

# Quantitation Report (Qedit)

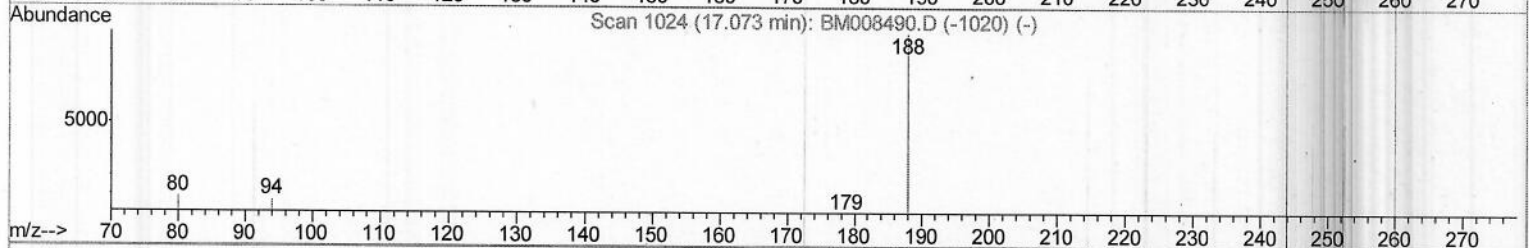
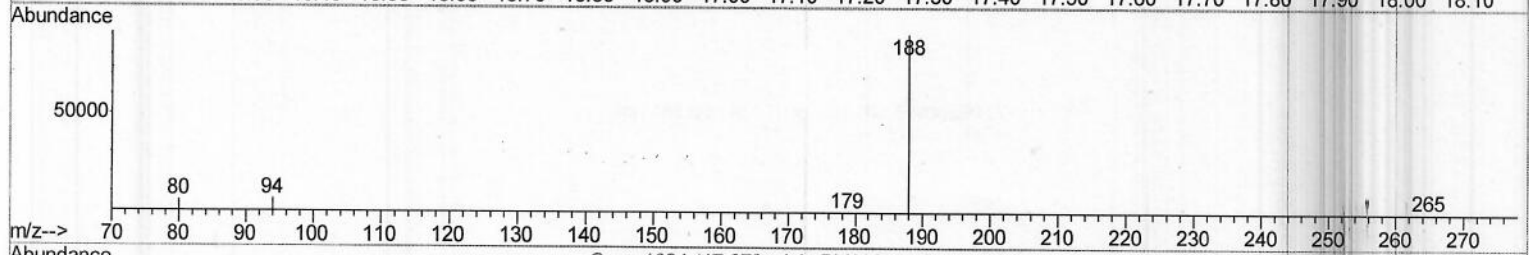
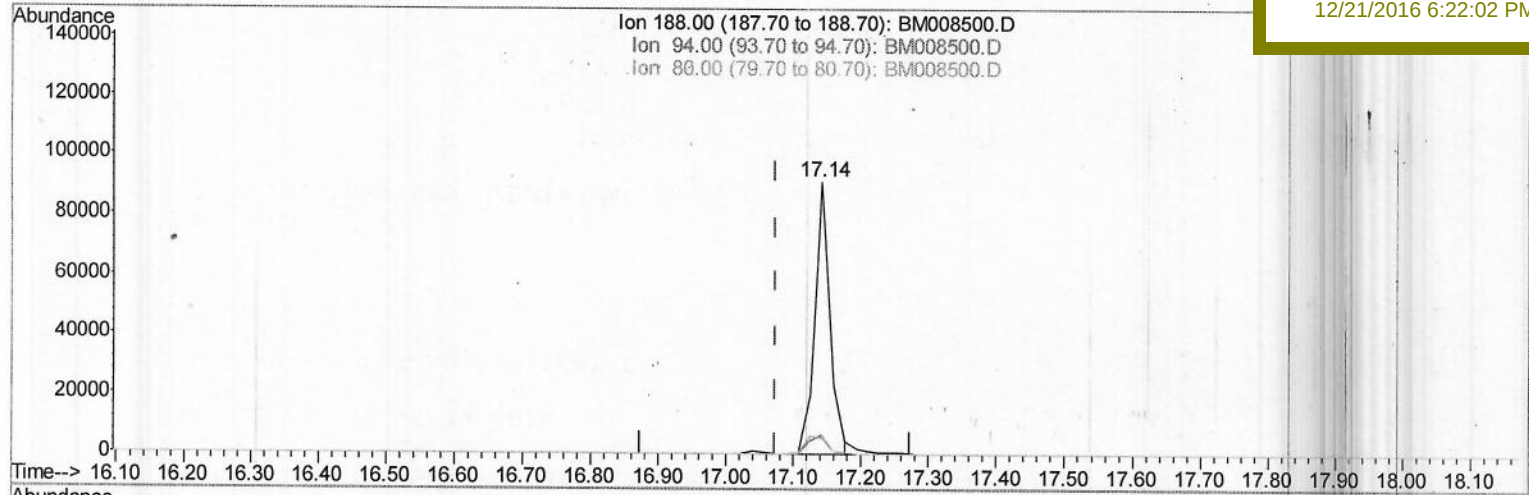
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122016\  
 Data File : BM008500.D  
 Acq On : 21 Dec 2016 03:41  
 Operator : UM/SJ  
 Sample : H6106-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 21 04:42:47 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 02:43:00 2016  
 Response via : Initial Calibration

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA7H1

**Manual Integrations**  
**APPROVED**

sohil  
 12/21/2016 6:22:02 PM



TIC: BM008500.D

(10) Phenanthrene-d10 (I)  
 17.142min (+0.069) 0.40ng/ul  
 response 141452

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 6.61# |
| 80.00  | 11.80 | 6.03# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

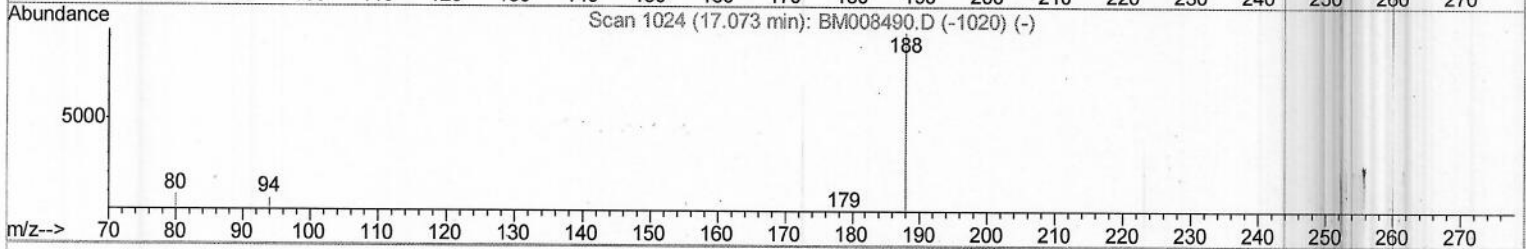
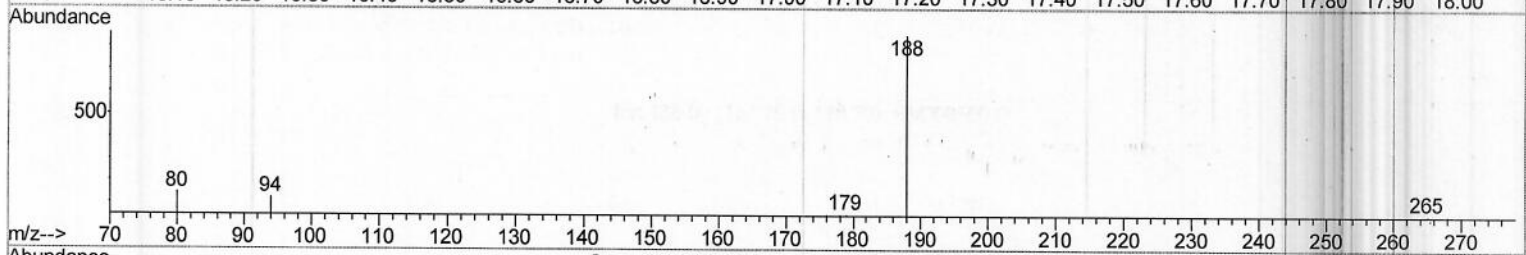
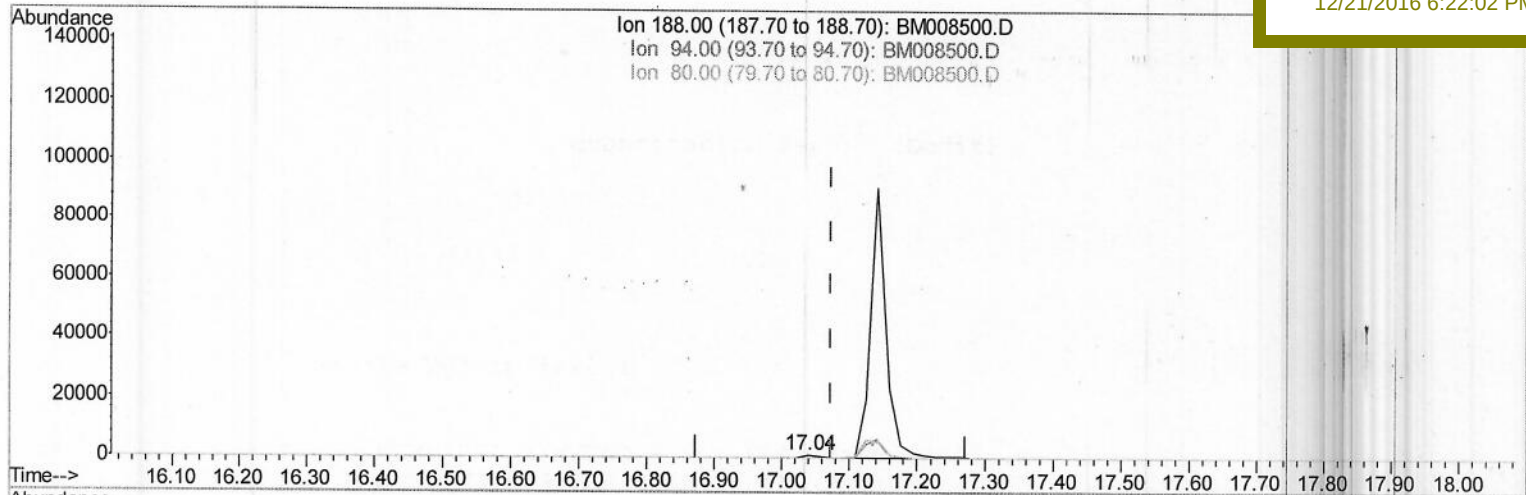
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122016\  
 Data File : BM008500.D  
 Acq On : 21 Dec 2016 03:41  
 Operator : UM/SJ  
 Sample : H6106-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA7H1

Quant Time: Dec 21 04:42:47 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 02:43:00 2016  
 Response via : Initial Calibration

**Manual Integrations**  
**APPROVED**

sohil  
 12/21/2016 6:22:02 PM



TIC: BM008500.D

(10) Phenanthrene-d10 (I)

17.039min (-0.034) 0.40ng/ul m

response 1577

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.00 | 14.39# |
| 80.00  | 11.80 | 16.71# |
| 0.00   | 0.00  | 0.00   |

*S.J*  
*12/21/16*

# Quantitation Report (Qedit)

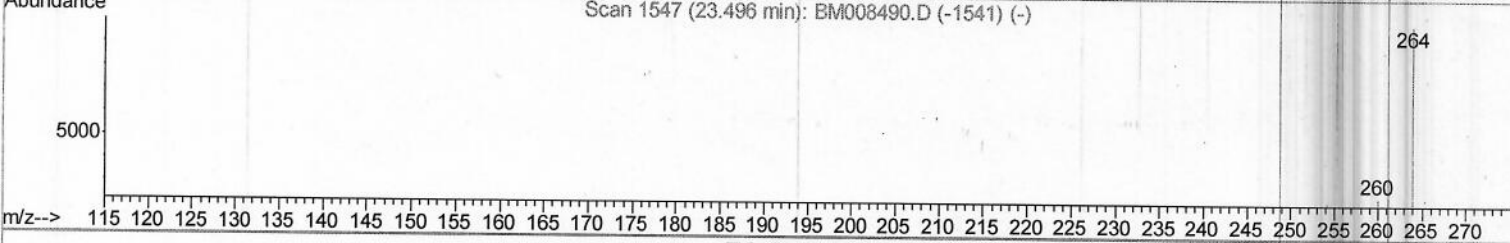
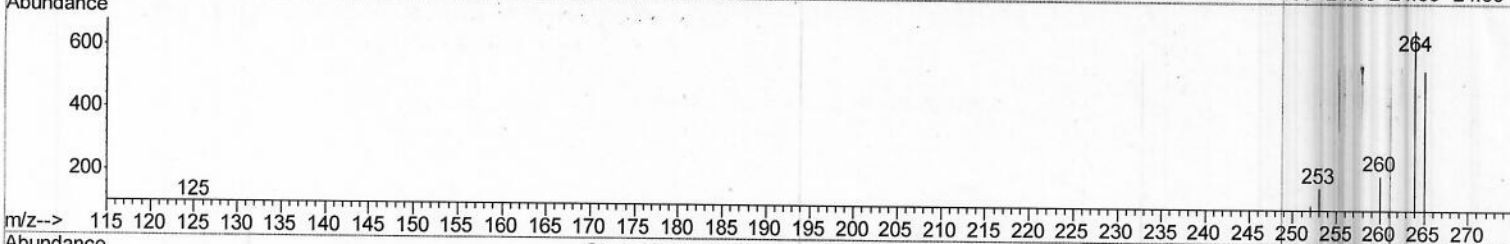
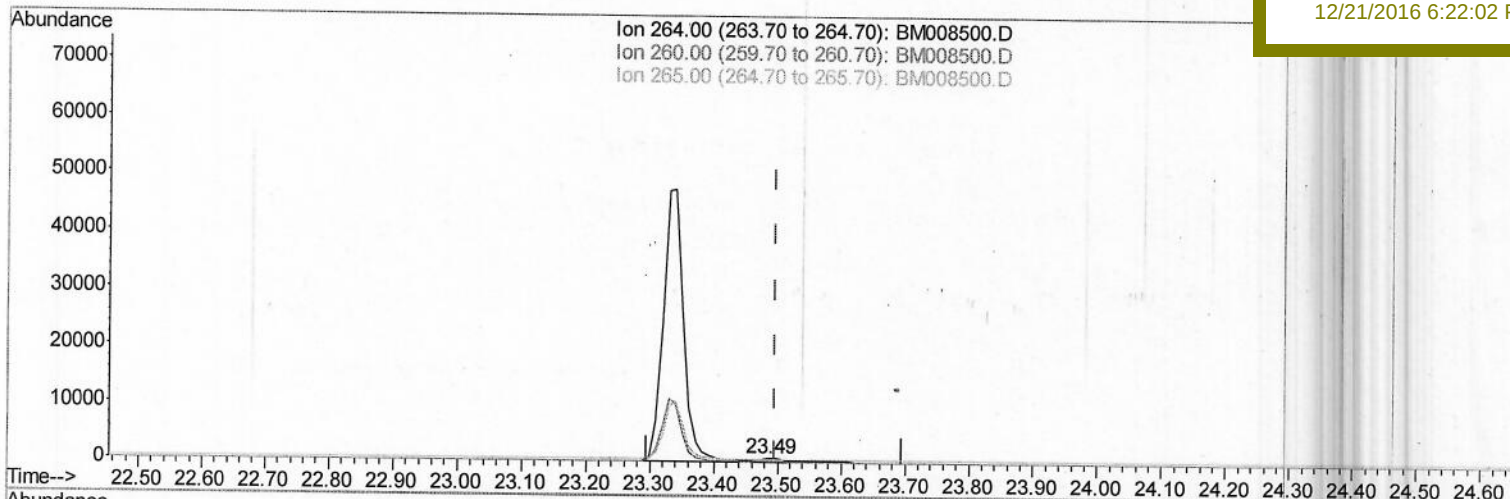
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122016\  
 Data File : BM008500.D  
 Acq On : 21 Dec 2016 03:41  
 Operator : UM/SJ  
 Sample : H6106-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 21 04:42:47 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 02:43:00 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7H1

Manual Integrations  
 APPROVED

sohil  
 12/21/2016 6:22:02 PM



(20) Perylene-d12 (I)  
 23.486min (-0.010) 0.40ng/ul  
 response 1637

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 31.56  |
| 265.00 | 103.50 | 80.53# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

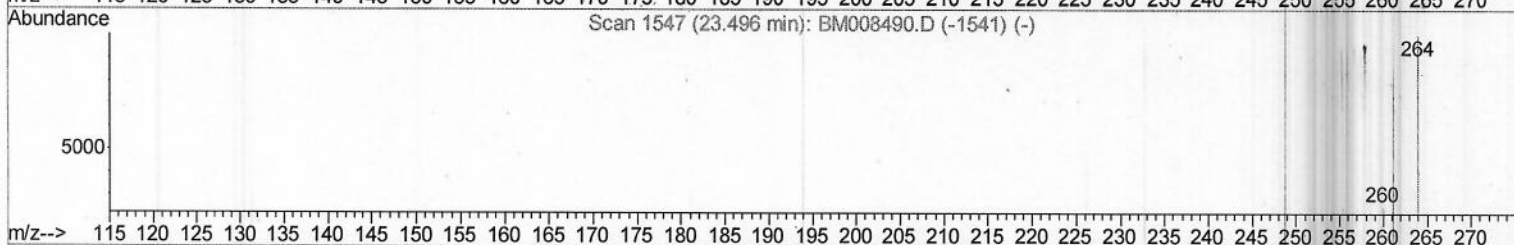
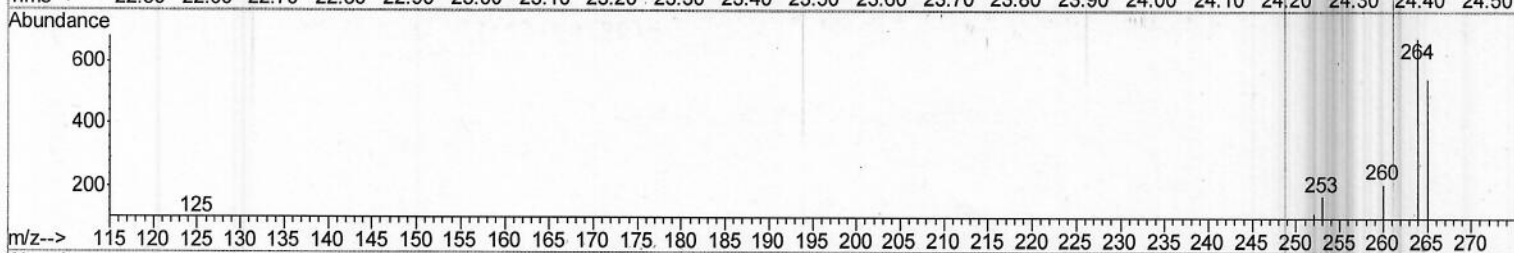
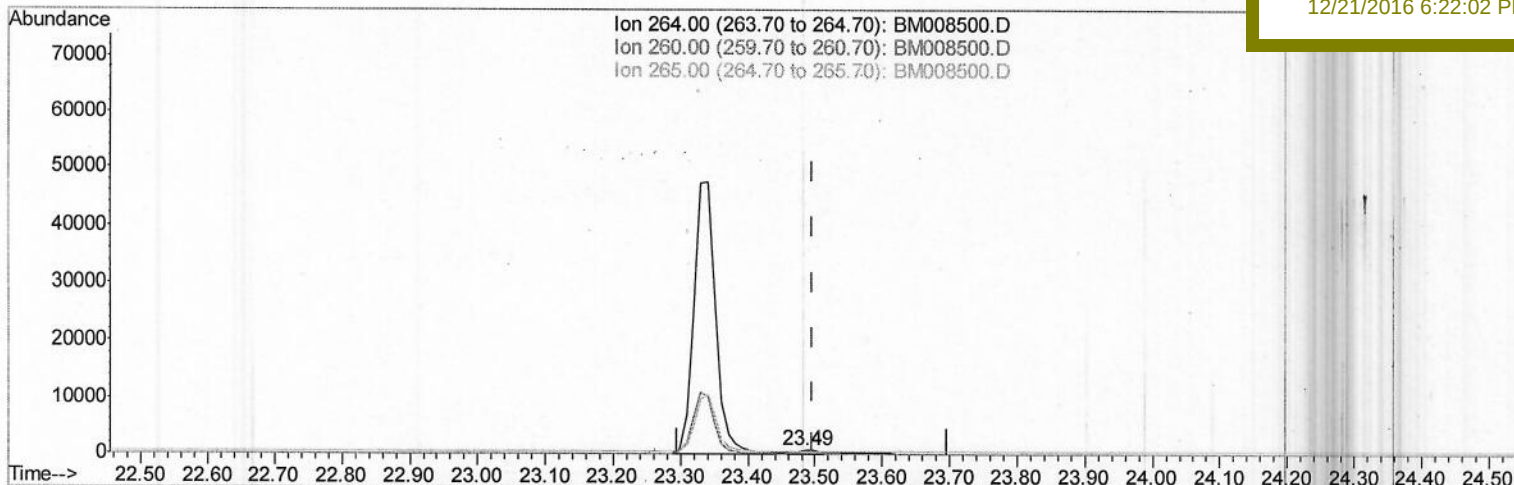
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122016\  
 Data File : BM008500.D  
 Acq On : 21 Dec 2016 03:41  
 Operator : UM/SJ  
 Sample : H6106-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 21 04:42:47 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 02:43:00 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7H1

Manual Integrations  
 APPROVED

sohil  
 12/21/2016 6:22:02 PM



TIC: BM008500.D

(20) Perylene-d12 (I)

23.486min (-0.010) 0.40ng/ul m

response 1019

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 31.56  |
| 265.00 | 103.50 | 80.53# |
| 0.00   | 0.00   | 0.00   |

S.J  
 12/21/16

## Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122016\  
Data File : BM008500.D  
Acq On : 21 Dec 2016 03:41  
Operator : UM/SJ  
Sample : H6106-04  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 21 04:46:14 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 21 02:43:00 2016  
Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

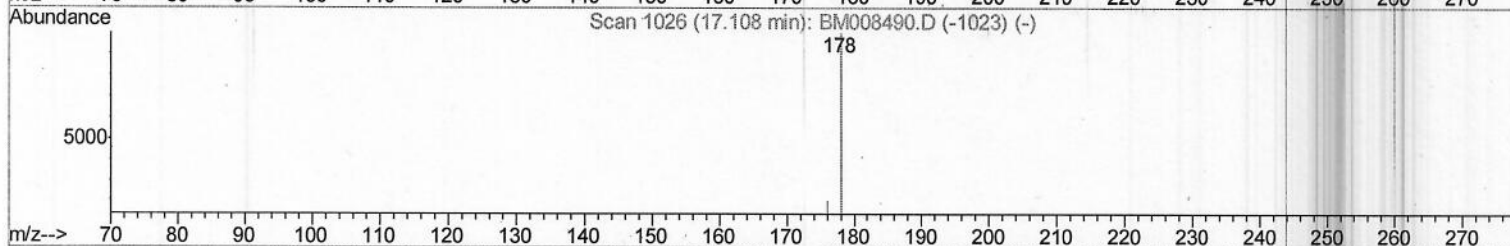
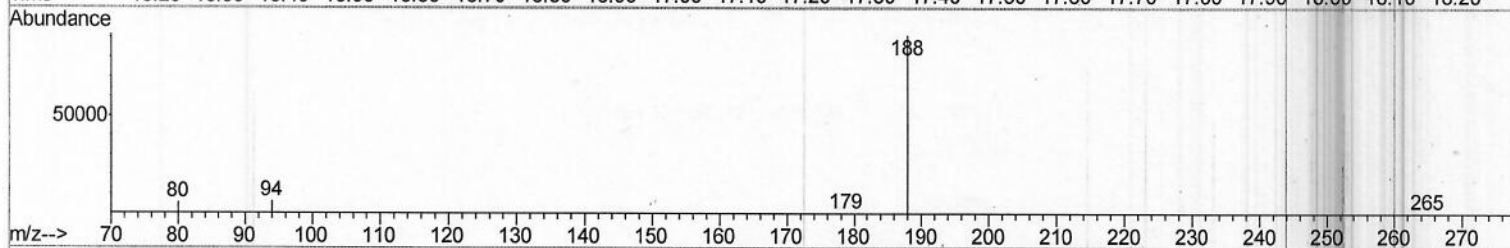
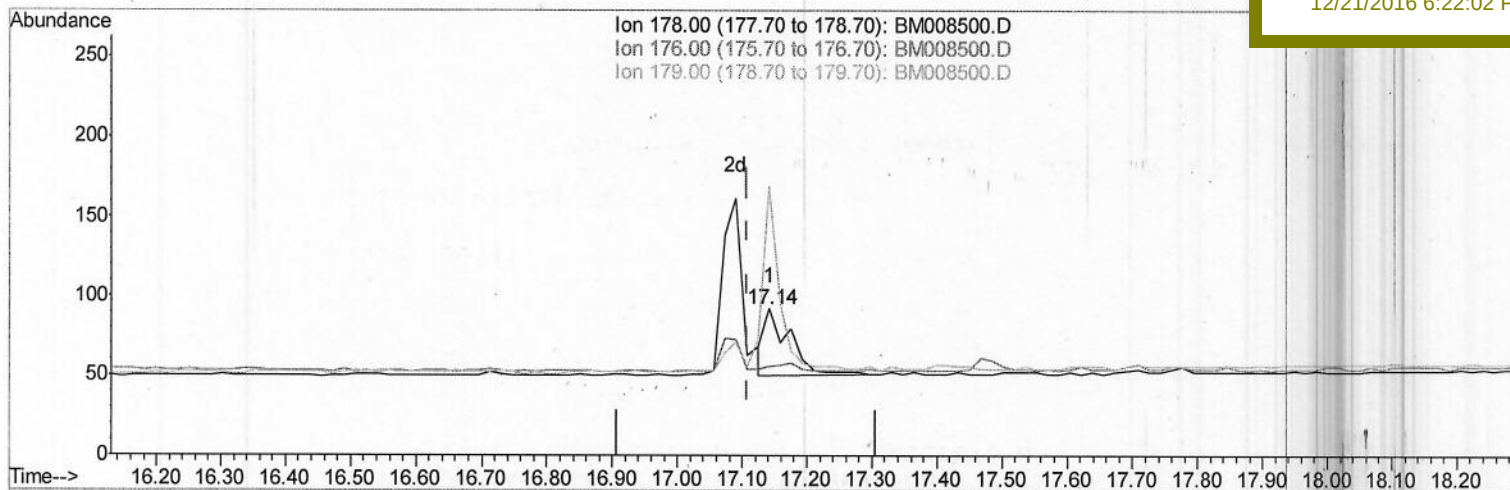
DA7H1

Manual Integrations

APPROVED

sohil

12/21/2016 6:22:02 PM



TIC: BM008500.D

(12) Phenanthrene

17.142min (+0.034) 0.02ng/ul

response 111

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 176.00 | 23.00 | 59.78#  |
| 179.00 | 17.00 | 183.70# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

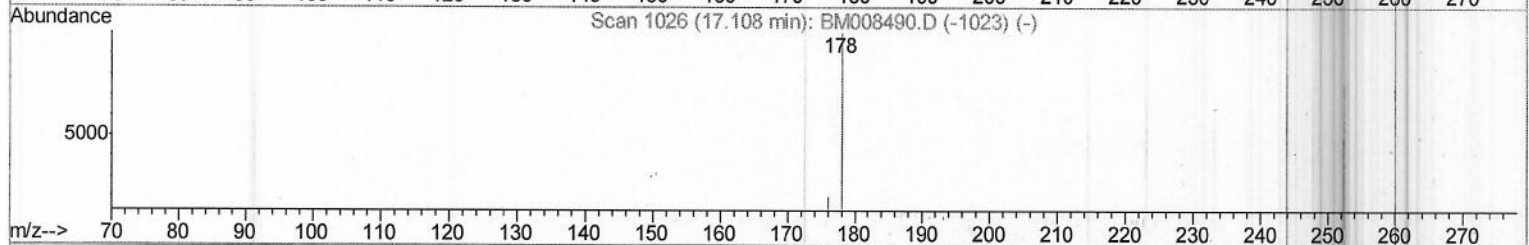
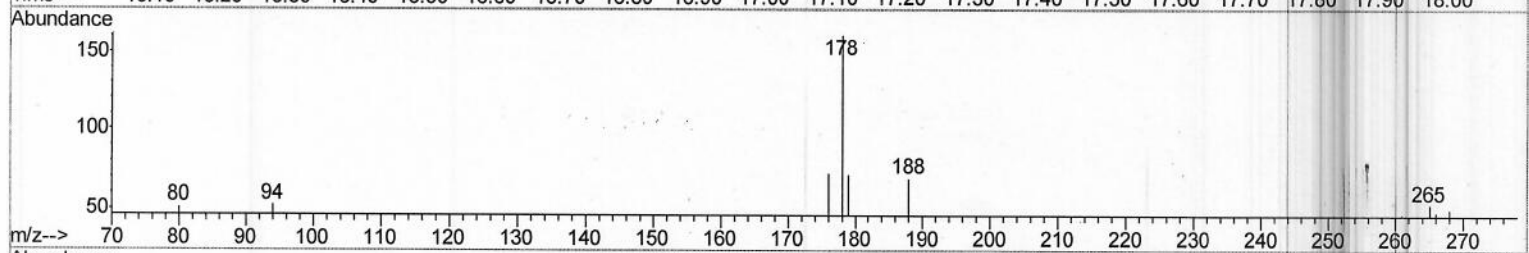
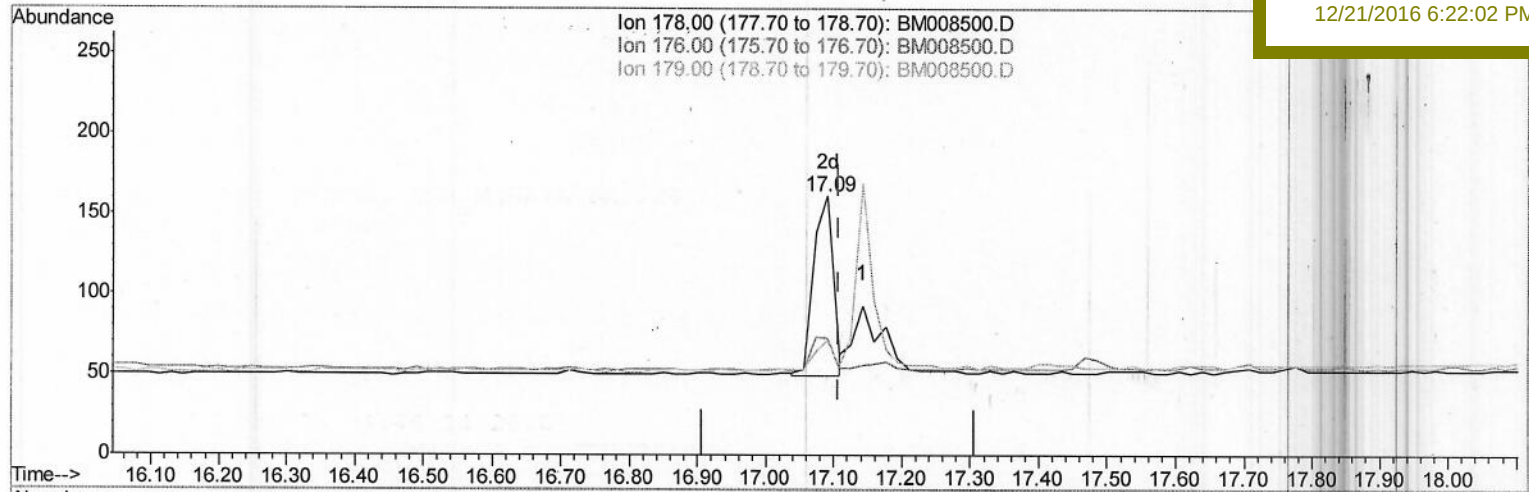
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122016\  
 Data File : BM008500.D  
 Acq On : 21 Dec 2016 03:41  
 Operator : UM/SJ  
 Sample : H6106-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 21 04:46:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 02:43:00 2016  
 Response via : Initial Calibration

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DA7H1

**Manual Integrations**  
**APPROVED**

sohil  
 12/21/2016 6:22:02 PM



TIC: BM008500.D

(12) Phenanthrene

17.090min (-0.017) 0.05ng/ul m

response 224

Ion Exp% Act%

178.00 100 100

176.00 23.00 44.72#

179.00 17.00 44.10#

0.00 0.00 0.00

*S.J*  
*12/21/16*

# Quantitation Report (Qedit)

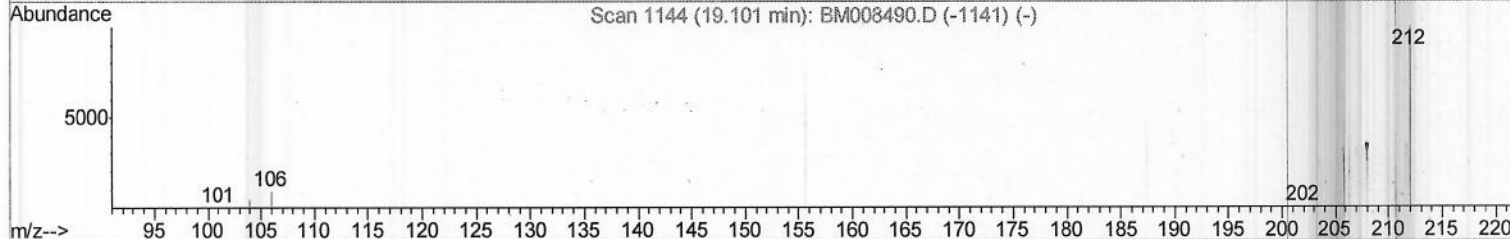
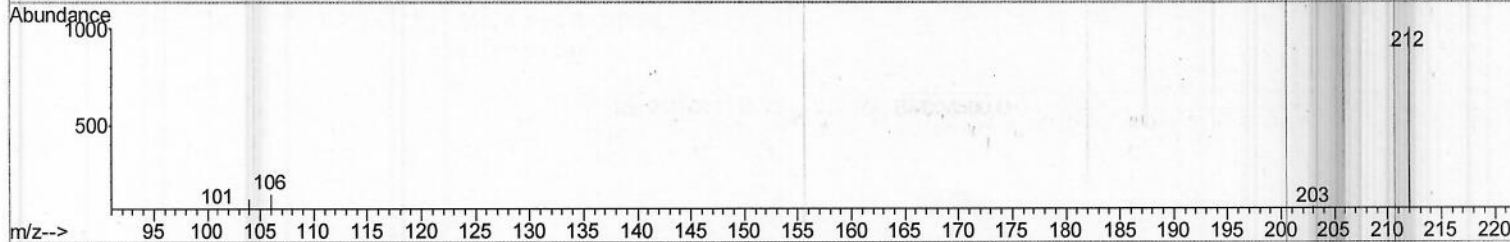
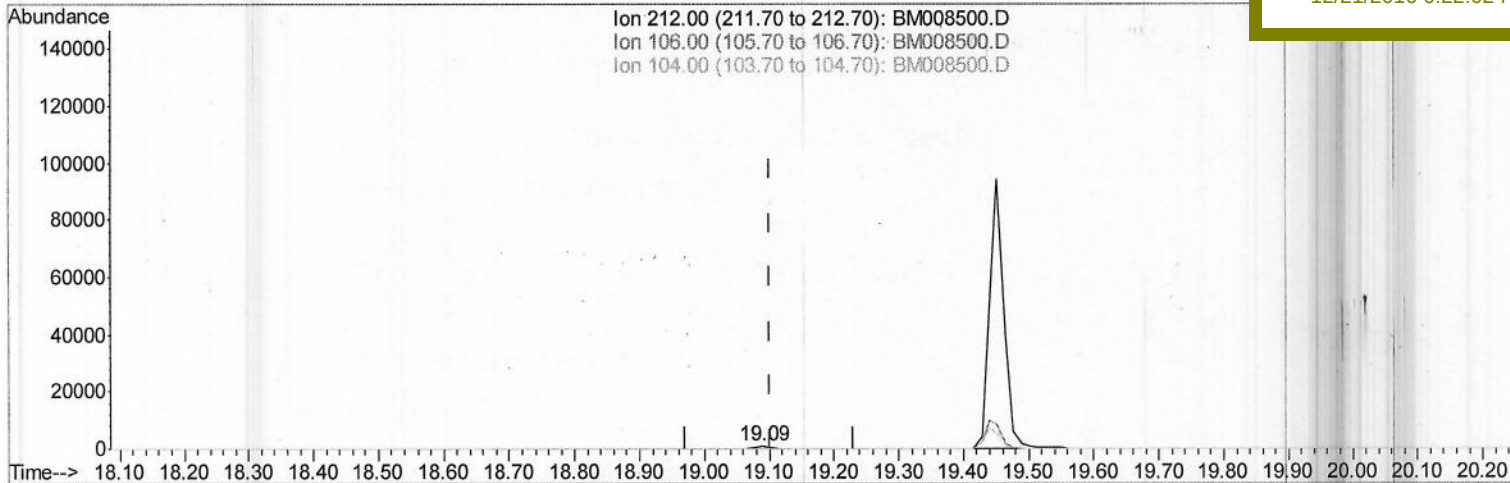
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122016\  
 Data File : BM008500.D  
 Acq On : 21 Dec 2016 03:41  
 Operator : UM/SJ  
 Sample : H6106-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7H1

Quant Time: Dec 21 04:46:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 02:43:00 2016  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

sohil  
 12/21/2016 6:22:02 PM



TIC: BM008500.D

(14) Fluoranthene-d10 (SURR)

19.089min (-0.012) 0.28ng/ul

response 1237

| 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)

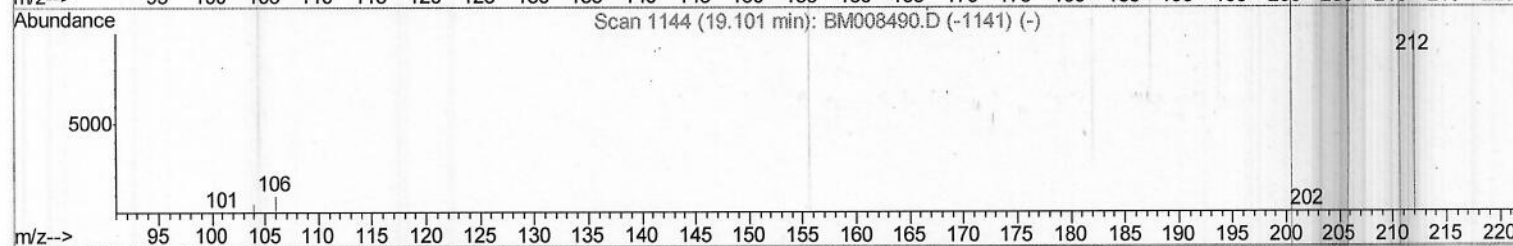
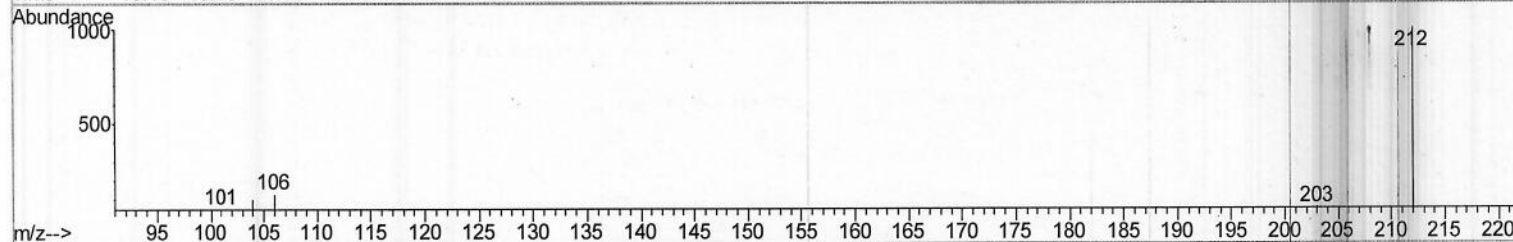
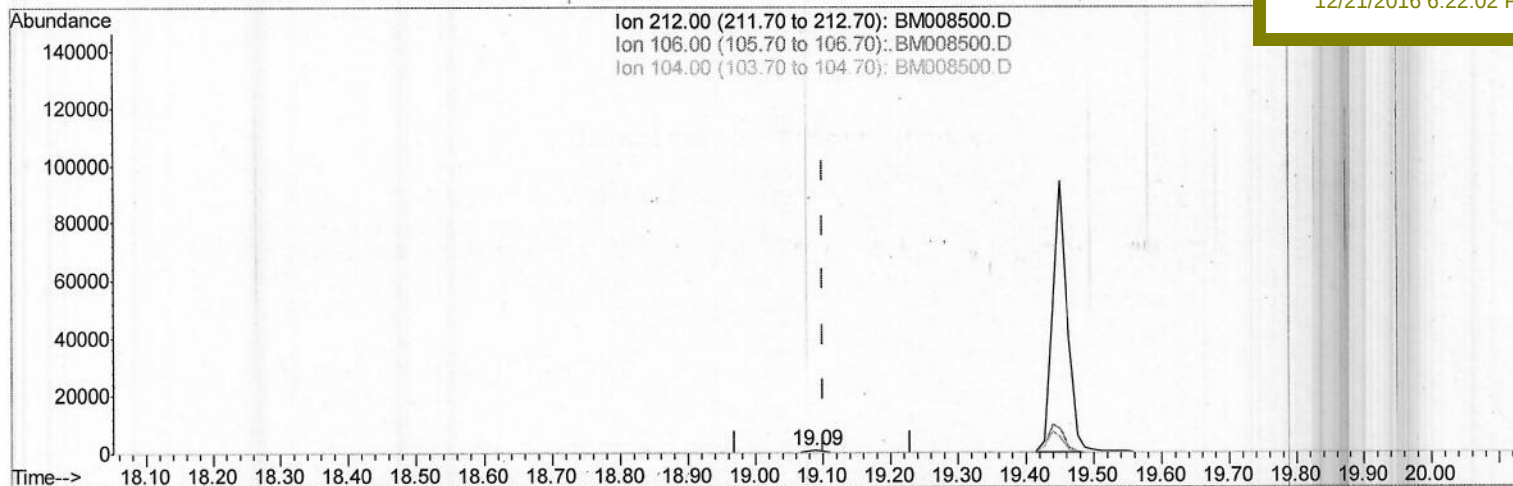
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122016\  
Data File : BM008500.D  
Acq On : 21 Dec 2016 03:41  
Operator : UM/SJ  
Sample : H6106-04  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DA7H1

Manual Integrations  
APPROVED

sohil  
12/21/2016 6:22:02 PM

Quant Time: Dec 21 04:46:14 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 21 02:43:00 2016  
Response via : Initial Calibration



TIC: BM008500.D

(14) Fluoranthene-d10 (SURR)

19.089min (-0.012) 0.35ng/ul m

response 1520

| 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  |

S.J  
12/21/16

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122016\  
Data File : BM008500.D  
Acq On : 21 Dec 2016 03:41  
Operator : UM/SJ  
Sample : H6106-04  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 21 04:47:26 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 21 02:43:00 2016  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
DA7H1

Manual Integrations  
APPROVED

sohil  
12/21/2016 6:22:02 PM

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.67  | 152  | 391      | 0.40 | ng/ul  | -0.03    |
| 2) Naphthalene-d8           | 10.43 | 136  | 1380     | 0.40 | ng/ul  | -0.05    |
| 6) Acenaphthene-d10         | 14.30 | 164  | 852      | 0.40 | ng/ul  | -0.02    |
| 10) Phenanthrene-d10        | 17.04 | 188  | 1577m    | 0.40 | ng/ul  | -0.03    |
| 16) Chrysene-d12            | 21.28 | 240  | 1282     | 0.40 | ng/ul  | 0.01     |
| 20) Perylene-d12            | 23.49 | 264  | 1019m    | 0.40 | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.06 | 152  | 679      | 0.32 | ng/ul  | -0.02    |
| 14) Fluoranthene-d10        | 19.09 | 212  | 1520m    | 0.35 | ng/ul  | -0.01    |
| Target Compounds            |       |      |          |      |        |          |
| 3) Naphthalene              | 10.48 | 128  | 632      | 0.16 | ng/ul# | 80       |
| 5) 2-Methylnaphthalene      | 12.13 | 142  | 92       | 0.04 | ng/ul  | 95       |
| 12) Phenanthrene            | 17.09 | 178  | 224m     | 0.05 | ng/ul  |          |

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

S-J  
12/21/16

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122016\  
Data File : BM008500.D  
Acq On : 21 Dec 2016 03:41  
Operator : UM/SJ  
Sample : H6106-04  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 21 04:47:26 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 21 02:43:00 2016  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
DA7H1

Manual Integrations  
APPROVED

sohil  
12/21/2016 6:22:02 PM

