

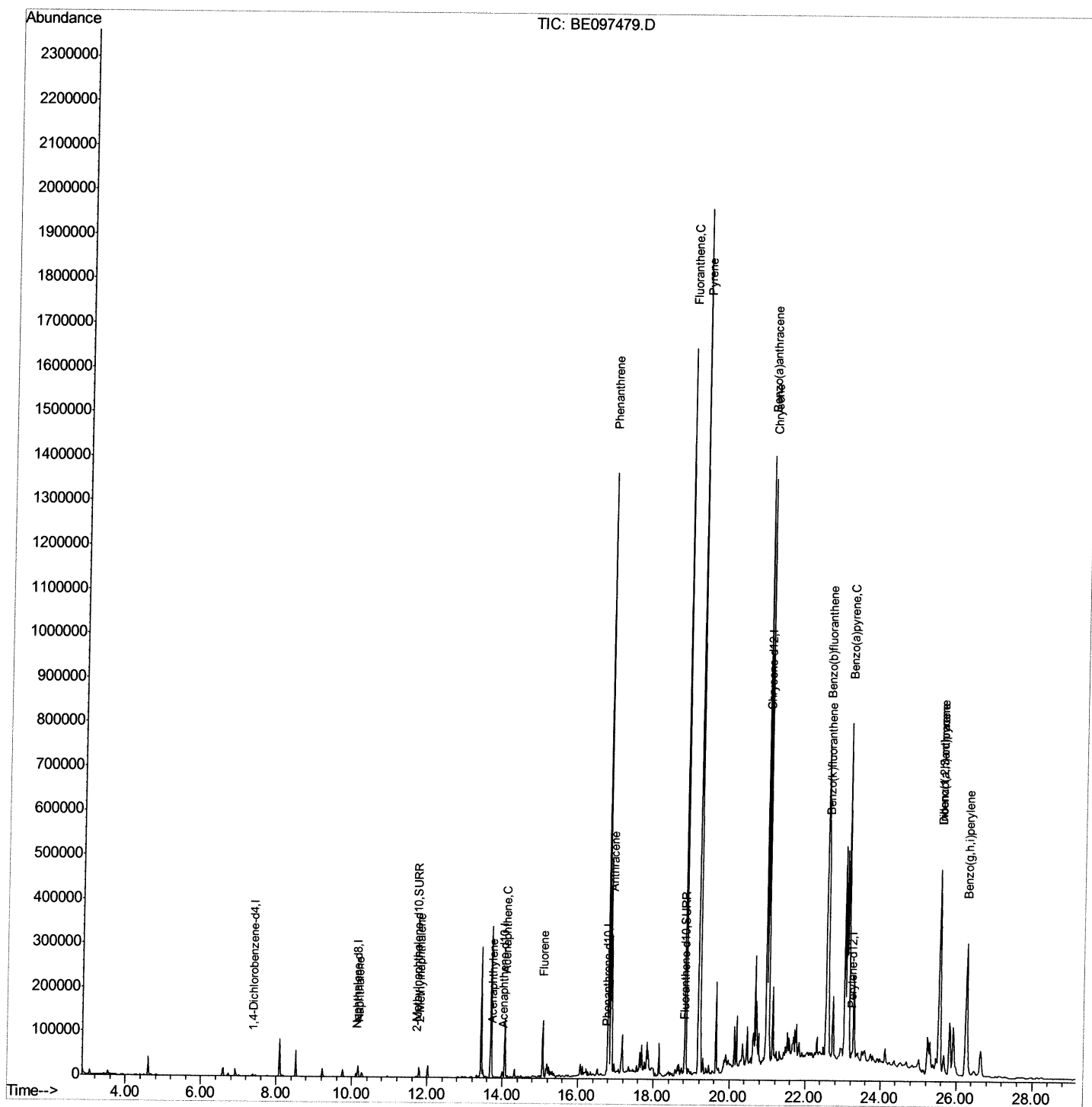
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:55:04 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



## Quantitation Report (Qedit)

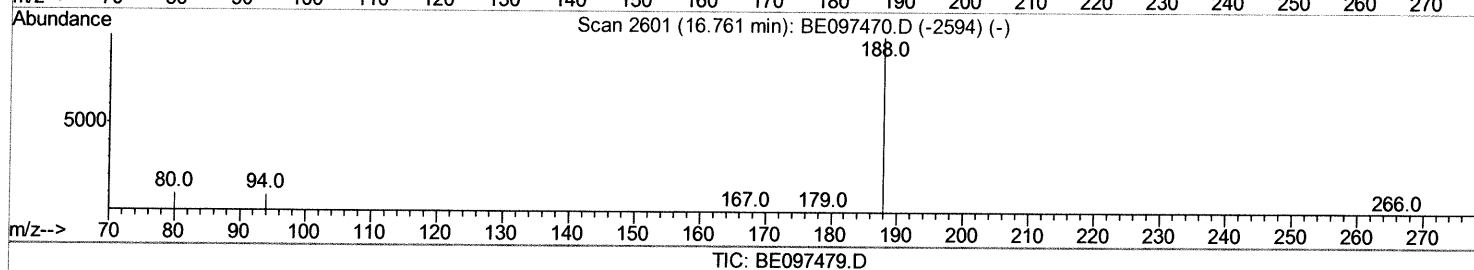
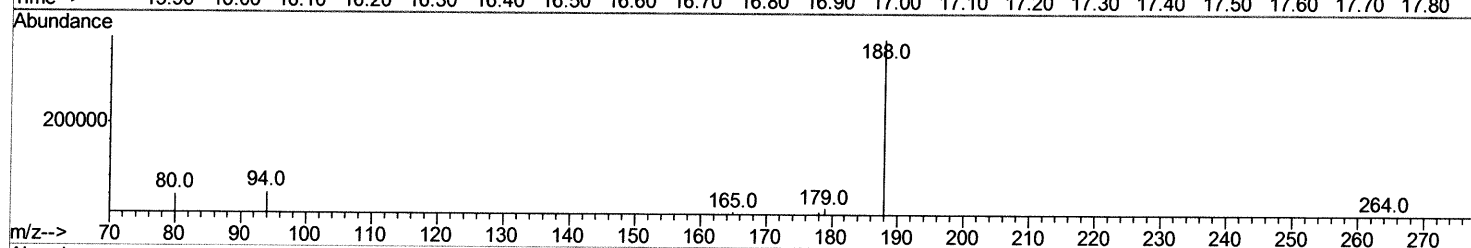
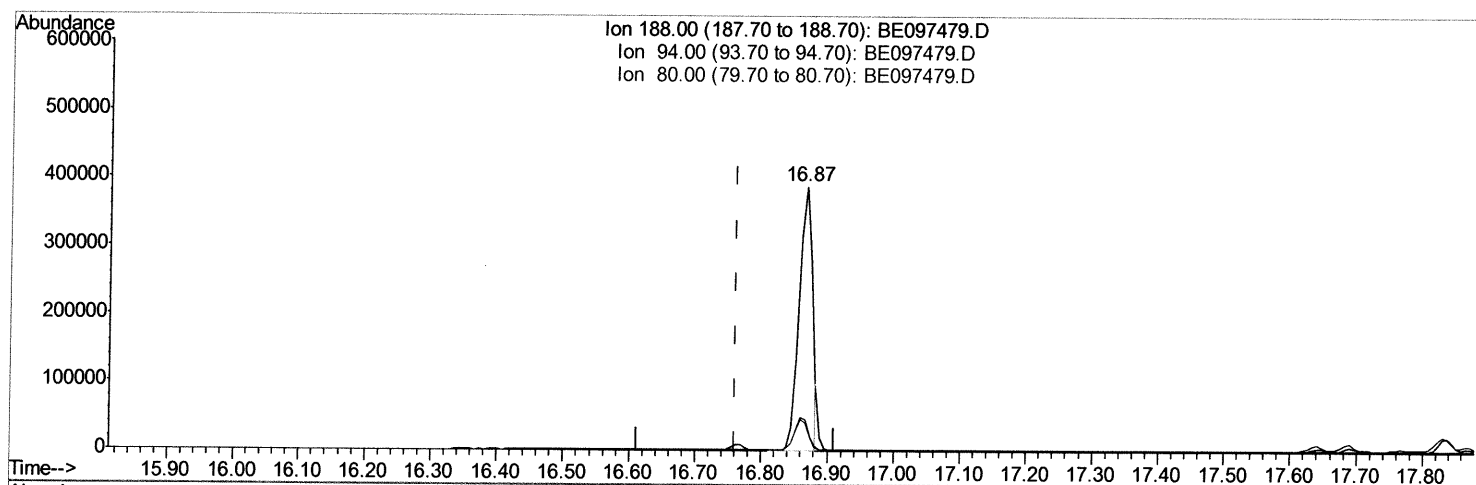
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:28:01 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.866min (+0.105) 0.40ng/ul

response 527562

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 11.85 |
| 80.00  | 11.80 | 10.63 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

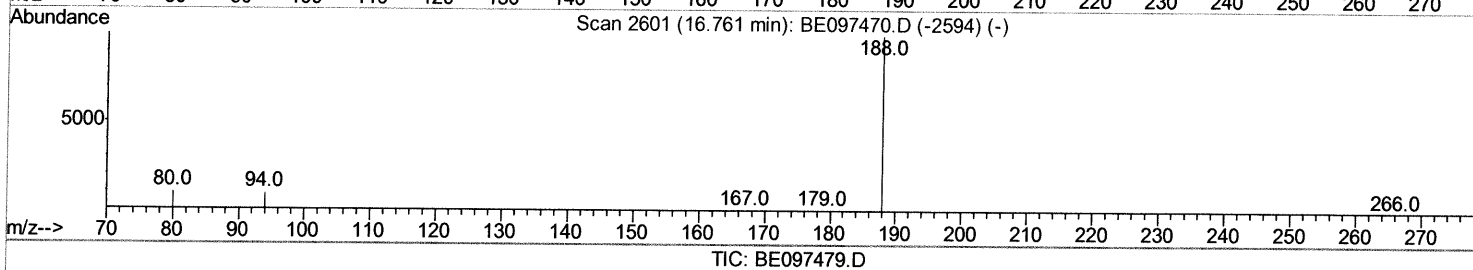
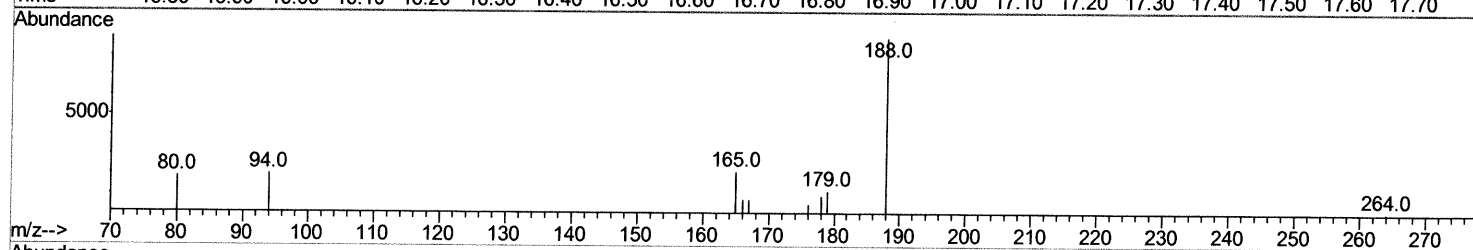
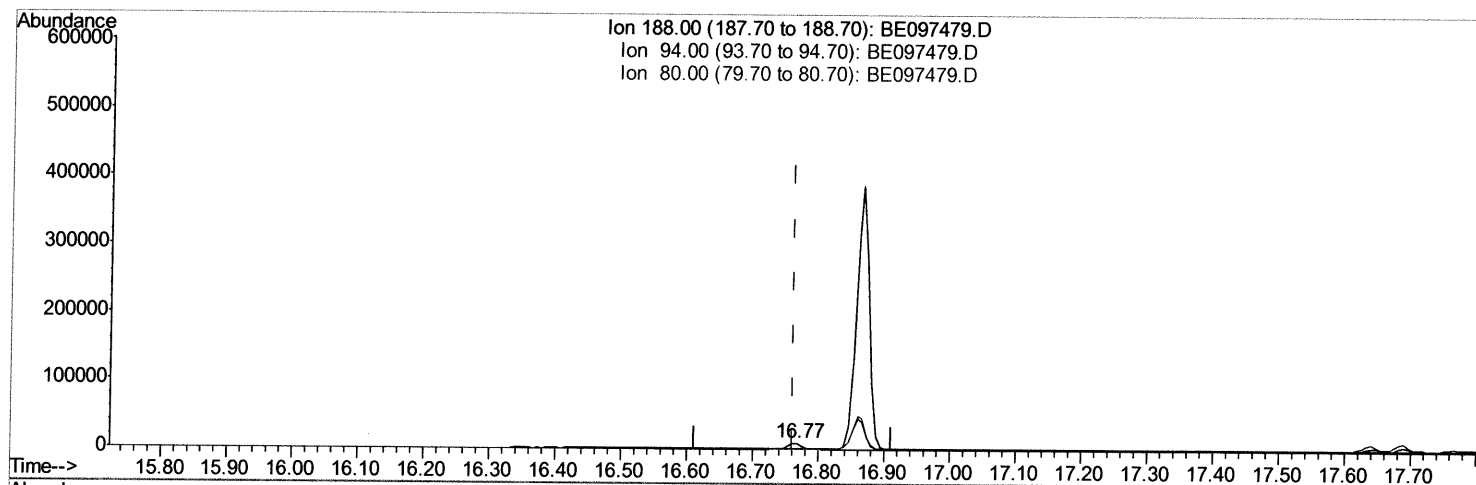
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:28:01 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.768min (+0.006) 0.40ng/ul m

response 12849

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.00 | 22.34# |
| 80.00  | 11.80 | 21.14# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

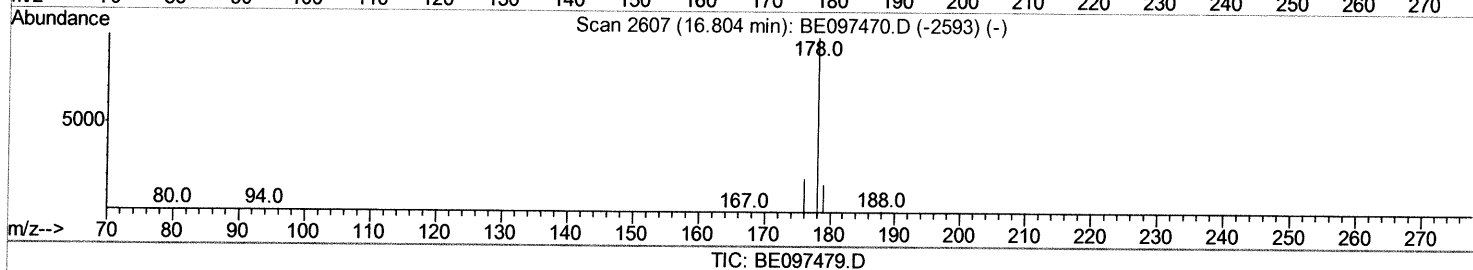
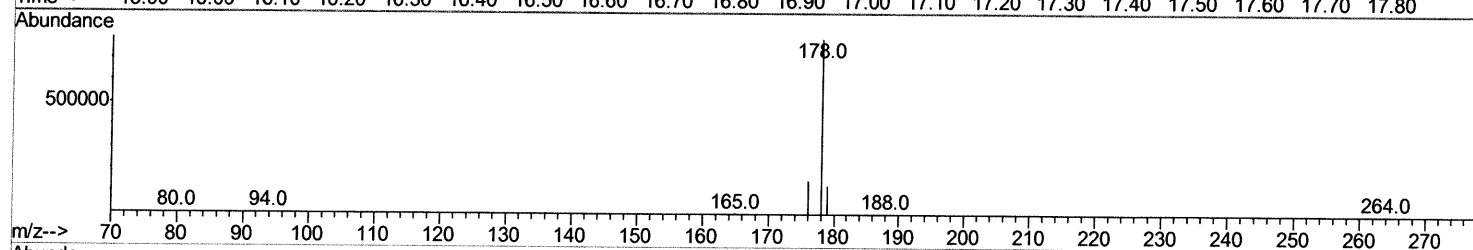
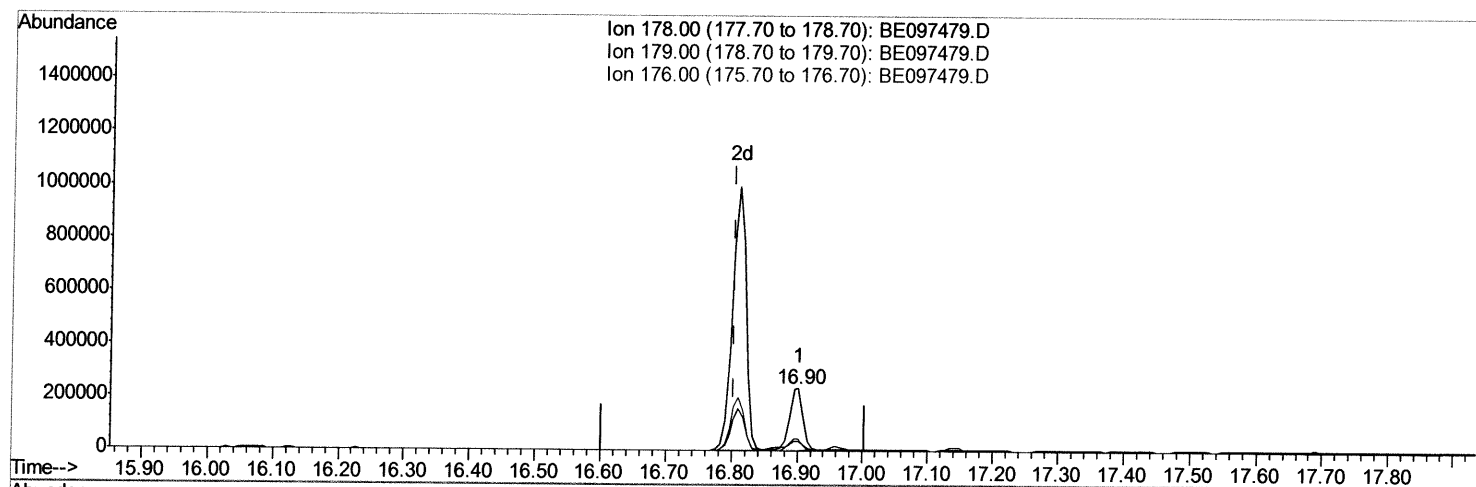
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:38:33 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(12) Phenanthrene

16.902min (+0.098) 10.22ng/ul

response 338068

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 16.21# |
| 176.00 | 17.00 | 18.57  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

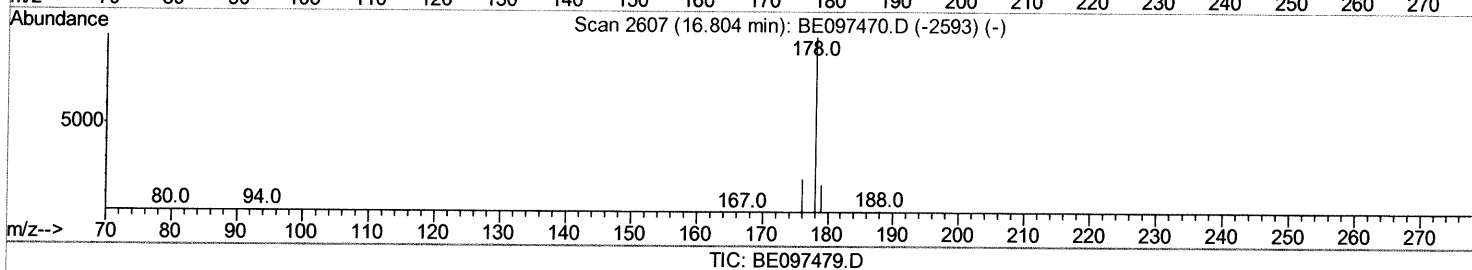
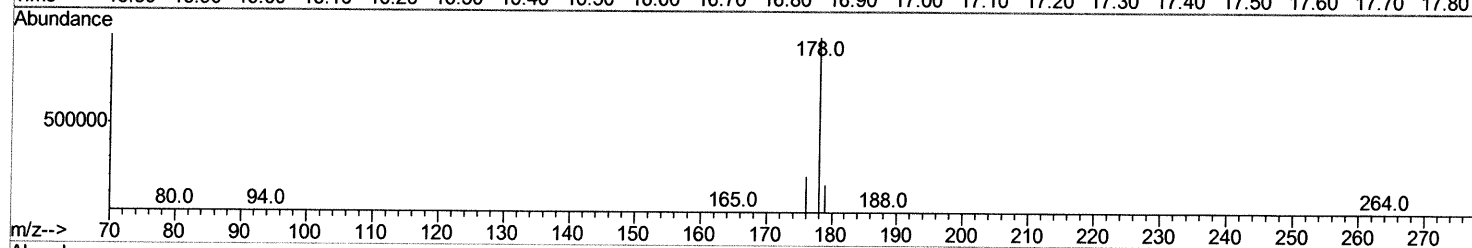
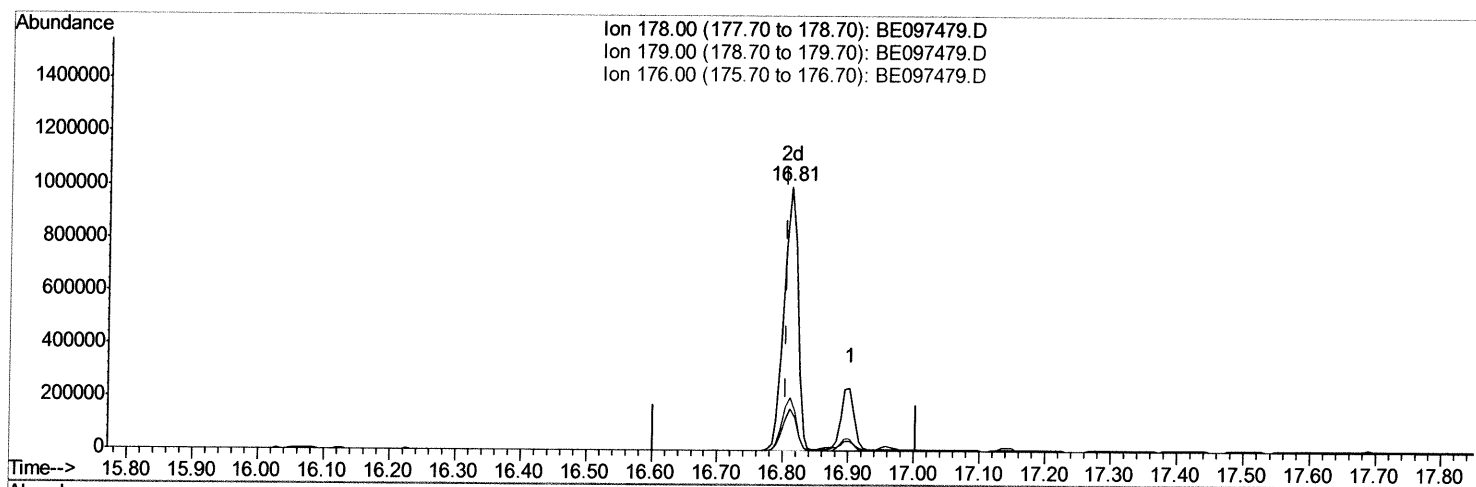
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:38:33 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(12) Phenanthrene

16.810min (+0.006) 43.67ng/ul m) SJ 9/14/18

response 1444451

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 16.04# |
| 176.00 | 17.00 | 20.23  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

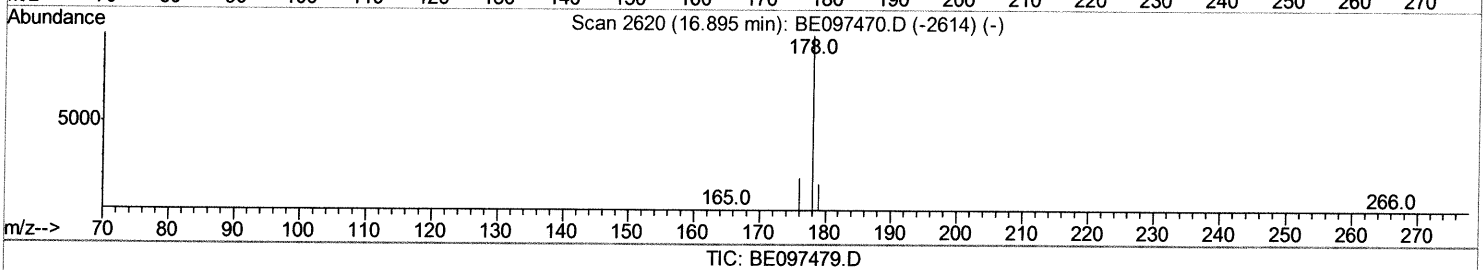
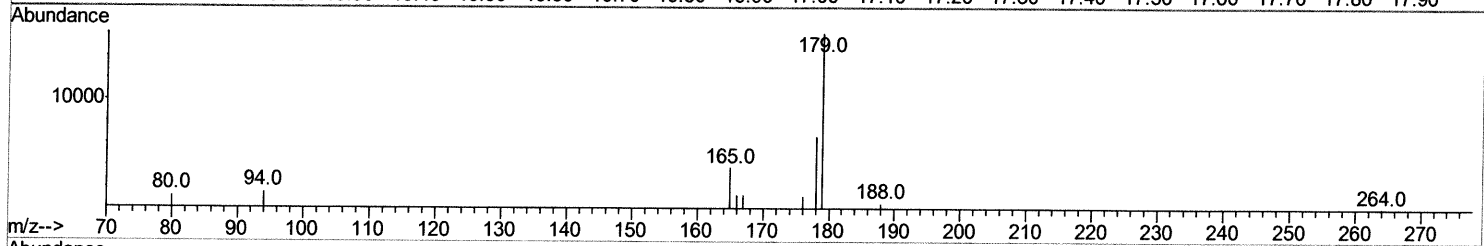
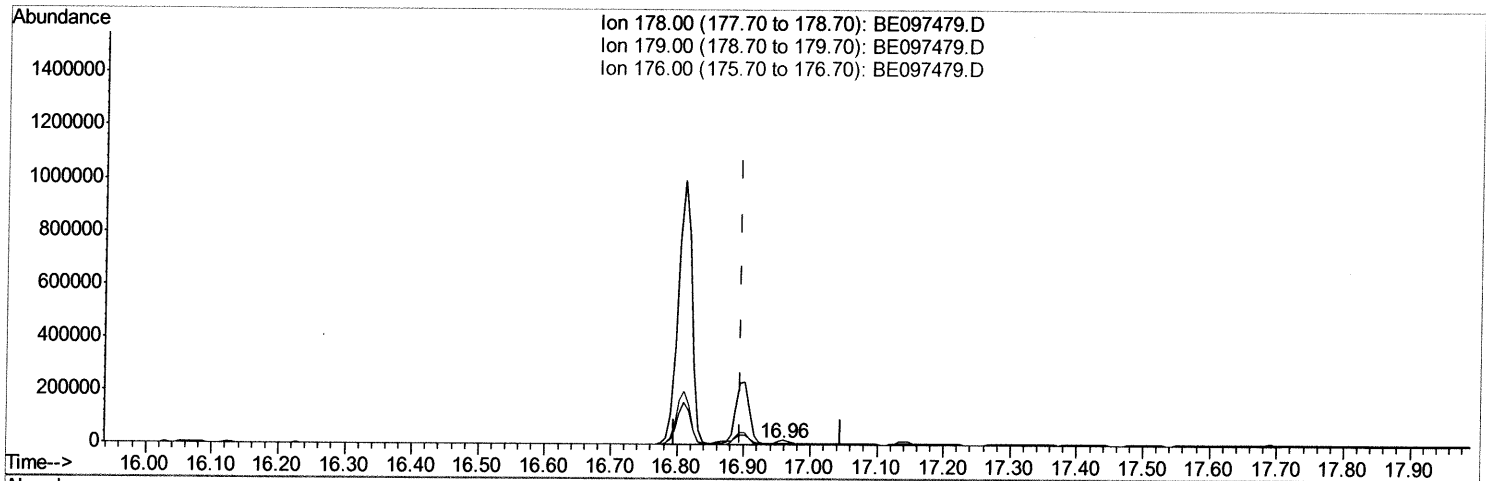
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
 Data File : BE097479.D  
 Acq On : 13 Sep 2018 8:38  
 Operator : SJ/JU  
 Sample : J4792-16  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A3YY5

Manual Integrations  
 APPROVED

Sohil  
 9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:38:33 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 13 07:48:38 2018  
 Response via : Initial Calibration



(13) Anthracene

16.958min (+0.063) 0.30ng/ul

response 8411

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 179.00 | 22.60 | 240.97# |
| 176.00 | 18.40 | 18.61   |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

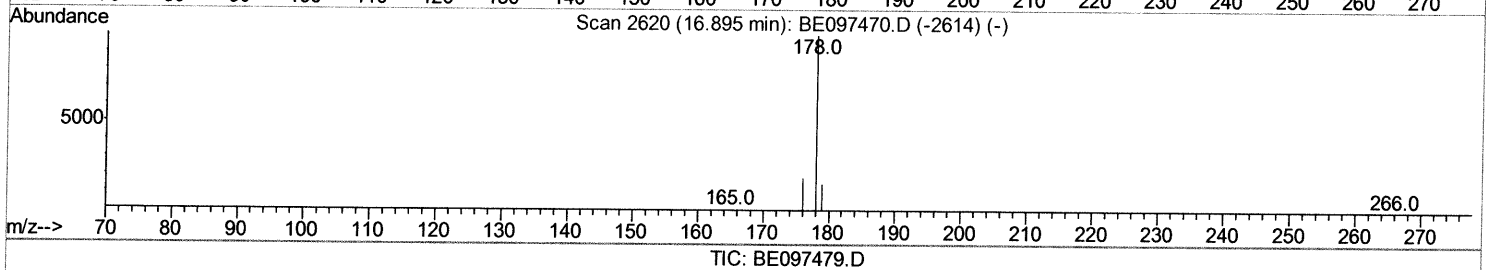
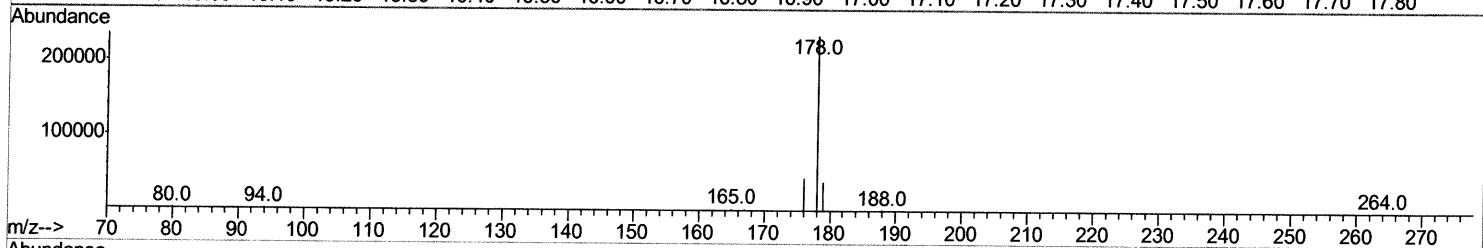
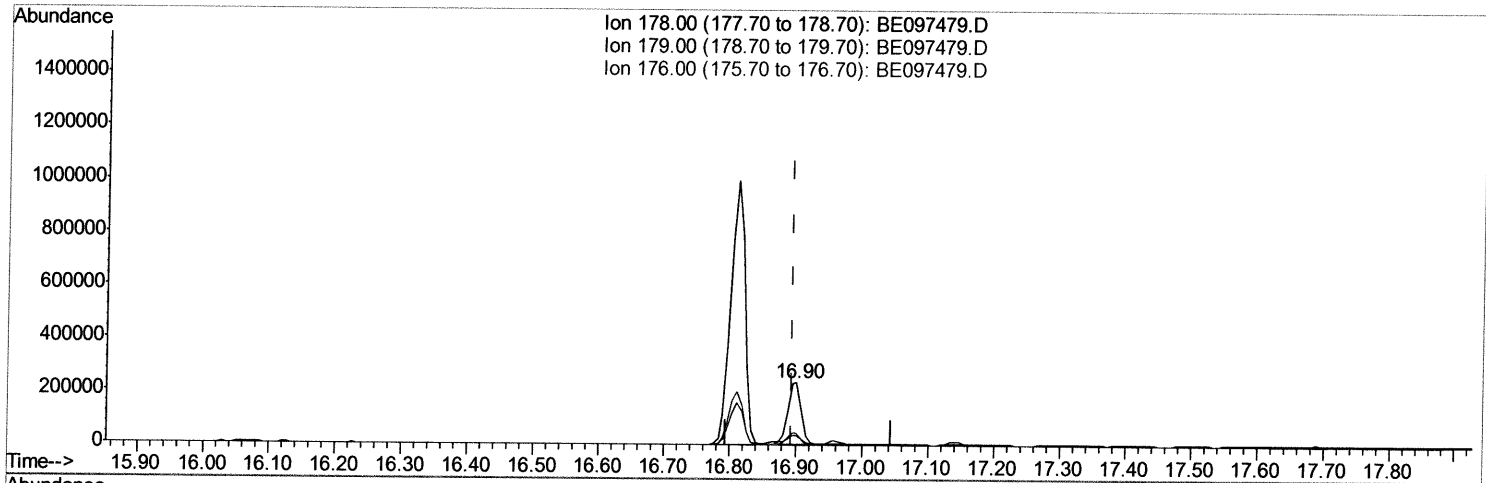
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
 Data File : BE097479.D  
 Acq On : 13 Sep 2018 8:38  
 Operator : SJ/JU  
 Sample : J4792-16  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 A3YY5

Manual Integrations  
 APPROVED

Sohil  
 9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:38:33 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 13 07:48:38 2018  
 Response via : Initial Calibration



(13) Anthracene

16.902min (+0.006) 12.04ng/ul m) SJ 9/14/18

response 334782

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 22.60 | 16.21# |
| 176.00 | 18.40 | 18.57  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

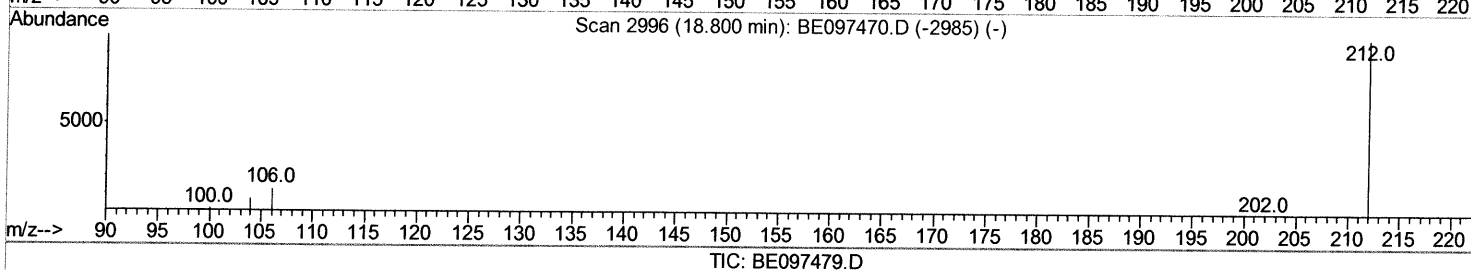
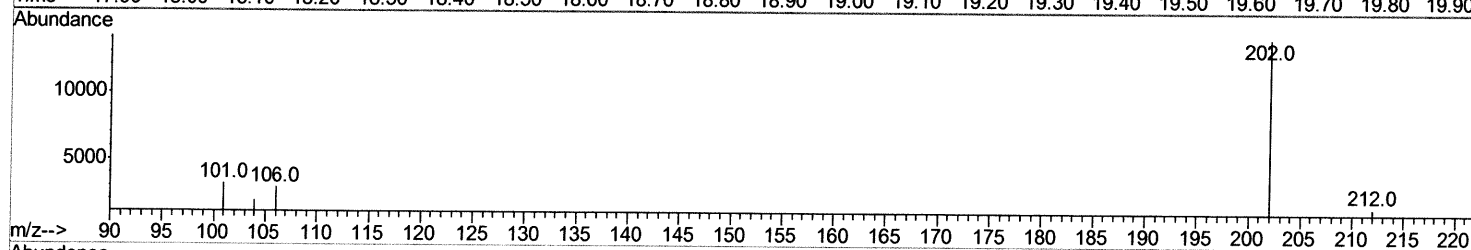
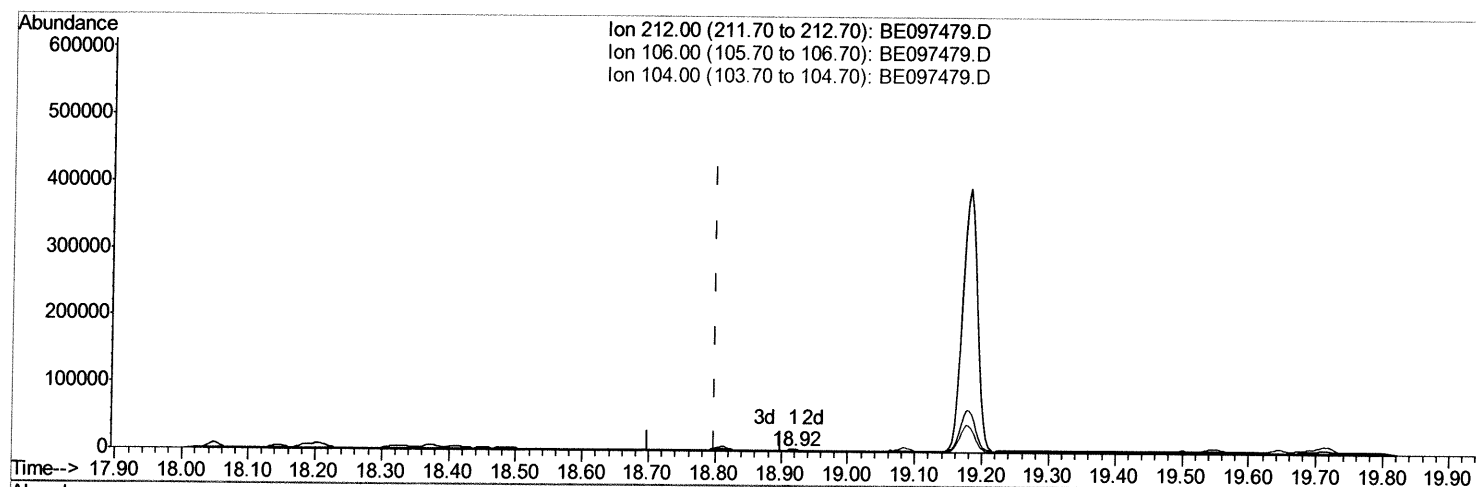
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:43:17 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

18.920min (+0.121) 0.02ng/ul

response 771

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 212.00 | 100   | 100     |
| 106.00 | 18.30 | 112.32# |
| 104.00 | 15.60 | 287.03# |
| 0.00   | 0.00  | 0.00    |



## Quantitation Report (Qedit)

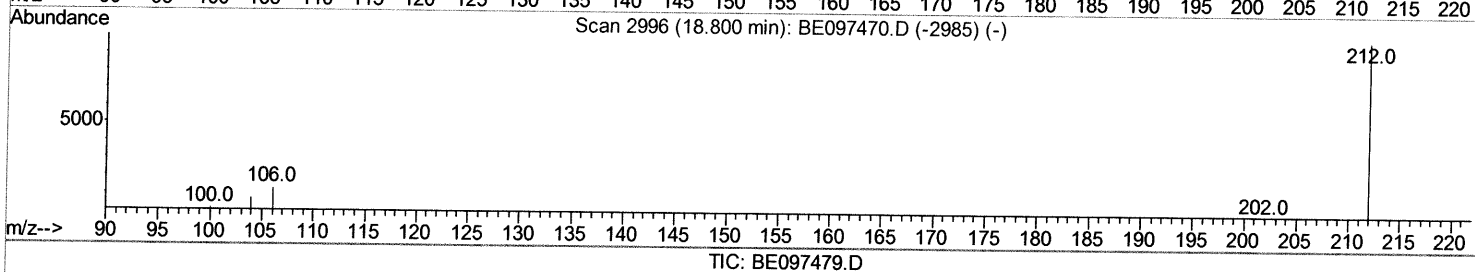
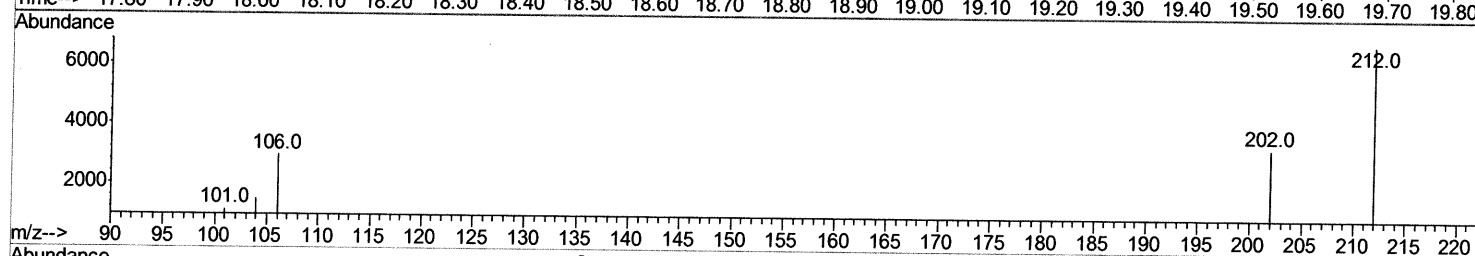
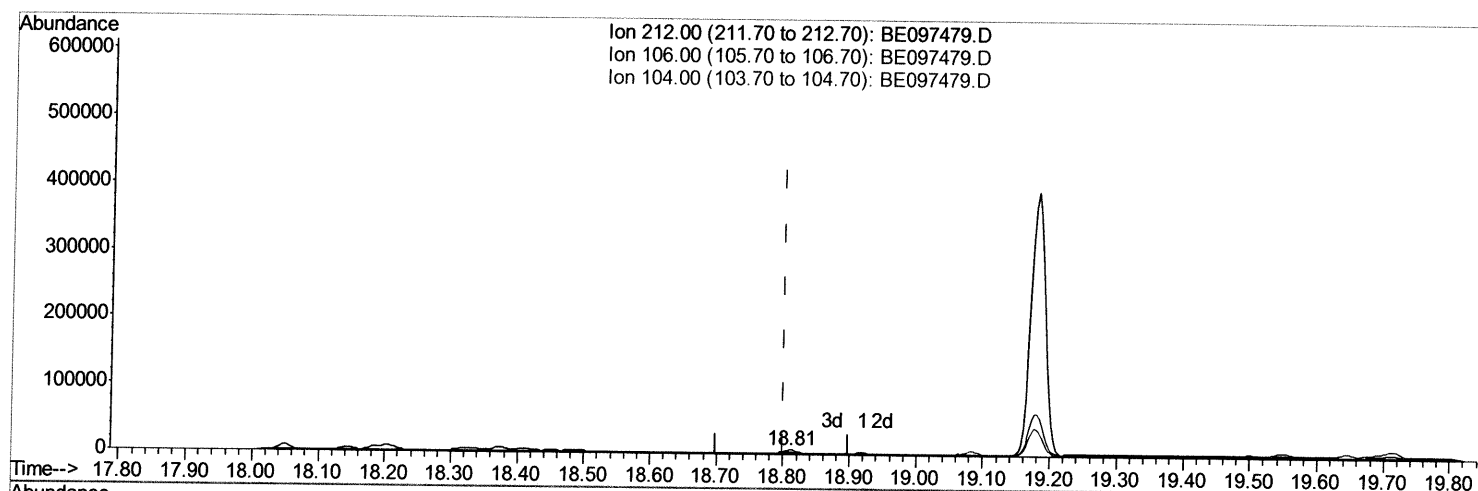
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:43:17 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

18.810min (+0.010) 0.16ng/ul m) SJ 9/18/18

response 6924

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 212.00 | 100   | 100    |
| 106.00 | 18.30 | 12.51# |
| 104.00 | 15.60 | 31.96# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

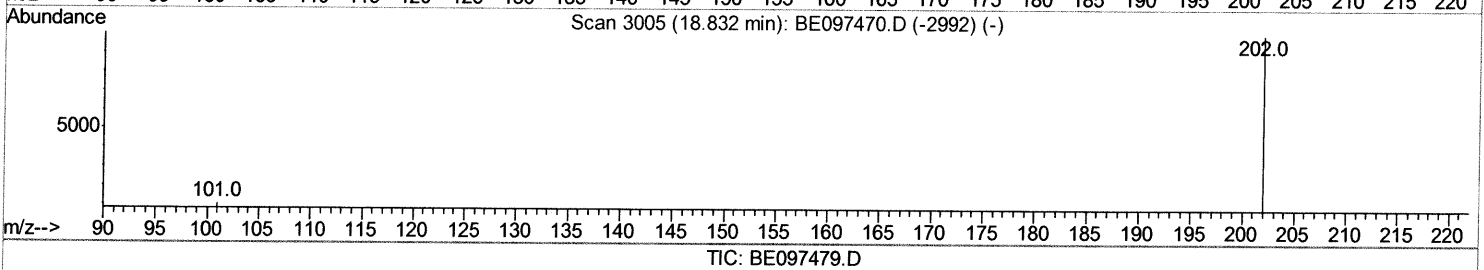
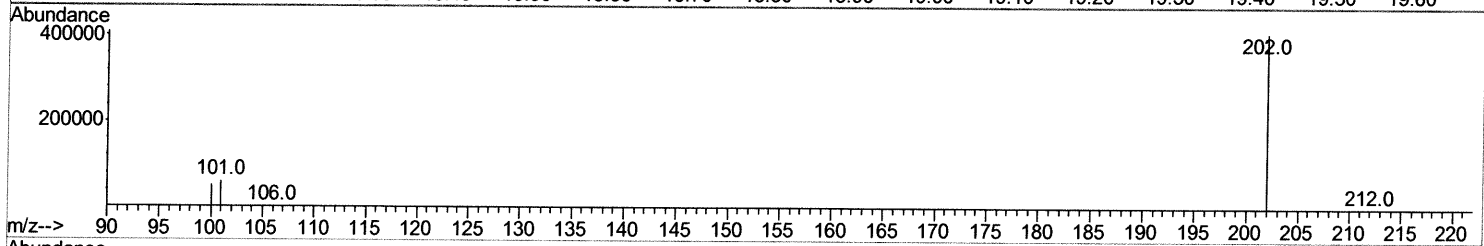
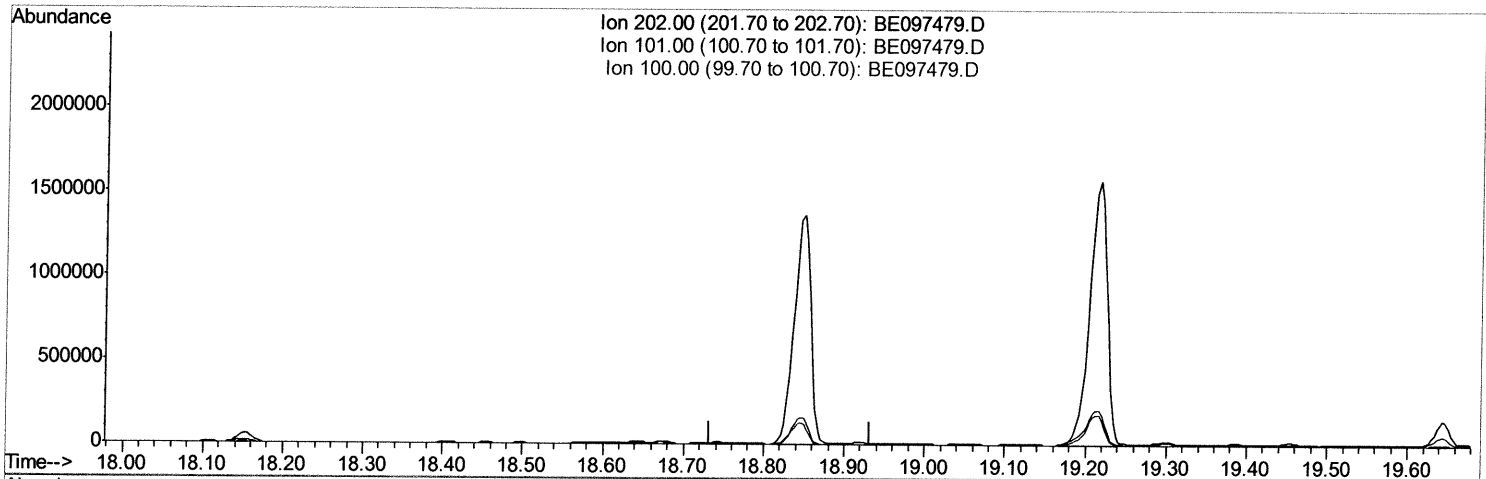
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
 Data File : BE097479.D  
 Acq On : 13 Sep 2018 8:38  
 Operator : SJ/JU  
 Sample : J4792-16  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A3YY5

Manual Integrations  
 APPROVED

Sohil  
 9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:45:11 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 13 07:48:38 2018  
 Response via : Initial Calibration



## (15) Fluoranthene (C)

18.832min (-18.832) 0.00ng/ul

response 0

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

## Quantitation Report (Qedit)

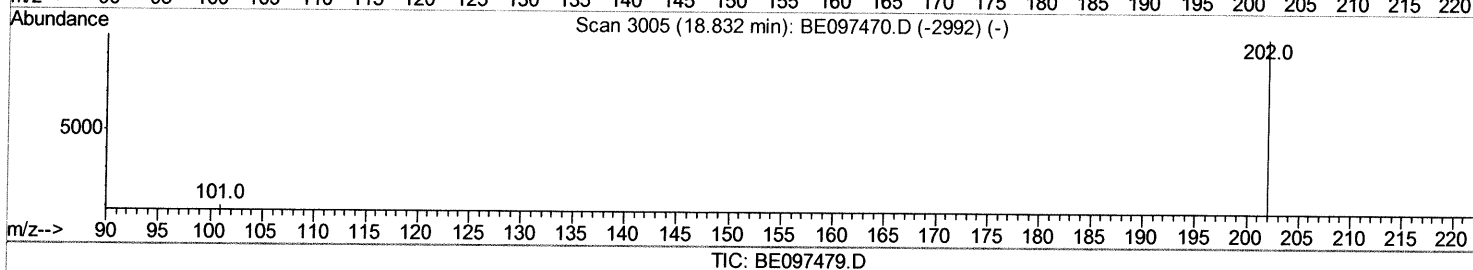
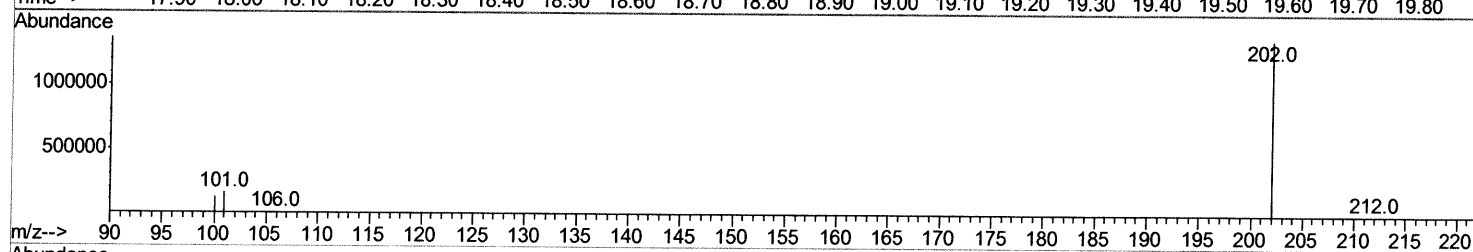
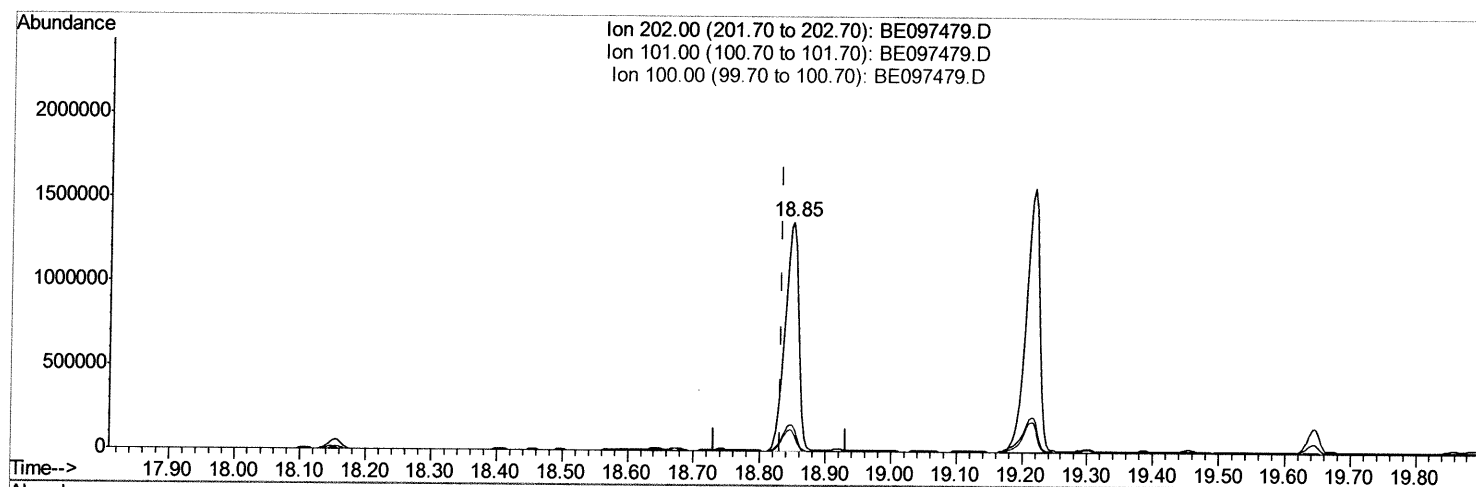
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:45:11 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



TIC: BE097479.D

(15) Fluoranthene (C)

18.849min (+0.017) 45.55ng/ul m) SJ 9/15/18

response 1935550

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.30 | 11.47 |
| 100.00 | 19.50 | 8.93  |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

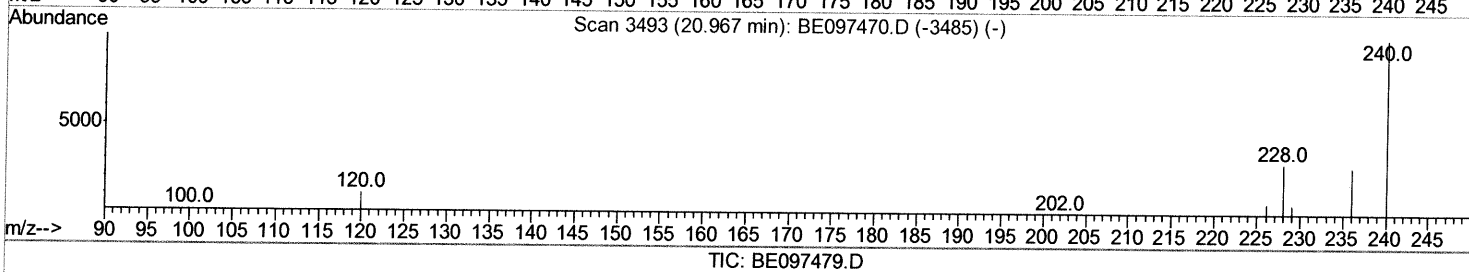
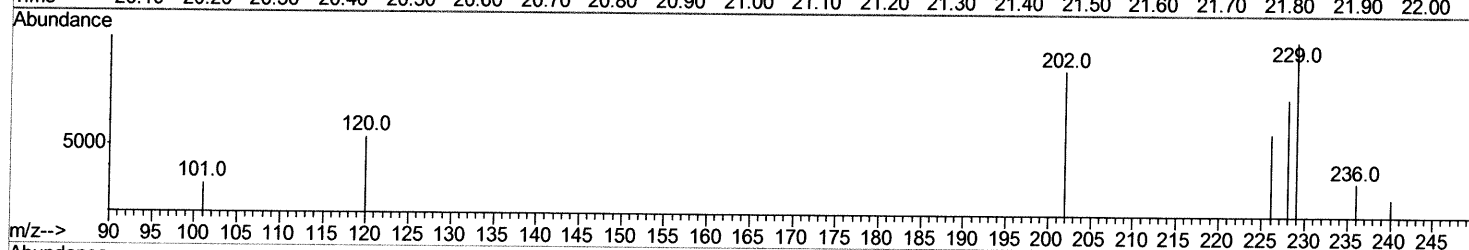
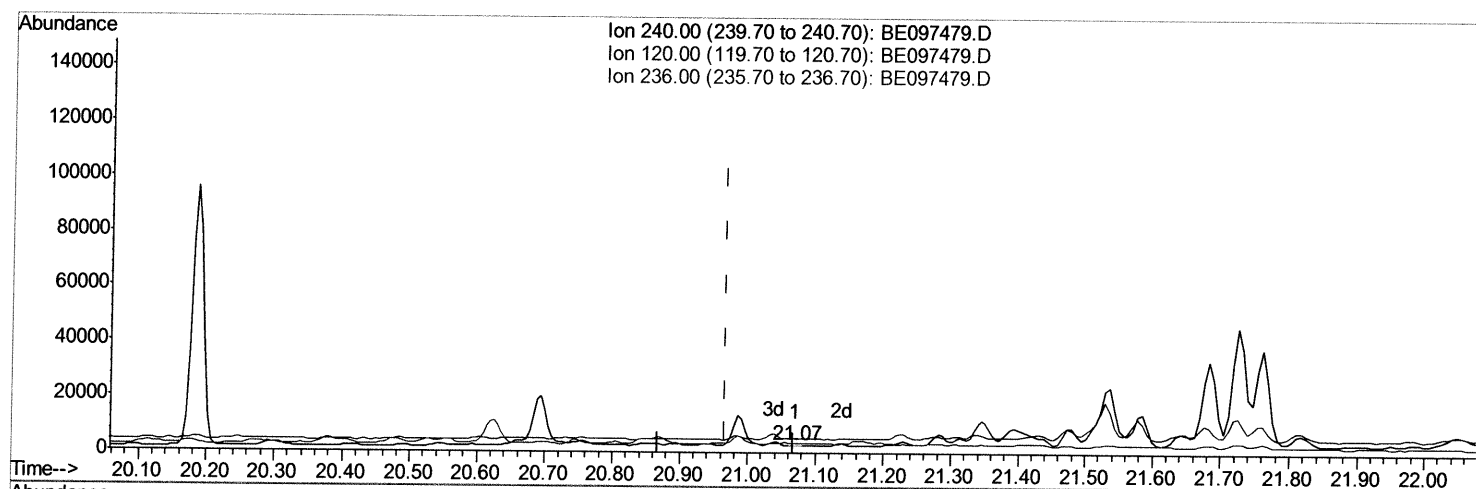
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampled :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 11:03:10 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



TIC: BE097479.D

(16) Chrysene-d12 (I)

21.070min (+0.103) 0.40ng/ul

response 227

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 240.00 | 100   | 100     |
| 120.00 | 20.60 | 191.63# |
| 236.00 | 34.90 | 123.89# |
| 0.00   | 0.00  | 0.00    |

## Quantitation Report (Qedit)

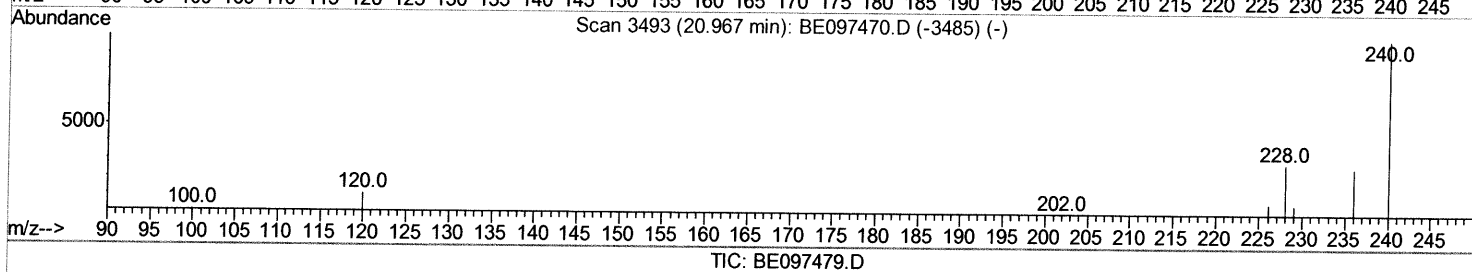
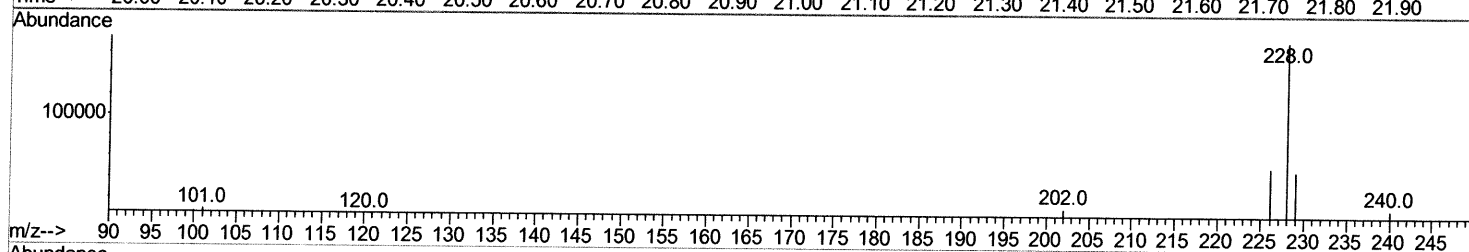
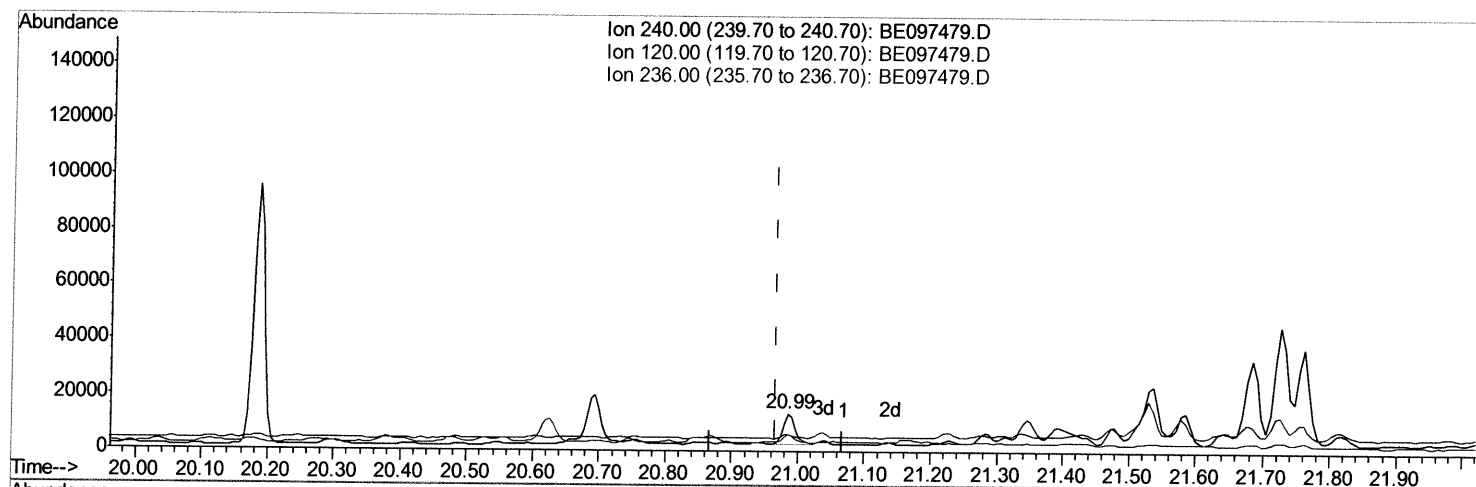
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:46:55 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(16) Chrysene-d12 (I)

20.985min (+0.018) 0.40ng/ul m) SJ 9/14/18

response 13930

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.60 | 44.69# |
| 236.00 | 34.90 | 44.94# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

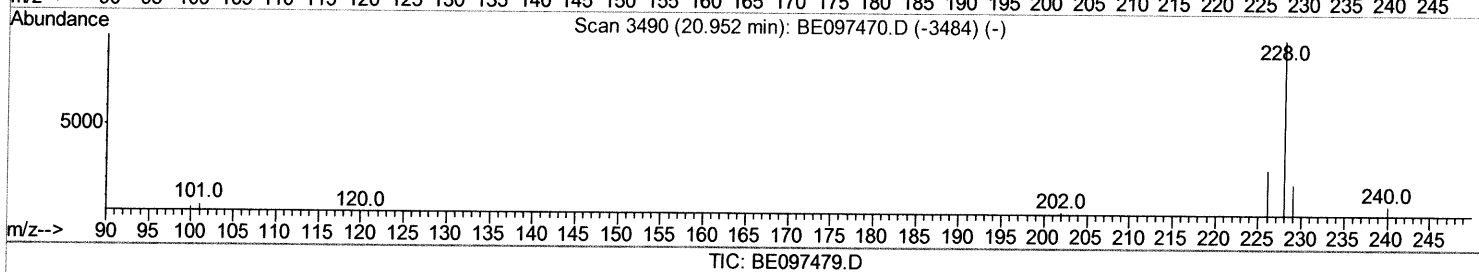
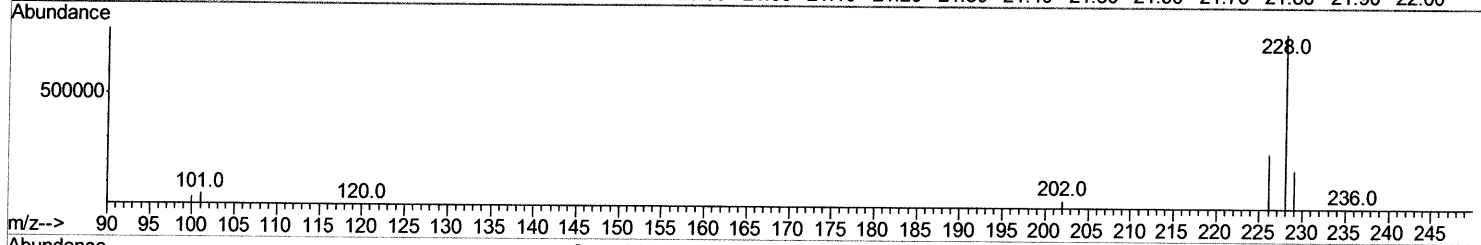
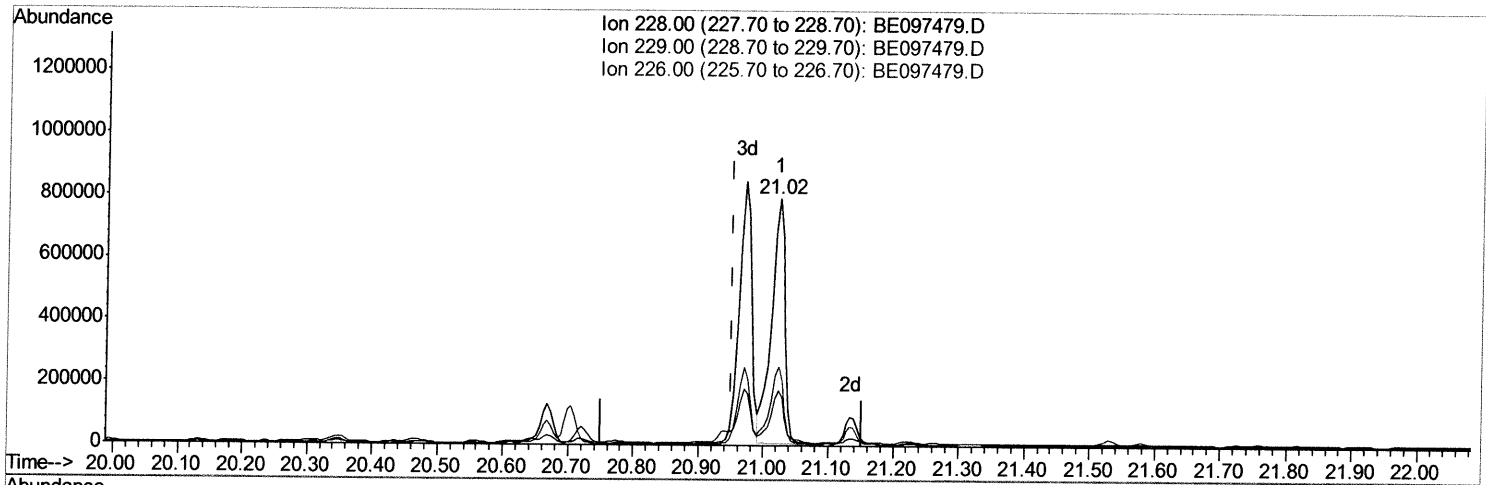
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
 Data File : BE097479.D  
 Acq On : 13 Sep 2018 8:38  
 Operator : SJ/JU  
 Sample : J4792-16  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A3YY5

Manual Integrations  
 APPROVED

Sohil  
 9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:48:44 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 13 07:48:38 2018  
 Response via : Initial Calibration



(18) Benzo(a)anthracene

21.022min (+0.071) 32.09ng/ul

response 1148464

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 28.50 | 22.28# |
| 226.00 | 21.30 | 31.93# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

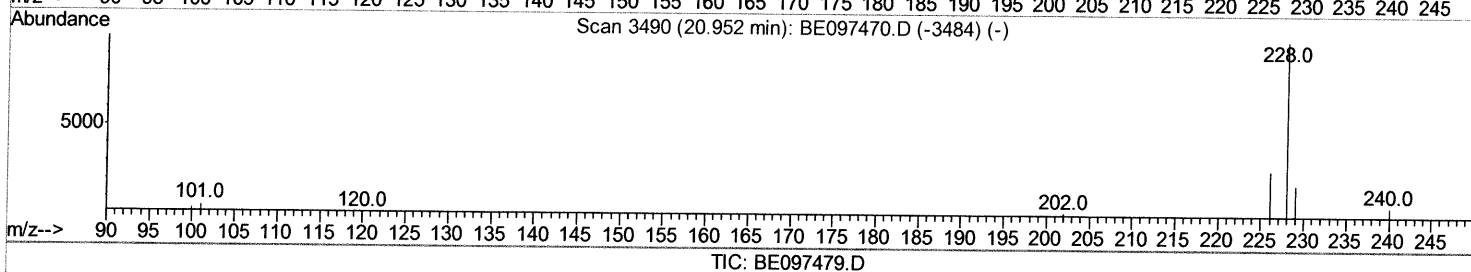
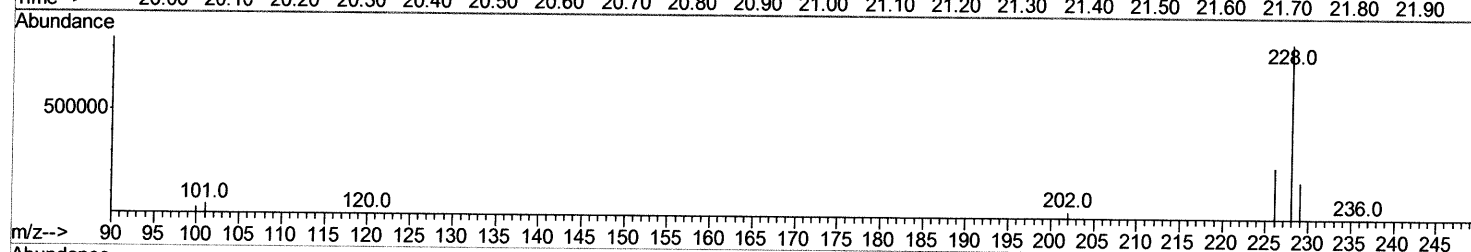
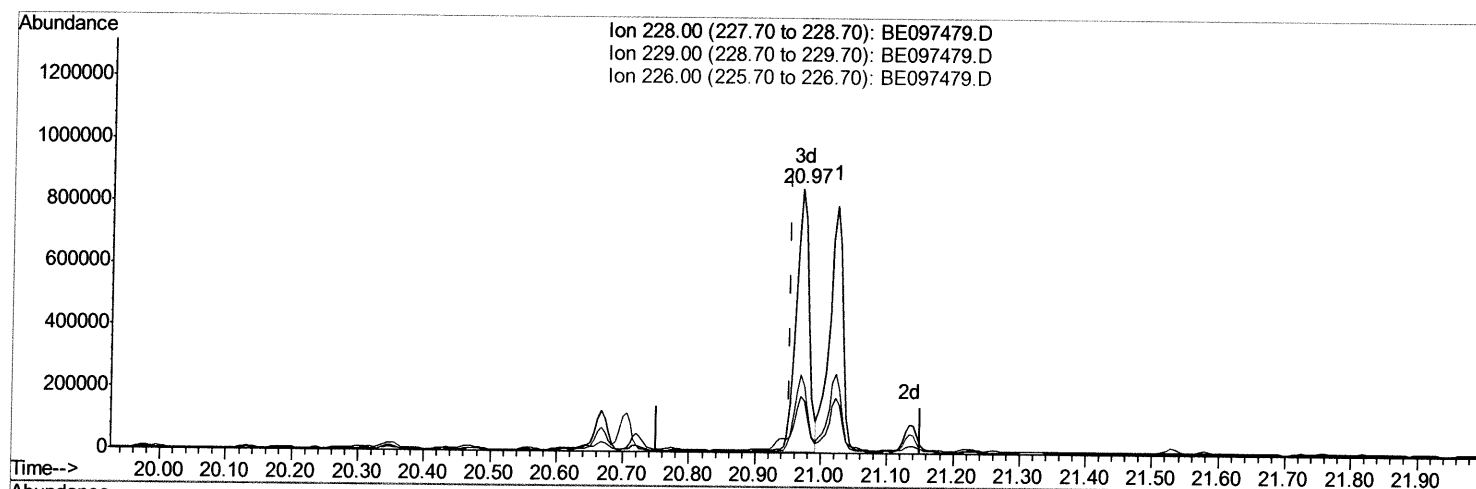
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:48:44 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(18) Benzo(a)anthracene

20.969min (+0.018) 31.66ng/ul m) SJ 9/14/18

response 1132912

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 28.50 | 21.50# |
| 226.00 | 21.30 | 29.50# |
| 0.00   | 0.00  | 0.00   |



## Quantitation Report (Qedit)

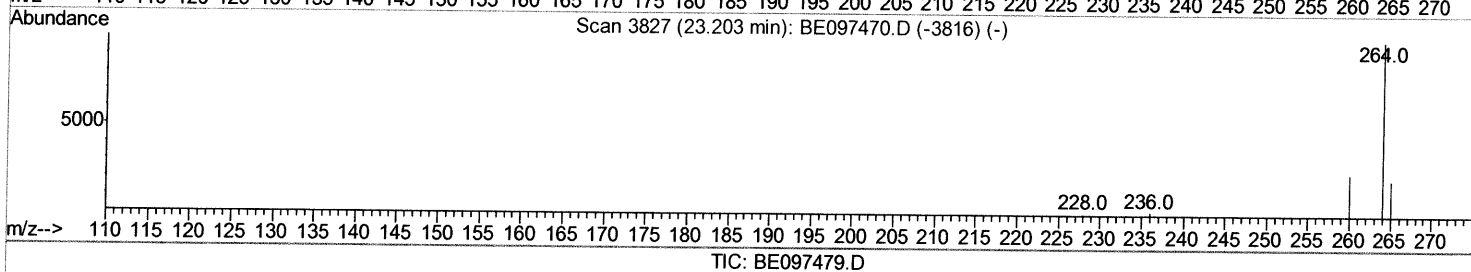
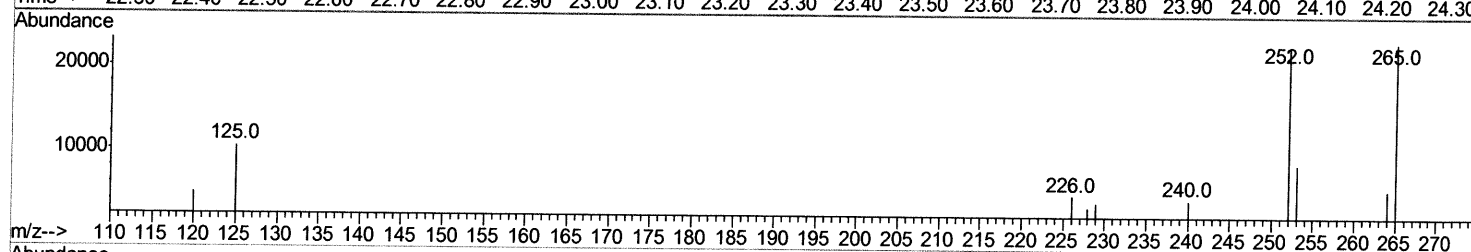
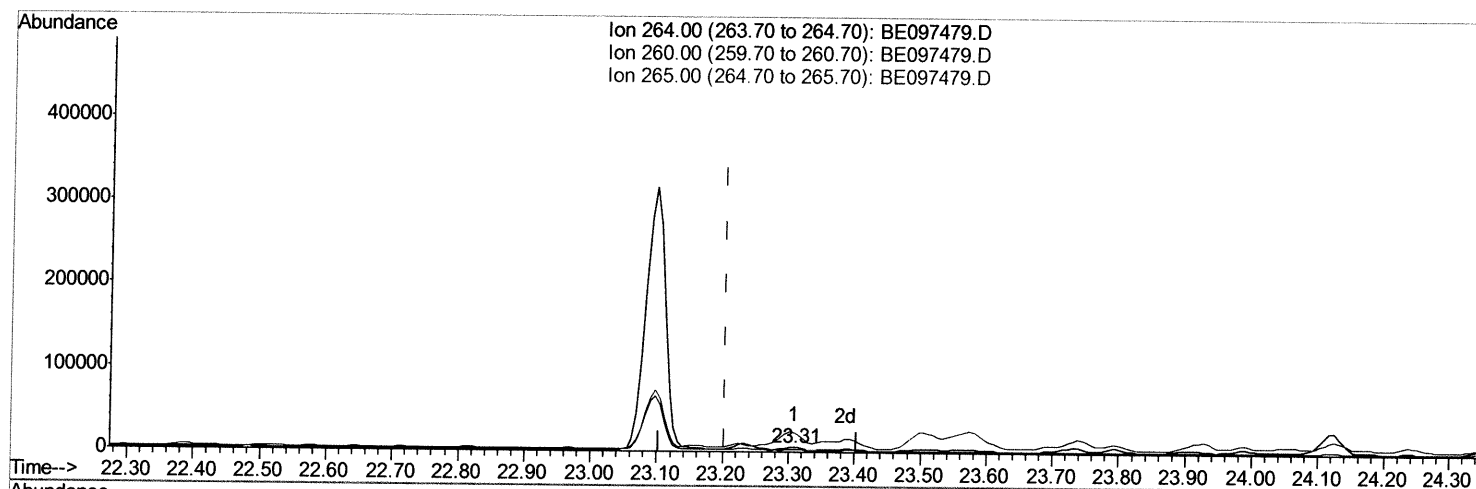
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:49:49 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.308min (+0.105) 0.40ng/ul

response 5364

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 264.00 | 100    | 100     |
| 260.00 | 30.10  | 41.48#  |
| 265.00 | 103.50 | 417.18# |
| 0.00   | 0.00   | 0.00    |



## Quantitation Report (Qedit)

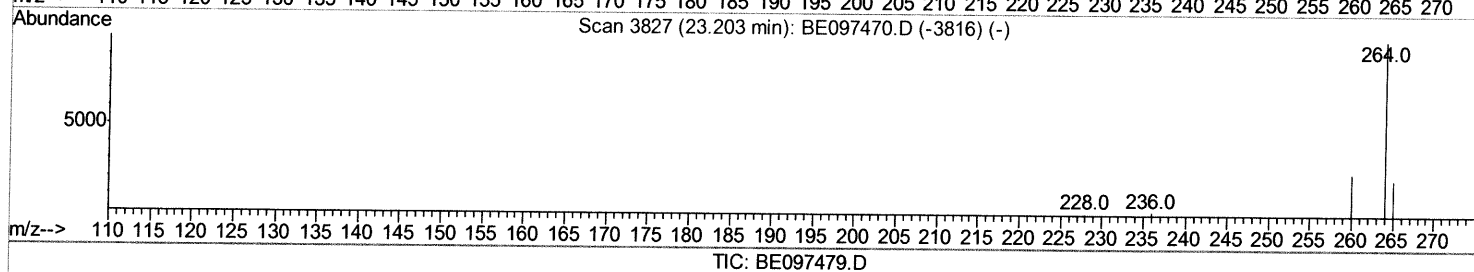
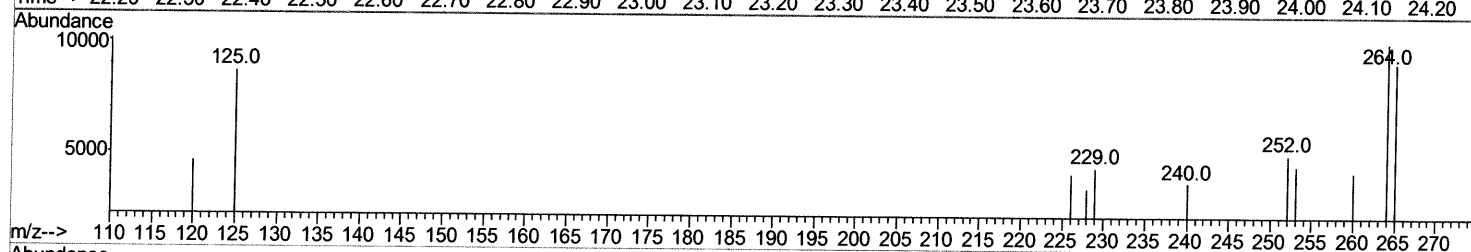
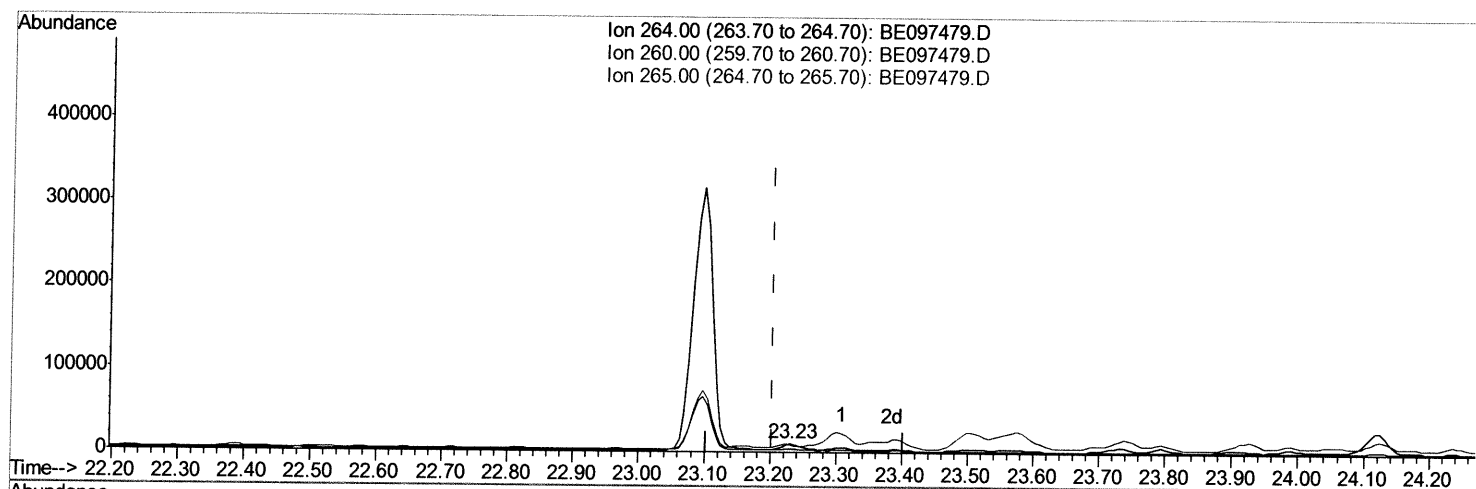
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:49:49 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.231min (+0.027) 0.40ng/ul m> SJ 9/18/18

response 14829

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 42.15# |
| 265.00 | 103.50 | 90.74  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

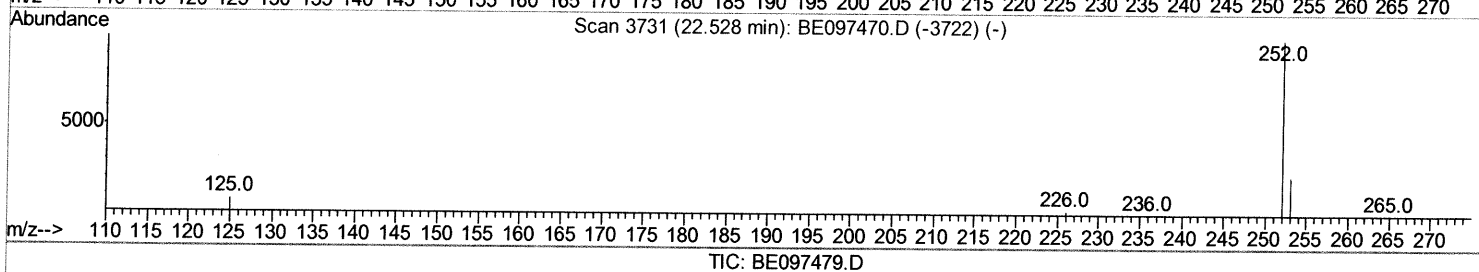
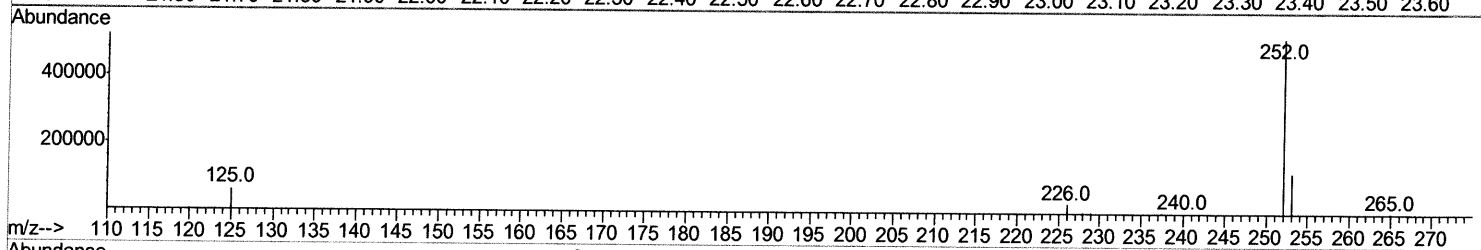
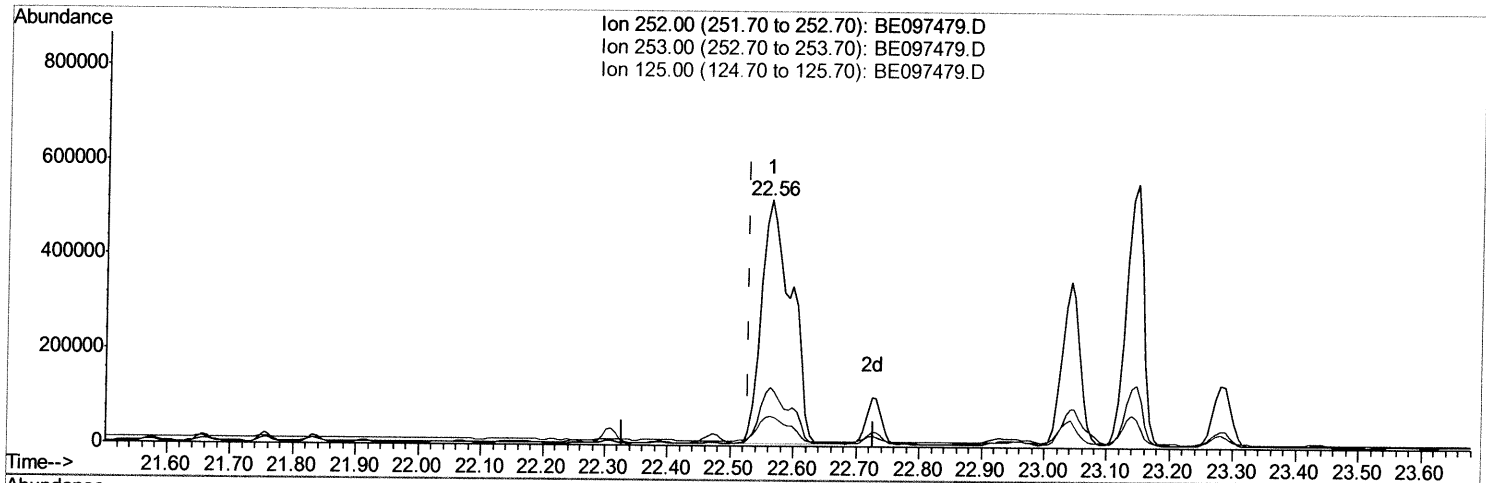
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
 Data File : BE097479.D  
 Acq On : 13 Sep 2018 8:38  
 Operator : SJ/JU  
 Sample : J4792-16  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A3YY5

Manual Integrations  
 APPROVED

Sohil  
 9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:51:17 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 13 07:48:38 2018  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.563min (+0.035) 42.76ng/ul

response 1698198

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.83 |
| 125.00 | 17.50 | 12.27 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

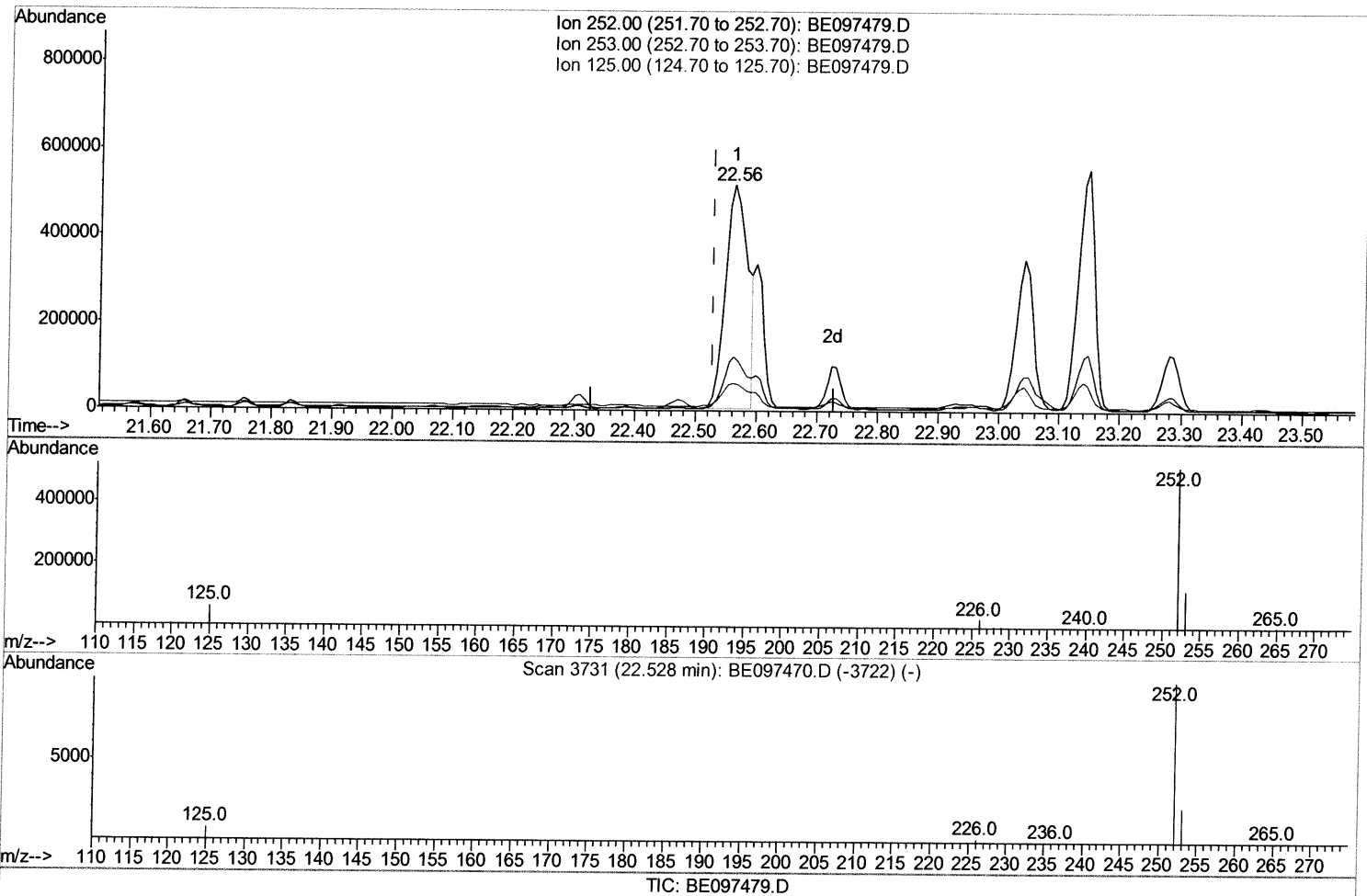
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:51:17 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.563min (+0.035) 33.14ng/ul m > SJ 9/14/18

response 1315963

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 23.83 |
| 125.00 | 17.50 | 12.27 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

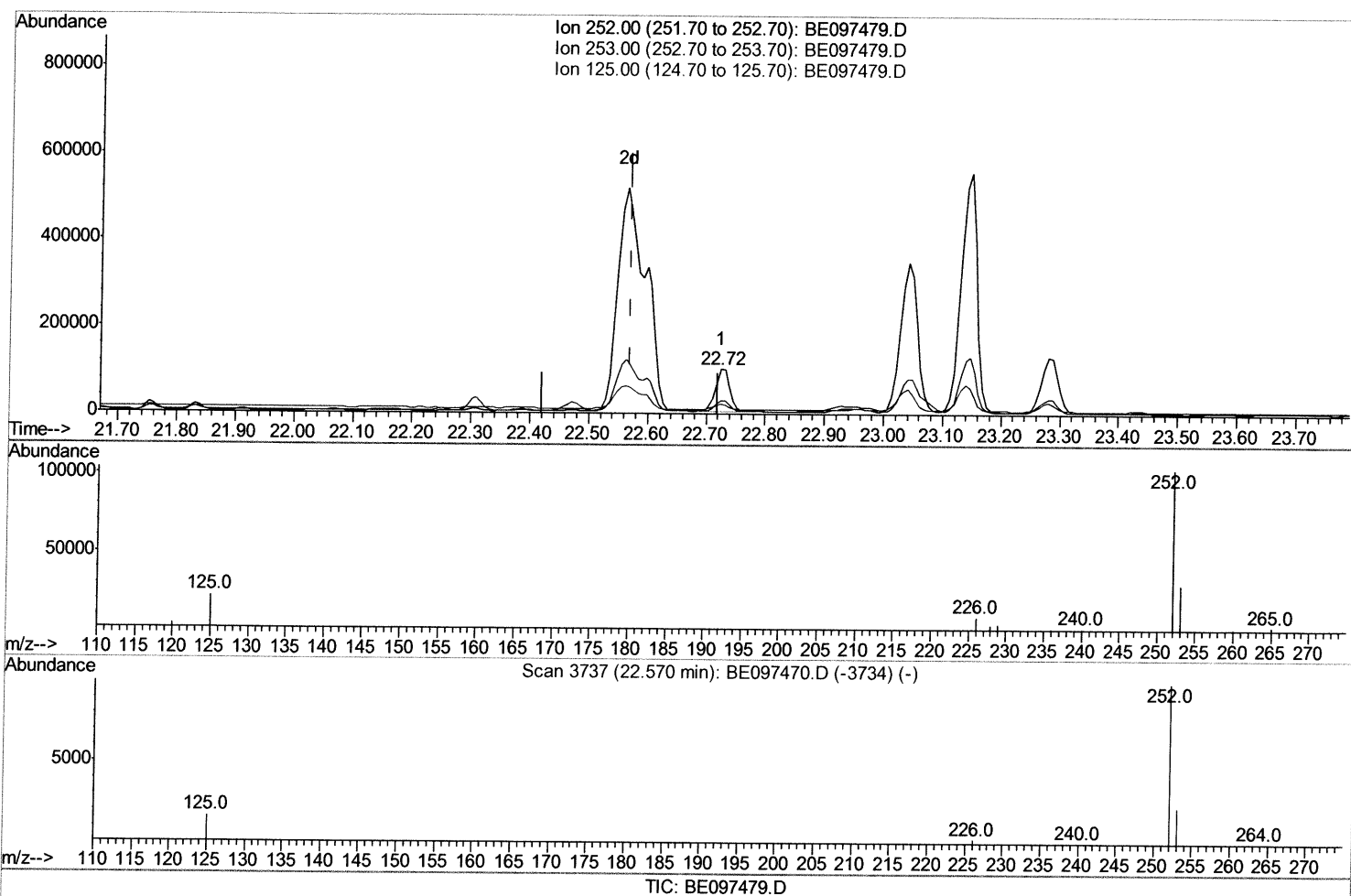
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:51:17 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.724min (+0.154) 3.69ng/ul

response 163581

| Ion | Exp% | Act% |
|-----|------|------|
|-----|------|------|

|        |     |     |
|--------|-----|-----|
| 252.00 | 100 | 100 |
|--------|-----|-----|

|        |       |       |
|--------|-------|-------|
| 253.00 | 30.60 | 29.29 |
|--------|-------|-------|

|        |       |        |
|--------|-------|--------|
| 125.00 | 17.10 | 21.26# |
|--------|-------|--------|

|      |      |      |
|------|------|------|
| 0.00 | 0.00 | 0.00 |
|------|------|------|

## Quantitation Report (Qedit)

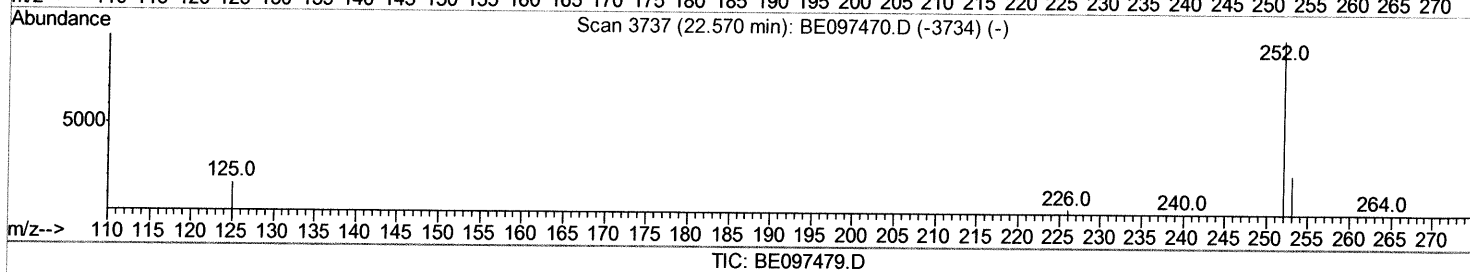
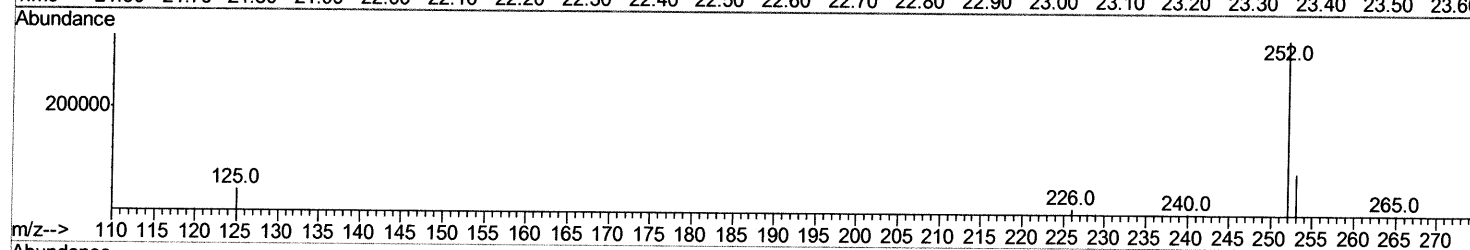
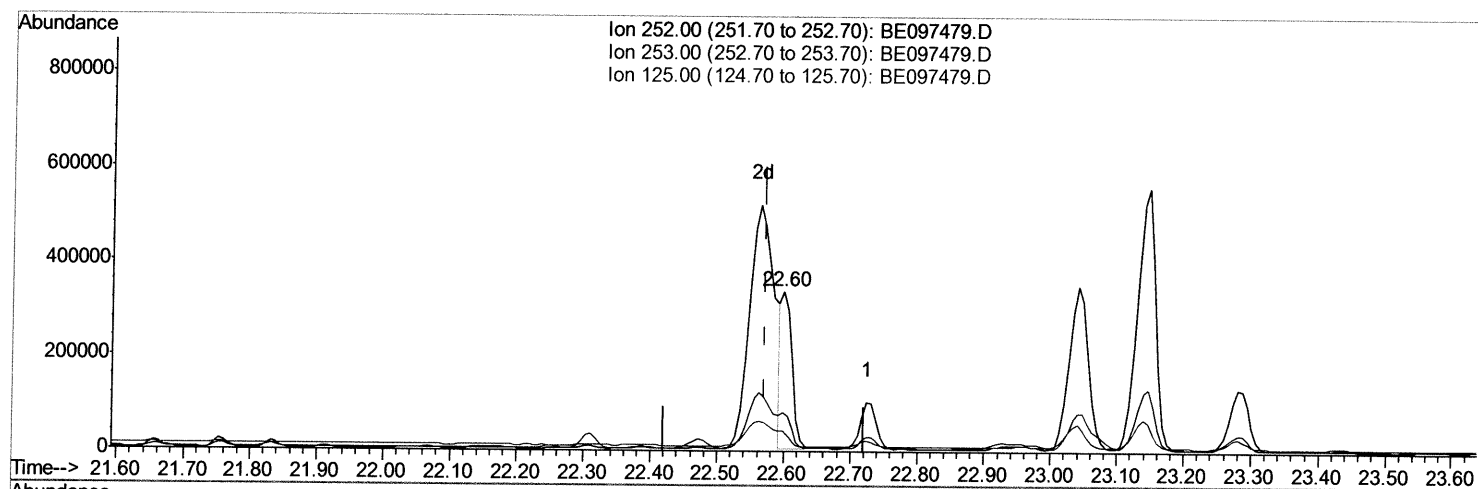
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampled :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:51:17 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.598min (+0.027) 8.38ng/ul m) SJ 9/14/18

response 371252

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 24.27# |
| 125.00 | 17.10 | 12.52# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

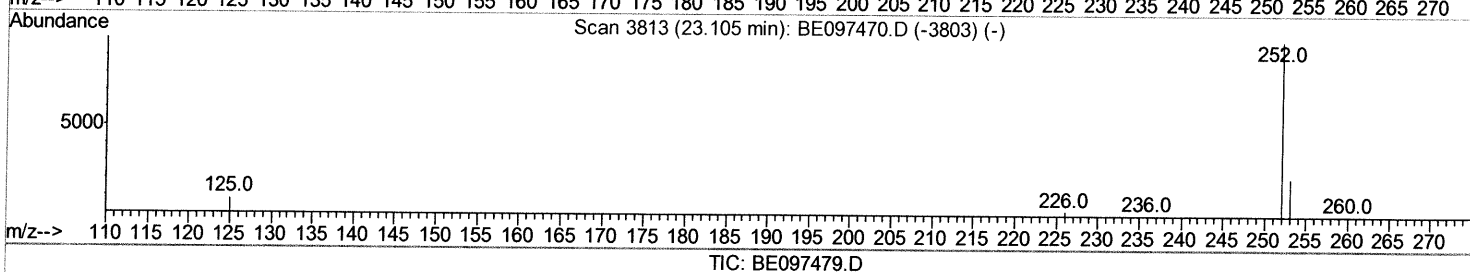
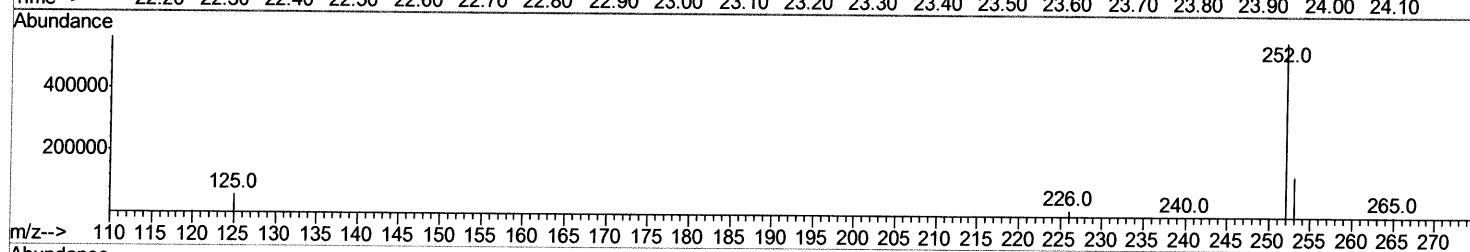
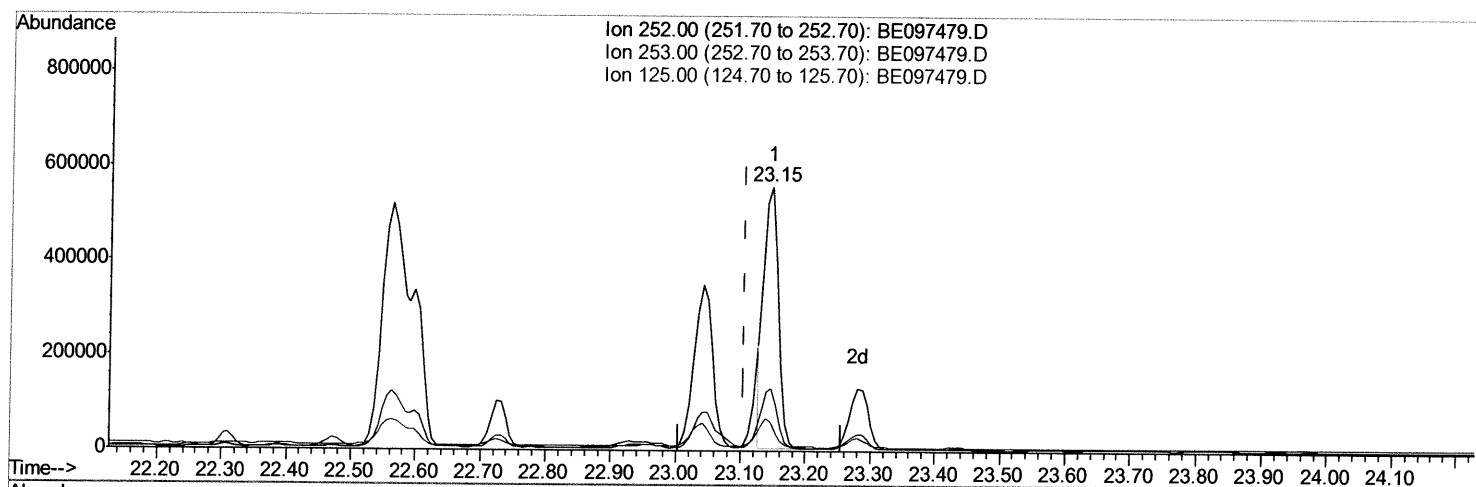
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:52:37 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.146min (+0.042) 24.01ng/ul

response 882055

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 23.76# |
| 125.00 | 22.60 | 10.96# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

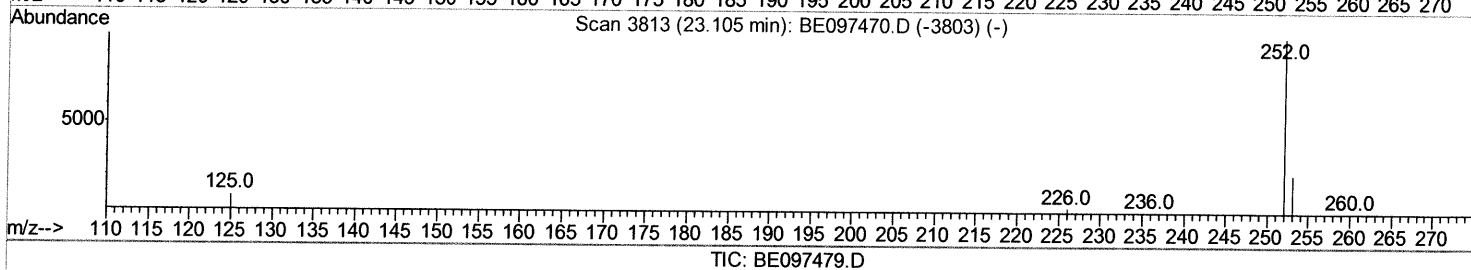
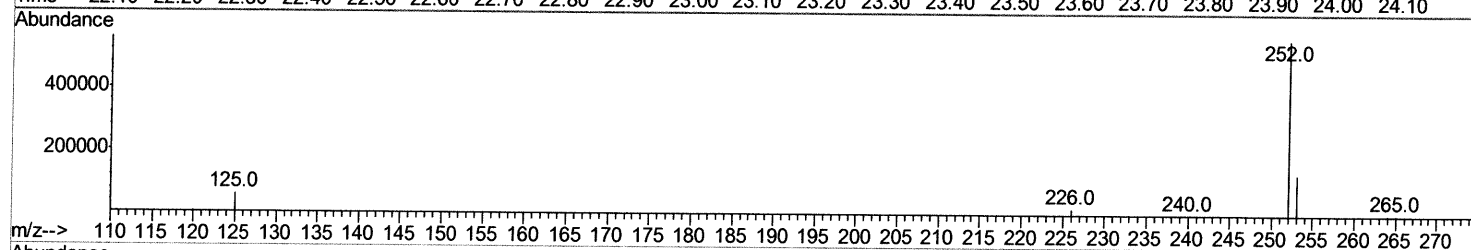
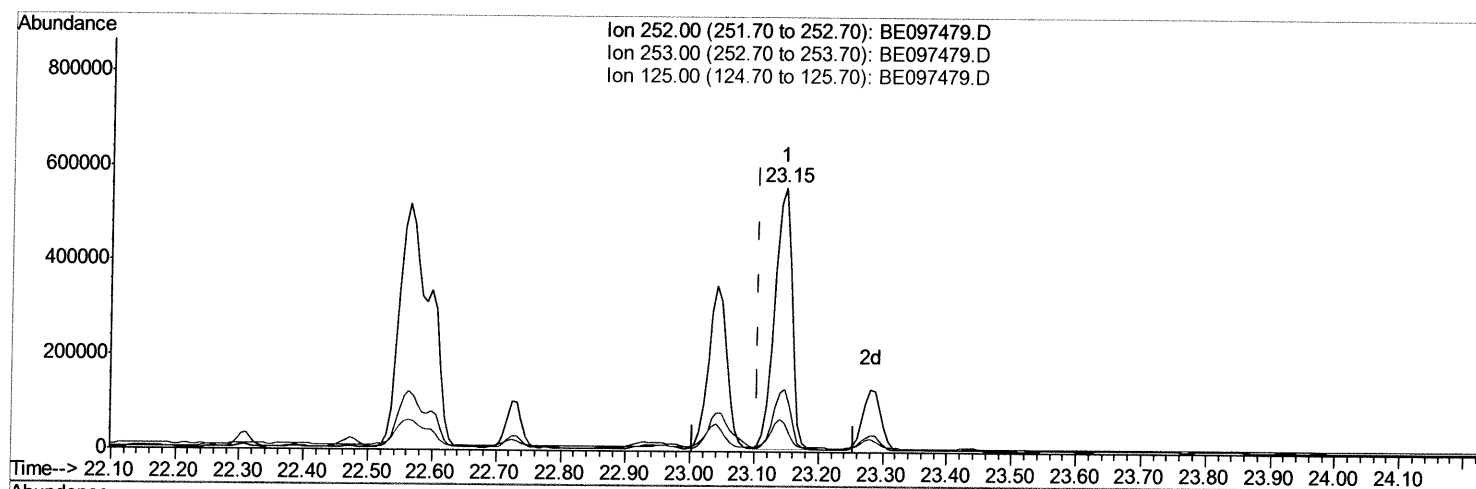
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:52:37 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.146min (+0.042) 28.13ng/ul m) SJ 9/14/18

response 1033384

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 23.76# |
| 125.00 | 22.60 | 10.96# |
| 0.00   | 0.00  | 0.00   |



## Quantitation Report (Qedit)

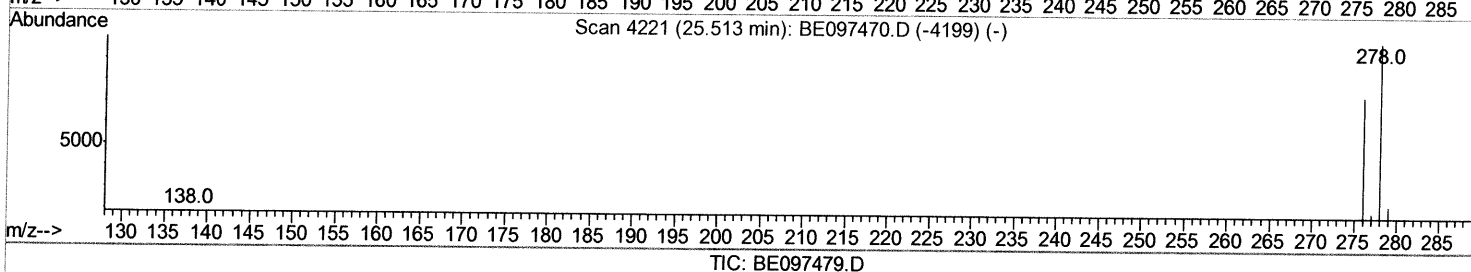
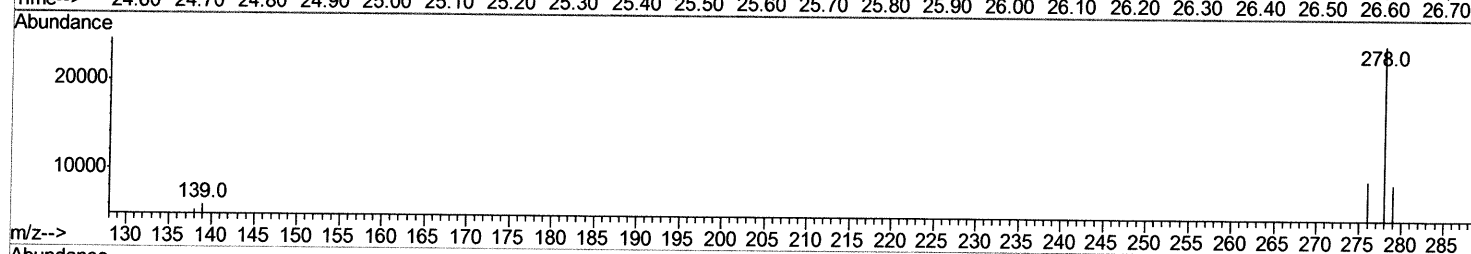
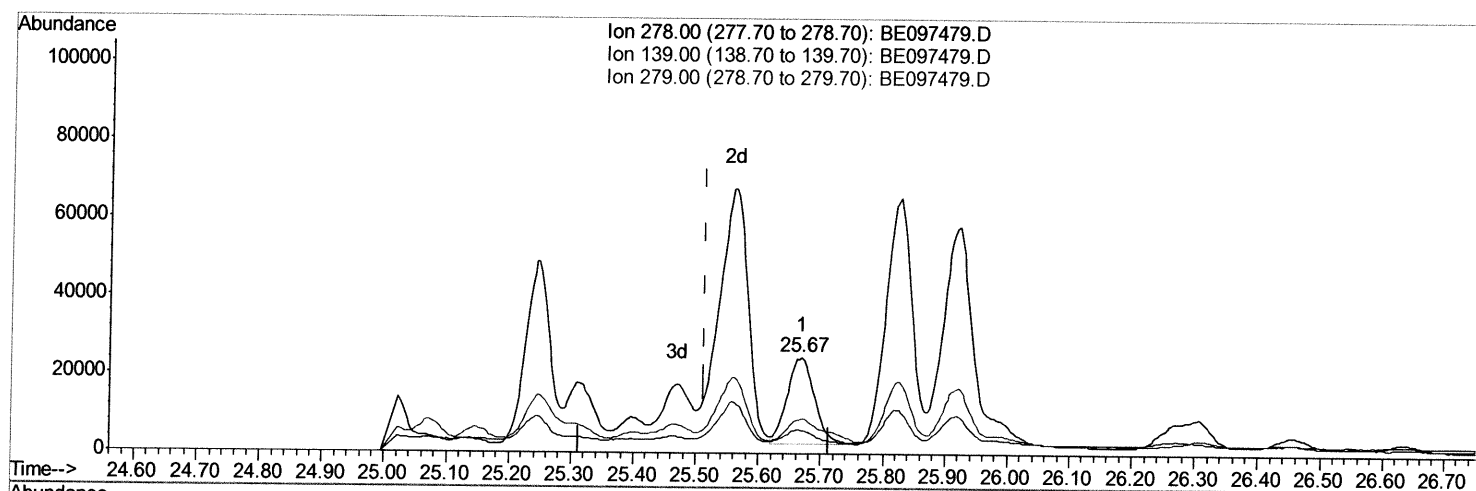
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:53:39 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.668min (+0.155) 1.68ng/ul

response 67793

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 21.70 | 24.24 |
| 279.00 | 32.40 | 36.28 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

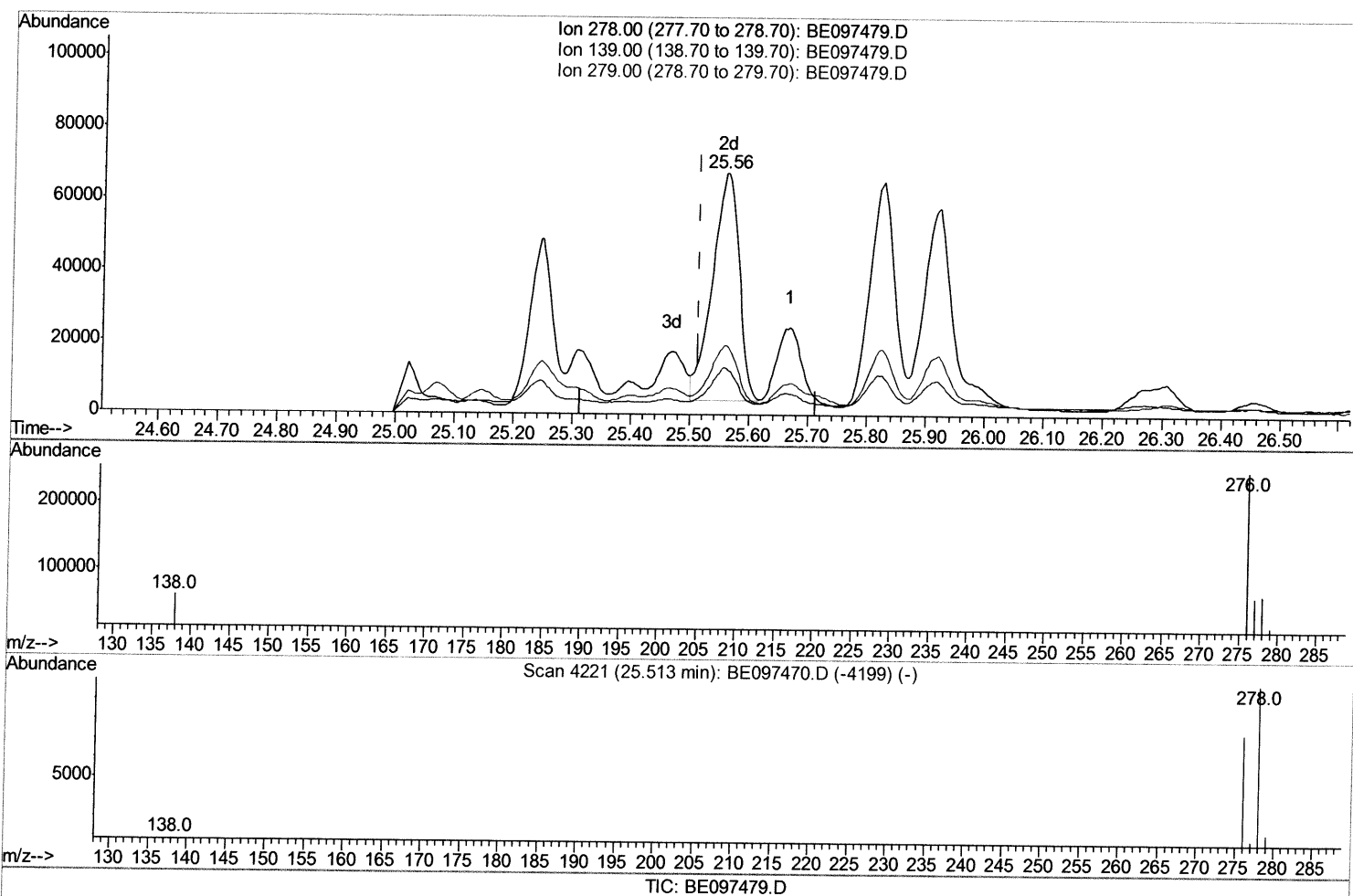
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097479.D  
Acq On : 13 Sep 2018 8:38  
Operator : SJ/JU  
Sample : J4792-16  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YY5

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:53:39 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 07:48:38 2018  
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.557min (+0.044) 4.94ng/ul m

response 199506

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 21.70 | 19.52 |
| 279.00 | 32.40 | 28.74 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
 Data File : BE097479.D  
 Acq On : 13 Sep 2018 8:38  
 Operator : SJ/JU  
 Sample : J4792-16  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A3YY5

Manual Integrations  
 APPROVED

Sohil  
 9/13/2018 5:43:06 PM

Quant Time: Sep 13 10:55:04 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 13 07:48:38 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.38  | 152  | 1549     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.12 | 136  | 8704     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.01 | 164  | 6012     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.77 | 188  | 12849m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 20.99 | 240  | 13930m   | 0.40   | ng/ul  | 0.02     |
| 20) Perylene-d12            | 23.23 | 264  | 14829m   | 0.40   | ng/ul  | 0.03     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.72 | 152  | 2890     | 0.21   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.81 | 212  | 6924m    | 0.16   | ng/ul  | 0.01     |
| Target Compounds            |       |      |          |        |        |          |
|                             |       |      |          |        | Ovalue |          |
| 3) Naphthalene              | 10.17 | 128  | 35000    | 1.649  | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 11.79 | 142  | 19244    | 1.435  | ng/ul  | 98       |
| 7) Acenaphthylene           | 13.73 | 152  | 12734    | 0.582  | ng/ul# | 93       |
| 8) Acenaphthene             | 14.07 | 153  | 77991    | 4.140  | ng/ul  | 98       |
| 9) Fluorene                 | 15.07 | 166  | 78978    | 3.661  | ng/ul  | 95       |
| 12) Phenanthrene            | 16.81 | 178  | 1444451m | 43.671 | ng/ul  |          |
| 13) Anthracene              | 16.90 | 178  | 334782m  | 12.039 | ng/ul  |          |
| 15) Fluoranthene            | 18.85 | 202  | 1935550m | 45.552 | ng/ul  |          |
| 17) Pyrene                  | 19.22 | 202  | 2357382  | 62.888 | ng/ul# | 81       |
| 18) Benzo(a)anthracene      | 20.97 | 228  | 1132912m | 31.660 | ng/ul  |          |
| 19) Chrysene                | 21.02 | 228  | 1148464  | 27.856 | ng/ul  | 97       |
| 21) Benzo(b)fluoranthene    | 22.56 | 252  | 1315963m | 33.138 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.60 | 252  | 371252m  | 8.384  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.15 | 252  | 1033384m | 28.128 | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.56 | 276  | 718063   | 15.080 | ng/ul# | 78       |
| 25) Dibenzo(a,h)anthracene  | 25.56 | 278  | 199506m  | 4.945  | ng/ul  |          |
| 26) Benzo(a,h,i)perylene    | 26.27 | 276  | 698633   | 17.210 | ng/ul# | 92       |

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