

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054136.D
 Acq On : 29 Jun 2022 3:20
 Operator : CG/JU
 Sample : N3503-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-062422

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/29/2022
 Supervised By : Jagrut Upadhyay 06/29/2022

Quant Time: Jun 29 04:11:26 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	8.073	152	33408	20.000	ng	0.00
21) Naphthalene-d8	10.882	136	135156	20.000	ng	0.00
39) Acenaphthene-d10	14.701	164	91075	20.000	ng	0.00
64) Phenanthrene-d10	17.445	188	198725	20.000	ng	0.00
76) Chrysene-d12	21.722	240	194928	20.000	ng	0.00
86) Perylene-d12	24.995	264	185376	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.647	112	185286	106.038	ng	0.00
7) Phenol-d6	7.239	99	254739	107.466	ng	0.00
23) Nitrobenzene-d5	9.231	82	165112	68.652	ng	0.00
42) 2,4,6-Tribromophenol	16.187	330	142013	97.051	ng	0.00
45) 2-Fluorobiphenyl	13.326	172	451028	72.013	ng	0.00
79) Terphenyl-d14	20.053	244	703802	72.720	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.486	178	21657	2.121	ng	96
75) Fluoranthene	19.495	202	51632	3.852	ng	96
78) Pyrene	19.853	202	49861	4.235	ng	95
81) Benzo(a)anthracene	21.704	228	30407	2.409	ng	# 86
83) Chrysene	21.769	228	33443m	2.780	ng	
88) Benzo(b)fluoranthene	23.955	252	41881	3.716	ng	# 78
90) Benzo(a)pyrene	24.836	252	27890	2.933	ng	# 78

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

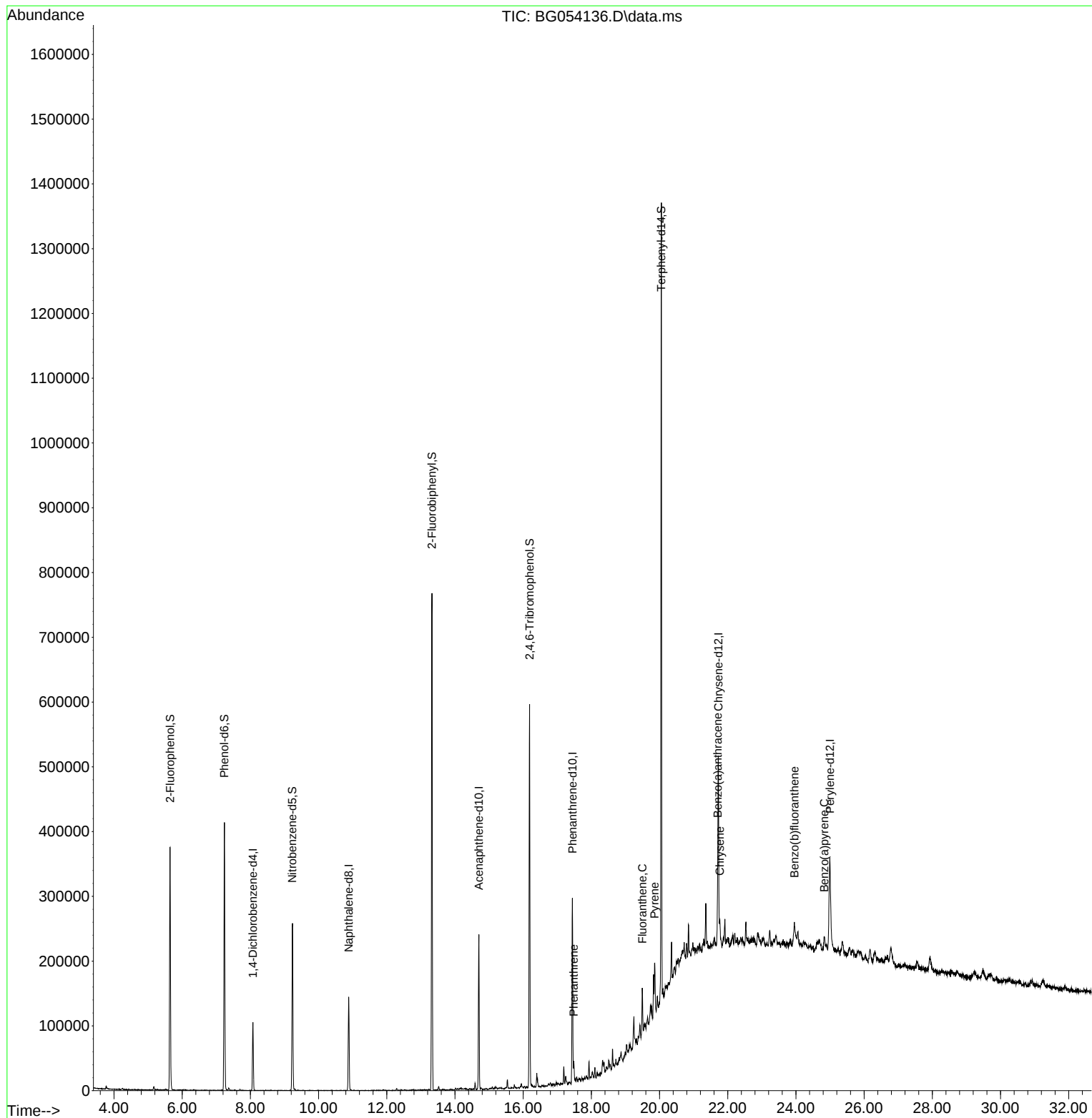
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054136.D
Acq On : 29 Jun 2022 3:20
Operator : CG/JU
Sample : N3503-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-062422

Quant Time: Jun 29 04:11:26 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

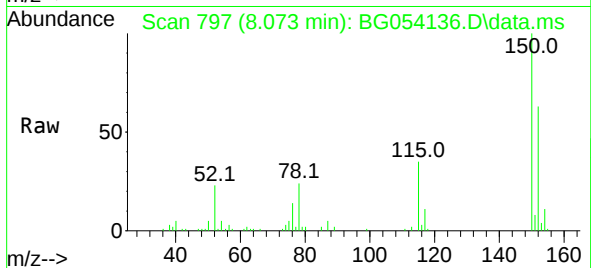
Reviewed By : Christian Giraldo 06/29/2022
Supervised By : Jagrut Upadhyay 06/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.073 min Scan# 79
Delta R.T. 0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

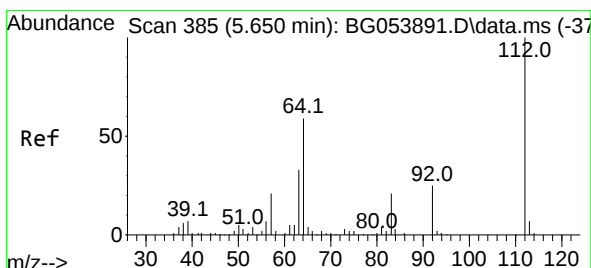
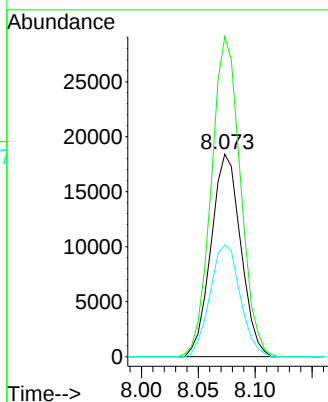
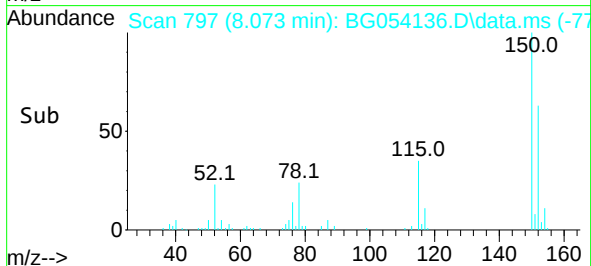
Instrument :
BNA_G
ClientSampleId :
OR-03-062422



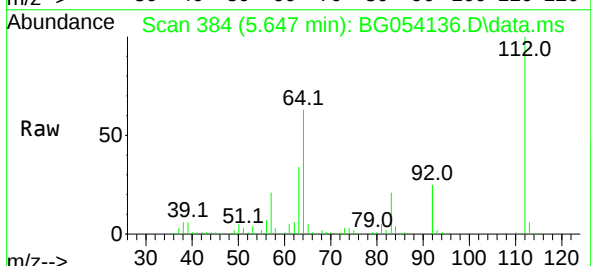
Tgt Ion:152 Resp: 33408
Ion Ratio Lower Upper
152 100
150 158.0 131.6 197.4
115 55.2 50.9 76.3

Manual Integrations
APPROVED

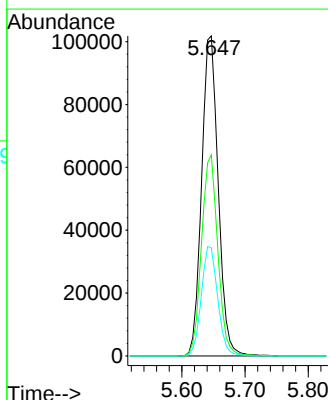
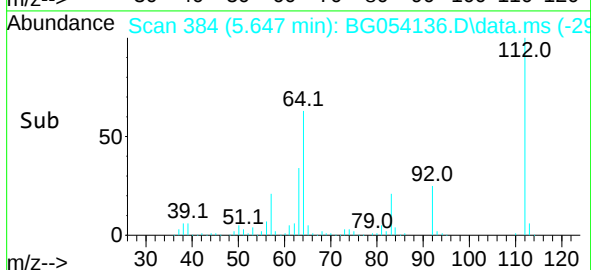
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022



#5
2-Fluorophenol
Concen: 106.038 ng
RT: 5.647 min Scan# 384
Delta R.T. 0.009 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20



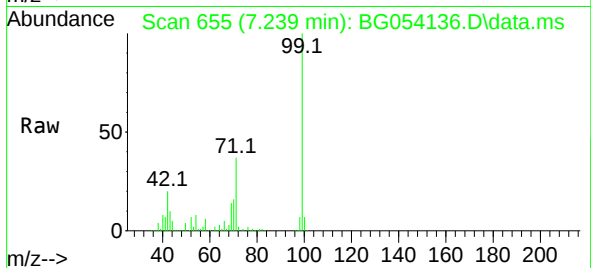
Tgt Ion:112 Resp: 185286
Ion Ratio Lower Upper
112 100
64 62.8 55.1 82.7
63 33.8 30.4 45.6





#7
Phenol-d6
Concen: 107.466 ng
RT: 7.239 min Scan# 61
Delta R.T. 0.009 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

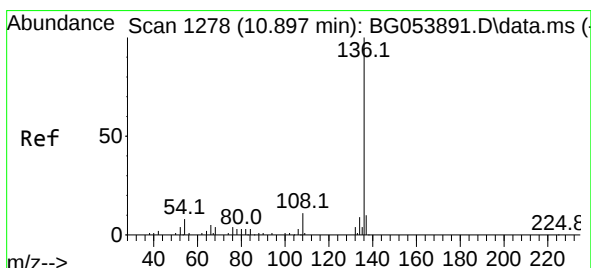
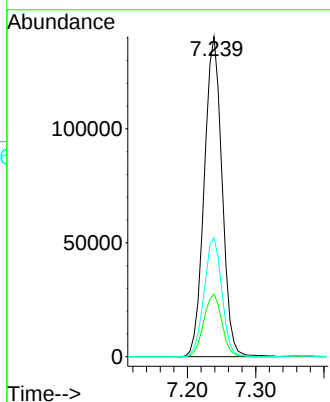
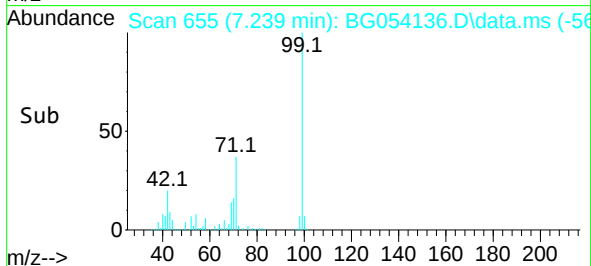
Instrument :
BNA_G
ClientSampleId :
OR-03-062422



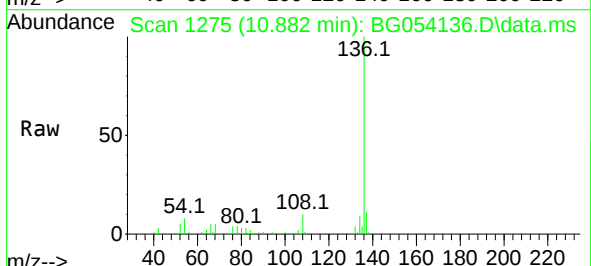
Tgt Ion: 99 Resp: 254739
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 37.1 33.8 50.8

Manual Integrations
APPROVED

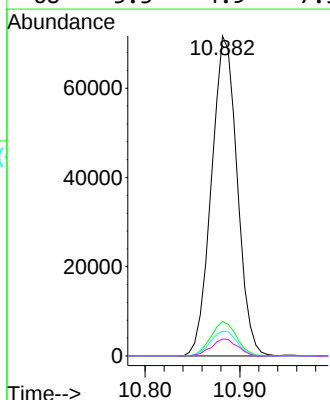
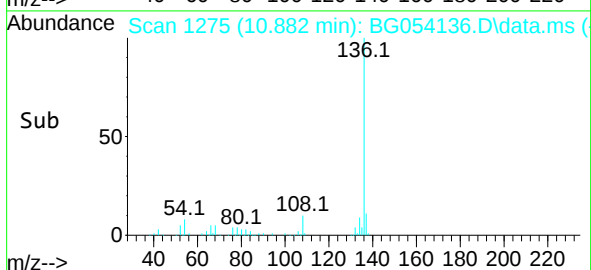
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022

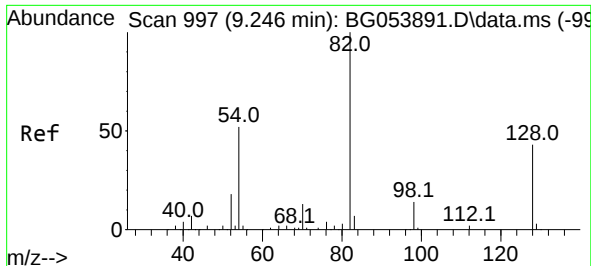


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.882 min Scan# 1275
Delta R.T. 0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20



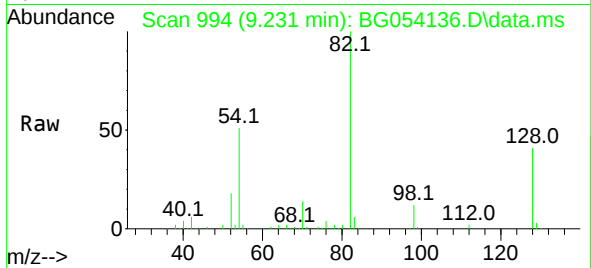
Tgt Ion:136 Resp: 135156
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.7 7.4 11.2
68 5.3 4.9 7.3





#23
Nitrobenzene-d5
Concen: 68.652 ng
RT: 9.231 min Scan# 994
Delta R.T. -0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

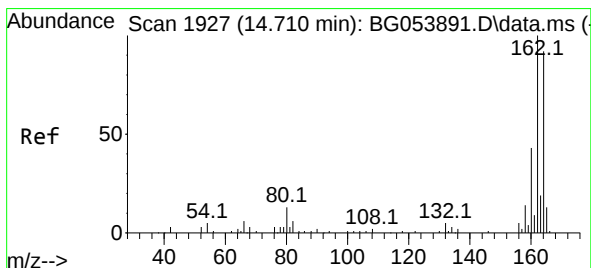
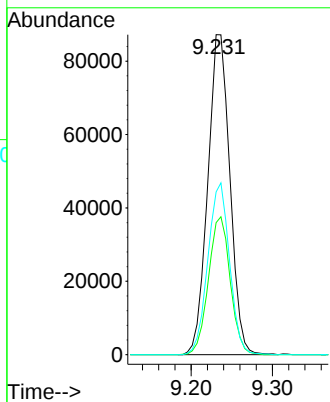
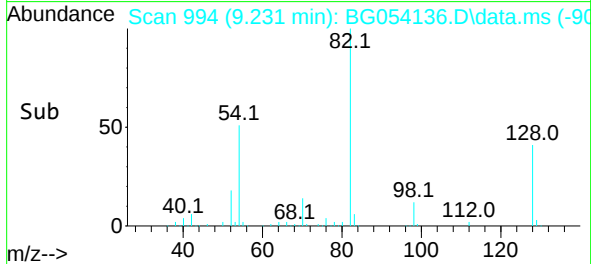
Instrument :
BNA_G
ClientSampleId :
OR-03-062422



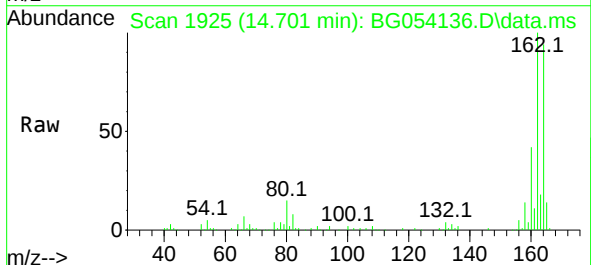
Tgt Ion: 82 Resp: 165112
Ion Ratio Lower Upper
82 100
128 41.2 27.9 41.9
54 50.8 41.2 61.8

Manual Integrations
APPROVED

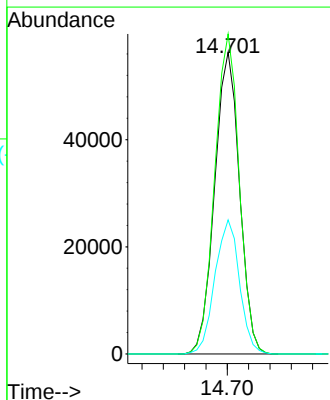
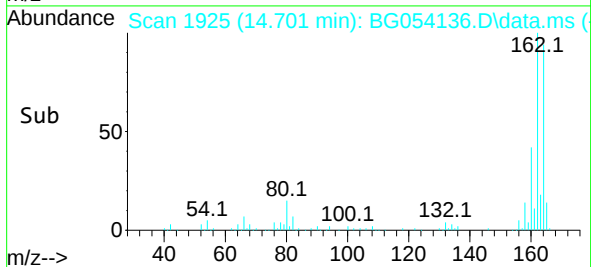
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.701 min Scan# 1925
Delta R.T. 0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20



Tgt Ion:164 Resp: 91075
Ion Ratio Lower Upper
164 100
162 106.0 82.3 123.5
160 44.4 34.2 51.2





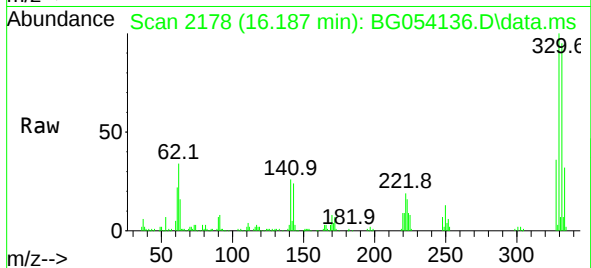
#42
2,4,6-Tribromophenol
Concen: 97.051 ng
RT: 16.187 min Scan# 2179
Delta R.T. 0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

Instrument :

BNA_G

ClientSampleId :

OR-03-062422

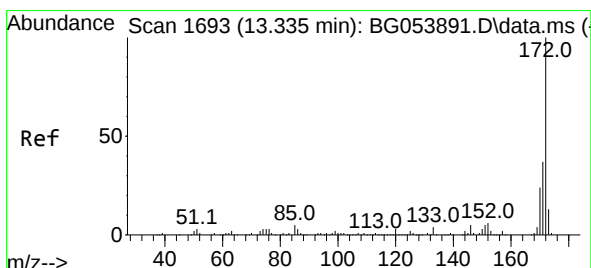
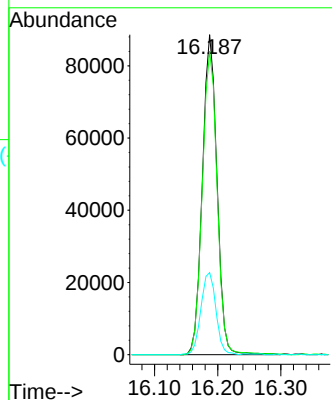
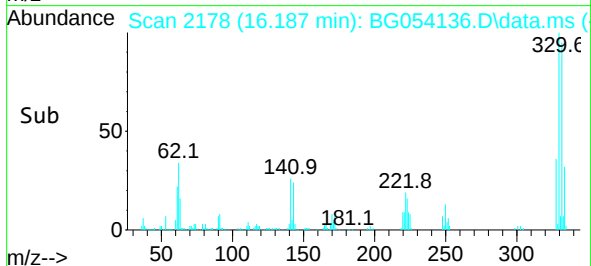


Tgt Ion:330 Resp: 14201
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 26.4 27.1 40.7

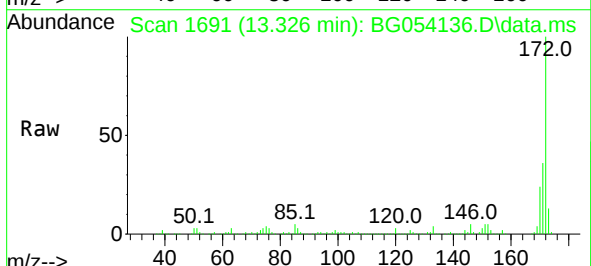
Manual Integrations

APPROVED

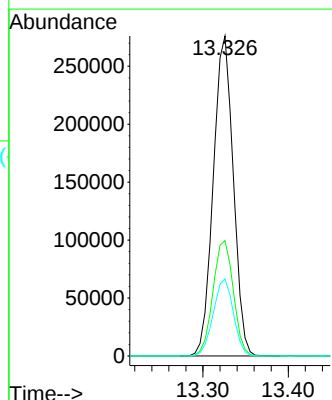
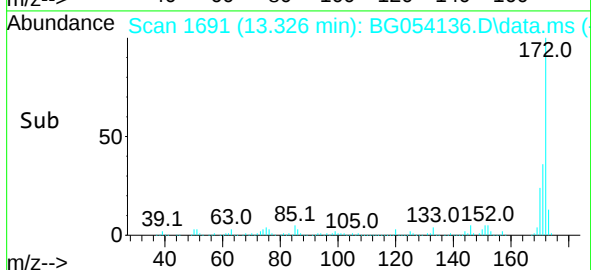
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022

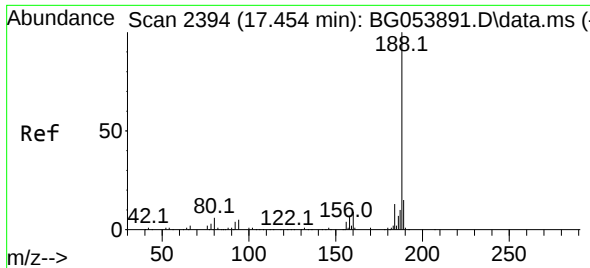


#45
2-Fluorobiphenyl
Concen: 72.013 ng
RT: 13.326 min Scan# 1691
Delta R.T. 0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20



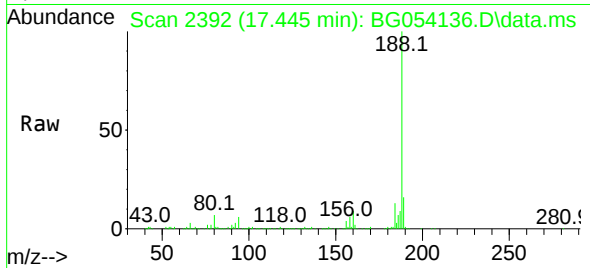
Tgt Ion:172 Resp: 451028
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.1 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.445 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

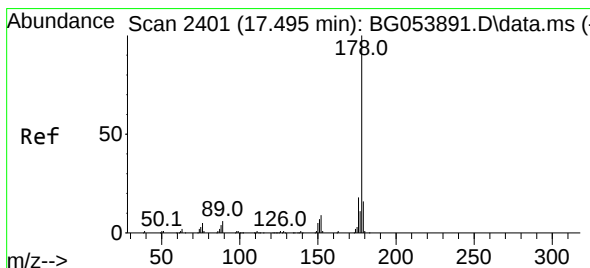
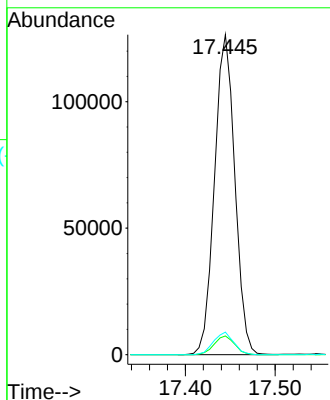
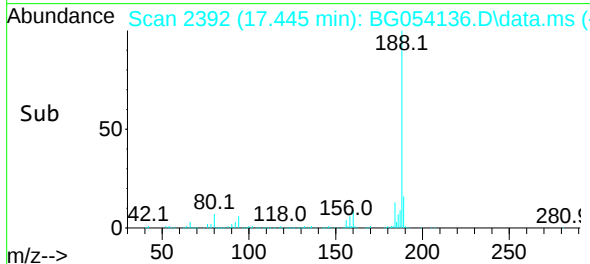
Instrument :
BNA_G
ClientSampleId :
OR-03-062422



Tgt Ion:188 Resp: 198725
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 7.0 6.8 10.2

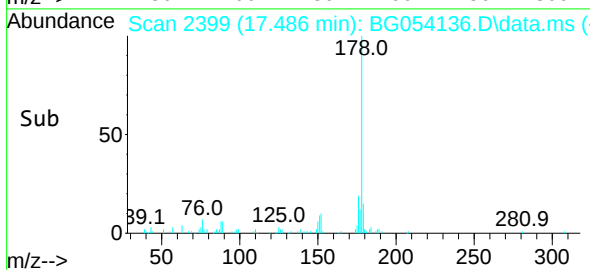
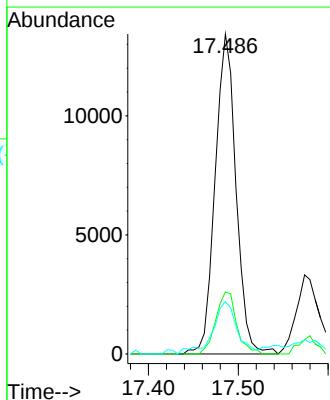
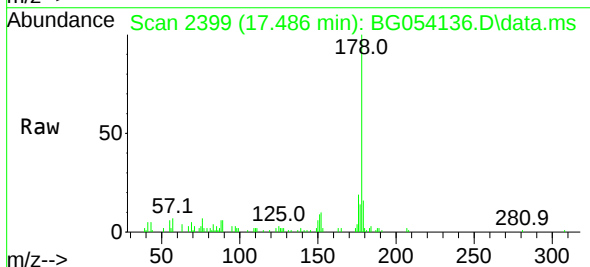
Manual Integrations
APPROVED

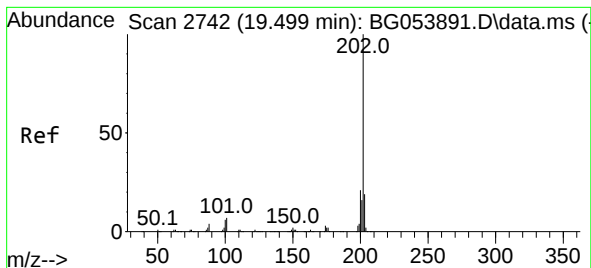
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022



#71
Phenanthrene
Concen: 2.121 ng
RT: 17.486 min Scan# 2399
Delta R.T. 0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

Tgt Ion:178 Resp: 21657
Ion Ratio Lower Upper
178 100
176 19.4 14.1 21.1
179 16.4 12.1 18.1





#75

Fluoranthene

Concen: 3.852 ng

RT: 19.495 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG054136.D

Acq: 29 Jun 2022 3:20

Instrument :

BNA_G

ClientSampleId :

OR-03-062422

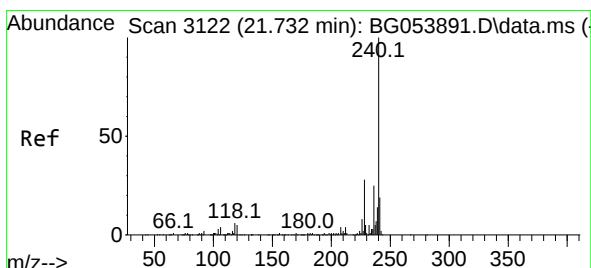
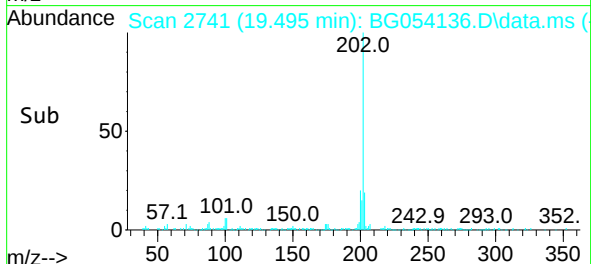
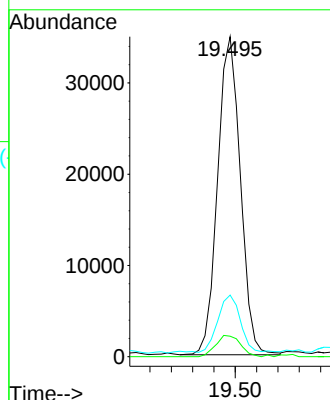
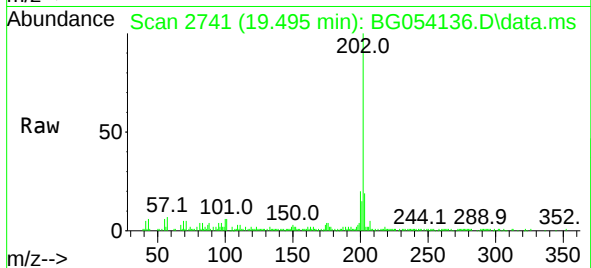
Tgt Ion:	202	Resp:	5163
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	26.9
203	19.2	0.0	37.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/29/2022

Supervised By :Jagrut Upadhyay 06/29/2022



#76

Chrysene-d12

Concen: 20.000 ng

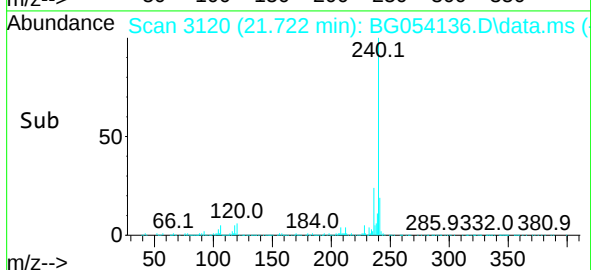
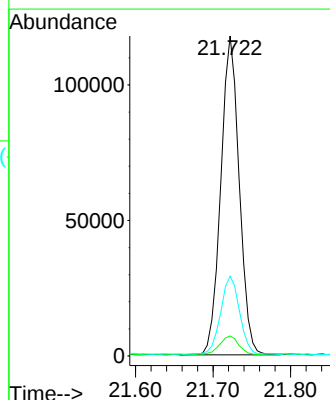
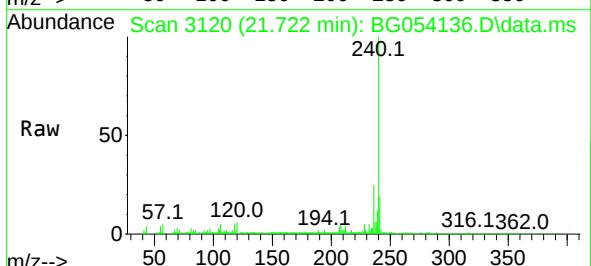
RT: 21.722 min Scan# 3120

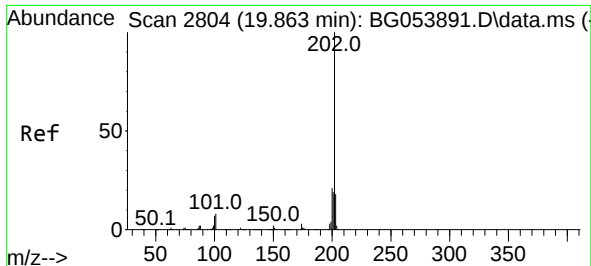
Delta R.T. 0.003 min

Lab File: BG054136.D

Acq: 29 Jun 2022 3:20

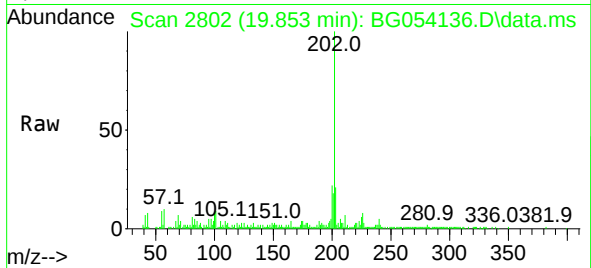
Tgt Ion:	240	Resp:	194928
Ion Ratio	Lower	Upper	
240	100		
120	6.3	4.6	7.0
236	24.9	20.2	30.4





#78
 Pyrene
 Concen: 4.235 ng
 RT: 19.853 min Scan# 2802
 Delta R.T. 0.003 min
 Lab File: BG054136.D
 Acq: 29 Jun 2022 3:20

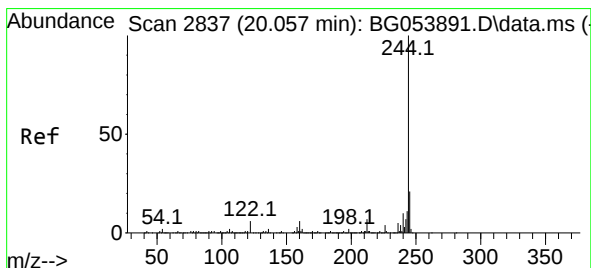
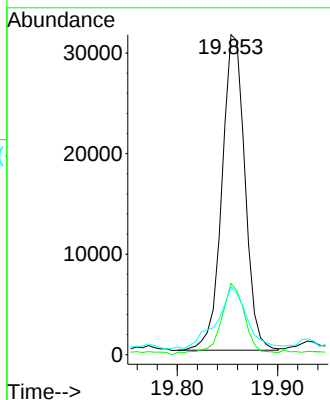
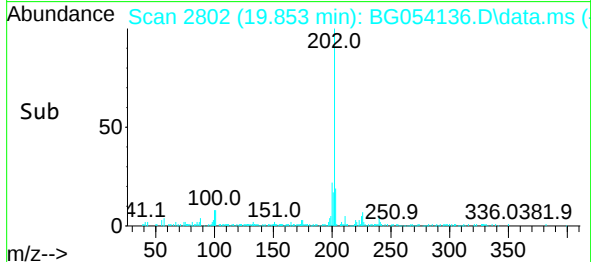
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-062422



Tgt Ion:202 Resp: 4986
 Ion Ratio Lower Upper
 202 100
 200 22.3 16.6 24.8
 203 21.3 14.6 21.8

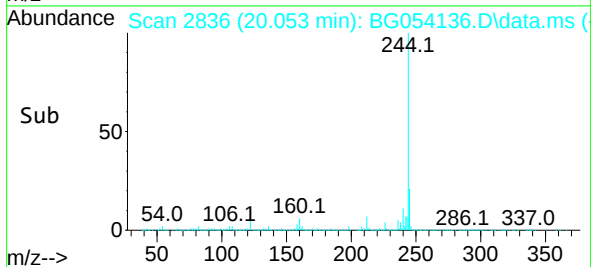
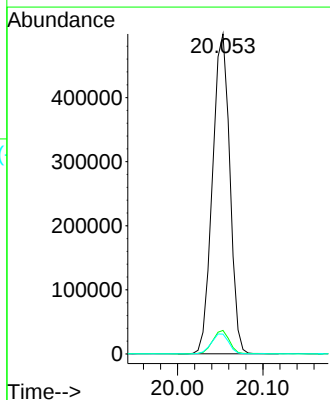
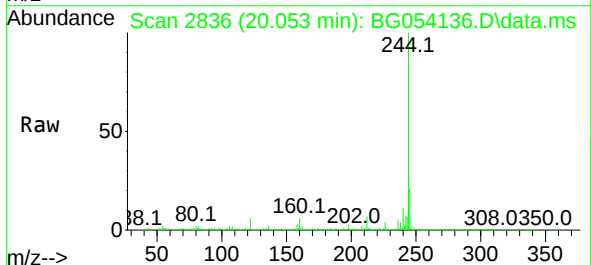
Manual Integrations
 APPROVED

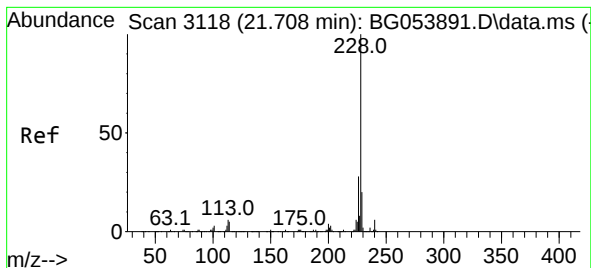
Reviewed By :Christian Giraldo 06/29/2022
 Supervised By :Jagrut Upadhyay 06/29/2022



#79
 Terphenyl-d14
 Concen: 72.720 ng
 RT: 20.053 min Scan# 2836
 Delta R.T. 0.009 min
 Lab File: BG054136.D
 Acq: 29 Jun 2022 3:20

Tgt Ion:244 Resp: 703802
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 6.2 5.0 7.4





#81

Benzo(a)anthracene

Concen: 2.409 ng

RT: 21.704 min Scan# 3118

Delta R.T. 0.009 min

Lab File: BG054136.D

Acq: 29 Jun 2022 3:20

Instrument :

BNA_G

ClientSampleId :

OR-03-062422

Tgt Ion:228 Resp: 3040

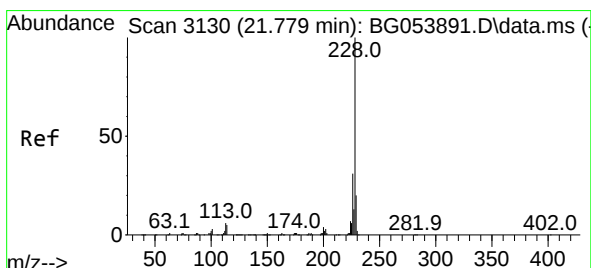
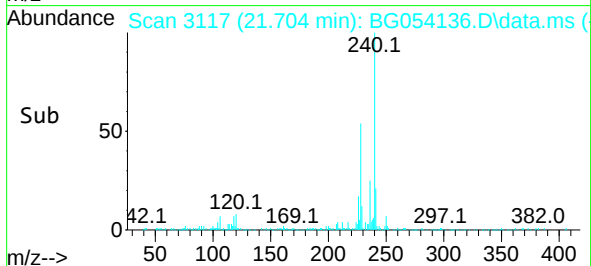
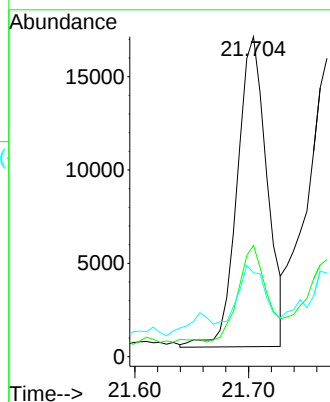
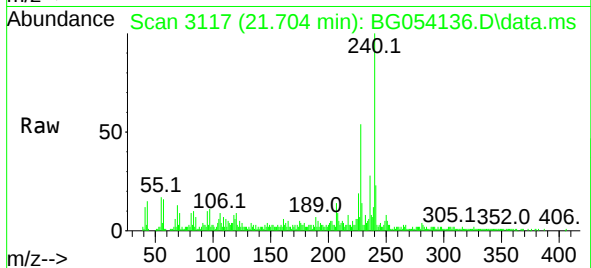
Ion	Ratio	Lower	Upper
228	100		
226	34.7	21.6	32.4
229	26.2	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/29/2022

Supervised By :Jagrut Upadhyay 06/29/2022



#83

Chrysene

Concen: 2.780 ng m

RT: 21.769 min Scan# 3128

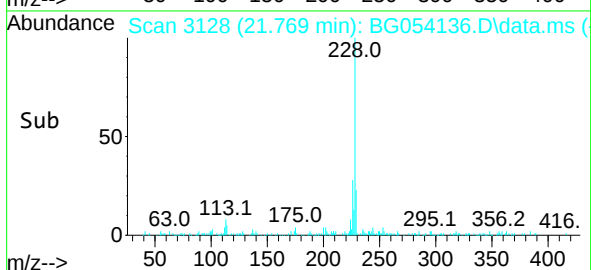
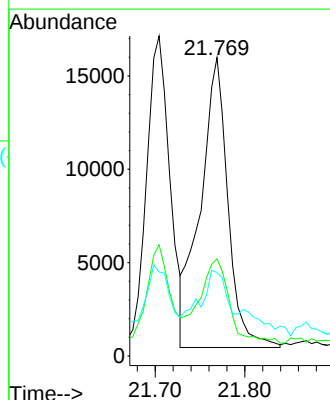
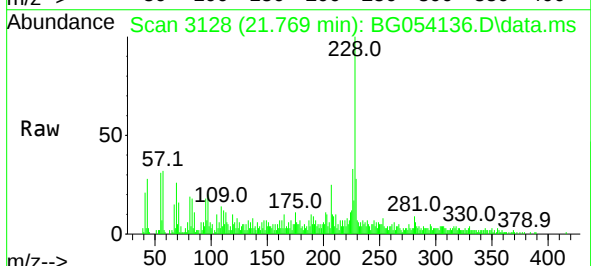
Delta R.T. 0.009 min

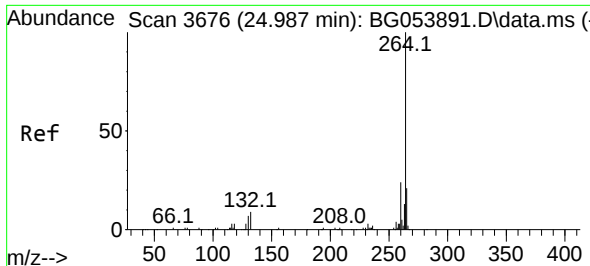
Lab File: BG054136.D

Acq: 29 Jun 2022 3:20

Tgt Ion:228 Resp: 33443

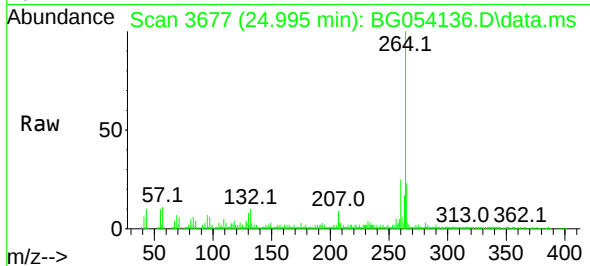
Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.4	35.2
229	28.0	15.5	23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 30
Delta R.T. 0.032 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

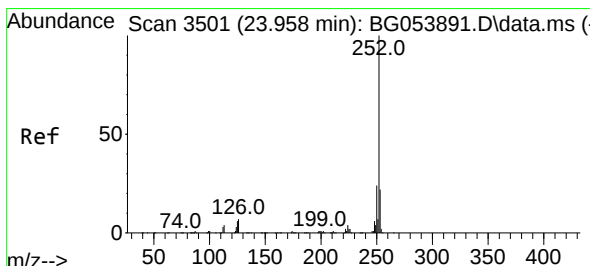
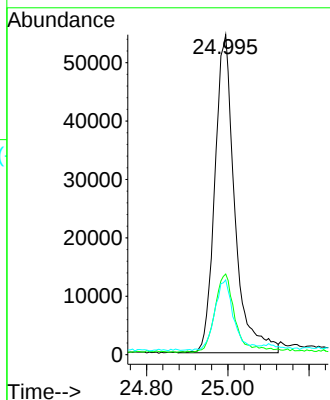
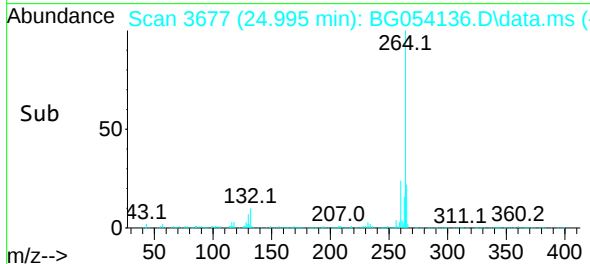
Instrument :
BNA_G
ClientSampleId :
OR-03-062422



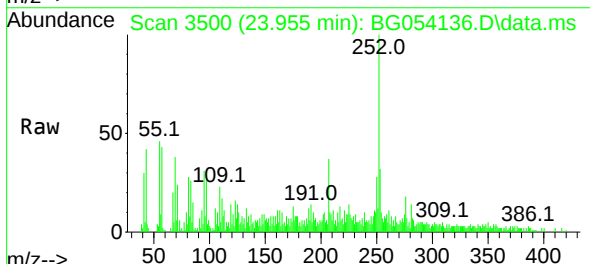
Tgt Ion:264 Resp: 185370
Ion Ratio Lower Upper
264 100
260 25.2 19.0 28.6
265 23.3 17.4 26.2

Manual Integrations
APPROVED

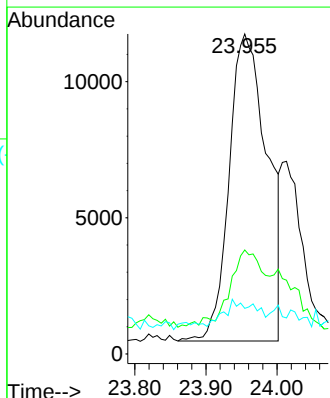
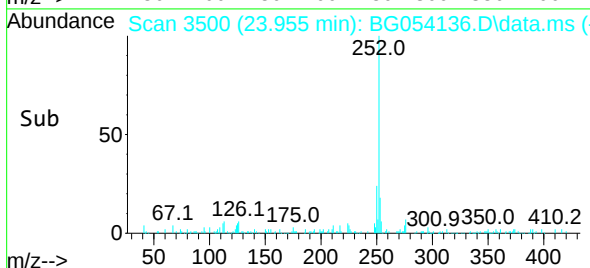
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022

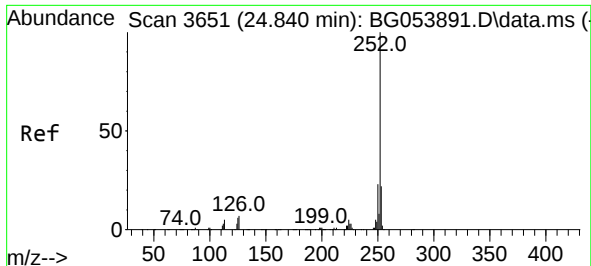


#88
Benzo(b)fluoranthene
Concen: 3.716 ng
RT: 23.955 min Scan# 3500
Delta R.T. 0.020 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20



Tgt Ion:252 Resp: 41881
Ion Ratio Lower Upper
252 100
253 32.5 18.0 27.0#
125 14.3 4.6 6.8#





#90

Benzo(a)pyrene

Concen: 2.933 ng

RT: 24.836 min Scan# 30

Delta R.T. 0.020 min

Lab File: BG054136.D

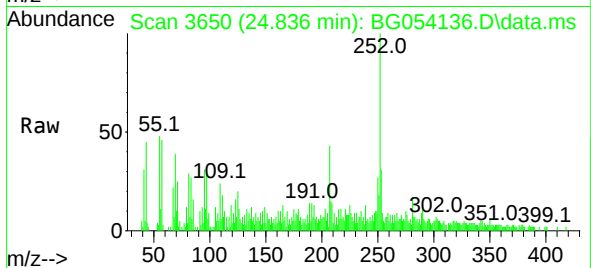
Acq: 29 Jun 2022 3:20

Instrument :

BNA_G

ClientSampleId :

OR-03-062422



Tgt Ion:252 Resp: 27890

Ion Ratio Lower Upper

252 100

253 30.5 17.8 26.8

125 19.7 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/29/2022

Supervised By :Jagrut Upadhyay 06/29/2022

