

# Quantitation Report (Qedit)

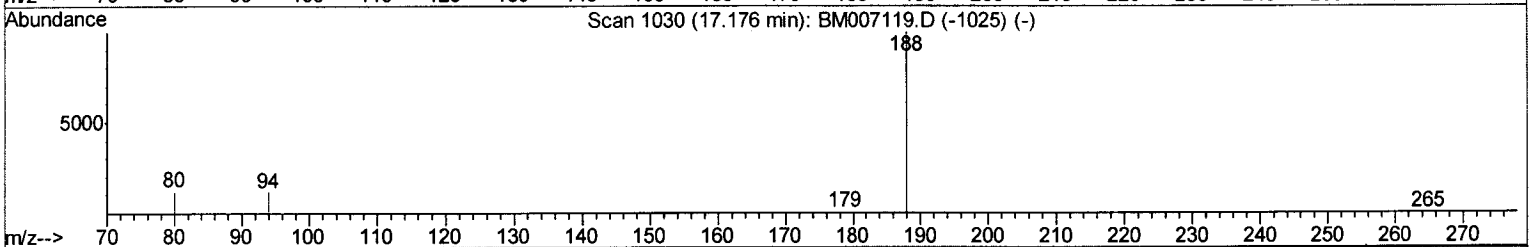
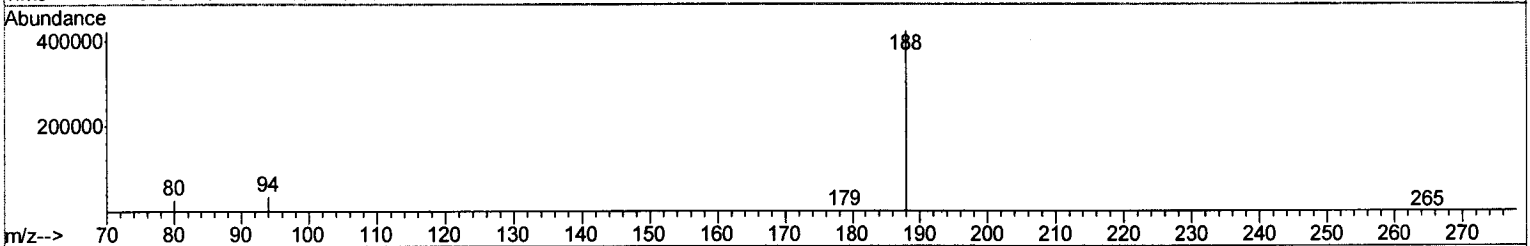
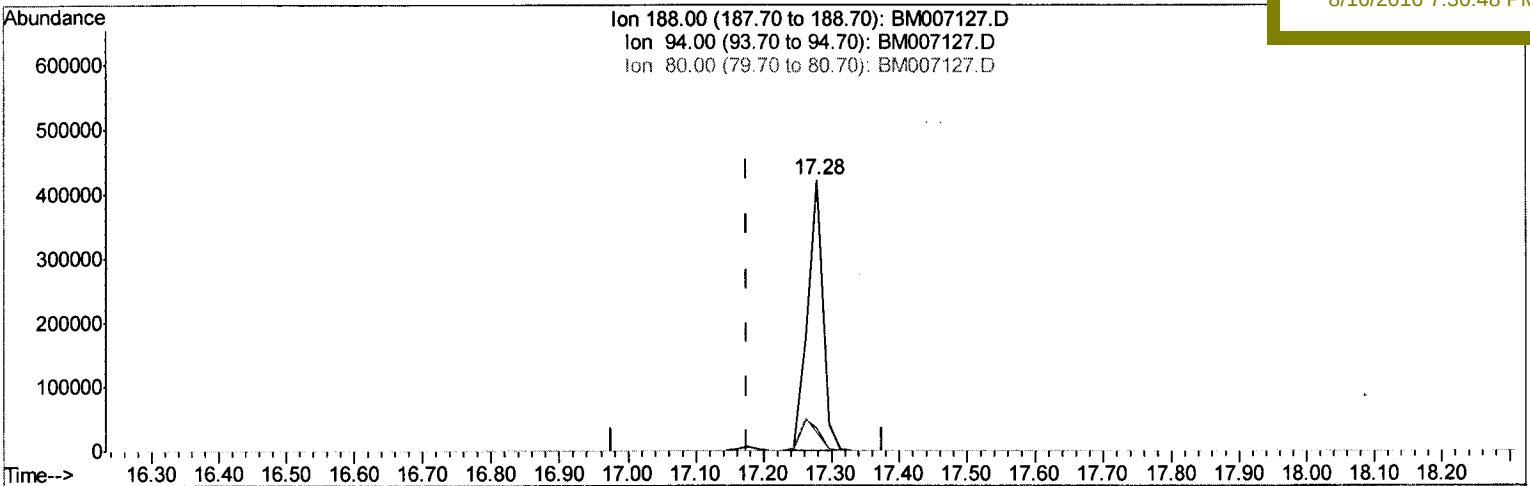
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM081516\  
 Data File : BM007127.D  
 Acq On : 15 Aug 2016 21:33  
 Operator : UM/SJ  
 Sample : H4338-13MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4V21MS

Quant Time: Aug 16 12:05:15 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM081516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 16 01:54:24 2016  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

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TIC: BM007127.D

(10) Phenanthrene-d10 (I)

17.279min (+0.103) 0.40ng/ul

response 656659

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.70 | 8.26# |
| 80.00  | 11.90 | 6.39# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

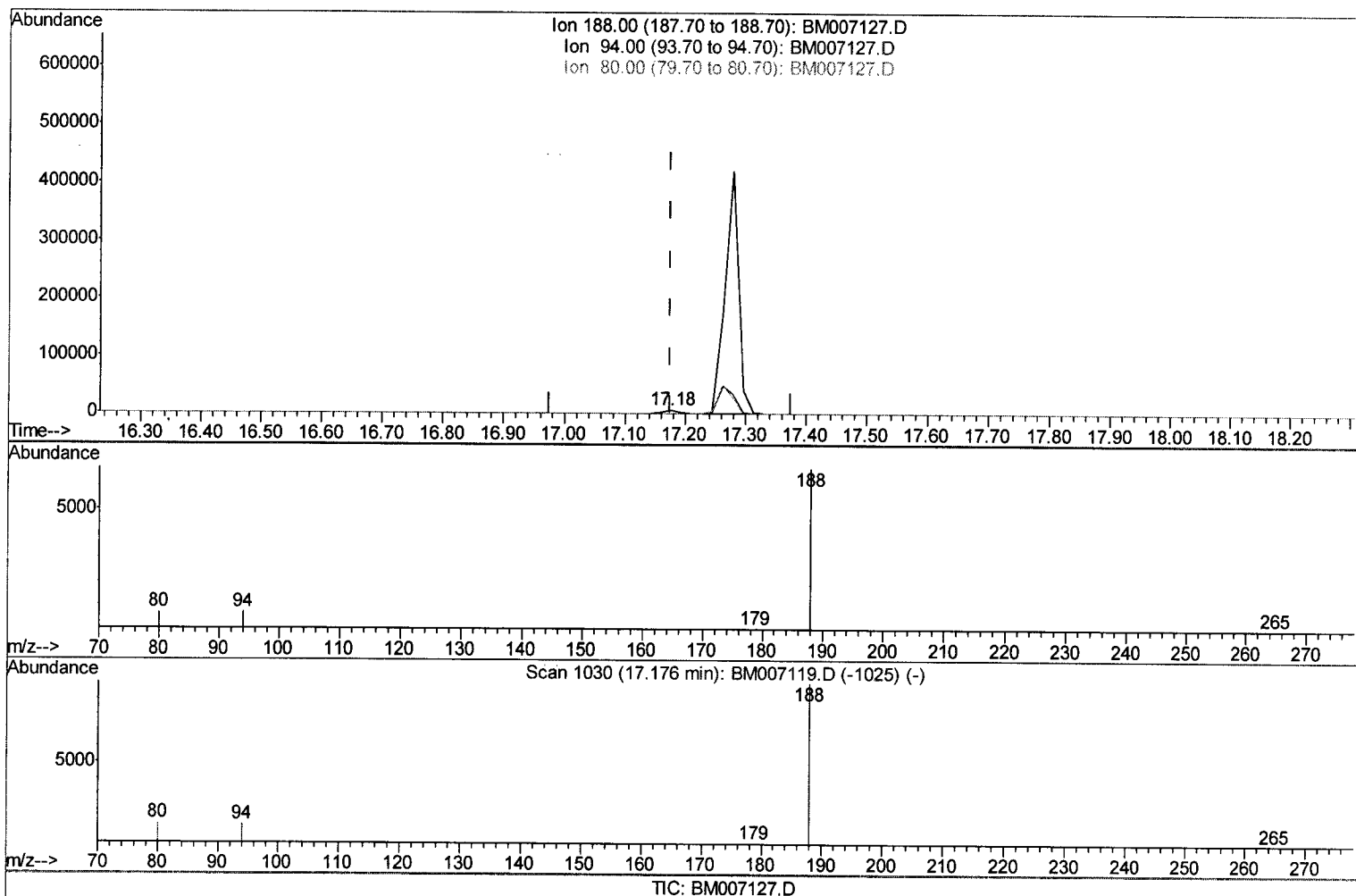
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM081516\  
 Data File : BM007127.D  
 Acq On : 15 Aug 2016 21:33  
 Operator : UM/SJ  
 Sample : H4338-13MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4V21MS

Manual Integrations  
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Quant Time: Aug 16 12:05:15 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM081516.M  
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 QLast Update : Tue Aug 16 01:54:24 2016  
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(10) Phenanthrene-d10 (I)

17.176min (+0.000) 0.40ng/ul m

response 9672

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.70 | 10.78 |
| 80.00  | 11.90 | 10.62 |
| 0.00   | 0.00  | 0.00  |

U.M  
 08/17/16

# Quantitation Report (Qedit)

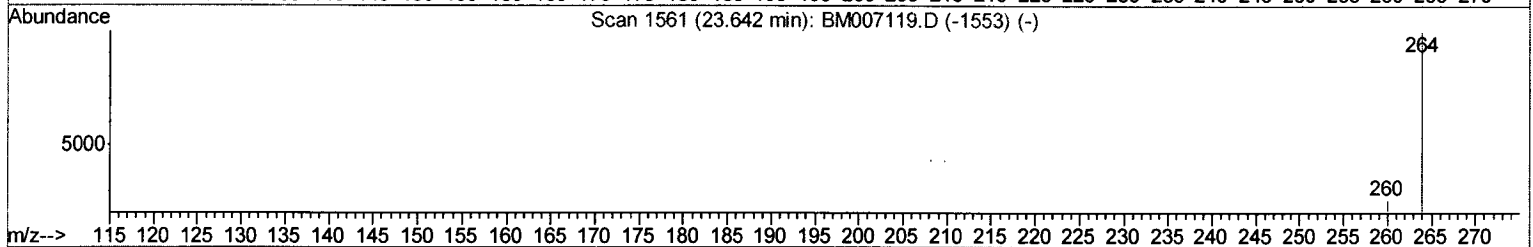
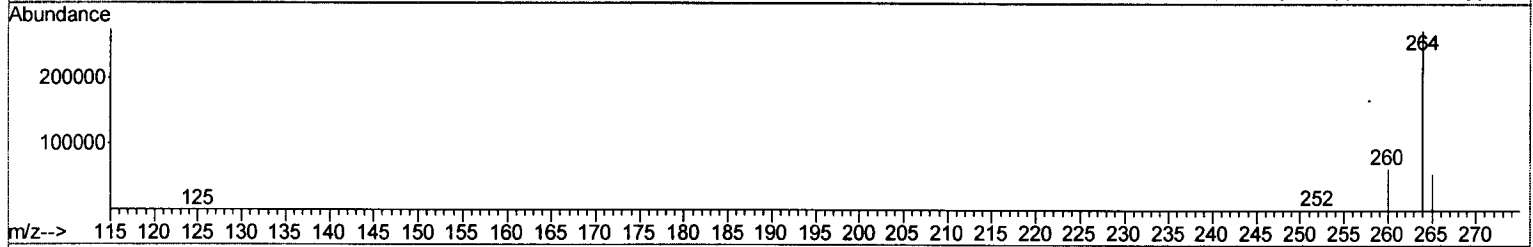
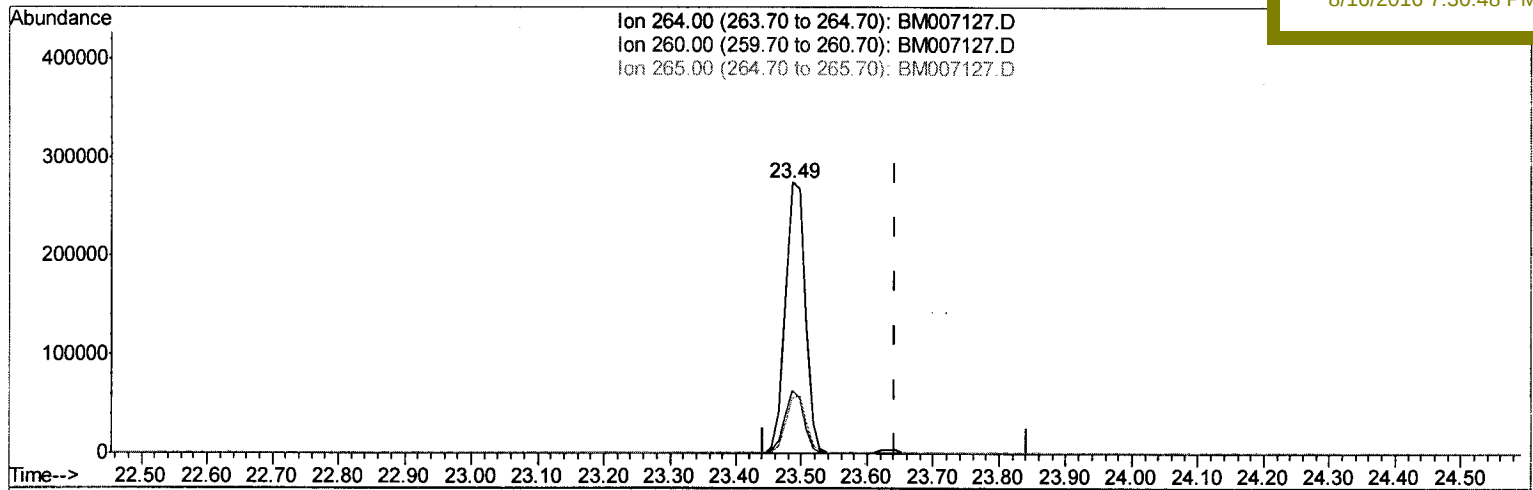
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM081516\  
 Data File : BM007127.D  
 Acq On : 15 Aug 2016 21:33  
 Operator : UM/SJ  
 Sample : H4338-13MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4V21MS

Quant Time: Aug 16 12:06:13 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM081516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 16 01:54:24 2016  
 Response via : Initial Calibration

Manual Integrations  
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TIC: BM007127.D

(20) Perylene-d12 (I)  
 23.486min (-0.156) 0.40ng/ul  
 response 563329

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 25.60 | 23.31  |
| 265.00 | 38.20 | 20.46# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

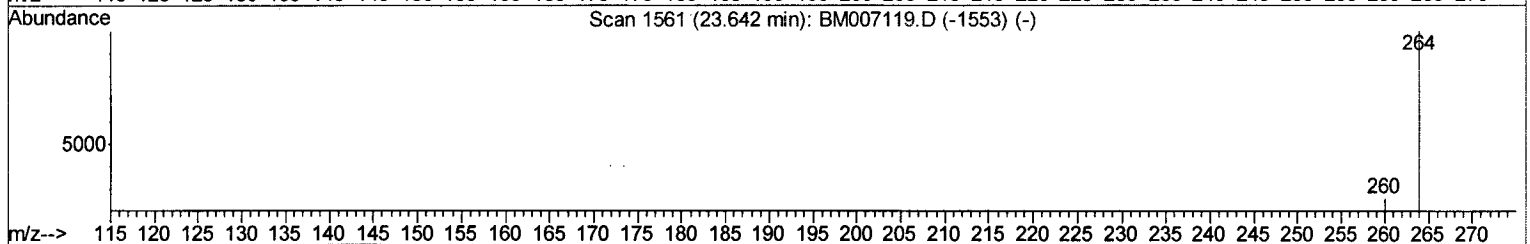
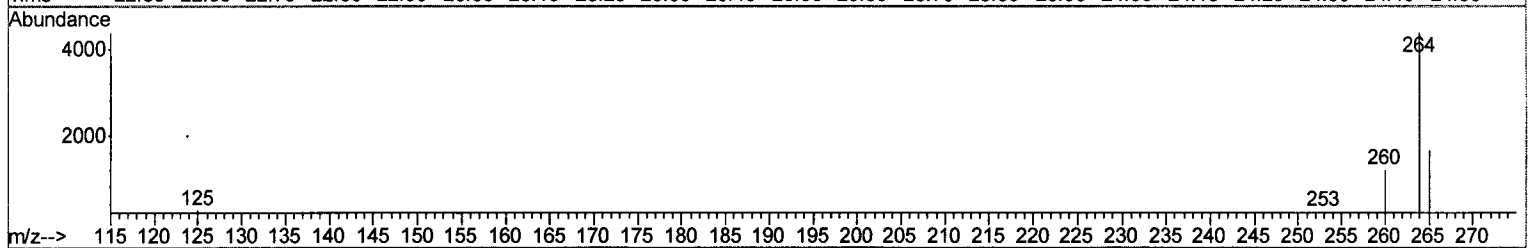
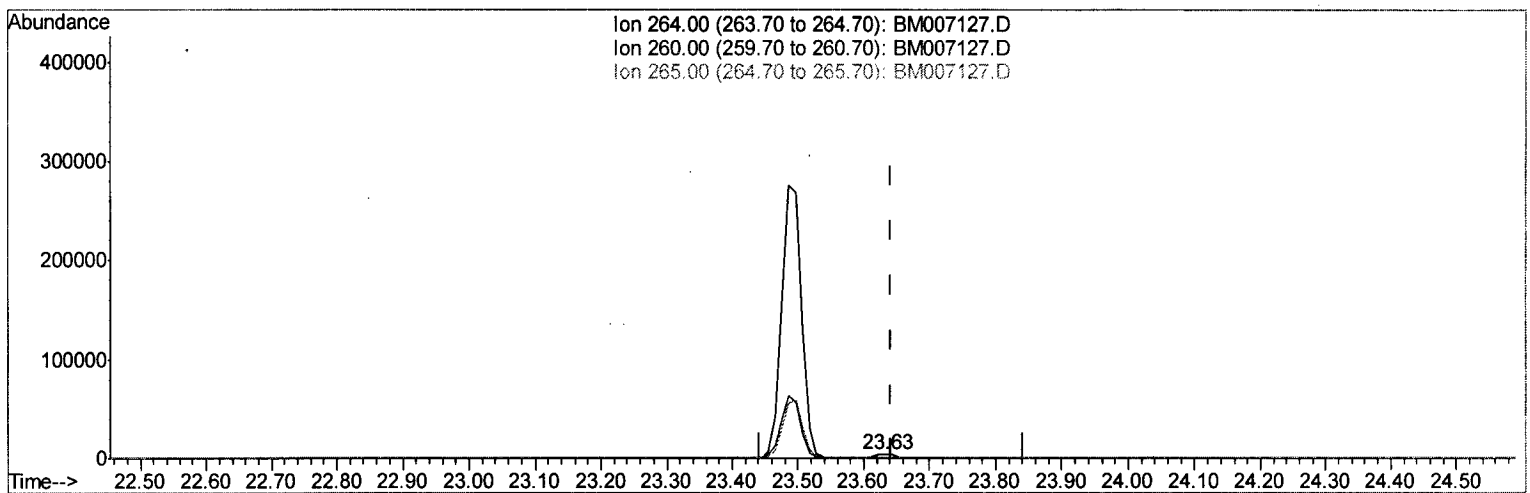
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM081516\  
 Data File : BM007127.D  
 Acq On : 15 Aug 2016 21:33  
 Operator : UM/SJ  
 Sample : H4338-13MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 A4V21MS

Manual Integrations  
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Quant Time: Aug 16 12:06:13 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM081516.M  
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TIC: BM007127.D

(20) Perylene-d12 (I)

23.632min (-0.010) 0.40ng/ul m

response 7630

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*08/17/16*

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 25.60 | 27.55 |
| 265.00 | 38.20 | 37.88 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (QT Reviewed)

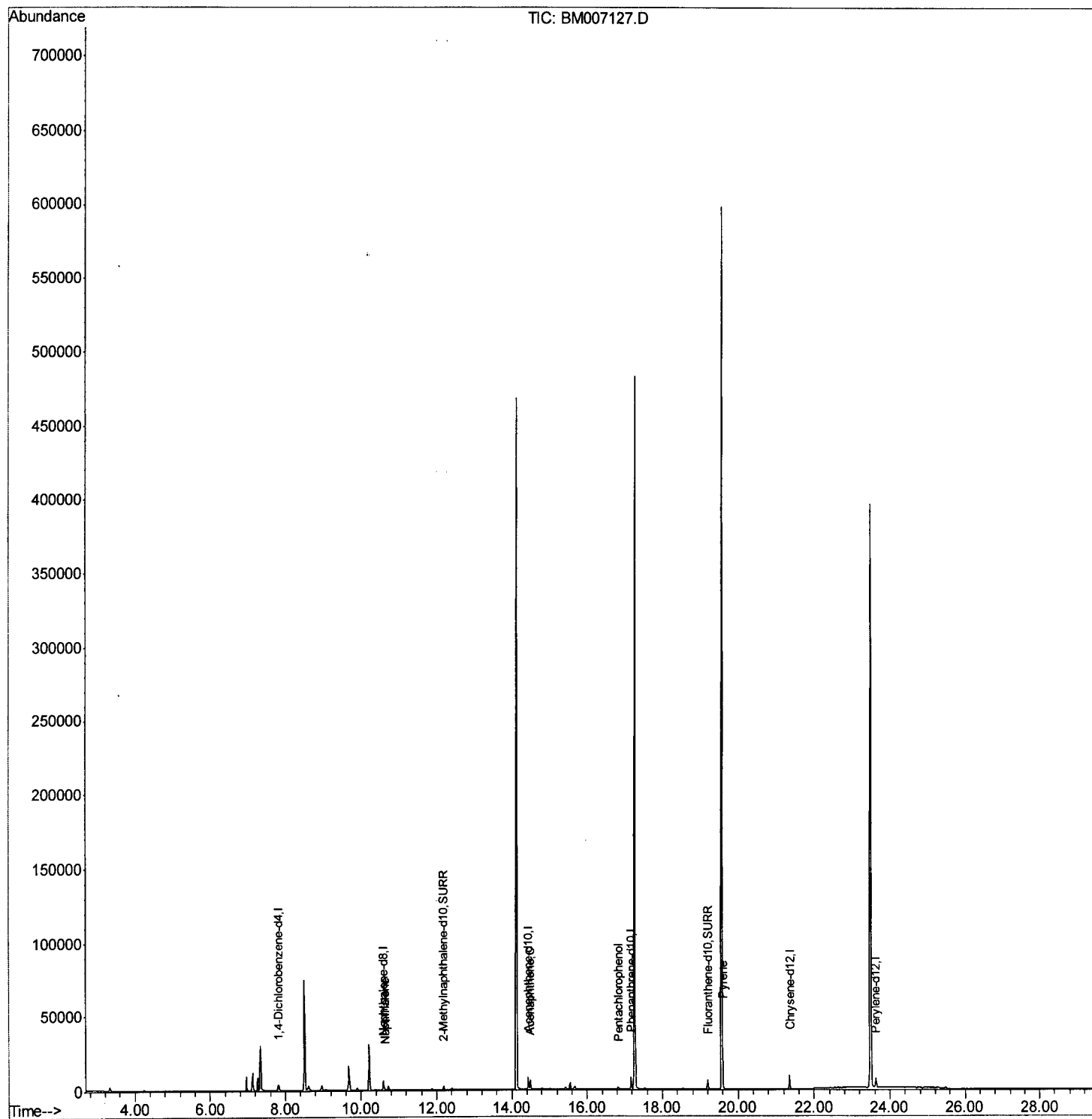
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM081516\  
 Data File : BM007127.D  
 Acq On : 15 Aug 2016 21:33  
 Operator : UM/SJ  
 Sample : H4338-13MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4V21MS

Manual Integrations  
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Quant Time: Aug 16 12:07:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM081516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 16 01:54:24 2016  
 Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA\_M\Data\BM081516\  
 Data File : BM007127.D  
 Acq On : 15 Aug 2016 21:33  
 Operator : UM/SJ  
 Sample : H4338-13MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4V21MS

Quant Time: Aug 16 12:07:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM081516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 16 01:54:24 2016  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 2387     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.60 | 136  | 9014     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.43 | 164  | 4569     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.18 | 188  | 9672m    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.36 | 240  | 8616     | 0.40 | ng/ul | -0.01    |
| 20) Perylene-d12          | 23.63 | 264  | 7630m    | 0.40 | ng/ul | -0.01    |

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| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.18 | 152  | 3463     | 0.31 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.21 | 212  | 7960     | 0.37 | ng/ul | 0.00     |

| Target Compounds      | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|-----------------------|-------|------|----------|------|--------|--------|
| 3) Naphthalene        | 10.65 | 128  | 679      | 0.03 | ng/ul# | 70     |
| 8) Acenaphthene       | 14.49 | 153  | 4987     | 0.31 | ng/ul# | 76     |
| 11) Pentachlorophenol | 16.83 | 266  | 1161     | 0.48 | ng/ul  | 94     |
| 17) Pyrene            | 19.60 | 202  | 13205    | 0.46 | ng/ul  | 98     |

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