

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
 Data File : BG051980.D
 Acq On : 14 Jan 2022 17:22
 Operator : CG/JU
 Sample : N1100-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLT0

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

01/17/2022
 Supervised By :mohammad
 ahmed

Quant Time: Jan 17 00:19:11 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	8.252	152	20805	20.000	ng/u1	0.00
20) Naphthalene-d8	11.089	136	95364	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.896	164	75364	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.645	188	149047	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.969	240	136761	20.000	ng/u1	# 0.01
88) Perylene-d12	25.464	264	146828	20.000	ng/u1	0.02

01/18/2022

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.570	96	2094	3.596	ng/uL	0.00
4) Pyridine-d5	3.999	84	28478	15.734	ng/u1	0.00
7) Phenol-d5	7.388	99	51116	25.103	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	29231	22.614	ng/u1	0.00
11) 2-Chlorophenol-d4	7.776	132	33407	24.779	ng/u1	0.00
15) 4-Methylphenol-d8	8.951	113	43428	27.436	ng/u1	0.00
21) Nitrobenzene-d5	9.415	128	18918	25.105	ng/u1	0.00
24) 2-Nitrophenol-d4	10.149	143	17541	21.048	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.701	165	38387	23.565	ng/u1	0.00
31) 4-Chloroaniline-d4	11.213	131	52636	23.202	ng/u1	0.00
46) Dimethylphthalate-d6	14.279	166	165081	26.500	ng/u1	0.00
49) Acenaphthylene-d8	14.590	160	210865	28.023	ng/u1	0.00
54) 4-Nitrophenol-d4	15.090	143	228	0.219	ng/u1	0.02
60) Fluorene-d10	15.883	176	150012	27.620	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.745	188	216815	30.665	ng/u1	0.00
81) Pyrene-d10	20.024	212	238433	30.293	ng/u1	0.01
92) Benzo(a)pyrene-d12	25.223	264	235569	30.476	ng/u1	0.03

Target Compounds

					Qvalue	
8) Phenol	7.418	94	3775	1.816	ng/u1#	86
30) Naphthalene	11.142	128	7325	1.417	ng/u1	95
72) Phenanthrene	17.686	178	29102	3.726	ng/u1#	92
80) Fluoranthene	19.689	202	79966	8.792	ng/u1#	90
82) Pyrene	20.053	202	79102	8.833	ng/u1#	86
85) Benzo(a)anthracene	21.945	228	42601	4.737	ng/u1	92
86) Bis(2-ethylhexyl)phtha...	21.828	149	17886	3.924	ng/u1#	85
87) Chrysene	22.016	228	44617m	5.152	ng/u1	
90) Benzo(b)fluoranthene	24.354	252	56390	5.795	ng/u1#	69
91) Benzo(k)fluoranthene	24.412	252	16446	1.828	ng/u1#	48
93) Benzo(a)pyrene	25.293	252	36556	3.970	ng/u1#	76
94) Indeno(1,2,3-cd)pyrene	29.476	276	25911m	2.458	ng/u1	
95) Dibenzo(a,h)anthracene	29.558	278	9546m	1.071	ng/u1	
96) Benzo(g,h,i)perylene	30.745	276	18293m	2.064	ng/u1	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051980.D
Acq On : 14 Jan 2022 17:22
Operator : CG/JU
Sample : N1100-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGLT0

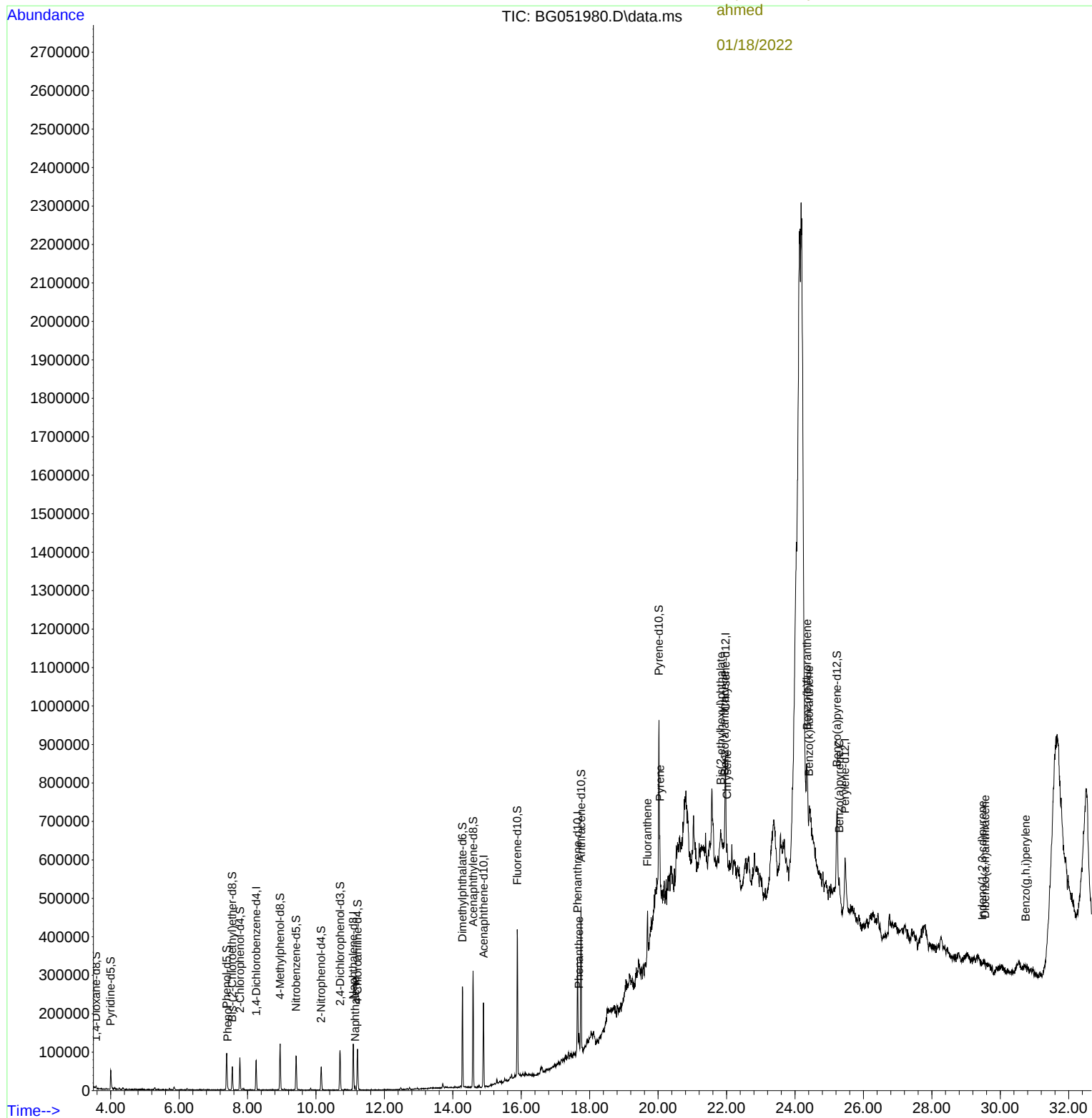
Quant Time: Jan 17 00:19:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

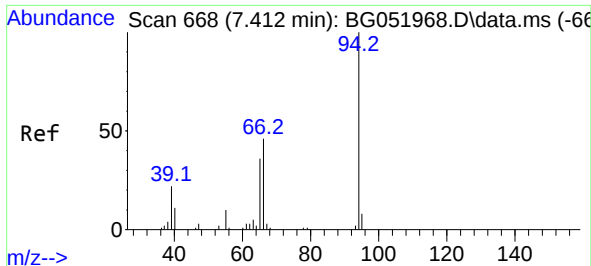
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

01/17/2022
Supervised By :mohammad
ahmed

01/18/2022





#8
Phenol
Concen: 1.816 ng/ul
RT: 7.418 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG051980.D
Acq: 14 Jan 2022 17:22

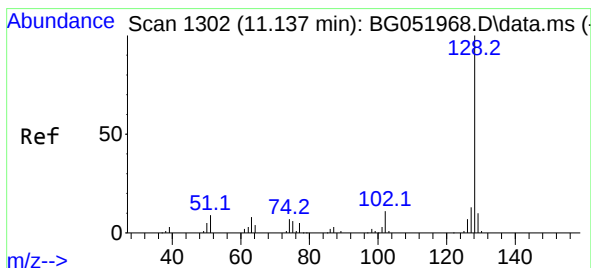
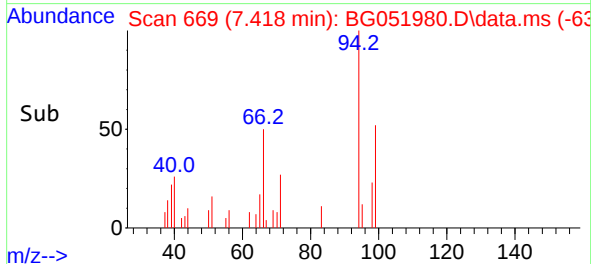
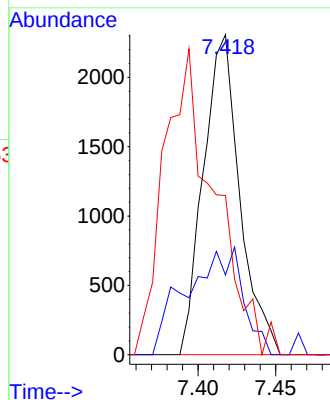
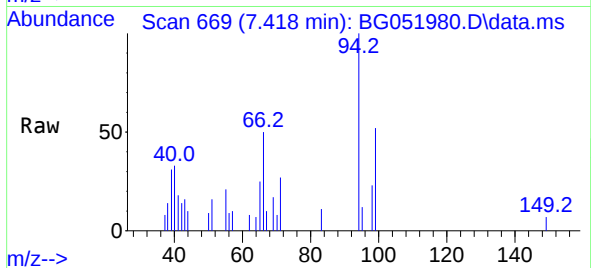
Instrument :
BNA_G
ClientSampleId :
BGLT0

Tgt Ion: 94 Resp: 3775

Ion	Ratio	Lower	Upper
94	100		
65	24.9	25.1	37.7
66	49.7	31.6	47.4

Manual Integrations
APPROVED

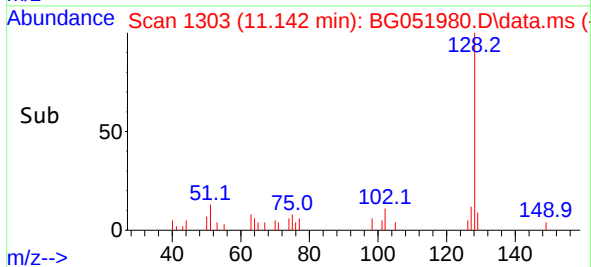
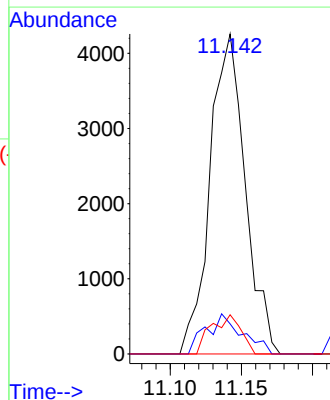
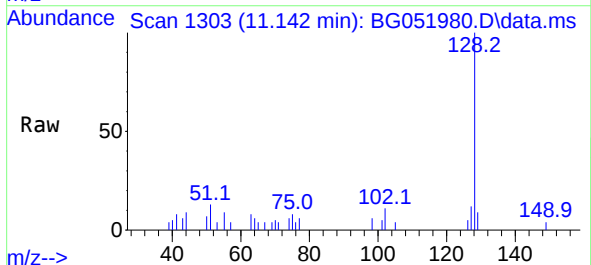
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022

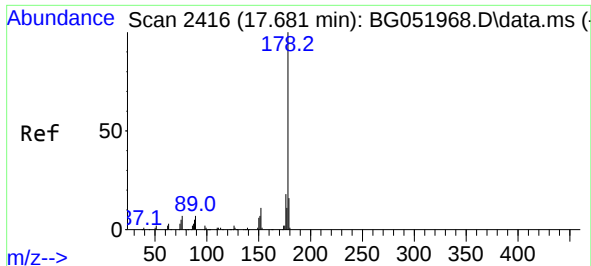


#30
Naphthalene
Concen: 1.417 ng/ul
RT: 11.142 min Scan# 1303
Delta R.T. -0.001 min
Lab File: BG051980.D
Acq: 14 Jan 2022 17:22

Tgt Ion:128 Resp: 7325

Ion	Ratio	Lower	Upper
128	100		
129	9.4	8.5	12.7
127	12.3	11.8	17.6





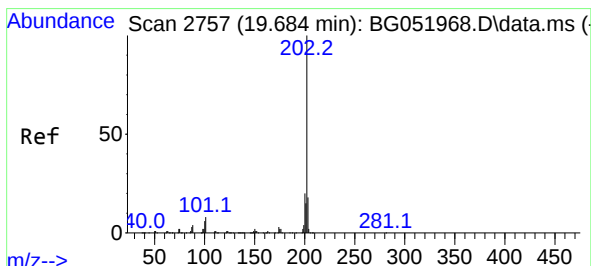
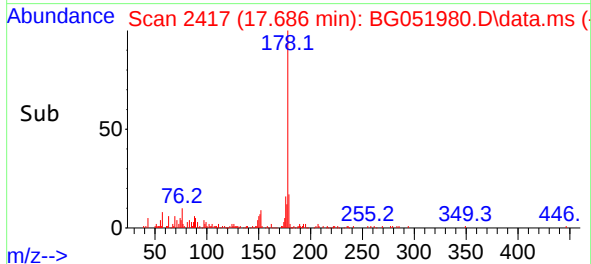
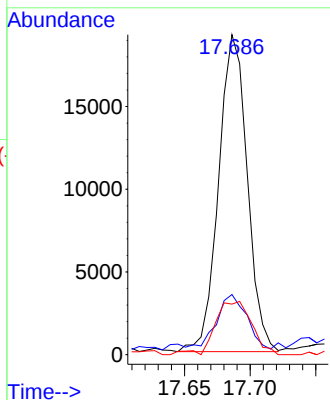
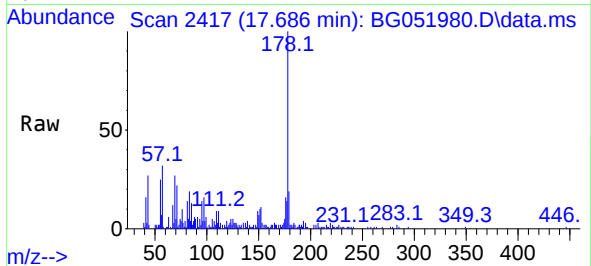
#72
Phenanthrene
Concen: 3.726 ng/u1
RT: 17.686 min Scan# 2417
Delta R.T. 0.005 min
Lab File: BG051980.D
Acq: 14 Jan 2022 17:22

Instrument :
BNA_G
ClientSampleId :
BGLT0

Tgt Ion:178 Resp: 2910
Ion Ratio Lower Upper
178 100
179 18.8 12.3 18.5
176 15.8 15.5 23.3

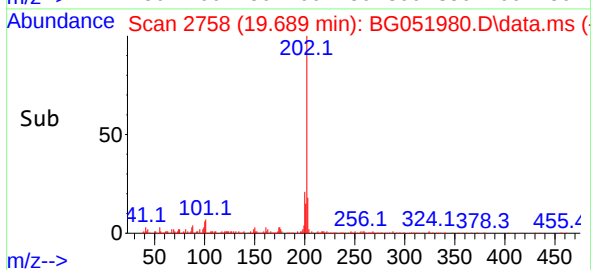
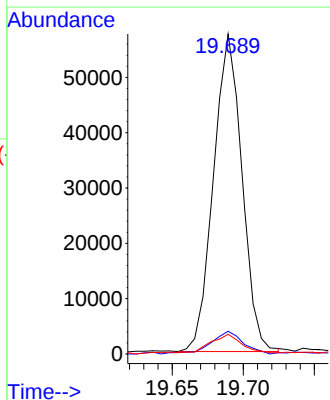
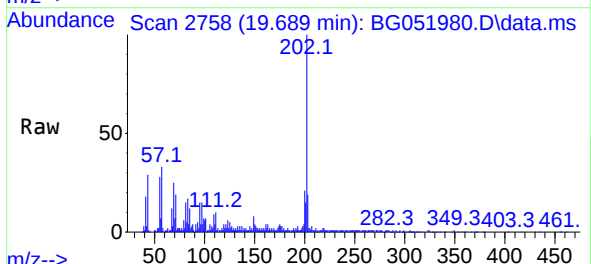
Manual Integrations
APPROVED

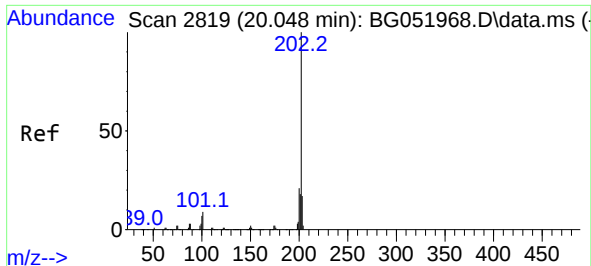
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#80
Fluoranthene
Concen: 8.792 ng/u1
RT: 19.689 min Scan# 2758
Delta R.T. 0.011 min
Lab File: BG051980.D
Acq: 14 Jan 2022 17:22

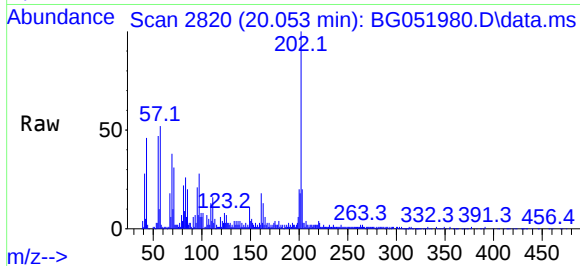
Tgt Ion:202 Resp: 79966
Ion Ratio Lower Upper
202 100
101 7.1 9.3 13.9#
100 6.2 7.0 10.6#





#82
Pyrene
Concen: 8.833 ng/u1
RT: 20.053 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG051980.D
Acq: 14 Jan 2022 17:22

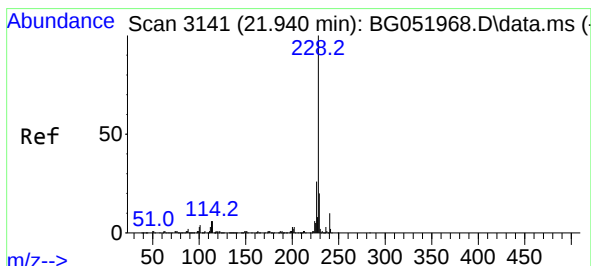
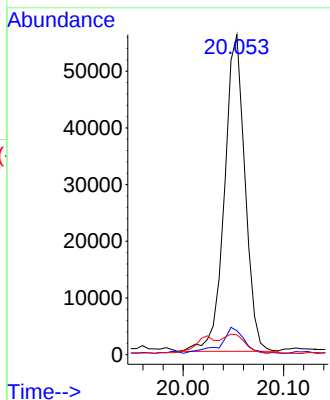
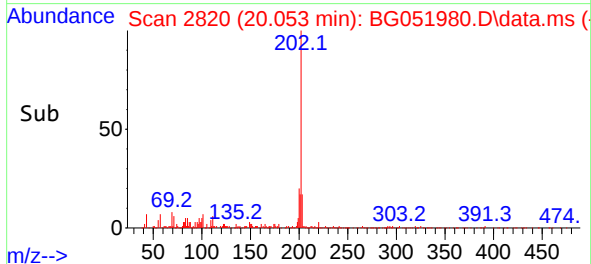
Instrument :
BNA_G
ClientSampleId :
BGLT0



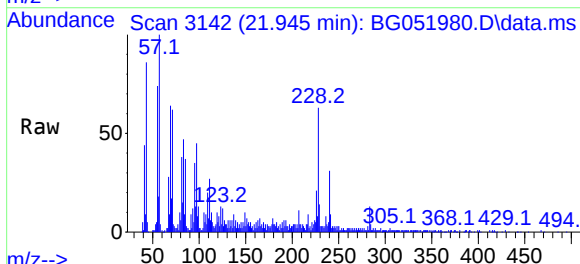
Tgt Ion:202 Resp: 7910
Ion Ratio Lower Upper
202 100
101 7.5 10.7 16.1
100 6.2 9.0 13.6

Manual Integrations
APPROVED

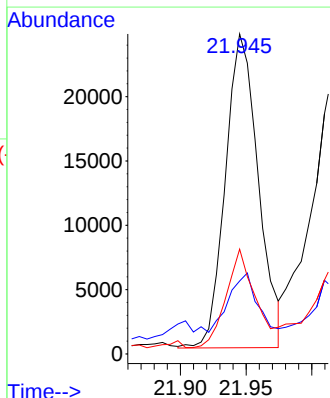
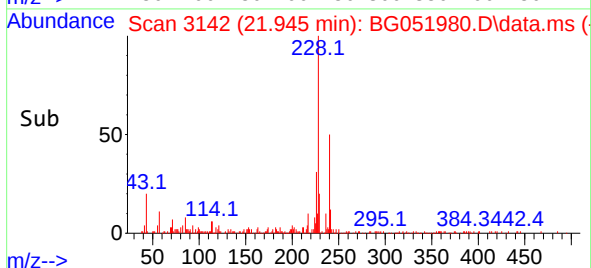
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022

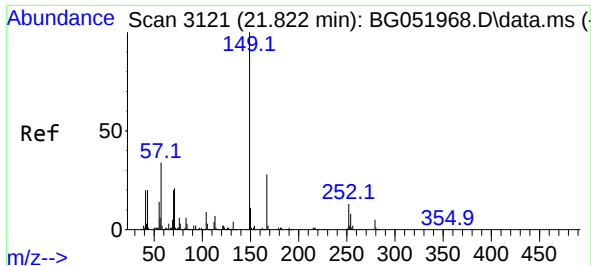


#85
Benzo(a)anthracene
Concen: 4.737 ng/u1
RT: 21.945 min Scan# 3142
Delta R.T. 0.011 min
Lab File: BG051980.D
Acq: 14 Jan 2022 17:22



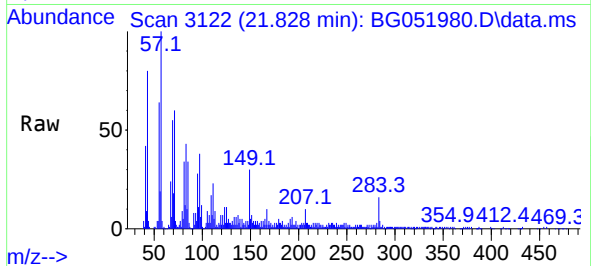
Tgt Ion:228 Resp: 42601
Ion Ratio Lower Upper
228 100
229 22.8 15.7 23.5
226 32.8 22.3 33.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.924 ng/ul
RT: 21.828 min Scan# 3122
Delta R.T. 0.011 min
Lab File: BG051980.D
Acq: 14 Jan 2022 17:22

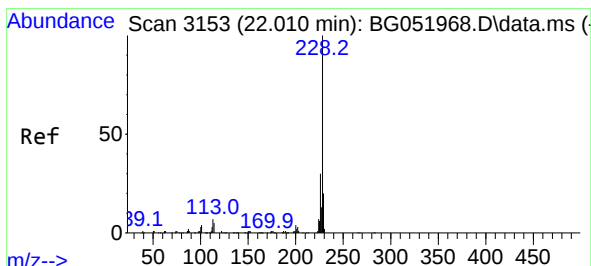
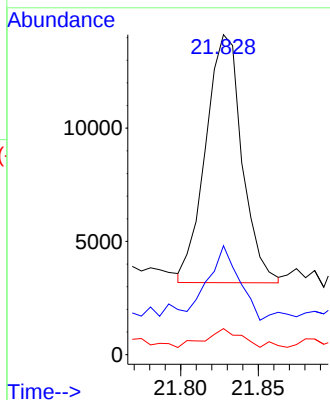
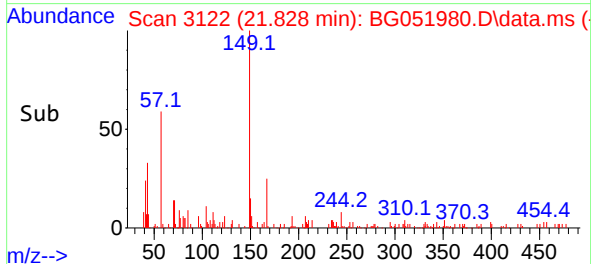
Instrument :
BNA_G
ClientSampleId :
BGLT0



Tgt Ion:149 Resp: 17880
Ion Ratio Lower Upper
149 100
167 34.1 21.1 31.7
279 8.1 2.7 4.1

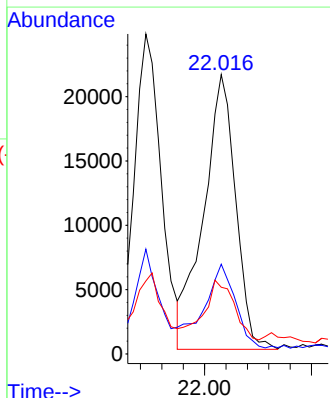
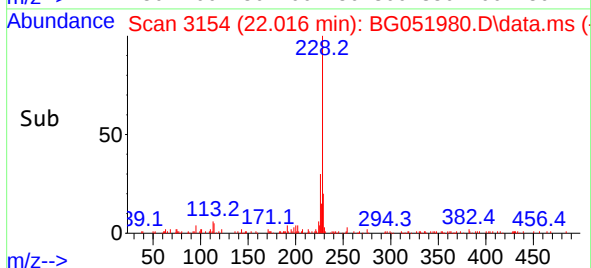
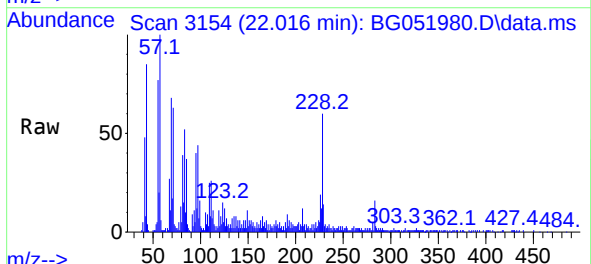
Manual Integrations
APPROVED

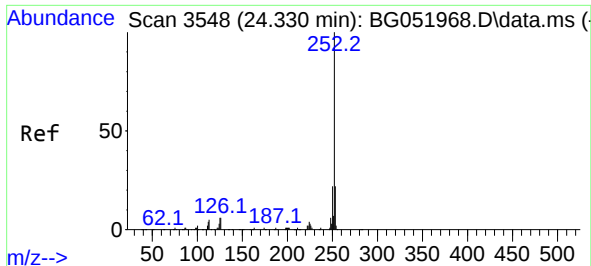
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#87
Chrysene
Concen: 5.152 ng/ul m
RT: 22.016 min Scan# 3154
Delta R.T. 0.011 min
Lab File: BG051980.D
Acq: 14 Jan 2022 17:22

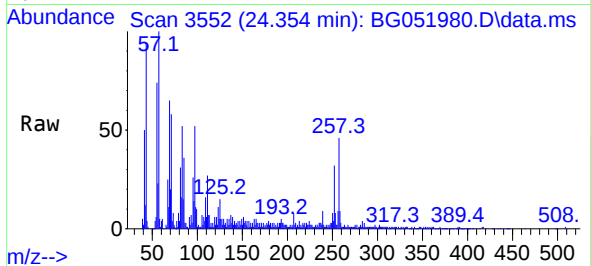
Tgt Ion:228 Resp: 44617
Ion Ratio Lower Upper
228 100
226 32.1 24.8 37.2
229 23.9 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 5.795 ng/ul
RT: 24.354 min Scan# 3552
Delta R.T. 0.028 min
Lab File: BG051980.D
Acq: 14 Jan 2022 17:22

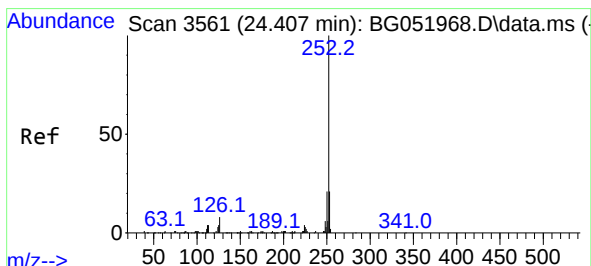
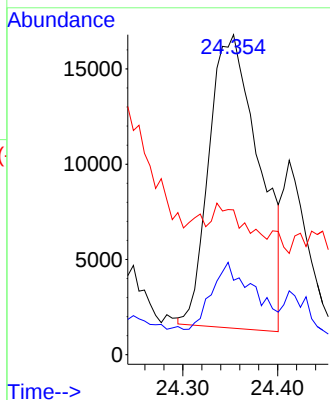
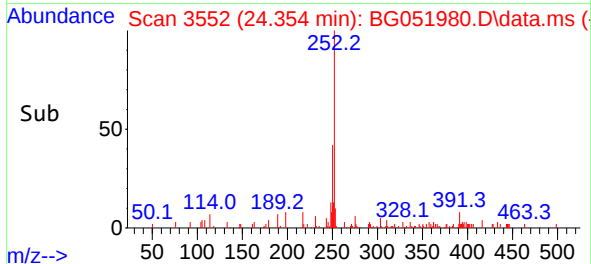
Instrument :
BNA_G
ClientSampleId :
BGLT0



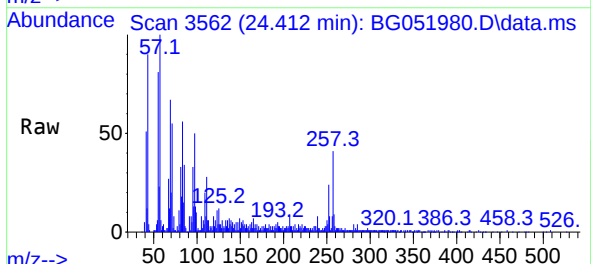
Tgt Ion:252 Resp: 56390
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 45.2 8.5 12.7

Manual Integrations
APPROVED

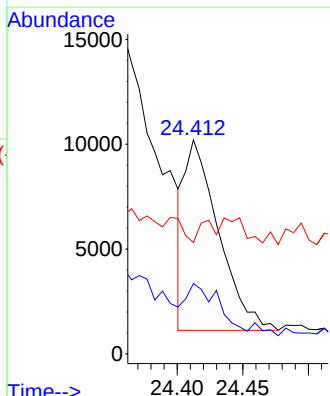
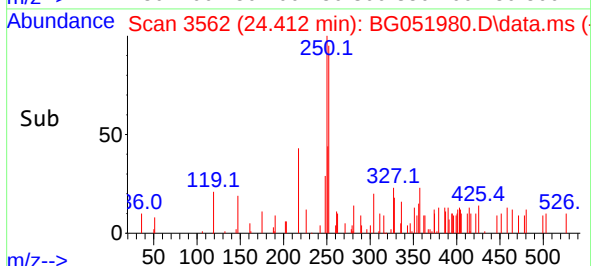
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022

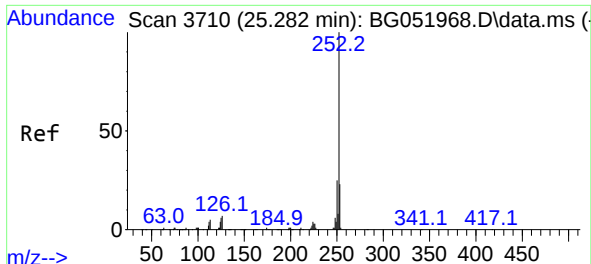


#91
Benzo(k)fluoranthene
Concen: 1.828 ng/ul
RT: 24.412 min Scan# 3562
Delta R.T. 0.017 min
Lab File: BG051980.D
Acq: 14 Jan 2022 17:22



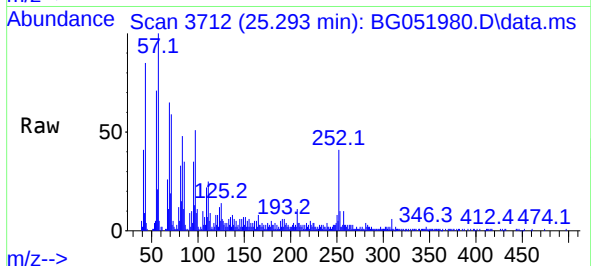
Tgt Ion:252 Resp: 16446
Ion Ratio Lower Upper
252 100
253 32.8 17.3 25.9#
125 52.1 7.8 11.6#





#93
Benzo(a)pyrene
Concen: 3.970 ng/u1
RT: 25.293 min Scan# 31
Delta R.T. 0.023 min
Lab File: BG051980.D
Acq: 14 Jan 2022 17:22

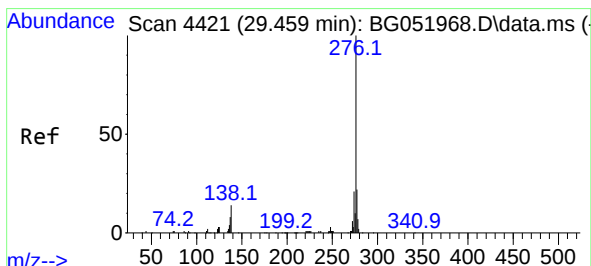
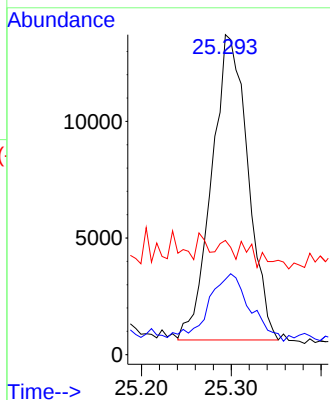
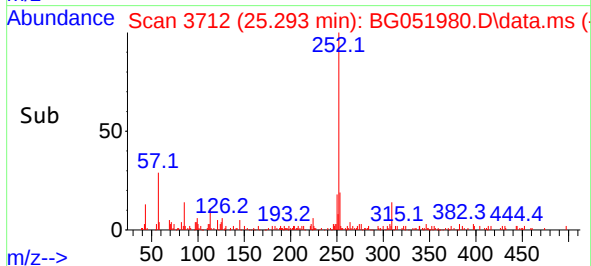
Instrument :
BNA_G
ClientSampleId :
BGLT0



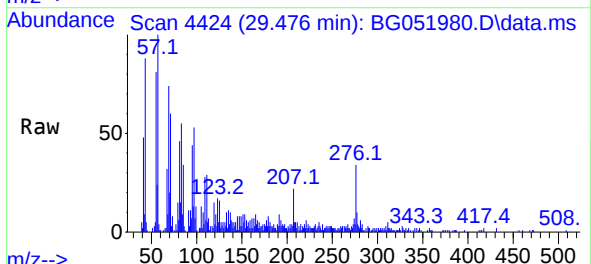
Tgt Ion:252 Resp: 36550
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 35.7 9.1 13.7

Manual Integrations
APPROVED

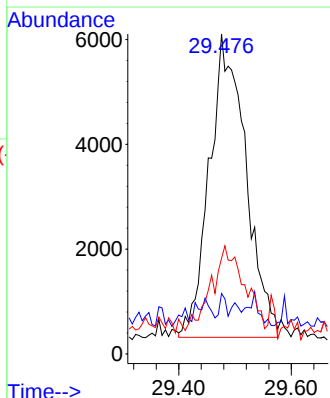
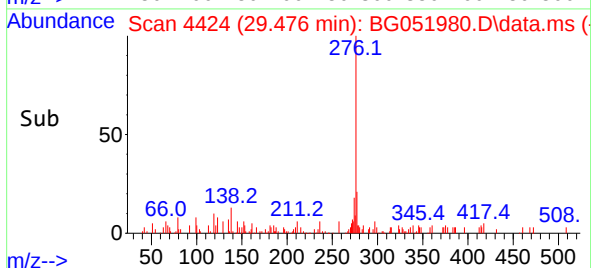
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022

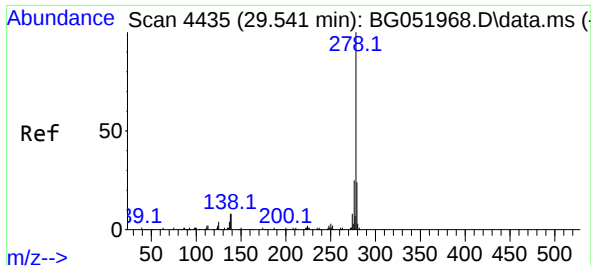


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.458 ng/u1 m
RT: 29.476 min Scan# 4424
Delta R.T. 0.028 min
Lab File: BG051980.D
Acq: 14 Jan 2022 17:22



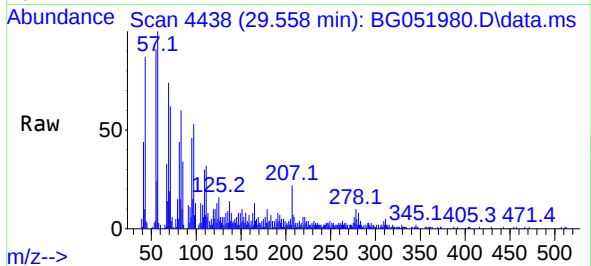
Tgt Ion:276 Resp: 25911
Ion Ratio Lower Upper
276 100
138 18.9 15.5 23.3
277 29.9 20.5 30.7





#95
Dibenzo(a,h)anthracene
Concen: 1.071 ng/ul m
RT: 29.558 min Scan# 4435
Delta R.T. 0.046 min
Lab File: BG051980.D
Acq: 14 Jan 2022 17:22

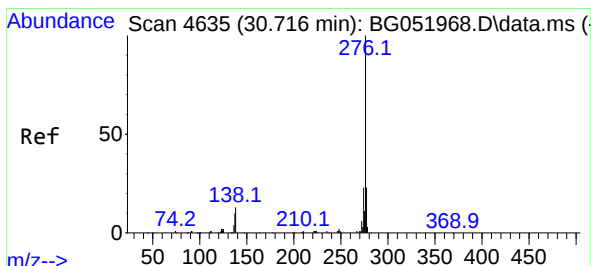
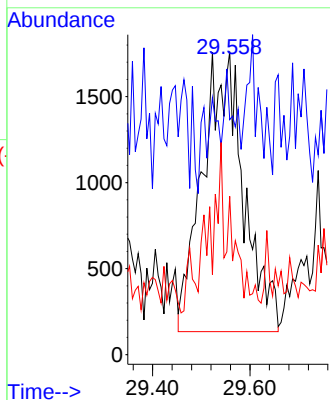
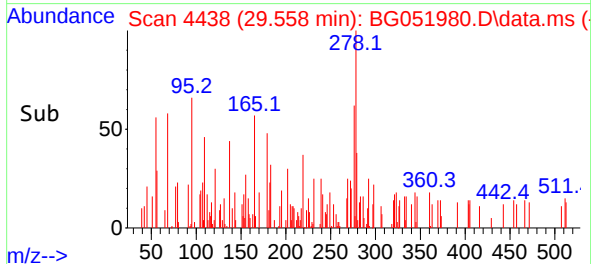
Instrument :
BNA_G
ClientSampleId :
BGLT0



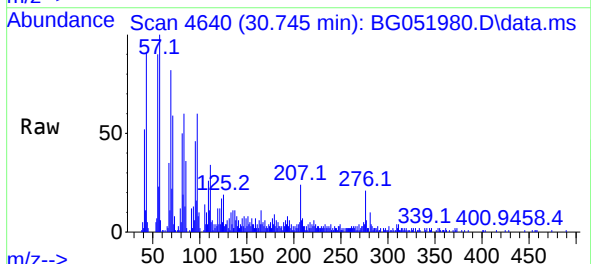
Tgt Ion:278 Resp: 9540
Ion Ratio Lower Upper
278 100
139 77.6 12.2 18.4#
279 52.3 19.5 29.3#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#96
Benzo(g,h,i)perylene
Concen: 2.064 ng/ul m
RT: 30.745 min Scan# 4640
Delta R.T. 0.046 min
Lab File: BG051980.D
Acq: 14 Jan 2022 17:22



Tgt Ion:276 Resp: 18293
Ion Ratio Lower Upper
276 100
138 29.3 16.6 24.8#
277 27.4 17.6 26.4#

