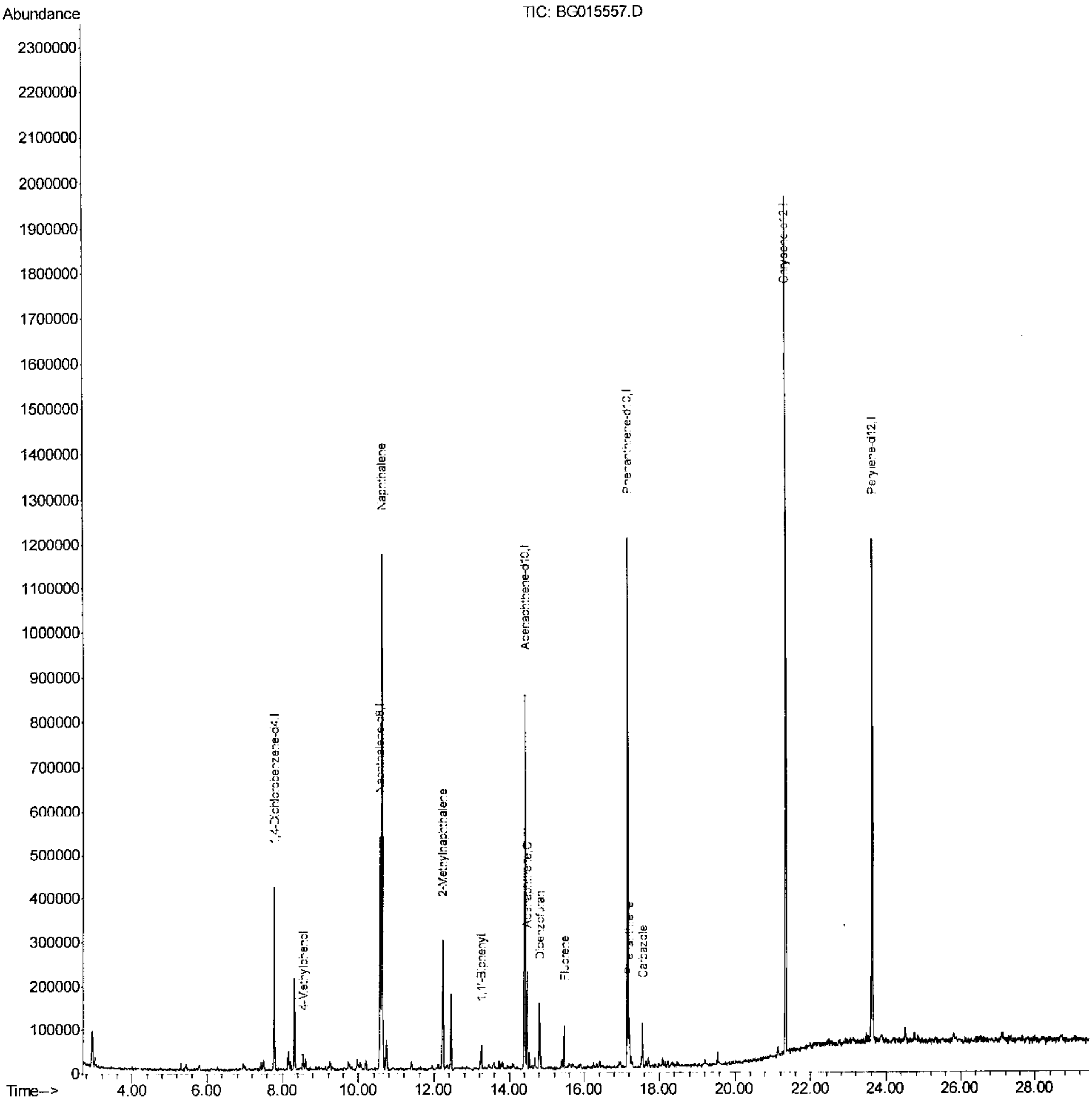
Quantitation Report (QT Reviewed)

Instrument :
BNA_G
ClientSampleId :
F3W36DL2

Manual Integrations APPROVED
mohammad
12/3/2014 8:21:19 AM

```
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
Data File : BG015557.D
Acq On    :  1 Dec 2014   12:08
Operator  : TP/JJ
Sample    : F4757-15DL2 100X
Misc      :
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Dec 02 01:13:08 2014
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
Quant Title  : SVOA CALIBRATION
QLast Update : Tue Dec 02 00:56:15 2014
Response via : Initial Calibration
```



Quantitation Report (Qedit)

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ClientSampleId :
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Data File : BG015557.D
Acq On : 1 Dec 2014 12:08
Operator : TP/JJ
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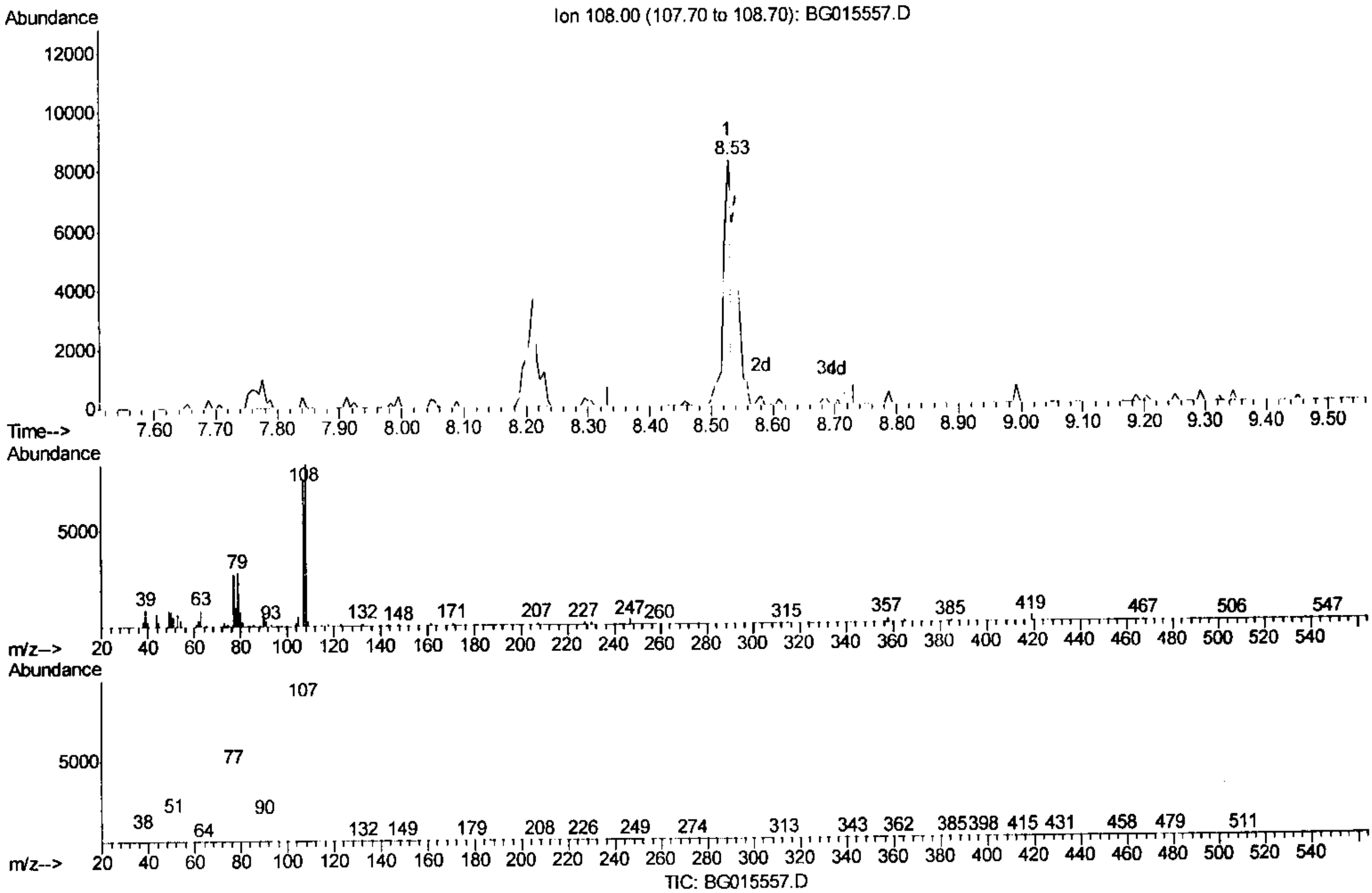
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 02 01:01:53 2014
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 02 00:56:15 2014
Response via : Initial Calibration




(14) 4-Methylphenol

8.528min (-0.005) 1.56ng/ul m

response 12683

T.P
12/03/14

| Ion | Exp% | Act% |
|---|---|---|
| 108.00 | 100 | 100 |
| 107.00 | 104.90 | 90.82 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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**ClientSampleId :**
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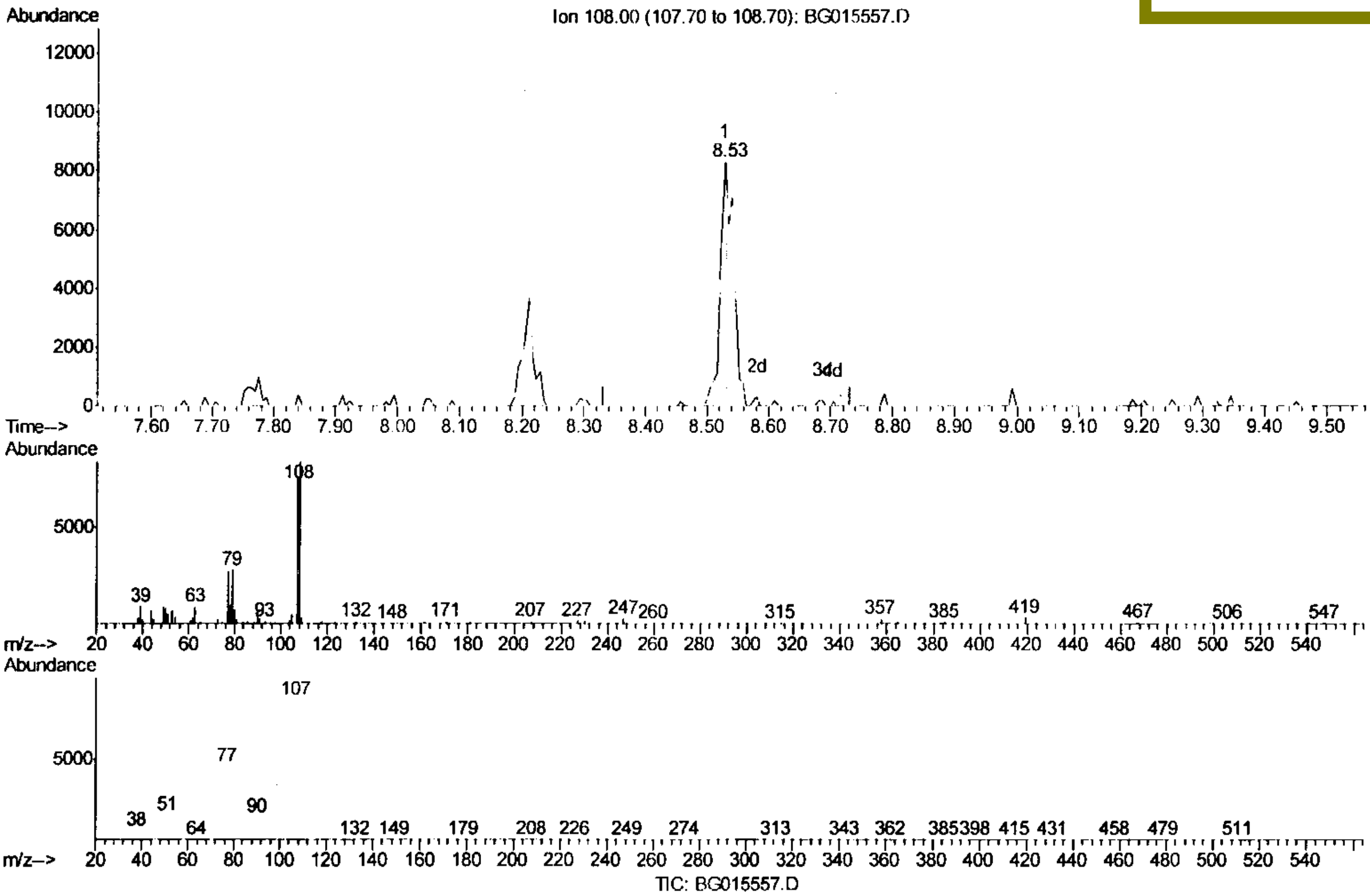
**Manual Integrations APPROVED**
mohammad
12/3/2014 8:21:19 AM




(14) 4-Methylphenol

8.528min (-0.005) 1.46ng/ul

response 11906

| Ion | Exp% | Act% |
|---|---|---|
| 108.00 | 100 | 100 |
| 107.00 | 104.90 | 90.82 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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Operator : TP/JJ
Sample : F4757-15DL2 100X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F3W36DL2

Manual Integrations APPROVED
mohammad
12/3/2014 8:21:19 AM

Quant Time: Dec 02 01:13:08 2014
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 02 00:56:15 2014
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 90717 | 20.00 ng/ul | 0.00 |
| 16) Naphthalene-d8 | 10.56 | 136 | 349411 | 20.00 ng/ul | 0.00 |
| 33) Acenaphthene-d10 | 14.40 | 164 | 266253 | 20.00 ng/ul | 0.00 |
| 59) Phenanthrene-d10 | 17.15 | 188 | 630998 | 20.00 ng/ul | 0.00 |
| 73) Chrysene-d12 | 21.32 | 240 | 908155 | 20.00 ng/ul | 0.00 |
| 81) Perylene-d12 | 23.61 | 264 | 851491 | 20.00 ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | |
| 3) Phenol-d5 | 6.94 | 99 | 216 | 0.02 ng/ul | 0.01 |
| 5) Bis-(2-Chloroethyl)ether-d | 7.11 | 67 | 1187 | 0.20 ng/ul | 0.00 |
| 7) 2-Chlorophenol-d4 | 7.31 | 132 | 247 | 0.04 ng/ul | 0.01 |
| 11) 4-Methylphenol-d8 | 8.47 | 113 | 657 | 0.09 ng/ul | 0.00 |
| 17) Nitrobenzene-d5 | 8.91 | 128 | 752 | 0.27 ng/ul | -0.01 |
| 20) 2-Nitrophenol-d4 | 9.64 | 143 | 493 | 0.17 ng/ul | 0.00 |
| 24) 2,4-Dichlorophenol-d3 | 10.19 | 165 | 1637 | 0.30 ng/ul | 0.01 |
| 27) 4-Chloroaniline-d4 | 10.67 | 131 | 184 | 0.03 ng/ul | -0.02 |
| 41) Dimethylphthalate-d6 | 13.82 | 166 | 6782 | 0.36 ng/ul | 0.00 |
| 44) Acenaphthylene-d8 | 14.09 | 160 | 7853 | 0.35 ng/ul | 0.00 |
| 49) 4-Nitrophenol-d4 | 14.61 | 143 | 248 | 0.08 ng/ul | 0.01 |
| 55) Fluorene-d10 | 15.40 | 176 | 8318 | 0.48 ng/ul | 0.00 |
| 60) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 863 | 0.26 ng/ul | 0.00 |
| 68) Anthracene-d10 | 17.25 | 188 | 11481 | 0.39 ng/ul | 0.00 |
| 74) Pyrene-d10 | 19.53 | 212 | 12702 | 0.33 ng/ul | -0.01 |
| 85) Benzo(a)pyrene-d12 | 23.46 | 264 | 11807 | 0.31 ng/ul | -0.02 |

| Target Compounds | R.T. | QIon | Response | Conc Units | Qvalue |
|---|---|---|---|---|---|
| 14) 4-Methylphenol | 8.53 | 108 | 12683m | 1.56 ng/ul | |
| 26) Naphthalene | 10.61 | 128 | 815588 | 45.51 ng/ul | 96 |
| 32) 2-Methylnaphthalene | 12.22 | 142 | 119668 | 8.86 ng/ul | 99 |
| 38) 1,1'-Biphenyl | 13.24 | 154 | 24694 | 1.29 ng/ul# | 96 |
| 47) Acenaphthene | 14.47 | 153 | 77270 | 4.80 ng/ul | 97 |
| 51) Dibenzofuran | 14.80 | 168 | 69916 | 2.95 ng/ul | 92 |
| 56) Fluorene | 15.46 | 166 | 38218 | 1.98 ng/ul# | 98 |
| 67) Phenanthrene | 17.19 | 178 | 53795 | 1.67 ng/ul | 96 |
| 70) Carbazole | 17.55 | 167 | 62175 | 1.97 ng/ul | 97 |

T.P
12/03/14

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