

# Quantitation Report (QT Reviewed)

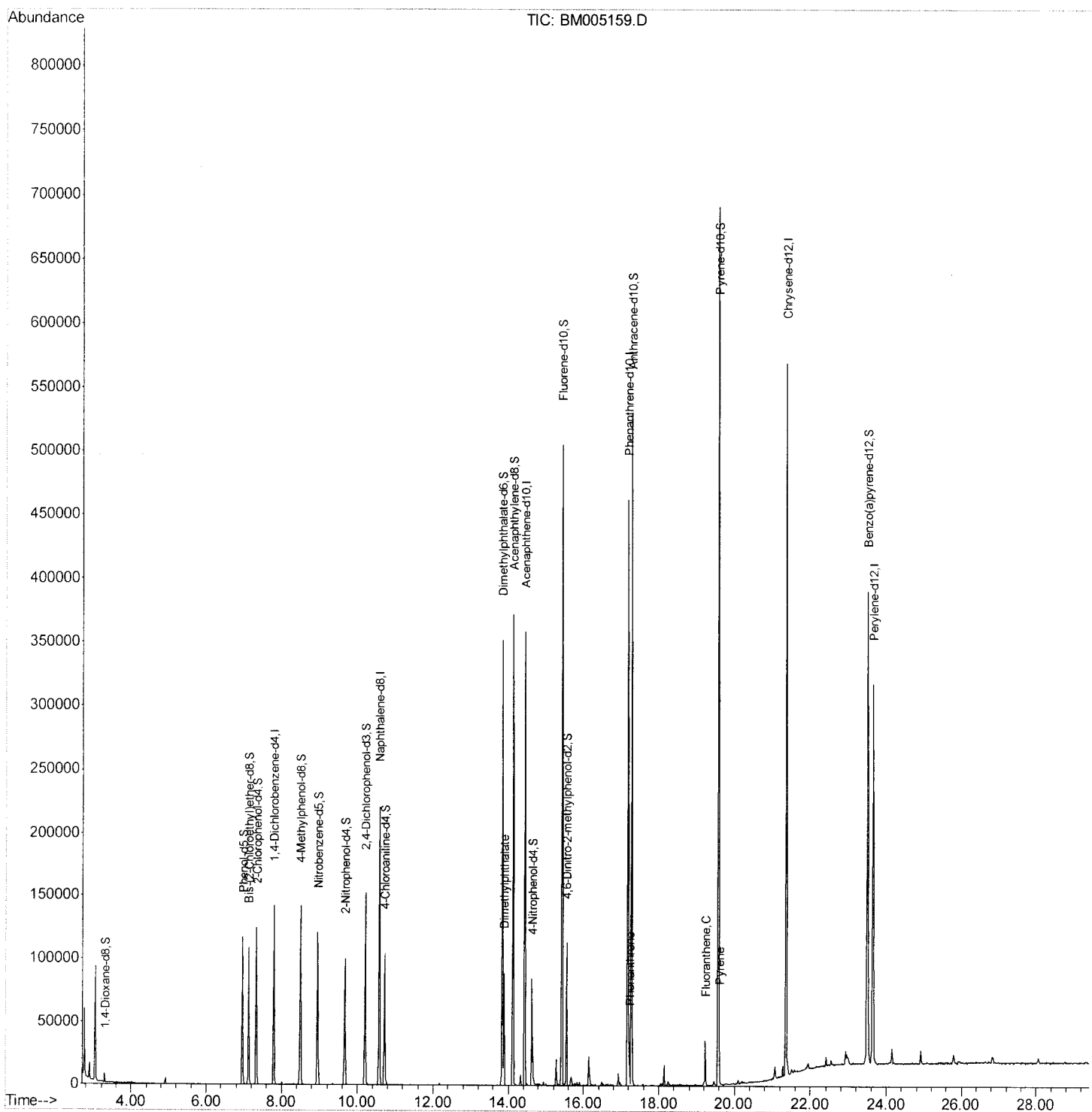
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM043016\  
 Data File : BM005159.D  
 Acq On : 30 Apr 2016 01:46  
 Operator : UM/SJ  
 Sample : H2729-08  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BD3B9

Manual Integrations  
 APPROVED

sohil  
 4/30/2016 11:27:41 AM

Quant Time: Apr 30 04:47:05 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM042516.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Apr 30 03:07:27 2016  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

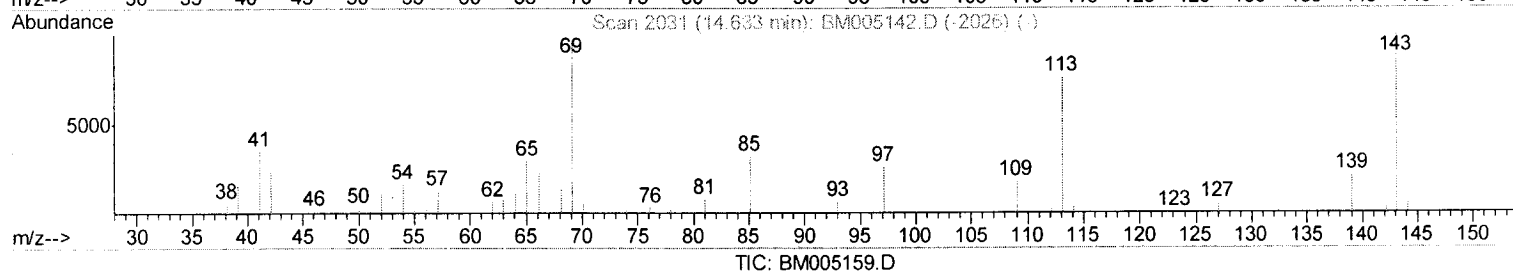
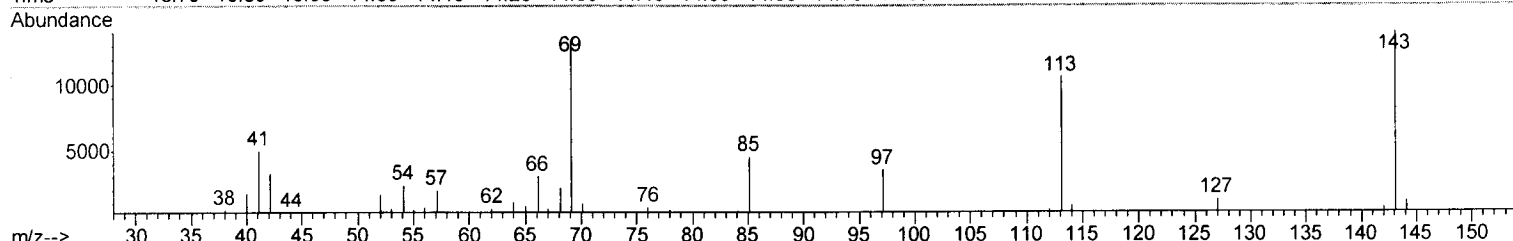
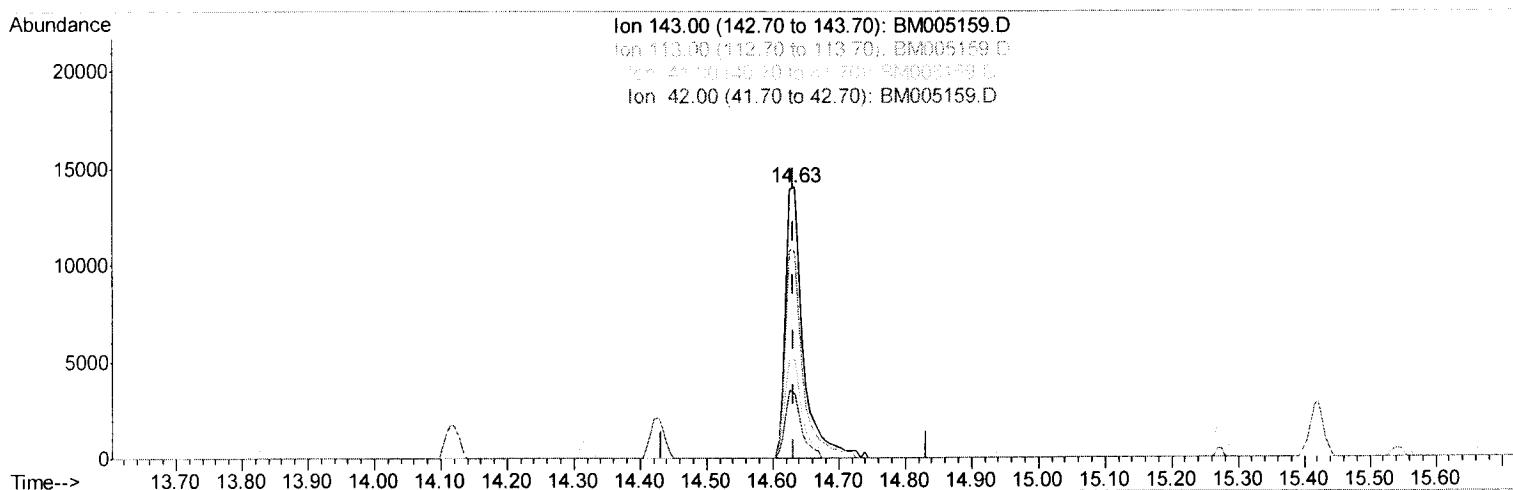
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(51) 4-Nitrophenol-d4 (S)

14.633min (-0.000) 15.70ng/ul m V.M  
 response 25742 05/06/16

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 75.50 | 75.81 |
| 41.00  | 35.90 | 35.92 |
| 42.00  | 22.90 | 23.72 |

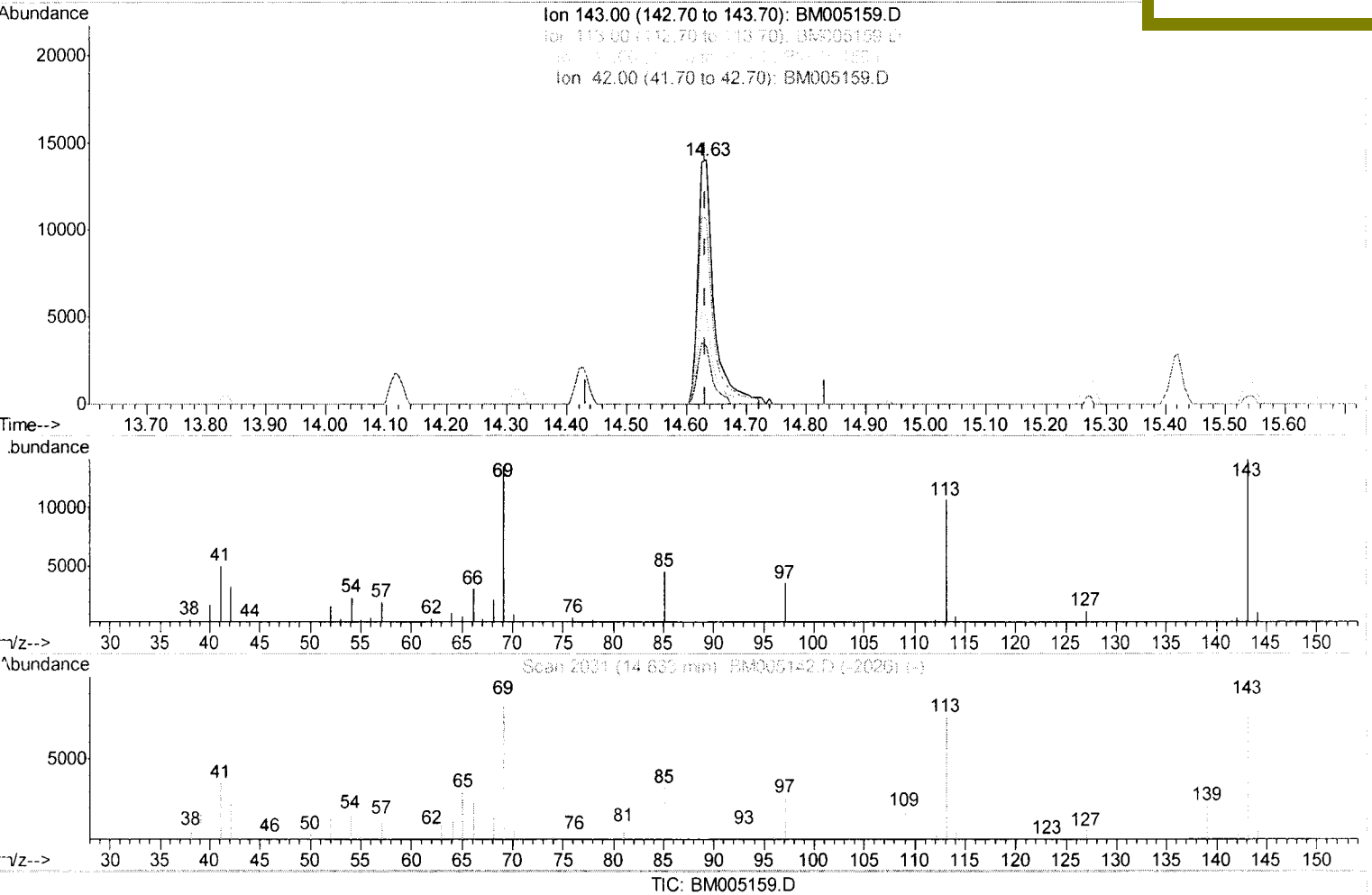
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Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BD3B9

Manual Integrations  
APPROVED

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Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.633min (-0.000) 15.55ng/ul

response 25509

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 75.50 | 75.81 |
| 41.00  | 35.90 | 35.92 |
| 42.00  | 22.90 | 23.72 |

# Quantitation Report (Qedit)

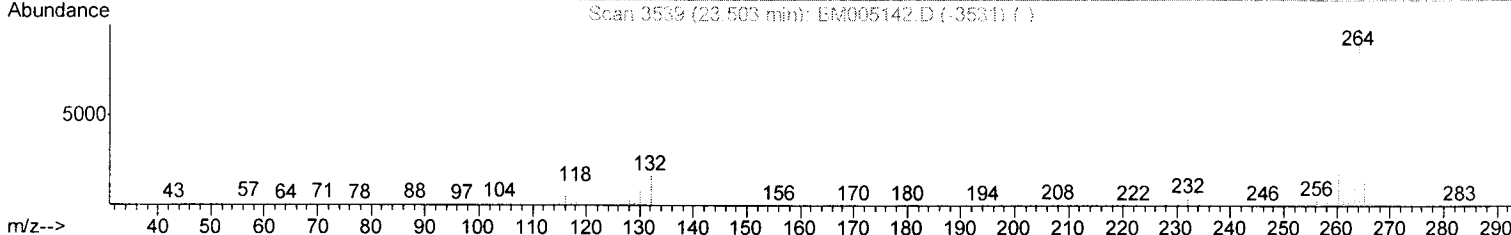
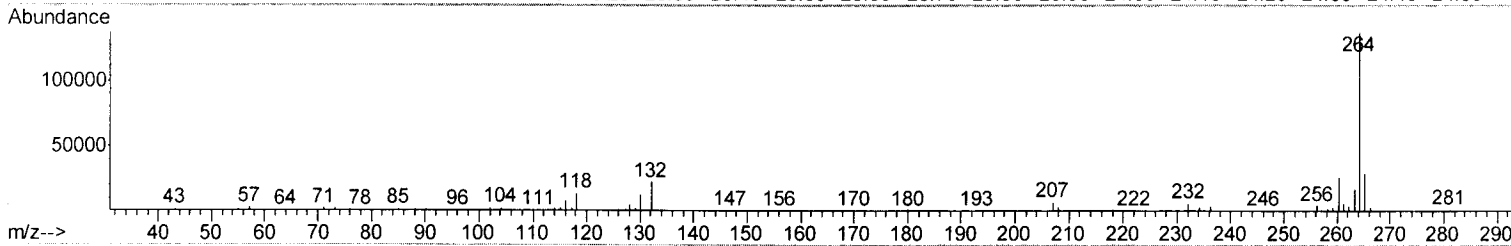
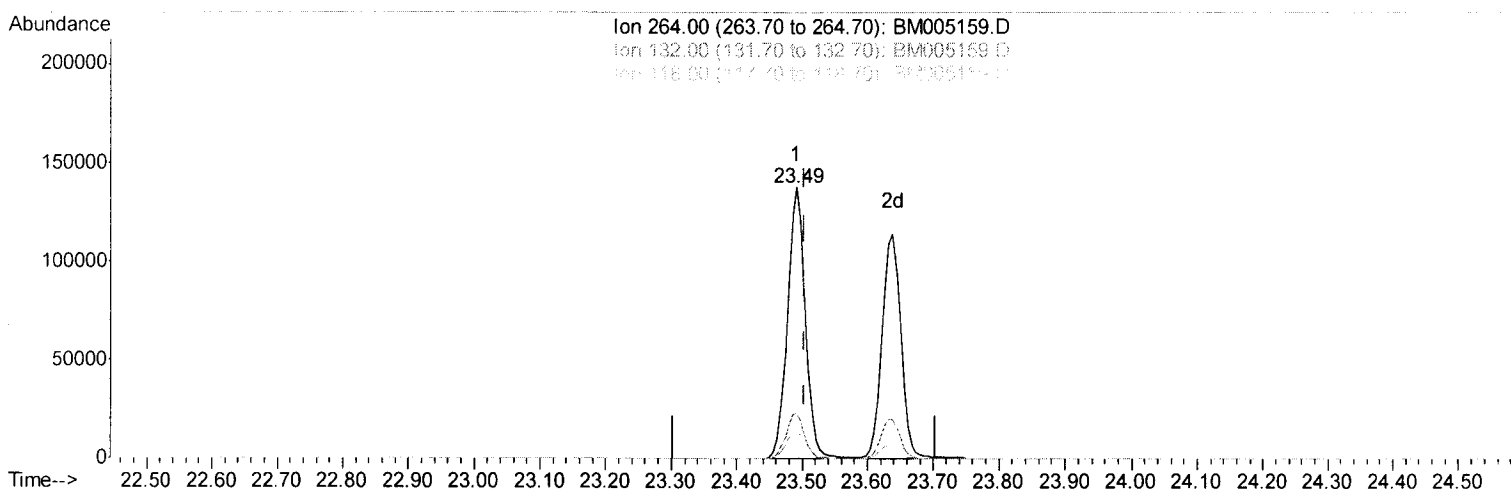
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TIC: BM005159.D

(87) Benzo(a)pyrene-d12 (S)

23.491min (-0.012) 26.38ng/ul m *U.M*  
*05/06/16*  
 response 262198

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 132.00 | 16.00 | 16.61 |
| 118.00 | 9.80  | 9.83  |
| 0.00   | 0.00  | 0.00  |

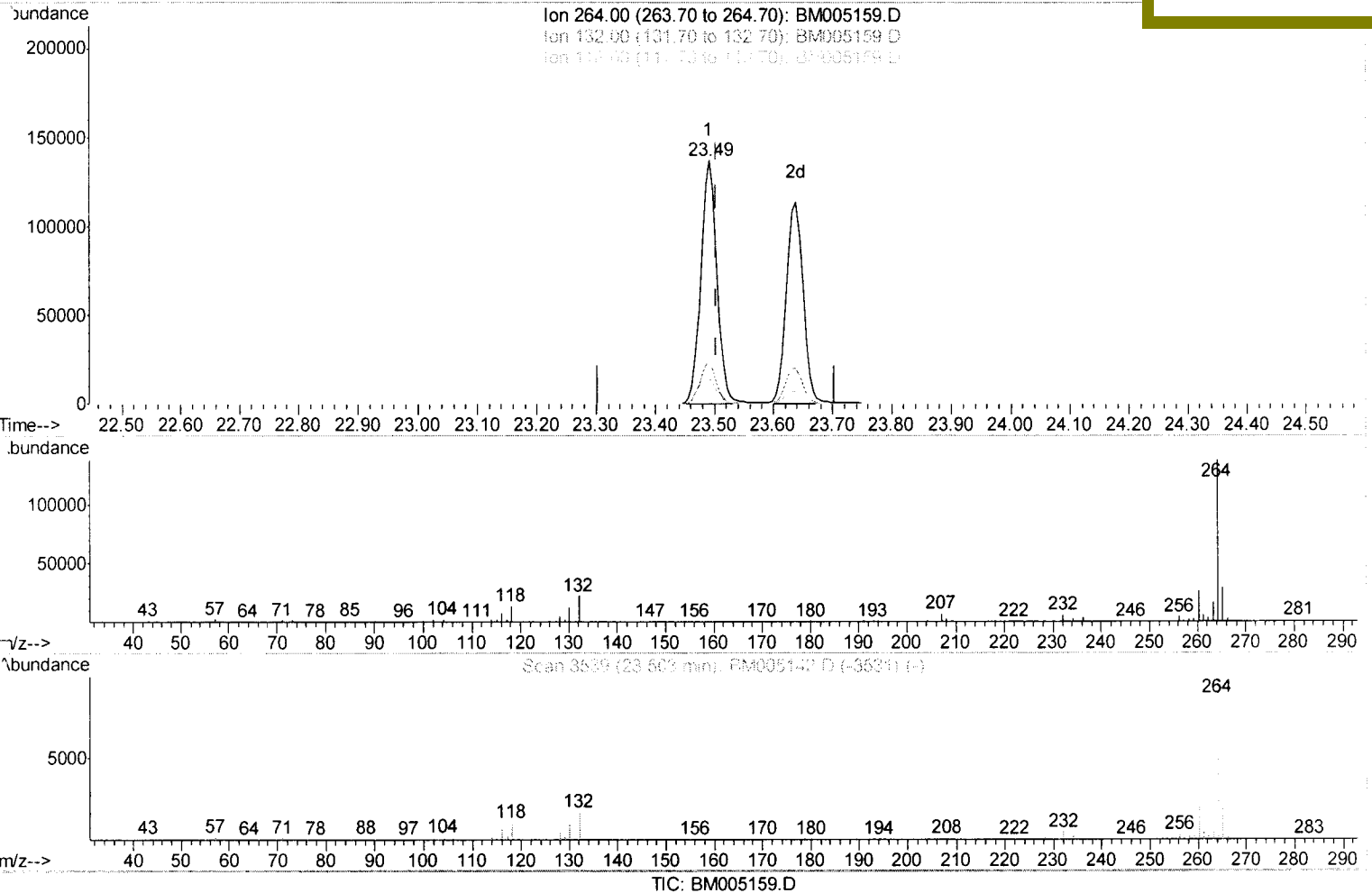
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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Manual Integrations  
APPROVED

sohil  
4/30/2016 11:27:41 AM



(87) Benzo(a)pyrene-d12 (S)

23.491min (-0.012) 26.36ng/ul

response 261981

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 132.00 | 16.00 | 16.61 |
| 118.00 | 9.80  | 9.83  |
| 0.00   | 0.00  | 0.00  |

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Manual Integrations  
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 4/30/2016 11:27:41 AM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 38653    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.57 | 136  | 184474   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.43 | 164  | 118811   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.17 | 188  | 276096   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.36 | 240  | 276000   | 20.00 | ng/ul | -0.01    |
| 83) Perylene-d12          | 23.64 | 264  | 221845   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96  | 3540    | 4.65  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.96  | 99  | 72898   | 22.80 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl) ether-d | 7.12  | 67  | 47712   | 26.23 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.32  | 132 | 60139   | 23.77 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.49  | 113 | 57236   | 21.11 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.95  | 128 | 29984   | 23.47 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.66  | 143 | 33741   | 23.67 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.20 | 165 | 60428   | 22.32 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.72 | 131 | 62947   | 19.83 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.83 | 166 | 228777  | 24.38 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.12 | 160 | 270761  | 24.23 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.63 | 143 | 25742m  | 15.70 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.42 | 176 | 201590  | 24.45 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 25219   | 16.06 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.27 | 188 | 316689  | 25.58 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.57 | 212 | 351610  | 27.98 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.49 | 264 | 262198m | 26.38 | ng/ul | -0.01 |

U.M  
 05/06/16

| Target Compounds      |       |     |       |      | Qvalue   |
|-----------------------|-------|-----|-------|------|----------|
| 44) Dimethylphthalate | 13.88 | 163 | 56374 | 5.99 | ng/ul 99 |
| 69) Phenanthrene      | 17.22 | 178 | 19012 | 1.29 | ng/ul 99 |
| 74) Fluoranthene      | 19.23 | 202 | 22897 | 1.42 | ng/ul 99 |
| 77) Pyrene            | 19.60 | 202 | 18978 | 1.19 | ng/ul 99 |

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