

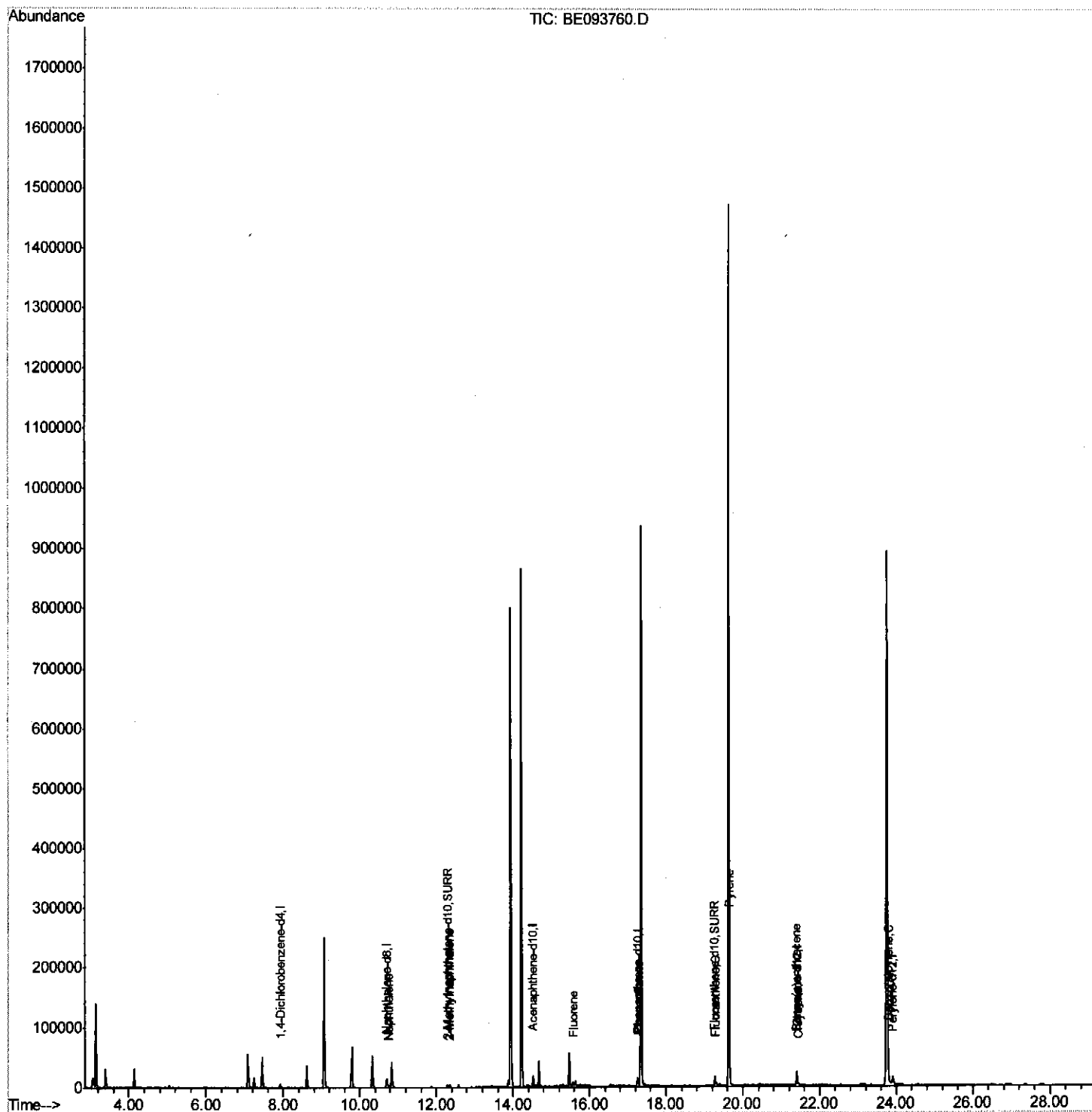
Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE081017\  
Data File : BE093760.D  
Acq On : 10 Aug 2017 23:55  
Operator : SJ/JU  
Sample : I4529-10  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
C0AA4

Manual Integrations  
APPROVED

sohil  
8/14/2017 7:04:04 PM

Quant Time: Aug 11 18:40:05 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE072417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 11 06:07:04 2017  
Response via : Initial Calibration



# Quantitation Report (Qedit)

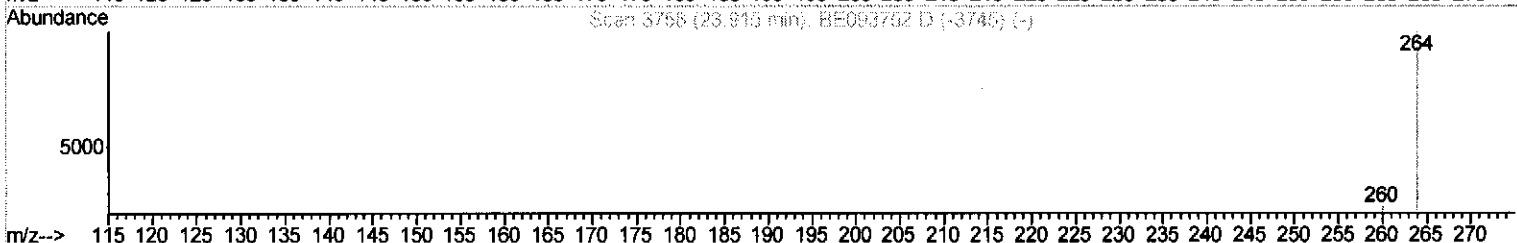
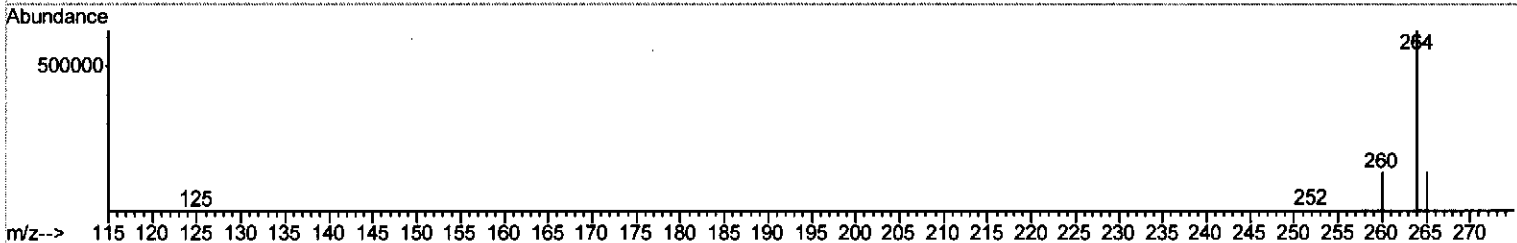
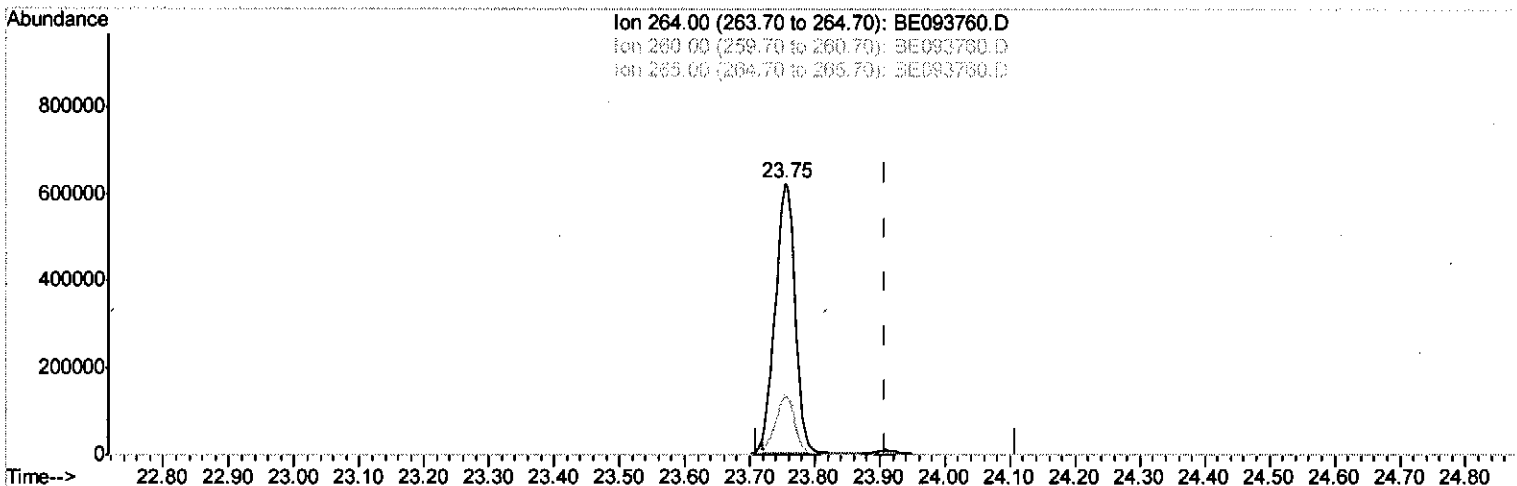
Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE081017\  
 Data File : BE093760.D  
 Acq On : 10 Aug 2017 23:55  
 Operator : SJ/JU  
 Sample : I4529-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 C0AA4

Manual Integrations  
 APPROVED

sohil  
 8/14/2017 7:04:04 PM

Quant Time: Aug 11 17:30:53 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE072417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 11 06:07:04 2017  
 Response via : Initial Calibration



TIC: BE093760.D

(20) Perylene-d12 (I)

23.754min (-0.155) 0.40ng/ul

response 1321257

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 21.30# |
| 265.00 | 103.50 | 21.65# |
| 0.00   | 0.00   | 0.00   |

## Quantitation Report (Qedit)

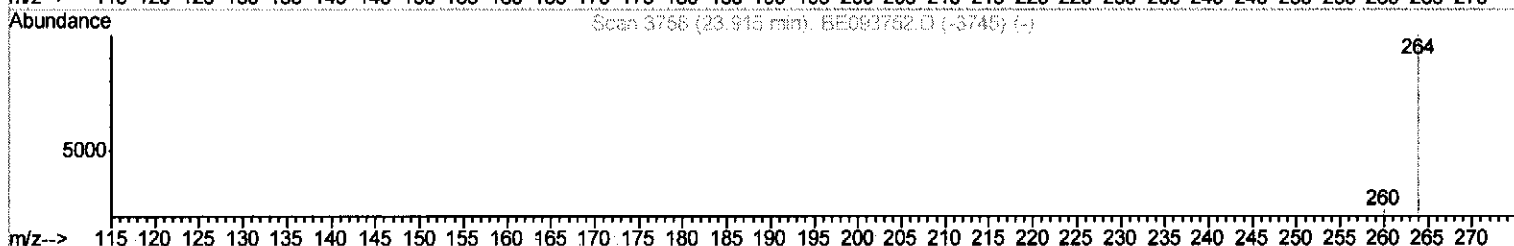
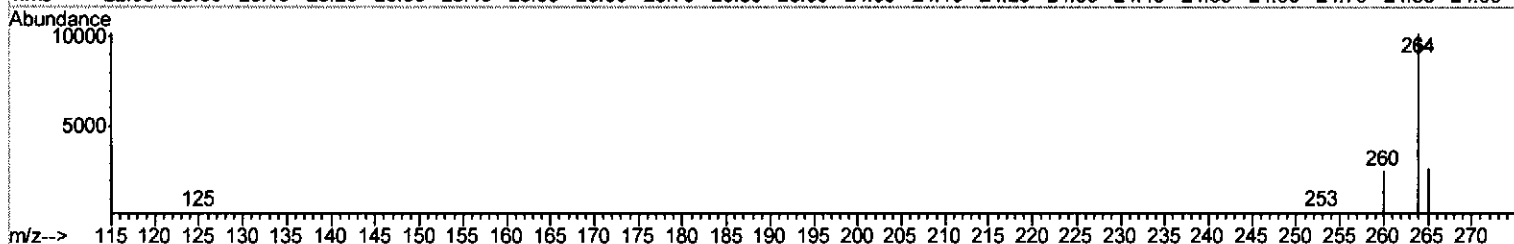
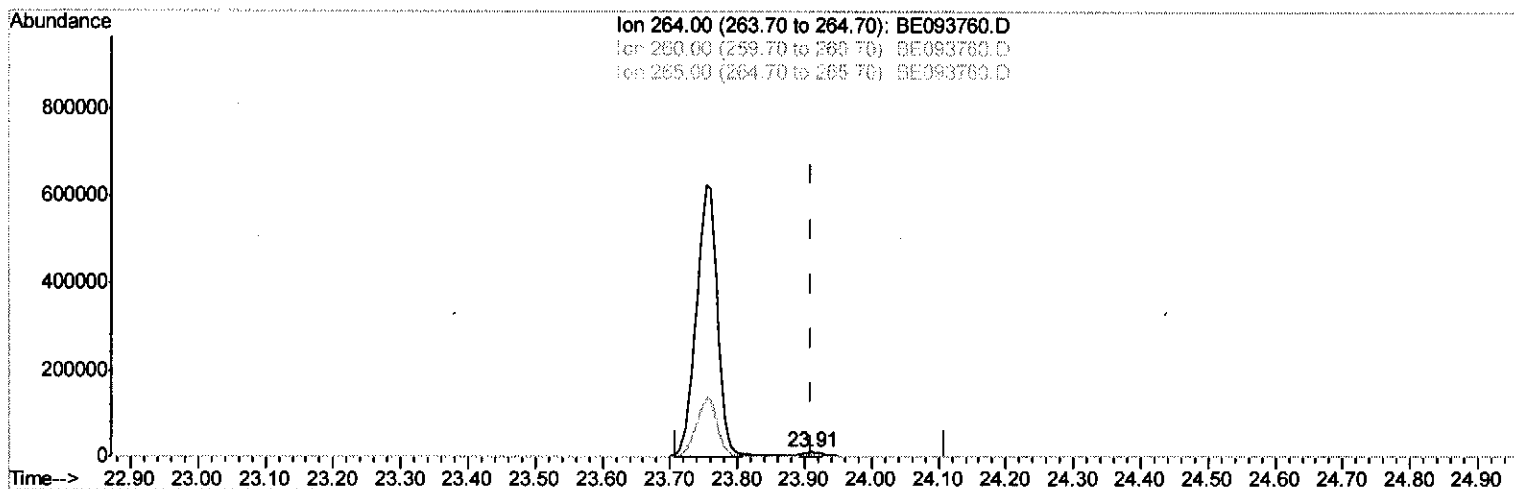
Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE081017\  
Data File : BE093760.D  
Acq On : 10 Aug 2017 23:55  
Operator : SJ/JU  
Sample : I4529-10  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampled :  
C0AA4

Manual Integrations  
APPROVED

sohil  
8/14/2017 7:04:04 PM

Quant Time: Aug 11 17:30:53 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE072417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 11 06:07:04 2017  
Response via : Initial Calibration



TIC: BE093760.D

(20) Perylene-d12 (I)

23.909min (-0.000) 0.40ng/ul m *SJL*

response 17627

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 25.38  |
| 265.00 | 103.50 | 26.85# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

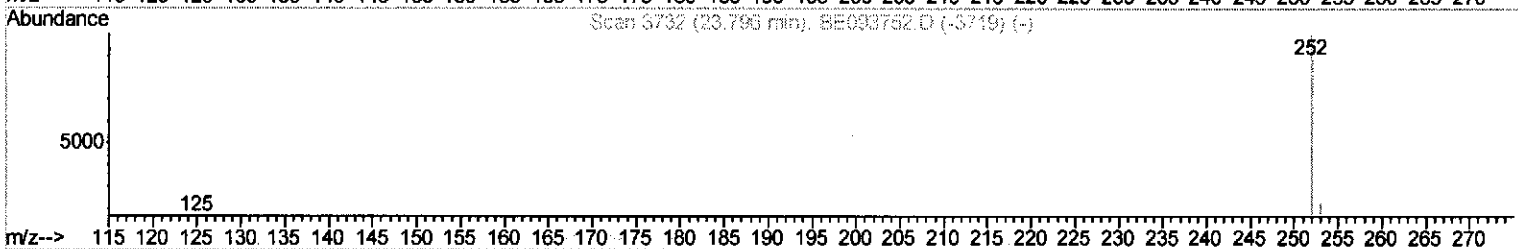
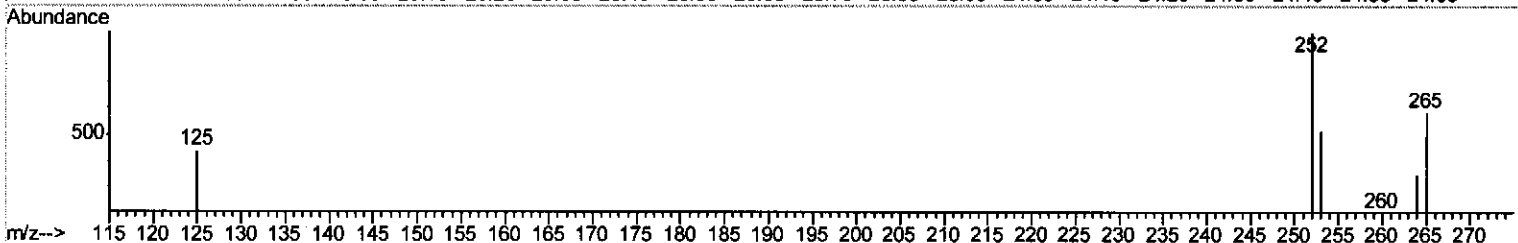
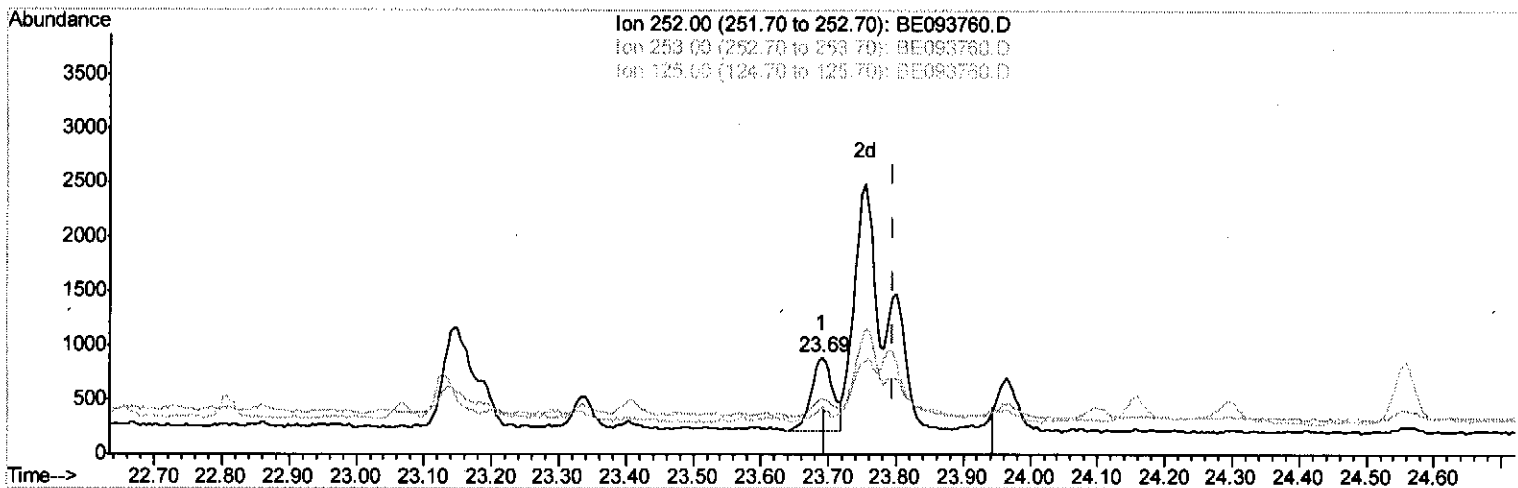
Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE081017\  
 Data File : BE093760.D  
 Acq On : 10 Aug 2017 23:55  
 Operator : SJ/JU  
 Sample : I4529-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AA4

Manual Integrations  
 APPROVED

sohil  
 8/14/2017 7:04:04 PM

Quant Time: Aug 11 18:39:24 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE072417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 11 06:07:04 2017  
 Response via : Initial Calibration



TIC: BE093760.D

(23) Benzo(a)pyrene (C)

23.691min (-0.105) 0.03ng/ul

response 1505

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 57.42# |
| 125.00 | 22.60 | 49.21# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

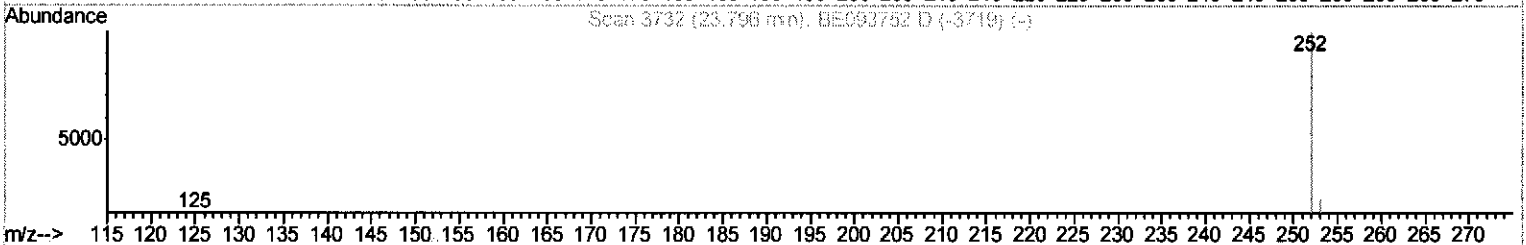
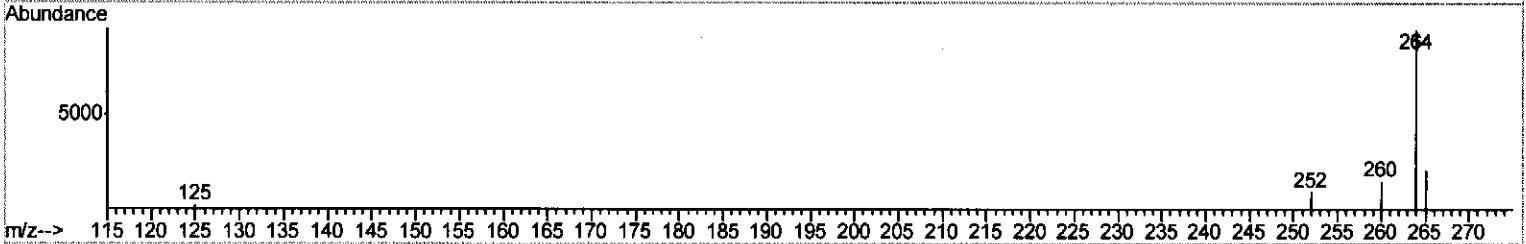
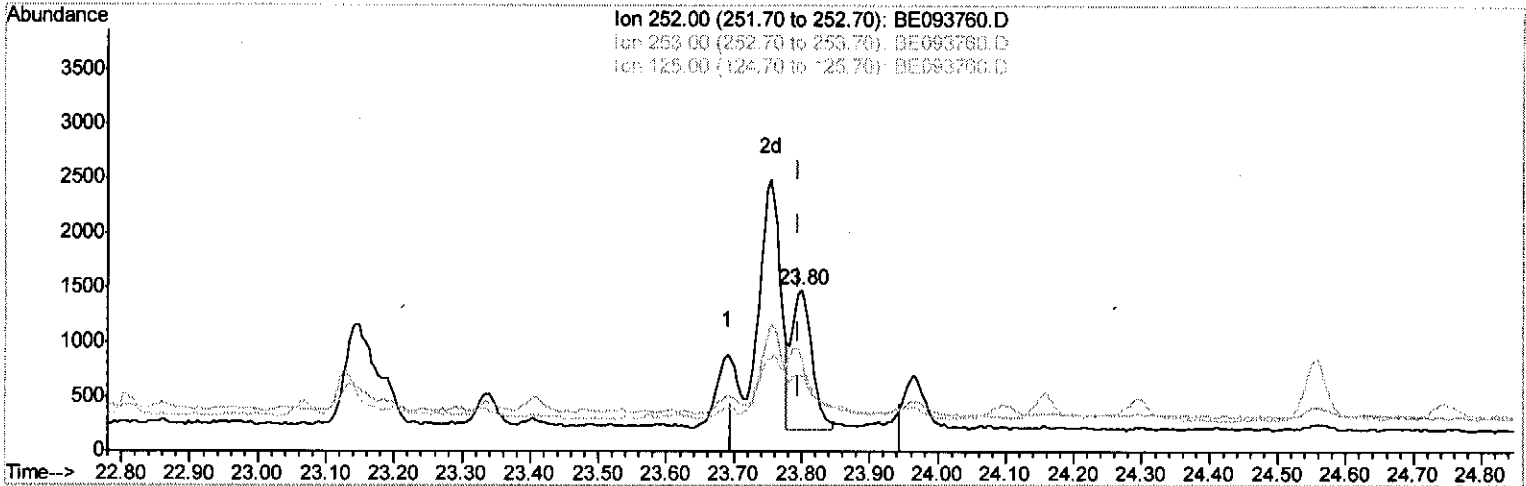
Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE081017\  
Data File : BE093760.D  
Acq On : 10 Aug 2017 23:55  
Operator : SJ/JU  
Sample : I4529-10  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampled :  
C0AA4

Manual Integrations  
APPROVED

sohil  
8/14/2017 7:04:04 PM

Quant Time: Aug 11 18:39:24 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE072417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 11 06:07:04 2017  
Response via : Initial Calibration



TIC: BE093760.D

(23) Benzo(a)pyrene (C)

23.800min (+0.004) 0.05ng/ul m *[Signature]* 8/14/17

response 2608

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 35.60 | 47.09# |
| 125.00 | 22.60 | 57.99# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE081017\  
 Data File : BE093760.D  
 Acq On : 10 Aug 2017 23:55  
 Operator : SJ/JU  
 Sample : I4529-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AA4

Manual Integrations  
 APPROVED

sohil  
 8/14/2017 7:04:04 PM

Quant Time: Aug 11 18:40:05 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE072417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 11 06:07:04 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 2915     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.71 | 136  | 15585    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.52 | 164  | 9960     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.26 | 188  | 21303    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.41 | 240  | 21295    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.91 | 264  | 17627m   | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.29 | 152  | 6881     | 0.27 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.27 | 212  | 18420    | 0.27 | ng/ul | 0.00     |

| Target Compounds       | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene         | 10.75 | 128  | 2705     | 0.071 | ng/ul# | 93     |
| 5) 2-Methylnaphthalene | 12.36 | 142  | 3674     | 0.133 | ng/ul  | 99     |
| 9) Fluorene            | 15.57 | 166  | 4081     | 0.098 | ng/ul# | 86     |
| 12) Phenanthrene       | 17.29 | 178  | 12744    | 0.220 | ng/ul# | 91     |
| 15) Fluoranthene       | 19.30 | 202  | 6912     | 0.095 | ng/ul  | 84     |
| 17) Pyrene             | 19.66 | 202  | 13157    | 0.212 | ng/ul# | 89     |
| 18) Benzo(a)anthracene | 21.39 | 228  | 3889     | 0.063 | ng/ul# | 72     |
| 19) Chrysene           | 21.44 | 228  | 3699     | 0.062 | ng/ul# | 70     |
| 23) Benzo(a)pyrene     | 23.80 | 252  | 2608m    | 0.050 | ng/ul  |        |

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