

# Quantitation Report (QT Reviewed)

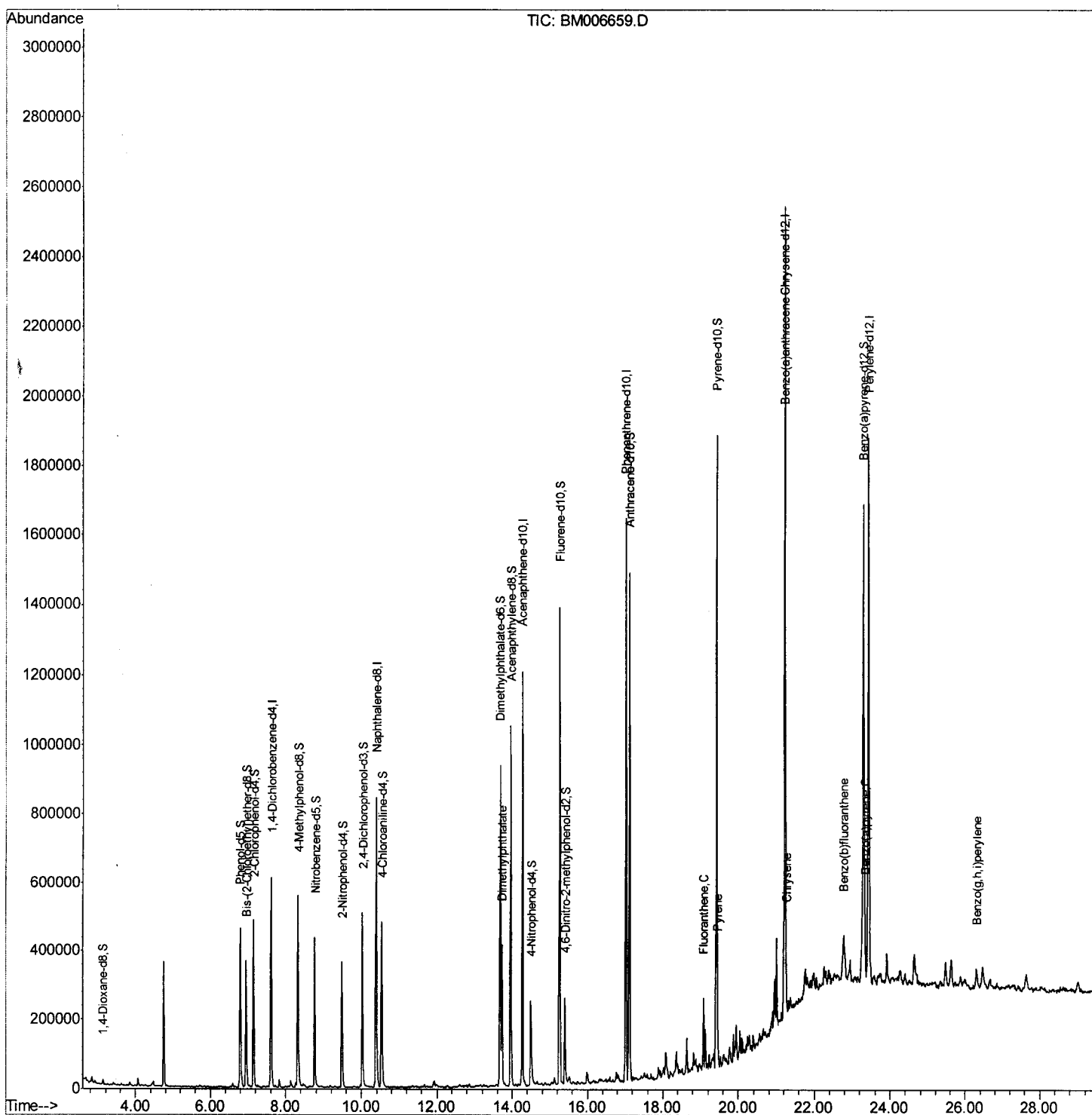
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM072616\  
 Data File : BM006659.D  
 Acq On : 26 Jul 2016 20:58  
 Operator : UM/SJ  
 Sample : H4062-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDJC3

Manual Integration

Quant Time: Jul 27 04:14:25 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072616.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 26 15:24:14 2016  
 Response via : Initial Calibration

APPROVED  
 sohil  
 7/27/2016 7:09:47 PM



# Quantitation Report (Qedit)

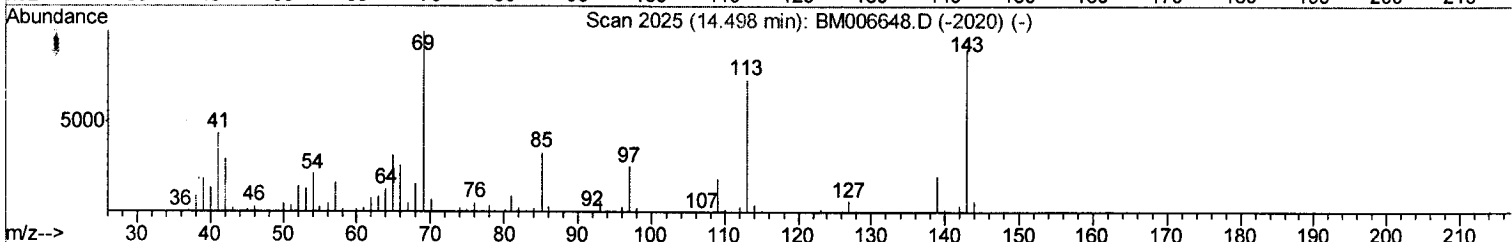
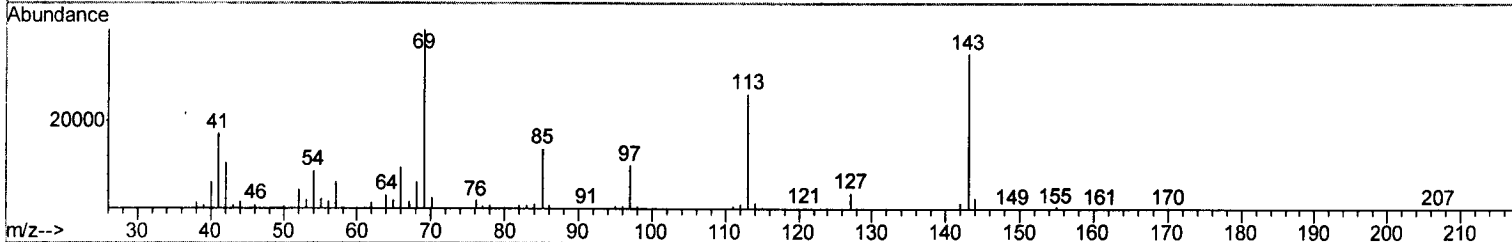
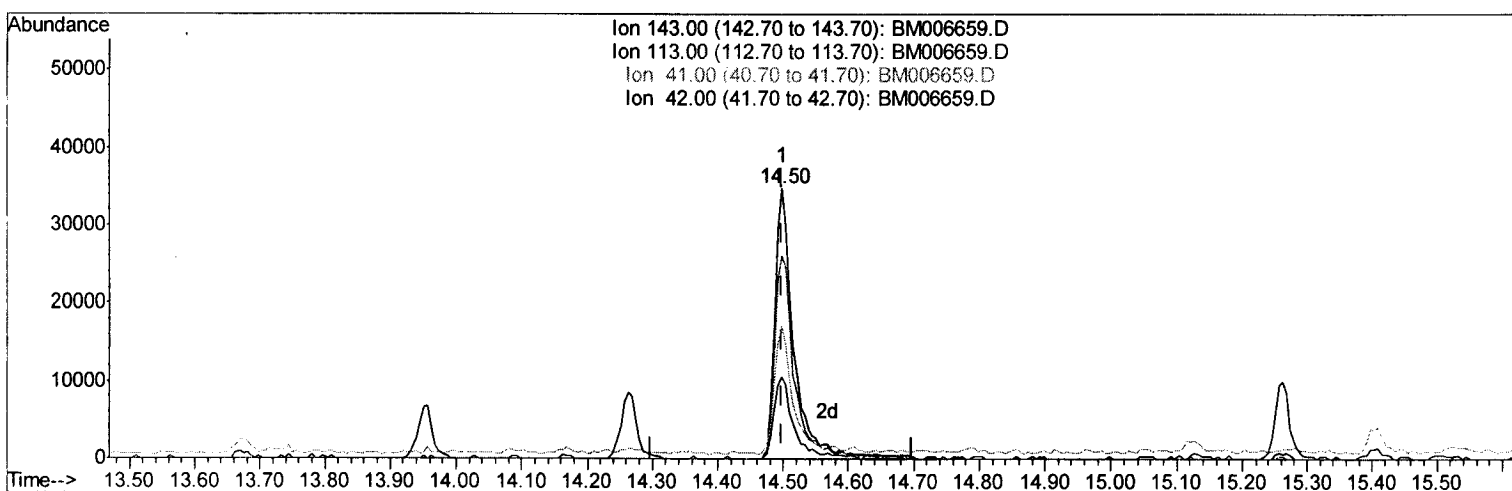
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Quant Time: Jul 27 03:55:19 2016  
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TIC: BM006659.D

(51) 4-Nitrophenol-d4 (S)

14.498min (-0.000) 12.48ng/ul m U.M

response 70120

07/28/16

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 88.10 | 74.83 |
| 41.00  | 48.30 | 49.16 |
| 42.00  | 33.70 | 30.41 |

# Quantitation Report (Qedit)

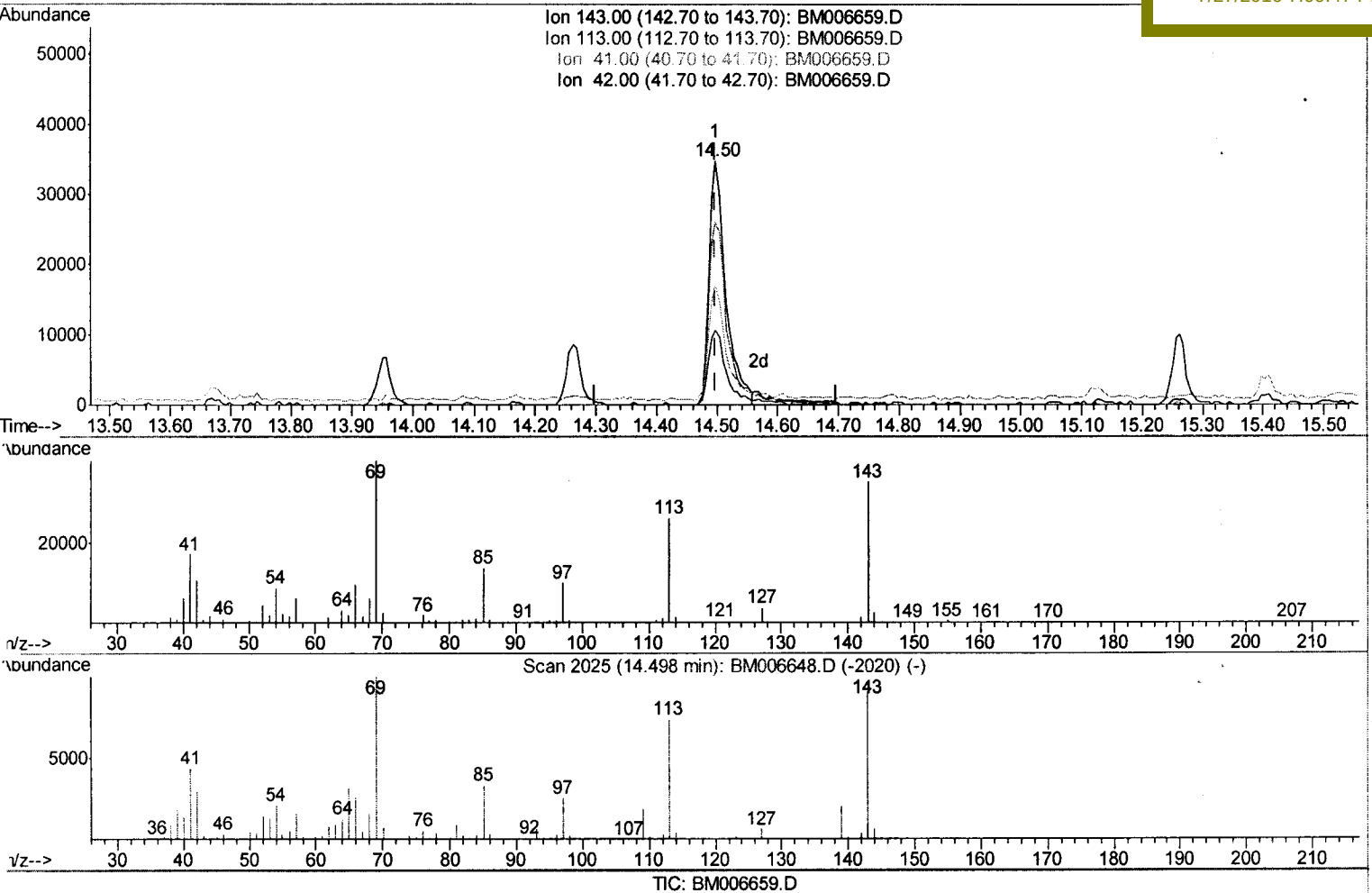
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM072616\  
 Data File : BM006659.D  
 Acq On : 26 Jul 2016 20:58  
 Operator : UM/SJ  
 Sample : H4062-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 27 03:55:19 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072616.M  
 Quant Title : SVOA CALIBRATION  
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Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDJC3

Manual Integration

APPROVED  
 sohil  
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(51) 4-Nitrophenol-d4 (S)

14.498min (-0.000) 11.82ng/ul

response 66452

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 88.10 | 74.83 |
| 41.00  | 48.30 | 49.16 |
| 42.00  | 33.70 | 30.41 |

# Quantitation Report (Qedit)

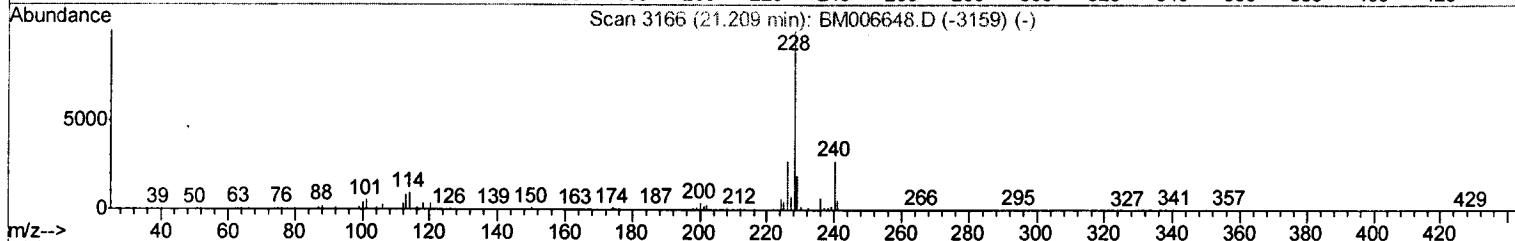
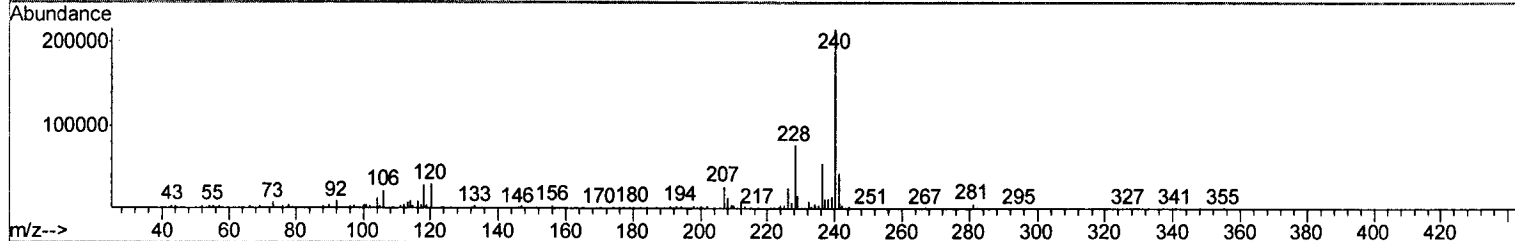
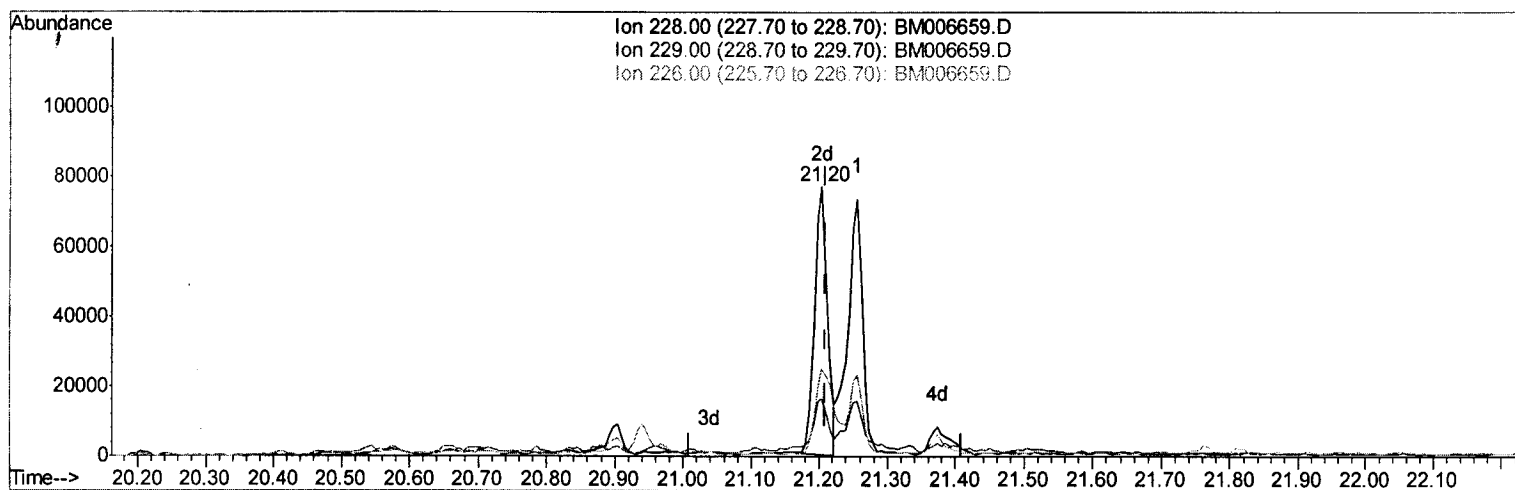
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 Data File : BM006659.D  
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 Operator : UM/SJ  
 Sample : H4062-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDJC3

Manual Integration

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Quant Time: Jul 27 04:12:59 2016  
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TIC: BM006659.D

(80) Benzo(a)anthracene

21.203min (-0.006) 1.58ng/ul m U.M

response 102070

07/28/16

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 19.50 | 21.30  |
| 226.00 | 26.80 | 32.67# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

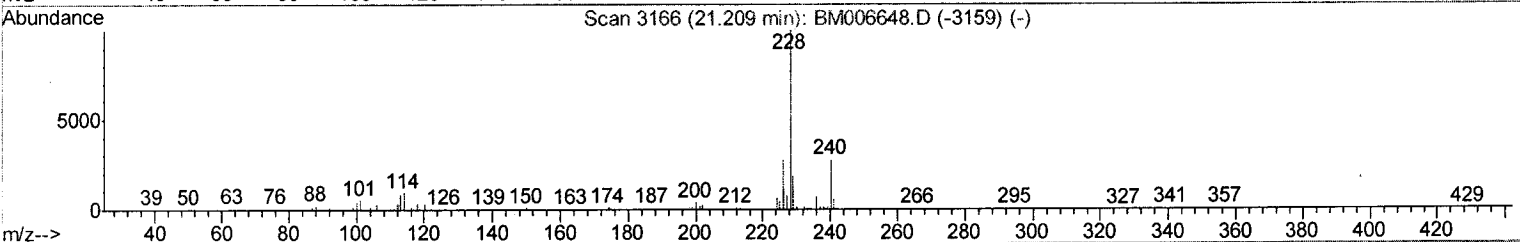
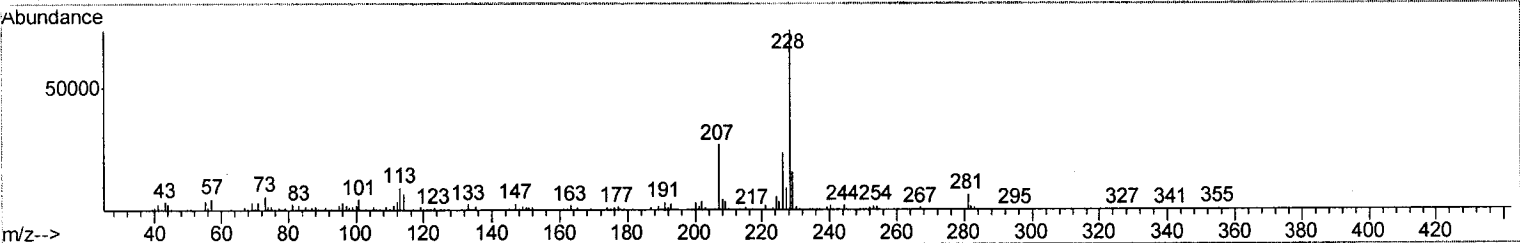
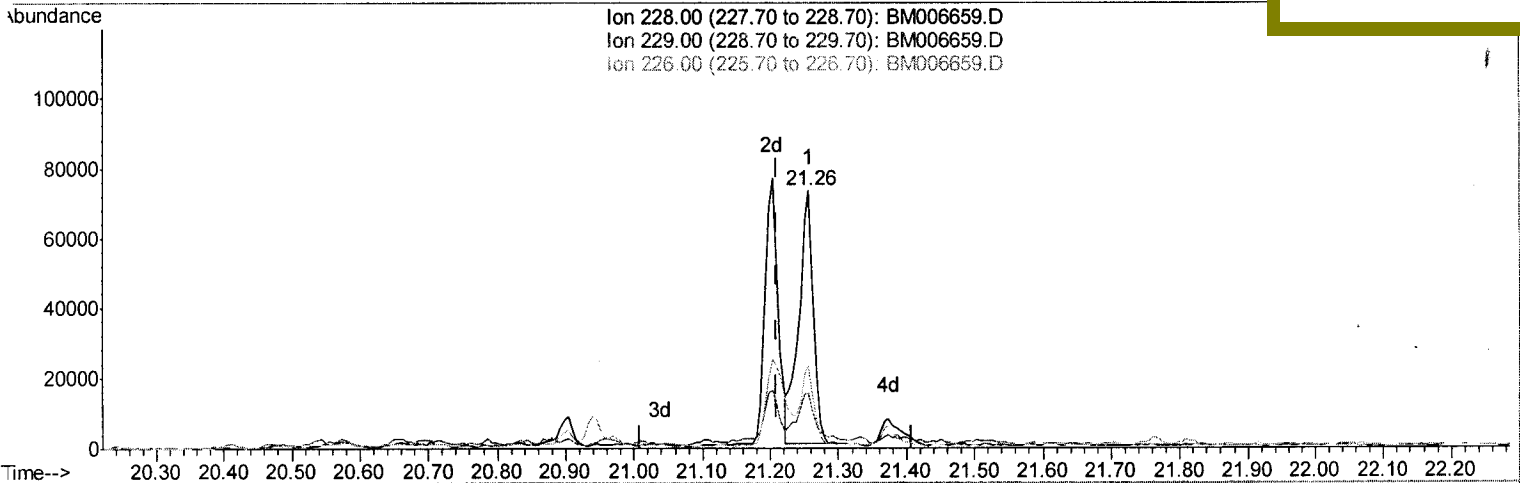
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Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
BDJC3

Quant Time: Jul 27 04:12:59 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072616.M  
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Manual Integration

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TIC: BM006659.D

(80) Benzo(a)anthracene

21.256min (+0.047) 1.67ng/ul

response 107682

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 19.50 | 21.32 |
| 226.00 | 26.80 | 31.69 |
| 0.00   | 0.00  | 0.00  |

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 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 158195   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 707158   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 409310   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.02 | 188  | 946090   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.22 | 240  | 1082063  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.42 | 264  | 1133818  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 7059   | 1.73  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.79  | 99  | 265661 | 19.10 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67  | 170587 | 19.97 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.15  | 132 | 209948 | 19.25 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.32  | 113 | 210129 | 19.27 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.76  | 128 | 99909  | 18.30 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.48  | 143 | 108421 | 18.38 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165 | 192118 | 17.77 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.53 | 131 | 261382 | 23.79 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.67 | 166 | 610333 | 18.69 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.95 | 160 | 767592 | 18.69 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.50 | 143 | 70120m | 12.48 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.26 | 176 | 540411 | 19.08 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 49782  | 9.65  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.12 | 188 | 822818 | 18.64 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.42 | 212 | 930419 | 18.53 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.29 | 264 | 960894 | 18.73 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |         |      | Qvalue    |
|--------------------------|-------|-----|---------|------|-----------|
| 44) Dimethylphthalate    | 13.72 | 163 | 244874  | 7.49 | ng/ul 98  |
| 74) Fluoranthene         | 19.08 | 202 | 121957  | 2.10 | ng/ul 98  |
| 77) Pyrene               | 19.45 | 202 | 137682  | 2.08 | ng/ul 99  |
| 80) Benzo(a)anthracene   | 21.20 | 228 | 102070m | 1.58 | ng/ul     |
| 82) Chrysene             | 21.26 | 228 | 109020  | 1.85 | ng/ul 96  |
| 85) Benzo(b)fluoranthene | 22.76 | 252 | 122294  | 1.82 | ng/ul# 92 |
| 88) Benzo(a)pyrene       | 23.33 | 252 | 118931  | 1.86 | ng/ul# 97 |
| 91) Benzo(g,h,i)perylene | 26.30 | 276 | 66420   | 1.03 | ng/ul 95  |

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