

# Quantitation Report (QT/LSC Reviewed)

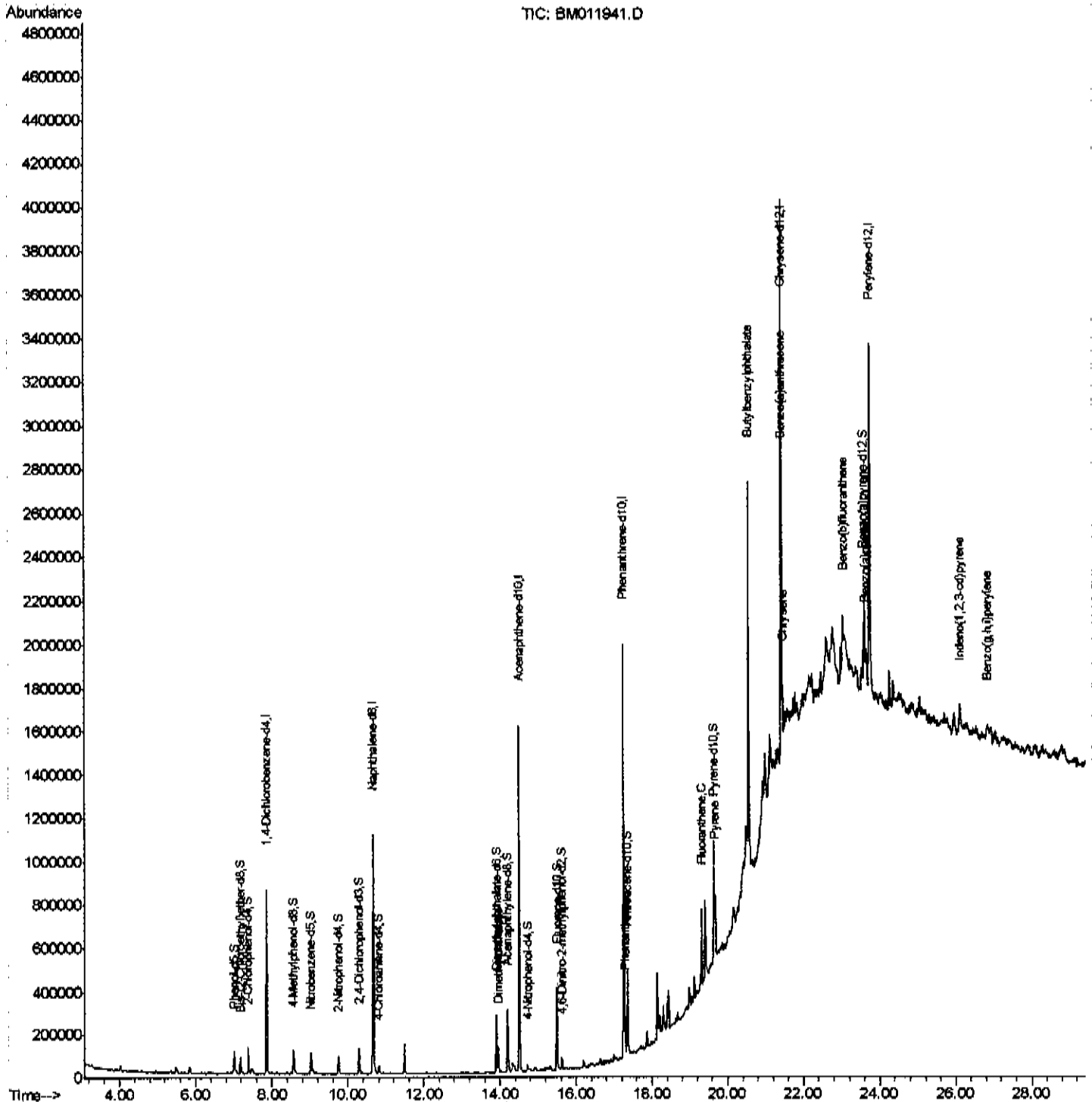
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM100617\  
 Data File : BM011941.D  
 Acq On : 06 Oct 2017 15:47  
 Operator : SJ/JU  
 Sample : I5449-05DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-60(5-7)-092617DL

Manual Integrations  
 APPROVED

Sohil  
 10/9/2017 6:38:49 PM

Quant Time: Oct 08 04:22:56 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM100317.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 07 05:58:48 2017  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

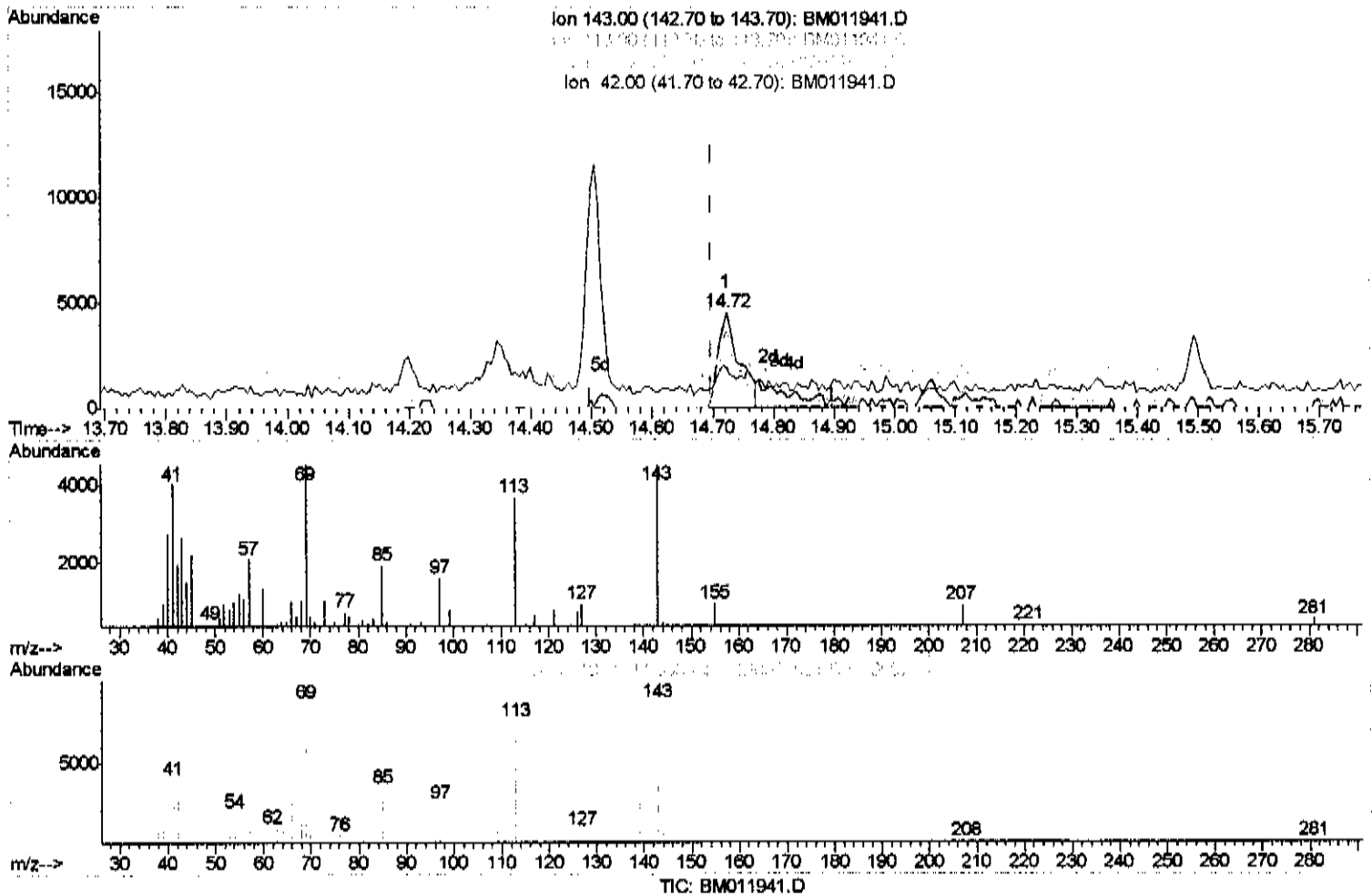
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(51) 4-Nitrophenol-d4 (S)

14.721min (+0.024) 1.39ng/ul

response 11026

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 80.65# |
| 41.00  | 34.80  | 88.62# |
| 42.00  | 20.50  | 42.46# |

# Quantitation Report (Qedit)

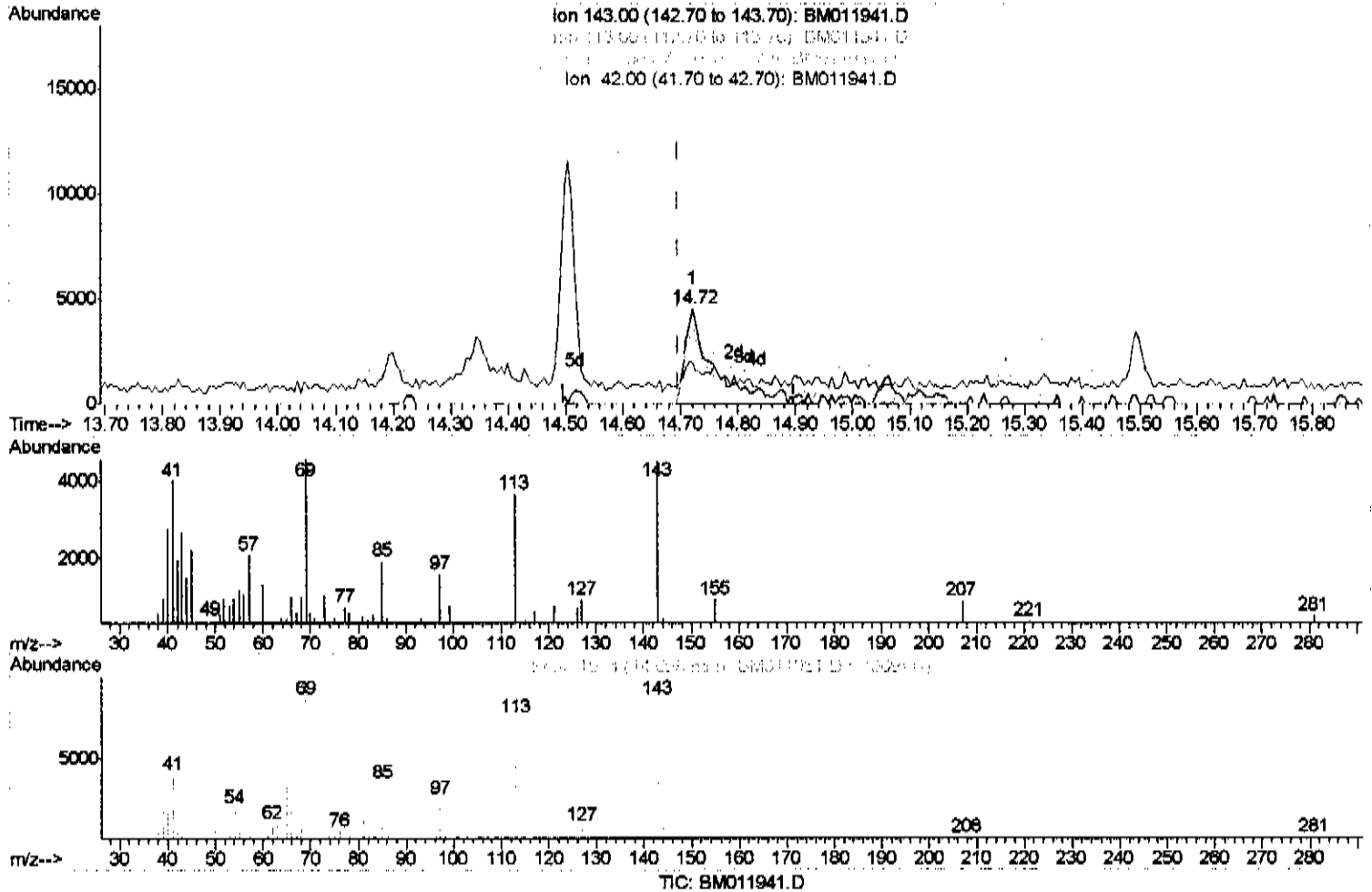
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(51) 4-Nitrophenol-d4 (S)

14.721min (+0.024) 1.97ng/ul m

response 15646

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 80.65% |
| 41.00  | 34.80  | 88.62% |
| 42.00  | 20.50  | 42.46% |

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BNA\_M  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.86  | 152  | 229272   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.66 | 136  | 933887   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.50 | 164  | 524909   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.24 | 188  | 1130724  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.42 | 240  | 1157003  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.74 | 264  | 1268611  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |       |
|--------------------------------|-------|-----|--------|------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.28  | 96  | 3917   | 0.81 | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.02  | 99  | 58112  | 2.95 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.19  | 67  | 40389  | 3.46 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.39  | 132 | 55401  | 3.50 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.56  | 113 | 47065  | 2.76 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.03  | 128 | 23898  | 3.59 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.75  | 143 | 28571  | 3.81 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.29 | 165 | 53924  | 3.56 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.81 | 131 | 25410  | 1.54 | ng/ul | 0.01  |
| 43) Dimethylphthalate-d6       | 13.91 | 166 | 183413 | 4.03 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.20 | 160 | 204048 | 3.82 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.72 | 143 | 15646m | 1.97 | ng/ul | >0.02 |
| 57) Fluorene-d10               | 15.50 | 176 | 152292 | 3.79 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.62 | 200 | 12321  | 1.62 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.34 | 188 | 234736 | 4.21 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.63 | 212 | 252450 | 4.84 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.59 | 264 | 245205 | 4.02 | ng/ul | 0.00  |

## Target Compounds

|                            |       |     |        |              | Qvalue |
|----------------------------|-------|-----|--------|--------------|--------|
| 44) Dimethylphthalate      | 13.96 | 163 | 75334  | 1.721 ng/ul  | 100    |
| 69) Phenanthrene           | 17.29 | 178 | 105950 | 1.703 ng/ul  | 98     |
| 74) Fluoranthene           | 19.30 | 202 | 202634 | 2.670 ng/ul# | 91     |
| 77) Pyrene                 | 19.66 | 202 | 190217 | 2.965 ng/ul# | 86     |
| 78) Butylbenzylphthalate   | 20.55 | 149 | 472347 | 18.796 ng/ul | 88     |
| 80) Benzo(a)anthracene     | 21.40 | 228 | 115110 | 1.737 ng/ul# | 93     |
| 82) Chrysene               | 21.46 | 228 | 109942 | 1.746 ng/ul# | 90     |
| 85) Benzo(b)fluoranthene   | 23.04 | 252 | 152664 | 1.980 ng/ul# | 85     |
| 88) Benzo(a)pyrene         | 23.64 | 252 | 109783 | 1.482 ng/ul# | 85     |
| 89) Indeno(1,2,3-cd)pyrene | 26.11 | 276 | 83246  | 1.050 ng/ul# | 82     |
| 91) Benzo(g,h,i)perylene   | 26.84 | 276 | 77863  | 1.187 ng/ul# | 79     |

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