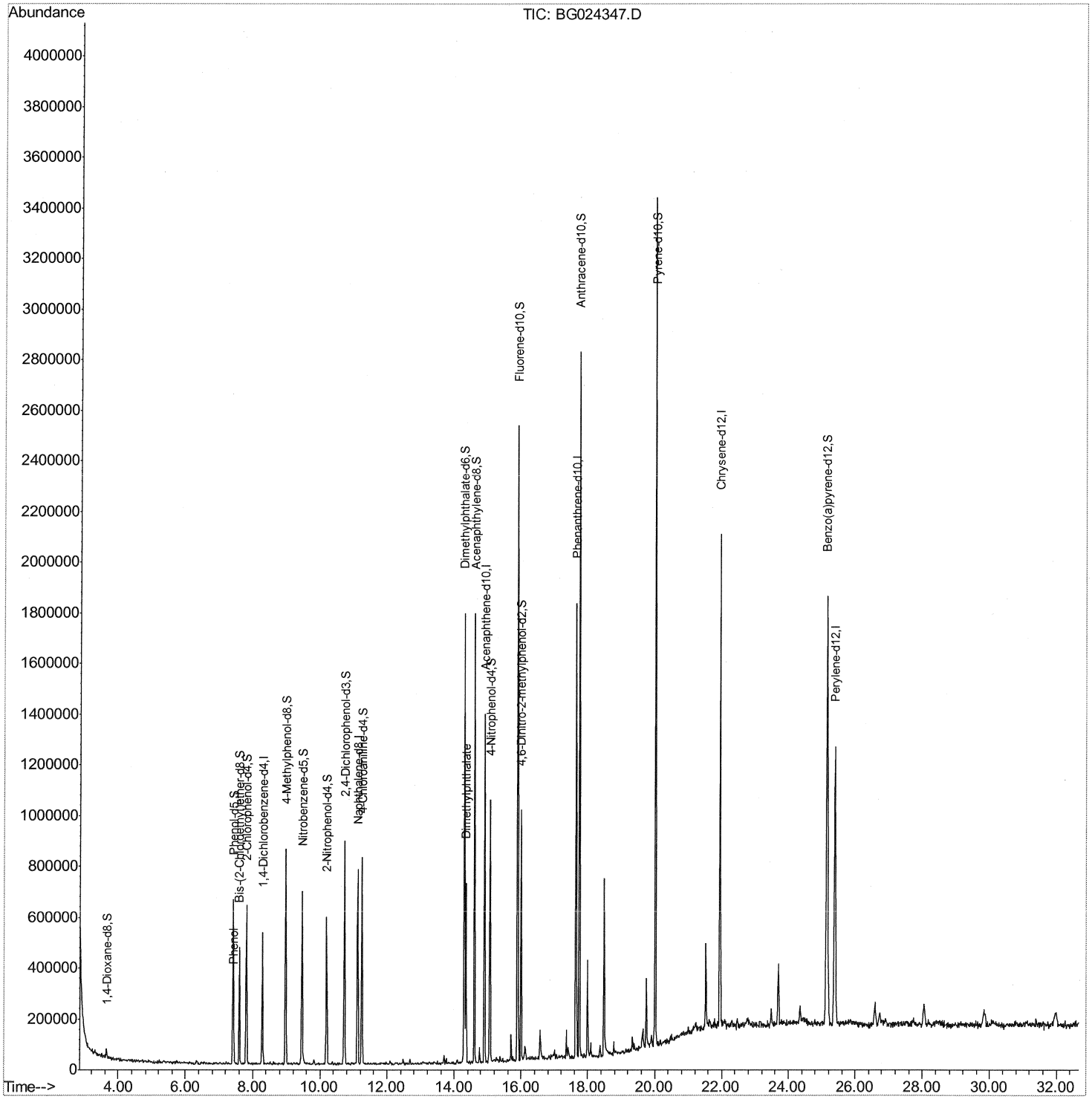
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101416\
Data File : BG024347.D
Acq On : 14 Oct 2016 11:26
Operator : UM/SJ
Sample : H5187-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 14 13:35:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 14 13:21:40 2016
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
BDPC2

**Manual Integrations APPROVED**
Umangi
10/17/2016 6:40:31 PM



Quantitation Report (Qedit)

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Operator : UM/SJ
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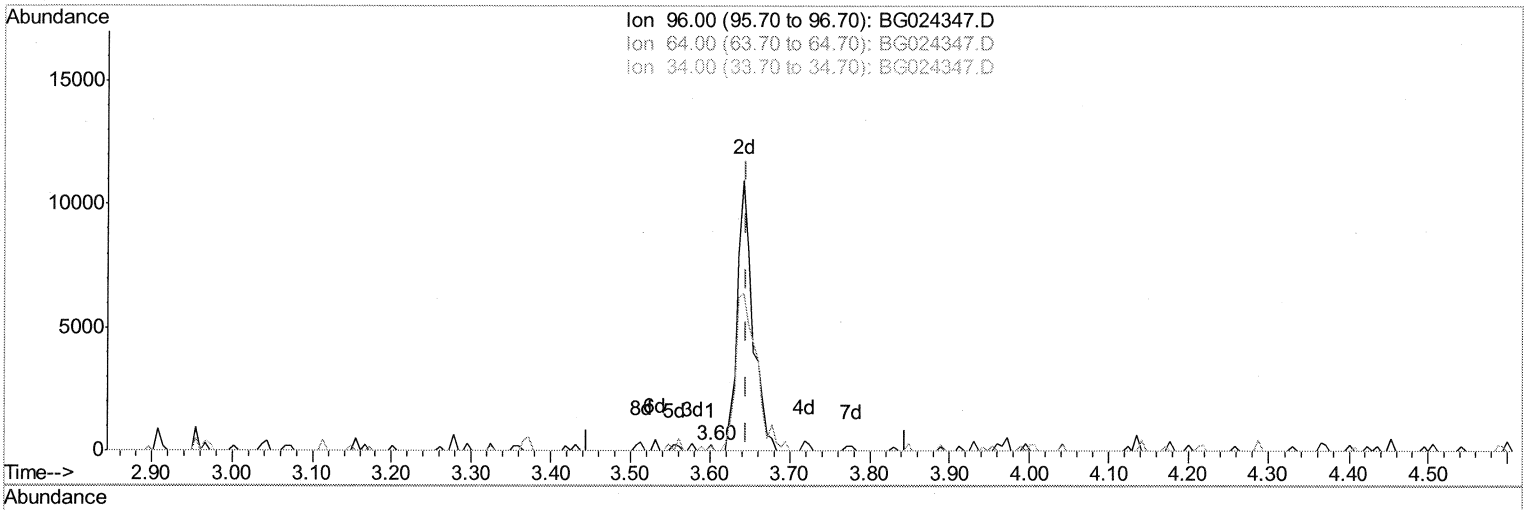
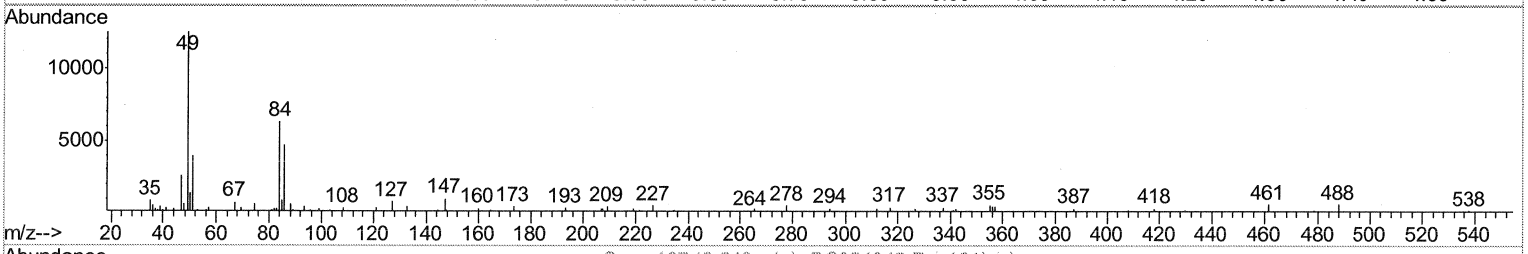
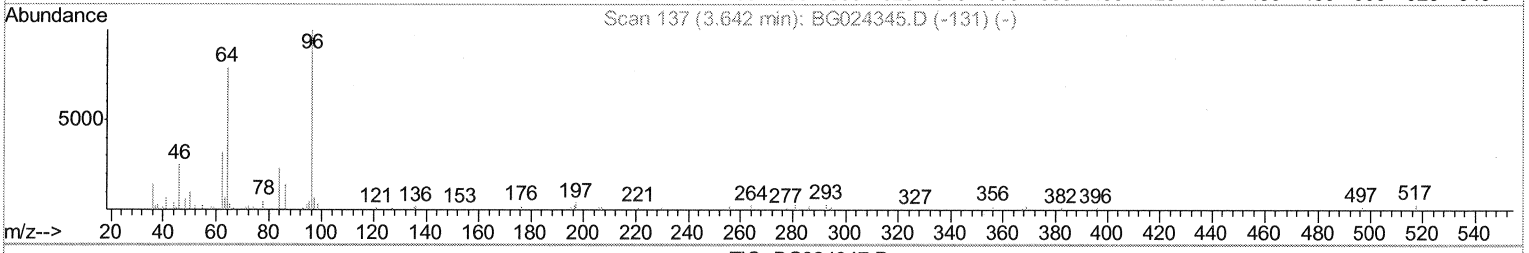
10/17/2016 6:40:31 PM




TIC: BG024347.D

(3) 1,4-Dioxane-d8 (S)

3.601min (-0.044) 0.03ng/uL

response 84

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100 | 100 |
| 64.00 | 88.90 | 77.31 |
| 34.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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BNA_G
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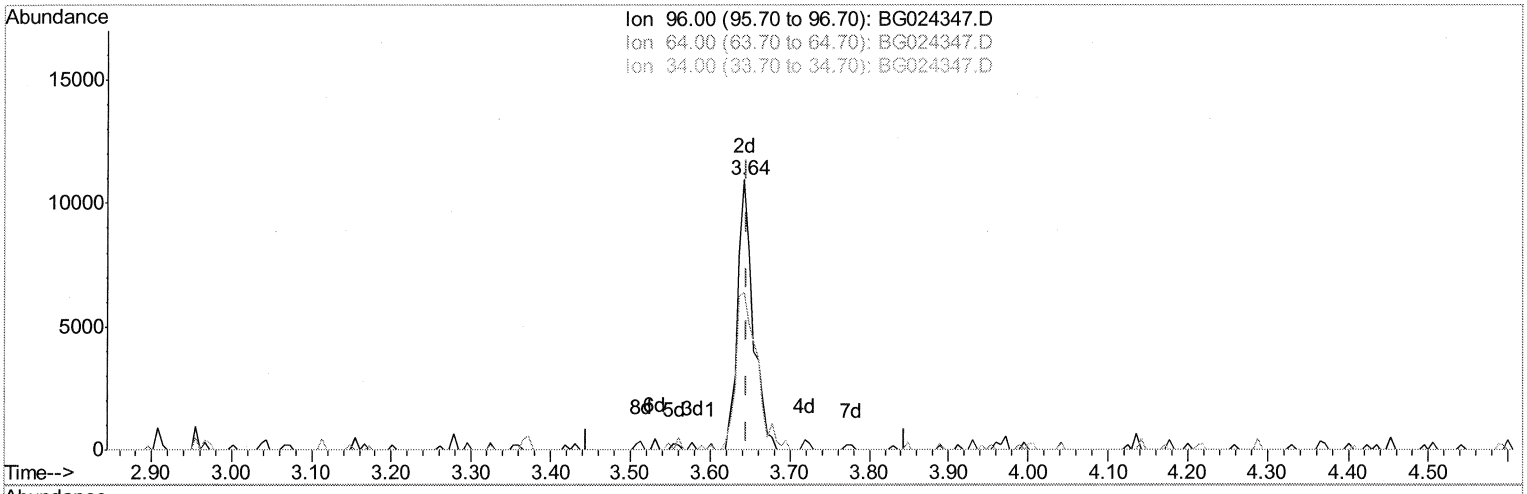
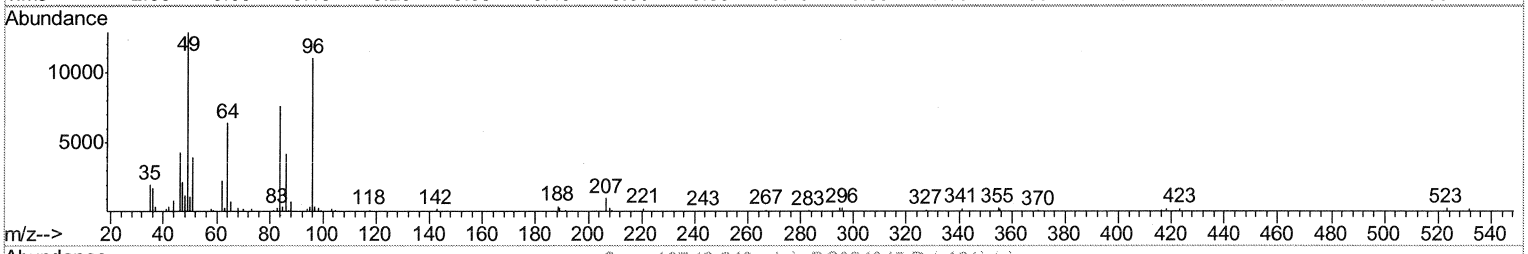
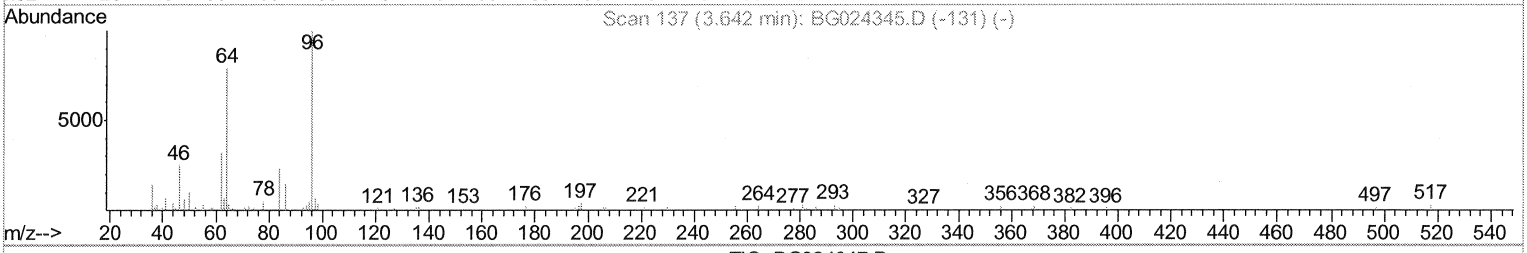
BDPC2

**Manual Integrations APPROVED**
Umangi
10/17/2016 6:40:31 PM




TIC: BG024347.D

(3) 1,4-Dioxane-d8 (S)

3.642min (-0.003) 5.38ng/uL m SJ 10/17/16

response 15017

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100 | 100 |
| 64.00 | 88.90 | 58.23# |
| 34.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 14 13:21:40 2016
Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** BDPC2

**Manual Integrations APPROVED**
Umangi
10/17/2016 6:40:31 PM

SJ 10/17/16

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.29 | 152 | 132537 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.12 | 136 | 603682 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.90 | 164 | 494286 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.64 | 188 | 1085215 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.94 | 240 | 1275539 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.38 | 264 | 1332344 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.64 | 96 | 15017m | 5.38 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.41 | 99 | 352619 | 28.52 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.60 | 67 | 234422 | 28.04 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.81 | 132 | 250038 | 29.36 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.97 | 113 | 307028 | 30.71 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.46 | 128 | 134343 | 31.36 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.19 | 143 | 162153 | 33.83 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.72 | 165 | 299329 | 28.67 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.25 | 131 | 390574 | 35.61 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.29 | 166 | 1124192 | 32.57 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.60 | 160 | 1255614 | 31.76 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.06 | 143 | 205476 | 33.58 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.89 | 176 | 1027072 | 31.48 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.99 | 200 | 222677 | 34.14 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.74 | 188 | 1589997 | 32.44 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 20.01 | 212 | 1829711 | 30.73 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.15 | 264 | 1948478 | 32.50 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.44 | 94 | 24081 | 1.92 | ng/ul# | 89 |
| 44) Dimethylphthalate | 14.34 | 163 | 408770 | 12.08 | ng/ul | 99 |

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