

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
 Data File : BG055119.D
 Acq On : 10 Oct 2022 19:28
 Operator : CG/JU
 Sample : N5018-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SASP2-T-3-(0-5)

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/11/2022
 Supervised By :mohammad ahmed 10/17/2022

Quant Time: Oct 11 04:05:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	34752	20.000	ng	0.00
21) Naphthalene-d8	11.161	136	149522	20.000	ng	0.00
39) Acenaphthene-d10	14.933	164	108380	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	239965	20.000	ng	0.00
76) Chrysene-d12	21.966	240	219829	20.000	ng	0.00
86) Perylene-d12	25.415	264	241373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.850	112	208547	133.291	ng	0.00
7) Phenol-d6	7.460	99	284648	121.423	ng	0.00
23) Nitrobenzene-d5	9.499	82	180098	71.973	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	153703	136.159	ng	0.00
45) 2-Fluorobiphenyl	13.564	172	429011	61.796	ng	0.00
79) Terphenyl-d14	20.245	244	691357	63.566	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.712	178	256512	20.350	ng	99
72) Anthracene	17.801	178	33568	2.738	ng	98
75) Fluoranthene	19.698	202	475563	30.242	ng	98
78) Pyrene	20.057	202	443234	30.322	ng	98
81) Benzo(a)anthracene	21.943	228	206310	14.774	ng	100
83) Chrysene	22.013	228	230835	17.151	ng	99
84) Bis(2-ethylhexyl)phtha...	21.825	149	202397	31.150	ng	99
87) Indeno(1,2,3-cd)pyrene	29.369	276	149833	8.602	ng	# 94
88) Benzo(b)fluoranthene	24.311	252	287589	20.222	ng	98
89) Benzo(k)fluoranthene	24.375	252	107590m	7.509	ng	
90) Benzo(a)pyrene	25.245	252	207333	17.009	ng	97
92) Benzo(g,h,i)perylene	30.615	276	140149	9.867	ng	97

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

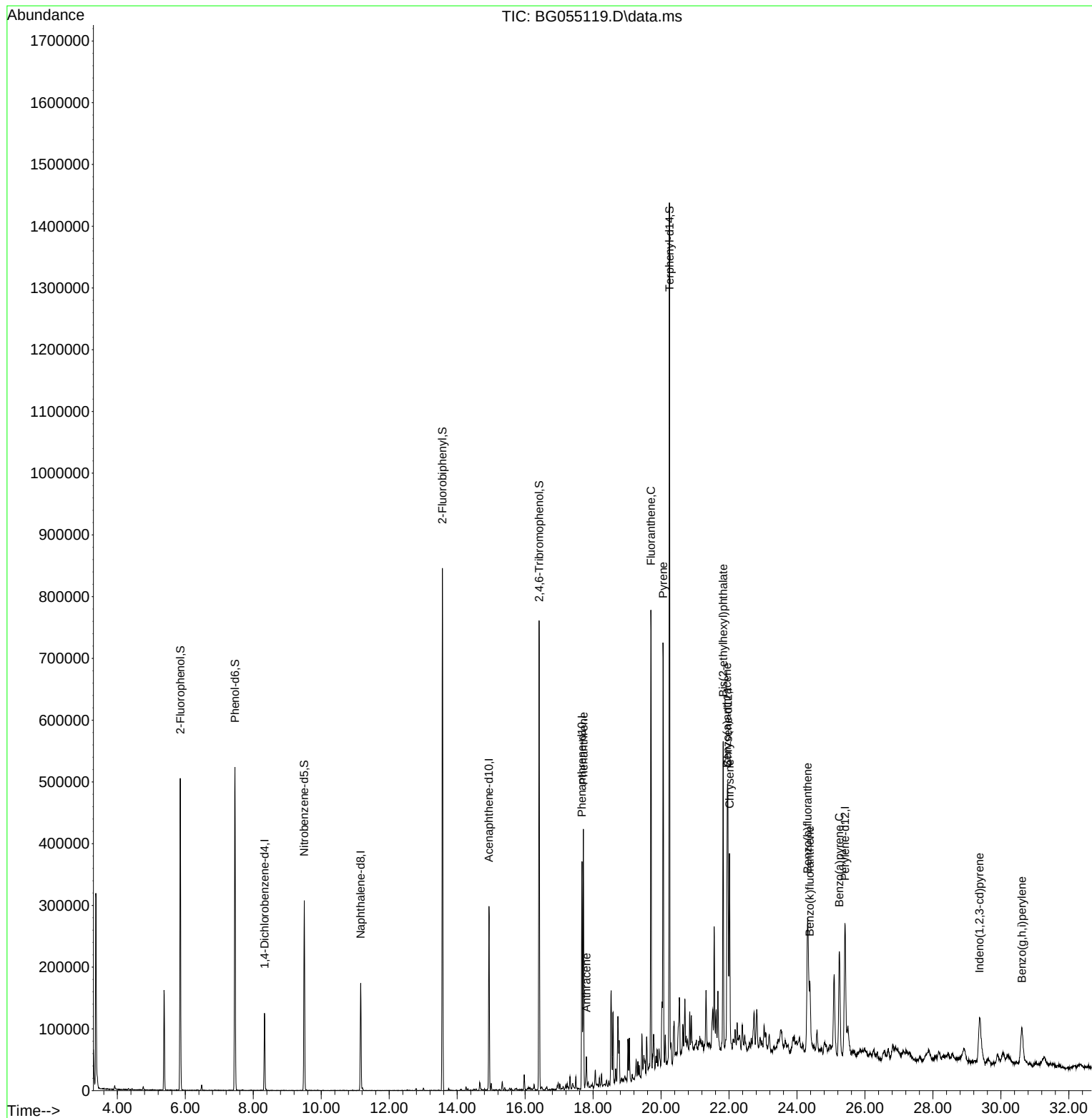
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
Data File : BG055119.D
Acq On : 10 Oct 2022 19:28
Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

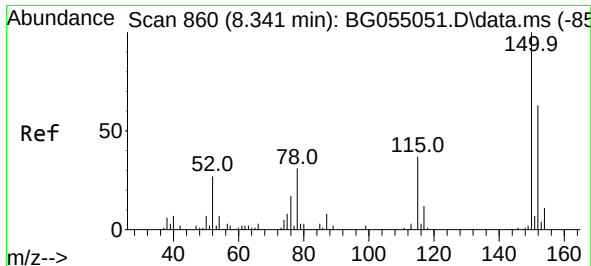
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

Quant Time: Oct 11 04:05:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 08 03:04:59 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

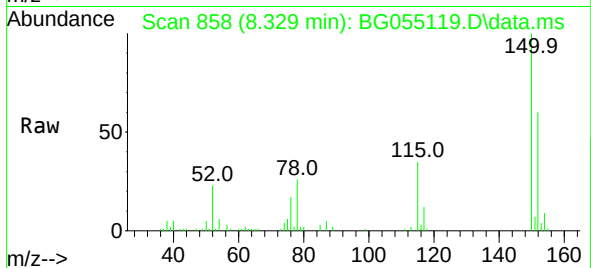
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.329 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28

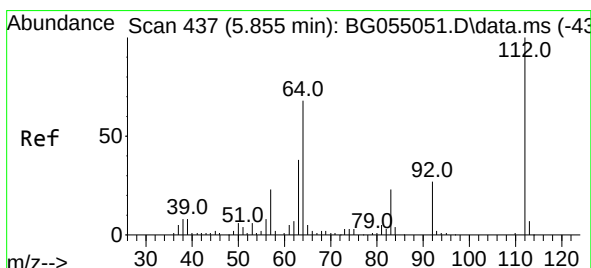
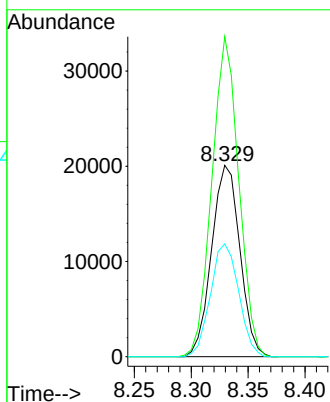
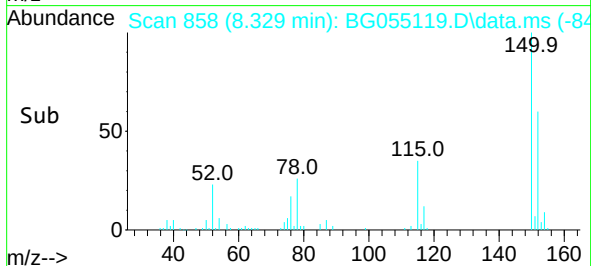
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)



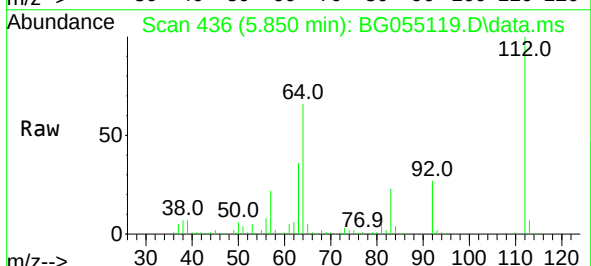
Tgt Ion:152 Resp: 34752
Ion Ratio Lower Upper
152 100
150 167.2 128.0 192.0
115 58.9 47.7 71.5

Manual Integrations
APPROVED

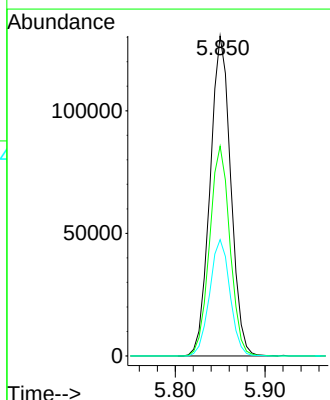
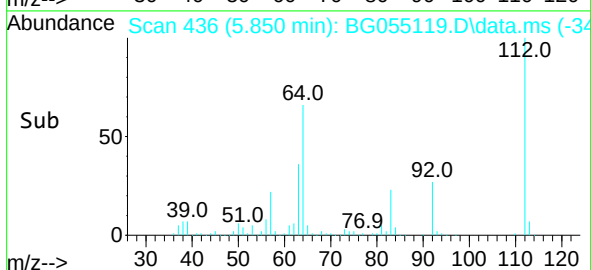
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

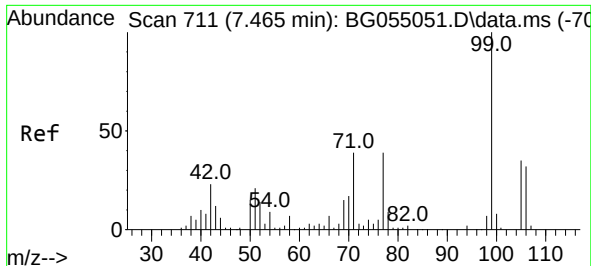


#5
2-Fluorophenol
Concen: 133.291 ng
RT: 5.850 min Scan# 436
Delta R.T. -0.002 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28



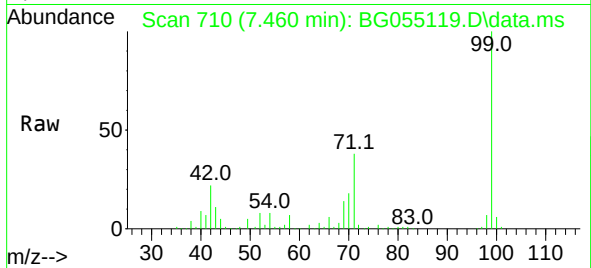
Tgt Ion:112 Resp: 208547
Ion Ratio Lower Upper
112 100
64 65.6 54.5 81.7
63 36.3 30.5 45.7





#7
Phenol-d6
Concen: 121.423 ng
RT: 7.460 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28

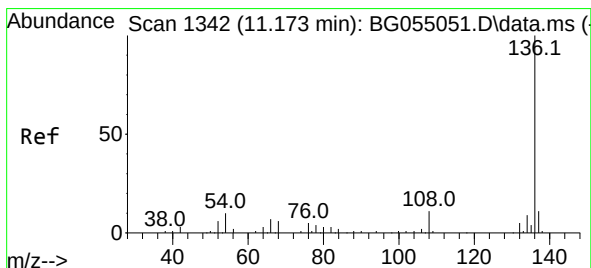
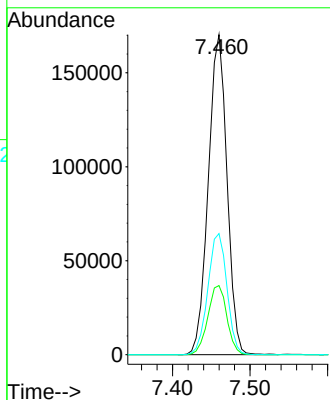
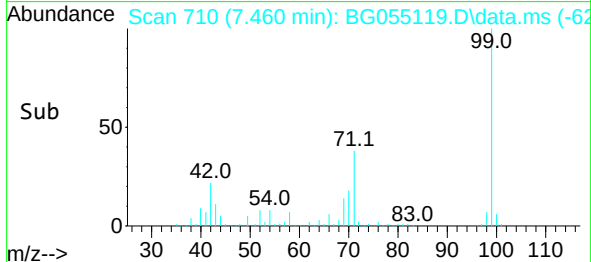
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)



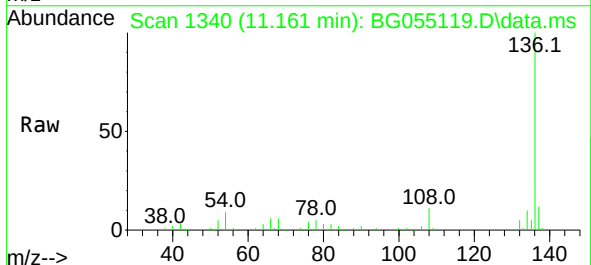
Tgt Ion: 99 Resp: 284648
Ion Ratio Lower Upper
99 100
42 21.6 18.6 28.0
71 37.8 31.2 46.8

Manual Integrations
APPROVED

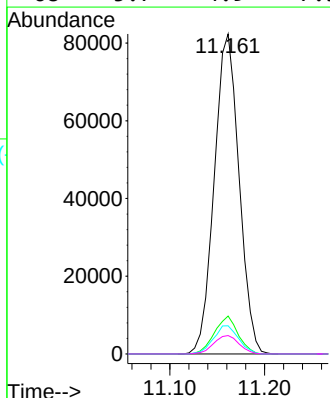
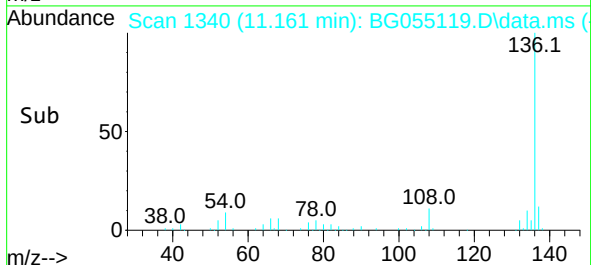
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

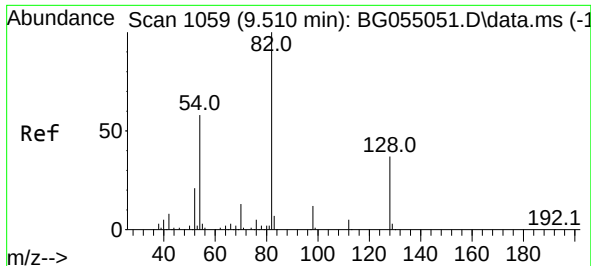


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.161 min Scan# 1340
Delta R.T. -0.008 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28



Tgt Ion:136 Resp: 149522
Ion Ratio Lower Upper
136 100
137 11.9 8.7 13.1
54 8.8 8.2 12.4
68 5.7 4.9 7.3





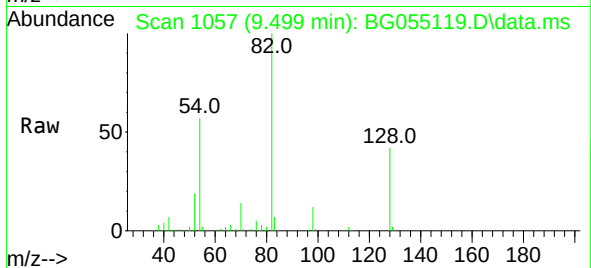
#23
Nitrobenzene-d5
Concen: 71.973 ng
RT: 9.499 min Scan# 1057
Delta R.T. -0.008 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28

Instrument :

BNA_G

ClientSampleId :

SASP2-T-3-(0-5)

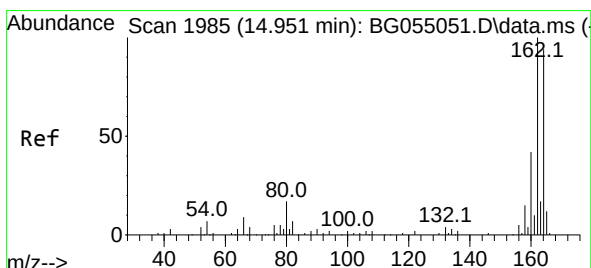
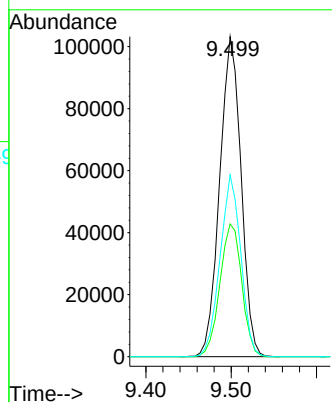
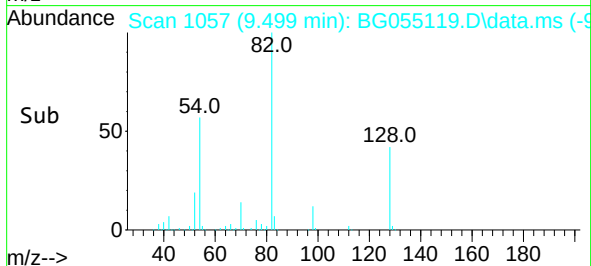


Tgt Ion: 82 Resp: 180098
Ion Ratio Lower Upper
82 100
128 41.5 29.5 44.3
54 56.7 46.7 70.1

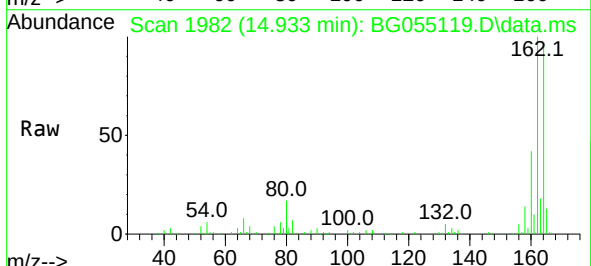
Manual Integrations

APPROVED

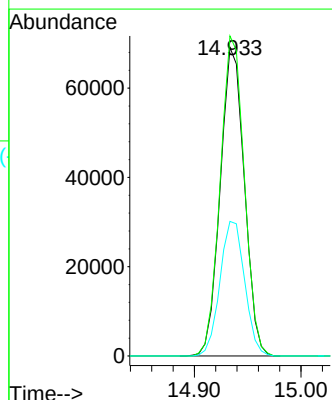
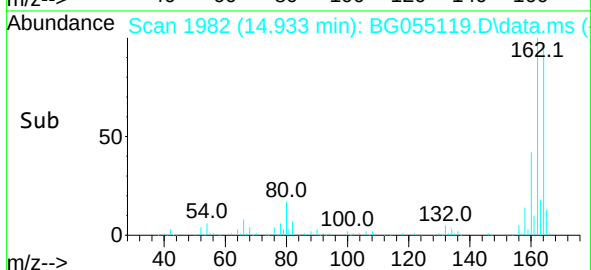
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

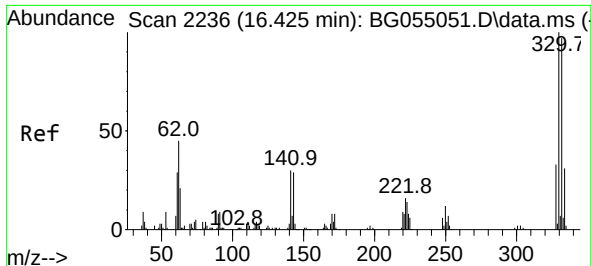


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.933 min Scan# 1982
Delta R.T. -0.008 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28



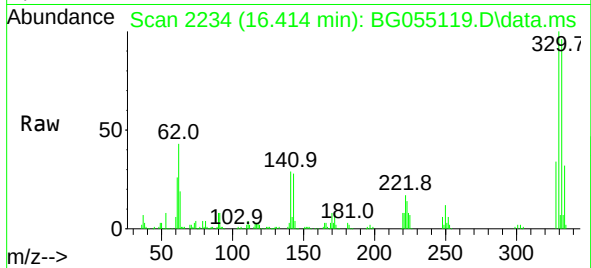
Tgt Ion:164 Resp: 108380
Ion Ratio Lower Upper
164 100
162 103.7 85.5 128.3
160 43.6 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 136.159 ng
RT: 16.414 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28

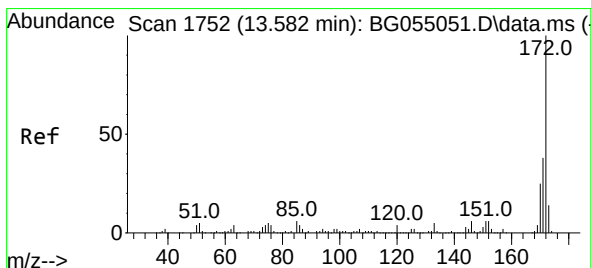
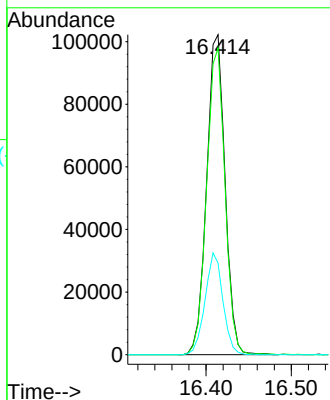
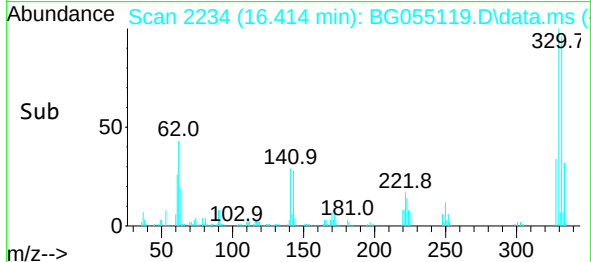
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)



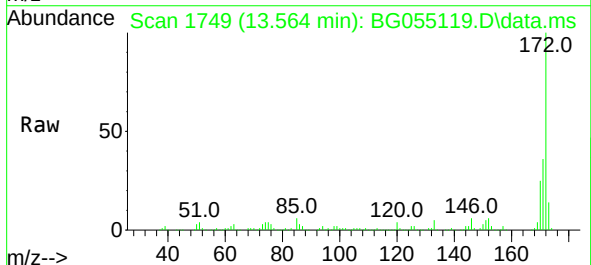
Tgt Ion:330 Resp: 15370
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.0
141 30.8 25.0 37.4

Manual Integrations
APPROVED

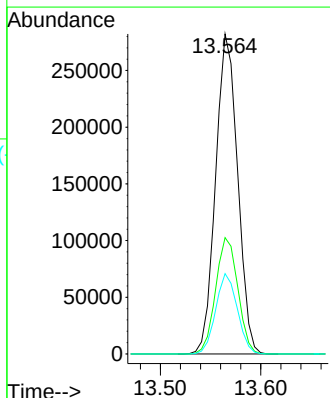
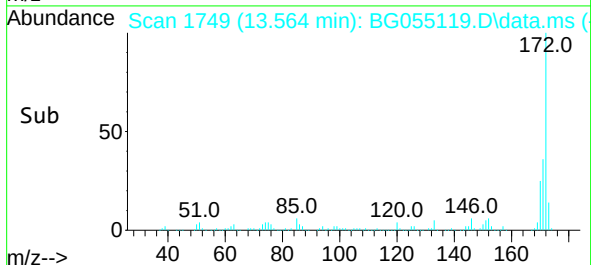
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

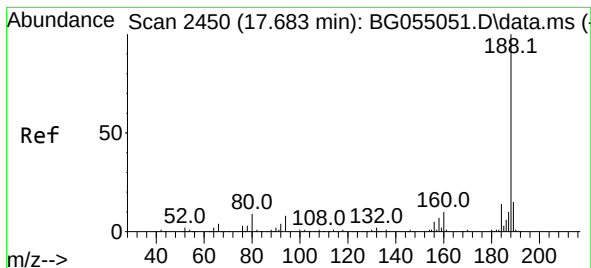


#45
2-Fluorobiphenyl
Concen: 61.796 ng
RT: 13.564 min Scan# 1749
Delta R.T. -0.008 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28



Tgt Ion:172 Resp: 429011
Ion Ratio Lower Upper
172 100
171 36.4 30.1 45.1
170 25.1 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.671 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG055119.D

Acq: 10 Oct 2022 19:28

Instrument :

BNA_G

ClientSampleId :

SASP2-T-3-(0-5)

Tgt Ion:188 Resp: 23996

Ion Ratio Lower Upper

188 100

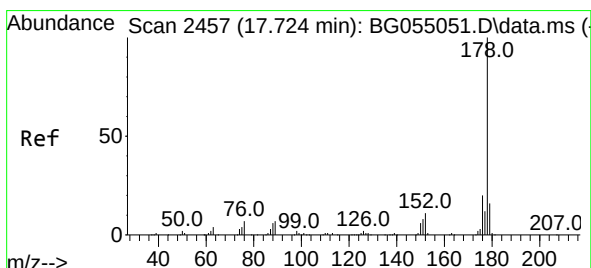
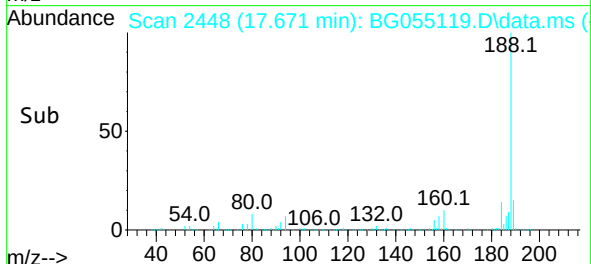
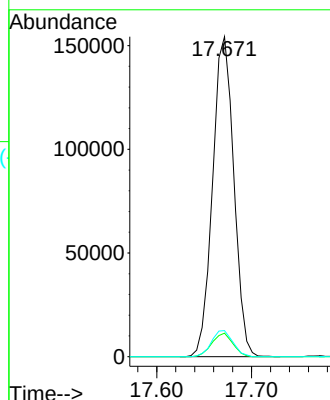
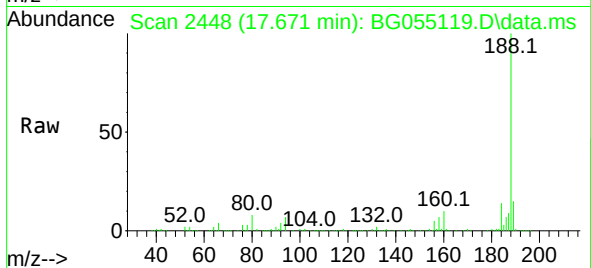
94 7.3 6.2 9.2

80 8.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#71

Phenanthrene

Concen: 20.350 ng

RT: 17.712 min Scan# 2455

Delta R.T. -0.008 min

Lab File: BG055119.D

Acq: 10 Oct 2022 19:28

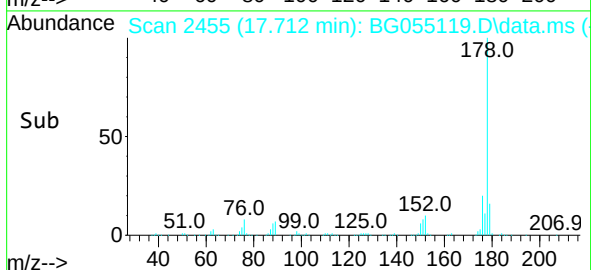
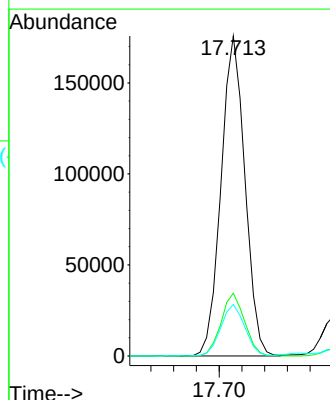
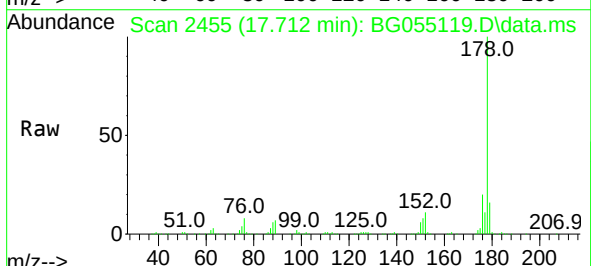
Tgt Ion:178 Resp: 256512

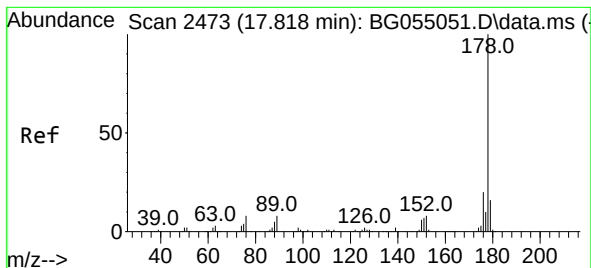
Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 16.1 13.2 19.8





#72

Anthracene

Concen: 2.738 ng

RT: 17.801 min Scan# 2473

Delta R.T. -0.008 min

Lab File: BG055119.D

Acq: 10 Oct 2022 19:28

Instrument :

BNA_G

ClientSampleId :

SASP2-T-3-(0-5)

Tgt Ion:178 Resp: 3356

Ion Ratio Lower Upper

178 100

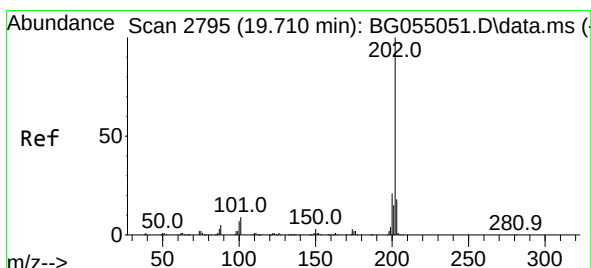
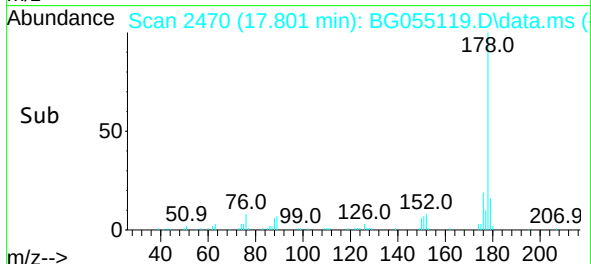
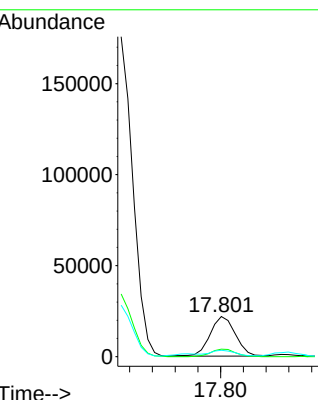
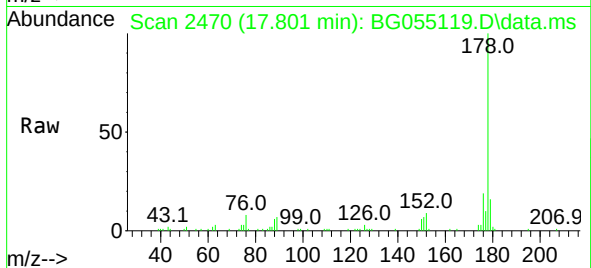
176 18.7 15.7 23.5

179 16.0 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#75

Fluoranthene

Concen: 30.242 ng

RT: 19.698 min Scan# 2793

Delta R.T. -0.008 min

Lab File: BG055119.D

Acq: 10 Oct 2022 19:28

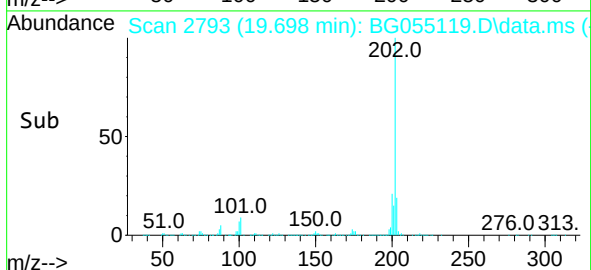
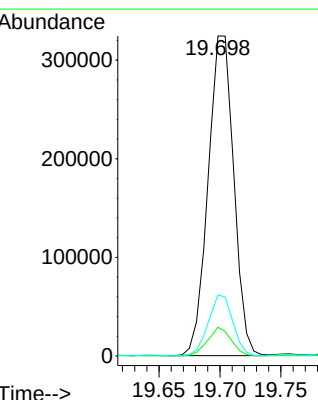
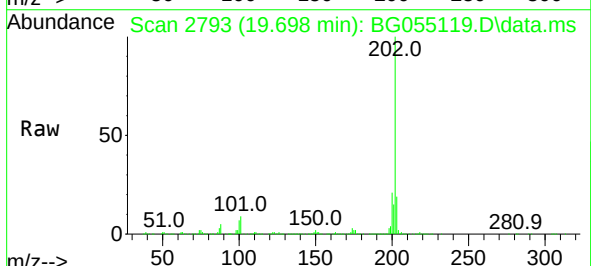
Tgt Ion:202 Resp: 475563

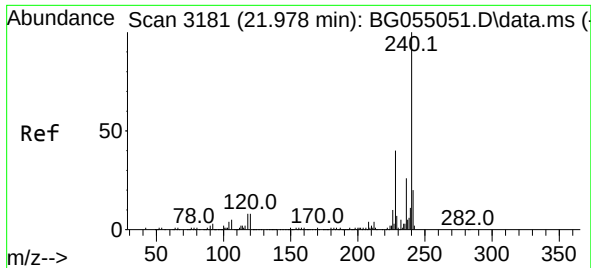
Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.9

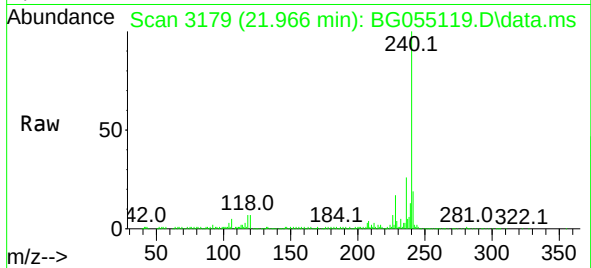
203 19.1 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.966 min Scan# 3181
Delta R.T. -0.002 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28

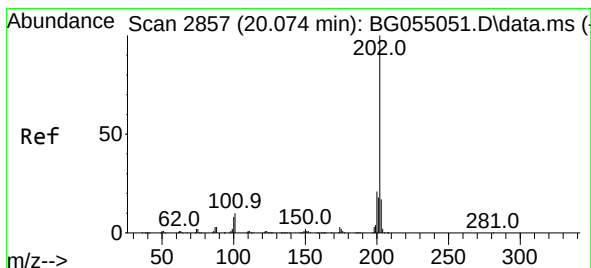
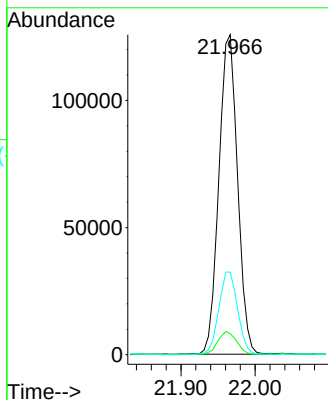
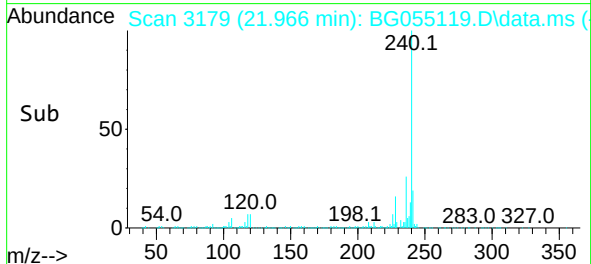
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)



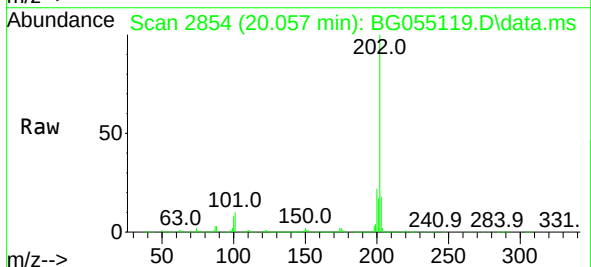
Tgt Ion:240 Resp: 219829
Ion Ratio Lower Upper
240 100
120 6.6 6.2 9.4
236 25.8 20.6 30.8

Manual Integrations
APPROVED

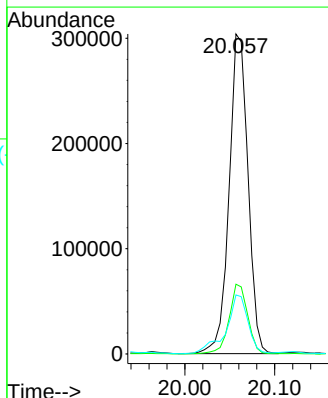
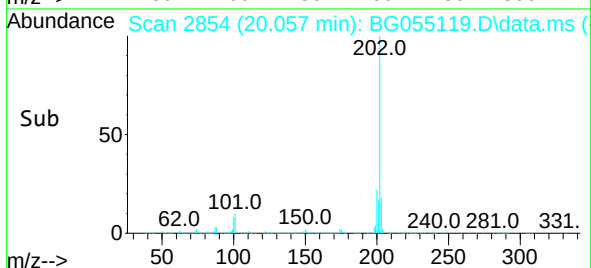
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

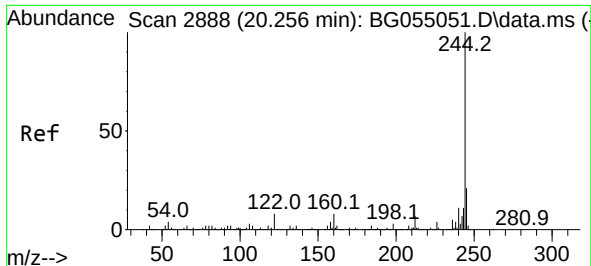


#78
Pyrene
Concen: 30.322 ng
RT: 20.057 min Scan# 2854
Delta R.T. -0.008 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28



Tgt Ion:202 Resp: 443234
Ion Ratio Lower Upper
202 100
200 21.8 16.6 25.0
203 18.5 14.0 21.0





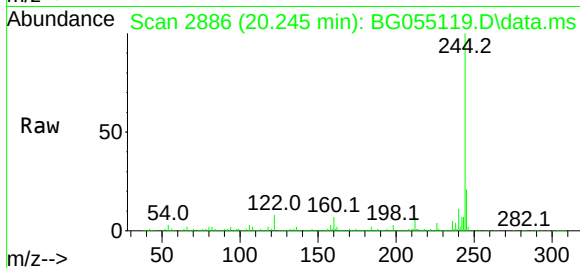
#79
 Terphenyl-d14
 Concen: 63.566 ng
 RT: 20.245 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG055119.D
 Acq: 10 Oct 2022 19:28

Instrument :

BNA_G

ClientSampleId :

SASP2-T-3-(0-5)

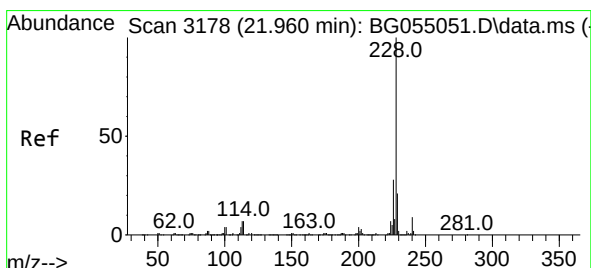
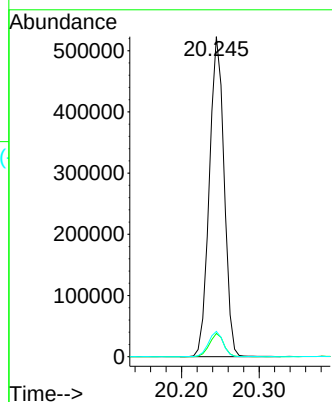
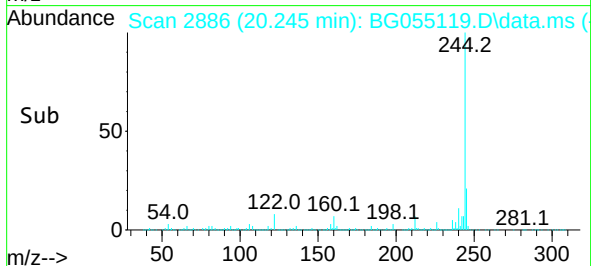


Tgt Ion:244 Resp: 69135
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.9 6.6 10.0

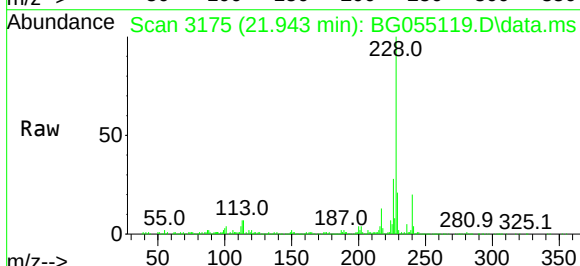
Manual Integrations

APPROVED

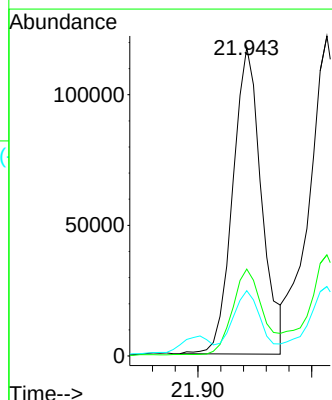
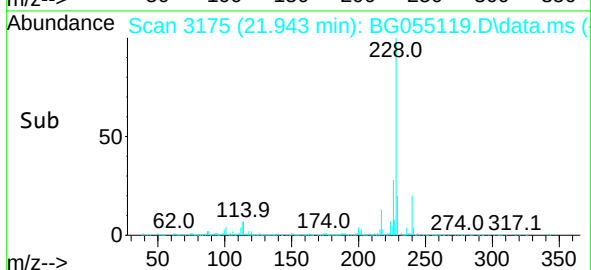
Reviewed By :Christian Giraldo 10/11/2022
 Supervised By :mohammad ahmed 10/17/2022

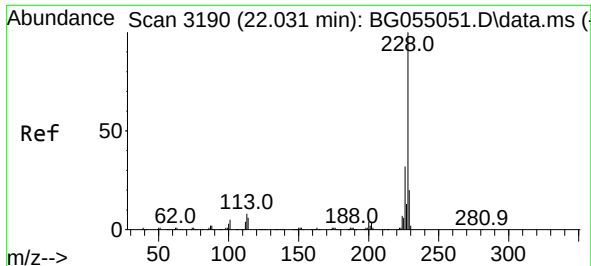


#81
 Benzo(a)anthracene
 Concen: 14.774 ng
 RT: 21.943 min Scan# 3175
 Delta R.T. -0.008 min
 Lab File: BG055119.D
 Acq: 10 Oct 2022 19:28



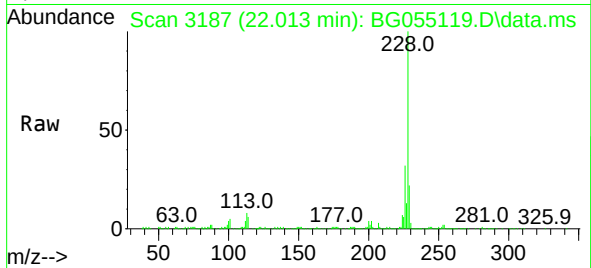
Tgt Ion:228 Resp: 206310
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.4 33.6
 229 21.2 16.7 25.1





#83
Chrysene
Concen: 17.151 ng
RT: 22.013 min Scan# 3190
Delta R.T. -0.008 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28

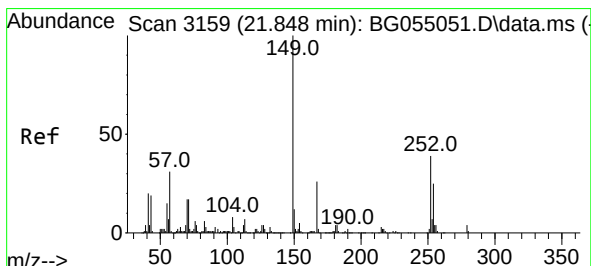
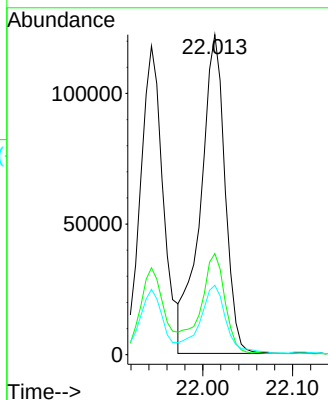
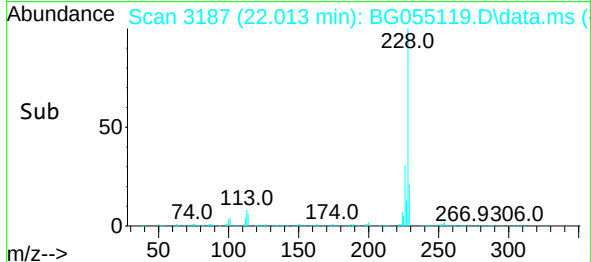
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)



Tgt Ion:228 Resp: 230835
Ion Ratio Lower Upper
228 100
226 31.6 25.3 37.9
229 21.7 16.1 24.1

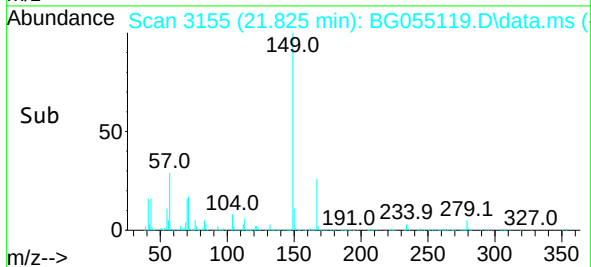
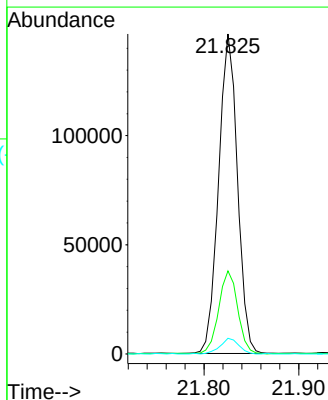
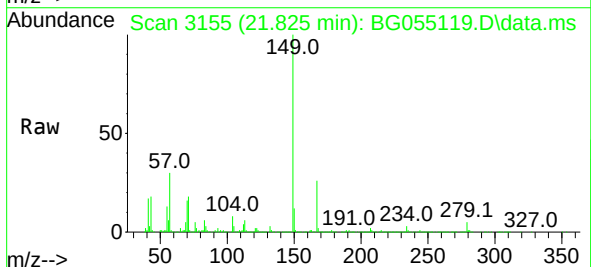
Manual Integrations
APPROVED

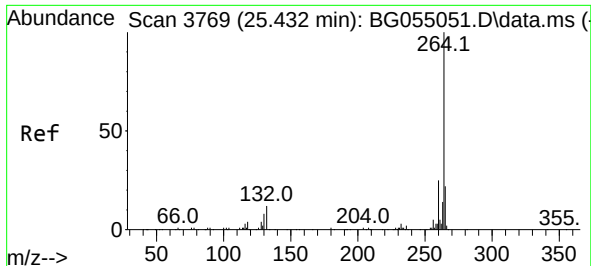
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 31.150 ng
RT: 21.825 min Scan# 3155
Delta R.T. -0.008 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28

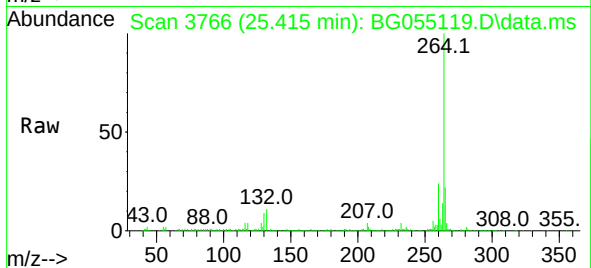
Tgt Ion:149 Resp: 202397
Ion Ratio Lower Upper
149 100
167 25.9 21.0 31.4
279 4.9 3.4 5.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.415 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28

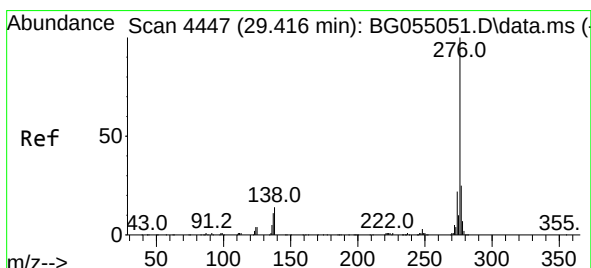
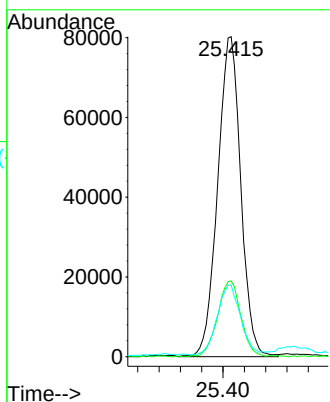
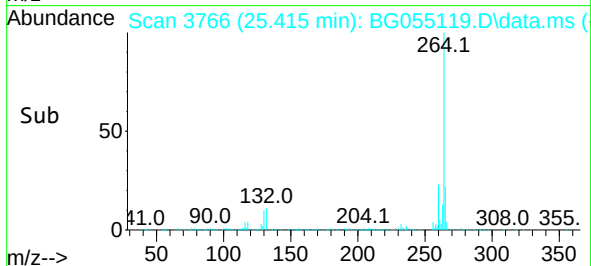
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)



Tgt Ion:264 Resp: 24137
Ion Ratio Lower Upper
264 100
260 23.7 19.7 29.5
265 22.4 17.8 26.6

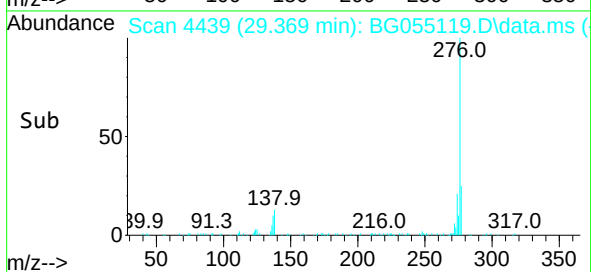
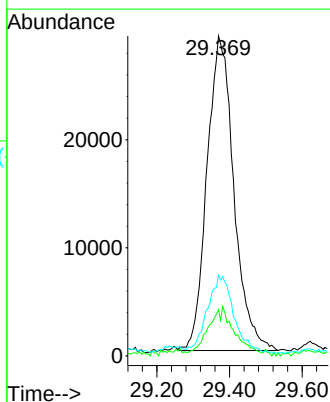
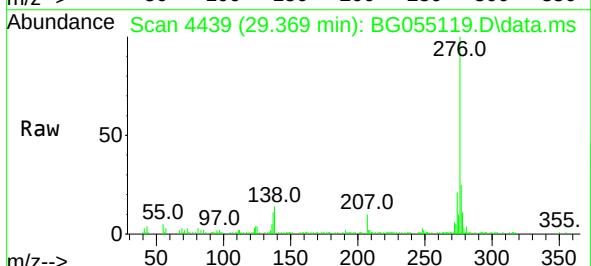
Manual Integrations
APPROVED

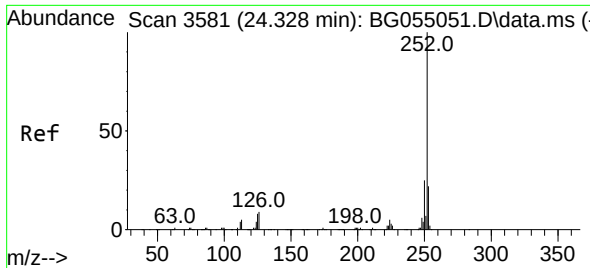
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 8.602 ng
RT: 29.369 min Scan# 4439
Delta R.T. -0.020 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28

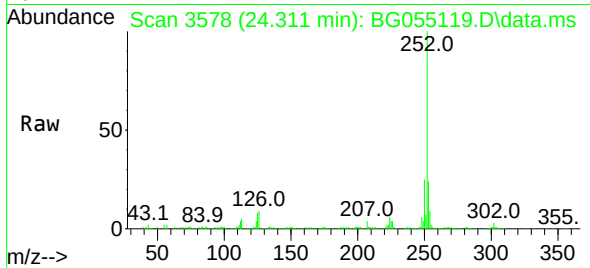
Tgt Ion:276 Resp: 149833
Ion Ratio Lower Upper
276 100
138 6.5 10.0 15.0#
277 24.4 20.0 30.0





#88
Benzo(b)fluoranthene
Concen: 20.222 ng
RT: 24.311 min Scan# 3581
Delta R.T. -0.008 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28

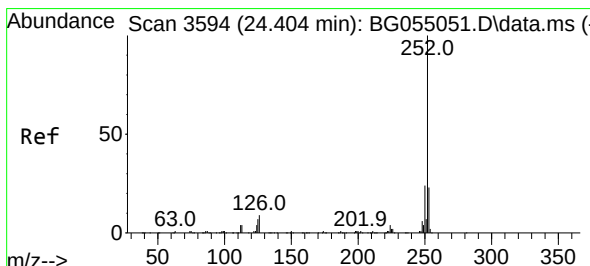
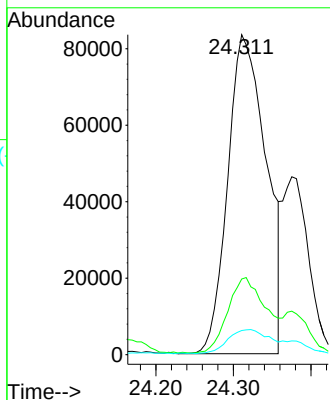
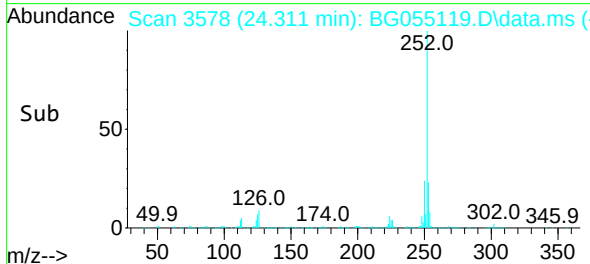
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)



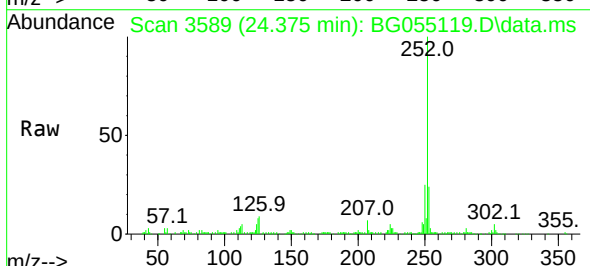
Tgt Ion:252 Resp: 287589
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 7.6 6.1 9.1

Manual Integrations
APPROVED

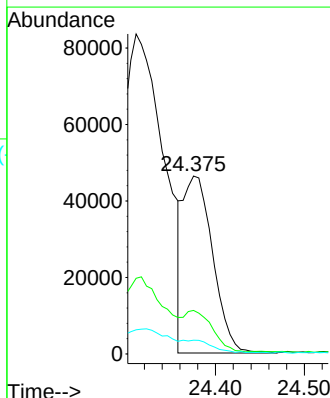
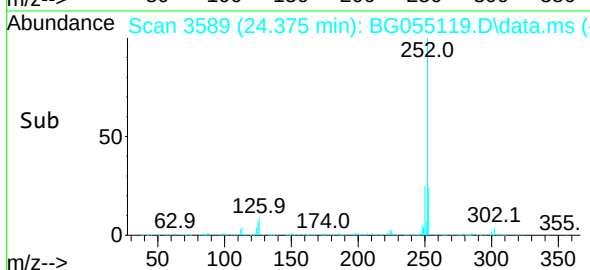
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

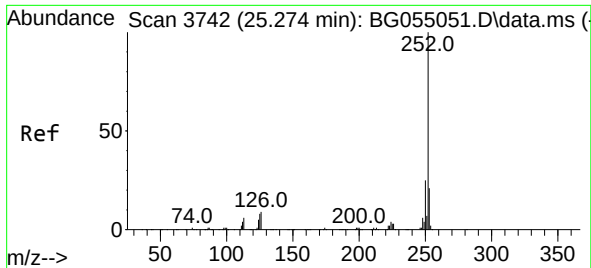


#89
Benzo(k)fluoranthene
Concen: 7.509 ng m
RT: 24.375 min Scan# 3589
Delta R.T. -0.014 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28



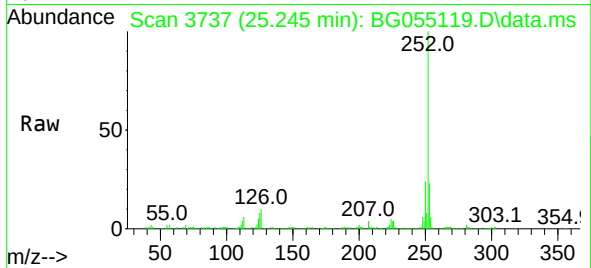
Tgt Ion:252 Resp: 107590
Ion Ratio Lower Upper
252 100
253 24.5 17.9 26.9
125 7.7 5.8 8.6





#90
Benzo(a)pyrene
Concen: 17.009 ng
RT: 25.245 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28

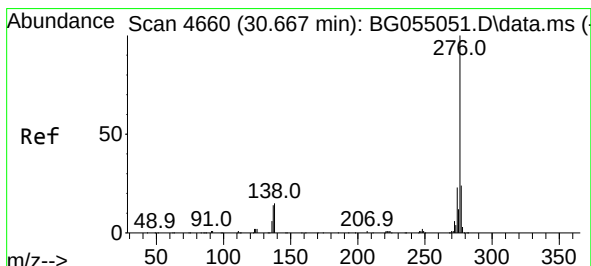
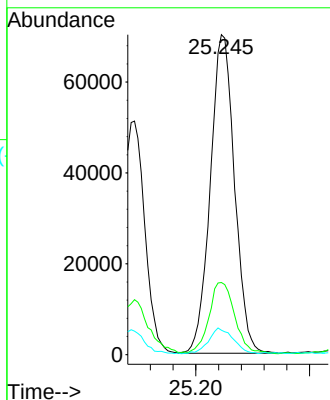
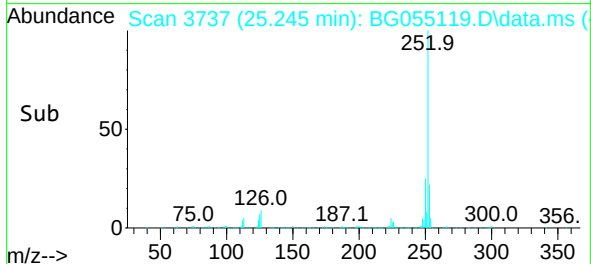
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)



Tgt Ion:252 Resp: 20733
Ion Ratio Lower Upper
252 100
253 22.6 16.9 25.3
125 7.7 6.6 9.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#92
Benzo(g,h,i)perylene
Concen: 9.867 ng
RT: 30.615 min Scan# 4651
Delta R.T. -0.014 min
Lab File: BG055119.D
Acq: 10 Oct 2022 19:28

Tgt Ion:276 Resp: 140149
Ion Ratio Lower Upper
276 100
277 24.9 18.8 28.2
138 13.4 11.8 17.6

