

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
 Data File : BG051366.D  
 Acq On : 7 Dec 2021 1:57  
 Operator : CG/JU  
 Sample : M4942-04  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGKQ4

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 12/07/2021  
 Supervised By :mohammad ahmed 12/07/2021

Quant Time: Dec 07 02:32:29 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 03 15:23:09 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.192  | 152  | 31142    | 20.000  | ng/u1  | -0.01    |
| 20) Naphthalene-d8            | 11.024 | 136  | 140281   | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.831 | 164  | 93118    | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.581 | 188  | 169574   | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.887 | 240  | 147061   | 20.000  | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.295 | 264  | 149750   | 20.000  | ng/u1  | 0.01     |
|                               |        |      |          |         |        |          |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.527  | 96   | 2896     | 3.232   | ng/uL  | -0.02    |
| 4) Pyridine-d5                | 3.961  | 84   | 26065    | 9.912   | ng/u1  | -0.02    |
| 7) Phenol-d5                  | 7.357  | 99   | 70468    | 22.895  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.510  | 67   | 47749    | 24.701  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.727  | 132  | 53269    | 24.034  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.914  | 113  | 58279    | 23.464  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.378  | 128  | 29238    | 24.691  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.101 | 143  | 33949    | 25.415  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.653 | 165  | 55436    | 24.460  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.165 | 131  | 65588    | 19.778  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.220 | 166  | 185602   | 25.904  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.525 | 160  | 232660   | 25.751  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.066 | 143  | 21334    | 18.395  | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.824 | 176  | 155721   | 24.135  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.971 | 200  | 5143m    | 4.915   | ng/u1  | 0.02     |
| 73) Anthracene-d10            | 17.681 | 188  | 216732   | 26.724  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.960 | 212  | 219452   | 24.662  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.066 | 264  | 195197   | 24.407  | ng/u1  | 0.02     |
|                               |        |      |          |         |        |          |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 8) Phenol                     | 7.387  | 94   | 3938     | 1.235   | ng/u1# | 74       |
| 26) 2,4-Dimethylphenol        | 10.189 | 107  | 9859m    | 3.485   | ng/u1  |          |
| 30) Naphthalene               | 11.076 | 128  | 63911    | 8.373   | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.669 | 142  | 8316     | 1.602   | ng/u1  | 90       |
| 37) 1-Methylnaphthalene       | 12.886 | 142  | 20813    | 3.897   | ng/u1  | 96       |
| 72) Phenanthrene              | 17.628 | 178  | 11822    | 1.263   | ng/u1# | 87       |
| 83) Butylbenzylphthalate      | 20.847 | 149  | 30815    | 6.933   | ng/u1  | 96       |
| 86) Bis(2-ethylhexyl)phtha... | 21.723 | 149  | 1128674  | 176.475 | ng/u1# | 95       |
| 89) Di-n-octyl phthalate      | 22.992 | 149  | 60029    | 5.533   | ng/u1  | 100      |
| -----                         |        |      |          |         |        |          |

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

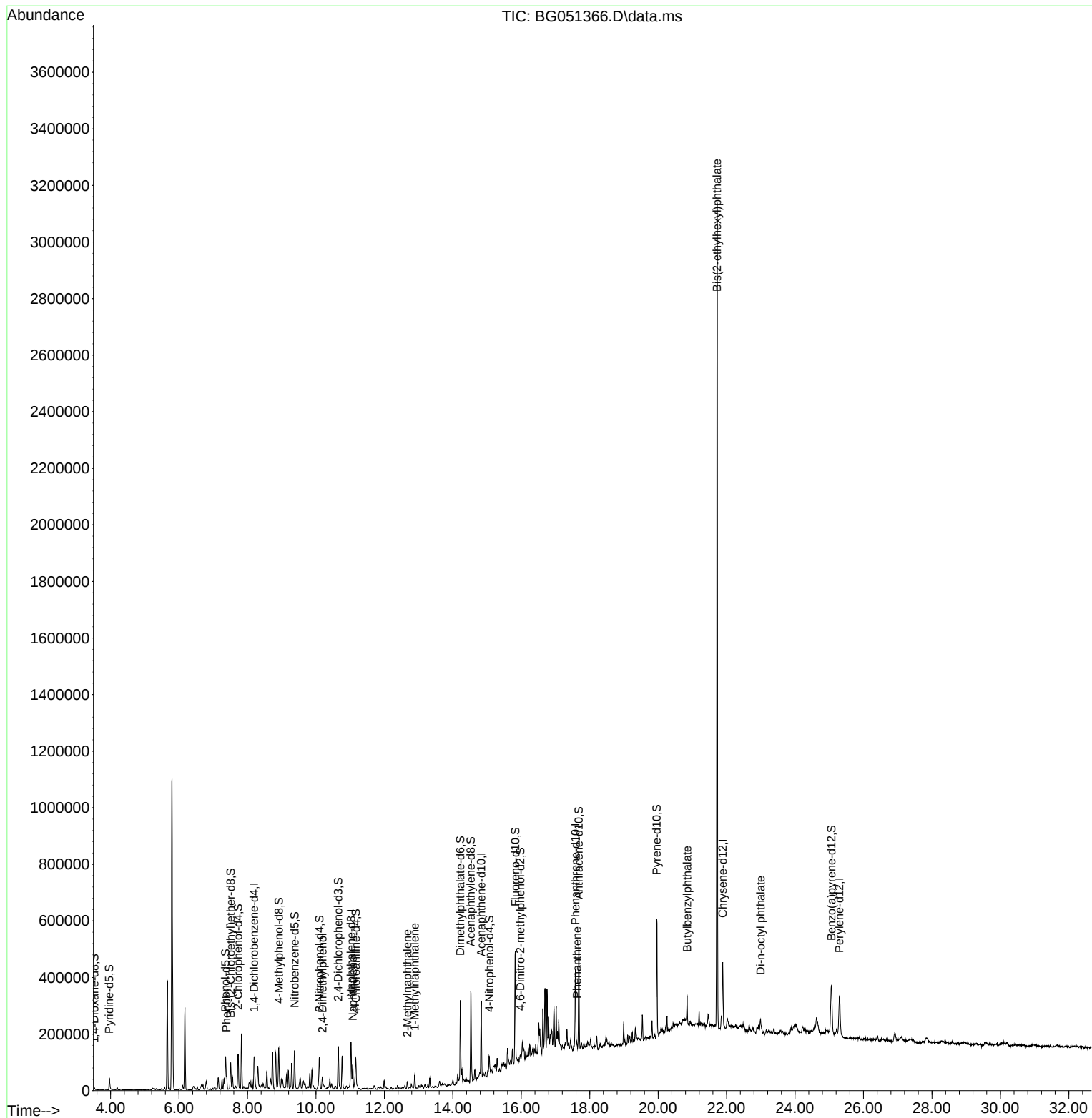
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120621\  
Data File : BG051366.D  
Acq On : 7 Dec 2021 1:57  
Operator : CG/JU  
Sample : M4942-04  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

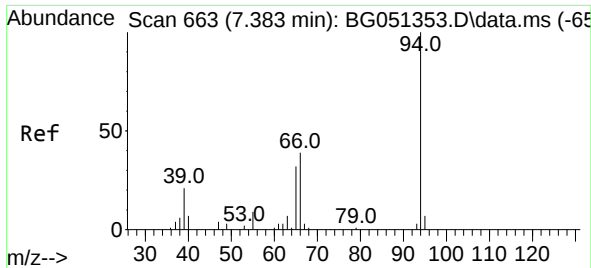
Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ4

Manual Integrations  
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Quant Title : SVOA CALIBRATION  
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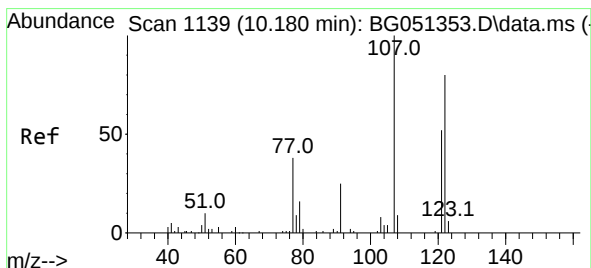
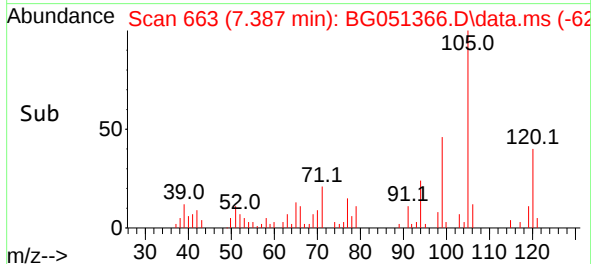
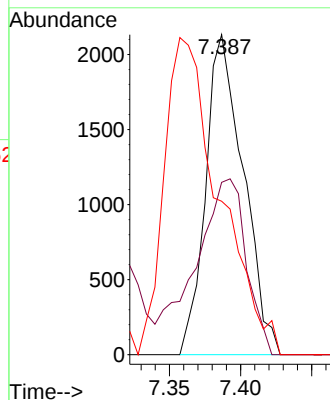
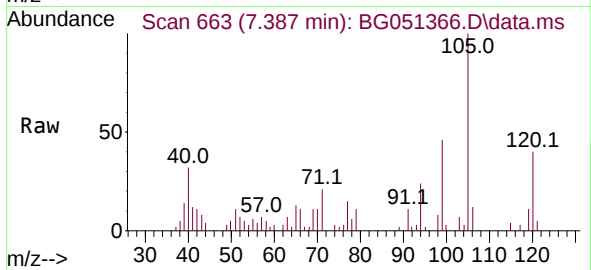
#8  
Phenol  
Concen: 1.235 ng/ul  
RT: 7.387 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: BG051366.D  
Acq: 7 Dec 2021 1:57

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ4

Tgt Ion: 94 Resp: 3938  
Ion Ratio Lower Upper  
94 100  
65 53.8 25.1 37.7  
66 47.9 31.6 47.4

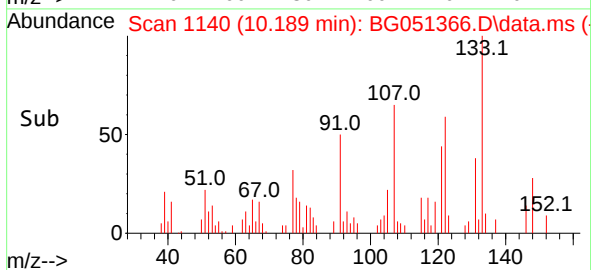
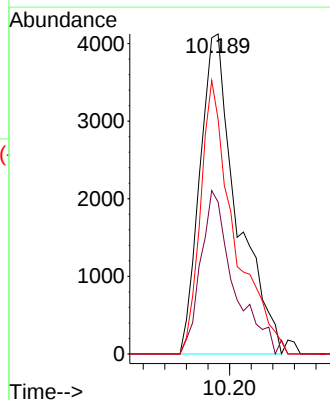
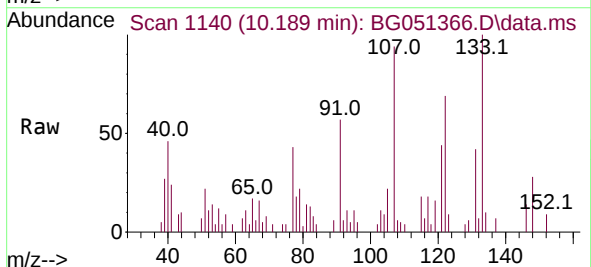
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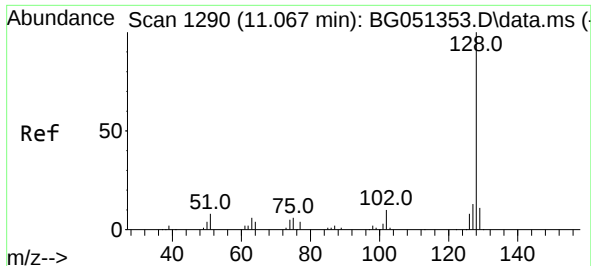
Reviewed By :Jagrut Upadhyay 12/07/2021  
Supervised By :mohammad ahmed 12/07/2021



#26  
2,4-Dimethylphenol  
Concen: 3.485 ng/ul m  
RT: 10.189 min Scan# 1140  
Delta R.T. 0.006 min  
Lab File: BG051366.D  
Acq: 7 Dec 2021 1:57

Tgt Ion:107 Resp: 9859  
Ion Ratio Lower Upper  
107 100  
121 47.4 39.3 58.9  
122 73.4 63.7 95.5





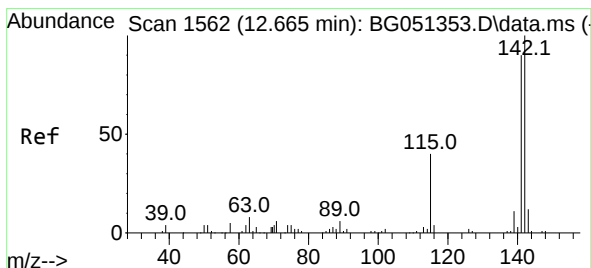
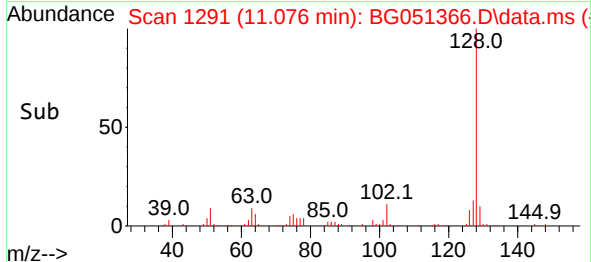
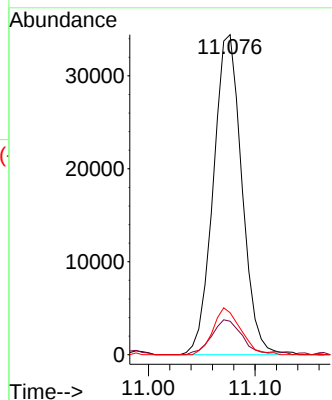
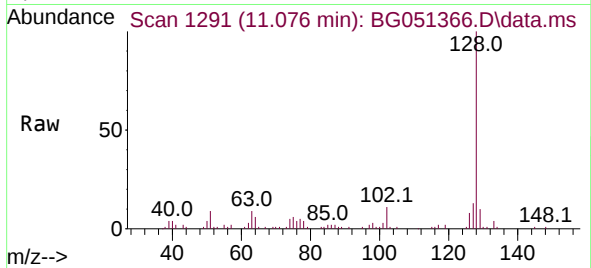
#30  
Naphthalene  
Concen: 8.373 ng/ul  
RT: 11.076 min Scan# 1291  
Delta R.T. 0.000 min  
Lab File: BG051366.D  
Acq: 7 Dec 2021 1:57

Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion:128 Resp: 6391  
Ion Ratio Lower Upper  
128 100  
129 10.5 8.5 12.7  
127 13.1 11.8 17.6

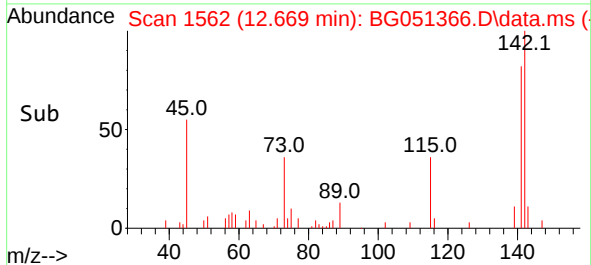
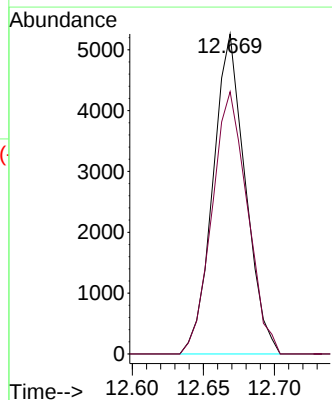
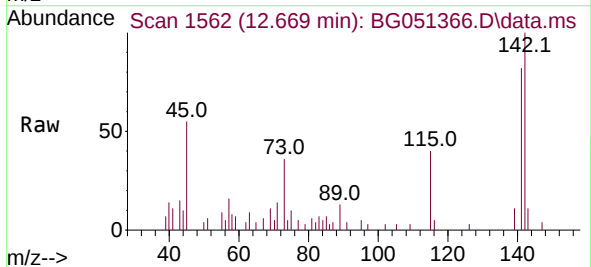
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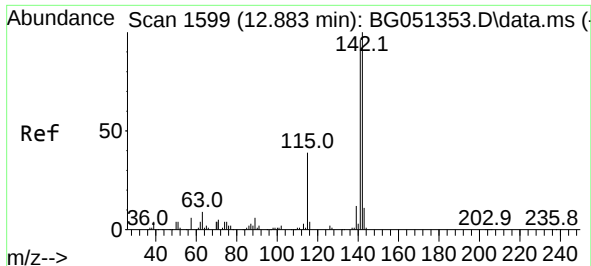
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Supervised By :mohammad ahmed 12/07/2021



#36  
2-Methylnaphthalene  
Concen: 1.602 ng/ul  
RT: 12.669 min Scan# 1562  
Delta R.T. 0.000 min  
Lab File: BG051366.D  
Acq: 7 Dec 2021 1:57

Tgt Ion:142 Resp: 8316  
Ion Ratio Lower Upper  
142 100  
141 82.0 73.3 109.9





#37

1-Methylnaphthalene

Concen: 3.897 ng/ul

RT: 12.886 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG051366.D

Acq: 7 Dec 2021 1:57

Instrument :

BNA\_G

ClientSampleId :

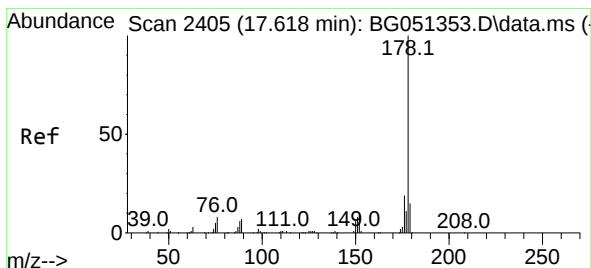
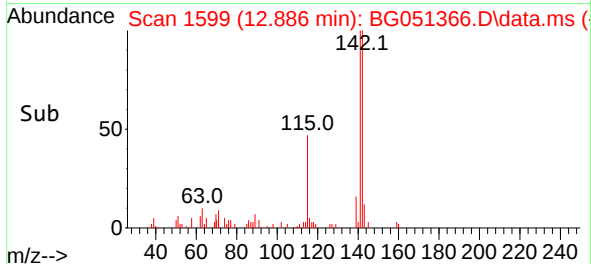
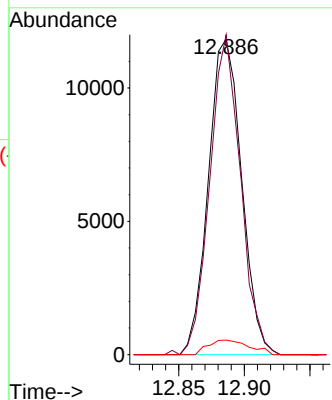
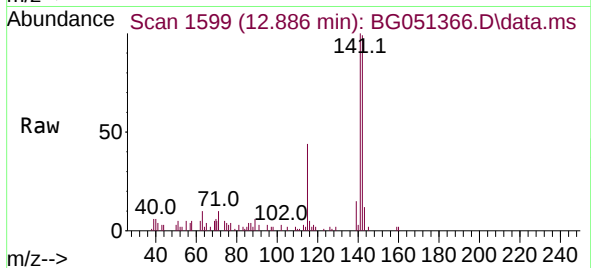
BGKQ4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 2081  |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 141       | 101.5 | 77.8  | 116.8 |
| 116       | 4.6   | 3.3   | 4.9   |

Manual Integrations

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#72

Phenanthrene

Concen: 1.263 ng/ul

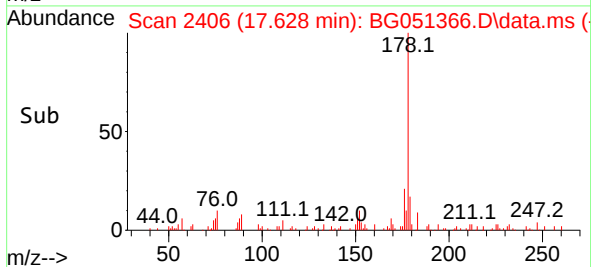
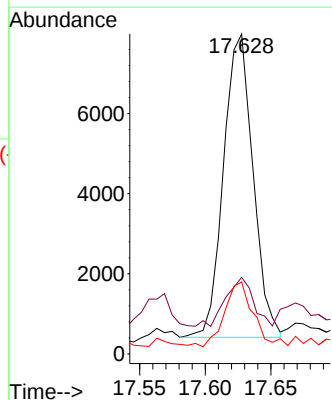
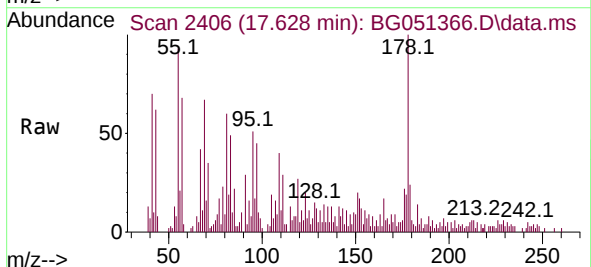
RT: 17.628 min Scan# 2406

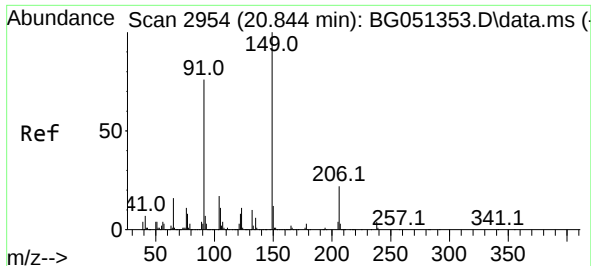
Delta R.T. 0.006 min

Lab File: BG051366.D

Acq: 7 Dec 2021 1:57

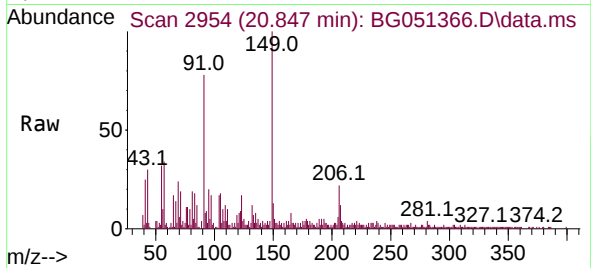
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 11822 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 179       | 24.0  | 12.3  | 18.5  |
| 176       | 22.5  | 15.5  | 23.3  |





#83  
Butylbenzylphthalate  
Concen: 6.933 ng/ul  
RT: 20.847 min Scan# 2954  
Delta R.T. 0.000 min  
Lab File: BG051366.D  
Acq: 7 Dec 2021 1:57

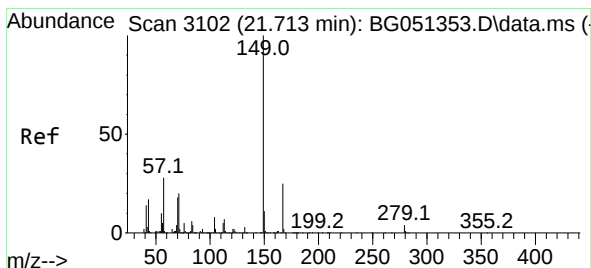
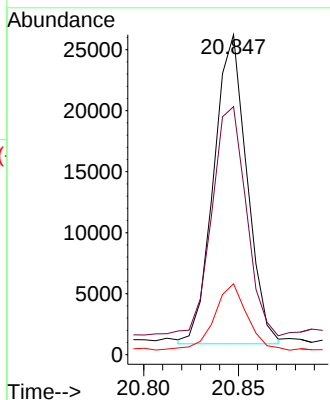
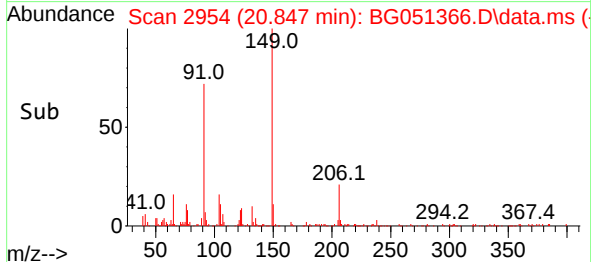
Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ4



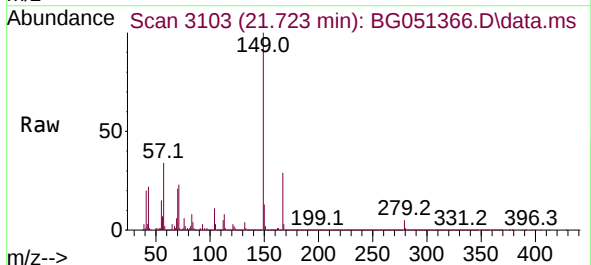
Tgt Ion:149 Resp: 3081  
Ion Ratio Lower Upper  
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91 77.5 65.2 97.8  
206 22.2 16.2 24.2

Manual Integrations  
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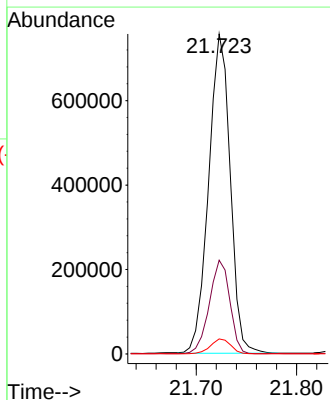
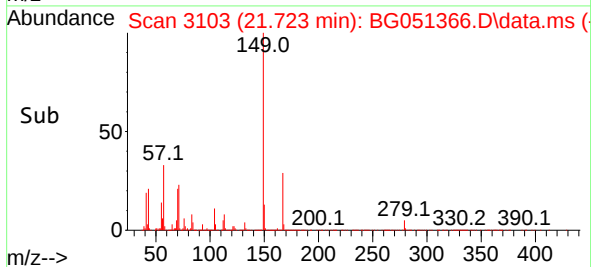
Reviewed By :Jagrut Upadhyay 12/07/2021  
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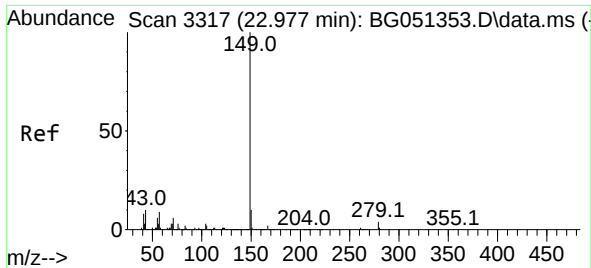


#86  
Bis(2-ethylhexyl)phthalate  
Concen: 176.475 ng/ul  
RT: 21.723 min Scan# 3103  
Delta R.T. 0.000 min  
Lab File: BG051366.D  
Acq: 7 Dec 2021 1:57



Tgt Ion:149 Resp: 1128674  
Ion Ratio Lower Upper  
149 100  
167 29.3 21.1 31.7  
279 4.7 2.7 4.1#





#89  
Di-n-octyl phthalate  
Concen: 5.533 ng/ul  
RT: 22.992 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: BG051366.D  
Acq: 7 Dec 2021 1:57

Instrument :  
BNA\_G  
ClientSampleId :  
BGKQ4

Tgt Ion:149 Resp: 60029

Manual Integrations  
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