

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
 Data File : BG052009.D
 Acq On : 15 Jan 2022 23:57
 Operator : CG/JU
 Sample : N1100-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLT0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/21/2022

Quant Time: Jan 17 04:04:04 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	27814	20.000	ng/ul	0.00
20) Naphthalene-d8	11.083	136	118045	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.890	164	82631	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.639	188	167994	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.957	240	136690	20.000	ng/ul	# 0.00
88) Perylene-d12	25.452	264	143666	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.576	96	2464	3.166	ng/uL	0.00
4) Pyridine-d5	3.999	84	35682	14.747	ng/ul	0.00
7) Phenol-d5	7.382	99	65087	23.909	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	38562	22.315	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.770	132	43295	24.021	ng/ul	0.00
15) 4-Methylphenol-d8	8.945	113	52596	24.854	ng/ul	0.00
21) Nitrobenzene-d5	9.415	128	24154	25.895	ng/ul	0.00
24) 2-Nitrophenol-d4	10.149	143	21978	21.305	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	46064	22.844	ng/ul	0.00
31) 4-Chloroaniline-d4	11.207	131	59689	21.256	ng/ul	0.00
46) Dimethylphthalate-d6	14.279	166	189190	27.699	ng/ul	0.00
49) Acenaphthylene-d8	14.584	160	238036	28.852	ng/ul	0.00
54) 4-Nitrophenol-d4	15.072	143	139	0.122	ng/ul	0.00
60) Fluorene-d10	15.877	176	164369	27.602	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	59	0.056	ng/ul	0.00
73) Anthracene-d10	17.739	188	247037	30.999	ng/ul	0.00
81) Pyrene-d10	20.018	212	251536	31.975	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.211	264	234386	30.990	ng/ul	0.02
Target Compounds						
					Qvalue	
8) Phenol	7.418	94	4211	1.516	ng/ul#	84
30) Naphthalene	11.136	128	8345	1.305	ng/ul#	96
72) Phenanthrene	17.680	178	32584	3.702	ng/ul#	94
80) Fluoranthene	19.683	202	86612	9.527	ng/ul#	88
82) Pyrene	20.048	202	81293	9.082	ng/ul#	87
85) Benzo(a)anthracene	21.939	228	42819	4.763	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.822	149	16612	3.647	ng/ul#	96
87) Chrysene	22.010	228	46561m	5.379	ng/ul	
90) Benzo(b)fluoranthene	24.336	252	59720	6.272	ng/ul#	88
91) Benzo(k)fluoranthene	24.400	252	16676	1.894	ng/ul#	81
93) Benzo(a)pyrene	25.288	252	36512	4.052	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	29.452	276	27755m	2.691	ng/ul	
95) Dibenzo(a,h)anthracene	29.529	278	9592m	1.099	ng/ul	
96) Benzo(g,h,i)perylene	30.715	276	19526m	2.251	ng/ul	

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

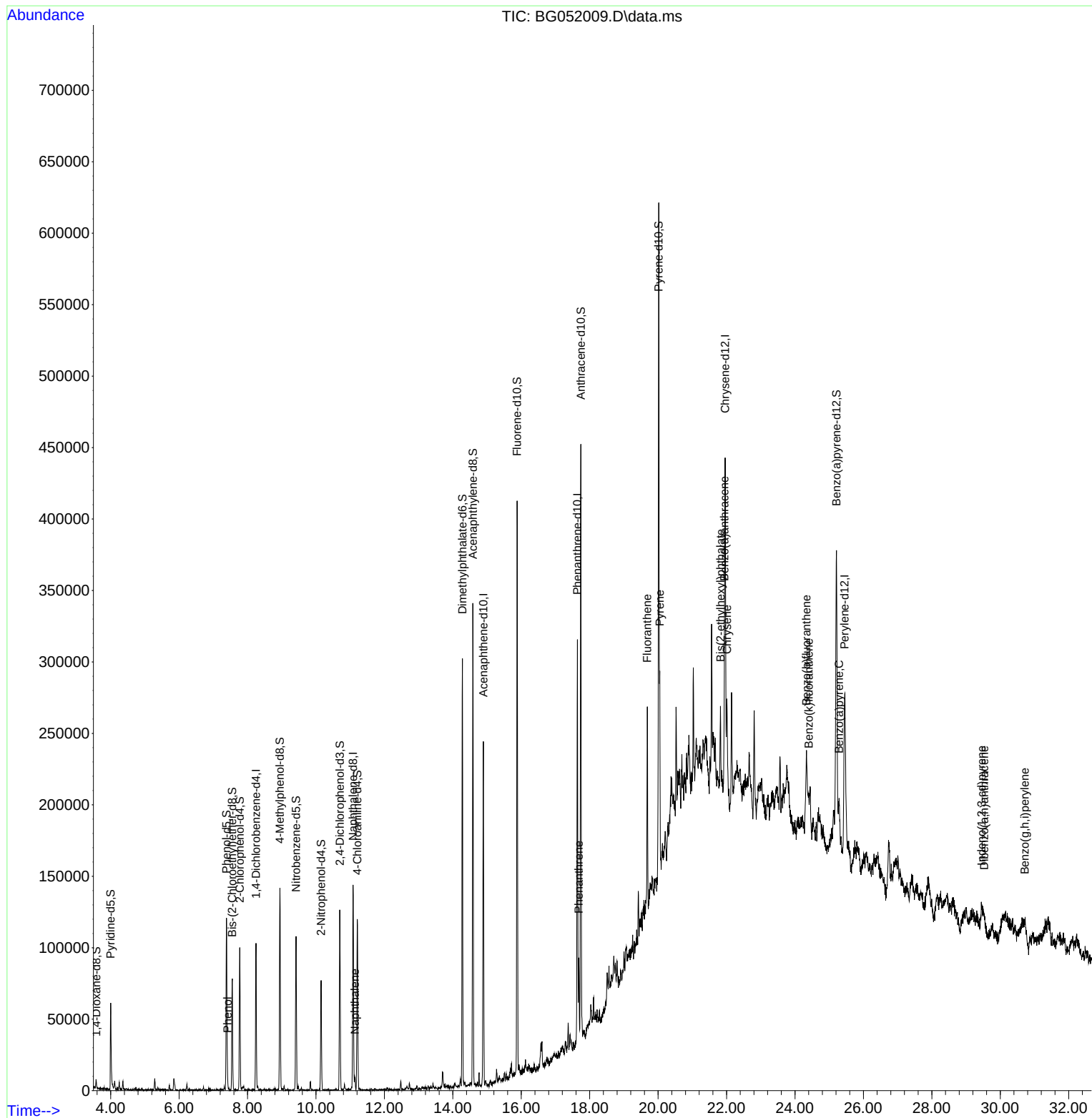
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
 Data File : BG052009.D
 Acq On : 15 Jan 2022 23:57
 Operator : CG/JU
 Sample : N1100-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

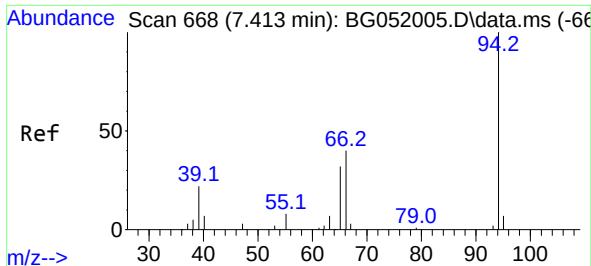
Instrument :
 BNA_G
 ClientSampleId :
 BGLT0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/21/2022

Quant Time: Jan 17 04:04:04 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





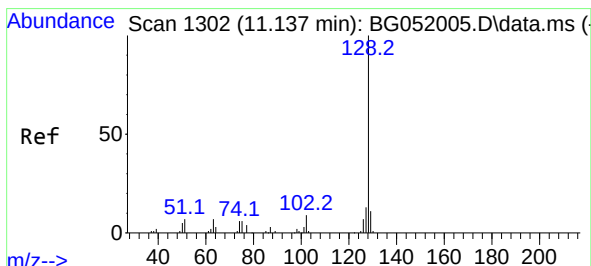
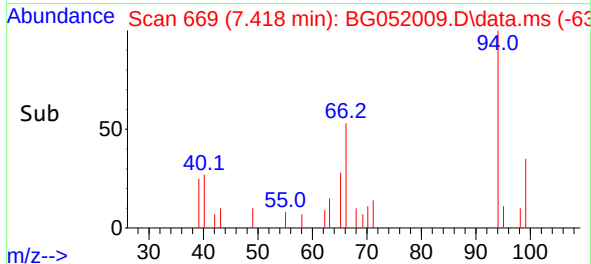
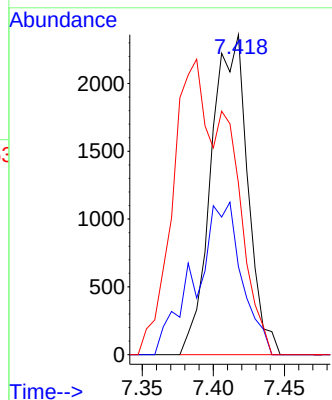
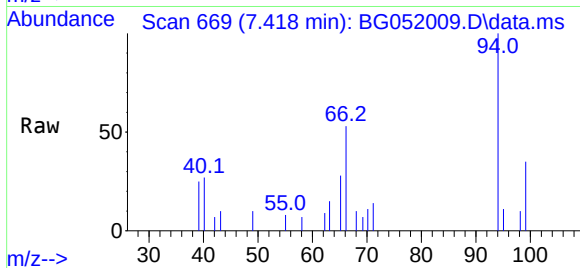
#8
Phenol
Concen: 1.516 ng/ul
RT: 7.418 min Scan# 668
Delta R.T. -0.001 min
Lab File: BG052009.D
Acq: 15 Jan 2022 23:57

Instrument :
BNA_G
ClientSampleId :
BGLT0

Tgt Ion: 94 Resp: 421
Ion Ratio Lower Upper
94 100
65 27.5 25.1 37.7
66 53.5 31.6 47.4

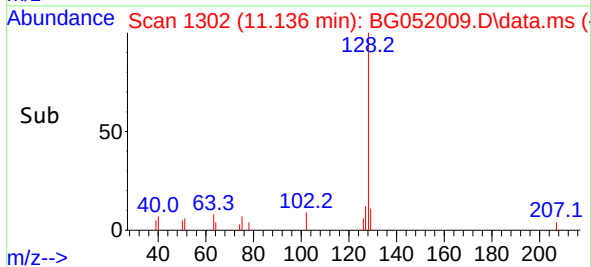
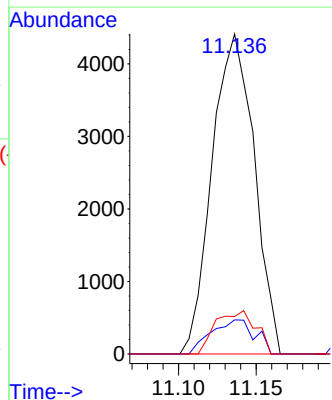
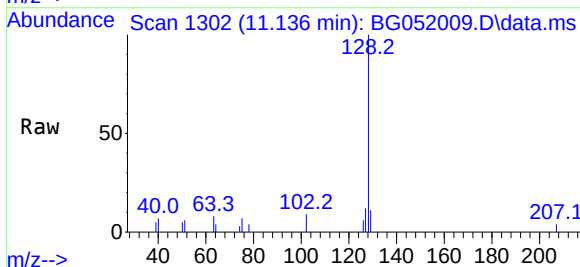
Manual Integrations
APPROVED

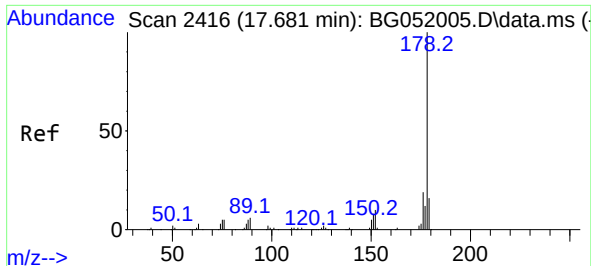
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022



#30
Naphthalene
Concen: 1.305 ng/ul
RT: 11.136 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG052009.D
Acq: 15 Jan 2022 23:57

Tgt Ion:128 Resp: 8345
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 11.7 11.8 17.6





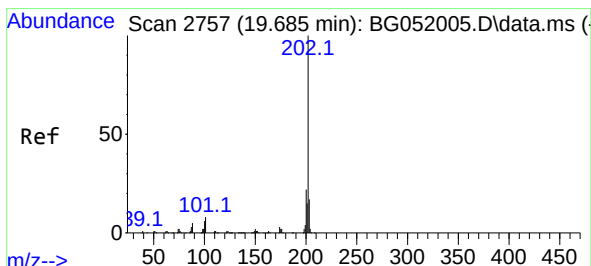
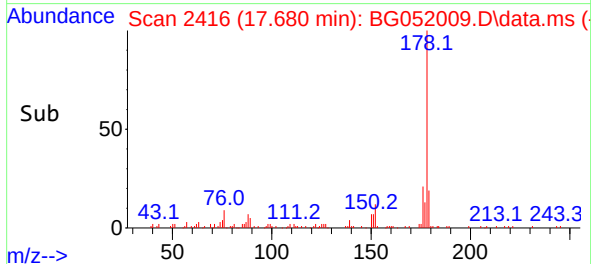
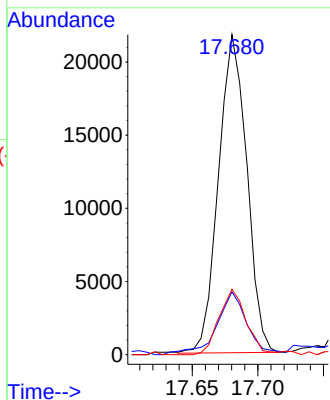
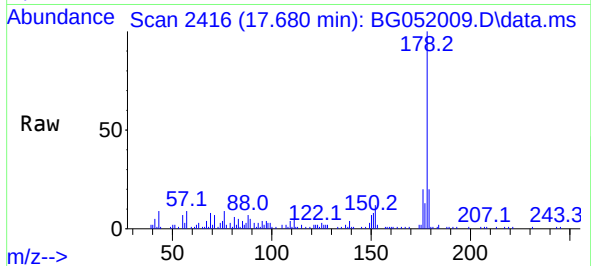
#72
Phenanthrene
Concen: 3.702 ng/u1
RT: 17.680 min Scan# 2416
Delta R.T. -0.001 min
Lab File: BG052009.D
Acq: 15 Jan 2022 23:57

Instrument :
BNA_G
ClientSampleId :
BGLT0

Tgt Ion:178 Resp: 32584
Ion Ratio Lower Upper
178 100
179 19.7 12.3 18.5#
176 20.5 15.5 23.3#

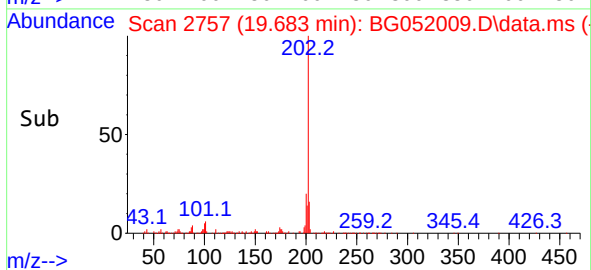
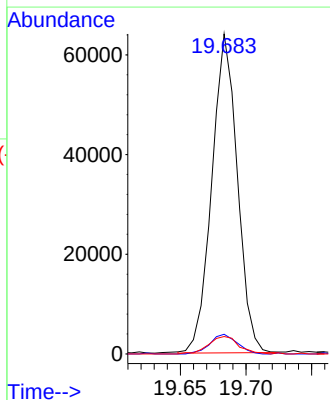
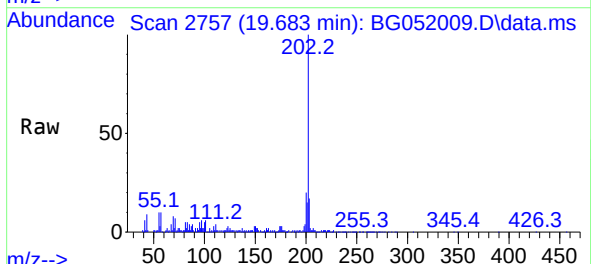
Manual Integrations
APPROVED

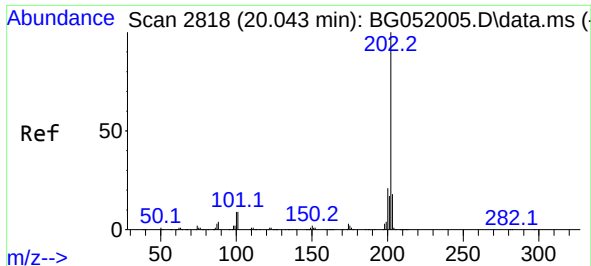
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022



#80
Fluoranthene
Concen: 9.527 ng/u1
RT: 19.683 min Scan# 2757
Delta R.T. 0.005 min
Lab File: BG052009.D
Acq: 15 Jan 2022 23:57

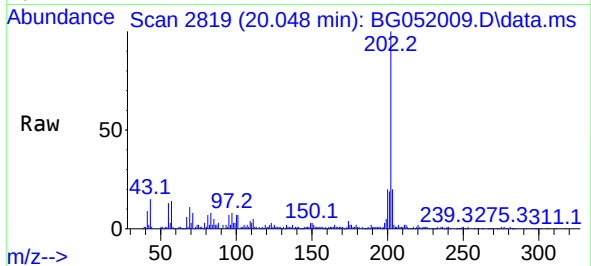
Tgt Ion:202 Resp: 86612
Ion Ratio Lower Upper
202 100
101 6.1 9.3 13.9#
100 5.4 7.0 10.6#





#82
Pyrene
Concen: 9.082 ng/ul
RT: 20.048 min Scan# 2009
Delta R.T. 0.005 min
Lab File: BG052009.D
Acq: 15 Jan 2022 23:57

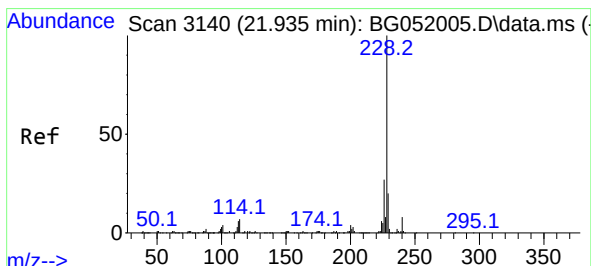
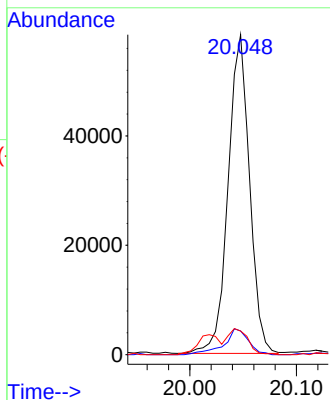
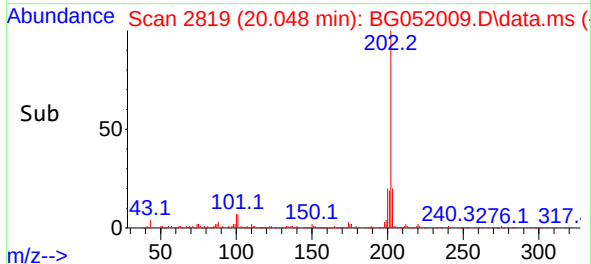
Instrument :
BNA_G
ClientSampleId :
BGLT0



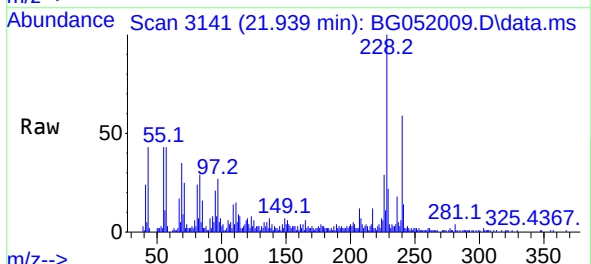
Tgt Ion:202 Resp: 8129
Ion Ratio Lower Upper
202 100
101 7.4 10.7 16.1
100 7.4 9.0 13.6

Manual Integrations
APPROVED

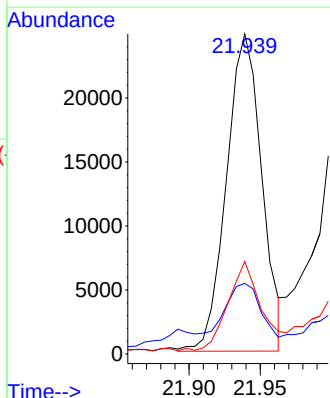
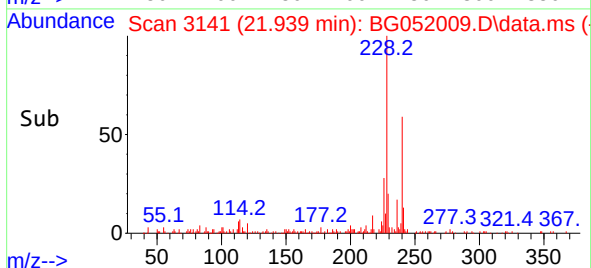
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022

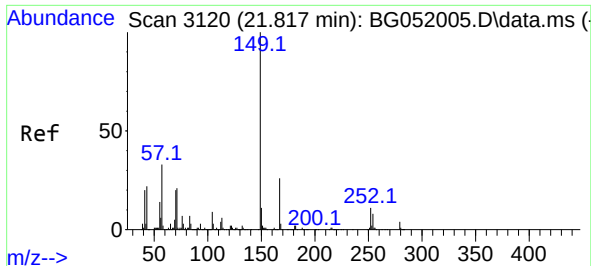


#85
Benzo(a)anthracene
Concen: 4.763 ng/ul
RT: 21.939 min Scan# 3141
Delta R.T. 0.005 min
Lab File: BG052009.D
Acq: 15 Jan 2022 23:57



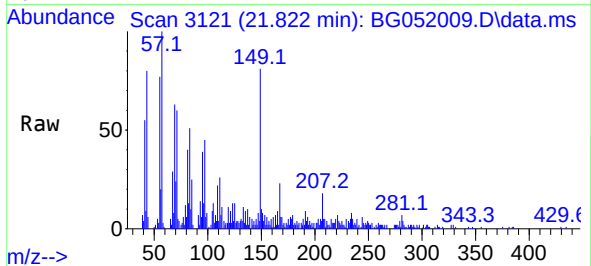
Tgt Ion:228 Resp: 42819
Ion Ratio Lower Upper
228 100
229 22.1 15.7 23.5
226 28.9 22.3 33.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.647 ng/ul
RT: 21.822 min Scan# 3121
Delta R.T. 0.005 min
Lab File: BG052009.D
Acq: 15 Jan 2022 23:57

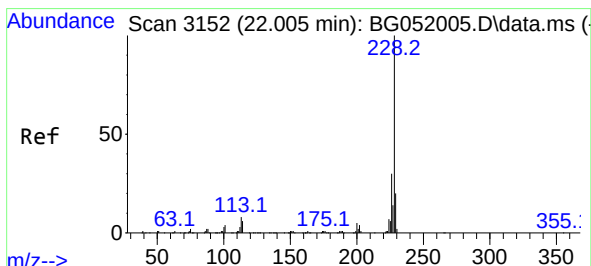
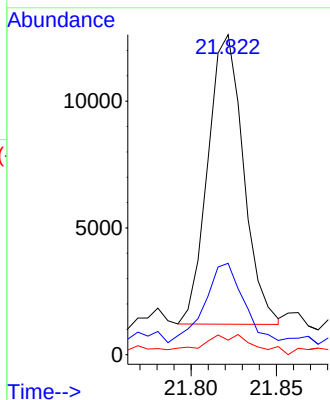
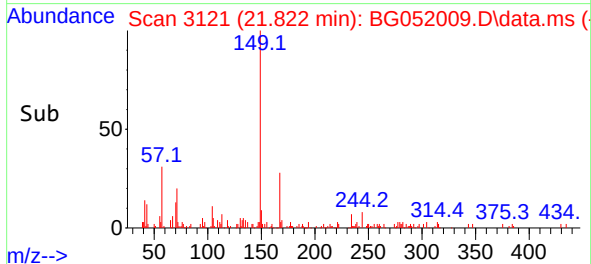
Instrument :
BNA_G
ClientSampleId :
BGLT0



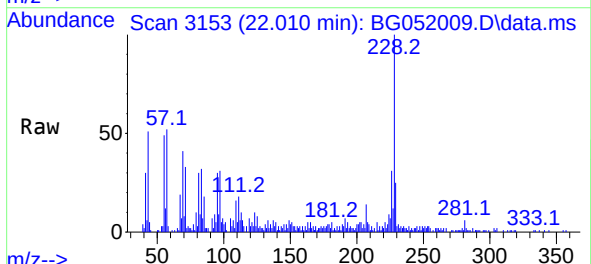
Tgt Ion:149 Resp: 1661
Ion Ratio Lower Upper
149 100
167 28.6 21.1 31.7
279 4.5 2.7 4.1

Manual Integrations
APPROVED

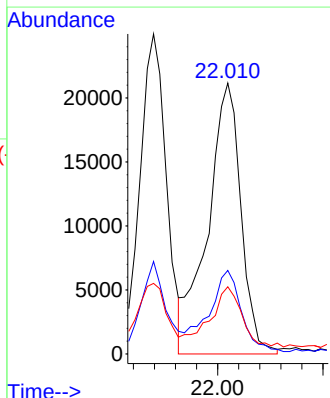
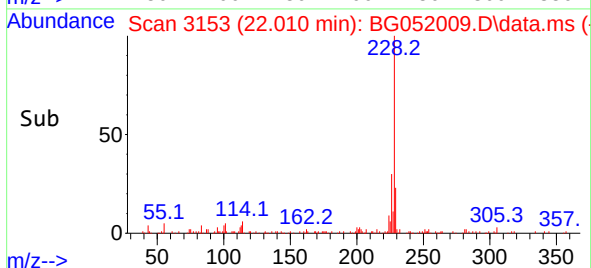
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022

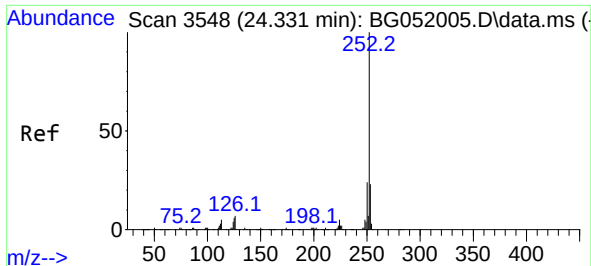


#87
Chrysene
Concen: 5.379 ng/ul m
RT: 22.010 min Scan# 3153
Delta R.T. 0.005 min
Lab File: BG052009.D
Acq: 15 Jan 2022 23:57



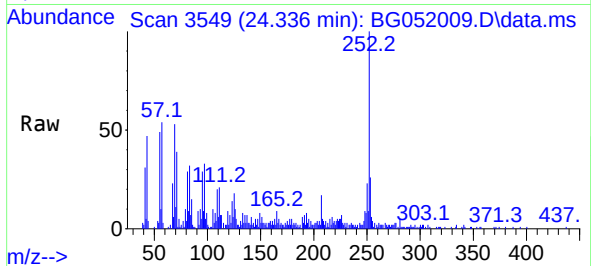
Tgt Ion:228 Resp: 46561
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 24.8 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 6.272 ng/ul
RT: 24.336 min Scan# 3548
Delta R.T. 0.011 min
Lab File: BG052009.D
Acq: 15 Jan 2022 23:57

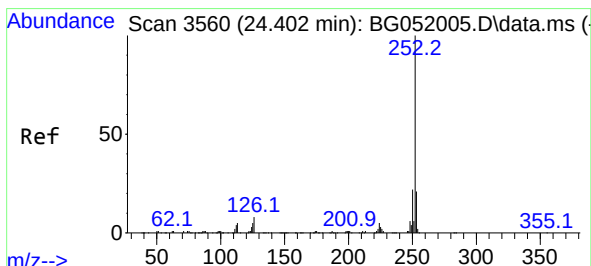
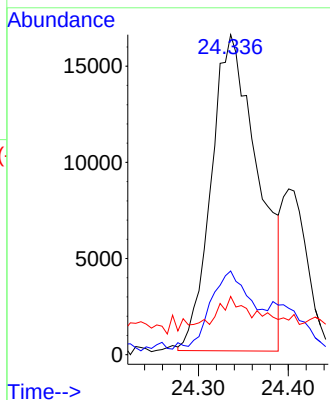
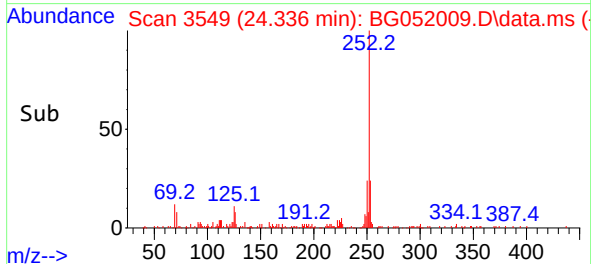
Instrument :
BNA_G
ClientSampleId :
BGLT0



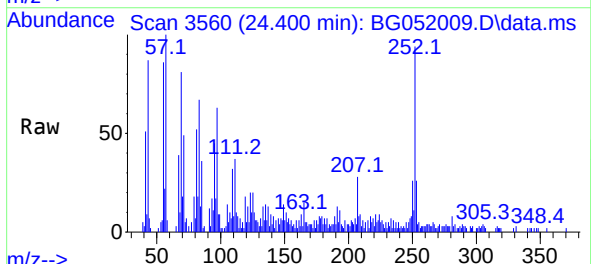
Tgt Ion:252 Resp: 59720
Ion Ratio Lower Upper
252 100
253 26.2 17.8 26.6
125 18.2 8.5 12.7

Manual Integrations
APPROVED

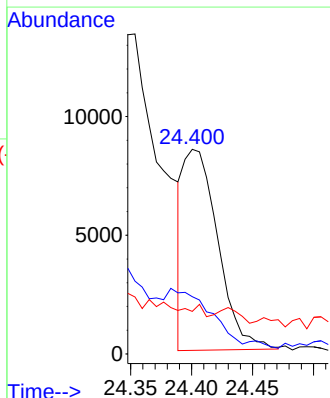
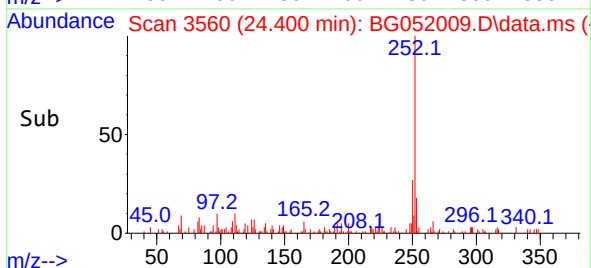
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022

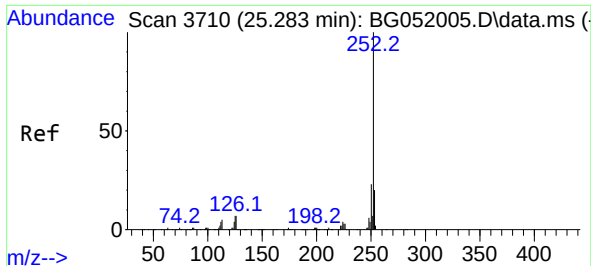


#91
Benzo(k)fluoranthene
Concen: 1.894 ng/ul
RT: 24.400 min Scan# 3560
Delta R.T. 0.005 min
Lab File: BG052009.D
Acq: 15 Jan 2022 23:57



Tgt Ion:252 Resp: 16676
Ion Ratio Lower Upper
252 100
253 28.0 17.3 25.9#
125 20.8 7.8 11.6#





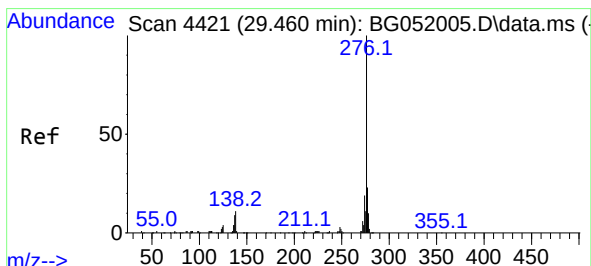
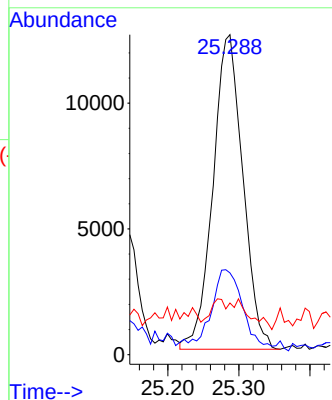
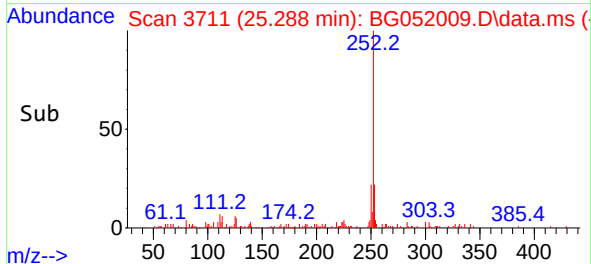
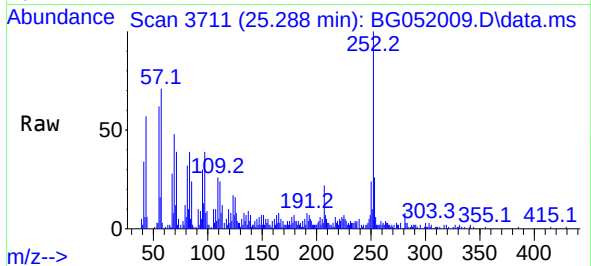
#93
Benzo(a)pyrene
Concen: 4.052 ng/ul
RT: 25.288 min Scan# 31
Delta R.T. 0.017 min
Lab File: BG052009.D
Acq: 15 Jan 2022 23:57

Instrument :
BNA_G
ClientSampleId :
BGLT0

Tgt Ion:252 Resp: 3651
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.2
125 16.2 9.1 13.7

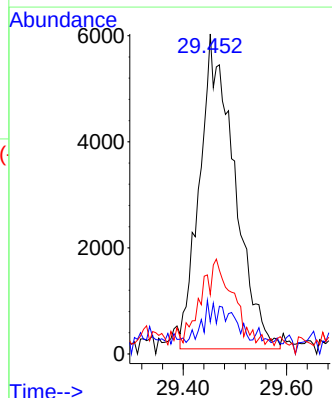
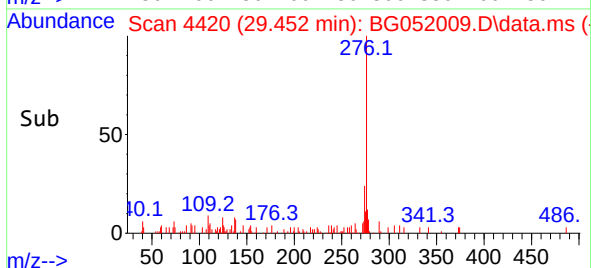
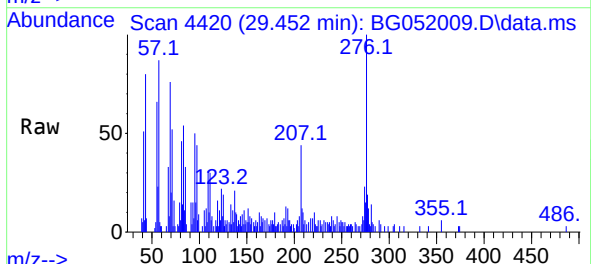
Manual Integrations
APPROVED

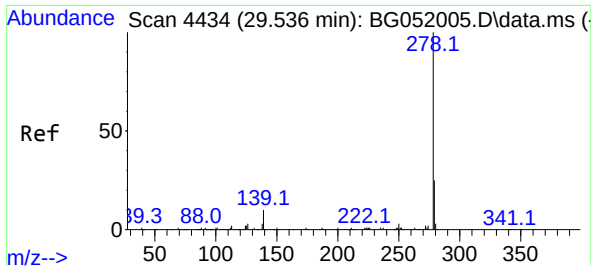
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.691 ng/ul m
RT: 29.452 min Scan# 4420
Delta R.T. 0.005 min
Lab File: BG052009.D
Acq: 15 Jan 2022 23:57

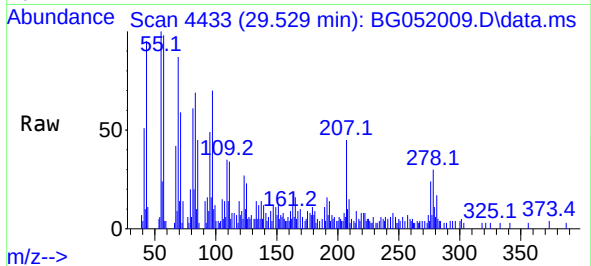
Tgt Ion:276 Resp: 27755
Ion Ratio Lower Upper
276 100
138 10.0 15.5 23.3#
277 18.6 20.5 30.7#





#95
Dibenzo(a,h)anthracene
Concen: 1.099 ng/ul m
RT: 29.529 min Scan# 4434
Delta R.T. 0.017 min
Lab File: BG052009.D
Acq: 15 Jan 2022 23:57

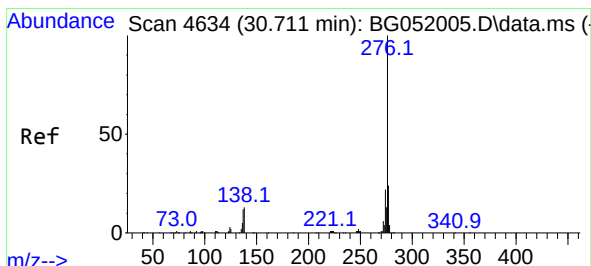
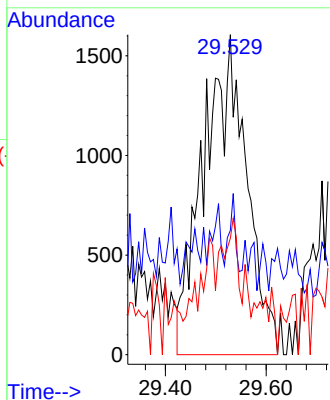
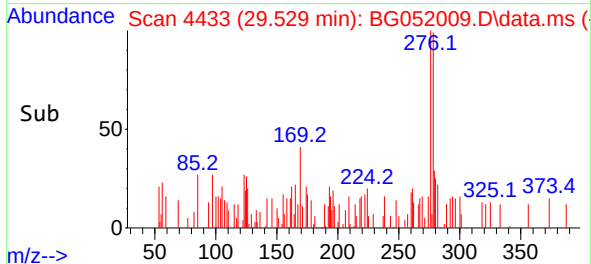
Instrument :
BNA_G
ClientSampleId :
BGLT0



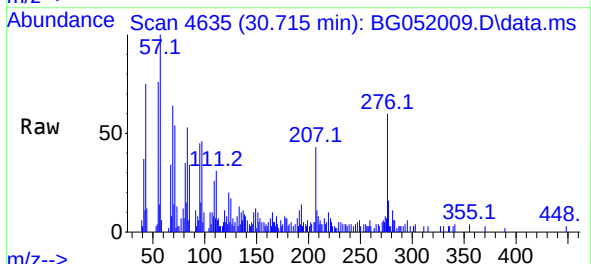
Tgt Ion:278 Resp: 9592
Ion Ratio Lower Upper
278 100
139 38.9 12.2 18.4#
279 36.4 19.5 29.3#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022



#96
Benzo(g,h,i)perylene
Concen: 2.251 ng/ul m
RT: 30.715 min Scan# 4635
Delta R.T. 0.017 min
Lab File: BG052009.D
Acq: 15 Jan 2022 23:57



Tgt Ion:276 Resp: 19526
Ion Ratio Lower Upper
276 100
138 15.7 16.6 24.8#
277 27.2 17.6 26.4#

