

Data Path : Z:\HPCHEM1\BNA G\Data\BG100716\RAW\  
 Data File : BG024221.D  
 Acq On : 7 Oct 2016 5:25  
 Operator : UM/SJ  
 Sample : PB815BL  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK15

Quant Time: Oct 07 09:32:23 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 06:34:32 2016  
 Response via : Initial Calibration

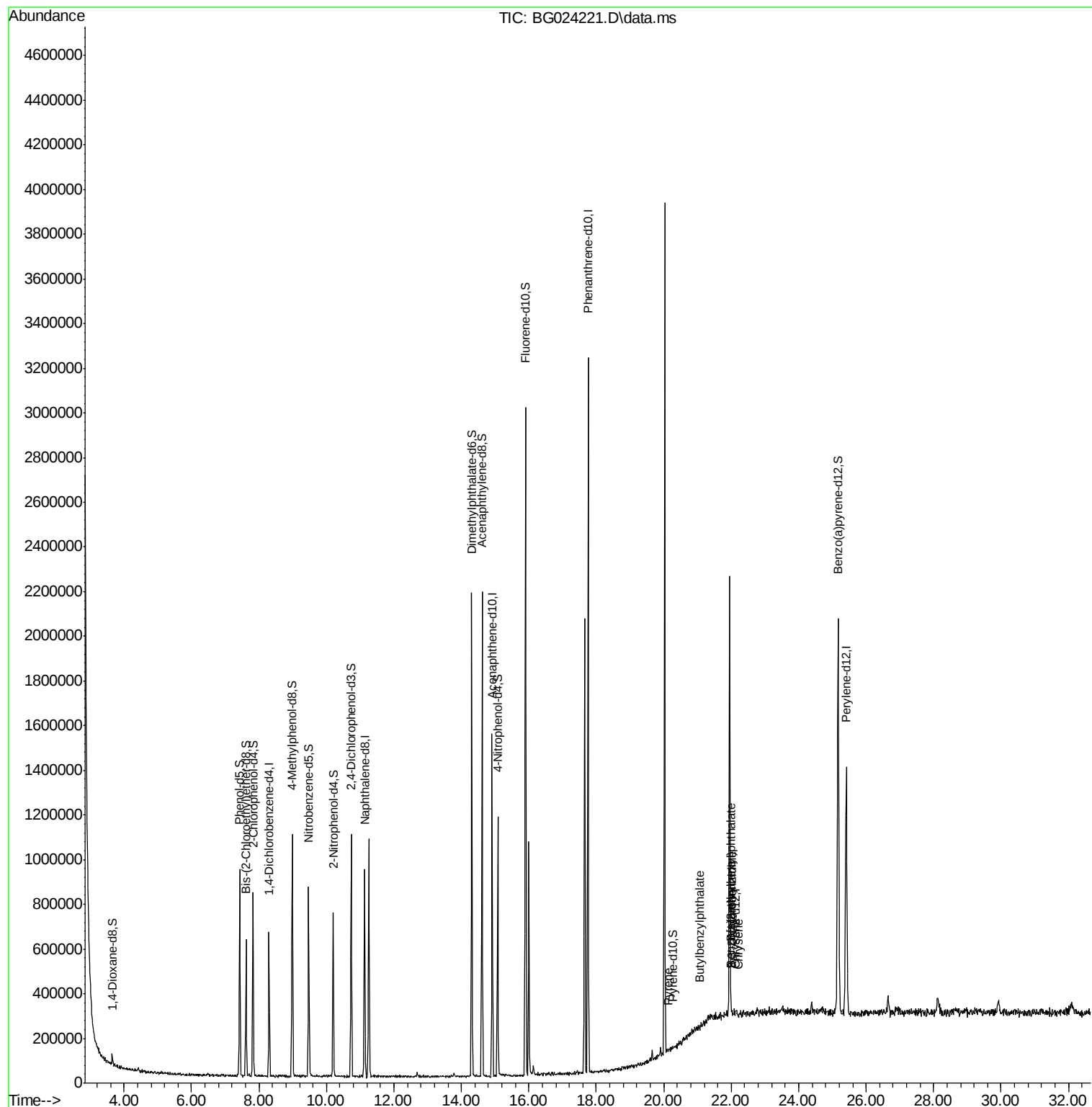
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.301  | 152  | 159797   | 20.00 | ng/ul  | 0.00     |
| 18) Naphthalene-d8            | 11.128 | 136  | 709883   | 20.00 | ng/ul  | 0.00     |
| 35) Acenaphthene-d10          | 14.917 | 164  | 569554   | 20.00 | ng/ul  | 0.00     |
| 61) Phenanthrene-d10          | 17.755 | 188  | 1842183  | 20.00 | ng/ul  | 0.10     |
| 75) Chrysene-d12              | 22.121 | 240  | 1934     | 20.00 | ng/ul  | 0.16     |
| 83) Perylene-d12              | 25.411 | 264  | 1283037  | 20.00 | ng/ul  | 0.00     |
|                               |        |      |          |       |        |          |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8             | 3.654  | 96   | 23002    | 6.84  | ng/uL  | 0.00     |
| 5) Phenol-d5                  | 7.426  | 99   | 459378   | 30.81 | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)eth...  | 7.614  | 67   | 317523   | 31.50 | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4          | 7.820  | 132  | 334769   | 32.61 | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8         | 8.983  | 113  | 387376   | 32.14 | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5           | 9.471  | 128  | 169884   | 33.72 | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4          | 10.199 | 143  | 201371   | 35.73 | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3     | 10.734 | 165  | 373733   | 30.44 | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4        | 11.363 | 131  | 633      | 0.05  | ng/ul  | 0.10     |
| 43) Dimethylphthalate-d6      | 14.312 | 166  | 1321411  | 33.23 | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8         | 14.612 | 160  | 1525775  | 33.49 | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4          | 15.076 | 143  | 224998   | 31.91 | ng/ul  | 0.00     |
| 57) Fluorene-d10              | 15.898 | 176  | 1224573  | 32.57 | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylph... | 16.092 | 200  | 459      | 0.04  | ng/ul  | 0.09     |
| 70) Anthracene-d10            | 17.826 | 188  | 2236     | 0.03  | ng/ul  | 0.07     |
| 76) Pyrene-d10                | 20.270 | 212  | 2788     | 30.89 | ng/ul  | 0.25     |
| 87) Benzo(a)pyrene-d12        | 25.170 | 264  | 1991551  | 34.50 | ng/ul  | 0.00     |
|                               |        |      |          |       |        |          |
| Target Compounds              |        |      |          |       | Ovalue |          |
| 77) Pvrene                    | 20.129 | 202  | 182      | 1.76  | ng/ul# | 65       |
| 78) Butylbenzylphthalate      | 21.063 | 149  | 420      | 10.12 | ng/ul# | 44       |
| 79) 3,3'-Dichlorobenzidine    | 22.009 | 252  | 547      | 15.19 | ng/ul# | 30       |
| 80) Benzo(a)anthracene        | 21.997 | 228  | 407      | 3.79  | ng/ul# | 51       |
| 81) Bis(2-ethylhexyl)phtha... | 21.980 | 149  | 1033     | 17.60 | ng/ul# | 52       |
| 82) Chrysene                  | 22.220 | 228  | 121      | 1.18  | ng/ul# | 50       |
| -----                         |        |      |          |       |        |          |

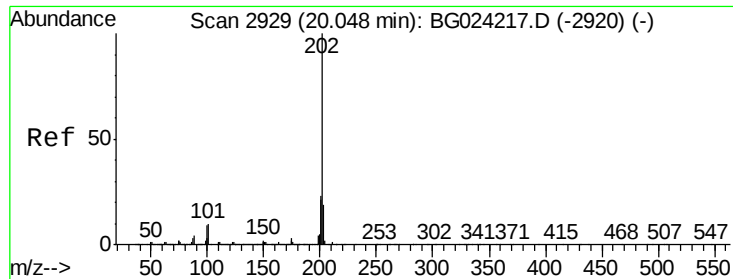
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#77

Pvrene

Concen: 1.76 ng/ul

RT: 20.129 min Scan# 29

Delta R.T. 0.081 min

Lab File: BG024221.D

Acq: 7 Oct 2016 5:25

Instrument :

BNA\_G

ClientSampleId :

SBLK15

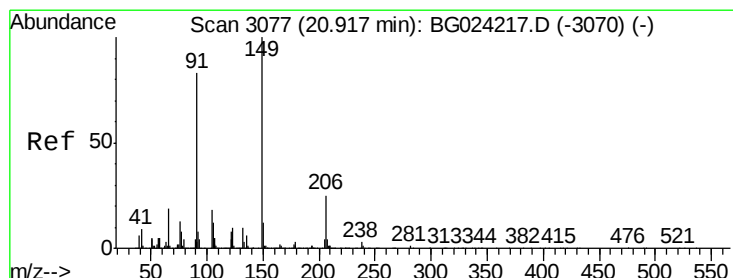
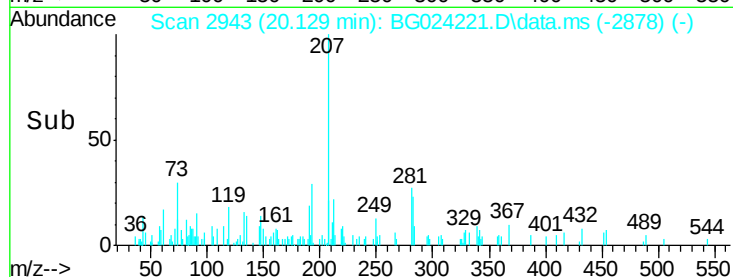
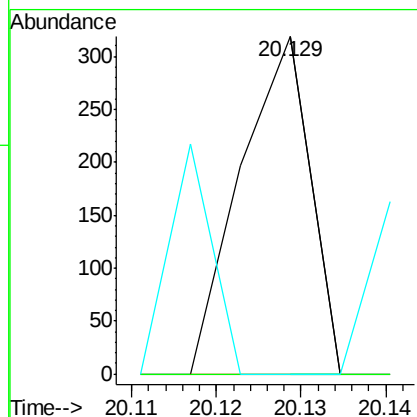
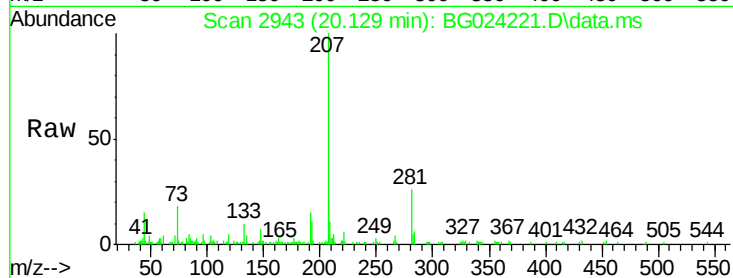
Tot Ion:202 Resp: 182

Ion Ratio Lower Upper

202 100

101 0.0 12.5 18.7#

100 0.0 10.2 15.4#



#78

Butylbenzylphthalate

Concen: 10.12 ng/ul

RT: 21.063 min Scan# 3102

Delta R.T. 0.146 min

Lab File: BG024221.D

Acq: 7 Oct 2016 5:25

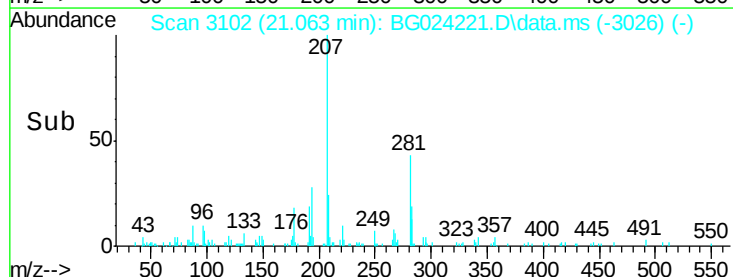
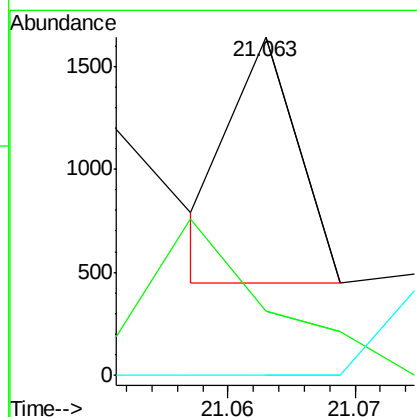
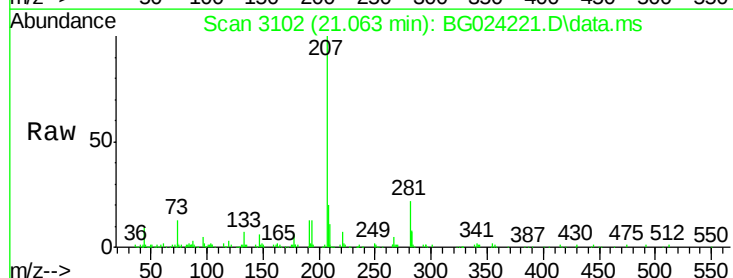
Tgt Ion:149 Resp: 420

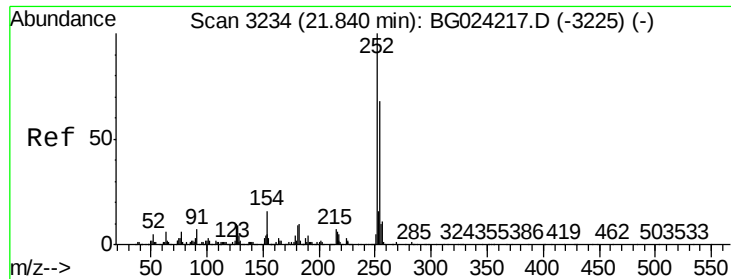
Ion Ratio Lower Upper

149 100

91 18.9 54.2 81.4#

206 0.0 14.1 21.1#

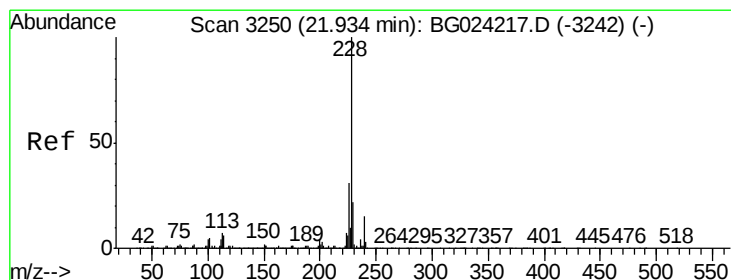
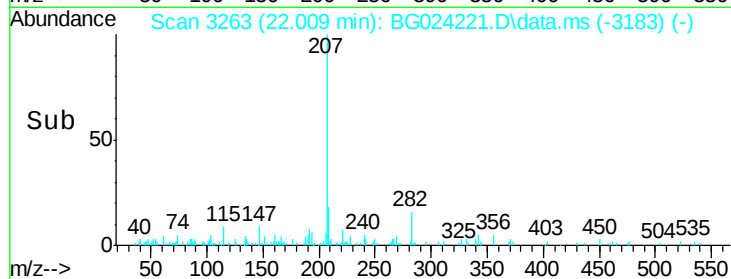
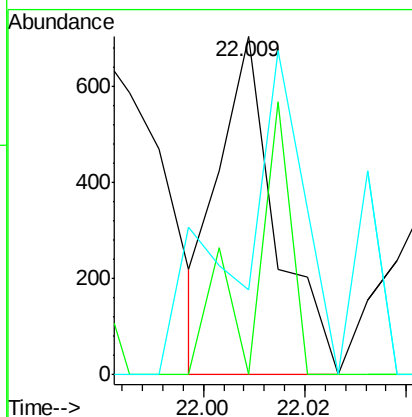
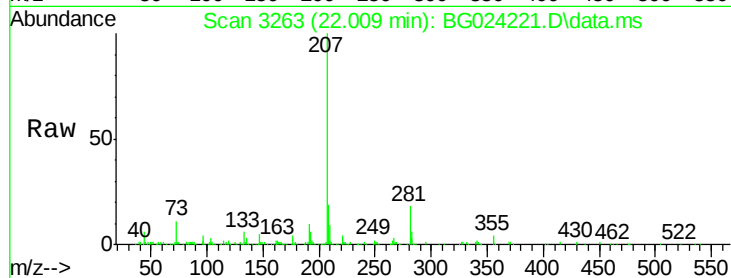




#79  
 3,3'-Dichlorobenzidine  
 Concen: 15.19 ng/ul  
 RT: 22.009 min Scan# 32  
 Delta R.T. 0.169 min  
 Lab File: BG024221.D  
 Acq: 7 Oct 2016 5:25

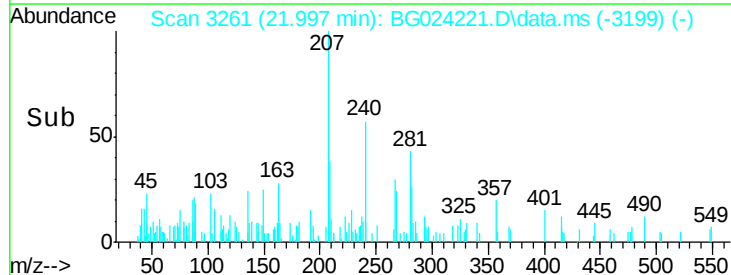
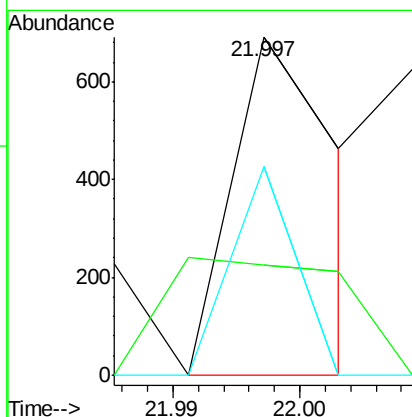
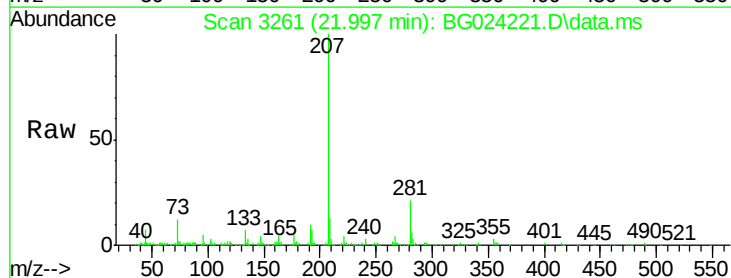
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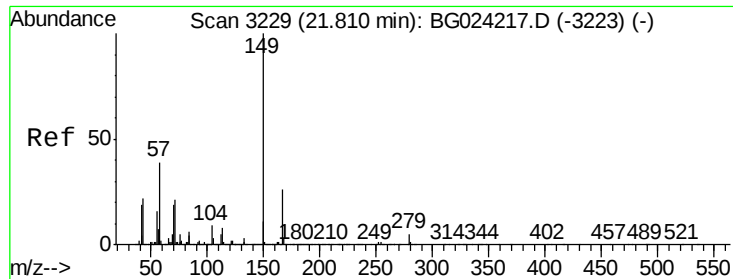
Tot Ion:252 Resp: 547  
 Ion Ratio Lower Upper  
 252 100  
 254 0.0 51.4 77.2#  
 126 19.4 10.7 16.1#



#80  
 Benzo(a)anthracene  
 Concen: 3.79 ng/ul  
 RT: 21.997 min Scan# 3261  
 Delta R.T. 0.063 min  
 Lab File: BG024221.D  
 Acq: 7 Oct 2016 5:25

Tgt Ion:228 Resp: 407  
 Ion Ratio Lower Upper  
 228 100  
 229 32.6 15.4 23.2#  
 226 61.6 22.8 34.2#

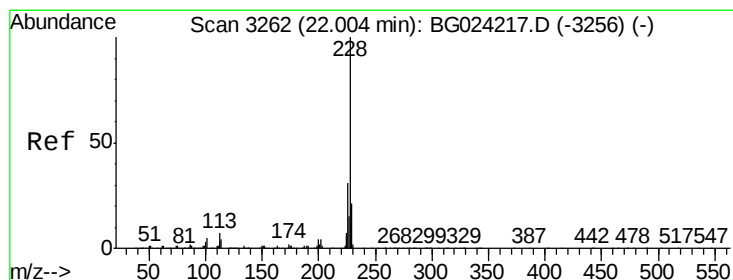
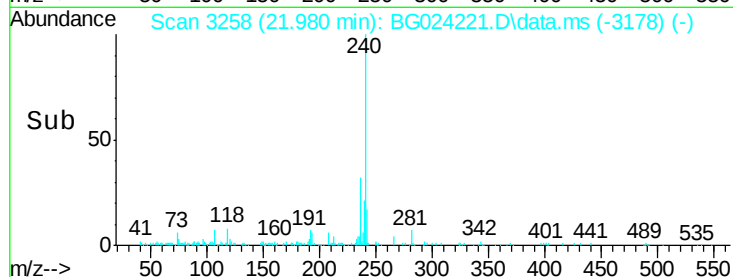
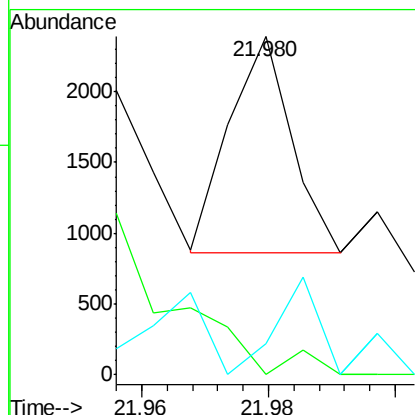
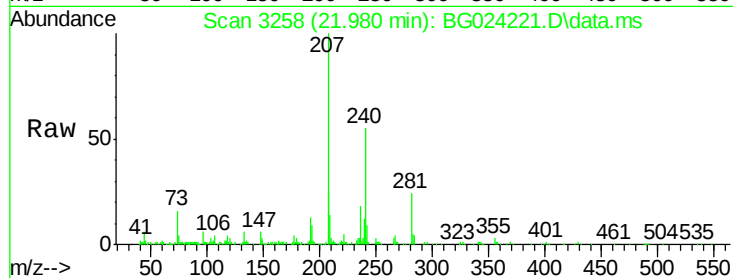




#81  
Bis(2-ethylhexyl)phthalate  
Concen: 17.60 ng/ul  
RT: 21.980 min Scan# 321  
Delta R.T. 0.169 min  
Lab File: BG024221.D  
Acq: 7 Oct 2016 5:25

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK15

Tot Ion:149 Resp: 1033  
Ion Ratio Lower Upper  
149 100  
167 0.0 21.9 32.9#  
279 9.2 2.9 4.3#



#82  
Chrysene  
Concen: 1.18 ng/ul  
RT: 22.220 min Scan# 3299  
Delta R.T. 0.216 min  
Lab File: BG024221.D  
Acq: 7 Oct 2016 5:25

Tgt Ion:228 Resp: 121  
Ion Ratio Lower Upper  
228 100  
226 0.0 24.2 36.4#  
229 0.0 15.0 22.6#

