

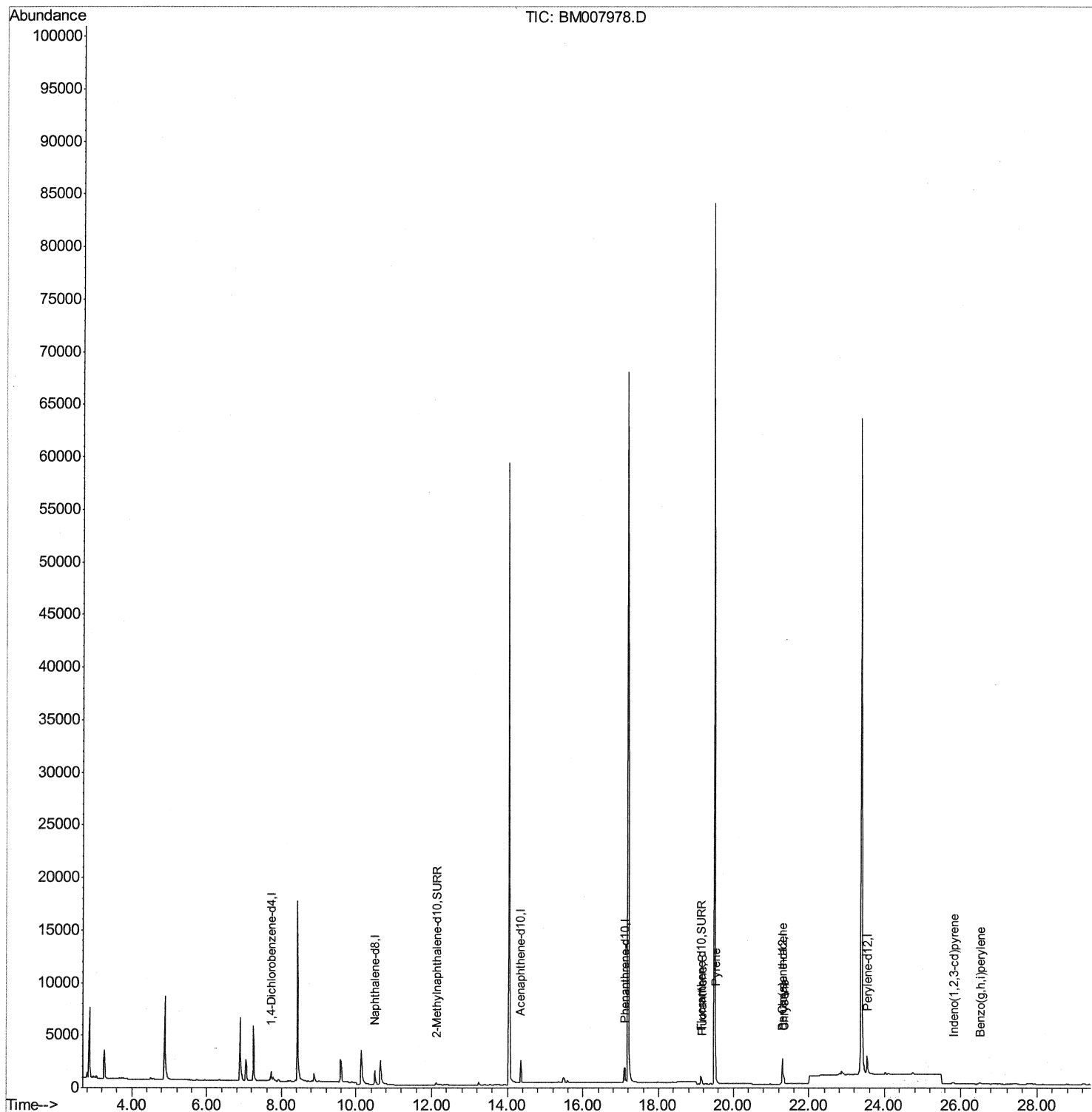
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM112116\  
 Data File : BM007978.D  
 Acq On : 22 Nov 2016 03:01  
 Operator : UM/SJ  
 Sample : H5694-07  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHSR6

Manual Integrations  
 APPROVED

sohil  
 11/22/2016 4:00:49 PM

Quant Time: Nov 22 06:08:52 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM112116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 22 05:49:20 2016  
 Response via : Initial Calibration



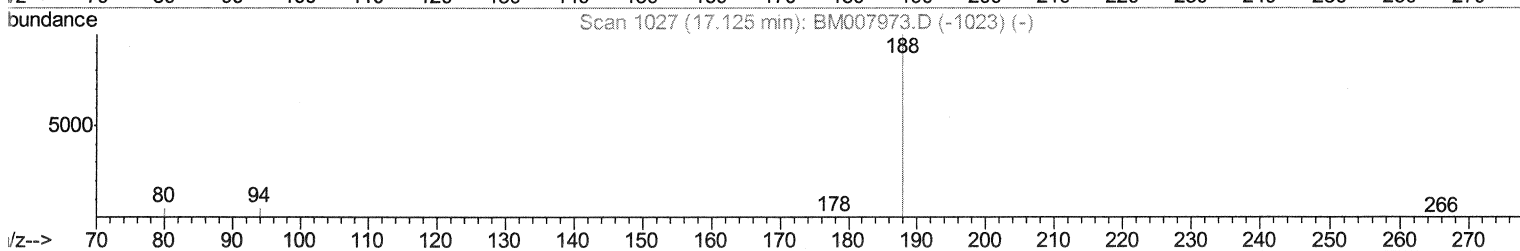
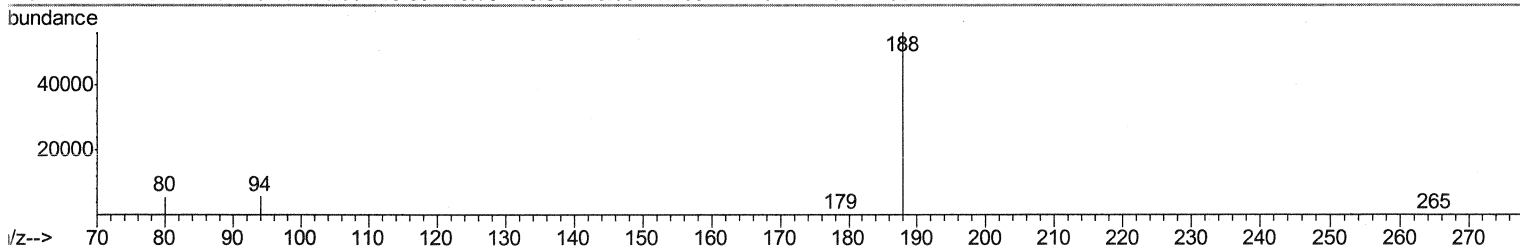
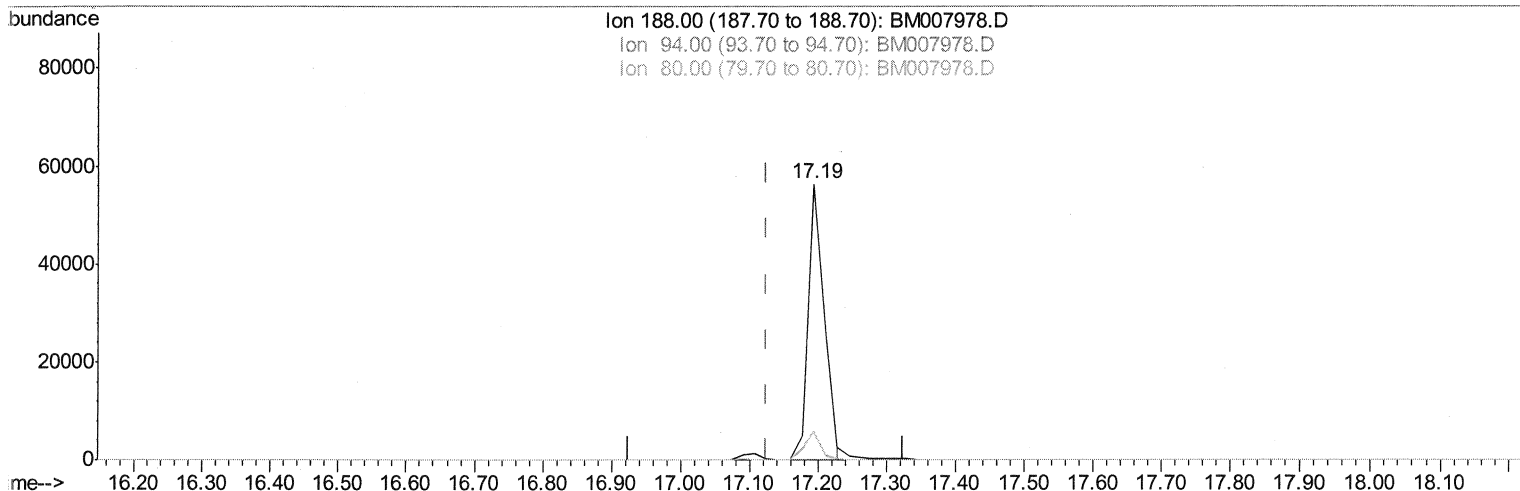
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM112116\  
 Data File : BM007978.D  
 Acq On : 22 Nov 2016 03:01  
 Operator : UM/SJ  
 Sample : H5694-07  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHSR6

Manual Integrations  
 APPROVED

sohil  
 11/22/2016 4:00:49 PM

Quant Time: Nov 22 05:51:58 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM112116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 22 05:49:20 2016  
 Response via : Initial Calibration



TIC: BM007978.D

(10) Phenanthrene-d10 (I)

17.193min (+0.069) 0.40ng/ul

response 91061

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 10.29 |
| 80.00  | 11.80 | 9.93  |
| 0.00   | 0.00  | 0.00  |

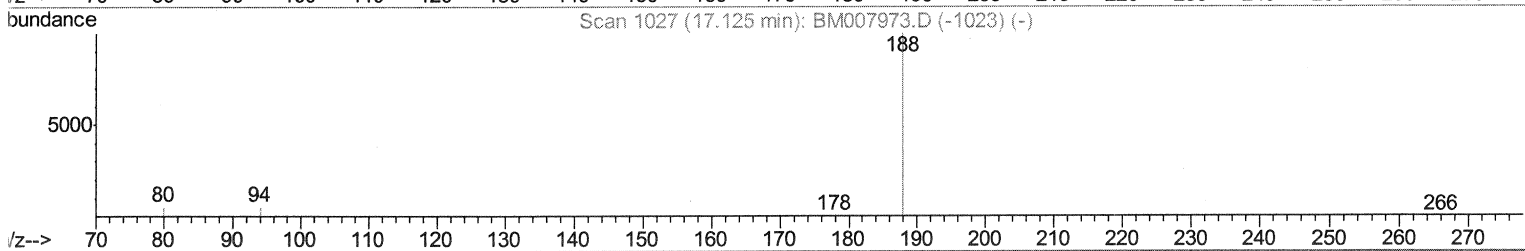
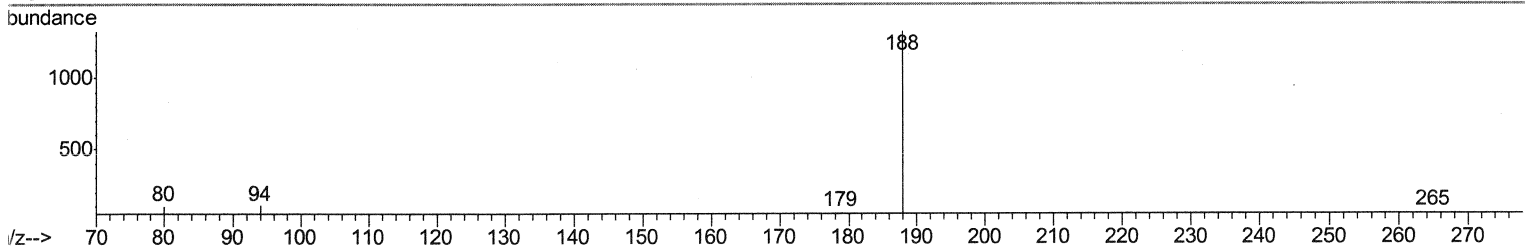
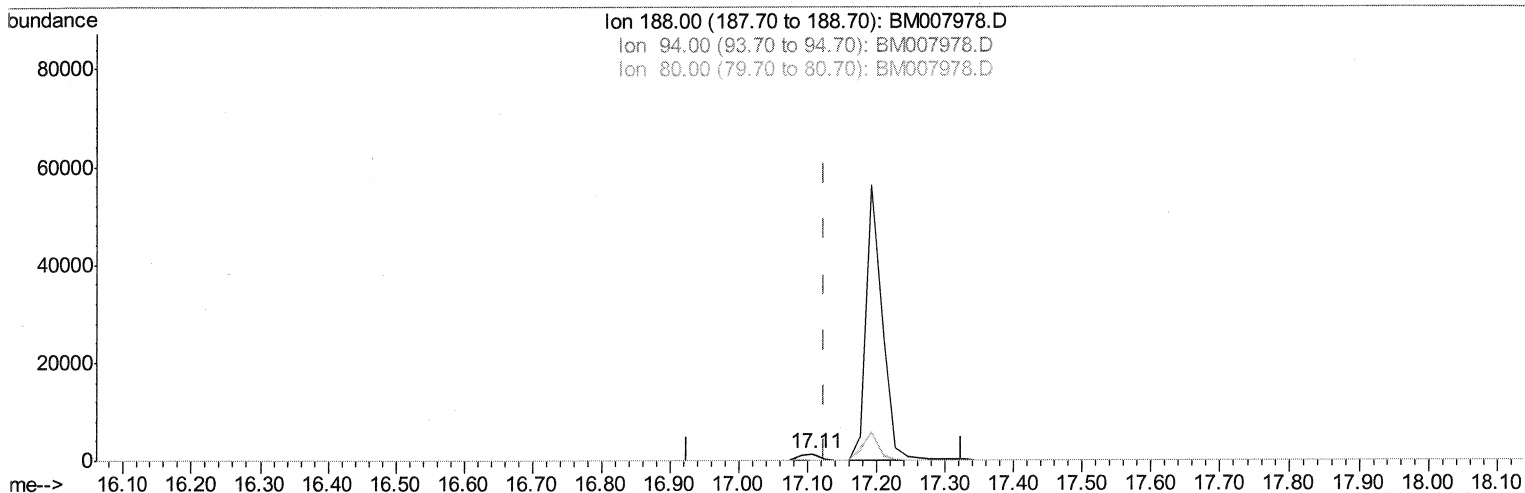
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM112116\  
 Data File : BM007978.D  
 Acq On : 22 Nov 2016 03:01  
 Operator : UM/SJ  
 Sample : H5694-07  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHSR6

Manual Integrations  
 APPROVED

sohil  
 11/22/2016 4:00:49 PM

Quant Time: Nov 22 05:51:58 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM112116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 22 05:49:20 2016  
 Response via : Initial Calibration



TIC: BM007978.D

(10) Phenanthrene-d10 (I)

17.108min (-0.017) 0.40ng/ul m

SJ 11/23/16

response 2682

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 7.98# |
| 80.00  | 11.80 | 7.83# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM112116\  
 Data File : BM007978.D  
 Acq On : 22 Nov 2016 03:01  
 Operator : UM/SJ  
 Sample : H5694-07  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHSR6

Manual Integrations  
 APPROVED

sohil  
 11/22/2016 4:00:49 PM

Quant Time: Nov 22 06:08:52 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM112116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 22 05:49:20 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 602      | 0.40 | ng/ul | -0.02    |
| 2) Naphthalene-d8         | 10.50 | 136  | 1939     | 0.40 | ng/ul | -0.02    |
| 6) Acenaphthene-d10       | 14.35 | 164  | 1227     | 0.40 | ng/ul | -0.02    |
| 10) Phenanthrene-d10      | 17.11 | 188  | 2682m    | 0.40 | ng/ul | -0.02    |
| 16) Chrysene-d12          | 21.31 | 240  | 2655     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.55 | 264  | 2769     | 0.40 | ng/ul | -0.01    |

SJ 11/23/16

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.12 | 152  | 480      | 0.17 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.14 | 212  | 1119     | 0.15 | ng/ul | -0.01    |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 15) Fluoranthene           | 19.17 | 202  | 356      | 0.03 | ng/ul  | 59     |
| 17) Pyrene                 | 19.52 | 202  | 821      | 0.09 | ng/ul# | 79     |
| 18) Benzo(a)anthracene     | 21.29 | 228  | 465      | 0.06 | ng/ul# | 74     |
| 19) Chrysene               | 21.34 | 228  | 822      | 0.08 | ng/ul# | 84     |
| 24) Indeno(1,2,3-cd)pyrene | 25.82 | 276  | 262      | 0.02 | ng/ul  | 96     |
| 26) Benzo(g,h,i)perylene   | 26.51 | 276  | 408      | 0.04 | ng/ul# | 52     |

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