

# Quantitation Report (QT Reviewed)

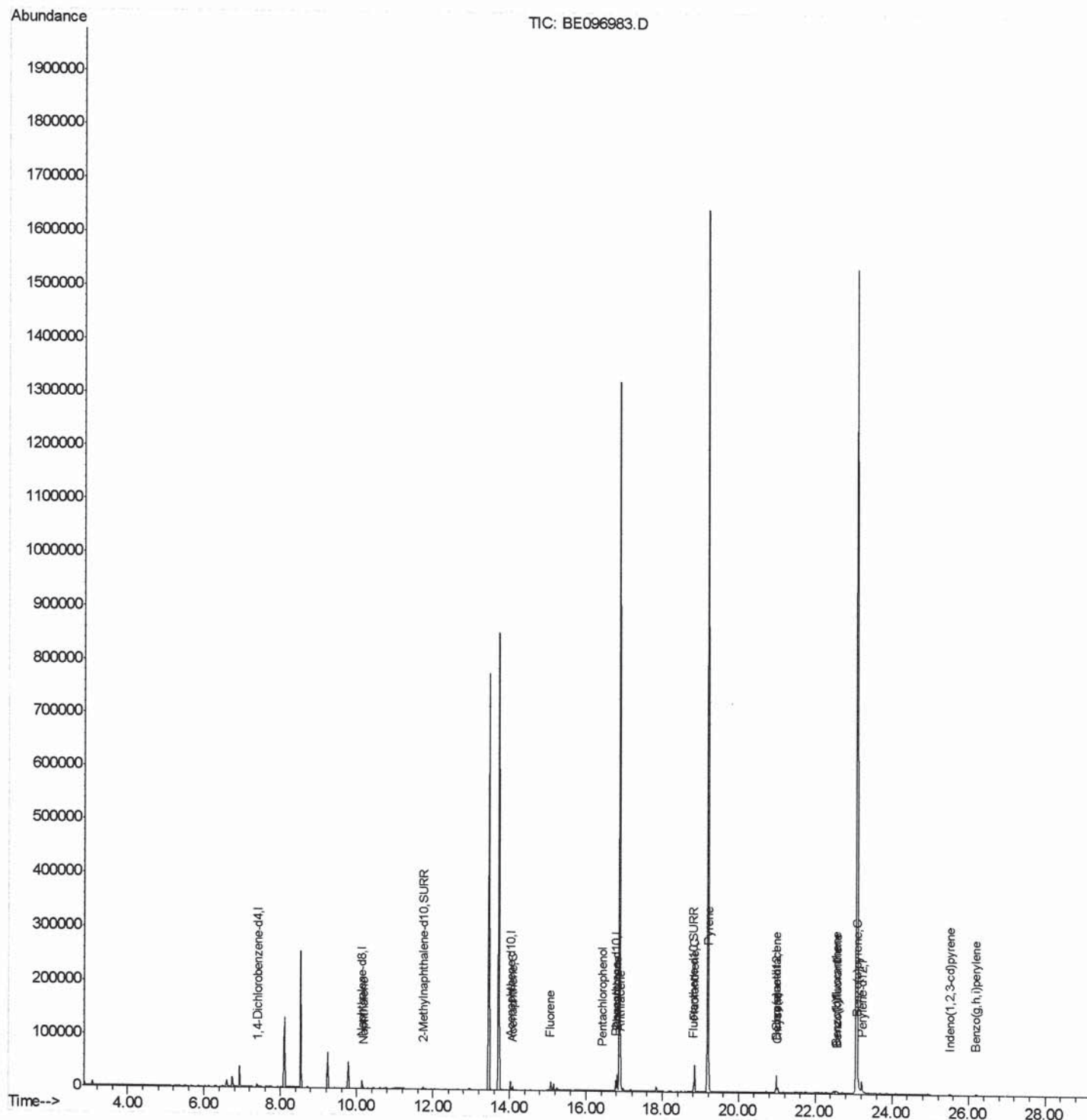
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
 Data File : BE096983.D  
 Acq On : 18 Jul 2018 7:05  
 Operator : SJ/JU  
 Sample : J3967-19  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 DB1F9

Manual Integrations  
 APPROVED

Sohil  
 7/18/2018 10:50:06 AM

Quant Time: Jul 18 08:05:52 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 18 07:15:45 2018  
 Response via : Initial Calibration



## Quantitation Report (Qedit)

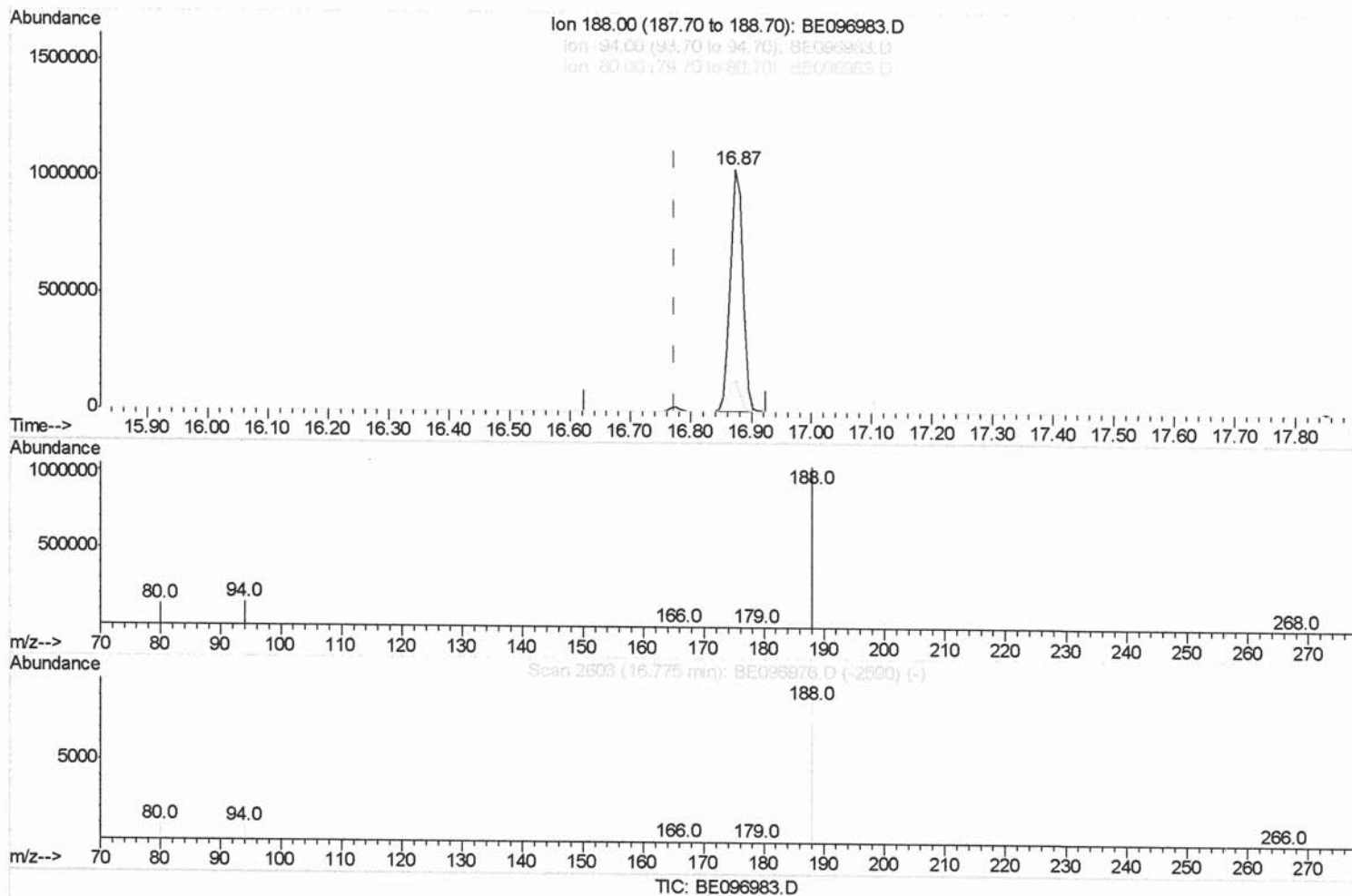
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
Data File : BE096983.D  
Acq On : 18 Jul 2018 7:05  
Operator : SJ/JU  
Sample : J3967-19  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
DB1F9

Manual Integrations  
APPROVED

Sohil  
7/18/2018 10:50:06 AM

Quant Time: Jul 18 07:58:55 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 18 07:15:45 2018  
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.874min (+0.099) 0.40ng/ui

response 1489875

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.00 | 14.17# |
| 80.00  | 11.80 | 13.01  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

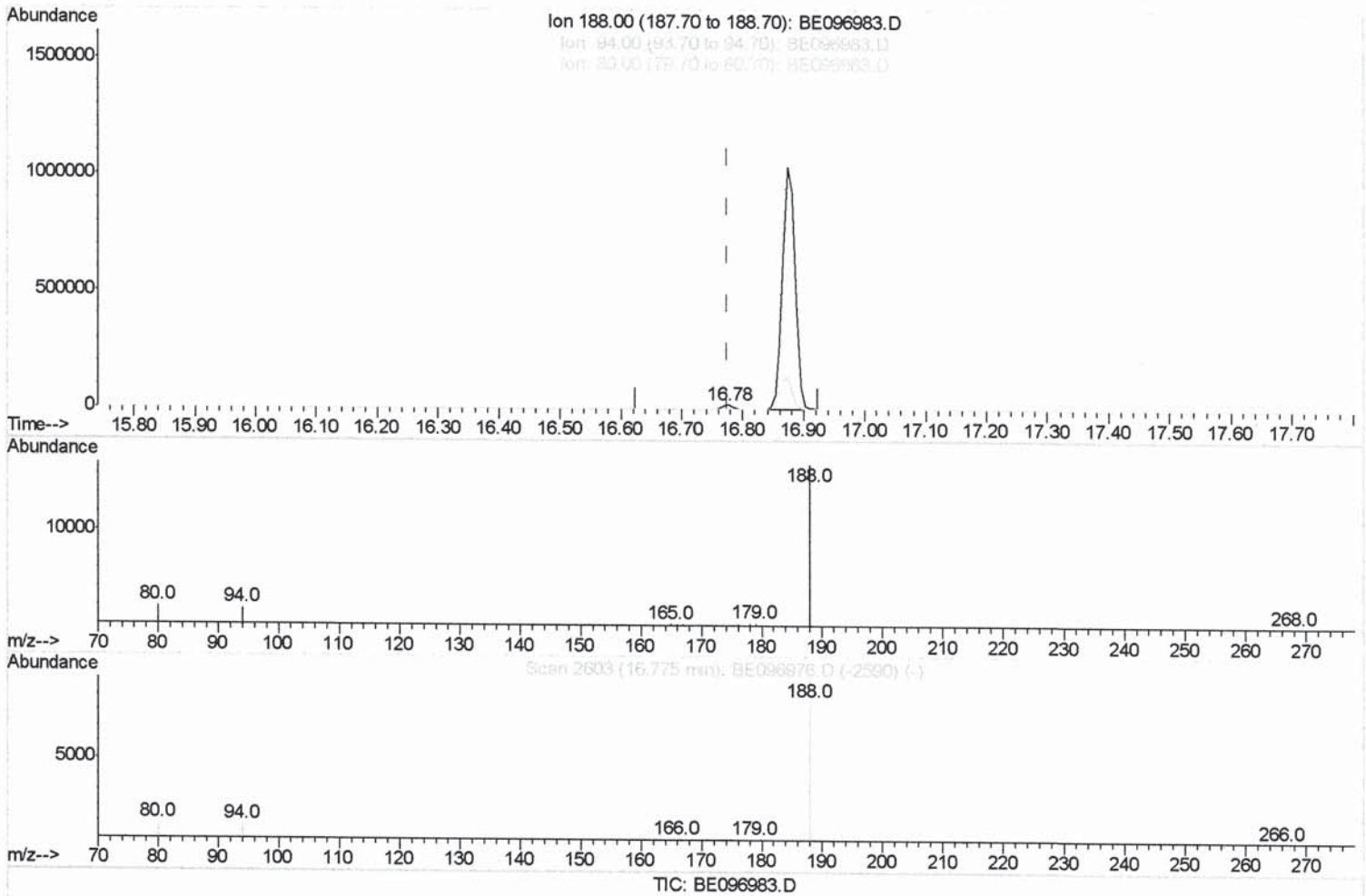
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
 Data File : BE096983.D  
 Acq On : 18 Jul 2018 7:05  
 Operator : SJ/JU  
 Sample : J3967-19  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 DB1F9

Manual Integrations  
 APPROVED

Sohil  
 7/18/2018 10:50:06 AM

Quant Time: Jul 18 07:58:55 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.775min (+0.000) 0.40ng/ul m

*SJ 7/19/18*

response 23816

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 10.20 |
| 80.00  | 11.80 | 11.56 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

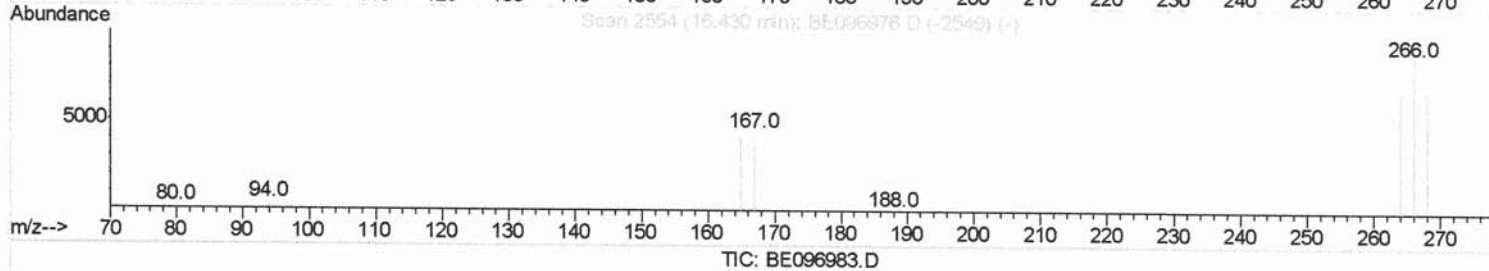
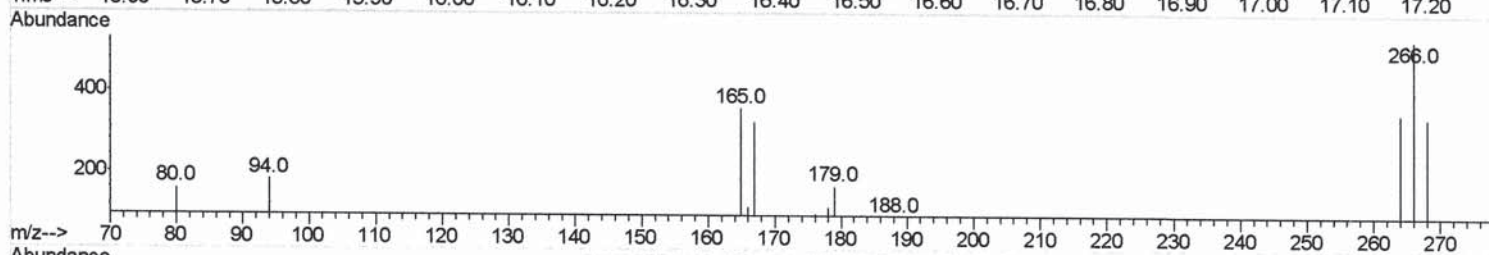
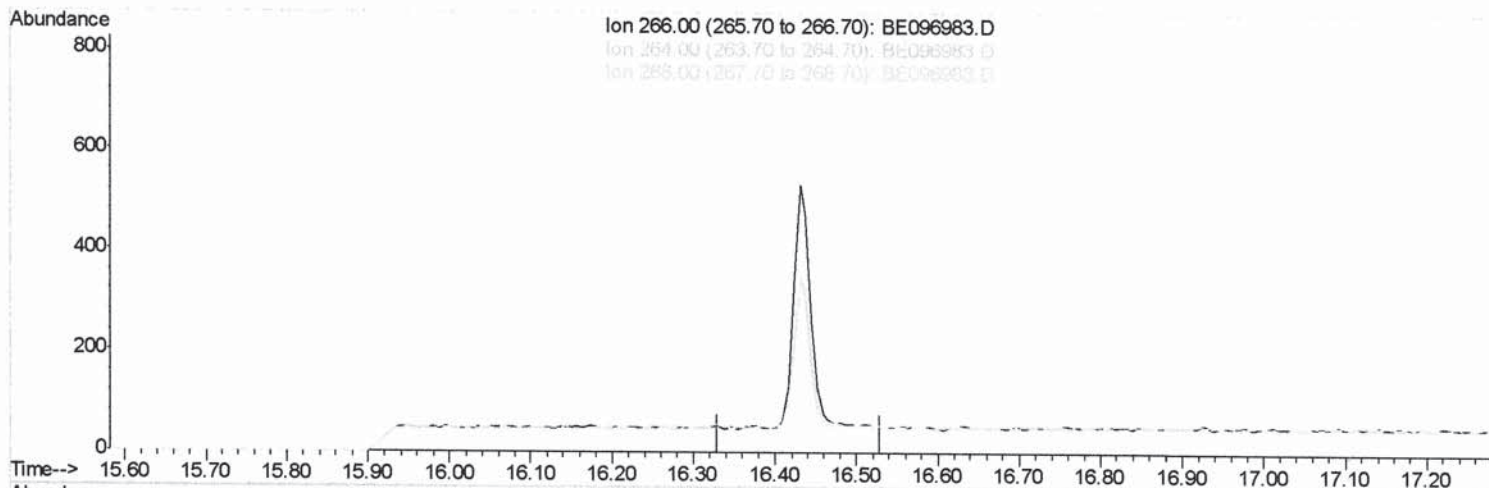
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
 Data File : BE096983.D  
 Acq On : 18 Jul 2018 7:05  
 Operator : SJ/JU  
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(11) Pentachlorophenol

16.430min (-16.430) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 266.00 | 100   | 0.00  |
| 264.00 | 59.90 | 0.00# |
| 268.00 | 62.30 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

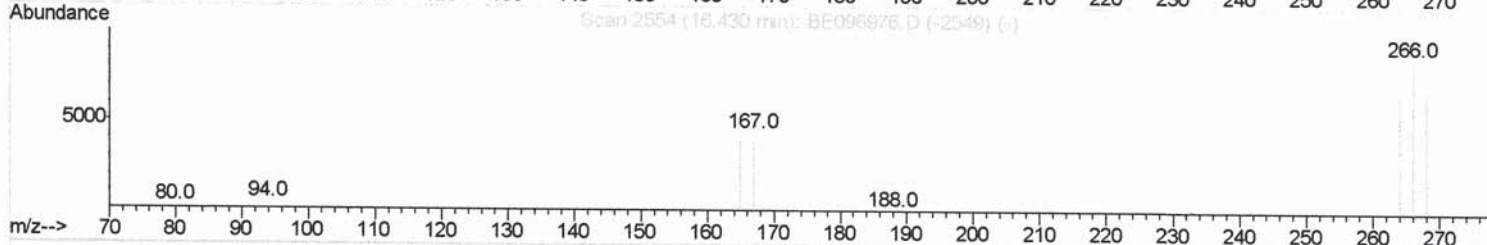
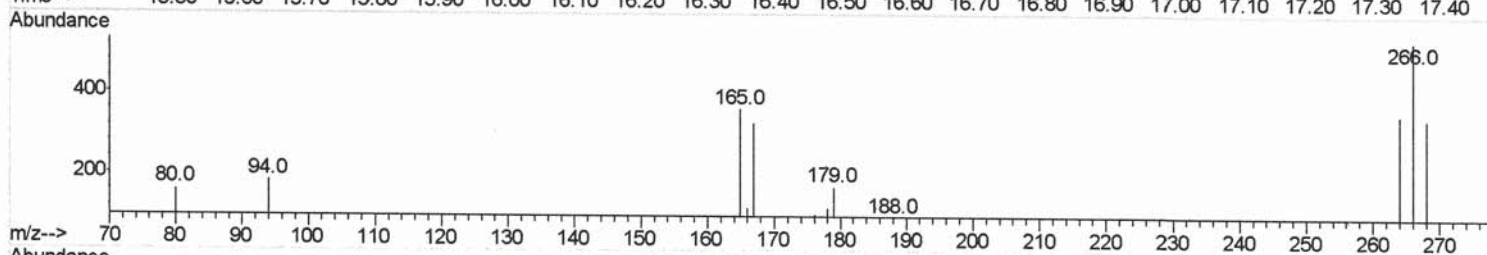
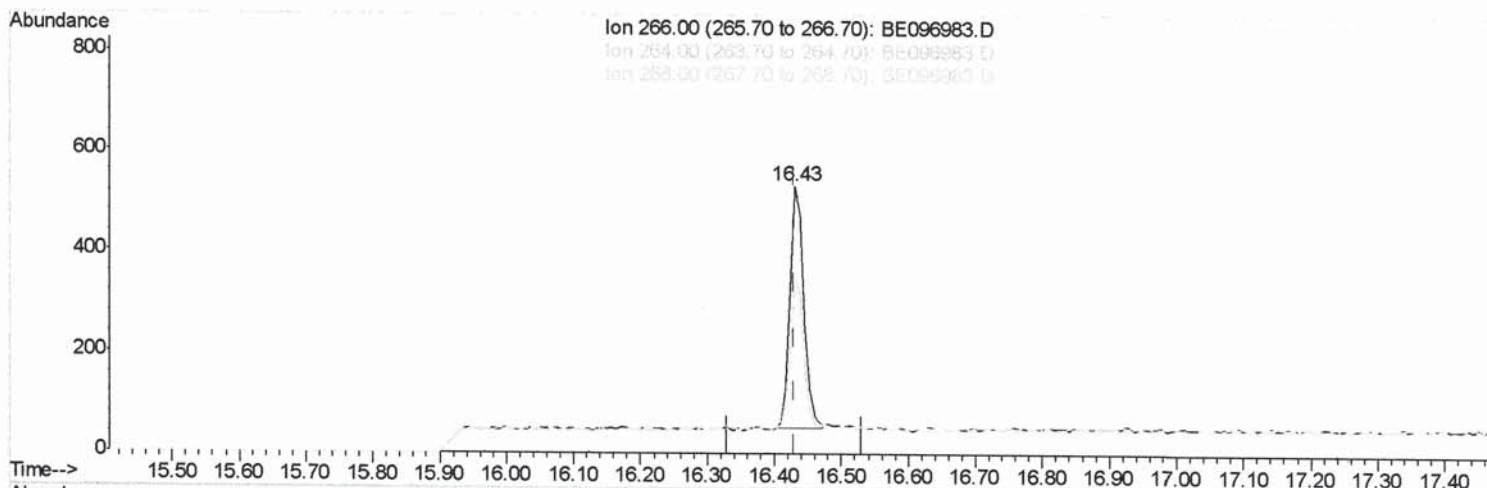
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
 Data File : BE096983.D  
 Acq On : 18 Jul 2018 7:05  
 Operator : SJ/JU  
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Manual Integrations  
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TIC: BE096983.D

(11) Pentachlorophenol

16.430min (+0.000) 0.25ng/ul m

*SJ 7/19/18*

response 685

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 266.00 | 100   | 100   |
| 264.00 | 59.90 | 0.00# |
| 268.00 | 62.30 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

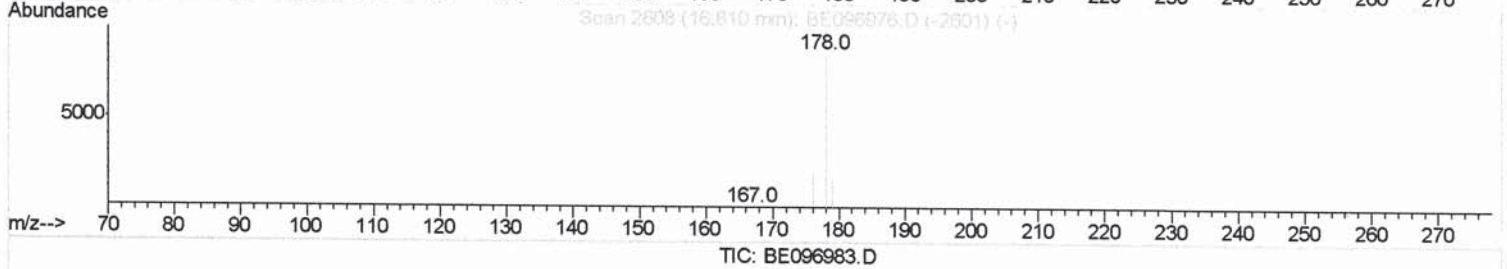
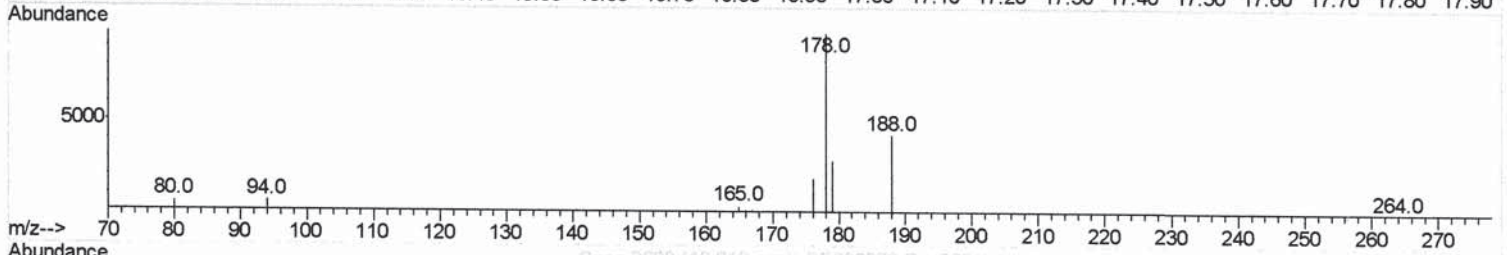
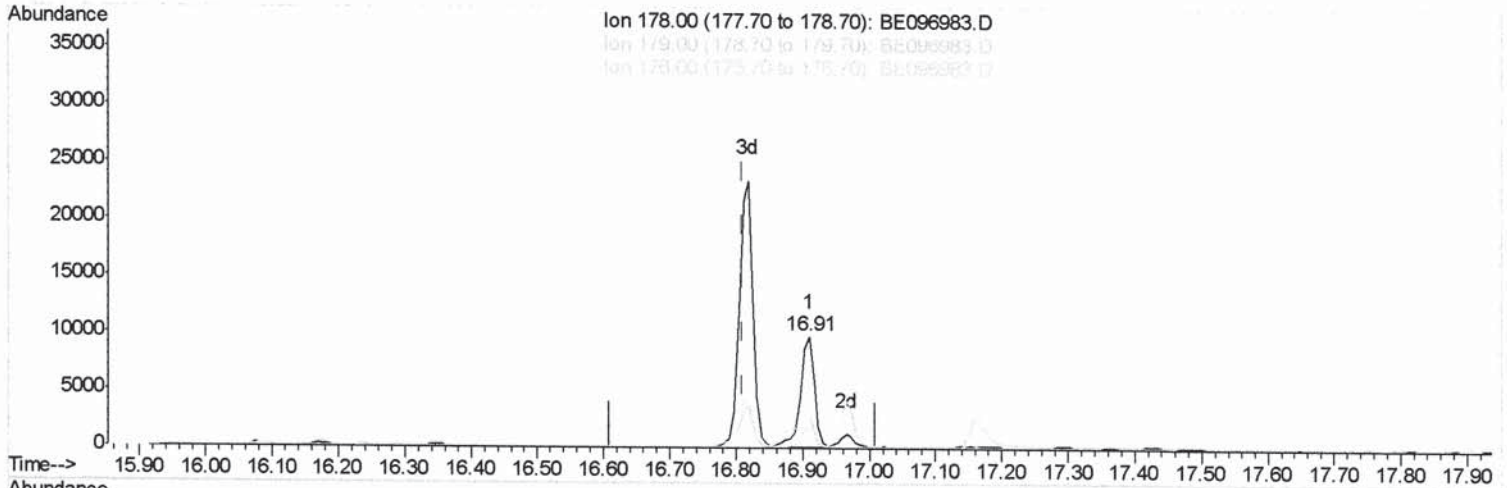
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
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(12) Phenanthrene

16.909min (+0.099) 0.22ng/ul

response 13964

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 29.32# |
| 176.00 | 17.00 | 18.68  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

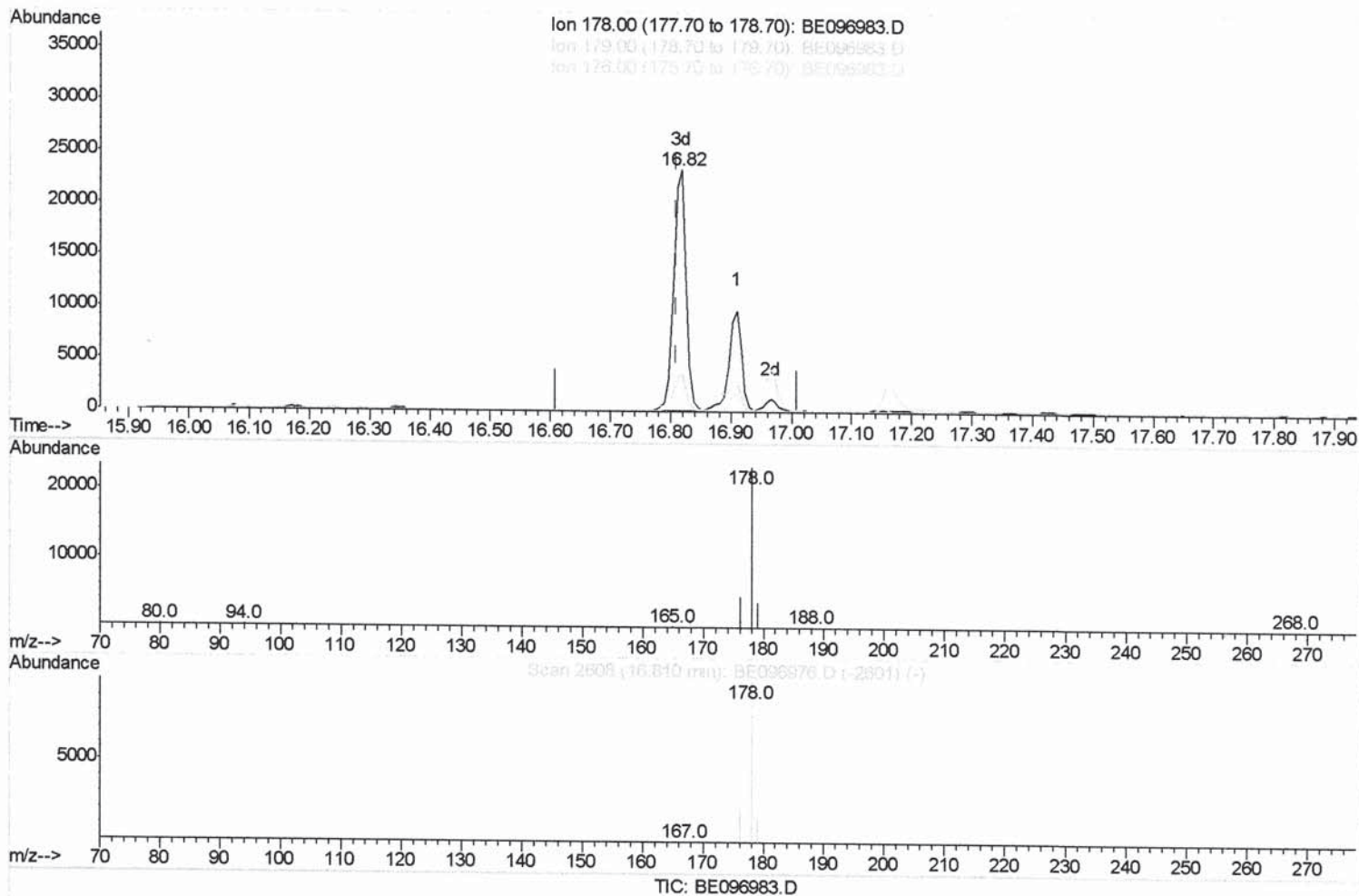
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
 Data File : BE096983.D  
 Acq On : 18 Jul 2018 7:05  
 Operator : SJ/JU  
 Sample : J3967-19  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 DB1F9

Manual Integrations  
 APPROVED

Sohil  
 7/18/2018 10:50:06 AM

Quant Time: Jul 18 07:58:55 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 18 07:15:45 2018  
 Response via : Initial Calibration



(12) Phenanthrene

16.818min (+0.007) 0.54ng/ul m

*SJ 7/19/18*

response 33665

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 15.93# |
| 176.00 | 17.00 | 19.43  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

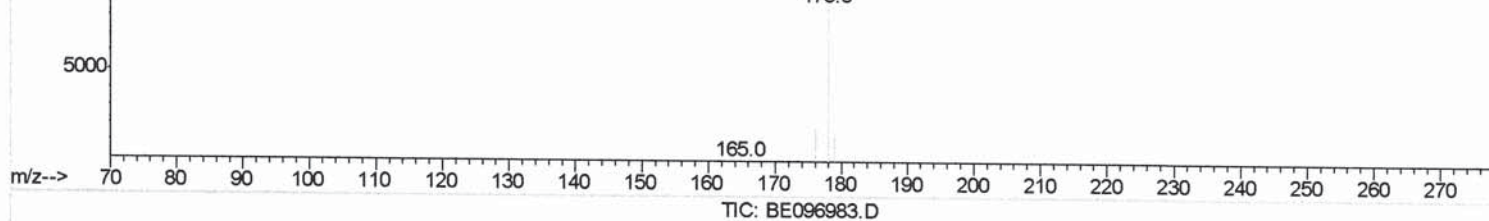
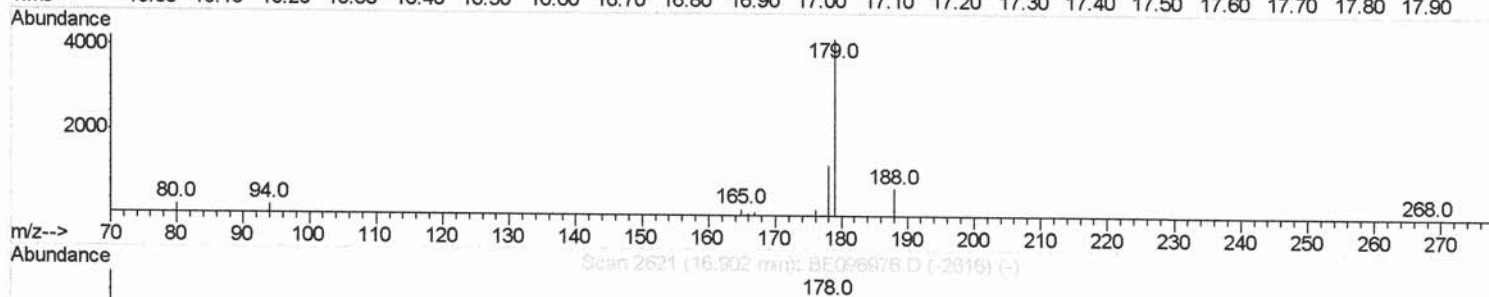
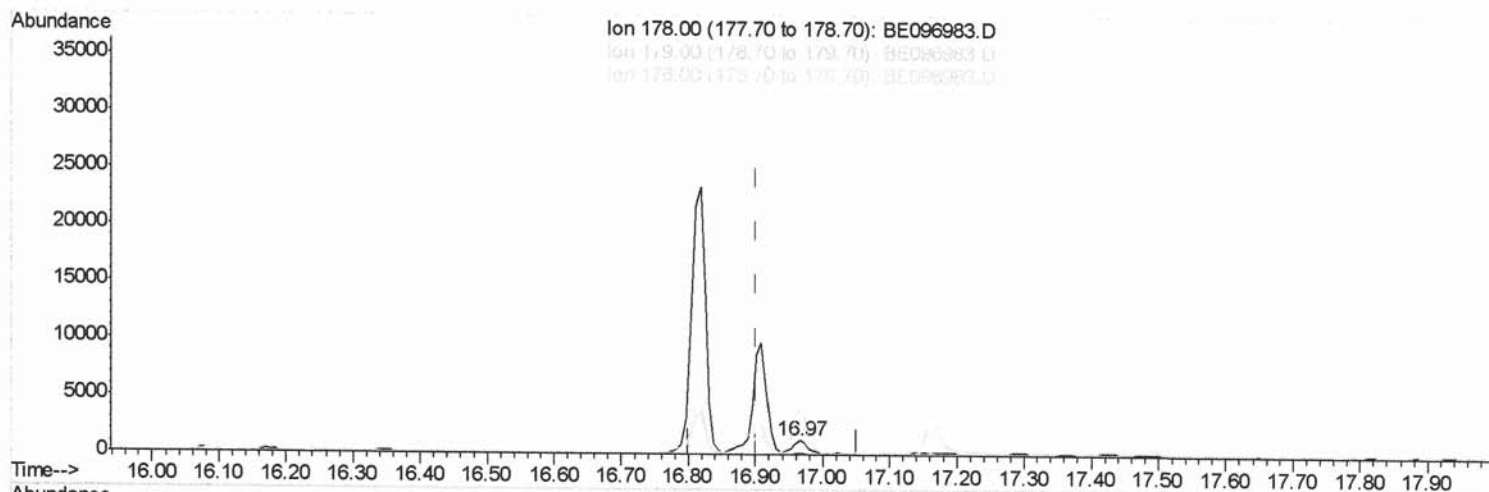
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
Data File : BE096983.D  
Acq On : 18 Jul 2018 7:05  
Operator : SJ/JU  
Sample : J3967-19  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
DB1F9

Manual Integrations  
APPROVED

Sohil  
7/18/2018 10:50:06 AM

Quant Time: Jul 18 07:58:55 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 18 07:15:45 2018  
Response via : Initial Calibration



(13) Anthracene

16.965min (+0.063) 0.03ng/ul

response 1600

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 179.00 | 22.60 | 335.39# |
| 176.00 | 18.40 | 15.93   |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

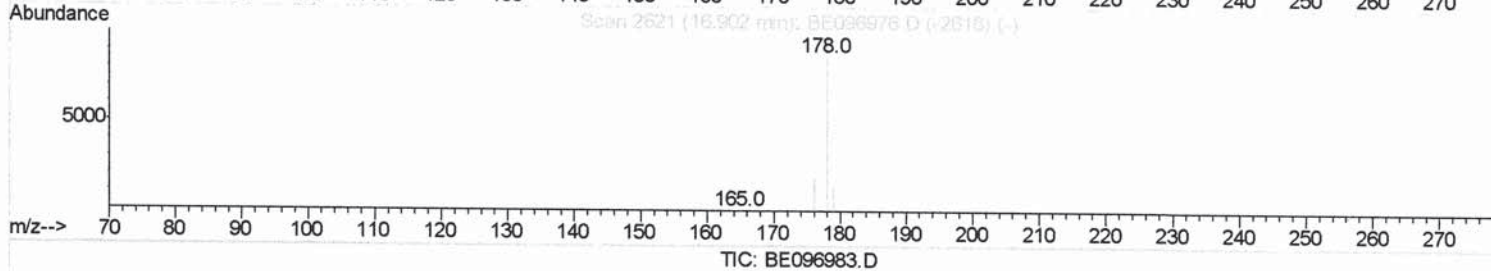
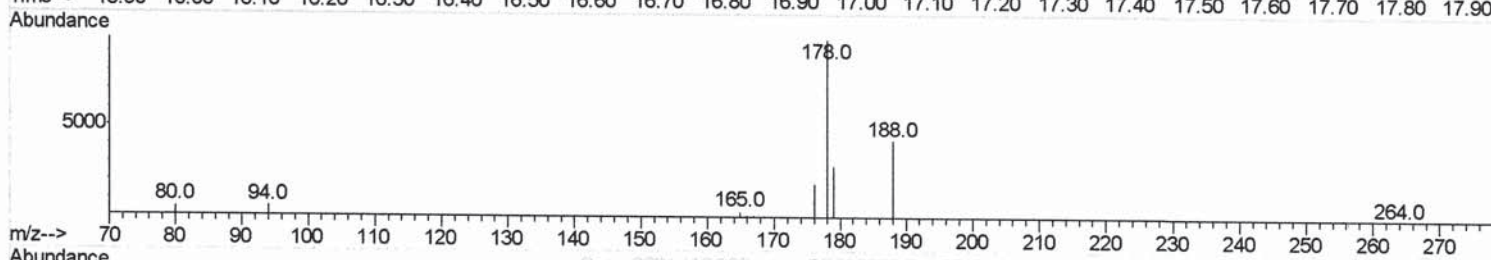
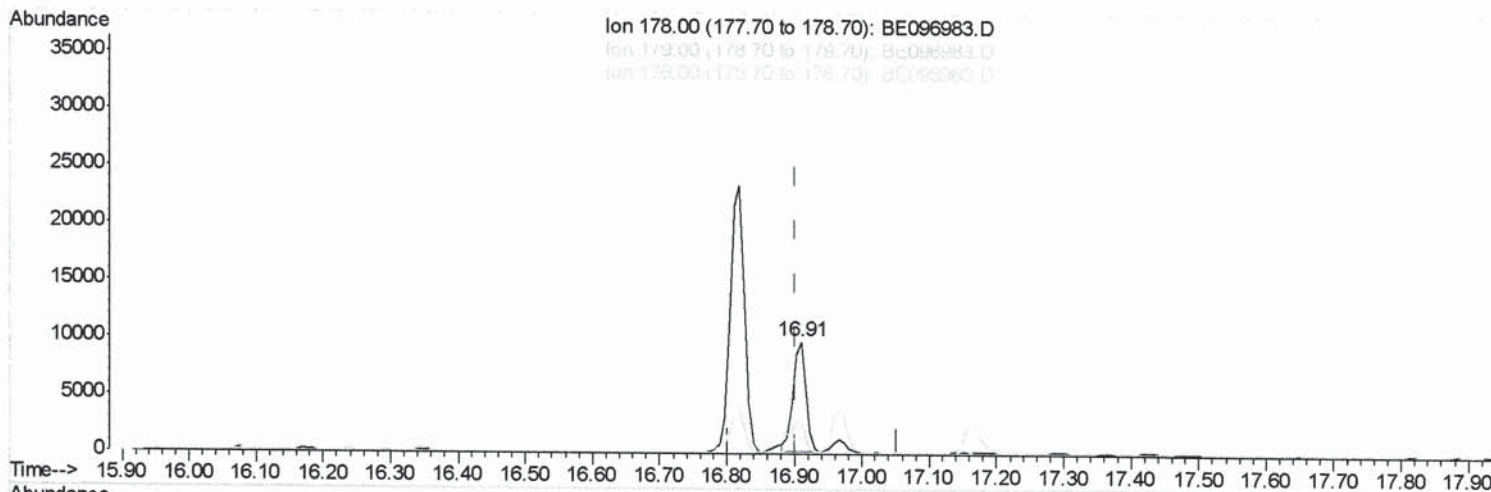
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
 Data File : BE096983.D  
 Acq On : 18 Jul 2018 7:05  
 Operator : SJ/JU  
 Sample : J3967-19  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 DB1F9

Manual Integrations  
 APPROVED

Sohil  
 7/18/2018 10:50:06 AM

Quant Time: Jul 18 07:58:55 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 18 07:15:45 2018  
 Response via : Initial Calibration



(13) Anthracene

16.909min (+0.007) 0.24ng/ul m SJ 7/19/18

response 12933

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 22.60 | 29.32# |
| 176.00 | 18.40 | 18.68  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

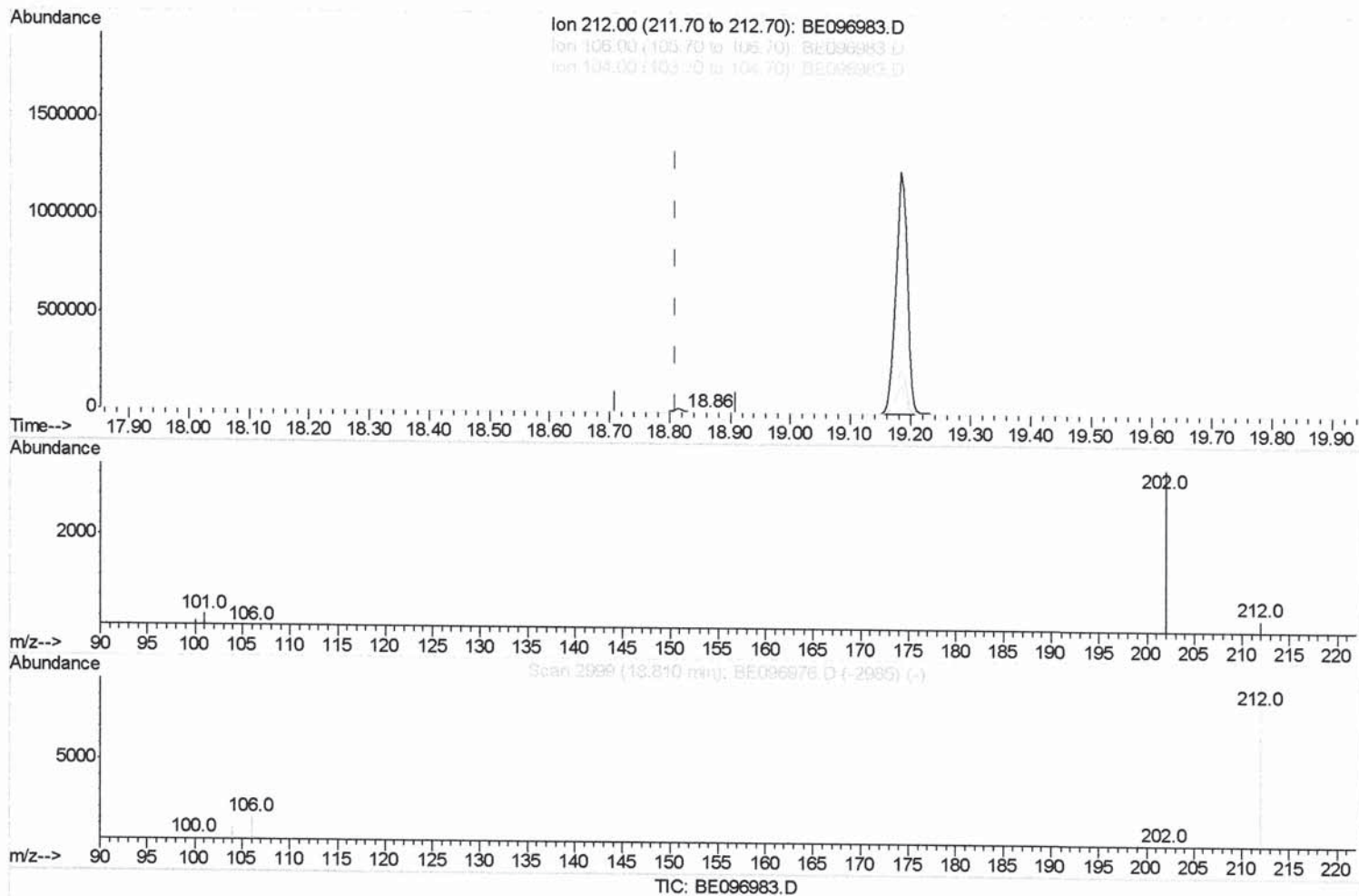
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
Data File : BE096983.D  
Acq On : 18 Jul 2018 7:05  
Operator : SJ/JU  
Sample : J3967-19  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
DB1F9

Manual Integrations  
APPROVED

Sohil  
7/18/2018 10:50:06 AM

Quant Time: Jul 18 07:58:55 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
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QLast Update : Wed Jul 18 07:15:45 2018  
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

18.864min (+0.054) 0.01ng/ul

response 466

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 18.30 | 0.00# |
| 104.00 | 15.60 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

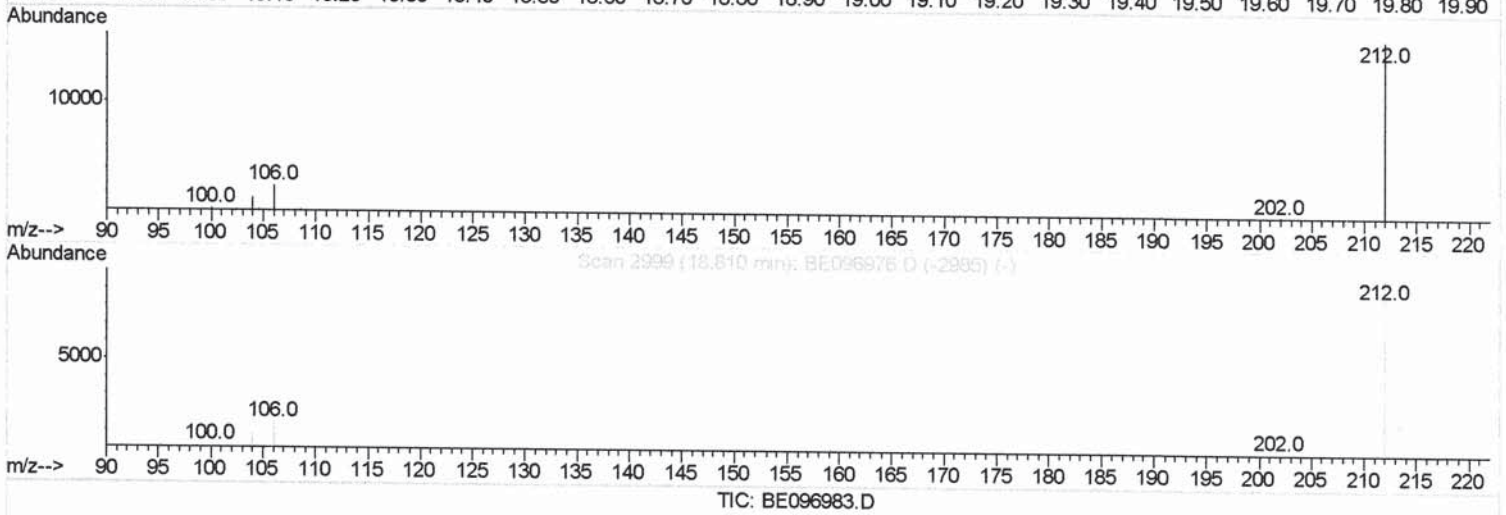
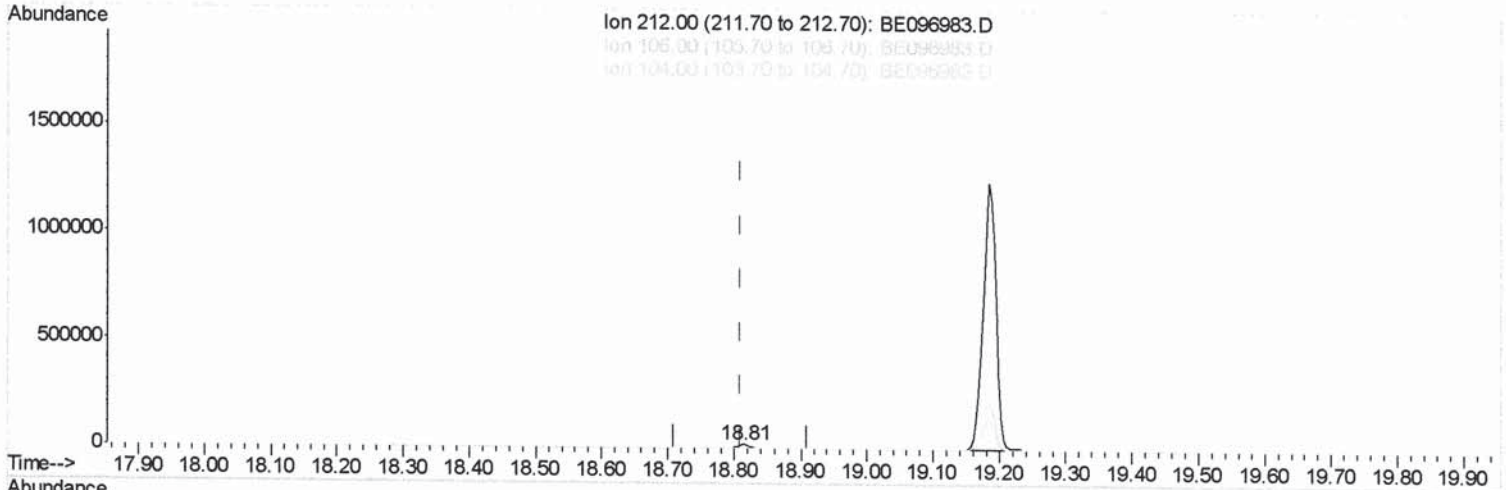
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
 Data File : BE096983.D  
 Acq On : 18 Jul 2018 7:05  
 Operator : SJ/JU  
 Sample : J3967-19  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 DB1F9

Manual Integrations  
 APPROVED

Sohil  
 7/18/2018 10:50:06 AM

Quant Time: Jul 18 07:58:55 2018  
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 QLast Update : Wed Jul 18 07:15:45 2018  
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

18.814min (+0.004) 0.30ng/ul m

*SJ 7/19/18*

response 21623

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 100   |
| 106.00 | 18.30 | 0.00# |
| 104.00 | 15.60 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

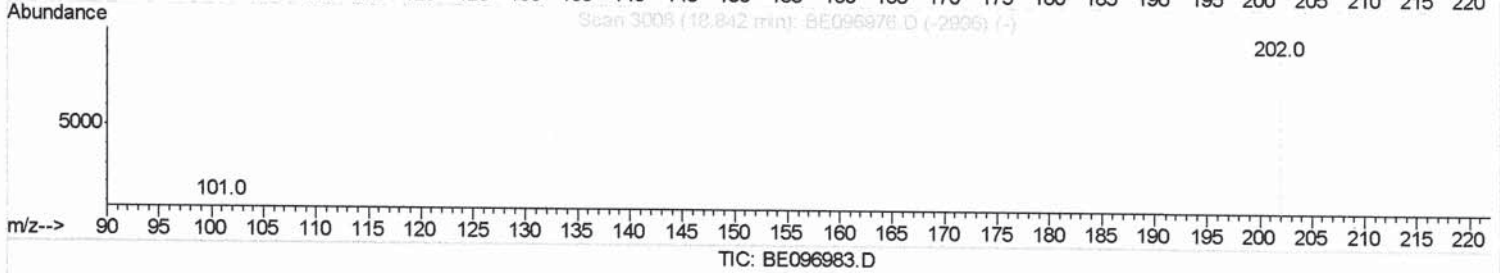
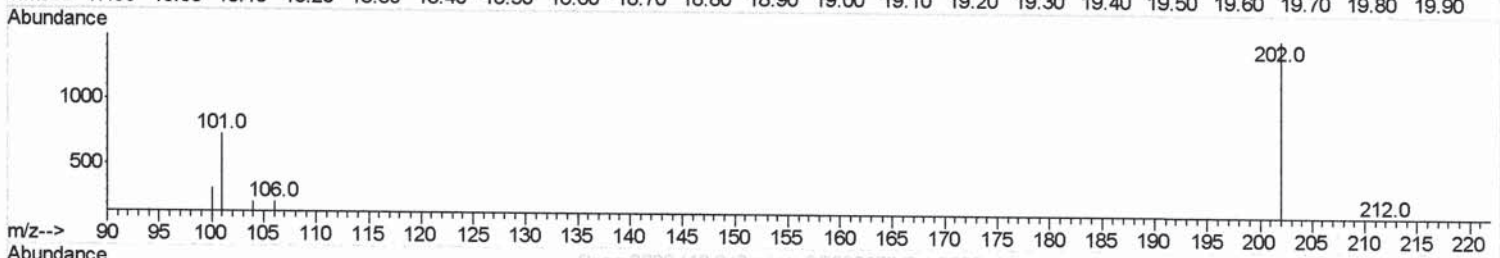
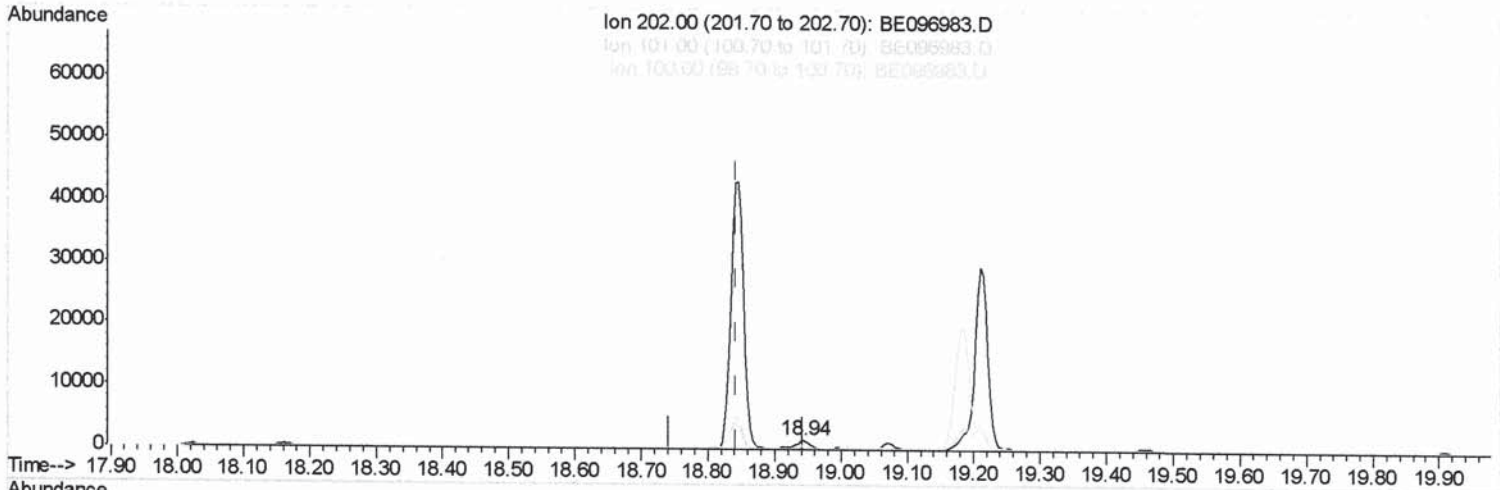
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
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Manual Integrations  
 APPROVED

Sohil  
 7/18/2018 10:50:06 AM

Quant Time: Jul 18 08:02:53 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
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 Response via : Initial Calibration



(15) Fluoranthene (C)

18.942min (+0.100) 0.02ng/ul

response 1729

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 202.00 | 100   | 100    |
| 101.00 | 10.30 | 48.96# |
| 100.00 | 19.50 | 21.19  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

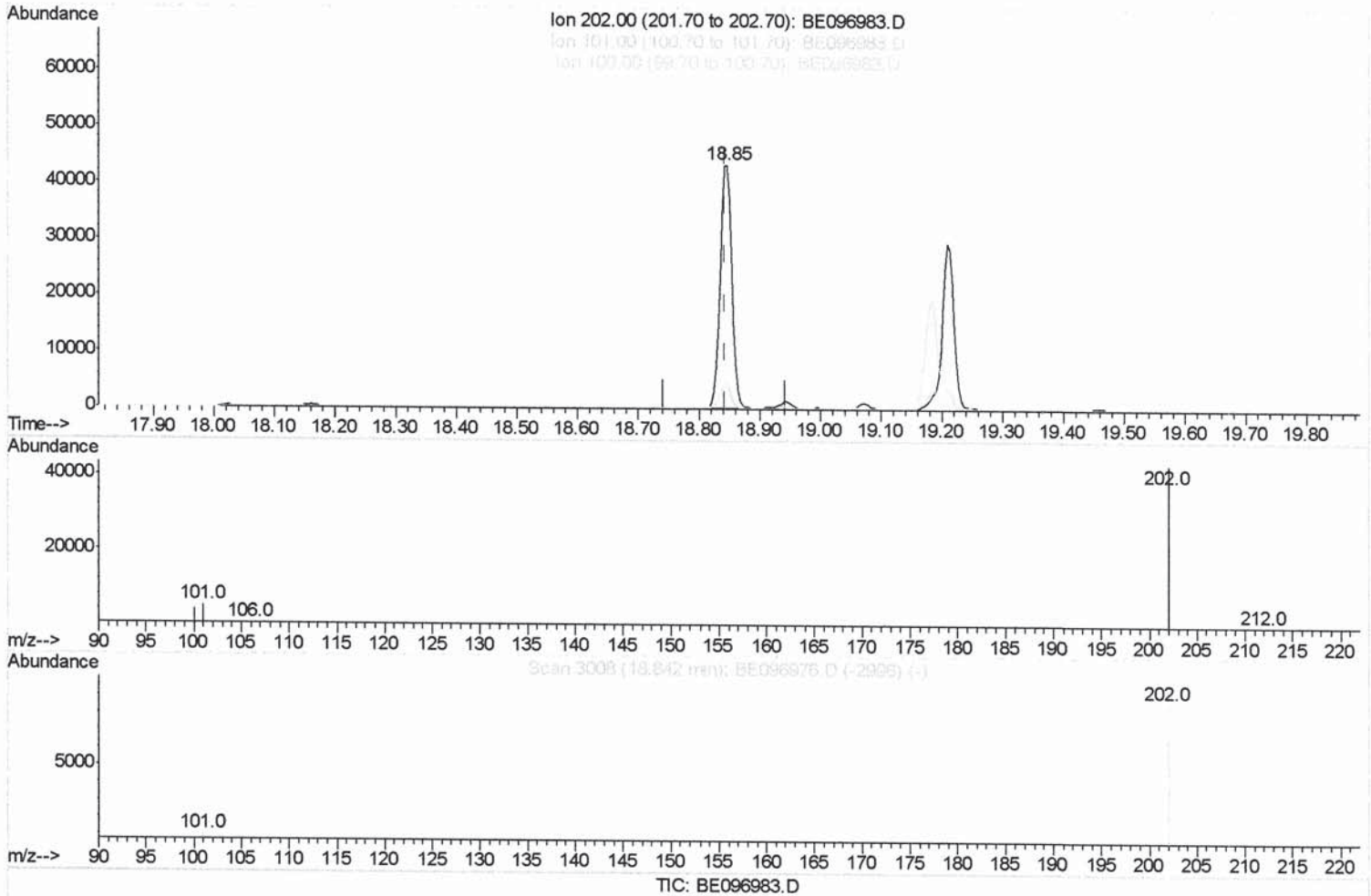
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
 Data File : BE096983.D  
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 7/18/2018 10:50:06 AM

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(15) Fluoranthene (C)

18.846min (+0.004) 0.68ng/ul m

SJ 7/19/18

response 56123

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.30 | 11.46 |
| 100.00 | 19.50 | 9.05  |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

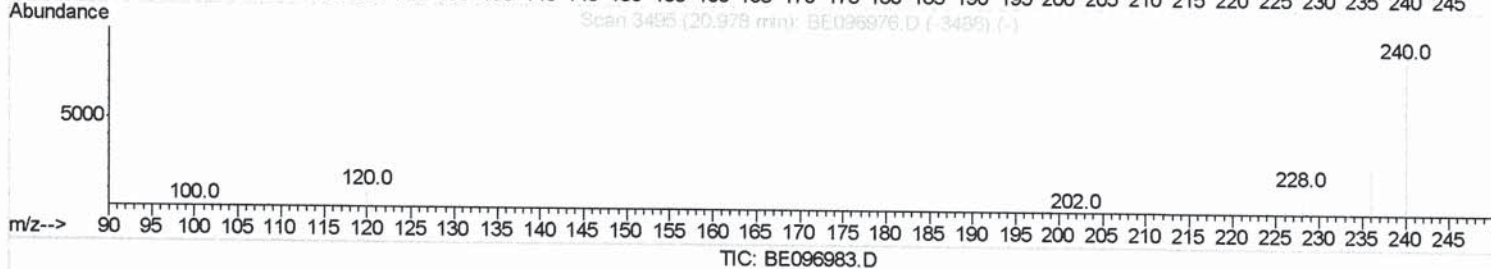
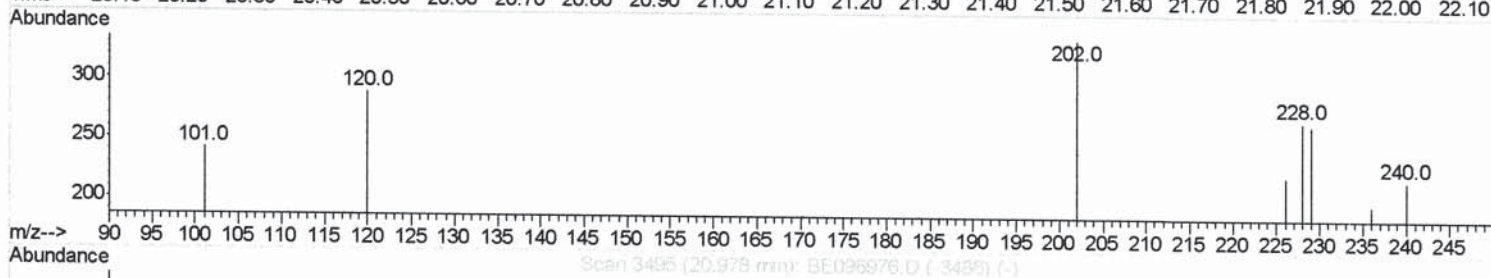
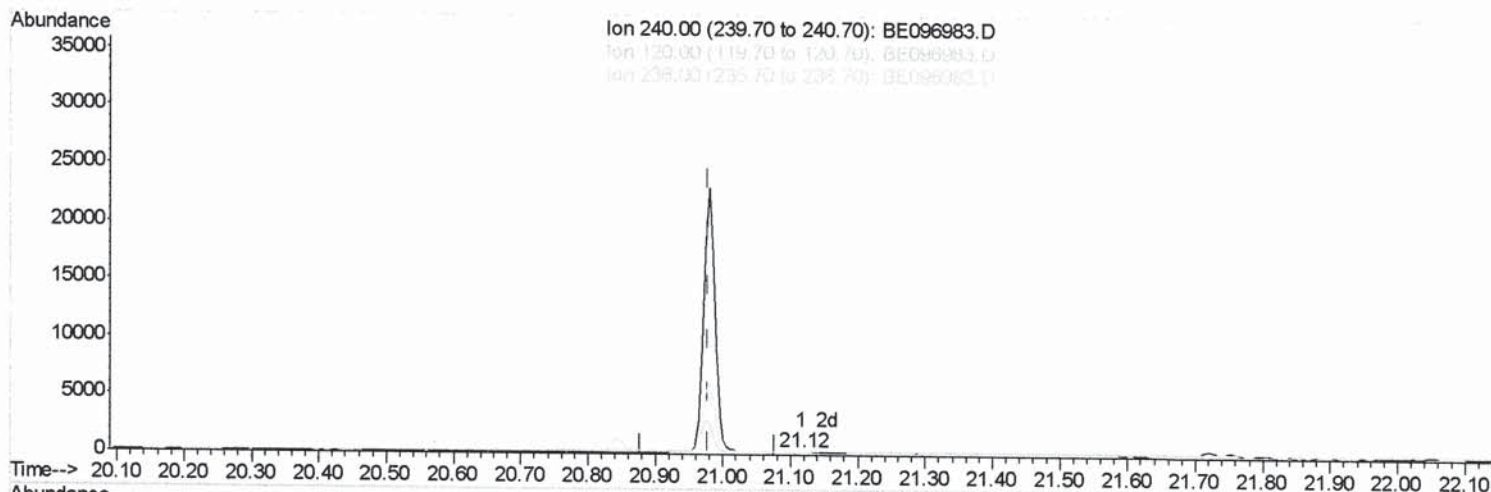
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(16) Chrysene-d12 (I)

21.117min (+0.139) 0.40ng/ul

response 40

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 240.00 | 100   | 100     |
| 120.00 | 20.60 | 131.96# |
| 236.00 | 34.90 | 90.41#  |
| 0.00   | 0.00  | 0.00    |

## Quantitation Report (Qedit)

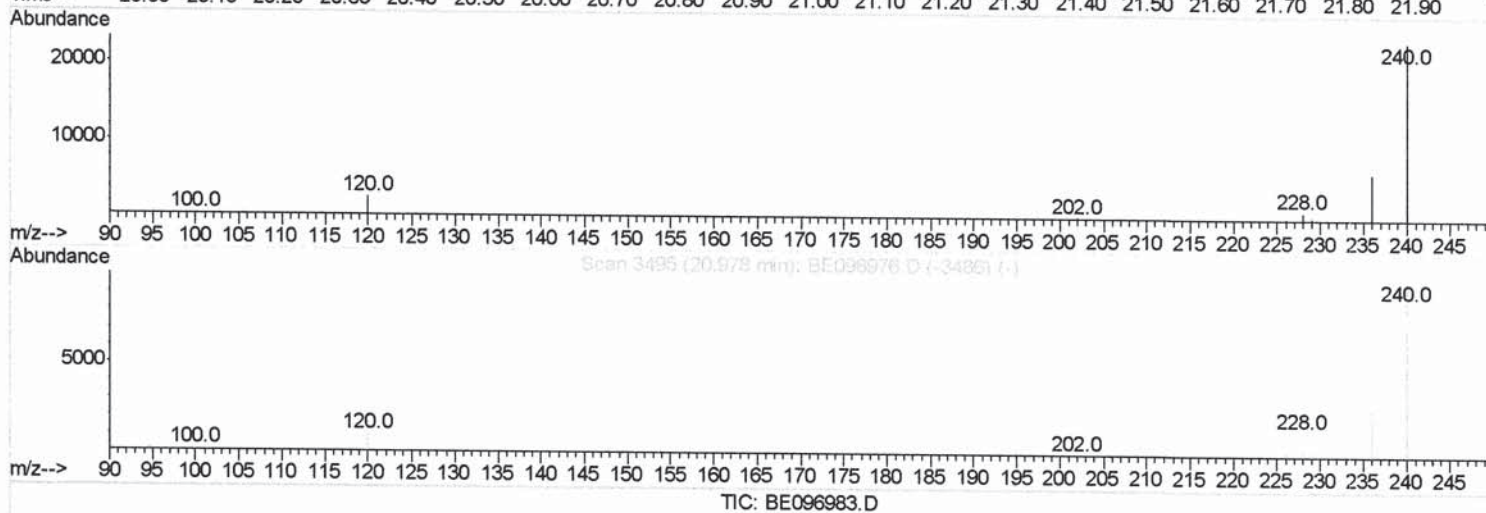
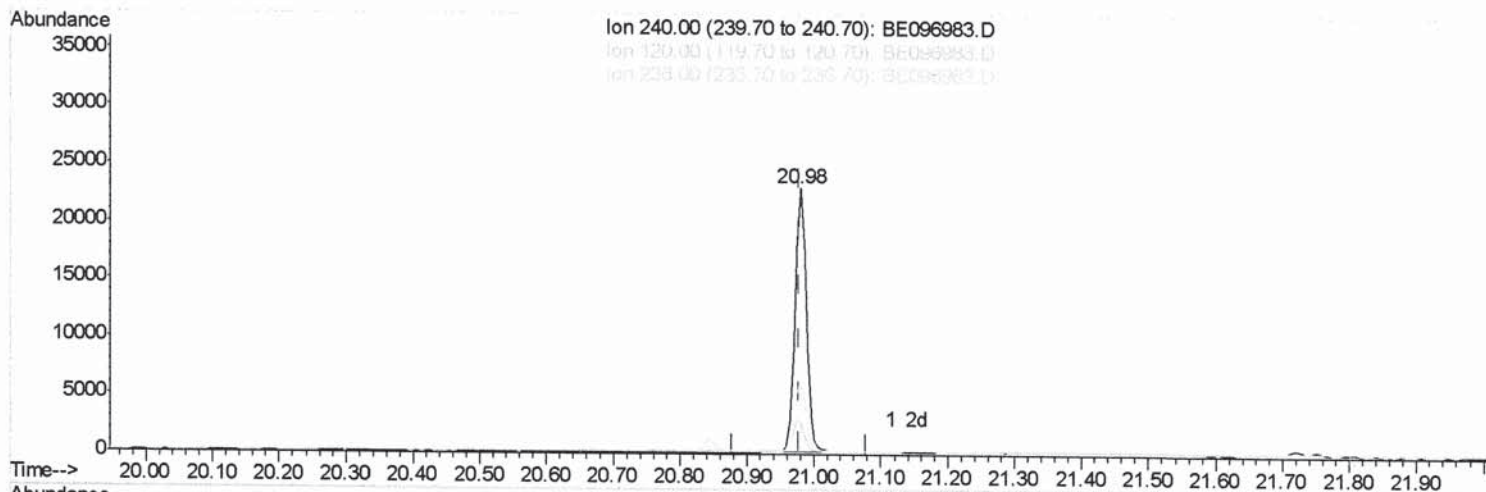
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
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7/18/2018 10:50:06 AM

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Response via : Initial Calibration



(16) Chrysene-d12 (I)

20.979min (+0.001) 0.40ng/ul m

SJ 7/19/18

response 26793

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.60 | 11.85# |
| 236.00 | 34.90 | 27.34# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

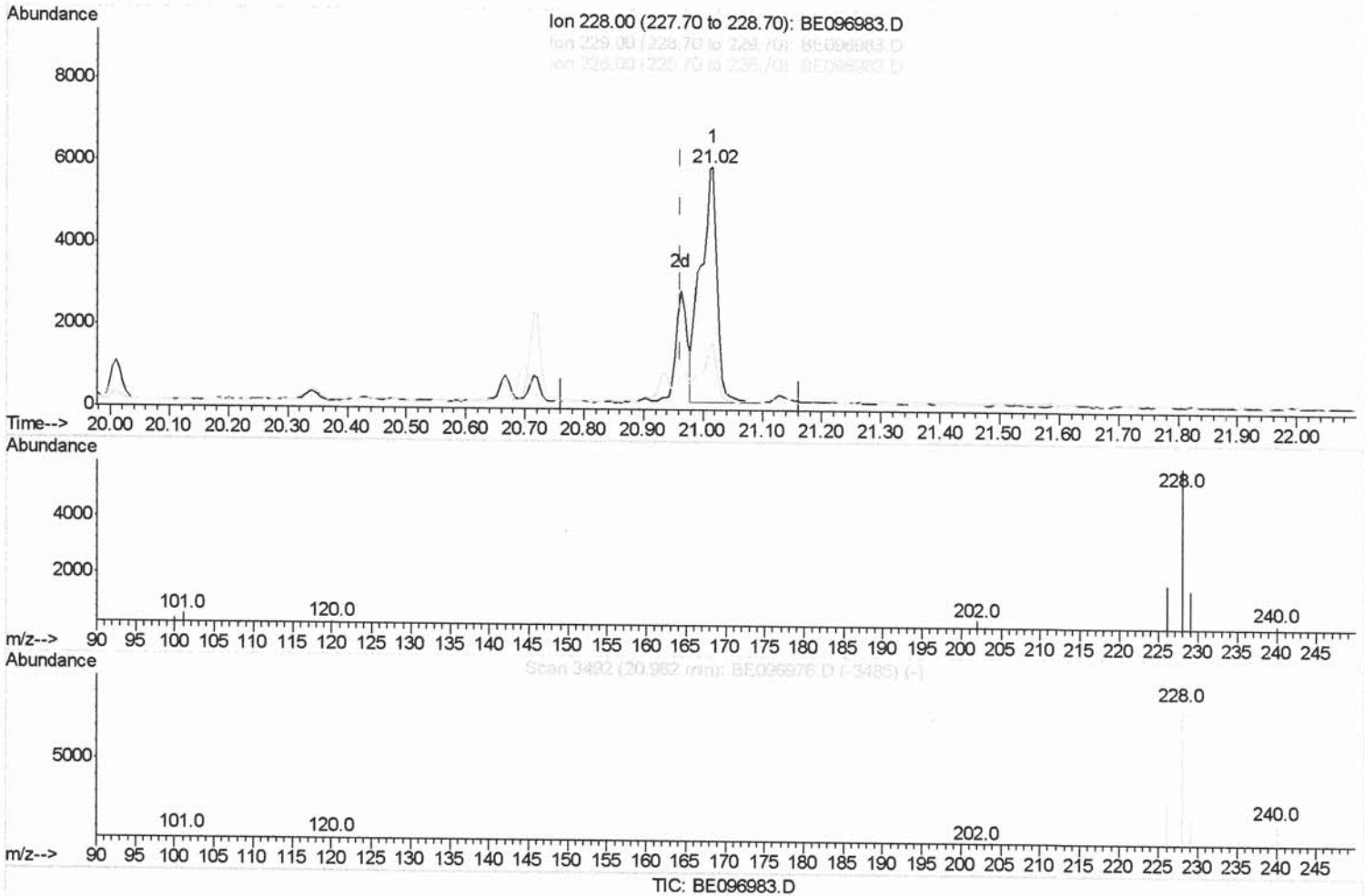
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
 Data File : BE096983.D  
 Acq On : 18 Jul 2018 7:05  
 Operator : SJ/JU  
 Sample : J3967-19  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 DB1F9

Manual Integrations  
 APPROVED

Sohil  
 7/18/2018 10:50:06 AM

Quant Time: Jul 18 08:03:46 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 18 07:15:45 2018  
 Response via : Initial Calibration



(18) Benzo(a)anthracene  
 21.016min (+0.054) 0.15ng/ul  
 response 10920  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 28.50 | 27.09  |
| 226.00 | 21.30 | 30.56# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

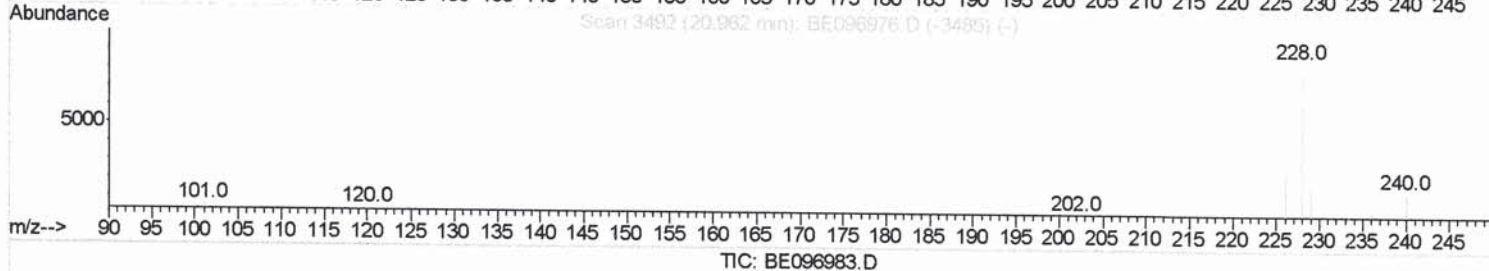
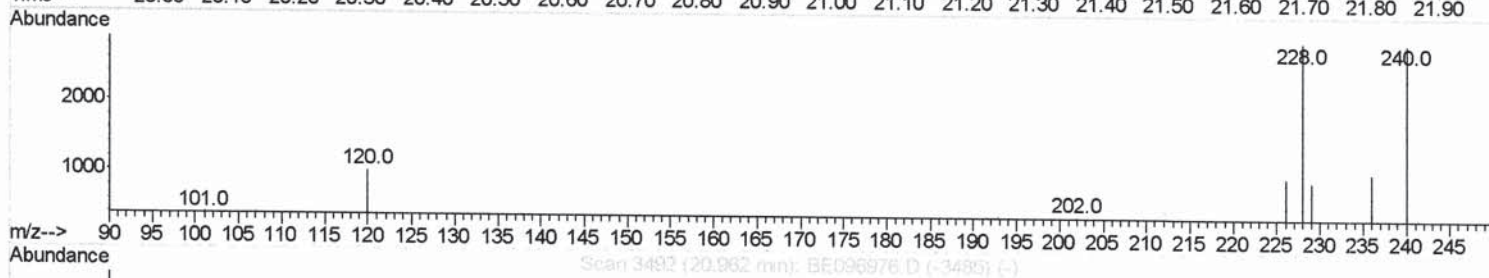
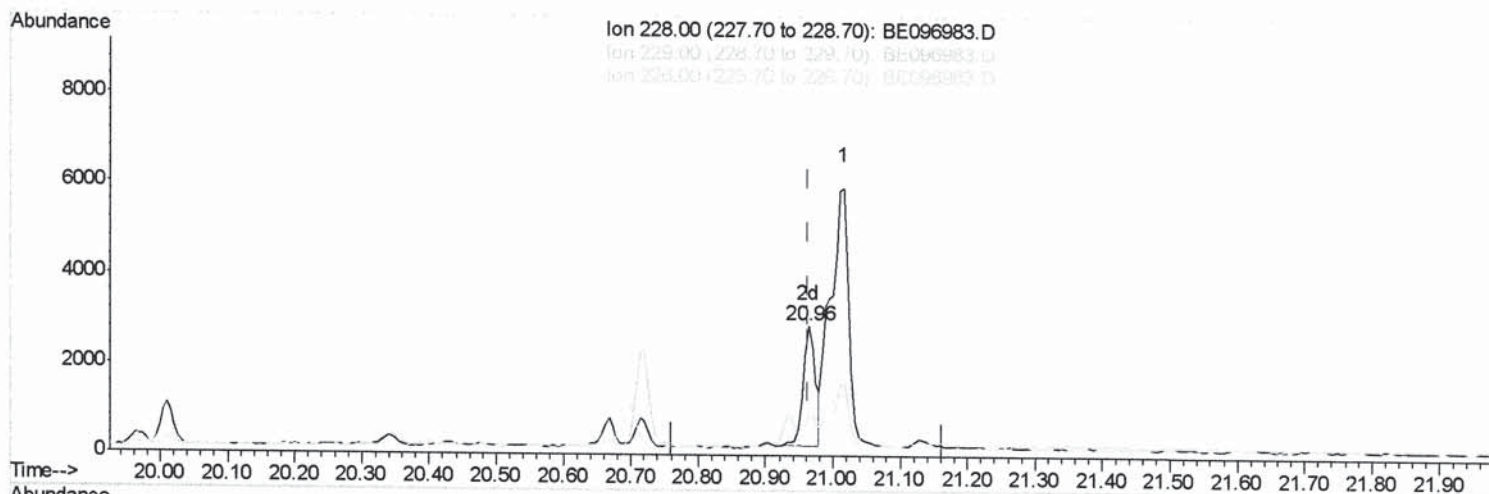
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
 Data File : BE096983.D  
 Acq On : 18 Jul 2018 7:05  
 Operator : SJ/JU  
 Sample : J3967-19  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 DB1F9

Manual Integrations  
 APPROVED

Sohil  
 7/18/2018 10:50:06 AM

Quant Time: Jul 18 08:03:46 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 18 07:15:45 2018  
 Response via : Initial Calibration



(18) Benzo(a)anthracene

20.963min (+0.001) 0.05ng/ul m

response 3539

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 28.50 | 31.88  |
| 226.00 | 21.30 | 33.96# |
| 0.00   | 0.00  | 0.00   |

SJ 7/19/18

## Quantitation Report (Qedit)

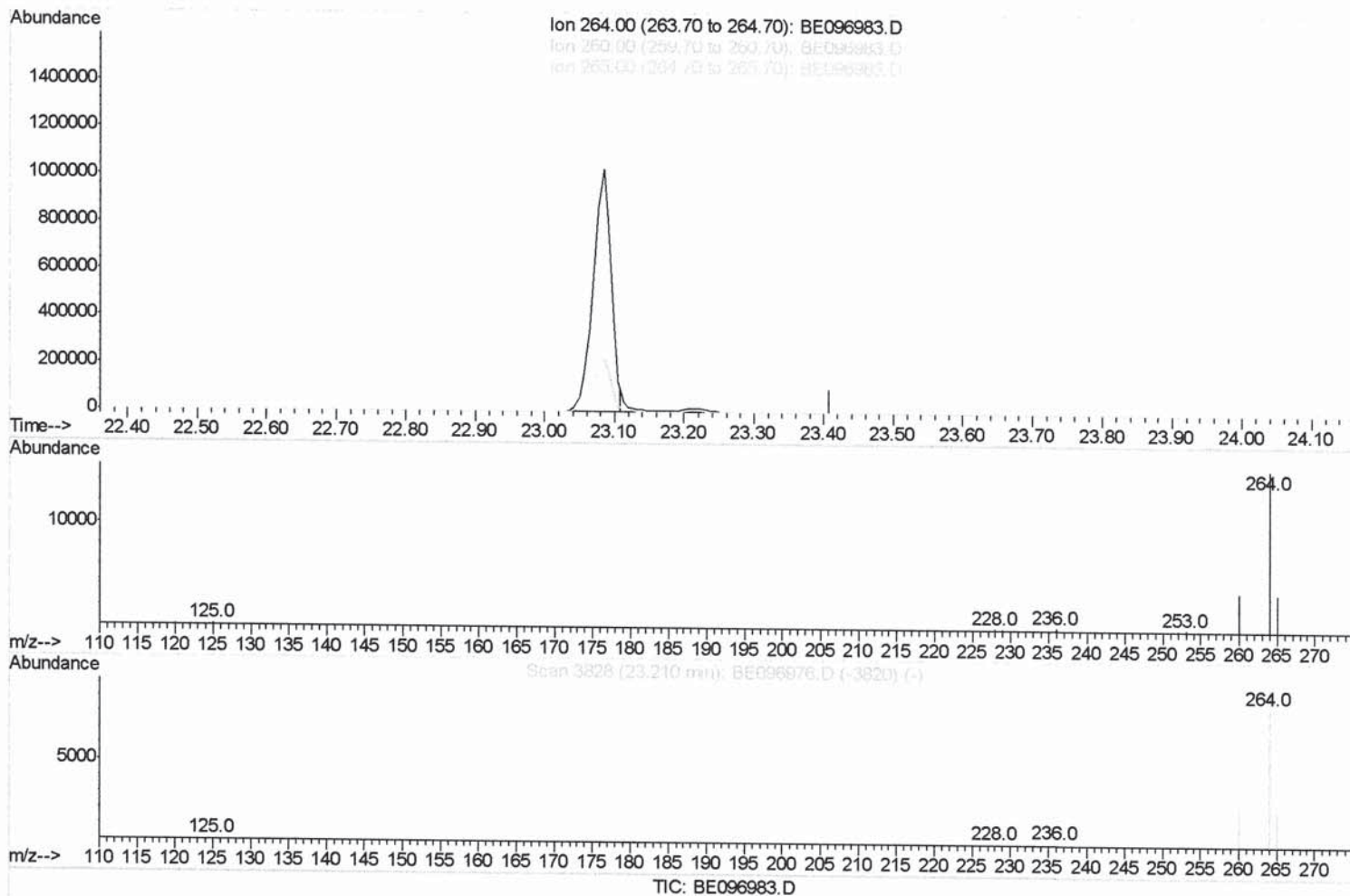
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
Data File : BE096983.D  
Acq On : 18 Jul 2018 7:05  
Operator : SJ/JU  
Sample : J3967-19  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
DB1F9

Manual Integrations  
APPROVED

Sohil  
7/18/2018 10:50:06 AM

Quant Time: Jul 18 08:03:46 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 18 07:15:45 2018  
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.210min (-23.210) 0.00ng/ul

response 0

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

# Quantitation Report (Qedit)

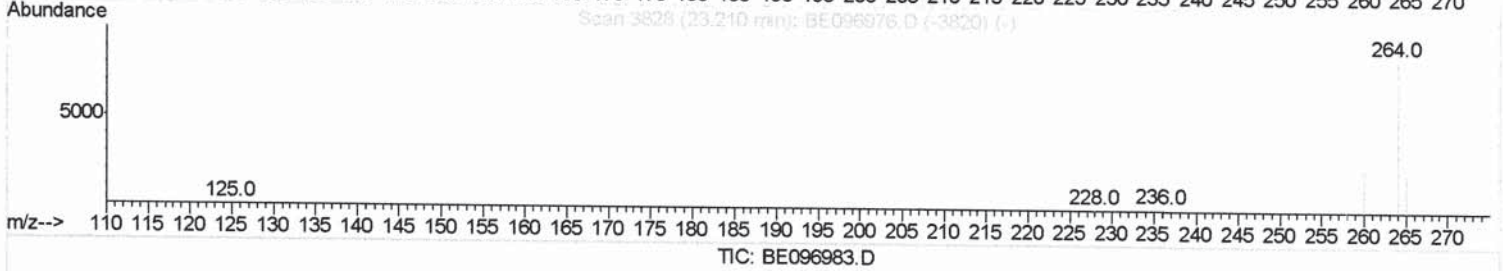
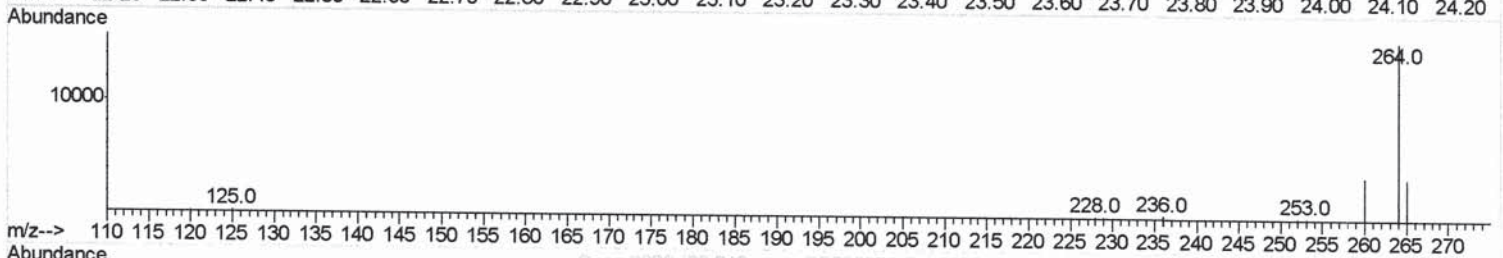
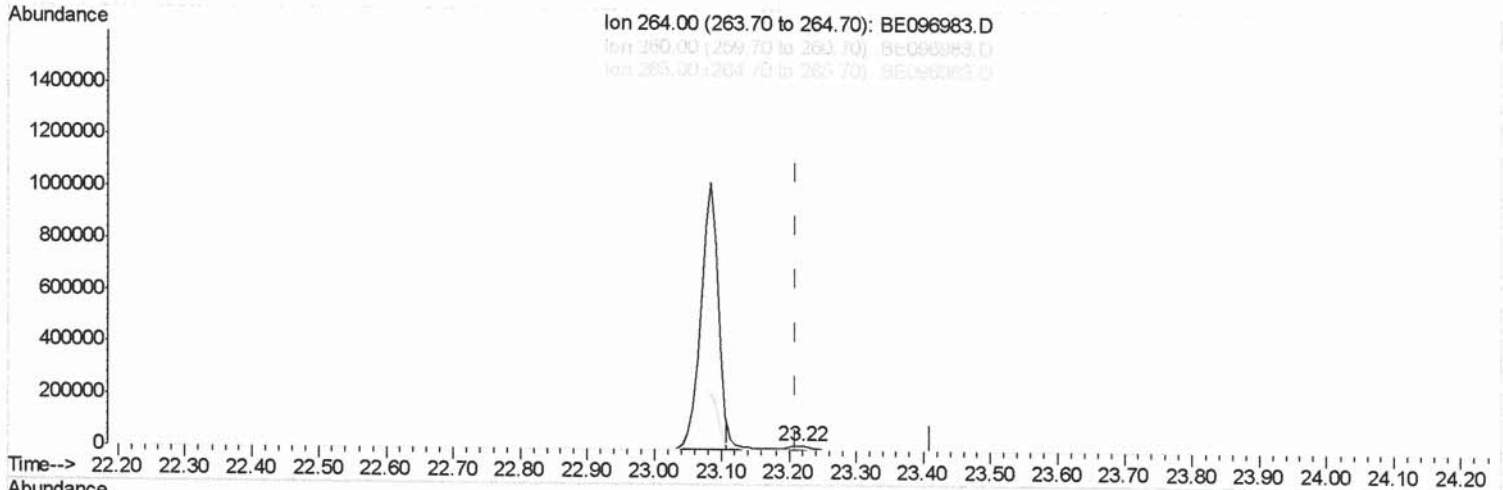
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
 Data File : BE096983.D  
 Acq On : 18 Jul 2018 7:05  
 Operator : SJ/JU  
 Sample : J3967-19  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 DB1F9

Manual Integrations  
 APPROVED

Sohil  
 7/18/2018 10:50:06 AM

Quant Time: Jul 18 08:03:46 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 18 07:15:45 2018  
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.218min (+0.007) 0.40ng/ul m

*SJ 7/19/18*

response 23019

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 24.59  |
| 265.00 | 103.50 | 24.27# |
| 0.00   | 0.00   | 0.00   |

## Quantitation Report (Qedit)

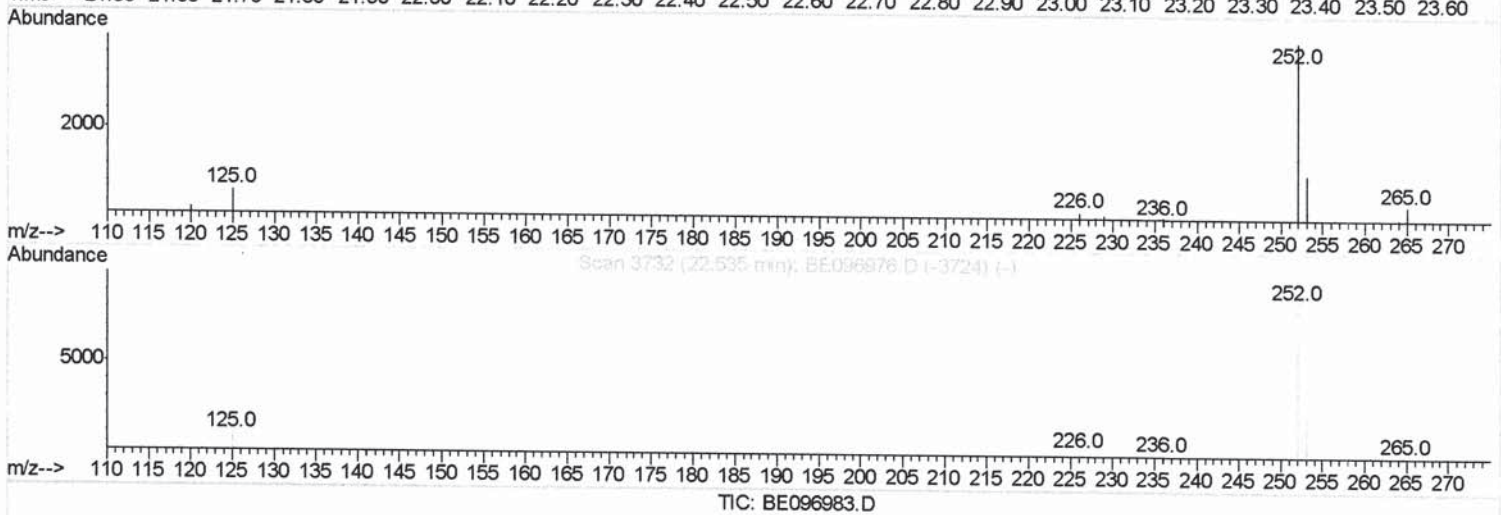
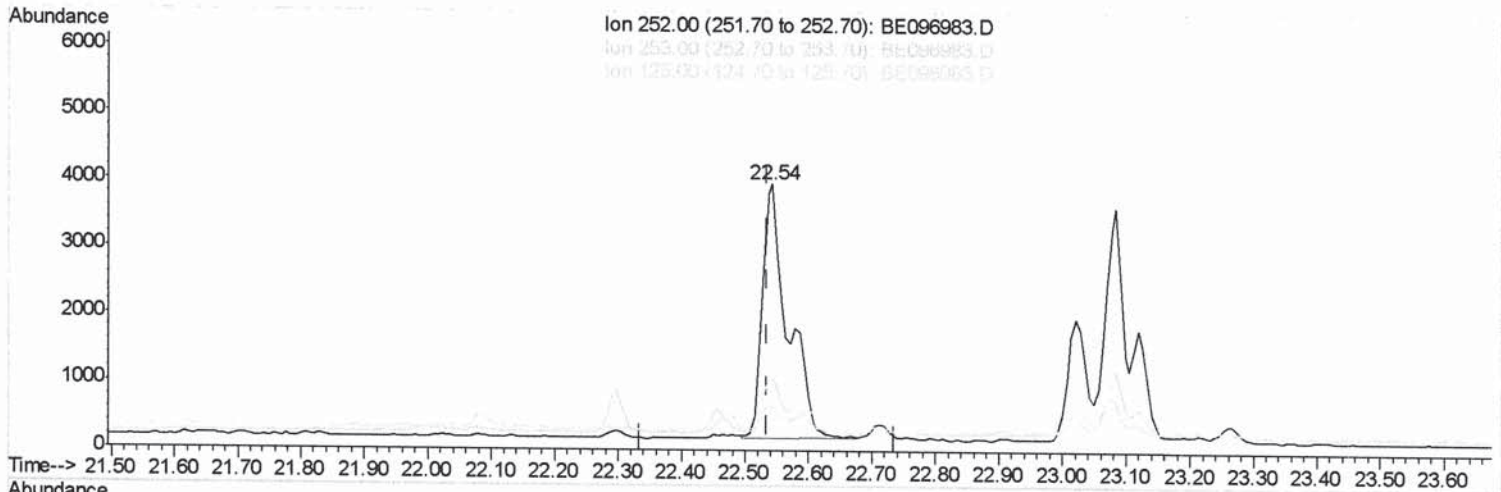
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
Data File : BE096983.D  
Acq On : 18 Jul 2018 7:05  
Operator : SJ/JU  
Sample : J3967-19  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
DB1F9

Manual Integrations  
APPROVED

Sohil  
7/18/2018 10:50:06 AM

Quant Time: Jul 18 08:05:00 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 18 07:15:45 2018  
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.543min (+0.007) 0.16ng/ul

response 10349

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 27.76 |
| 125.00 | 17.50 | 16.02 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

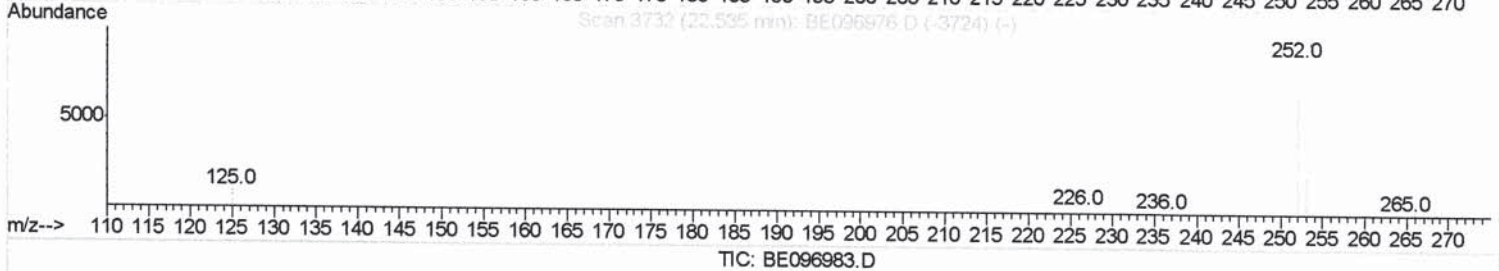
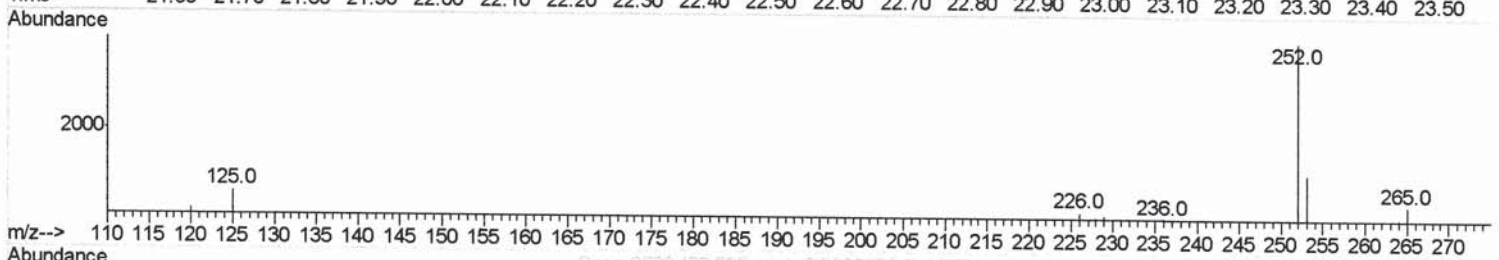
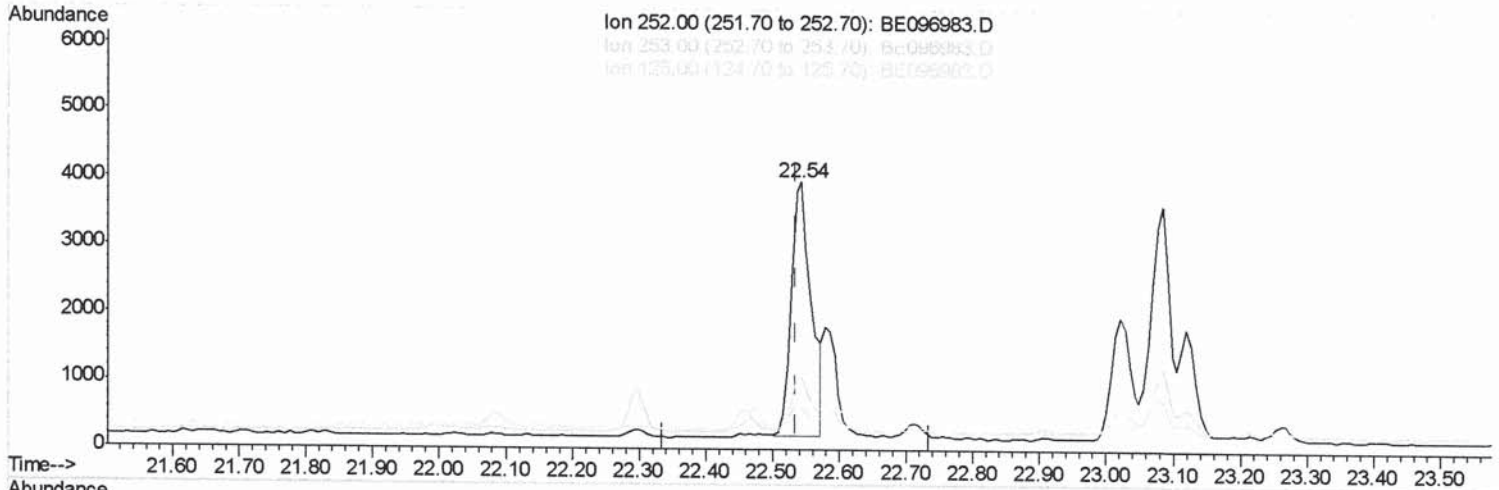
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
Data File : BE096983.D  
Acq On : 18 Jul 2018 7:05  
Operator : SJ/JU  
Sample : J3967-19  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
DB1F9

Manual Integrations  
APPROVED

Sohil  
7/18/2018 10:50:06 AM

Quant Time: Jul 18 08:05:00 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 18 07:15:45 2018  
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.543min (+0.007) 0.12ng/ul m

SJ 7/19/18

response 7913

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 27.76 |
| 125.00 | 17.50 | 16.02 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

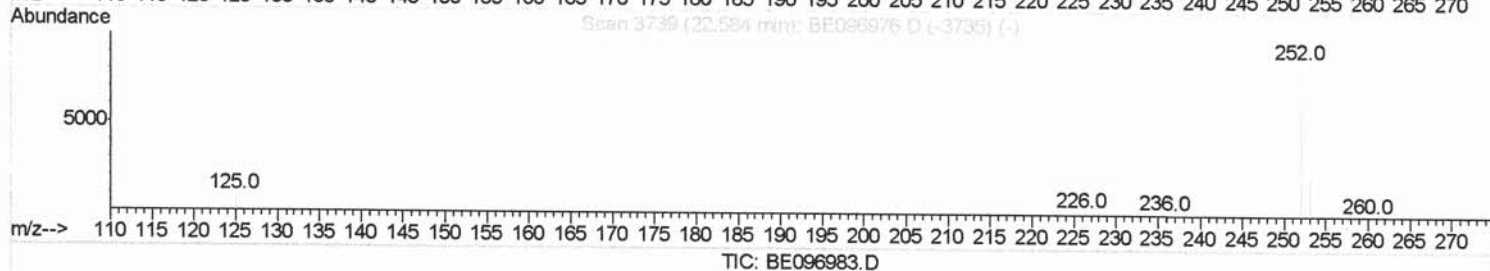
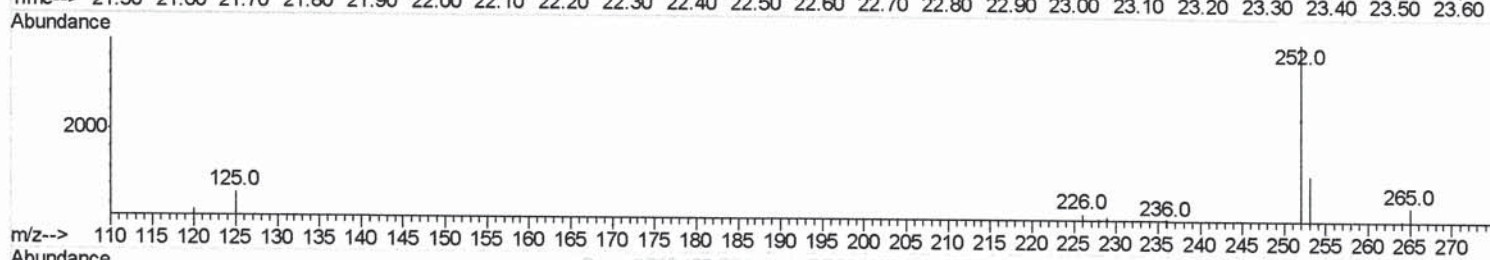
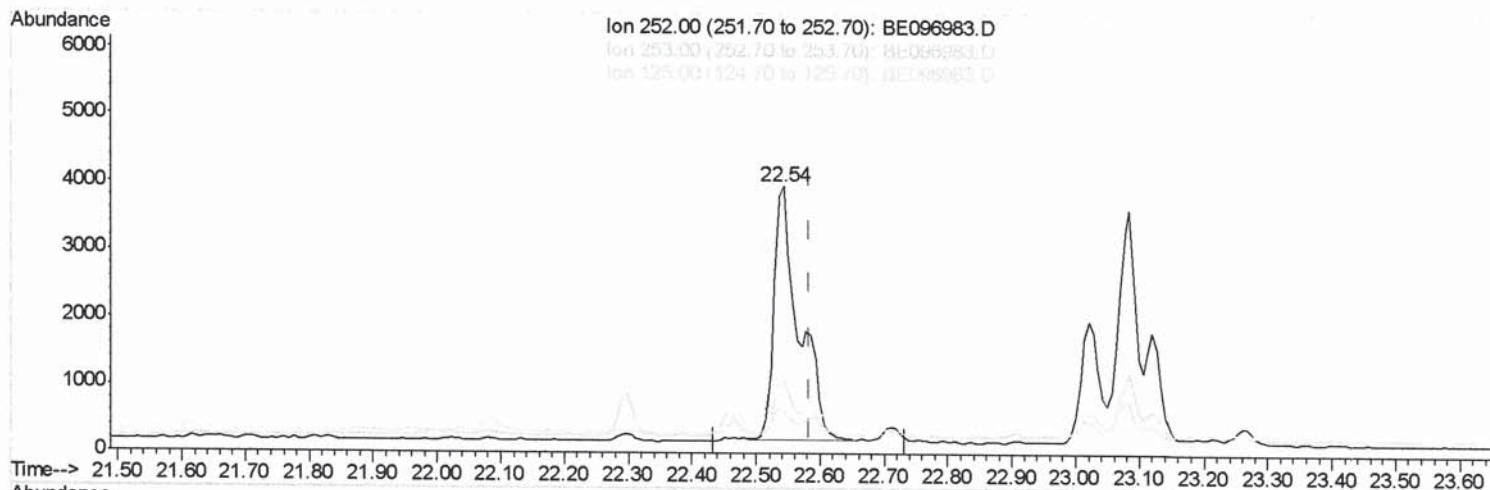
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
 Data File : BE096983.D  
 Acq On : 18 Jul 2018 7:05  
 Operator : SJ/JU  
 Sample : J3967-19  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 DB1F9

Manual Integrations  
 APPROVED

Sohil  
 7/18/2018 10:50:06 AM

Quant Time: Jul 18 08:05:00 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 18 07:15:45 2018  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene  
 22.543min (-0.042) 0.15ng/ul  
 response 10334

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 30.60 | 27.76 |
| 125.00 | 17.10 | 16.02 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

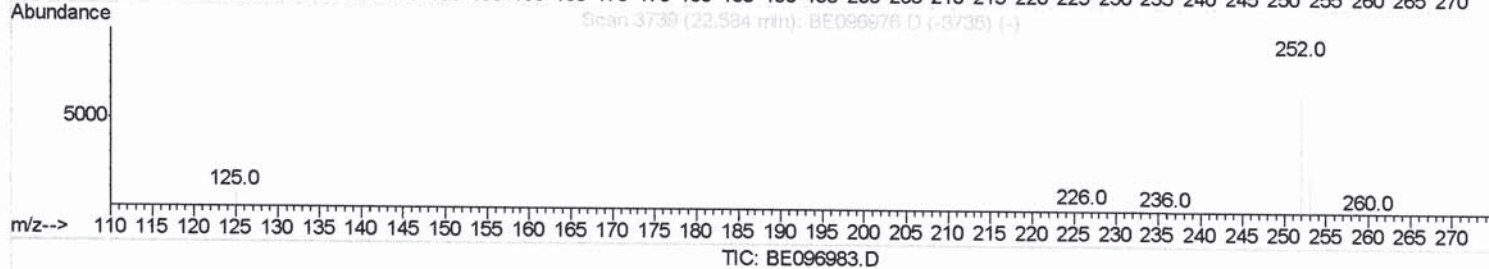
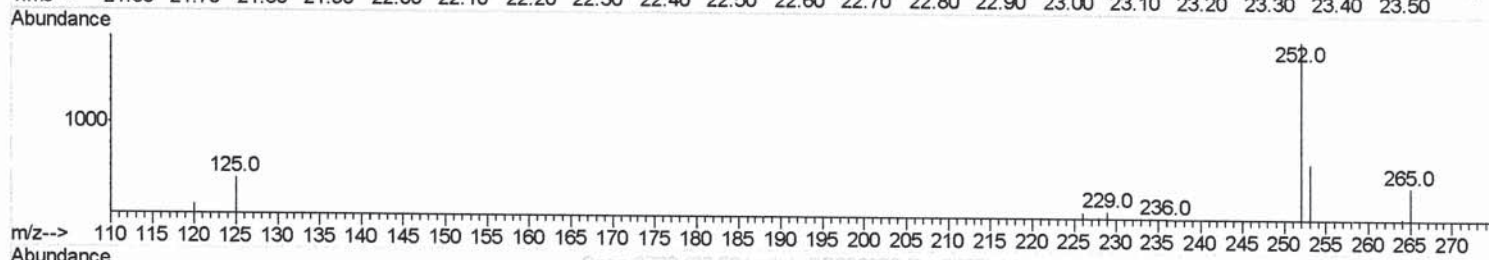
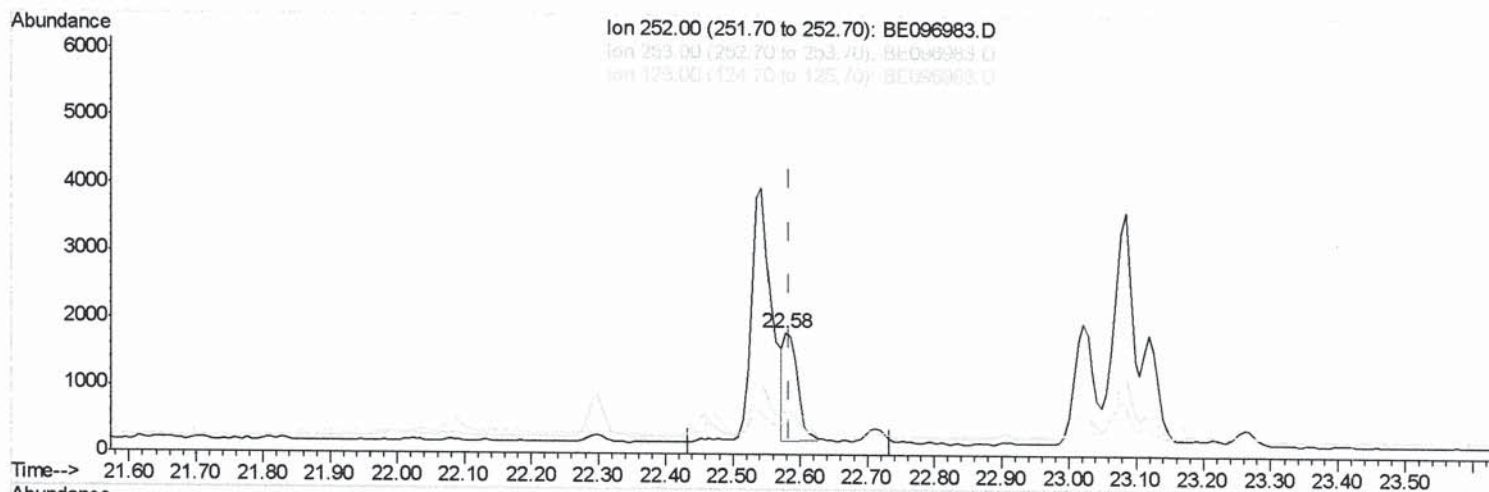
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
Data File : BE096983.D  
Acq On : 18 Jul 2018 7:05  
Operator : SJ/JU  
Sample : J3967-19  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
DB1F9

Manual Integrations  
APPROVED

Sohil  
7/18/2018 10:50:06 AM

Quant Time: Jul 18 08:05:00 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 18 07:15:45 2018  
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.578min (-0.007) 0.03ng/ul m

SJ 7/19/18

response 2289

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 36.69  |
| 125.00 | 17.10 | 26.45# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
 Data File : BE096983.D  
 Acq On : 18 Jul 2018 7:05  
 Operator : SJ/JU  
 Sample : J3967-19  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 DB1F9

Manual Integrations  
 APPROVED

Sohil  
 7/18/2018 10:50:06 AM

Quant Time: Jul 18 08:05:52 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 18 07:15:45 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.39  | 152  | 2799     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.14 | 136  | 14657    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.03 | 164  | 9287     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.78 | 188  | 23816m   | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 20.98 | 240  | 26793m   | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.22 | 264  | 23019m   | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.74 | 152  | 6911     | 0.30 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 18.81 | 212  | 21623m   | 0.30 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 10.19 | 128  | 977      | 0.028 | ng/ul# | 85     |
| 8) Acenaphthene            | 14.08 | 153  | 4169     | 0.133 | ng/ul  | 93     |
| 9) Fluorene                | 15.08 | 166  | 9855     | 0.295 | ng/ul  | 93     |
| 11) Pentachlorophenol      | 16.43 | 266  | 685m     | 0.254 | ng/ul  |        |
| 12) Phenanthrene           | 16.82 | 178  | 33665m   | 0.539 | ng/ul  |        |
| 13) Anthracene             | 16.91 | 178  | 12933m   | 0.237 | ng/ul  |        |
| 15) Fluoranthene           | 18.85 | 202  | 56123m   | 0.681 | ng/ul  |        |
| 17) Pyrene                 | 19.21 | 202  | 39717    | 0.512 | ng/ul# | 83     |
| 18) Benzo(a)anthracene     | 20.96 | 228  | 3539m    | 0.050 | ng/ul  |        |
| 19) Chrysene               | 21.02 | 228  | 10920    | 0.136 | ng/ul# | 94     |
| 21) Benzo(b)fluoranthene   | 22.54 | 252  | 7913m    | 0.121 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 22.58 | 252  | 2289m    | 0.034 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.12 | 252  | 2317     | 0.040 | ng/ul  | 99     |
| 24) Indeno(1,2,3-cd)pyrene | 25.50 | 276  | 2846     | 0.044 | ng/ul# | 83     |
| 26) Benzo(a,h,i)perylene   | 26.20 | 276  | 2944     | 0.051 | ng/ul  | 94     |

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