

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031122\
 Data File : BG052648.D
 Acq On : 11 Mar 2022 15:40
 Operator : CG/JU
 Sample : N1864-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MB-B2-030922-0-2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/14/2022
 Supervised By :Jagrut Upadhyay 03/14/2022

Quant Time: Mar 12 06:16:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 06:37:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.170	152	29332	20.000	ng	0.00
21) Naphthalene-d8	11.007	136	118171	20.000	ng	0.00
39) Acenaphthene-d10	14.820	164	76831	20.000	ng	0.00
64) Phenanthrene-d10	17.569	188	175380	20.000	ng	0.00
76) Chrysene-d12	21.881	240	163401	20.000	ng	0.00
86) Perylene-d12	25.305	264	167905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	183888	108.303	ng	0.00
7) Phenol-d6	7.318	99	262221	106.707	ng	0.00
23) Nitrobenzene-d5	9.339	82	173067	66.391	ng	0.00
42) 2,4,6-Tribromophenol	16.312	330	120530	110.612	ng	0.00
45) 2-Fluorobiphenyl	13.439	172	390608	68.621	ng	0.00
79) Terphenyl-d14	20.171	244	635747	68.848	ng	0.00
Target Compounds						
75) Fluoranthene	19.625	202	31665	2.756	ng	Qvalue 99
78) Pyrene	19.983	202	29831	2.731	ng	95
88) Benzo(b)fluoranthene	24.213	252	24601	2.373	ng	# 92
90) Benzo(a)pyrene	25.147	252	18306m	2.087	ng	

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

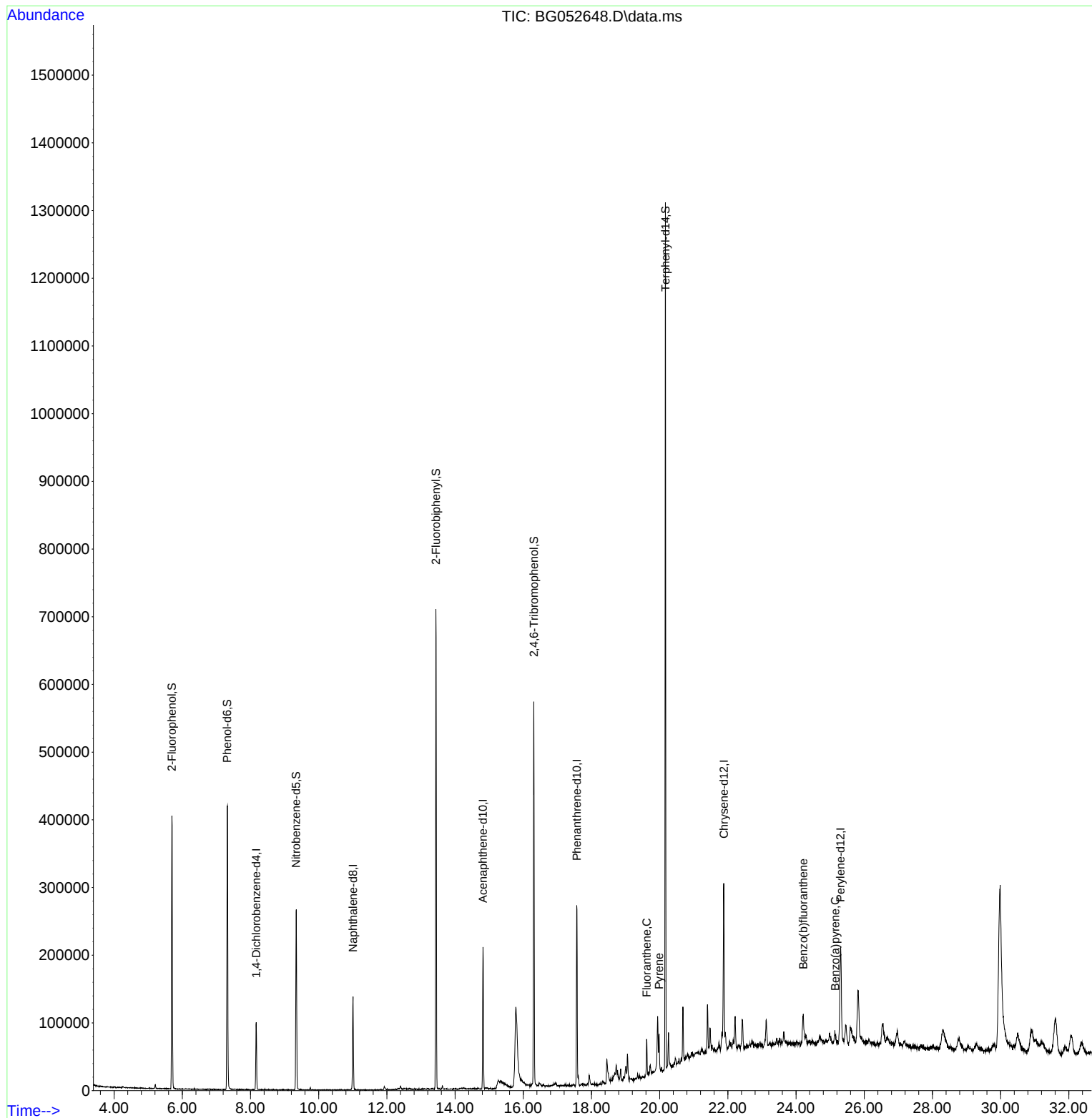
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031122\
Data File : BG052648.D
Acq On : 11 Mar 2022 15:40
Operator : CG/JU
Sample : N1864-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

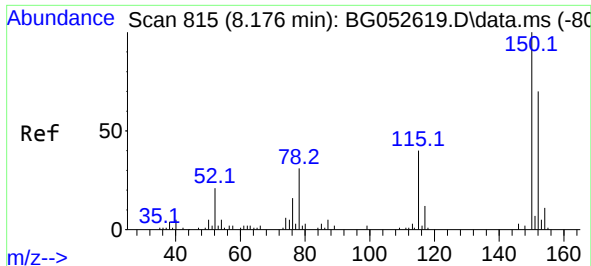
Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2

Quant Time: Mar 12 06:16:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
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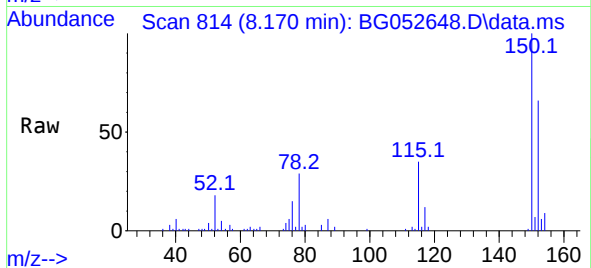
Reviewed By : Christian Giraldo 03/14/2022
Supervised By : Jagrut Upadhyay 03/14/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.170 min Scan# 815
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

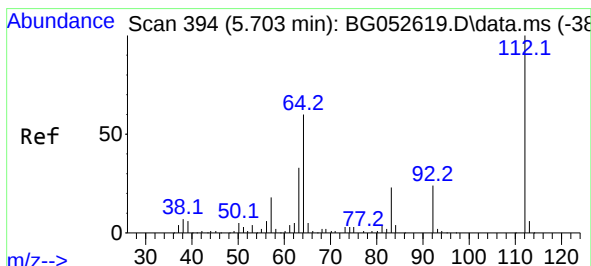
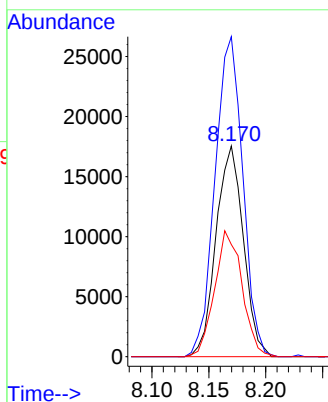
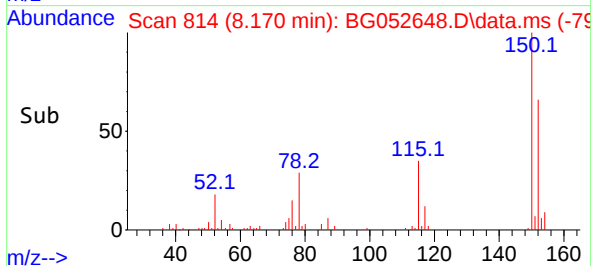
Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2



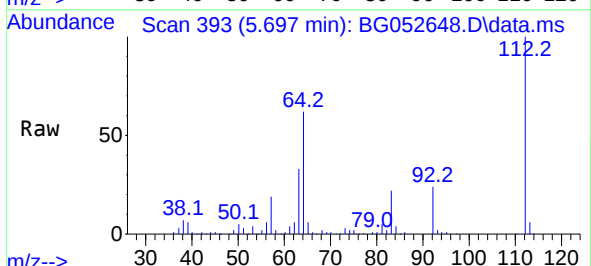
Tgt Ion:152 Resp: 29332
Ion Ratio Lower Upper
152 100
150 151.9 114.6 172.0
115 53.2 45.9 68.9

Manual Integrations
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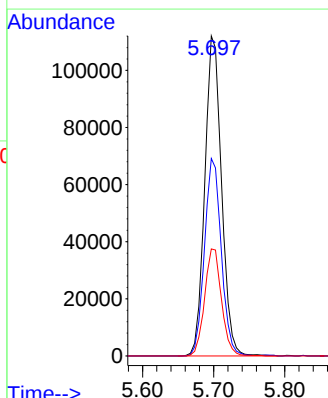
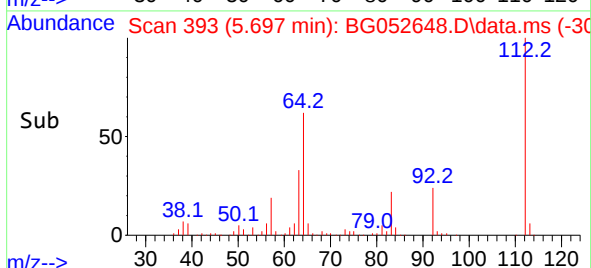
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

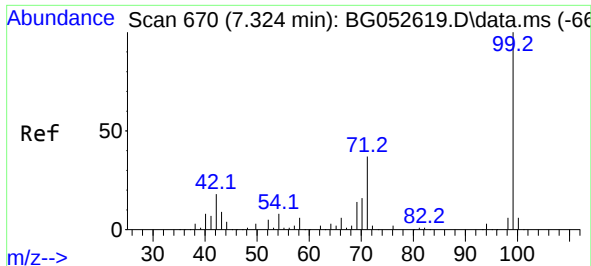


#5
2-Fluorophenol
Concen: 108.303 ng
RT: 5.697 min Scan# 393
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40



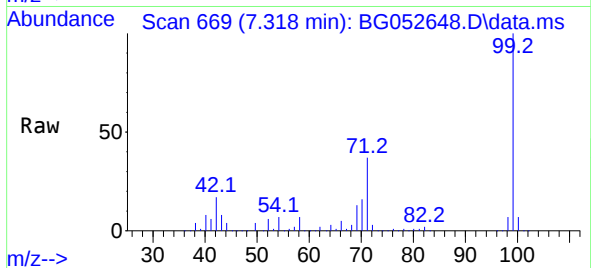
Tgt Ion:112 Resp: 183888
Ion Ratio Lower Upper
112 100
64 61.7 48.0 72.0
63 33.4 26.5 39.7





#7
Phenol-d6
Concen: 106.707 ng
RT: 7.318 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

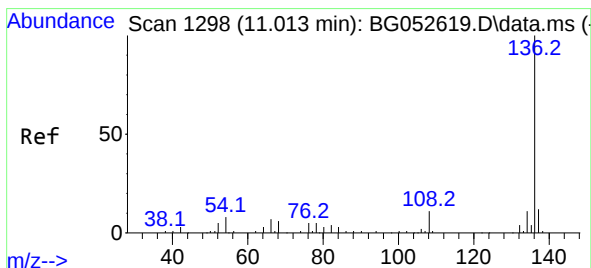
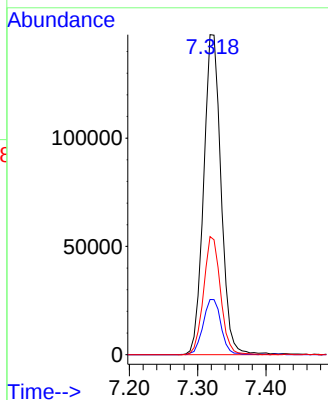
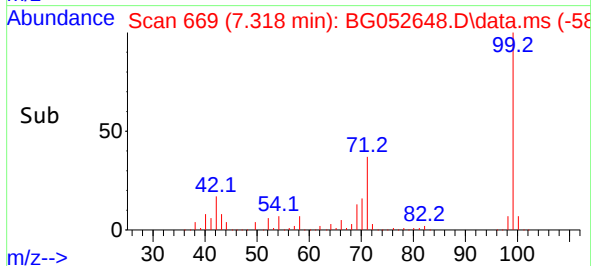
Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2



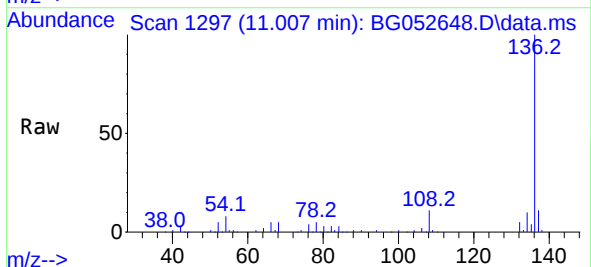
Tgt Ion: 99 Resp: 26222
Ion Ratio Lower Upper
99 100
42 17.3 14.7 22.1
71 36.9 29.2 43.8

Manual Integrations
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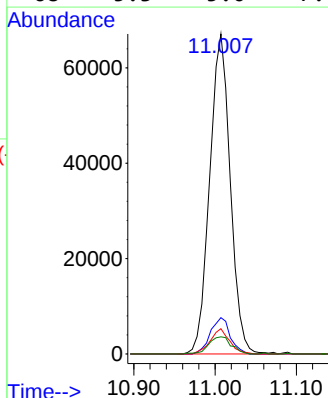
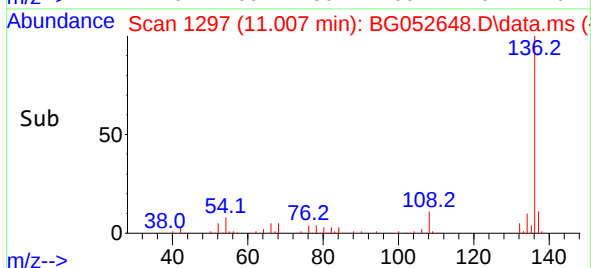
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

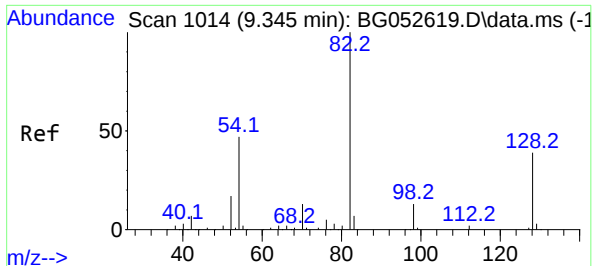


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.007 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40



Tgt Ion:136 Resp: 118171
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 7.9 6.4 9.6
68 5.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 66.391 ng

RT: 9.339 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BG052648.D

Acq: 11 Mar 2022 15:40

Instrument :

BNA_G

ClientSampleId :

MB-B2-030922-0-2

Tgt Ion: 82 Resp: 17306

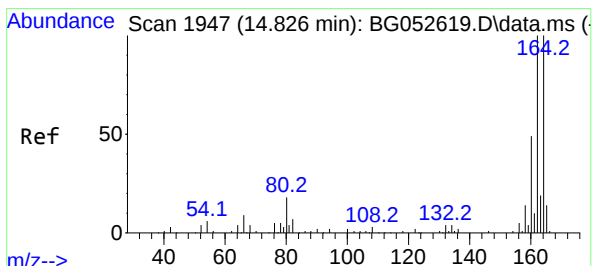
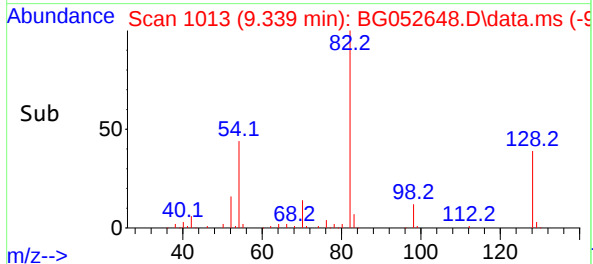
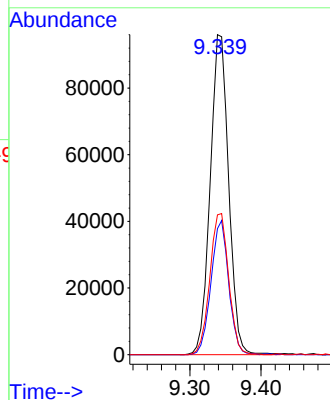
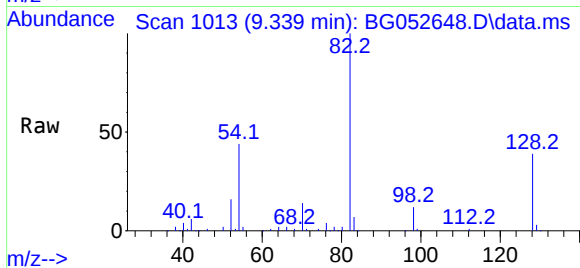
Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.3	46.9
54	43.7	37.8	56.8

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.820 min Scan# 1946

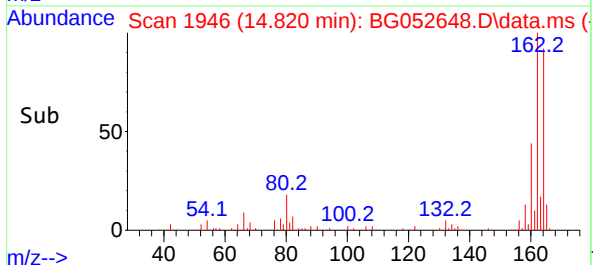
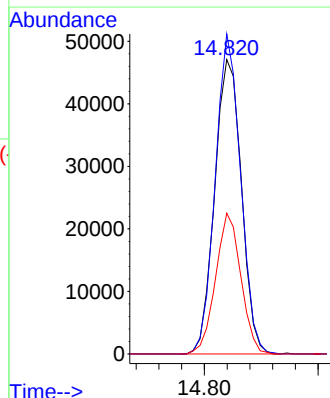
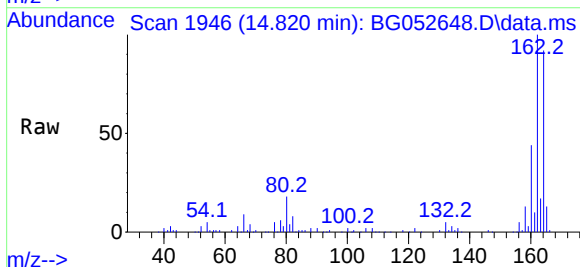
Delta R.T. -0.006 min

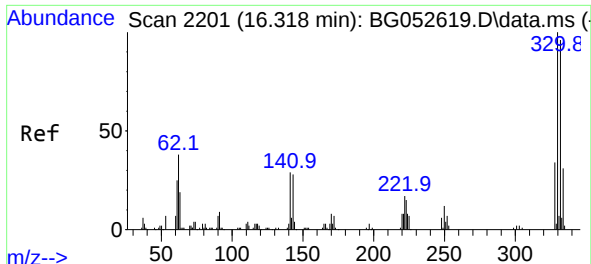
Lab File: BG052648.D

Acq: 11 Mar 2022 15:40

Tgt Ion:164 Resp: 76831

Ion	Ratio	Lower	Upper
164	100		
162	108.7	80.0	120.0
160	47.8	38.8	58.2





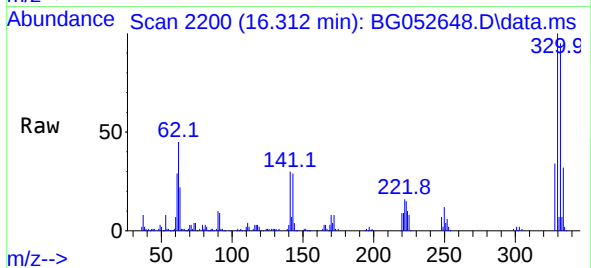
#42
2,4,6-Tribromophenol
Concen: 110.612 ng
RT: 16.312 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Instrument :

BNA_G

ClientSampleId :

MB-B2-030922-0-2

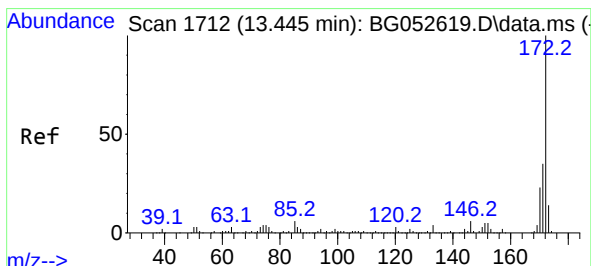
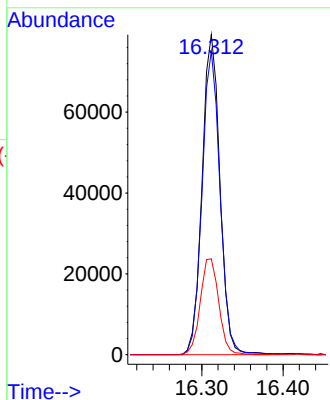
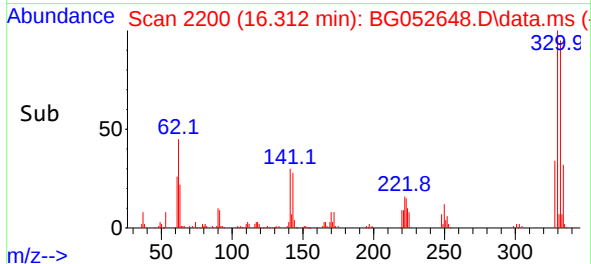


Tgt Ion:330 Resp: 120530
Ion Ratio Lower Upper
330 100
332 95.6 75.8 113.6
141 31.1 24.6 36.8

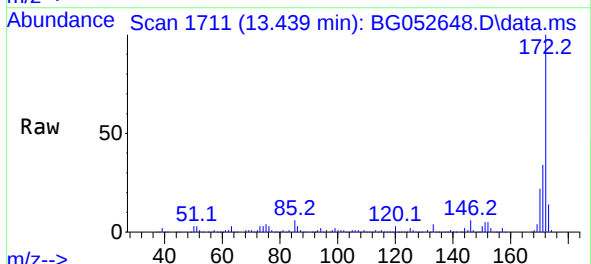
Manual Integrations

APPROVED

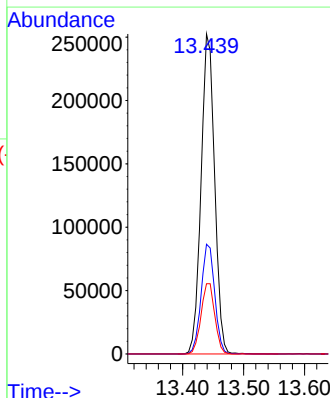
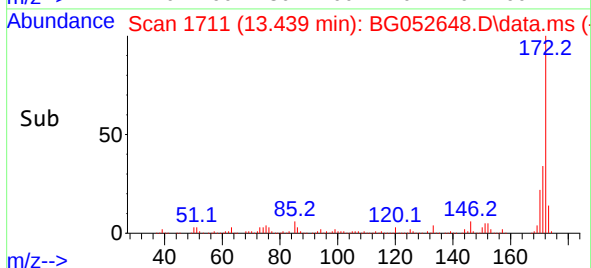
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

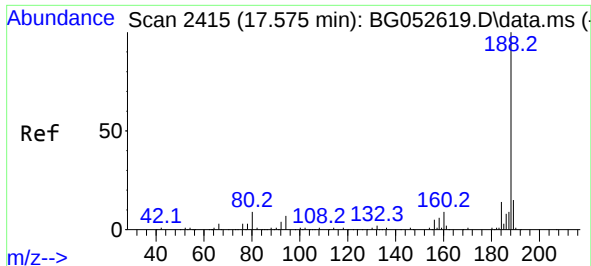


#45
2-Fluorobiphenyl
Concen: 68.621 ng
RT: 13.439 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40



Tgt Ion:172 Resp: 390608
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 22.0 18.0 27.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.569 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Instrument :

BNA_G

ClientSampleId :

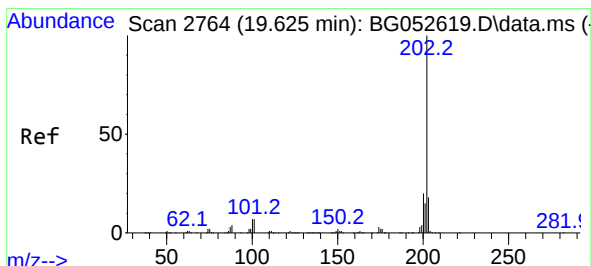
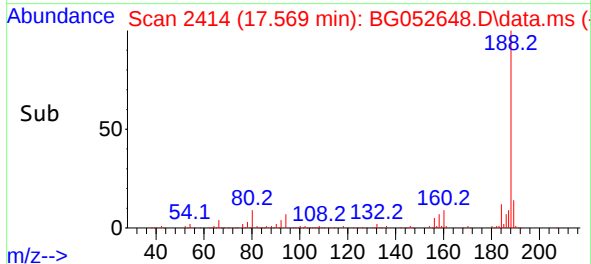
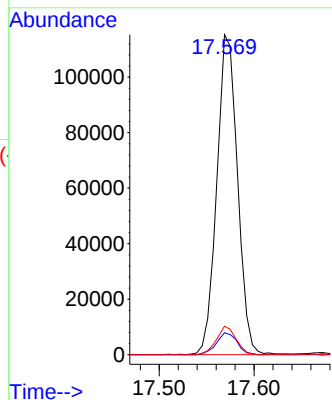
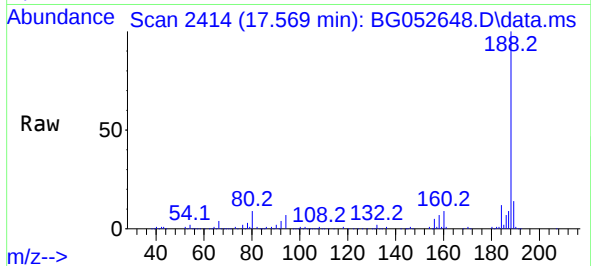
MB-B2-030922-0-2

Tgt Ion:188 Resp: 175380
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 8.9 7.2 10.8

Manual Integrations

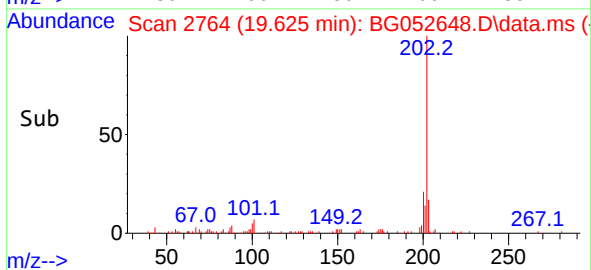
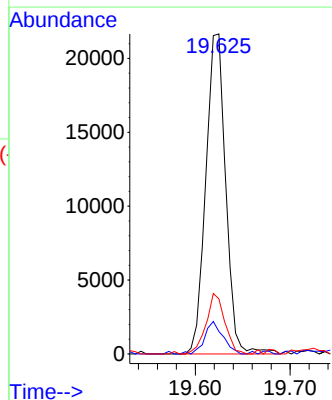
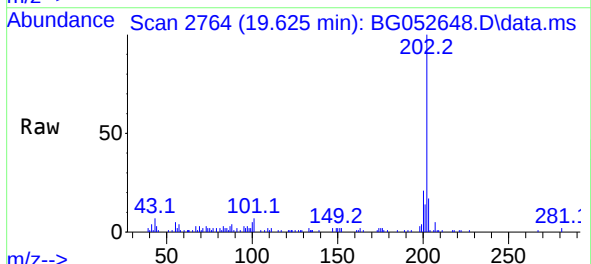
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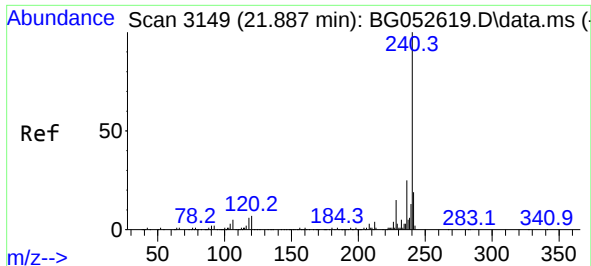
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#75
Fluoranthene
Concen: 2.756 ng
RT: 19.625 min Scan# 2764
Delta R.T. -0.000 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

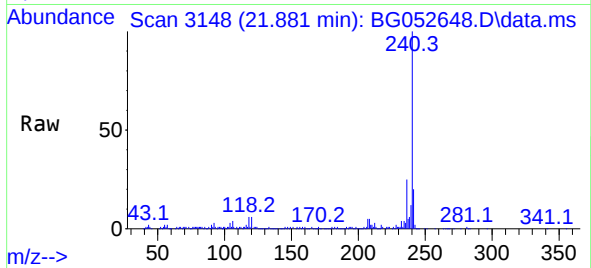
Tgt Ion:202 Resp: 31665
Ion Ratio Lower Upper
202 100
101 7.0 0.0 27.3
203 17.2 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.881 min Scan# 3149
Delta R.T. -0.006 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

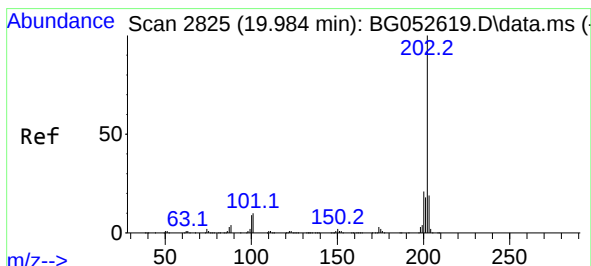
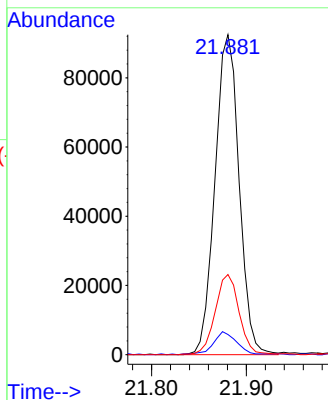
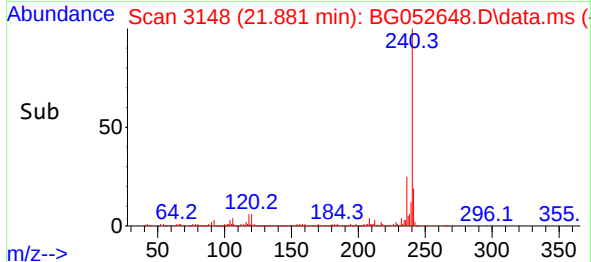
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BNA_G
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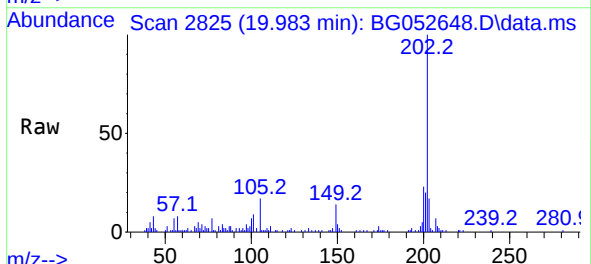
Tgt Ion:240 Resp: 16340
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 25.1 19.8 29.6

Manual Integrations
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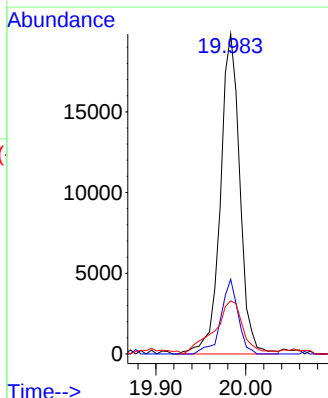
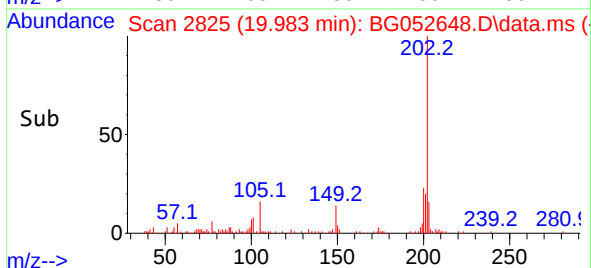
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

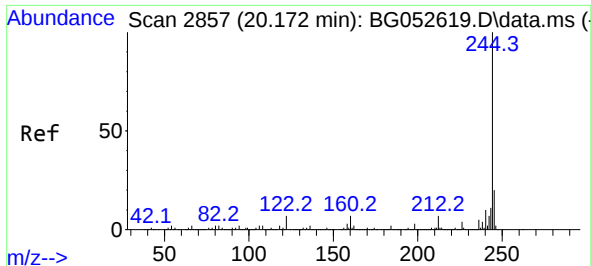


#78
Pyrene
Concen: 2.731 ng
RT: 19.983 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40



Tgt Ion:202 Resp: 29831
Ion Ratio Lower Upper
202 100
200 23.4 17.0 25.6
203 16.6 15.0 22.6





#79
Terphenyl-d14
Concen: 68.848 ng
RT: 20.171 min Scan# 2857
Delta R.T. -0.000 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

Instrument :

BNA_G

ClientSampleId :

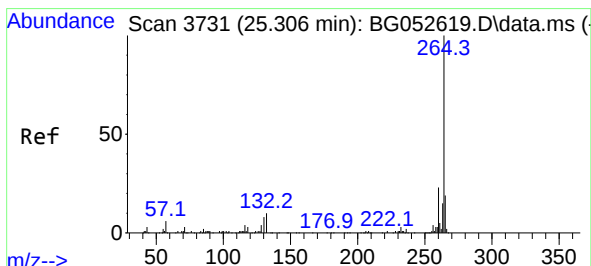
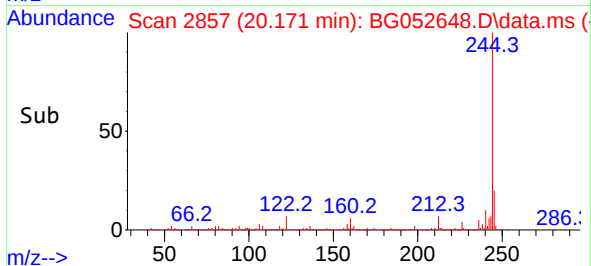
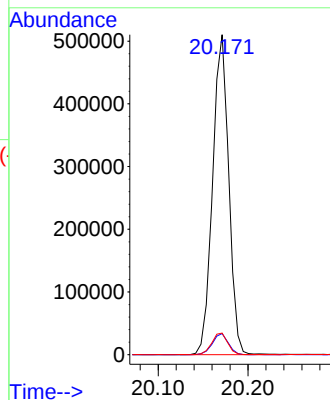
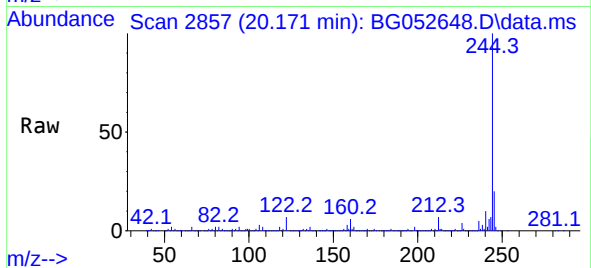
MB-B2-030922-0-2

Tgt Ion:244 Resp: 63574
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 6.7 5.8 8.6

Manual Integrations

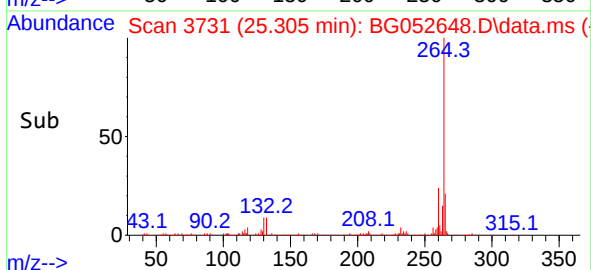
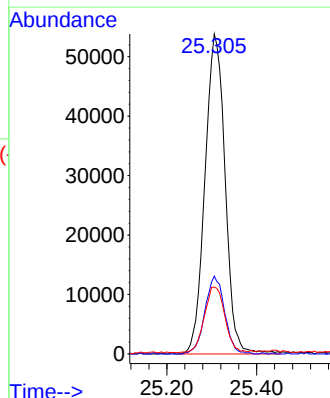
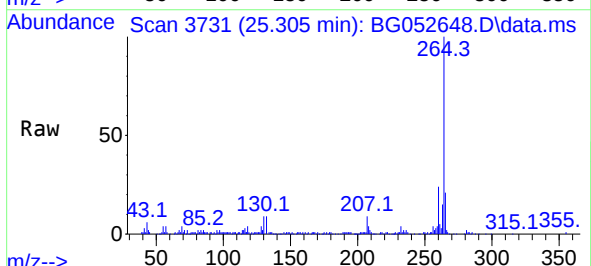
APPROVED

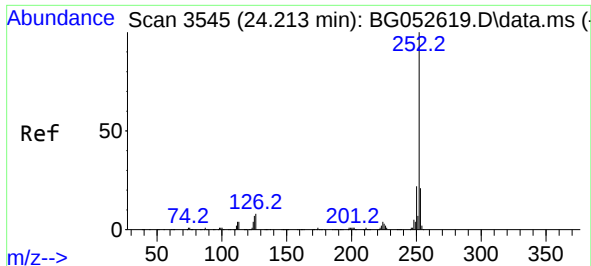
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.305 min Scan# 3731
Delta R.T. -0.000 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

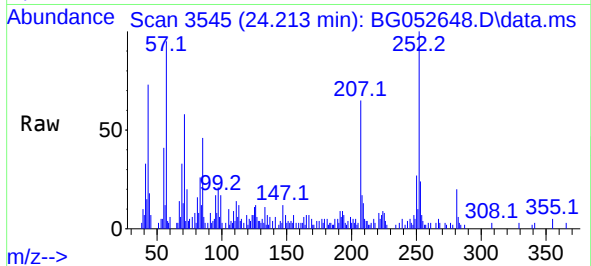
Tgt Ion:264 Resp: 167905
Ion Ratio Lower Upper
264 100
260 24.3 18.2 27.2
265 20.9 15.1 22.7





#88
Benzo(b)fluoranthene
Concen: 2.373 ng
RT: 24.213 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40

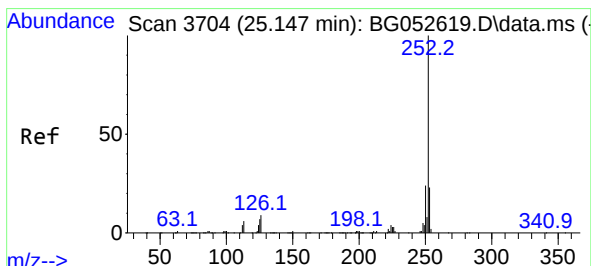
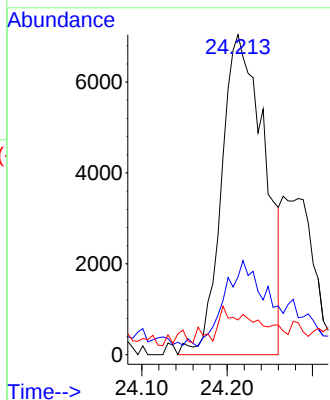
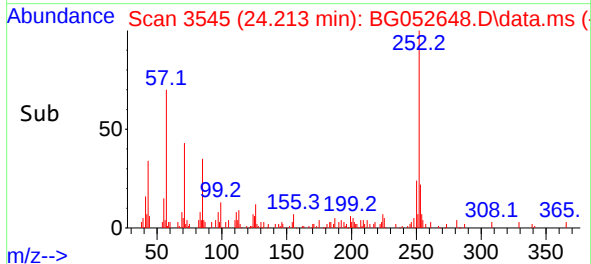
Instrument :
BNA_G
ClientSampleId :
MB-B2-030922-0-2



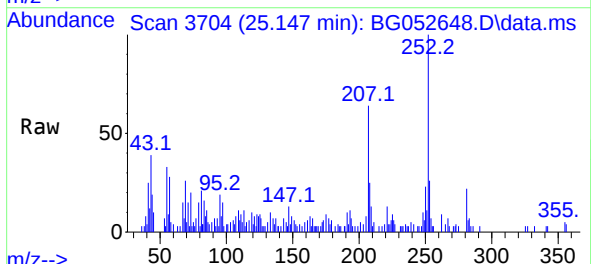
Tgt Ion:252 Resp: 2460
Ion Ratio Lower Upper
252 100
253 24.3 17.2 25.8
125 10.8 5.2 7.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#90
Benzo(a)pyrene
Concen: 2.087 ng m
RT: 25.147 min Scan# 3704
Delta R.T. -0.000 min
Lab File: BG052648.D
Acq: 11 Mar 2022 15:40



Tgt Ion:252 Resp: 18306
Ion Ratio Lower Upper
252 100
253 26.5 18.4 27.6
125 9.2 5.6 8.4

