

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110423\  
 Data File : BG059673.D  
 Acq On : 6 Nov 2023 3:52  
 Operator : MA/JU  
 Sample : 04948-04  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AH6

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023  
 Supervised By :mohammad ahmed 11/08/2023

Quant Time: Nov 06 03:52:03 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110323.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Nov 04 02:46:50 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.364  | 152  | 27395    | 20.000  | ng/u1  | 0.02     |
| 20) Naphthalene-d8            | 11.202 | 136  | 118535   | 20.000  | ng/u1  | # 0.00   |
| 38) Acenaphthene-d10          | 14.980 | 164  | 87826    | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.729 | 188  | 208715   | 20.000  | ng/u1  | # 0.00   |
| 79) Chrysene-d12              | 22.060 | 240  | 226639   | 20.000  | ng/u1  | -0.01    |
| 88) Perylene-d12              | 25.655 | 264  | 261351   | 20.000  | ng/u1  | -0.02    |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.646  | 96   | 3540m    | 4.843   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 4.081  | 84   | 47985    | 22.324  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.465  | 99   | 119237   | 42.571  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.694  | 67   | 243417   | 162.548 | ng/u1  | 0.02     |
| 11) 2-Chlorophenol-d4         | 7.876  | 132  | 60752    | 31.938  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 9.039  | 113  | 59903    | 26.133  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.557  | 128  | 55953    | 64.546  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.279 | 143  | 34949    | 33.407  | ng/u1  | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 10.796 | 165  | 62571    | 33.665  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.337 | 131  | 68620m   | 23.462  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.374 | 166  | 237586   | 33.707  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.680 | 160  | 273392   | 32.528  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.150 | 143  | 40893    | 32.860  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.967 | 176  | 216801   | 32.671  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.067 | 200  | 38073    | 28.820  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.829 | 188  | 327199   | 29.953  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 20.097 | 212  | 448448   | 30.920  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.414 | 264  | 480138   | 31.383  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 11.260 | 128  | 95871    | 13.814  | ng/u1# | 89       |
| 36) 2-Methylnaphthalene       | 12.829 | 142  | 18992    | 3.756   | ng/u1  | 85       |
| 37) 1-Methylnaphthalene       | 13.047 | 142  | 9294     | 1.799   | ng/u1# | 92       |
| 86) Bis(2-ethylhexyl)phtha... | 21.871 | 149  | 44710    | 4.463   | ng/u1  | 92       |
| -----                         |        |      |          |         |        |          |

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

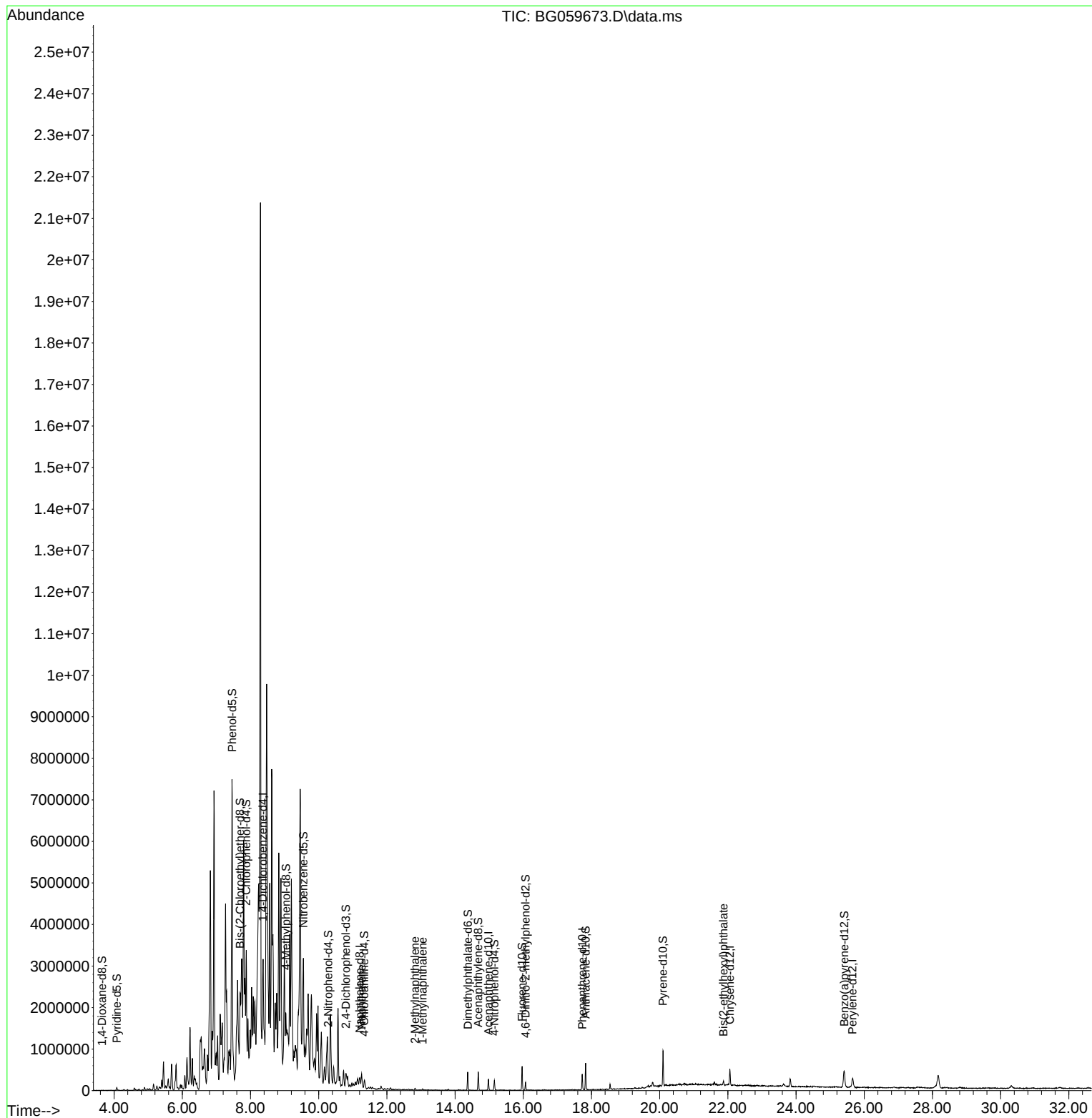
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110423\  
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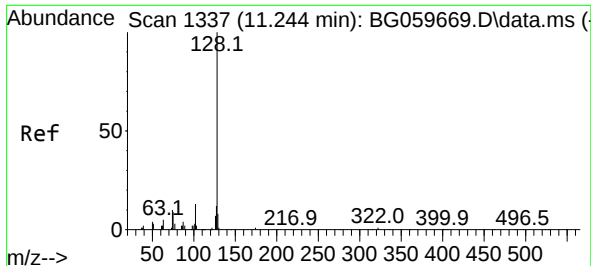
Instrument :  
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Quant Title : SVOA CALIBRATION  
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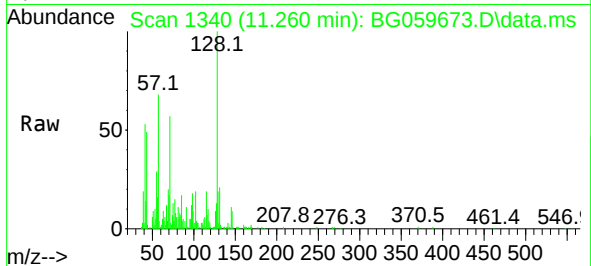
Reviewed By :Yogesh Patel 11/06/2023  
Supervised By :mohammad ahmed 11/08/2023





#30  
Naphthalene  
Concen: 13.814 ng/ul  
RT: 11.260 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BG059673.D  
Acq: 6 Nov 2023 3:52

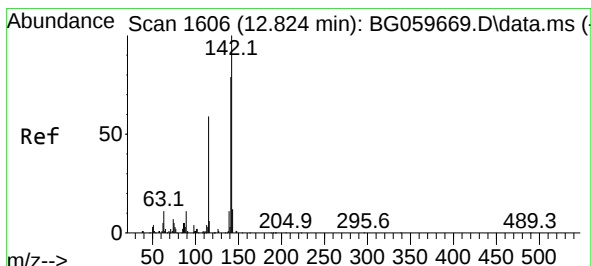
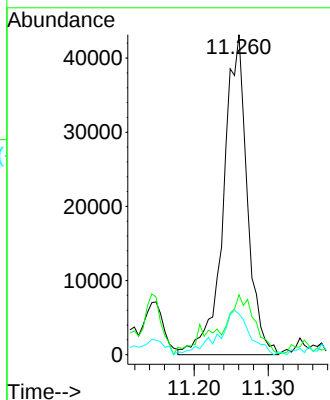
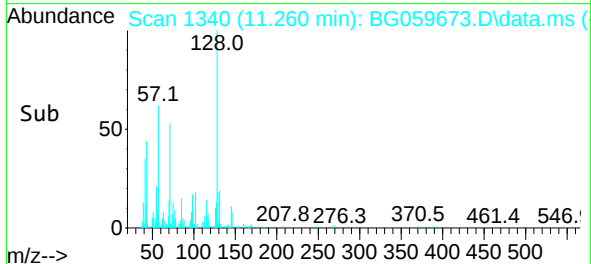
Instrument :  
BNA\_G  
ClientSampleId :  
C0AH6



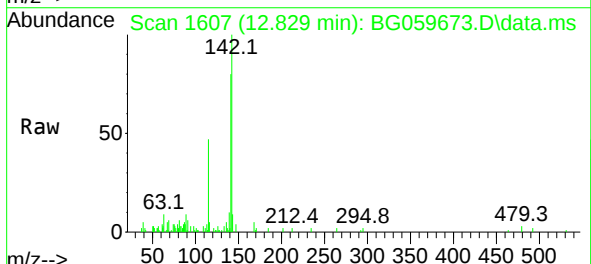
Tgt Ion:128 Resp: 9587  
Ion Ratio Lower Upper  
128 100  
129 18.7 7.3 10.9  
127 12.7 10.1 15.1

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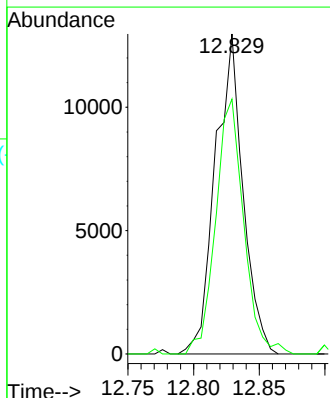
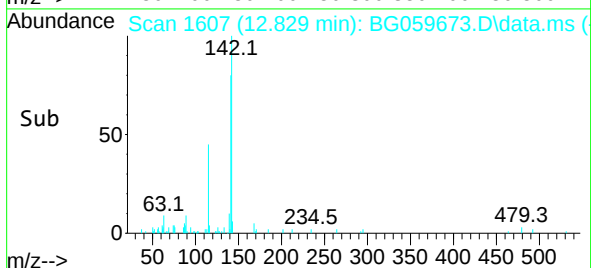
Reviewed By :Yogesh Patel 11/06/2023  
Supervised By :mohammad ahmed 11/08/2023

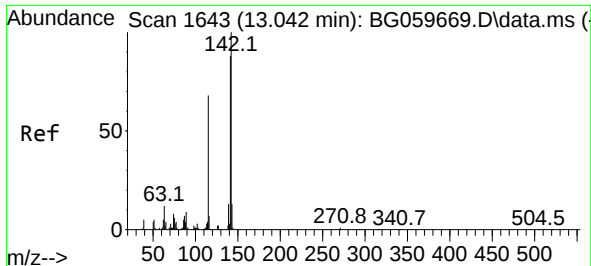


#36  
2-Methylnaphthalene  
Concen: 3.756 ng/ul  
RT: 12.829 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BG059673.D  
Acq: 6 Nov 2023 3:52



Tgt Ion:142 Resp: 18992  
Ion Ratio Lower Upper  
142 100  
141 79.7 75.1 112.7





#37

1-Methylnaphthalene

Concen: 1.799 ng/ul

RT: 13.047 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG059673.D

Acq: 6 Nov 2023 3:52

Instrument :

BNA\_G

ClientSampleId :

C0AH6

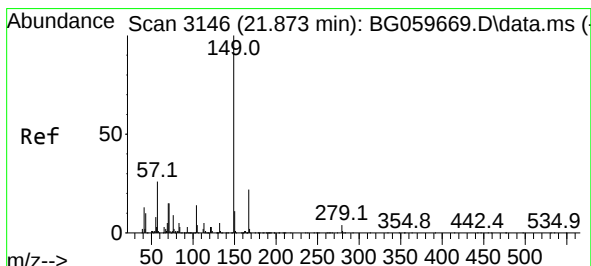
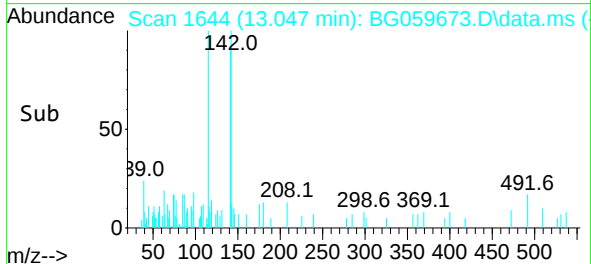
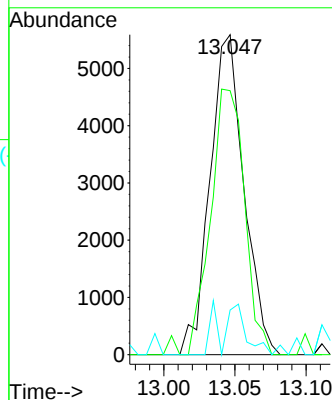
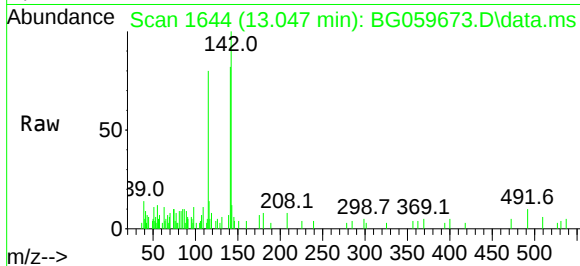
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 9294  |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 141       | 82.5  | 70.9  | 106.3 |
| 116       | 14.0  | 5.0   | 7.4   |

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#86

Bis(2-ethylhexyl)phthalate

Concen: 4.463 ng/ul

RT: 21.871 min Scan# 3146

Delta R.T. -0.017 min

Lab File: BG059673.D

Acq: 6 Nov 2023 3:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 44710 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 18.3  | 18.0  | 27.0  |
| 279       | 3.2   | 2.6   | 4.0   |

