

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058199.D
 Acq On : 13 Jul 2023 15:13
 Operator : CG/JU
 Sample : 03414-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4636

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023

Quant Time: Jul 13 23:11:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	50616	20.000	ng/u1	0.00
20) Naphthalene-d8	10.708	136	231245	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	169314	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.288	188	406250	20.000	ng/u1	0.00
79) Chrysene-d12	21.542	240	349077	20.000	ng/u1	0.00
88) Perylene-d12	24.685	264	431899	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	1797m	1.243	ng/uL	0.00
4) Pyridine-d5	3.763	84	9010	2.053	ng/u1	0.01
7) Phenol-d5	7.071	99	36534	7.068	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.229	67	22890	7.348	ng/u1	0.00
11) 2-Chlorophenol-d4	7.435	132	25425	7.132	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	18440	4.728	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	13096	6.948	ng/u1	0.00
24) 2-Nitrophenol-d4	9.785	143	14571	7.356	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.332	165	27320	7.190	ng/u1	0.00
31) 4-Chloroaniline-d4	10.849	131	2856m	0.496	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	102384	7.664	ng/u1	0.00
49) Acenaphthylene-d8	14.233	160	111560	7.653	ng/u1	0.00
54) 4-Nitrophenol-d4	14.750	143	10316m	4.371	ng/u1	0.00
60) Fluorene-d10	15.531	176	93377	8.230	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	10130	4.592	ng/u1	0.00
73) Anthracene-d10	17.382	188	130782	6.938	ng/u1	0.00
81) Pyrene-d10	19.674	212	177391	8.069	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.462	264	156092	7.094	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.728	105	27619	4.268	ng/u1	98
52) Acenaphthene	14.603	153	11652	1.079	ng/u1	94
61) Fluorene	15.584	166	15447	1.226	ng/u1	100
72) Phenanthrene	17.329	178	243841	11.800	ng/u1	99
74) Anthracene	17.418	178	39381	1.883	ng/u1	98
77) Carbazole	17.694	167	19456	1.029	ng/u1	98
78) Di-n-butylphthalate	18.246	149	800120	33.212	ng/u1	99
80) Fluoranthene	19.339	202	317065	12.446	ng/u1	100
82) Pyrene	19.703	202	313583	12.229	ng/u1	99
85) Benzo(a)anthracene	21.519	228	155389	6.200	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.425	149	29098	1.953	ng/u1	100
87) Chrysene	21.583	228	156088	6.643	ng/u1	98
90) Benzo(b)fluoranthene	23.687	252	164974	6.169	ng/u1	98
91) Benzo(k)fluoranthene	23.745	252	68267m	2.604	ng/u1	
93) Benzo(a)pyrene	24.527	252	108998	4.605	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.246	276	78526	2.498	ng/u1	98
95) Dibenzo(a,h)anthracene	28.311	278	26302m	1.015	ng/u1	

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

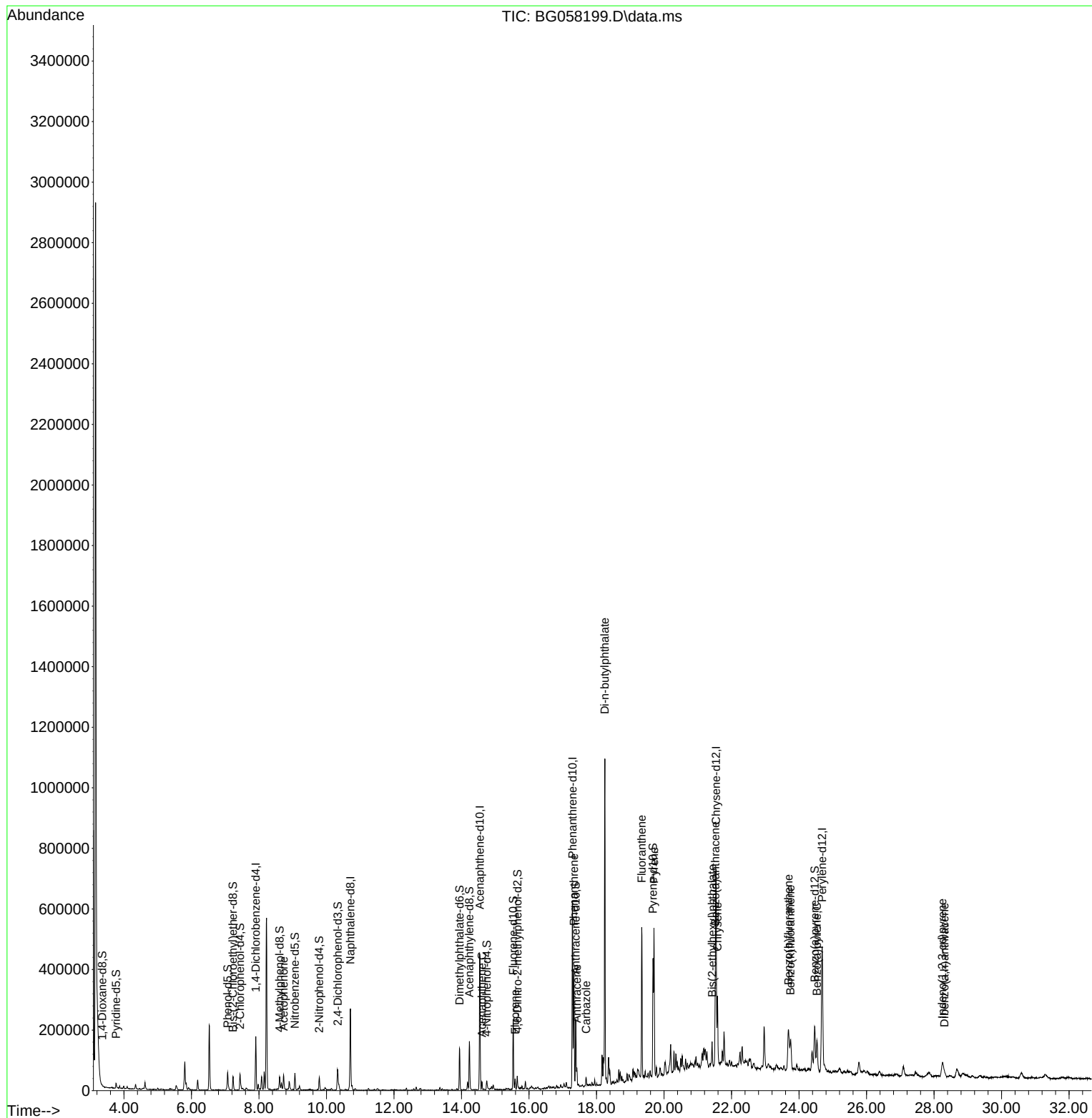
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058199.D
Acq On : 13 Jul 2023 15:13
Operator : CG/JU
Sample : 03414-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

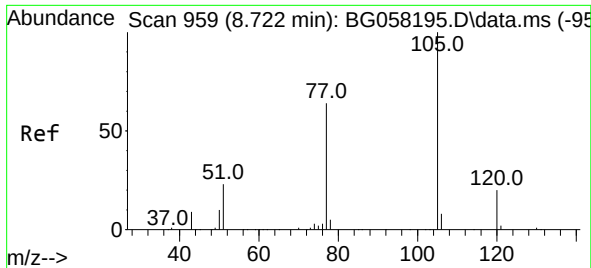
Instrument :
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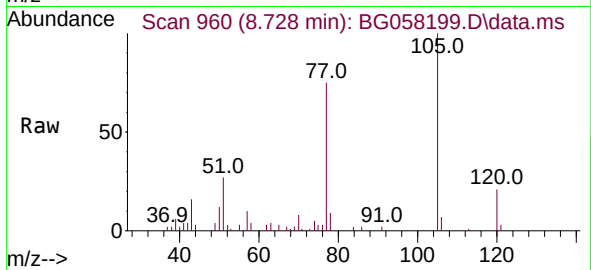
Quant Time: Jul 13 23:11:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 14:01:20 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 4.268 ng/ul
RT: 8.728 min Scan# 959
Delta R.T. 0.006 min
Lab File: BG058199.D
Acq: 13 Jul 2023 15:13

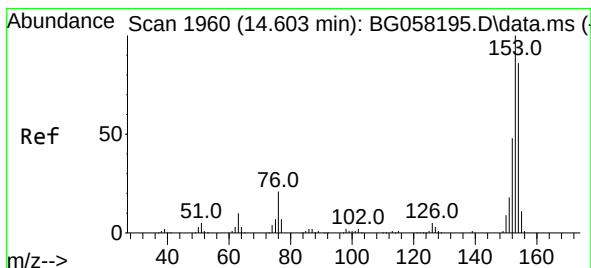
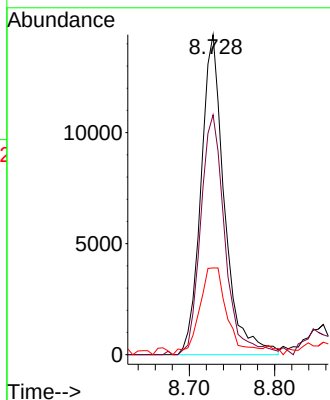
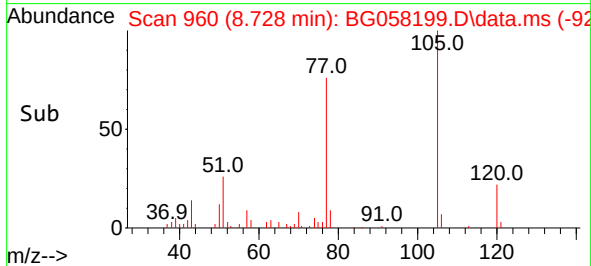
Instrument :
BNA_G
ClientSampleId :
A4636



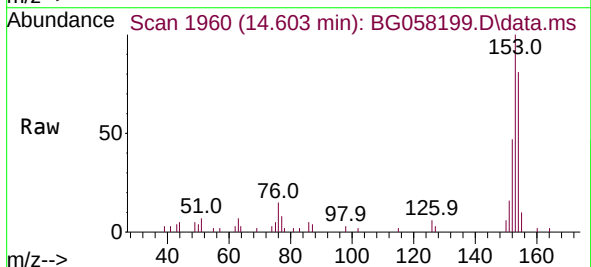
Tgt Ion:105 Resp: 27619
Ion Ratio Lower Upper
105 100
77 75.0 61.2 91.8
51 27.1 23.5 35.3

Manual Integrations
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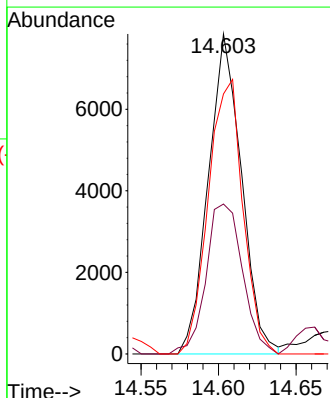
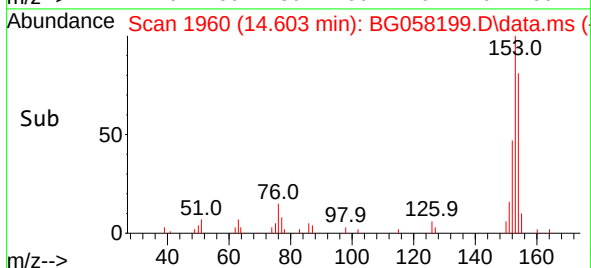
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

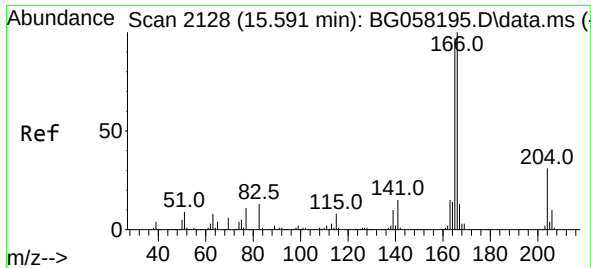


#52
Acenaphthene
Concen: 1.079 ng/ul
RT: 14.603 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BG058199.D
Acq: 13 Jul 2023 15:13



Tgt Ion:153 Resp: 11652
Ion Ratio Lower Upper
153 100
152 46.9 36.5 54.7
154 81.2 70.5 105.7





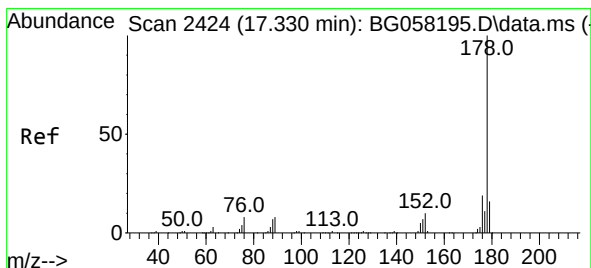
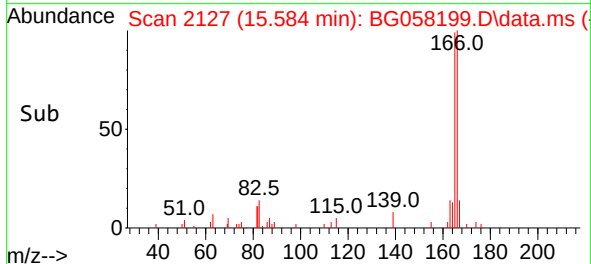
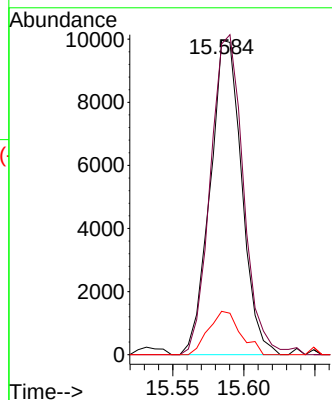
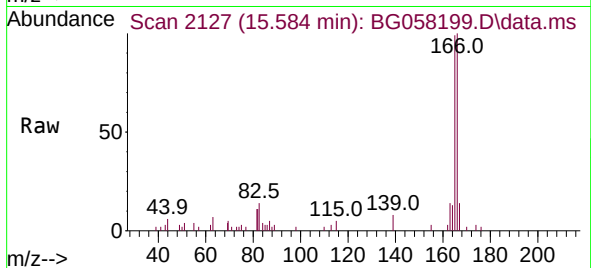
#61
Fluorene
Concen: 1.226 ng/ul
RT: 15.584 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BG058199.D
Acq: 13 Jul 2023 15:13

Instrument :
BNA_G
ClientSampleId :
A4636

Tgt Ion:166 Resp: 1544
Ion Ratio Lower Upper
166 100
165 98.8 79.1 118.7
167 13.8 10.7 16.1

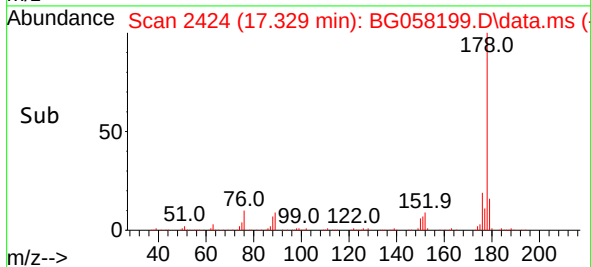
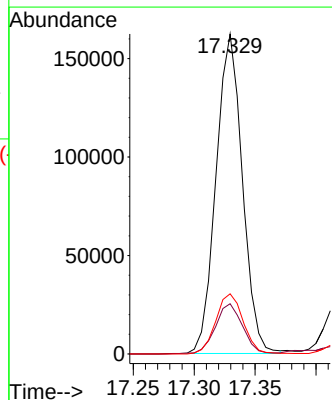
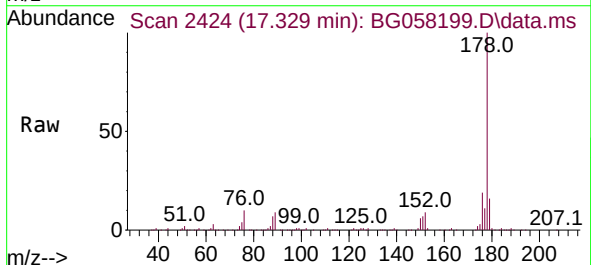
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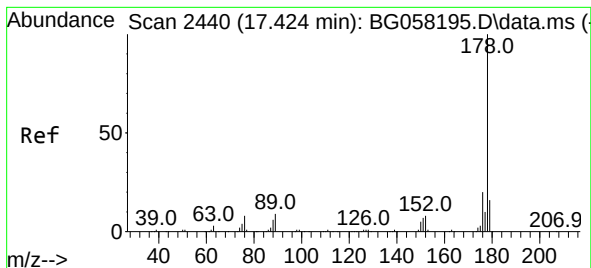
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#72
Phenanthrene
Concen: 11.800 ng/ul
RT: 17.329 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BG058199.D
Acq: 13 Jul 2023 15:13

Tgt Ion:178 Resp: 243841
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 18.8 15.7 23.5





#74

Anthracene

Concen: 1.883 ng/ul

RT: 17.418 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BG058199.D

Acq: 13 Jul 2023 15:13

Instrument :

BNA_G

ClientSampleId :

A4636

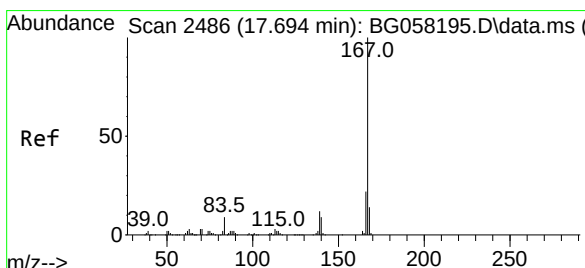
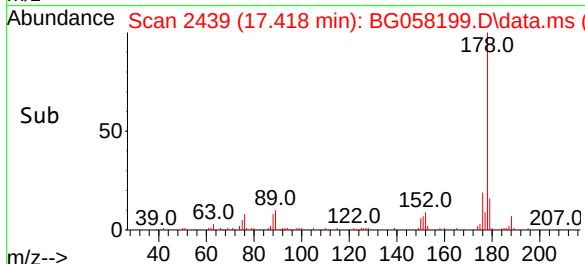
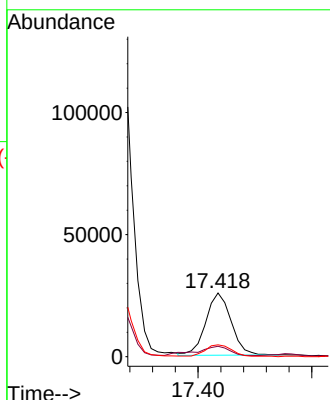
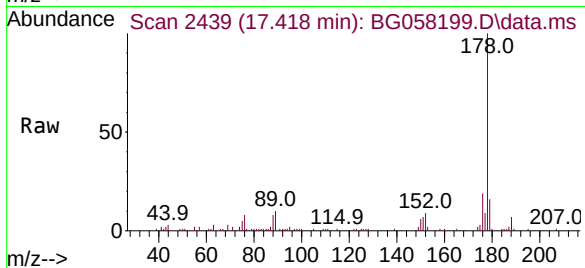
Tgt Ion:178	Resp:	3938
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.6 18.8
176	18.6	15.4 23.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#77

Carbazole

Concen: 1.029 ng/ul

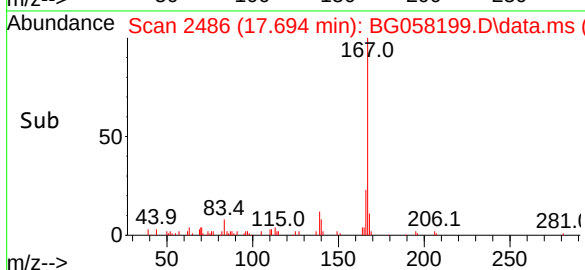
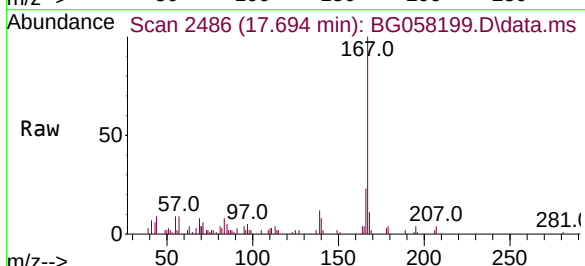
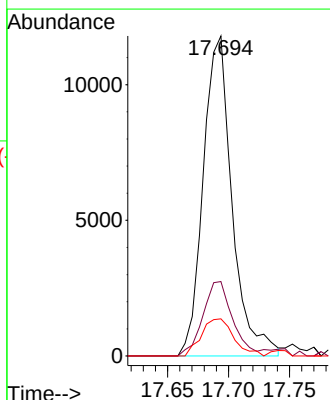
RT: 17.694 min Scan# 2486

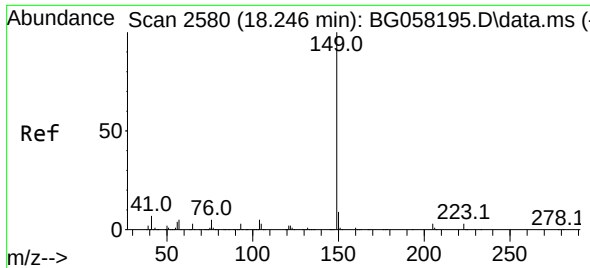
Delta R.T. -0.000 min

Lab File: BG058199.D

Acq: 13 Jul 2023 15:13

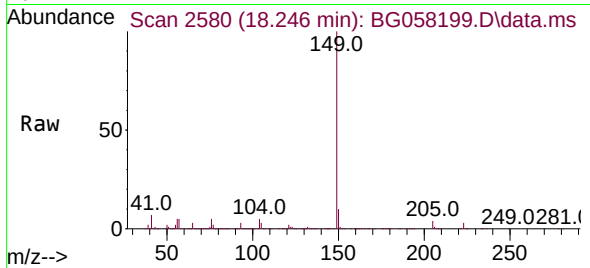
Tgt Ion:167	Resp:	19456
Ion Ratio	Lower	Upper
167	100	
166	23.3	17.5 26.3
139	11.6	9.5 14.3





#78
Di-n-butylphthalate
Concen: 33.212 ng/ul
RT: 18.246 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058199.D
Acq: 13 Jul 2023 15:13

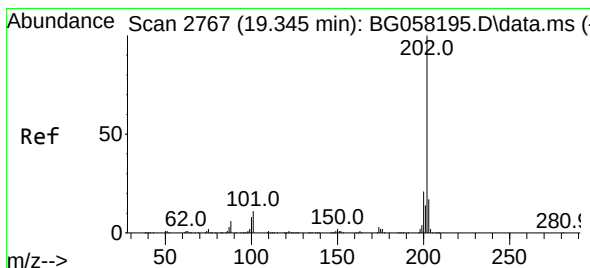
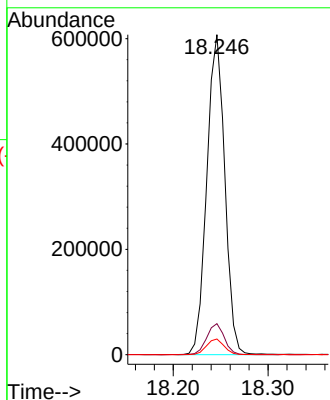
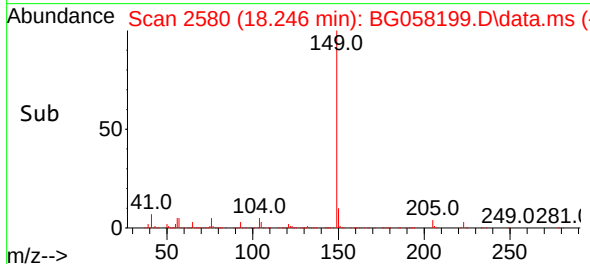
Instrument :
BNA_G
ClientSampleId :
A4636



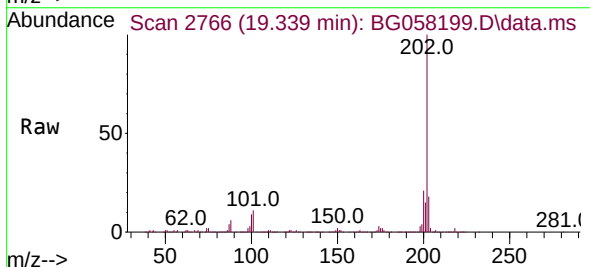
Tgt Ion:149 Resp: 800120
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.2
104 4.9 3.9 5.9

Manual Integrations
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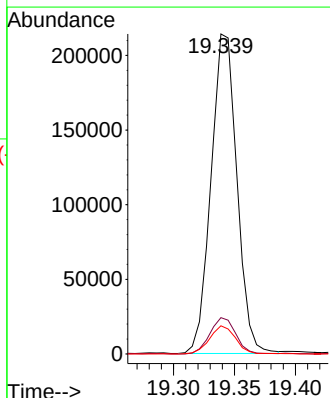
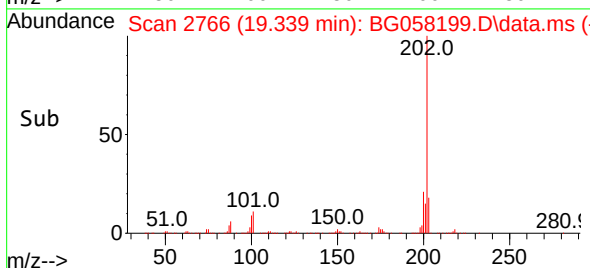
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

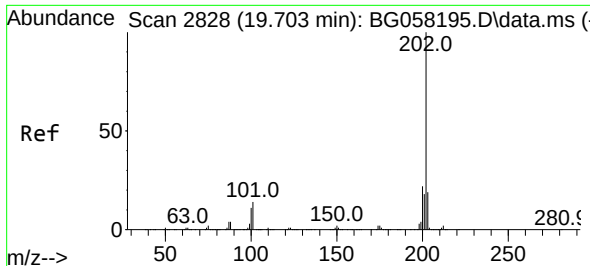


#80
Fluoranthene
Concen: 12.446 ng/ul
RT: 19.339 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BG058199.D
Acq: 13 Jul 2023 15:13



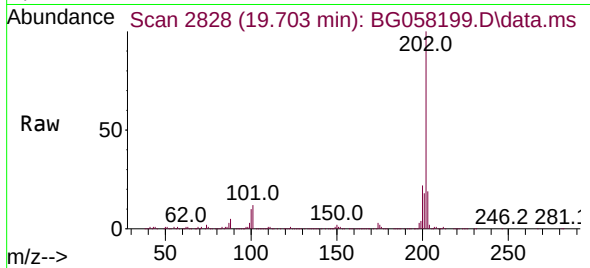
Tgt Ion:202 Resp: 317065
Ion Ratio Lower Upper
202 100
101 11.4 9.1 13.7
100 8.8 7.1 10.7





#82
Pyrene
Concen: 12.229 ng/ul
RT: 19.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058199.D
Acq: 13 Jul 2023 15:13

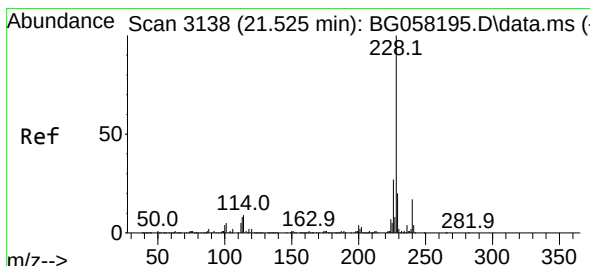
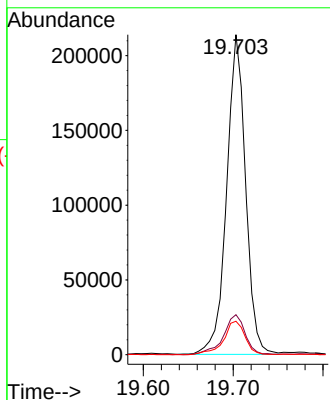
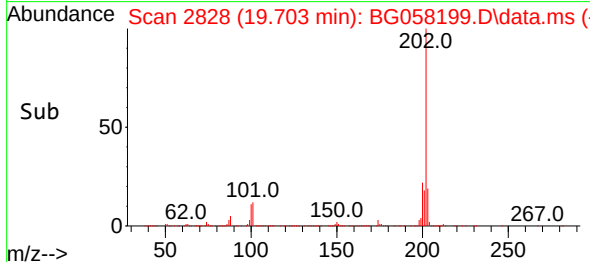
Instrument :
BNA_G
ClientSampleId :
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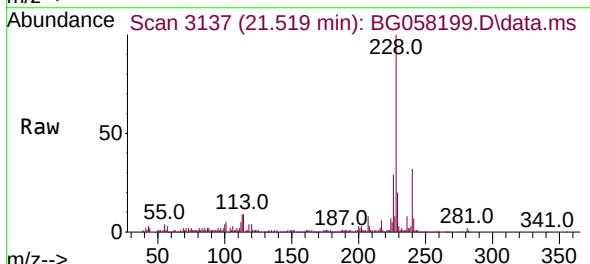
Tgt Ion:202 Resp: 31358
Ion Ratio Lower Upper
202 100
101 12.5 10.2 15.2
100 10.5 8.9 13.3

Manual Integrations
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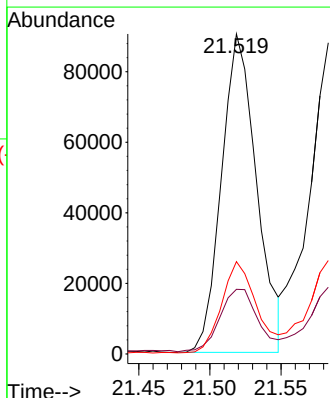
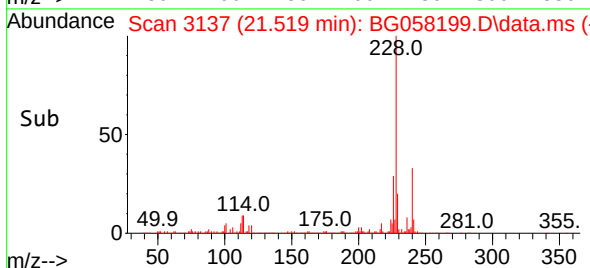
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

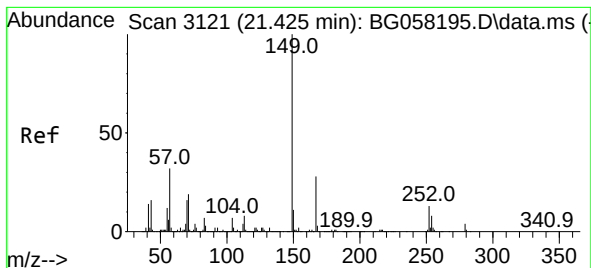


#85
Benzo(a)anthracene
Concen: 6.200 ng/ul
RT: 21.519 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BG058199.D
Acq: 13 Jul 2023 15:13



Tgt Ion:228 Resp: 155389
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 28.8 22.0 33.0





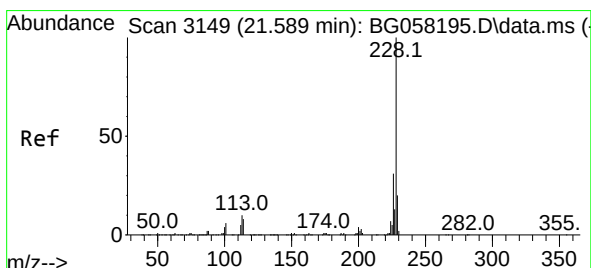
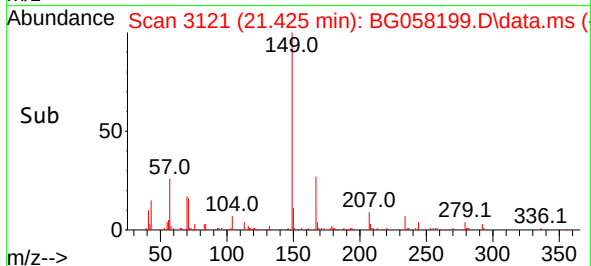
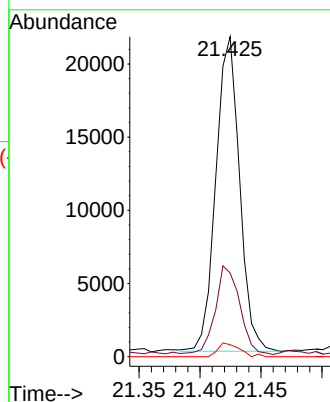
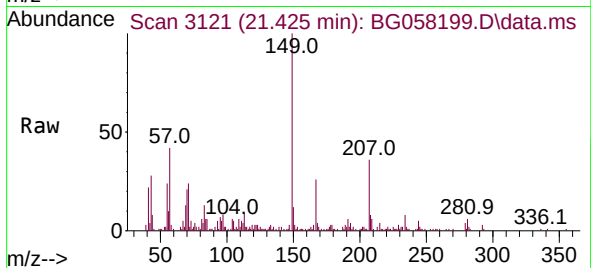
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.953 ng/ul
RT: 21.425 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BG058199.D
Acq: 13 Jul 2023 15:13

Instrument :
BNA_G
ClientSampleId :
A4636

Tgt Ion:149 Resp: 29098
Ion Ratio Lower Upper
149 100
167 26.2 20.9 31.3
279 3.7 3.1 4.7

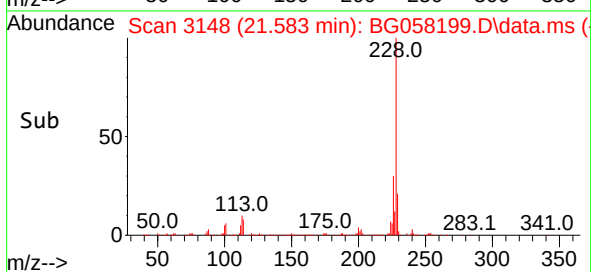
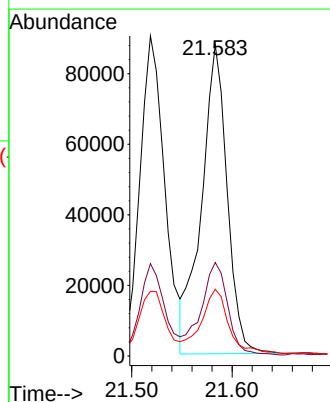
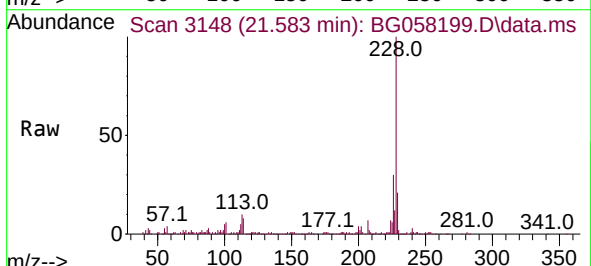
Manual Integrations
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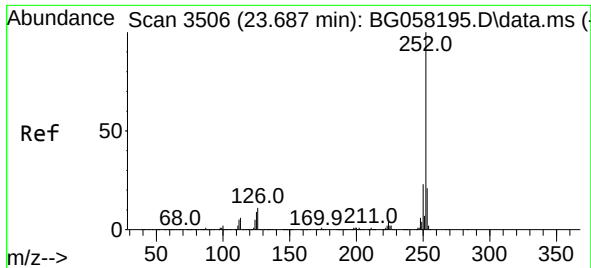
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#87
Chrysene
Concen: 6.643 ng/ul
RT: 21.583 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BG058199.D
Acq: 13 Jul 2023 15:13

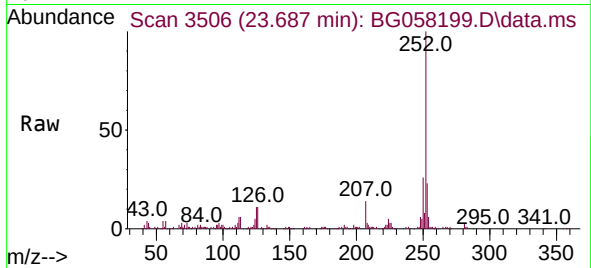
Tgt Ion:228 Resp: 156088
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 21.4 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 6.169 ng/ul
RT: 23.687 min Scan# 3506
Delta R.T. -0.000 min
Lab File: BG058199.D
Acq: 13 Jul 2023 15:13

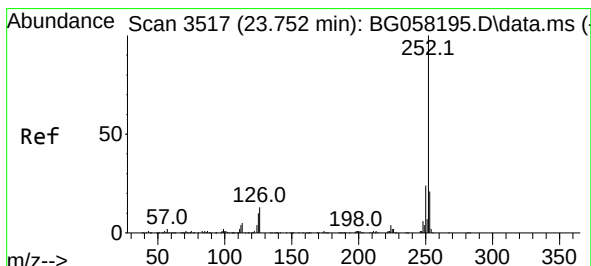
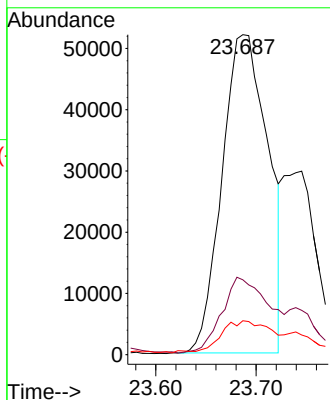
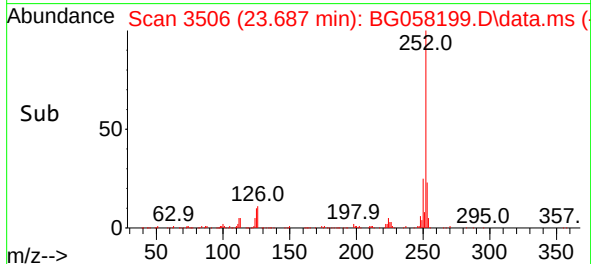
Instrument :
BNA_G
ClientSampleId :
A4636



Tgt Ion:252 Resp: 164974
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 10.6 7.5 11.3

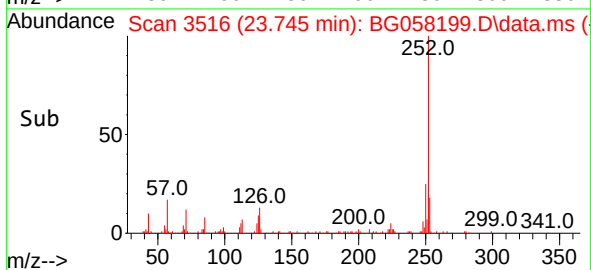
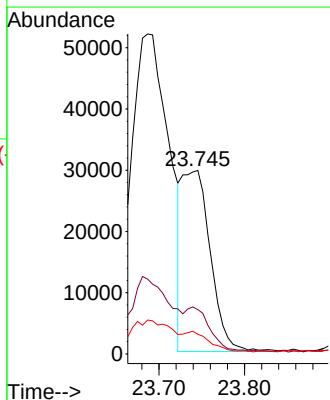
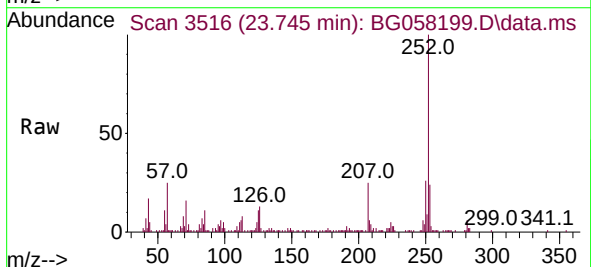
Manual Integrations
APPROVED

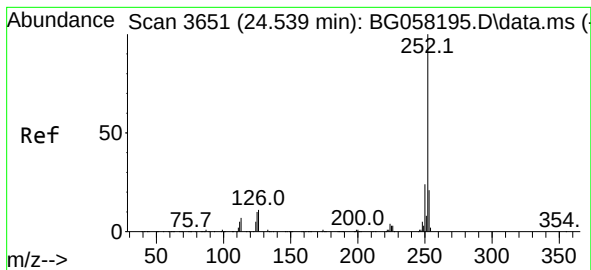
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#91
Benzo(k)fluoranthene
Concen: 2.604 ng/ul m
RT: 23.745 min Scan# 3516
Delta R.T. -0.006 min
Lab File: BG058199.D
Acq: 13 Jul 2023 15:13

Tgt Ion:252 Resp: 68267
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 10.8 7.4 11.2





#93

Benzo(a)pyrene

Concen: 4.605 ng/ul

RT: 24.527 min Scan# 3649

Delta R.T. -0.012 min

Lab File: BG058199.D

Acq: 13 Jul 2023 15:13

Instrument :

BNA_G

ClientSampleId :

A4636

Tgt Ion:252 Resp: 108998

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

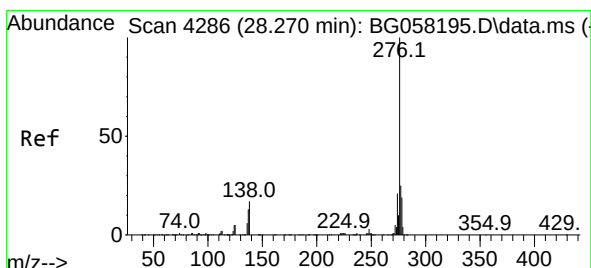
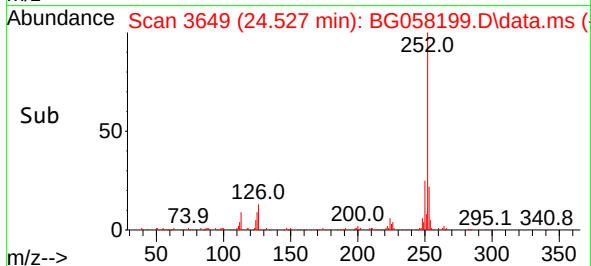
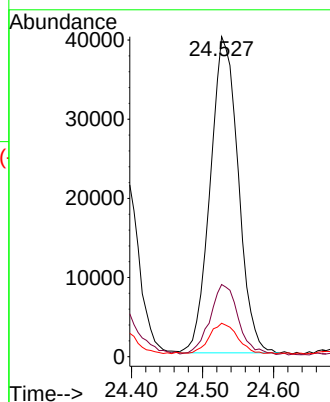
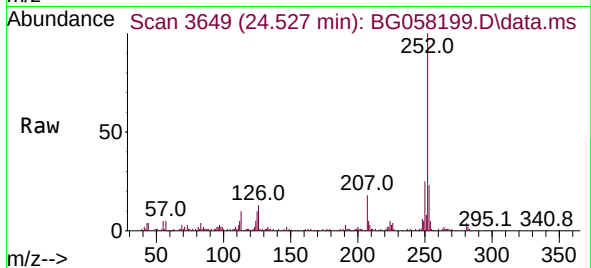
125 10.4 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.498 ng/ul

RT: 28.246 min Scan# 4282

Delta R.T. -0.024 min

Lab File: BG058199.D

Acq: 13 Jul 2023 15:13

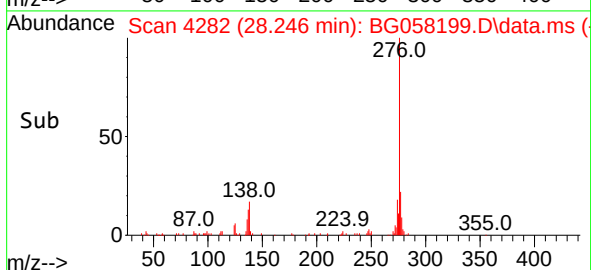
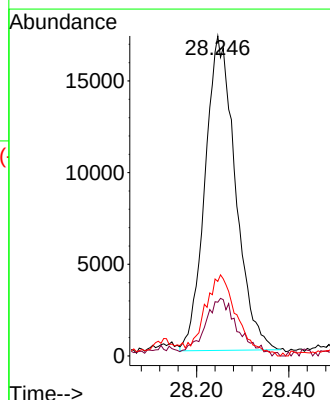
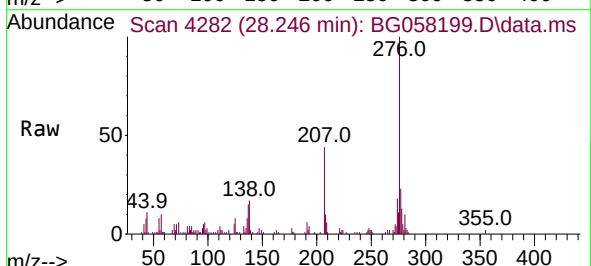
Tgt Ion:276 Resp: 78526

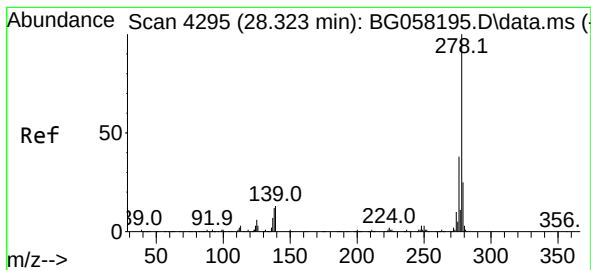
Ion Ratio Lower Upper

276 100

138 16.8 14.0 21.0

277 23.3 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 1.015 ng/ul m

RT: 28.311 min Scan# 4

Delta R.T. -0.012 min

Lab File: BG058199.D

Acq: 13 Jul 2023 15:13

Instrument :

BNA_G

ClientSampleId :

A4636

Tgt Ion:278 Resp: 2630

Ion Ratio Lower Upper

278 100

139 20.4 11.3 16.9

279 26.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023

