

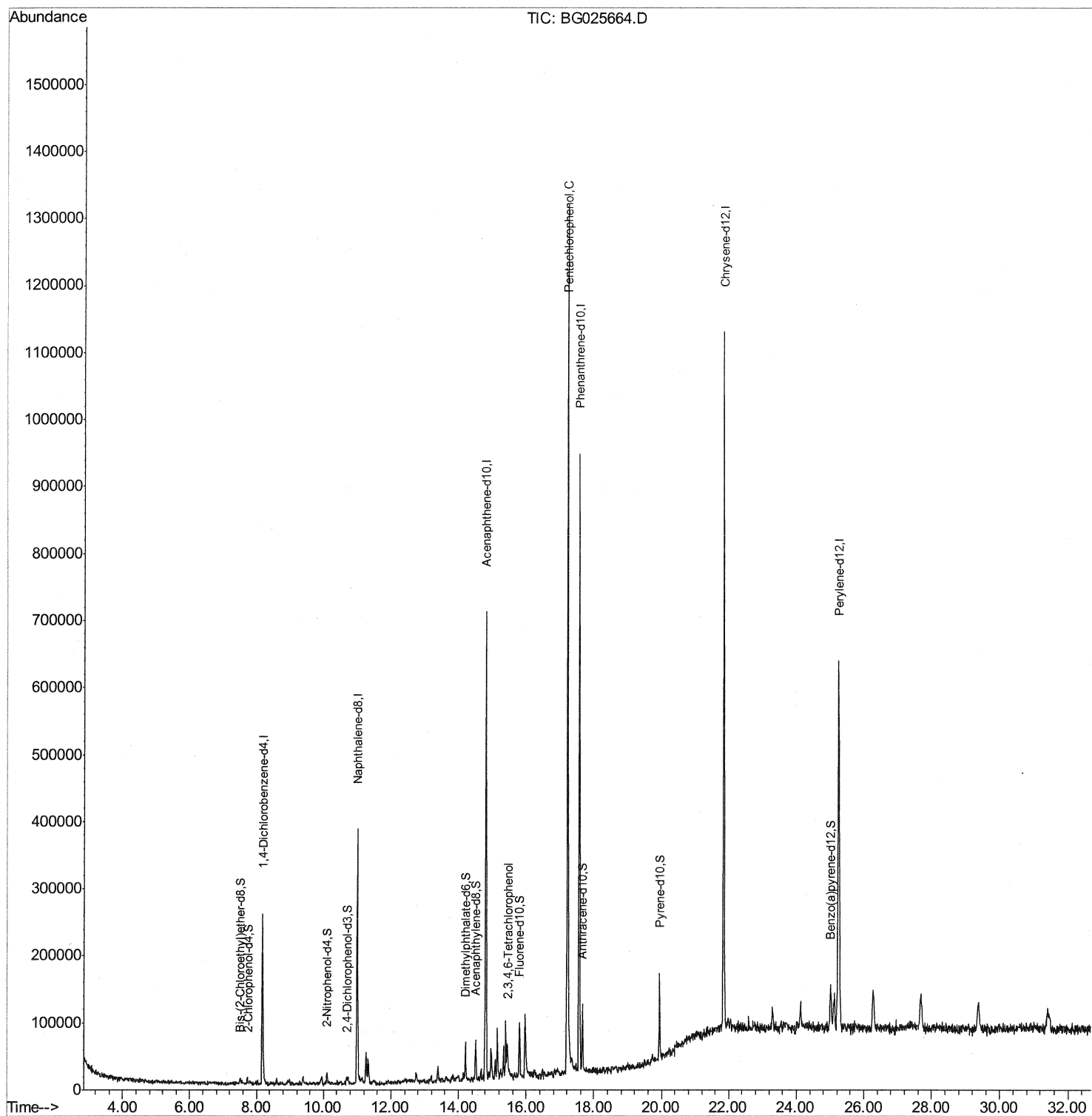
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG012617\  
Data File : BG025664.D  
Acq On : 26 Jan 2017 13:11  
Operator : SJ/MA  
Sample : I1387-08DL 10X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DA9R4DL

Manual Integrations  
APPROVED

mohammad  
1/27/2017 3:05:22 PM

Quant Time: Jan 27 10:10:29 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG011817.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jan 27 05:43:39 2017  
Response via : Initial Calibration



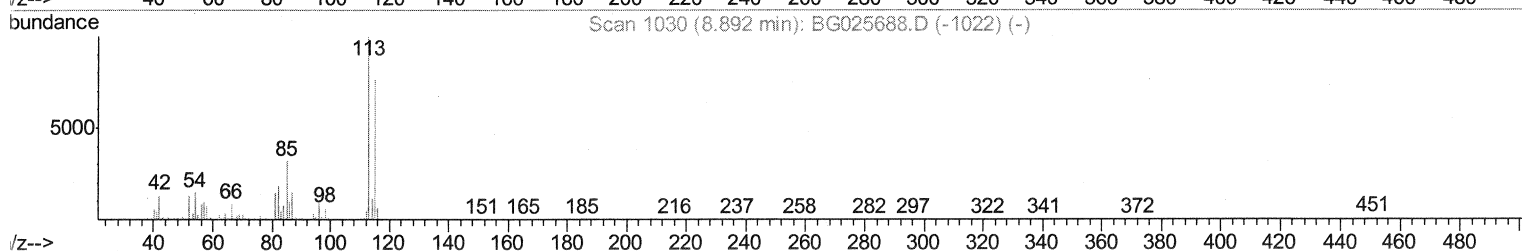
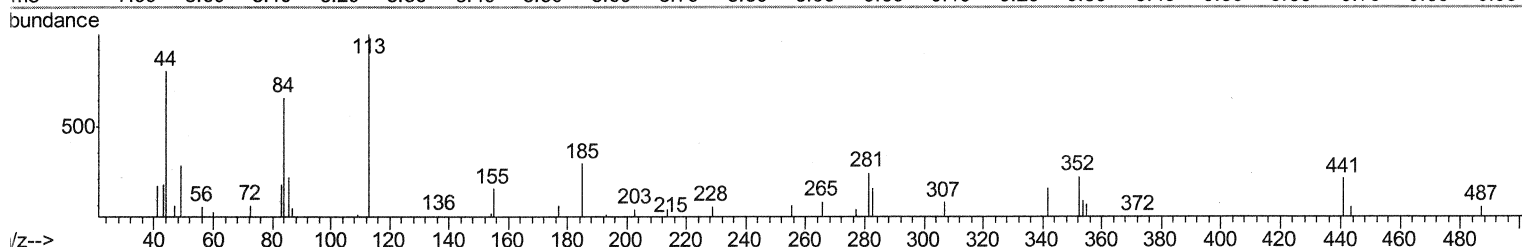
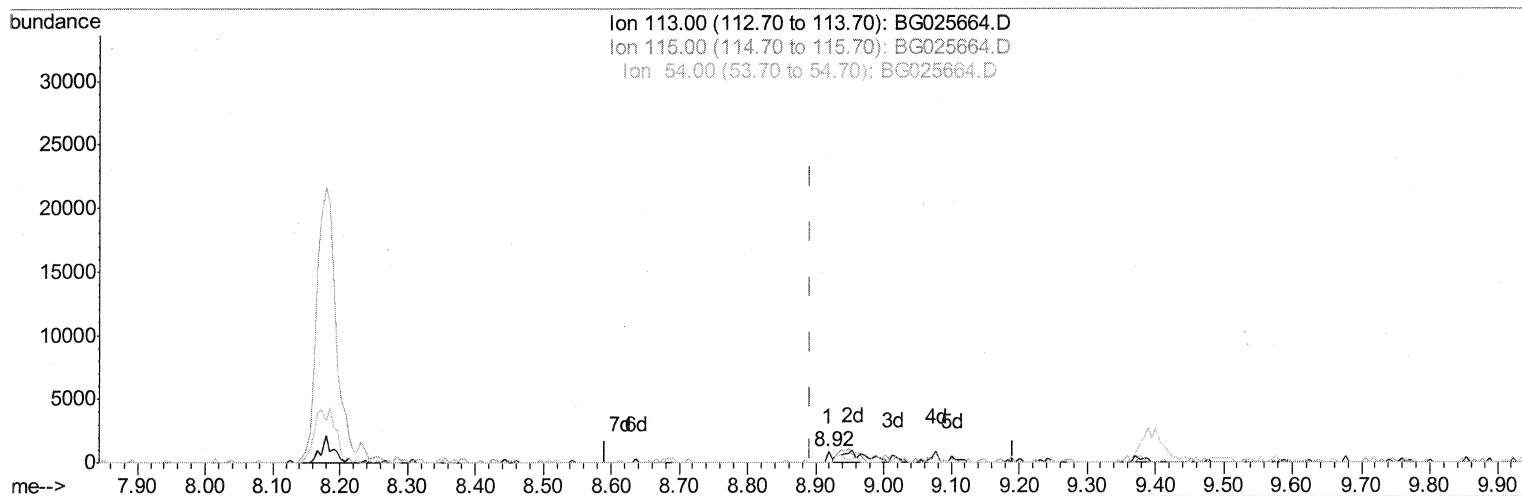
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Quant Time: Jan 27 10:01:58 2017  
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TIC: BG025664.D

(13) 4-Methylphenol-d8 (S)

8.919min (+0.027) 0.08ng/ul

response 397

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 113.00 | 100   | 100   |
| 115.00 | 87.60 | 0.00# |
| 54.00  | 17.10 | 0.00# |
| 0.00   | 0.00  | 0.00  |

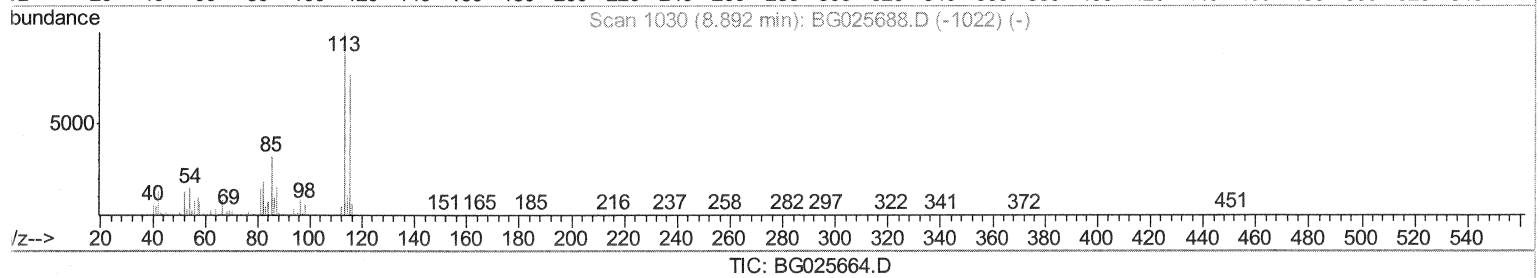
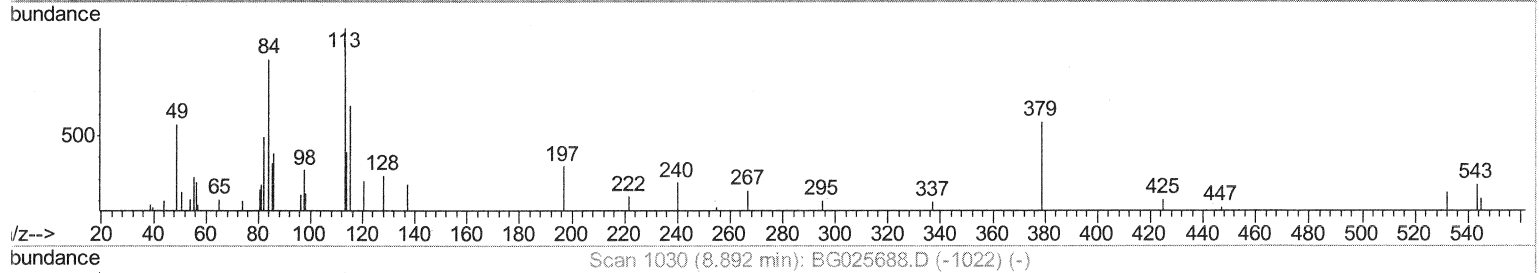
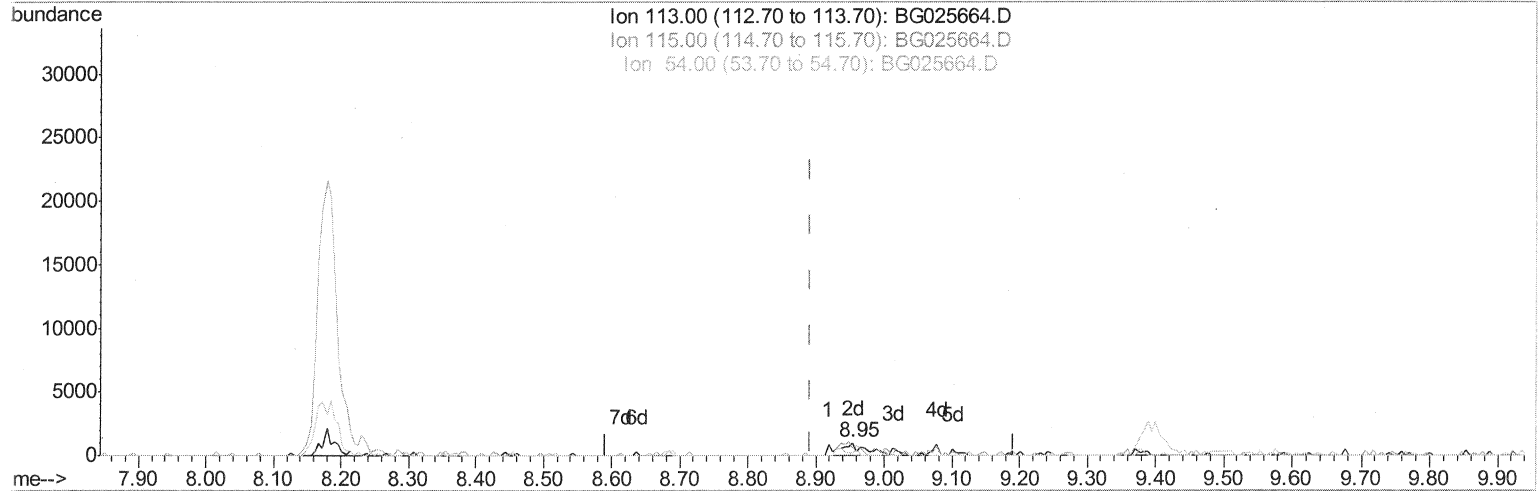
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 DA9R4DL

Manual Integrations  
 APPROVED

mohammad  
 1/27/2017 3:05:22 PM

Quant Time: Jan 27 10:01:58 2017  
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 QLast Update : Fri Jan 27 05:43:39 2017  
 Response via : Initial Calibration



(13) 4-Methylphenol-d8 (S)

8.954min (+0.062) 0.56ng/ul m

SJ 1/27/17

response 2754

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 113.00 | 100   | 100    |
| 115.00 | 87.60 | 64.16# |
| 54.00  | 17.10 | 20.88# |
| 0.00   | 0.00  | 0.00   |

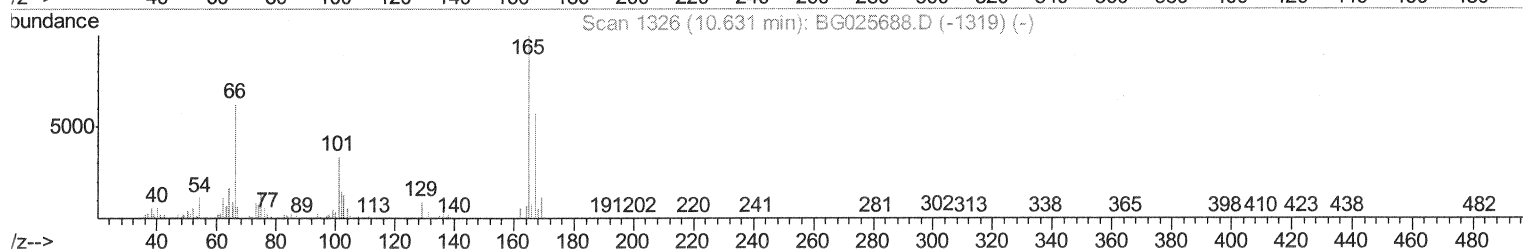
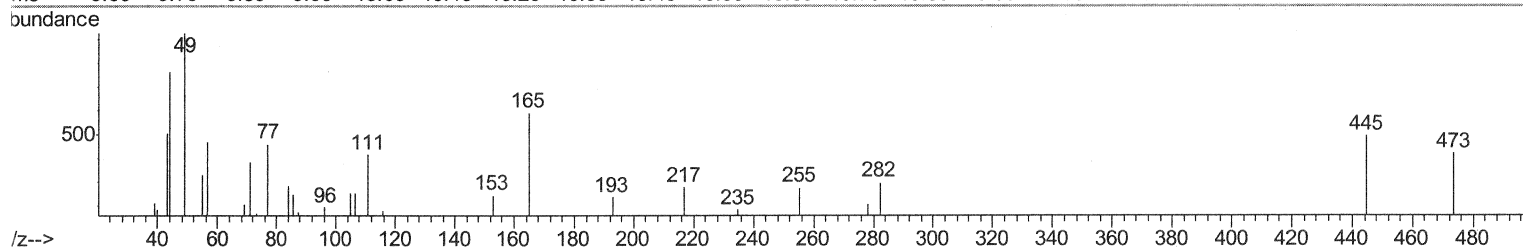
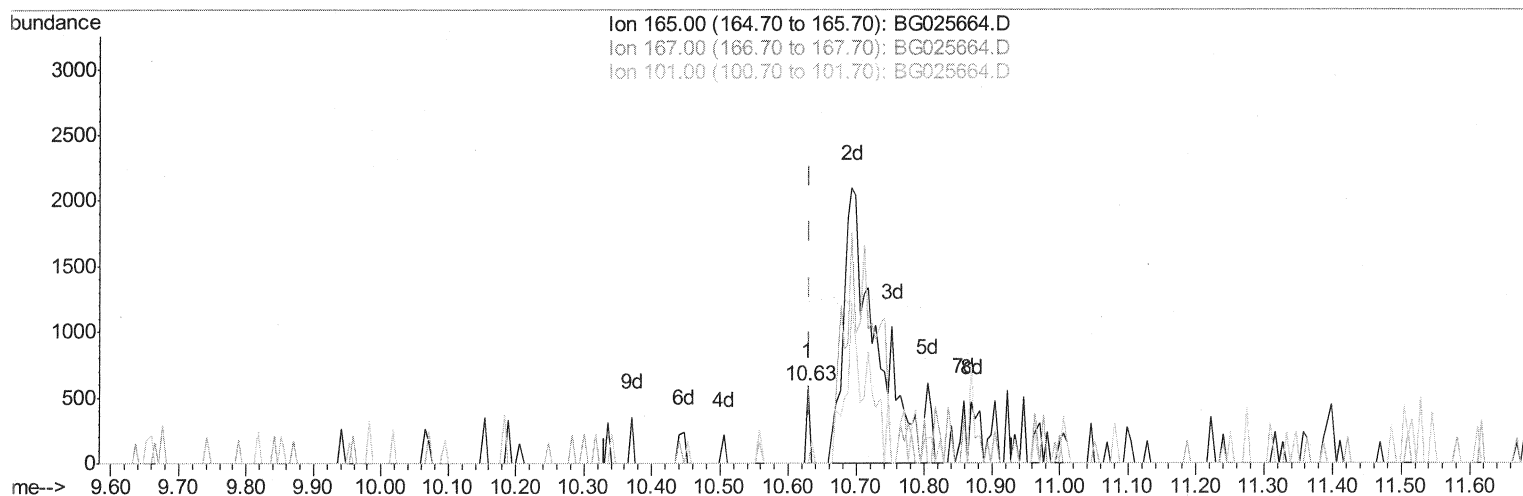
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG012617\  
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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mohammad  
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TIC: BG025664.D

(26) 2,4-Dichlorophenol-d3 (S)

10.629min (-0.003) 0.04ng/ul

response 208

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 165.00 | 100   | 100   |
| 167.00 | 58.70 | 0.00# |
| 101.00 | 29.80 | 0.00# |
| 0.00   | 0.00  | 0.00  |

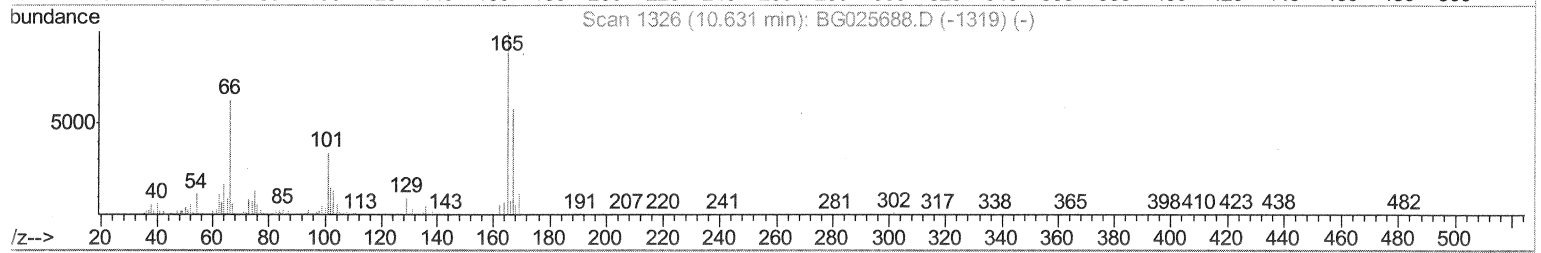
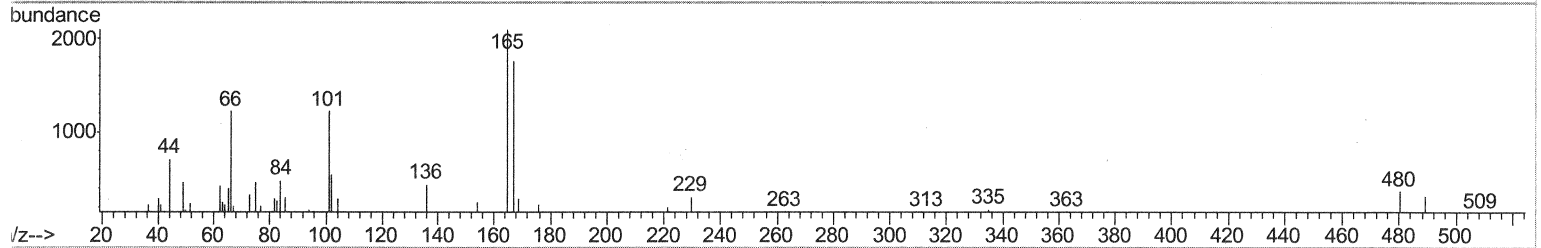
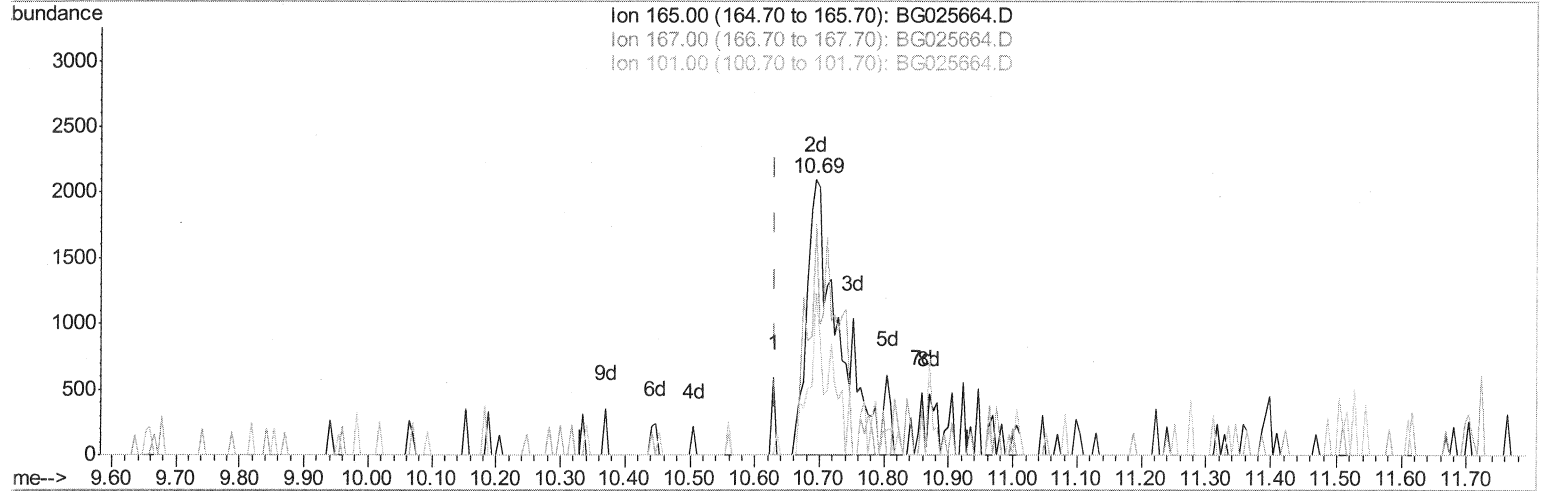
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG012617\  
Data File : BG025664.D  
Acq On : 26 Jan 2017 13:11  
Operator : SJ/MA  
Sample : I1387-08DL 10X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DA9R4DL

Manual Integrations  
APPROVED

mohammad  
1/27/2017 3:05:22 PM

Quant Time: Jan 27 10:01:58 2017  
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Response via : Initial Calibration



TIC: BG025664.D

(26) 2,4-Dichlorophenol-d3 (S)

10.693min (+0.062) 1.35ng/ul m

SJ 1/27/17

response 6888

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 165.00 | 100   | 100    |
| 167.00 | 58.70 | 83.85# |
| 101.00 | 29.80 | 58.60# |
| 0.00   | 0.00  | 0.00   |

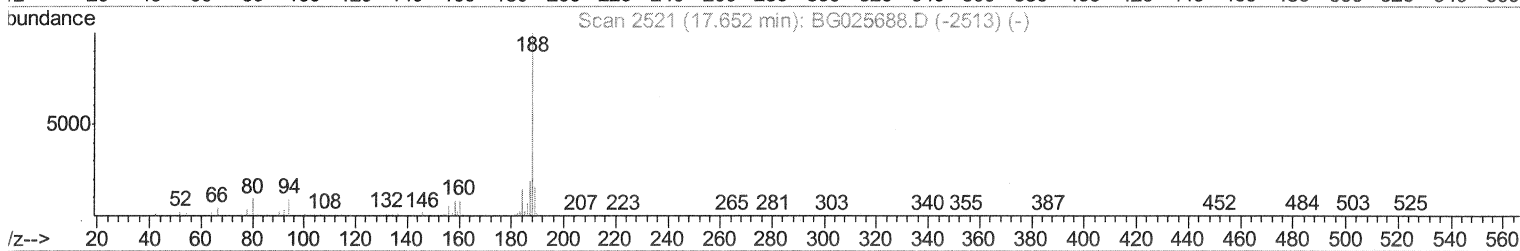
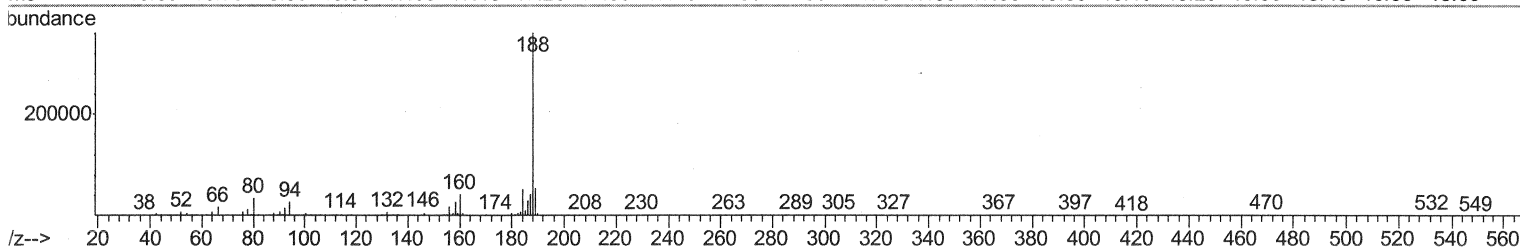
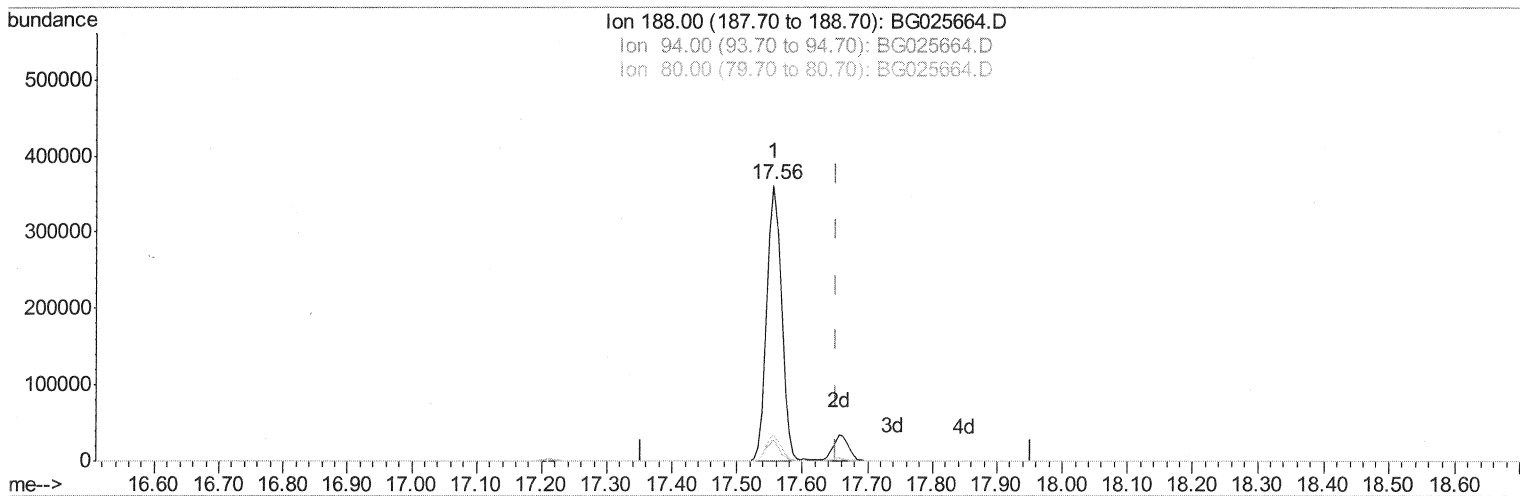
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG012617\  
Data File : BG025664.D  
Acq On : 26 Jan 2017 13:11  
Operator : SJ/MA  
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Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DA9R4DL

Manual Integrations  
APPROVED

mohammad  
1/27/2017 3:05:22 PM

Quant Time: Jan 27 10:01:58 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG011817.M  
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Response via : Initial Calibration



TIC: BG025664.D

(70) Anthracene-d10 (S)

17.556min (-0.097) 23.49ng/ul

response 547540

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 8.80 | 7.57 |
| 80.00  | 9.50 | 9.51 |
| 0.00   | 0.00 | 0.00 |

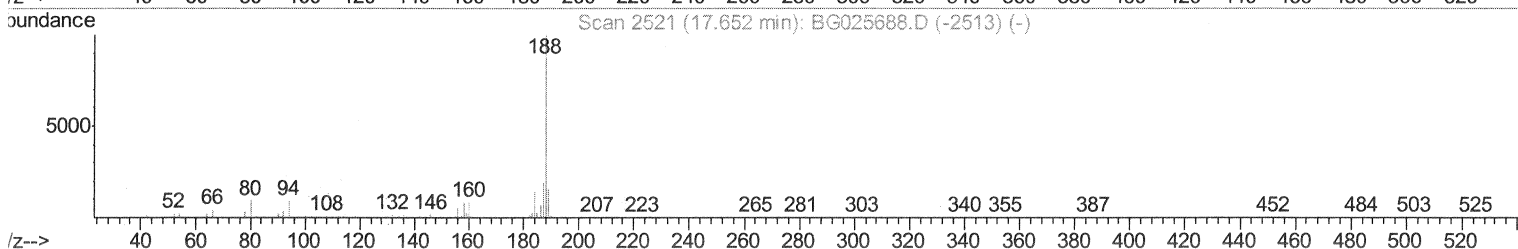
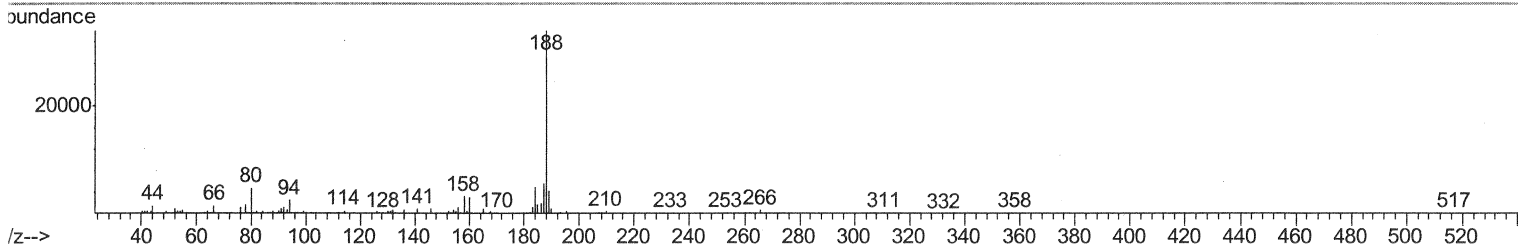
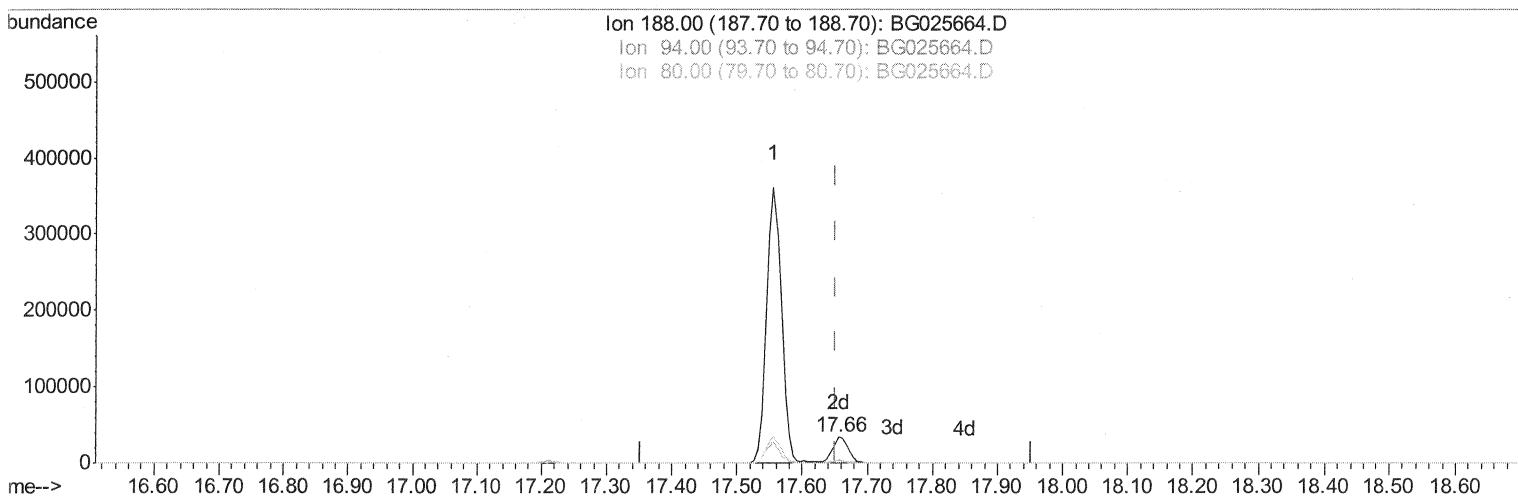
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 Data File : BG025664.D  
 Acq On : 26 Jan 2017 13:11  
 Operator : SJ/MA  
 Sample : I1387-08DL 10X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DA9R4DL

Manual Integrations  
 APPROVED

mohammad  
 1/27/2017 3:05:22 PM

Quant Time: Jan 27 10:01:58 2017  
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 Response via : Initial Calibration



TIC: BG025664.D

(70) Anthracene-d10 (S)

17.656min (+0.003) 2.43ng/ul m SJ 1/27/17

response 56566

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 188.00 | 100  | 100    |
| 94.00  | 8.80 | 7.67   |
| 80.00  | 9.50 | 14.11# |
| 0.00   | 0.00 | 0.00   |

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG012617\  
 Data File : BG025664.D  
 Acq On : 26 Jan 2017 13:11  
 Operator : SJ/MA  
 Sample : I1387-08DL 10X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.18  | 152  | 67561    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.00 | 136  | 306382   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.81 | 164  | 256114   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.56 | 188  | 547540   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 663498   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.24 | 264  | 694392   | 20.00 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.52  | 96  | 303    | 0.22 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.40  | 99  | 363    | 0.06 | ng/ul | 0.06 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.51  | 67  | 7648   | 2.05 | ng/ul | 0.02 |
| 9) 2-Chlorophenol-d4           | 7.74  | 132 | 4750   | 1.16 | ng/ul | 0.03 |
| 13) 4-Methylphenol-d8          | 8.95  | 113 | 2754m  | 0.56 | ng/ul | 0.06 |
| 19) Nitrobenzene-d5            | 9.39  | 128 | 2113   | 0.97 | ng/ul | 0.04 |
| 22) 2-Nitrophenol-d4           | 10.11 | 143 | 4573   | 1.76 | ng/ul | 0.03 |
| 26) 2,4-Dichlorophenol-d3      | 10.69 | 165 | 6888m  | 1.35 | ng/ul | 0.06 |
| 29) 4-Chloroaniline-d4         | 11.16 | 131 | 92     | 0.02 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.21 | 166 | 36315  | 2.01 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.51 | 160 | 45792  | 2.34 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.04 | 143 | 250    | 0.10 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.80 | 176 | 37533  | 2.20 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0d     | 0.00 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.66 | 188 | 56566m | 2.43 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.94 | 212 | 68525  | 2.48 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.01 | 264 | 64043  | 2.19 | ng/ul | 0.02 |

#### Target Compounds

|                               |       |     |        |       | Qvalue |    |
|-------------------------------|-------|-----|--------|-------|--------|----|
| 55) 2,3,4,6-Tetrachlorophenol | 15.45 | 232 | 14857  | 2.87  | ng/ul# | 87 |
| 68) Pentachlorophenol         | 17.22 | 266 | 258122 | 85.93 | ng/ul  | 91 |

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