

# Quantitation Report (Qedit)

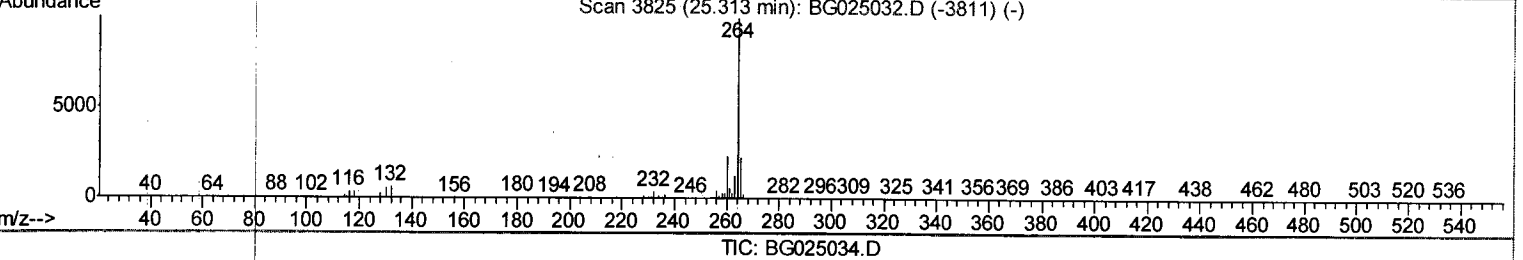
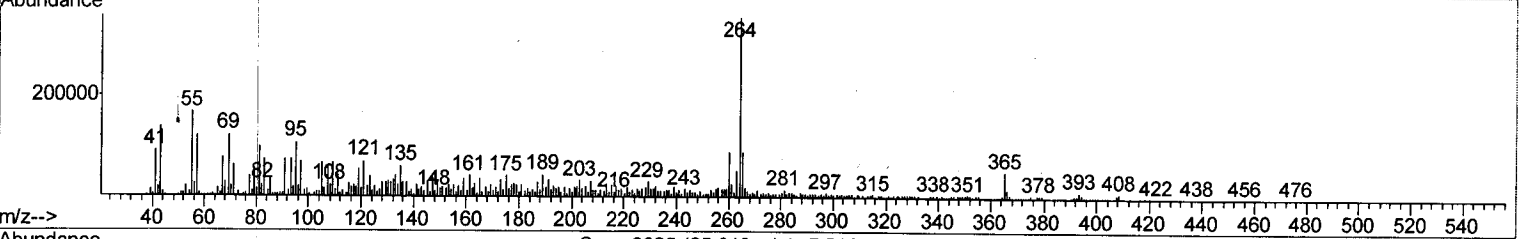
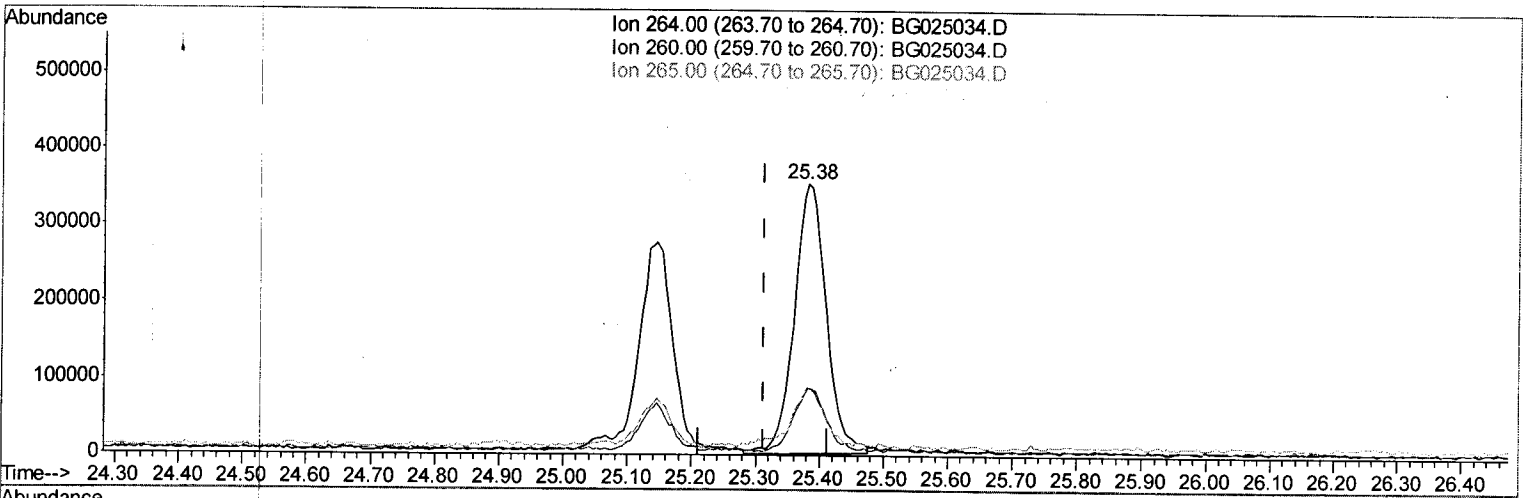
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG120916\  
 Data File : BG025034.D  
 Acq On : 9 Dec 2016 11:29  
 Operator : UM/SJ  
 Sample : H5863-02  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DA7Y1

Manual Integrations  
 APPROVED

Sohil  
 12/12/2016 4:28:05 PM

Quant Time: Dec 11 23:57:49 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG113016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Dec 11 23:54:53 2016  
 Response via : Initial Calibration



(83) Perylene-d12 (I)

25.382min (+0.069) 20.00ng/ul m

response 1237551

> M.D  
 12/13/2016

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 23.90 | 25.24  |
| 265.00 | 20.60 | 25.30# |
| 0.00   | 0.00  | 0.00   |

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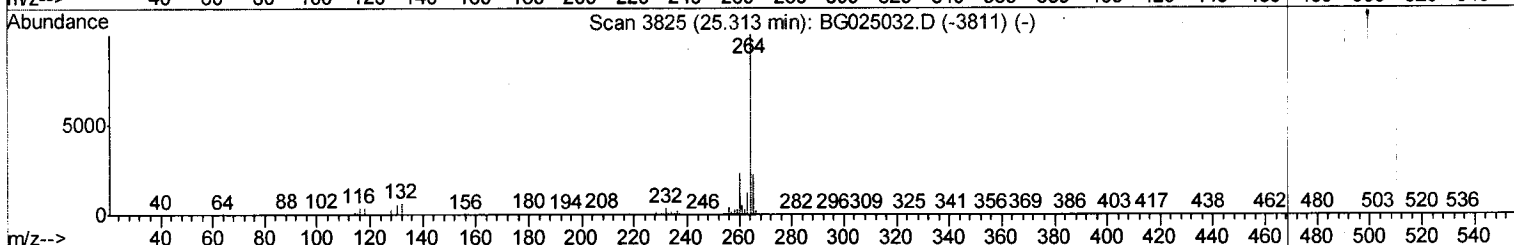
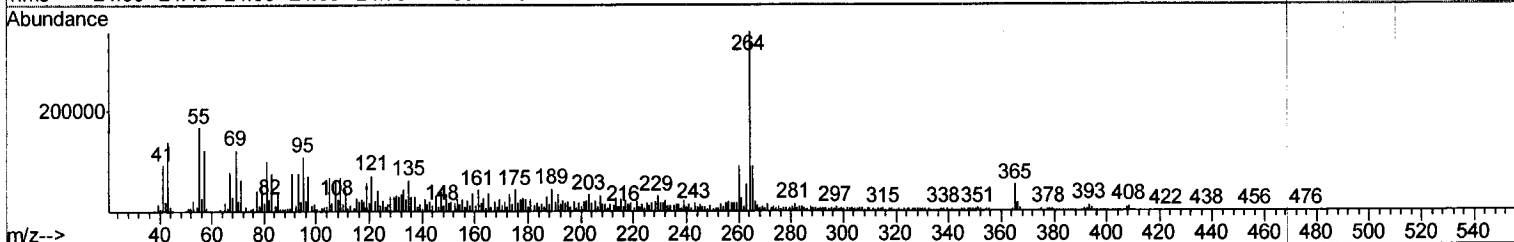
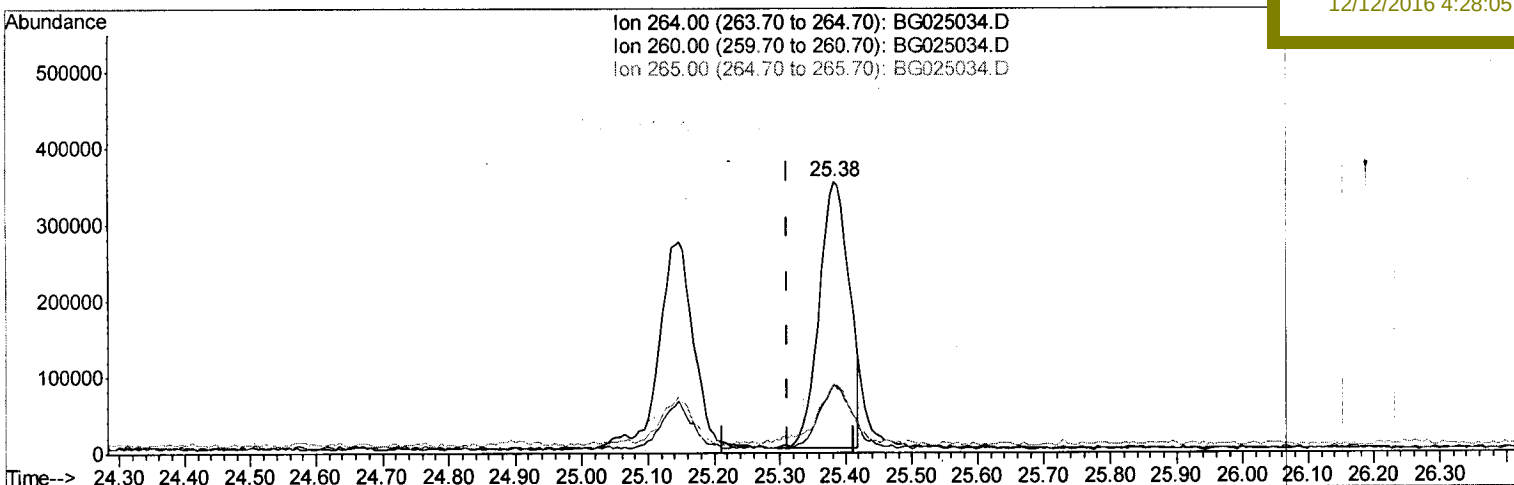
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ClientSampleId :  
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Sohil  
12/12/2016 4:28:05 PM



TIC: BG025034.D

(83) Perylene-d12 (I)

25.382min (+0.069) 20.00ng/ul

response 1106381

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|--------|-------|--------|
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M.D  
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| Internal Standards        | R.T.  | QIon | Response  | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|-----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.25  | 152  | 153088    | 20.00 | ng/ul | 0.01     |
| 18) Naphthalene-d8        | 11.08 | 136  | 586110    | 20.00 | ng/ul | 0.01     |
| 35) Acenaphthene-d10      | 14.88 | 164  | 459221    | 20.00 | ng/ul | 0.02     |
| 61) Phenanthrene-d10      | 17.63 | 188  | 890743    | 20.00 | ng/ul | 0.03     |
| 75) Chrysene-d12          | 21.92 | 240  | 1166674   | 20.00 | ng/ul | 0.02     |
| 83) Perylene-d12          | 25.38 | 264  | 1237551m> | 20.00 | ng/ul | 0.07     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.59  | 96  | 16420  | 5.54  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.39  | 99  | 176675 | 13.38 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.56  | 67  | 140006 | 17.14 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.78  | 132 | 130167 | 14.09 | ng/ul | 0.01  |
| 13) 4-Methylphenol-d8          | 8.95  | 113 | 153766 | 13.93 | ng/ul | 0.02  |
| 19) Nitrobenzene-d5            | 9.43  | 128 | 94100  | 22.67 | ng/ul | 0.01  |
| 22) 2-Nitrophenol-d4           | 10.15 | 143 | 82512  | 15.95 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.70 | 165 | 158298 | 15.91 | ng/ul | 0.02  |
| 29) 4-Chloroaniline-d4         | 11.22 | 131 | 163842 | 16.75 | ng/ul | 0.02  |
| 43) Dimethylphthalate-d6       | 14.28 | 166 | 522017 | 16.53 | ng/ul | 0.02  |
| 46) Acenaphthylene-d8          | 14.58 | 160 | 636680 | 18.40 | ng/ul | 0.02  |
| 51) 4-Nitrophenol-d4           | 15.02 | 143 | 40625  | 7.48  | ng/ul | -0.03 |
| 57) Fluorene-d10               | 15.87 | 176 | 592888 | 19.94 | ng/ul | 0.02  |
| 62) 4,6-Dinitro-2-methylphenol | 16.00 | 200 | 118063 | 21.44 | ng/ul | 0.04  |
| 70) Anthracene-d10             | 17.73 | 188 | 755420 | 20.09 | ng/ul | 0.02  |
| 76) Pyrene-d10                 | 19.99 | 212 | 858479 | 17.86 | ng/ul | 0.02  |
| 87) Benzo(a)pyrene-d12         | 25.15 | 264 | 882022 | 17.59 | ng/ul | 0.07  |

## Target Compounds

|                         |       |     |         |        |        | Qvalue |
|-------------------------|-------|-----|---------|--------|--------|--------|
| 6) Phenol               | 7.42  | 94  | 136498  | 10.07  | ng/ul  | 96     |
| 11) 2-Methylphenol      | 8.69  | 108 | 223406  | 22.38  | ng/ul  | 94     |
| 14) Acetophenone        | 9.09  | 105 | 312313  | 18.59  | ng/ul  | 94     |
| 16) 4-Methylphenol      | 9.02  | 108 | 160095  | 14.42  | ng/ul  | 80     |
| 24) 2,4-Dimethylphenol  | 10.26 | 107 | 454114  | 37.83  | ng/ul  | 98     |
| 28) Naphthalene         | 11.13 | 128 | 1693900 | 62.17  | ng/ul# | 94     |
| 34) 2-Methylnaphthalene | 12.73 | 142 | 2285399 | 106.29 | ng/ul  | 92     |
| 40) 1,1'-Biphenyl       | 13.71 | 154 | 314527  | 11.30  | ng/ul  | 99     |
| 41) 2-Chloronaphthalene | 13.80 | 162 | 107786  | 4.86   | ng/ul# | 88     |
| 49) Acenaphthene        | 14.95 | 153 | 345202  | 14.98  | ng/ul# | 88     |
| 53) Dibenzofuran        | 15.28 | 168 | 744866  | 20.44  | ng/ul  | 91     |
| 58) Fluorene            | 15.93 | 166 | 747557  | 25.19  | ng/ul# | 92     |
| 69) Phenanthrene        | 17.67 | 178 | 599445  | 14.10  | ng/ul# | 83     |
| 74) Fluoranthene        | 19.66 | 202 | 408668  | 8.09   | ng/ul  | 98     |
| 77) Pyrene              | 20.02 | 202 | 604373  | 10.78  | ng/ul  | 97     |
| 82) Chrysene            | 21.97 | 228 | 159140  | 2.81   | ng/ul# | 67     |

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

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