

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054135.D
 Acq On : 29 Jun 2022 2:41
 Operator : CG/JU
 Sample : N3494-06 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/29/2022
 Supervised By :Jagrut Upadhyay 06/29/2022

Quant Time: Jun 29 03:15:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	35241	20.000	ng	0.00
21) Naphthalene-d8	10.882	136	139558	20.000	ng	0.00
39) Acenaphthene-d10	14.701	164	93329	20.000	ng	0.00
64) Phenanthrene-d10	17.445	188	200024	20.000	ng	0.00
76) Chrysene-d12	21.722	240	203845	20.000	ng	0.00
86) Perylene-d12	24.989	264	210492	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	29812	16.174	ng	0.00
7) Phenol-d6	7.239	99	39564	15.823	ng	0.00
23) Nitrobenzene-d5	9.231	82	26994	10.870	ng	0.00
42) 2,4,6-Tribromophenol	16.187	330	19981	13.325	ng	0.00
45) 2-Fluorobiphenyl	13.320	172	74693	11.638	ng	0.00
79) Terphenyl-d14	20.047	244	120366	11.893	ng	0.00
Target Compounds						Qvalue
78) Pyrene	19.854	202	27400	2.226	ng	# 96
81) Benzo(a)anthracene	21.704	228	40356	3.058	ng	# 89
83) Chrysene	21.769	228	62665	4.981	ng	# 89
88) Benzo(b)fluoranthene	23.961	252	48196m	3.766	ng	
90) Benzo(a)pyrene	24.842	252	57491	5.324	ng	# 89

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

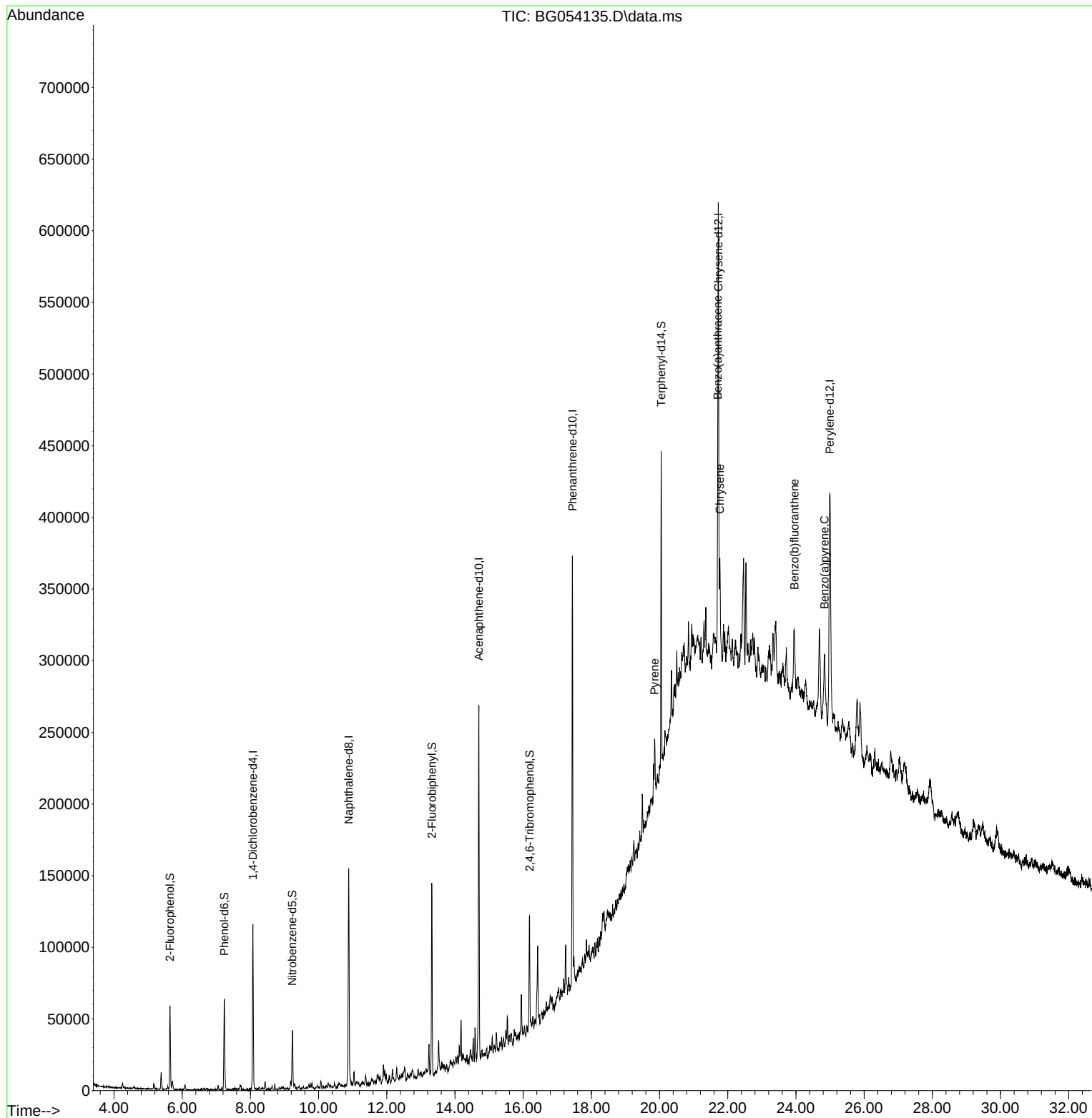
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054135.D
Acq On : 29 Jun 2022 2:41
Operator : CG/JU
Sample : N3494-06 5X
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ALS Vial : 16 Sample Multiplier: 1

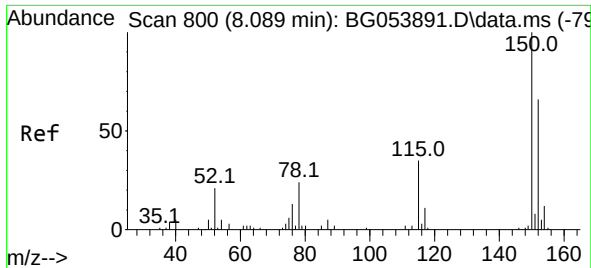
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-4

Quant Time: Jun 29 03:15:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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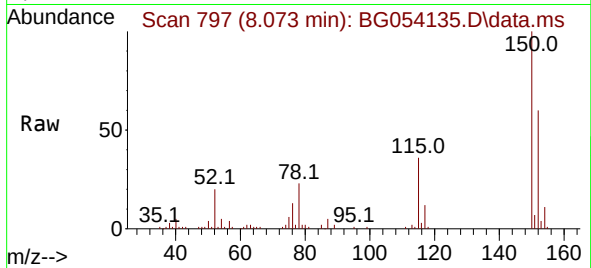
Reviewed By : Christian Giraldo 06/29/2022
Supervised By : Jagrut Upadhyay 06/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.073 min Scan# 79
Delta R.T. 0.003 min
Lab File: BG054135.D
Acq: 29 Jun 2022 2:41

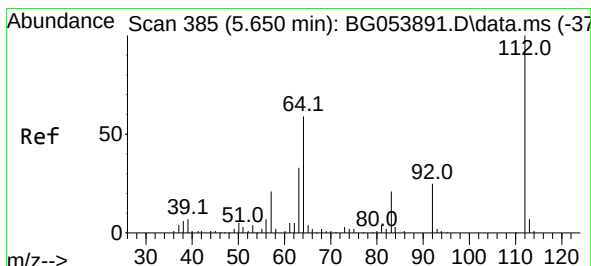
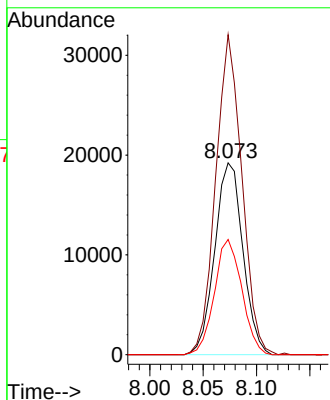
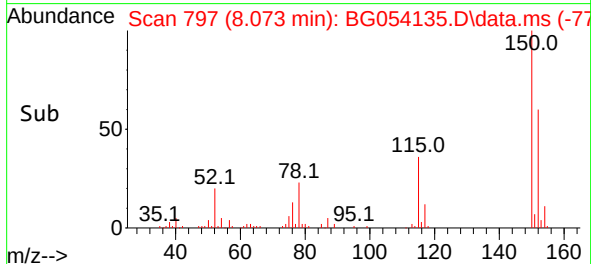
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-4



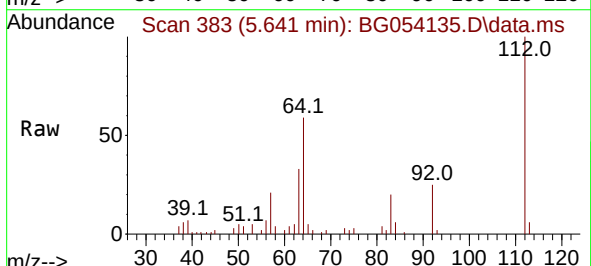
Tgt Ion:152 Resp: 3524
Ion Ratio Lower Upper
152 100
150 166.8 131.6 197.4
115 60.0 50.9 76.3

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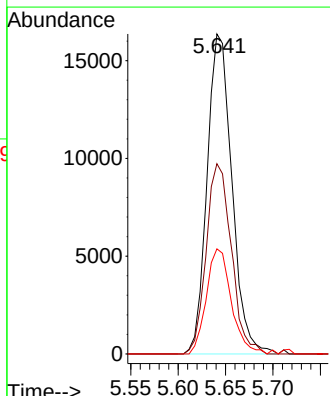
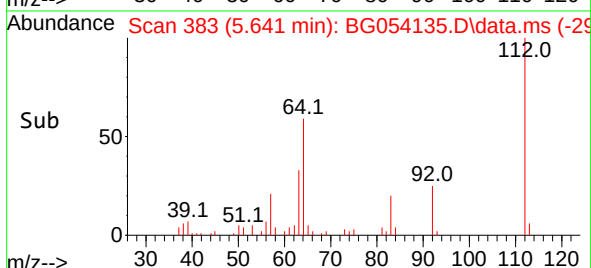
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022

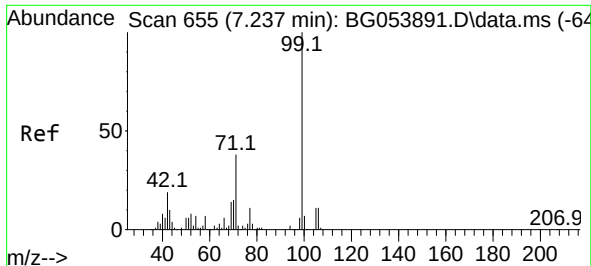


#5
2-Fluorophenol
Concen: 16.174 ng
RT: 5.641 min Scan# 383
Delta R.T. 0.003 min
Lab File: BG054135.D
Acq: 29 Jun 2022 2:41



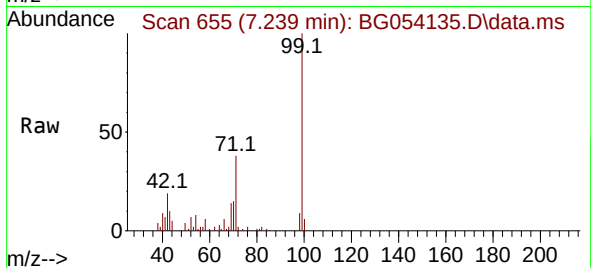
Tgt Ion:112 Resp: 29812
Ion Ratio Lower Upper
112 100
64 59.5 55.1 82.7
63 32.9 30.4 45.6





#7
Phenol-d6
Concen: 15.823 ng
RT: 7.239 min Scan# 61
Delta R.T. 0.009 min
Lab File: BG054135.D
Acq: 29 Jun 2022 2:41

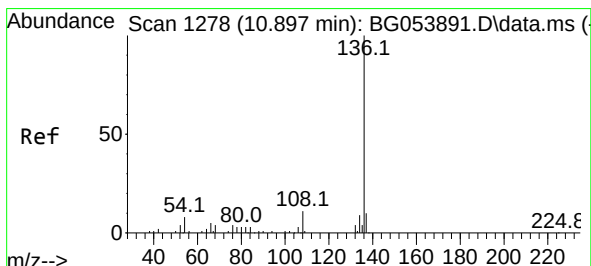
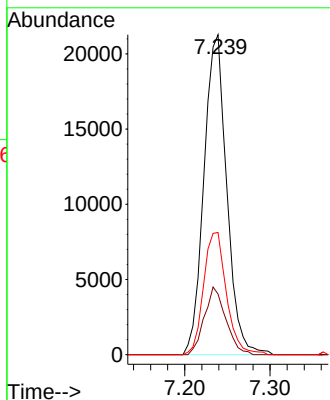
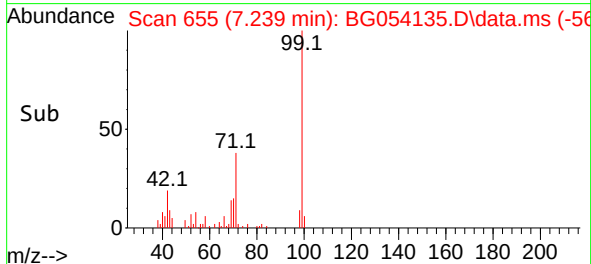
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-4



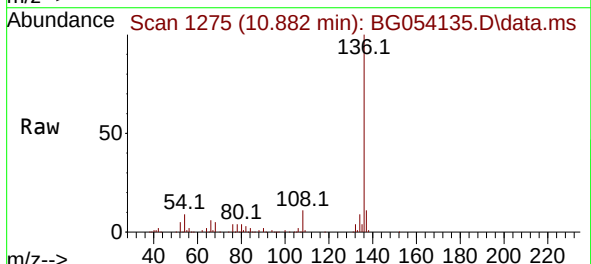
Tgt Ion: 99 Resp: 39564
Ion Ratio Lower Upper
99 100
42 18.9 17.0 25.6
71 38.2 33.8 50.8

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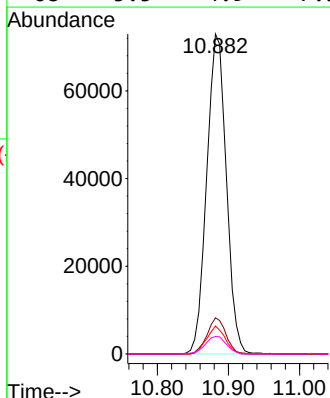
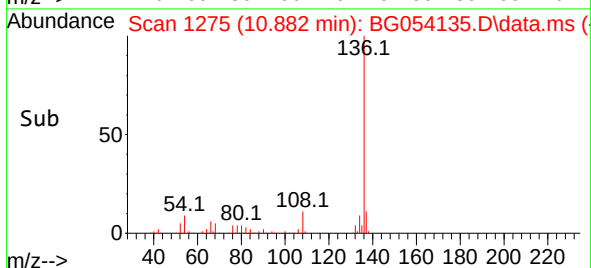
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022

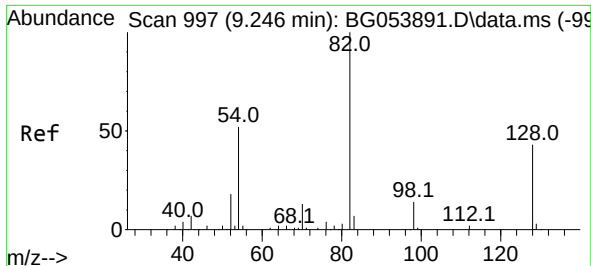


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.882 min Scan# 1275
Delta R.T. 0.003 min
Lab File: BG054135.D
Acq: 29 Jun 2022 2:41



Tgt Ion:136 Resp: 139558
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 8.7 7.4 11.2
68 5.5 4.9 7.3





#23
Nitrobenzene-d5
Concen: 10.870 ng
RT: 9.231 min Scan# 994
Delta R.T. -0.003 min
Lab File: BG054135.D
Acq: 29 Jun 2022 2:41

Instrument :

BNA_G

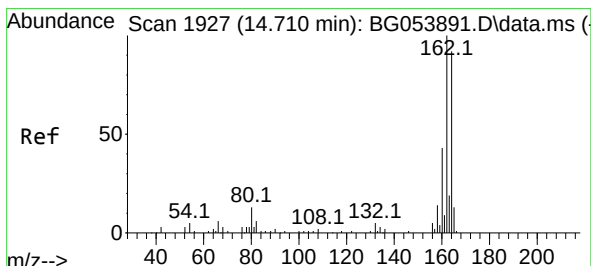
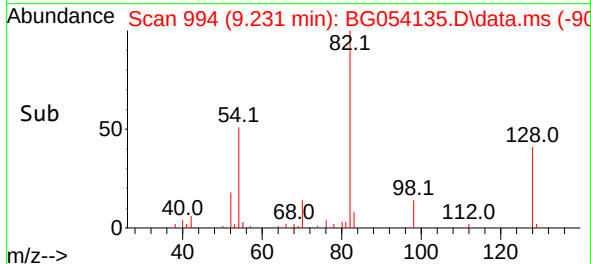
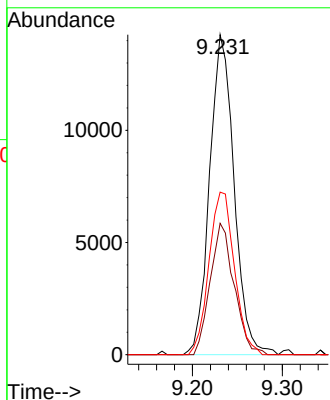
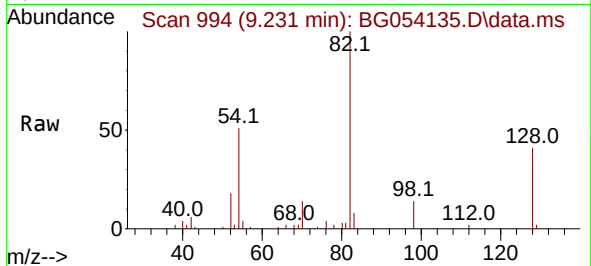
ClientSampleId :

SP-EXC-1-4

Tgt Ion: 82 Resp: 26994
Ion Ratio Lower Upper
82 100
128 41.0 27.9 41.9
54 50.8 41.2 61.8

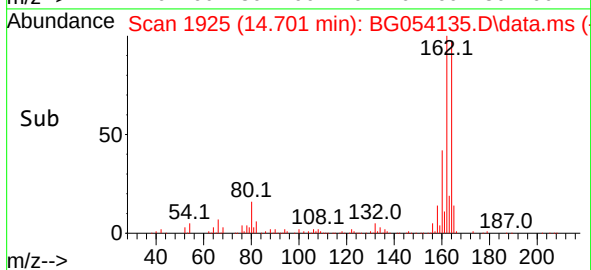
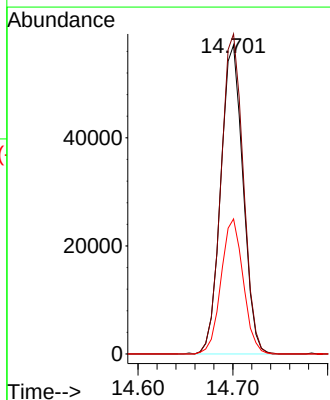
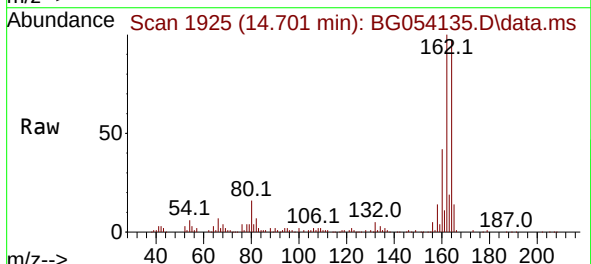
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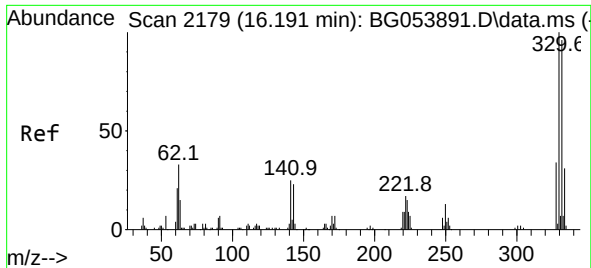
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.701 min Scan# 1925
Delta R.T. 0.003 min
Lab File: BG054135.D
Acq: 29 Jun 2022 2:41

Tgt Ion:164 Resp: 93329
Ion Ratio Lower Upper
164 100
162 103.6 82.3 123.5
160 43.7 34.2 51.2





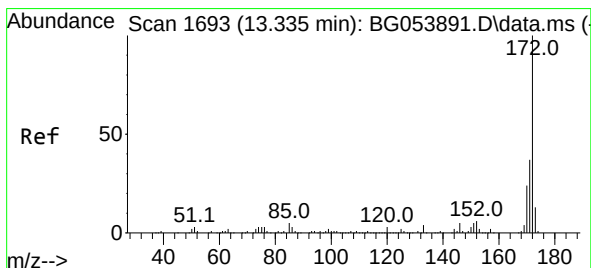
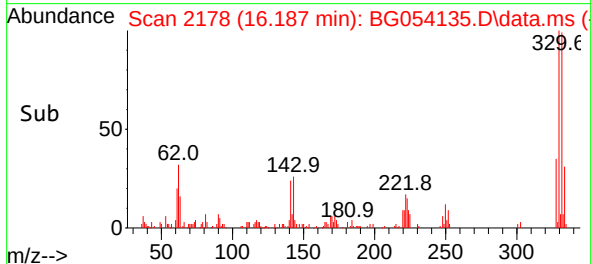
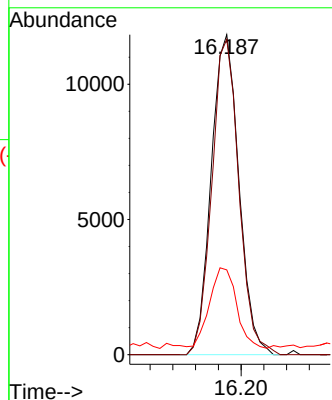
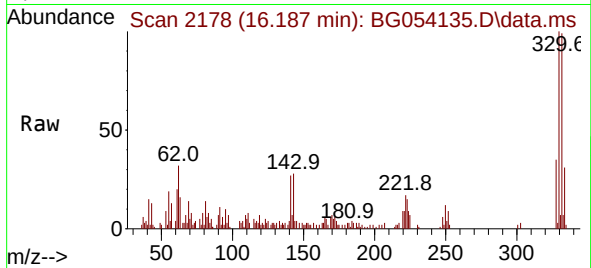
#42
2,4,6-Tribromophenol
Concen: 13.325 ng
RT: 16.187 min Scan# 2179
Delta R.T. 0.003 min
Lab File: BG054135.D
Acq: 29 Jun 2022 2:41

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-4

Tgt Ion:330 Resp: 1998
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 24.7 27.1 40.7

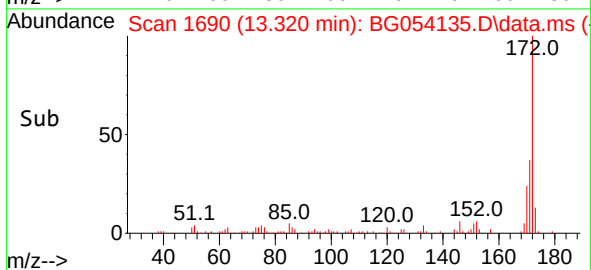
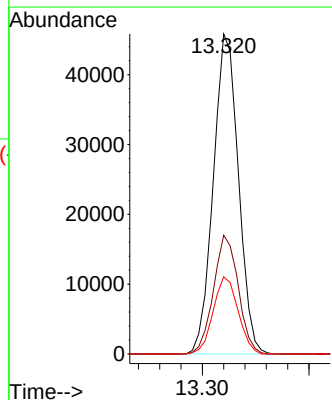
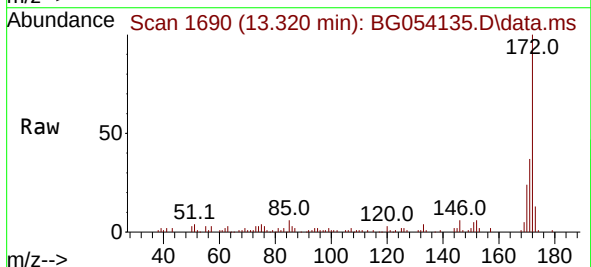
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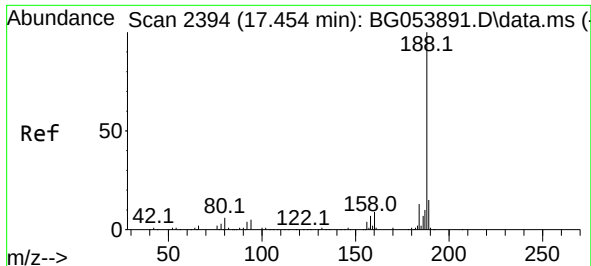
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022



#45
2-Fluorobiphenyl
Concen: 11.638 ng
RT: 13.320 min Scan# 1690
Delta R.T. -0.003 min
Lab File: BG054135.D
Acq: 29 Jun 2022 2:41

Tgt Ion:172 Resp: 74693
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 24.1 18.9 28.3





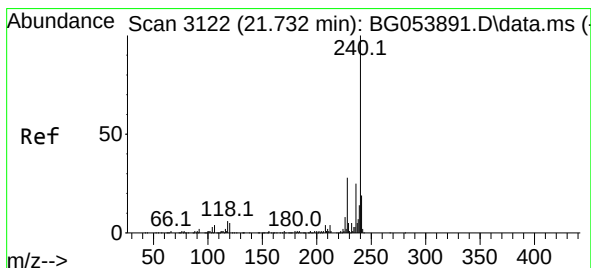
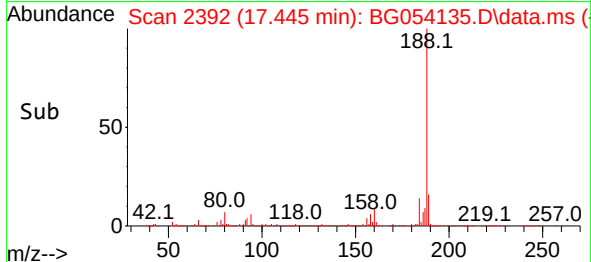
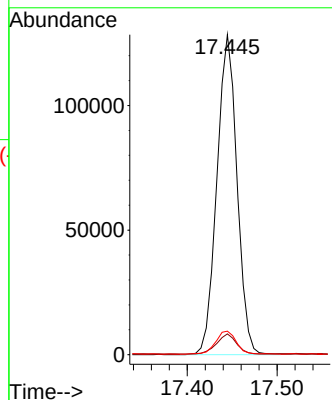
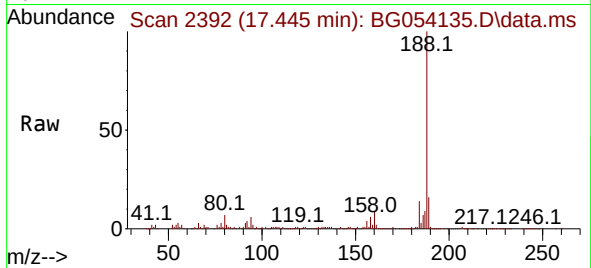
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.445 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054135.D
Acq: 29 Jun 2022 2:41

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-4

Tgt Ion:188 Resp: 200024
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 7.3 6.8 10.2

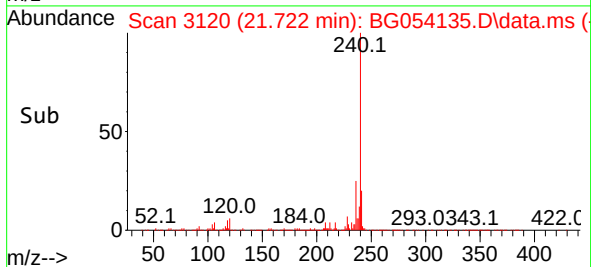
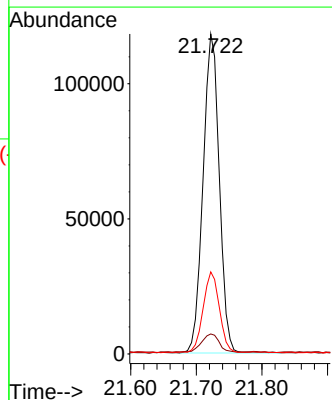
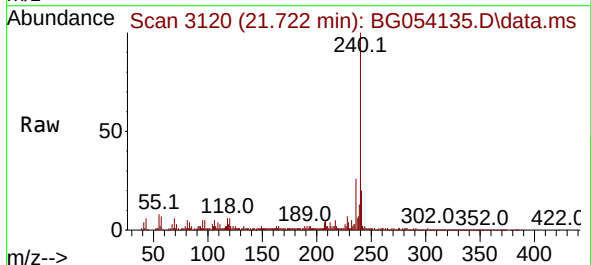
Manual Integrations
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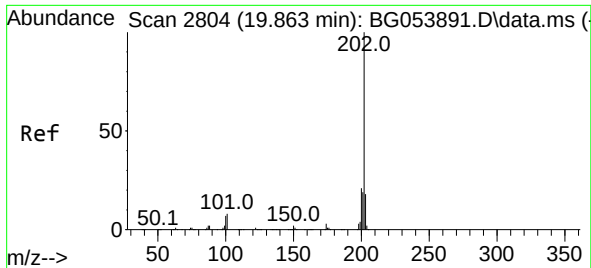
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.722 min Scan# 3120
Delta R.T. 0.003 min
Lab File: BG054135.D
Acq: 29 Jun 2022 2:41

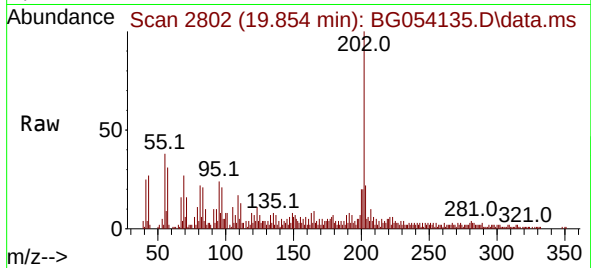
Tgt Ion:240 Resp: 203845
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 25.6 20.2 30.4





#78
 Pyrene
 Concen: 2.226 ng
 RT: 19.854 min Scan# 2802
 Delta R.T. 0.003 min
 Lab File: BG054135.D
 Acq: 29 Jun 2022 2:41

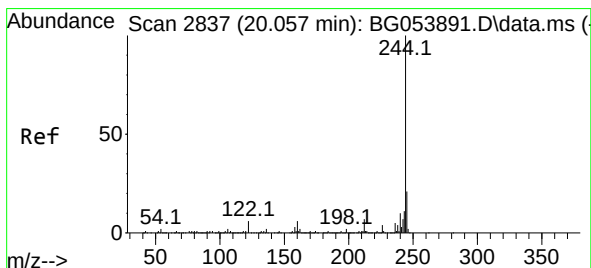
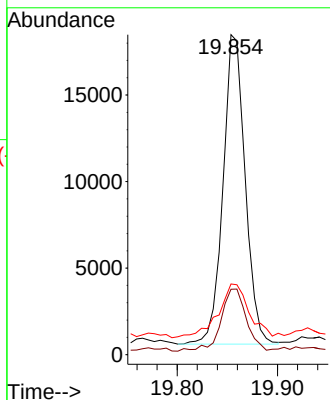
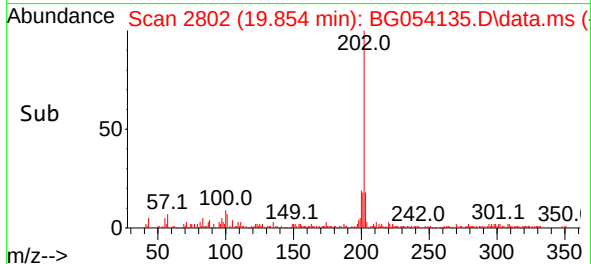
Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-4



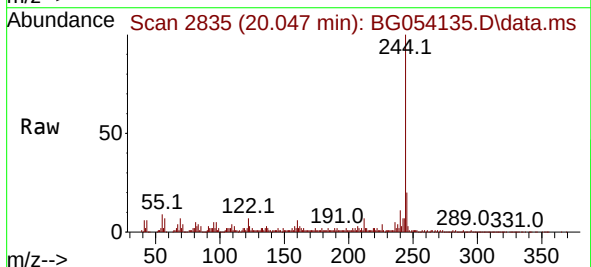
Tgt Ion:202 Resp: 27400
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.6 24.8
 203 22.1 14.6 21.8

Manual Integrations
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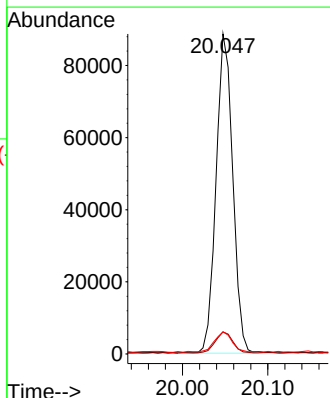
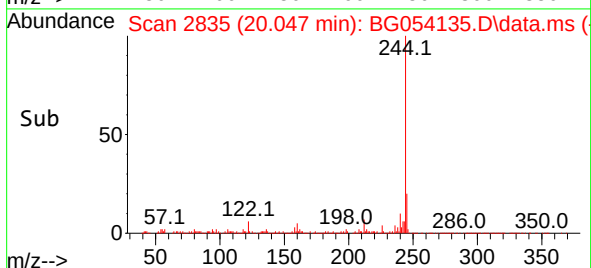
Reviewed By :Christian Giraldo 06/29/2022
 Supervised By :Jagrut Upadhyay 06/29/2022

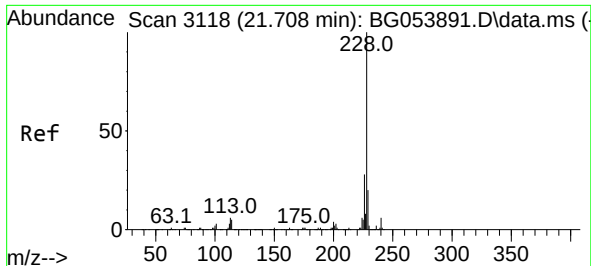


#79
 Terphenyl-d14
 Concen: 11.893 ng
 RT: 20.047 min Scan# 2835
 Delta R.T. 0.003 min
 Lab File: BG054135.D
 Acq: 29 Jun 2022 2:41



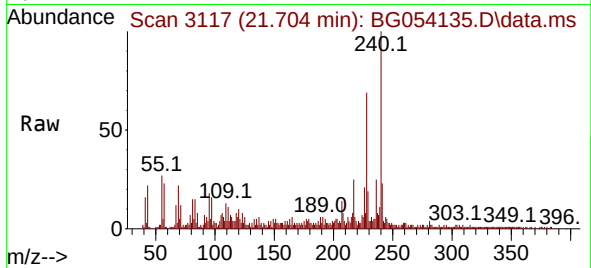
Tgt Ion:244 Resp: 120366
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 6.9 5.0 7.4





#81
Benzo(a)anthracene
Concen: 3.058 ng
RT: 21.704 min Scan# 3117
Delta R.T. 0.009 min
Lab File: BG054135.D
Acq: 29 Jun 2022 2:41

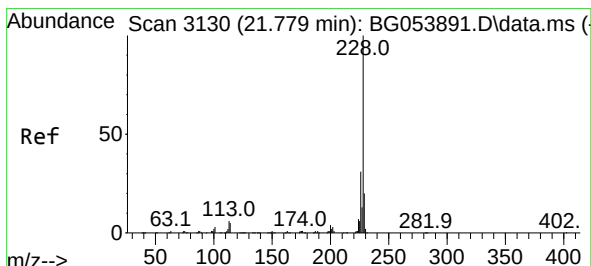
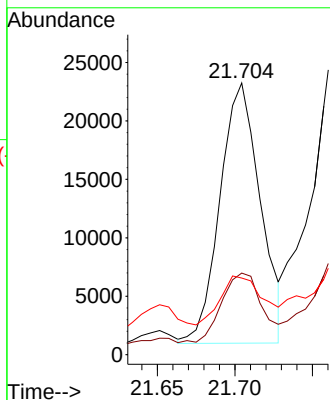
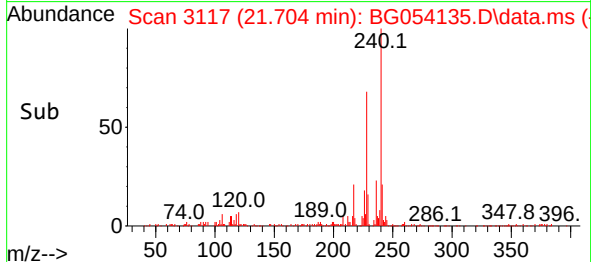
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-4



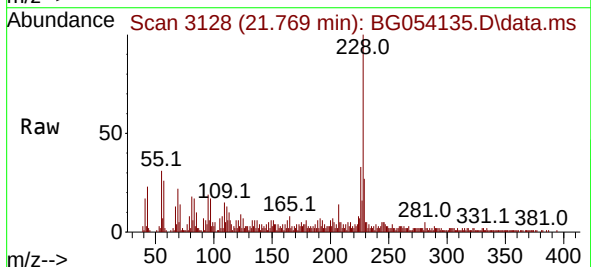
Tgt Ion:228 Resp: 40350
Ion Ratio Lower Upper
228 100
226 30.0 21.6 32.4
229 28.2 16.2 24.2

Manual Integrations
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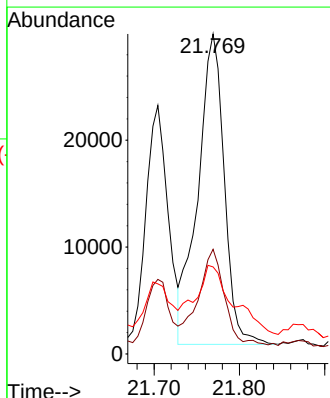
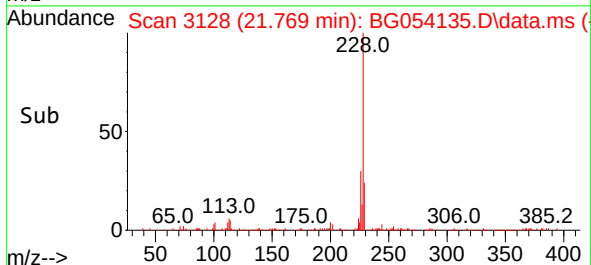
Reviewed By :Christian Giraldo 06/29/2022
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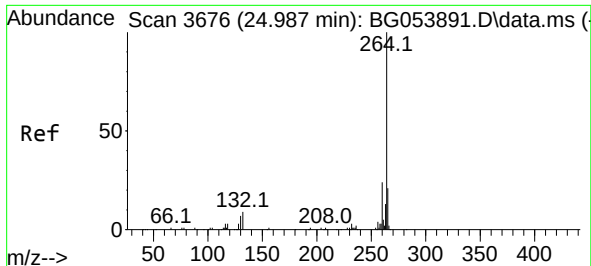


#83
Chrysene
Concen: 4.981 ng
RT: 21.769 min Scan# 3128
Delta R.T. 0.009 min
Lab File: BG054135.D
Acq: 29 Jun 2022 2:41



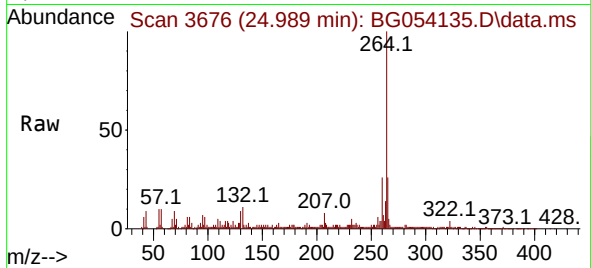
Tgt Ion:228 Resp: 62665
Ion Ratio Lower Upper
228 100
226 32.7 23.4 35.2
229 27.2 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 30
Delta R.T. 0.026 min
Lab File: BG054135.D
Acq: 29 Jun 2022 2:41

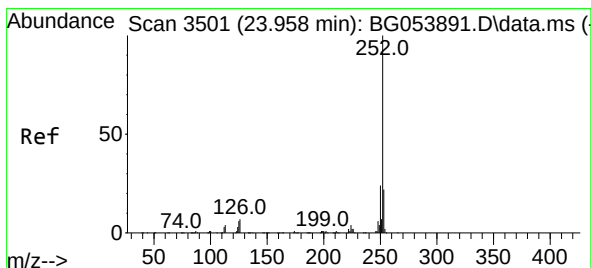
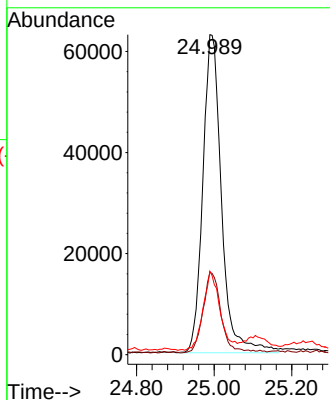
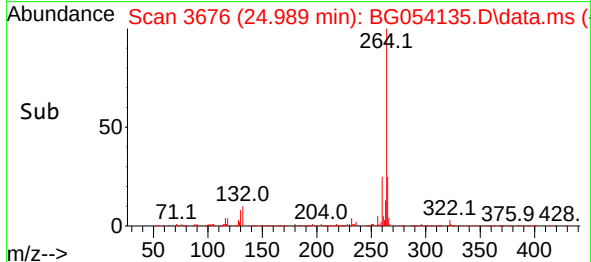
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-4



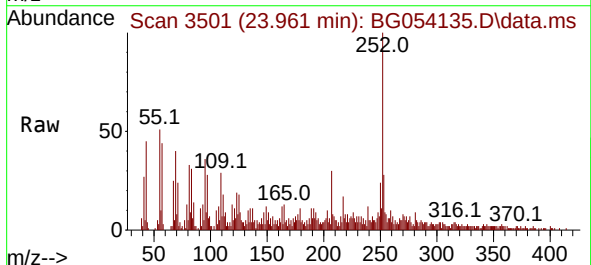
Tgt Ion:264 Resp: 210492
Ion Ratio Lower Upper
264 100
260 25.8 19.0 28.6
265 26.0 17.4 26.2

Manual Integrations
APPROVED

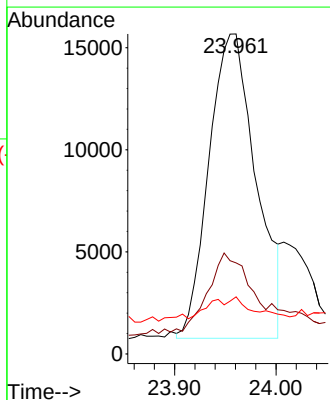
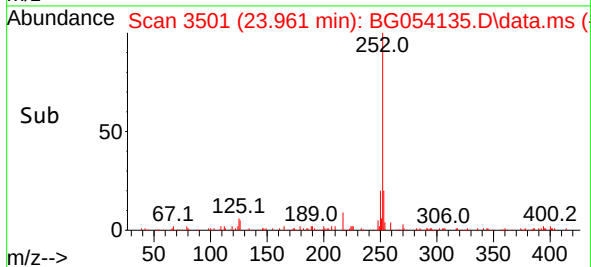
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022

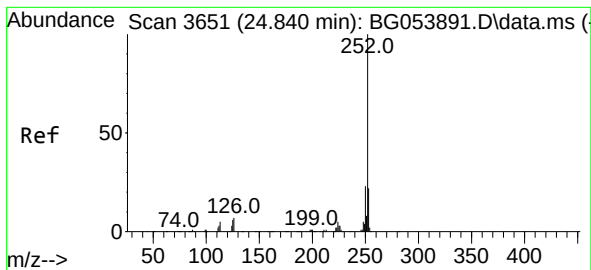


#88
Benzo(b)fluoranthene
Concen: 3.766 ng m
RT: 23.961 min Scan# 3501
Delta R.T. 0.026 min
Lab File: BG054135.D
Acq: 29 Jun 2022 2:41



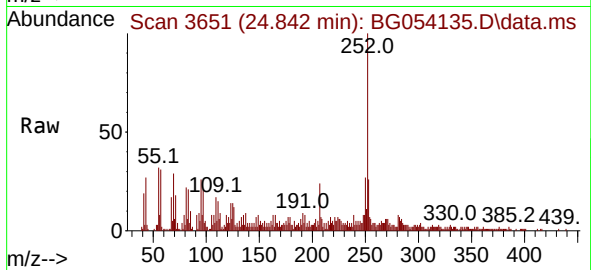
Tgt Ion:252 Resp: 48196
Ion Ratio Lower Upper
252 100
253 28.4 18.0 27.0#
125 17.9 4.6 6.8#





#90
Benzo(a)pyrene
Concen: 5.324 ng
RT: 24.842 min Scan# 30
Delta R.T. 0.026 min
Lab File: BG054135.D
Acq: 29 Jun 2022 2:41

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-4



Tgt Ion:252 Resp: 5749
Ion Ratio Lower Upper
252 100
253 26.0 17.8 26.8
125 13.7 4.3 6.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022

