

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053200.D
 Acq On : 19 Apr 2022 17:57
 Operator : CG/JU
 Sample : N2463-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-041822

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/20/2022
 Supervised By : Jagrut Upadhyay 04/20/2022

Quant Time: Apr 19 18:29:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	33242	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	145867	20.000	ng	# 0.00
39) Acenaphthene-d10	14.744	164	102217	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	203650	20.000	ng	-0.01
76) Chrysene-d12	21.769	240	193206	20.000	ng	0.00
86) Perylene-d12	25.071	264	201988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	192812	99.427	ng	0.00
7) Phenol-d6	7.277	99	301704	100.888	ng	0.00
23) Nitrobenzene-d5	9.280	82	217035	60.414	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	135931	83.586	ng	-0.01
45) 2-Fluorobiphenyl	13.363	172	490082	66.112	ng	0.00
79) Terphenyl-d14	20.089	244	648611	56.698	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.528	178	37951	3.412	ng	95
75) Fluoranthene	19.531	202	74768	5.244	ng	99
78) Pyrene	19.895	202	68352	4.967	ng	97
81) Benzo(a)anthracene	21.746	228	37492	2.838	ng	98
83) Chrysene	21.816	228	42329m	3.453	ng	
88) Benzo(b)fluoranthene	24.025	252	53250	4.178	ng	# 84
90) Benzo(a)pyrene	24.918	252	36529	3.365	ng	# 95

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

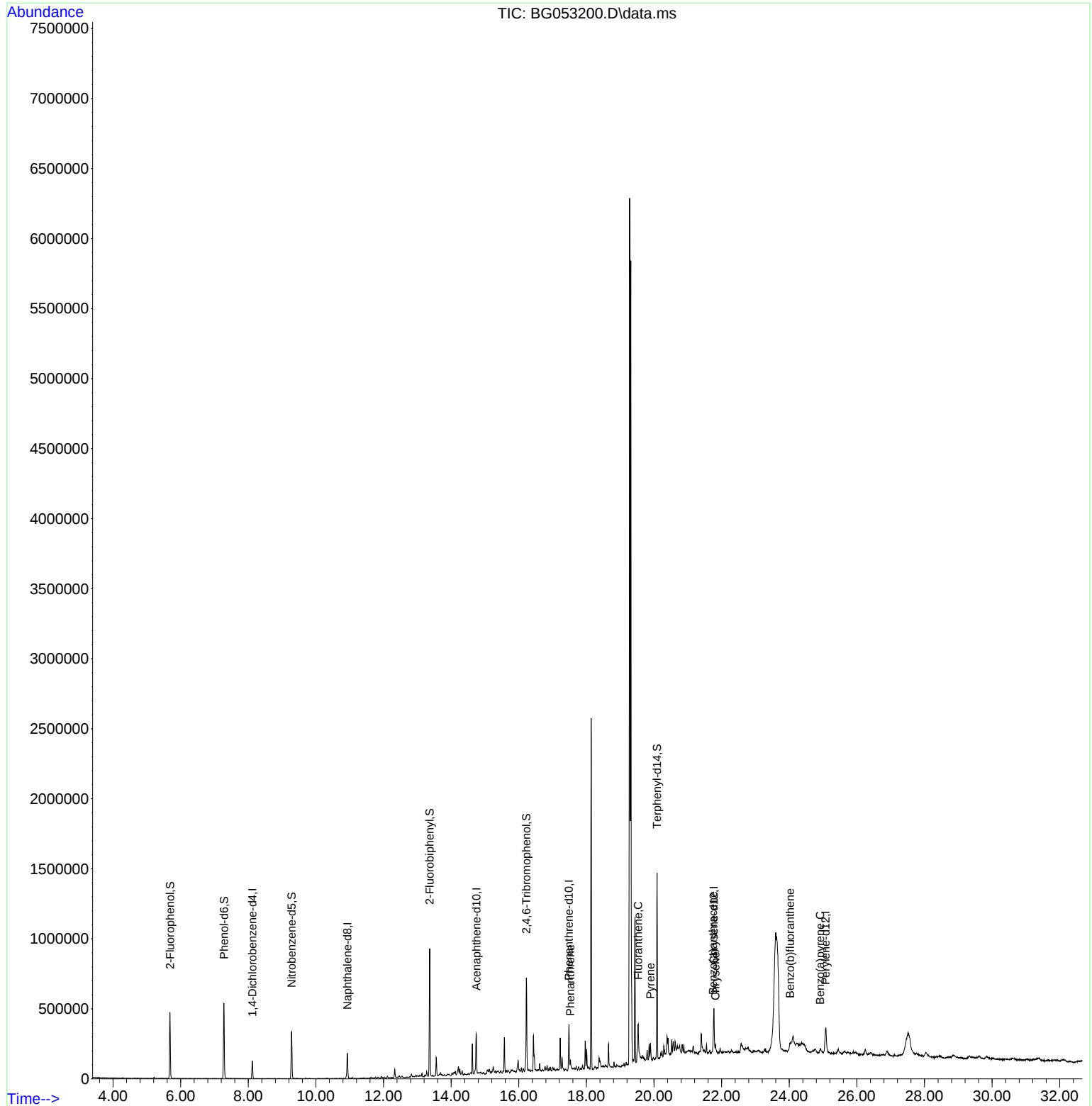
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053200.D
Acq On : 19 Apr 2022 17:57
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Sample : N2463-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

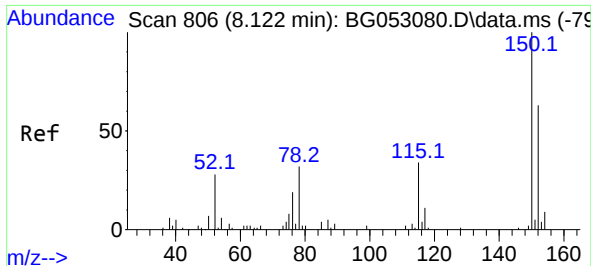
Instrument :
BNA_G
ClientSampleId :
HD-01-041822

Quant Time: Apr 19 18:29:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57

Instrument :

BNA_G

ClientSampleId :

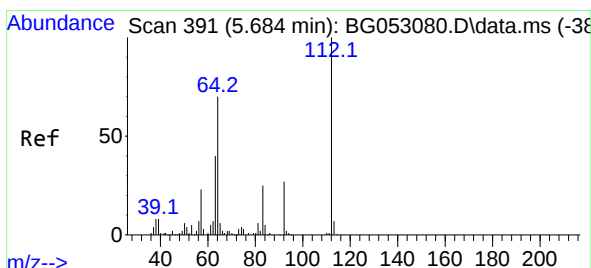
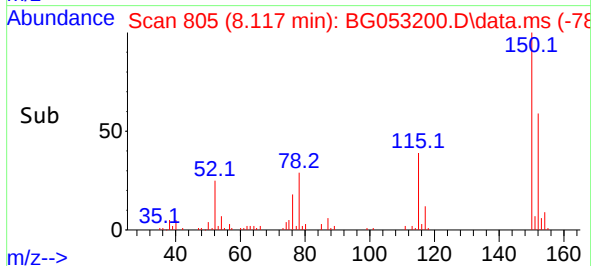
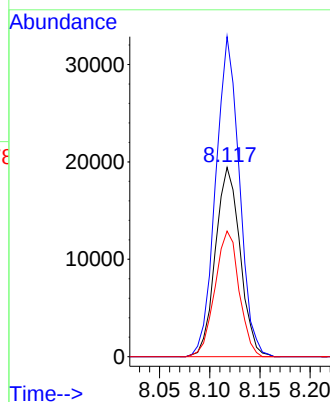
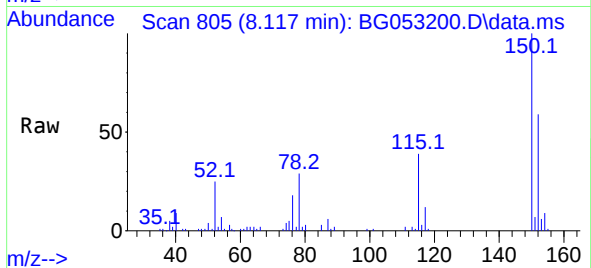
HD-01-041822

Tgt Ion:152 Resp: 3324
Ion Ratio Lower Upper
152 100
150 169.0 114.6 172.0
115 66.4 45.9 68.9

Manual Integrations

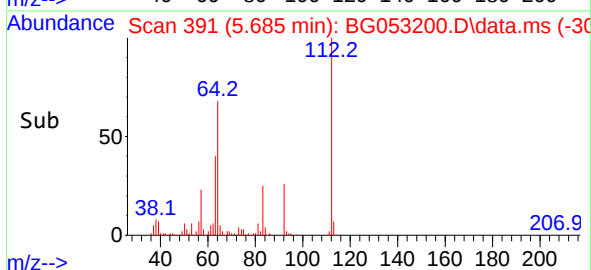
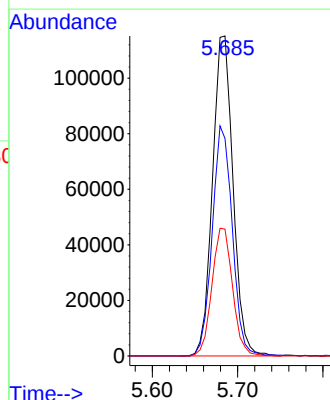
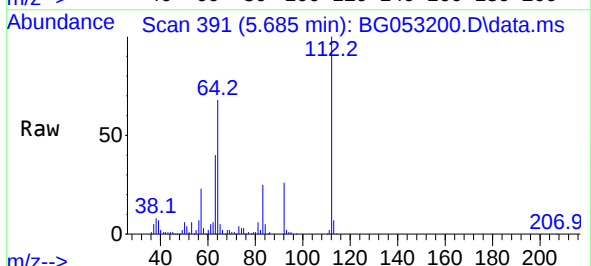
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Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022



#5
2-Fluorophenol
Concen: 99.427 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57

Tgt Ion:112 Resp: 192812
Ion Ratio Lower Upper
112 100
64 67.9 48.0 72.0
63 39.7 26.5 39.7





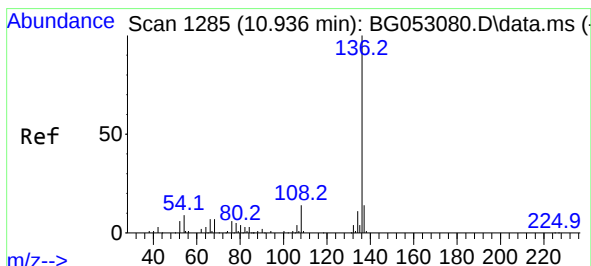
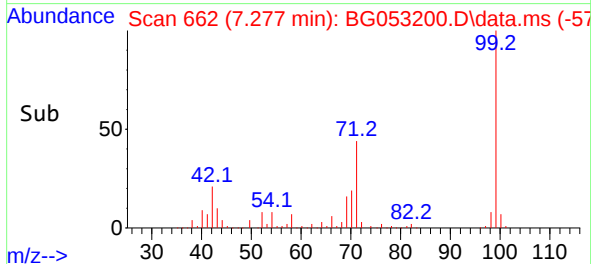
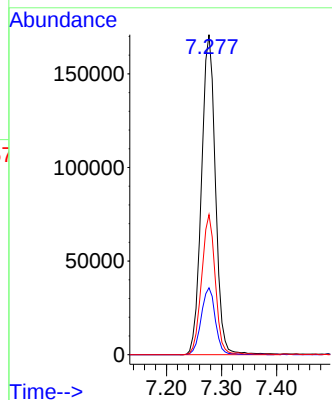
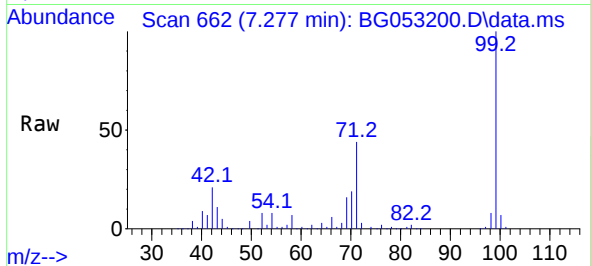
#7
Phenol-d6
Concen: 100.888 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57

Instrument :
BNA_G
ClientSampleId :
HD-01-041822

Tgt Ion: 99 Resp: 301704
Ion Ratio Lower Upper
99 100
42 20.9 14.7 22.1
71 43.8 29.2 43.8

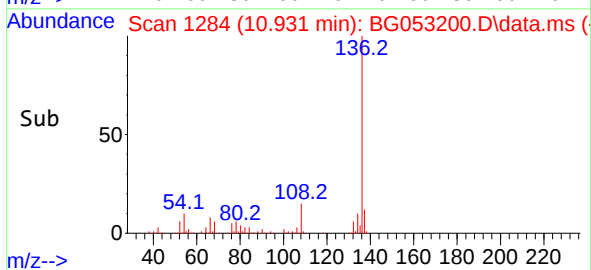
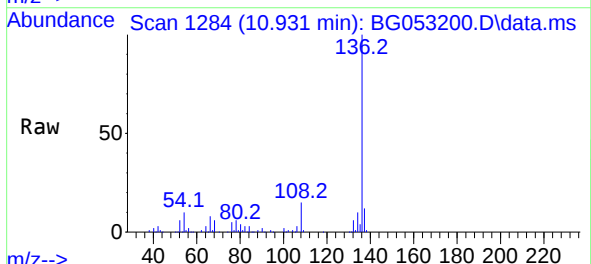
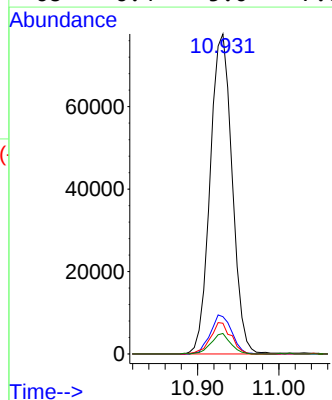
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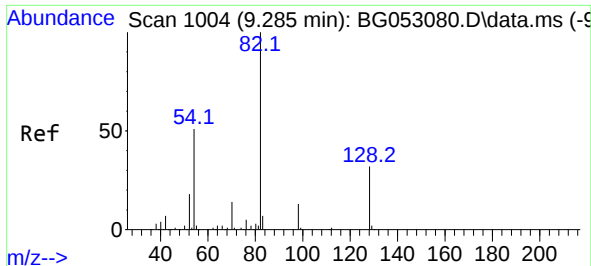
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57

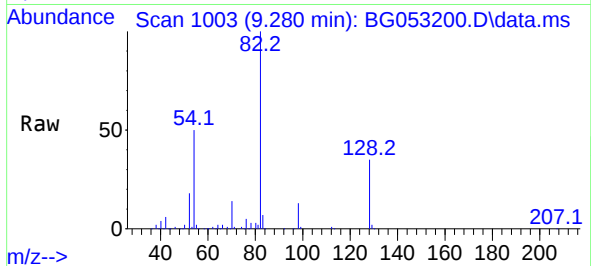
Tgt Ion:136 Resp: 145867
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 9.6 6.4 9.6#
68 6.4 5.0 7.6





#23
Nitrobenzene-d5
Concen: 60.414 ng
RT: 9.280 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57

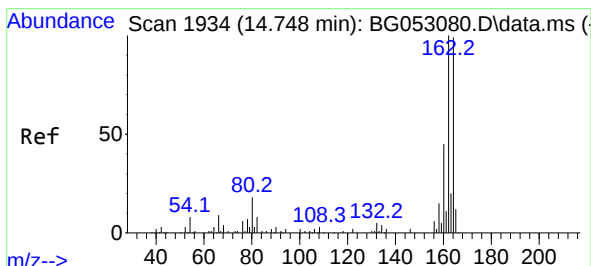
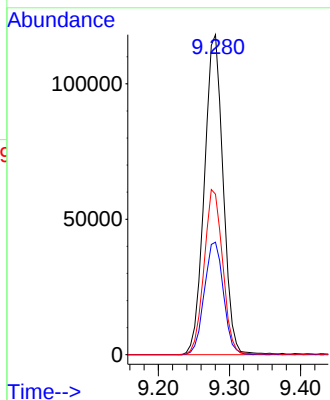
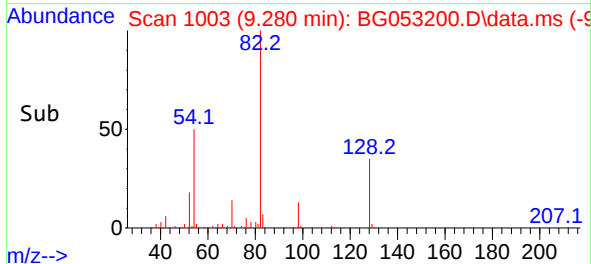
Instrument :
BNA_G
ClientSampleId :
HD-01-041822



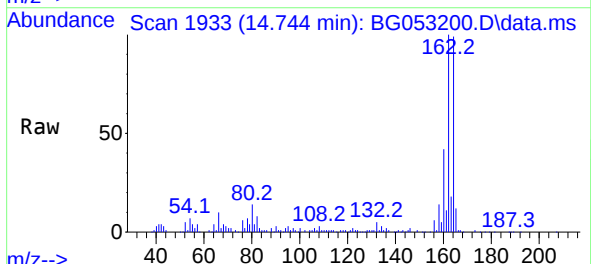
Tgt Ion: 82 Resp: 217035
Ion Ratio Lower Upper
82 100
128 35.2 31.3 46.9
54 50.1 37.8 56.8

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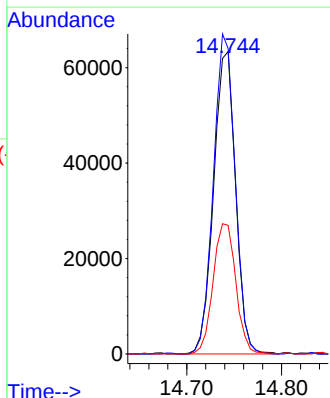
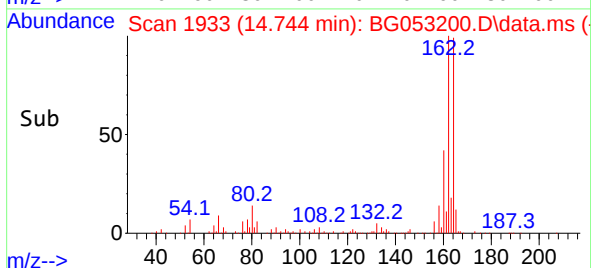
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022

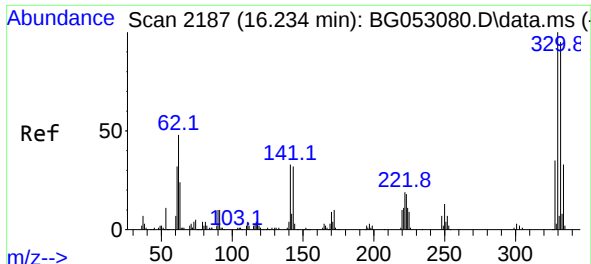


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.744 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57



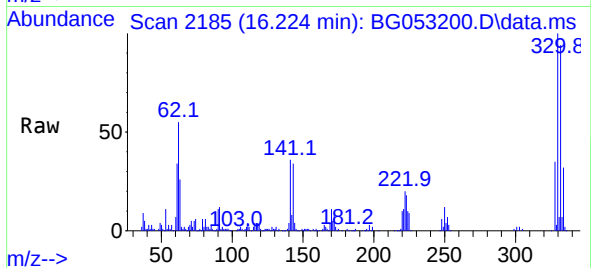
Tgt Ion:164 Resp: 102217
Ion Ratio Lower Upper
164 100
162 101.0 80.0 120.0
160 42.5 38.8 58.2





#42
2,4,6-Tribromophenol
Concen: 83.586 ng
RT: 16.224 min Scan# 2187
Delta R.T. -0.011 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57

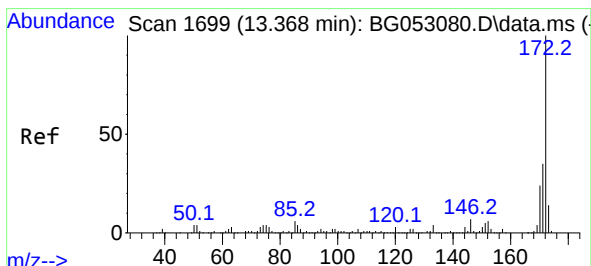
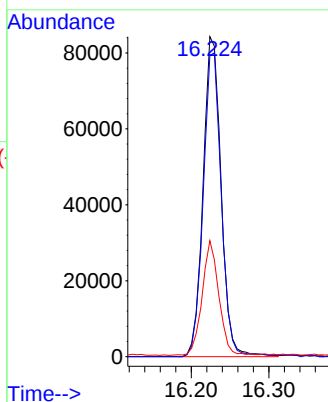
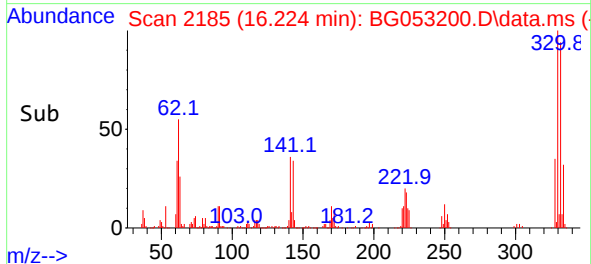
Instrument :
BNA_G
ClientSampleId :
HD-01-041822



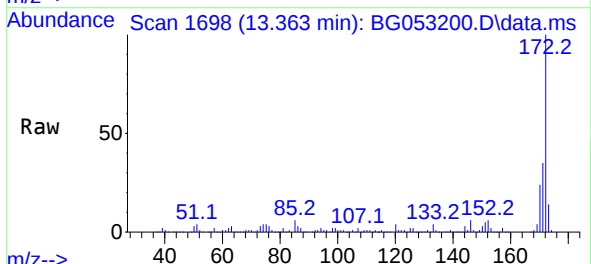
Tgt Ion:330 Resp: 13593
Ion Ratio Lower Upper
330 100
332 95.0 75.8 113.6
141 33.4 24.6 36.8

Manual Integrations
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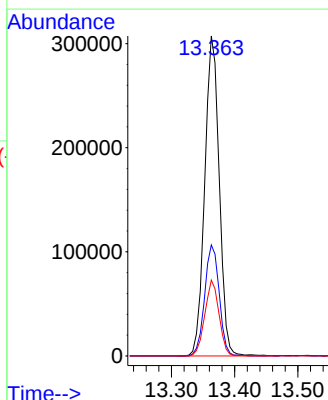
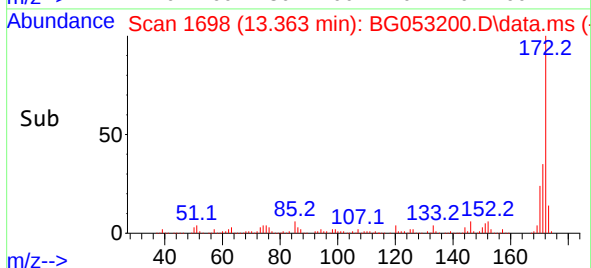
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022

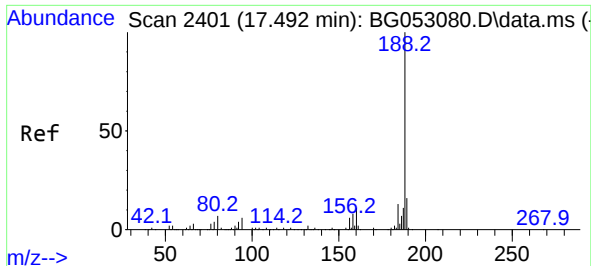


#45
2-Fluorobiphenyl
Concen: 66.112 ng
RT: 13.363 min Scan# 1698
Delta R.T. -0.005 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57



Tgt Ion:172 Resp: 490082
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.7 18.0 27.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57

Instrument :

BNA_G

ClientSampleId :

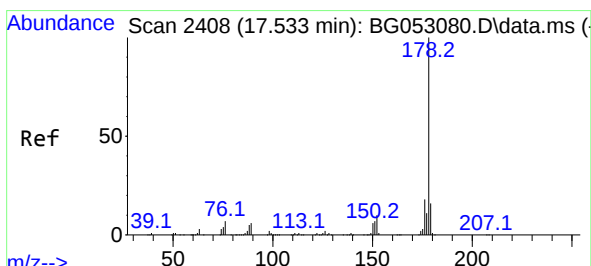
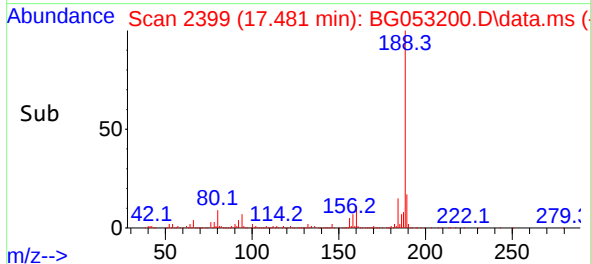
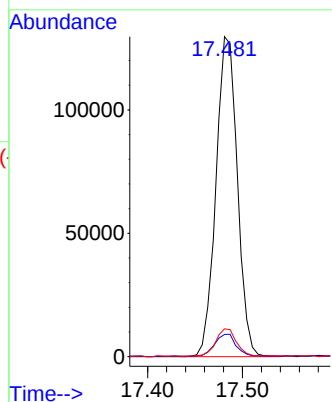
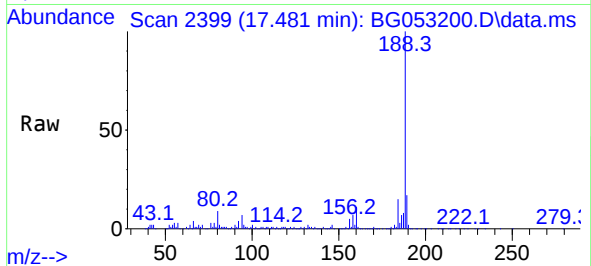
HD-01-041822

Tgt Ion:188 Resp: 203650
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 8.7 7.2 10.8

Manual Integrations

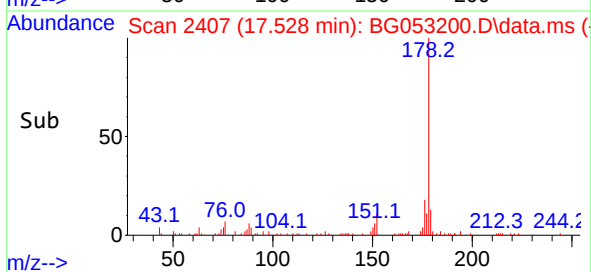
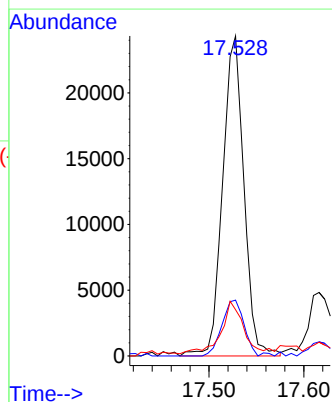
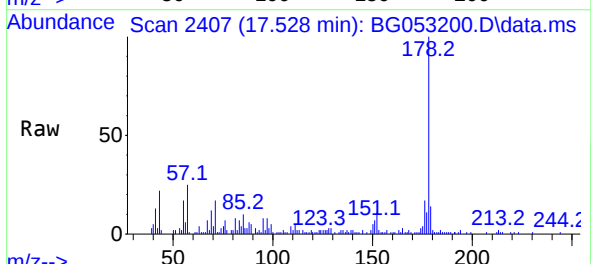
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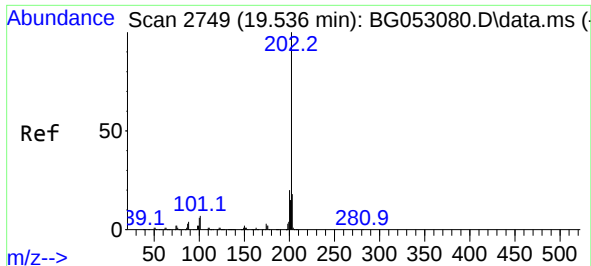
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022



#71
Phenanthrene
Concen: 3.412 ng
RT: 17.528 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57

Tgt Ion:178 Resp: 37951
Ion Ratio Lower Upper
178 100
176 17.5 15.9 23.9
179 14.5 13.4 20.2





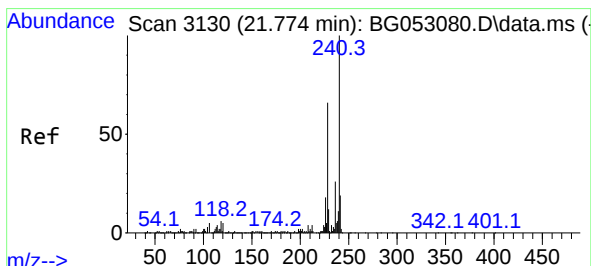
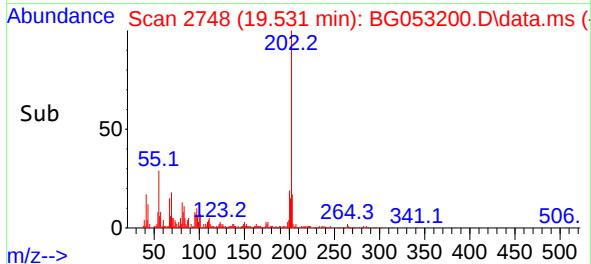
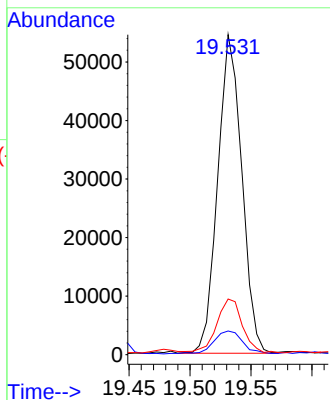
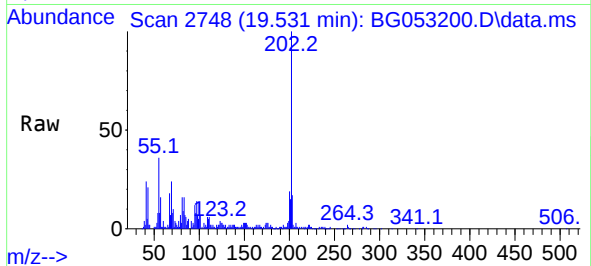
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Fluoranthene
Concen: 5.244 ng
RT: 19.531 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57

Instrument :
BNA_G
ClientSampleId :
HD-01-041822

Tgt Ion:202 Resp: 7476
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.3
203 17.4 0.0 37.7

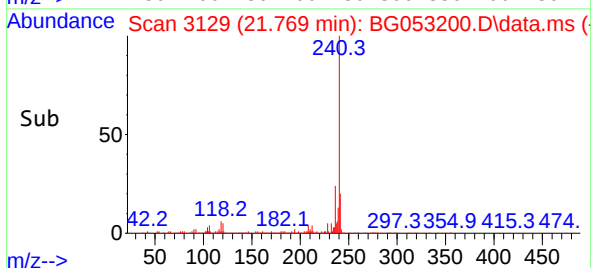
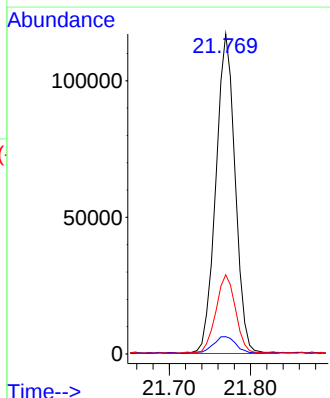
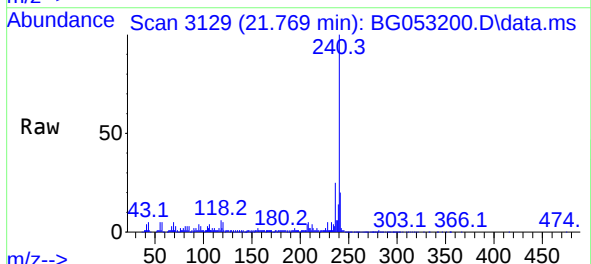
Manual Integrations
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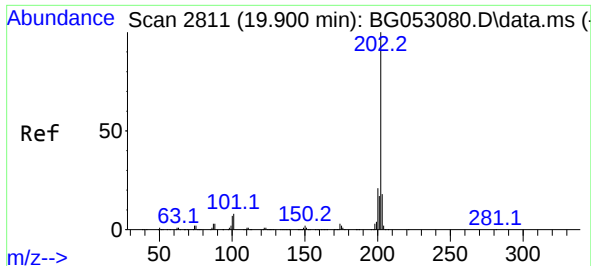
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57

Tgt Ion:240 Resp: 193206
Ion Ratio Lower Upper
240 100
120 5.4 5.4 8.0
236 24.8 19.8 29.6





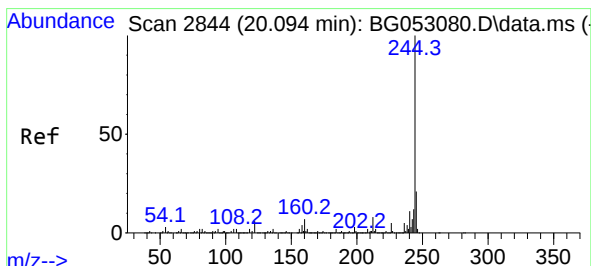
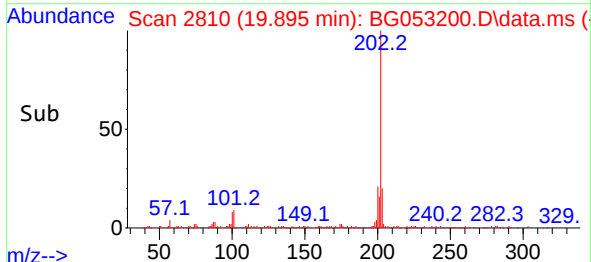
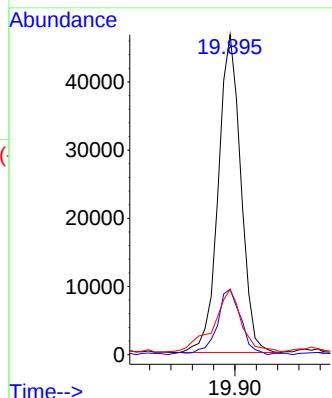
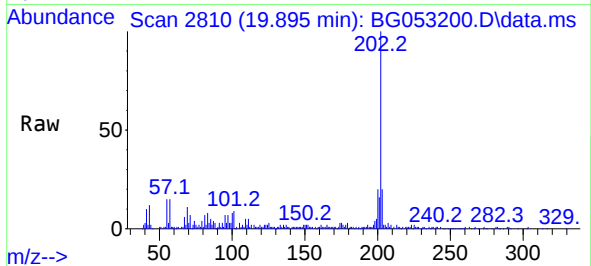
#78
Pyrene
Concen: 4.967 ng
RT: 19.895 min Scan# 2810
Delta R.T. -0.005 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57

Instrument :
BNA_G
ClientSampleId :
HD-01-041822

Tgt Ion:202 Resp: 68352
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.6
203 20.4 15.0 22.6

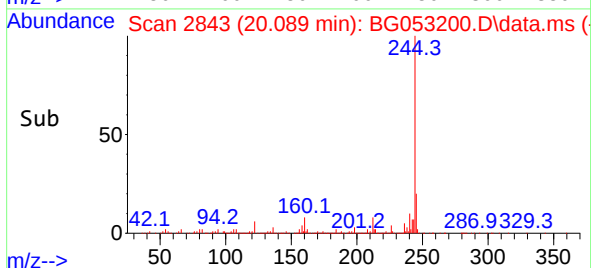
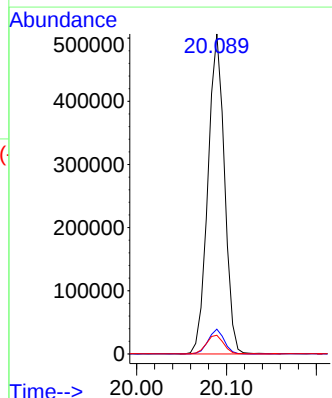
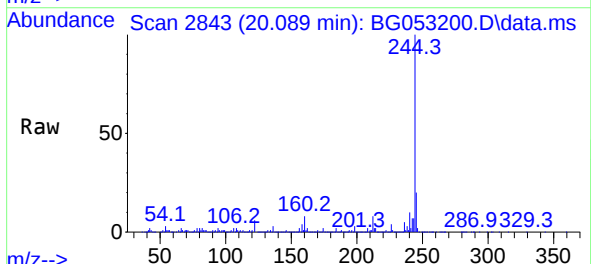
Manual Integrations
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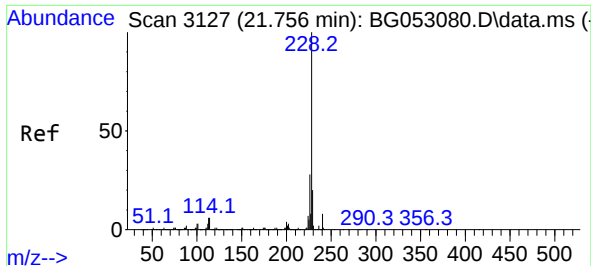
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022



#79
Terphenyl-d14
Concen: 56.698 ng
RT: 20.089 min Scan# 2843
Delta R.T. -0.005 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57

Tgt Ion:244 Resp: 648611
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 5.9 5.8 8.6





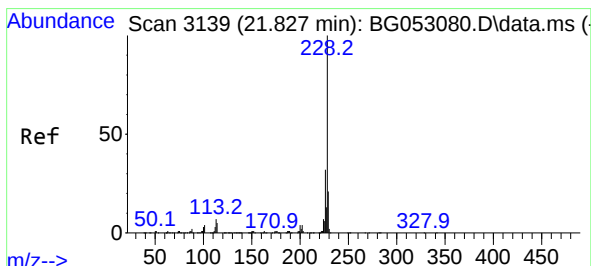
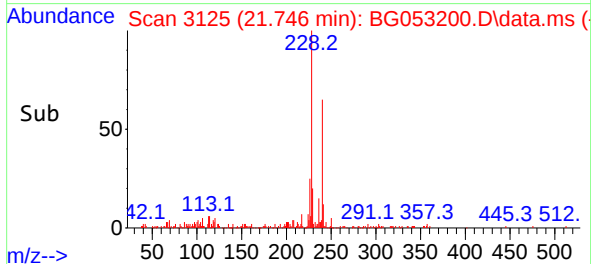
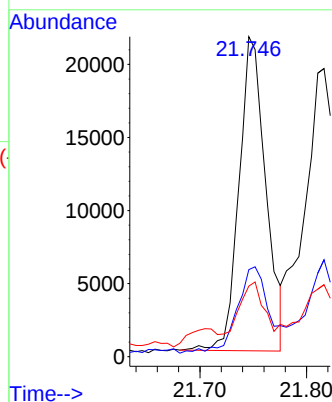
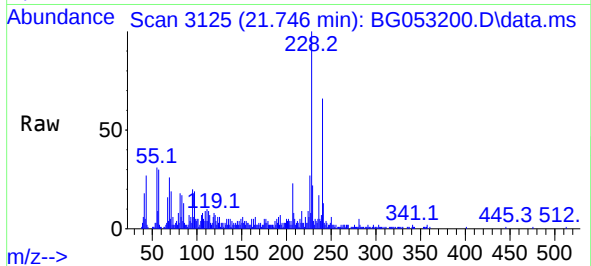
#81
Benzo(a)anthracene
Concen: 2.838 ng
RT: 21.746 min Scan# 3127
Delta R.T. -0.011 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57

Instrument :
BNA_G
ClientSampleId :
HD-01-041822

Tgt Ion:228 Resp: 37492
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 22.0 16.7 25.1

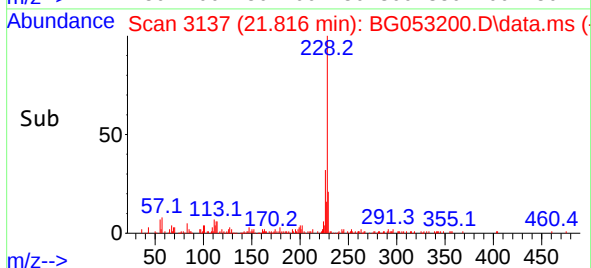
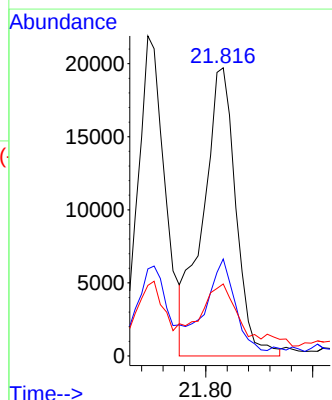
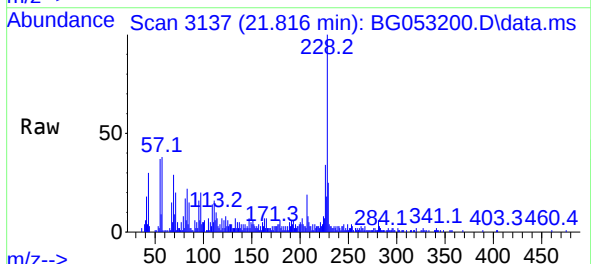
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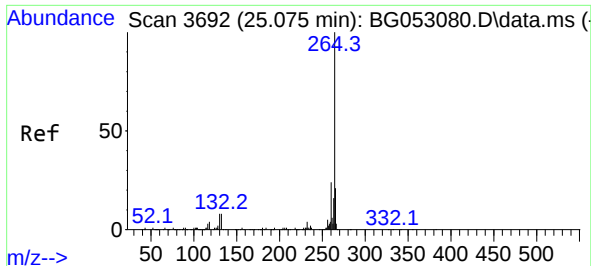
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022



#83
Chrysene
Concen: 3.453 ng m
RT: 21.816 min Scan# 3137
Delta R.T. -0.011 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57

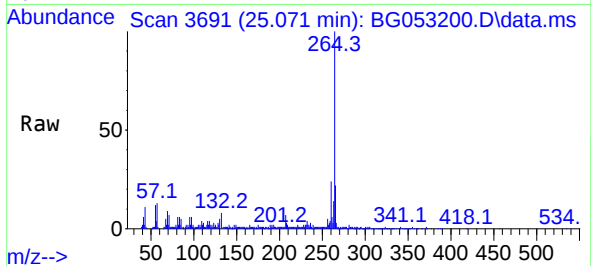
Tgt Ion:228 Resp: 42329
Ion Ratio Lower Upper
228 100
226 33.6 24.2 36.4
229 25.0 16.3 24.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.071 min Scan# 301
Delta R.T. -0.005 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57

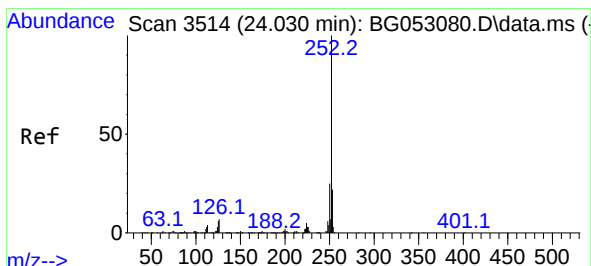
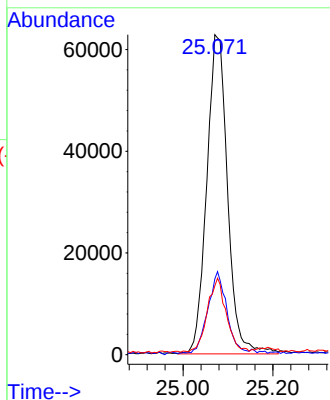
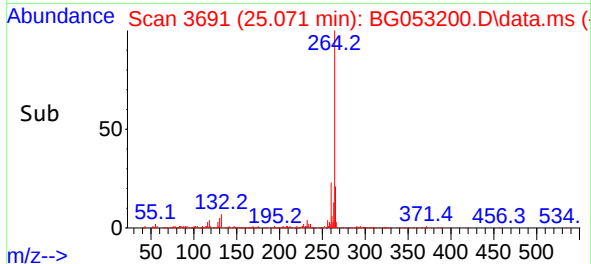
Instrument :
BNA_G
ClientSampleId :
HD-01-041822



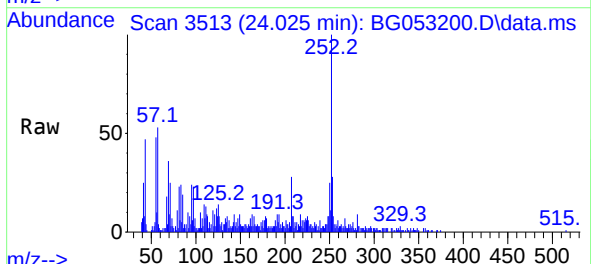
Tgt Ion:264 Resp: 20198
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.2
265 21.5 15.1 22.7

Manual Integrations
APPROVED

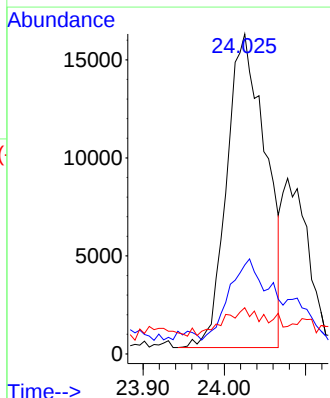
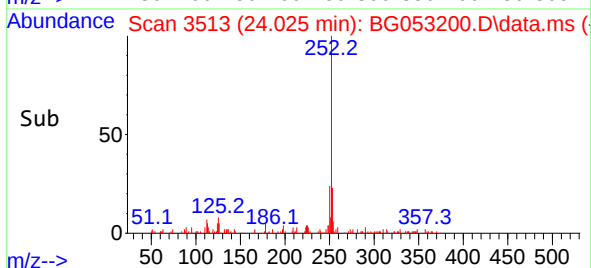
Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022

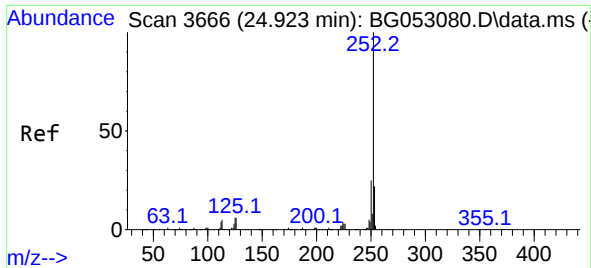


#88
Benzo(b)fluoranthene
Concen: 4.178 ng
RT: 24.025 min Scan# 3513
Delta R.T. -0.005 min
Lab File: BG053200.D
Acq: 19 Apr 2022 17:57



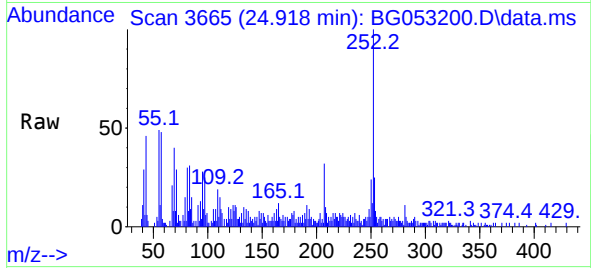
Tgt Ion:252 Resp: 53250
Ion Ratio Lower Upper
252 100
253 27.8 17.2 25.8#
125 14.5 5.2 7.8#





#90
 Benzo(a)pyrene
 Concen: 3.365 ng
 RT: 24.918 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BG053200.D
 Acq: 19 Apr 2022 17:57

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-041822



Tgt Ion:252 Resp: 36529

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	10.7	5.6	8.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/20/2022
 Supervised By :Jagrut Upadhyay 04/20/2022

