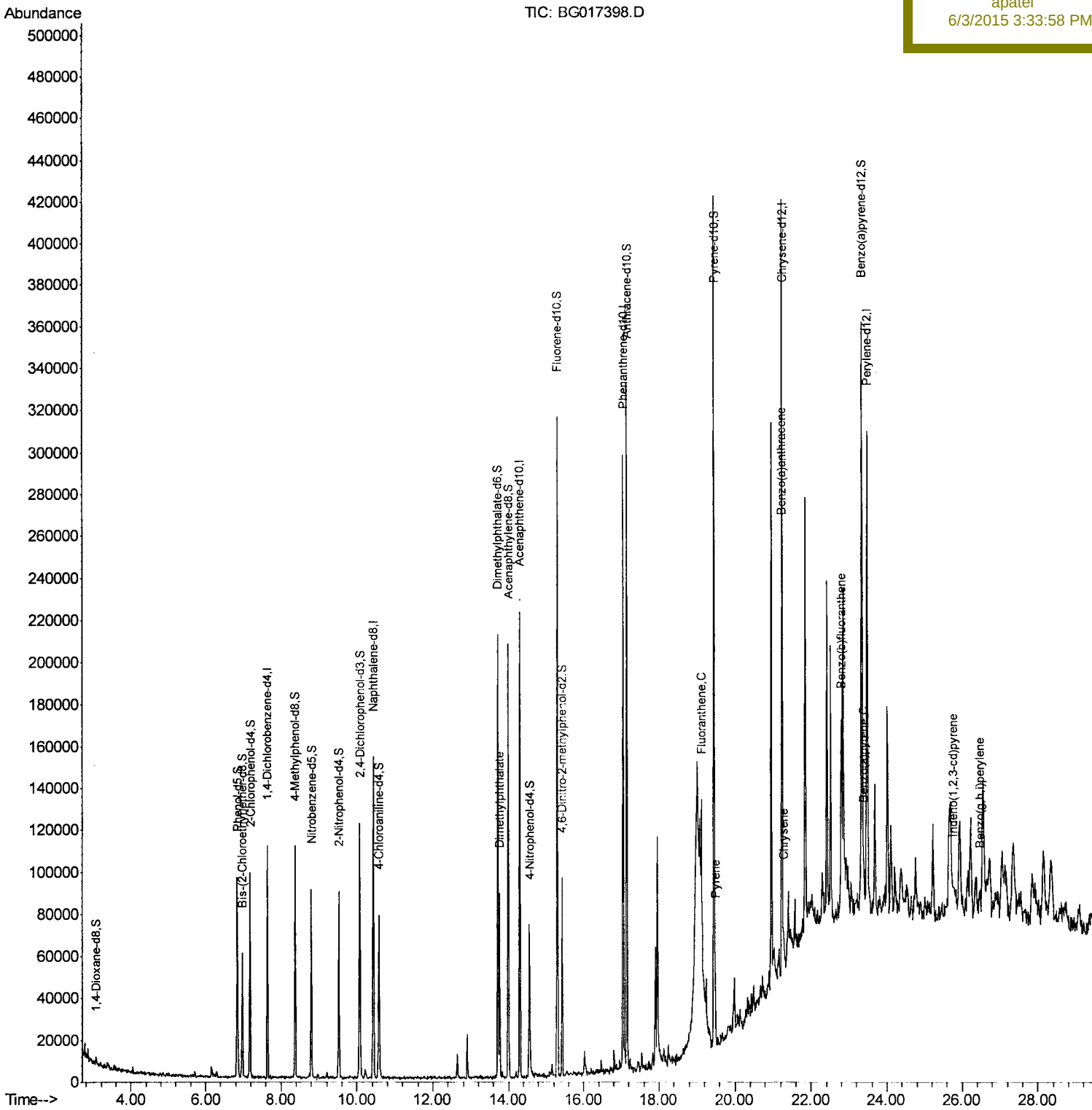


Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060215\  
Data File : BG017398.D  
Acq On : 2 Jun 2015 17:02  
Operator : TP/IZ  
Sample : G2430-18  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 03 04:23:43 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052915.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jun 03 03:45:23 2015  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampleId :  
BCRE9

Manual Integrations  
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Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060215\  
Data File : BG017398.D  
Acq On : 2 Jun 2015 17:02  
Operator : TP/IZ  
Sample : G2430-18  
Misc :  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.63  | 152  | 25535    | 20.00 | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.43 | 136  | 111460   | 20.00 | ng/ul  | 0.00     |
| 35) Acenaphthene-d10           | 14.30 | 164  | 70034    | 20.00 | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 17.05 | 188  | 145905   | 20.00 | ng/ul  | 0.00     |
| 75) Chrysene-d12               | 21.24 | 240  | 158032   | 20.00 | ng/ul  | 0.00     |
| 83) Perylene-d12               | 23.48 | 264  | 155208   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |       |        |          |
| 3) 1,4-Dioxane-d8              | 3.06  | 96   | 1615     | 3.00  | ng/uL  | 0.01     |
| 5) Phenol-d5                   | 6.84  | 99   | 42740    | 19.86 | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.97  | 67   | 24554    | 19.08 | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.18  | 132  | 36557    | 20.95 | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.37  | 113  | 35340    | 19.16 | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 8.80  | 128  | 18340    | 21.24 | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.51  | 143  | 22578    | 21.97 | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.07 | 165  | 38428    | 21.27 | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.57 | 131  | 36094    | 17.40 | ng/ul  | 0.00     |
| 43) Dimethylphthalate-d6       | 13.71 | 166  | 112714   | 22.57 | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 13.99 | 160  | 136116   | 21.05 | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.56 | 143  | 15781    | 16.57 | ng/ul  | 0.00     |
| 57) Fluorene-d10               | 15.30 | 176  | 110974   | 23.06 | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200  | 18378    | 18.00 | ng/ul  | 0.00     |
| 70) Anthracene-d10             | 17.15 | 188  | 163197   | 23.87 | ng/ul  | 0.00     |
| 76) Pyrene-d10                 | 19.45 | 212  | 188109   | 24.58 | ng/ul  | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.34 | 264  | 167761   | 24.21 | ng/ul  | 0.00     |
| Target Compounds               |       |      |          |       |        |          |
|                                |       |      |          |       | Qvalue |          |
| 44) Dimethylphthalate          | 13.76 | 163  | 46613    | 8.41  | ng/ul  | 99       |
| 74) Fluoranthene               | 19.12 | 202  | 22157    | 2.37  | ng/ul  | 99       |
| 77) Pyrene                     | 19.48 | 202  | 22040    | 2.23  | ng/ul  | 98       |
| 80) Benzo(a)anthracene         | 21.22 | 228  | 11457m   | 1.22  | ng/ul  |          |
| 82) Chrysene                   | 21.28 | 228  | 13612    | 1.56  | ng/ul  | 97       |
| 85) Benzo(b)fluoranthene       | 22.80 | 252  | 21351    | 2.28  | ng/ul# | 98       |
| 88) Benzo(a)pyrene             | 23.38 | 252  | 13149    | 1.49  | ng/ul# | 95       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.75 | 276  | 11359    | 1.14  | ng/ul# | 90       |
| 91) Benzo(g,h,i)perylene       | 26.45 | 276  | 10509    | 1.26  | ng/ul# | 92       |

T.P  
06/03/2015

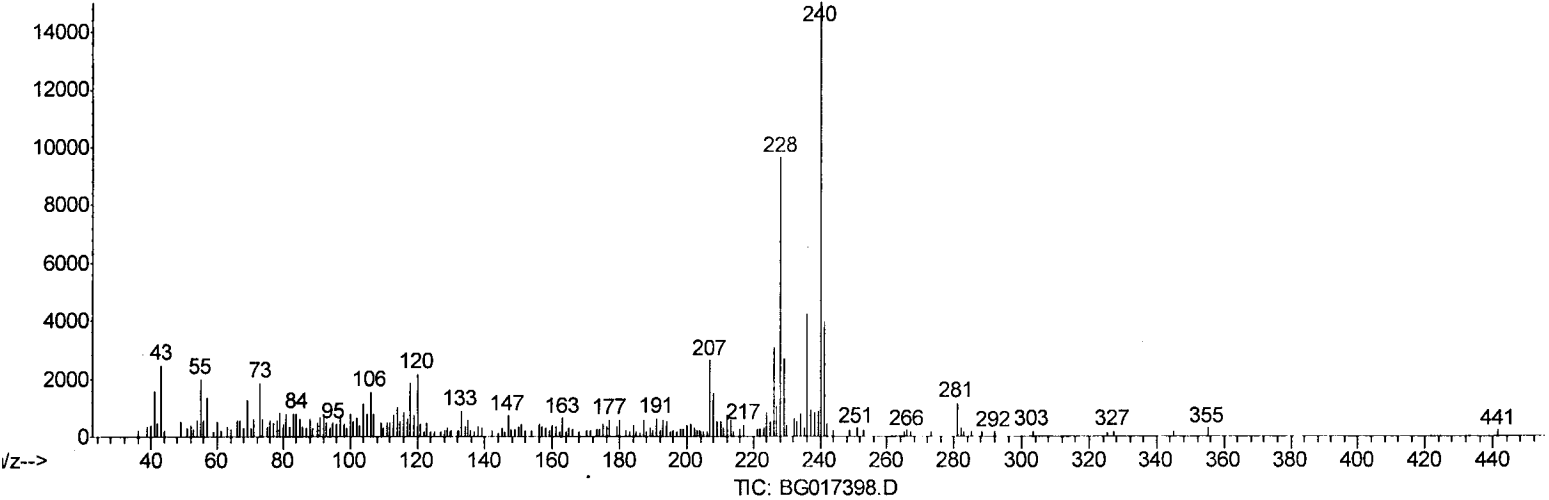
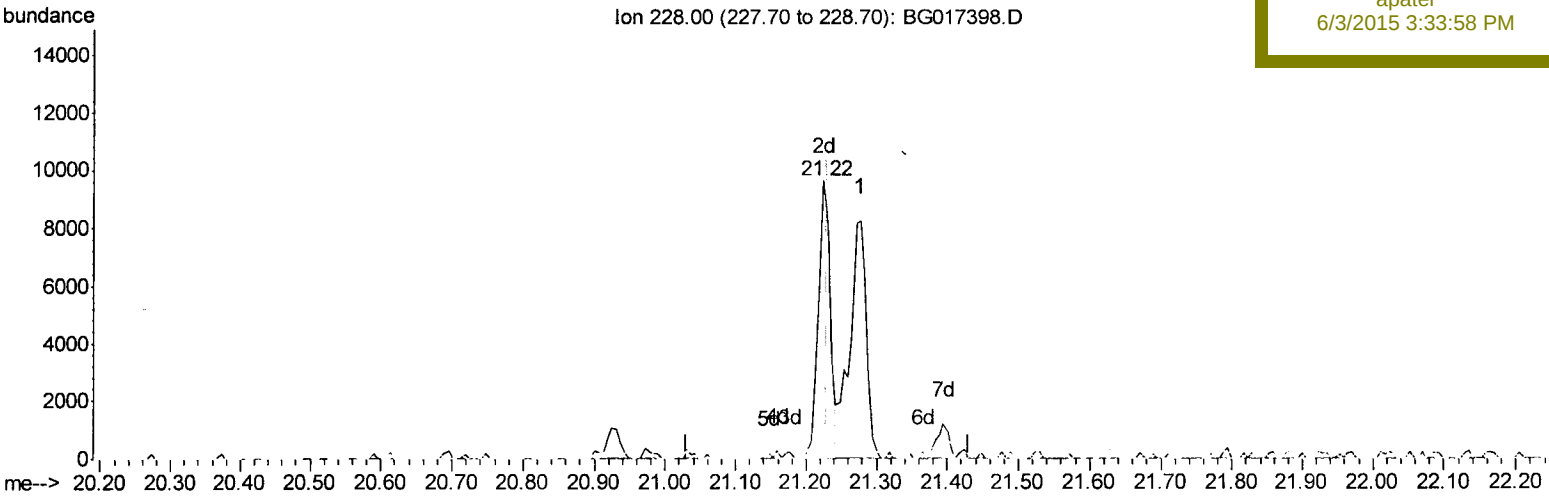
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
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 BCRE9

Manual Integrations  
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Quant Time: Jun 03 03:47:33 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jun 03 03:45:23 2015  
 Response via : Initial Calibration



(80) Benzo(a)anthracene  
 21.224min (-0.006) 1.22ng/ul m  
 response 11457  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 20.30 | 27.70# |
| 226.00 | 27.70 | 32.19  |
| 0.00   | 0.00  | 0.00   |

*T. P*  
*06/03/2015*

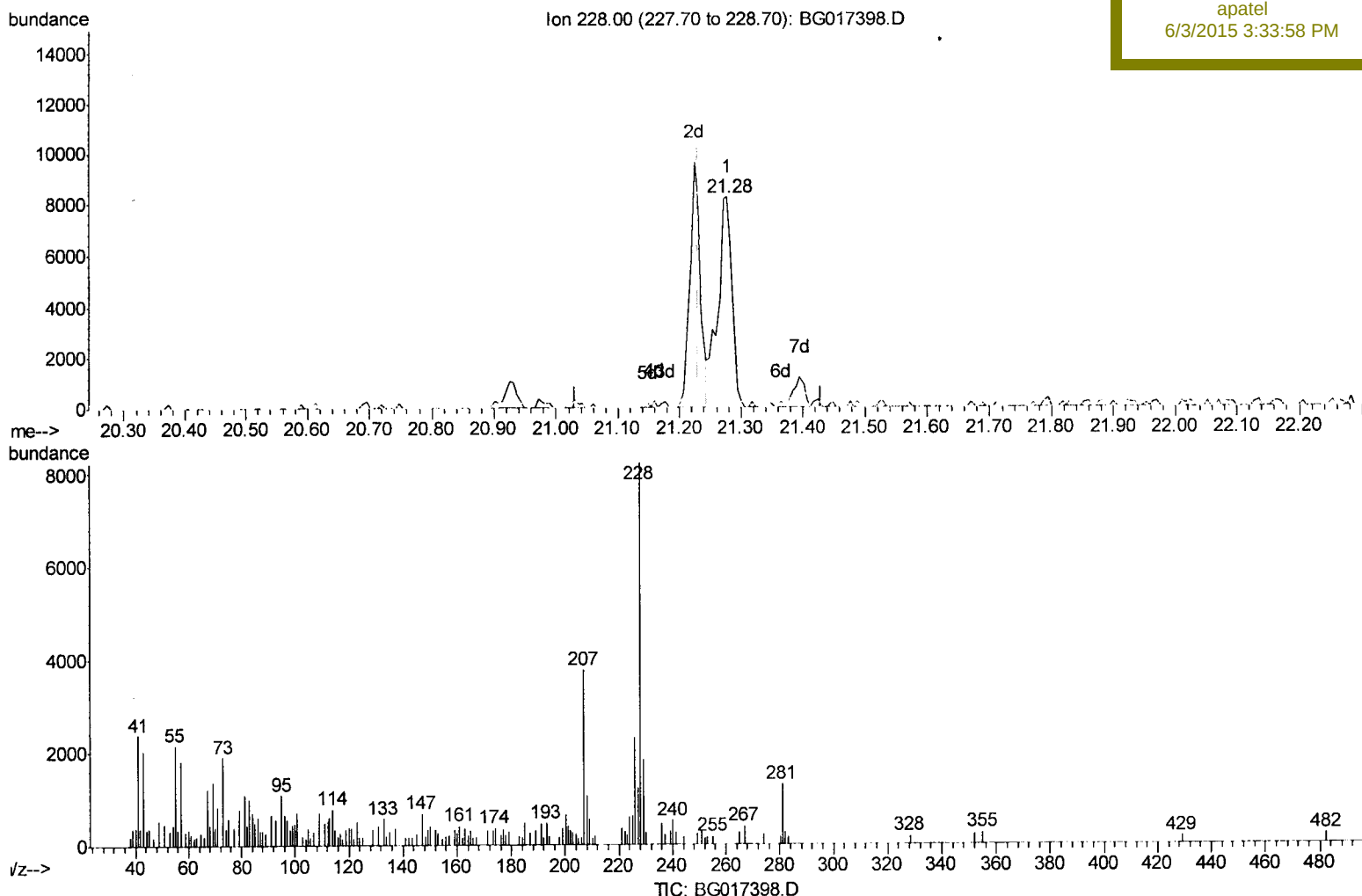
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060215\  
 Data File : BG017398.D  
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 Sample : G2430-18  
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Quant Time: Jun 03 03:47:33 2015  
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Instrument :  
 BNA\_G  
 ClientSampleId :  
 BCRE9

Manual Integrations  
 APPROVED

apatel  
 6/3/2015 3:33:58 PM



(80) Benzo(a)anthracene

21.277min (+0.047) 1.45ng/ul

response 13612

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 20.30 | 22.27 |
| 226.00 | 27.70 | 28.24 |
| 0.00   | 0.00  | 0.00  |