

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
 Data File : BG054577.D
 Acq On : 9 Aug 2022 20:05
 Operator : CG/JU
 Sample : N3960-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-159D

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/10/2022
 Supervised By : Jagrut Upadhyay 08/10/2022

Quant Time: Aug 10 07:14:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.973	152	20565	20.00	ng	0.00
21) Naphthalene-d8	10.782	136	77740	20.00	ng	# 0.00
39) Acenaphthene-d10	14.613	164	59484	20.00	ng	0.00
64) Phenanthrene-d10	17.362	188	143312	20.00	ng	# 0.00
76) Chrysene-d12	21.628	240	157295	20.00	ng	# 0.00
86) Perylene-d12	24.836	264	157170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	84509	85.80	ng	0.00
7) Phenol-d6	7.180	99	111387	82.53	ng	0.00
23) Nitrobenzene-d5	9.143	82	77132	54.03	ng	0.00
42) 2,4,6-Tribromophenol	16.111	330	95900	76.78	ng	0.00
45) 2-Fluorobiphenyl	13.232	172	234874	55.70	ng	0.00
79) Terphenyl-d14	19.971	244	459582	57.96	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.419	202	29135	2.99	ng	97
78) Pyrene	19.777	202	46284	5.13	ng	96
83) Chrysene	21.669	228	26496	2.81	ng	94
88) Benzo(b)fluoranthene	23.820	252	29542m	3.18	ng	
90) Benzo(a)pyrene	24.677	252	22070m	2.78	ng	

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

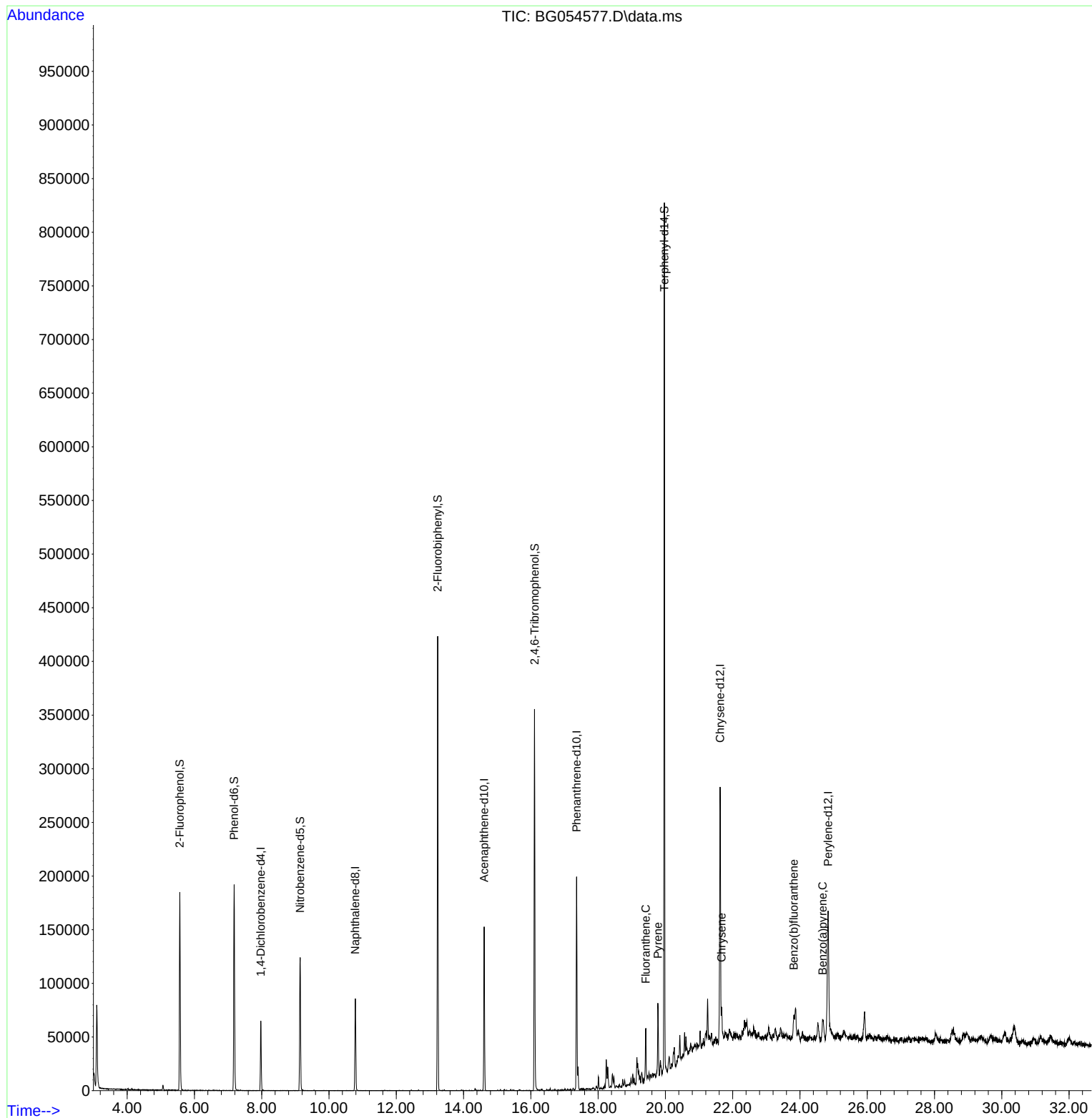
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080922\
Data File : BG054577.D
Acq On : 9 Aug 2022 20:05
Operator : CG/JU
Sample : N3960-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

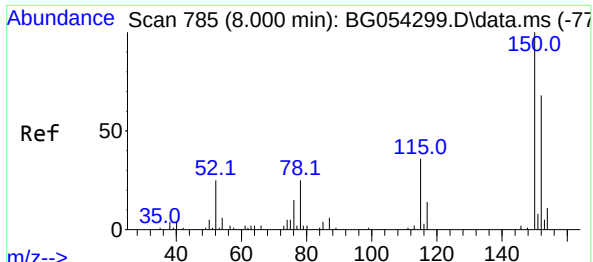
Instrument :
BNA_G
ClientSampleId :
RVE-159D

Quant Time: Aug 10 07:14:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 14:48:51 2022
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Manual Integrations
APPROVED

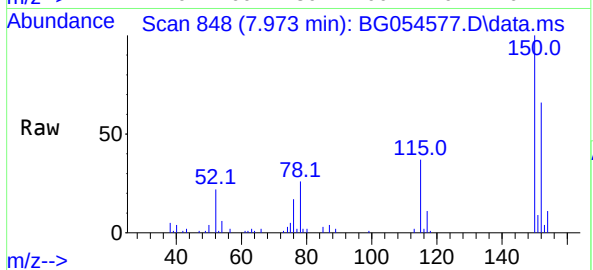
Reviewed By : Christian Giraldo 08/10/2022
Supervised By : Jagrut Upadhyay 08/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.973 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG054577.D
Acq: 9 Aug 2022 20:05

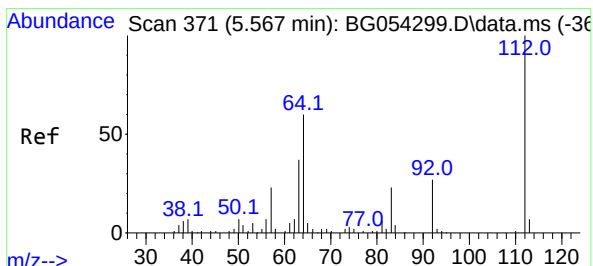
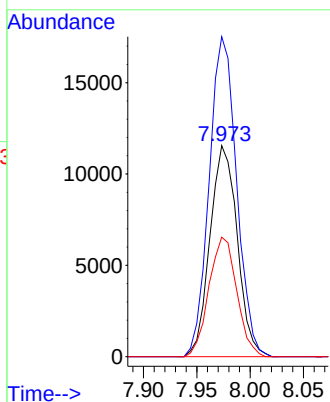
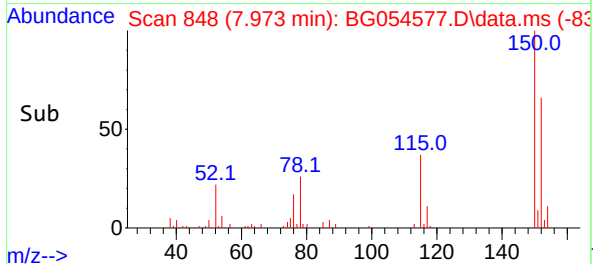
Instrument :
BNA_G
ClientSampleId :
RVE-159D



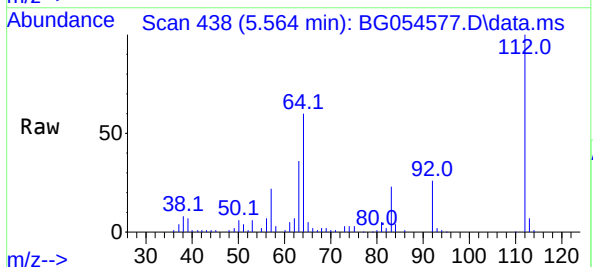
Tgt Ion:152 Resp: 2056
Ion Ratio Lower Upper
152 100
150 151.6 131.6 197.4
115 56.7 50.9 76.3

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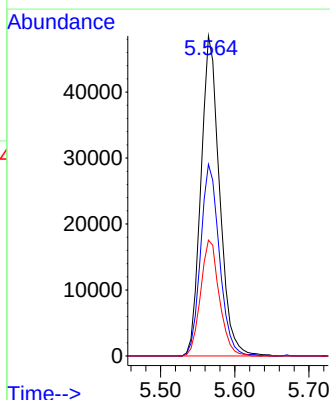
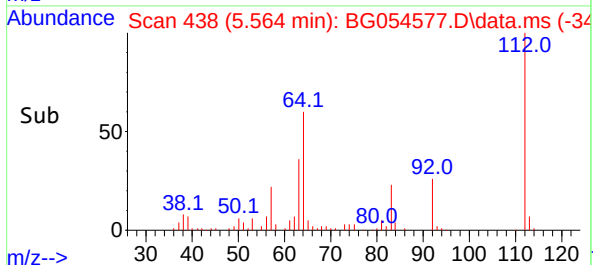
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

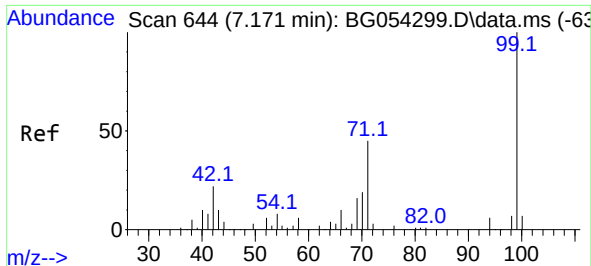


#5
2-Fluorophenol
Concen: 85.80 ng
RT: 5.564 min Scan# 438
Delta R.T. 0.001 min
Lab File: BG054577.D
Acq: 9 Aug 2022 20:05



Tgt Ion:112 Resp: 84509
Ion Ratio Lower Upper
112 100
64 59.9 55.1 82.7
63 36.2 30.4 45.6





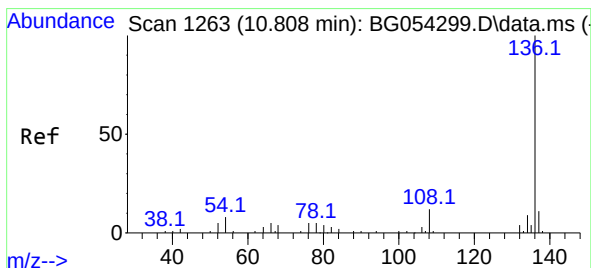
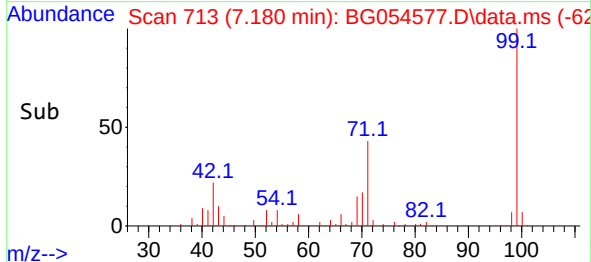
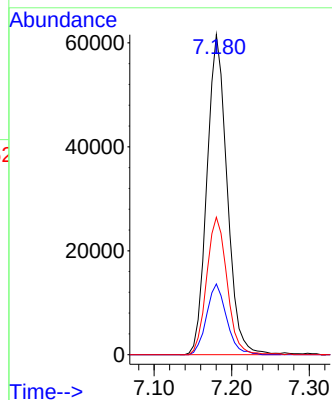
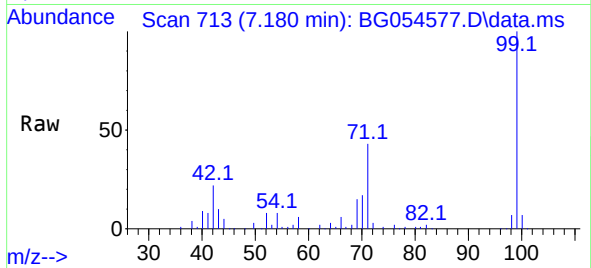
#7
Phenol-d6
Concen: 82.53 ng
RT: 7.180 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG054577.D
Acq: 9 Aug 2022 20:05

Instrument :
BNA_G
ClientSampleId :
RVE-159D

Tgt Ion: 99 Resp: 11138
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 43.0 33.8 50.8

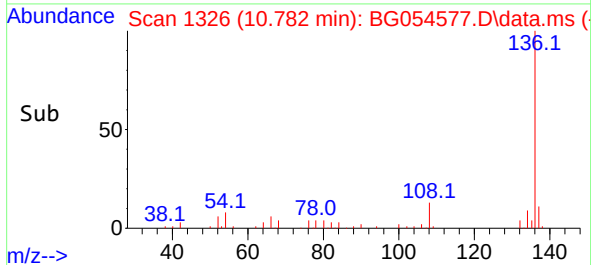
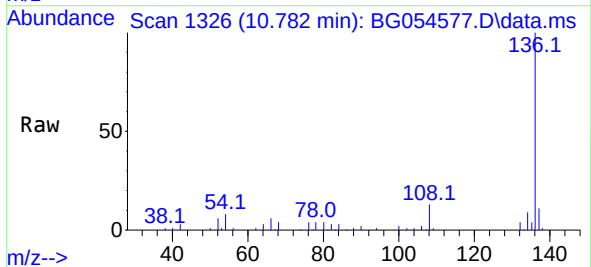
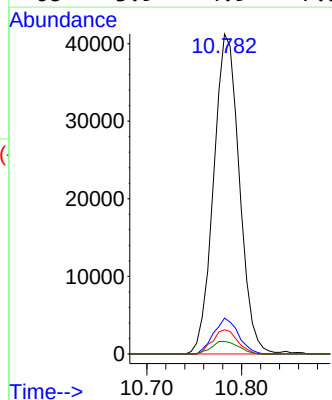
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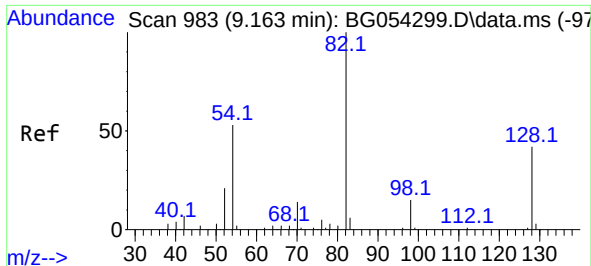
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.782 min Scan# 1326
Delta R.T. -0.005 min
Lab File: BG054577.D
Acq: 9 Aug 2022 20:05

Tgt Ion:136 Resp: 77740
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.5 7.4 11.2
68 3.9 4.9 7.3#





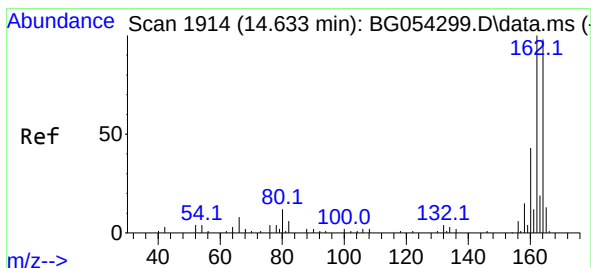
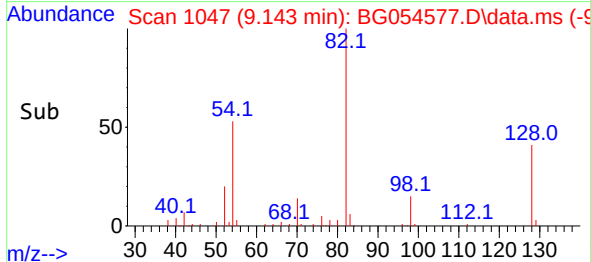
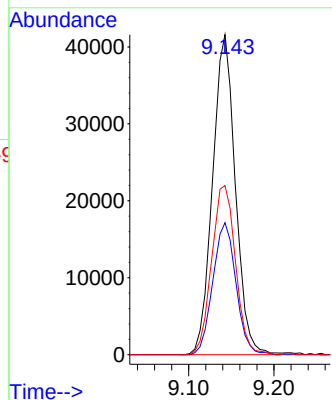
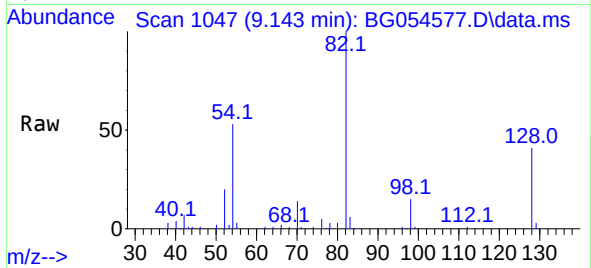
#23
Nitrobenzene-d5
Concen: 54.03 ng
RT: 9.143 min Scan# 1047
Delta R.T. 0.001 min
Lab File: BG054577.D
Acq: 9 Aug 2022 20:05

Instrument :
BNA_G
ClientSampleId :
RVE-159D

Tgt Ion: 82 Resp: 77132
Ion Ratio Lower Upper
82 100
128 41.2 27.9 41.9
54 52.9 41.2 61.8

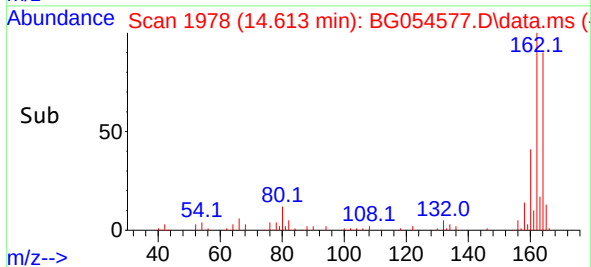
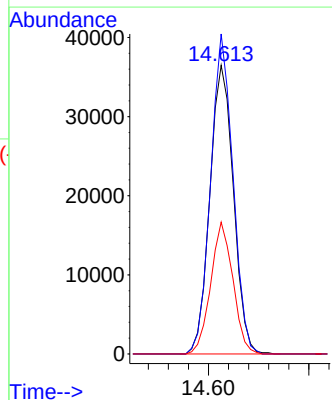
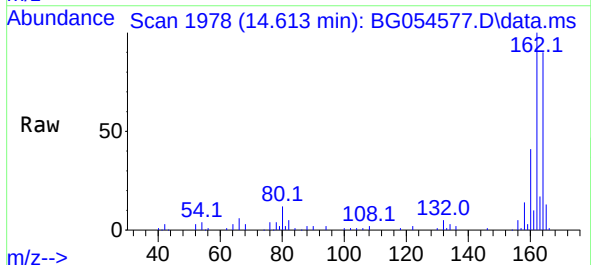
Manual Integrations
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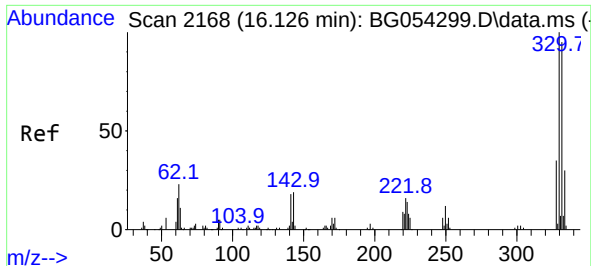
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.613 min Scan# 1978
Delta R.T. -0.005 min
Lab File: BG054577.D
Acq: 9 Aug 2022 20:05

Tgt Ion:164 Resp: 59484
Ion Ratio Lower Upper
164 100
162 110.9 82.3 123.5
160 45.7 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 76.78 ng
RT: 16.111 min Scan# 2168
Delta R.T. -0.005 min
Lab File: BG054577.D
Acq: 9 Aug 2022 20:05

Instrument :

BNA_G

ClientSampleId :

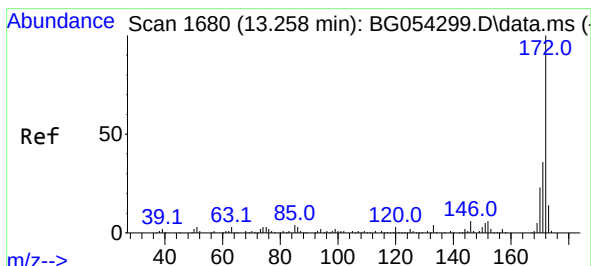
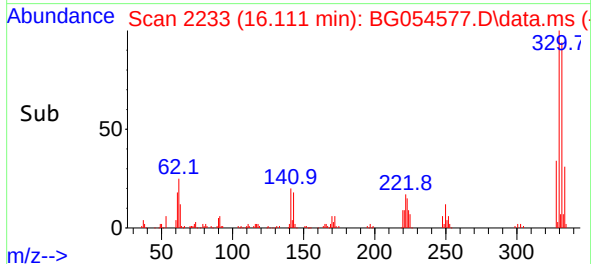
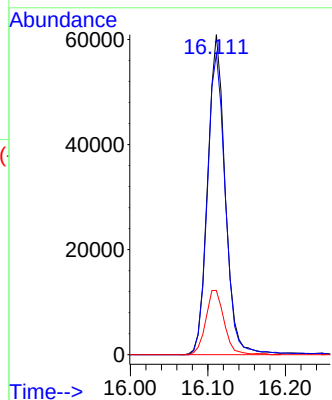
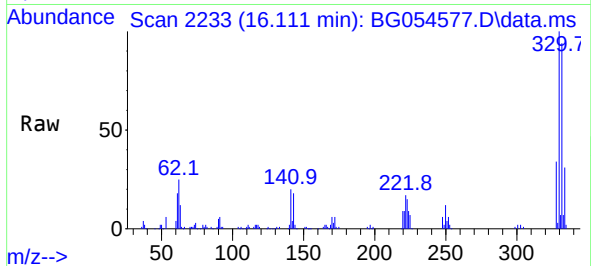
RVE-159D

Tgt Ion:330 Resp: 95900
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 20.9 27.1 40.7

Manual Integrations

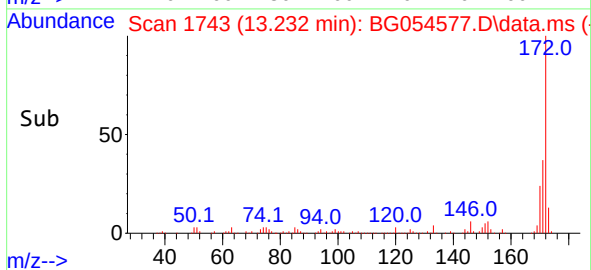
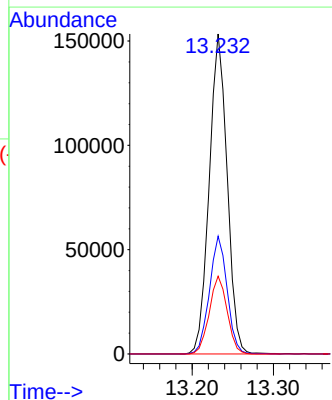
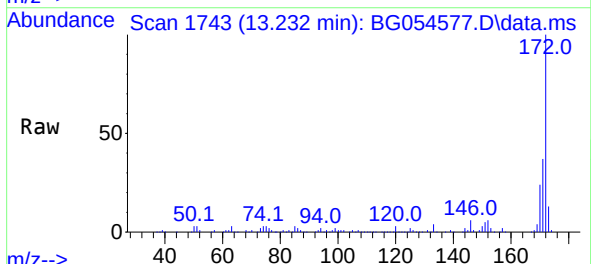
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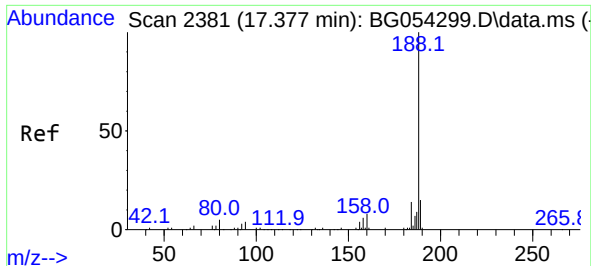
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#45
2-Fluorobiphenyl
Concen: 55.70 ng
RT: 13.232 min Scan# 1743
Delta R.T. -0.005 min
Lab File: BG054577.D
Acq: 9 Aug 2022 20:05

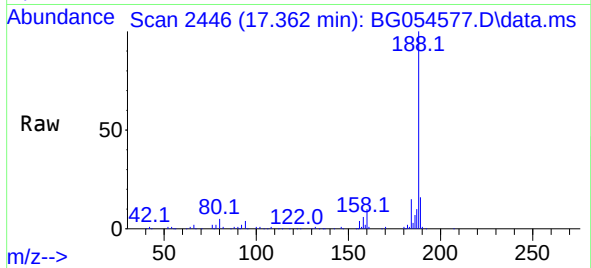
Tgt Ion:172 Resp: 234874
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 24.3 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.362 min Scan# 2446
Delta R.T. 0.001 min
Lab File: BG054577.D
Acq: 9 Aug 2022 20:05

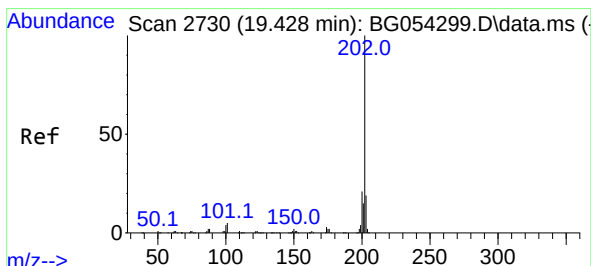
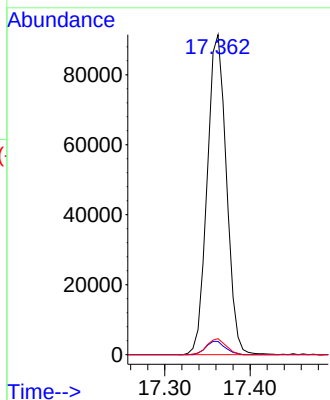
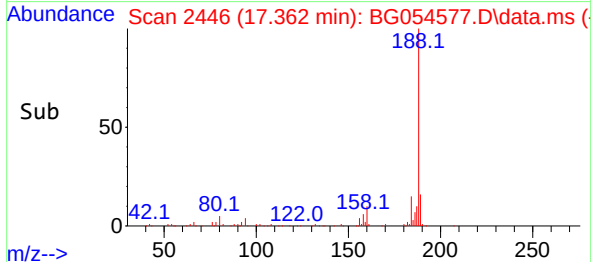
Instrument :
BNA_G
ClientSampleId :
RVE-159D



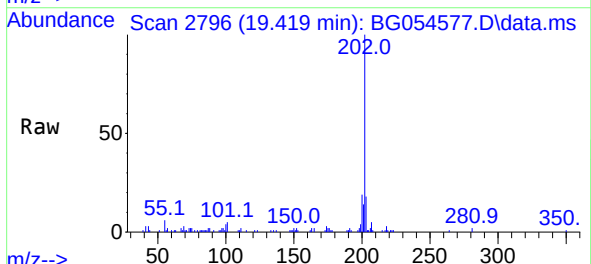
Tgt Ion:188 Resp: 143312
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0
80 5.0 6.8 10.2

Manual Integrations
APPROVED

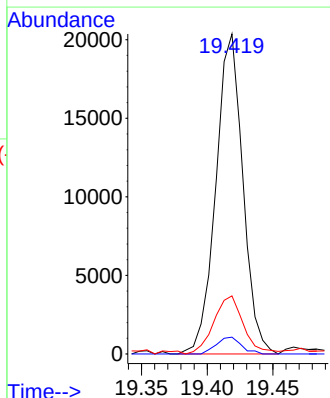
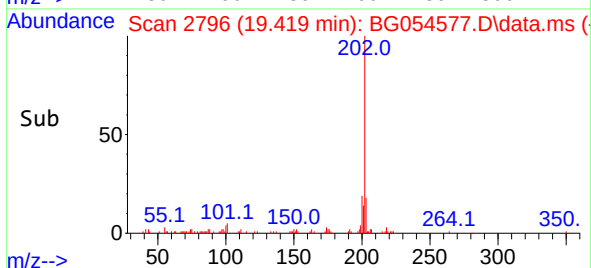
Reviewed By :Christian Giraldo 08/10/2022
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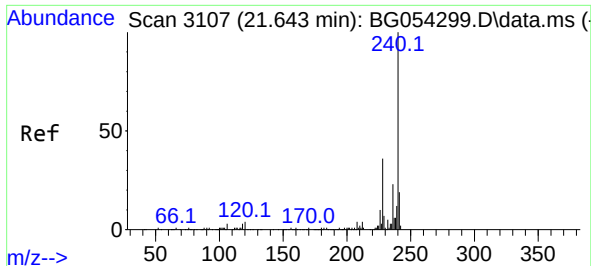


#75
Fluoranthene
Concen: 2.99 ng
RT: 19.419 min Scan# 2796
Delta R.T. 0.001 min
Lab File: BG054577.D
Acq: 9 Aug 2022 20:05



Tgt Ion:202 Resp: 29135
Ion Ratio Lower Upper
202 100
101 5.2 0.0 26.9
203 18.2 0.0 37.2





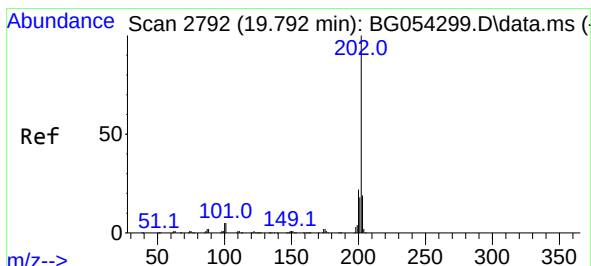
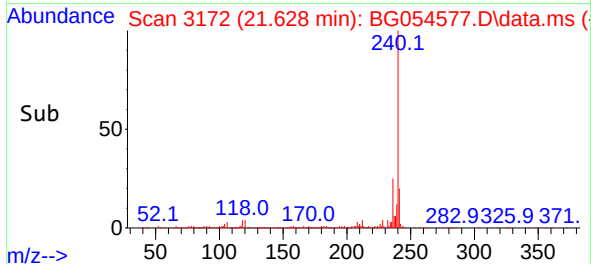
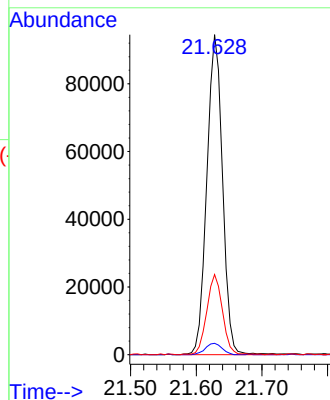
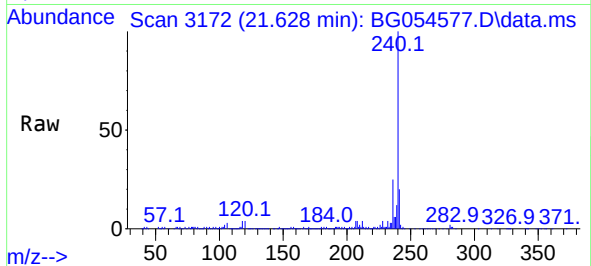
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.628 min Scan# 3107
Delta R.T. -0.005 min
Lab File: BG054577.D
Acq: 9 Aug 2022 20:05

Instrument :
BNA_G
ClientSampleId :
RVE-159D

Tgt Ion:240 Resp: 157295
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0
236 25.1 20.2 30.4

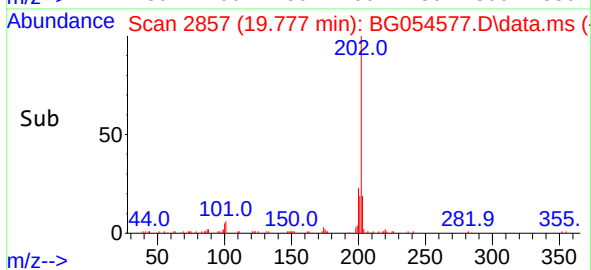
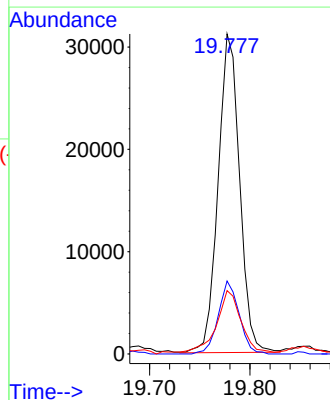
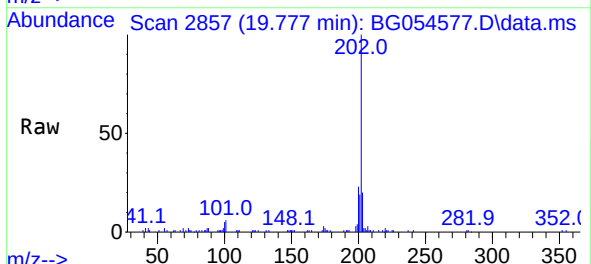
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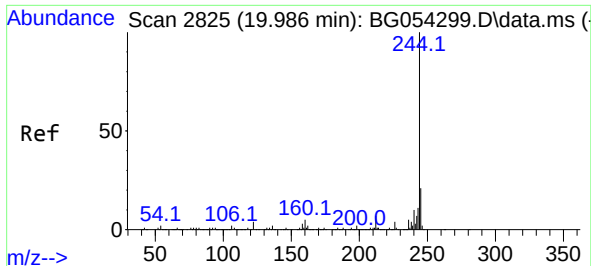
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#78
Pyrene
Concen: 5.13 ng
RT: 19.777 min Scan# 2857
Delta R.T. -0.005 min
Lab File: BG054577.D
Acq: 9 Aug 2022 20:05

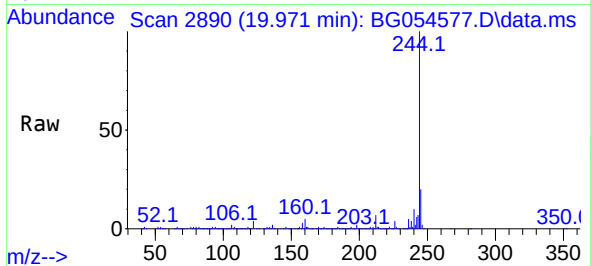
Tgt Ion:202 Resp: 46284
Ion Ratio Lower Upper
202 100
200 22.8 16.6 24.8
203 19.8 14.6 21.8





#79
 Terphenyl-d14
 Concen: 57.96 ng
 RT: 19.971 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG054577.D
 Acq: 9 Aug 2022 20:05

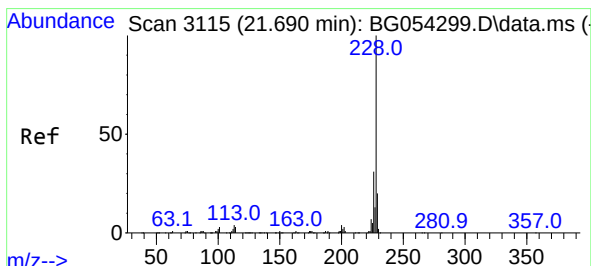
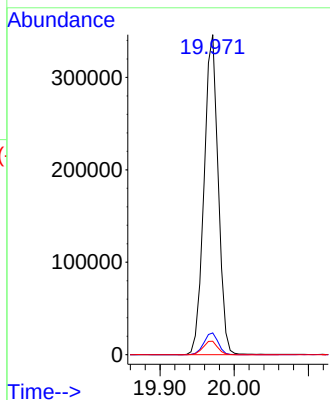
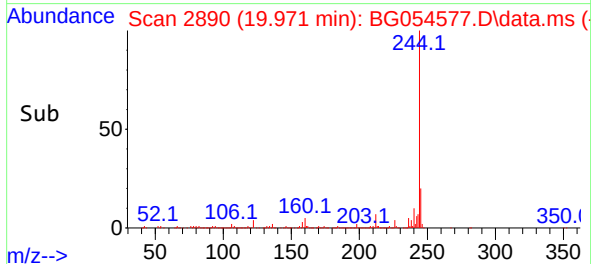
Instrument :
 BNA_G
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 RVE-159D



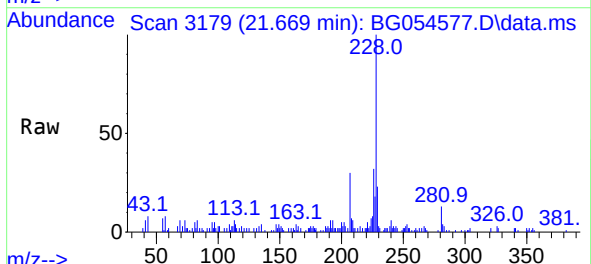
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 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 4.2 5.0 7.4

Manual Integrations
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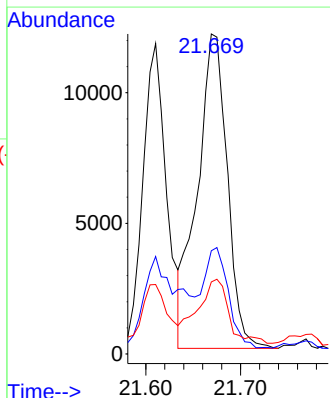
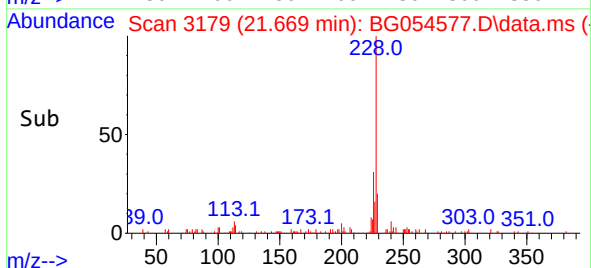
Reviewed By :Christian Giraldo 08/10/2022
 Supervised By :Jagrut Upadhyay 08/10/2022

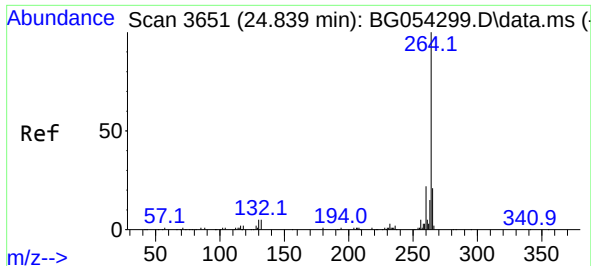


#83
 Chrysene
 Concen: 2.81 ng
 RT: 21.669 min Scan# 3179
 Delta R.T. -0.011 min
 Lab File: BG054577.D
 Acq: 9 Aug 2022 20:05



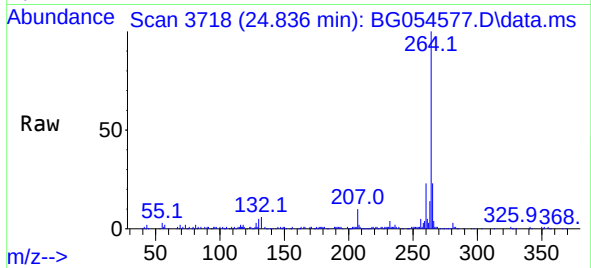
Tgt Ion:228 Resp: 26496
 Ion Ratio Lower Upper
 228 100
 226 32.3 23.4 35.2
 229 22.5 15.5 23.3





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.836 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: BG054577.D
 Acq: 9 Aug 2022 20:05

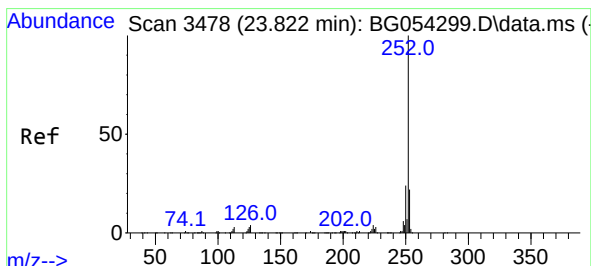
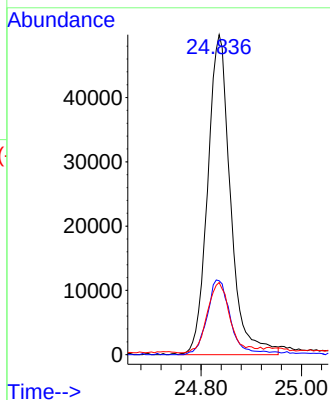
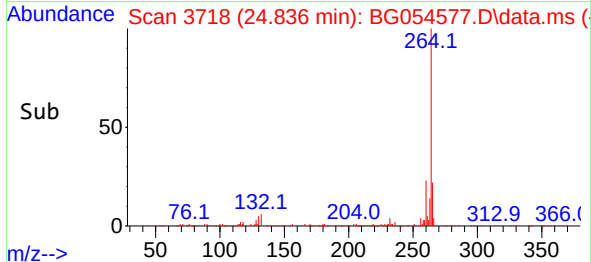
Instrument :
 BNA_G
 ClientSampleId :
 RVE-159D



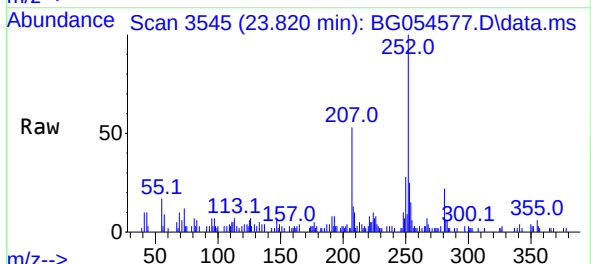
Tgt Ion:264 Resp: 157170
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 22.6 17.4 26.2

Manual Integrations
 APPROVED

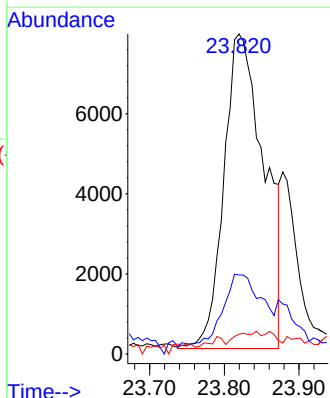
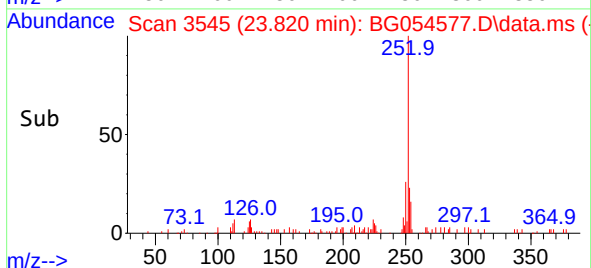
Reviewed By :Christian Giraldo 08/10/2022
 Supervised By :Jagrut Upadhyay 08/10/2022

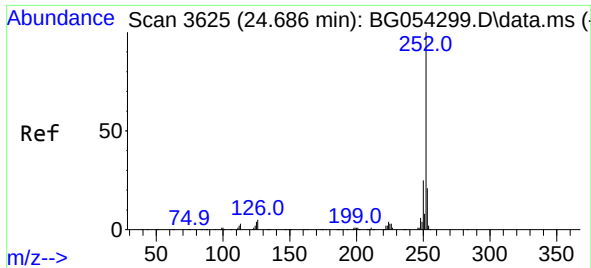


#88
 Benzo(b)fluoranthene
 Concen: 3.18 ng m
 RT: 23.820 min Scan# 3545
 Delta R.T. 0.001 min
 Lab File: BG054577.D
 Acq: 9 Aug 2022 20:05



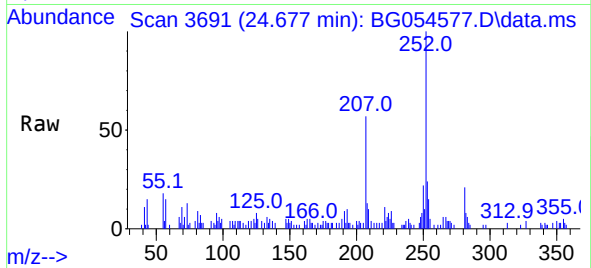
Tgt Ion:252 Resp: 29542
 Ion Ratio Lower Upper
 252 100
 253 24.7 18.0 27.0
 125 6.1 4.6 6.8





#90
Benzo(a)pyrene
Concen: 2.78 ng m
RT: 24.677 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG054577.D
Acq: 9 Aug 2022 20:05

Instrument :
BNA_G
ClientSampleId :
RVE-159D



Tgt Ion:252 Resp: 22070
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 7.6 4.3 6.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

