

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
 Data File : BG052637.D
 Acq On : 10 Mar 2022 16:58
 Operator : CG/JU
 Sample : N1845-07 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-7

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/11/2022
 Supervised By : Jagrut Upadhyay 03/11/2022

Quant Time: Mar 11 03:45:13 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	8.177	152	48654	20.000	ng	0.00
21) Naphthalene-d8	11.015	136	195070	20.000	ng	0.00
39) Acenaphthene-d10	14.827	164	122931	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	242056	20.000	ng	0.00
76) Chrysene-d12	21.888	240	203817	20.000	ng	0.00
86) Perylene-d12	25.331	264	180667	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.710	112	100064	35.529	ng	0.00
7) Phenol-d6	7.325	99	163262	40.053	ng	0.00
23) Nitrobenzene-d5	9.346	82	116240	27.013	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	34653	19.876	ng	0.00
45) 2-Fluorobiphenyl	13.447	172	267332	29.352	ng	0.00
79) Terphenyl-d14	20.179	244	334287	29.023	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.623	178	37789	2.976	ng	99
75) Fluoranthene	19.626	202	61856	3.901	ng	98
78) Pyrene	19.991	202	55914	4.104	ng	98
81) Benzo(a)anthracene	21.870	228	28631m	2.097	ng	
83) Chrysene	21.935	228	30864	2.417	ng	# 96
88) Benzo(b)fluoranthene	24.232	252	30775	2.759	ng	# 57
90) Benzo(a)pyrene	25.160	252	19377	2.053	ng	# 65

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

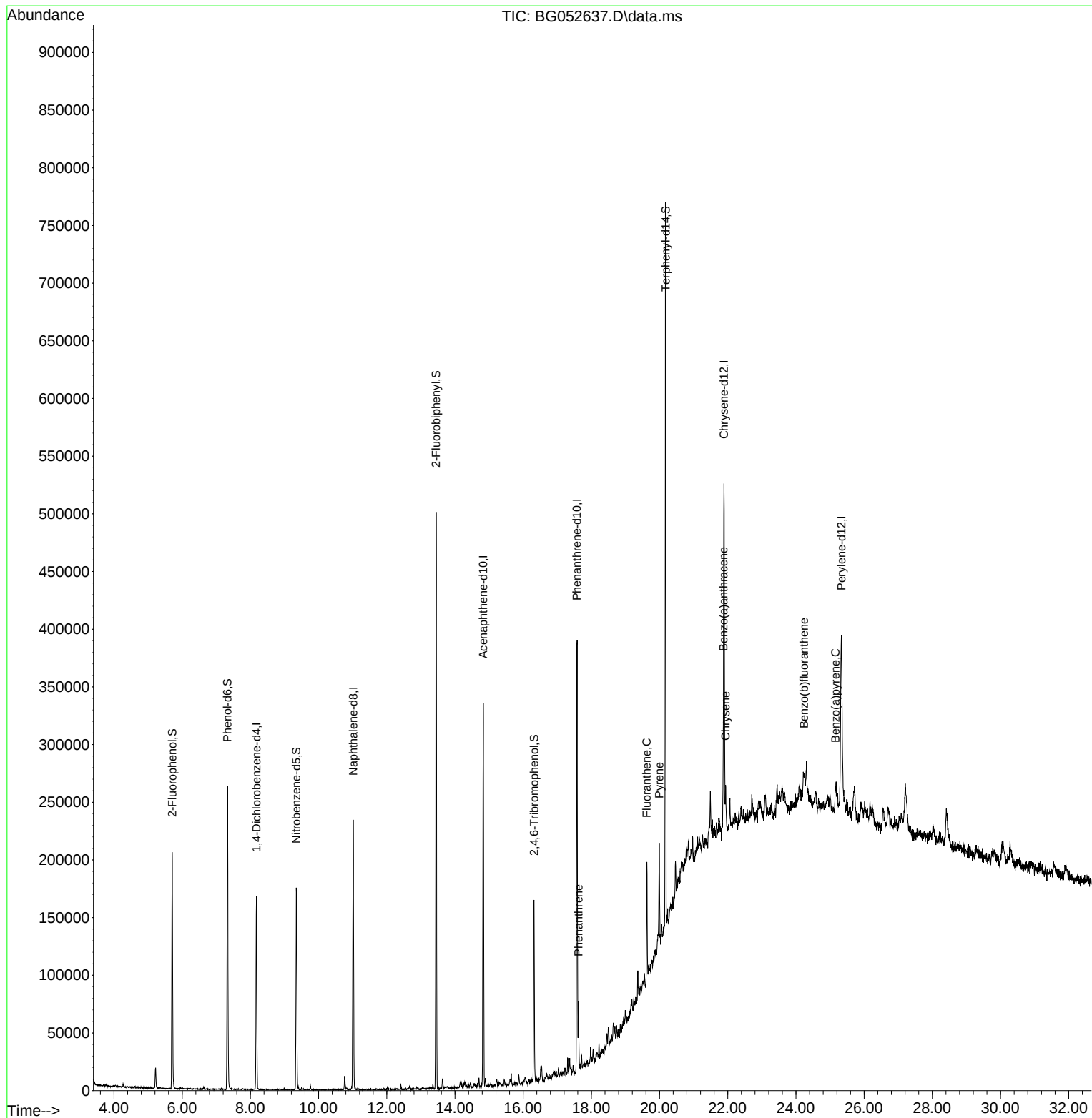
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052637.D
Acq On : 10 Mar 2022 16:58
Operator : CG/JU
Sample : N1845-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

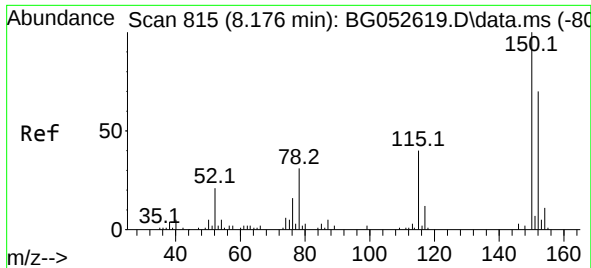
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Mar 11 03:45:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
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QLast Update : Thu Mar 10 06:37:54 2022
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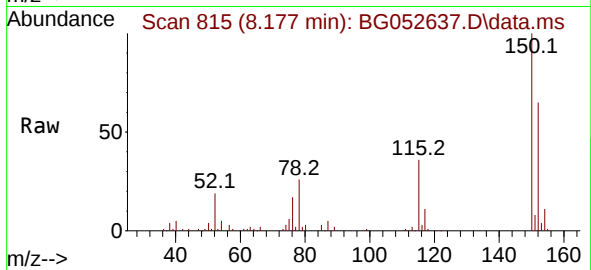
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.177 min Scan# 815
Delta R.T. 0.001 min
Lab File: BG052637.D
Acq: 10 Mar 2022 16:58

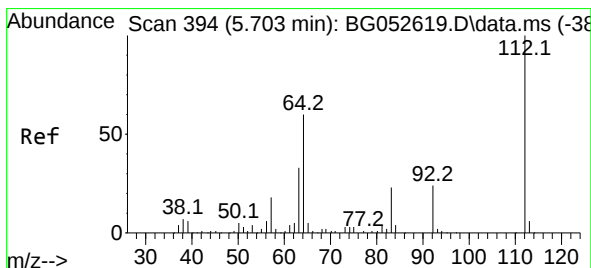
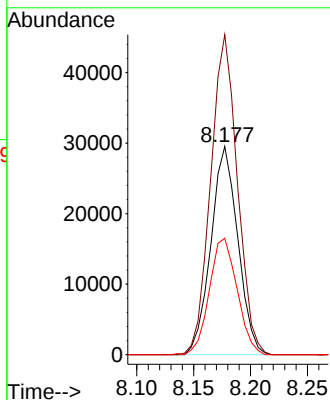
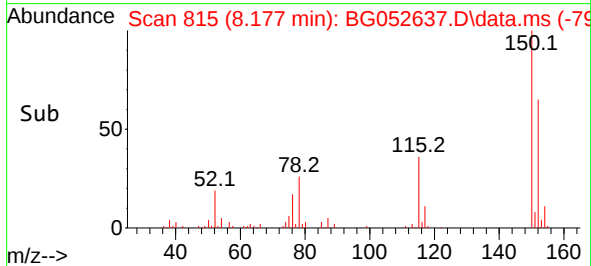
Instrument :
BNA_G
ClientSampleId :
SAMPLE-7



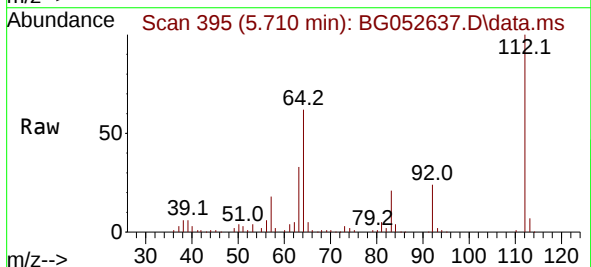
Tgt Ion:152 Resp: 48654
Ion Ratio Lower Upper
152 100
150 153.7 114.6 172.0
115 55.9 45.9 68.9

Manual Integrations
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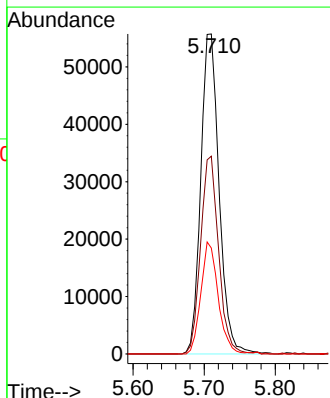
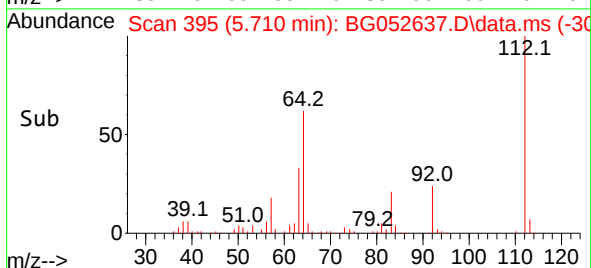
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

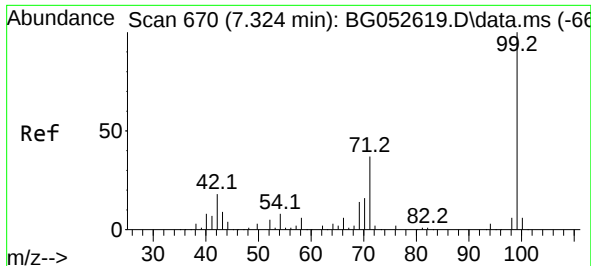


#5
2-Fluorophenol
Concen: 35.529 ng
RT: 5.710 min Scan# 395
Delta R.T. 0.007 min
Lab File: BG052637.D
Acq: 10 Mar 2022 16:58



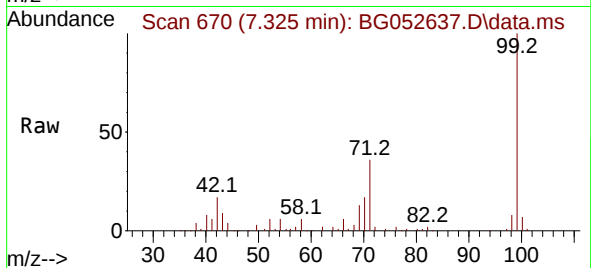
Tgt Ion:112 Resp: 100064
Ion Ratio Lower Upper
112 100
64 61.8 48.0 72.0
63 33.1 26.5 39.7





#7
Phenol-d6
Concen: 40.053 ng
RT: 7.325 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG052637.D
Acq: 10 Mar 2022 16:58

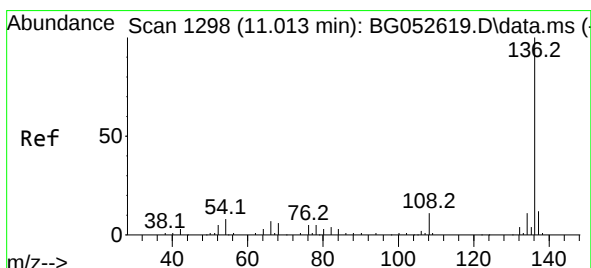
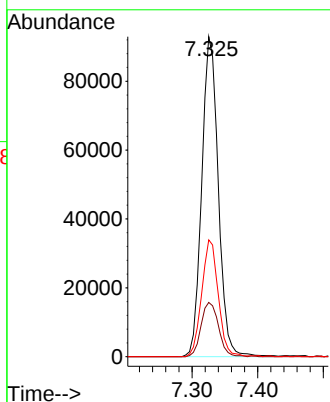
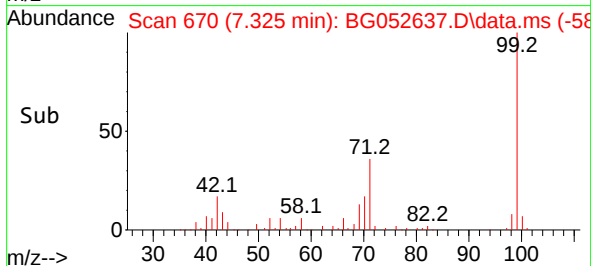
Instrument :
BNA_G
ClientSampleId :
SAMPLE-7



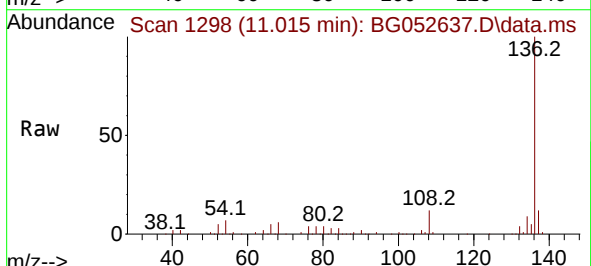
Tgt Ion: 99 Resp: 16326
Ion Ratio Lower Upper
99 100
42 17.0 14.7 22.1
71 36.5 29.2 43.8

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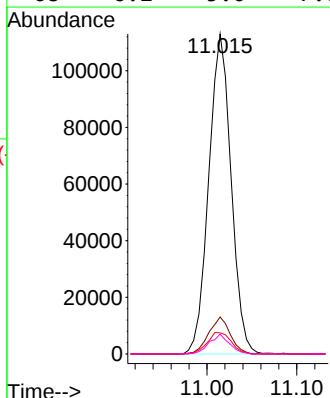
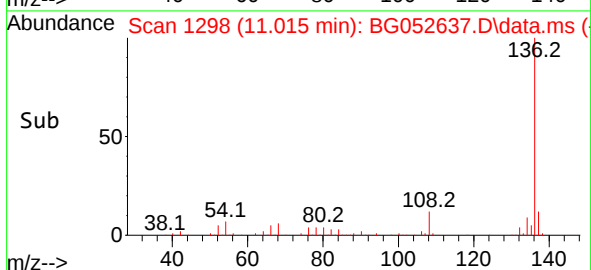
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

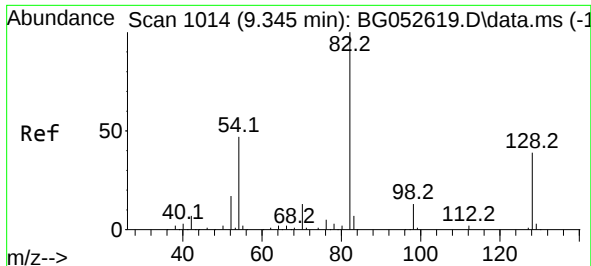


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.015 min Scan# 1298
Delta R.T. 0.002 min
Lab File: BG052637.D
Acq: 10 Mar 2022 16:58



Tgt Ion:136 Resp: 195070
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 6.6 6.4 9.6
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 27.013 ng

RT: 9.346 min Scan# 1014

Delta R.T. 0.001 min

Lab File: BG052637.D

Acq: 10 Mar 2022 16:58

Instrument :

BNA_G

ClientSampleId :

SAMPLE-7

Tgt Ion: 82 Resp: 116240

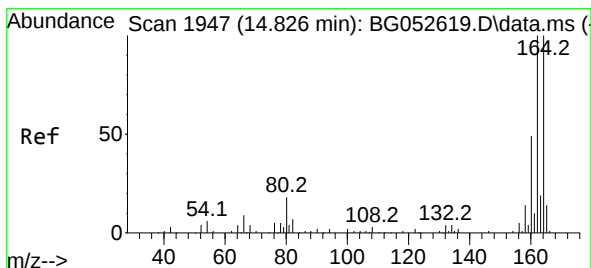
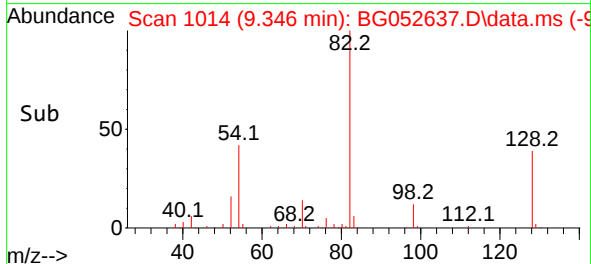
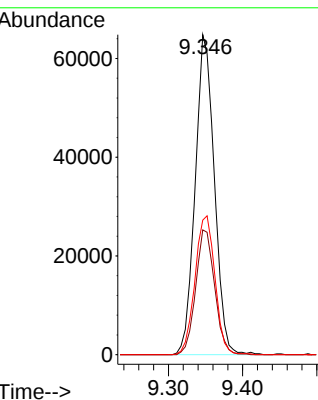
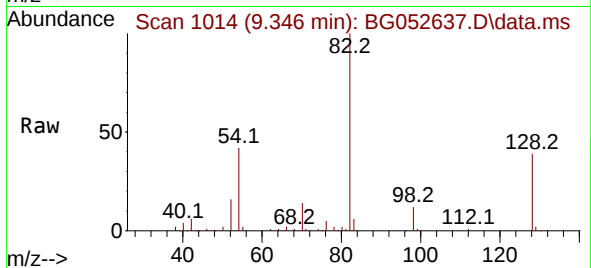
Ion	Ratio	Lower	Upper
82	100		
128	39.0	31.3	46.9
54	42.1	37.8	56.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.827 min Scan# 1947

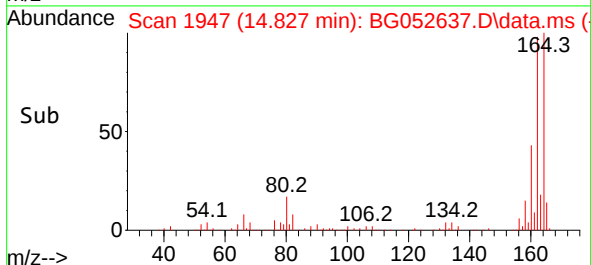
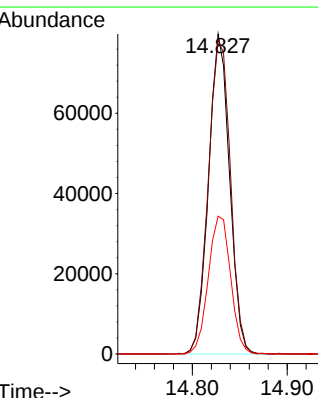
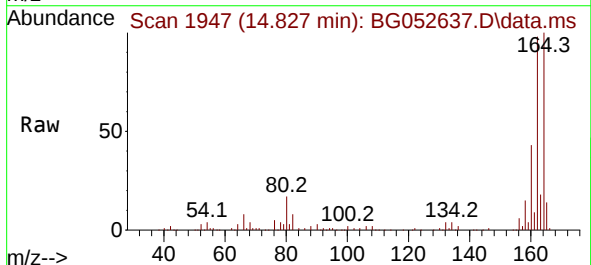
Delta R.T. 0.001 min

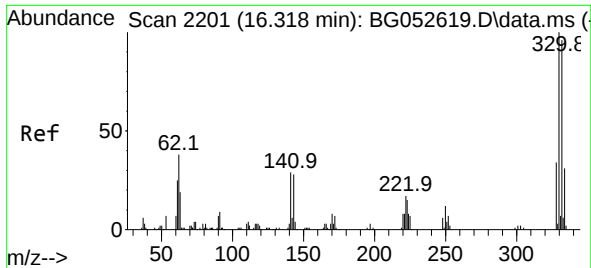
Lab File: BG052637.D

Acq: 10 Mar 2022 16:58

Tgt Ion:164 Resp: 122931

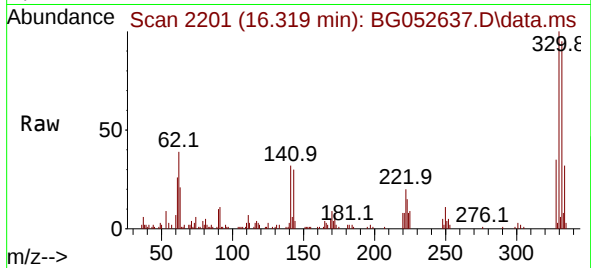
Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.0	120.0
160	43.1	38.8	58.2





#42
2,4,6-Tribromophenol
Concen: 19.876 ng
RT: 16.319 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG052637.D
Acq: 10 Mar 2022 16:58

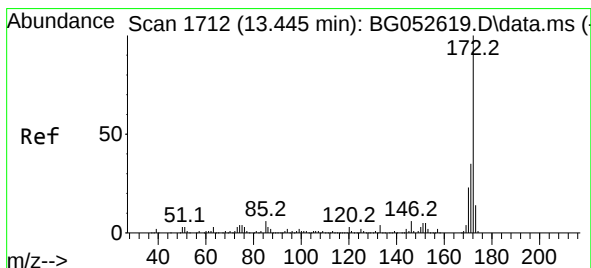
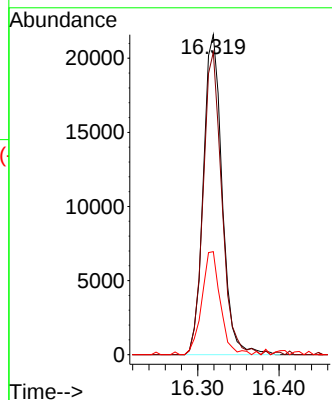
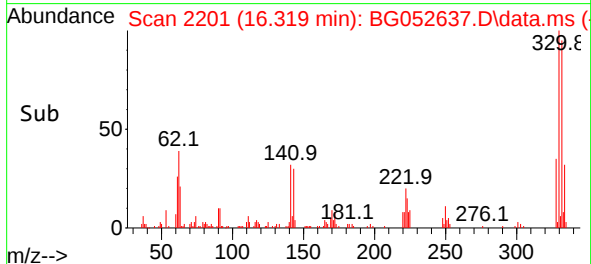
Instrument :
BNA_G
ClientSampleId :
SAMPLE-7



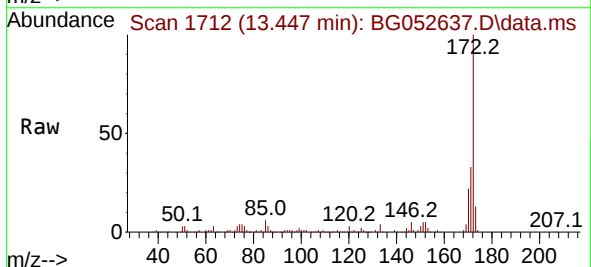
Tgt Ion:330 Resp: 3465
Ion Ratio Lower Upper
330 100
332 93.2 75.8 113.6
141 31.7 24.6 36.8

Manual Integrations
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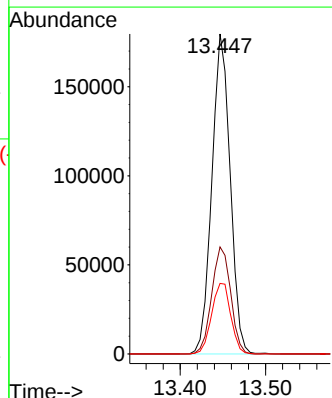
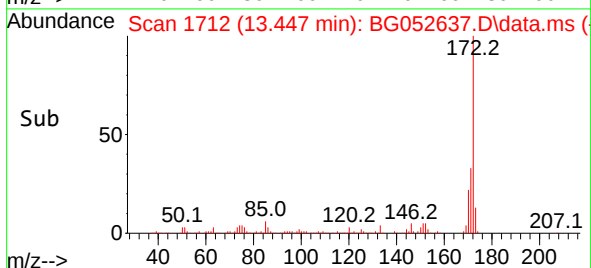
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

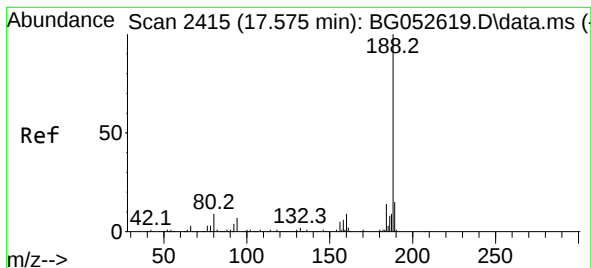


#45
2-Fluorobiphenyl
Concen: 29.352 ng
RT: 13.447 min Scan# 1712
Delta R.T. 0.002 min
Lab File: BG052637.D
Acq: 10 Mar 2022 16:58



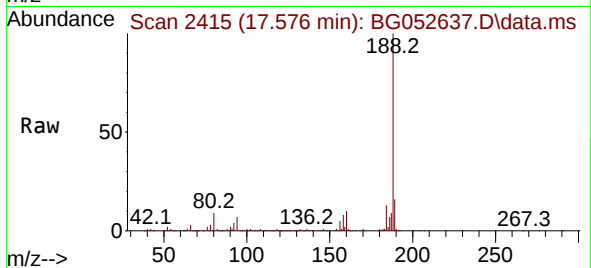
Tgt Ion:172 Resp: 267332
Ion Ratio Lower Upper
172 100
171 33.4 28.3 42.5
170 22.1 18.0 27.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2415
Delta R.T. 0.001 min
Lab File: BG052637.D
Acq: 10 Mar 2022 16:58

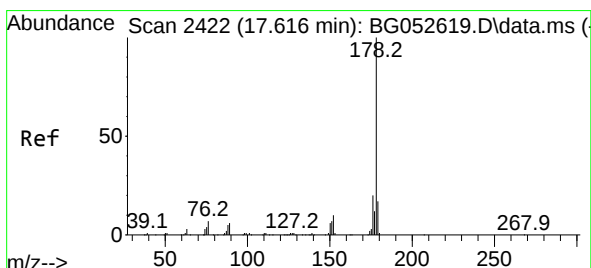
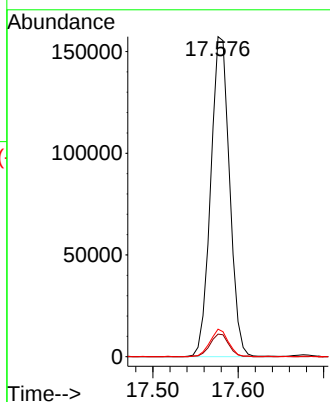
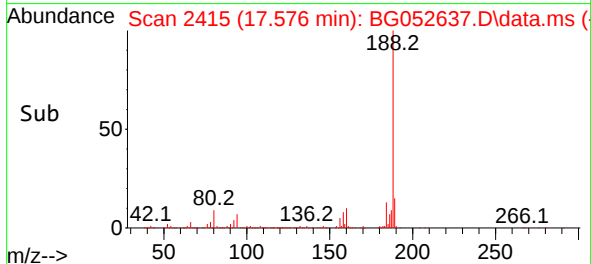
Instrument :
BNA_G
ClientSampleId :
SAMPLE-7



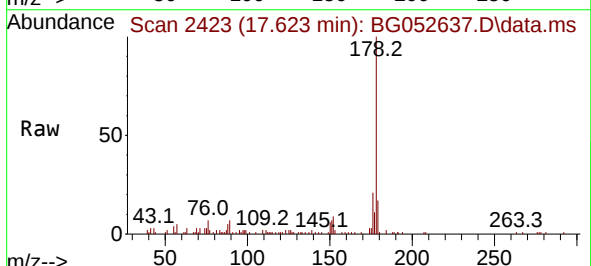
Tgt Ion:188 Resp: 242050
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 8.6 7.2 10.8

Manual Integrations
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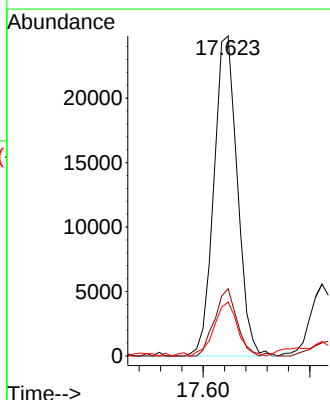
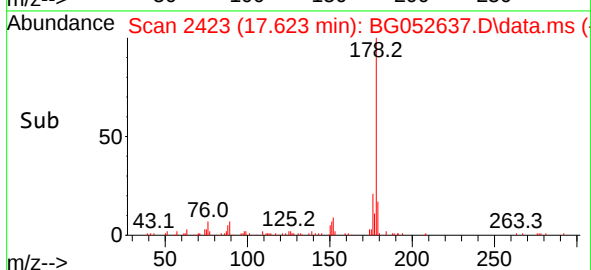
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

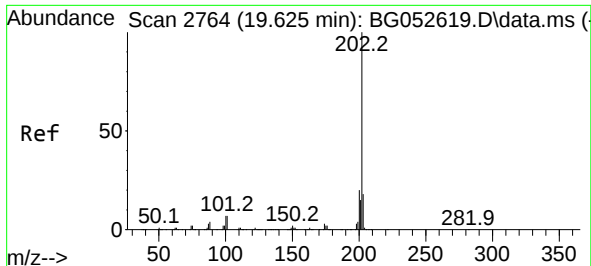


#71
Phenanthrene
Concen: 2.976 ng
RT: 17.623 min Scan# 2423
Delta R.T. 0.007 min
Lab File: BG052637.D
Acq: 10 Mar 2022 16:58



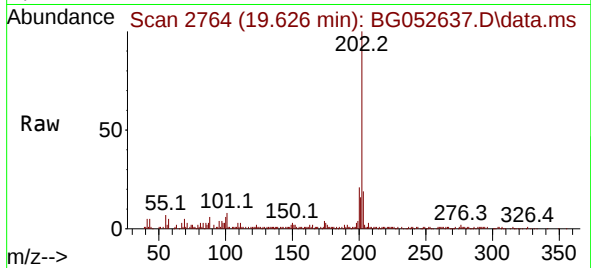
Tgt Ion:178 Resp: 37789
Ion Ratio Lower Upper
178 100
176 21.0 15.9 23.9
179 16.8 13.4 20.2





#75
Fluoranthene
Concen: 3.901 ng
RT: 19.626 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG052637.D
Acq: 10 Mar 2022 16:58

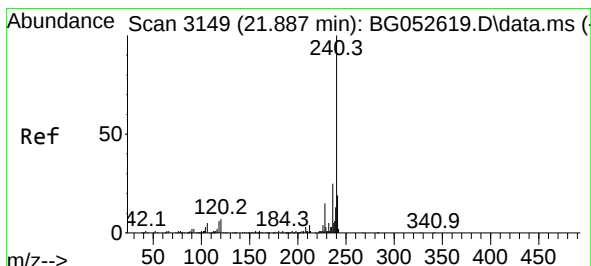
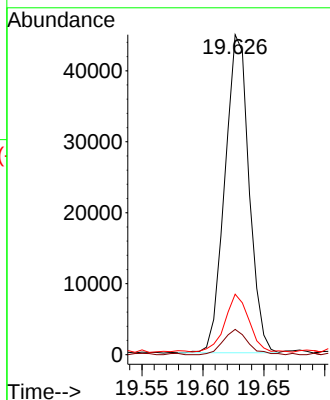
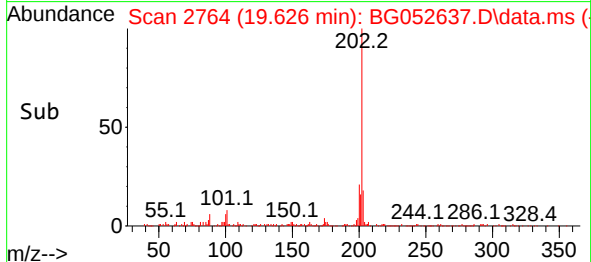
Instrument :
BNA_G
ClientSampleId :
SAMPLE-7



Tgt Ion:202 Resp: 61850
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.3
203 18.9 0.0 37.7

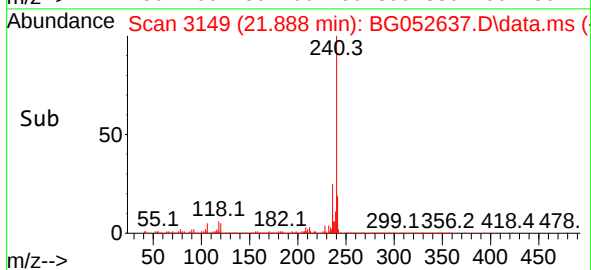
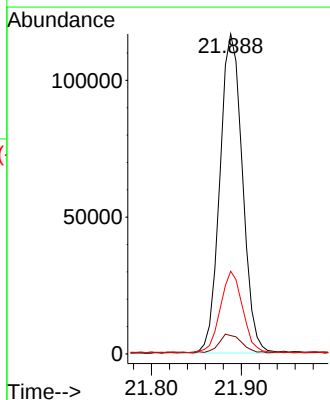
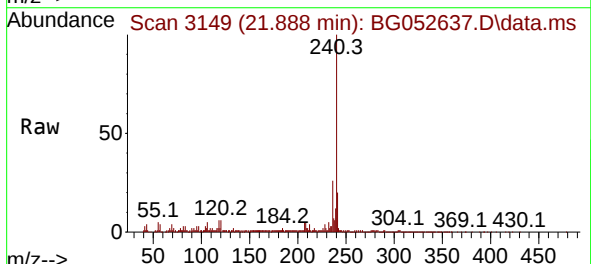
Manual Integrations
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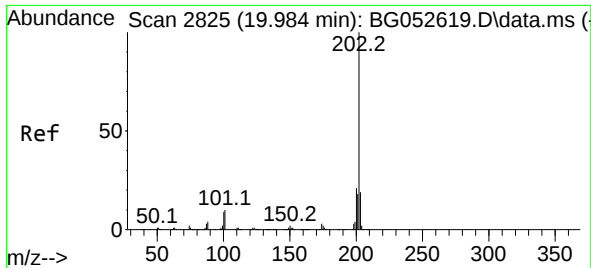
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.888 min Scan# 3149
Delta R.T. 0.001 min
Lab File: BG052637.D
Acq: 10 Mar 2022 16:58

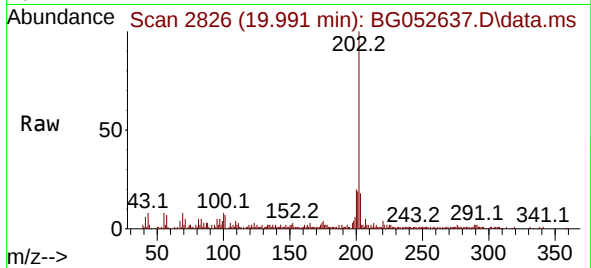
Tgt Ion:240 Resp: 203817
Ion Ratio Lower Upper
240 100
120 5.7 5.4 8.0
236 25.8 19.8 29.6





#78
 Pyrene
 Concen: 4.104 ng
 RT: 19.991 min Scan# 2826
 Delta R.T. 0.007 min
 Lab File: BG052637.D
 Acq: 10 Mar 2022 16:58

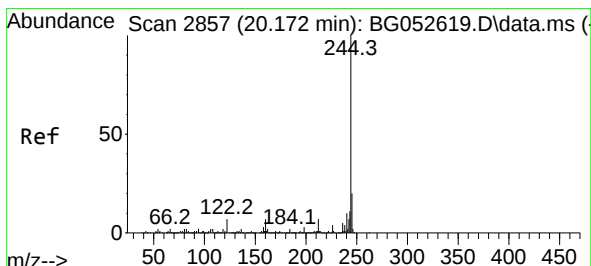
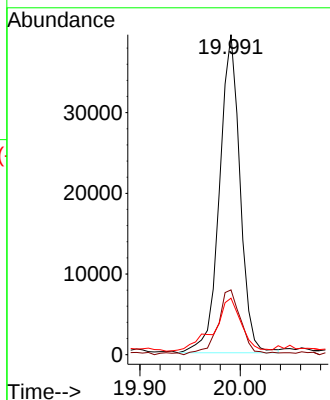
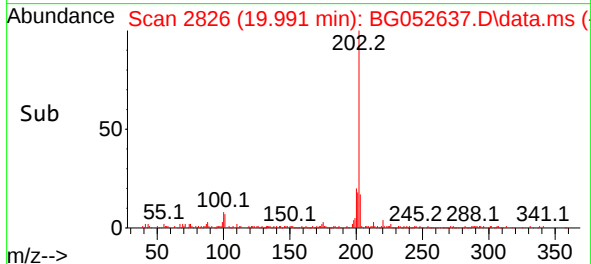
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-7



Tgt Ion:202 Resp: 55914
 Ion Ratio Lower Upper
 202 100
 200 20.3 17.0 25.6
 203 17.7 15.0 22.6

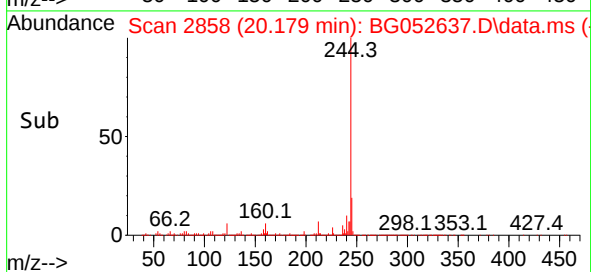
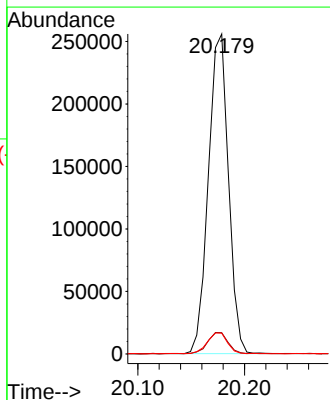
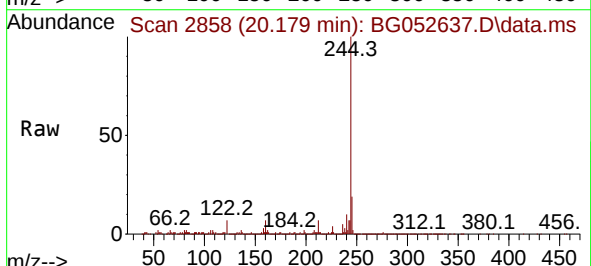
Manual Integrations
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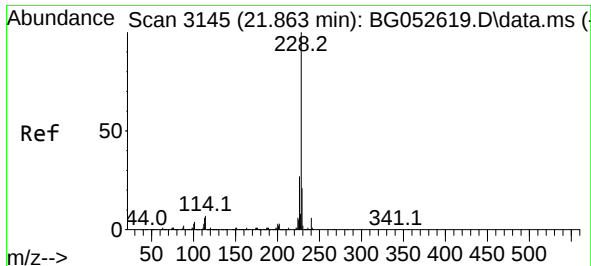
Reviewed By :Christian Giraldo 03/11/2022
 Supervised By :Jagrut Upadhyay 03/11/2022



#79
 Terphenyl-d14
 Concen: 29.023 ng
 RT: 20.179 min Scan# 2858
 Delta R.T. 0.007 min
 Lab File: BG052637.D
 Acq: 10 Mar 2022 16:58

Tgt Ion:244 Resp: 334287
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 6.5 5.8 8.6





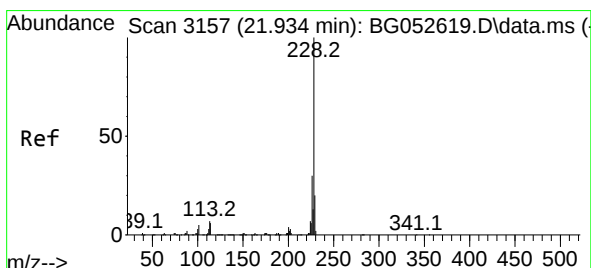
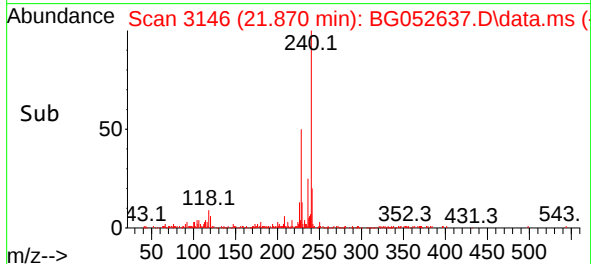
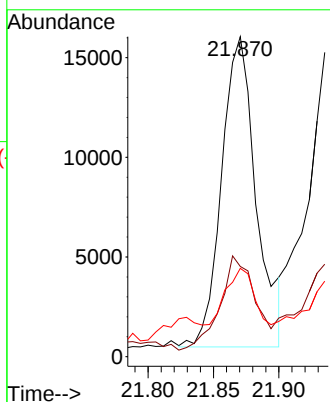
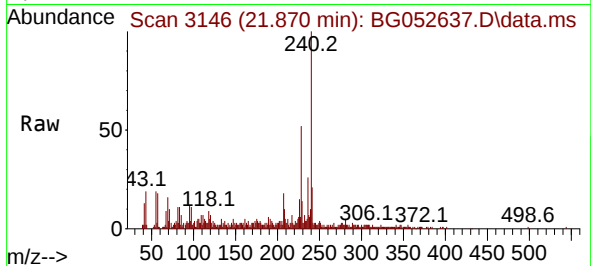
#81
Benzo(a)anthracene
Concen: 2.097 ng m
RT: 21.870 min Scan# 3145
Delta R.T. 0.007 min
Lab File: BG052637.D
Acq: 10 Mar 2022 16:58

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7

Tgt Ion:228 Resp: 2863
Ion Ratio Lower Upper
228 100
226 28.2 21.4 32.0
229 27.6 16.7 25.1

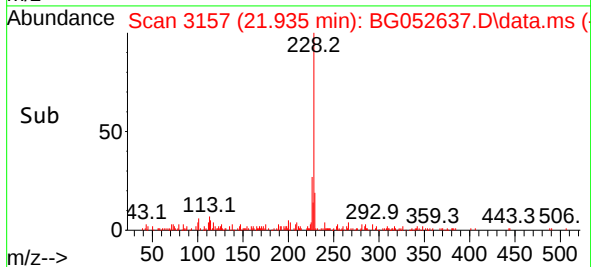
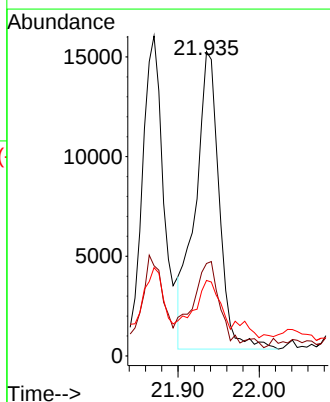
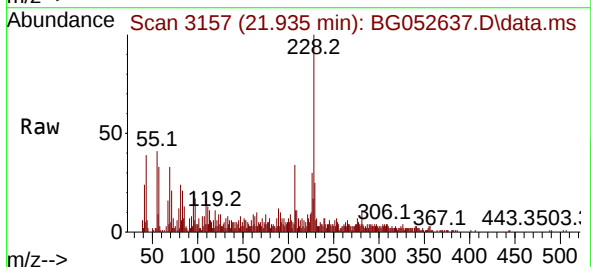
Manual Integrations
APPROVED

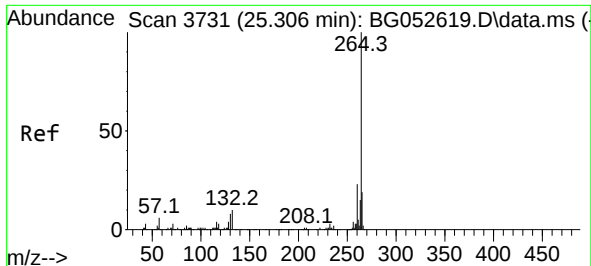
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#83
Chrysene
Concen: 2.417 ng
RT: 21.935 min Scan# 3157
Delta R.T. 0.001 min
Lab File: BG052637.D
Acq: 10 Mar 2022 16:58

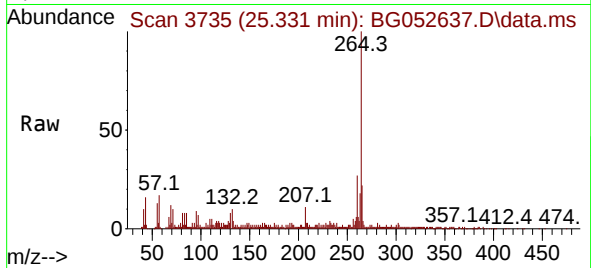
Tgt Ion:228 Resp: 30864
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 24.8 16.3 24.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.331 min Scan# 31
Delta R.T. 0.025 min
Lab File: BG052637.D
Acq: 10 Mar 2022 16:58

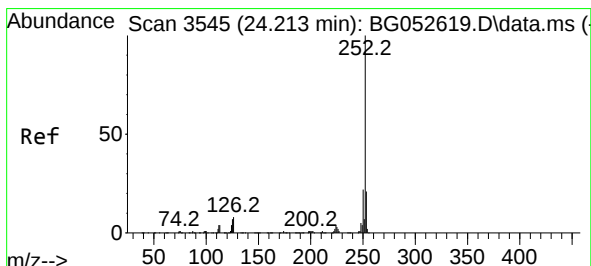
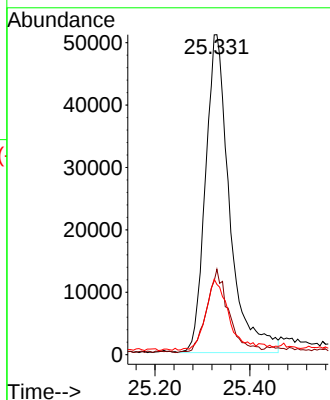
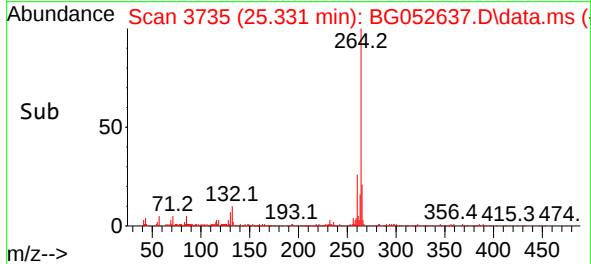
Instrument :
BNA_G
ClientSampleId :
SAMPLE-7



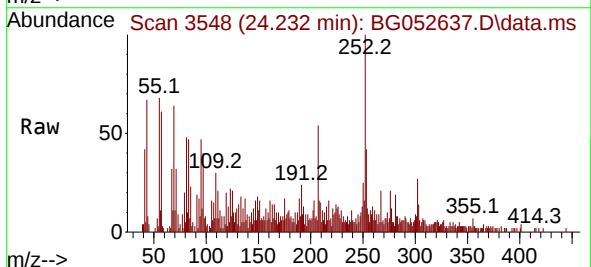
Tgt Ion:264 Resp: 18066
Ion Ratio Lower Upper
264 100
260 26.7 18.2 27.2
265 21.9 15.1 22.7

Manual Integrations
APPROVED

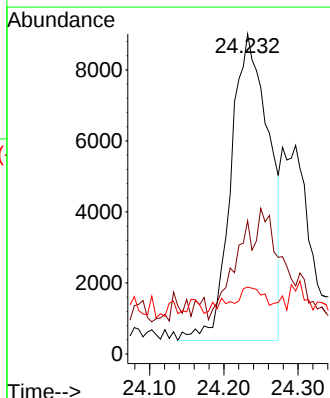
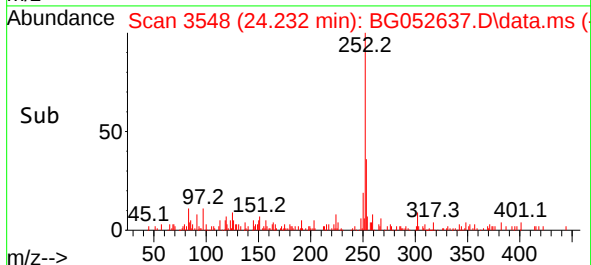
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

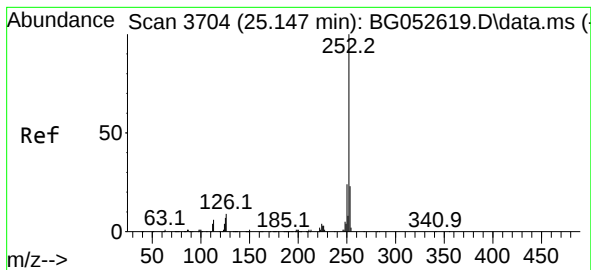


#88
Benzo(b)fluoranthene
Concen: 2.759 ng
RT: 24.232 min Scan# 3548
Delta R.T. 0.019 min
Lab File: BG052637.D
Acq: 10 Mar 2022 16:58



Tgt Ion:252 Resp: 30775
Ion Ratio Lower Upper
252 100
253 41.6 17.2 25.8#
125 20.9 5.2 7.8#





#90

Benzo(a)pyrene

Concen: 2.053 ng

RT: 25.160 min Scan# 31

Delta R.T. 0.013 min

Lab File: BG052637.D

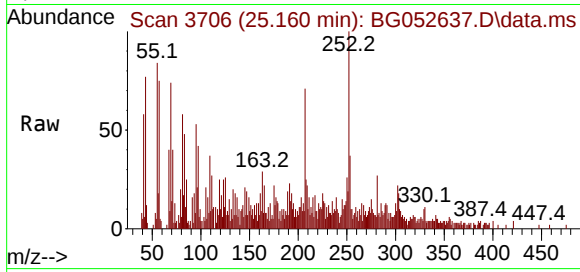
Acq: 10 Mar 2022 16:58

Instrument :

BNA_G

ClientSampleId :

SAMPLE-7



Tgt Ion:252 Resp: 1937

Ion Ratio Lower Upper

252 100

253 37.2 18.4 27.6

125 26.1 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/11/2022

Supervised By :Jagrut Upadhyay 03/11/2022

