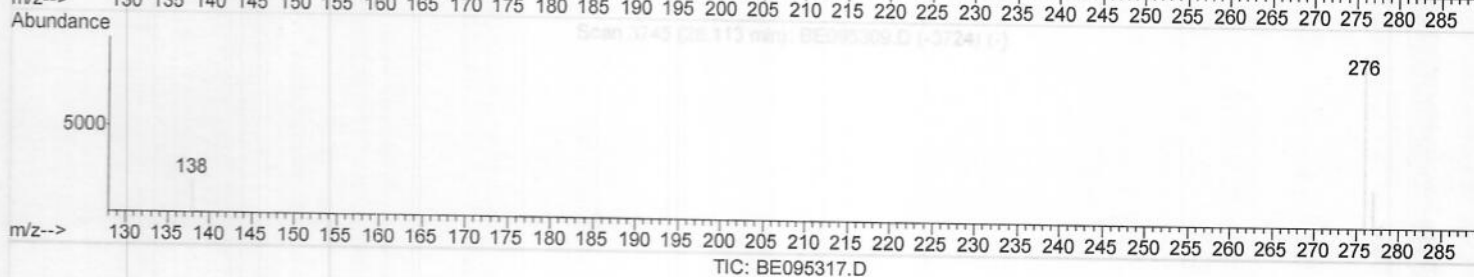
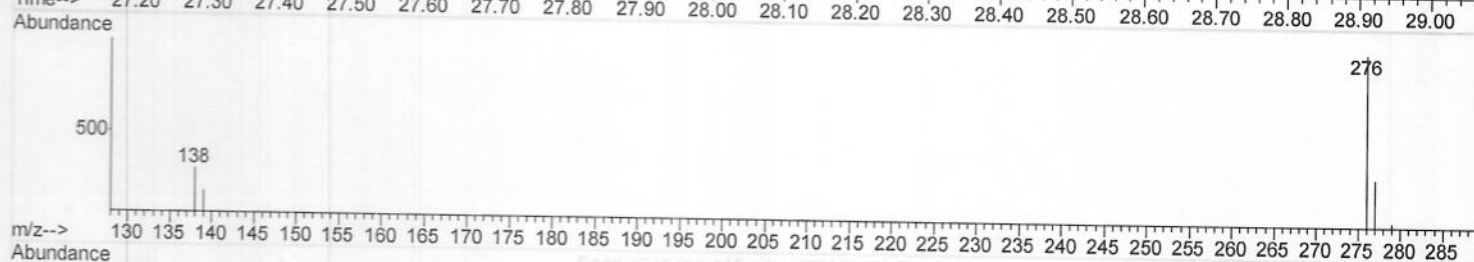
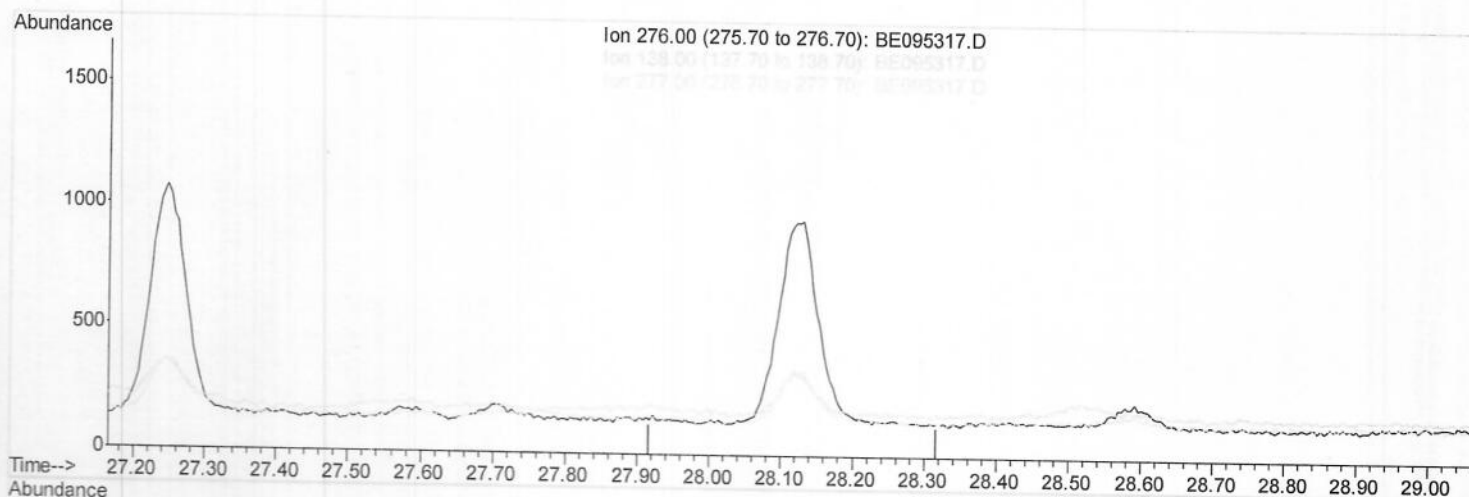
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
 Data File : BE095317.D  
 Acq On : 31 Jan 2018 14:59  
 Operator : SJ/JU  
 Sample : J1243-03  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
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Manual Integrations  
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Sohil  
 1/31/2018 8:29:17 PM

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 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene  
 28.117min (-28.117) 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  |

# Quantitation Report (Qedit)

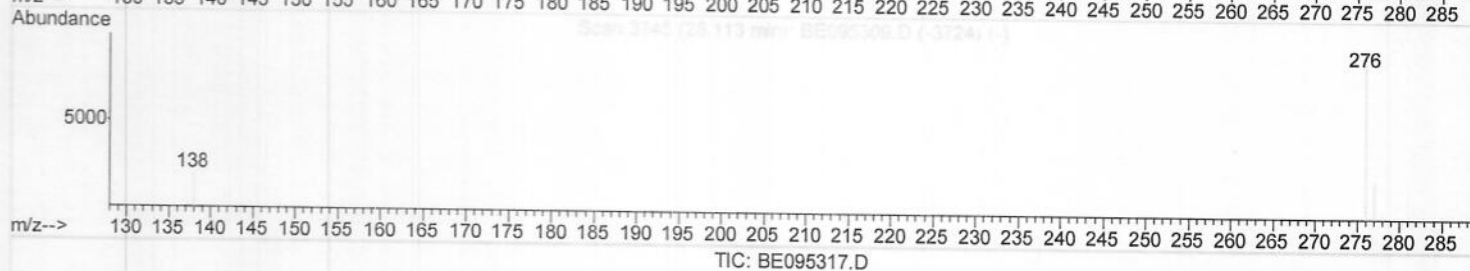
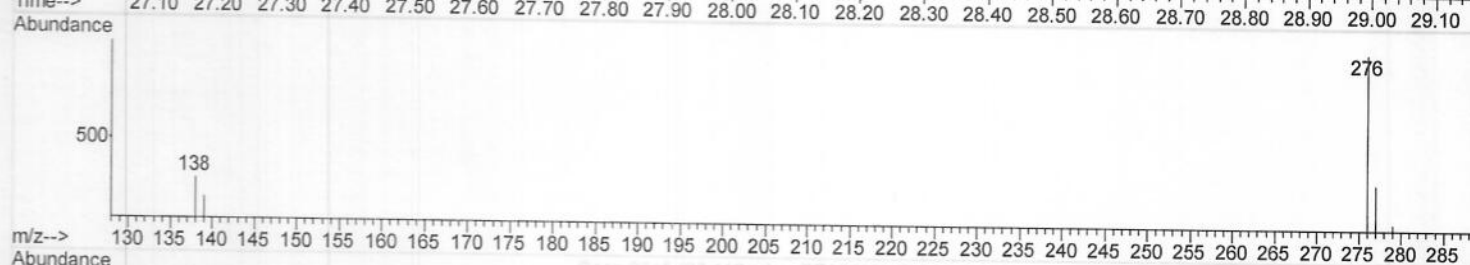
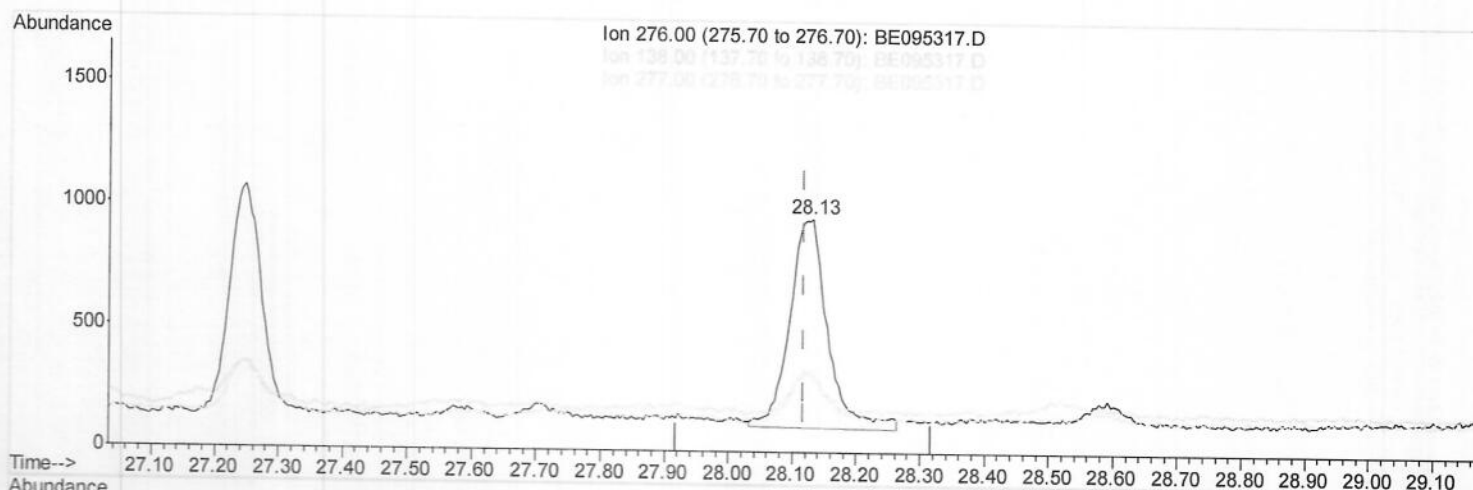
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\  
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 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene  
 28.131min (+0.014) 0.10ng/ul m  
 response 3529

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 27.30 | 33.26# |
| 277.00 | 25.60 | 35.56# |
| 0.00   | 0.00  | 0.00   |

JU  
 02/04/18



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 Data File : BE095317.D  
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 Sample : J1243-03  
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Instrument :  
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Sohil  
 1/31/2018 8:29:17 PM

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 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|---------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.44  | 152  | 2682     | 0.40    | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.26 | 136  | 8523     | 0.40    | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.02 | 164  | 5936     | 0.40    | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.71 | 188  | 11426m   | 0.40    | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.80 | 240  | 11377    | 0.40    | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.44 | 264  | 11816m   | 0.40    | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |         |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.81 | 152  | 3991     | 0.29    | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.70 | 212  | 10157    | 0.23    | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |         |        |          |
|                             |       |      |          |         | Ovalue |          |
| 3) Naphthalene              | 11.31 | 128  | 282356   | 11.831  | ng/ul# | 88       |
| 5) 2-Methylnaphthalene      | 12.89 | 142  | 116580   | 7.315   | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.74 | 152  | 2016     | 0.071   | ng/ul# | 74       |
| 8) Acenaphthene             | 15.08 | 153  | 57873    | 2.612   | ng/ul  | 93       |
| 9) Fluorene                 | 16.02 | 166  | 50505    | 2.210   | ng/ul# | 73       |
| 11) Pentachlorophenol       | 17.36 | 266  | 274275   | 123.934 | ng/ul# | 56       |
| 12) Phenanthrene            | 17.75 | 178  | 241644   | 6.288   | ng/ul# | 85       |
| 13) Anthracene              | 17.84 | 178  | 41988    | 1.194   | ng/ul# | 91       |
| 15) Fluoranthene            | 19.72 | 202  | 131601   | 2.645   | ng/ul  | 84       |
| 17) Pyrene                  | 20.08 | 202  | 90462    | 2.370   | ng/ul# | 78       |
| 18) Benzo(a)anthracene      | 21.79 | 228  | 19210    | 0.540   | ng/ul# | 87       |
| 19) Chrysene                | 21.84 | 228  | 15514    | 0.420   | ng/ul  | 94       |
| 21) Benzo(b)fluoranthene    | 23.63 | 252  | 15250m   | 0.366   | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.67 | 252  | 3681m    | 0.097   | ng/ul  |          |
| 23) Benzo(a)pyrene          | 24.32 | 252  | 5529m    | 0.149   | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 27.25 | 276  | 3421m    | 0.084   | ng/ul  |          |
| 26) Benzo(a,h,i)perylene    | 28.13 | 276  | 3529m    | 0.102   | ng/ul  |          |

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

JU  
 02/04/18