

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057857.D
 Acq On : 24 Jun 2023 1:33
 Operator : CG/JU
 Sample : 03333-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DOMINICK-SP

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 25 01:41:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	50308	20.000	ng	0.00
21) Naphthalene-d8	10.724	136	207865	20.000	ng	0.00
39) Acenaphthene-d10	14.554	164	135833	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	294916	20.000	ng	0.00
76) Chrysene-d12	21.552	240	240855	20.000	ng	0.00
86) Perylene-d12	24.707	264	299990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	400576	122.774	ng	0.00
7) Phenol-d6	7.087	99	583016	117.109	ng	0.00
23) Nitrobenzene-d5	9.084	82	356765	88.088	ng	0.00
42) 2,4,6-Tribromophenol	16.041	330	212513	112.313	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	779833	87.078	ng	0.00
79) Terphenyl-d14	19.919	244	1114132	86.255	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.339	178	236245	16.545	ng	98
72) Anthracene	17.433	178	60025	4.117	ng	97
75) Fluoranthene	19.355	202	364162	21.408	ng	99
78) Pyrene	19.713	202	330362	19.228	ng	99
81) Benzo(a)anthracene	21.535	228	171297	10.366	ng	98
83) Chrysene	21.599	228	145711m	9.188	ng	
84) Bis(2-ethylhexyl)phtha...	21.446	149	70029	7.380	ng	100
87) Indeno(1,2,3-cd)pyrene	28.291	276	83064	4.235	ng	98
88) Benzo(b)fluoranthene	23.708	252	179104	10.895	ng	# 90
89) Benzo(k)fluoranthene	23.761	252	68250m	4.076	ng	
90) Benzo(a)pyrene	24.560	252	141926	8.791	ng	# 96
92) Benzo(g,h,i)perylene	29.419	276	78013	4.788	ng	# 91

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

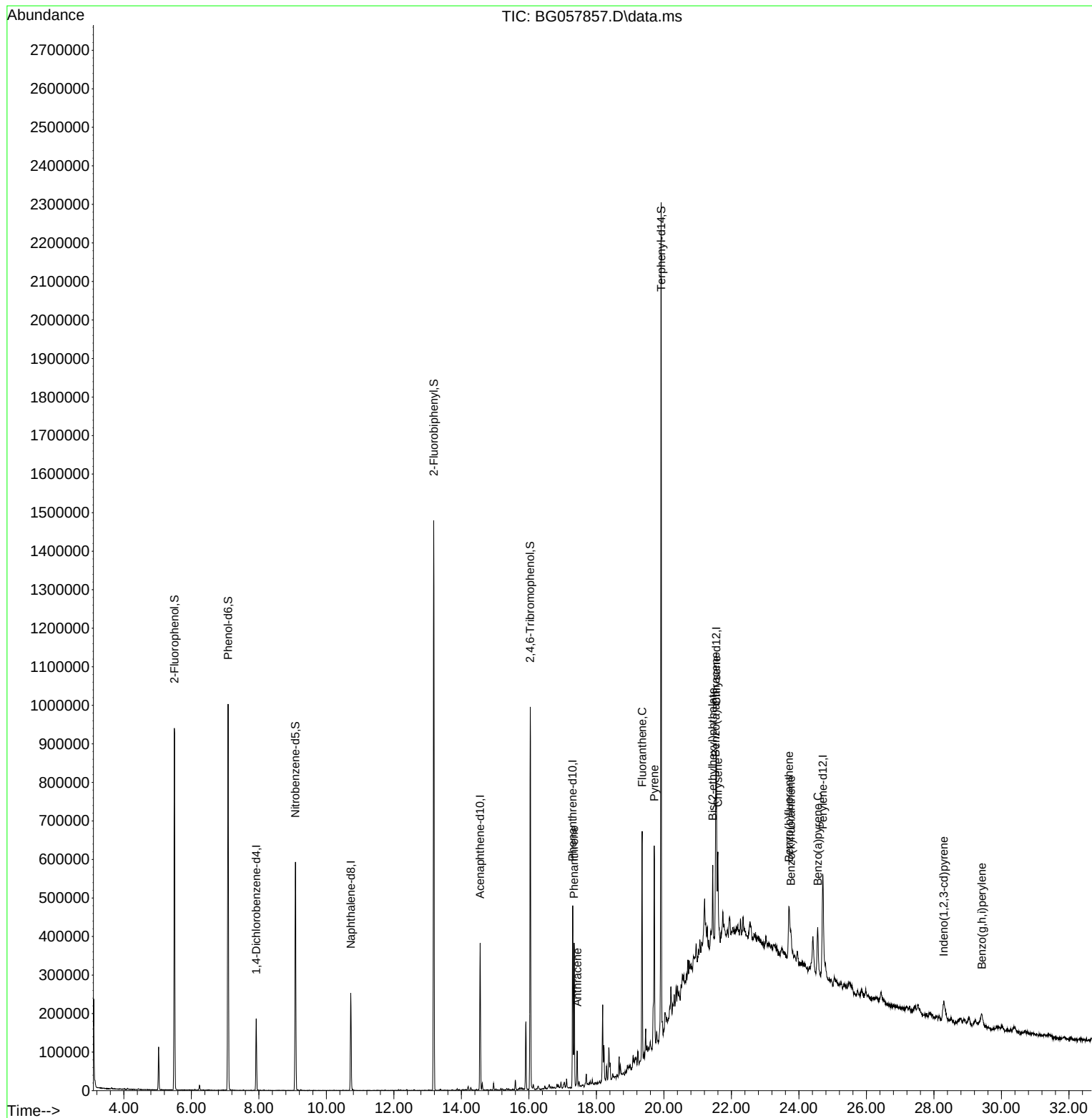
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057857.D
Acq On : 24 Jun 2023 1:33
Operator : CG/JU
Sample : 03333-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

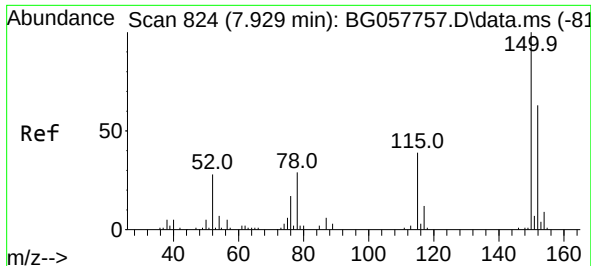
Instrument :
BNA_G
ClientSampleId :
DOMINICK-SP

Quant Time: Jun 25 01:41:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

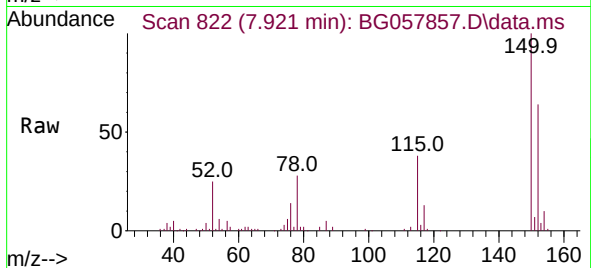
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.921 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057857.D
Acq: 24 Jun 2023 1:33

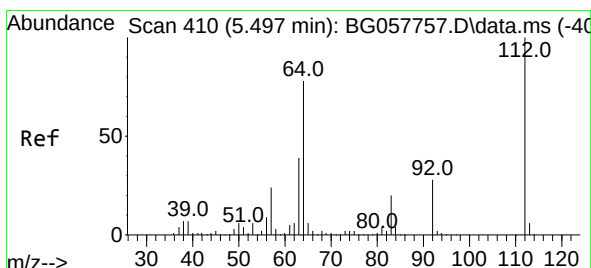
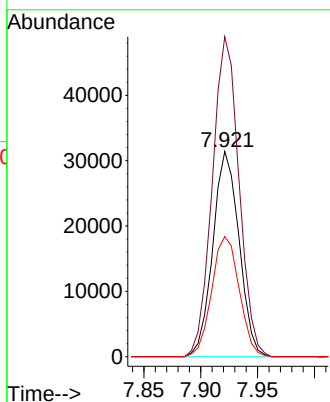
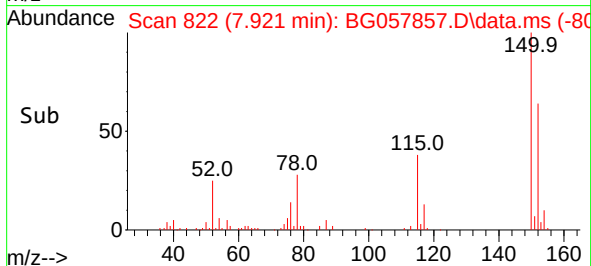
Instrument :
BNA_G
ClientSampleId :
DOMINICK-SP



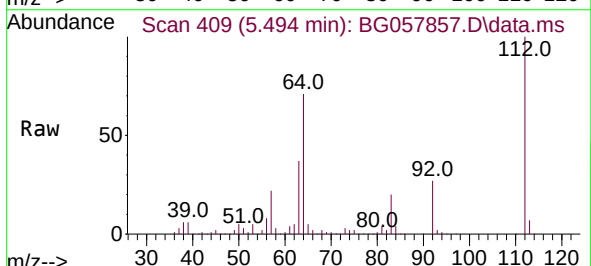
Tgt Ion:152 Resp: 50308
Ion Ratio Lower Upper
152 100
150 155.9 126.6 189.8
115 58.5 48.9 73.3

Manual Integrations
APPROVED

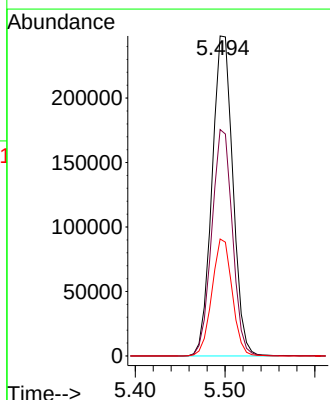
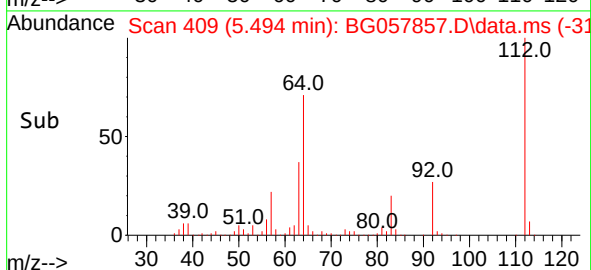
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

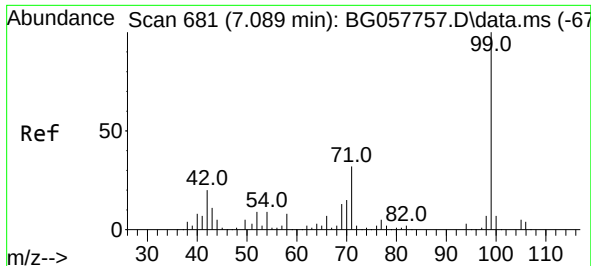


#5
2-Fluorophenol
Concen: 122.774 ng
RT: 5.494 min Scan# 409
Delta R.T. -0.003 min
Lab File: BG057857.D
Acq: 24 Jun 2023 1:33



Tgt Ion:112 Resp: 400576
Ion Ratio Lower Upper
112 100
64 70.8 62.1 93.1
63 36.5 31.5 47.3





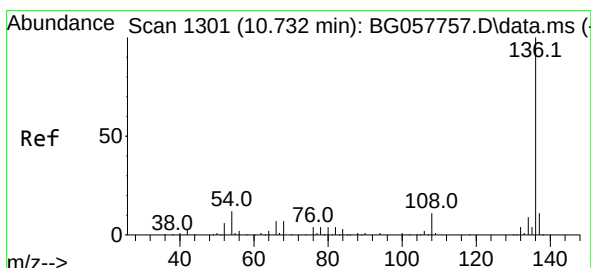
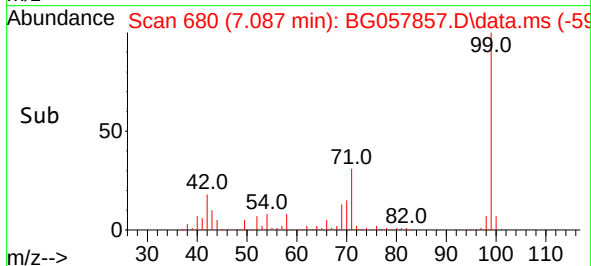
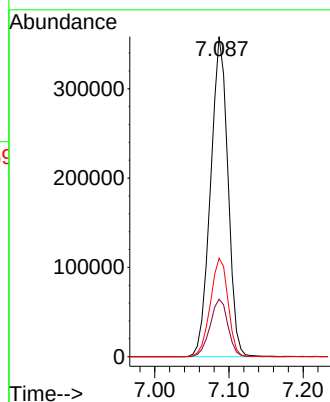
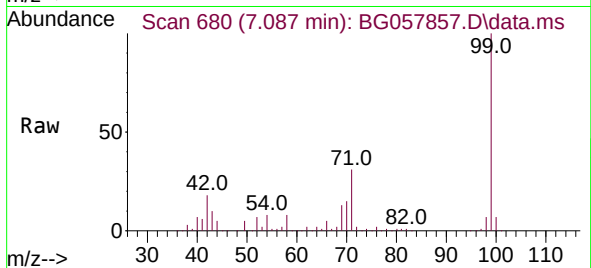
#7
Phenol-d6
Concen: 117.109 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057857.D
Acq: 24 Jun 2023 1:33

Instrument :
BNA_G
ClientSampleId :
DOMINICK-SP

Tgt Ion: 99 Resp: 583010
Ion Ratio Lower Upper
99 100
42 18.0 16.4 24.6
71 30.8 25.8 38.6

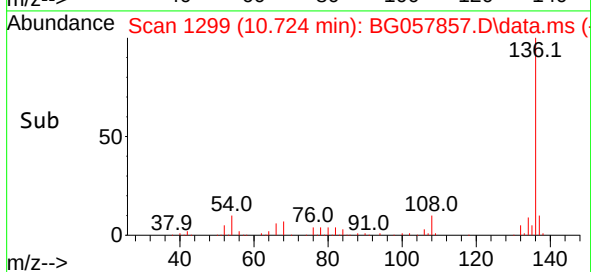
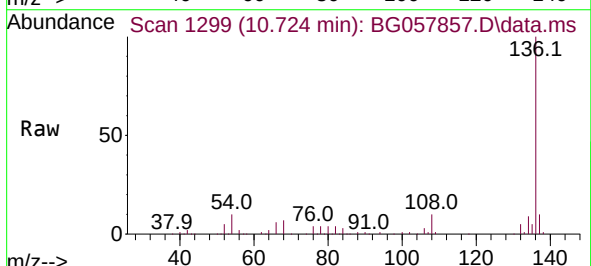
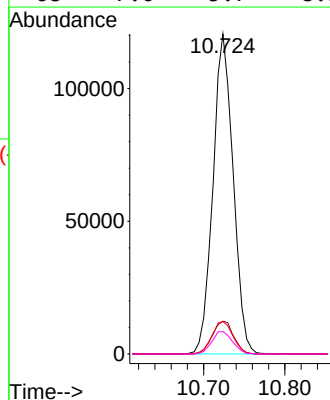
Manual Integrations
APPROVED

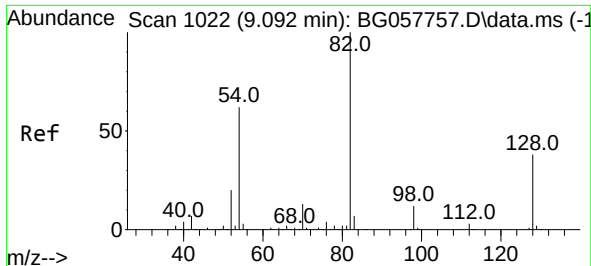
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.724 min Scan# 1299
Delta R.T. -0.008 min
Lab File: BG057857.D
Acq: 24 Jun 2023 1:33

Tgt Ion:136 Resp: 207865
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 10.1 9.5 14.3
68 7.0 5.7 8.5





#23

Nitrobenzene-d5

Concen: 88.088 ng

RT: 9.084 min Scan# 1022

Delta R.T. -0.008 min

Lab File: BG057857.D

Acq: 24 Jun 2023 1:33

Instrument :

BNA_G

ClientSampleId :

DOMINICK-SP

Tgt Ion: 82 Resp: 35676

Ion Ratio Lower Upper

82 100

128 41.8 30.7 46.1

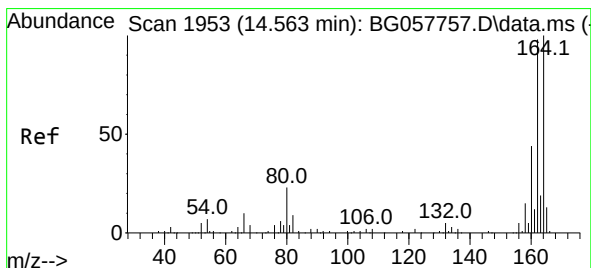
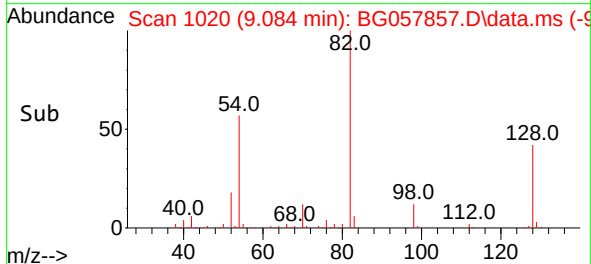
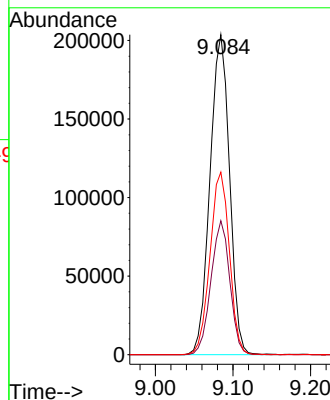
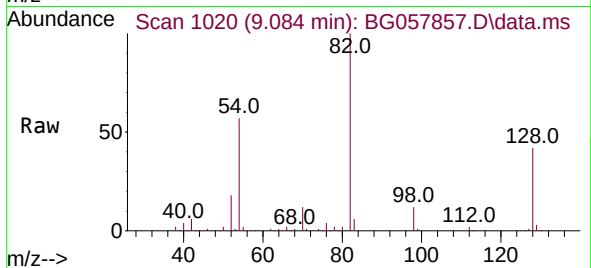
54 57.1 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.554 min Scan# 1951

Delta R.T. -0.008 min

Lab File: BG057857.D

Acq: 24 Jun 2023 1:33

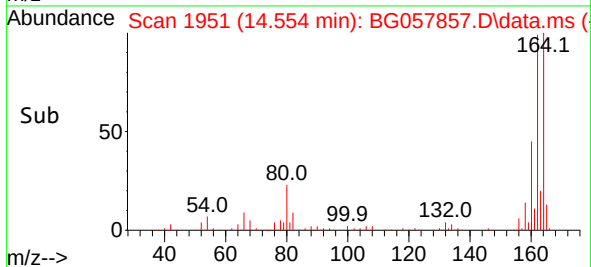
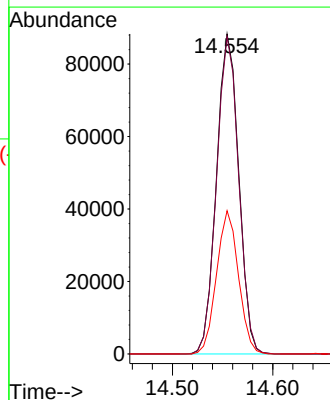
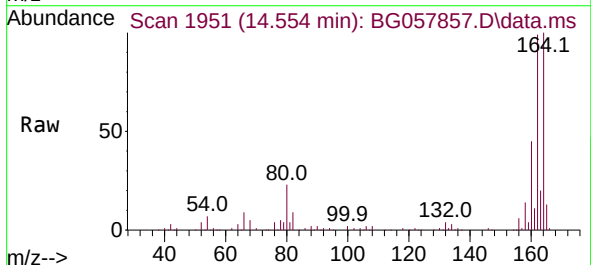
Tgt Ion:164 Resp: 135833

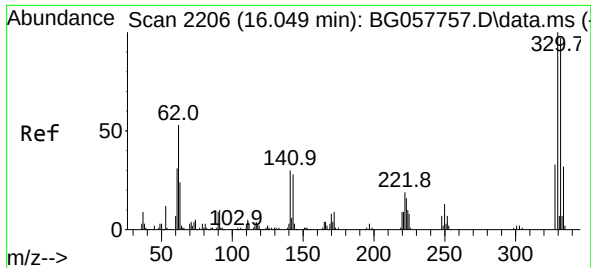
Ion Ratio Lower Upper

164 100

162 99.2 78.3 117.5

160 44.8 35.4 53.0





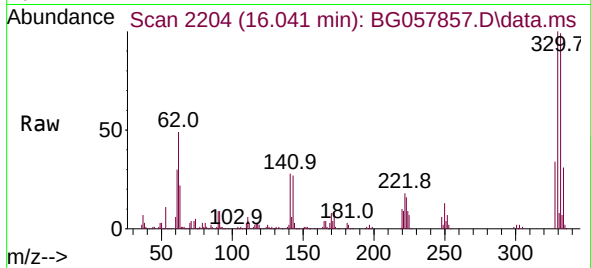
#42
2,4,6-Tribromophenol
Concen: 112.313 ng
RT: 16.041 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057857.D
Acq: 24 Jun 2023 1:33

Instrument :

BNA_G

ClientSampleId :

DOMINICK-SP

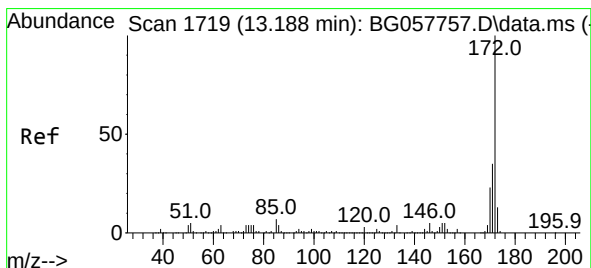
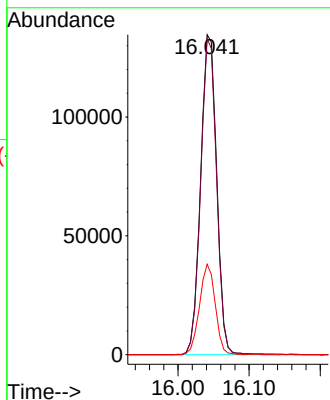
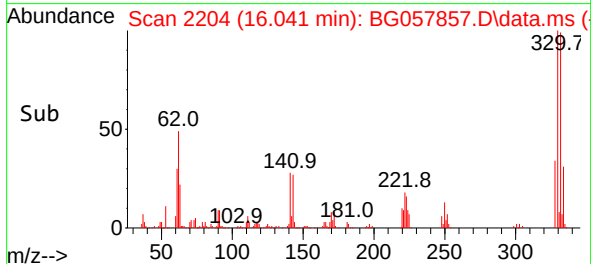


Tgt Ion:330 Resp: 21251
Ion Ratio Lower Upper
330 100
332 97.4 76.6 115.0
141 27.6 24.7 37.1

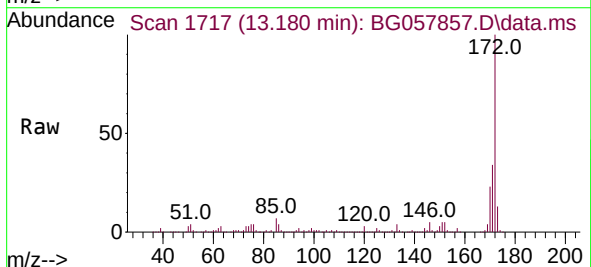
Manual Integrations

APPROVED

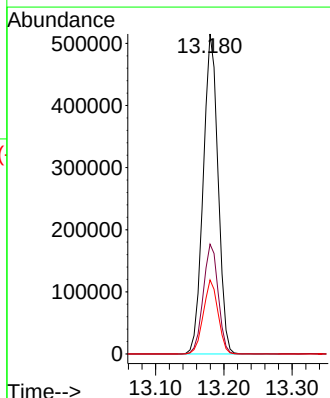
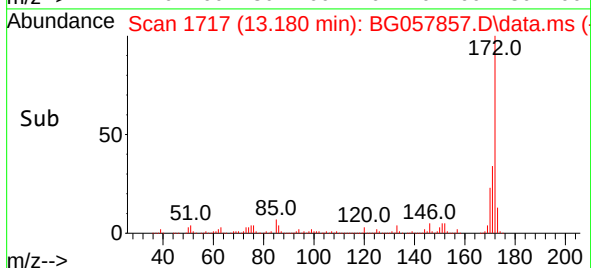
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

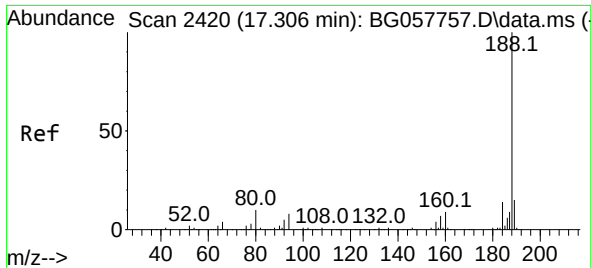


#45
2-Fluorobiphenyl
Concen: 87.078 ng
RT: 13.180 min Scan# 1717
Delta R.T. -0.008 min
Lab File: BG057857.D
Acq: 24 Jun 2023 1:33



Tgt Ion:172 Resp: 779833
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.2 18.6 27.8





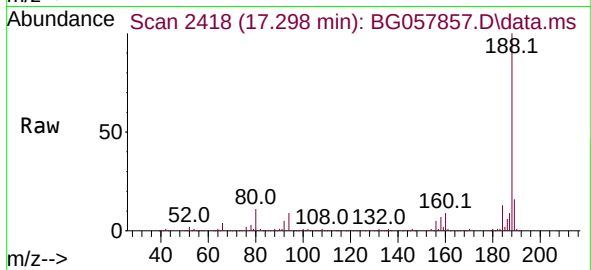
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2418
Delta R.T. -0.008 min
Lab File: BG057857.D
Acq: 24 Jun 2023 1:33

Instrument :

BNA_G

ClientSampleId :

DOMINICK-SP

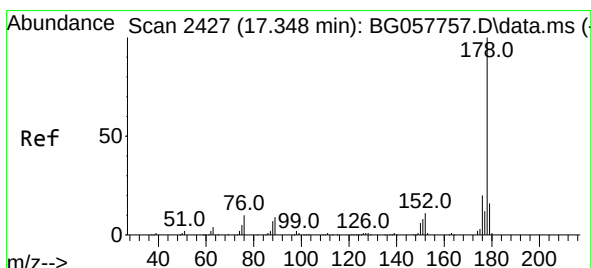
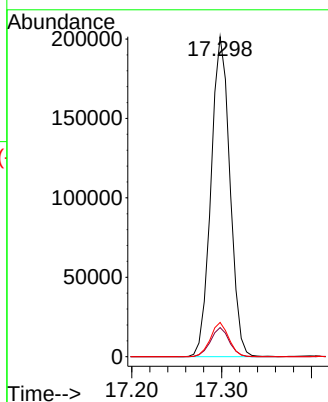
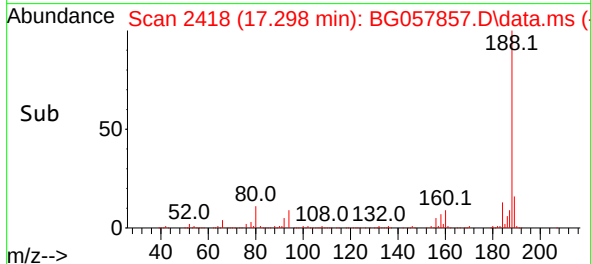


Tgt Ion:188 Resp: 294910
Ion Ratio Lower Upper
188 100
94 9.1 6.6 9.8
80 10.7 7.6 11.4

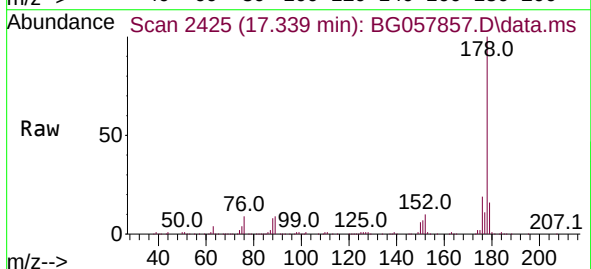
Manual Integrations

APPROVED

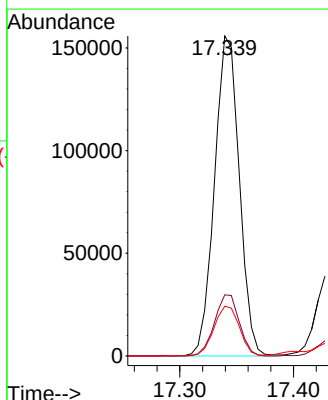
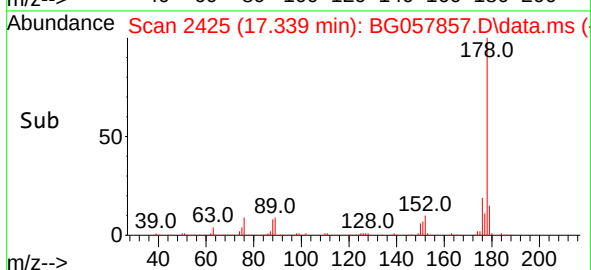
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

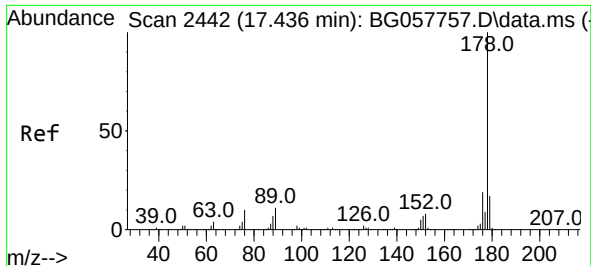


#71
Phenanthrene
Concen: 16.545 ng
RT: 17.339 min Scan# 2425
Delta R.T. -0.008 min
Lab File: BG057857.D
Acq: 24 Jun 2023 1:33



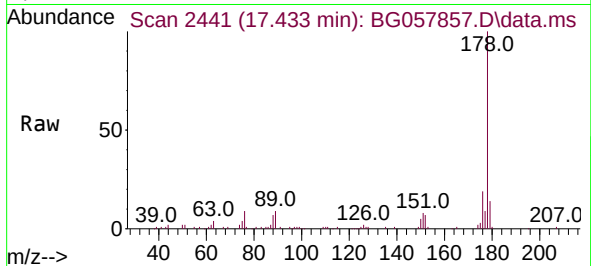
Tgt Ion:178 Resp: 236245
Ion Ratio Lower Upper
178 100
176 19.1 16.3 24.5
179 15.5 13.0 19.6





#72
 Anthracene
 Concen: 4.117 ng
 RT: 17.433 min Scan# 2442
 Delta R.T. -0.002 min
 Lab File: BG057857.D
 Acq: 24 Jun 2023 1:33

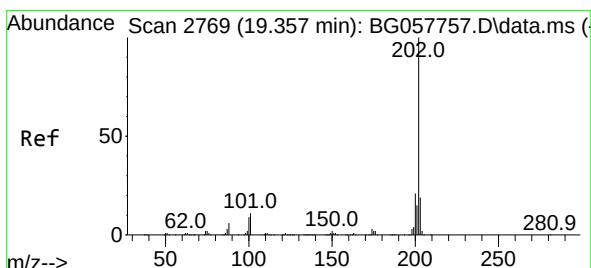
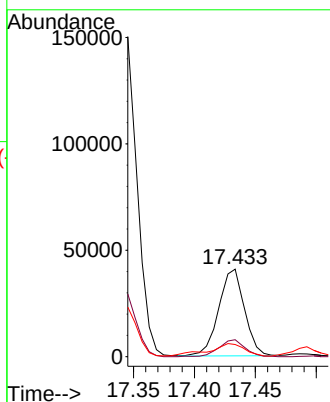
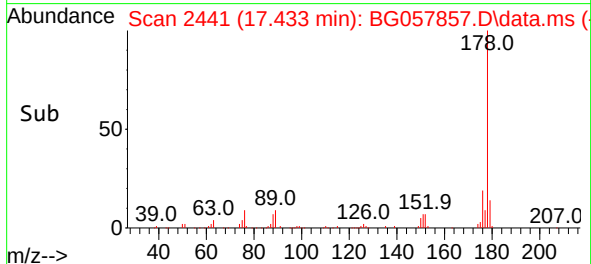
Instrument :
 BNA_G
 ClientSampleId :
 DOMINICK-SP



Tgt Ion:178 Resp: 60025
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 13.9 13.3 19.9

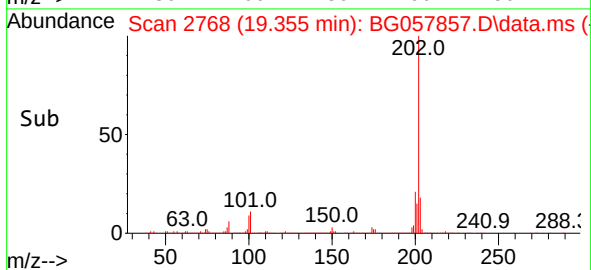
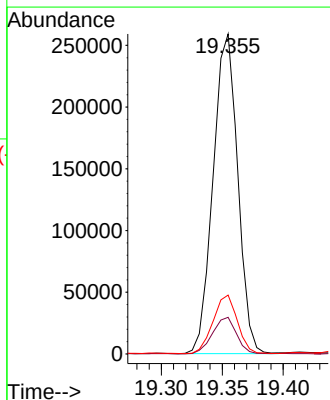
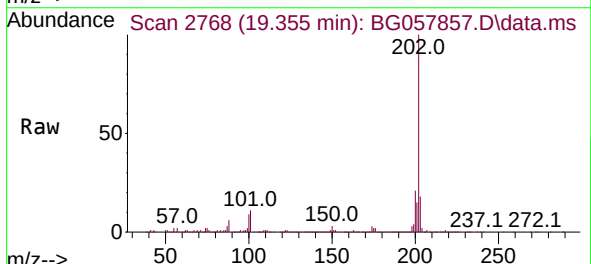
Manual Integrations
 APPROVED

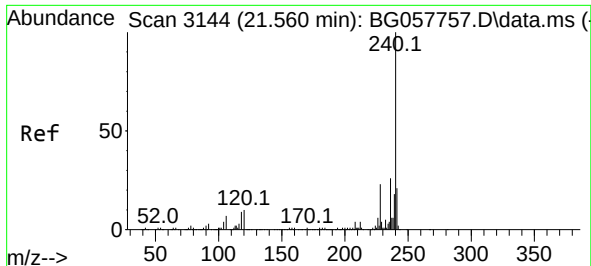
Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023



#75
 Fluoranthene
 Concen: 21.408 ng
 RT: 19.355 min Scan# 2768
 Delta R.T. -0.002 min
 Lab File: BG057857.D
 Acq: 24 Jun 2023 1:33

Tgt Ion:202 Resp: 364162
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 31.3
 203 18.4 0.0 38.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.552 min Scan# 3144
Delta R.T. -0.008 min
Lab File: BG057857.D
Acq: 24 Jun 2023 1:33

Instrument :

BNA_G

ClientSampleId :

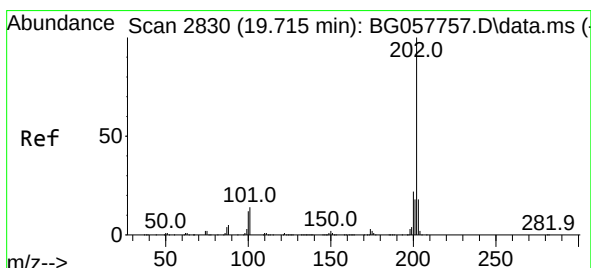
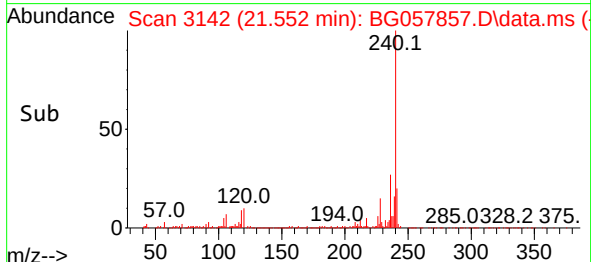
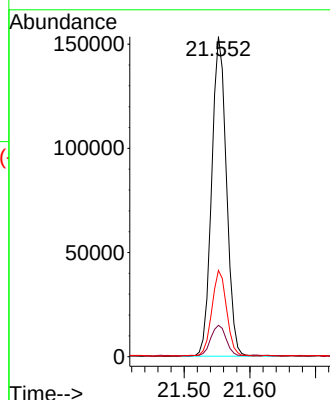
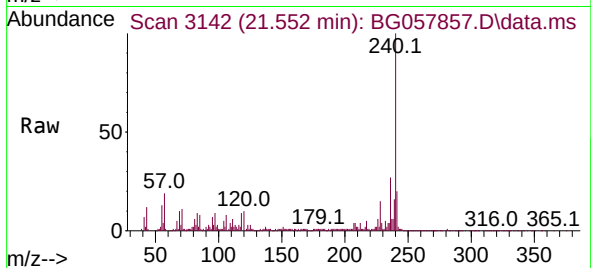
DOMINICK-SP

Tgt Ion:240 Resp: 24085
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 27.0 20.6 30.8

Manual Integrations

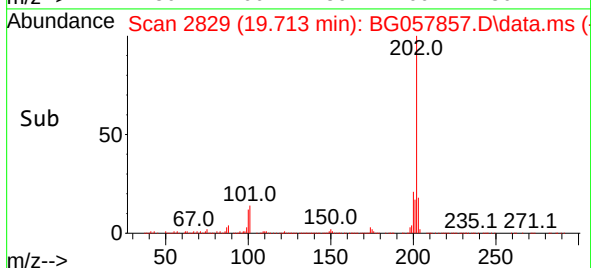
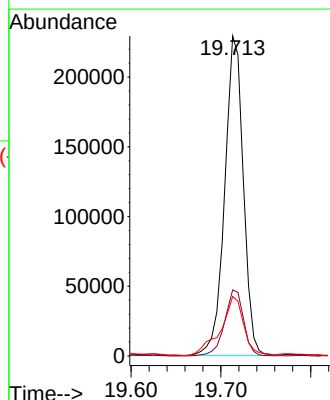
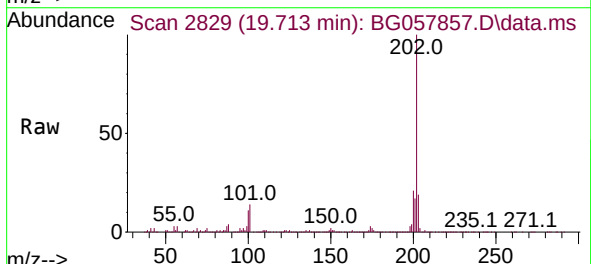
APPROVED

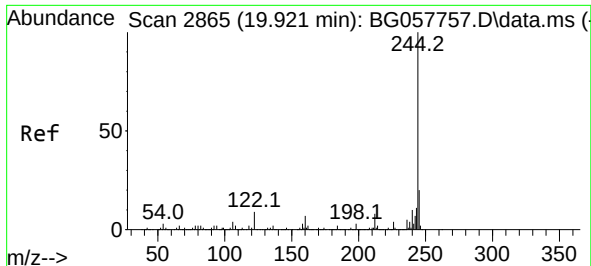
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#78
Pyrene
Concen: 19.228 ng
RT: 19.713 min Scan# 2829
Delta R.T. -0.002 min
Lab File: BG057857.D
Acq: 24 Jun 2023 1:33

Tgt Ion:202 Resp: 330362
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.0
203 18.6 14.6 22.0





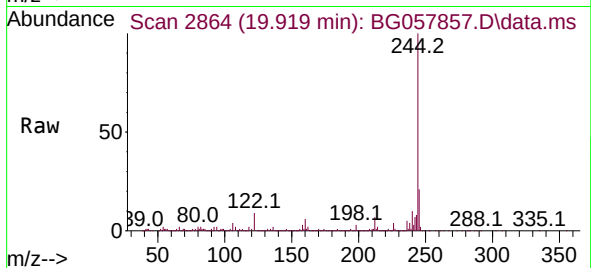
#79
 Terphenyl-d14
 Concen: 86.255 ng
 RT: 19.919 min Scan# 211
 Delta R.T. -0.002 min
 Lab File: BG057857.D
 Acq: 24 Jun 2023 1:33

Instrument :

BNA_G

ClientSampleId :

DOMINICK-SP



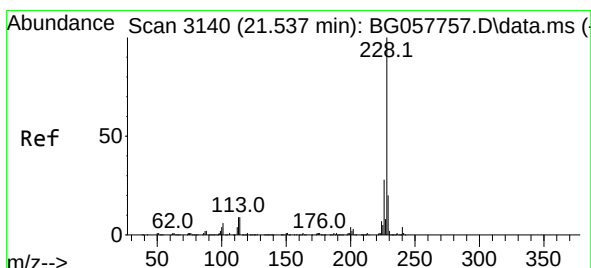
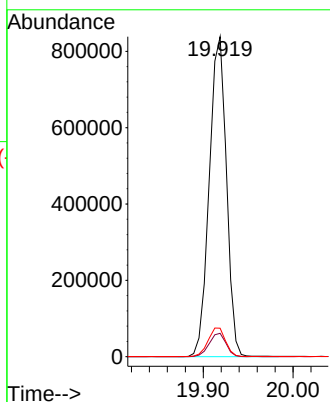
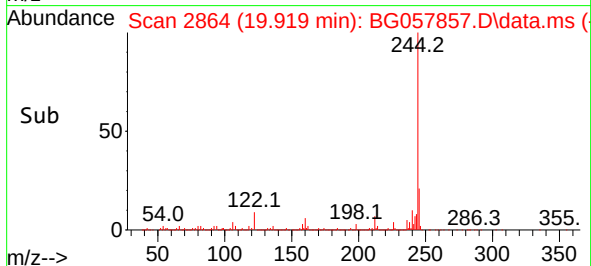
Tgt Ion:244 Resp: 1114132
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 8.9 7.6 11.4

Manual Integrations

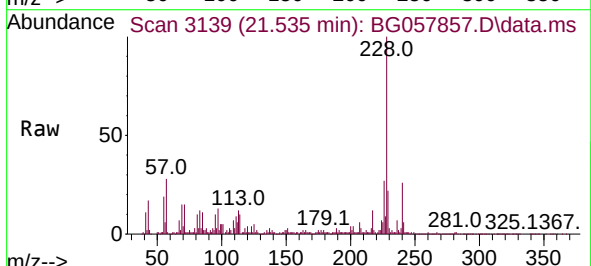
APPROVED

Reviewed By :Yogesh Patel 06/26/2023

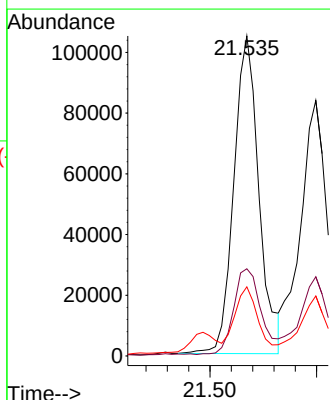
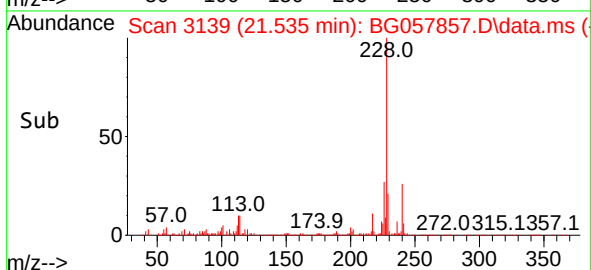
Supervised By :mohammad ahmed 06/27/2023

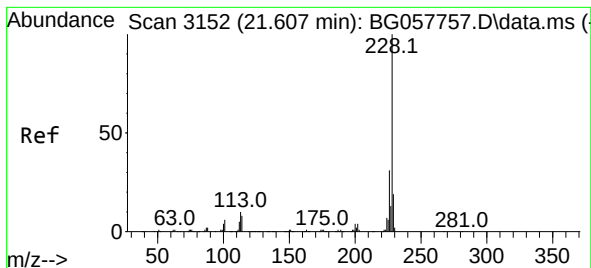


#81
 Benzo(a)anthracene
 Concen: 10.366 ng
 RT: 21.535 min Scan# 3139
 Delta R.T. -0.002 min
 Lab File: BG057857.D
 Acq: 24 Jun 2023 1:33



Tgt Ion:228 Resp: 171297
 Ion Ratio Lower Upper
 228 100
 226 27.3 22.3 33.5
 229 21.6 16.3 24.5





#83

Chrysene

Concen: 9.188 ng m

RT: 21.599 min Scan# 3152

Delta R.T. -0.008 min

Lab File: BG057857.D

Acq: 24 Jun 2023 1:33

Instrument :

BNA_G

ClientSampleId :

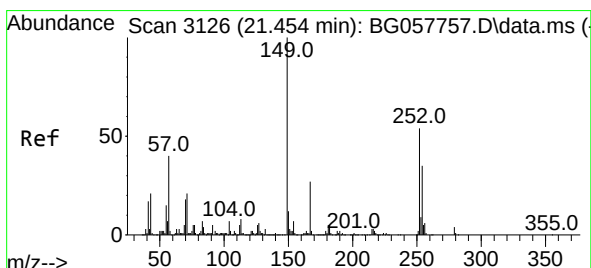
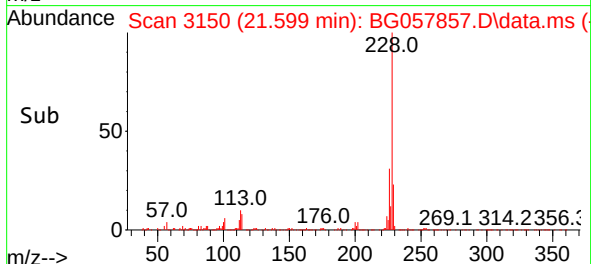
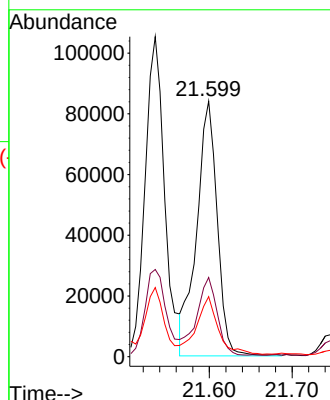
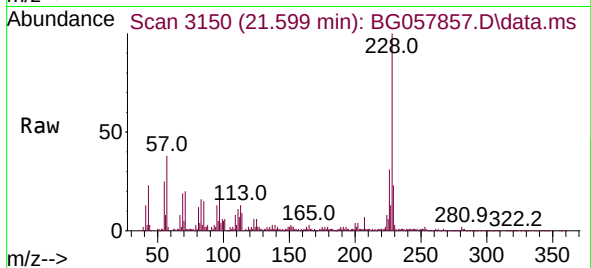
DOMINICK-SP

Tgt Ion:	228	Resp:	14571
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.8	37.2
229	23.5	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.380 ng

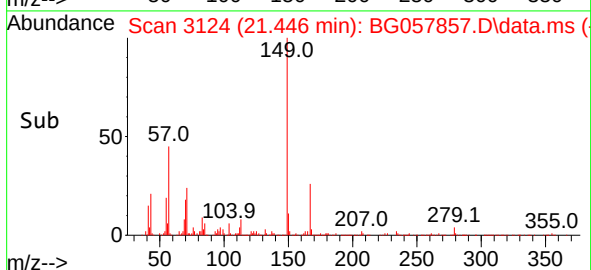
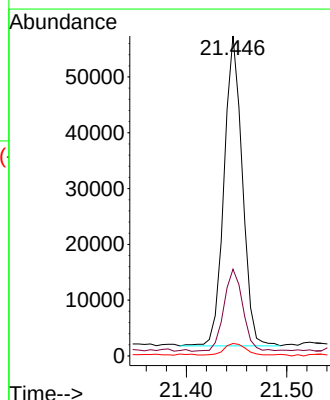
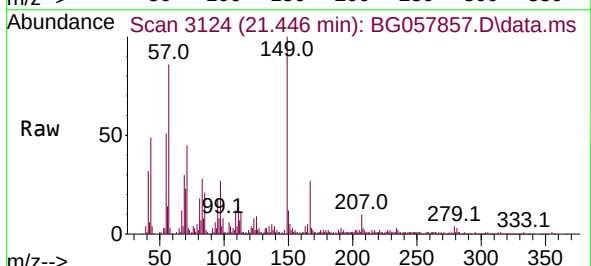
RT: 21.446 min Scan# 3124

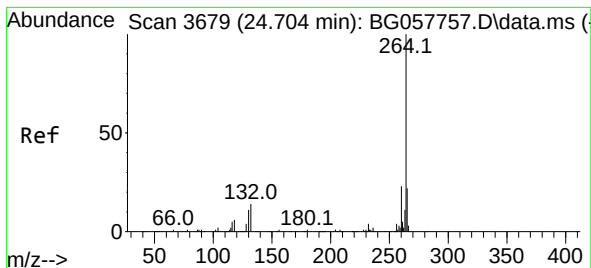
Delta R.T. -0.008 min

Lab File: BG057857.D

Acq: 24 Jun 2023 1:33

Tgt Ion:	149	Resp:	70029
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.8	32.8
279	3.9	2.9	4.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.707 min Scan# 30

Delta R.T. 0.004 min

Lab File: BG057857.D

Acq: 24 Jun 2023 1:33

Instrument :

BNA_G

ClientSampleId :

DOMINICK-SP

Tgt Ion:264 Resp: 299990

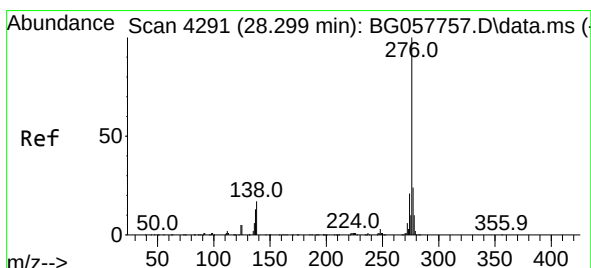
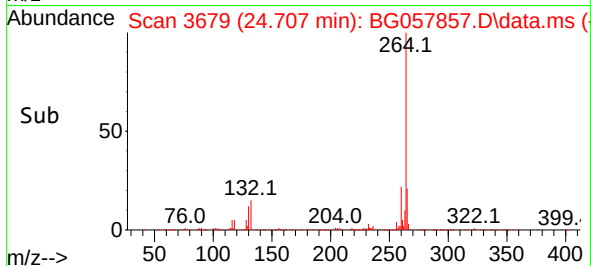
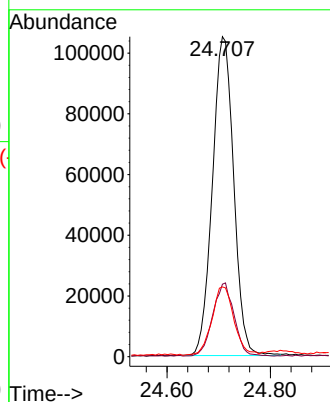
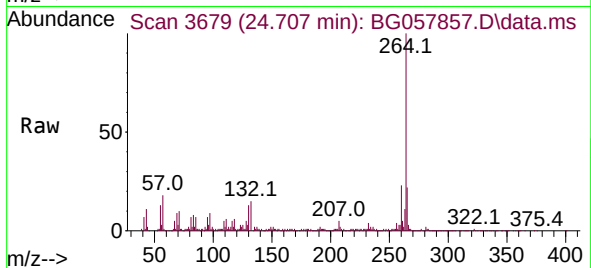
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.8	17.4	26.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.235 ng

RT: 28.291 min Scan# 4289

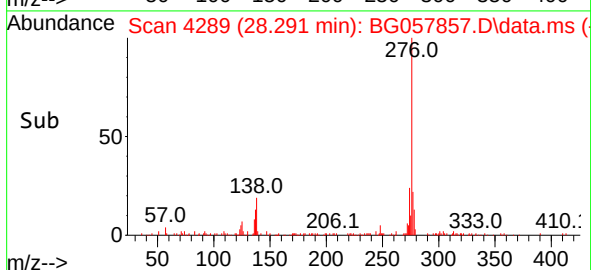
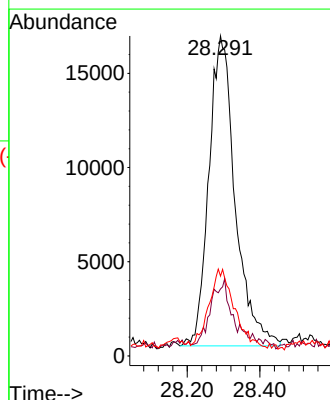
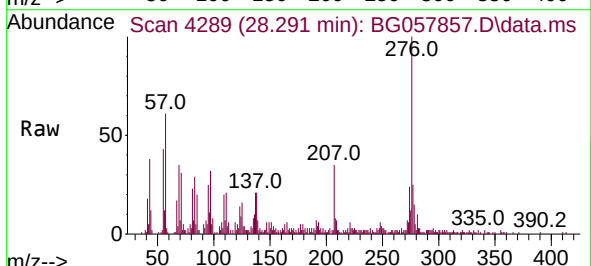
Delta R.T. -0.008 min

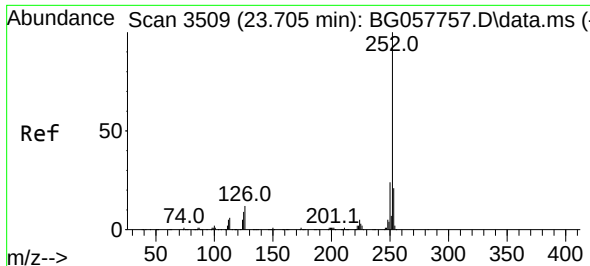
Lab File: BG057857.D

Acq: 24 Jun 2023 1:33

Tgt Ion:276 Resp: 83064

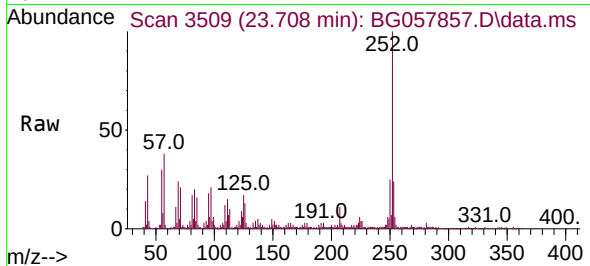
Ion	Ratio	Lower	Upper
276	100		
138	14.9	11.3	16.9
277	24.7	20.4	30.6





#88
Benzo(b)fluoranthene
Concen: 10.895 ng
RT: 23.708 min Scan# 3509
Delta R.T. 0.004 min
Lab File: BG057857.D
Acq: 24 Jun 2023 1:33

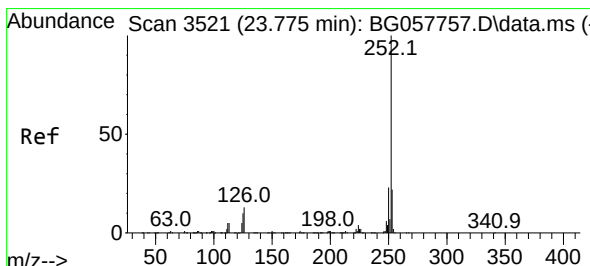
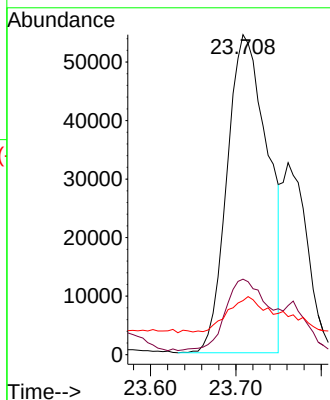
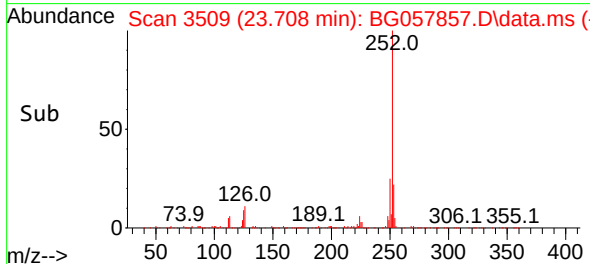
Instrument :
BNA_G
ClientSampleId :
DOMINICK-SP



Tgt Ion:252 Resp: 179104
Ion Ratio Lower Upper
252 100
253 23.6 17.1 25.7
125 16.9 7.4 11.0

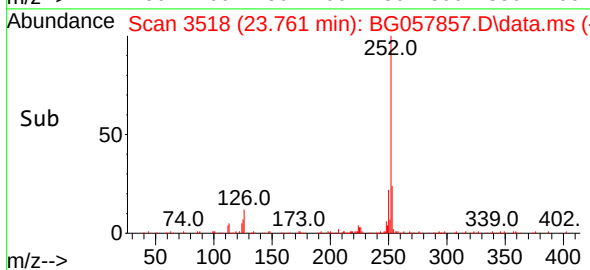
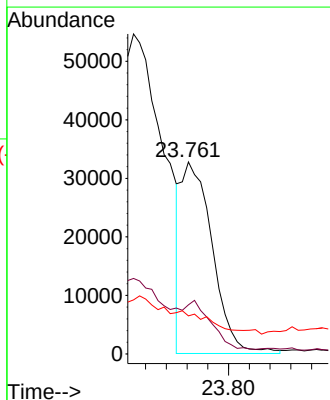
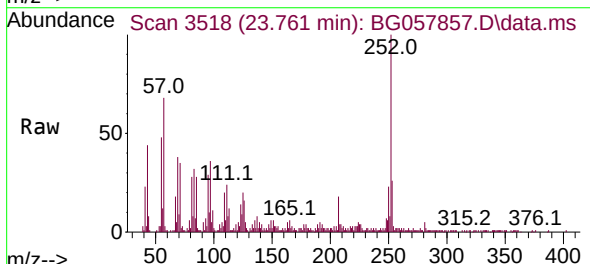
Manual Integrations
APPROVED

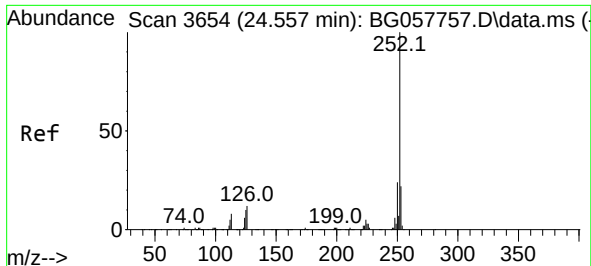
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#89
Benzo(k)fluoranthene
Concen: 4.076 ng m
RT: 23.761 min Scan# 3518
Delta R.T. -0.014 min
Lab File: BG057857.D
Acq: 24 Jun 2023 1:33

Tgt Ion:252 Resp: 68250
Ion Ratio Lower Upper
252 100
253 25.6 18.0 27.0
125 19.8 7.6 11.4





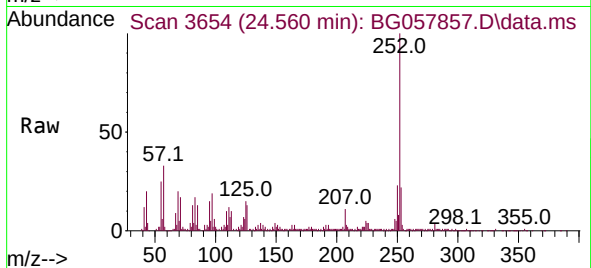
#90
Benzo(a)pyrene
Concen: 8.791 ng
RT: 24.560 min Scan# 30
Delta R.T. 0.004 min
Lab File: BG057857.D
Acq: 24 Jun 2023 1:33

Instrument :

BNA_G

ClientSampleId :

DOMINICK-SP

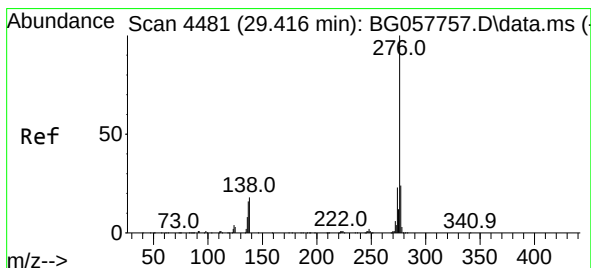
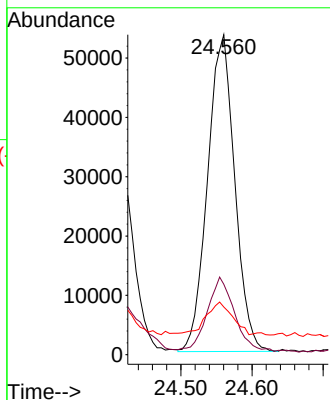
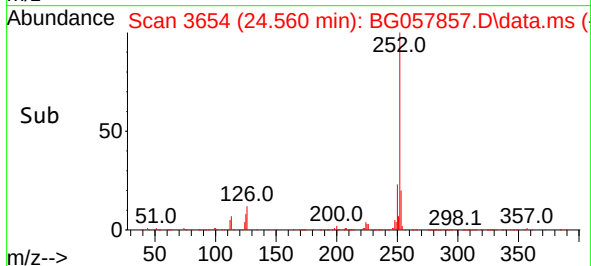


Tgt Ion:252 Resp: 141920
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 14.9 8.0 12.0

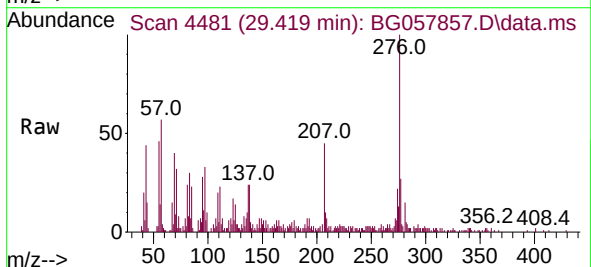
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#92
Benzo(g,h,i)perylene
Concen: 4.788 ng
RT: 29.419 min Scan# 4481
Delta R.T. 0.004 min
Lab File: BG057857.D
Acq: 24 Jun 2023 1:33



Tgt Ion:276 Resp: 78013
Ion Ratio Lower Upper
276 100
277 27.1 19.4 29.0
138 24.1 14.2 21.4

