

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051074.D
 Acq On : 16 Nov 2021 19:57
 Operator : CG/JU
 Sample : M4701-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-111521

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
 Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 17 00:42:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	37691	20.000	ng	-0.01
21) Naphthalene-d8	11.050	136	166757	20.000	ng	# 0.00
39) Acenaphthene-d10	14.846	164	112318	20.000	ng	-0.01
64) Phenanthrene-d10	17.596	188	241961	20.000	ng	# 0.00
76) Chrysene-d12	21.896	240	209118	20.000	ng	# 0.00
86) Perylene-d12	25.298	264	210204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.757	112	231386	91.834	ng	0.00
7) Phenol-d6	7.372	99	312896	87.983	ng	0.00
23) Nitrobenzene-d5	9.399	82	208064	55.232	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	101771	90.544	ng	0.00
45) 2-Fluorobiphenyl	13.471	172	414254	58.275	ng	0.00
79) Terphenyl-d14	20.187	244	593247	51.909	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.637	178	34801	2.696	ng	95
75) Fluoranthene	19.634	202	56343	3.558	ng	95
78) Pyrene	19.999	202	83474	5.321	ng	98
81) Benzo(a)anthracene	21.873	228	31063m	2.163	ng	
83) Chrysene	21.943	228	31997	2.362	ng	95
88) Benzo(b)fluoranthene	24.217	252	35837m	2.708	ng	
90) Benzo(a)pyrene	25.140	252	31029	2.747	ng	# 91
92) Benzo(g,h,i)perylene	30.445	276	30712	2.541	ng	# 87

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

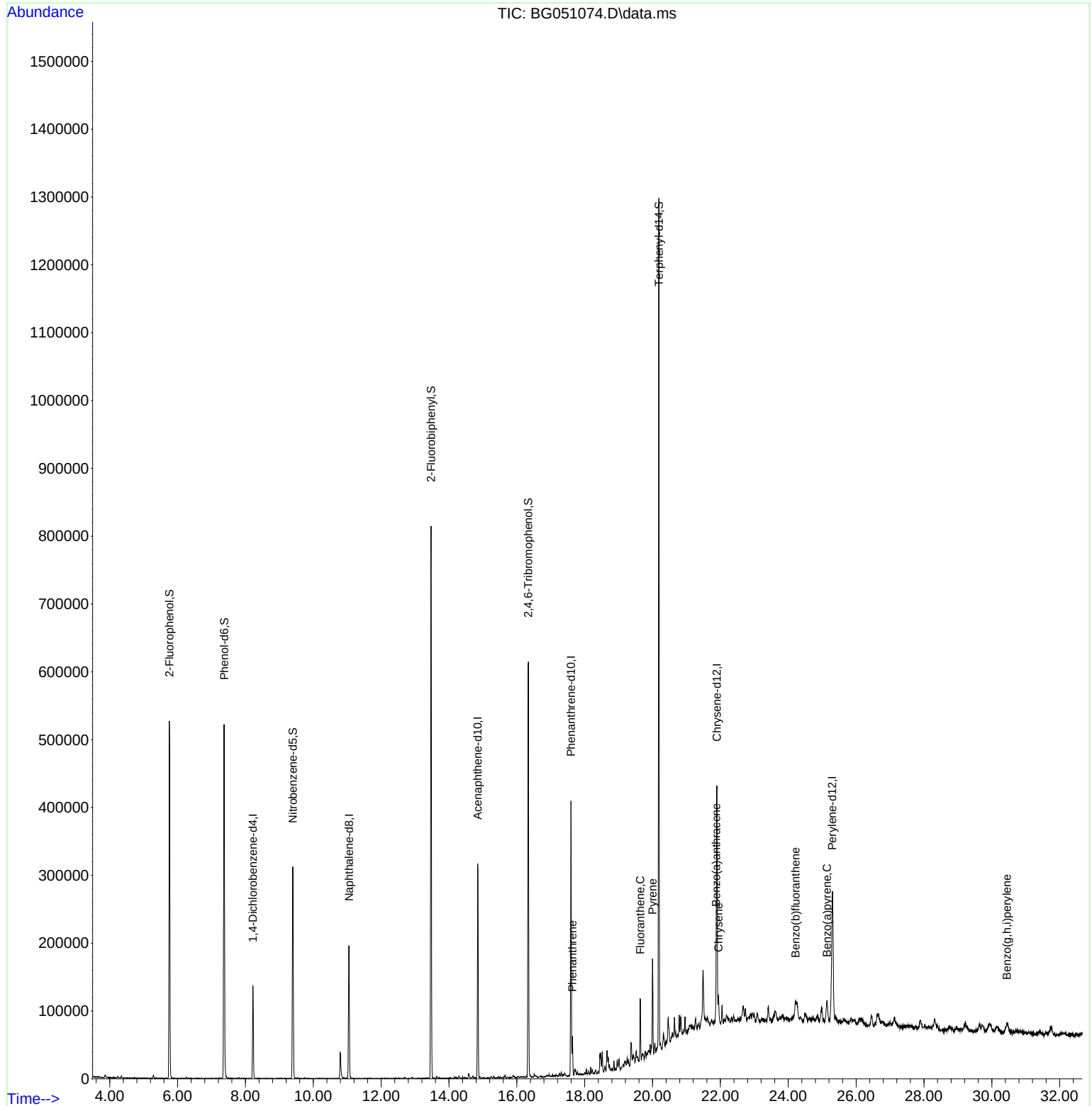
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051074.D
Acq On : 16 Nov 2021 19:57
Operator : CG/JU
Sample : M4701-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

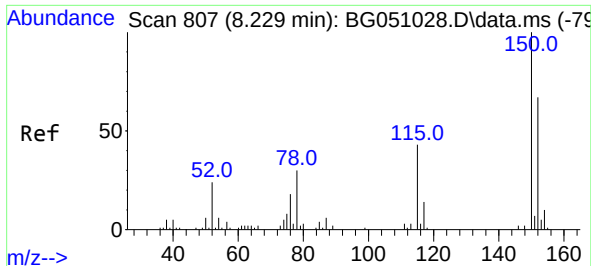
Instrument :
BNA_G
ClientSampleId :
OR-03-111521

Quant Time: Nov 17 00:42:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 807
Delta R.T. -0.011 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57

Instrument :

BNA_G

ClientSampleId :

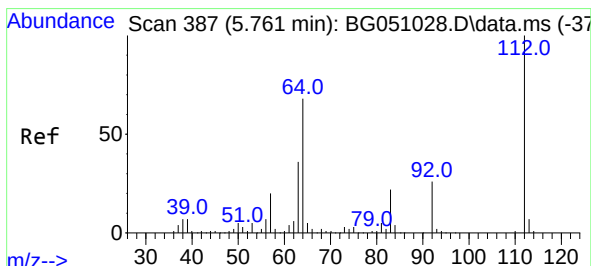
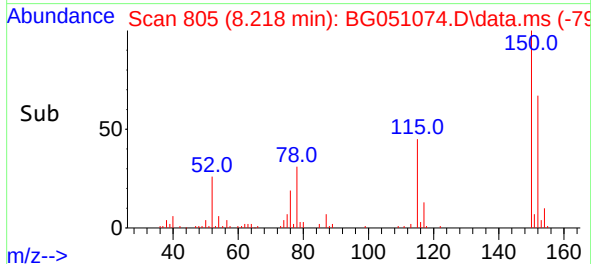
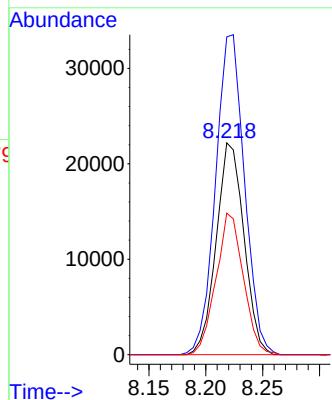
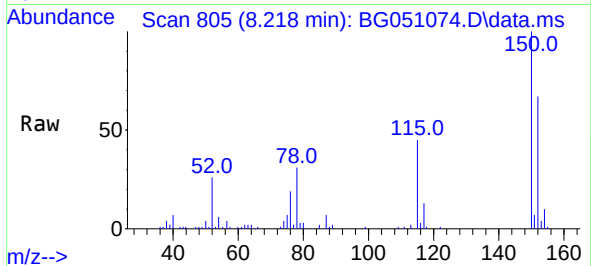
OR-03-111521

Tgt Ion:152 Resp: 3769
Ion Ratio Lower Upper
152 100
150 150.0 119.4 179.0
115 66.8 60.2 90.4

Manual Integrations

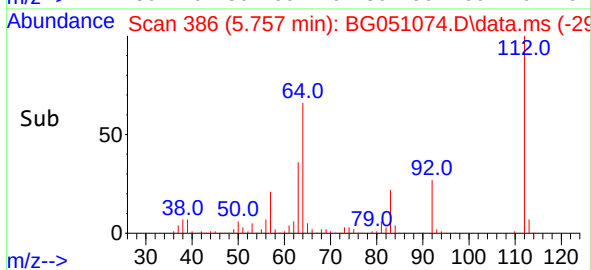
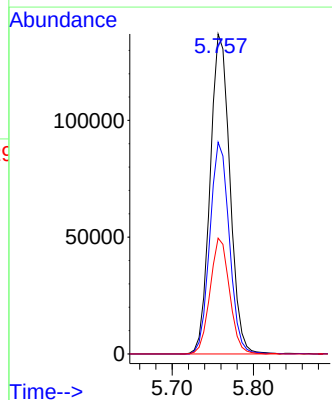
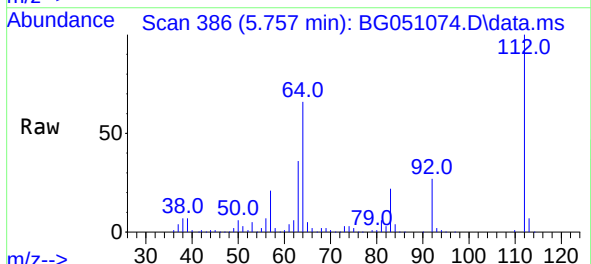
APPROVED

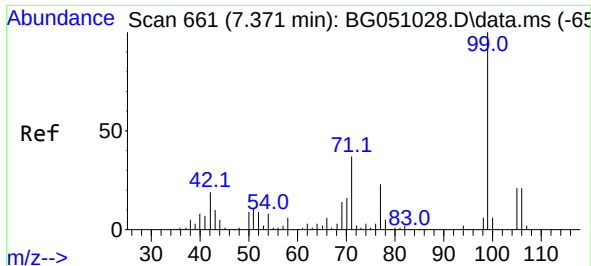
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#5
2-Fluorophenol
Concen: 91.834 ng
RT: 5.757 min Scan# 386
Delta R.T. -0.005 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57

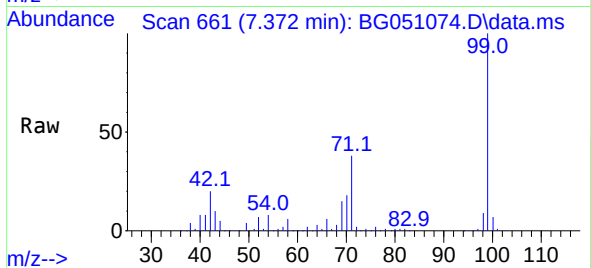
Tgt Ion:112 Resp: 231386
Ion Ratio Lower Upper
112 100
64 66.2 46.7 70.1
63 36.2 35.3 52.9





#7
Phenol-d6
Concen: 87.983 ng
RT: 7.372 min Scan# 661
Delta R.T. 0.001 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57

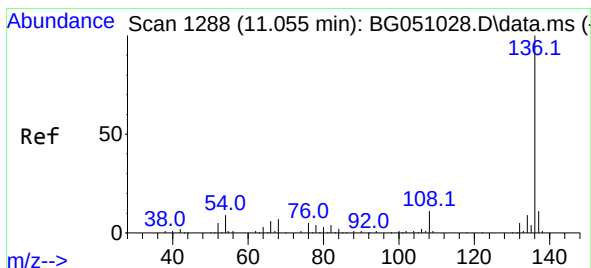
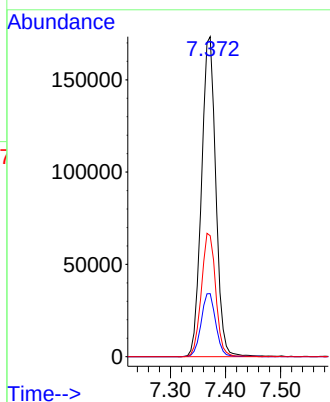
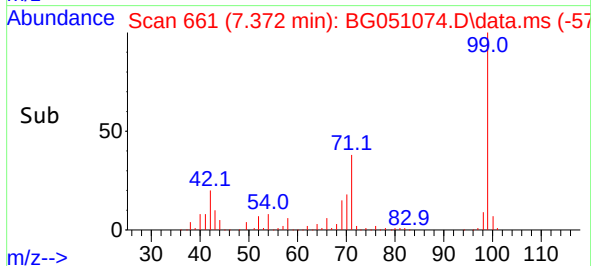
Instrument :
BNA_G
ClientSampleId :
OR-03-111521



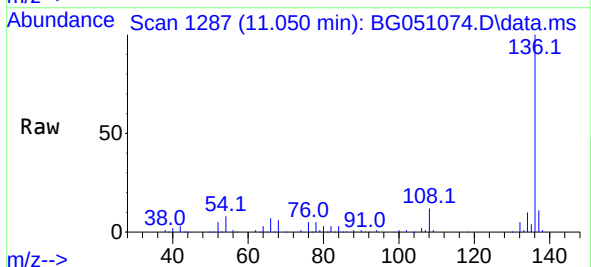
Tgt Ion: 99 Resp: 312890
Ion Ratio Lower Upper
99 100
42 19.7 20.5 30.7
71 37.8 41.5 62.3

Manual Integrations
APPROVED

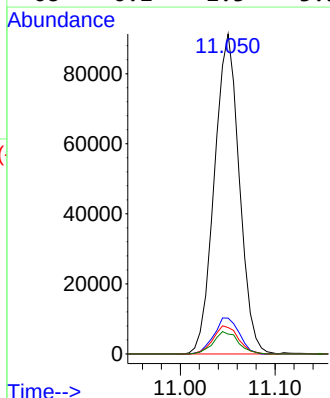
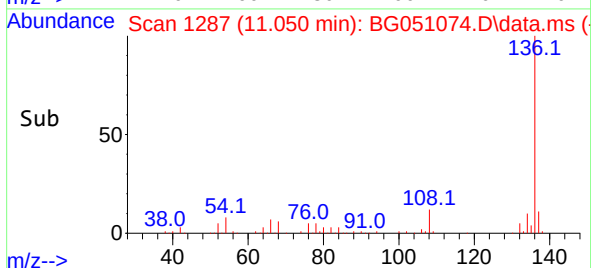
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

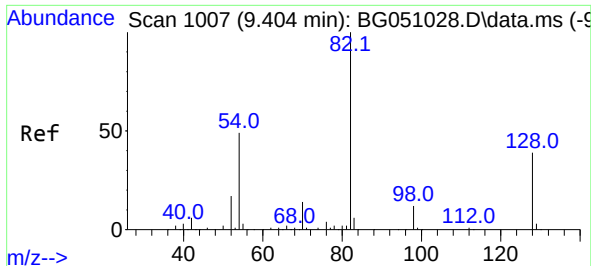


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.050 min Scan# 1287
Delta R.T. -0.004 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57



Tgt Ion:136 Resp: 166757
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 8.3 5.5 8.3
68 6.2 2.3 3.5





#23
Nitrobenzene-d5
Concen: 55.232 ng
RT: 9.399 min Scan# 1006
Delta R.T. -0.005 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57

Instrument :

BNA_G

ClientSampleId :

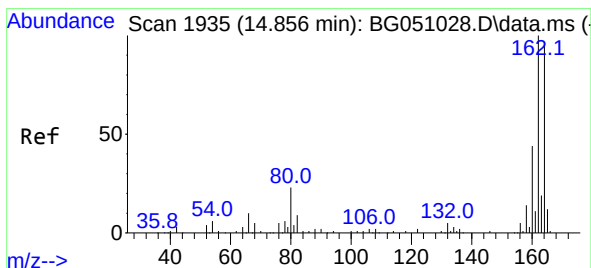
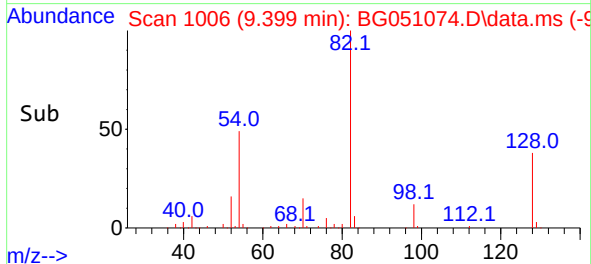
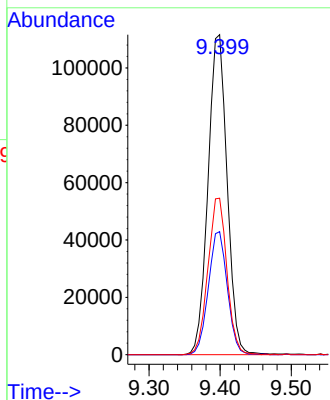
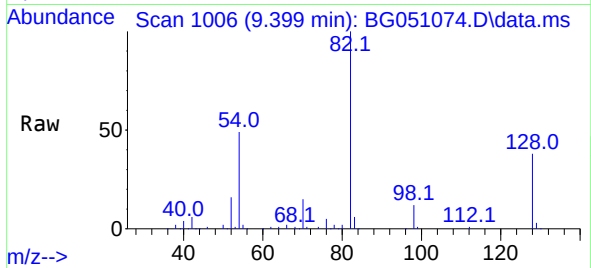
OR-03-111521

Tgt Ion: 82 Resp: 208064
Ion Ratio Lower Upper
82 100
128 38.4 29.8 44.6
54 48.9 45.8 68.8

Manual Integrations

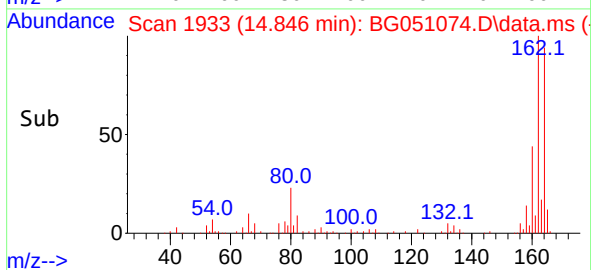
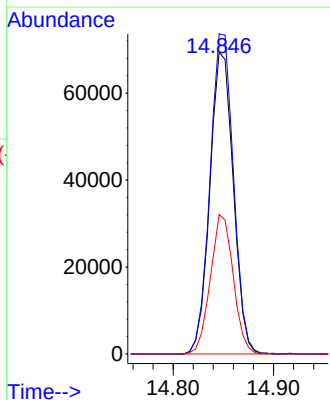
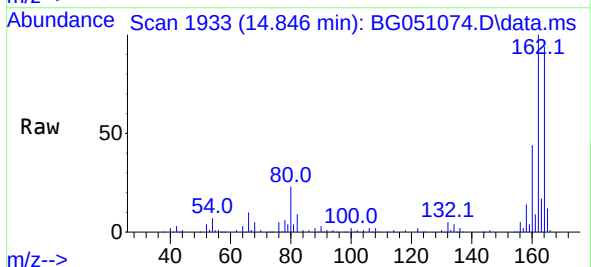
APPROVED

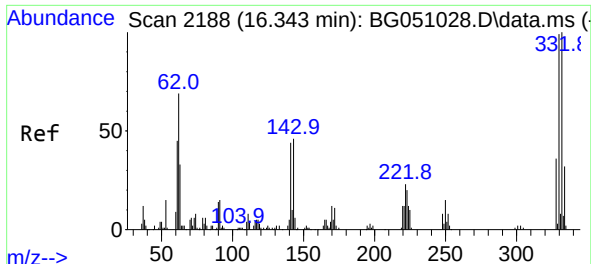
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.846 min Scan# 1933
Delta R.T. -0.010 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57

Tgt Ion:164 Resp: 112318
Ion Ratio Lower Upper
164 100
162 106.1 81.4 122.0
160 46.2 34.9 52.3





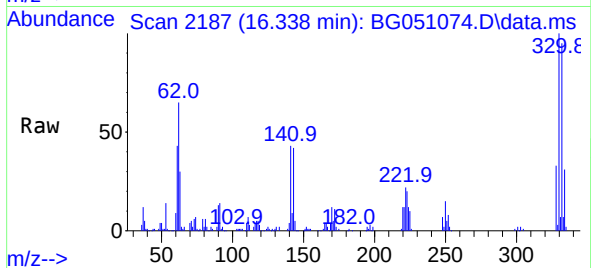
#42
2,4,6-Tribromophenol
Concen: 90.544 ng
RT: 16.338 min Scan# 2188
Delta R.T. -0.005 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57

Instrument :

BNA_G

ClientSampleId :

OR-03-111521

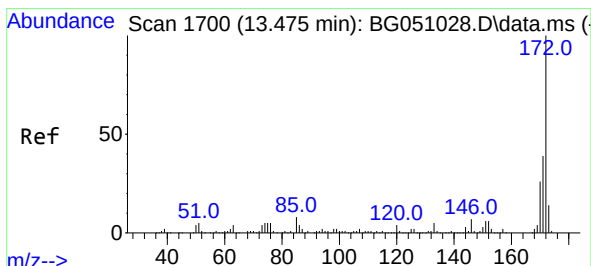
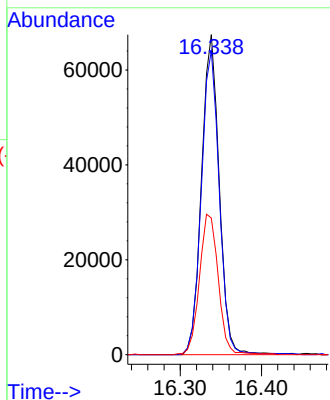
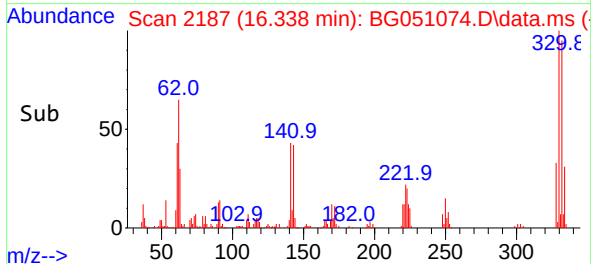


Tgt Ion:330 Resp: 10177
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 46.9 35.6 53.4

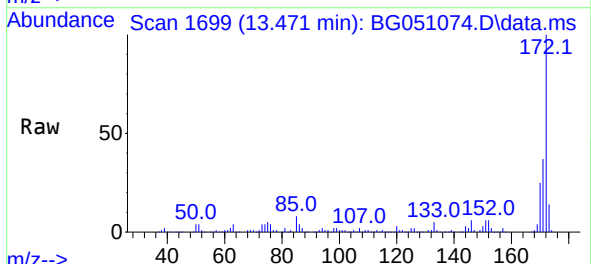
Manual Integrations

APPROVED

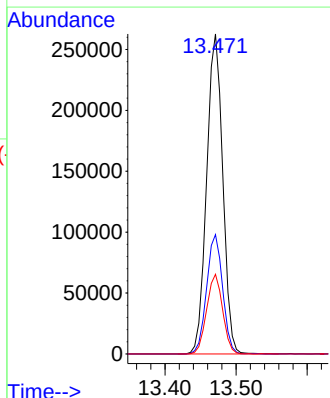
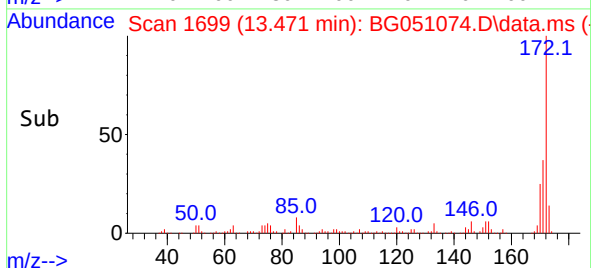
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

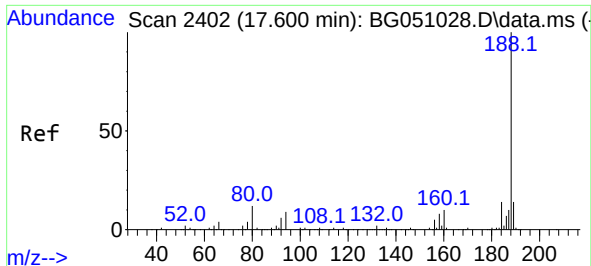


#45
2-Fluorobiphenyl
Concen: 58.275 ng
RT: 13.471 min Scan# 1699
Delta R.T. -0.004 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57



Tgt Ion:172 Resp: 414254
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 24.9 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.596 min Scan# 24196
Delta R.T. -0.004 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57

Instrument :

BNA_G

ClientSampleId :

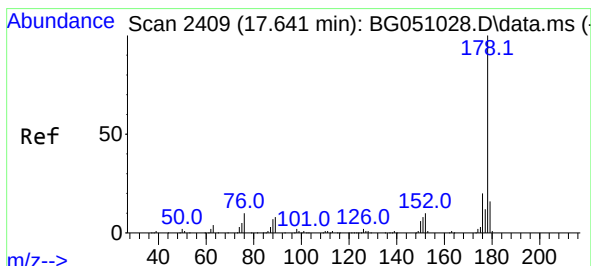
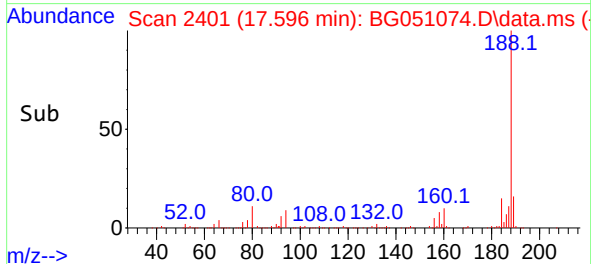
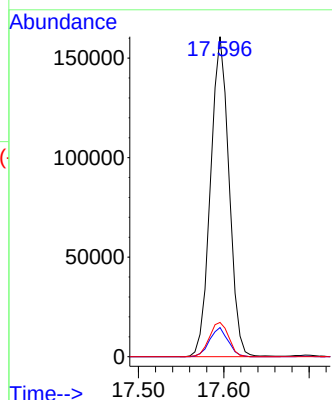
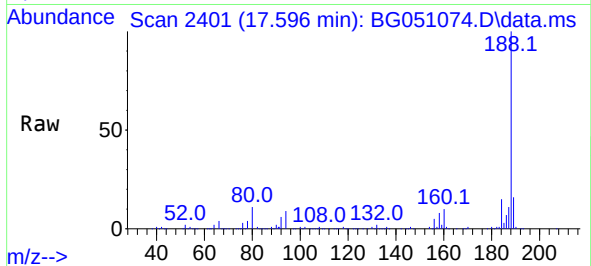
OR-03-111521

Tgt Ion:188 Resp: 24196
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0
80 10.7 3.7 5.5

Manual Integrations

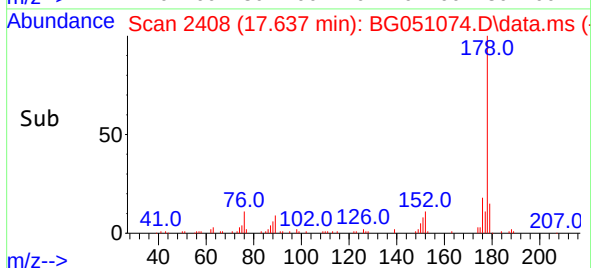
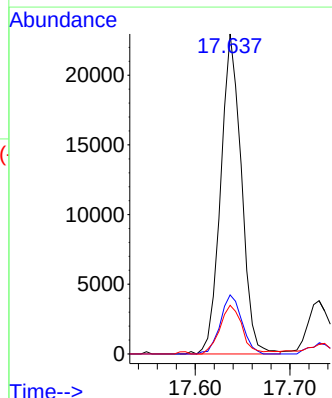
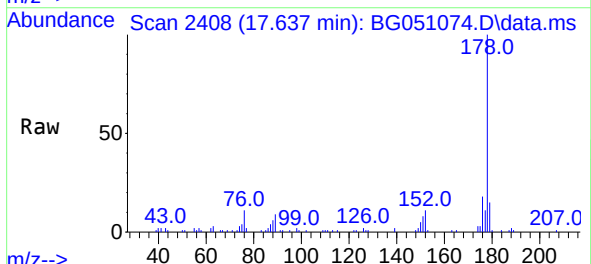
APPROVED

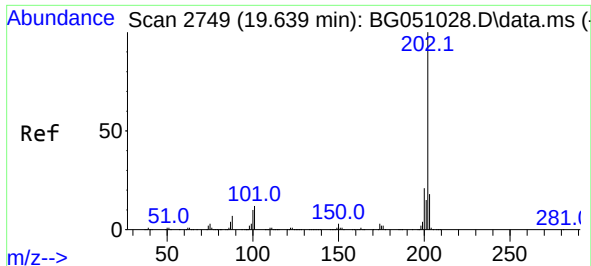
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#71
Phenanthrene
Concen: 2.696 ng
RT: 17.637 min Scan# 2408
Delta R.T. -0.004 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57

Tgt Ion:178 Resp: 34801
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 15.2 14.2 21.4





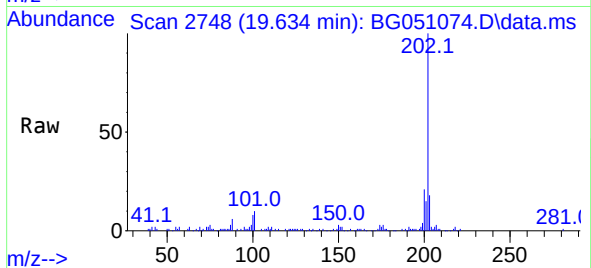
#75
Fluoranthene
Concen: 3.558 ng
RT: 19.634 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57

Instrument :

BNA_G

ClientSampleId :

OR-03-111521

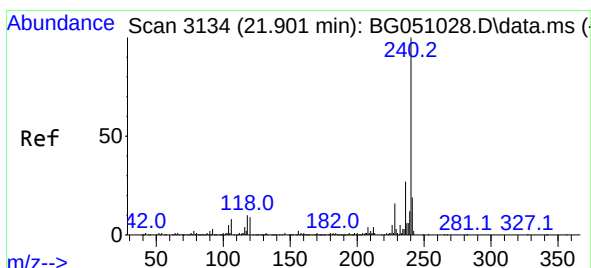
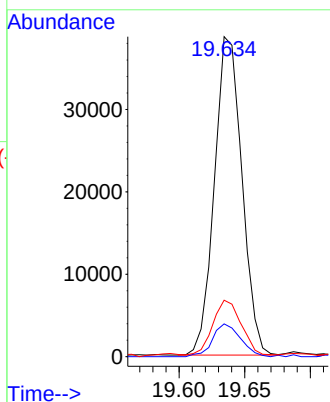
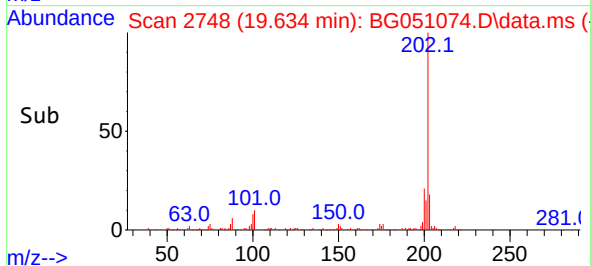


Tgt Ion:202 Resp: 5634
Ion Ratio Lower Upper
202 100
101 10.2 0.0 24.7
203 17.6 0.0 38.5

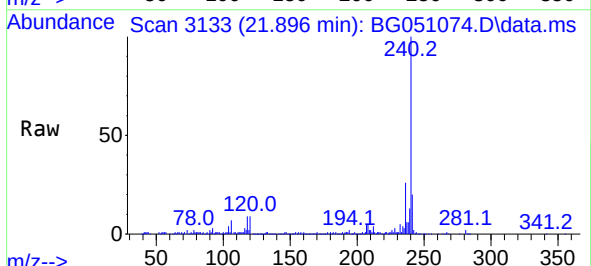
Manual Integrations

APPROVED

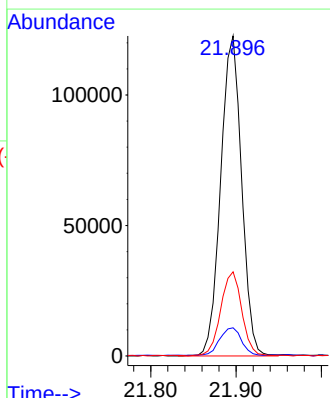
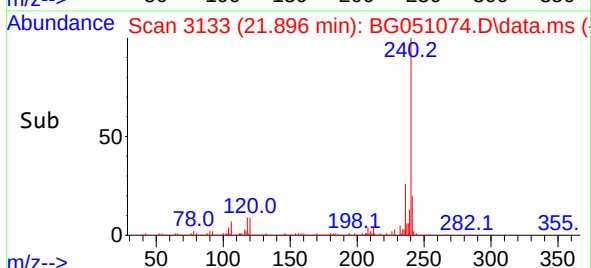
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

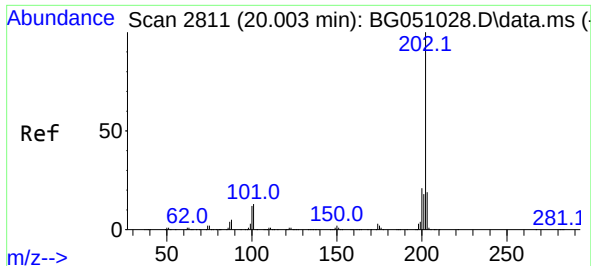


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.896 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57



Tgt Ion:240 Resp: 209118
Ion Ratio Lower Upper
240 100
120 8.8 4.2 6.2#
236 26.3 21.8 32.6





#78
Pyrene
Concen: 5.321 ng
RT: 19.999 min Scan# 2810
Delta R.T. -0.004 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57

Instrument :

BNA_G

ClientSampleId :

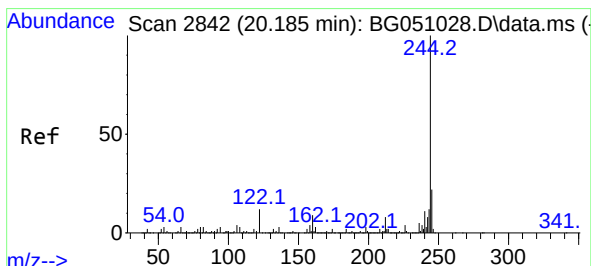
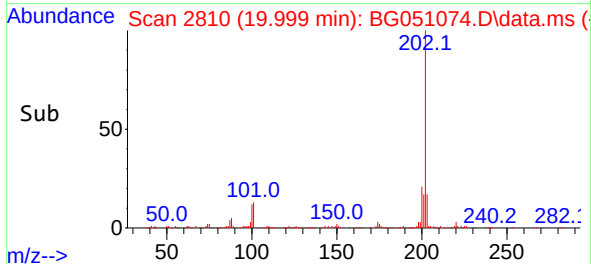
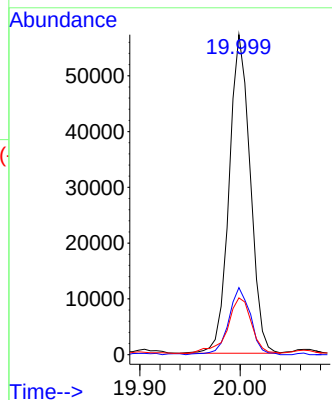
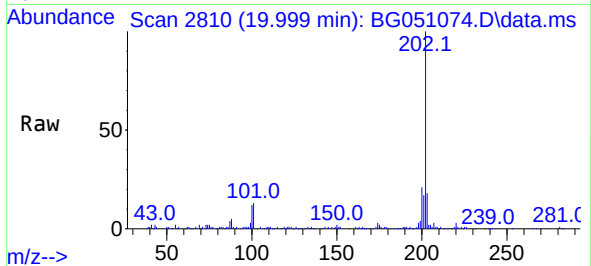
OR-03-111521

Tgt Ion:202 Resp: 83474
Ion Ratio Lower Upper
202 100
200 20.9 15.8 23.8
203 17.7 14.6 21.8

Manual Integrations

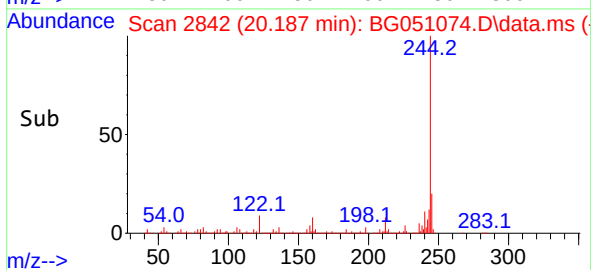
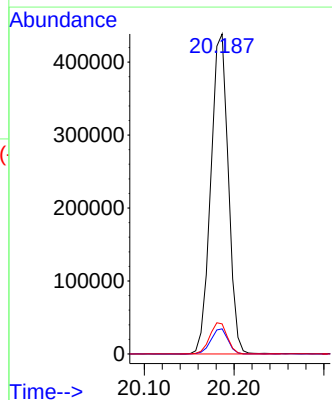
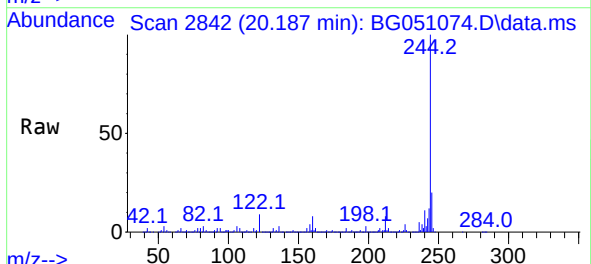
APPROVED

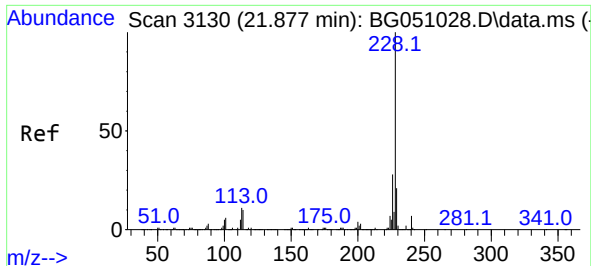
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#79
Terphenyl-d14
Concen: 51.909 ng
RT: 20.187 min Scan# 2842
Delta R.T. 0.002 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57

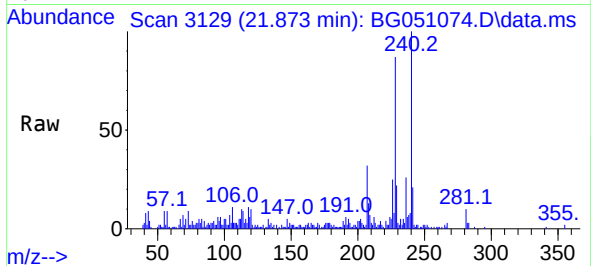
Tgt Ion:244 Resp: 593247
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 9.4 5.0 7.6#





#81
Benzo(a)anthracene
Concen: 2.163 ng m
RT: 21.873 min Scan# 3106
Delta R.T. -0.004 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57

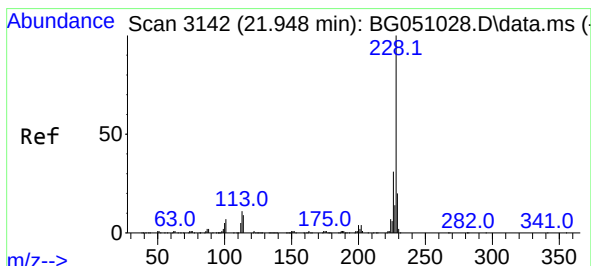
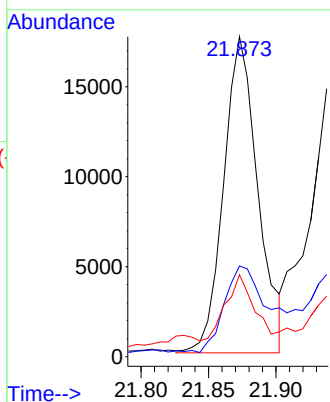
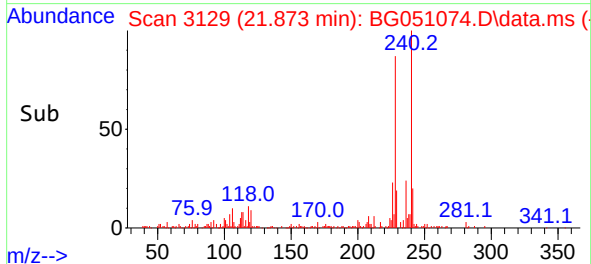
Instrument :
BNA_G
ClientSampleId :
OR-03-111521



Tgt Ion:228 Resp: 3106
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 25.6 16.0 24.0

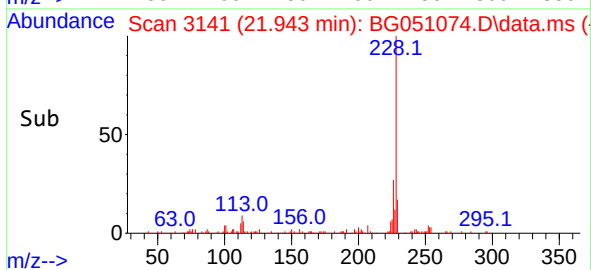
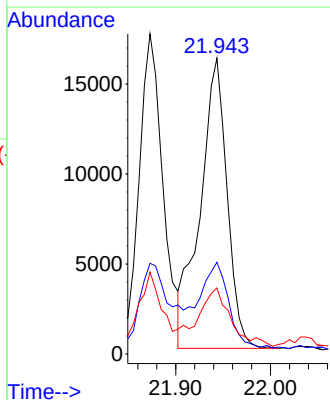
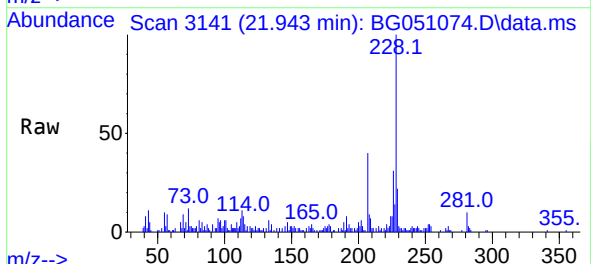
Manual Integrations
APPROVED

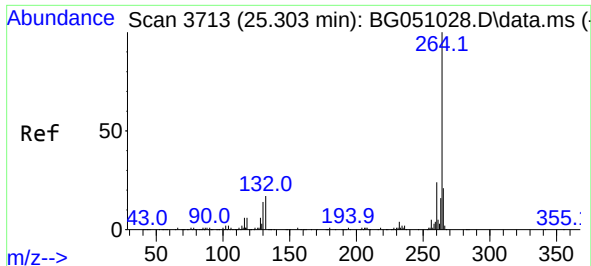
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#83
Chrysene
Concen: 2.362 ng
RT: 21.943 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57

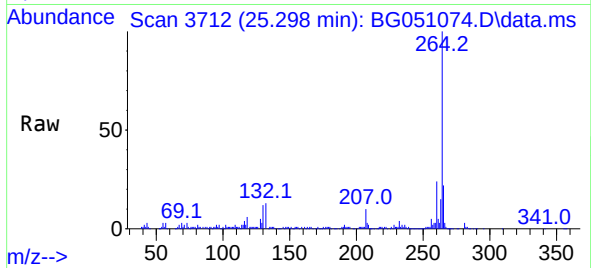
Tgt Ion:228 Resp: 31997
Ion Ratio Lower Upper
228 100
226 31.0 23.1 34.7
229 22.3 15.3 22.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.298 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57

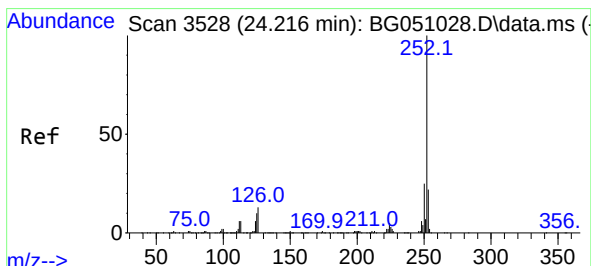
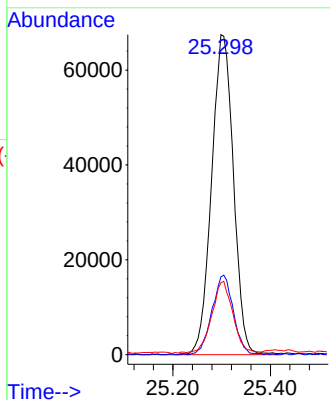
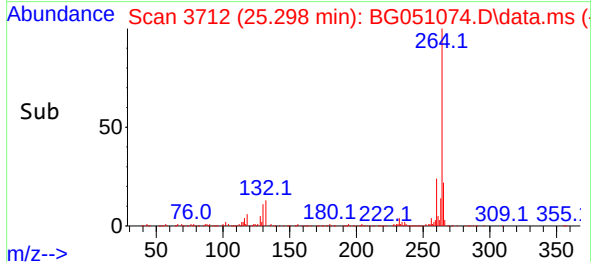
Instrument :
BNA_G
ClientSampleId :
OR-03-111521



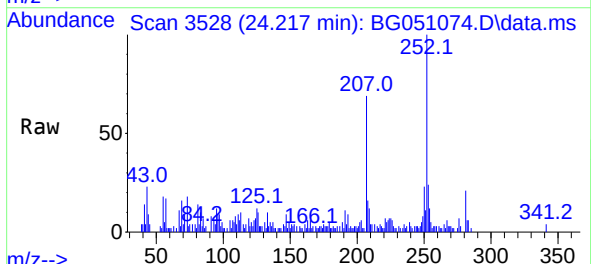
Tgt Ion:264 Resp: 210204
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 22.5 16.9 25.3

Manual Integrations
APPROVED

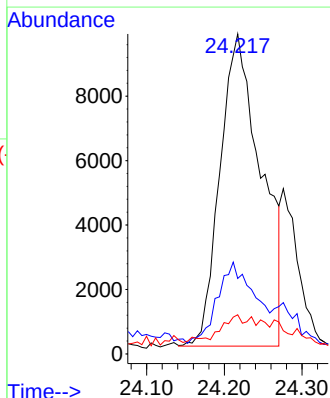
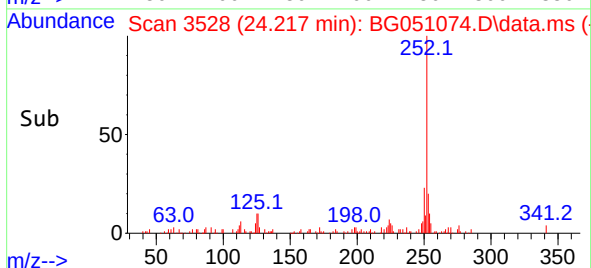
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

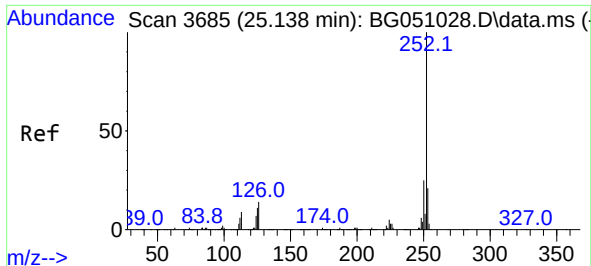


#88
Benzo(b)fluoranthene
Concen: 2.708 ng m
RT: 24.217 min Scan# 3528
Delta R.T. 0.002 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57



Tgt Ion:252 Resp: 35837
Ion Ratio Lower Upper
252 100
253 23.6 16.2 24.4
125 12.2 3.0 4.4#





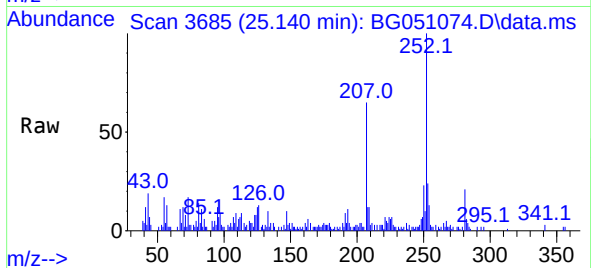
#90
Benzo(a)pyrene
Concen: 2.747 ng
RT: 25.140 min Scan# 30
Delta R.T. 0.002 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57

Instrument :

BNA_G

ClientSampleId :

OR-03-111521

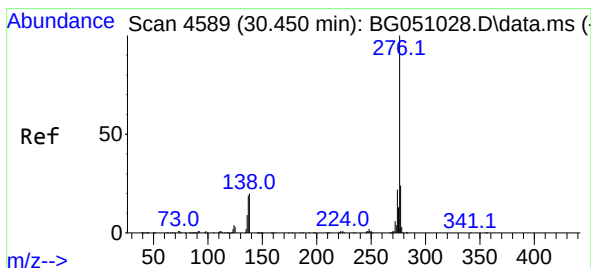
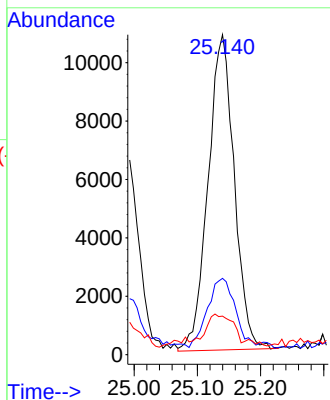
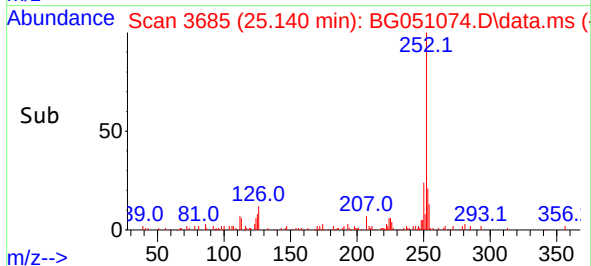


Tgt Ion:252 Resp: 31029
Ion Ratio Lower Upper
252 100
253 23.9 16.6 25.0
125 12.0 3.5 5.3

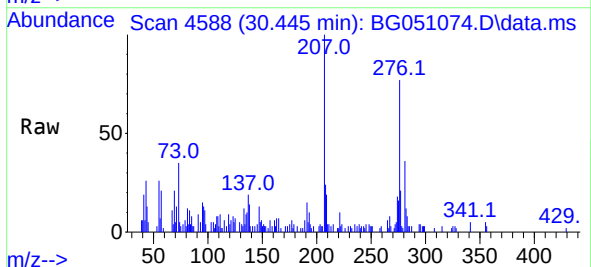
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021



#92
Benzo(g,h,i)perylene
Concen: 2.541 ng
RT: 30.445 min Scan# 4588
Delta R.T. -0.004 min
Lab File: BG051074.D
Acq: 16 Nov 2021 19:57



Tgt Ion:276 Resp: 30712
Ion Ratio Lower Upper
276 100
277 26.8 18.4 27.6
138 18.7 7.0 10.6

