

# Quantitation Report (Qedit)

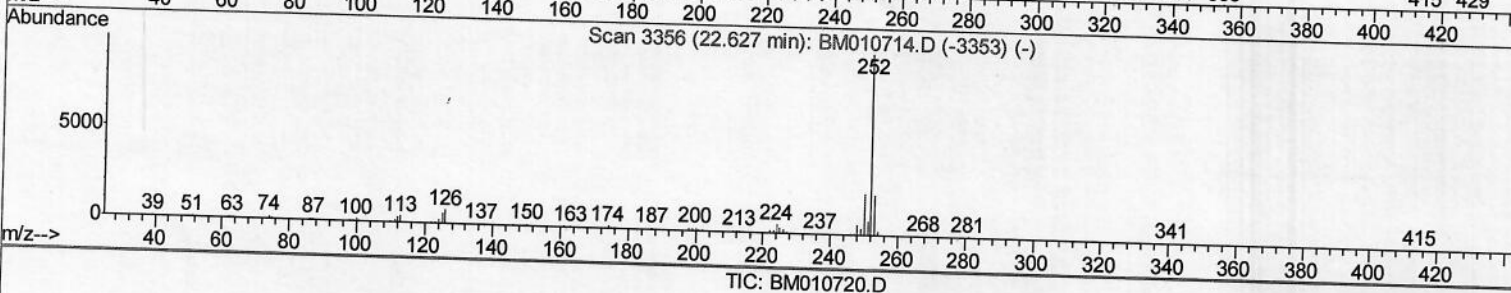
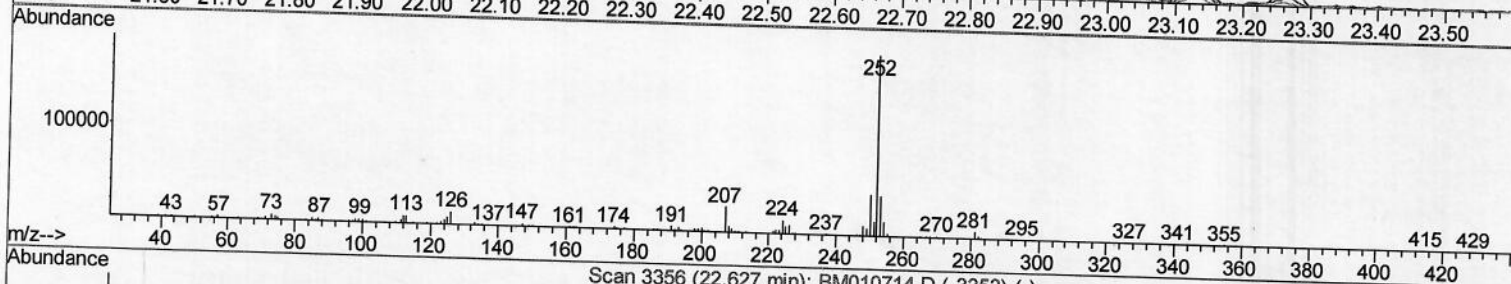
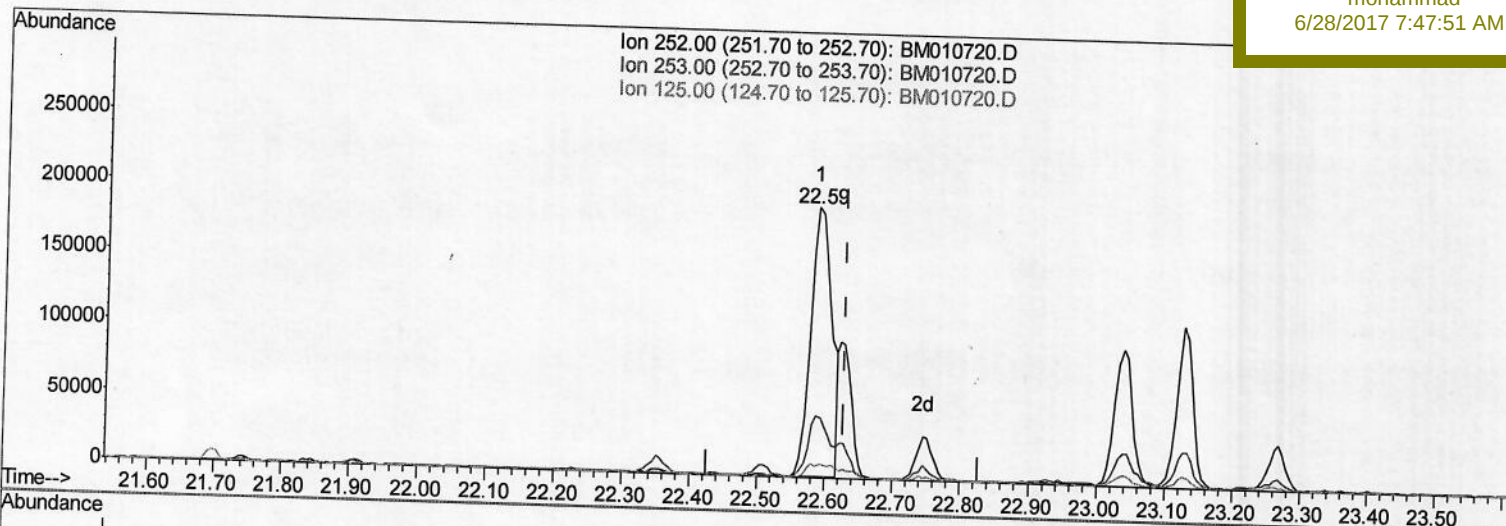
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM062317\  
 Data File : BM010720.D  
 Acq On : 24 Jun 2017 09:14  
 Operator : SJ/JU  
 Sample : I3627-09  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 26 01:51:18 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM062017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 26 01:49:13 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F5A69

Manual Integrations  
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mohammad  
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(86) Benzo(k)fluoranthene

22.586min (-0.041) 14.54ng/ul

response 409772

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.40 | 22.86 |
| 125.00 | 4.30  | 4.22  |
| 0.00   | 0.00  | 0.00  |

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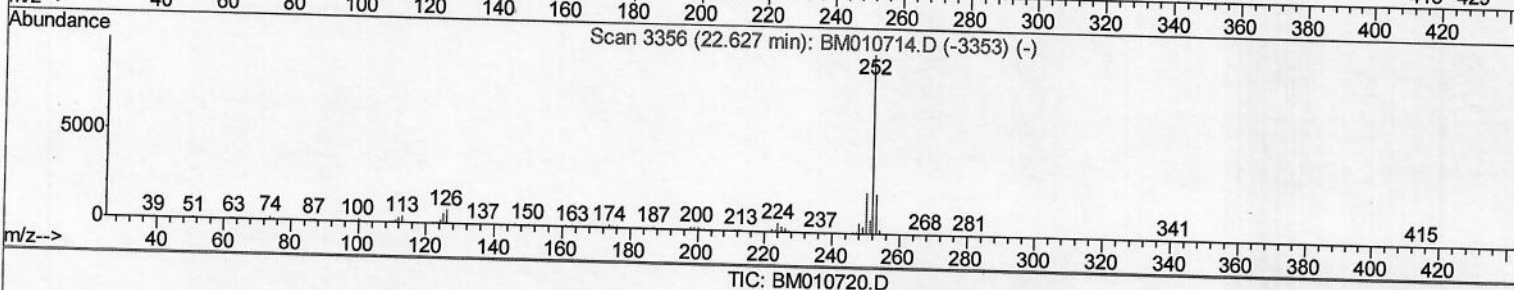
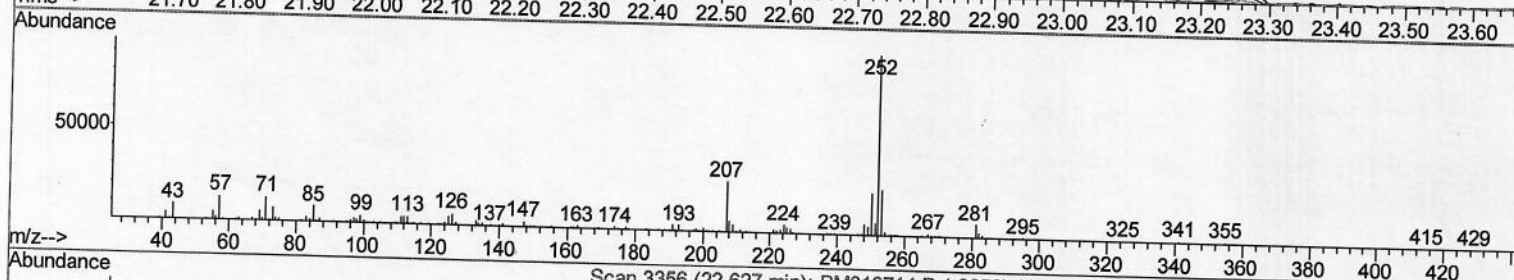
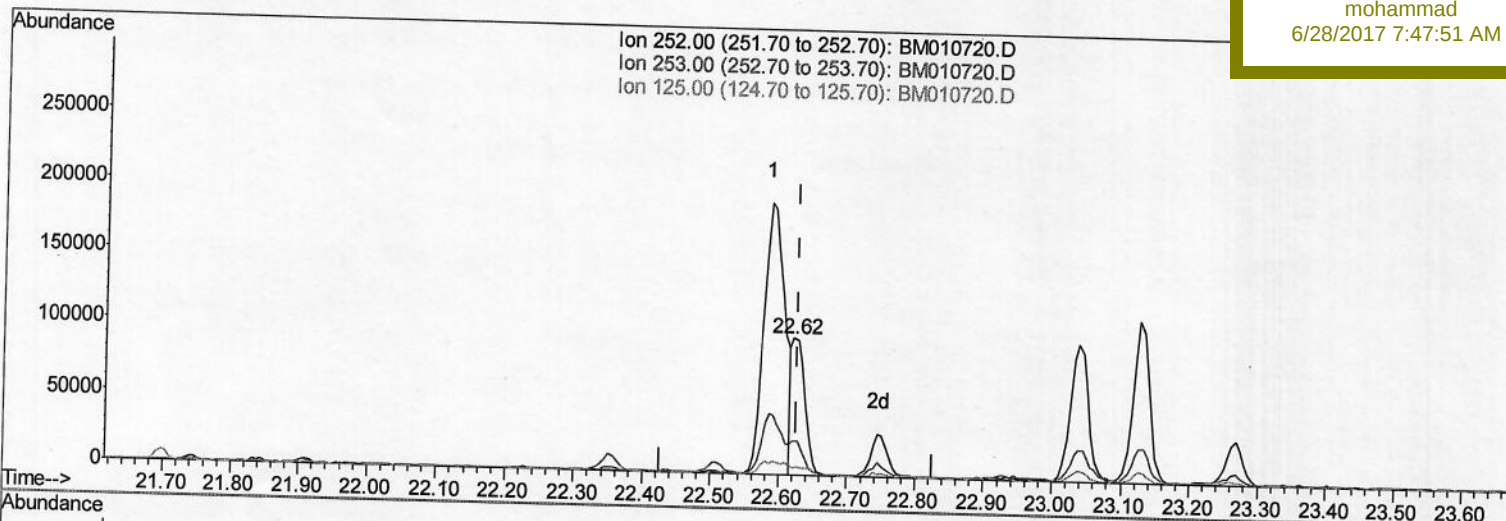
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TIC: BM010720.D

(86) Benzo(k)fluoranthene

22.621min (-0.006) 4.49ng/ul m

response 126468

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.40 | 25.41 |
| 125.00 | 4.30  | 5.02  |
| 0.00   | 0.00  | 0.00  |

*Handwritten:* > 5.3  
 06/29/17

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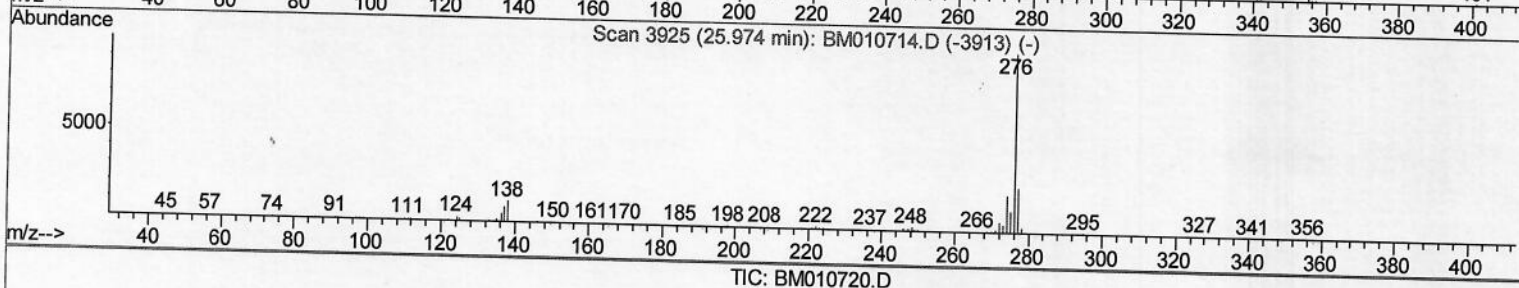
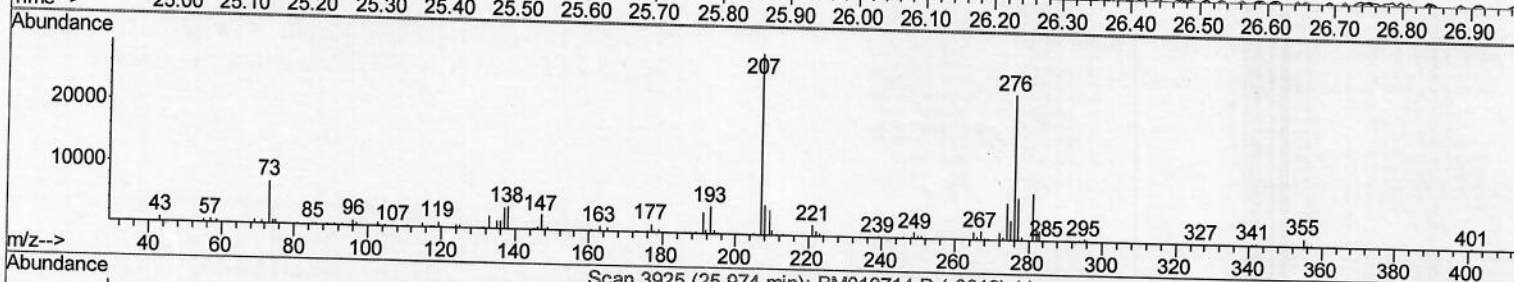
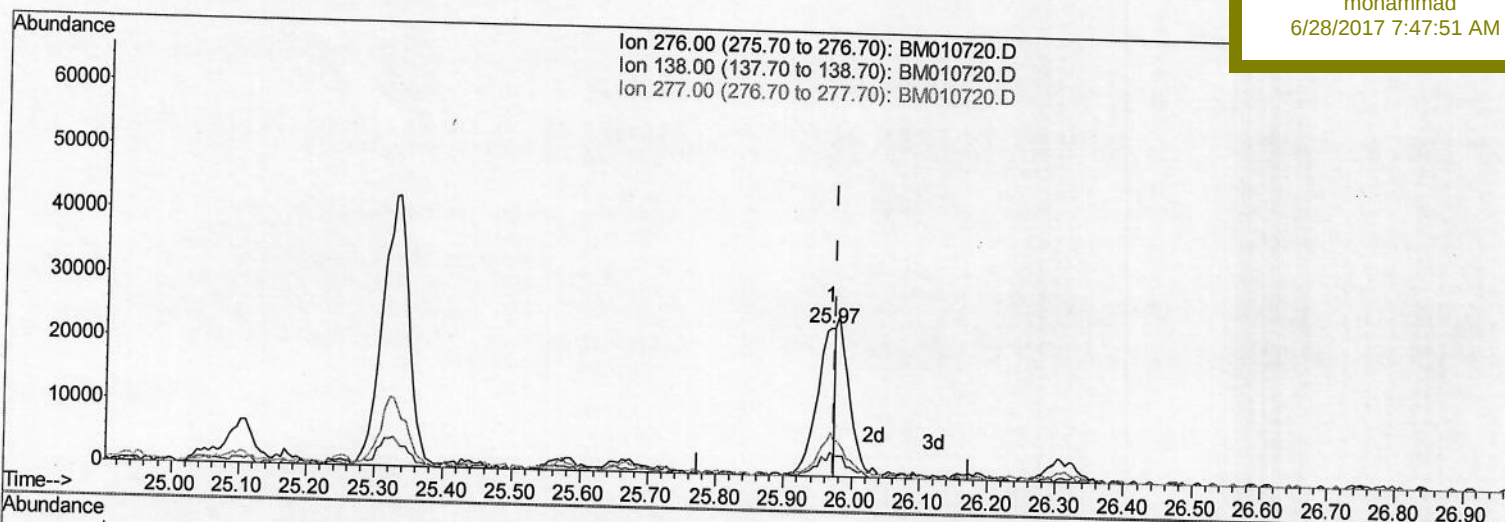
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 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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(91) Benzo(g,h,i)perylene

25.968min (-0.006) 2.01ng/ul

response 45351

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 10.60 | 16.35# |
| 277.00 | 23.30 | 29.66# |
| 0.00   | 0.00  | 0.00   |

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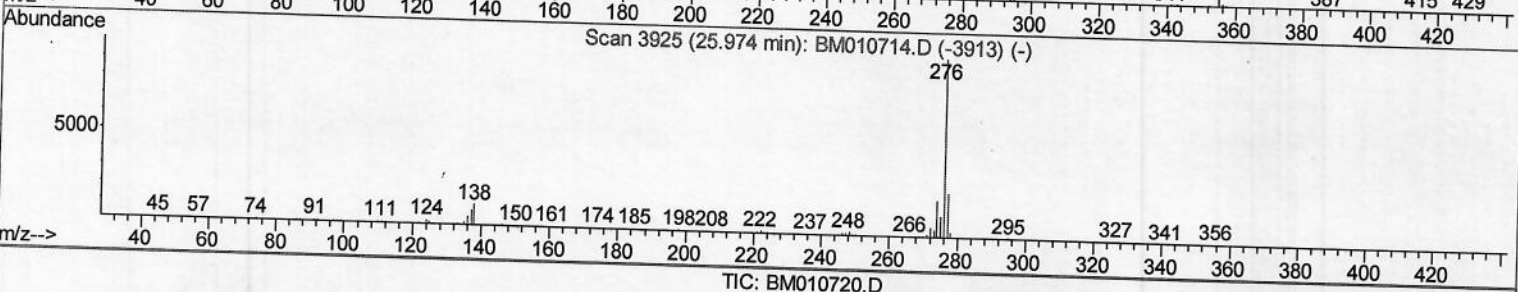
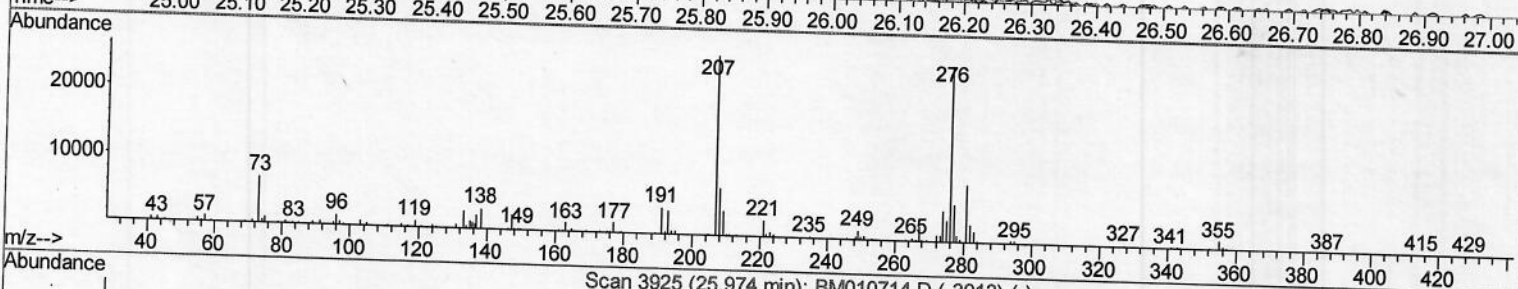
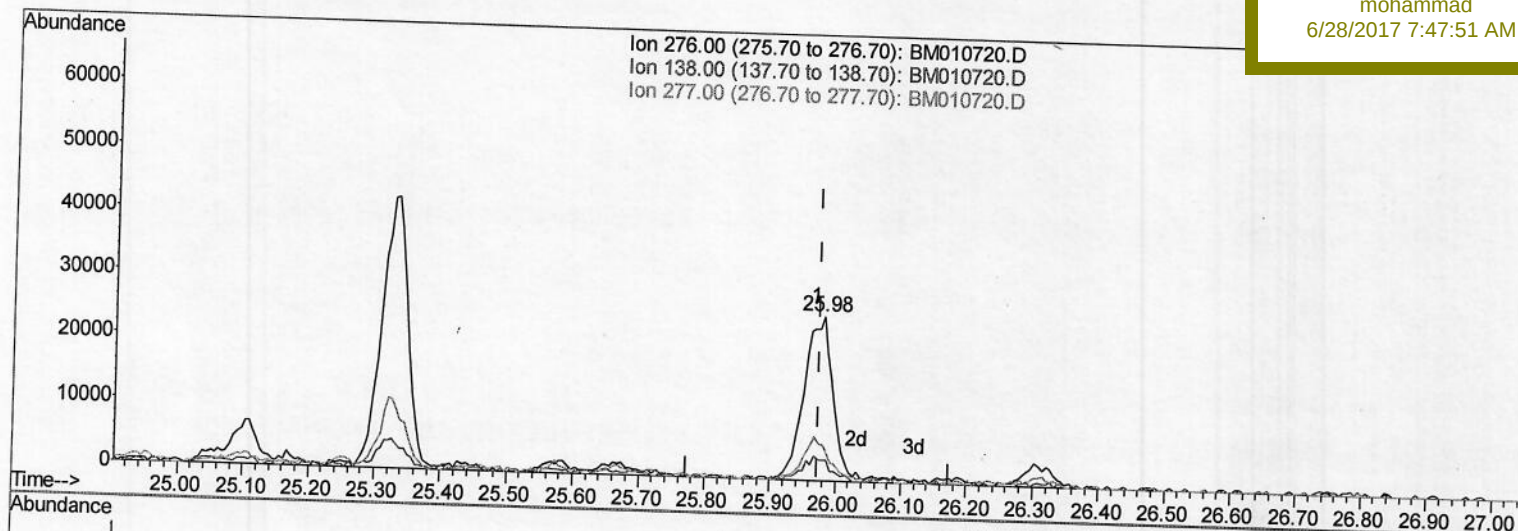
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(91) Benzo(g,h,i)perylene

25.979min (+0.006) 3.45ng/ul m > 5.9

response 78049

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 10.60 | 12.71 |
| 277.00 | 23.30 | 22.27 |
| 0.00   | 0.00  | 0.00  |

06/29/17

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM062317\

Quantitation Report (LSC Reviewed)

Data File : BM010720.D

Acq On : 24 Jun 2017 09:14

Operator : SJ/JU

Sample : I3627-09

Misc :

ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 26 03:14:16 2017

Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jun 26 01:49:13 2017

Response via : Initial Calibration

Instrument :

BNA\_M

Client Sample ID :

F5A69

Manual Integrations

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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|---------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.46  | 152  | 81824    | 20.00 | ng/ul | 0.00      |
| 18) Naphthalene-d8        | 10.22 | 136  | 379723   | 20.00 | ng/ul | 0.00      |
| 35) Acenaphthene-d10      | 14.11 | 164  | 249116   | 20.00 | ng/ul | 0.00      |
| 61) Phenanthrene-d10      | 16.86 | 188  | 596182   | 20.00 | ng/ul | 0.00      |
| 75) Chrysene-d12          | 21.08 | 240  | 635941   | 20.00 | ng/ul | 0.00      |
| 83) Perylene-d12          | 23.22 | 264  | 457925   | 20.00 | ng/ul | 0.00      |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.07  | 96  | 5010   | 3.51  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.65  | 99  | 145702 | 18.69 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl) ether-d | 6.81  | 67  | 80222  | 18.03 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.00  | 132 | 112473 | 20.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.16  | 113 | 111916 | 17.32 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.60  | 128 | 58739  | 21.69 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.32  | 143 | 72628  | 23.27 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.85  | 165 | 145020 | 22.07 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.36 | 131 | 132635 | 19.16 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.53 | 166 | 504848 | 23.09 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.80 | 160 | 592756 | 23.30 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.32 | 143 | 73071  | 18.99 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.11 | 176 | 436403 | 23.09 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.24 | 200 | 80309  | 21.93 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 16.96 | 188 | 686995 | 23.86 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.27 | 212 | 808063 | 27.35 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.09 | 264 | 557650 | 25.20 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |             | Qvalue |
|----------------------------|-------|-----|---------|-------------|--------|
| 6) Phenol                  | 6.67  | 94  | 11492   | 1.43 ng/ul  | 95     |
| 44) Dimethylphthalate      | 13.58 | 163 | 251570  | 11.74 ng/ul | 99     |
| 74) Fluoranthene           | 18.94 | 202 | 307045  | 7.52 ng/ul  | 99     |
| 77) Pyrene                 | 19.30 | 202 | 348701  | 9.49 ng/ul# | 96     |
| 80) Benzo(a)anthracene     | 21.07 | 228 | 245636  | 6.63 ng/ul  | 96     |
| 82) Chrysene               | 21.11 | 228 | 253006  | 7.66 ng/ul  | 96     |
| 85) Benzo(b)fluoranthene   | 22.59 | 252 | 409772  | 13.79 ng/ul | 99     |
| 86) Benzo(k)fluoranthene   | 22.62 | 252 | 126468m | 4.49 ng/ul  |        |
| 88) Benzo(a)pyrene         | 23.13 | 252 | 187632  | 6.86 ng/ul# | 96     |
| 89) Indeno(1,2,3-cd)pyrene | 25.33 | 276 | 113340  | 3.99 ng/ul# | 94     |
| 90) Dibenzo(a,h)anthracene | 25.34 | 278 | 30732   | 1.30 ng/ul  | 97     |
| 91) Benzo(g,h,i)perylene   | 25.98 | 276 | 78049m  | 3.45 ng/ul  |        |

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

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