

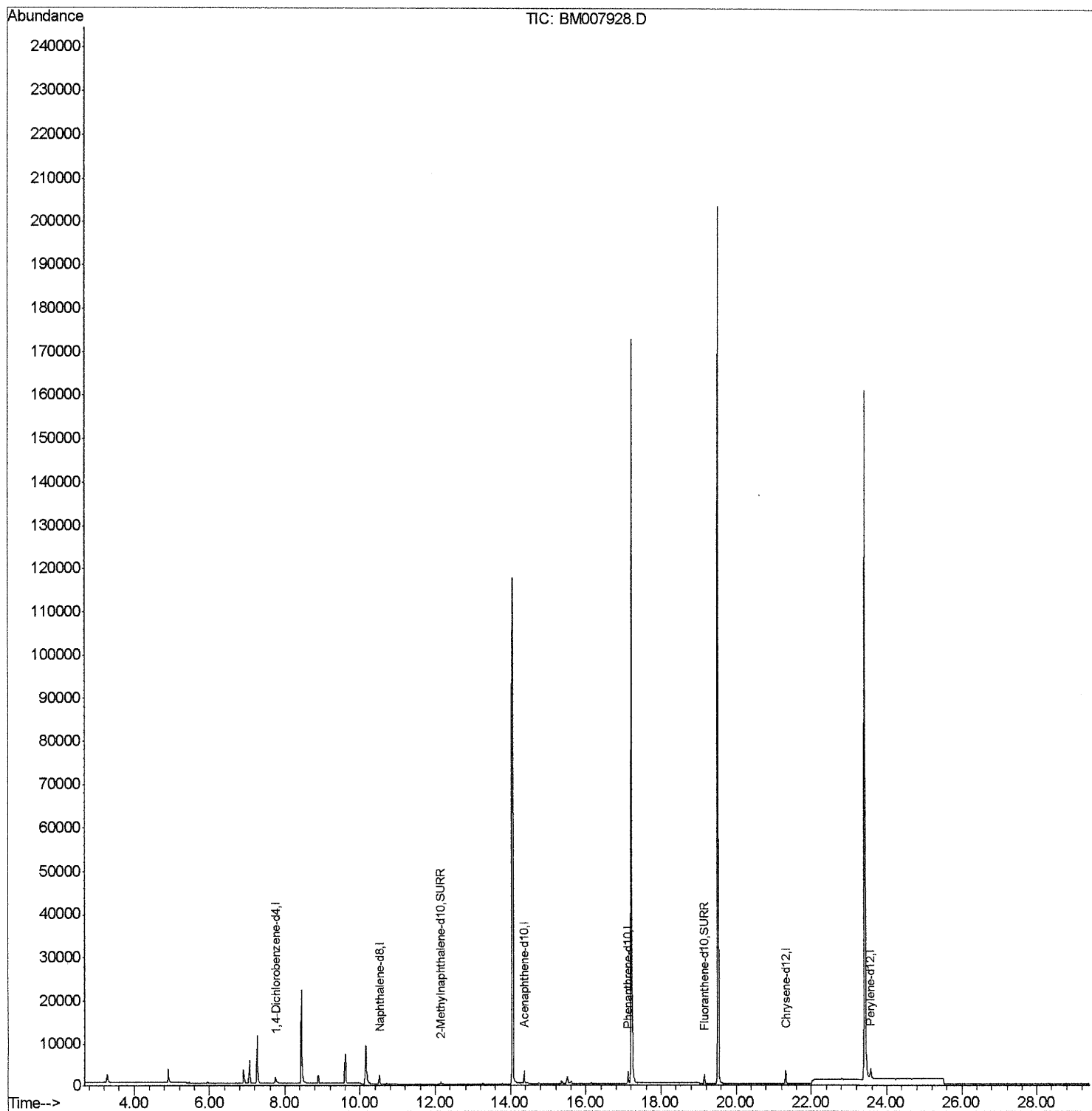
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM111616\  
Data File : BM007928.D  
Acq On : 16 Nov 2016 19:14  
Operator : UM/SJ  
Sample : H5622-20  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4WL7

Manual Integrations  
APPROVED

umangi  
11/17/2016 5:55:42 PM

Quant Time: Nov 17 06:04:01 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM102516.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 17 04:42:29 2016  
Response via : Initial Calibration



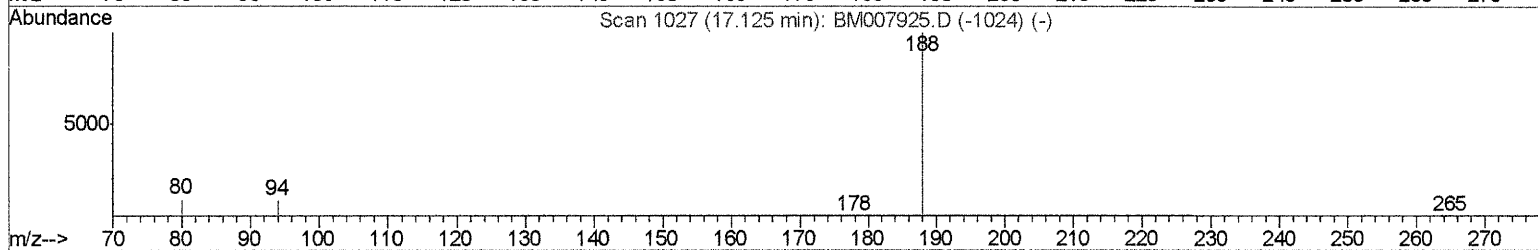
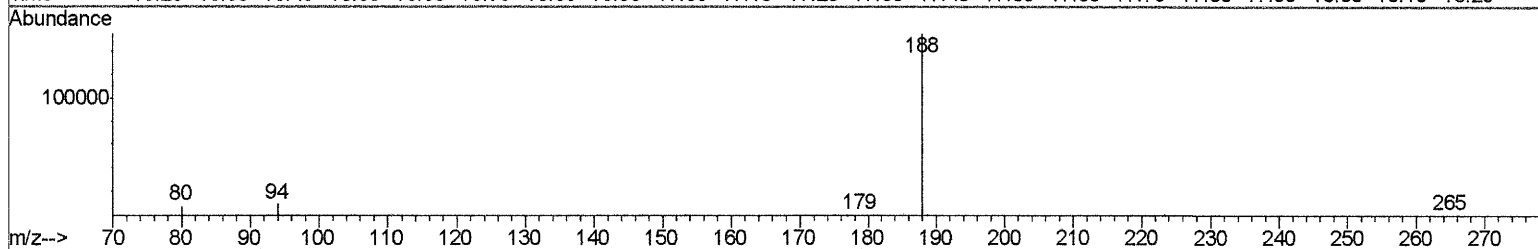
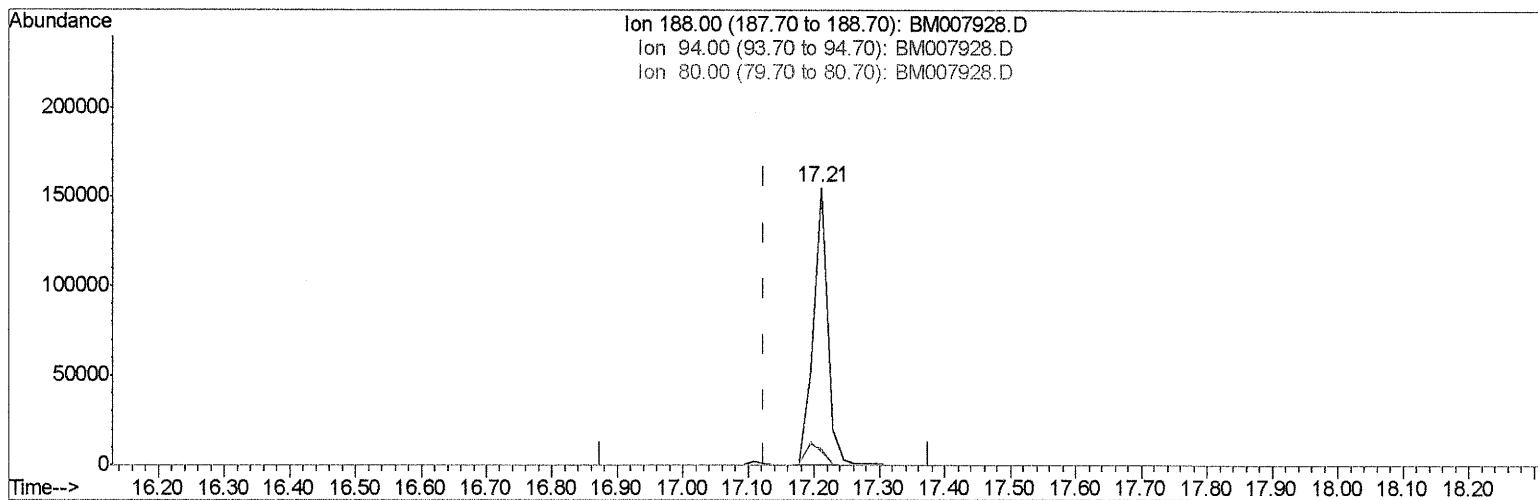
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM111616\  
Data File : BM007928.D  
Acq On : 16 Nov 2016 19:14  
Operator : UM/SJ  
Sample : H5622-20  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4WL7

Manual Integrations  
APPROVED

umangi  
11/17/2016 5:55:42 PM

Quant Time: Nov 17 04:44:24 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM102516.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 17 04:42:29 2016  
Response via : Initial Calibration



TIC: BM007928.D

(10) Phenanthrene-d10 (I)

17.211min (+0.086) 0.40ng/ul

response 237683

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 6.13# |
| 80.00  | 11.80 | 5.18# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

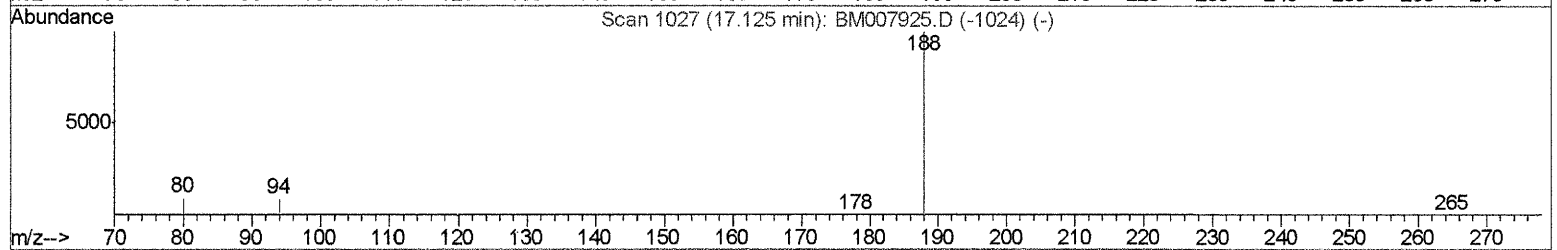
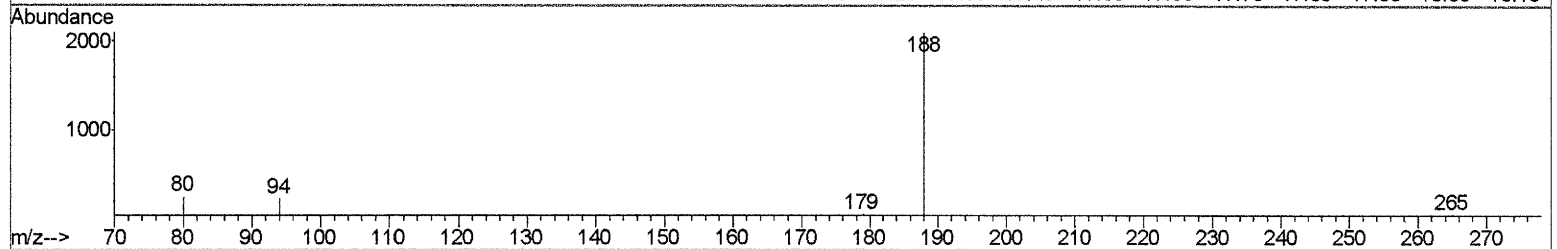
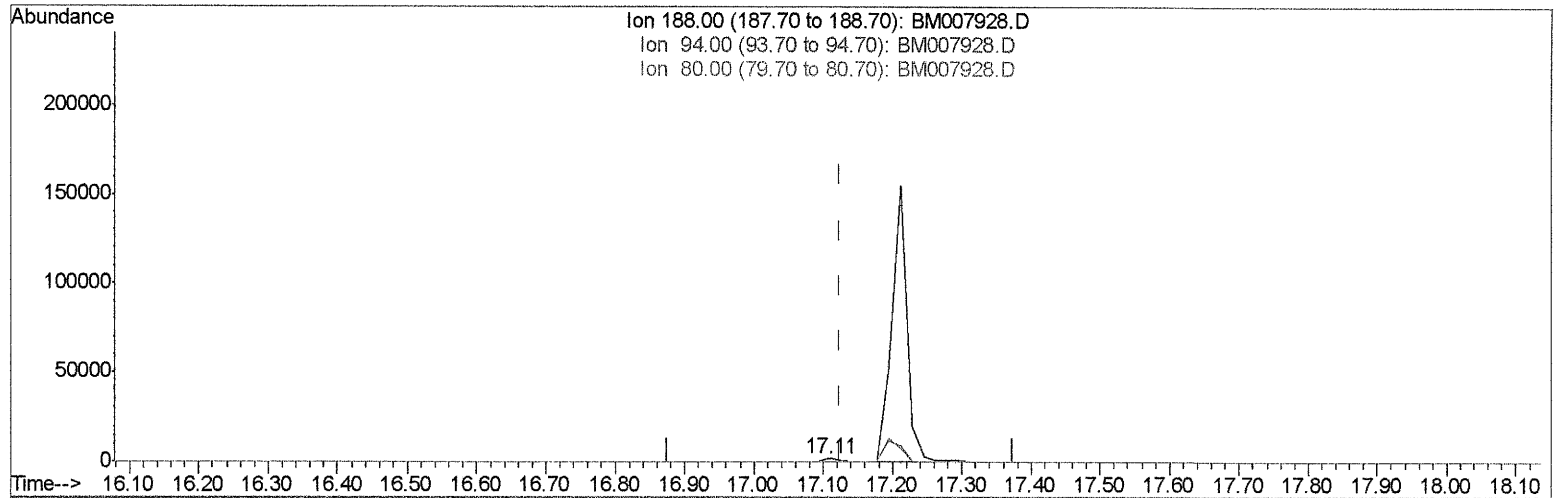
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM111616\  
 Data File : BM007928.D  
 Acq On : 16 Nov 2016 19:14  
 Operator : UM/SJ  
 Sample : H5622-20  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4WL7

Manual Integrations  
 APPROVED

umangi  
 11/17/2016 5:55:42 PM

Quant Time: Nov 17 04:44:24 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM102516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 17 04:42:29 2016  
 Response via : Initial Calibration



TIC: BM007928.D

(10) Phenanthrene-d10 (I)

17.108min (-0.017) 0.40ng/ul m

response 3276

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 10.83 |
| 80.00  | 11.80 | 11.73 |
| 0.00   | 0.00  | 0.00  |

UM  
 11/17/16

# Quantitation Report (Qedit)

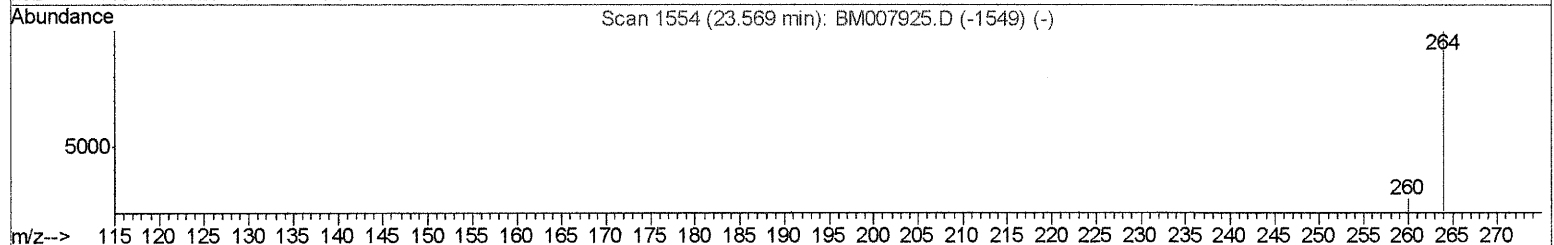
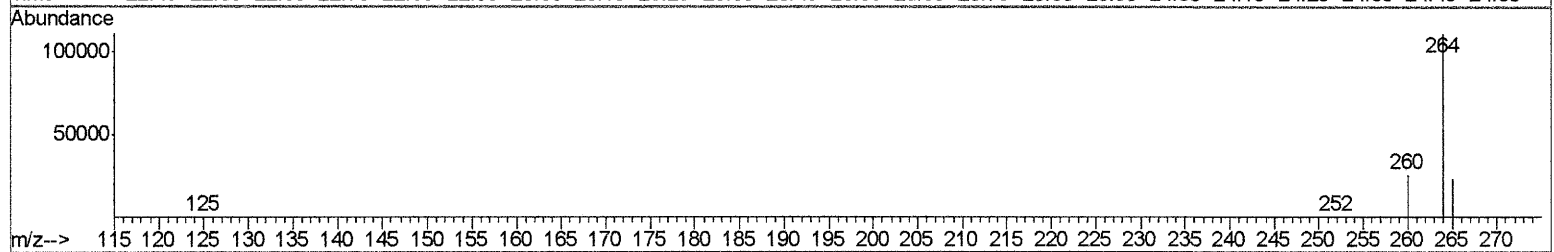
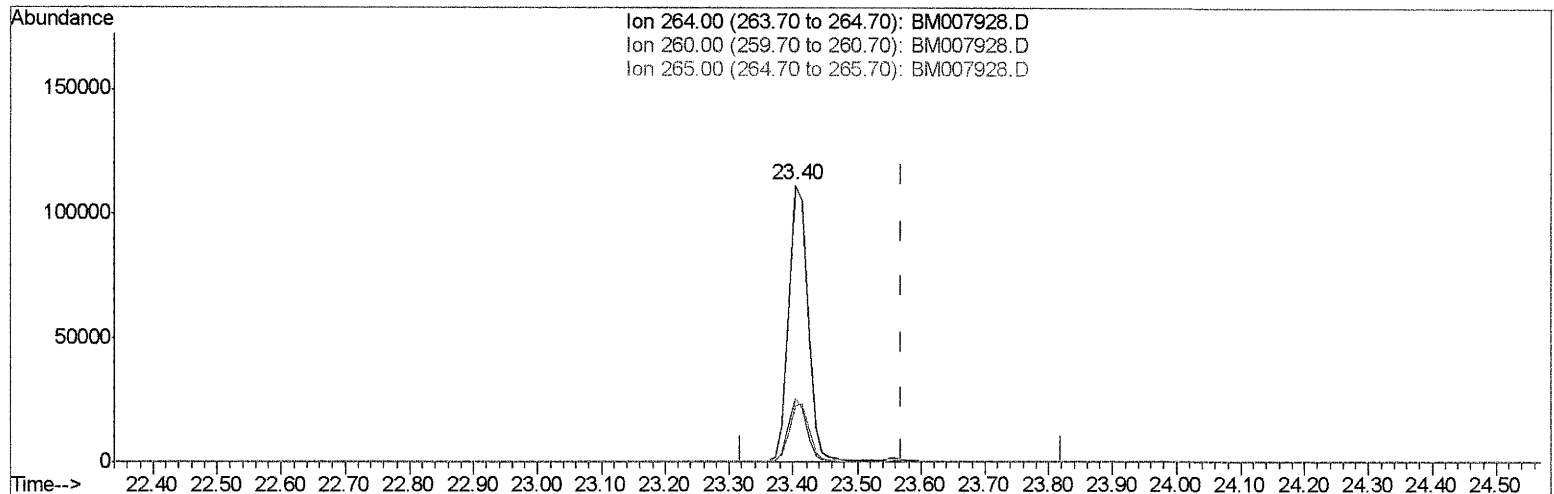
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM111616\  
 Data File : BM007928.D  
 Acq On : 16 Nov 2016 19:14  
 Operator : UM/SJ  
 Sample : H5622-20  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 A4WL7

**Manual Integrations**  
**APPROVED**

umangi  
 11/17/2016 5:55:42 PM

Quant Time: Nov 17 04:44:24 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM102516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 17 04:42:29 2016  
 Response via : Initial Calibration



TIC: BM007928.D

(20) Perylene-d12 (I)  
 23.403min (-0.167) 0.40ng/ul  
 response 227198

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 23.07# |
| 265.00 | 103.50 | 20.54# |
| 0.00   | 0.00   | 0.00   |

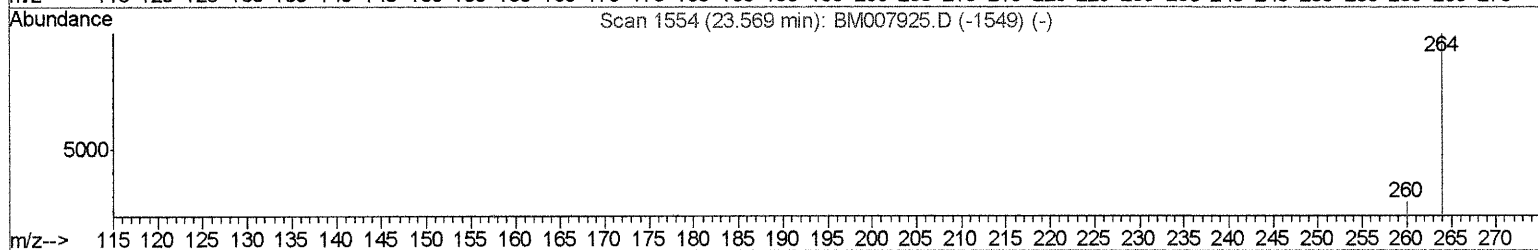
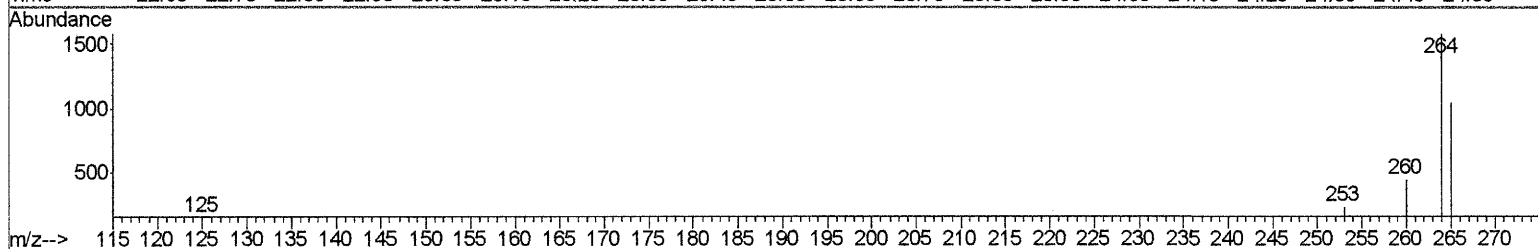
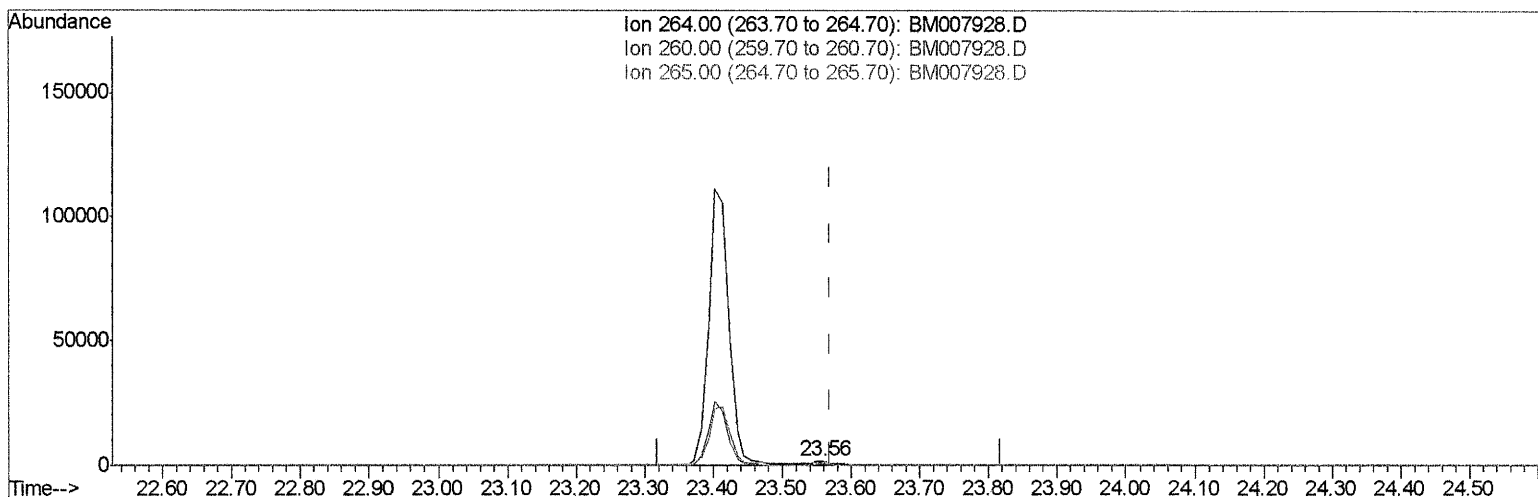
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM111616\  
Data File : BM007928.D  
Acq On : 16 Nov 2016 19:14  
Operator : UM/SJ  
Sample : H5622-20  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4WL7

Manual Integrations  
APPROVED

umangi  
11/17/2016 5:55:42 PM

Quant Time: Nov 17 04:44:24 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM102516.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 17 04:42:29 2016  
Response via : Initial Calibration



TIC: BM007928.D

(20) Perylene-d12 (I)

23.559min (-0.010) 0.40ng/ul m

response 2586

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 28.10  |
| 265.00 | 103.50 | 65.89# |
| 0.00   | 0.00   | 0.00   |

Om

11/17/16

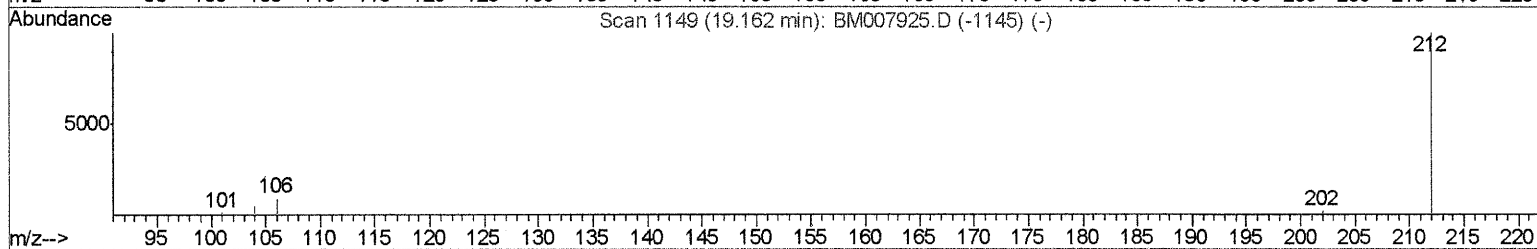
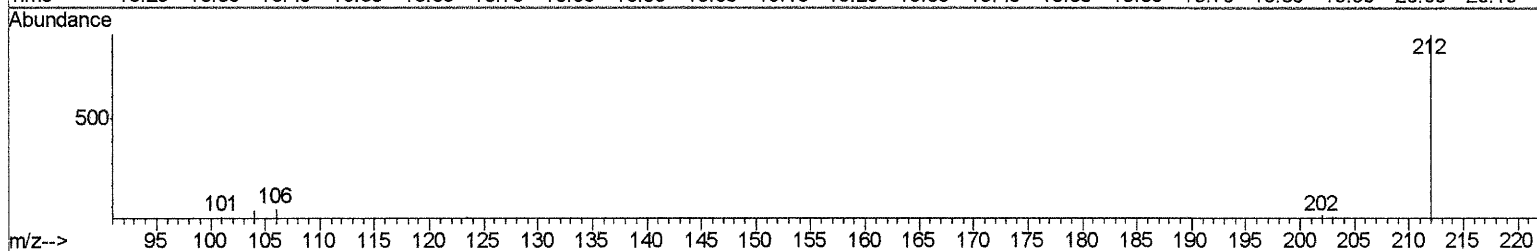
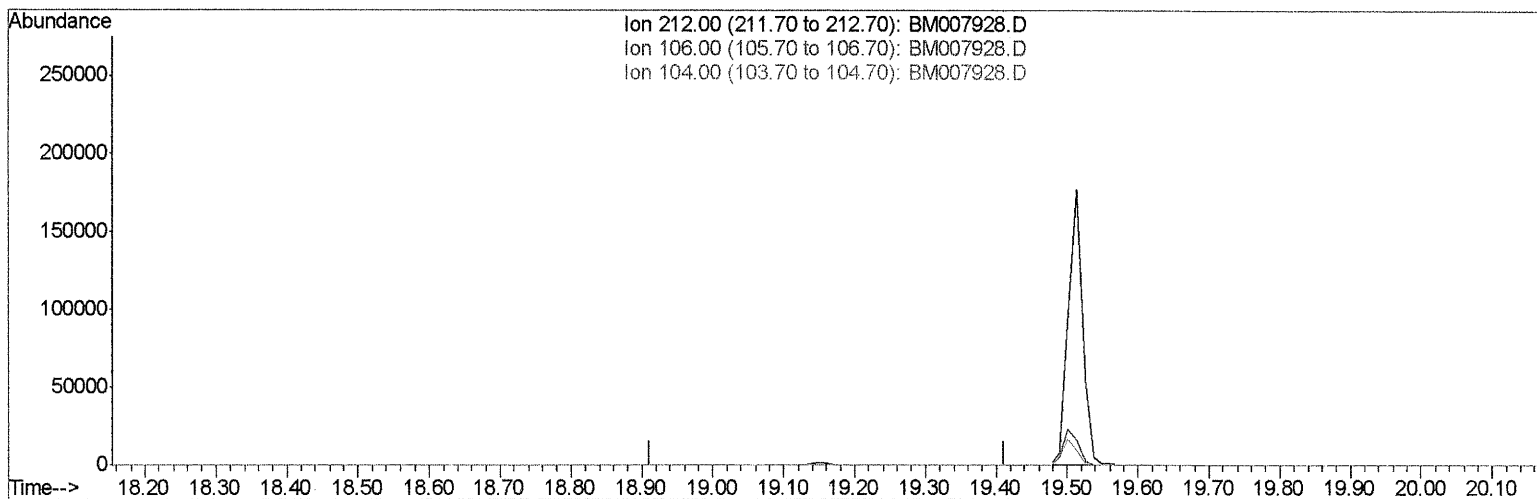
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM111616\  
Data File : BM007928.D  
Acq On : 16 Nov 2016 19:14  
Operator : UM/SJ  
Sample : H5622-20  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
A4WL7

Manual Integrations  
APPROVED

umangi  
11/17/2016 5:55:42 PM

Quant Time: Nov 17 06:03:02 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM102516.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 17 04:42:29 2016  
Response via : Initial Calibration



TIC: BM007928.D

(14) Fluoranthene-d10 (SURR)

19.162min (-19.162) 0.00ng/ul

response 0

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

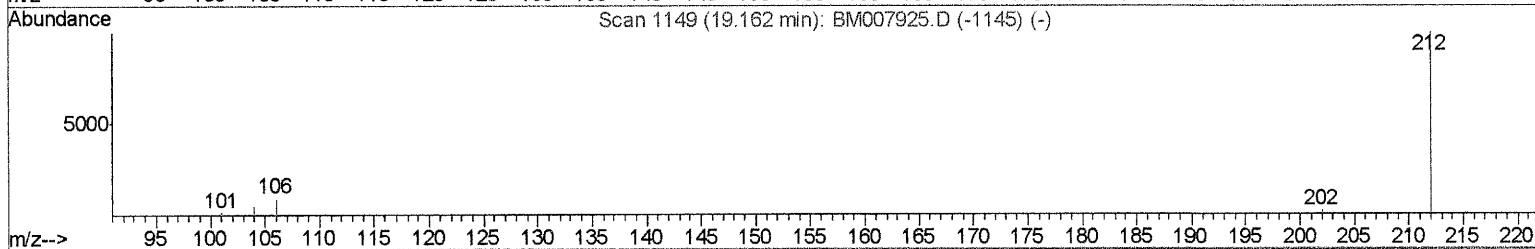
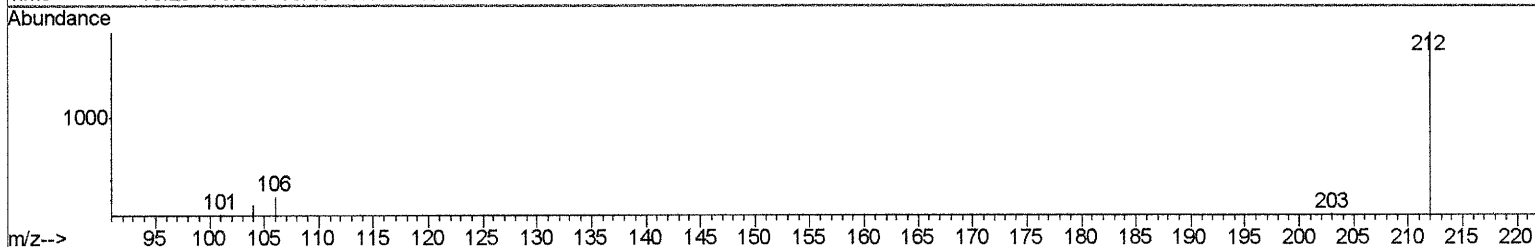
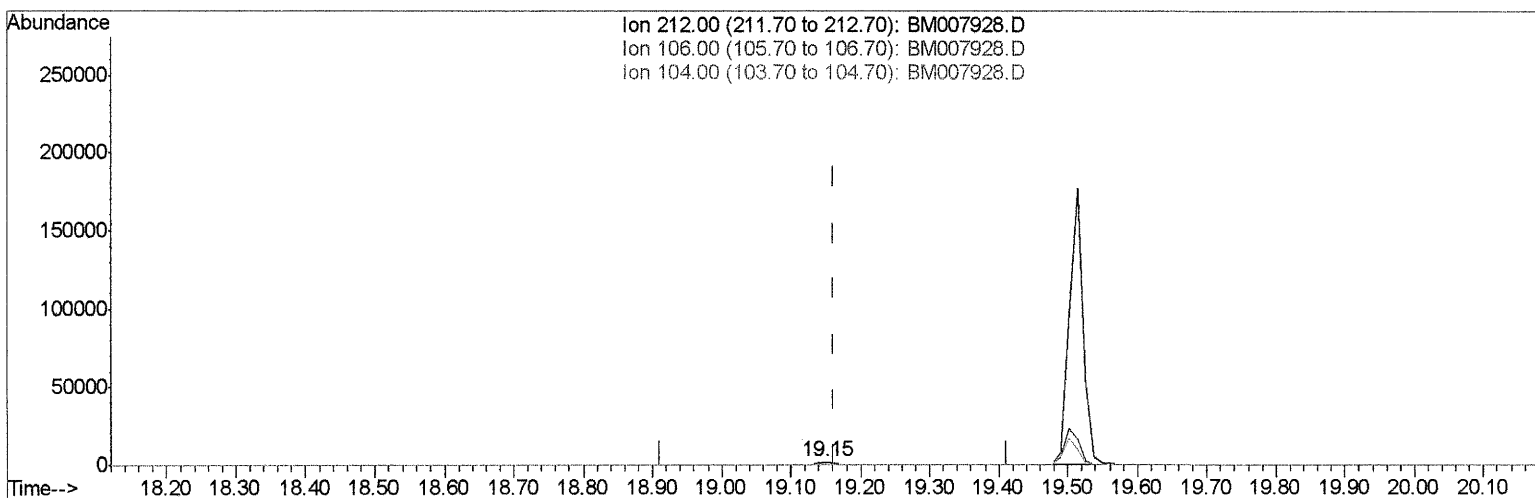
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM111616\  
Data File : BM007928.D  
Acq On : 16 Nov 2016 19:14  
Operator : UM/SJ  
Sample : H5622-20  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
A4WL7

Manual Integrations  
APPROVED

umangi  
11/17/2016 5:55:42 PM

Quant Time: Nov 17 06:03:02 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM102516.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 17 04:42:29 2016  
Response via : Initial Calibration



TIC: BM007928.D

(14) Fluoranthene-d10 (SURR)

19.150min (-0.012) 0.37ng/ul m

response 2751

| 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  |

um  
11/17/16

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM111616\  
Data File : BM007928.D  
Acq On : 16 Nov 2016 19:14  
Operator : UM/SJ  
Sample : H5622-20  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4WL7

Manual Integrations  
APPROVED

umangi  
11/17/2016 5:55:42 PM

Quant Time: Nov 17 06:04:01 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM102516.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 17 04:42:29 2016  
Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units | Dev (Min) |
|-----------------------------|-------|------|----------|------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.74  | 152  | 931      | 0.40 | ng/ul | -0.02     |
| 2) Naphthalene-d8           | 10.51 | 136  | 2957     | 0.40 | ng/ul | -0.02     |
| 6) Acenaphthene-d10         | 14.37 | 164  | 1697     | 0.40 | ng/ul | 0.00      |
| 10) Phenanthrene-d10        | 17.11 | 188  | 3276m    | 0.40 | ng/ul | -0.02     |
| 16) Chrysene-d12            | 21.32 | 240  | 3204     | 0.40 | ng/ul | 0.00      |
| 20) Perylene-d12            | 23.56 | 264  | 2586m    | 0.40 | ng/ul | -0.01     |
| System Monitoring Compounds |       |      |          |      |       |           |
| 4) 2-Methylnaphthalene-d10  | 12.13 | 152  | 1167     | 0.33 | ng/ul | 0.00      |
| 14) Fluoranthene-d10        | 19.15 | 212  | 2751m    | 0.37 | ng/ul | -0.01     |

} um  
11/17/16

| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

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