

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
 Data File : BG054183.D
 Acq On : 1 Jul 2022 00:04
 Operator : CG/JU
 Sample : N3549-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ML-1

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/01/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

Quant Time: Jul 01 04:06:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	25326	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	100983	20.000	ng	# 0.00
39) Acenaphthene-d10	14.694	164	69839	20.000	ng	0.00
64) Phenanthrene-d10	17.443	188	156535	20.000	ng	# 0.00
76) Chrysene-d12	21.721	240	162163	20.000	ng	0.00
86) Perylene-d12	24.987	264	124510	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	132673	100.158	ng	0.00
7) Phenol-d6	7.238	99	177082	98.544	ng	0.00
23) Nitrobenzene-d5	9.229	82	120758	67.201	ng	0.00
42) 2,4,6-Tribromophenol	16.186	330	117321	104.556	ng	0.00
45) 2-Fluorobiphenyl	13.319	172	336524	70.068	ng	0.00
79) Terphenyl-d14	20.046	244	558338	69.346	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.494	202	26283	2.490	ng	93
78) Pyrene	19.852	202	31594m	3.226	ng	
83) Chrysene	21.762	228	21436	2.142	ng	# 84
88) Benzo(b)fluoranthene	23.953	252	22433	2.963	ng	# 55
90) Benzo(a)pyrene	24.841	252	13334	2.088	ng	# 57

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

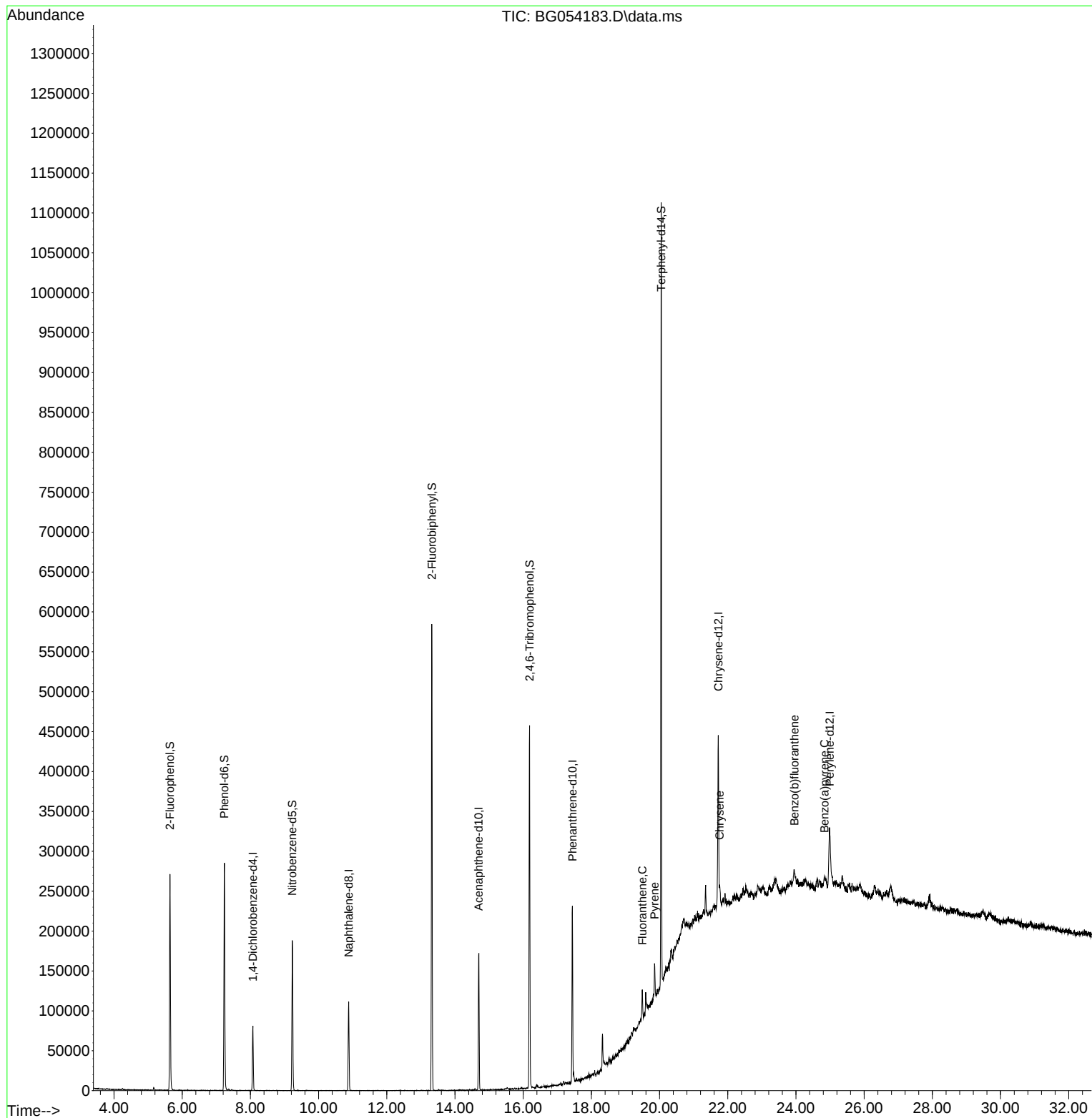
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054183.D
Acq On : 1 Jul 2022 00:04
Operator : CG/JU
Sample : N3549-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

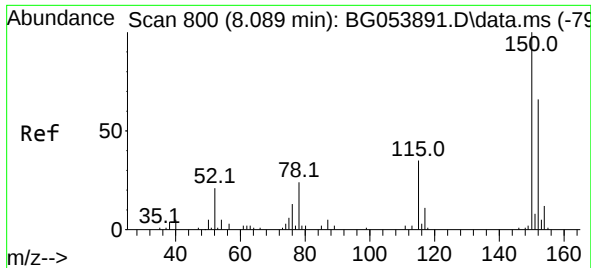
Instrument :
BNA_G
ClientSampleId :
ML-1

Quant Time: Jul 01 04:06:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

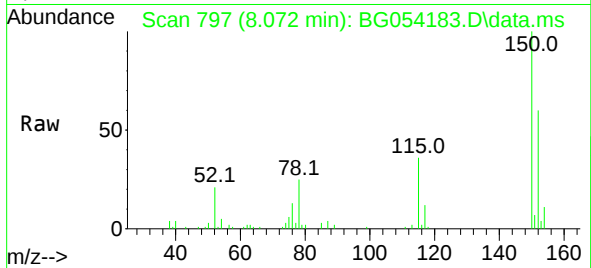
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.072 min Scan# 79
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

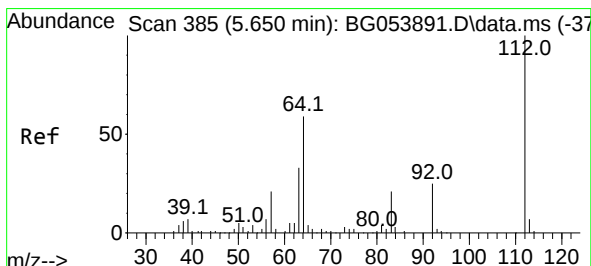
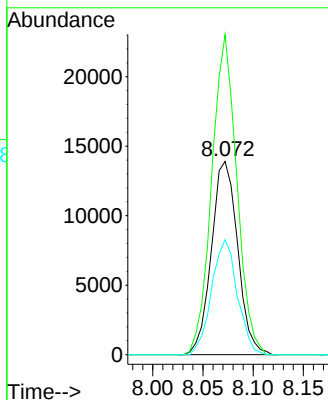
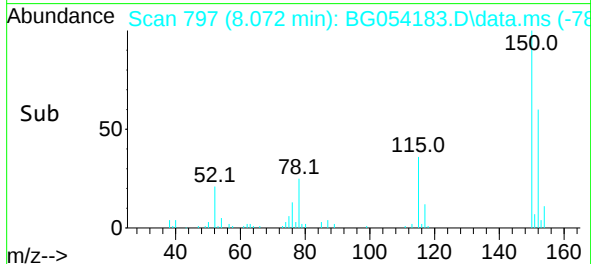
Instrument :
BNA_G
ClientSampleId :
ML-1



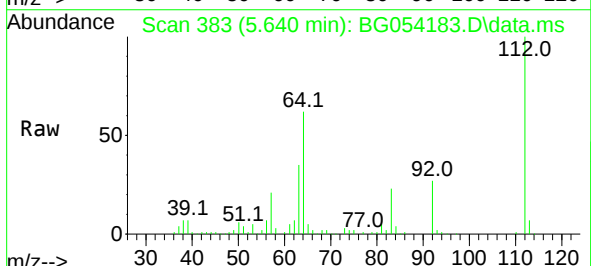
Tgt Ion:152 Resp: 25320
Ion Ratio Lower Upper
152 100
150 165.5 131.6 197.4
115 59.5 50.9 76.3

Manual Integrations
APPROVED

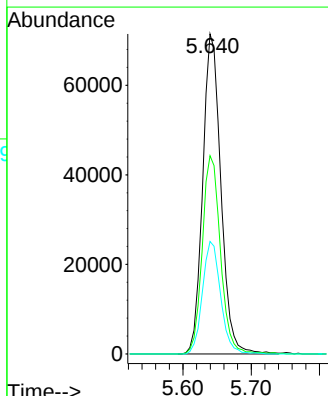
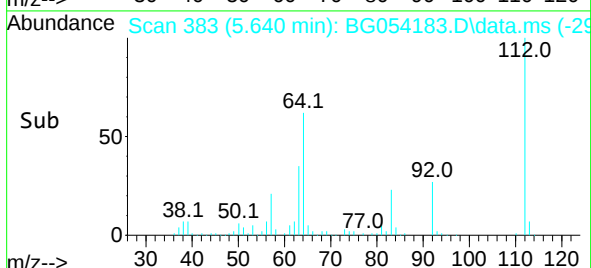
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

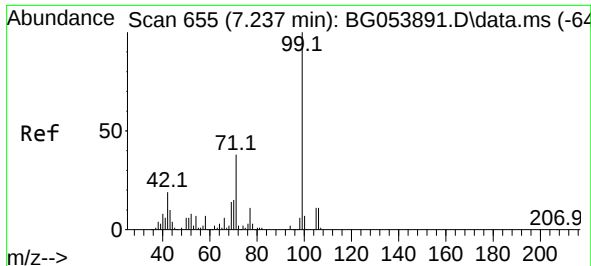


#5
2-Fluorophenol
Concen: 100.158 ng
RT: 5.640 min Scan# 383
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04



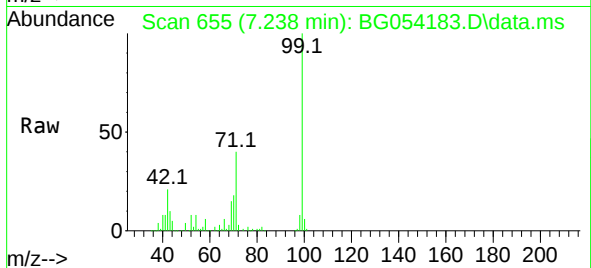
Tgt Ion:112 Resp: 132673
Ion Ratio Lower Upper
112 100
64 61.9 55.1 82.7
63 35.2 30.4 45.6





#7
Phenol-d6
Concen: 98.544 ng
RT: 7.238 min Scan# 61
Delta R.T. 0.008 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

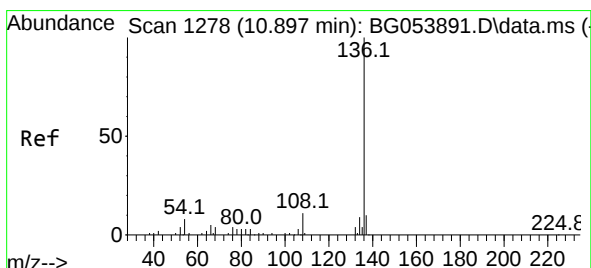
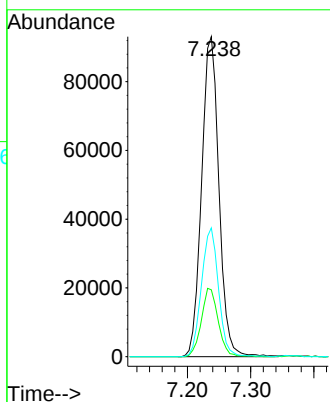
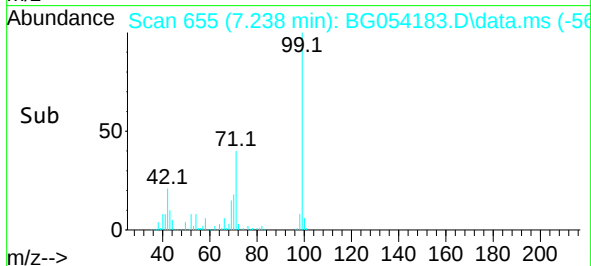
Instrument :
BNA_G
ClientSampleId :
ML-1



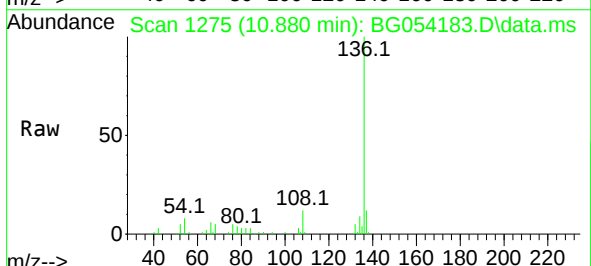
Tgt Ion: 99 Resp: 177082
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 40.3 33.8 50.8

Manual Integrations
APPROVED

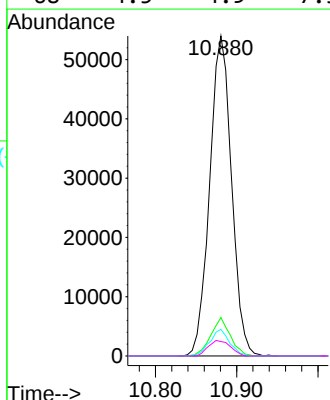
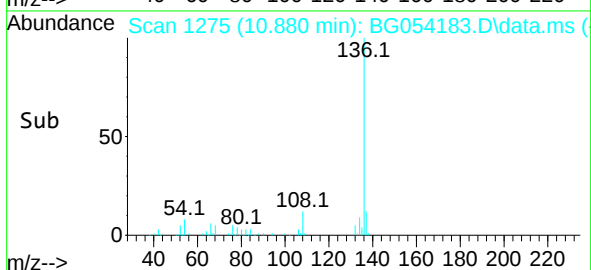
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

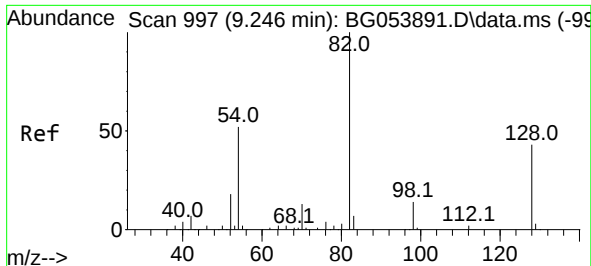


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 1275
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04



Tgt Ion:136 Resp: 100983
Ion Ratio Lower Upper
136 100
137 12.0 8.5 12.7
54 8.3 7.4 11.2
68 4.5 4.9 7.3#





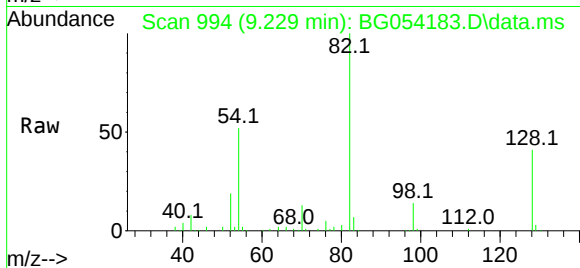
#23
Nitrobenzene-d5
Concen: 67.201 ng
RT: 9.229 min Scan# 994
Delta R.T. -0.004 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

Instrument :

BNA_G

ClientSampleId :

ML-1

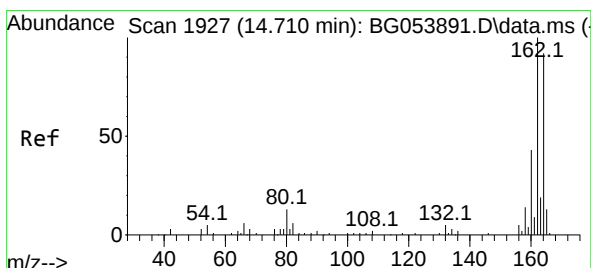
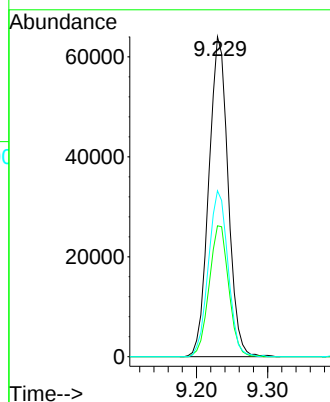
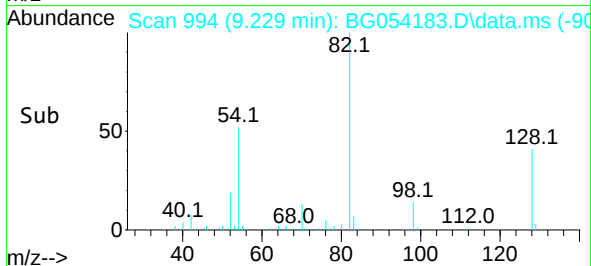


Tgt Ion: 82 Resp: 120758
Ion Ratio Lower Upper
82 100
128 40.9 27.9 41.9
54 51.9 41.2 61.8

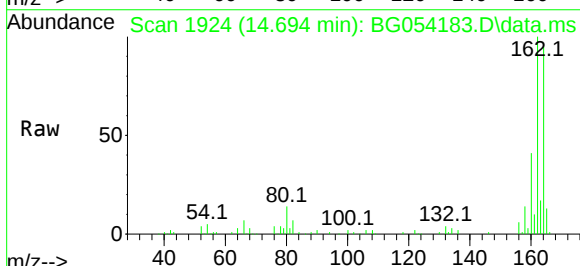
Manual Integrations

APPROVED

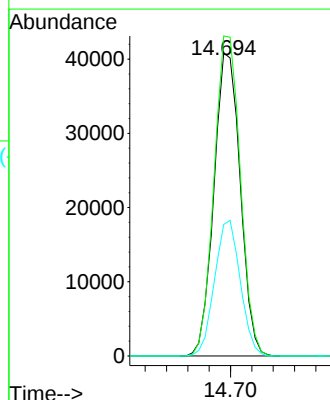
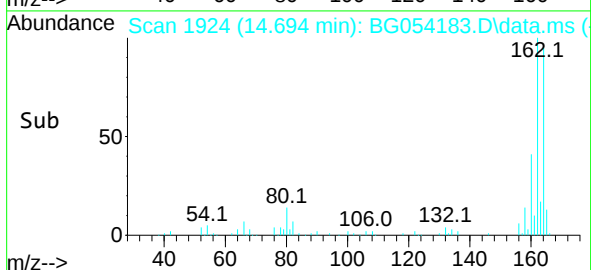
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

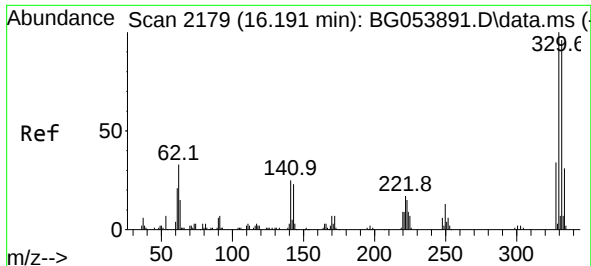


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.694 min Scan# 1924
Delta R.T. -0.004 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04



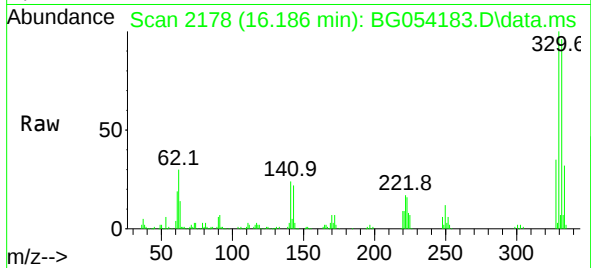
Tgt Ion:164 Resp: 69839
Ion Ratio Lower Upper
164 100
162 105.6 82.3 123.5
160 43.4 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 104.556 ng
RT: 16.186 min Scan# 2179
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

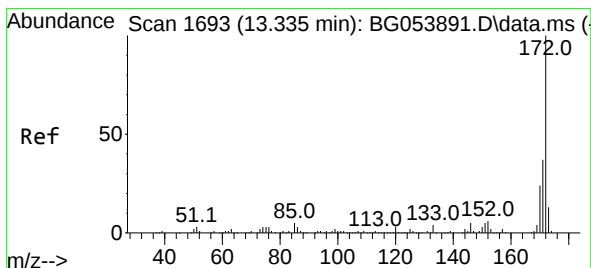
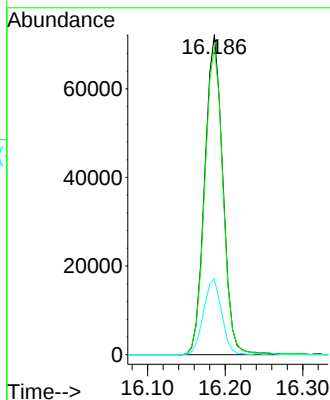
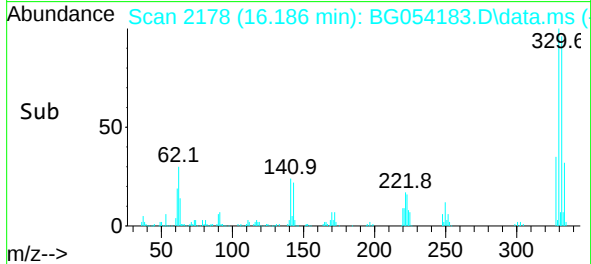
Instrument :
BNA_G
ClientSampleId :
ML-1



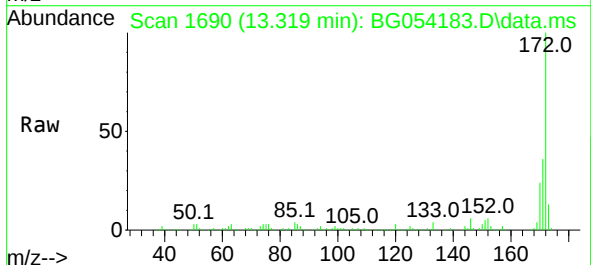
Tgt Ion:330 Resp: 11732
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 23.7 27.1 40.7

Manual Integrations
APPROVED

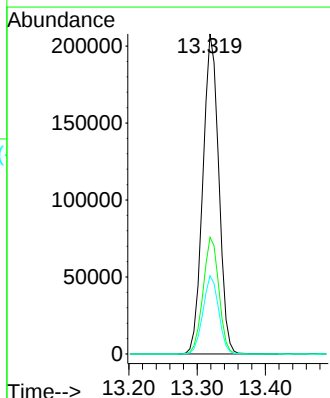
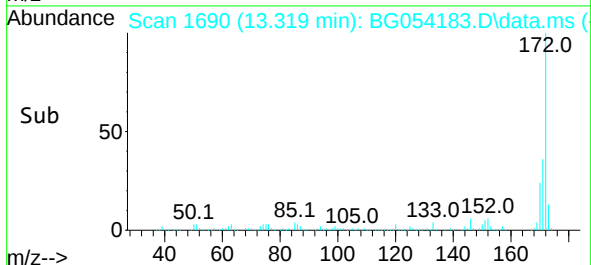
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

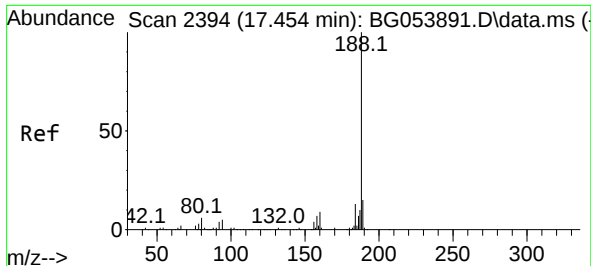


#45
2-Fluorobiphenyl
Concen: 70.068 ng
RT: 13.319 min Scan# 1690
Delta R.T. -0.004 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04



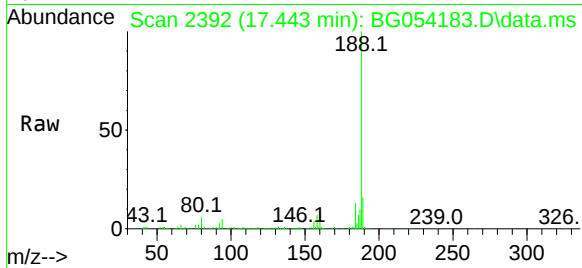
Tgt Ion:172 Resp: 336524
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.5 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.443 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

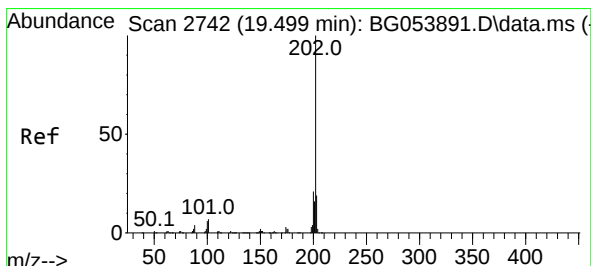
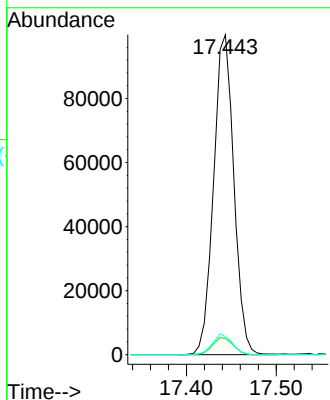
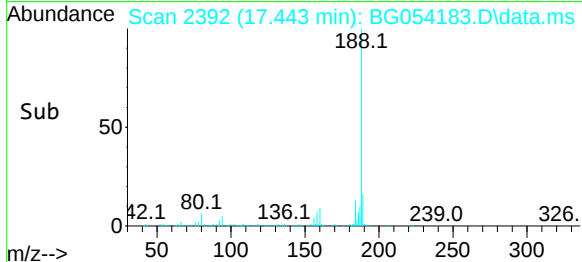
Instrument :
BNA_G
ClientSampleId :
ML-1



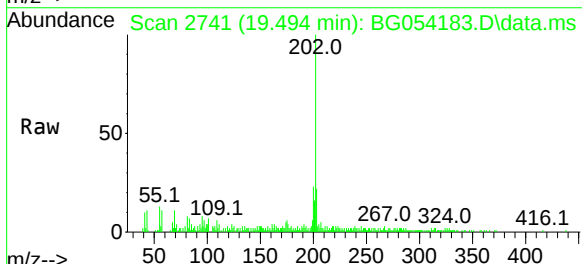
Tgt Ion:188 Resp: 15653
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0
80 5.7 6.8 10.2

Manual Integrations
APPROVED

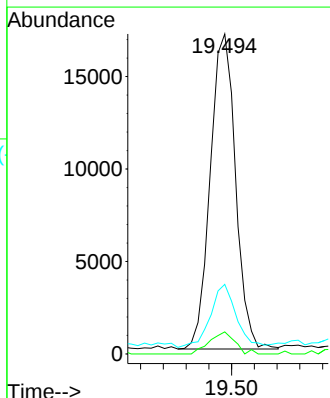
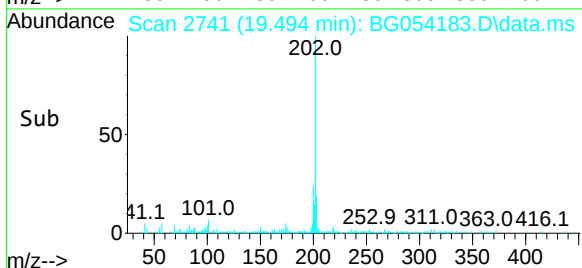
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

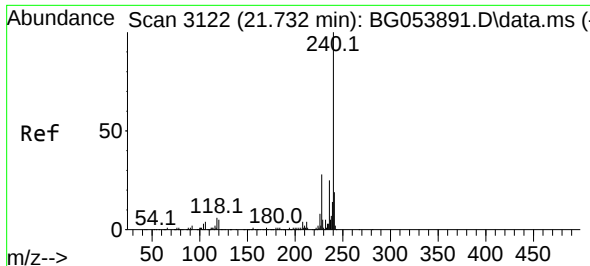


#75
Fluoranthene
Concen: 2.490 ng
RT: 19.494 min Scan# 2741
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04



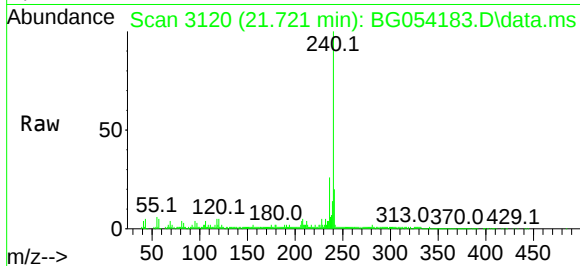
Tgt Ion:202 Resp: 26283
Ion Ratio Lower Upper
202 100
101 6.9 0.0 26.9
203 21.7 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 3122
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

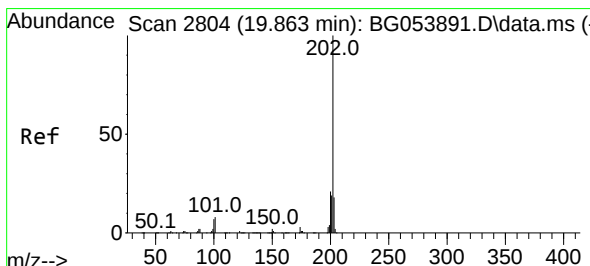
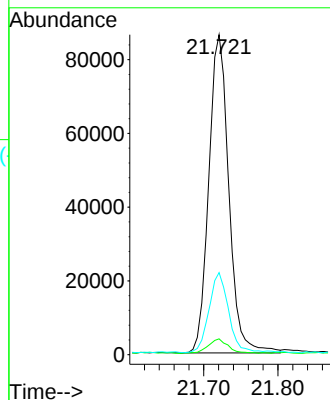
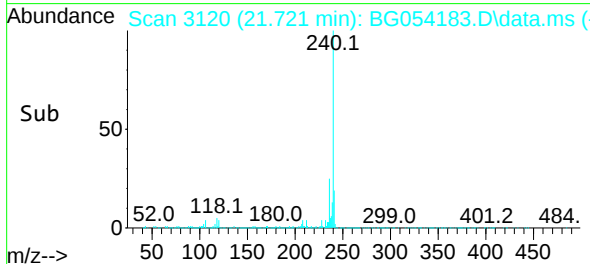
Instrument :
BNA_G
ClientSampleId :
ML-1



Tgt Ion:240 Resp: 16216
Ion Ratio Lower Upper
240 100
120 4.9 4.6 7.0
236 25.7 20.2 30.4

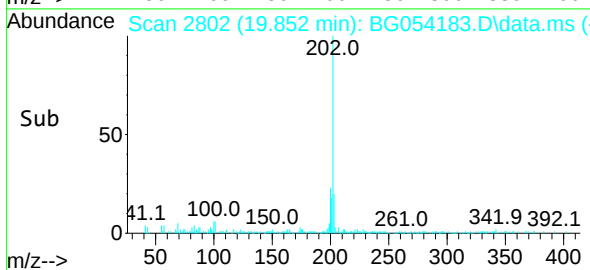
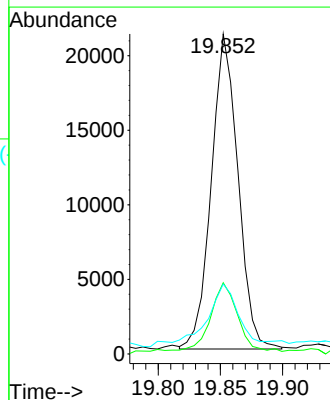
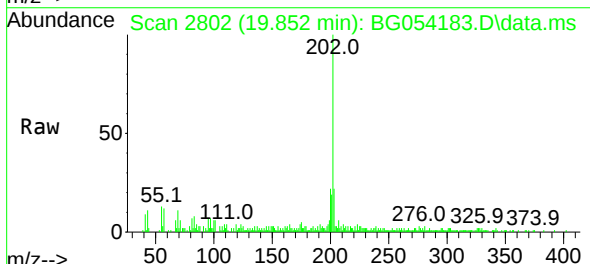
Manual Integrations
APPROVED

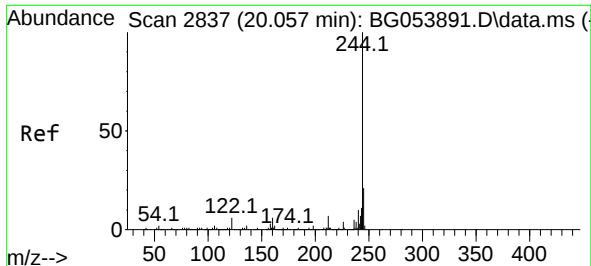
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#78
Pyrene
Concen: 3.226 ng m
RT: 19.852 min Scan# 2802
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

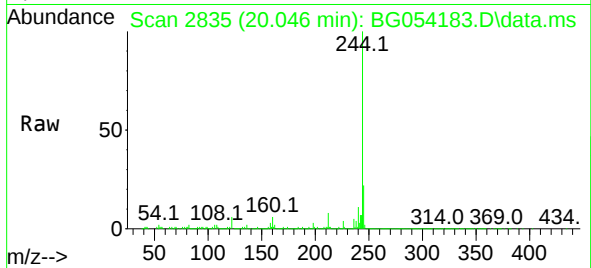
Tgt Ion:202 Resp: 31594
Ion Ratio Lower Upper
202 100
200 22.3 16.6 24.8
203 21.9 14.6 21.8#





#79
Terphenyl-d14
Concen: 69.346 ng
RT: 20.046 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04

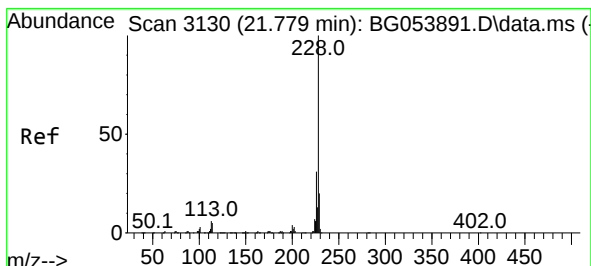
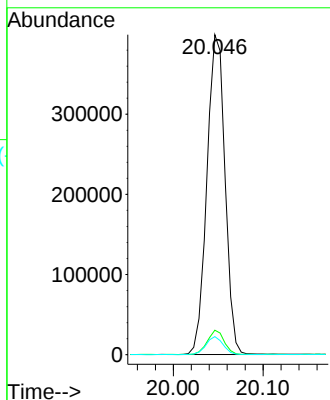
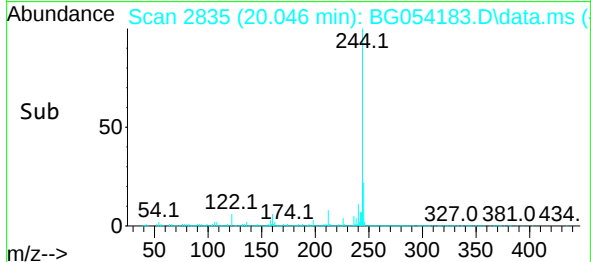
Instrument :
BNA_G
ClientSampleId :
ML-1



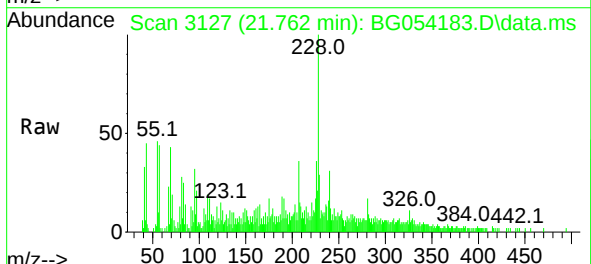
Tgt Ion:244 Resp: 558338
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 5.6 5.0 7.4

Manual Integrations
APPROVED

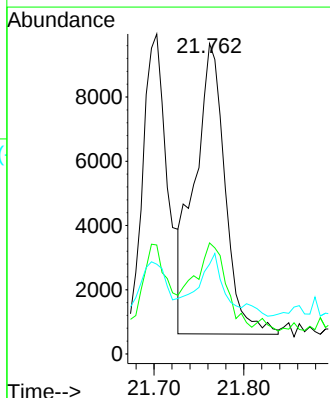
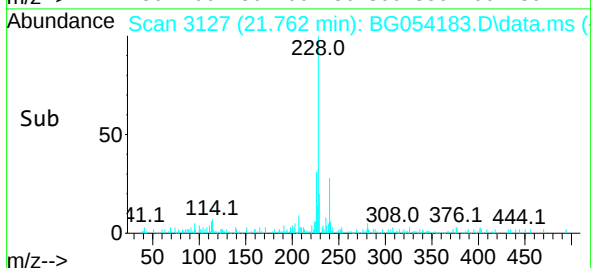
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

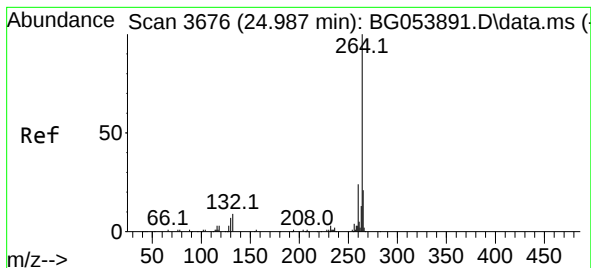


#83
Chrysene
Concen: 2.142 ng
RT: 21.762 min Scan# 3127
Delta R.T. 0.002 min
Lab File: BG054183.D
Acq: 1 Jul 2022 00:04



Tgt Ion:228 Resp: 21436
Ion Ratio Lower Upper
228 100
226 35.8 23.4 35.2#
229 28.9 15.5 23.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.987 min Scan# 30

Delta R.T. 0.025 min

Lab File: BG054183.D

Acq: 1 Jul 2022 00:04

Instrument :

BNA_G

ClientSampleId :

ML-1

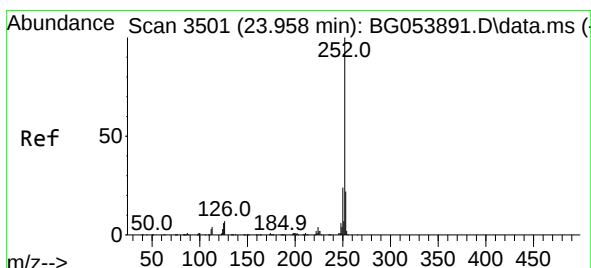
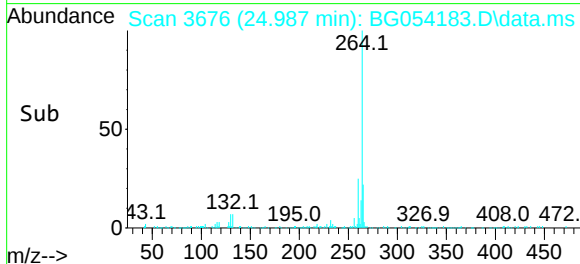
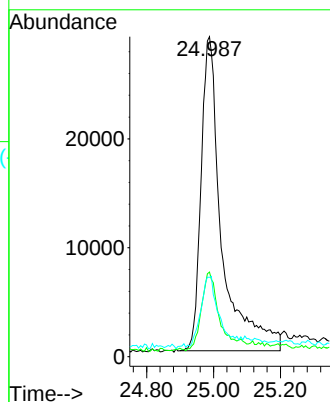
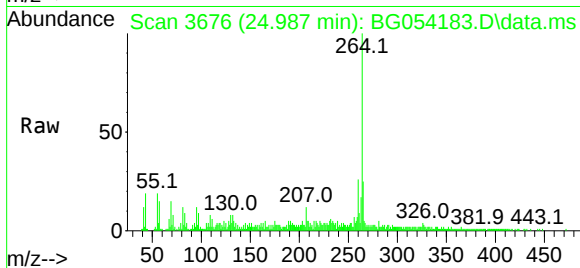
Tgt Ion:264 Resp: 124510

Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.0	28.6
265	24.8	17.4	26.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#88

Benzo(b)fluoranthene

Concen: 2.963 ng

RT: 23.953 min Scan# 3500

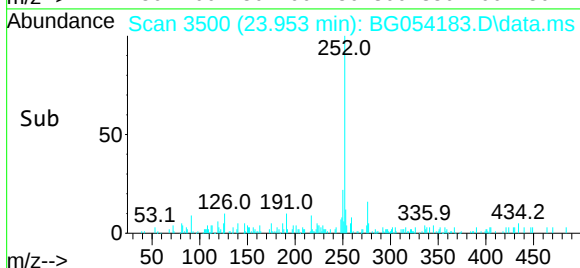
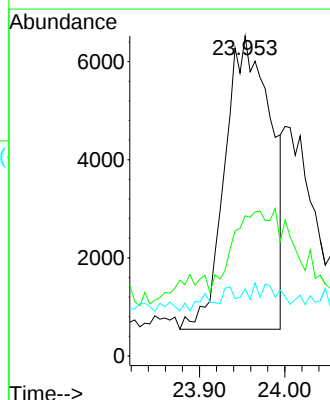
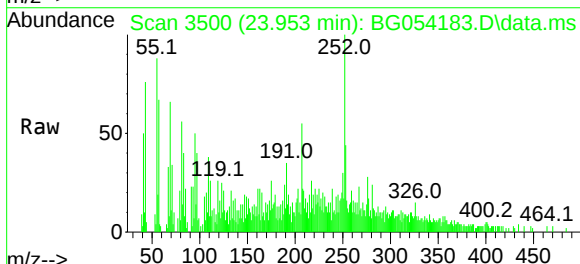
Delta R.T. 0.019 min

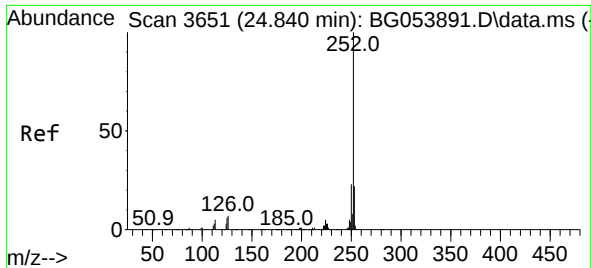
Lab File: BG054183.D

Acq: 1 Jul 2022 00:04

Tgt Ion:252 Resp: 22433

Ion	Ratio	Lower	Upper
252	100		
253	43.8	18.0	27.0#
125	21.0	4.6	6.8#





#90

Benzo(a)pyrene

Concen: 2.088 ng

RT: 24.841 min Scan# 30

Delta R.T. 0.025 min

Lab File: BG054183.D

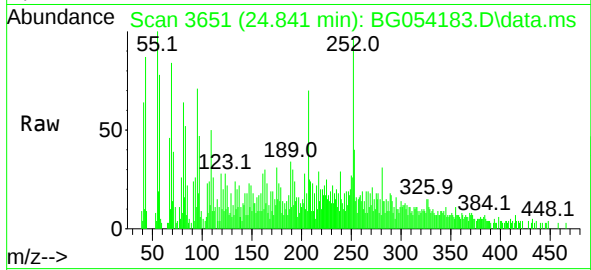
Acq: 1 Jul 2022 00:04

Instrument :

BNA_G

ClientSampleId :

ML-1



Tgt Ion:252 Resp: 13334

Ion Ratio Lower Upper

252 100

253 41.7 17.8 26.8

125 23.3 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022

