

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
 Data File : BG054287.D
 Acq On : 14 Jul 2022 19:45
 Operator : CG/JU
 Sample : N3711-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC124019

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/15/2022
 Supervised By : Jagrut Upadhyay 07/15/2022

Quant Time: Jul 15 01:58:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 15:49:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	16899	20.000	ng	0.00
21) Naphthalene-d8	10.845	136	66197	20.000	ng	# 0.00
39) Acenaphthene-d10	14.664	164	55269	20.000	ng	0.00
64) Phenanthrene-d10	17.407	188	151618	20.000	ng	#-0.01
76) Chrysene-d12	21.679	240	190718	20.000	ng	#-0.01
86) Perylene-d12	24.910	264	199902	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	92359	109.804	ng	0.00
7) Phenol-d6	7.208	99	124899	107.660	ng	0.00
23) Nitrobenzene-d5	9.199	82	81720	66.992	ng	0.00
42) 2,4,6-Tribromophenol	16.156	330	131247	122.590	ng	0.00
45) 2-Fluorobiphenyl	13.289	172	266445	70.835	ng	0.00
79) Terphenyl-d14	20.016	244	649964	70.081	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.464	202	38931	3.774	ng	95
78) Pyrene	19.822	202	42183	3.843	ng	98
81) Benzo(a)anthracene	21.661	228	26613	2.206	ng	99
83) Chrysene	21.726	228	28840m	2.528	ng	
88) Benzo(b)fluoranthene	23.882	252	44590	3.762	ng	# 95
90) Benzo(a)pyrene	24.758	252	25994m	2.563	ng	

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

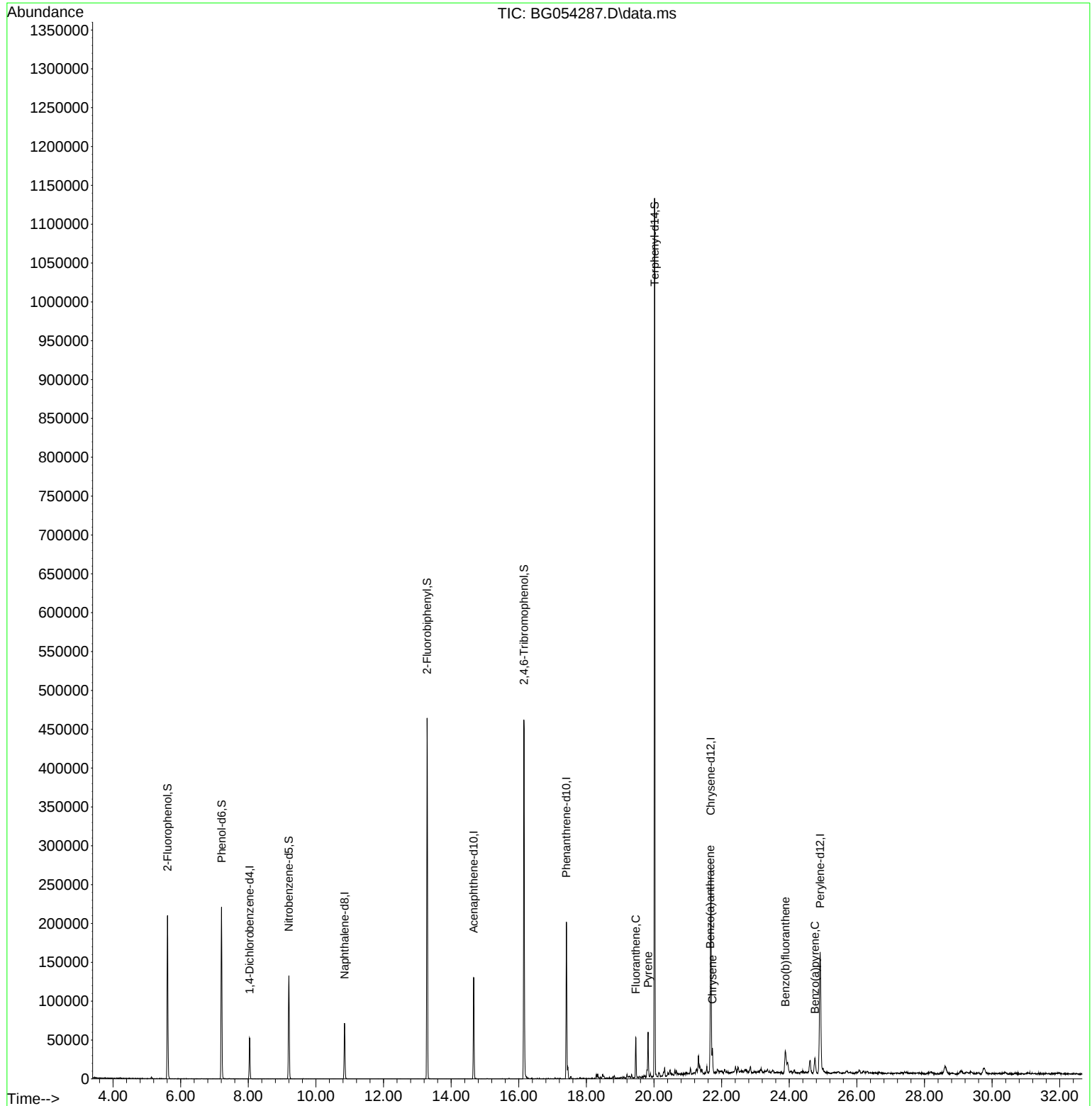
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
Data File : BG054287.D
Acq On : 14 Jul 2022 19:45
Operator : CG/JU
Sample : N3711-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

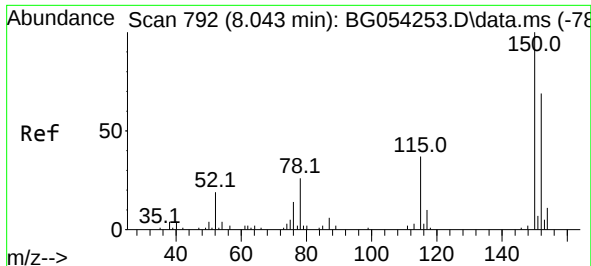
Instrument :
BNA_G
ClientSampleId :
PSC124019

Quant Time: Jul 15 01:58:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 15:49:20 2022
Response via : Initial Calibration

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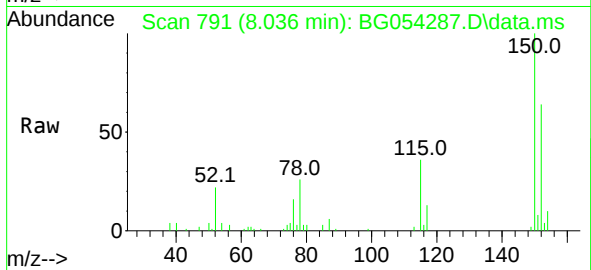
Reviewed By : Christian Giraldo 07/15/2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.036 min Scan# 792
Delta R.T. -0.007 min
Lab File: BG054287.D
Acq: 14 Jul 2022 19:45

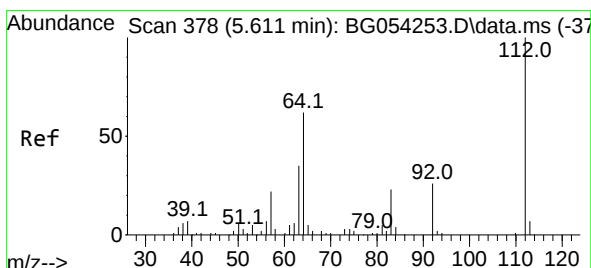
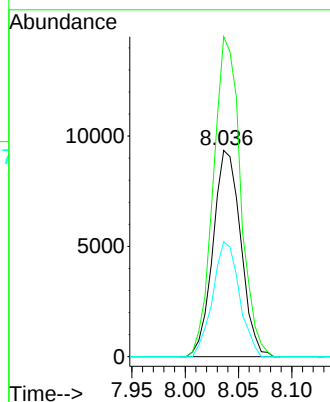
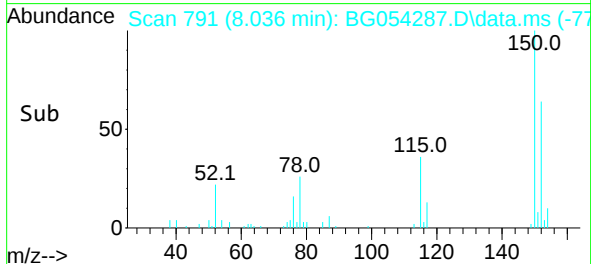
Instrument :
BNA_G
ClientSampleId :
PSC124019



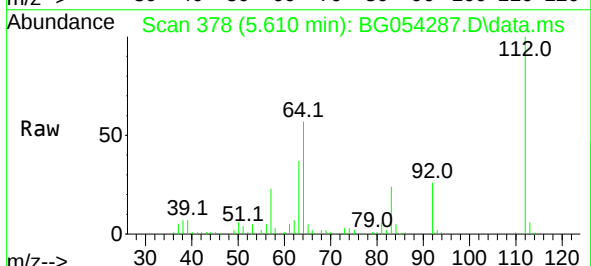
Tgt Ion:152 Resp: 1689
Ion Ratio Lower Upper
152 100
150 155.1 131.6 197.4
115 55.7 50.9 76.3

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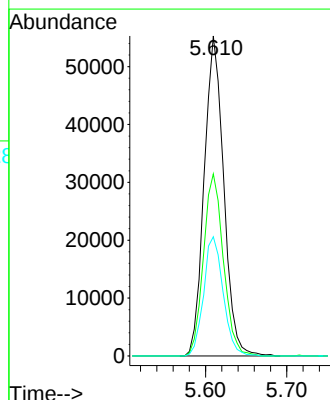
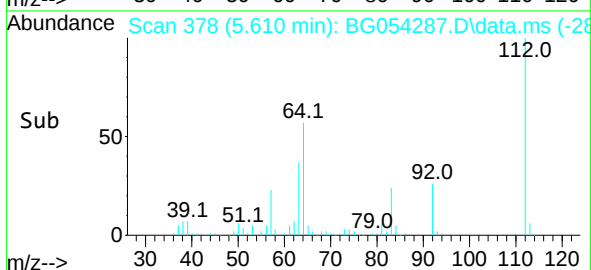
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

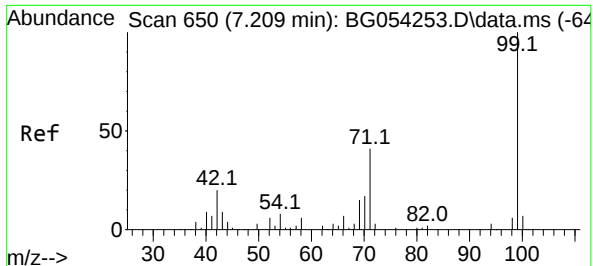


#5
2-Fluorophenol
Concen: 109.804 ng
RT: 5.610 min Scan# 378
Delta R.T. -0.001 min
Lab File: BG054287.D
Acq: 14 Jul 2022 19:45



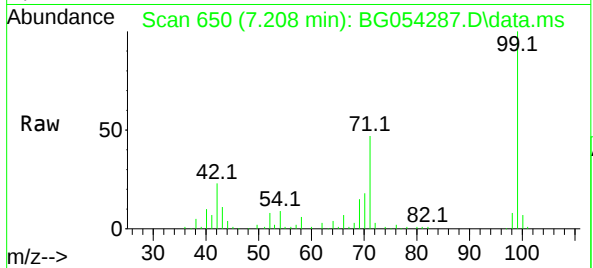
Tgt Ion:112 Resp: 92359
Ion Ratio Lower Upper
112 100
64 56.9 55.1 82.7
63 37.2 30.4 45.6





#7
Phenol-d6
Concen: 107.660 ng
RT: 7.208 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054287.D
Acq: 14 Jul 2022 19:45

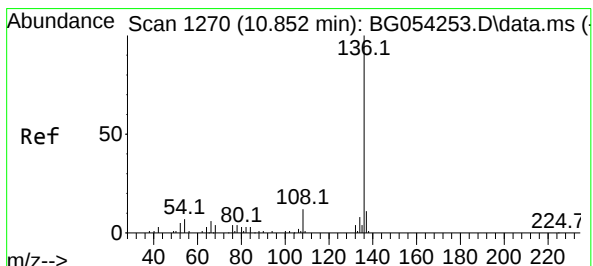
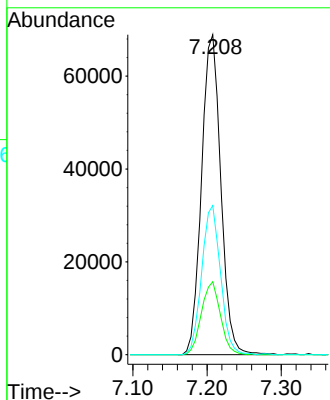
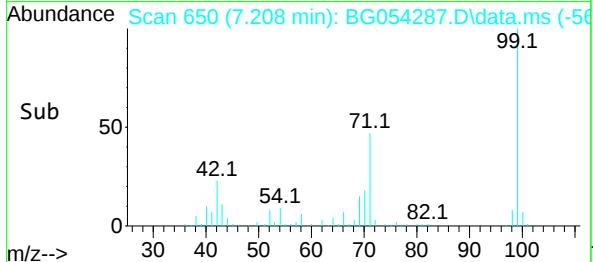
Instrument :
BNA_G
ClientSampleId :
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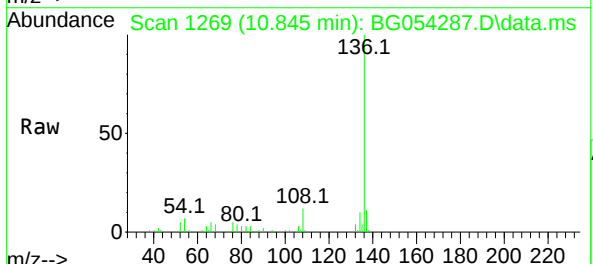
Tgt Ion: 99 Resp: 12489
Ion Ratio Lower Upper
99 100
42 22.8 17.0 25.6
71 46.6 33.8 50.8

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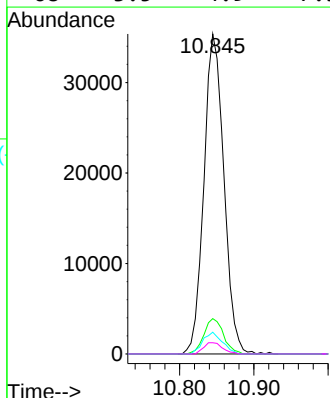
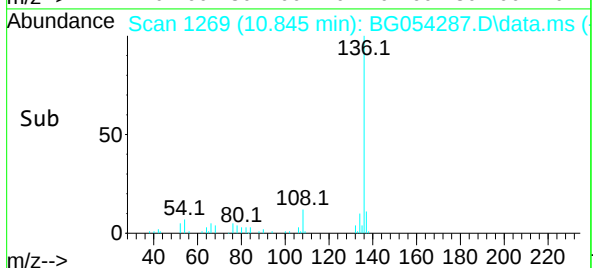
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

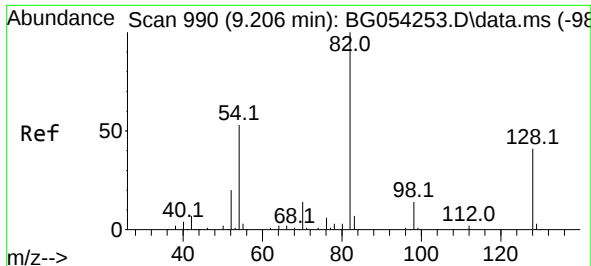


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.845 min Scan# 1269
Delta R.T. -0.007 min
Lab File: BG054287.D
Acq: 14 Jul 2022 19:45



Tgt Ion:136 Resp: 66197
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 6.8 7.4 11.2#
68 3.5 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 66.992 ng

RT: 9.199 min Scan# 91

Delta R.T. -0.007 min

Lab File: BG054287.D

Acq: 14 Jul 2022 19:45

Instrument :

BNA_G

ClientSampleId :

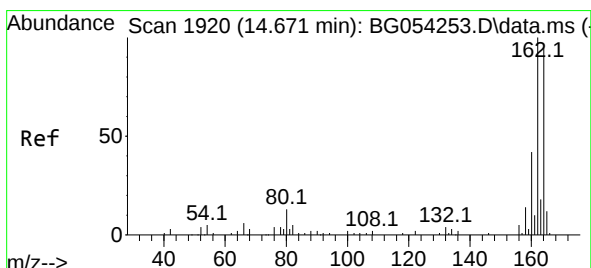
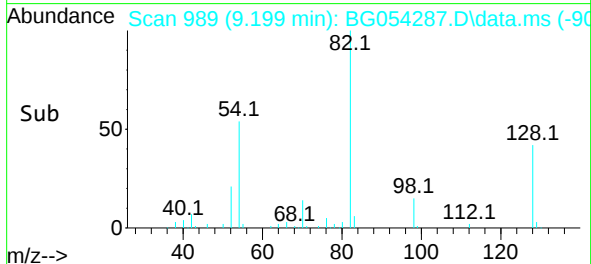
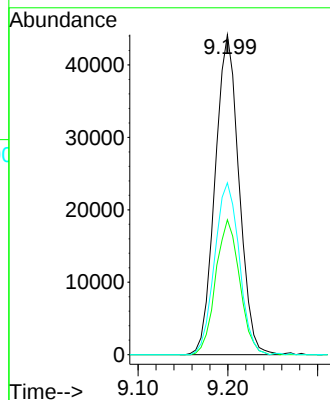
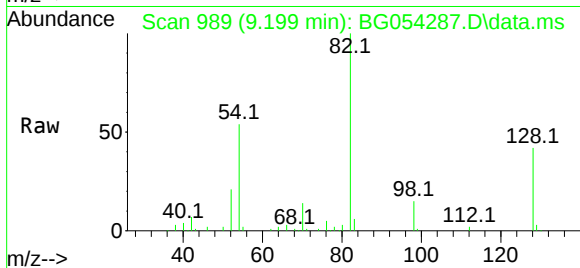
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Tgt Ion: 82 Resp: 81720
 Ion Ratio Lower Upper
 82 100
 128 42.2 27.9 41.9
 54 53.7 41.2 61.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

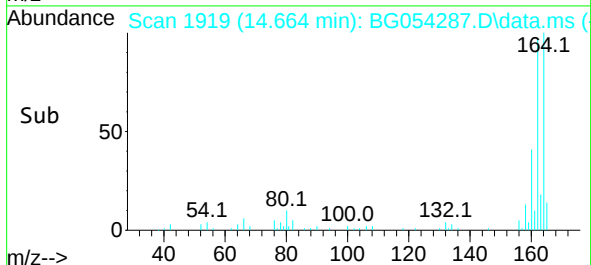
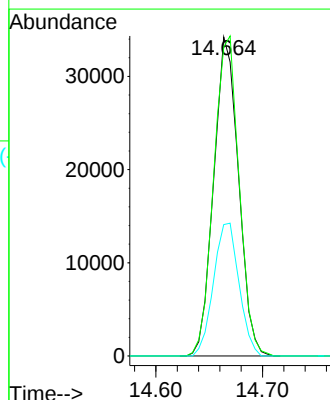
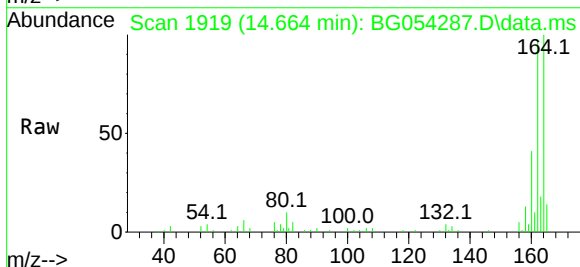
RT: 14.664 min Scan# 1919

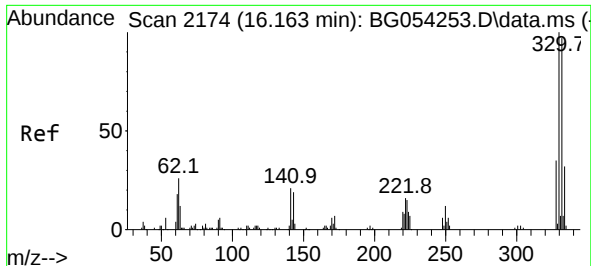
Delta R.T. -0.007 min

Lab File: BG054287.D

Acq: 14 Jul 2022 19:45

Tgt Ion:164 Resp: 55269
 Ion Ratio Lower Upper
 164 100
 162 96.8 82.3 123.5
 160 41.2 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 122.590 ng
RT: 16.156 min Scan# 2173
Delta R.T. -0.007 min
Lab File: BG054287.D
Acq: 14 Jul 2022 19:45

Instrument :

BNA_G

ClientSampleId :

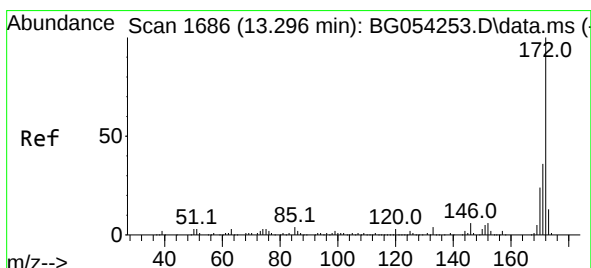
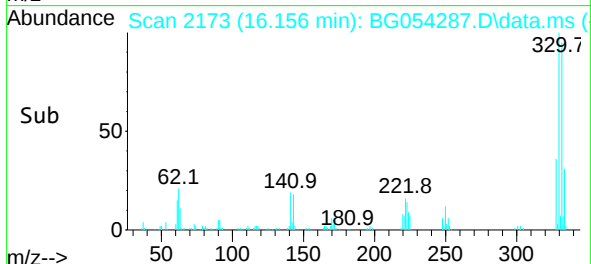
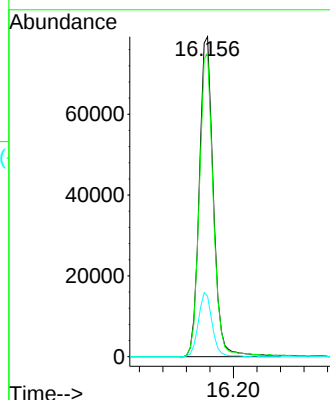
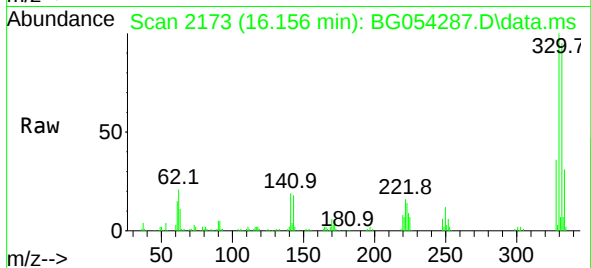
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Tgt Ion:330 Resp: 131245
Ion Ratio Lower Upper
330 100
332 94.5 76.0 114.0
141 19.6 27.1 40.7

Manual Integrations

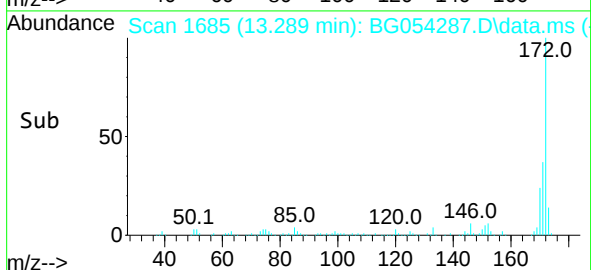
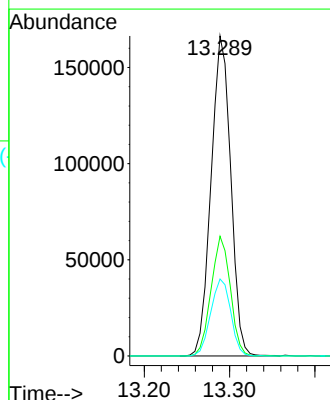
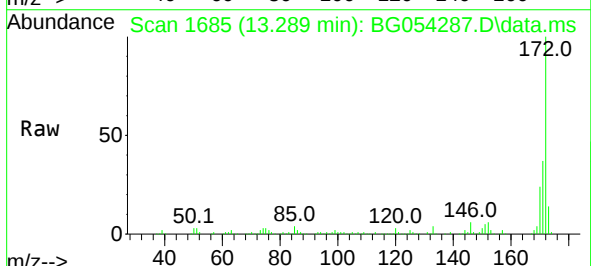
APPROVED

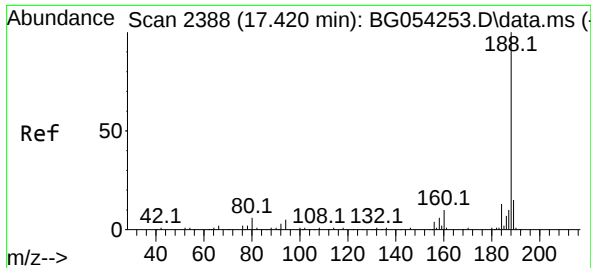
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#45
2-Fluorobiphenyl
Concen: 70.835 ng
RT: 13.289 min Scan# 1685
Delta R.T. -0.007 min
Lab File: BG054287.D
Acq: 14 Jul 2022 19:45

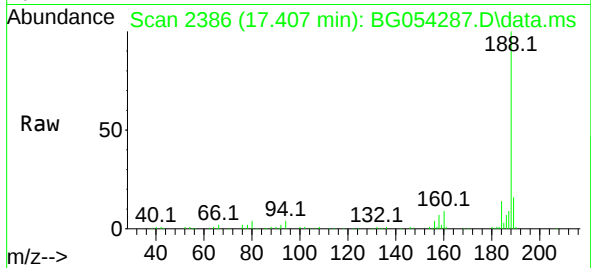
Tgt Ion:172 Resp: 266445
Ion Ratio Lower Upper
172 100
171 37.4 28.5 42.7
170 24.0 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.407 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG054287.D
Acq: 14 Jul 2022 19:45

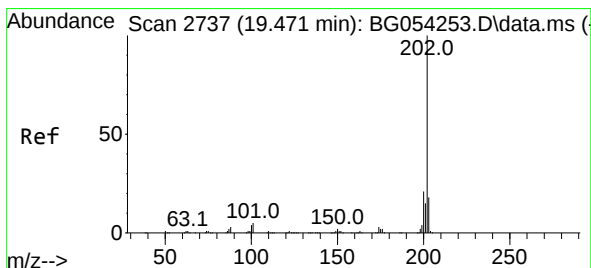
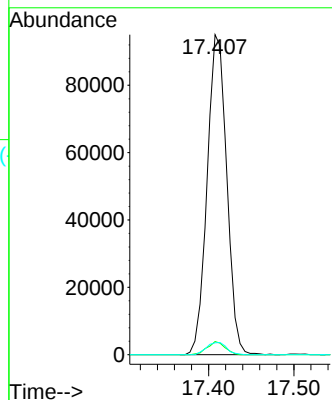
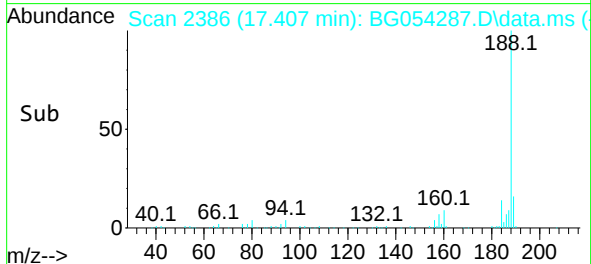
Instrument :
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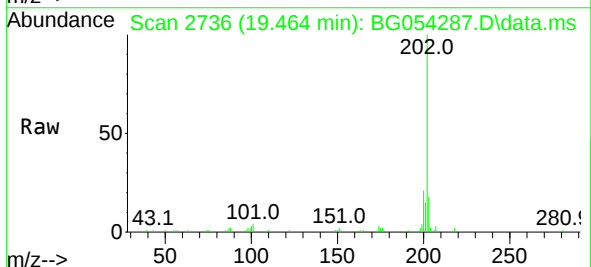
Tgt Ion:188 Resp: 151618
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0
80 3.7 6.8 10.2

Manual Integrations
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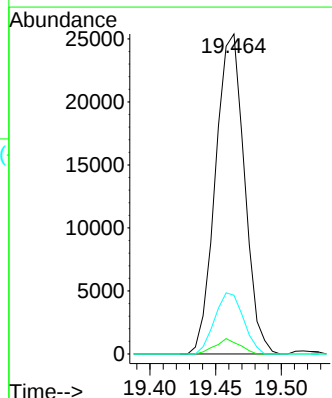
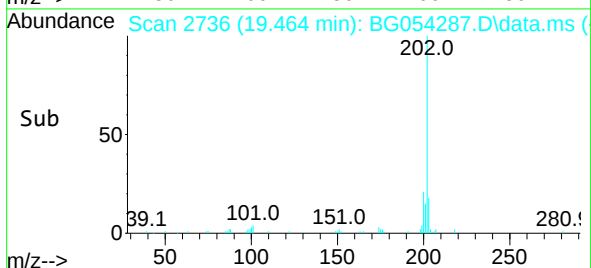
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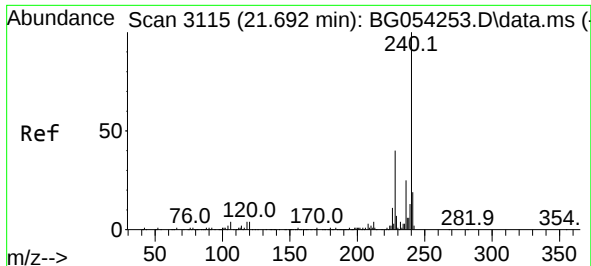


#75
Fluoranthene
Concen: 3.774 ng
RT: 19.464 min Scan# 2736
Delta R.T. -0.007 min
Lab File: BG054287.D
Acq: 14 Jul 2022 19:45



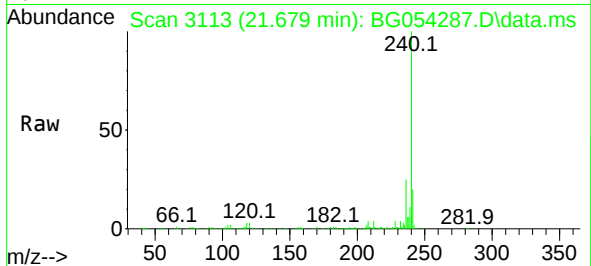
Tgt Ion:202 Resp: 38931
Ion Ratio Lower Upper
202 100
101 3.6 0.0 26.9
203 18.4 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.679 min Scan# 3113
Delta R.T. -0.013 min
Lab File: BG054287.D
Acq: 14 Jul 2022 19:45

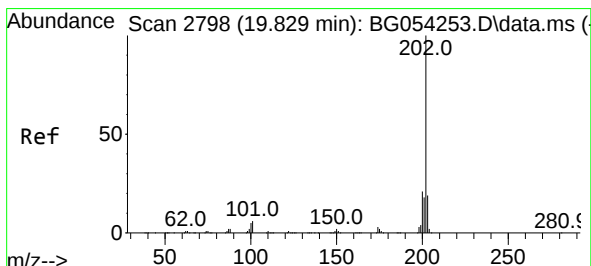
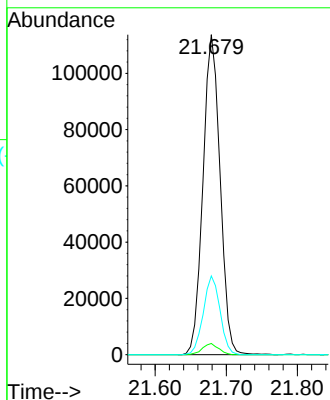
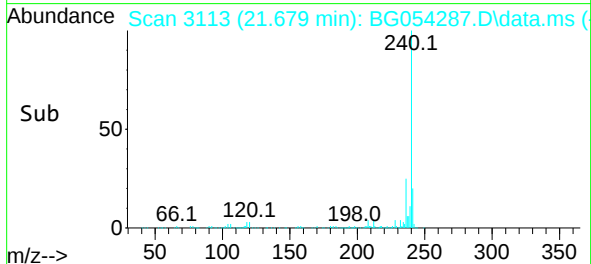
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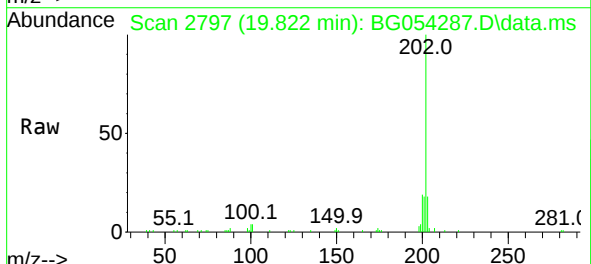
Tgt Ion:240 Resp: 190718
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0
236 24.6 20.2 30.4

Manual Integrations
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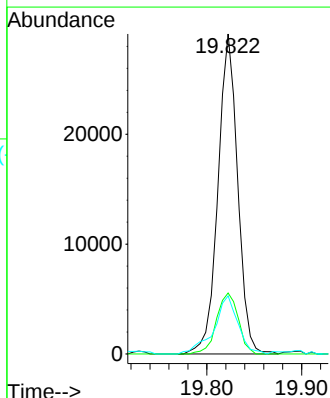
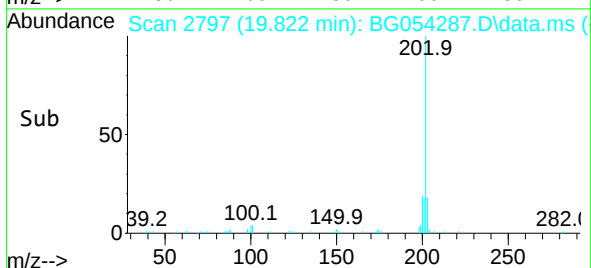
Reviewed By :Christian Giraldo 07/15/2022
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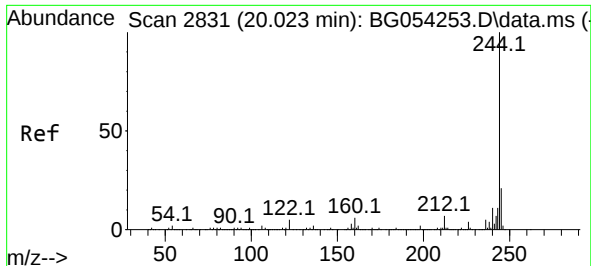


#78
Pyrene
Concen: 3.843 ng
RT: 19.822 min Scan# 2797
Delta R.T. -0.007 min
Lab File: BG054287.D
Acq: 14 Jul 2022 19:45



Tgt Ion:202 Resp: 42183
Ion Ratio Lower Upper
202 100
200 19.0 16.6 24.8
203 18.1 14.6 21.8





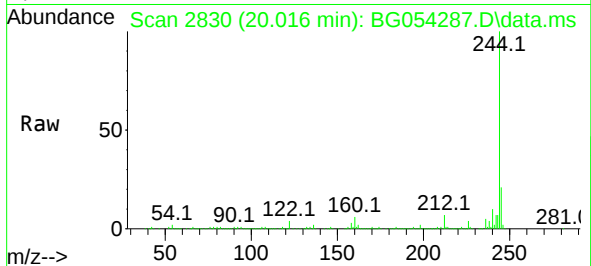
#79
 Terphenyl-d14
 Concen: 70.081 ng
 RT: 20.016 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45

Instrument :

BNA_G

ClientSampleId :

PSC124019

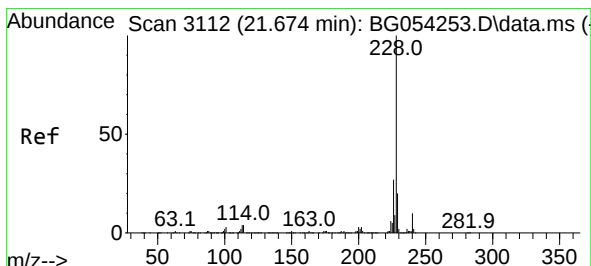
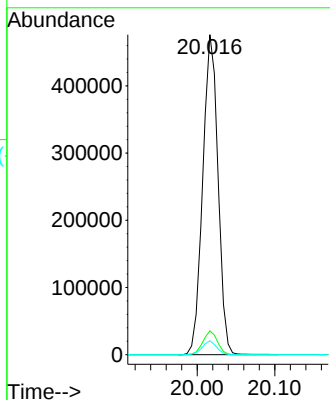
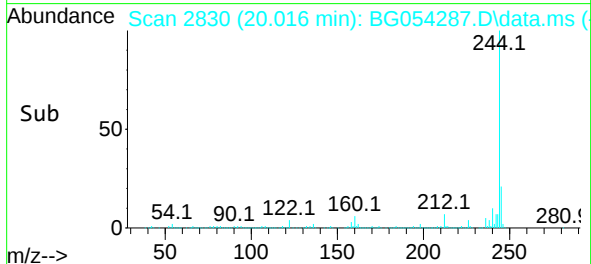


Tgt Ion:244 Resp: 649964
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 4.4 5.0 7.4

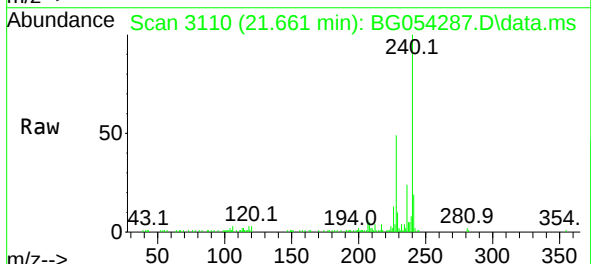
Manual Integrations

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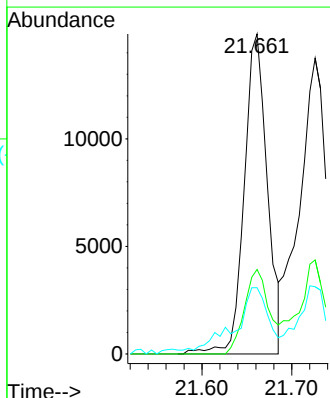
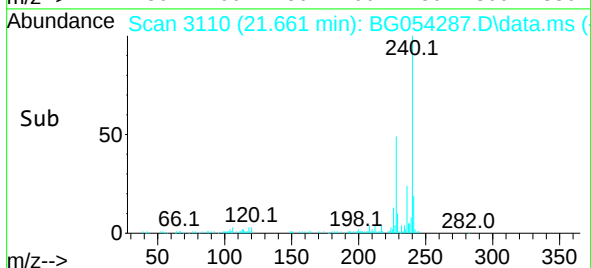
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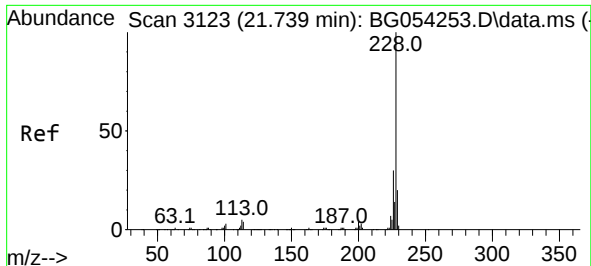


#81
 Benzo(a)anthracene
 Concen: 2.206 ng
 RT: 21.661 min Scan# 3110
 Delta R.T. -0.013 min
 Lab File: BG054287.D
 Acq: 14 Jul 2022 19:45



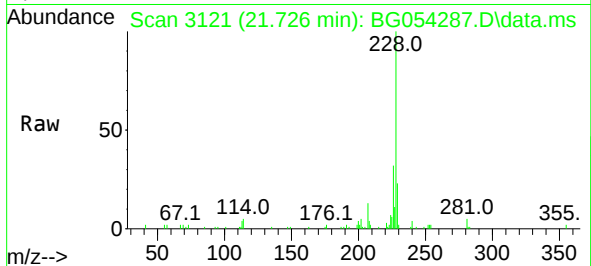
Tgt Ion:228 Resp: 26613
 Ion Ratio Lower Upper
 228 100
 226 26.4 21.6 32.4
 229 20.7 16.2 24.2





#83
Chrysene
Concen: 2.528 ng m
RT: 21.726 min Scan# 3123
Delta R.T. -0.013 min
Lab File: BG054287.D
Acq: 14 Jul 2022 19:45

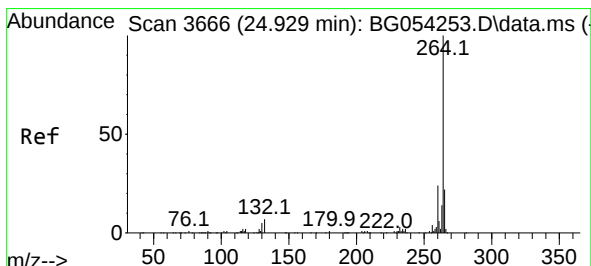
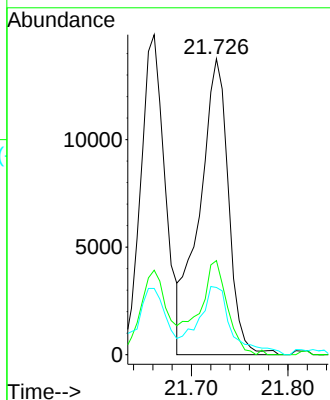
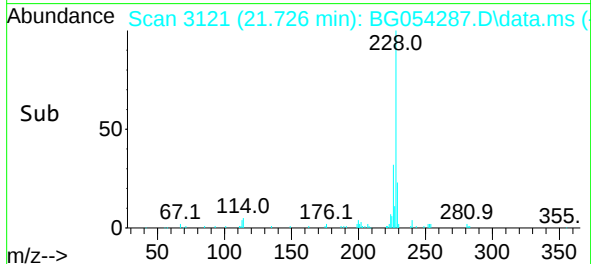
Instrument :
BNA_G
ClientSampleId :
PSC124019



Tgt Ion:228 Resp: 28840
Ion Ratio Lower Upper
228 100
226 31.8 23.4 35.2
229 22.7 15.5 23.3

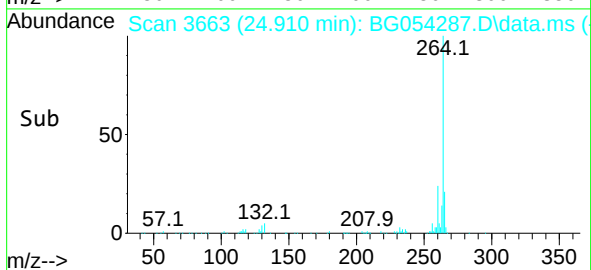
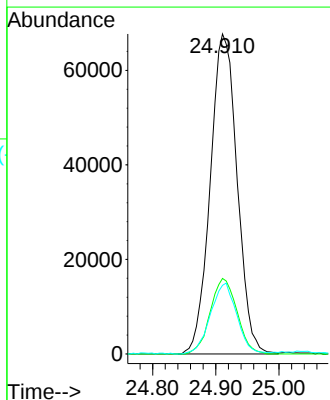
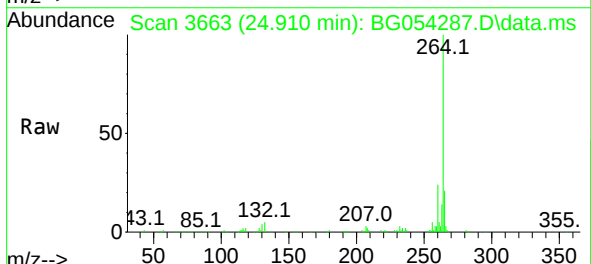
Manual Integrations
APPROVED

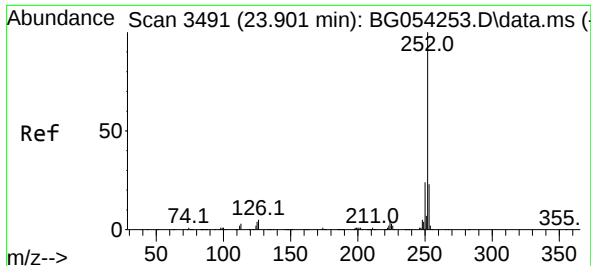
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.910 min Scan# 3663
Delta R.T. -0.019 min
Lab File: BG054287.D
Acq: 14 Jul 2022 19:45

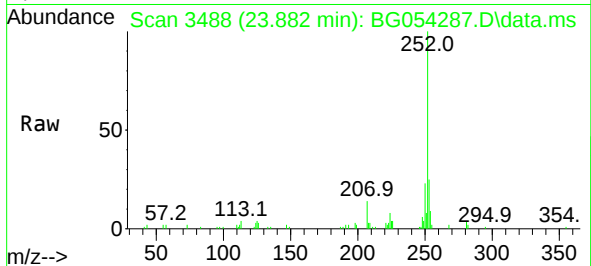
Tgt Ion:264 Resp: 199902
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.5 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 3.762 ng
RT: 23.882 min Scan# 3491
Delta R.T. -0.019 min
Lab File: BG054287.D
Acq: 14 Jul 2022 19:45

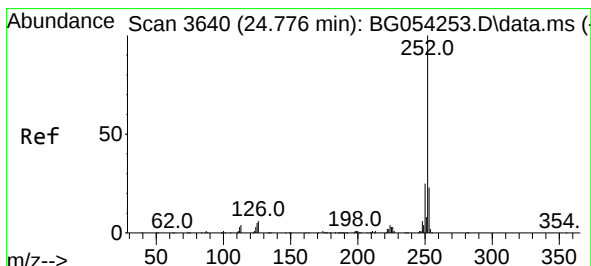
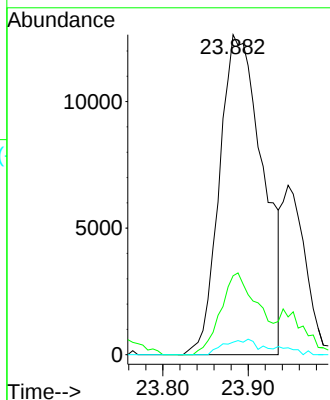
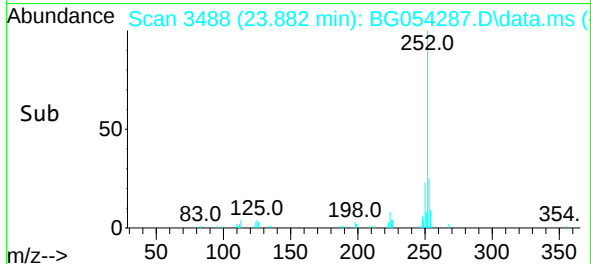
Instrument :
BNA_G
ClientSampleId :
PSC124019



Tgt Ion:252 Resp: 44590
Ion Ratio Lower Upper
252 100
253 24.6 18.0 27.0
125 3.9 4.6 6.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#90
Benzo(a)pyrene
Concen: 2.563 ng m
RT: 24.758 min Scan# 3637
Delta R.T. -0.019 min
Lab File: BG054287.D
Acq: 14 Jul 2022 19:45

Tgt Ion:252 Resp: 25994
Ion Ratio Lower Upper
252 100
253 26.1 17.8 26.8
125 4.2 4.3 6.5

