

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011722\
 Data File : BG052062.D
 Acq On : 18 Jan 2022 21:13
 Operator : CG/JU
 Sample : N1100-16RX
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLT0RX

Quant Time: Jan 19 05:11:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/19/2022
 Supervised By :mohammad ahmed 01/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.243	152	26269	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.086	136	116701	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.893	164	82769	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.642	188	177736	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.959	240	147137	20.000	ng/ul	# 0.00
88) Perylene-d12	25.449	264	153665	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.573	96	2657	3.614	ng/uL	0.00
4) Pyridine-d5	3.996	84	30931	13.535	ng/ul	-0.01
7) Phenol-d5	7.385	99	61549	23.939	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	37408	22.920	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.773	132	42406	24.912	ng/ul	0.00
15) 4-Methylphenol-d8	8.948	113	40606	20.317	ng/ul	0.00
21) Nitrobenzene-d5	9.412	128	24003	26.030	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.146	143	23616	23.156	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.698	165	44742	22.444	ng/ul	0.00
31) 4-Chloroaniline-d4	11.209	131	57011	20.536	ng/ul	0.00
46) Dimethylphthalate-d6	14.276	166	172487	25.212	ng/ul	0.00
49) Acenaphthylene-d8	14.587	160	226615	27.421	ng/ul	0.00
54) 4-Nitrophenol-d4	15.081	143	158	0.138	ng/ul	0.01
60) Fluorene-d10	15.879	176	158892	26.638	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.991	200	96	0.086	ng/ul	0.00
73) Anthracene-d10	17.736	188	239637	28.422	ng/ul	0.00
81) Pyrene-d10	20.015	212	254148	30.013	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.214	264	232467	28.736	ng/ul	0.02
Target Compounds						
					Qvalue	
8) Phenol	7.414	94	3498	1.333	ng/ul#	89
30) Naphthalene	11.139	128	8177	1.293	ng/ul#	90
72) Phenanthrene	17.683	178	33063	3.550	ng/ul	96
80) Fluoranthene	19.680	202	105466	10.777	ng/ul#	92
82) Pyrene	20.044	202	101446	10.529	ng/ul#	87
85) Benzo(a)anthracene	21.942	228	51313	5.303	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.818	149	33515	6.835	ng/ul#	98
87) Chrysene	22.006	228	55577m	5.965	ng/ul	
90) Benzo(b)fluoranthene	24.327	252	68815	6.757	ng/ul	95
91) Benzo(k)fluoranthene	24.397	252	26049m	2.767	ng/ul	
93) Benzo(a)pyrene	25.284	252	43960	4.561	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.479	276	36824m	3.338	ng/ul	
95) Dibenzo(a,h)anthracene	29.502	278	11909m	1.276	ng/ul	
96) Benzo(g,h,i)perylene	30.706	276	32413m	3.494	ng/ul	

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

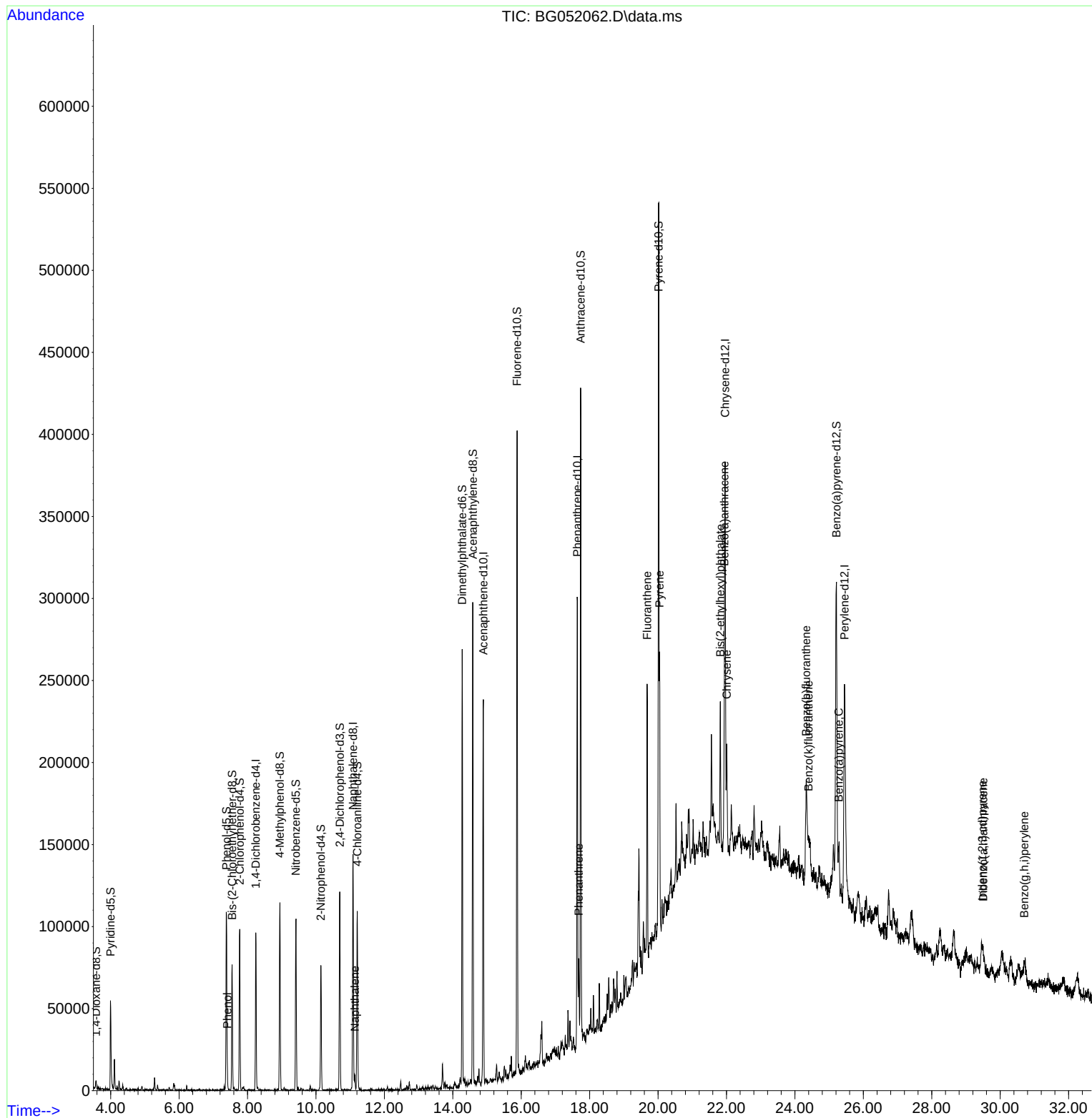
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Data File : BG052062.D
Acq On : 18 Jan 2022 21:13
Operator : CG/JU
Sample : N1100-16RX
Misc :
ALS Vial : 48 Sample Multiplier: 1

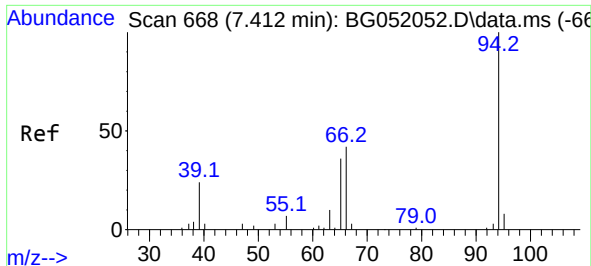
Instrument :
BNA_G
ClientSampleId :
BGLT0RX

Quant Time: Jan 19 05:11:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
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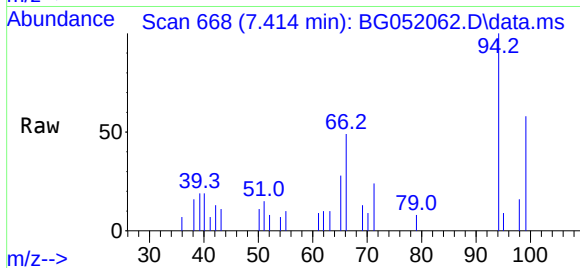
#8
Phenol
Concen: 1.333 ng/ul
RT: 7.414 min Scan# 668
Delta R.T. -0.004 min
Lab File: BG052062.D
Acq: 18 Jan 2022 21:13

Instrument :

BNA_G

ClientSampleId :

BGLT0RX

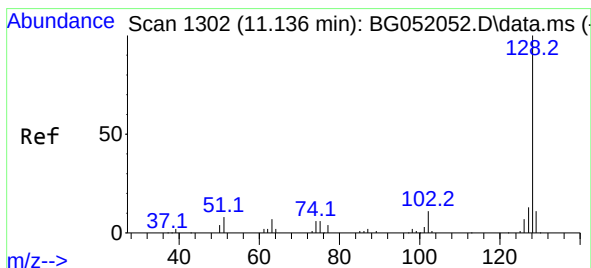
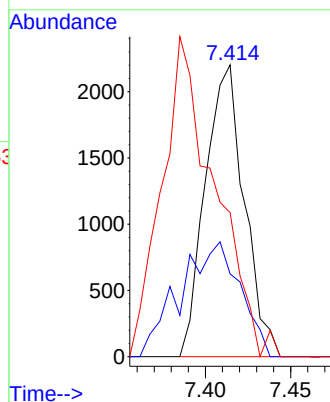
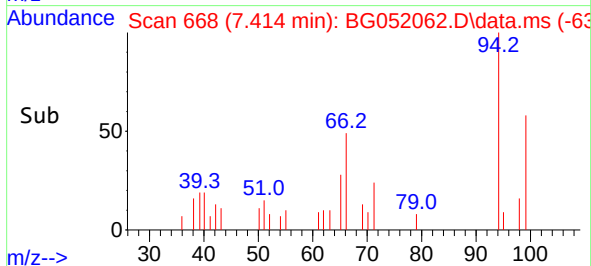


Tgt Ion: 94 Resp: 3498
Ion Ratio Lower Upper
94 100
65 28.4 25.1 37.7
66 49.3 31.6 47.4

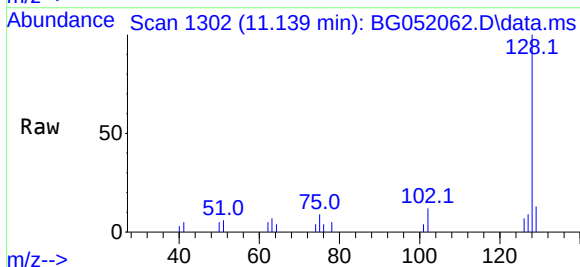
Manual Integrations

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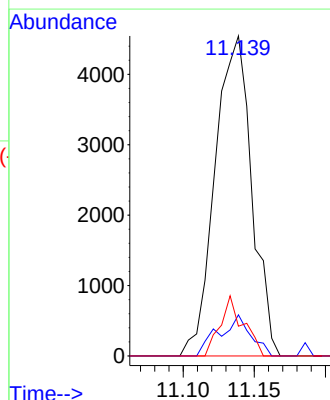
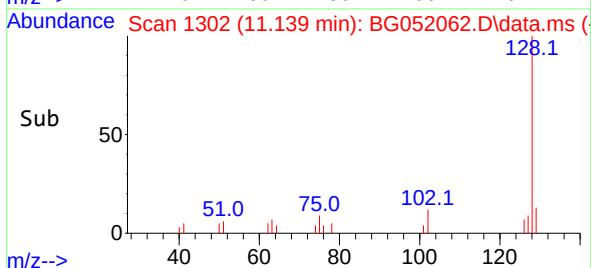
Reviewed By :Jagrut Upadhyay 01/19/2022
Supervised By :mohammad ahmed 01/21/2022

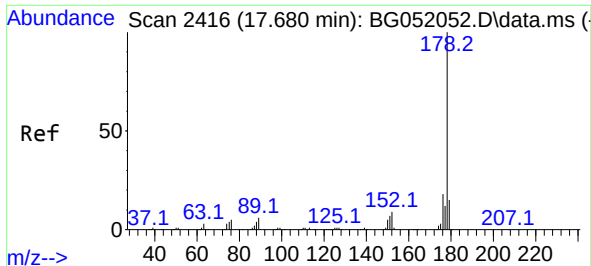


#30
Naphthalene
Concen: 1.293 ng/ul
RT: 11.139 min Scan# 1302
Delta R.T. -0.004 min
Lab File: BG052062.D
Acq: 18 Jan 2022 21:13



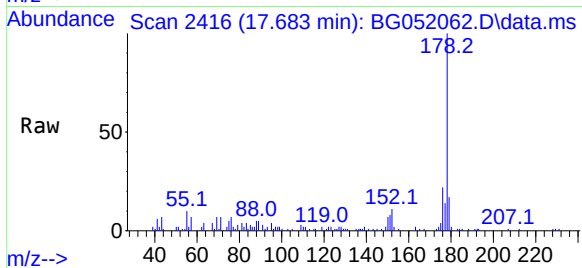
Tgt Ion:128 Resp: 8177
Ion Ratio Lower Upper
128 100
129 12.8 8.5 12.7#
127 9.3 11.8 17.6#





#72
Phenanthrene
Concen: 3.550 ng/ul
RT: 17.683 min Scan# 2416
Delta R.T. 0.002 min
Lab File: BG052062.D
Acq: 18 Jan 2022 21:13

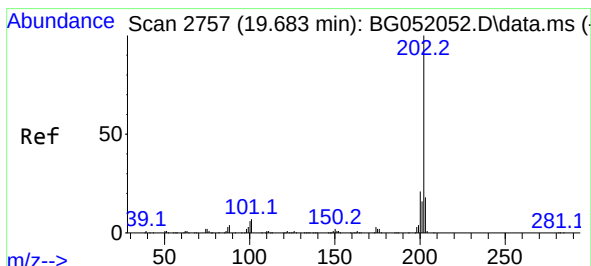
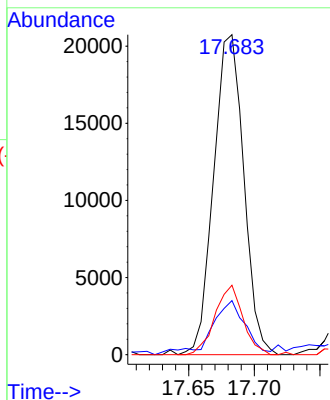
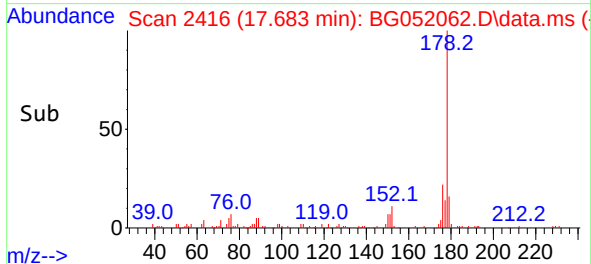
Instrument :
BNA_G
ClientSampleId :
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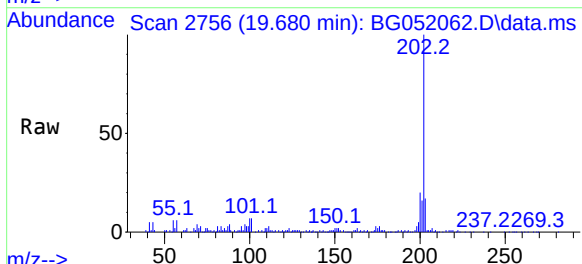
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Ion Ratio Lower Upper
178 100
179 16.9 12.3 18.5
176 21.7 15.5 23.3

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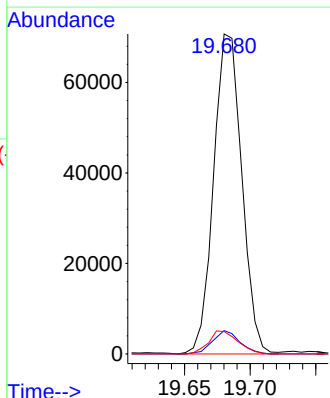
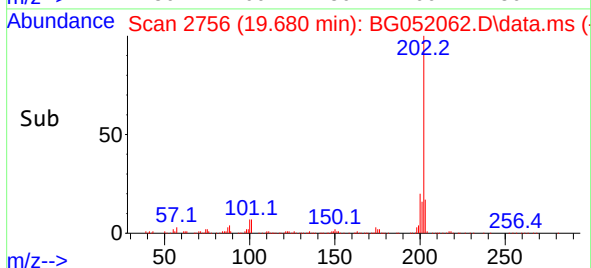
Reviewed By :Jagrut Upadhyay 01/19/2022
Supervised By :mohammad ahmed 01/21/2022

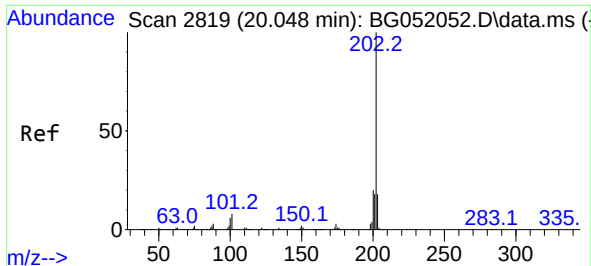


#80
Fluoranthene
Concen: 10.777 ng/ul
RT: 19.680 min Scan# 2756
Delta R.T. 0.002 min
Lab File: BG052062.D
Acq: 18 Jan 2022 21:13



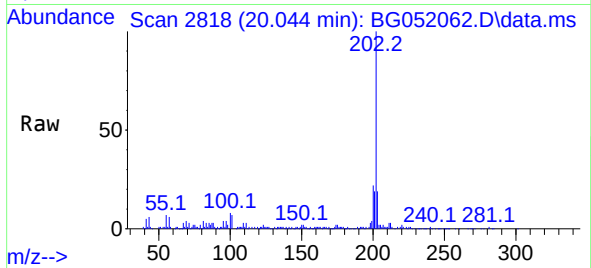
Tgt Ion:202 Resp: 105466
Ion Ratio Lower Upper
202 100
101 7.3 9.3 13.9#
100 7.0 7.0 10.6#





#82
Pyrene
Concen: 10.529 ng/u1
RT: 20.044 min Scan# 2819
Delta R.T. 0.002 min
Lab File: BG052062.D
Acq: 18 Jan 2022 21:13

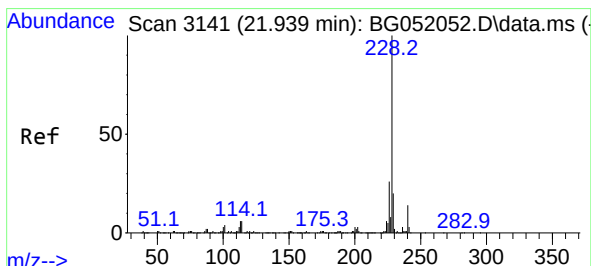
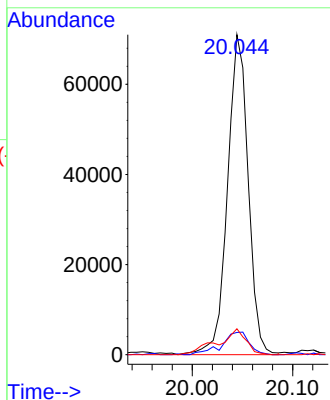
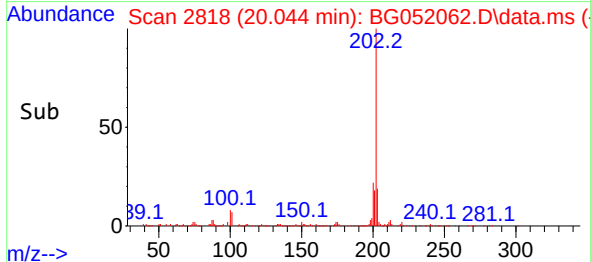
Instrument :
BNA_G
ClientSampleId :
BGLT0RX



Tgt Ion:202 Resp: 101440
Ion Ratio Lower Upper
202 100
101 7.0 10.7 16.1
100 8.1 9.0 13.6

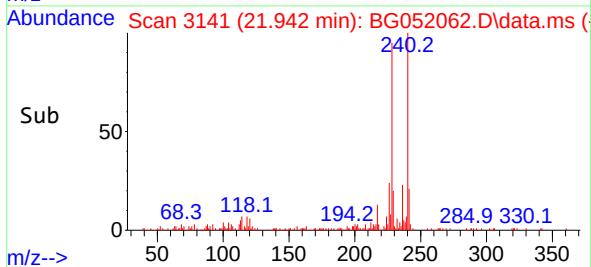
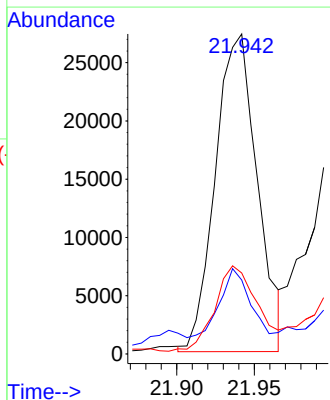
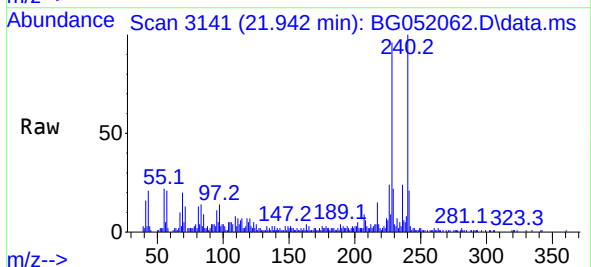
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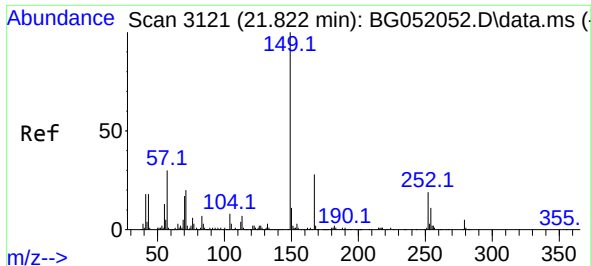
Reviewed By :Jagrut Upadhyay 01/19/2022
Supervised By :mohammad ahmed 01/21/2022



#85
Benzo(a)anthracene
Concen: 5.303 ng/u1
RT: 21.942 min Scan# 3141
Delta R.T. 0.008 min
Lab File: BG052062.D
Acq: 18 Jan 2022 21:13

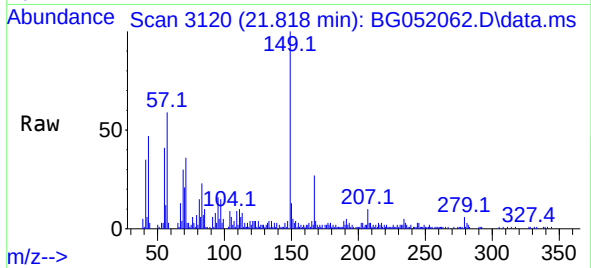
Tgt Ion:228 Resp: 51313
Ion Ratio Lower Upper
228 100
229 23.1 15.7 23.5
226 25.3 22.3 33.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 6.835 ng/ul
RT: 21.818 min Scan# 3120
Delta R.T. 0.002 min
Lab File: BG052062.D
Acq: 18 Jan 2022 21:13

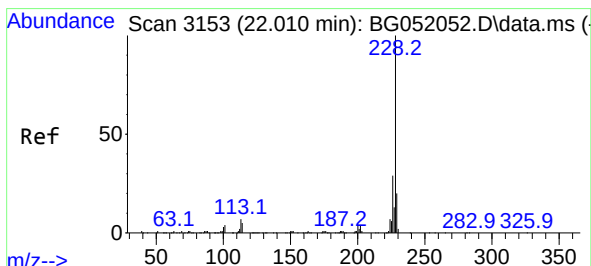
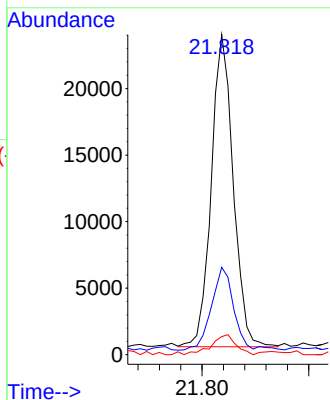
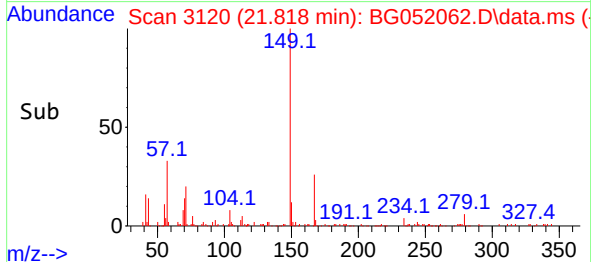
Instrument :
BNA_G
ClientSampleId :
BGLT0RX



Tgt Ion:149 Resp: 3351
Ion Ratio Lower Upper
149 100
167 27.3 21.1 31.7
279 5.7 2.7 4.1

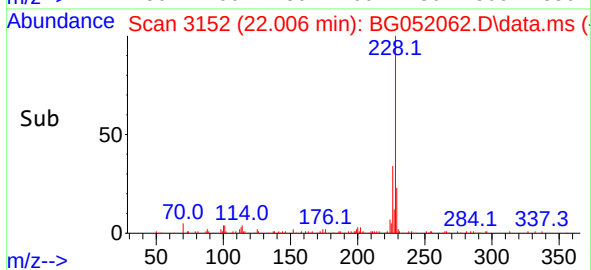
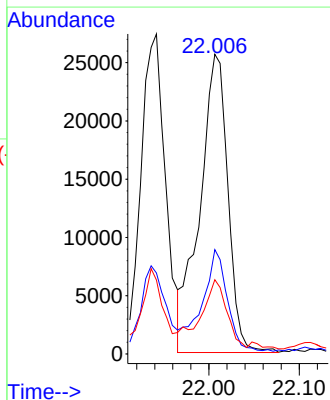
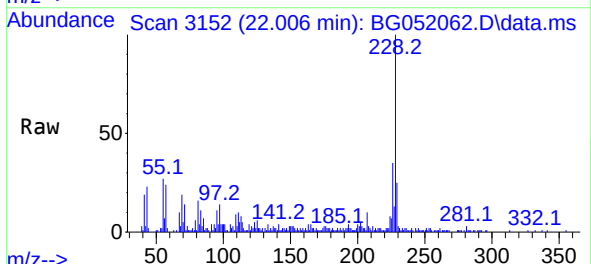
Manual Integrations
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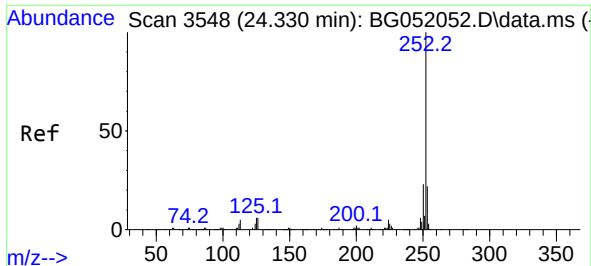
Reviewed By :Jagrut Upadhyay 01/19/2022
Supervised By :mohammad ahmed 01/21/2022



#87
Chrysene
Concen: 5.965 ng/ul m
RT: 22.006 min Scan# 3152
Delta R.T. 0.002 min
Lab File: BG052062.D
Acq: 18 Jan 2022 21:13

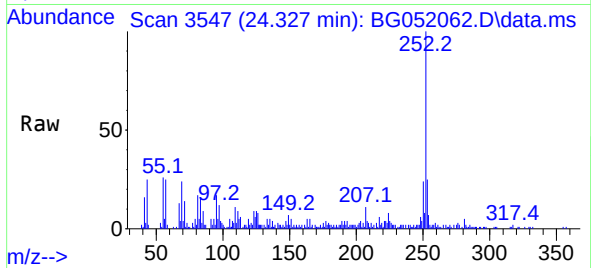
Tgt Ion:228 Resp: 55577
Ion Ratio Lower Upper
228 100
226 34.8 24.8 37.2
229 24.8 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 6.757 ng/ul
RT: 24.327 min Scan# 3547
Delta R.T. 0.002 min
Lab File: BG052062.D
Acq: 18 Jan 2022 21:13

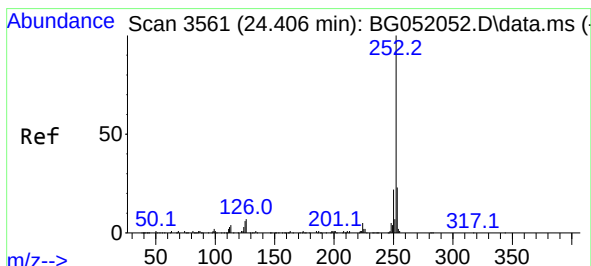
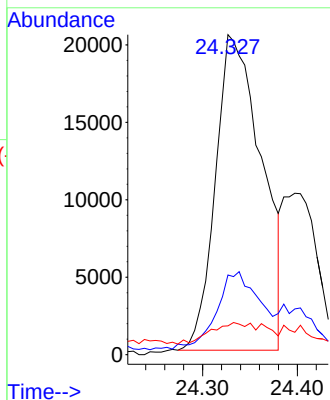
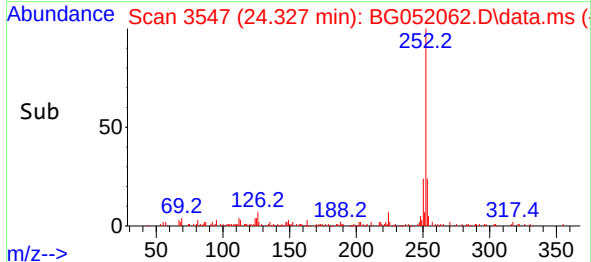
Instrument :
BNA_G
ClientSampleId :
BGLTORX



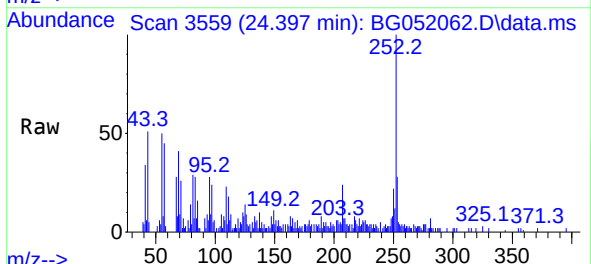
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Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.6
125 9.0 8.5 12.7

Manual Integrations
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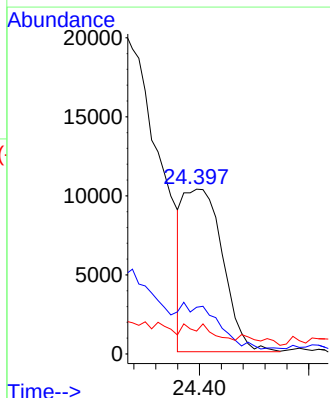
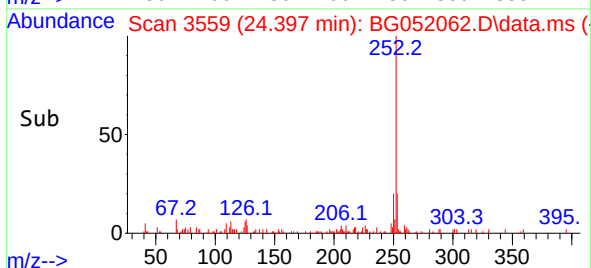
Reviewed By :Jagrut Upadhyay 01/19/2022
Supervised By :mohammad ahmed 01/21/2022

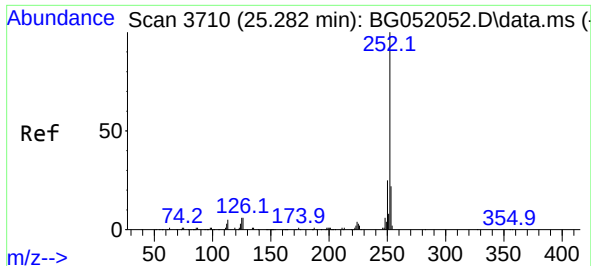


#91
Benzo(k)fluoranthene
Concen: 2.767 ng/ul m
RT: 24.397 min Scan# 3559
Delta R.T. 0.002 min
Lab File: BG052062.D
Acq: 18 Jan 2022 21:13



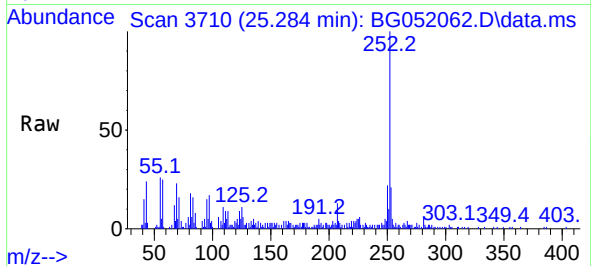
Tgt Ion:252 Resp: 26049
Ion Ratio Lower Upper
252 100
253 28.4 17.3 25.9#
125 13.9 7.8 11.6#





#93
Benzo(a)pyrene
Concen: 4.561 ng/u1
RT: 25.284 min Scan# 3710
Delta R.T. 0.013 min
Lab File: BG052062.D
Acq: 18 Jan 2022 21:13

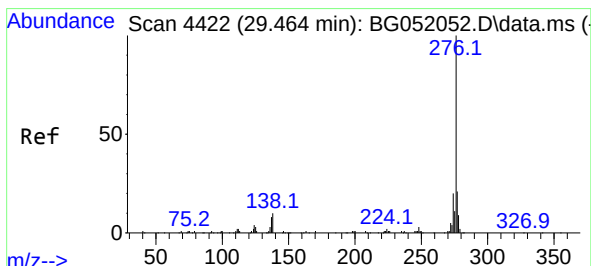
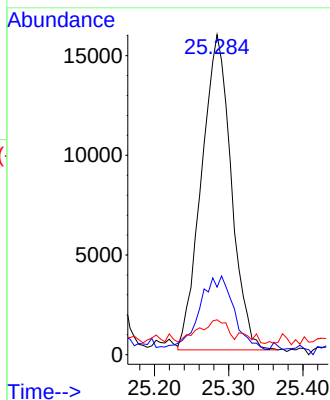
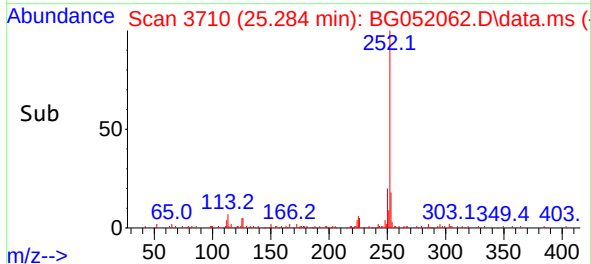
Instrument :
BNA_G
ClientSampleId :
BGLT0RX



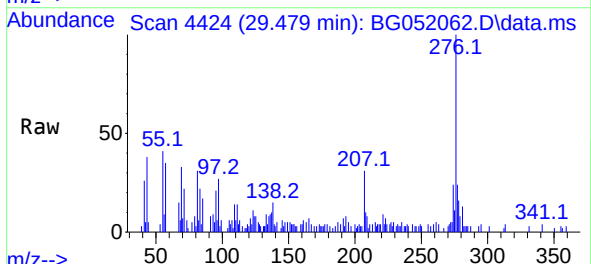
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Ion Ratio Lower Upper
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253 21.1 17.4 26.2
125 10.9 9.1 13.7

Manual Integrations
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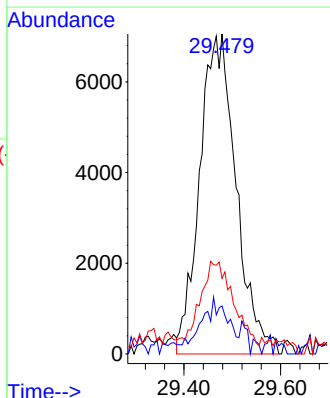
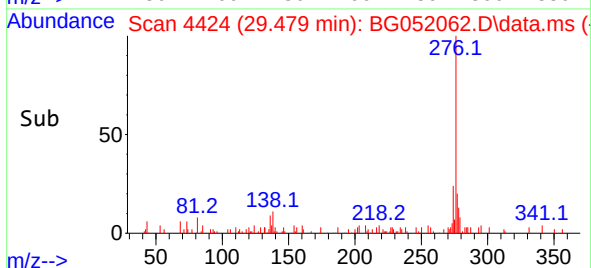
Reviewed By :Jagrut Upadhyay 01/19/2022
Supervised By :mohammad ahmed 01/21/2022

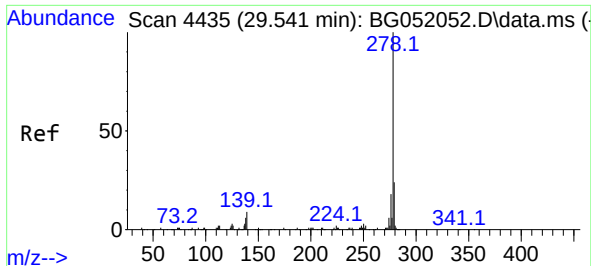


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.338 ng/u1 m
RT: 29.479 min Scan# 4424
Delta R.T. 0.031 min
Lab File: BG052062.D
Acq: 18 Jan 2022 21:13



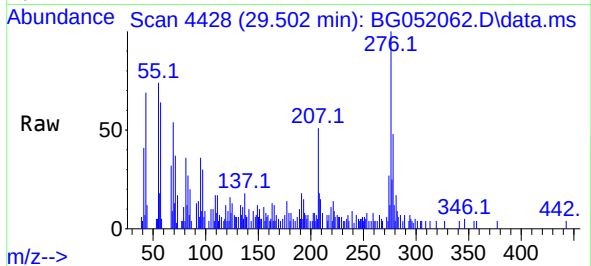
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Ion Ratio Lower Upper
276 100
138 15.0 15.5 23.3#
277 23.6 20.5 30.7





#95
Dibenzo(a,h)anthracene
Concen: 1.276 ng/ul m
RT: 29.502 min Scan# 4435
Delta R.T. -0.010 min
Lab File: BG052062.D
Acq: 18 Jan 2022 21:13

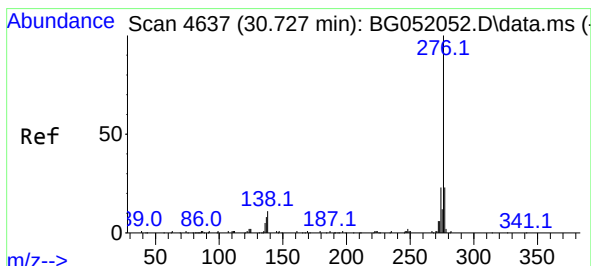
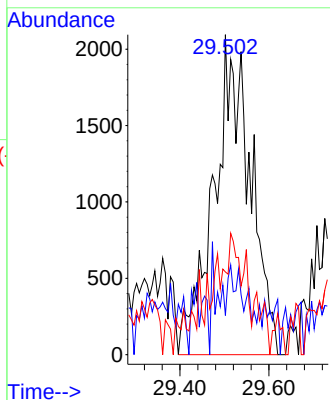
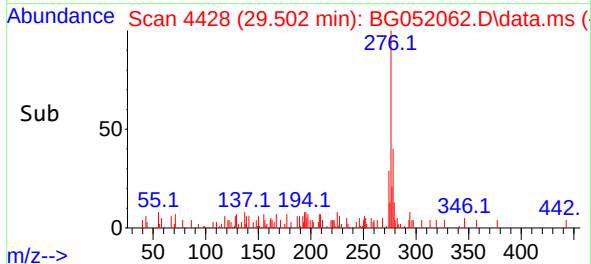
Instrument :
BNA_G
ClientSampleId :
BGLT0RX



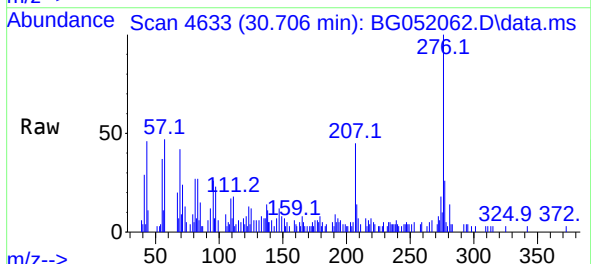
Tgt Ion:278 Resp: 11909
Ion Ratio Lower Upper
278 100
139 12.3 12.2 18.4
279 25.8 19.5 29.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/19/2022
Supervised By :mohammad ahmed 01/21/2022



#96
Benzo(g,h,i)perylene
Concen: 3.494 ng/ul m
RT: 30.706 min Scan# 4633
Delta R.T. 0.008 min
Lab File: BG052062.D
Acq: 18 Jan 2022 21:13



Tgt Ion:276 Resp: 32413
Ion Ratio Lower Upper
276 100
138 11.5 16.6 24.8#
277 25.6 17.6 26.4

